

## 2. ERROR CODE AND SELF-DIAGNOSTIC MODE

### 2.1 Error Code List

The following error codes is displayed at the upper right of the screen when the "CLEAR PAPER" or "CALL SERVICE" symbol is blinking.

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#### 2.1.1 Jam

| Error code | Classification  | Contents  | Troubleshooting |
|------------|-----------------|---|-----------------|
| E010       | Paper exit jam  | Jam not reaching the exit sensor : The paper which has passed through the fuser unit does not reach the exit sensor.                      | P. 5-1          |
| E020       | Paper exit jam  | Stop jam at the exit sensor: The trailing edge of the paper does not pass the exit sensor after its leading edge has reached this sensor. | P. 5-2          |
| E030       | Other paper jam | Power-ON jam: The paper is remaining on the paper transport path when power is turned ON.   | P. 5-18         |
| E061       |                 | Incorrect paper size setting for upper drawer: The size of paper in the 1st drawer differs from size setting of the equipment.            | P. 5-18         |
| E062       |                 | Incorrect paper size setting for lower drawer: The size of paper in the 2nd drawer differs from size setting of the equipment.            | P. 5-18         |
| E063       |                 | Incorrect paper size setting for PFP upper drawer: The size of paper in the 3rd drawer differs from size setting of the equipment.        | P. 5-18         |
| E064       |                 | Incorrect paper size setting for PFP lower drawer: The size of paper in the 4th drawer differs from size setting of the equipment.        | P. 5-18         |
| E065       |                 | Incorrect paper size setting for bypass tray: The size of paper in the bypass tray differs from size setting of the equipment.            | P. 5-18         |
| E090       |                 | Image data delay jam: Image data to be printed cannot be prepared.  | P. 5-19         |

| <b>Error code</b> | <b>Classification</b> | <b>Contents</b>   | <b>Troubleshooting</b> |
|-------------------|-----------------------|---|------------------------|
| E110              | Paper misfeeding      | ADU misfeeding (Paper not reaching the registration sensor): The paper which has passed through ADU does not reach the registration sensor during duplex printing.          | P. 5-3                 |
| E120              |                       | Bypass misfeeding (Paper not reaching the registration sensor): The paper fed from the bypass tray does not reach the registration sensor.                                  | P. 5-4                 |
| E130              |                       | Upper drawer misfeeding (Paper not reaching the upper drawer feed sensor): The paper fed from the upper drawer does not reach the upper drawer feed sensor.                 | P. 5-5                 |
| E140              |                       | Lower drawer misfeeding (Paper not reaching the lower drawer feed sensor): The paper fed from the lower drawer does not reach the lower drawer feed sensor.                 | P. 5-6                 |
| E150              |                       | PFP upper drawer misfeeding (Paper not reaching the PFP upper drawer feed sensor): The paper fed from the PFP upper drawer does not reach the PFP upper drawer feed sensor. | P. 5-7                 |
| E160              |                       | PFP lower drawer misfeeding (Paper not reaching the PFP lower drawer feed sensor): The paper fed from the PFP lower drawer does not reach the PFP lower drawer feed sensor. | P. 5-8                 |
| E190              |                       | LCF misfeeding (Paper not reaching the LCF feed sensor): The paper fed from the LCF does not reach the LCF feed sensor.   | P. 5-9                 |
| E200              | Paper transport jam   | Upper drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor. | P. 5-10                |

| Error code | Classification  | Contents  | Troubleshooting   |
|------------|---|---|---|
| E210       | Paper transport jam   | Lower drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.                           | P. 5-10   |
| E220       |   | Lower drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.                 | P. 5-11   |
| E300       |   | PFP upper drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.                       | P. 5-10   |
| E310       |   | PFP upper drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.             | P. 5-11   |
| E320       |   | PFP upper drawer transport jam (Paper not reaching the lower drawer feed sensor): The paper does not reach the lower drawer feed sensor after it has passed the PFP upper drawer feed sensor.         | P. 5-12   |
| E330       |   | PFP lower drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the upper drawer feed sensor.                       | P. 5-10   |
| E340       |   | PFP lower drawer transport jam (Paper not reaching the upper drawer feed sensor): The paper does not reach the upper drawer feed sensor after it has passed the lower drawer feed sensor.             | P. 5-11   |
| E350       |   | PFP lower drawer transport jam (Paper not reaching the lower drawer feed sensor): The paper does not reach the lower drawer feed sensor after it has passed the PFP upper drawer feed sensor.         | P. 5-12   |
| E360       |   | PFP lower drawer transport jam (Paper not reaching the PFP upper drawer feed sensor): The paper does not reach the PFP upper drawer feed sensor after it has passed the PFP lower drawer feed sensor. | P. 5-13   |
| E400       |   | Cover open jam  | Jam access cover open jam: The jam access cover has opened during printing. |
| E410       | Front cover open jam: The front cover has opened during printing. |   | P. 5-20   |
| E420       | Cover open jam  | PFP side cover open jam: The PFP side cover has opened during printing.   | P. 5-21   |
| E430       |   | ADU open jam: The ADU has opened during printing.   | P. 5-21   |
| E440       |   | Side cover open jam: The side cover has opened during printing.   | P. 5-22   |
| E450       |   | LCF side cover open jam: The LCF side cover has opened during printing.   | P. 5-22   |
| E480       |   | Bridge unit open jam: The bridge unit has opened during printing.   | P. 5-23   |
| E510       | Paper transport jam (ADU section)                                 | Jam not reaching the ADU entrance sensor: The paper does not reach the ADU entrance sensor after it is switchbacked in the exit section.  | P. 5-14   |
| E520       |   | Stop jam in the ADU: The paper does not reach the ADU exit sensor after it has passed the ADU entrance sensor.  | P. 5-15   |

| Error code | Classification   | Contents   | Troubleshooting   |
|------------|--|--|---|
| E550       | Other paper jam  | Paper remaining jam on the transport path: The paper is remaining on the transport path when printing is finished (caused by a multiple paper feeding).  | P. 5-19   |
| E712       | RADF jam   | Jam not reaching the original registration sensor: The original fed from the original feeding tray does not reach the original registration sensor.  | P. 5-24   |
| E713       |  | Cover open jam in the read ready status: Jam caused by opening of the RADF jam access cover or front cover while the RADF is waiting for the scanning start signal from the equipment.   | P. 5-24   |
| E714       |  | Feed signal reception jam: The feed signal is received even no original exists on the original feeding tray.   | P. 5-25   |
| E721       |  | Jam not reaching the read sensor: The original does not reach the read sensor after it has passed the registration sensor (when scanning obverse side) or the reverse sensor (when scanning reverse side).                       | P. 5-25   |
| E722       |  | Jam not reaching the original exit/reverse sensor (during scanning): The original which passed the read sensor does not reach the original exit/reverse sensor when it is transported from the scanning section to exit section. | P. 5-26   |
| E724       |  | Stop jam at the original registration sensor: The trailing edge of the original does not pass the original registration sensor after its leading edge has reached this sensor.   | P. 5-26   |
| E725       |  | Stop jam at the read sensor: The trailing edge of the original does not pass the read sensor after its leading edge has reached this sensor.   | P. 5-27   |
| E731       |  | Stop jam at the original exit/reverse sensor: The trailing edge of the original does not pass the original exit/reverse sensor after its leading edge has reached this sensor.   | P. 5-27   |
| E860       |  | RADF jam access cover open: The RADF jam access cover has opened during RADF operation.  | P. 5-27   |
| E870       |  | RADF open jam: RADF has opened during RADF operation.  | P. 5-28   |
| E910       |  | Finisher jam (Bridge unit)   | Jam at the bridge unit transport sensor 1: The paper does not reach the bridge unit transport sensor 1 after it has passed the exit sensor. |
| E920       | Stop jam at the bridge unit transport sensor 1: The trailing edge of the paper does not pass the bridge unit transport sensor 1 after its leading edge has reached the sensor.                         |  | P. 5-29   |
| E930       | Jam at the bridge unit transport sensor 2: The trailing edge of the paper does not reach the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 1.     |  | P. 5-29   |
| E940       | Stop jam at the bridge unit transport sensor 2: The trailing edge of the paper does not pass the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 2. |  | P. 5-29   |
| E9F0       | Finisher jam (Punch unit)  | Punching jam: Punching is not performed properly. [MJ-1023/1024 (when MJ-6004 is installed)] [MJ-1101 (when MJ-6101 is installed)]   | P. 5-46   |

| Error code | Classification   | Contents  | Troubleshooting   |
|------------|--|---|---|
| EA10       | Finisher jam<br>(Finisher section)   | Paper transport delay jam: The paper which has passed the bridge unit does not reach the inlet sensor. [MJ-1022/1023/1024/1101]   | P. 5-30   |
| EA20       |  | Paper transport stop jam:<br>(1) The paper does not pass through the inlet sensor. [MJ-1022/1023/1024]<br>(2) The paper has passed through the inlet sensor but does not reach or pass the feed path sensor or processing tray sensor. [MJ-1023/1024]<br>(3) The paper which has passed through the inlet sensor does not reach the transport sensor. [MJ-1101] | P. 5-32   |
| EA21       |  | Paper size error jam: Paper does not reach the sensor because the paper is shorter than spec. [MJ-1101]   | P. 5-33   |
| EA30       |  | Power-ON jam:<br>(1) Paper exists at the inlet sensor when power is turned ON. [MJ-1022/1023/1024]<br>(2) Paper exists at the feed path sensor or processing tray sensor when power is turned ON. [MJ-1023/1024]  | P. 5-34   |
| EA31       |  | Transport path paper remaining jam: The paper which has passed through the inlet sensor does not reach the transport sensor. [MJ-1101]  | P. 5-35   |
| EA32       |  | Exit paper remaining jam: The paper is remaining on the finishing tray when the power is turned ON. [MJ-1101]   | P. 5-35   |
| EA40       |  | Finisher jam<br>(Finisher section)  | Door open jam:<br>1) The finisher has been released from the equipment during printing. [MJ-1022]<br>2) The upper/front cover of the finisher section or the upper/ front door of the puncher section has opened during printing. [MJ-1023/1024]<br>3) The front cover or stationary tray cover is opened during paper transport. [MJ-1101] |
| EA50       | Stapling jam: Stapling is not performed properly. [MJ-1022/1023/1024/1101]   |   | P. 5-38   |
| EA60       | Early arrival jam: The inlet sensor detects the paper earlier than a specified timing. [MJ-1022/1023/1024/1101]        |   | P. 5-40   |
| EA70       | Stack delivery jam: It cannot deliver the stack of paper on the intermediary process tray to the stack tray. [MJ-1022] |   | P. 5-41   |
|            | Stack exit belt home position error: The stack exit belt is not at the home position. [MJ-1101]                        |   |   |

| Error code | Classification                            | Contents   | Troubleshooting |
|------------|---|--|-----------------|
| EA80       | Finisher jam<br>(Saddle stitcher section) | Stapling jam: Stapling is not performed properly. [MJ-1024]  | P. 5-43         |
| EA90       |   | Door open jam: The delivery cover or inlet cover has opened during printing [MJ-1024].   | P. 5-43         |
| EAA0       |   | Power-ON jam: Paper exists at No.1 paper sensor, No. 2 paper sensor, No.3 paper sensor, vertical path paper sensor or delivery sensor when power is turned ON. [MJ-1024]                               | P. 5-44         |
| EAB0       |   | Transport stop jam: The paper which passed through the inlet sensor does not reach or pass No.1 paper sensor, No. 2 paper sensor, No.3 paper sensor or delivery sensor. [MJ-1024]                      | P. 5-44         |
| EAC0       |   | Transport delay jam: The paper which has reached the inlet sensor does not pass through the inlet sensor. [MJ-1024]  | P. 5-45         |
| EAD0       | Other paper jam                           | Print end command time-out jam: The printing has not finished normally because of the communication error between the SYS board and LGC board at the end of printing.                                  | P. 5-47         |
| EAE0       | Finisher jam                              | Receiving time time-out jam: The printing has been interrupted because of the communication error between the equipment and finisher when the paper is transported from the equipment to the finisher. | P. 5-47         |
| EAF0       | Finisher jam<br>(Finisher section)        | Stack return jam: It cannot load the paper which passed through the delivery roller on the intermediary process tray. [MJ-1022]  | P. 5-42         |
| EB30       | Finisher jam                              | Ready time time-out jam: The equipment judges that the paper transport to the finisher is disabled because of the communication error between the equipment and finisher at the start of printing.     | P. 5-47         |
| EB50       | Paper transport jam                       | Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper.  | P. 5-16         |
| EB60       |   | Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper (redetection after no jam is detected at [EB50]).                               | P. 5-17         |
| ED10       | Finisher jam                              | Sideways adjustment motor (M2) home position detection error: The Sideways adjustment motor is not at the home position. [MJ-1101 (when MJ-6101 is installed)]   | P. 5-48         |
| ED11       |   | Skew adjustment motor (M1) home position detection abnormality: The Skew adjustment motor is not at the home position. [MJ-1101 (when MJ-6101 is installed)]   | P. 5-48         |
| ED12       |   | Shutter home position error: The shutter is not at the home position. [MJ-1101]  | P. 5-49         |
| ED13       |   | Front alignment plate home position error: The front alignment plate is not at the home position. [MJ-1101]  | P. 5-49         |
| ED14       |   | Rear alignment plate home position error: The rear alignment plate is not at the home position. [MJ-1101]  | P. 5-50         |
| ED15       |   | Paddle home position error: The paddle is not at the home position. [MJ-1101]  | P. 5-50         |
| ED16       |   | Buffer tray home position error: The buffer tray is not at the home position. [MJ-1101]  | P. 5-51         |

## 2.1.2 Service call

| Error code | Classification  | Contents  | Troubleshooting  |         |
|------------|---|---|--|---------|
| C010       | Drive system related service call   | Main motor abnormality: The main motor is not rotating normally.  | P. 5-52  |         |
| C020       |   | Developer motor abnormality: The developer motor is not rotating normally.  | P. 5-52  |         |
| C030       |   | Transport motor abnormality: The transport motor is not rotating normally.  | P. 5-52  |         |
| C040       | Paper feeding system related service call   | PFP motor abnormality: The PFP motor is not rotating normally. (the case that paper can be fed from any drawer except the PFP)  | P. 5-53  |         |
| C130       |   | Upper drawer tray abnormality: The upper drawer tray-up motor is not rotating or the upper drawer tray is not moving normally. (the case that paper can be fed from any drawer except the upper drawer)                 | P. 5-54  |         |
| C140       |   | Lower drawer tray abnormality: The lower drawer tray-up motor is not rotating or the lower drawer tray is not moving normally. (the case that paper can be fed from any drawer except the lower drawer)                 | P. 5-54  |         |
| C150       |   | PFP upper drawer tray abnormality: The PFP upper drawer tray-up motor is not rotating or the PFP upper drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP upper drawer) | P. 5-55  |         |
| C160       |   | PFP lower drawer tray abnormality: The PFP lower drawer tray-up motor is not rotating or the PFP lower drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP lower drawer) | P. 5-55  |         |
| C180       |   | LCF tray-up motor abnormality: The LCF tray-up motor is not rotating or the LCF tray is not moving normally. (the case that paper can be fed from any drawer except the LCF)  | P. 5-56  |         |
| C1A0       |   | LCF end fence motor abnormality: The LCF end fence motor is not rotating or the LCF end fence is not moving normally. (the case that paper can be fed from any drawer except the LCF)                                   | P. 5-57  |         |
| C1B0       |   | LCF transport motor abnormality: The LCF transport motor is not rotating normally. (the case that paper can be fed from any drawer except the LCF)  | P. 5-58  |         |
| C260       |   | Scanning system related service call  | Peak detection error: Lighting of the exposure lamp (white reference) is not detected when power is turned ON.   | P. 5-59 |
| C270       |   |   | Carriage home position sensor not turning OFF within a specified period of time: The carriage does not shift from its home position in a specified time. | P. 5-59 |
| C280       | Carriage home position sensor not turning ON within a specified period of time: The carriage does not reach to its home position in a specified period of time. |   | P. 5-59  |         |
| C360       | Copy process related service call   | Charger cleaner motor abnormality: Charger cleaner motor is not rotating or wire cleaner is not moving normally.  | P. 5-89  |         |

| Error code | Classification                          | Contents   | Troubleshooting  |         |
|------------|---|--|--|---------|
| C411       | Fuser unit related service call         | Thermistor or heater abnormality at power-ON: Abnormality of the thermistor is detected when power is turned ON or the temperature of the fuser roller does not rise in a specified period of time after power is turned ON. | P. 5-60  |         |
| C412       |   | Thermistor/heater abnormality at power-ON: Thermistor abnormality is detected at power-ON or the fuser roller temperature does not rise within a specified period of time after power-ON.                                    | P. 5-60  |         |
| C443       |   | Heater abnormality after abnormality judgment (not reaching to intermediate temperature)   | P. 5-61  |         |
| C445       |   | Heater abnormality after abnormality judgment (pre-running end temperature abnormality)  | P. 5-61  |         |
| C446       |   | Heater abnormality after abnormality judgment (pre-running end temperature abnormality)  | P. 5-61  |         |
| C447       |   | Heater abnormality after abnormality judgment (temperature abnormality at ready status)  | P. 5-61  |         |
| C449       |   | Heater abnormality after abnormality judgment (overheating)  | P. 5-61  |         |
| C471       |   | IH power voltage abnormality or IH initial abnormality (IH board initial abnormality)  | P. 5-61  |         |
| C472       |   | IH power voltage abnormality (power supply abnormality)  | P. 5-61  |         |
| C475       |   | IH power voltage abnormality (power supply abnormality when door is opened)  | P. 5-61  |         |
| C480       |   | Overheating of IGBT: The temperature of the IGBT rises abnormally.   | P. 5-61  |         |
| C490       |   | IH control circuit or IH coil abnormality: Abnormality is detected in IH control circuit or IH coil is broken/shorted.   | P. 5-62  |         |
| C4B0       |   | Fuser unit counter abnormality   | P. 5-62  |         |
| C550       |   | Optional communication related service call  | RADF I/F error: Communication error has occurred between the RADF and the scanner. | P. 5-63 |
| C570       |   |  | Communication error between Engine-CPU and IPC board                               | P. 5-63 |
| C580       |   |  | Communication error between IPC board and finisher                                 | P. 5-63 |
| C900       | Circuit related service call            | Connection error between SYS board and LGC board   | P. 5-64  |         |
| C940       |   | Engine-CPU abnormality   | P. 5-64  |         |
| C950       |   | LGC board memory abnormality   | P. 5-64  |         |
| C960       |   | Connection error between LGC board and DRV board, ID abnormality   | P. 5-64  |         |
| C970       | Process related service call            | High-voltage transformer abnormality: Leakage of the main charger is detected.   | P. 5-89  |         |
| C9E0       | Circuit related service call            | Connection error between SLG board and SYS board, ID abnormality   | P. 5-65  |         |
| CA10       | Laser optical unit related service call | Polygonal motor abnormality: The polygonal motor is not rotating normally.   | P. 5-66  |         |
| CA20       |   | H-Sync detection error: H-Sync signal detection PC board cannot detect laser beams.  | P. 5-66  |         |



| Error code | Classification                | Contents  | Troubleshooting |
|------------|-------------------------------|---|-----------------|
| CB10       | Finisher related service call | Entrance motor abnormality: The entrance motor is not rotating normally. [MJ-1101]  | P. 5-67         |
| CB11       |                               | Buffer tray guide motor abnormality: The buffer tray guide motor is not rotating or the buffer tray guide is not moving normally. [MJ-1101]   | P. 5-67         |
| CB12       |                               | Buffer roller drive motor abnormality: The buffer roller drive motor is not rotating or the buffer roller is not moving normally. [MJ-1101]   | P. 5-67         |
| CB20       |                               | Delivery motor abnormality: Delivery motor or delivery roller is not rotating normally. [MJ-1022]   | P. 5-68         |
| CB30       |                               | Tray 1/Tray 2 shift motor abnormality: Tray 1/Tray 2 shift motor is not rotating or delivery tray is not moving normally. [MJ-1023/1024]  | P. 5-68         |
|            |                               | Movable tray shift motor abnormality: The movable tray shift motor is not rotating or the movable tray is not moving normally. [MJ-1101]  | P. 5-68         |
| CB31       |                               | Movable tray paper-full detection error: The actuator of the movable tray paper-full detection sensor does not move smoothly. [MJ-1101]   | P. 5-69         |
| CB40       |                               | Rear aligning plate motor abnormality: Rear aligning plate motor is not rotating or aligning plate is not moving normally. [MJ-1023/1024]   | P. 5-69         |
|            |                               | Front alignment motor abnormality: The front alignment motor is not rotating or the front alignment plate is not moving normally. [MJ-1101]   | P. 5-69         |
| CB50       |                               | Staple motor abnormality: Staple motor is not rotating or stapler is not moving normally. [MJ-1022/1023/1024]   | P. 5-70         |
|            |                               | Stapler home position error: The stapler home position sensor does not work. [MJ-1101]  | P. 5-70         |
| CB51       |                               | Stapler shift home position error: The stapler is not at the home position. [MJ-1101]   | P. 5-70         |
| CB60       |                               | Stapler shift motor abnormality: Stapler shift motor is not rotating or staple unit is not moving normally. [MJ-1023/1024/1101]   | P. 5-71         |
| CB80       |                               | Backup RAM data abnormality:<br>1) Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON. [MJ-1023/1024]<br>2) Abnormality of checksum value on punch controller PC board is detected when the power is turned ON. [MJ-1023/1024 (when MJ-6004 is installed)] | P. 5-71         |
|            |                               | RAM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned on. [MJ-1101]   | P. 5-71         |
| CB81       |                               | Flash ROM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned on. [MJ-1101]   | P. 5-72         |
| CB90       |                               | Paper pushing plate motor abnormality: Paper pushing plate motor is not rotating or paper pushing plate is not moving normally. [MJ-1024]   | P. 5-72         |
| CBA0       |                               | Stitch motor (front) abnormality: Stitch motor (front) is not rotating or rotary cam is not moving normally. [MJ-1024]  | P. 5-72         |
| CBB0       |                               | Stitch motor (rear) abnormality: Stitch motor (rear) is not rotating or rotary cam is not moving normally. [MJ-1024]  | P. 5-72         |

| <b>Error code</b> | <b>Classification</b>         | <b>Contents</b>   | <b>Troubleshooting</b> |
|-------------------|-------------------------------|---|------------------------|
| CBC0              | Finisher related service call | Alignment motor abnormality: Alignment motor is not rotating or aligning plate is not moving normally. [MJ-1024]  | P. 5-72                |
| CBD0              |                               | Guide motor abnormality: Guide motor is not rotating or guide is not moving normally. [MJ-1024]   | P. 5-73                |
| CBE0              |                               | Paper folding motor abnormality: Paper folding motor or paper folding roller is not rotating normally. [MJ-1024]  | P. 5-73                |
| CBF0              |                               | Paper positioning plate motor abnormality: Paper positioning plate motor is not rotating or paper positioning plate is not moving normally. [MJ-1024]                                 | P. 5-73                |
| CC00              |                               | Sensor connector abnormality: Connector of guide home position sensor, paper pushing plate home position sensor or paper pushing plate top position sensor is disconnected. [MJ-1024] | P. 5-74                |
| CC10              |                               | Micro switch abnormality: With all covers closed, inlet door switch, delivery door switch or front cover switch is open. [MJ-1024]  | P. 5-74                |
| CC20              |                               | Communication error between finisher and saddle stitcher: Communication error between finisher controller PC board and saddle stitcher controller board [MJ-1023/1024]                | P. 5-74                |
| CC30              |                               | Stack processing motor abnormality: The stack processing motor is not rotating or the stack delivery belt is not moving normally. [MJ-1022]   | P. 5-75                |
|                   |                               | Stack transport motor abnormality: The stack transport motor is not rotating or the stack transport belt is not moving normally. [MJ-1101]  | P. 5-76                |
| CC31              |                               | Transport motor abnormality: The transport motor is not rotating or the stack transport roller -1 and -2 is not rotating normally. [MJ-1101]  | P. 5-76                |
| CC40              |                               | Swing motor abnormality: Swing motor is not rotating or swing unit is not moving normally. [MJ-1023/1024]   | P. 5-76                |
| CC41              |                               | Paper holder cam home position abnormality: The paper holder cam is not at the home position. [MJ-1101]   | P. 5-77                |
| CC50              |                               | Horizontal registration motor abnormality: Horizontal registration motor is not rotating or puncher is not shifting normally. [MJ-1023/1024 (when MJ-6004 is installed)]              | P. 5-77                |
| CC51              |                               | Sideways adjustment motor (M2) abnormality: Sideways adjustment motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]                      | P. 5-77                |
| CC52              |                               | Skew adjustment motor (M1) abnormality: Skew adjustment motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]                              | P. 5-78                |
| CC60              |                               | Punch motor abnormality: Punch motor is not rotating or puncher is not shifting normally. [MJ-1023/1024 (when MJ-6004 is installed)]  | P. 5-78                |
| CC61              |                               | Punch motor (M3) home position detection error: Punch motor is not rotating or puncher is not shifting normally. [MJ-1101 (when MJ-6101 is installed)]                                | P. 5-79                |

| Error code | Classification  | Contents  | Troubleshooting   |         |
|------------|---|---|---|---------|
| CC71       | Finisher related service call   | Punch ROM checksum error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1101 (when MJ-6101 is installed)]  | P. 5-79   |         |
| CC72       |   | Punch RAM read/write error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1101 (when MJ-6101 is installed)]  | P. 5-79   |         |
| CC80       |   | Front alignment motor abnormality: Front alignment motor is not rotating or front aligning plate is not moving normally. [MJ-1022]<br>Front aligning plate motor abnormality: Front aligning plate motor is not rotating or aligning plate is not moving normally. [MJ-1023/1024] | P. 5-80   |         |
|            |   | Rear alignment motor abnormality: The rear alignment motor is not rotating or the rear alignment plate is not moving normally. [MJ-1101]  | P. 5-80   |         |
| CC90       |   | Upper stack tray lift motor abnormality: The upper stack tray lift motor is not rotating or the upper stack tray is not moving normally. [MJ-1022]  | P. 5-81   |         |
| CCA0       |   | Lower stack tray lift motor abnormality: The lower stack tray lift motor is not rotating or the lower stack tray is not moving normally. [MJ-1022]  | P. 5-82   |         |
| CCB0       |   | Rear jogging motor abnormality: The rear jogging motor is not rotating or the rear jogging plate is not moving normally. [MJ-1022]  | P. 5-82   |         |
| CCD0       |   | Stack ejection motor abnormality: Stack ejection motor or stack ejection roller is not rotating normally. [MJ-1023/1024]  | P. 5-83   |         |
| CCE0       |   | Paper trailing edge assist motor abnormality: Paper trailing edge assist motor is not rotating or paper trailing edge assist is not moving normally. [MJ-1023/1024]   | P. 5-83   |         |
| CCF0       |   | Gear changing motor abnormality: Gear changing motor is not rotating normally. [MJ-1023/1024]   | P. 5-83   |         |
| CDE0       |   | Paddle motor abnormality: The paddle motor is not rotating or the paddle is not rotating normally. [MJ-1101]  | P. 5-84   |         |
| CE00       |   | Communication error between finisher and punch unit: Communication error between finisher controller PC board and punch controller PC board [MJ-1023/1024 (when MJ-6004 is installed)] [MJ-1101 (when MJ-6101 is installed)]  | P. 5-84   |         |
| CE10       |   | Image control related service call  | Image quality sensor abnormality (OFF level): The output value of this sensor is out of a specified range when sensor light source is OFF.                                  | P. 5-85 |
| CE20       |   |   | Image quality sensor abnormality (no pattern level): The output value of this sensor is out of a specified range when the image quality control test pattern is not formed. | P. 5-86 |
| CE40       | Image quality control test pattern abnormality: The test pattern is not formed normally.              |   | P. 5-87   |         |
| CE50       | Temperature/humidity sensor abnormality: The output value of this sensor is out of a specified range. |   | P. 5-88   |         |
| CE90       | Drum thermistor abnormality: The output value of the drum thermistor is out of a specified range.     |   | P. 5-88   |         |

| <b>Error code</b> | <b>Classification</b>                      | <b>Contents</b>  | <b>Troubleshooting</b> |
|-------------------|--|--|------------------------|
| CEA0              | Copy process related service call          | Revolver home position detection abnormality: It cannot detect that the revolver is at its home position.  | P. 5-89                |
| CEB0              |  | Black developer unit lifting movement abnormality: The black developer unit does not move up or down normally (lifting cam does not operate normally).   | P. 5-90                |
| CEC0              | Copy process related service call          | 2nd transfer roller position detection abnormality: The 2nd transfer roller does not contact/release normally.   | P. 5-91                |
| CEE0              |  | Transfer belt position detection abnormality (normal speed): The home position of the transfer belt cannot be detected.  | P. 5-92                |
| CEE1              |  | Transfer belt position detection abnormality (when decelerating): Reference position of the transfer belt cannot be detected.  | P. 5-92                |
| CEF0              |  | Revolver motor abnormality: Revolver motor is not rotating or revolver is not moving normally.   | P. 5-92                |
| CF20              | Toner density control related service call | Toner density detection voltage abnormality: The output value of the color auto-toner sensor in printing is out of a specified range.  | P. 5-93                |
| CF30              |  | Reference plate detection voltage abnormality: The output value of the color auto-toner sensor against the reference plate is out of a specified range at the light amount correction during an auto-toner adjustment or when a print job has finished.                          | P. 5-94                |
| CF40              |  | Light amount correction voltage abnormality: The light amount correction is not finished normally during an auto-toner adjustment or when a print job has finished, or the output value of the sensor is out of a specified range when the light amount correction has finished. | P. 5-95                |
| CF50              |  | Color auto-toner sensor abnormality: The connection of the color auto-toner sensor cannot be detected at the initialization, or the output value of color auto-toner sensor when the revolver starts rotating for initialization is out of a specified range.                    | P. 5-96                |
| F070              | Communication related service call         | Communication error between System-CPU and Engine-CPU  | P. 5-63                |
| F090              | Circuit related service call               | SRAM abnormality on the SYS board  | P. 5-65                |
| F091              |  | NVRAM abnormality on the SYS board   | P. 5-65                |
| F092              |  | SRAM and NVRAM abnormality on the SYS board  | P. 5-65                |
| F100              | Other service call                         | HDD format error: HDD cannot be initialized normally.  | P. 5-97                |
| F101              |  | HDD unmounted: Connection of HDD cannot be detected.   | P. 5-97                |
| F102              |  | HDD start error: HDD cannot become 'Ready' state.  | P. 5-97                |
| F103              |  | HDD transfer time-out: Reading/writing cannot be performed in the specified period of time.  | P. 5-97                |
| F104              |  | HDD data error: Abnormality is detected in the data of HDD.  | P. 5-97                |
| F105              |  | HDD other error  | P. 5-97                |
| F106              |  | Point and Print partition damage   | P. 5-97                |
| F107              |  | /BOX partition damage  | P. 5-97                |
| F108              |  | /SHA partition damage  | P. 5-97                |

| <b>Error code</b> | <b>Classification</b>              | <b>Contents</b>   | <b>Troubleshooting</b> |
|-------------------|------------------------------------|---|------------------------|
| F110              | Communication related service call | Communication error between System-CPU and Scanner-CPU    | P. 5-63                |
| F111              |                                    | Scanner response abnormality                              | P. 5-63                |
| F120              | Other service call                 | Database abnormality: Database is not operating normally. | P. 5-97                |
| F130              |                                    | Invalid MAC address                                       | P. 5-97                |
| F200              |                                    | Data overwrite kit (GP-1060) is taken off                 | P. 5-98                |
| F350              | Circuit related service call       | SLG board abnormality                                     | P. 5-65                |

## 2.1.3 Error in Internet FAX / Scanning Function

### 1) Internet FAX related error

| Error code | Classification  | Troubleshooting |
|------------|---|-----------------|
| 1C10       | System access abnormality   | P. 5-98         |
| 1C11       | Insufficient memory   | P. 5-98         |
| 1C12       | Message reception error   | P. 5-98         |
| 1C13       | Message transmission error  | P. 5-98         |
| 1C14       | Invalid parameter   | P. 5-98         |
| 1C15       | Exceeding file capacity   | P. 5-98         |
| 1C20       | System management module access abnormality                           | P. 5-98         |
| 1C21       | Job control module access abnormality                                 | P. 5-98         |
| 1C22       | Job control module access abnormality                                 | P. 5-98         |
| 1C30       | Directory creation failure  | P. 5-99         |
| 1C31       | File creation failure   | P. 5-99         |
| 1C32       | File deletion failure   | P. 5-98         |
| 1C33       | File access failure   | P. 5-99         |
| 1C40       | Image conversion abnormality  | P. 5-99         |
| 1C60       | HDD full failure during processing                                    | P. 5-99         |
| 1C61       | Address Book reading failure  | P. 5-99         |
| 1C62       | Memory acquiring failure  | P. 5-99         |
| 1C63       | Terminal IP address unset   | P. 5-99         |
| 1C64       | Terminal mail address unset   | P. 5-99         |
| 1C65       | SMTP address unset  | P. 5-99         |
| 1C66       | Server time time-out error  | P. 5-99         |
| 1C67       | NIC time time-out error   | P. 5-99         |
| 1C68       | NIC access error  | P. 5-99         |
| 1C69       | SMTP server connection error  | P. 5-99         |
| 1C6A       | HOST NAME error   | P. 5-99         |
| 1C6B       | Terminal mail address error   | P. 5-100        |
| 1C6C       | Destination mail address error  | P. 5-100        |
| 1C6D       | System error  | P. 5-99         |
| 1C70       | SMTP client OFF   | P. 5-100        |
| 1C71       | SMTP authentication error   | P. 5-100        |
| 1C72       | POP before SMTP error   | P. 5-100        |
| 1C80       | Internet FAX transmission failure when processing E-mail job received | P. 5-100        |
| 1C81       | Onramp Gateway transmission failure                                   | P. 5-100        |
| 1C82       | Internet FAX transmission failure when processing FAX job received    | P. 5-100        |
| 1CC0       | Job canceling   | -               |
| 1CC1       | Power failure   | P. 5-100        |

2) RFC related error

| <b>Error code</b> | <b>Message displayed in the TopAccess screen</b> | <b>Contents</b>  | <b>Troubleshooting</b> |
|-------------------|--|--|------------------------|
| 2500              | Syntax error, command unrecognized               | HOST NAME error(RFC: 500)<br>Destination mail address error (RFC: 500)<br>Terminal mail address error (RFC: 500) | P. 5-101               |
| 2501              | Syntax error in parameters or arguments          | HOST NAME error(RFC: 501)<br>Destination mail address error (RFC: 501)<br>Terminal mail address error (RFC: 501) | P. 5-101               |
| 2503              | Bad sequence of commands                         | Destination mail address error (RFC: 503)  | P. 5-101               |
| 2504              | Command parameter not implemented                | HOST NAME error (RFC: 504)   | P. 5-101               |
| 2550              | Mailbox unavailable                              | Destination mail address error (RFC: 550)  | P. 5-101               |
| 2551              | User not local                                   | Destination mail address error (RFC: 551)  | P. 5-101               |
| 2552              | Insufficient system storage                      | Terminal/Destination mail address error (RFC: 552)   | P. 5-101               |
| 2553              | Mailbox name not allowed                         | Destination mail address error (RFC: 553)  | P. 5-101               |



### 3) Electronic Filing related error

| <b>Error code</b> | <b>Message displayed in the TopAccess screen</b>   | <b>Contents</b>  | <b>Troubleshooting</b> |
|-------------------|--|--|------------------------|
| 2B10              | There was no applicable job.                       | No applicable job error in job control module  | P. 5-102               |
| 2B11              | Job status failed.                                 | JOB status abnormality   | P. 5-102               |
| 2B20              | Failed to access file.                             | File library function error  | P. 5-102               |
| 2B30              | Insufficient disk space.                           | Insufficient disk space in /BOX partition  | P. 5-102               |
| 2B31              | Failed to access Electronic Filing.                | Status of specified Electronic Filing or folder is undefined or being created/deleted                                      | P. 5-102               |
| 2B32              | Failed to print Electronic Filing document.        | Electronic Filing printing failure: Specified document can not be printed because of client's access (being edited, etc.). | P. 5-102               |
| 2B50              | Failed to process image.                           | Image library error  | P. 5-102               |
| 2B51              | Failed to process print image.                     | List library error   | P. 5-102               |
| 2B71              | Document(s) expire(s) in a few days                | Documents expiring in a few days exist   | -                      |
| 2B80              | Hard Disk space for Electronic Filing nearly full. | Hard disk space in /BOX partition is nearly full (90%).  | -                      |
| 2B90              | Insufficient Memory.                               | Insufficient memory capacity   | P. 5-102               |
| 2BA0              | Invalid Box password specified.                    | Invalid Box password   | P. 5-102               |
| 2BB0              | Job canceled                                       | Job canceling  | -                      |
| 2BB1              | Power failure occurred                             | Power failure  | P. 5-102               |
| 2BC0              | System fatal error.                                | Fatal failure occurred   | P. 5-102               |
| 2BC1              | Failed to acquire resource.                        | System management module resource acquiring failure  | P. 5-102               |
| 2BD0              | Power failure occurred during e-Filing restoring.  | Power failure occurred during restoring of Electronic Filing   | P. 5-102               |
| 2BE0              | Failed to get machine parameter.                   | Machine parameter reading failure  | P. 5-103               |
| 2BF0              | Maximum number of page range is reached.           | Exceeding maximum number of pages  | P. 5-103               |
| 2BF1              | Maximum number of document range is reached.       | Exceeding maximum number of documents  | P. 5-103               |
| 2BF2              | Maximum number of folder range is reached.         | Exceeding maximum number of folders  | P. 5-103               |



4) E-mail related error

| Error code | Message displayed in the TopAccess screen            | Contents  | Troubleshooting |
|------------|--|---|-----------------|
| 2C10       | Illegal Job status                                   | System access abnormality                                       | P. 5-104        |
| 2C11       | Not enough memory                                    | Insufficient memory   | P. 5-104        |
| 2C12       | Illegal Job status                                   | Message reception error   | P. 5-104        |
| 2C13       | Illegal Job status                                   | Message transmission error                                      | P. 5-104        |
| 2C14       | Invalid parameter specified                          | Invalid parameter   | P. 5-104        |
| 2C15       | Message size exceeded limit or maximum size          | Exceeding file capacity   | P. 5-104        |
| 2C20       | Illegal Job status                                   | System management module access abnormality                     | P. 5-104        |
| 2C21       | Illegal Job status                                   | Job control module access abnormality                           | P. 5-104        |
| 2C22       | Illegal Job status                                   | Job control module access abnormality                           | P. 5-104        |
| 2C30       | Failed to create directory                           | Directory creation failure                                      | P. 5-104        |
| 2C31       | Failed to create file                                | File creation failure   | P. 5-104        |
| 2C32       | Failed to delete file                                | File deletion failure   | P. 5-104        |
| 2C33       | Failed to create file                                | File access failure   | P. 5-104        |
| 2C40       | Failed to convert image file format                  | Image conversion abnormality                                    | P. 5-104        |
| 2C60       | Failed to process your Job. Insufficient disk space. | HDD full failure during processing                              | P. 5-104        |
| 2C61       | Failed to read AddressBook                           | Address Book reading failure                                    | P. 5-104        |
| 2C62       | Not enough memory                                    | Memory acquiring failure  | P. 5-104        |
| 2C63       | Invalid Domain Address                               | Terminal IP address unset                                       | P. 5-104        |
| 2C64       | Invalid Domain Address                               | Terminal mail address unset                                     | P. 5-105        |
| 2C65       | Failed to connect to SMTP server                     | SMTP address unset  | P. 5-105        |
| 2C66       | Failed to connect to SMTP server                     | Server time time-out error                                      | P. 5-105        |
| 2C67       | Failed to send E-Mail message                        | NIC time time-out error   | P. 5-105        |
| 2C68       | Failed to send E-Mail message                        | NIC access error  | P. 5-105        |
| 2C69       | Failed to connect to SMTP server                     | SMTP server connection error                                    | P. 5-105        |
| 2C6A       | Failed to send E-Mail message                        | HOST NAME error (No RFC error)                                  | P. 5-105        |
| 2C6B       | Invalid address specified in From: field             | Terminal mail address error                                     | P. 5-105        |
| 2C6C       | Invalid address specified in To: field               | Destination mail address error (No RFC error)                   | P. 5-105        |
| 2C6D       | NIC system error                                     | System error  | P. 5-105        |
| 2C70       | SMTP service is not available                        | SMTP client OFF   | P. 5-105        |
| 2C71       | Failed SMTP Authentication                           | SMTP authentication error                                       | P. 5-105        |
| 2C72       | POP Before SMTP Authentication Failed                | POP before SMTP error   | P. 5-105        |
| 2C80       | Failed to process received E-mail job                | E-mail transmission failure when processing E-mail job received | P. 5-105        |
| 2C81       | Failed to process received Fax job                   | Process failure of FAX job received                             | P. 5-105        |
| 2CC0       | Job canceled   | Job canceling   | -               |
| 2CC1       | Power failure occurred                               | Power failure   | P. 5-106        |

5) File sharing related error

| <b>Error code</b> | <b>Message displayed in the TopAccess screen</b>                             | <b>Contents</b>  | <b>Troubleshooting</b> |
|-------------------|--|--|------------------------|
| 2D10              | Illegal Job status   | System access abnormality  | P. 5-107               |
| 2D11              | Not enough memory  | Insufficient memory  | P. 5-107               |
| 2D12              | Illegal Job status   | Message reception error  | P. 5-107               |
| 2D13              | Illegal Job status   | Message transmission error   | P. 5-107               |
| 2D14              | Invalid parameter specified  | Invalid parameter  | P. 5-107               |
| 2D15              | There are too many documents in the folder. Failed in creating new document. | Exceeding document number  | P. 5-107               |
| 2D20              | Illegal Job status   | System management module access abnormality                          | P. 5-107               |
| 2D21              | Illegal Job status   | Job control module access abnormality                                | P. 5-107               |
| 2D22              | Illegal Job status   | Job control module access abnormality                                | P. 5-107               |
| 2D30              | Failed to create directory   | Directory creation failure   | P. 5-107               |
| 2D31              | Failed to create file  | File creation failure  | P. 5-107               |
| 2D32              | Failed to delete file  | File deletion failure  | P. 5-107               |
| 2D33              | Failed to create file  | File access failure  | P. 5-107               |
| 2D40              | Failed to convert image file format  | Image conversion abnormality   | P. 5-107               |
| 2D60              | Failed to copy file  | File library access abnormality                                      | P. 5-107               |
| 2D62              | Failed to connect to network destination. Check destination path             | File server connection error   | P. 5-107               |
| 2D63              | Specified network path is invalid. Check destination path                    | Invalid network path   | P. 5-107               |
| 2D64              | Logon to file server failed. Check username and password                     | Login failure  | P. 5-108               |
| 2D65              | There are too many documents in the folder. Failed in creating new document. | Exceeding documents in folder: Creating new document is failed.      | P. 5-108               |
| 2D66              | Failed to process your Job. Insufficient disk space.                         | HDD full failure during processing                                   | P. 5-108               |
| 2D67              | FTP service is not available   | FTP service not available  | P. 5-108               |
| 2D68              | File Sharing service is not available  | File sharing service not available                                   | P. 5-108               |
| 2DA0              | Expired scan documents deleted from share folder.                            | Periodical deletion of scanned documents completed properly.         | -                      |
| 2DA1              | Expired Sent Fax documents deleted from shared folder.                       | Periodical deletion of transmitted FAX documents completed properly. | -                      |
| 2DA2              | Expired Received Fax documents deleted from shared folder.                   | Periodical deletion of received FAX documents completed properly.    | -                      |
| 2DA3              | Scanned documents in shared folder deleted upon user's request.              | Manual deletion of scanned documents completed properly.             | -                      |
| 2DA4              | Sent Fax Documents in shared folder deleted upon user's request.             | Manual deletion of transmitted FAX documents completed properly.     | -                      |
| 2DA5              | Received Fax Documents in shared folder deleted upon user's request.         | Manual deletion of received FAX documents completed properly.        | -                      |
| 2DA6              | Failed to delete file.   | File deletion failure  | P. 5-107               |
| 2DA7              | Failed to acquire resource.  | Resource acquiring failure   | P. 5-107               |
| 2DC0              | Job canceled   | Job canceling  | -                      |
| 2DC1              | Power failure occurred   | Power failure  | P. 5-108               |

6) E-mail reception related error

| Error code | Message displayed in the TopAccess screen   | Contents                             | Troubleshooting |
|------------|---|--------------------------------------|-----------------|
| 3A10       | MIME Error has been detected in the received mail.  | E-mail MIME error                    | P. 5-109        |
| 3A11       | MIME Error has been detected in the received mail. This mail has been transferred to the administrator.                         |                                      | P. 5-109        |
| 3A12       | MIME Error has been detected in the received mail. This mail could not be transferred to the administrator.                     |                                      | P. 5-109        |
| 3A20       | Analyze Error has been detected in the received mail.   | E-mail analysis error                | P. 5-109        |
| 3A21       | Analyze Error has been detected in the received mail. This mail has been transferred to the administrator.                      |                                      | P. 5-109        |
| 3A22       | Analyze Error has been detected in the received mail. This mail could not be transferred to the administrator.                  |                                      | P. 5-109        |
| 3A30       | Whole partial mails were not reached by timeout.  | Partial mail time-out error          | P. 5-109        |
| 3A40       | Partial Mail Error has been detected in the received mail.  | Partial mail related error           | P. 5-109        |
| 3A50       | HDD Full Error has been occurred in this mail.  | Insufficient HDD capacity error      | P. 5-109        |
| 3A51       | HDD Full Error has been occurred in this mail. This mail has been transferred to the administrator.                             |                                      | P. 5-109        |
| 3A52       | HDD Full Error has been occurred in this mail. This mail could not be transferred to the administrator.                         |                                      | P. 5-109        |
| 3A60       | HDD Full Warning has been occurred in this mail.  | Warning of insufficient HDD capacity | P. 5-109        |
| 3A61       | HDD Full Warning has been occurred in this mail. This mail could not be transferred to the administrator.                       |                                      | P. 5-109        |
| 3A62       | HDD Full Warning has been occurred in this mail. This mail could not be transferred to the administrator.                       |                                      | P. 5-109        |
| 3A70       | Receiving partial mail was aborted since the partial mail setting has been changed to Disable.                                  | Warning of partial mail interruption | P. 5-109        |
| 3A80       | Partial mail was received during the partial mail setting is disabled.  | Partial mail reception setting OFF   | P. 5-109        |
| 3A81       | Partial mail was received during the partial mail setting is disabled. This mail has been transferred to the administrator.     |                                      | P. 5-109        |
| 3A82       | Partial mail was received during the partial mail setting is disabled. This mail could not be transferred to the administrator. |                                      | P. 5-109        |
| 3B10       | Format Error has been detected in the received mail.  | E-mail format error                  | P. 5-109        |
| 3B11       | Format Error has been detected in the received mail. This mail has been transferred to the administrator.                       |                                      | P. 5-109        |
| 3B12       | Format Error has been detected in the received mail. This mail could not be transferred to the administrator.                   |                                      | P. 5-109        |

| <b>Error code</b> | <b>Message displayed in the TopAccess screen</b>  | <b>Contents</b>     | <b>Troubleshooting</b> |
|-------------------|---|---------------------|------------------------|
| 3B20              | Content-Type Error has been detected in the received mail.  | Content-Type error  | P. 5-109               |
| 3B21              | Content-Type Error has been detected in the received mail. This mail has been transferred to the administrator.         |                     | P. 5-109               |
| 3B22              | Content-Type Error has been detected in the received mail. This mail could not be transferred to the administrator.     |                     | P. 5-109               |
| 3B30              | Charset Error has been detected in the received mail.   | Charset error       | P. 5-109               |
| 3B31              | Charset Error has been detected in the received mail. This mail has been transferred to the administrator.              |                     | P. 5-109               |
| 3B32              | Charset Error has been detected in the received mail. This mail could not be transferred to the administrator.          |                     | P. 5-109               |
| 3B40              | Decode Error has been detected in the received mail.  | E-mail decode error | P. 5-109               |
| 3B41              | Decode Error has been detected in the received mail. This mail has been transferred to the administrator.               |                     | P. 5-109               |
| 3B42              | Decode Error has been detected in the received mail. This mail could not be transferred to the administrator.           |                     | P. 5-109               |
| 3C10              | Tiff Analyze Error has been detected in the received mail.  | TIFF analysis error | P. 5-109               |
| 3C11              | Tiff Analyze Error has been detected in the received mail. This mail has been transferred to the administrator.         |                     | P. 5-109               |
| 3C12              | Tiff Analyze Error has been detected in the received mail. This mail could not be transferred to the administrator.     |                     | P. 5-109               |
| 3C13              | Tiff Analyze Error has been detected in the received mail.  |                     | P. 5-109               |
| 3C20              | Tiff Compression Error has been detected in the received mail.  | E-mail format error | P. 5-109               |
| 3C21              | Tiff Compression Error has been detected in the received mail. This mail has been transferred to the administrator.     |                     | P. 5-109               |
| 3C22              | Tiff Compression Error has been detected in the received mail. This mail could not be transferred to the administrator. |                     | P. 5-109               |
| 3C30              | Tiff Resolution Error has been detected in the received mail.   | Content-Type error  | P. 5-110               |
| 3C31              | Tiff Resolution Error has been detected in the received mail. This mail has been transferred to the administrator.      |                     | P. 5-110               |
| 3C32              | Tiff Resolution Error has been detected in the received mail. This mail could not be transferred to the administrator.  |                     | P. 5-110               |

| <b>Error code</b> | <b>Message displayed in the TopAccess screen</b>   | <b>Contents</b>                       | <b>Troubleshooting</b> |
|-------------------|--|---------------------------------------|------------------------|
| 3C40              | Tiff Paper Size Error has been detected in the received mail.  | Charset error                         | P. 5-110               |
| 3C41              | Tiff Paper Size Error has been detected in the received mail. This mail has been transferred to the administrator.         |                                       | P. 5-110               |
| 3C42              | Tiff Paper Size Error has been detected in the received mail. This mail could not be transferred to the administrator.     |                                       | P. 5-110               |
| 3C50              | Offramp Destination Error has been detected in the received mail.  | E-mail decode error                   | P. 5-110               |
| 3C51              | Offramp Destination Error has been detected in the received mail. This mail has been transferred to the administrator.     |                                       | P. 5-110               |
| 3C52              | Offramp Destination Error has been detected in the received mail. This mail could not be transferred to the administrator. |                                       | P. 5-110               |
| 3C60              | Offramp Security Error has been detected in the received mail.   | TIFF analysis error                   | P. 5-110               |
| 3C61              | Offramp Security Error has been detected in the received mail. This mail has been transferred to the administrator.        |                                       | P. 5-110               |
| 3C62              | Offramp Security Error has been detected in the received mail. This mail could not be transferred to the administrator.    |                                       | P. 5-110               |
| 3C70              | Power Failure has been occurred in Email receiving.  | Power failure error                   | P. 5-110               |
| 3D10              | SMTP Destination Error has been detected in the received mail. This mail was deleted.                                      | Destination address error             | P. 5-110               |
| 3D20              | Offramp Destination limitation Error has been detected in the received mail.   | Offramp destination limitation error  | P. 5-110               |
| 3D30              | Fax Board Error has been occurred in the received mail.  | FAX board error                       | P. 5-110               |
| 3E10              | POP3 Connection Error has been occurred in the received mail.  | POP3 server connection error          | P. 5-110               |
| 3E20              | POP3 Connection Timeout Error has been occurred in the received mail.  | POP3 server connection time-out error | P. 5-110               |
| 3E30              | POP3 Login Error has been occurred in the received mail.   | POP3 login error                      | P. 5-110               |
| 3E40              | POP3 Login Error occurred in the received mail.  | POP3 login method error               | P. 5-110               |
| 3F00              | File I/O Error has been occurred in this mail. The mail could not be received until File I/O is recovered.                 | File I/O error                        | P. 5-110               |
| 3F10              |  |                                       | P. 5-110               |
| 3F20              |  |                                       | P. 5-110               |
| 3F30              |  |                                       | P. 5-110               |
| 3F40              |  |                                       | P. 5-110               |

## 2.1.4 Printer function error

Following codes are displayed at the end of the user name on the print job log screen.

| Error code | Contents  | Troubleshooting |
|------------|---|-----------------|
| 402F       | Page memory size error - 1200 dpi network print is performed by the equipment with 128 MB (standard) memory.  | P. 5-111        |
| 4031       | HDD full during print - Large quantity image data by private print or invalid network print are saved in HDD.   | P. 5-111        |
| 4032       | Private-print-only error: Jobs other than Private print jobs cannot be performed.   | P. 5-111        |
| 4033       | Printing data storing limitation error: Printing with its data being stored to the HDD temporarily (Proof print, Private print, Scheduled print, etc.) cannot be performed. | P. 5-111        |
| 4034       | e-Filing storing limitation error: Printing with its data being stored to the HDD (print and e-Filing, print to e-Filing, etc.) cannot be performed.                        | P. 5-111        |
| 4035       | Local file storing limitation error: Network FAX or Internet FAX cannot be sent when "Local" is selected for the destination of the file to save.                           | P. 5-111        |
| 4036       | User authentication error: The user who intended to print a document is not registered as a user.   | P. 5-111        |
| A221       | Print job cancellation - Print job (copy, list print, network print) is deleted from the print job screen.  | P. 5-111        |
| A222       | Print job power failure - The power of the equipment is turned OFF during print job (copy, list print, network print).  | P. 5-111        |
| A290       | Limit over error (Black): The numbers of output pages have exceeded those specified with both of the department code and the user code at the same time.                    | P. 5-111        |
| A291       | Limit over error (Black): The number of output pages has exceeded the one specified with the user code.   | P. 5-111        |
| A292       | Limit over error (Black): The number of output pages has exceeded the one specified with the department code.   | P. 5-111        |
| A2A0       | Limit over error (Color): The numbers of output pages have exceeded those specified with both of the department code and the user code at the same time.                    | P. 5-111        |
| A2A1       | Limit over error (Color): The number of output pages has exceeded the one specified with the user code.   | P. 5-111        |
| A2A2       | Limit over error (Color): The number of output pages has exceeded the one specified with the department code.   | P. 5-111        |

<<Error history>>

In the setting mode (08-253), the latest twenty groups of error data will be displayed.

Display example

|             |                 |   |            |            |                    |
|-------------|-----------------|---|------------|------------|--------------------|
| <u>EA10</u> | <u>99999999</u> | <u>05 06 14 17 57 32</u>                                | <u>064</u> | <u>064</u> | <u>23621000000</u> |
| Error code  | Total counter   | YY MM DD HH MM SS                                       | MMM        | NNN        | ABCDEFGHIJLO       |
| 4 digits    | 8 digits        | 12 digits (Year is indicated with its last two digits.) | 3 digits   | 3 digits   | 11 digits          |

|     |   |
|-----|---|
| A   | Paper source  |
|     | 0: Not selected 1: Bypass feed 2: LCF 3: Upper drawer 4: Lower drawer 5: PFP upper drawer 6: PFP lower drawer 7: Unused 8: Unused   |
| B   | Paper size code   |
|     | 0: A5/ST 1: A5-R 2: ST-R 3: LT, 4: A4 5: B5-R 6: LT-R 7: A4-R 8: OTHER/UNIV 9: B5, A: FOLIO/COMP B: LG C: B4 D: LD E: A3 F: 13"LG G: Unused H: A6-R I: Post card J: 8.5"SQ K: A3-wide L: 305×457 mm M: 8K N: 16K-R O: 16K Z: Not selected |
| C   | Sort mode/staple mode   |
|     | 0: Non-sort/Non-staple 1: Group 2: Sort 7: Front staple 8: Double staple 9: Rear staple A: Saddle stitch  |
| D   | ADF mode  |
|     | 0: Unused 1: AUTO FEED (SADF) 2: STACK FEED   |
| E   | APS/AMS mode  |
|     | 0: Not selected 1: APS 2: AMS   |
| F   | Duplex mode   |
|     | 0: Not selected 1: Book 2: Double-sided/Single-sided 4: Double-sided/Duplex copying 8: Single-sided/Duplex copying  |
| G   | Unused  |
| H   | Image shift   |
|     | 0: Unused 1: Book 2: Left 4: Right  |
| I   | Editing   |
|     | 0: Unused 1: Masking 2: Trimming 3: Mirror image 4: Unused  |
| J   | Edge erase/Dual-page  |
|     | 0: Unused 1: Edge erase 2: Dual-page 3: Edge erase & Dual-page  |
| K   | Unused  |
| L   | Function  |
|     | 0: Unused 1: Copying 2: FAX/Internet FAX transmission 3: FAX/Internet FAX/E-mail reception printing 4: Unused 5: Printing/List print 6: Scan/E-mail transmission  |
| MMM | Primary scanning reproduction ratio (Display in hexadecimal)<br>(Mx256)+(Mx16)+M  |
| NNN | Secondary scanning reproduction ratio (Display in hexadecimal)<br>(Nx256)+(Nx16)+N  |
| O   | Color mode  |
|     | 0: Auto color 1: Full color 2: Black 3: Unused 4: Twin color copy 5: Gray scale 6: Unused 7: Image smoothing  |



## 2.2 Self-diagnosis Modes

| Mode                     | For start               | Contents   | For exit          | Display                  |
|--------------------------|-------------------------|--|-------------------|--------------------------|
| Control panel check mode | [0]+[1]+<br>[POWER]     | All LEDs on the control panel are lit, and all the LCD pixels blink.                 | [POWER]<br>OFF/ON | -                        |
| Test mode                | [0]+[3]+<br>[POWER]     | Checks the status of input/output signals.   | [POWER]<br>OFF/ON | 100% C A4<br>TEST MODE   |
| Test print mode          | [0]+[4]+<br>[POWER]     | Outputs the test patterns.   | [POWER]<br>OFF/ON | 100% P A4<br>TEST PRINT  |
| Adjustment mode          | [0]+[5]+<br>[POWER]     | Adjusts various items.   | [POWER]<br>OFF/ON | 100% A A4<br>TEST MODE   |
| Setting mode             | [0]+[8]+<br>[POWER]     | Sets various items.  | [POWER]<br>OFF/ON | 100% D<br>TEST MODE      |
| List print mode          | [9]+[START]+<br>[POWER] | Prints out the data lists of the codes 05 and 08, PM support mode and pixel counter. | [POWER]<br>OFF/ON | 100% UA A4<br>LIST PRINT |
| PM support mode          | [6]+[START]+<br>[POWER] | Clears each counter.   | [POWER]<br>OFF/ON | 100% K<br>TEST MODE      |
| Firmware update mode     | [8]+[9]+<br>[POWER]     | Performs updating of the system firmware.  | [POWER]<br>OFF/ON | -                        |

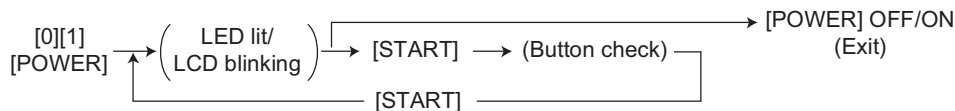
### Notes:

- To enter the desired mode, turn ON the power while two digital keys designated to each mode (e.g. [0] and [5]) are pressed simultaneously.
- When the optional FAX unit is installed, Faxes received automatically during the self-diagnosis mode may not be printed out. Be sure to disconnect the modular code from the line connectors (LINE1, LINE2) of the equipment before starting the self-diagnosis mode. Also, be sure to finish the self-diagnosis mode by turning the power OFF and back ON before connecting the modular code.

To exit from Adjustment mode and Setting mode:  
Shut down the equipment. When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

### <Operation procedure>

- Control panel check mode (01):

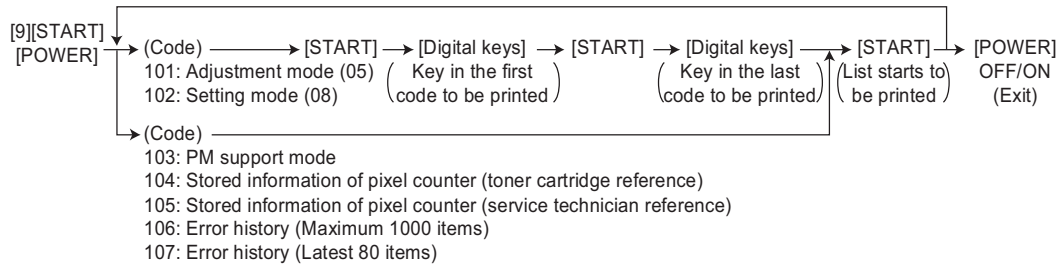


### Notes:

- A mode can be canceled by [POWER] OFF/ON when the LED is lit and the LCD is blinking.
  - Button Check
    - Buttons with LED (Press to turn OFF the LED.)
    - Buttons without LED (Press to display the message on the control panel.)
    - Button on touch panel (Press to display the screen on the control panel at power-ON.)
- Test mode (03): Refer to “2.2.1. Input check (test mode 03)” and “2.2.2. Output check (test mode 03)”.
  - Test print mode (04): Refer to “2.2.3. Test print mode (04)”.
  - Adjustment mode (05): Refer to “2.2.4. Adjustment mode (05)”.
  - Setting mode (08): Refer to “2.2.5. Setting mode (08)”.



- List print mode (9S): The procedure varies depending on the code.



- PM support mode (6S):



- Firmware update mode (89): Refer to "6. FIRMWARE UPDATING".

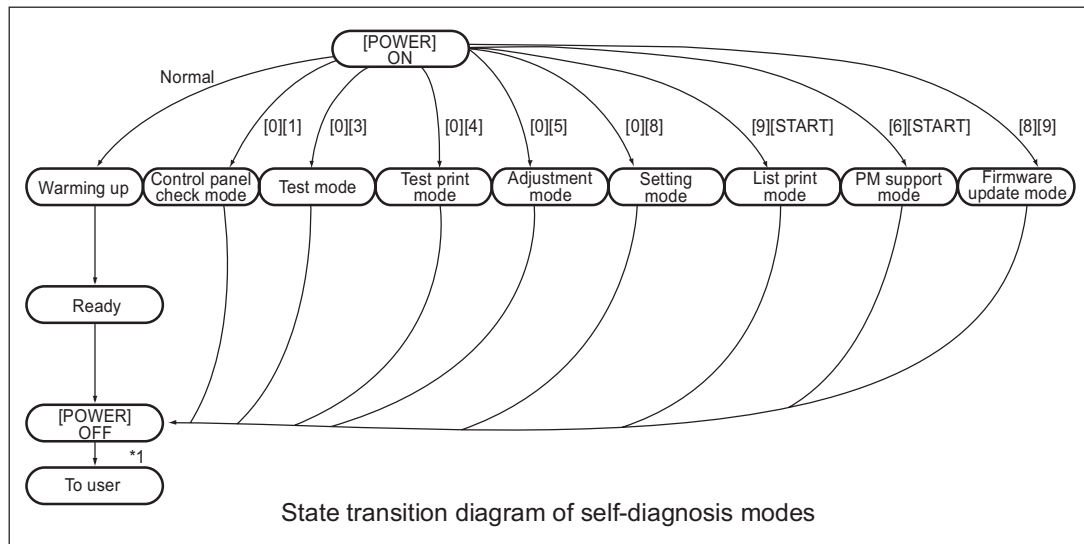


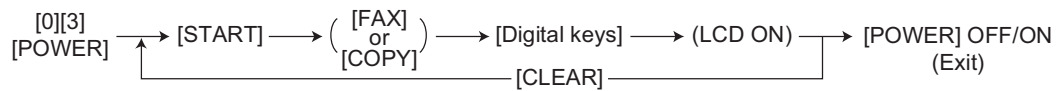
Fig. 2-1

\*1 Turn OFF the power after using the self-diagnosis mode, and leave the equipment to the user.

## 2.2.1 Input check (Test mode 03)

The status of each input signal can be checked by pressing the [FAX] button, [COPY] button and the digital keys in the test mode (03).

<Operation procedure>



**Note:**

Initialization is performed before the equipment enters the test mode.

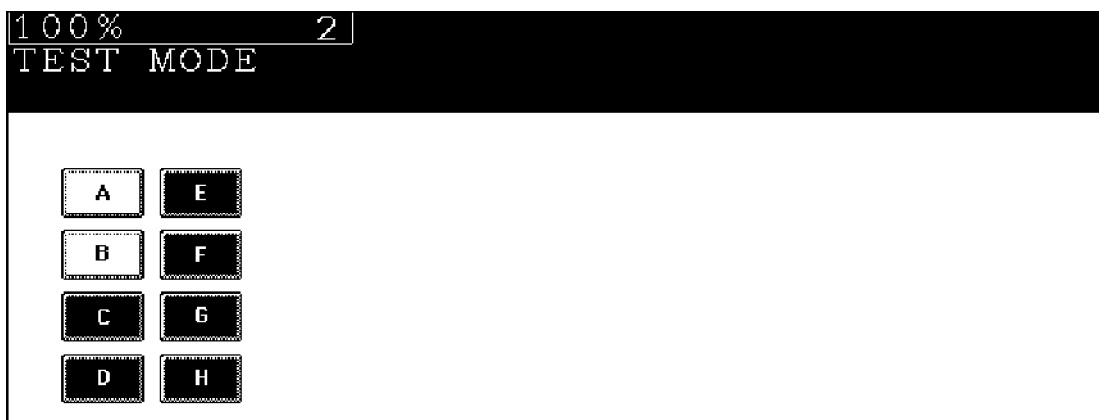






Fig. 2-2 Example of display during input check

Items to be checked and the condition of the equipment when the buttons [A] to [H] are highlighted are listed in the following pages.

[FAX] button: OFF/[COPY] button: OFF ([FAX] LED: OFF/[COPY] LED: OFF)

| Digital key | Button | Items to check  | Contents  |  |
|-------------|--------|---|---|--|
|             |        |   | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [1]         | A      | Bypass unit connection  | Not connected   | Connected  |
|             | B      | ADU connection  | Not connected   | Connected  |
|             | C      | -   | -   | -  |
|             | D      | LCF connection  | Not connected   | Connected  |
|             | E      | -   | -   | -  |
|             | F      | -   | -   | -  |
|             | G      | -   | -   | -  |
|             | H      | LCF drawer detection switch                                       | Drawer not installed  | Drawer present   |
| [2]         | A      | PFP upper drawer detection switch                                 | Drawer not installed  | Drawer present   |
|             | B      | -   | -   | -  |
|             | C      | PFP upper drawer paper stock sensor                               | Paper almost empty  | Paper present  |
|             | D      | PFP upper drawer feed sensor                                      | Paper present   | No paper   |
|             | E      | PFP connection  | Not connected   | Connected  |
|             | F      | PFP side cover open/close switch                                  | Cover opened  | Cover closed   |
|             | G      | PFP upper drawer empty sensor                                     | No paper  | Paper present  |
|             | H      | PFP upper drawer tray-up sensor                                   | Tray at upper limit position  | Other than upper limit position  |
| [3]         | A      | LCF tray bottom sensor  | Tray at bottom position   | Other than upper limit position  |
|             | B      | LCF standby side paper misload detection sensor                   | Properly loaded   | Paper misload  |
|             | C      | -   | -   | -  |
|             | D      | -   | -   | -  |
|             | E      | -   | -   | -  |
|             | F      | -   | -   | -  |
|             | G      | -   | -   | -  |
|             | H      | Paper stock sensor at LCF feed side                               | Paper present   | No paper   |
| [4]         | A      | PFP lower drawer detection switch                                 | Drawer not installed  | Drawer present   |
|             | B      | -   | -   | -  |
|             | C      | PFP lower drawer paper stock sensor                               | Paper almost empty  | Paper present  |
|             | D      | PFP lower drawer feed sensor                                      | Paper present   | No paper   |
|             | E      | PFP motor rotation status (Motor is rotating at output mode (03)) | Abnormal rotation   | Normal rotation  |
|             | F      | -   | -   | -  |
|             | G      | PFP lower drawer empty sensor                                     | No paper  | Paper present  |
|             | H      | PFP lower drawer tray-up sensor                                   | Tray at upper limit position  | Other than upper limit position  |

| Digital key | Button | Items to check  | Contents  |  |
|-------------|--------|---|---|--|
|             |        |   | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [5]         | A      | LCF end fence home position sensor                                | Fence home position   | Other than home position   |
|             | B      | LCF end fence stop position sensor                                | Fence stop position   | Other than stop position   |
|             | C      | Empty sensor at LCF standby side                                  | No paper  | Paper present  |
|             | D      | LCF side cover open/close switch                                  | Cover closed  | Cover opened   |
|             | E      | LCF motor rotation status (Motor is rotating at output mode (03)) | Abnormal rotation   | Normal rotation  |
|             | F      | LCF tray-up sensor  | Tray at upper limit position  | Other than upper limit position  |
|             | G      | LCF feed sensor   | No paper  | Paper present  |
|             | H      | Empty sensor at LCF feed side                                     | No paper  | Paper present  |
| [6]         | A      | Lower drawer detection switch                                     | Drawer not installed  | Drawer present   |
|             | B      | Upper drawer detection switch                                     | Drawer not installed  | Drawer present   |
|             | C      | Lower drawer paper stock sensor                                   | Paper almost empty  | Paper present  |
|             | D      | Upper drawer paper stock sensor                                   | Paper almost empty  | Paper present  |
|             | E      | Lower drawer empty sensor   | No paper  | Paper present  |
|             | F      | Upper drawer empty sensor   | No paper  | Paper present  |
|             | G      | Lower drawer tray-up sensor                                       | Tray at upper limit position  | Other than upper limit position  |
|             | H      | Upper drawer tray-up sensor                                       | Tray at upper limit position  | Other than upper limit position  |
| [7]         | A      | -   | -   | -  |
|             | B      | -   | -   | -  |
|             | C      | -   | -   | -  |
|             | D      | -   | -   | -  |
|             | E      | Side cover open/close switch                                      | Cover opened  | Cover closed   |
|             | F      | Front cover opening/closing switch                                | Cover opened  | Cover closed   |
|             | G      | -   | -   | -  |
|             | H      | Exit sensor   | Paper present   | No paper   |
| [8]         | A      | Bypass feed paper width sensor 3 (Refer to table1)                | Bit 1   | Bit 0  |
|             | B      | Bypass feed paper width sensor 2 (Refer to table1)                | Bit 1   | Bit 0  |
|             | C      | Bypass feed paper width sensor 1 (Refer to table1)                | Bit 1   | Bit 0  |
|             | D      | Bypass feed paper width sensor 0 (Refer to table1)                | Bit 1   | Bit 0  |
|             | E      | Bypass sensor   | No paper  | Paper present  |
|             | F      | ADU opening/closing switch  | ADU opened  | ADU closed   |
|             | G      | ADU exit sensor   | Paper present   | No paper   |
|             | H      | ADU entrance sensor   | Paper present   | No paper   |







| Digital key | Button | Items to check              | Contents  |  |
|-------------|--------|-----------------------------|---|--|
|             |        |                             | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [9]         | A      | -                           | -   | -  |
|             | B      | -                           | -   | -  |
|             | C      | -                           | -   | -  |
|             | D      | -                           | -   | -  |
|             | E      | -                           | -   | -  |
|             | F      | Key copy counter connection | Not connected   | Connected  |
|             | G      | -                           | -   | -  |
|             | H      | -                           | -   | -  |
| [0]         | A      | -                           | -   | -  |
|             | B      | -                           | -   | -  |
|             | C      | -                           | -   | -  |
|             | D      | -                           | -   | -  |
|             | E      | -                           | -   | -  |
|             | F      | -                           | -   | -  |
|             | G      | -                           | -   | -  |
|             | H      | -                           | -   | -  |



Table 1. Relation between the status of the bypass paper width sensor and paper size (width).

| Bypass paper width sensor |   |   |   | Paper width size |
|---------------------------|---|---|---|------------------|
| 3                         | 2 | 1 | 0 |                  |
| 0                         | 1 | 1 | 1 | A3/LD            |
| 1                         | 0 | 1 | 1 | A4-R/LT-R        |
| 1                         | 1 | 0 | 1 | A5-R/ST-R        |
| 1                         | 1 | 1 | 0 | Card size        |
| 0                         | 0 | 1 | 1 | B4-R/LG          |
| 1                         | 0 | 0 | 1 | B5-R             |

[FAX] button: ON/[COPY] button: OFF ([FAX] LED: ON/[COPY] LED: OFF)



| Digital key | Button | Items to check  | Contents  |  |
|-------------|--------|---|---|--|
|             |        |   | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [1]         | A      | 2nd transfer roller position detection sensor                           | Released  | Contacted  |
|             | B      | Black developer contact timing detection sensor                         | Releasing movement  | Contacting movement  |
|             | C      | Black developer contact position detection sensor                       | Released position   | Contacted position   |
|             | D      | Main motor rotation status (Motor is rotating at Output Mode (03))      | Abnormal rotation   | Normal rotation  |
|             | E      | Developer motor rotation status (Motor is rotating at Output Mode (03)) | Abnormal rotation   | Normal rotation  |
|             | F      | Transport motor rotation status (Motor is rotating at Output Mode (03)) | Abnormal rotation   | Normal rotation  |
|             | G      | Polygonal motor rotation status (Motor is rotating at Output Mode (03)) | Abnormal rotation   | Normal rotation  |
|             | H      | 24V Power supply  | Power OFF   | Power ON   |
| [2]         | A      | IPC board connection  | Not connected   | Connected  |
|             | B      | Color toner cartridge sensor  | Normally  | Installation fault   |
|             | C      | Revolver home position sensor   | Home position   | Other than home position   |
|             | D      | -   | -   | -  |
|             | E      | -   | -   | -  |
|             | F      | Toner bag full detection sensor   | Toner bag full  | Not full   |
|             | G      | Black auto-toner sensor connection                                      | Not connected   | Connected  |
|             | H      | -   | -   | -  |
| [3]         | A      | -   | -   | -  |
|             | B      | -   | -   | -  |
|             | C      | -   | -   | -  |
|             | D      | -   | -   | -  |
|             | E      | -   | -   | -  |
|             | F      | -   | -   | -  |
|             | G      | Lower drawer feed sensor  | No paper  | Paper present  |
|             | H      | Upper drawer feed sensor  | Paper present   | No paper   |
| [4]         | A      | -   | -   | -  |
|             | B      | -   | -   | -  |
|             | C      | -   | -   | -  |
|             | D      | -   | -   | -  |
|             | E      | Bridge unit connection  | Not connected   | Connected  |
|             | F      | Color auto-toner sensor connection                                      | Not connected   | Connected  |
|             | G      | -   | -   | -  |
|             | H      | -   | -   | -  |



| Digital key | Button | Items to check                     | Contents  |  |
|-------------|--------|------------------------------------|---|--|
|             |        |                                    | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [5]         | A      | -                                  | -   | -  |
|             | B      | -                                  | -   | -  |
|             | C      | -                                  | -   | -  |
|             | D      | -                                  | -   | -  |
|             | E      | -                                  | -   | -  |
|             | F      | RADF connection                    | RADF connected  | Not connected  |
|             | G      | Platen sensor                      | Platen cove opened  | Platen cover closed  |
|             | H      | Carriage home position sensor      | Home position   | Other than home position   |
| [6]         | A      | -                                  | -   | -  |
|             | B      | -                                  | -   | -  |
|             | C      | -                                  | -   | -  |
|             | D      | APS sensor (APS-R)                 | No original   | Original present   |
|             | E      | APS sensor (APS-C)                 | No original   | Original present   |
|             | F      | APS sensor (APS-3)                 | No original   | Original present   |
|             | G      | APS sensor (APS-2)                 | No original   | Original present   |
|             | H      | APS sensor (APS-1)                 | No original   | Original present   |
| [7]         | A      | RADF tray sensor                   | Original present  | No original  |
|             | B      | RADF empty sensor                  | Original present  | No original  |
|             | C      | RADF jam access cover sensor       | Cover opened  | Cover closed   |
|             | D      | RADF open/close sensor             | RADF opened   | RADF closed  |
|             | E      | RADF exit sensor                   | Original present  | No original  |
|             | F      | RADF intermediate sensor           | Original present  | No original  |
|             | G      | RADF read sensor                   | Original present  | No original  |
|             | H      | RADF registration sensor           | Original present  | No original  |
| [8]         | A      | -                                  | -   | -  |
|             | B      | -                                  | -   | -  |
|             | C      | -                                  | -   | -  |
|             | D      | -                                  | -   | -  |
|             | E      | RADF original length sensor        | Original present  | No original  |
|             | F      | RADF original width sensor 1       | Original present  | No original  |
|             | G      | RADF original width sensor 2       | Original present  | No original  |
|             | H      | -                                  | -   | -  |
| [9]         | A      | Black toner cartridge switch       | Cartridge not installed   | Cartridge installed  |
|             | B      | -                                  | -   | -  |
|             | C      | -                                  | -   | -  |
|             | D      | Bypass feed sensor                 | No paper  | Paper present  |
|             | E      | Registration sensor                | Paper present   | No paper   |
|             | F      | -                                  | -   | -  |
|             | G      | -                                  | -   | -  |
|             | H      | Transfer belt home position sensor | Home position   | Other tha home position  |

| Digital key | Button | Items to check                                  | Contents  |  |
|-------------|--------|---|---|--|
|             |        |   | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [0]         | A      | Bridge unit transport sensor 2                  | Paper present   | No paper   |
|             | B      | Bridge unit cover open/close detection switch   | Cover opened  | Cover closed   |
|             | C      | Bridge unit transport sensor 1                  | Paper present   | No paper   |
|             | D      | Bridge unit paper full detection sensor         | Paper not full  | Paper full   |
|             | E      | -   | -   | -  |
|             | F      | Charger cleaner front position detection switch | Cleaner home position   | Other than home position   |
|             | G      | Charger cleaner rear position detection switch  | Cleaner rear position   | Other than rear position   |
|             | H      | -   | -   | -  |



[FAX] button: OFF/[COPY] button: ON ([FAX] LED: OFF/[COPY] LED: ON)

| Digital key | Button | Items to check   | Contents  |  |
|-------------|--------|--|---|--|
|             |        |  | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [1]         | -      | Temperature/humidity sensor (displays temperature inside of the equipment) | -   | Temperature [°C]   |
| [2]         | -      | Temperature/humidity sensor (displays humidity inside of the equipment)    | -   | Humidity [%RH]   |
| [3]         | -      | Drum thermistor (displays drum surface temperature)                        | -   | Temperature [°C]   |
| [4]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |
| [5]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |
| [6]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |
| [7]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |
| [8]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |

| Digital key | Button | Items to check                                   | Contents  |  |
|-------------|--------|--|---|--|
|             |        |  | Highlighted display<br>e.g.  | Normal display<br>e.g.  |
| [9]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | -  | -   | -  |
|             | E      | -  | -   | -  |
|             | F      | -  | -   | -  |
|             | G      | -  | -   | -  |
|             | H      | -  | -   | -  |
| [0]         | A      | -  | -   | -  |
|             | B      | -  | -   | -  |
|             | C      | -  | -   | -  |
|             | D      | Dongles for other equipments / Other USB devices | Connectable   | Not connectable  |
|             | E      | Judgement for acceptable USB storage device (*1) | Acceptable  | Not acceptable   |
|             | F      | -  | -   | -  |
|             | H      | -  | -   | -  |

\*1

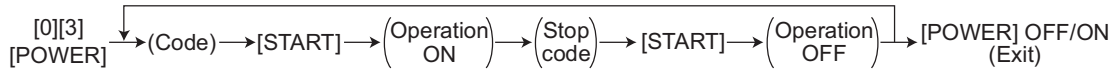
- Be sure to install the USB storage device to the equipment and check if the device can be used with this code.
- Be sure to turn OFF the write protection (the function to prevent data from erasure by the accidental recording or deleting) of the USB storage device before performing the check, otherwise this code cannot be used.
- It may take some time (2 sec. to 10 sec.) before this check is completed depending on the USB storage device.

## 2.2.2 Output check (test mode 03)

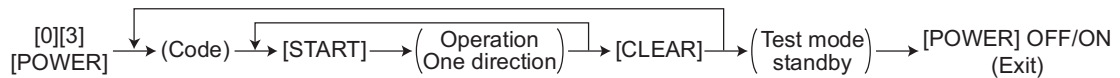
Status of the output signals can be checked by entering the following codes in the test mode 03.

<Operation procedure>

Procedure 1



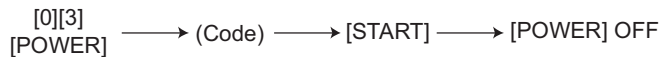
Procedure 2



Procedure 3



Procedure 4



| Code | Function   | Code | Function                 | Procedure |
|------|--|------|--------------------------|-----------|
| 101  | Main motor ON (Operational without black developer unit)   | 151  | Code No.101 function OFF | 1         |
| 102  | Toner motor K (normal rotation) ON                         | 152  | Code No.102 function OFF | 1         |
| 103  | Polygonal motor (600dpi) ON                                | 153  | Code No.103 function OFF | 1         |
| 108  | Registration clutch ON                                     | 158  | Code No.108 function OFF | 1         |
| 109  | PFP motor ON   | 159  | Code No.109 function OFF | 1         |
| 110  | ADU motor ON   | 160  | Code No.110 function OFF | 1         |
| 112  | Developer motor ON (Operational with black developer unit) | 162  | Code No.112 function OFF | 1         |
| 115  | Drum cleaning brush motor ON                               | 165  | Code No.115 function OFF | 1         |
| 116  | Transfer belt cleaner auger motor ON                       | 166  | Code No.116 function OFF | 1         |
| 118  | Laser ON   | 168  | Code No.118 function OFF | 1         |
| 120  | Exit motor (normal rotation) ON                            | 170  | Code No.120 function OFF | 1         |
| 121  | Exit motor (reversal rotation) ON                          | 171  | Code No.121 function OFF | 1         |
| 122  | LCF motor ON   | 172  | Code No.122 function OFF | 1         |
| 123  | Transport motor ON   | 173  | Code No.123 function OFF | 1         |
| 124  | Toner motor K (reversal rotation) ON                       | 174  | Code No.124 function OFF | 1         |
| 125  | Color auto-toner sensor shutter solenoid ON (open)         | 175  | Code No.125 function OFF | 1         |
| 126  | Color auto-toner sensor LED ON                             | 176  | Code No.126 function OFF | 1         |

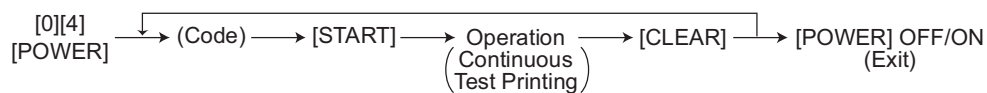
| <b>Code</b> | <b>Function</b>  | <b>Procedure</b> |
|-------------|--|------------------|
| 201         | Upper drawer feed clutch ON/OFF  | 3                |
| 202         | Lower drawer feed clutch ON/OFF  | 3                |
| 203         | Lower transport clutch (high speed) ON/OFF   | 3                |
| 204         | Bypass feed clutch ON/OFF  | 3                |
| 205         | Lower transport clutch (low speed) ON/OFF  | 3                |
| 206         | LCF pickup solenoid ON/OFF   | 3                |
| 207         | LCF end fence reciprocating movement   | 2                |
| 208         | LCF end fence motor ON/OFF   | 3                |
| 209         | LCF feed clutch ON/OFF   | 3                |
| 210         | LCF transport clutch ON/OFF  | 3                |
| 218         | Key copy counter count up  | 2                |
| 225         | PFP transport clutch ON/OFF  | 3                |
| 226         | PFP upper drawer feed clutch ON/OFF  | 3                |
| 228         | PFP lower drawer feed clutch ON/OFF  | 3                |
| 232         | Bridge unit gate solenoid ON/OFF   | 3                |
| 235         | Discharge LED ON/OFF   | 3                |
| 241         | IH board cooling fan (low speed) ON/OFF  | 3                |
| 242         | Upper drawer tray-up motor ON (tray up)  | 2                |
| 243         | Lower drawer tray-up motor ON (tray up)  | 2                |
| 248         | Developer bias (Black) [+DC] ON/OFF  | 3                |
| 249         | Developer bias (Black) [-DC] ON/OFF  | 3                |
| 252         | Main charger ON/OFF  | 3                |
| 261         | Scan motor ON (Automatically stops at limit position, speed can be changed by using ZOOM button) | 2                |
| 264         | SLG board cooling fan / Scanner unit cooling fan ON (high/low speed)                             | 1                |
| 265         | SLG board cooling fan / Scanner unit cooling fan OFF   | 1                |
| 267         | Scanner exposure lamp ON/OFF   | 3                |
| 268         | Laser unit cooling fan (high speed) ON/OFF   | 3                |
| 271         | LCF tray-up motor UP/DOWN  | 2                |
| 278         | PFP upper drawer tray-up motor ON (tray up)  | 2                |
| 280         | PFP lower drawer tray-up motor ON (tray up)  | 2                |
| 281         | RADF feed motor ON/OFF (normal rotation)   | 3                |
| 282         | RADF feed motor ON/OFF (reverse rotation)  | 3                |
| 283         | RADF read motor ON/OFF   | 3                |
| 284         | RADF exit/reverse motor ON/OFF (normal rotation)   | 3                |
| 285         | RADF exit/reverse motor ON/OFF (reverse rotation)  | 3                |
| 294         | RADF reverse solenoid ON/OFF   | 3                |
| 295         | Power OFF mode (for 200V series)   | 4                |
| 297         | RADF fan motor ON/OFF  | 3                |
| 410         | Power supply cooling fan (low speed) ON/OFF  | 3                |
| 411         | Power supply cooling fan (high speed) ON/OFF   | 3                |
| 412         | Internal cooling fan ON/OFF (low speed)  | 3                |

| Code | Function   | Procedure |
|------|--|-----------|
| 413  | Internal cooling fan ON/OFF (high speed)                                   | 3         |
| 416  | IH board cooling fan (high speed) ON/OFF                                   | 3         |
| 417  | Ozone exhaust fan (low speed) ON/OFF                                       | 3         |
| 418  | Ozone exhaust fan (high speed) ON/OFF                                      | 3         |
| 419  | Developer bias (Black) [AC] ON/OFF   | 3         |
| 420  | Developer bias (Color) [+DC] ON/OFF  | 3         |
| 421  | Developer bias (Color) [-DC1] ON/OFF                                       | 3         |
| 422  | Developer bias (Color) [AC] ON/OFF   | 3         |
| 424  | 1st transfer roller bias [+] ON/OFF  | 3         |
| 425  | 1st transfer roller bias [-] ON/OFF  | 3         |
| 426  | 2nd transfer roller bias [+] ON/OFF  | 3         |
| 427  | 2nd transfer roller bias [-] ON/OFF  | 3         |
| 428  | Drum cleaning blade bias ON/OFF  | 3         |
| 430  | Image quality sensor shutter solenoid ON/OFF                               | 3         |
| 431  | Color developer drive clutch ON/OFF  | 3         |
| 432  | Black developer drive clutch ON/OFF  | 3         |
| 433  | Black developer lifting clutch ON/OFF                                      | 3         |
| 435  | 2nd transfer roller contact clutch ON/OFF                                  | 3         |
| 437  | Transfer belt cleaner clutch ON/OFF  | 3         |
| 439  | Upper transport clutch (high speed) ON/OFF                                 | 3         |
| 440  | Upper transport clutch (low speed) ON/OFF                                  | 3         |
| 442  | Color developer toner supply clutch ON/OFF                                 | 3         |
| 450  | Revolver motor ON/OFF (printing operation)                                 | 3         |
| 451  | Revolver motor operation (at standby position)                             | 2         |
| 452  | Revolver motor operation (at toner cartridge Y access position)            | 2         |
| 453  | Revolver motor operation (at toner cartridge M access position)            | 2         |
| 454  | Revolver motor operation (at toner cartridge C access position)            | 2         |
| 455  | Revolver motor operation (at developer unit Y access position)             | 2         |
| 456  | Revolver motor operation (at developer unit M access position)             | 2         |
| 457  | Revolver motor operation (at developer unit C access position)             | 2         |
| 458  | Revolver motor operation (at home position)                                | 2         |
| 459  | Revolver motor operation (at developing position)                          | 2         |
| 460  | Black developer unit lifting movement ON/OFF (continuous lifting movement) | 3         |
| 461  | Charger cleaner motor movement (one reciprocating movement)                | 2         |

## 2.2.3 Test print mode (test mode 04)

The embedded test pattern can be printed out by keying in the following codes in the test print mode (04).

<Procedure 1>



<Procedure 2>



### Notes:

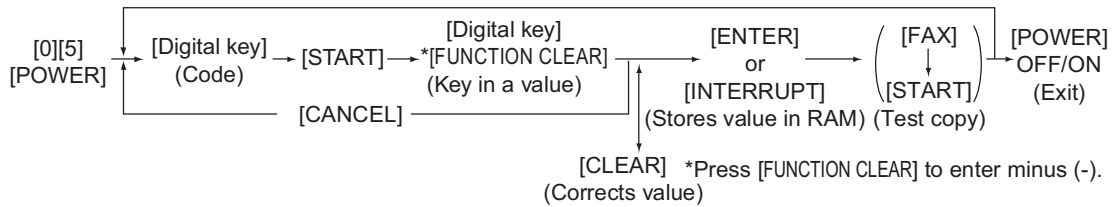
1. When an error occurs, it is indicated on the panel, but the recovery operation is not performed.  
Turn OFF the power and then back ON to clear the error.
2. During test printing, the [CLEAR] button is disabled when "Wait adding toner" is displayed.

| Code | Types of test pattern  | Remarks  | Remarks |
|------|--|--|---------|
| 142  | Grid pattern (black)   | Pattern width: 2 dots, Pitch: 10 mm              | 1       |
| 204  | Grid pattern (color)   | Pattern width: 1 dot, Pitch: 10 mm               | 2       |
| 219  | 6% test pattern  |  | 2       |
| 220  | 8% test pattern  |  | 2       |
| 231  | Secondary scanning direction 33 gradation steps              | 3 pixels standard, Width: 10 mm                  | 2       |
| 237  | Halftone   |  | 2       |
| 250  | Test pattern for KCMY secondary scanning position adjustment | For color deviation check                        | 1       |
| 262  | Pattern for jitter evaluation (4 lines ON / 4 lines OFF)     | 1 pixel standard, for color deviation correction | 2       |
| 270  | Image quality control test pattern                           | For checking the image quality control           | 2       |

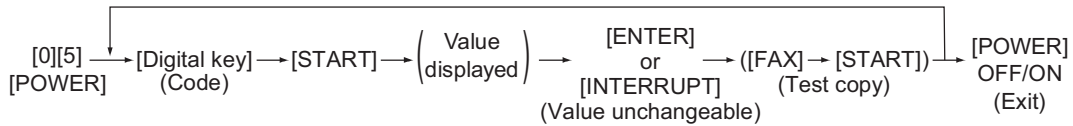
## 2.2.4 Adjustment mode (05)

Items in the adjustment mode list in the following pages can be corrected or changed in this adjustment mode (05). Turn ON the power with pressing the digital keys [0] and [5] simultaneously in order to enter this mode. When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

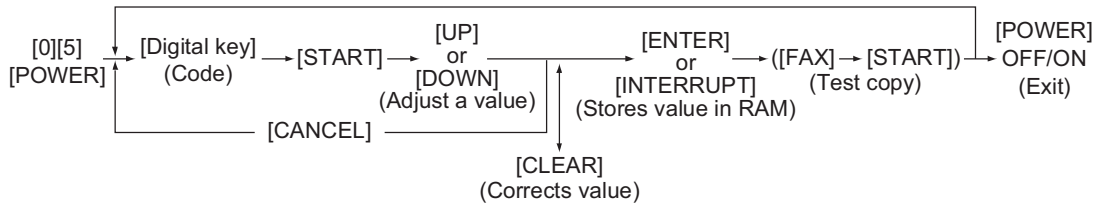
### Procedure 1



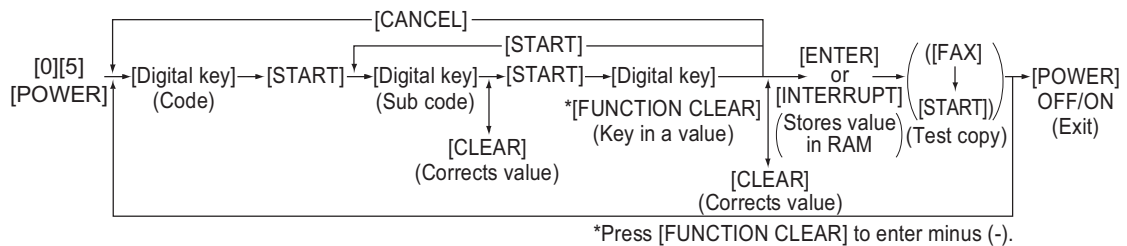
### Procedure 2



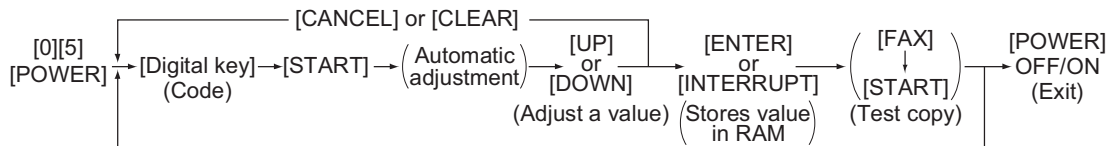
### Procedure 3



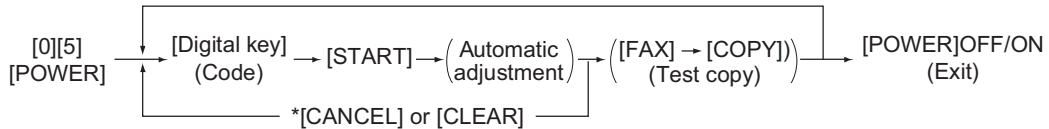
### Procedure 4



### Procedure 5

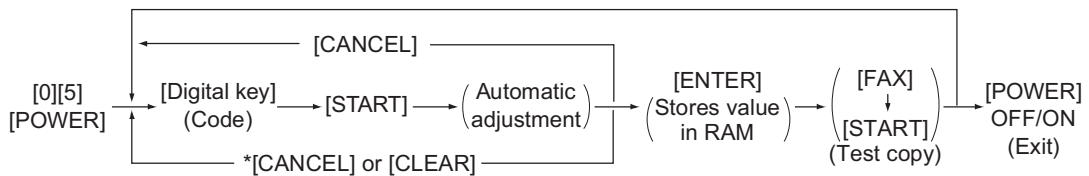


Procedure 6



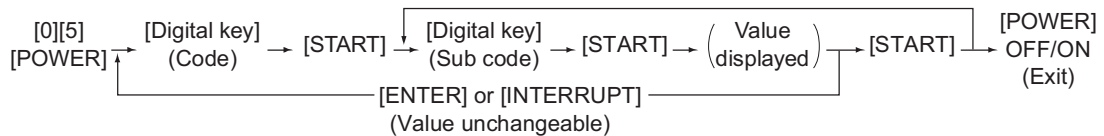
- \* When the automatic adjustment ends abnormally, an error message is displayed.
- \* Return to standby screen by pressing the [CANCEL] or [CLEAR] button.

Procedure 7

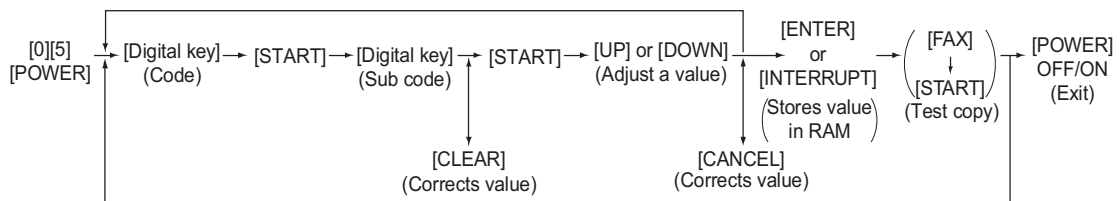


- \* When the automatic adjustment ends abnormally, an error message is displayed.
- \* Return to standby screen by pressing the [CANCEL] or [CLEAR] button.

Procedure 10



Procedure 14



**Note:**

The fuser roller temperature control at the adjustment mode is different from that at the normal state. Therefore, the problem of fusing efficiency may be occurred in the test copy at the adjustment mode. In that case, turn ON the power normally, leave the equipment for approx. 3 minutes after it has become ready state and then start up the adjustment mode again.



## Test print pattern in Adjustment Mode (05)

Operation:

One test print is printed out when the [FAX] button is pressed after the code is keyed in at Standby Screen.

| Code | Types of test pattern                                 | Remarks   |
|------|---|---|
| 1    | Grid pattern (Black)                                  | Refer to 3.4.3 Printer related adjustment                 |
| 3    | Grid pattern (Black/Duplex printing)                  | Refer to 3.4.3 Printer related adjustment                 |
| 4    | For gamma adjustment (Color/Black integrated pattern) | Refer to 3.5.1 Automatic gamma adjustment                 |
| 5    | For gamma adjustment (Color)                          | Refer to 3.5.1 Automatic gamma adjustment                 |
| 6    | For gamma adjustment (Black)                          | For checking the gradation reproduction                   |
| 7    | For gamma adjustment (Color)                          | For checking the gradation reproduction                   |
| 10   | For gamma adjustment (Black)                          | Refer to 3.5.1 Automatic gamma adjustment                 |
| 12   | Secondary scanning direction 33 gradation steps (Y)   | For checking the image of printer section                 |
| 13   | Secondary scanning direction 33 gradation steps (M)   | For checking the image of printer section                 |
| 14   | Secondary scanning direction 33 gradation steps (C)   | For checking the image of printer section                 |
| 15   | Secondary scanning direction 33 gradation steps (K)   | For checking the image of printer section                 |
| 47   | Gamma adjustment for printer (PS/ 600 x 600 dpi)      | Refer to 3.6.1 Automatic gamma adjustment                 |
| 48   | Gamma adjustment for printer (PS/ 1,200 x 600 dpi)    | Refer to 3.6.1 Automatic gamma adjustment                 |
| 49   | Gamma adjustment for printer (PCL/ 600 x 600 dpi)     | Refer to 3.6.1 Automatic gamma adjustment                 |
| 50   | Gamma adjustment for printer (PCL/ 1,200 x 600 dpi)   | Refer to 3.6.1 Automatic gamma adjustment                 |
| 51   | Gamma checking for printer (PS/ 600 x 600 dpi)        | For checking the gradation reproduction                   |
| 52   | Gamma checking for printer (PS/ 1,200 x 600 dpi)      | For checking the gradation reproduction                   |
| 55   | Grid pattern (Full Color / Thick paper 2)             | Refer to 3.4.2 Paper alignment at the registration roller |
| 56   | Grid pattern (Full Color / Thick paper 3)             | Refer to 3.4.2 Paper alignment at the registration roller |
| 57   | Grid pattern (Full Color / OHP)                       | Refer to 3.4.2 Paper alignment at the registration roller |
| 58   | Grid pattern (Black / Thick paper 2)                  | Refer to 3.4.2 Paper alignment at the registration roller |
| 59   | Grid pattern (Black / Thick paper 3)                  | Refer to 3.4.2 Paper alignment at the registration roller |
| 60   | Grid pattern (Black / OHP)                            | Refer to 3.4.2 Paper alignment at the registration roller |
| 62   | For color deviation correction (Full Color)           | Only for A3/LD size                                       |
| 63   | For color deviation correction (Full Color)           | Only for A3/LD size                                       |
| 64   | For color deviation correction (Full Color)           | Only for A3/LD size                                       |
| 68   | For color deviation correction (Full Color)           | Only for A4/LT size                                       |
| 69   | For color deviation correction (Full Color)           | Only for A4/LT size                                       |

**Notes:**

1. The digit after the hyphen in "Code" of the following table is a sub code.
2. In "RAM", the NVRAM of the board in which the data of each code is stored is indicated. "M" stands for the LGC board and "SYS" stands for the SYS board.

| Adjustment mode (05) |                |  |                           |             |                            |     |  |           |
|----------------------|----------------|--|---------------------------|-------------|----------------------------|-----|--|-----------|
| Code                 | Classification | Items  |                           | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 200                  | Development    | Initialization of color auto-toner sensor light amount correction target value   | All (Y,M,C,K)             | ALL         | - <0-255>                  | M   | The value starts changing approx. 3 minutes after this adjustment started.<br>The value is automatically set during this adjustment (approx. 2 minutes).<br>(As the value increases, the sensor output increases correspondingly.) (Chap. 3.2) | 5         |
| 201                  |                |  | Y                         | ALL         | - <0-255>                  | M   |  | 5         |
| 202                  |                |  | M                         | ALL         | - <0-255>                  | M   |  | 5         |
| 203                  |                |  | C                         | ALL         | - <0-255>                  | M   |  | 5         |
| 204                  |                |  | K                         | ALL         | - <0-255>                  | M   |  | 5         |
| 206                  |                |  | YMC                       | ALL         | - <0-255>                  | M   |  | 5         |
| 207                  | Development    | Initialization of color auto-toner sensor light amount correction target value   |                           | ALL (color) | -                          | M   | Initializes the color auto-toner sensor light amount correction target value.  | 6         |
| 208                  | Development    | Enforced correction of color auto-toner sensor light amount                      |                           | ALL (color) | -                          | M   | Performs the color auto-toner sensor light amount correction forcibly.   | 6         |
| 210                  | Transfer       | 1st transfer roller bias output adjustment (When not transferred)                |                           | ALL         | 225 <0-225>                | M   | When the value decreases, the 1st transfer roller bias output increases.<br>The adjustment value becomes effective when the Setting Mode (08- 541, 549 and 551) is 0 (invalid).  | 3         |
| 224                  | Transfer       | 2nd transfer roller bias output adjustment (When cleaning the roller [+])        |                           | ALL         | 147 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases.   | 3         |
| 225                  | Transfer       | 2nd transfer roller bias output adjustment (When cleaning the roller [-])        |                           | ALL         | 229 <188-255>              | M   | When the value decreases, the 2nd transfer roller bias output increases.   | 3         |
| 226                  | Transfer       | 2nd transfer roller bias output adjustment (Paper interval/When not transferred) |                           | ALL         | 191 <188-255>              | M   | When the value decreases, the 2nd transfer roller bias output increases.   | 3         |
| 227-0                | Transfer       | 2nd transfer roller bias output adjustment (Plain paper)                         | Single side               | ALL (black) | 159 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases.<br>The adjustment value becomes effective when the Setting Mode (08- 544, 549 and 551) is 0 (invalid).  | 14        |
| 227-1                |                |  | Reverse side at duplexing | ALL (black) | 134 <0-187>                | M   |  | 14        |
| 227-2                |                |  | Single side               | ALL (color) | 147 <0-187>                | M   |  | 14        |
| 227-3                |                |  | Reverse side at duplexing | ALL (color) | 128 <0-187>                | M   |  | 14        |

| Adjustment mode (05) |                |  |                           |             |                            |     |   |           |
|----------------------|----------------|--|---------------------------|-------------|----------------------------|-----|---|-----------|
| Code                 | Classification | Items  |                           | Function    | Default <Acceptable value> | RAM | Contents  | Procedure |
| 229-0                | Transfer       | 2nd transfer roller bias output adjustment (Thick paper 1)     | Single side               | ALL (black) | 144 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid). | 14        |
| 229-1                |                |  | Reverse side at duplexing | ALL (black) | 119 <0-187>                | M   |   | 14        |
| 229-2                |                |  | Single side               | ALL (color) | 125 <0-187>                | M   |   | 14        |
| 229-3                |                |  | Reverse side at duplexing | ALL (color) | 112 <0-187>                | M   |   | 14        |
| 230-0                | Transfer       | 2nd transfer roller bias output (Thick paper 2)                |                           | ALL (black) | 153 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid). | 14        |
| 230-1                |                |  |                           | ALL (color) | 150 <0-187>                | M   |   | 14        |
| 231-0                | Transfer       | 2nd transfer roller bias output (Thick paper 3)                |                           | ALL (black) | 131 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid). | 14        |
| 231-1                |                |  |                           | ALL (color) | 131 <0-187>                | M   |   | 14        |
| 232-0                | Transfer       | 2nd transfer roller bias output (OHP film)                     |                           | ALL (black) | 119 <0-187>                | M   | When the value decreases, the 2nd transfer roller bias output increases. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid). | 14        |
| 232-1                |                |  |                           | ALL (color) | 119 <0-187>                | M   |   | 14        |
| 234-0                | Transfer       | 2nd transfer roller bias offsetting adjustment (Plain paper)   | Single side               | ALL (black) | 5 <0-10>                   | M   | Sets the offset amount of 2nd transfer roller bias.<br>0: -500V 1: -400V<br>2: -300V 3: -200V<br>4: -100V 5: 0V<br>6: +100V 7: +200V<br>8: +300V 9: +400V<br>10: +500V      | 4         |
| 234-1                |                |  | Reverse side at duplexing | ALL (black) | 5 <0-10>                   | M   |   | 4         |
| 234-2                |                |  | Single side               | ALL (color) | 5 <0-10>                   | M   |   | 4         |
| 234-3                |                |  | Reverse side at duplexing | ALL (color) | 5 <0-10>                   | M   |   | 4         |
| 236-0                | Transfer       | 2nd transfer roller bias offsetting adjustment (Thick paper 1) | Single side               | ALL (black) | 5 <0-10>                   | M   | Sets the offset amount of 2nd transfer roller bias.<br>0: -500V 1: -400V<br>2: -300V 3: -200V<br>4: -100V 5: 0V<br>6: +100V 7: +200V<br>8: +300V 9: +400V<br>10: +500V      | 4         |
| 236-1                |                |  | Reverse side at duplexing | ALL (black) | 5 <0-10>                   | M   |   | 4         |
| 236-2                |                |  | Single side               | ALL (color) | 5 <0-10>                   | M   |   | 4         |
| 236-3                |                |  | Reverse side at duplexing | ALL (color) | 5 <0-10>                   | M   |   | 4         |

| Adjustment mode (05) |                |  |  |                |                                  |                     |   |  |   |
|----------------------|----------------|--|--|----------------|----------------------------------|---------------------|---|--|---|
| Code                 | Classification | Items  |  | Function       | Default<br><Acceptable<br>value> | RAM                 | Contents  | Procedure  |   |
| 237-0                | Transfer       | 2nd transfer roller bias off-setting adjustment<br>(Thick paper 2) |  | ALL<br>(black) | 5<br><0-10>                      | M                   | Sets the offsetting amount of 2nd transfer roller bias.<br>0: -1,000V 1: -800V<br>2: -600V 3: -400 V<br>4: -200V 5: 0 V<br>6: +200V 7: +400V<br>8: +600V 9: +800 V<br>10: +1,000V     | 4  |   |
| 237-1                |                |  |  | ALL<br>(color) | 5<br><0-10>                      | M                   |   | 4  |   |
| 238-0                | Transfer       | 2nd transfer roller bias off-setting adjustment<br>(Thick paper 3) |  | ALL<br>(black) | 5<br><0-10>                      | M                   |   | 4  |   |
| 238-1                |                |  |  | ALL<br>(color) | 5<br><0-10>                      | M                   |   | 4  |   |
| 239-0                | Transfer       | 2nd transfer roller bias off-setting adjustment<br>(OHP film)      |  | ALL<br>(black) | 5<br><0-10>                      | M                   |   | 4  |   |
| 239-1                |                |  |  | ALL<br>(color) | 5<br><0-10>                      | M                   |   | 4  |   |
| 241                  | Main charger   | Main charger grid bias adjustment                                  |  | Y              | ALL                              | 78<br><0-255>       | M   | As the value increases, the transformer output increases. The adjustment value becomes effective only when the setting mode (08-549, 551, 556, 557) is 0 (invalid).                          | 3 |
| 242                  |                |  |  | M              | ALL                              | 84<br><0-255>       | M   |  | 3 |
| 243                  |                |  |  | C              | ALL                              | 87<br><0-255>       | M   |  | 3 |
| 244                  |                |  |  | K              | ALL                              | 94<br><0-255>       | M   |  | 3 |
| 245                  | Transfer       | 1st transfer roller bias off-setting                               |  | ALL<br>(black) | 5<br><0-10>                      | M                   | Sets the offsetting amount of 1st transfer roller bias.<br>0: -500 V 1: -400 V<br>2: -300 V 3: -200 V<br>4: -100 V 5: 0 V<br>6: +100 V 7: +200 V<br>8: +300 V 9: +400 V<br>10: +500 V | 1  |   |
| 247                  | Transfer       | Temperature/humidity sensor Humidity display                       |  | ALL            | 50<br><0-100>                    | M                   | The humidity of the inside of the equipment is displayed.<br>[Unit: RH%]  | 2  |   |
| 248                  | Transfer       | Drum thermistor Temperature displa                                 |  | ALL            | 23<br><0-100>                    | M                   | The ambient temperature of the drum surface is displayed.<br>[Unit: °C]   | 2  |   |
| 250                  | Transfer       | 1st transfer roller bias output voltage                            |  | +Low           | ALL                              | 4000<br><3600-4400> | M   | Transformer output setting of the 1st transfer roller bias.<br>When replacing the high-voltage transformer, the values listed in attached data sheet are entered.<br>(Unit: V)               | 1 |
| 251                  |                |  |  | +High          | ALL                              | 400<br><280-520>    | M   |  | 1 |
| 252                  | Transfer       | 2nd transfer roller bias output voltage                            |  | +Low           | ALL                              | 6000<br><5400-6600> | M   | Transformer output setting of the 2nd transfer roller bias (plus output).<br>When replacing the high-voltage transformer, the values listed in attached data sheet are entered.<br>(Unit: V) | 1 |
| 253                  |                |  |  | +High          | ALL                              | 500<br><350-650>    | M   |  | 1 |

| Adjustment mode (05) |                |  |                           |             |                            |     |   |           |
|----------------------|----------------|--|---------------------------|-------------|----------------------------|-----|---|-----------|
| Code                 | Classification | Items  |                           | Function    | Default <Acceptable value> | RAM | Contents  | Procedure |
| 254                  | Transfer       | 2nd transfer roller bias output voltage                          | -Low                      | ALL         | -500 <-9999-0>             | M   | Transformer output setting of the 2nd transfer roller bias (minus output).<br>When replacing the high-voltage transformer, the values listed in attached data sheet are entered.<br>(Unit: V) | 1         |
| 255                  |                |  | -High                     | ALL         | -2000 <-9999-0>            | M   |   | 1         |
| 270                  | Transfer       | Temperature/humidity sensor Temperature display                  |                           | ALL         | 23 <0-100>                 | M   | The temperature of the inside of the equipment is displayed.<br>[Unit: °C]  | 2         |
| 275                  | Transfer       | 2nd transfer roller bias actual value (When cleaning the roller) | (+)                       | ALL         | 147 <0-255>                | M   | Displays the value of 2nd transfer roller bias when printing is operated.   | 2         |
| 276                  |                |  | (-)                       | ALL         | 229 <0-255>                | M   |   | 2         |
| 277-0                | Transfer       | 2nd transfer roller bias actual value display (Plain paper)      | Single side               | ALL (black) | 159 <0-187>                | M   | Displays the value of 2nd transfer roller bias when printing is operated.   | 10        |
| 277-1                |                |  | Reverse side at duplexing | ALL (black) | 134 <0-187>                | M   |   | 10        |
| 277-2                |                |  | Single side               | ALL (color) | 147 <0-187>                | M   |   | 10        |
| 277-3                |                |  | Reverse side at duplexing | ALL (color) | 128 <0-187>                | M   |   | 10        |
| 279-0                | Transfer       | 2nd transfer roller bias actual value display (Thick paper 1)    | Single side               | ALL (black) | 144 <0-187>                | M   | Displays the value of 2nd transfer roller bias when printing is operated.   | 10        |
| 279-1                |                |  | Reverse side at duplexing | ALL (black) | 119 <0-187>                | M   |   | 10        |
| 279-2                |                |  | Single side               | ALL (color) | 125 <0-187>                | M   |   | 10        |
| 279-3                |                |  | Reverse side at duplexing | ALL (color) | 112 <0-187>                | M   |   | 10        |
| 281                  | Transfer       | 1st transfer roller bias resistance detection control            |                           | ALL         | - <0-255>                  | M   | The RMS value of the main charger grid bias is displayed..  | 2         |
| 284                  | Transfer       | Transfer belt cleaning unit contact timing adjustment            |                           | ALL         | 141 <88-168>               | M   | When the value increases, the contact timing of transfer belt cleaning unit is delayed.   | 1         |
| 285                  | Transfer       | Transfer belt cleaning unit release timing adjustment            |                           | ALL         | 121 <88-168>               | M   | When the value increases, the release timing of transfer belt cleaning unit is delayed.   | 1         |
| 290-0                | Transfer       | 2nd transfer roller bias off-setting adjustment (Thick paper 2)  |                           | ALL (black) | 153 <0-187>                | M   | Displays the value of 2nd transfer roller bias when printing is operated.   | 10        |
| 290-1                |                |  |                           | ALL (color) | 150 <0-187>                | M   |   | 10        |

| Adjustment mode (05) |                           |  |               |  |                            |             |  |             |             |
|----------------------|---------------------------|--|---------------|--|----------------------------|-------------|--|-------------|-------------|
| Code                 | Classification            | Items  |               | Function   | Default <Acceptable value> | RAM         | Contents   | Procedure   |             |
| 291-0                | Transfer                  | 2nd transfer roller bias off-setting adjustment (Thick paper 3)                                    |               | ALL (black)  | 131 <0-187>                | M           | Displays the value of 2nd transfer roller bias when printing is operated.  | 10          |             |
| 291-1                |                           |  |               | ALL (color)  | 131 <0-187>                | M           |  | 10          |             |
| 292-0                | Transfer                  | 2nd transfer roller bias off-setting adjustment (OHP film)   |               | ALL (black)  | 119 <0-187>                | M           | Displays the value of 2nd transfer roller bias when printing is operated.  | 10          |             |
| 292-1                |                           |  |               | ALL (color)  | 119 <0-187>                | M           |  | 10          |             |
| 293-0                | Transfer                  | 2nd transfer roller bias correction of leading/trailing edge of paper                              | Plain paper   | ALL  | 85 <0-255>                 | M           | Corrects the 2nd transfer roller bias output of leading/trailing edge of paper (05-227, 229, 230, 231 and 232). Correcting factor: %                           | 14          |             |
| 293-1                |                           |  | Thick paper 1 | ALL  | 75 <0-255>                 | M           |  | 14          |             |
| 293-2                |                           |  | Thick paper 2 | ALL  | 80 <0-255>                 | M           |  | 14          |             |
| 293-3                |                           |  | Thick paper 3 | ALL  | 80 <0-255>                 | M           |  | 14          |             |
| 293-4                |                           |  | OHP film      | ALL  | 80 <0-255>                 | M           |  | 14          |             |
| 294-0                |                           |  | Transfer      | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Plain paper) |                            | Single side |  | ALL (black) | 164 <0-255> |
| 294-1                | Reverse side at duplexing | ALL (black)  |               |  |                            | 142 <0-255> | M  | 10          |             |
| 294-2                | Single side               | ALL (color)  |               |  |                            | 153 <0-255> | M  | 10          |             |
| 294-3                | Reverse side at duplexing | ALL (color)  |               |  |                            | 137 <0-255> | M  | 10          |             |
| 296-0                | Transfer                  | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 1) |               | Single side  | ALL (black)                | 155 <0-255> |  | 10          |             |
| 296-1                |                           |  |               | Reverse side at duplexing  | ALL (black)                | 136 <0-255> |  | M           | 10          |
| 296-2                |                           |  |               | Single side  | ALL (color)                | 141 <0-255> |  | M           | 10          |
| 296-3                |                           |  |               | Reverse side at duplexing  | ALL (color)                | 131 <0-255> |  | M           | 10          |
| 297-0                | Transfer                  | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 2) |               | ALL (black)  | 160 <0-255>                | M           |  | 10          |             |
| 297-1                |                           |  |               | ALL (color)  | 158 <0-255>                | M           |  | 10          |             |
| 298-0                | Transfer                  | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Thick paper 3) |               | ALL (black)  | 142 <0-255>                | M           |  | 10          |             |
| 298-1                |                           |  |               | ALL (color)  | 143 <0-255>                | M           |  | 10          |             |
| 299-0                | Transfer                  | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (OHP film)      |               | ALL (black)  | 133 <0-255>                | M           | Displays the value of 2nd transfer roller bias on the leading/trailing edge of paper when printing is performed. (The value corrected in 05-293 is displayed.) | 10          |             |
| 299-1                |                           |  |               | ALL (color)  | 133 <0-255>                | M           |  | 10          |             |

| Adjustment mode (05) |                |  |          |                            |           |  |   |   |
|----------------------|----------------|--|----------|----------------------------|-----------|--|---|---|
| Code                 | Classification | Items  | Function | Default <Acceptable value> | RAM       | Contents   | Procedure   |   |
| 305                  | Scanner        | Image location adjustment of secondary scanning direction (scanner section)                            | ALL      | 124 <92-164>               | SYS       | When the value increases by "1", the image shifts by approx. 0.137 mm toward the trailing edge of the paper.   | 1   |   |
| 306                  | Scanner        | Image location adjustment of secondary scanning direction (scanner section)                            | ALL      | 113 <0-255>                | SYS       | When the value increases by "1", the image shifts by approx. 0.0423 mm toward the front side of the paper.   | 1   |   |
| 308                  | Scanner        | Distortion mode  | ALL      | -                          | -         | Moves carriages to the adjusting position. (Chap. 3.4.4)   | 6   |   |
| 330-0                | Image control  | Image quality closed-loop control contrast voltage correction/ Mode 2 maximum number of time corrected | Y        | ALL                        | 3 <0-255> | M  | Sets the maximum correction number of time of the contrast voltage in the closed-loop control mode 2. | 4 |
| 330-1                |                |  | M        | ALL                        | 3 <0-255> | M  |   | 4 |
| 330-2                |                |  | C        | ALL                        | 3 <0-255> | M  |   | 4 |
| 330-3                |                |  | K        | ALL                        | 3 <0-255> | M  |   | 4 |
| 331-0                | Image control  | Image quality closed-loop control laser power correction/ Mode 2 maximum number of time corrected      | Y        | ALL                        | 2 <0-255> | M  | Sets the maximum correction number of time of the laser power in the closed-loop control mode 2.      | 4 |
| 331-1                |                |  | M        | ALL                        | 2 <0-255> | M  |   | 4 |
| 331-2                |                |  | C        | ALL                        | 2 <0-255> | M  |   | 4 |
| 331-3                |                |  | K        | ALL                        | 2 <0-255> | M  |   | 4 |
| 332-0                | Image control  | Image quality closed-loop control contrast voltage correction/ Mode 1 maximum number of time corrected | Y        | ALL                        | 1 <0-255> | M  | Sets the maximum correction number of time of the contrast voltage in the closed-loop control mode 1. | 4 |
| 332-1                |                |  | M        | ALL                        | 1 <0-255> | M  |   | 4 |
| 332-2                |                |  | C        | ALL                        | 1 <0-255> | M  |   | 4 |
| 332-3                |                |  | K        | ALL                        | 1 <0-255> | M  |   | 4 |
| 333-0                | Image control  | Image quality closed-loop control laser power correction/ Mode 1 maximum number of time corrected      | Y        | ALL                        | 1 <0-255> | M  | Sets the maximum correction number of time of the laser power in the closed-loop control mode 1.      | 4 |
| 333-1                |                |  | M        | ALL                        | 1 <0-255> | M  |   | 4 |
| 333-2                |                |  | C        | ALL                        | 1 <0-255> | M  |   | 4 |
| 333-3                |                |  | K        | ALL                        | 1 <0-255> | M  |   | 4 |
| 334                  | Image control  | Main charger grid calibration voltage 1 (low)  | ALL      | 300 <210-390>              | M         | Transformer output calibration of the main charger grid bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V) | 1   |   |
| 335                  | Image control  | Main charger grid calibration voltage 2 (high)   | ALL      | 1000 <900-1100>            | M         |  | 1   |   |

| Adjustment mode (05) |                |   |                           |             |                                  |     |  |           |
|----------------------|----------------|---|---------------------------|-------------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items   |                           | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 338                  | Image control  | Color developer bias DC (-) calibration voltage 1 (low)                         |                           | ALL         | 100<br><70-130>                  | M   | Transformer output calibration of the color developer bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V) | 1         |
| 339                  | Image control  | Color developer bias DC (-) calibration voltage 2 (high)                        |                           | ALL         | 900<br><810-990>                 | M   |  | 1         |
| 340                  | Scanner        | Reproduction ratio adjustment of secondary scanning direction (scanner section) |                           | ALL         | 127<br><0-255>                   | SYS | When the value increases by "1", the reproduction ratio in the secondary scanning direction (vertical to paper feeding direction) increases by approx. 0.223%.           | 1         |
| 350                  | Scanner        | Shading position adjustment   | Original glass            | ALL         | 128<br><118-138>                 | SYS | 0.1369 mm/step   | 1         |
| 351                  |                |   | RADF                      | ALL         | 128<br><118-138>                 | SYS |  |           |
| 354                  | RADF           | Adjustment of RADF paper alignment  | for single-sided original | ALL         | 10<br><0-20>                     | SYS | When the value increases by "1", the aligning amount increases by approx. 0.5 mm.  | 1         |
| 355                  |                |   | for double-sided original | ALL         | 10<br><0-20>                     | SYS |  | 1         |
| 357                  | RADF           | Fine adjustment of RADF transport speed   |                           | ALL         | 50<br><0-100>                    | SYS | When the value increases by "1", the reproduction ratio of the secondary scanning direction on original (fed from the RADF) increases by approx. 0.1%.                   | 1         |
| 358                  | RADF           | RADF sideways deviation adjustment  |                           | ALL         | 128<br><0-255>                   | SYS | When the value increases by "1", the image of original fed from the RADF shifts toward the rear side of paper by approx. 0.0423 mm.                                      | 1         |
| 359                  | Scanner        | Carriage position adjustment during scanning from RADF                          |                           | ALL (black) | 128<br><0-255>                   | SYS | When the value increases by "1", the carriage position shifts by approx. 0.1 mm toward the exit side when using the RADF.  | 1         |
| 360                  |                |   |                           | ALL (color) | 128<br><0-255>                   | SYS |  | 1         |



| Adjustment mode (05) |                |  |                           |             |                                  |     |  |           |
|----------------------|----------------|--|---------------------------|-------------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items  |                           | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 361                  | Scanner        | Log table switching for RADF copying                                     |                           | ALL (color) | 0<br><0-4>                       | SYS | 0: Same log table as the one used at copying with original glass<br>1: Background reproduction - Light 2<br>2: Background reproduction - Light 1<br>3: Background reproduction - Dark 1<br>4: Background reproduction - Dark 2 | 1         |
| 362                  |                |  |                           | ALL (black) | 0<br><0-4>                       | SYS | 0: Same log table as the one used at copying with original glass<br>1: Background reproduction - Light 2<br>2: Background reproduction - Light 1<br>3: Background reproduction - Dark 1<br>4: Background reproduction - Dark 2 | 1         |
| 363                  | Scanner        | Data transfer of characteristic value of scanner / SYS board → SLG board |                           | SCN         | -                                | SYS | Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color aberration correction) from the NVRAM of the SYS board to the NVRAM of the SLG board.          | 6         |
| 364                  | Scanner        | Data transfer of characteristic value of scanner / SLG board → SYS board |                           | SCN         | -                                | SYS | Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color aberration correction) from the NVRAM of the SLG board to the NVRAM of the SYS board.          | 6         |
| 365                  | RADF           | RADF leading edge position 1 adjustment                                  | for single-sided original | ALL         | 50<br><0-100>                    | SYS | When the value increases by "1", the copied image of original shifts toward the trailing edge of paper by approx. 0.1 mm.  | 1         |
| 366                  |                |  | for double-sided original | ALL         | 50<br><0-100>                    | SYS |  | 1         |

| Adjustment mode (05) |                |   |          |                                  |                |  |   |    |
|----------------------|----------------|---|----------|----------------------------------|----------------|--|---|----|
| Code                 | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM            | Contents   | Procedure   |    |
| 367                  | RADF           | RADF original guide width adjustment (Minimum)                          | ALL      | -                                | -              | Stores the current width of RADF original guide by keying in this code with the guide set at the minimum width. Perform this adjustment when the RADF board or volume is replaced, or when the code (05-356) is performed. | 6   |    |
| 368                  | RADF           | RADF original guide width adjustment (Maximum)                          | ALL      | -                                | -              | Stores the current width of RADF original guide by keying in this code with the guide set at the maximum width. Perform this adjustment when the RADF board or volume is replaced, or when the code (05-356) is performed. | 6   |    |
| 372                  | Image control  | Black developer bias DC (-) calibration voltage 1 (low)                 | ALL      | 100<br><70-130>                  | M              | Transformer output calibration of the black developer bias. When replacing the high-voltage transformer, the values listed in attached data sheet are entered. (Unit: V)   | 1   |    |
| 373                  | Image control  | Black developer bias DC (-) calibration voltage 2 (high)                | ALL      | 900<br><810-990>                 | M              |  | 1   |    |
| 380-0                | Image control  | Image quality open-loop control/ contrast voltage initial value display | Y        | ALL                              | 320<br><0-999> | M  | Displays the contrast voltage initial value set by the open-loop control. (Unit: V) | 10 |
| 380-1                |                |   | M        | ALL                              | 330<br><0-999> | M  |   | 10 |
| 380-2                |                |   | C        | ALL                              | 340<br><0-999> | M  |   | 10 |
| 380-3                |                |   | K        | ALL                              | 375<br><0-999> | M  |   | 10 |
| 381-0                | Image control  | Contrast voltage actual value display                                   | Y        | ALL                              | 320<br><0-999> | M  | Displays the contrast voltage when printing is operated. (Unit: V)                  | 10 |
| 381-1                |                |   | M        | ALL                              | 330<br><0-999> | M  |   | 10 |
| 381-2                |                |   | C        | ALL                              | 340<br><0-999> | M  |   | 10 |
| 381-3                |                |   | K        | ALL                              | 375<br><0-999> | M  |   | 10 |
| 382-0                | Image control  | Image quality open-loop control/ laser power initial value display      | Y        | ALL                              | 408<br><0-999> | M  | Displays the laser power initial value set by the open-loop control. (Unit: μW)     | 10 |
| 382-1                |                |   | M        | ALL                              | 408<br><0-999> | M  |   | 10 |
| 382-2                |                |   | C        | ALL                              | 408<br><0-999> | M  |   | 10 |
| 382-3                |                |   | K        | ALL                              | 408<br><0-999> | M  |   | 10 |

| Adjustment mode (05) |                |  |                              |          |                            |     |   |           |
|----------------------|----------------|--|------------------------------|----------|----------------------------|-----|---|-----------|
| Code                 | Classification | Items  |                              | Function | Default <Acceptable value> | RAM | Contents  | Procedure |
| 383-0                | Image control  | Laser power actual value display             | Y                            | ALL      | 92 <0-255>                 | M   | Displays the laser power when printing is operated. (bit value)   | 10        |
| 383-1                |                |  | M                            | ALL      | 92 <0-255>                 | M   |   | 10        |
| 383-2                |                |  | C                            | ALL      | 92 <0-255>                 | M   |   | 10        |
| 383-3                |                |  | K                            | ALL      | 92 <0-255>                 | M   |   | 10        |
| 384-0                | Image control  | Laser power actual value display             | Y                            | ALL      | 408 <0-999>                | M   | Displays the laser power when printing is operated. (Unit: μW)  | 10        |
| 384-1                |                |  | M                            | ALL      | 408 <0-999>                | M   |   | 10        |
| 384-2                |                |  | C                            | ALL      | 408 <0-999>                | M   |   | 10        |
| 384-3                |                |  | K                            | ALL      | 408 <0-999>                | M   |   | 10        |
| 385-0                | Image control  | Main charger grid bias actual value display  | Y                            | ALL      | 78 <0-255>                 | M   | Displays the main charger grid bias when printing is operated. (bit value)  | 10        |
| 385-1                |                |  | M                            | ALL      | 84 <0-255>                 | M   |   | 10        |
| 385-2                |                |  | C                            | ALL      | 87 <0-255>                 | M   |   | 10        |
| 385-3                |                |  | K                            | ALL      | 94 <0-255>                 | M   |   | 10        |
| 386-0                | Image control  | Developer bias DC (-) actual value display   | Y                            | ALL      | 135 <0-255>                | M   | Displays the developer bias when printing is operated. (bit value)  | 10        |
| 386-1                |                |  | M                            | ALL      | 137 <0-255>                | M   |   | 10        |
| 386-2                |                |  | C                            | ALL      | 139 <0-255>                | M   |   | 10        |
| 386-3                |                |  | K                            | ALL      | 146 <0-255>                | M   |   | 10        |
| 388                  | Image control  | Output value display of image quality sensor | When the light source is OFF | ALL      | 0 <0-1023>                 | M   | Displays the output value of image quality sensor when the sensor light source is OFF.  | 2         |
| 389                  |                |  | Transfer belt surface        | ALL      | 0 <0-1023>                 | M   | Displays the output value of image quality sensor (when there is no test pattern) on the transfer belt.   | 2         |
| 390-0                |                |  | Highdensity pattern Y        | ALL      | 0 <0-1023>                 | M   | Displays the output value of image quality sensor when a high-density test pattern is written. The larger the value is, the smaller the toner amount adhered becomes. | 10        |
| 390-1                |                |  | Highdensity pattern M        | ALL      | 0 <0-1023>                 | M   |   | 10        |
| 390-2                |                |  | Highdensity pattern C        | ALL      | 0 <0-1023>                 | M   |   | 10        |
| 390-3                |                |  | Highdensity pattern K        | ALL      | 0 <0-1023>                 | M   |   | 10        |

| Adjustment mode (05) |                |   |                      |          |                                  |     |  |           |
|----------------------|----------------|---|----------------------|----------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items   |                      | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 391-0                | Image control  | Output value display of image quality sensor                                      | Lowdensity pattern Y | ALL      | 0<br><0-1023>                    | M   | Displays the output value of image quality sensor when a low-density test pattern is written. The larger the value is, the smaller the toner amount adhered becomes. | 10        |
| 391-1                |                |   | Lowdensity pattern M | ALL      | 0<br><0-1023>                    | M   |  | 10        |
| 391-2                |                |   | Lowdensity pattern C | ALL      | 0<br><0-1023>                    | M   |  | 10        |
| 391-3                |                |   | Lowdensity pattern K | ALL      | 0<br><0-1023>                    | M   |  | 10        |
| 392                  | Image control  | Light amount adjustment result of image quality sensor                            |                      | ALL      | 0<br><0-255>                     | M   | The LED light amount adjustment value of this sensor is the reference value to set the reflected light from the belt surface.  | 2         |
| 393                  | Image control  | Relative humidity display during latest closed-loop control                       |                      | ALL      | 0<br><0-100>                     | M   | Displays the relative humidity at the latest performing of the closed-loop control.  | 2         |
| 394                  | Image control  | Enforced performing of image quality open-loop control                            |                      | ALL      | -                                | -   | Performs the image quality open-loop control.  | 6         |
| 395                  | Image control  | Enforced performing of image quality closed-loop control                          |                      | ALL      | -                                | M   | Performs the image quality closedloop control.   | 6         |
| 396                  | Image control  | Image quality control initialization  |                      | ALL      | -                                | M   | Performs the image quality control, initialize each control value.   | 6         |
| 398-0                | Image control  | Target value of the high image density control                                    | Y                    | ALL      | 265<br><220-360>                 | M   | Sets the target value of high image density control at the time of the image quality control.  | 4         |
| 398-1                |                |   | M                    | ALL      | 300<br><220-360>                 | M   |  | 4         |
| 398-2                |                |   | C                    | ALL      | 320<br><220-360>                 | M   |  | 4         |
| 398-3                |                |   | K                    | ALL      | 370<br><300-420>                 | M   |  | 4         |
| 401                  | Laser          | Fine adjustment of polygonal motor rotation speed (reproduction ratio adjustment) |                      | PRT      | 134<br><0-255>                   | M   | When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.07%. (approx. 0.1 mm/step)                              | 1         |
| 405                  |                |   |                      | PPC      | 135<br><0-255>                   | M   |  | 1         |
| 410                  | Laser          | Adjustment of primary scanning laser writing start position                       |                      | PPC      | 128<br><0-255>                   | M   | When the value increases by "1", the writing start position shifts to the front side by approx. 0.0423 mm.   | 1         |
| 411                  |                |   |                      | PRT      | 120<br><0-255>                   | M   |  | 1         |

| Adjustment mode (05) |                |  |         |          |                                 |     |   |           |
|----------------------|----------------|--|---------|----------|---------------------------------|-----|---|-----------|
| Code                 | Classification | Items  |         | Function | Default <Acceptable value>      | RAM | Contents  | Procedure |
| 417-0                | Image          | Color deviation correction 1 (A3/LD)   | K       | ALL      | 128 <118-138>                   | M   | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.               | 4         |
| 417-1                |                |  | C       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 417-2                |                |  | M       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 417-3                |                |  | Y       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 418-0                | Image          | Color deviation correction 2 (A3/LD)   | K       | ALL      | 128 <118-138>                   | M   | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.               | 4         |
| 418-1                |                |  | C       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 418-2                |                |  | M       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 418-3                |                |  | Y       | ALL      | 128 <118-138>                   | M   |   | 4         |
| 421                  | Drive          | Adjustment of secondary scanning direction reproduction ratio (fine adjustment of main motor speed)      | PPC/PRT |          | 127 <0-255>                     | M   | When the value increases by "1", the reproduction ratio of secondary scanning direction increases by approx. 0.04%. | 1         |
| 422                  |                |  | FAX     |          | 144 <0-255>                     | M   |   | 1         |
| 424                  | Drive          | Fine adjustment of exit motor speed  | PPC/PRT |          | JPN: 140<br>Others: 128 <0-255> | M   | When the value increases by "1", the rotation becomes faster by approx. 0.05%.                                      | 1         |
| 425                  |                |  | FAX     |          | 128 <0-255>                     | M   |   | 1         |
| 426                  | Drive          | Adjustment of secondary scanning direction reproduction ratio (fine adjustment of transport motor speed) | PPC/PRT |          | 153 <0-255>                     | M   | When the value increases by "1", the reproduction ratio of secondary scanning direction increases by approx. 0.04%. | 1         |
| 427                  |                |  | FAX     |          | 128 <0-255>                     | M   |   | 1         |

| Adjustment mode (05) |                |  |                   |  |              |   |   |   |
|----------------------|----------------|--|-------------------|--|--------------|---|---|---|
| Code                 | Classification | Items  | Function          | Default<br><Acceptable<br>value>                         | RAM          | Contents  | Procedure   |   |
| 430                  | Image          | Top margin adjustment<br>(blank area at the leading<br>edge of the paper))   | PPC               | 26<br><0-255>  | M            | When the value<br>increases by "1", the<br>blank area becomes<br>wider by approx.<br>0.0423 mm. | 1   |   |
| 431                  | Image          | Left margin adjustment<br>(blank area at the left of the<br>paper along the paper<br>feeding direction)  | PPC               | 0<br><0-255>   | M            |   | 1   |   |
| 432                  | Image          | Right margin adjustment<br>(blank area at the right of<br>the paper along the paper<br>feeding direction)  | PPC               | 15<br><0-255>  | M            |   | 1   |   |
| 433                  | Image          | Bottom margin adjustment<br>(blank area at the trailing<br>edge of the paper)  | PPC               | 43<br><0-255>  | M            |   | 1   |   |
| 434-0                | Image          | Bottom margin adjustment<br>(blank area at the trailing<br>edge of the paper)<br>/Reverse side at duplexing  | PPC/<br>PRT       | EUR: 45<br>UC: 28<br>JPN: 28<br>Others:<br>45<br><0-255> | M            |   | 4   |   |
| 434-1                | Image          | Right margin adjustment<br>(blank area at the right of<br>the paper along the paper<br>feeding direction)<br>/Reverse side at duplexing                                    | PPC/<br>PRT       | 18<br><0-255>  | M            |   | 4   |   |
| 435                  | Image          | Top margin adjustment<br>(blank area at the leading<br>edge of the paper)  | PRT               | 24<br><0-255>  | M            |   | 1   |   |
| 436                  | Image          | Left margin adjustment<br>(blank area at the left of the<br>paper along the paper<br>feeding direction)  | PRT               | 0<br><0-255>   | M            | When the value<br>increases by "1", the<br>blank area becomes<br>wider by approx.<br>0.0423 mm. | 1   |   |
| 437                  | Image          | Right margin adjustment<br>(blank area at the right of<br>the paper along the paper<br>feeding direction)  | PRT               | 0<br><0-255>   | M            |   | 1   |   |
| 438                  | Image          | Bottom margin adjustment<br>(blank area at the trailing<br>edge of the paper)  | PRT               | 0<br><0-255>   | M            |   | 1   |   |
| 439                  | Image          | Bottom margin adjustment<br>(blank area at the trailing<br>edge of the paper along<br>the paper feeding direc-<br>tion) when paper size is not<br>specified at bypass feed | ALL               | 128<br><0-255>   | M            |   | When the value<br>increases by "1", the<br>margin increases by<br>approx. 0.2 mm.   | 1 |
| 440                  | Laser          | Secondary<br>scanning<br>laser writing<br>start position   | Upper<br>drawer   | ALL  | 21<br><0-40> | M   | When the value<br>increases by "1", the<br>image shifts toward the<br>trailing edge of the<br>paper by approx.<br>0.2 mm. | 1 |
| 441                  |                |  | Lower<br>drawer   | ALL  | 47<br><0-80> | M   |   | 1 |
| 442                  |                |  | Bypass<br>feeding | ALL  | 22<br><0-40> | M   |   | 1 |
| 443                  |                |  | LCF               | ALL  | 20<br><0-40> | M   |   | 1 |
| 444                  |                |  | PFP               | ALL  | 20<br><0-40> | M   |   | 1 |
| 445                  |                |  | Duplex<br>feeding | ALL  | 21<br><0-40> | M   |   | 1 |

| Adjustment mode (05) |                |   |              |          |                            |     |  |           |
|----------------------|----------------|---|--------------|----------|----------------------------|-----|--|-----------|
| Code                 | Classification | Items   |              | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 448-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (PFP upper drawer / Plain paper) | Long size    | ALL      | 15 <0-63>                  | M   | When the value increases by "1", the aligning amount increases by approx. 0.8 mm.<br><Paper length><br>Long size: 330 mm or longer<br>Middle size: 220 mm to 329 mm<br>Short size 1: 205 mm to 219 mm<br>Short size 2: 204 mm or shorter | 4         |
| 448-1                |                |   | Middle size  | ALL      | 15 <0-63>                  | M   |  | 4         |
| 448-2                |                |   | Short size 1 | ALL      | 15 <0-63>                  | M   |  | 4         |
| 448-3                |                |   | Short size 2 | ALL      | 15 <0-63>                  | M   |  | 4         |
| 449-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (PFP lower drawer / Plain paper) | Long size    | ALL      | 15 <0-63>                  | M   |  | 4         |
| 449-1                |                |   | Middle size  | ALL      | 15 <0-63>                  | M   |  | 4         |
| 449-2                |                |   | Short size 1 | ALL      | 15 <0-63>                  | M   |  | 4         |
| 449-3                |                |   | Short size 2 | ALL      | 15 <0-63>                  | M   |  | 4         |
| 450-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Upper drawer / Plain paper)     | Long size    | ALL      | 18 <0-63>                  | M   |  | 4         |
| 450-1                |                |   | Middle size  | ALL      | 18 <0-63>                  | M   |  | 4         |
| 450-2                |                |   | Short size 1 | ALL      | 18 <0-63>                  | M   |  | 4         |
| 450-3                |                |   | Short size 2 | ALL      | 18 <0-63>                  | M   |  | 4         |
| 452-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Lower drawer / Plain paper)     | Long size    | ALL      | 18 <0-63>                  | M   | When the value increases by "1", the aligning amount increases by approx. 0.8 mm.<br><Paper length><br>Long size: 330 mm or longer<br>Middle size: 220 mm to 329 mm<br>Short size 1: 205 mm to 219 mm<br>Short size 2: 204 mm or shorter | 4         |
| 452-1                |                |   | Middle size  | ALL      | 18 <0-63>                  | M   |  | 4         |
| 452-2                |                |   | Short size 1 | ALL      | 15 <0-63>                  | M   |  | 4         |
| 452-3                |                |   | Short size 2 | ALL      | 15 <0-63>                  | M   |  | 4         |

| Adjustment mode (05) |                |   |             |          |                                  |     |  |           |
|----------------------|----------------|---|-------------|----------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items   |             | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 455-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Duplex feeding / Plain paper) | Long size   | ALL      | 8<br><0-63>                      | M   | When the value increases by "1", the aligning amount increases by approx. 0.8 mm.<br><Paper length><br>Long size:<br>330 mm or longer<br>Middle size:<br>220 mm to 329 mm<br>Short size:<br>219 mm or shorter<br>* Postcard is supported only for JPN model. | 4         |
| 455-1                |                |   | Middle size | ALL      | 8<br><0-63>                      | M   |  | 4         |
| 455-2                |                |   | Short size  | ALL      | 12<br><0-63>                     | M   |  | 4         |
| 457                  | Paper feeding  | Paper aligning amount adjustment at the registration section (LCF / Plain paper)            |             | ALL      | 15<br><0-63>                     | M   |  | 1         |
| 458-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding/Plain paper)   | Long size   | ALL      | 14<br><0-63>                     | M   |  | 4         |
| 458-1                |                |   | Middle size | ALL      | 14<br><0-63>                     | M   |  | 4         |
| 458-2                |                |   | Short size  | ALL      | 14<br><0-63>                     | M   |  | 4         |
| 460-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 1) | Long size   | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 460-1                |                |   | Middle size | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 460-2                |                |   | Short size  | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 461-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 2) | Long size   | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 461-1                |                |   | Middle size | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 461-2                |                |   | Short size  | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 462-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding/Thick paper 3) | Long size   | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 462-1                |                |   | Middle size | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 462-2                |                |   | Short size  | ALL      | 17<br><0-63>                     | M   |  | 4         |
| 462-3                |                |   | Post card   | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 463-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding/OHP film)      | Long size   | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 463-1                |                |   | Middle size | ALL      | 16<br><0-63>                     | M   |  | 4         |
| 463-2                |                |   | Short size  | ALL      | 16<br><0-63>                     | M   |  | 4         |



| Adjustment mode (05) |                |   |               |          |                                  |     |  |           |
|----------------------|----------------|---|---------------|----------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items   |               | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 466-0                | Paper feeding  | Adjustment of paper pushing amount / Bypass feeding   | Plain paper   | ALL      | 143<br><0-255>                   | M   | When the value increases by "1", the driving speed of bypass feed roller increases by approx. 2 ms when the paper transport is started from the registration section.<br>* Post card is supported only for JPN model.                                | 4         |
| 466-1                |                |   | Post card     | ALL      | 170<br><0-255>                   | M   |  | 4         |
| 466-4                |                |   | Thick paper 1 | ALL      | 143<br><0-255>                   | M   |  | 4         |
| 466-5                |                |   | Thick paper 2 | ALL      | 143<br><0-255>                   | M   |  | 4         |
| 466-6                |                |   | Thick paper 3 | ALL      | 143<br><0-255>                   | M   |  | 4         |
| 466-7                |                |   | OHP film      | ALL      | 143<br><0-255>                   | M   |  | 4         |
| 467                  | Paper feeding  | Adjustment of paper pushing amount/Duplex feeding (short size)                                  |               | ALL      | 128<br><0-255>                   | M   | When the value increases by "1", the driving speed of ADU transport roller increases by approx. 2 ms when the paper transport is started from the registration section.  | 1         |
| 468-0                | Finisher       | Fine adjustment of binding position/ folding position   | A4-R /LT-R    | ALL      | 0<br><-14-14>                    | M   | When the value increases by "1", the binding/folding position shifts toward the right page by 0.25 mm.   | 4         |
| 468-1                |                |   | B4            | ALL      | 0<br><-14-14>                    | M   |  | 4         |
| 468-2                |                |   | A3/LD         | ALL      | 0<br><-14-14>                    | M   |  | 4         |
| 469-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Upper drawer / Thick paper 1)     | Long size     | ALL      | 18<br><0-63>                     | M   | When the value increases by "1", the aligning amount increases by approx. 0.8 mm.<br><Paper length><br>Long size:<br>330 mm or longer<br>Middle size:<br>220 mm to 329 mm<br>Short size 1:<br>205 mm to 219 mm<br>Short size 2:<br>204 mm or shorter | 4         |
| 469-1                |                |   | Middle size   | ALL      | 18<br><0-63>                     | M   |  | 4         |
| 469-2                |                |   | Short size 1  | ALL      | 18<br><0-63>                     | M   |  | 4         |
| 469-3                |                |   | Short size 2  | ALL      | 18<br><0-63>                     | M   |  | 4         |
| 470-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Lower drawer / Thick paper 1)     | Long size     | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 470-1                |                |   | Middle size   | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 470-2                |                |   | Short size 1  | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 470-3                |                |   | Short size 2  | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 471-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (PFP upper drawer / Thick paper 1) | Long size     | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 471-1                |                |   | Middle size   | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 471-2                |                |   | Short size 1  | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 471-3                |                |   | Short size 2  | ALL      | 15<br><0-63>                     | M   |  | 4         |

| Adjustment mode (05) |                |   |                              |          |                                  |     |  |           |
|----------------------|----------------|---|------------------------------|----------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items   |                              | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 472-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (PFP lower drawer / Thick paper 1) | Long size                    | ALL      | 15<br><0-63>                     | M   | When the value increases by "1", the aligning amount increases by approx. 0.8 mm.<br><Paper length><br>Long size:<br>330 mm or longer<br>Middle size:<br>220 mm to 329 mm<br>Short size:<br>219 mm or shorter<br>Short size 1:<br>205 mm to 219 mm<br>Short size 2:<br>204 mm or shorter<br>* Post card is supported only for JPN model. | 4         |
| 472-1                |                |   | Middle size                  | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 472-2                |                |   | Short size 1                 | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 472-3                |                |   | Short size 2                 | ALL      | 15<br><0-63>                     | M   |  | 4         |
| 473                  | Paper feeding  | Paper aligning amount adjustment at the registration section (LCF / Thick paper 1)              |                              | ALL      | 15<br><0-63>                     | M   |  | 1         |
| 474-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (ADU / Thick paper 1)              | Long size                    | ALL      | 8<br><0-63>                      | M   |  | 4         |
| 474-1                |                |   | Middle size                  | ALL      | 8<br><0-63>                      | M   |  | 4         |
| 474-2                |                |   | Short size                   | ALL      | 12<br><0-63>                     | M   |  | 4         |
| 475-0                | Paper feeding  | Paper aligning amount adjustment at the registration section (Bypass feeding)                   | Thick paper 2<br>Long size   | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-1                |                |   | Thick paper 2<br>Middle size | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-2                |                |   | Thick paper 2<br>Short size  | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-3                |                |   | Thick paper 3<br>Long size   | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-4                |                |   | Thick paper 3<br>Middle size | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-5                |                |   | Thick paper 3<br>Short size  | ALL      | 28<br><0-63>                     | M   |  | 4         |
| 475-6                |                |   | OHP film<br>Long size        | ALL      | 24<br><0-63>                     | M   |  | 4         |
| 475-7                |                |   | OHP film<br>Middle size      | ALL      | 24<br><0-63>                     | M   |  | 4         |
| 475-8                |                |   | OHP film<br>Short size       | ALL      | 24<br><0-63>                     | M   |  | 4         |
| 475-9                |                |   | Post card                    | ALL      | 28<br><0-63>                     | M   |  | 4         |

| Adjustment mode (05) |                |   |                               |             |                            |     |   |           |
|----------------------|----------------|---|-------------------------------|-------------|----------------------------|-----|---|-----------|
| Code                 | Classification | Items   |                               | Function    | Default <Acceptable value> | RAM | Contents  | Procedure |
| 494                  | Laser          | Secondary scanning data laser writing start position                        | When decelerating to 1/2      | ALL         | 135 <0-255>                | M   | When the value increases by "1", the image shifts by approx. 0.2 mm toward the trailing edge of the paper.                              | 1         |
| 495                  |                |   | When decelerating to 1/3      | ALL         | 135 <0-255>                | M   |   | 1         |
| 496                  |                |   | When decelerating to 1/4      | ALL         | 140 <0-255>                | M   |   | 1         |
| 497-0                | Laser          | Adjustment of drawer sideways deviation                                     | Upper drawer                  | ALL         | 128 <0-255>                | M   | When the value increases by "1", the image shifts toward the front side by 0.0423 mm.   | 4         |
| 497-1                |                |   | Lower drawer                  | ALL         | 128 <0-255>                | M   |   | 4         |
| 497-2                |                |   | PFP upper drawer              | ALL         | 128 <0-255>                | M   |   | 4         |
| 497-3                |                |   | PFP lower drawer              | ALL         | 128 <0-255>                | M   |   | 4         |
| 497-4                |                |   | LCF                           | ALL         | 128 <0-255>                | M   |   | 4         |
| 497-5                |                |   | Bypass feeding                | ALL         | 128 <0-255>                | M   |   | 4         |
| 498-0                | Laser          | Adjustment of duplex feeding sideways deviation                             | Long size                     | ALL         | 131 <0-255>                | M   | When the value increases by "1", the image shifts toward the front side by 0.0423 mm.   | 4         |
| 498-1                |                |   | Short size (A4/LT or smaller) | ALL         | 131 <0-255>                | M   |   | 4         |
| 499                  | Development    | Black developer unit lift up/down timing adjustment                         |                               | ALL         | 2 <0-255>                  | M   | Change the lift up/down timing of the black developer unit when a CEB0 error occurs. (Chap. 3.11.3)                                     | 1         |
| 501                  | Image          | Density adjustment<br>Fine adjustment of "manual density" /Center value     | Photo                         | PPC (black) | 128 <0-255>                | SYS | When the value increases, the image of the center step density becomes darker.  | 1         |
| 503                  |                |   | Text/Photo                    | PPC (black) | 128 <0-255>                | SYS |   | 1         |
| 504                  |                |   | Text                          | PPC (black) | 128 <0-255>                | SYS |   | 1         |
| 505                  | Image          | Density adjustment<br>Fine adjustment of "manual density" /Light step value | Text/Photo                    | PPC (black) | 20 <0-255>                 | SYS | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter. | 1         |
| 506                  |                |   | Photo                         | PPC (black) | 20 <0-255>                 | SYS |   | 1         |
| 507                  |                |   | Text                          | PPC (black) | 20 <0-255>                 | SYS |   | 1         |
| 508                  | Image          | Density adjustment<br>Fine adjustment of "manual density" /Dark step value  | Text/Photo                    | PPC (black) | 20 <0-255>                 | SYS | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.   | 1         |
| 509                  |                |   | Photo                         | PPC (black) | 20 <0-255>                 | SYS |   | 1         |
| 510                  |                |   | Text                          | PPC (black) | 20 <0-255>                 | SYS |   | 1         |

| Adjustment mode (05) |                |   |                |                                  |   |   |   |   |
|----------------------|----------------|---|----------------|----------------------------------|---|---|---|---|
| Code                 | Classification | Items   | Function       | Default<br><Acceptable<br>value> | RAM   | Contents  | Procedure   |   |
| 512                  | Image          | Density adjustment<br>Fine adjustment of "automatic density"    | Photo          | PPC<br>(black)                   | 128<br><0-255>                              | SYS   | When the value increases, the image becomes darker.   | 1 |
| 514                  |                |   | Text/Photo     | PPC<br>(black)                   | 128<br><0-255>                              | SYS   |   | 1 |
| 515                  |                |   | Text           | PPC<br>(black)                   | 128<br><0-255>                              | SYS   |   | 1 |
| 532                  | Image          | Range correction<br>Background peak adjustment                  | Text/Photo     | PPC<br>(black)                   | 40<br><0-255>                               | SYS   | When the value increases, the background of the image (low density area) becomes harder to be printed out.  | 1 |
| 533                  |                |   | Photo          | PPC<br>(black)                   | 16<br><0-255>                               | SYS   |   | 1 |
| 534                  |                |   | Text           | PPC<br>(black)                   | 40<br><0-255>                               | SYS   |   | 1 |
| 570                  | Image          | Range correction on original manually set on the original glass | Text/Photo     | PPC<br>(black)                   | 22<br><11-14,<br>21-24,<br>31-34,<br>41-44> | SYS   | Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively.<br><br>1: fixed/fixed<br>2: varied/fixed<br>3: fixed/varied<br>4: varied/varied<br>* Background peak/<br>Text peak | 1 |
| 571                  |                |   | Photo          | PPC<br>(black)                   | 12<br><11-14,<br>21-24,<br>31-34,<br>41-44> | SYS   |   | 1 |
| 572                  |                |   | Text           | PPC<br>(black)                   | 22<br><11-14,<br>21-24,<br>31-34,<br>41-44> | SYS   |   | 1 |
| 580                  | Image          | Automatic gamma adjustment                                      | PPC<br>(black) | -                                | -   | Adjusts the gradation reproduction automatically. | 7   |   |

| Adjustment mode (05) |                |  |            |                            |             |          |  |   |
|----------------------|----------------|--|------------|----------------------------|-------------|----------|--|---|
| Code                 | Classification | Items                                    | Function   | Default <Acceptable value> | RAM         | Contents | Procedure  |   |
| 590-0                | Image          | Adjustment of gamma balance (Text/Photo) | L          | PPC (black)                | 128 <0-255> | SYS      | When the value increases, the density in the target area becomes higher.<br>L : Low density area<br>M : Medium density area<br>H : High density area | 4 |
| 590-1                |                |  | M          | PPC (black)                | 128 <0-255> | SYS      |  | 4 |
| 590-2                |                |  | H          | PPC (black)                | 128 <0-255> | SYS      |  | 4 |
| 591-0                | Image          | Adjustment of gamma balance (Text)       | L          | PPC (black)                | 128 <0-255> | SYS      |  | 4 |
| 591-1                |                |  | M          | PPC (black)                | 128 <0-255> | SYS      |  | 4 |
| 591-2                |                |  | H          | PPC (black)                | 128 <0-255> | SYS      |  | 4 |
| 592-0                | Image          | Adjustment of gamma balance (Photo)      | L          | PPC (black)                | 128 <0-255> | SYS      | 4  |   |
| 592-1                |                |  | M          | PPC (black)                | 128 <0-255> | SYS      | 4  |   |
| 592-2                |                |  | H          | PPC (black)                | 128 <0-255> | SYS      | 4  |   |
| 596-0                | Image          | Adjustment of gamma balance (PS/Smooth)  | L          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 596-1                |                |  | M          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 596-2                |                |  | H          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 597-0                | Image          | Adjustment of gamma balance (PS/Detail)  | L          | PRT (black)                | 128 <0-255> | SYS      | When the value increases, the density in the target area becomes higher.<br>L: Low density area<br>M: Medium density area<br>H : High density area   | 4 |
| 597-1                |                |  | M          | PRT (black)                | 128 <0-255> | SYS      |  | 4 |
| 597-2                |                |  | H          | PRT (black)                | 128 <0-255> | SYS      |  | 4 |
| 598-0                | Image          | Adjustment of gamma balance (PCL/Smooth) | L          | PRT (black)                | 128 <0-255> | SYS      |  | 4 |
| 598-1                |                |  | M          | PRT (black)                | 128 <0-255> | SYS      |  | 4 |
| 598-2                |                |  | H          | PRT (black)                | 128 <0-255> | SYS      |  | 4 |
| 599-0                | Image          | Adjustment of gamma balance (PCL/Detail) | L          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 599-1                |                |  | M          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 599-2                |                |  | H          | PRT (black)                | 128 <0-255> | SYS      | 4  |   |
| 600                  | Image          | Background adjustment                    | Text/Photo | PPC (black)                | 5 <1-9>     | SYS      | When the value decreases, the background becomes darker. When the value increases, the background becomes lighter.                                   | 1 |
| 601                  |                |  | Text       | PPC (black)                | 5 <1-9>     | SYS      |  | 1 |
| 602                  |                |  | Photo      | PPC (black)                | 5 <1-9>     | SYS      |  | 1 |

| Adjustment mode (05) |                |                                       |                |             |                                  |     |  |           |
|----------------------|----------------|---------------------------------------|----------------|-------------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items                                 |                | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 604                  | Image          | Sharpness adjustment                  | Text/Photo     | PPC (black) | 0<br><0-31>                      | SYS | When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes.<br>* The default value 0 is equivalent to 16 (center value).                        | 1         |
| 605                  |                |                                       | Text           | PPC (black) | 0<br><0-31>                      | SYS |  | 1         |
| 606                  |                |                                       | Photo          | PPC (black) | 0<br><0-31>                      | SYS |  | 1         |
| 648                  | Image          | Adjustment of smudged/faint text      | Text/Photo     | PPC (black) | 30<br><0-255>                    | SYS | Adjustment of the smudged/faint text. With increasing the value, the faint text is suppressed, and with decreasing it, the smudged text is suppressed.   | 1         |
| 654                  | Image          | Adjustment of smudged/faint text      | PS             | PRT (black) | 5<br><0-9>                       | SYS | When the value decreases, the width of text becomes wider.   | 1         |
| 655                  |                |                                       | PCL            | PRT (black) | 5<br><0-9>                       | SYS |  | 1         |
| 663                  | Image          | Dot size adjustment in black printing |                | PRT (black) | 255<br><0-255>                   | SYS | Adjusts the dot size of primary scanning direction in black printing. The smaller the value is, the dot becomes smaller.   | 1         |
| 664                  | Image          | Upper limit in toner saving mode      | PS             | PRT (black) | 176<br><0-255>                   | SYS | When the value decreases, the printing density becomes lighter.  | 1         |
| 665                  |                |                                       | PCL            | PRT (black) | 176<br><0-255>                   | SYS |  | 1         |
| 667-0                | Image          | Setting beam level conversion         | Beam level 0/4 | PPC (black) | 0<br><0-255>                     | M   | Sets the beam level for 4 divided smoothing. The primary scanning direction is divided into 4 and the dot width is set at the 5 levels (incl. level "0"). The smaller the value is, the smaller the primary scanning direction of the dot becomes. | 4         |
| 667-1                |                |                                       | Beam level 1/4 | PPC (black) | 63<br><0-255>                    | M   |  | 4         |
| 667-2                |                |                                       | Beam level 2/4 | PPC (black) | 127<br><0-255>                   | M   |  | 4         |
| 667-3                |                |                                       | Beam level 3/4 | PPC (black) | 191<br><0-255>                   | M   |  | 4         |
| 667-4                |                |                                       | Beam level 4/4 | PPC (black) | 255<br><0-255>                   | M   |  | 4         |

| Adjustment mode (05) |                |   |                  |                            |                                 |          |  |   |
|----------------------|----------------|---|------------------|----------------------------|---------------------------------|----------|--|---|
| Code                 | Classification | Items   | Function         | Default <Acceptable value> | RAM                             | Contents | Procedure  |   |
| 693                  | Image          | Range correction on original set on the RADF                          | Text/Photo       | PPC (black)                | 22 <11-14, 21-24, 31-34, 41-44> | SYS      | Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively.<br>1: fixed/fixed<br>2: varied/fixed<br>3: fixed/varied<br>4: varied/varied<br>* Background peak/ Text peak | 1 |
| 694                  |                |   | Photo            | PPC (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |  | 1 |
| 695                  |                |   | Text             | PPC (black)                | 22 <11-14, 21-24, 31-34, 41-44> | SYS      |  | 1 |
| 700                  | Image          | Adjustment of binarized threshold (Text)                              | Center value     | FAX (black)                | 125 <0-255>                     | SYS      | When the value increases, the image of center value density becomes darker.  | 1 |
| 701                  |                |   | Light step value | FAX (black)                | 20 <0-255>                      | SYS      |  | 1 |
| 702                  |                |   | Dark step value  | FAX (black)                | 20 <0-255>                      | SYS      |  | 1 |
| 710                  | Image          | Density adjustment "manual density" fine adjustment/ Center value     | Photo            | FAX (black)                | 128 <0-255>                     | SYS      | When the value increases, the image of the center step density becomes darker.   | 1 |
| 714                  |                |   | Text/Photo       | FAX (black)                | 128 <0-255>                     | SYS      |  | 1 |
| 715                  | Image          | Density adjustment "manual density" fine adjustment/ Light step value | Photo            | FAX (black)                | 20 <0-255>                      | SYS      | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter.  | 1 |
| 719                  |                |   | Text/Photo       | FAX (black)                | 20 <0-255>                      | SYS      |  | 1 |
| 720                  | Image          | Density adjustment "manual density" fine adjustment/ Dark step value  | Photo            | FAX (black)                | 20 <0-255>                      | SYS      | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.  | 1 |
| 724                  |                |   | Text/Photo       | FAX (black)                | 20 <0-255>                      | SYS      |  | 1 |

| Adjustment mode (05) |                |   |            |                            |                                 |          |   |   |
|----------------------|----------------|---|------------|----------------------------|---------------------------------|----------|---|---|
| Code                 | Classification | Items   | Function   | Default <Acceptable value> | RAM                             | Contents | Procedure   |   |
| 725                  | Image          | Density adjustment "automatic density" fine adjustment          | Photo      | FAX (black)                | 128 <0-255>                     | SYS      | When the value increases, the image becomes darker.   | 1 |
| 729                  |                |   | Text/Photo | FAX (black)                | 128 <0-255>                     | SYS      |   | 1 |
| 825                  | Image          | Range correction on original manually set on the original glass | Text/Photo | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      | Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively.<br>1: fixed/fixed<br>2: varied/fixed<br>3: fixed/varied<br>4: varied/varied<br>* Background peak/Text peak | 1 |
| 826                  |                |   | Text       | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 827                  |                |   | Photo      | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 828                  |                |   | Gray scale | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 830                  | Image          | Range correction on original set on the RADF                    | Text/Photo | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      | Sets whether the values of the background peak and text peak are fixed or not. One's place is an adjustment for "automatic density" and ten's place is for "manual density". Once they are fixed, the range correction is performed with standard values. The values of the background peak and text peak affect the reproduction of the background density and text density respectively.<br>1: fixed/fixed<br>2: varied/fixed<br>3: fixed/varied<br>4: varied/varied<br>* Background peak/Text peak | 1 |
| 831                  |                |   | Text       | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 832                  |                |   | Photo      | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 833                  |                |   | Gray scale | SCN (black)                | 12 <11-14, 21-24, 31-34, 41-44> | SYS      |   | 1 |
| 835                  | Image          | Range correction Background peak adjustment                     | Text/Photo | SCN (black)                | 56 <0-255>                      | SYS      | When the value increases, the background of the image (low density area) becomes harder to be printed out.  | 1 |
| 836                  |                |   | Text       | SCN (black)                | 48 <0-255>                      | SYS      |   | 1 |
| 837                  |                |   | Photo      | SCN (black)                | 16 <0-255>                      | SYS      |   | 1 |
| 838                  |                |   | Gray scale | SCN (black)                | 32 <0-255>                      | SYS      |   | 1 |



| Adjustment mode (05) |                |   |            |             |                            |     |   |           |
|----------------------|----------------|---|------------|-------------|----------------------------|-----|---|-----------|
| Code                 | Classification | Items   |            | Function    | Default <Acceptable value> | RAM | Contents  | Procedure |
| 840                  | Image          | Sharpness adjustment  | Text/Photo | SCN (black) | 0 <0-31>                   | SYS | When the value increases, the image becomes sharper.<br>When the value decreases, the image becomes softer.<br>The smaller the value is, the less the moire becomes.<br>* The default value 0 is equivalent to 16 (center value). | 1         |
| 841                  |                |   | Text       | SCN (black) | 0 <0-31>                   | SYS |   | 1         |
| 842                  |                |   | Photo      | SCN (black) | 0 <0-31>                   | SYS |   | 1         |
| 843                  |                |   | Gray scale | SCN (black) | 0 <0-31>                   | SYS |   | 1         |
| 845                  | Image          | Density adjustment "manual density" fine adjustment/ Center value     | Text/Photo | SCN (black) | 128 <0-255>                | SYS | When the value increases, the image becomes darker.   | 1         |
| 846                  |                |   | Text       | SCN (black) | 128 <0-255>                | SYS |   | 1         |
| 847                  |                |   | Photo      | SCN (black) | 128 <0-255>                | SYS |   | 1         |
| 848                  | Image          | Fine adjustment of background / Center value                          |            | SCN (black) | 128 <0-255>                | SYS | When the value increases, the background becomes darker.  | 1         |
| 850                  | Image          | Density adjustment "manual density" fine adjustment/ Light step value | Text/Photo | SCN (black) | 20 <0-255>                 | SYS | When the value increases, the image of the "light" steps becomes lighter.   | 1         |
| 851                  |                |   | Text       | SCN (black) | 20 <0-255>                 | SYS |   | 1         |
| 852                  |                |   | Photo      | SCN (black) | 20 <0-255>                 | SYS |   | 1         |
| 853                  | Image          | Fine adjustment of background / Light step value (Image smoothing)    |            | SCN (black) | 50 <0-255>                 | SYS | Sets the changing amount by 1 step at background adjustment. When the value increases, the background of the "light" steps becomes lighter.   | 1         |
| 855                  | Image          | Density adjustment "manual density" fine adjustment/ Dark step value  | Text/Photo | SCN (black) | 20 <0-255>                 | SYS | When the value increases, the image of the "dark" steps becomes darker.   | 1         |
| 856                  |                |   | Text       | SCN (black) | 20 <0-255>                 | SYS |   | 1         |
| 857                  |                |   | Photo      | SCN (black) | 20 <0-255>                 | SYS |   | 1         |
| 858                  | Image          | Fine adjustment of background / Dark step value (Image smoothing)     |            | SCN (black) | 50 <0-255>                 | SYS | Sets the changing amount by 1 step at background adjustment. When the value increases, the background of the "dark" steps becomes darker.   | 1         |
| 860                  | Image          | Density adjustment "automatic density" fine adjustment                | Text/Photo | SCN (black) | 128 <0-255>                | SYS | When the value increases, the image becomes darker.   | 1         |
| 861                  |                |   | Text       | SCN (black) | 128 <0-255>                | SYS |   | 1         |
| 862                  |                |   | Photo      | SCN (black) | 128 <0-255>                | SYS |   | 1         |

| Adjustment mode (05) |                |  |          |                                  |                  |          |   |   |
|----------------------|----------------|--|----------|----------------------------------|------------------|----------|---|---|
| Code                 | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM              | Contents | Procedure   |   |
| 880-0                | Image          | Adjustment of gamma balance (Text/Photo)                         | L        | SCN (black)                      | 128<br><0-255>   | SYS      | When the value increases, the density in the target area becomes higher.<br>L: Low density area<br>M: Medium density area<br>H: High density area                     | 4 |
| 880-1                |                |  | M        | SCN (black)                      | 128<br><0-255>   | SYS      |   | 4 |
| 880-2                |                |  | H        | SCN (black)                      | 128<br><0-255>   | SYS      |   | 4 |
| 881-0                | Image          | Adjustment of gamma balance (Text)                               | L        | SCN (black)                      | 128<br><0-255>   | SYS      |   | 4 |
| 881-1                |                |  | M        | SCN (black)                      | 128<br><0-255>   | SYS      |   | 4 |
| 881-2                |                |  | H        | SCN (black)                      | 128<br><0-255>   | SYS      |   | 4 |
| 882-0                | Image          | Adjustment of gamma balance (Photo)                              | L        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 882-1                |                |  | M        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 882-2                |                |  | H        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 883-0                | Image          | Adjustment of gamma balance (Gray scale)                         | L        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 883-1                |                |  | M        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 883-2                |                |  | H        | SCN (black)                      | 128<br><0-255>   | SYS      | 4   |   |
| 884                  | Image          | Reproduction ratio fine adjustment of primary scanning direction |          | SCN (black)                      | 128<br><0-255>   | SYS      | When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.1%.<br>Effective with the resolution other than 600 dpi. | 1 |
| 953-0                | Image          | Color deviation correction 3 (A4/LT)                             | K        | ALL                              | 128<br><118-138> | M        | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.   | 4 |
| 953-1                |                |  | C        | ALL                              | 128<br><118-138> | M        |   | 4 |
| 953-2                |                |  | M        | ALL                              | 128<br><118-138> | M        |   | 4 |
| 953-3                |                |  | Y        | ALL                              | 128<br><118-138> | M        |   | 4 |

| Adjustment mode (05) |                |  |                   |             |                            |     |  |           |
|----------------------|----------------|--|-------------------|-------------|----------------------------|-----|--|-----------|
| Code                 | Classification | Items                                    |                   | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 954-0                | Image          | Color deviation correction 4 (A4/LT)     | K                 | ALL         | 128 <118-138>              | M   | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.                    | 4         |
| 954-1                |                |  | C                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 954-2                |                |  | M                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 954-3                |                |  | Y                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 955-0                | Image          | Color deviation correction 5 (A4/LT)     | K                 | ALL         | 128 <118-138>              | M   | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.                    | 4         |
| 955-1                |                |  | C                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 955-2                |                |  | M                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 955-3                |                |  | Y                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 956-0                | Image          | Color deviation correction 6 (A4/LT)     | K                 | ALL         | 128 <118-138>              | M   | When the value increases by "1", the image shifts toward the trailing edge of the paper by 0.0423 mm.                    | 4         |
| 956-1                |                |  | C                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 956-2                |                |  | M                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 956-3                |                |  | Y                 | ALL         | 128 <118-138>              | M   |  | 4         |
| 976                  | Maintenance    | Equipment number (serial number) display |                   | ALL         | -                          | SYS | When this adjustment is performed with this code, the setting code (08-995) is also performed automatically. (10 digits) | 1         |
| 1000                 | Image          | Automatic gamma adjustment               | PS/ 600x600 dpi   | PRT (color) | -                          | SYS | Adjusts the gradation reproduction for each color, Y, M, C and K.  | 7         |
| 1001                 |                |  | PS/ 1200x600 dpi  | PRT (color) | -                          | SYS |  | 7         |
| 1002                 |                |  | PCL/ 600x600 dpi  | PRT (color) | -                          | SYS |  | 7         |
| 1003                 |                |  | PCL/ 1200x600 dpi | PRT (color) | -                          | SYS |  | 7         |

| Adjustment mode (05) |                |  |          |                                  |                |          |  |   |
|----------------------|----------------|--|----------|----------------------------------|----------------|----------|--|---|
| Code                 | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM            | Contents | Procedure  |   |
| 1010-0               | Image          | Color balance adjustment for "Y" (PS/600x600dpi/Smooth)  | L        | PRT (color)                      | 128<br><0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1010-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1010-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1011-0               | Image          | Color balance adjustment for "M" (PS/600x600dpi/Smooth)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1011-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1011-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1012-0               | Image          | Color balance adjustment for "C" (PS/600x600dpi/Smooth)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1012-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1012-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1013-0               | Image          | Color balance adjustment for "K" (PS/600x600dpi/Smooth)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1013-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1013-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1014-0               | Image          | Color balance adjustment for "Y" (PS/600x600dpi/Detail)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1014-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1014-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1015-0               | Image          | Color balance adjustment for "M" (PS/600x600dpi/Detail)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1015-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1015-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1016-0               | Image          | Color balance adjustment for "C" (PS/600x600dpi/Detail)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1016-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1016-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1017-0               | Image          | Color balance adjustment for "K" (PS/600x600dpi/Detail)  | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1017-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1017-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1018-0               | Image          | Color balance adjustment for "Y" (PS/1200x600dpi/Smooth) | L        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1018-1               |                |  | M        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1018-2               |                |  | H        | PRT (color)                      | 128<br><0-255> | SYS      |  | 4 |

| Adjustment mode (05) |                |  |          |                            |             |          |  |   |
|----------------------|----------------|--|----------|----------------------------|-------------|----------|--|---|
| Code                 | Classification | Items  | Function | Default <Acceptable value> | RAM         | Contents | Procedure  |   |
| 1019-0               | Image          | Color balance adjustment for "M" (PS/ 1200x600dpi/ Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1019-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1019-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1020-0               | Image          | Color balance adjustment for "C" (PS/ 1200x600dpi/ Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1020-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1020-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1021-0               | Image          | Color balance adjustment for "K" (PS/ 1200x600dpi/ Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1021-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1021-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1022-0               | Image          | Color balance adjustment for "Y" (PS/ 1200x600dpi/ Detail) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1022-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1022-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1023-0               | Image          | Color balance adjustment for "M" (PS/ 1200x600dpi/ Detail) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1023-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1023-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1024-0               | Image          | Color balance adjustment for "C" (PS/ 1200x600dpi/ Detail) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1024-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1024-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1025-0               | Image          | Color balance adjustment for "K" (PS/ 1200x600dpi/ Detail) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1025-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1025-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1026-0               | Image          | Color balance adjustment for "Y" (PCL/ 600x600dpi/ Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1026-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1026-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1027-0               | Image          | Color balance adjustment for "M" (PCL/ 600x600dpi/ Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1027-1               |                |  | M        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |
| 1027-2               |                |  | H        | PRT (color)                | 128 <0-255> | SYS      | 4  |   |

| Adjustment mode (05) |                |   |          |                                  |             |          |  |   |
|----------------------|----------------|---|----------|----------------------------------|-------------|----------|--|---|
| Code                 | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM         | Contents | Procedure  |   |
| 1028-0               | Image          | Color balance adjustment for "C" (PCL/ 600x600dpi/ Smooth)  | L        | PRT (color)                      | 128 <0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1028-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1028-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1029-0               | Image          | Color balance adjustment for "K" (PCL/ 600x600dpi/ Smooth)  | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1029-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1029-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1030-0               | Image          | Color balance adjustment for "Y" (PCL/ 600x600dpi/ Detail)  | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1030-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1030-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1031-0               | Image          | Color balance adjustment for "M" (PCL/ 600x600dpi/ Detail)  | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1031-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1031-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1032-0               | Image          | Color balance adjustment for "C" (PCL/ 600x600dpi/ Detail)  | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1032-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1032-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1033-0               | Image          | Color balance adjustment for "K" (PCL/ 600x600dpi/ Detail)  | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1033-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1033-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1034-0               | Image          | Color balance adjustment for "Y" (PCL/ 1200x600dpi/ Smooth) | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1034-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1034-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1035-0               | Image          | Color balance adjustment for "M" (PCL/ 1200x600dpi/ Smooth) | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1035-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1035-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1036-0               | Image          | Color balance adjustment for "C" (PCL/ 1200x600dpi/ Smooth) | L        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1036-1               |                |   | M        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |
| 1036-2               |                |   | H        | PRT (color)                      | 128 <0-255> | SYS      |  | 4 |

| Adjustment mode (05) |                |   |          |                            |             |          |  |   |
|----------------------|----------------|---|----------|----------------------------|-------------|----------|--|---|
| Code                 | Classification | Items   | Function | Default <Acceptable value> | RAM         | Contents | Procedure  |   |
| 1037-0               | Image          | Color balance adjustment for "K" (PCL/1200x600dpi/Smooth) | L        | PRT (color)                | 128 <0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1037-1               |                |   | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1037-2               |                |   | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1038-0               | Image          | Color balance adjustment for "Y" (PCL/1200x600dpi/Detail) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1038-1               |                |   | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1038-2               |                |   | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1039-0               | Image          | Color balance adjustment for "M" (PCL/1200x600dpi/Detail) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1039-1               |                |   | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1039-2               |                |   | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1040-0               | Image          | Color balance adjustment for "C" (PCL/1200x600dpi/Detail) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1040-1               |                |   | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1040-2               |                |   | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1041-0               | Image          | Color balance adjustment for "K" (PCL/1200x600dpi/Detail) | L        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1041-1               |                |   | M        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1041-2               |                |   | H        | PRT (color)                | 128 <0-255> | SYS      |  | 4 |
| 1046-0               | Image          | Adjustment of maximum toner amount (Plain paper)          | PS       | PRT (color)                | 255 <0-255> | SYS      | When the value decreases, the image becomes lighter.<br><b>Note:</b><br>When the value increases, the image offsetting may occur.                      | 4 |
| 1046-1               |                |   | PCL      | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1047-0               | Image          | Adjustment of maximum toner amount (Thick paper 1)        | PS       | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1047-1               |                |   | PCL      | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1048-0               | Image          | Adjustment of maximum toner amount (Thick paper 2)        | PS       | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1048-1               |                |   | PCL      | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1049-0               | Image          | Adjustment of maximum toner amount (Thick paper 3)        | PS       | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1049-1               |                |   | PCL      | PRT (color)                | 255 <0-255> | SYS      |  | 4 |
| 1050-0               | Image          | Adjustment of maximum toner amount (OHP film)             | PS       | PRT (color)                | 200 <0-255> | SYS      |  | 4 |
| 1050-1               |                |   | PCL      | PRT (color)                | 200 <0-255> | SYS      |  | 4 |

| Adjustment mode (05) |                |  |               |             |                                  |     |   |           |
|----------------------|----------------|--|---------------|-------------|----------------------------------|-----|---|-----------|
| Code                 | Classification | Items  |               | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1055                 | Image          | Upper limit in toner saving mode                                 |               | PRT (color) | 176<br><0-255>                   | SYS | When the value decreases, the printing density becomes lighter.   | 1         |
| 1056                 |                |  |               | PRT (color) | 176<br><0-255>                   | SYS |   | 1         |
| 1057                 |                |  |               | PRT (color) | 176<br><0-255>                   | SYS |   | 1         |
| 1058                 |                |  |               | PRT (color) | 176<br><0-255>                   | SYS |   | 1         |
| 1060                 | Image          | Reproduction ratio fine adjustment of primary scanning direction |               | SCN (color) | 128<br><0-255>                   | SYS | When the value increases by "1", the reproduction ratio of primary scanning direction increases by approx. 0.1%. Effective with the resolution other than 600 dpi.  | 1         |
| 1065                 | Image          | Judgment threshold for ACS                                       |               | SCN (color) | 70<br><0-255>                    | SYS | When the value increases, originals tend to be judged as monochrome, and when the value decreases, they tend to be judged as color in autocolour mode.  | 1         |
| 1066                 | Image          | Judgment threshold for ACS on original set on the RADF           |               | SCN (color) | 70<br><0-255>                    | SYS |   | 1         |
| 1070                 | Image          | Fine adjustment of background                                    | Text          | SCN (color) | 0<br><0-50>                      | SYS | Adjusts the level of background. When the value increases, the background becomes more brightened.  | 1         |
| 1071                 |                |  | Printed image | SCN (color) | 0<br><0-50>                      | SYS |   | 1         |
| 1072                 |                |  | Photo         | SCN (color) | 0<br><0-50>                      | SYS |   | 1         |
| 1075                 | Image          | Fine adjustment of black density                                 | Text          | SCN (color) | 0<br><0-4>                       | SYS | Adjusts the black density of the scanned image. When the value increases, the black density becomes darker.   | 1         |
| 1076                 |                |  | Printed image | SCN (color) | 0<br><0-4>                       | SYS |   | 1         |
| 1077                 |                |  | Photo         | SCN (color) | 0<br><0-4>                       | SYS |   | 1         |
| 1080                 | Image          | RGB conversion method selection                                  | Text          | SCN (color) | 0<br><0-3>                       | SYS | Sets the color space format of the output image.<br>0: sRGB<br>1: AppleRGB<br>2: ROMMRGB<br>3: AdobeRGB   | 1         |
| 1081                 |                |  | Printed image | SCN (color) | 0<br><0-3>                       | SYS |   | 1         |
| 1082                 |                |  | Photo         | SCN (color) | 0<br><0-3>                       | SYS |   | 1         |
| 1086                 | Image          | Sharpness adjustment   | Text          | SCN (color) | 0<br><0-31>                      | SYS | When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes.<br>* The default value 0 is equivalent to 16 (center value). | 1         |
| 1087                 |                |  | Printed image | SCN (color) | 0<br><0-31>                      | SYS |   | 1         |
| 1088                 |                |  | Photo         | SCN (color) | 0<br><0-31>                      | SYS |   | 1         |



| Adjustment mode (05) |                |   |               |                            |             |          |   |   |
|----------------------|----------------|---|---------------|----------------------------|-------------|----------|---|---|
| Code                 | Classification | Items   | Function      | Default <Acceptable value> | RAM         | Contents | Procedure   |   |
| 1550                 | Image          | Density adjustment "manual density" fine adjustment/ Center value     | Text/Photo    | PPC (color)                | 128 <0-255> | SYS      | When the value increases, the image becomes darker.   | 1 |
| 1551                 |                |   | Text          | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1552                 |                |   | Printed image | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1553                 |                |   | Photo         | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1554                 |                |   | Map           | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1560                 | Image          | Density adjustment "manual density" fine adjustment/ Dark step value  | Text/Photo    | PPC (color)                | 20 <0-255>  | SYS      | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "dark" steps becomes darker.   | 1 |
| 1561                 |                |   | Text          | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1562                 |                |   | Printed image | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1563                 |                |   | Photo         | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1564                 |                |   | Map           | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1570                 | Image          | Density adjustment "manual density" fine adjustment/ Light step value | Text/Photo    | PPC (color)                | 20 <0-255>  | SYS      | Sets the changing amount by 1 step at the density adjustment. When the value increases, the image of the "light" steps becomes lighter. | 1 |
| 1571                 |                |   | Text          | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1572                 |                |   | Printed image | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1573                 |                |   | Photo         | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1574                 |                |   | Map           | PPC (color)                | 20 <0-255>  | SYS      |   | 1 |
| 1580                 | Image          | Density adjustment "automatic density" fine adjustment                | Text/Photo    | PPC (color)                | 128 <0-255> | SYS      | When the value increases, the image becomes darker.   | 1 |
| 1581                 |                |   | Text          | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1582                 |                |   | Printed image | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1583                 |                |   | Photo         | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1584                 |                |   | Map           | PPC (color)                | 128 <0-255> | SYS      |   | 1 |
| 1612                 | Image          | Adjustment of maximum toner amount                                    | Plain paper   | PPC (color)                | 255 <0-255> | SYS      | When the value decreases, the image becomes lighter.<br><br><b>Note:</b><br>When the value increases, image offsetting may occur.       | 1 |
| 1613                 |                |   | Thick paper 1 | PPC (color)                | 249 <0-255> | SYS      |   | 1 |
| 1614                 |                |   | Thick paper 2 | PPC (color)                | 237 <0-255> | SYS      |   | 1 |
| 1615                 |                |   | Thick paper 3 | PPC (color)                | 237 <0-255> | SYS      |   | 1 |
| 1616                 |                |   | OHP film      | PPC (color)                | 249 <0-255> | SYS      |   | 1 |

| Adjustment mode (05) |                |   |               |             |                                  |     |   |  |
|----------------------|----------------|---|---------------|-------------|----------------------------------|-----|---|--|
| Code                 | Classification | Items   |               | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure  |
| 1630                 | Image          | Maximum text density adjustment   | Y             | PPC (color) | 5<br><0-10>                      | SYS | When the value increases by "1", the maximum text density of each color becomes darker.   | 1  |
| 1631                 |                |   | M             | PPC (color) | 5<br><0-10>                      | SYS |   | 1  |
| 1632                 |                |   | C             | PPC (color) | 5<br><0-10>                      | SYS |   | 1  |
| 1633                 |                |   | K             | PPC (color) | 5<br><0-10>                      | SYS |   | 1  |
| 1642                 | Image          | Automatic gamma adjustment  | Color/Black   | PPC         | -                                | SYS | Automatic adjustment of gradation reproduction in the Full Color Mode (each color of Y, M, C and K) and Black Mode.                               | 7  |
| 1643                 |                |   | Color         | PPC         | -                                | SYS |   | Automatic adjustment of gradation reproduction in the Full Color Mode (each color of Y, M, C and K). |
| 1675                 | Image          | Judgment threshold for ACS  |               | PPC (color) | 70<br><0-255>                    | SYS | When the value increases, originals tend to be judged as black, and when the value decreases, they tend to be judged as color in auto-color mode. | 1  |
| 1676                 | Image          | Judgment threshold for ACS on original set on the RADF                          |               | PPC (color) | 70<br><0-255>                    | SYS |   | 1  |
| 1688                 | Image          | Automatic off-setting adjustment for background processing (background density) | Text/Photo    | PPC (color) | 128<br><0-255>                   | SYS | When the value increases, the background becomes darker.  | 1  |
| 1689                 |                |   | Text          | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1690                 |                |   | Printed image | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1691                 |                |   | Photo         | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1692                 |                |   | Map           | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1693                 | Image          | Automatic off-setting adjustment for background processing (text density)       | Text/Photo    | PPC (color) | 128<br><0-255>                   | SYS | When the value increases, the text becomes darker.  | 1  |
| 1694                 |                |   | Text          | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1695                 |                |   | Printed image | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1696                 |                |   | Photo         | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |
| 1697                 |                |   | Map           | PPC (color) | 128<br><0-255>                   | SYS |   | 1  |

| Adjustment mode (05) |                |   |               |                                  |                |   |   |   |
|----------------------|----------------|---|---------------|----------------------------------|----------------|---|---|---|
| Code                 | Classification | Items   | Function      | Default<br><Acceptable<br>value> | RAM            | Contents  | Procedure   |   |
| 1698                 | Image          | Manual offsetting adjustment for background processing (background density) | Text/Photo    | PPC (color)                      | 128<br><0-255> | SYS   | When the value increases, the background becomes darker.  | 1 |
| 1699                 |                |   | Text          | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1700                 |                |   | Printed image | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1701                 |                |   | Photo         | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1702                 |                |   | Map           | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1708                 | Image          | Manual offsetting adjustment for background processing (text density)       | Text/Photo    | PPC (color)                      | 128<br><0-255> | SYS   | When the value increases, the text becomes darker.  | 1 |
| 1709                 |                |   | Text          | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1710                 |                |   | Printed image | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1711                 |                |   | Photo         | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1712                 |                |   | Map           | PPC (color)                      | 128<br><0-255> | SYS   |   | 1 |
| 1725                 | Image          | Text/Photo reproduction level adjustment                                    | PPC (color)   | 0<br><0-5>                       | SYS            | 0: Default<br>1: Photo oriented 2 (The printed image reproduction level higher than that of the Photo oriented 1)<br>2: Photo oriented 1 (The printed image reproduction level higher than that of the Default)<br>3: Equivalent to the Default<br>4: Text oriented 1 (The text reproduction level higher than that of the Default)<br>5: Text oriented 2 (The text reproduction level higher than that of the Text oriented 1) | 1   |   |
| 1737                 | Image          | Sharpness adjustment / Full Color Mode                                      | Text/Photo    | PPC (color)                      | 0<br><0-31>    | SYS   | When the value increases, the image becomes sharper. When the value decreases, the image becomes softer. The smaller the value is, the less the moire becomes.<br>* The default value 0 is equivalent to 16 (center value). | 1 |
| 1738                 |                |   | Text          | PPC (color)                      | 0<br><0-31>    | SYS   |   | 1 |
| 1739                 |                |   | Printed image | PPC (color)                      | 0<br><0-31>    | SYS   |   | 1 |
| 1740                 |                |   | Photo         | PPC (color)                      | 0<br><0-31>    | SYS   |   | 1 |
| 1741                 |                |   | Map           | PPC (color)                      | 0<br><0-31>    | SYS   |   | 1 |

| Adjustment mode (05) |                |  |                |                                       |                |  |  |   |
|----------------------|----------------|--|----------------|---------------------------------------|----------------|--|--|---|
| Code                 | Classification | Items  | Function       | Default<br><Acceptable<br>value>      | RAM            | Contents   | Procedure  |   |
| 1757                 | Image          | Sharpness adjustment /<br>Auto Color Mode (Text/<br>Photo)       | PPC<br>(color) | EUR: 0<br>UC: 0<br>JAPN: 22<br><0-31> | SYS            | When the value<br>increases, the image<br>becomes sharper.<br>When the value<br>decreases, the image<br>becomes softer. The<br>smaller the value is, the<br>less the moire<br>becomes.<br>* The default value 0<br>is equivalent to<br>16(center value). | 1  |   |
| 1761                 | Image          | Black reproduction switch-<br>ing                                | PPC<br>(color) | 0<br><0-1>                            | SYS            | 0: Default<br>1: Black reproduction<br>oriented  | 1  |   |
| 1769                 | Image          | Setting for<br>highlighter                                       | Vivid          | PPC<br>(color)                        | 0<br><0-2>     | SYS  | Sets the reproduction<br>mode for highlighter for<br>four types of one touch<br>adjustment.<br>0: Default<br>1: Highlighter 1<br>2: Highlighter 2                  | 1 |
| 1770                 |                |  | Clear          | PPC<br>(color)                        | 0<br><0-2>     | SYS  |  | 1 |
| 1771                 |                |  | Warm           | PPC<br>(color)                        | 0<br><0-2>     | SYS  |  | 1 |
| 1772                 |                |  | Cool           | PPC<br>(color)                        | 0<br><0-2>     | SYS  |  | 1 |
| 1779-0               | Image          | Color bal-<br>ance adjust-<br>ment for "Y"<br>(Text/Photo)       | L              | PPC<br>(color)                        | 128<br><0-255> | SYS  | The target color, mode<br>and density area<br>become darker as the<br>value increases.<br>L: Low density area<br>M: Medium density<br>area<br>H: High density area | 4 |
| 1779-1               |                |  | M              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1779-2               |                |  | H              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1780-0               | Image          | Color bal-<br>ance adjust-<br>ment for "Y"<br>(Text)             | L              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1780-1               |                |  | M              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1780-2               |                |  | H              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1781-0               | Image          | Color bal-<br>ance adjust-<br>ment for "Y"<br>(Printed<br>image) | L              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1781-1               |                |  | M              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1781-2               |                |  | H              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1782-0               | Image          | Color bal-<br>ance adjust-<br>ment for "Y"<br>(Photo)            | L              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1782-1               |                |  | M              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1782-2               |                |  | H              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1783-0               | Image          | Color bal-<br>ance adjust-<br>ment for "Y"<br>(Map)              | L              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1783-1               |                |  | M              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |
| 1783-2               |                |  | H              | PPC<br>(color)                        | 128<br><0-255> | SYS  |  | 4 |

| Adjustment mode (05) |                |  |          |                            |             |          |  |   |
|----------------------|----------------|--|----------|----------------------------|-------------|----------|--|---|
| Code                 | Classification | Items  | Function | Default <Acceptable value> | RAM         | Contents | Procedure  |   |
| 1784-0               | Image          | Color balance adjustment for "M" (Text/Photo)    | L        | PPC (color)                | 128 <0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1784-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1784-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1785-0               | Image          | Color balance adjustment for "M" (Text)          | L        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1785-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1785-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1786-0               | Image          | Color balance adjustment for "M" (Printed image) | L        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1786-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1786-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      |  | 4 |
| 1787-0               | Image          | Color balance adjustment for "M" (Photo)         | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1787-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1787-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1788-0               | Image          | Color balance adjustment for "M" (Map)           | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1788-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1788-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1789-0               | Image          | Color balance adjustment for "C" (Text/Photo)    | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1789-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1789-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1790-0               | Image          | Color balance adjustment for "C" (Text)          | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1790-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1790-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1791-0               | Image          | Color balance adjustment for "C" (Printed image) | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1791-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1791-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1792-0               | Image          | Color balance adjustment for "C" (Photo)         | L        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1792-1               |                |  | M        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |
| 1792-2               |                |  | H        | PPC (color)                | 128 <0-255> | SYS      | 4  |   |

| Adjustment mode (05) |                |  |          |                                  |                |          |  |   |
|----------------------|----------------|--|----------|----------------------------------|----------------|----------|--|---|
| Code                 | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM            | Contents | Procedure  |   |
| 1793-0               | Image          | Color balance adjustment for "C" (Map)           | L        | PPC (color)                      | 128<br><0-255> | SYS      | The target color, mode and density area become darker as the value increases.<br>L: Low density area<br>M: Medium density area<br>H: High density area | 4 |
| 1793-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1793-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1794-0               | Image          | Color balance adjustment for "K" (Text/Photo)    | L        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1794-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1794-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1795-0               | Image          | Color balance adjustment for "K" (Text)          | L        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1795-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1795-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1796-0               | Image          | Color balance adjustment for "K" (Printed image) | L        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1796-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1796-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1797-0               | Image          | Color balance adjustment for "K" (Photo)         | L        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1797-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1797-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1798-0               | Image          | Color balance adjustment for "K" (Map)           | L        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1798-1               |                |  | M        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1798-2               |                |  | H        | PPC (color)                      | 128<br><0-255> | SYS      |  | 4 |
| 1800-0               | Image control  | Upper limit value of contrast voltage            | Y        | ALL                              | 650<br><0-999> | M        | Sets the upper limit value of the contrast voltage at the image quality control. (Unit: V)   | 4 |
| 1800-1               |                |  | M        | ALL                              | 650<br><0-999> | M        |  | 4 |
| 1800-2               |                |  | C        | ALL                              | 650<br><0-999> | M        |  | 4 |
| 1800-3               |                |  | K        | ALL                              | 600<br><0-999> | M        |  | 4 |
| 1801-0               | Image control  | Lower limit value of contrast voltage            | Y        | ALL                              | 120<br><0-999> | M        | Sets the lower limit value of the contrast voltage at the image quality control. (Unit: V)   | 4 |
| 1801-1               |                |  | M        | ALL                              | 120<br><0-999> | M        |  | 4 |
| 1801-2               |                |  | C        | ALL                              | 120<br><0-999> | M        |  | 4 |
| 1801-3               |                |  | K        | ALL                              | 120<br><0-999> | M        |  | 4 |

| Adjustment mode (05) |                |  |   |          |                                  |     |   |           |
|----------------------|----------------|--|---|----------|----------------------------------|-----|---|-----------|
| Code                 | Classification | Items  |   | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1802-0               | Image control  | Upper limit value of laser power   | Y | ALL      | 800<br><0-999>                   | M   | Sets the upper limit value of the laser power at the image quality control. (Unit: μW)  | 4         |
| 1802-1               |                |  | M | ALL      | 800<br><0-999>                   | M   |   | 4         |
| 1802-2               |                |  | C | ALL      | 800<br><0-999>                   | M   |   | 4         |
| 1802-3               |                |  | K | ALL      | 800<br><0-999>                   | M   |   | 4         |
| 1803-0               | Image control  | Lower limit value of laser power   | Y | ALL      | 350<br><0-999>                   | M   | Sets the lower limit value of the laser power at the image quality control. (Unit: μW)  | 4         |
| 1803-1               |                |  | M | ALL      | 350<br><0-999>                   | M   |   | 4         |
| 1803-2               |                |  | C | ALL      | 350<br><0-999>                   | M   |   | 4         |
| 1803-3               |                |  | K | ALL      | 350<br><0-999>                   | M   |   | 4         |
| 1804-0               | Image control  | Background voltage actual value display  | Y | ALL      | 125<br><0-999>                   | M   | Displays the background voltage when printing is operated. (Unit: V)  | 10        |
| 1804-1               |                |  | M | ALL      | 125<br><0-999>                   | M   |   | 10        |
| 1804-2               |                |  | C | ALL      | 125<br><0-999>                   | M   |   | 10        |
| 1804-3               |                |  | K | ALL      | 125<br><0-999>                   | M   |   | 10        |
| 1805-0               | Image control  | Drum surface potential characteristic/slope factor display                                     | Y | ALL      | 979<br><0-999>                   | M   | Displays the slope factor of the approximate expression of the drum surface potential to the main charger grid voltage at the open-loop control.  | 10        |
| 1805-1               |                |  | M | ALL      | 979<br><0-999>                   | M   |   | 10        |
| 1805-2               |                |  | C | ALL      | 979<br><0-999>                   | M   |   | 10        |
| 1805-3               |                |  | K | ALL      | 990<br><0-999>                   | M   |   | 10        |
| 1806-0               | Image control  | Drum surface potential characteristic/offset factor display                                    | Y | ALL      | -6<br><-999-999>                 | M   | Displays the offset factor of the approximate expression of the drum surface potential to the main charger grid voltage at the open-loop control. | 10        |
| 1806-1               |                |  | M | ALL      | -6<br><-999-999>                 | M   |   | 10        |
| 1806-2               |                |  | C | ALL      | -6<br><-999-999>                 | M   |   | 10        |
| 1806-3               |                |  | K | ALL      | -4<br><-999-999>                 | M   |   | 10        |
| 1807-0               | Image control  | Drum exposure voltage characteristic/slope factor display (main charger grid low voltage area) | Y | ALL      | 58<br><0-999>                    | M   | Displays the slope factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.   | 10        |
| 1807-1               |                |  | M | ALL      | 58<br><0-999>                    | M   |   | 10        |
| 1807-2               |                |  | C | ALL      | 58<br><0-999>                    | M   |   | 10        |
| 1807-3               |                |  | K | ALL      | 60<br><0-999>                    | M   |   | 10        |

| Adjustment mode (05) |                |  |   |          |                                  |     |  |           |
|----------------------|----------------|--|---|----------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items  |   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1808-0               | Image control  | Drum exposure voltage characteristic/offset factor display (main charger grid low voltage area)  | Y | ALL      | 35<br><-999-999>                 | M   | Displays the offset factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control. | 10        |
| 1808-1               |                |  | M | ALL      | 35<br><-999-999>                 | M   |  | 10        |
| 1808-2               |                |  | C | ALL      | 35<br><-999-999>                 | M   |  | 10        |
| 1808-3               |                |  | K | ALL      | 42<br><-999-999>                 | M   |  | 10        |
| 1809-0               | Image control  | Drum exposure voltage characteristic/slope factor display (main charger grid high voltage area)  | Y | ALL      | 49<br><0-999>                    | M   | Displays the slope factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control.  | 10        |
| 1809-1               |                |  | M | ALL      | 49<br><0-999>                    | M   |  | 10        |
| 1809-2               |                |  | C | ALL      | 49<br><0-999>                    | M   |  | 10        |
| 1809-3               |                |  | K | ALL      | 53<br><0-999>                    | M   |  | 10        |
| 1810-0               | Image control  | Drum exposure voltage characteristic/offset factor display (main charger grid high voltage area) | Y | ALL      | 41<br><-999-999>                 | M   | Displays the offset factor of the approximate expression of the drum exposure voltage to the main charger grid voltage at the open-loop control. | 10        |
| 1810-1               |                |  | M | ALL      | 41<br><-999-999>                 | M   |  | 10        |
| 1810-2               |                |  | C | ALL      | 41<br><-999-999>                 | M   |  | 10        |
| 1810-3               |                |  | K | ALL      | 47<br><-999-999>                 | M   |  | 10        |
| 1811-0               | Image control  | Contrast voltage/upper limit actual value display  | Y | ALL      | 500<br><0-999>                   | M   | Displays the upper limit value of the contrast voltage when printing is operated. (Unit: V)  | 10        |
| 1811-1               |                |  | M | ALL      | 500<br><0-999>                   | M   |  | 10        |
| 1811-2               |                |  | C | ALL      | 500<br><0-999>                   | M   |  | 10        |
| 1811-3               |                |  | K | ALL      | 600<br><0-999>                   | M   |  | 10        |
| 1812-0               | Image control  | Contrast voltage/lower limit actual value display  | Y | ALL      | 120<br><0-999>                   | M   | Displays the lower limit value of the contrast voltage when printing is operated. (Unit: V)  | 10        |
| 1812-1               |                |  | M | ALL      | 120<br><0-999>                   | M   |  | 10        |
| 1812-2               |                |  | C | ALL      | 120<br><0-999>                   | M   |  | 10        |
| 1812-3               |                |  | K | ALL      | 120<br><0-999>                   | M   |  | 10        |



| Adjustment mode (05) |                |  |          |                            |               |          |  |    |
|----------------------|----------------|--|----------|----------------------------|---------------|----------|--|----|
| Code                 | Classification | Items  | Function | Default <Acceptable value> | RAM           | Contents | Procedure  |    |
| 1813-0               | Image control  | Display of background voltage/upper limit actual value | Y        | ALL                        | 170 <0-999>   | M        | Displays the upper limit value of the background voltage when printing is operated. (Unit: V)          | 10 |
| 1813-1               |                |  | M        | ALL                        | 170 <0-999>   | M        |  | 10 |
| 1813-2               |                |  | C        | ALL                        | 170 <0-999>   | M        |  | 10 |
| 1813-3               |                |  | K        | ALL                        | 170 <0-999>   | M        |  | 10 |
| 1814-0               | Image control  | Background voltage/lower limit actual value display    | Y        | ALL                        | 80 <0-999>    | M        | Displays the lower limit value of the background voltage when printing is operated. (Unit: V)          | 10 |
| 1814-1               |                |  | M        | ALL                        | 80 <0-999>    | M        |  | 10 |
| 1814-2               |                |  | C        | ALL                        | 80 <0-999>    | M        |  | 10 |
| 1814-3               |                |  | K        | ALL                        | 80 <0-999>    | M        |  | 10 |
| 1815-0               | Image control  | Contrast voltage/correction number of time display     | Y        | ALL                        | 0 <0-255>     | M        | Displays the actual number of time the contrast voltage has been corrected at the closed-loop control. | 10 |
| 1815-1               |                |  | M        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1815-2               |                |  | C        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1815-3               |                |  | K        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1816-0               | Image control  | Laser power correction/number of time display          | Y        | ALL                        | 0 <0-255>     | M        | Displays the actual number of time the laser power has been corrected at the closed-loop control.      | 10 |
| 1816-1               |                |  | M        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1816-2               |                |  | C        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1816-3               |                |  | K        | ALL                        | 0 <0-255>     | M        |  | 10 |
| 1817                 | Image control  | Laser power actual value display                       |          | PPC (black)                | 92 <0-255>    | M        | Displays the laser power value when copying in the Black Mode. (Bit value)                             | 2  |
| 1819                 | Image control  | Laser power correcting factor                          |          | PPC (black)                | 100 <100-255> | M        | Perform the correction of the setting 05-1817. (Unit: %)   | 1  |
| 1820                 | Image control  | Laser power actual value display                       |          | PRT (black)                | 92 <0-255>    | M        | Displays the laser power value when printing in the Black Mode. (Bit value)                            | 2  |
| 1821                 | Image control  | Laser power correcting factor                          |          | PRT (black)                | 100 <100-255> | M        | Perform the correction of the setting 05-1820. (Unit: %)   | 1  |

| Adjustment mode (05) |                |  |                           |             |                                  |     |  |           |
|----------------------|----------------|--|---------------------------|-------------|----------------------------------|-----|--|-----------|
| Code                 | Classification | Items  |                           | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1822-0               | Transfer       | 2nd transfer roller bias correction of trailing edge of paper  | Plain paper               | ALL         | 92<br><0-255>                    | M   | Corrects the 2nd transfer roller bias output of the trailing edge of paper (05-227, 229, 230, 231 and 232).<br>Correction factor: %    | 14        |
| 1822-1               |                |  | Thick paper 1             | ALL         | 88<br><0-255>                    | M   |  | 14        |
| 1822-2               |                |  | Thick paper 2             | ALL         | 90<br><0-255>                    | M   |  | 14        |
| 1822-3               |                |  | Thick paper 3             | ALL         | 90<br><0-255>                    | M   |  | 14        |
| 1822-4               |                |  | OHP film                  | ALL         | 90<br><0-255>                    | M   |  | 14        |
| 1823-0               | Transfer       | Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Plain paper)   | Single side               | ALL (black) | 162<br><0-255>                   | M   | Displays the value of 2nd transfer roller bias when the actual printing is operated.<br>(The value corrected in 05-1822 is displayed.) | 10        |
| 1823-1               |                |  | Reverse side at duplexing | ALL (black) | 139<br><0-255>                   | M   |  | 10        |
| 1823-2               |                |  | Single side               | ALL (color) | 150<br><0-255>                   | M   |  | 10        |
| 1823-3               |                |  | Reverse side at duplexing | ALL (color) | 133<br><0-255>                   | M   |  | 10        |
| 1825-0               | Transfer       | Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 1) | Single side               | ALL (black) | 149<br><0-255>                   | M   |  | 10        |
| 1825-1               |                |  | Reverse side at duplexing | ALL (black) | 127<br><0-255>                   | M   |  | 10        |
| 1825-2               |                |  | Single side               | ALL (color) | 133<br><0-255>                   | M   |  | 10        |
| 1825-3               |                |  | Reverse side at duplexing | ALL (color) | 121<br><0-255>                   | M   |  | 10        |
| 1826-0               | Transfer       | Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 2) |                           | ALL (black) | 157<br><0-255>                   | M   |  | 10        |
| 1826-1               |                |  |                           | ALL (color) | 154<br><0-255>                   | M   |  | 10        |
| 1827-0               | Transfer       | Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (Thick paper 3) |                           | ALL (black) | 137<br><0-255>                   | M   |  | 10        |
| 1827-1               |                |  |                           | ALL (color) | 137<br><0-255>                   | M   |  | 10        |
| 1828-0               | Transfer       | Display of intermediate level of 2nd transfer roller bias actual value of trailing edge of paper (OHP film)      |                           | ALL (black) | 126<br><0-255>                   | M   |  | 10        |
| 1828-1               |                |  |                           | ALL (color) | 126<br><0-255>                   | M   |  | 10        |
| 1829-0               | Transfer       | 1st transfer roller bias correction at deceleration  | Thick paper 2             | ALL         | 80<br><0-100>                    | M   | Corrects the 1st transfer roller bias output.<br>Correction factor: %  | 14        |
| 1829-1               |                |  | Thick paper 3             | ALL         | 80<br><0-100>                    | M   |  | 14        |
| 1829-2               |                |  | OHP film                  | ALL         | 80<br><0-100>                    | M   |  | 14        |

| Adjustment mode (05) |                |   |  |             |                            |     |  |           |
|----------------------|----------------|---|--|-------------|----------------------------|-----|--|-----------|
| Code                 | Classification | Items   |  | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1831                 | Transfer       | 1st transfer roller bias actual value display at deceleration (Thick paper 2)                           |  | ALL (black) | 187 <0-255>                | M   | Displays the value of 1st transfer roller bias at deceleration when the actual printing is operated. (The value corrected in 05-1829 is displayed.)  | 2         |
| 1832                 | Transfer       | 1st transfer roller bias actual value display at deceleration (Thick paper 3)                           |  | ALL (black) | 187 <0-255>                | M   |  | 2         |
| 1833                 | Transfer       | 1st transfer roller bias actual value display at deceleration (OHP film)                                |  | ALL (black) | 187 <0-255>                | M   |  | 2         |
| 1836                 | Transfer       | 1st transfer roller bias actual value display in low-speed color printing (Plain paper / Thick paper 1) |  | ALL (color) | 178 <0-255>                | M   | Displays the actual value of the 1st transfer roller bias when the transfers of all colors (Y, M, C and K) have finished. This adjustment is valid only when the value of the code 08-497 is "1" (6 pages/minute). | 2         |
| 1839-0               | Transfer       | 2nd transfer roller bias correction of leading/trailing edge of paper (Tab paper)                       | Intermediate level bias of trailing edge | ALL         | 100 <0-100>                | M   | Corrects the 2nd transfer roller bias output of leading/trailing edge of paper (05-1840). (Correcting factor: %)   | 14        |
| 1839-1               |                |   | Bias of leading/trailing edge            | ALL         | 90 <0-100>                 | M   |  | 14        |
| 1840-0               | Transfer       | 2nd transfer roller bias output adjustment (Tab paper)  |  | ALL (black) | 153 <0-187>                | M   | As the value decreases, the 2nd transfer roller bias output increases correspondingly. The adjustment value becomes effective when the Setting Mode (08-544, 549 and 551) is 0 (invalid).                          | 14        |
| 1840-1               |                |   |  | ALL (color) | 150 <0-187>                | M   |  | 14        |
| 1841-0               | Transfer       | 2nd transfer roller bias offsetting adjustment (Tab paper)  |  | ALL (black) | 5 <0-10>                   | M   | Sets the offset amount of 2nd transfer roller bias.<br>0: -500V      1: -400V<br>2: -300V      3: -200V<br>4: -100V      5: 0V<br>6: +100V      7: +200V<br>8: +300V      9: +400V<br>10: +500V                    | 4         |
| 1841-1               |                |   |  | ALL (color) | 5 <0-10>                   | M   |  | 4         |

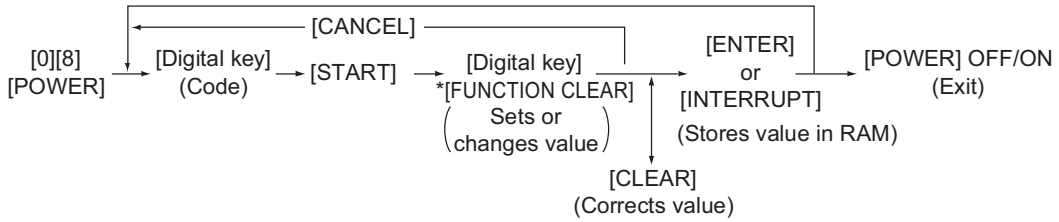
| Adjustment mode (05) |                |  |  |             |                                  |                |   |   |   |
|----------------------|----------------|--|--|-------------|----------------------------------|----------------|---|---|---|
| Code                 | Classification | Items  |  | Function    | Default<br><Acceptable<br>value> | RAM            | Contents  | Procedure   |   |
| 1842-0               | Transfer       | Actual value display of 2nd transfer roller bias of leading/trailing edge of paper (Tab paper) | Intermediate level bias of trailing edge | ALL (black) | 153<br><0-225>                   | M              | Displays the value of 2nd transfer roller bias on the leading/trailing edge of paper when printing is performed. (The value corrected in 05-1839 is displayed.) | 10  |   |
| 1842-1               |                |  | Bias of leading/trailing edge            | ALL (black) | 157<br><0-225>                   | M              |   | 10  |   |
| 1842-2               |                |  | Intermediate level bias of trailing edge | ALL (color) | 150<br><0-225>                   | M              |   | 10  |   |
| 1842-3               |                |  | Bias of leading/trailing edge            | ALL (color) | 154<br><0-225>                   | M              |   | 10  |   |
| 1845-0               | Transfer       | 2nd transfer roller bias actual value display (Tab paper)                                      |  | ALL (black) | 153<br><0-187>                   | M              | Displays the value of 2nd transfer roller bias when printing is operated.   | 10  |   |
| 1845-1               |                |  |  | ALL (color) | 150<br><0-187>                   | M              |   | 10  |   |
| 1847                 | Transfer       | 1st transfer roller bias actual value display (Tab paper)                                      |  | ALL         | 400<br><300-800>                 | M              | The drum surface potential at the 1st transfer bias resistance detection control is adjusted. [Unit: V]   | 1   |   |
| 1848                 | Transfer       | 1st transfer bias resistance detection control Result value display                            |  | ALL         | -<br><0-9999>                    | M              | The result value of the 1st transfer bias resistance detection control is displayed. [Unit: V]  | 2   |   |
| 1849                 | Transfer       | 1st transfer roller bias output adjustment   |  | ALL (black) | 154<br><0-225>                   | M              | When the value decreases, the 1st transfer roller bias output increases. This setting is enabled when "0" (disabled) is set at the codes 08-541, -549 and -551. | 1   |   |
| 1850-0               | Transfer       | 1st transfer roller bias output adjustment   |  | Y           | ALL (color)                      | 138<br><0-225> | M   | When the value decreases, the 1st transfer roller bias output increases. This setting is enabled when "0" (disabled) is set at the codes 08-541, -549 and -551. | 4 |
| 1850-1               |                |  |  | M           | ALL (color)                      | 143<br><0-225> | M   |   | 4 |
| 1850-2               |                |  |  | C           | ALL (color)                      | 154<br><0-225> | M   |   | 4 |
| 1850-3               |                |  |  | K           | ALL (color)                      | 154<br><0-225> | M   |   | 4 |
| 1861                 | Transfer       | 1st transfer roller bias RMS value display   |  | ALL (black) | 154<br><0-225>                   | M              | The RMS value of the 1st transfer roller bias at the time of printing is displayed.   | 2   |   |

| Adjustment mode (05) |                |   |   |                |                                  |     |   |           |
|----------------------|----------------|---|---|----------------|----------------------------------|-----|---|-----------|
| Code                 | Classification | Items   |   | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1862-0               | Transfer       | 1st transfer roller bias<br>RMS value<br>display                                | Y | ALL<br>(color) | 138<br><0-225>                   | M   | The RMS value of the<br>1st transfer roller bias<br>at the time of printing is<br>displayed.  | 10        |
| 1862-1               |                |   | M | ALL<br>(color) | 143<br><0-225>                   | M   |   | 10        |
| 1862-2               |                |   | C | ALL<br>(color) | 154<br><0-225>                   | M   |   | 10        |
| 1862-3               |                |   | K | ALL<br>(color) | 154<br><0-225>                   | M   |   | 10        |
| 1863                 | Transfer       | 1st transfer roller bias<br>resistance detection Cur-<br>rent offset adjustment |   | ALL            | 5<br><0-10>                      | M   | The current offset<br>amount of the 1st trans-<br>fer roller bias resistance<br>detection is adjusted.<br>0: -10 1: -8 2: -6<br>3: -4 4: -2 5: 0<br>6: +2 7: +4 8: +6<br>9: +8 10: +10<br>[Unit: $\mu$ A]               | 1         |
| 1864                 | Transfer       | 1st transfer roller bias cor-<br>rection at low-speed color<br>printing         |   | ALL<br>(color) | 100<br><0-100>                   | M   | The 1st transfer roller<br>bias output after the<br>completion of transfer<br>of all colors (Y, M, C<br>and K) is corrected.<br>This setting is enabled<br>when "1" (6 sheets/<br>minute) is set at the<br>code 08-497. | 1         |

## 2.2.5 Setting mode (08)

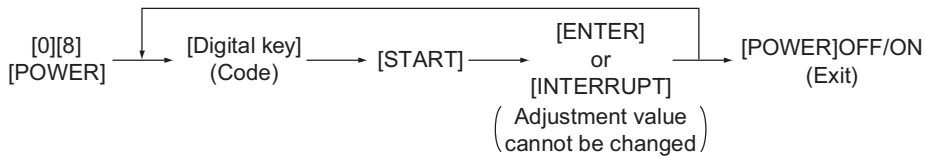
The items in the setting code list can be set or changed in this setting mode (08).  
 When the power should be turned OFF, be sure to shut down the equipment by pressing the [ENERGY SAVER] button for a few seconds.

### Procedure 1

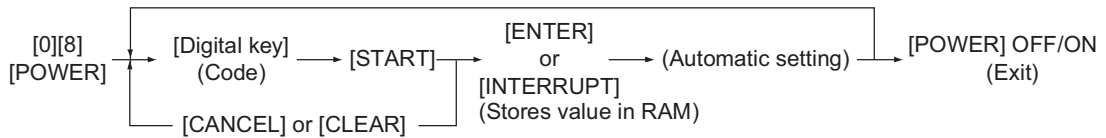


\* Press [FUNCTION CLEAR] to enter minus (-).

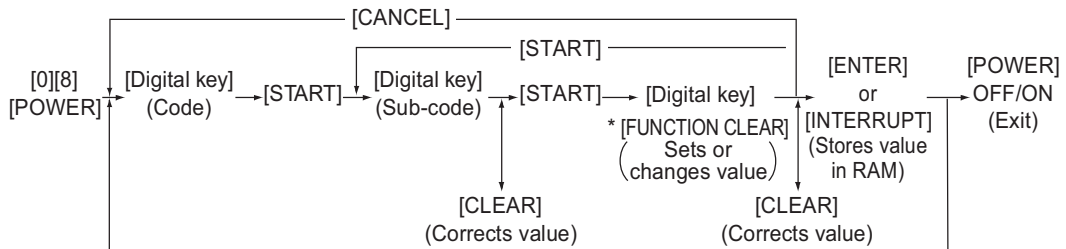
### Procedure 2



### Procedure 3

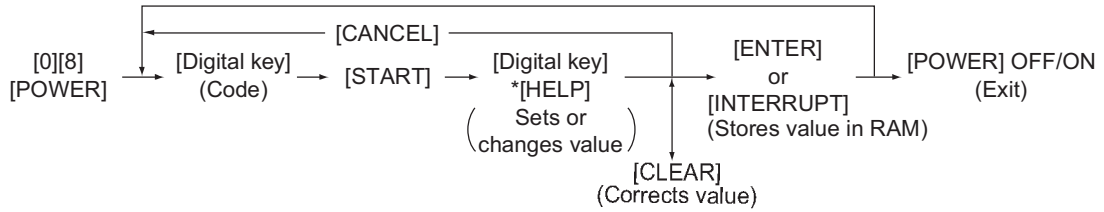


### Procedure 4



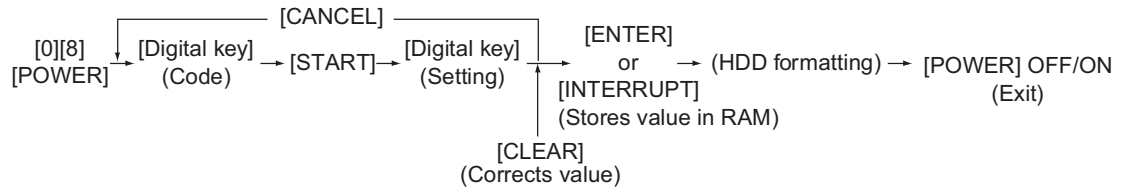
\* Press [FUNCTION CLEAR] to enter minus (-).

Procedure 5

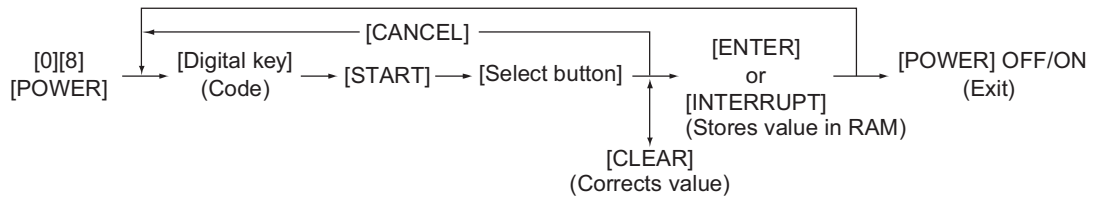


\* Press [HELP] to enter "-".

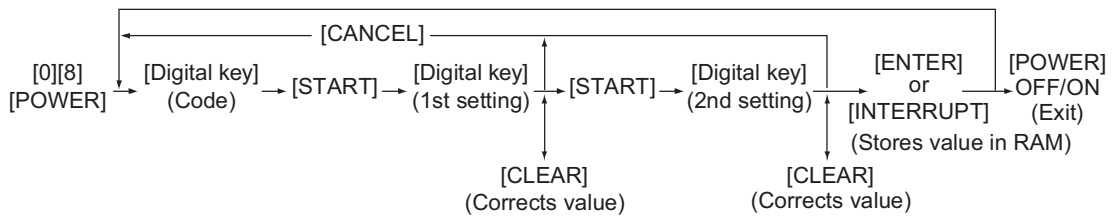
Procedure 7



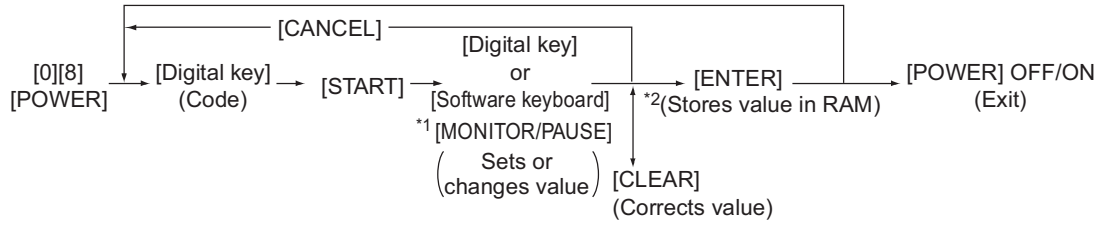
Procedure 9



Procedure 10

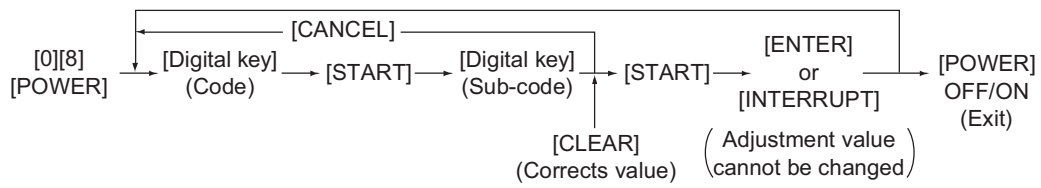


Procedure 11 and 12



- \*1 Press [MONITOR/PAUSE] to enter "-", when entering telephone number.
- \*2 The data are stored in SYS-RAM in procedure 11 and stored in NIC-RAM in procedure 12.

Procedure 14





**Notes:**

1. The digit after the hyphen in "Code" of the following table is a sub code.
2. In "RAM", the NVRAM of the board in which the data of each code is stored is indicated. "M" stands for the LGC board, "SYS", "NIC" and "UTY" stands for the SYS board.

| Setting mode (08) |                   |                                       |          |                                    |     |  |           |
|-------------------|-------------------|---------------------------------------|----------|------------------------------------|-----|--|-----------|
| Code              | Classification    | Items                                 | Function | Default<br><Acceptable<br>value>   | RAM | Contents   | Procedure |
| 200               | General           | Date and time setting                 | ALL      | -<br><13 digits>                   | -   | Year/month/date/day/<br>hour/minute/second<br>Example:<br>03 07 0 13 13 27 48<br>"Day" - "0" is for "Sun-<br>day". Proceeds Monday<br>through Saturday from<br>"1" to "6".   | 5         |
| 201               | General           | Destination selection                 | ALL      | EUR: 0<br>UC: 1<br>JPN: 2<br><0-3> | M   | 0: EUR<br>1: UC<br>2: JPN<br>3: Other  | 1         |
| 202               | User<br>interface | Counter installed externally          | ALL      | 0<br><0-4>                         | M   | 0: No external counter<br>1: Coin controller<br>2: Copy key card<br>3: Key copy counter<br>4: Key card for OEM1  | 1         |
| 203               | General           | Line adjustment mode                  | ALL      | 0<br><0-1>                         | M   | 0: For factory ship-<br>ment<br>1: For line<br>* Field: "0" must be<br>selected  | 1         |
| 204               | User<br>interface | Auto-clear timer setting              | ALL      | 3<br><0-10>                        | SYS | Timer to return the<br>equipment to the<br>default settings when<br>the [START] button is<br>not pressed after the<br>function and the mode<br>are set<br>0: Not cleared<br>1 to 10:<br>Set number x 15<br>sec.                                      | 1         |
| 205               | User<br>interface | Auto power save mode<br>timer setting | ALL      | 11<br><0, 6-15>                    | SYS | Timer to automatically<br>switch to the energy<br>saving mode when the<br>equipment has not<br>been used<br>0: Invalid 6: 3min.<br>7: 4min. 8: 5min.<br>9: 7min.<br>10: 10min.<br>11: 15min.<br>12: 20min.<br>13: 30min.<br>14: 45min.<br>15: 60min. | 1         |

| Setting mode (08) |                |   |             |                                    |     |   |           |
|-------------------|----------------|---|-------------|------------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function    | Default <Acceptable value>         | RAM | Contents  | Procedure |
| 206               | User interface | Auto Shut Off Mode timer setting (Sleep Mode)                               | ALL         | Refer to content <0-20>            | SYS | Timer to enter the Sleep Mode automatically when the equipment has not been used<br>0: 3min. 1: 5min.<br>2: 10min. 3: 15min.<br>4: 20min. 5: 25min.<br>6: 30min. 7: 40min.<br>8: 50min. 9: 60min.<br>10: 70min.<br>11: 80min.<br>12: 90min.<br>13: 100min.<br>14: 110min.<br>15: 120min.<br>16: 150min.<br>17: 180min.<br>18: 210min.<br>19: 240min.<br>20: Not used<br><Default value><br>e-STUDIO281c: 9<br>e-STUDIO351c: 9<br>e-STUDIO451c: 12 | 1         |
| 207               | User interface | Highlighting display on LCD   | ALL         | 0 <0-1>                            | SYS | 0: Black letter on white background<br>1: White letter on black background  | 1         |
| 209               | User interface | Default setting of filing format when E-mailing (common in all color modes) | ALL (color) | 1 <0-4>                            | SYS | 0: TIFF (Multi)<br>1: PDF (Multi)<br>2: Not used<br>3: TIFF (Single)<br>4: PDF (Single)   | 1         |
| 210               | Paper feeding  | Paper size (A6-R) feeding/widthwise direction                               | PRT         | 148/105 <148-432/105-297>          | -   |   | 10        |
| 218               | User interface | Default setting of filing format when storing files (at color/ACS modes)    | SCN (color) | 1 <0-4>                            | SYS | 0: TIFF (Multi)<br>1: PDF (Multi) 2: JPG<br>3: TIFF (Single)<br>4: PDF (Single)   | 1         |
| 219               | User interface | Default setting of filing format when storing files (at black mode)         | ALL (black) | 0 <0-4>                            | SYS | 0: TIFF (Multi)<br>1: PDF (Multi) 2: JPG<br>3: TIFF (Single)<br>4: PDF (Single)   | 1         |
| 220               | User interface | Language displayed at power-ON  | ALL         | EUR: 0<br>UC: 0<br>JPN: 5<br><0-6> | SYS | 0: Language 1<br>1: Language 2<br>2: Language 3<br>3: Language 4<br>4: Language 5<br>5: Language 6<br>6: Language 7   | 1         |
| 221               | User interface | Language selection in UI data at Web power ON                               | ALL         | EUR: 0<br>UC: 0<br>JPN: 5<br><0-6> | SYS | 0: Language 1<br>1: Language 2<br>2: Language 3<br>3: Language 4<br>4: Language 5<br>5: Language 6<br>6: Language 7   | 1         |

| Setting mode (08) |                |  |          |   |     |   |           |
|-------------------|----------------|--|----------|---|-----|---|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value>                  | RAM | Contents  | Procedure |
| 223               | Maintenance    | Switching of output pages/driving counts at PM | ALL      | 0<br><0-1>                                  | M   | Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.)<br>0: PM counter (The number of output pages is set at 08-251.)<br>1: PM time counter (The timing is set at 08-375.) | 1         |
| 224               | Paper feeding  | Paper size for bypass feed                     | PPC      | UNDEF                                       | SYS | Press the button on the LCD to select the size.   | 9         |
| 225               | Paper feeding  | Paper size for upper drawer                    | ALL      | EUR: A4<br>UC: LT<br>JPN: A4                | M   | Press the button on the LCD to select the size.   | 9         |
| 226               | Paper feeding  | Paper size for lower drawer                    | ALL      | EUR: A3<br>UC: LD<br>JPN: A3                | M   | Press the button on the LCD to select the size.   | 9         |
| 227               | Paper feeding  | Paper size for PFP upper drawer                | ALL      | EUR:<br>A4-R<br>UC:<br>LT-R<br>JPN:<br>A4-R | M   | Press the button on the LCD to select the size.   | 9         |
| 228               | Paper feeding  | Paper size for PFP lower drawer                | ALL      | EUR: A4<br>UC: LG<br>JPN: B4                | M   | Press the button on the LCD to select the size.   | 9         |
| 229               | Paper feeding  | Paper size (A3) feeding/widthwise direction    | ALL      | 420/297<br><182-432/140-297>                | M   |   | 10        |
| 230               | Paper feeding  | Paper size (A4-R) feeding/widthwise direction  | ALL      | 297/210<br><182-432/140-297>                | M   |   | 10        |
| 231               | Paper feeding  | Paper size (A5-R) feeding/widthwise direction  | ALL      | 210/148<br><182-432/140-297>                | M   |   | 10        |
| 232               | Paper feeding  | Paper size (B4) feeding/widthwise direction    | ALL      | 364/257<br><182-432/140-297>                | M   |   | 10        |
| 233               | Paper feeding  | Paper size (B5-R) feeding/widthwise direction  | ALL      | 257/182<br><182-432/140-297>                | M   |   | 10        |
| 234               | Paper feeding  | Paper size (LT-R) feeding/widthwise direction  | ALL      | 279/216<br><182-432/140-297>                | M   |   | 10        |
| 235               | Paper feeding  | Paper size (LD) feeding/widthwise direction    | ALL      | 432/279<br><182-432/140-297>                | M   |   | 10        |

| Setting mode (08) |                |   |          |                            |     |  |           |
|-------------------|----------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 236               | Paper feeding  | Paper size (LG) feeding/widthwise direction   | ALL      | 356/216 <182-432/140-297>  | M   |  | 10        |
| 237               | Paper feeding  | Paper size (ST-R) feeding/widthwise direction   | ALL      | 216/140 <182-432/140-297>  | M   |  | 10        |
| 238               | Paper feeding  | Paper size (COMPUTER) feeding/widthwise direction                                     | ALL      | 356/257 <182-432/140-297>  | M   |  | 10        |
| 239               | Paper feeding  | Paper size (FOLIO) feeding/widthwise direction  | ALL      | 330/210 <182-432/140-297>  | M   |  | 10        |
| 240               | Paper feeding  | Paper size (13"LG) feeding/widthwise direction  | ALL      | 330/216 <182-432/140-297>  | M   |  | 10        |
| 241               | Paper feeding  | Paper size (8.5"X8.5") feeding/widthwise direction                                    | ALL      | 216/216 <182-432/140-297>  | M   |  | 10        |
| 242               | Paper feeding  | Paper size (Non-standard) feeding/widthwise direction                                 | ALL      | 432/279 <148-432/105-297>  | SYS |  | 10        |
| 243               | Paper feeding  | Memory 1<br>Paper size (bypass feeding/non-standard type) feeding/widthwise direction | ALL      | 148/100 <148-432/100-297>  | SYS | Registers the paper size of bypass feed (non-standard type) into [MEMORY 1]. | 10        |
| 244               | Paper feeding  | Paper size (8K) feeding/widthwise direction   | ALL      | 390/270 <182-432/140-297>  | M   |  | 10        |
| 245               | Paper feeding  | Paper size (16K-R) feeding/widthwise direction  | ALL      | 270/195 <182-432/140-297>  | M   |  | 10        |
| 246               | Paper feeding  | Paper size (A3-wide) feeding/widthwise direction                                      | ALL      | 457/305 <182-457/140-305>  | M   |  | 10        |
| 247               | Paper feeding  | Memory 2<br>Paper size (bypass feeding/non-standard type) feeding/widthwise direction | ALL      | 148/100 <148-432/100-297>  | SYS | Registers the paper size of bypass feed (non-standard type) into [MEMORY 2]. | 10        |
| 248               | Paper feeding  | Memory 3<br>Paper size (bypass feeding/non-standard type) feeding/widthwise direction | ALL      | 148/100 <148-432/100-297>  | SYS | Registers the paper size of bypass feed (non-standard type) into [MEMORY 3]. | 10        |
| 249               | Paper feeding  | Memory 4<br>Paper size (bypass feeding/non-standard type) feeding/widthwise direction | ALL      | 148/100 <148-432/100-297>  | SYS | Registers the paper size of bypass feed (non-standard type) into [MEMORY 4]. | 10        |

| Setting mode (08) |                |  |          |                                |     |  |           |
|-------------------|----------------|--|----------|--------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable value>  | RAM | Contents   | Procedure |
| 250               | Maintenance    | Service technician telephone number            | ALL      | 0<br><32 digits>               | SYS | A telephone number can be entered up to 32 digits. Use the [MONITOR/PAUSE] button to enter a hyphen(-).  | 11        |
| 251               | Maintenance    | Setting value of PM counter                    | ALL      | Refer to content<br><8 digits> | M   | <Default><br>e-STUDIO281c<br>UC, EUR:<br>100,000 JPN: 0<br>e-STUDIO351c<br>UC, EUR:<br>120,000 JPN: 0<br>e-STUDIO451c<br>UC, EUR:<br>150,000 JPN: 0  | 1         |
| 252               | Maintenance    | Current value of PM counter Display/0 clearing | ALL      | 0<br><8 digits>                | M   | Counts up when the registration sensor is ON.  | 1         |
| 253               | Maintenance    | Error history display                          | ALL      | -                              | SYS | Displays the latest 20 errors data   | 2         |
| 254               | Paper feeding  | LT↔A4/LD↔A3                                    | PRT      | 0<br><0-1>                     | SYS | Sets whether the data is printed on the different but similar size paper or not when the paper of corresponding size is not available.<br>0: Valid (The data is printed on A4/A3 when LT/LD is selected or vice versa.)<br>1: Invalid (The message to use the selected paper size is displayed.) | 1         |
| 255               | Paper feeding  | PFP/LCF installation                           | ALL      | 0<br><0-4>                     | M   | 0: Automatic<br>1: PFP single-drawer type installed<br>2: PFP dual-drawer type installed<br>3: LCF installed<br>4: Not installed   | 1         |
| 256               | Paper feeding  | Paper size setting /LCF                        | ALL      | EUR: A4<br>UC: LT<br>JPN: A4   | M   | Press the icon on the LCD to select the size.  | 9         |
| 257               | Counter        | Counter copy                                   | ALL      | -<br><1-2>                     | -   | 1: Electrical counter Æ Backup counter (NVRAM → SRAM)<br>2: Backup counter Æ Electrical counter (SRAM → NVRAM) (P. 2-207)  | -         |

| Setting mode (08) |                   |   |          |                                  |     |   |           |
|-------------------|-------------------|---|----------|----------------------------------|-----|---|-----------|
| Code              | Classification    | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 258               | Maintenance       | FSMS acceptance   | ALL      | 1<br><0-2>                       | SYS | Sets whether the FSMS connection is accepted or not.<br>0: Prohibited<br>1: Accepted (serial connection only)<br>2: Accepted (both serial and USB connections)  | 1         |
| 259               | Network           | Storage period at trail and private                               | PRT      | 14<br><0-35>                     | SYS | 0: No limits<br>1 to 30: 1 to 30 days<br>31: 1 hour<br>32: 2 hours<br>33: 4 hours<br>34: 8 hours<br>35: 12 hours  | 1         |
| 260               | Network           | Web data retention period   | ALL      | 10<br><3 digits>                 | SYS | When a certain period of time has passed without operation after accessing TopAccess, the data being registered is automatically reset. This period is set at this code.<br>(Unit: Minute)  | 1         |
| 263               | User interface    | Administrator's password (Maximum 10 digits)                      | ALL      | 123456<br><10 digits>            | -   | The password can be entered in alphabets and figures (A-Z, a-z and 0-9) within 10 digits.   | 11        |
| 264               | Network           | File retention period   | ALL      | 30<br><0-999>                    | SYS | 0: No limits<br>1 to 999: 1 to 999 days   | 1         |
| 265               | Network           | Maximum data capacity at E-mailing                                | ALL      | 30<br><2-30>                     | SYS | 2 to 30 M bytes   | 1         |
| 266               | Network           | Maximum data capacity at Internet FAX                             | ALL      | 30<br><2-30>                     | SYS | 2 to 30 M bytes   | 1         |
| 267               | Electronic filing | Full guarantee of documents in Electronic Filing when HDD is full | ALL      | 1<br><0-1>                       | SYS | Sets the file retention level when editing the files in the Electronic Filing (at CutDoc/SaveDoc command execution).<br>0: Not full retained<br>1: Fully retained<br>• Retains the source file until CutDoc/SaveDoc command is completed.<br>* The file is not deleted even if the HDD has become full during the execution of command when "1" is set. | 1         |

| Setting mode (08) |                   |   |          |                            |     |  |           |
|-------------------|-------------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification    | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 268               | User interface    | Binarizing level selection (When judging as black in the ACS Mode)        | ALL      | 3 <1-5>                    | SYS | 0: Step -2<br>1: Step -1<br>2: Step 0 (center)<br>3: Step 1<br>4: Step 2<br>* The binarizing level of each step is set at 08-609.  | 1         |
| 270               | Electronic filing | Default setting of user box retention period                              | ALL      | 0 <0-999>                  | SYS | Sets the data retention period when creating a user box.<br>0: Not deleted<br>1 to 999: Retention period (Unit: Day)   | 1         |
| 271               | General           | Warning notification of the File Share and e-Filing partitions are filled | ALL      | 90 <0-100>                 | SYS | Sets the percentage of HDD partition filled when warning notification is sent.<br>0 to 100: 0 to 100%<br>* Related code 08-288   | 1         |
| 272               | Scanning          | Notification setting of E-mail saving time limit                          | ALL      | 3 <0-99>                   | SYS | Sets the days left the notification of E-mail saving time limit appears<br>0 to 99: 0 to 99 days   | 1         |
| 273               | Scanning          | Default setting of partial size when transmitting E-mail                  | ALL      | 0 <0-6>                    | SYS | Sets the default value for the partial size of E-mail to be transmitted when creating a template.<br>0: Not divided<br>1: 64            2: 128<br>3: 256         4: 512<br>5: 1024<br>6: 2048 (Unit: KB) | 1         |
| 274               | FAX               | Default setting of page by page when transmitting Internet FAX            | ALL      | 0 <0-4>                    | SYS | Sets the default value for the page by page of Internet FAX to be transmitted when creating a template.<br>0: Not divided<br>1: 256<br>2: 512<br>3: 1024<br>4: 2048 (Unit: KB)                           | 1         |

| Setting mode (08) |                |   |             |                                  |     |   |           |
|-------------------|----------------|---|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 276               | User interface | Default setting of density adjustment (Black)         | SCN (black) | 0<br><0-11>                      | SYS | 0: Automatic density<br>1: Step -5<br>2: Step -4<br>3: Step -3<br>4: Step -2<br>5: Step -1<br>6: Step 0 (center)<br>7: Step +1<br>8: Step +2<br>9: Step +3<br>10: Step +4<br>11: Step +5<br>(1 to 11: Manual density) | 1         |
| 277               | User interface | Default setting of background adjustment (Full Color) | SCN (color) | 3<br><1-5>                       | SYS | 1: Step -2<br>2: Step -1<br>3: Step 0 (center)<br>4: Step +1<br>5: Step +2  | 1         |
| 278               | User interface | Default setting of color mode                         | SCN         | 0<br><0-4>                       | SYS | 0: Black<br>1: Gray Scale<br>2: Unused<br>3: Full Color<br>4: Auto Color  | 1         |
| 279               | User interface | Default setting of resolution (Full Color)            | SCN (color) | 2<br><0-3>                       | SYS | 0: 100 dpi<br>1: 150 dpi<br>2: 200 dpi<br>3: 300dpi   | 1         |
| 280               | User interface | Default setting of resolution (Gray Scale)            | SCN (black) | 2<br><0-4>                       | SYS | 0: 100 dpi<br>1: 150 dpi<br>2: 200 dpi<br>3: 300dpi<br>4: 400 dpi   | 1         |
| 281               | User interface | Default setting of resolution (Black)                 | SCN (black) | 1<br><0-4>                       | SYS | 0: 150 dpi<br>1: 200 dpi<br>2: 300 dpi<br>3: 400dpi<br>4: 600 dpi   | 1         |
| 282               | User interface | Default setting of original mode (Full Color)         | SCN (color) | 0<br><0-2>                       | SYS | 0: Text<br>1: Photo<br>2: Printed Image   | 1         |
| 283               | User interface | Default setting of original mode (Black)              | SCN (black) | 0<br><0-2>                       | SYS | 0: Text<br>1: Text/Photo<br>2: Photo  | 1         |
| 284               | User interface | Default setting of scanning mode                      | SCN         | 0<br><0-2>                       | SYS | 0: Single<br>1: Book<br>2: Tablet   | 1         |
| 285               | User interface | Default setting of rotation mode                      | SCN         | 0<br><0-3>                       | SYS | 0: 0 degree<br>1: 90 degrees<br>2: 180 degrees<br>3: 270 degrees  | 1         |



| Setting mode (08) |                |  |          |                                      |     |  |           |
|-------------------|----------------|--|----------|--------------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value>           | RAM | Contents   | Procedure |
| 286               | User interface | Default setting of original paper size   | ALL      | 0<br><0-22>                          | SYS | 0: Automatic<br>1: A3 2: A4<br>3: LD 4: LT<br>5: A4-R 6: A5-R<br>7: LT-R 8: LG<br>9: B4 10: B5<br>11: ST-R 12: COMP<br>13: B5-R 14: FOLIO<br>15: 13"LG 16: 8.5"x 8.5"<br>18: A6-R<br>19: Size mixed<br>20: 8K 21: 16K<br>22: 16K-R | 1         |
| 288               | General        | Searching interval of deleting expired files and checking capacity of HDD partitions | ALL      | 12<br><1-24>                         | SYS | Sets the search interval of deleting expired files and checking capacity of HDD partitions.<br>(Unit: Hour)<br>* Related code 08-271   | 1         |
| 289               | User interface | Default setting of background adjustment (Gray Scale)                                | ALL      | 3<br><1-5>                           | SYS | 1: Step -2<br>2: Step -1<br>3: Step 0 (center)<br>4: Step +1<br>5: Step +2   | 1         |
| 290               | Network        | Raw printing job (Duplex)  | PRT      | 1<br><0-1>                           | SYS | 0: Valid<br>1: Invalid   | 1         |
| 291               | Network        | Raw printing job (Paper size)  | PRT      | EUR: 6<br>UC: 2<br>JPN: 6<br><0 -13> | SYS | 0: LD 1: LG<br>2: LT 3: COMP<br>4: ST 5: A3<br>6: A4 7: A5<br>8: A6 9: B4<br>10: B5 11: FOLIO<br>12: 13 "LG<br>13: 8.5" x 8.5"   | 1         |
| 292               | Network        | Raw printing job (Paper type)  | PRT      | 0<br><0-5>                           | SYS | 0: Plain paper<br>1: Thick paper 1<br>2: Thick paper 2<br>3: Thick paper 3<br>4: OHP film<br>5: Tab paper  | 1         |
| 293               | Network        | Raw printing job (Paper direction)   | PRT      | 0<br><0-1>                           | SYS | 0: Portrait<br>1: Landscape  | 1         |
| 294               | Network        | Raw printing job (Staple)  | PRT      | 1<br><0-1>                           | SYS | 0: Valid<br>1: Invalid   | 1         |
| 295               | Network        | Raw printing job (Exit tray)   | PRT      | 0<br><0-6>                           | SYS | 0: Inner tray<br>1: Finisher tray 1<br>2: Finisher tray 2<br>3: Unused<br>4: Unused<br>5: Unused<br>6: Unused  | 1         |

| Setting mode (08) |                |  |             |  |     |   |           |
|-------------------|----------------|--|-------------|--|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value>       | RAM | Contents  | Procedure |
| 296               | Network        | Raw printing job<br>(Number of form lines)                   | PRT         | 1200<br><500-<br>12800>                | SYS | Sets the number of form lines from 5 to 128. (A hundredfold of the number of form lines is defined as the setting value.)   | 1         |
| 297               | Network        | Raw printing job<br>(PCL font pitch)                         | PRT         | 1000<br><44-<br>9999>                  | SYS | Sets the font pitch from 0.44 to 99.99. (A hundredfold of the font pitch is defined as the setting value.)  | 1         |
| 298               | Network        | Raw printing job<br>(PCL font size)                          | PRT         | 1200<br><400-<br>99975>                | SYS | Sets the font size from 4 to 999.75. (A hundredfold of the font size is defined as the setting value.)  | 1         |
| 299               | Network        | Raw printing job<br>(PCL font number)                        | PRT         | 0<br><0-79>                            | SYS | Sets the PCL font number.   | 1         |
| 300               | User interface | Maximum number of copy volume (MAX9)                         | PPC         | 0<br><0-2>                             | SYS | 0: 999 1: 99 2: 9   | 1         |
| 301-0             | Counter        | Number of output pages at Full Color Mode in Copier Function | PPC (color) | 0<br><8 digits>                        | SYS | Counts the output pages at the Full Color Mode in the Copier Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353). | 4         |
| 301-1             |                |  |             |  |     |   |           |
| 301-2             |                |  |             |  |     |   |           |
| 301-3             |                |  |             |  |     |   |           |
| 301-4             |                |  |             |  |     |   |           |
| 301-5             |                |  |             |  |     |   |           |
| 301-6             |                |  |             |  |     |   |           |
| 301-7             |                |  |             |  |     |   |           |
| 301-8             |                |  |             |  |     |   |           |
| 301-9             |                |  |             |  |     |   |           |
| 301-10            |                |  |             |  |     |   |           |
| 301-11            |                |  |             |  |     |   |           |
| 301-12            |                |  |             |  |     |   |           |
| 301-13            |                |  |             |  |     |   |           |
| 301-14            |                |  |             |  |     |   |           |
| 301-15            |                |  |             |  |     |   |           |
| 301-16            |                |  |             |  |     |   |           |
| 302               | User interface | Original counter display                                     | PPC         | EUR: 2<br>UC: 0<br>JPN: 0<br><0, 2, 4> | SYS | Sets whether the original counter is displayed or not.<br>0: Not displayed<br>2: Displayed<br>4: Displayed (Double-sized original is counted as 2.)   | 1         |

| Setting mode (08) |                |  |             |                |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  |             | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 303-0             | Counter        | Number of<br>output pages<br>at Full Color<br>Mode in<br>Printer Func-<br>tion | A3          | PRT<br>(color) | 0<br><8 digits>                  | SYS | Counts the output<br>pages at the Full Color<br>Mode in the Printer<br>Function for each paper<br>size according to the<br>setting for the count<br>setting of largesized<br>paper (08-352) and the<br>definition setting of<br>large-sized paper (08-<br>353). | 4         |
| 303-1             |                |  | A4          |                |                                  |     |   |           |
| 303-2             |                |  | A5          |                |                                  |     |   |           |
| 303-3             |                |  | A6          |                |                                  |     |   |           |
| 303-4             |                |  | B4          |                |                                  |     |   |           |
| 303-5             |                |  | B5          |                |                                  |     |   |           |
| 303-6             |                |  | FOLIO       |                |                                  |     |   |           |
| 303-7             |                |  | LD          |                |                                  |     |   |           |
| 303-8             |                |  | LG          |                |                                  |     |   |           |
| 303-9             |                |  | LT          |                |                                  |     |   |           |
| 303-10            |                |  | ST          |                |                                  |     |   |           |
| 303-11            |                |  | COMP        |                |                                  |     |   |           |
| 303-12            |                |  | 13"LG       |                |                                  |     |   |           |
| 303-13            |                |  | 8.5" x 8.5" |                |                                  |     |   |           |
| 303-14            |                |  | 16K         |                |                                  |     |   |           |
| 303-15            |                |  | 8K          |                |                                  |     |   |           |
| 303-16            |                |  | Others      |                |                                  |     |   |           |
| 304-0             | Counter        | Number of<br>output pages<br>at Twin Color<br>Mode in<br>Copier Func-<br>tion  | A3          | PPC<br>(color) | 0<br><8 digits>                  | SYS | Counts the output<br>pages at the Twin Color<br>Mode in the Copier<br>Function for each paper<br>size according to the<br>setting for the count<br>setting of largesized<br>paper (08-352) and the<br>definition setting of<br>large-sized paper (08-<br>353).  | 4         |
| 304-1             |                |  | A4          |                |                                  |     |   |           |
| 304-2             |                |  | A5          |                |                                  |     |   |           |
| 304-3             |                |  | A6          |                |                                  |     |   |           |
| 304-4             |                |  | B4          |                |                                  |     |   |           |
| 304-5             |                |  | B5          |                |                                  |     |   |           |
| 304-6             |                |  | FOLIO       |                |                                  |     |   |           |
| 304-7             |                |  | LD          |                |                                  |     |   |           |
| 304-8             |                |  | LG          |                |                                  |     |   |           |
| 304-9             |                |  | LT          |                |                                  |     |   |           |
| 304-10            |                |  | ST          |                |                                  |     |   |           |
| 304-11            |                |  | COMP        |                |                                  |     |   |           |
| 304-12            |                |  | 13"LG       |                |                                  |     |   |           |
| 304-13            |                |  | 8.5" x 8.5" |                |                                  |     |   |           |
| 304-14            |                |  | 16K         |                |                                  |     |   |           |
| 304-15            |                |  | 8K          |                |                                  |     |   |           |
| 304-16            |                |  | Others      |                |                                  |     |   |           |

| Setting mode (08) |                |  |             |                |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  |             | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 305-0             | Counter        | Number of<br>output pages<br>at Black Mode<br>in Copier<br>Function  | A3          | PPC<br>(black) | 0<br><8 digits>                  | SYS | Counts the output<br>pages at the Black<br>Mode in the Copier<br>Function for each paper<br>size according to the<br>setting for the count<br>setting of large-sized<br>paper (08-352) and the<br>definition setting of<br>large-sized paper (08-<br>353).  | 4         |
| 305-1             |                |  | A4          |                |                                  |     |   |           |
| 305-2             |                |  | A5          |                |                                  |     |   |           |
| 305-3             |                |  | A6          |                |                                  |     |   |           |
| 305-4             |                |  | B4          |                |                                  |     |   |           |
| 305-5             |                |  | B5          |                |                                  |     |   |           |
| 305-6             |                |  | FOLIO       |                |                                  |     |   |           |
| 305-7             |                |  | LD          |                |                                  |     |   |           |
| 305-8             |                |  | LG          |                |                                  |     |   |           |
| 305-9             |                |  | LT          |                |                                  |     |   |           |
| 305-10            |                |  | ST          |                |                                  |     |   |           |
| 305-11            |                |  | COMP        |                |                                  |     |   |           |
| 305-12            |                |  | 13"LG       |                |                                  |     |   |           |
| 305-13            |                |  | 8.5" x 8.5" |                |                                  |     |   |           |
| 305-14            |                |  | 16K         |                |                                  |     |   |           |
| 305-15            |                |  | 8K          |                |                                  |     |   |           |
| 305-16            | Others         |  |             |                |                                  |     |   |           |
| 306-0             | Counter        | Number of<br>output pages<br>at Black Mode<br>in Printer<br>Function | A3          | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the output<br>pages at the Black<br>Mode in the Printer<br>Function for each paper<br>size according to the<br>setting for the count<br>setting of large-sized<br>paper (08-352) and the<br>definition setting of<br>large-sized paper (08-<br>353). | 4         |
| 306-1             |                |  | A4          |                |                                  |     |   |           |
| 306-2             |                |  | A5          |                |                                  |     |   |           |
| 306-3             |                |  | A6          |                |                                  |     |   |           |
| 306-4             |                |  | B4          |                |                                  |     |   |           |
| 306-5             |                |  | B5          |                |                                  |     |   |           |
| 306-6             |                |  | FOLIO       |                |                                  |     |   |           |
| 306-7             |                |  | LD          |                |                                  |     |   |           |
| 306-8             |                |  | LG          |                |                                  |     |   |           |
| 306-9             |                |  | LT          |                |                                  |     |   |           |
| 306-10            |                |  | ST          |                |                                  |     |   |           |
| 306-11            |                |  | COMP        |                |                                  |     |   |           |
| 306-12            |                |  | 13"LG       |                |                                  |     |   |           |
| 306-13            |                |  | 8.5" x 8.5" |                |                                  |     |   |           |
| 306-14            |                |  | 16K         |                |                                  |     |   |           |
| 306-15            |                |  | 8K          |                |                                  |     |   |           |
| 306-16            | Others         |  |             |                |                                  |     |   |           |

| Setting mode (08) |                |   |             |             |                            |     |  |           |
|-------------------|----------------|---|-------------|-------------|----------------------------|-----|--|-----------|
| Code              | Classification | Items                                     |             | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 307-0             | Counter        | Number of output pages at List Print Mode | A3          | PRT (black) | 0 <8 digits>               | SYS | Counts the output pages at the List Print Mode for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353). | 4         |
| 307-1             |                |   | A4          |             |                            |     |  |           |
| 307-2             |                |   | A5          |             |                            |     |  |           |
| 307-3             |                |   | A6          |             |                            |     |  |           |
| 307-4             |                |   | B4          |             |                            |     |  |           |
| 307-5             |                |   | B5          |             |                            |     |  |           |
| 307-6             |                |   | FOLIO       |             |                            |     |  |           |
| 307-7             |                |   | LD          |             |                            |     |  |           |
| 307-8             |                |   | LG          |             |                            |     |  |           |
| 307-9             |                |   | LT          |             |                            |     |  |           |
| 307-10            |                |   | ST          |             |                            |     |  |           |
| 307-11            |                |   | COMP        |             |                            |     |  |           |
| 307-12            |                |   | 13"LG       |             |                            |     |  |           |
| 307-13            |                |   | 8.5" x 8.5" |             |                            |     |  |           |
| 307-14            |                |   | 16K         |             |                            |     |  |           |
| 307-15            |                |   | 8K          |             |                            |     |  |           |
| 307-16            |                |   | Others      |             |                            |     |  |           |
| 308-0             | Counter        | Number of output pages in FAX Function    | A3          | FAX         | 0 <8 digits>               | SYS | Counts the output pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353).   | 4         |
| 308-1             |                |   | A4          |             |                            |     |  |           |
| 308-2             |                |   | A5          |             |                            |     |  |           |
| 308-3             |                |   | A6          |             |                            |     |  |           |
| 308-4             |                |   | B4          |             |                            |     |  |           |
| 308-5             |                |   | B5          |             |                            |     |  |           |
| 308-6             |                |   | FOLIO       |             |                            |     |  |           |
| 308-7             |                |   | LD          |             |                            |     |  |           |
| 308-8             |                |   | LG          |             |                            |     |  |           |
| 308-9             |                |   | LT          |             |                            |     |  |           |
| 308-10            |                |   | ST          |             |                            |     |  |           |
| 308-11            |                |   | COMP        |             |                            |     |  |           |
| 308-12            |                |   | 13"LG       |             |                            |     |  |           |
| 308-13            |                |   | 8.5" x 8.5" |             |                            |     |  |           |
| 308-14            |                |   | 16K         |             |                            |     |  |           |
| 308-15            |                |   | 8K          |             |                            |     |  |           |
| 308-16            |                |   | Others      |             |                            |     |  |           |

| Setting mode (08) |                |  |             |             |                                  |     |  |           |
|-------------------|----------------|--|-------------|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  |             | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 309-0             | Counter        | Number of scanning pages at Full Color Mode in Copier Function   | A3          | PPC (color) | 0<br><8 digits>                  | SYS | Counts the scanning pages at the Full Color Mode in the Copier Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353).   | 4         |
| 309-1             |                |  | A4          |             |                                  |     |  |           |
| 309-2             |                |  | A5          |             |                                  |     |  |           |
| 309-3             |                |  | A6          |             |                                  |     |  |           |
| 309-4             |                |  | B4          |             |                                  |     |  |           |
| 309-5             |                |  | B5          |             |                                  |     |  |           |
| 309-6             |                |  | FOLIO       |             |                                  |     |  |           |
| 309-7             |                |  | LD          |             |                                  |     |  |           |
| 309-8             |                |  | LG          |             |                                  |     |  |           |
| 309-9             |                |  | LT          |             |                                  |     |  |           |
| 309-10            |                |  | ST          |             |                                  |     |  |           |
| 309-11            |                |  | COMP        |             |                                  |     |  |           |
| 309-12            |                |  | 13"LG       |             |                                  |     |  |           |
| 309-13            |                |  | 8.5" x 8.5" |             |                                  |     |  |           |
| 309-14            |                |  | 16K         |             |                                  |     |  |           |
| 309-15            |                |  | 8K          |             |                                  |     |  |           |
| 309-16            |                |  | Others      |             |                                  |     |  |           |
| 310-0             | Counter        | Number of scanning pages at Full Color Mode in Scanning Function | A3          | SCN (color) | 0<br><8 digits>                  | SYS | Counts the scanning pages at the Full Color Mode in the Scanning Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353). | 4         |
| 310-1             |                |  | A4          |             |                                  |     |  |           |
| 310-2             |                |  | A5          |             |                                  |     |  |           |
| 310-3             |                |  | A6          |             |                                  |     |  |           |
| 310-4             |                |  | B4          |             |                                  |     |  |           |
| 310-5             |                |  | B5          |             |                                  |     |  |           |
| 310-6             |                |  | FOLIO       |             |                                  |     |  |           |
| 310-7             |                |  | LD          |             |                                  |     |  |           |
| 310-8             |                |  | LG          |             |                                  |     |  |           |
| 310-9             |                |  | LT          |             |                                  |     |  |           |
| 310-10            |                |  | ST          |             |                                  |     |  |           |
| 310-11            |                |  | COMP        |             |                                  |     |  |           |
| 310-12            |                |  | 13"LG       |             |                                  |     |  |           |
| 310-13            |                |  | 8.5" x 8.5" |             |                                  |     |  |           |
| 310-14            |                |  | 16K         |             |                                  |     |  |           |
| 310-15            |                |  | 8K          |             |                                  |     |  |           |
| 310-16            |                |  | Others      |             |                                  |     |  |           |

| Setting mode (08) |                |  |             |             |                                  |     |  |           |
|-------------------|----------------|--|-------------|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  |             | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 311-0             | Counter        | Number of scanning pages at Twin Color Mode in Copier Function | A3          | PPC (color) | 0<br><8 digits>                  | SYS | Counts the scanning pages at the Twin Color Mode in the Copier Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of large-sized paper (08-353). | 4         |
| 311-1             |                |  | A4          |             |                                  |     |  |           |
| 311-2             |                |  | A5          |             |                                  |     |  |           |
| 311-3             |                |  | A6          |             |                                  |     |  |           |
| 311-4             |                |  | B4          |             |                                  |     |  |           |
| 311-5             |                |  | B5          |             |                                  |     |  |           |
| 311-6             |                |  | FOLIO       |             |                                  |     |  |           |
| 311-7             |                |  | LD          |             |                                  |     |  |           |
| 311-8             |                |  | LG          |             |                                  |     |  |           |
| 311-9             |                |  | LT          |             |                                  |     |  |           |
| 311-10            |                |  | ST          |             |                                  |     |  |           |
| 311-11            |                |  | COMP        |             |                                  |     |  |           |
| 311-12            |                |  | 13"LG       |             |                                  |     |  |           |
| 311-13            |                |  | 8.5" x 8.5" |             |                                  |     |  |           |
| 311-14            |                |  | 16K         |             |                                  |     |  |           |
| 311-15            |                |  | 8K          |             |                                  |     |  |           |
| 311-16            |                |  | Others      |             |                                  |     |  |           |
| 312-0             | Counter        | Number of scanning pages at Black Mode in Copier Function      | A3          | PPC (black) | 0<br><8 digits>                  | SYS | Counts the scanning pages at the Black Mode in the Copier Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353).       | 4         |
| 312-1             |                |  | A4          |             |                                  |     |  |           |
| 312-2             |                |  | A5          |             |                                  |     |  |           |
| 312-3             |                |  | A6          |             |                                  |     |  |           |
| 312-4             |                |  | B4          |             |                                  |     |  |           |
| 312-5             |                |  | B5          |             |                                  |     |  |           |
| 312-6             |                |  | FOLIO       |             |                                  |     |  |           |
| 312-7             |                |  | LD          |             |                                  |     |  |           |
| 312-8             |                |  | LG          |             |                                  |     |  |           |
| 312-9             |                |  | LT          |             |                                  |     |  |           |
| 312-10            |                |  | ST          |             |                                  |     |  |           |
| 312-11            |                |  | COMP        |             |                                  |     |  |           |
| 312-12            |                |  | 13"LG       |             |                                  |     |  |           |
| 312-13            |                |  | 8.5" x 8.5" |             |                                  |     |  |           |
| 312-14            |                |  | 16K         |             |                                  |     |  |           |
| 312-15            |                |  | 8K          |             |                                  |     |  |           |
| 312-16            |                |  | Others      |             |                                  |     |  |           |

| Setting mode (08) |                |   |             |             |                                  |     |  |           |
|-------------------|----------------|---|-------------|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   |             | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 313-0             | Counter        | Number of scanning pages in Scanning Function | A3          | SCN (black) | 0<br><8 digits>                  | SYS | Counts the scanning pages at the Black Mode in the Scanning Function for each paper size according to the setting for the count setting of largesized paper (08-352) and the definition setting of large-sized paper (08-353). | 4         |
| 313-1             |                |   | A4          |             |                                  |     |  |           |
| 313-2             |                |   | A5          |             |                                  |     |  |           |
| 313-3             |                |   | A6          |             |                                  |     |  |           |
| 313-4             |                |   | B4          |             |                                  |     |  |           |
| 313-5             |                |   | B5          |             |                                  |     |  |           |
| 313-6             |                |   | FOLIO       |             |                                  |     |  |           |
| 313-7             |                |   | LD          |             |                                  |     |  |           |
| 313-8             |                |   | LG          |             |                                  |     |  |           |
| 313-9             |                |   | LT          |             |                                  |     |  |           |
| 313-10            |                |   | ST          |             |                                  |     |  |           |
| 313-11            |                |   | COMP        |             |                                  |     |  |           |
| 313-12            |                |   | 13"LG       |             |                                  |     |  |           |
| 313-13            |                |   | 8.5" x 8.5" |             |                                  |     |  |           |
| 313-14            |                |   | 16K         |             |                                  |     |  |           |
| 313-15            |                |   | 8K          |             |                                  |     |  |           |
| 313-16            | Others         |   |             |             |                                  |     |  |           |
| 314-0             | Counter        | Number of scanning pages in FAX Function      | A3          | FAX         | 0<br><8 digits>                  | SYS | Counts the scanning pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353).                        | 4         |
| 314-1             |                |   | A4          |             |                                  |     |  |           |
| 314-2             |                |   | A5          |             |                                  |     |  |           |
| 314-3             |                |   | A6          |             |                                  |     |  |           |
| 314-4             |                |   | B4          |             |                                  |     |  |           |
| 314-5             |                |   | B5          |             |                                  |     |  |           |
| 314-6             |                |   | FOLIO       |             |                                  |     |  |           |
| 314-7             |                |   | LD          |             |                                  |     |  |           |
| 314-8             |                |   | LG          |             |                                  |     |  |           |
| 314-9             |                |   | LT          |             |                                  |     |  |           |
| 314-10            |                |   | ST          |             |                                  |     |  |           |
| 314-11            |                |   | COMP        |             |                                  |     |  |           |
| 314-12            |                |   | 13"LG       |             |                                  |     |  |           |
| 314-13            |                |   | 8.5" x 8.5" |             |                                  |     |  |           |
| 314-14            |                |   | 16K         |             |                                  |     |  |           |
| 314-15            |                |   | 8K          |             |                                  |     |  |           |
| 314-16            | Others         |   |             |             |                                  |     |  |           |



| Setting mode (08) |                |   |             |          |                                  |     |  |           |
|-------------------|----------------|---|-------------|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items                                       |             | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 315-0             | Counter        | Number of transmitted pages in FAX Function | A3          | FAX      | 0<br><8 digits>                  | SYS | Counts the transmitted pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353). | 4         |
| 315-1             |                |   | A4          |          |                                  |     |  |           |
| 315-2             |                |   | A5          |          |                                  |     |  |           |
| 315-3             |                |   | A6          |          |                                  |     |  |           |
| 315-4             |                |   | B4          |          |                                  |     |  |           |
| 315-5             |                |   | B5          |          |                                  |     |  |           |
| 315-6             |                |   | FOLIO       |          |                                  |     |  |           |
| 315-7             |                |   | LD          |          |                                  |     |  |           |
| 315-8             |                |   | LG          |          |                                  |     |  |           |
| 315-9             |                |   | LT          |          |                                  |     |  |           |
| 315-10            |                |   | ST          |          |                                  |     |  |           |
| 315-11            |                |   | COMP        |          |                                  |     |  |           |
| 315-12            |                |   | 13"LG       |          |                                  |     |  |           |
| 315-13            |                |   | 8.5" x 8.5" |          |                                  |     |  |           |
| 315-14            |                |   | 16K         |          |                                  |     |  |           |
| 315-15            |                |   | 8K          |          |                                  |     |  |           |
| 315-16            |                |   | Others      |          |                                  |     |  |           |
| 316-0             | Counter        | Number of received pages in FAX Function    | A3          | FAX      | 0<br><8 digits>                  | SYS | Counts the received pages in the FAX Function for each paper size according to the setting for the count setting of large-sized paper (08-352) and the definition setting of largesized paper (08-353).    | 4         |
| 316-1             |                |   | A4          |          |                                  |     |  |           |
| 316-2             |                |   | A5          |          |                                  |     |  |           |
| 316-3             |                |   | A6          |          |                                  |     |  |           |
| 316-4             |                |   | B4          |          |                                  |     |  |           |
| 316-5             |                |   | B5          |          |                                  |     |  |           |
| 316-6             |                |   | FOLIO       |          |                                  |     |  |           |
| 316-7             |                |   | LD          |          |                                  |     |  |           |
| 316-8             |                |   | LG          |          |                                  |     |  |           |
| 316-9             |                |   | LT          |          |                                  |     |  |           |
| 316-10            |                |   | ST          |          |                                  |     |  |           |
| 316-11            |                |   | COMP        |          |                                  |     |  |           |
| 316-12            |                |   | 13"LG       |          |                                  |     |  |           |
| 316-13            |                |   | 8.5" x 8.5" |          |                                  |     |  |           |
| 316-14            |                |   | 16K         |          |                                  |     |  |           |
| 316-15            |                |   | 8K          |          |                                  |     |  |           |
| 316-16            |                |   | Others      |          |                                  |     |  |           |

| Setting mode (08) |                |  |       |                |                                  |     |   |           |
|-------------------|----------------|--|-------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  |       | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 317-0             | Counter        | Display of<br>number of<br>output pages<br>at Full Color<br>Mode in<br>Copier Func-<br>tion  | Large | PPC<br>(color) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages at the Full<br>Color Mode in the<br>Copier Function<br>according to its size<br>(large/small).<br>Large:<br>Number of output<br>pages of large-sized<br>paper defined at 08-<br>353<br>Small:<br>Number of output<br>pages other than<br>set as large-sized<br>paper<br>Total:<br>Total number out-<br>put pages of all<br>paper sizes.  | 14        |
| 317-1             | Counter        |  | Small | PPC<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |
| 317-2             | Counter        |  | Total | PPC<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |
| 318-0             | Counter        | Display of<br>number of<br>output pages<br>at Full Color<br>Mode in<br>Printer Func-<br>tion | Large | PRT<br>(color) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages at the Full<br>Color Mode in the<br>Printer Function<br>according to its size<br>(large/small).<br>Large:<br>Number of output<br>pages of large-sized<br>paper defined at 08-<br>353<br>Small:<br>Number of output<br>pages other than<br>set as large-sized<br>paper<br>Total:<br>Total number out-<br>put pages of all<br>paper sizes. | 14        |
| 318-1             | Counter        |  | Small | PRT<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |
| 318-2             | Counter        |  | Total | PRT<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |
| 319-0             | Counter        | Display of<br>number of<br>output pages<br>at Twin Color<br>Mode in<br>Copier Func-<br>tion  | Large | PPC<br>(color) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages at the<br>Twin Color Mode in the<br>Copier Function<br>according to its size<br>(large/small).<br>Large:<br>Number of output<br>pages of large-sized<br>paper defined at 08-<br>353<br>Small:<br>Number of output<br>pages other than<br>set as large-sized<br>paper<br>Total:<br>Total number out-<br>put pages of all<br>paper sizes.  | 14        |
| 319-1             | Counter        |  | Small | PPC<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |
| 319-2             | Counter        |  | Total | PPC<br>(color) | 0<br><8 digits>                  | SYS |   | 14        |

| Setting mode (08) |                |   |          |                            |              |          |  |    |
|-------------------|----------------|---|----------|----------------------------|--------------|----------|--|----|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM          | Contents | Procedure  |    |
| 320-0             | Counter        | Display of number of output pages at Black Mode in Copier Function  | Large    | PPC (black)                | 0 <8 digits> | SYS      | Counts the number of output pages at the Black Mode in the Copier Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.  | 14 |
| 320-1             | Counter        |   | Small    | PPC (black)                | 0 <8 digits> | SYS      |  | 14 |
| 320-2             | Counter        |   | Total    | PPC (black)                | 0 <8 digits> | SYS      |  | 14 |
| 321-0             | Counter        | Display of number of output pages at Black Mode in Printer Function | Large    | PRT (black)                | 0 <8 digits> | SYS      | Counts the number of output pages at the Black Mode in the Printer Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes. | 14 |
| 321-1             | Counter        |   | Small    | PRT (black)                | 0 <8 digits> | SYS      |  | 14 |
| 321-2             | Counter        |   | Total    | PRT (black)                | 0 <8 digits> | SYS      |  | 14 |
| 322-0             | Counter        | Display of number of output pages at List Print Mode                | Large    | PRT (black)                | 0 <8 digits> | SYS      | Counts the number of output pages at the List Print Mode Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.           | 14 |
| 322-1             | Counter        |   | Small    | PRT (black)                | 0 <8 digits> | SYS      |  | 14 |
| 322-2             | Counter        |   | Total    | PRT (black)                | 0 <8 digits> | SYS      |  | 14 |

| Setting mode (08) |                |   |          |                                  |                 |          |  |    |
|-------------------|----------------|---|----------|----------------------------------|-----------------|----------|--|----|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM             | Contents | Procedure  |    |
| 323-0             | Counter        | Display of number of output pages in FAX Function                           | Large    | FAX                              | 0<br><8 digits> | SYS      | Counts the number of output pages in the FAX Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.                               | 14 |
| 323-1             | Counter        |   | Small    | FAX                              | 0<br><8 digits> | SYS      |  | 14 |
| 323-2             | Counter        |   | Total    | FAX                              | 0<br><8 digits> | SYS      |  | 14 |
| 324-0             | Counter        | Display of number of scanning pages at Full Color Mode in Copier Function   | Large    | PPC (color)                      | 0<br><8 digits> | SYS      | Counts the number of scanning pages at the Full Color Mode in the Copier Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.   | 14 |
| 324-1             | Counter        |   | Small    | PPC (color)                      | 0<br><8 digits> | SYS      |  | 14 |
| 324-2             | Counter        |   | Total    | PPC (color)                      | 0<br><8 digits> | SYS      |  | 14 |
| 325-0             | Counter        | Display of number of scanning pages at Full Color Mode in Scanning Function | Large    | SCN (color)                      | 0<br><8 digits> | SYS      | Counts the number of scanning pages at the Full Color Mode in the Scanning Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes. | 14 |
| 325-1             | Counter        |   | Small    | SCN (color)                      | 0<br><8 digits> | SYS      |  | 14 |
| 325-2             | Counter        |   | Total    | SCN (color)                      | 0<br><8 digits> | SYS      |  | 14 |

| Setting mode (08) |                |   |          |                            |              |          |  |    |
|-------------------|----------------|---|----------|----------------------------|--------------|----------|--|----|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM          | Contents | Procedure  |    |
| 326-0             | Counter        | Display of number of scanning pages at Twin Color Mode in Copier Function | Large    | PPC (color)                | 0 <8 digits> | SYS      | Counts the number of scanning pages at the Twin Color Mode in the Copier Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes. | 14 |
| 326-1             | Counter        |   | Small    | PPC (color)                | 0 <8 digits> | SYS      |  | 14 |
| 326-2             | Counter        |   | Total    | PPC (color)                | 0 <8 digits> | SYS      |  | 14 |
| 327-0             | Counter        | Display of number of scanning pages at Black Mode in Copier Function      | Large    | PPC (black)                | 0 <8 digits> | SYS      | Counts the number of scanning pages at the Black Mode in the Copier Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.      | 14 |
| 327-1             | Counter        |   | Small    | PPC (black)                | 0 <8 digits> | SYS      |  | 14 |
| 327-2             | Counter        |   | Total    | PPC (black)                | 0 <8 digits> | SYS      |  | 14 |
| 328-0             | Counter        | Display of number of scanning pages in FAX Function                       | Large    | FAX                        | 0 <8 digits> | SYS      | Counts the number of scanning pages in the FAX Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.                           | 14 |
| 328-1             | Counter        |   | Small    | FAX                        | 0 <8 digits> | SYS      |  | 14 |
| 328-2             | Counter        |   | Total    | FAX                        | 0 <8 digits> | SYS      |  | 14 |

| Setting mode (08) |                |  |       |             |                                  |     |   |           |
|-------------------|----------------|--|-------|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  |       | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 329-0             | Counter        | Display of number of scanning pages in Scanning Function | Large | SCN (black) | 0<br><8 digits>                  | SYS | Counts the number of scanning pages in the Scanning Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes. | 14        |
| 329-1             | Counter        |  | Small | SCN (black) | 0<br><8 digits>                  | SYS |   | 14        |
| 329-2             | Counter        |  | Total | SCN (black) | 0<br><8 digits>                  | SYS |   | 14        |
| 330-0             | Counter        | Display of number of transmitted pages in FAX Function   | Large | FAX         | 0<br><8 digits>                  | SYS | Counts the number of transmitted pages in the FAX Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes.   | 14        |
| 330-1             | Counter        |  | Small | FAX         | 0<br><8 digits>                  | SYS |   | 14        |
| 330-2             | Counter        |  | Total | FAX         | 0<br><8 digits>                  | SYS |   | 14        |
| 331               | User interface | Default setting of screen                                |       | ALL         | 0<br><0-6>                       | SYS | Sets the screen to be displayed after the auto-clear time has passed or it has recovered from the energy saving mode or sleep mode.<br>0: Copier 1: Fax<br>2: Scan 3: Box<br>4: Job Status<br>5: Template<br>6: Custom  | 1         |

| Setting mode (08) |                |  |       |             |                                  |     |  |           |
|-------------------|----------------|--|-------|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  |       | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 332-0             | Counter        | Display of number of received pages in FAX Function          | Large | FAX         | 0<br><8 digits>                  | SYS | Counts the number of received pages in the FAX Function according to its size (large/small).<br>Large:<br>Number of output pages of large-sized paper defined at 08-353<br>Small:<br>Number of output pages other than set as large-sized paper<br>Total:<br>Total number output pages of all paper sizes. | 14        |
| 332-1             | Counter        |  | Small | FAX         | 0<br><8 digits>                  | SYS |  | 14        |
| 332-2             | Counter        |  | Total | FAX         | 0<br><8 digits>                  | SYS |  | 14        |
| 333-0             | Counter        | Display of total number of pages at Full Color Mode          | Large | ALL (color) | 0<br><8 digits>                  | SYS | Displays the total number of pages at Full Color Mode in the Copier/Printer/Scanning Functions.  | 14        |
| 333-1             | Counter        |  | Small | ALL (color) | 0<br><8 digits>                  | SYS |  | 14        |
| 333-2             | Counter        |  | Total | ALL (color) | 0<br><8 digits>                  | SYS |  | 14        |
| 334-0             | Counter        | Display of total number of pages at Twin Color Mode          | Large | ALL (color) | 0<br><8 digits>                  | SYS | Displays the total number of pages at Twin Color Mode in the Copier Function.  | 14        |
| 334-1             | Counter        |  | Small | ALL (color) | 0<br><8 digits>                  | SYS |  | 14        |
| 334-2             | Counter        |  | Total | ALL (color) | 0<br><8 digits>                  | SYS |  | 14        |
| 335-0             | Counter        | Display of total number of pages at Black Mode               | Large | ALL (black) | 0<br><8 digits>                  | SYS | Displays the total number of pages at Black Mode in the Copier/Printer/Scanning/FAX Functions.   | 14        |
| 335-1             | Counter        |  | Small | ALL (black) | 0<br><8 digits>                  | SYS |  | 14        |
| 335-2             | Counter        |  | Total | ALL (black) | 0<br><8 digits>                  | SYS |  | 14        |
| 342               | User interface | Displaying number of original pages placed on original glass |       | PPC         | 0<br><0-1>                       | SYS | This setting is whether the number of pages of originals placed on the original glass is displayed or not.<br>0: Not displayed<br>1: Displayed   | 1         |
| 343               | User interface | Black-free function  |       | ALL         | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled<br>When "1" (enabled) is set at this code, "1" (black) is automatically set at the code 08-588.  | 1         |
| 344               | Counter        | Count setting of tab paper (PM)                              |       | ALL         | 1<br><0-1>                       | M   | 0: Counted as 1<br>1: Counted as 2   | 1         |
| 346               | Counter        | Count setting of large-sized paper (PM)                      |       | ALL         | 1<br><0-1>                       | M   | 0: Counted as 1<br>1: Counted as 2   | 1         |
| 347               | Counter        | Definition setting of large-sized paper (PM)                 |       | ALL         | 1<br><0-1>                       | M   | 0: A3/LD<br>1: A3/LD/B4/LG/FOLIO/COMP  | 1         |

| Setting mode (08) |                |   |          |                                  |     |  |           |
|-------------------|----------------|---|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 348               | Counter        | Count setting of thick paper (PM)                                     | ALL      | 1<br><0-1>                       | M   | 0: Counted as 1<br>1: Counted as 2   | 1         |
| 349               | Counter        | Count setting of OHP film (PM)  | ALL      | 1<br><0-1>                       | M   | 0: Counted as 1<br>1: Counted as 2   | 1         |
| 352               | Counter        | Count setting of large-sized paper (Fee charging system counter)      | ALL      | JPN: 0<br>OTHER:<br>1<br><0-2>   | M   | 0: Counted as 1<br>1: Counted as 2<br>2: Counted as 1<br>(Mechanical counter is double counter)  | 1         |
| 353               | Counter        | Definition setting of large-sized paper (Fee charging system counter) | ALL      | 0<br><0-1>                       | M   | 0: A3/LD<br>1: A3/LD/B4/LG/<br>FOLIO/COMP/8k   | 1         |
| 356               | Counter        | Counter for upper drawer feeding                                      | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from upper drawer  | 2         |
| 357               | Counter        | Counter for lower drawer feeding                                      | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from lower drawer  | 2         |
| 358               | Counter        | Counter for bypass feeding  | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from bypass feed   | 2         |
| 359               | Counter        | Counter for LCF feeding   | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from LCF   | 2         |
| 360               | Counter        | Counter for PFP upper drawer feeding                                  | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from PFP upper drawer  | 2         |
| 370               | Counter        | Counter for PFP lower drawer feeding                                  | ALL      | 0<br><8 digits>                  | M   | Counts the number of sheets fed from PFP lower drawer  | 2         |
| 372               | Counter        | Counter for ADU   | ALL      | 0<br><8 digits>                  | M   | Counts the number of output pages of duplex printing.  | 2         |
| 374               | Counter        | Counter for RADF  | ALL      | 0<br><8 digits>                  | SYS | Counts the number of originals fed from RADF   | 2         |
| 375               | Maintenance    | Setting value of PM time counter display/0 clearing                   | ALL      | Refer to content<br><8 digits>   | M   | <Default><br>e-STUDIO281c<br>JPN:0<br>UC, EUR: 315,000<br>e-STUDIO351c<br>JPN:0<br>UC, EUR: 315,000<br>e-STUDIO451c<br>JPN: 0<br>UC, EUR: 315,000  | 1         |
| 376               | Maintenance    | Current value of PM time counter                                      | ALL      | 0<br><8 digits>                  | M   | Counts the drum driving time (main motor ON).  | 1         |
| 381               | Counter        | Setting for counter installed externally                              | ALL      | 1<br><0-7>                       | M   | Selects the job to count up for the external counter.<br>0: Not selected<br>1: Copier<br>2: FAX<br>3: Copier/FAX<br>4: Printer<br>5: Copier/Printer<br>6: Printer/FAX<br>7: Copier/Printer/FAX | 1         |



| Setting mode (08) |                |  |             |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 390               | Counter        | Number of errors in HDD (Copying)  | PPC         | 0<br><8 digits>                  | SYS | The number of error is reset at HDD formatting.   | 2         |
| 391               | Counter        | Number of errors in HDD (FAX)  | FAX         | 0<br><8 digits>                  | SYS |   | 2         |
| 392               | Counter        | Number of errors in HDD (Scanning)                                       | SCN         | 0<br><8 digits>                  | SYS |   | 2         |
| 393               | Counter        | Number of errors in HDD (Printer)  | PRT         | 0<br><8 digits>                  | SYS |   | 2         |
| 398               | Laser          | Number of polygonal motor rotational speed switching                     | ALL         | 0<br><8 digits>                  | M   | Counts the number of time the polygonal motor has switched its rotational speed between normal rotation and standby rotation  | 2         |
| 399               | Laser          | Accumulated time of polygonal motor at normal rotation                   | ALL         | 0<br><8 digits>                  | M   | Accumulates the time the polygonal motor has rotated at normal rotation.  | 2         |
| 400               | Fuser          | Fuser unit error status counter  | ALL         | 0<br><0-29>                      | M   | 0: No error<br>1: C411 2: C412<br>3: C433 4: -<br>5: C445 6: C446<br>7: C447 8: -<br>9: C449 10: C475<br>11: C471 12: C472<br>13: - 14: -<br>15: C480 16: -<br>17: C490 18: -<br>19: C449 20: -<br>21: C449 22: C449<br>23: C449 24: C447<br>25: C449 26: -<br>27: C449 28: -<br>29: C449 | 1         |
| 409               | Fuser          | Fuser roller temperature at a energy saver mode (Center thermistor)      | ALL         | 13<br><0-16>                     | M   | 0: OFF 1: 40°C<br>2: 45°C 3: 50°C<br>4: 55°C 5: 60°C<br>6: 65°C 7: 70°C<br>8: 75°C 9: 80°C<br>10: 85°C 11: 90°C<br>12: 95°C 13: 100°C<br>14: 105°C 15: 110°C<br>16: 115°C   | 1         |
| 410-0             | Fuser          | Fuser roller temperature during printing (Center thermistor/Plain paper) | ALL (black) | 12<br><0-16>                     | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C  | 4         |
| 410-1             | Fuser          |  | ALL (color) | 11<br><0-16>                     | M   | 8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C   | 4         |

| Setting mode (08) |                |   |             |                                  |     |   |           |
|-------------------|----------------|---|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 411               | Fuser          | Fuser roller temperature on standby (Center thermistor)                                 | ALL         | 12<br><0-16>                     | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                           | 1         |
| 412-0             | Fuser          | Fuser roller temperature during printing (Center thermistor/Thick paper 3)              | ALL (black) | 12<br><0-16>                     | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                           | 4         |
| 412-1             |                |   | ALL (color) | 12<br><0-16>                     | M   |   | 4         |
| 413-0             | Fuser          | Fuser roller temperature during printing (Center thermistor/Thick paper 1)              | ALL (black) | 12<br><0-16>                     | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                           | 4         |
| 413-1             |                |   | ALL (color) | 12<br><0-16>                     | M   |   | 4         |
| 415-0             | Fuser          | Period of time retaining print-start temperature (Thick paper 3)                        | ALL (black) | 3<br><0-10>                      | M   | 0: Invalid 1: 1 sec.<br>2: 2 sec 3: 3 sec<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 9 sec.<br>10: 10 sec.   | 4         |
| 415-1             |                |   | ALL (color) | 2<br><0-10>                      | M   |   | 4         |
| 416               | Fuser          | Temperature setting to start solving abnormality (Center/Side thermistor/Thick paper 3) | ALL         | 9<br><0-12>                      | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: Invalid   | 1         |
| 417-0             | Fuser          | Pre-running time for first printing (Thick paper 3)                                     | ALL (black) | 16<br><0-16>                     | M   | 0: Invalid 1: 0 sec.<br>2: 2 sec. 3: 3 sec.<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 10 sec.<br>10: 12 sec. 11: 14 sec.<br>12: 16 sec. 13: 18 sec.<br>14: 20 sec. 15: 25 sec.<br>16: 30 sec. | 4         |
| 417-1             |                |   | ALL (color) | 0<br><0-16>                      | M   |   | 4         |
| 422               | Fuser          | Fuser roller temperature setting at the end of pre-running during warming-up            | ALL         | 4<br><0-16>                      | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                           | 1         |

| Setting mode (08) |                |   |             |                            |     |  |           |
|-------------------|----------------|---|-------------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 428-0             | Fuser          | Period of time retaining print-start temperature (Thick paper 2)                      | ALL (black) | 3 <0-10>                   | M   | 0: Invalid 1: 1 sec.<br>2: 2 sec. 3: 3 sec.<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 9 sec.<br>10: 10 sec.  | 4         |
| 428-1             |                |   | ALL (color) | 2 <0-10>                   | M   |  | 4         |
| 430               | Fuser          | Transport motor speed deceleration (OHP film)   | ALL (color) | 1 <0-3>                    | M   | Sets deceleration ratio of paper transport speed.<br>0: 1/1 1: 1/2<br>2: 1/3 3: 1/4  | 1         |
| 431               |                | Transport motor speed deceleration (Thick paper 2)                                    | ALL (color) | 1 <0-3>                    | M   |  | 1         |
| 432               |                | Transport motor speed deceleration (Thick paper 3)                                    | ALL (color) | 2 <0-3>                    | M   |  | 1         |
| 436               | Fuser          | Temperature setting to start solving abnormality(Center/Side thermistor/Thick paper2) | ALL         | 9 <0-12>                   | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: Invalid  | 1         |
| 437-0             | Fuser          | Fuser roller temperature during printing (Center thermistor /Thick paper 2)           | ALL (black) | 12 <0-16>                  | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                                    | 4         |
| 437-1             |                |   | ALL (color) | 12 <0-16>                  | M   |  | 4         |
| 438-0             | Fuser          | Fuser roller temperature during printing (Center thermistor/OHP film)                 | ALL (black) | 12 <0-16>                  | M   | 0: 120°C 1: 125°C<br>2: 130°C 3: 135°C<br>4: 140°C 5: 145°C<br>6: 150°C 7: 155°C<br>8: 160°C 9: 165°C<br>10: 170°C 11: 175°C<br>12: 180°C 13: 185°C<br>14: 190°C 15: 195°C<br>16: 200°C                                    | 4         |
| 438-1             |                |   | ALL (color) | 10 <0-16>                  | M   |  | 4         |
| 439-0             | Fuser          | Pre-running time for first printing (Thick paper 2)                                   | ALL (black) | 14 <0-16>                  | M   | 0: Invalid 1: 0 sec.<br>2: 2 sec. 3: 3 sec.<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 10 sec.<br>10: 12 sec.<br>11: 14 sec.<br>12: 16 sec.<br>13: 18 sec.<br>14: 20 sec.<br>15: 25 sec.<br>16: 30 sec. | 4         |
| 439-1             |                |   | ALL (color) | 0 <0-16>                   | M   |  | 4         |

| Setting mode (08) |                |   |                |                                  |     |   |           |
|-------------------|----------------|---|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 440-0             | Fuser          | Pre-running time for first printing<br>(Plain paper/Low temperature environment)              | ALL<br>(black) | 12<br><0-16>                     | M   | 0: Invalid 1: 0 sec.<br>2: 2 sec. 3: 3 sec.<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 10 sec.<br>10: 12 sec.  | 4         |
| 440-1             |                |   | ALL<br>(color) | 0<br><0-16>                      | M   | 11: 14 sec.<br>12: 16 sec.<br>13: 18 sec.<br>14: 20 sec.<br>15: 25 sec.<br>16: 30 sec.  | 4         |
| 441-0             | Fuser          | Pre-running time for first printing<br>(Thick paper 1)  | ALL<br>(black) | 9<br><0-16>                      | M   | 0: Invalid 1: 0 sec.<br>2: 2 sec. 3: 3 sec.<br>4: 4 sec. 5: 5 sec.<br>6: 6 sec. 7: 7 sec.<br>8: 8 sec. 9: 10 sec.<br>10: 12 sec.  | 4         |
| 441-1             |                |   | ALL<br>(color) | 5<br><0-16>                      | M   | 11: 14 sec.<br>12: 16 sec.<br>13: 18 sec.<br>14: 20 sec.<br>15: 25 sec.<br>16: 30 sec.  | 4         |
| 449               | Paper feeding  | Switching for incorrect paper size jam detection  | ALL            | 0<br><0-1>                       | M   | 0: Enabled<br>1: Disabled   | 1         |
| 458               | Fuser          | Threshold for warming-up temperature(Low-temperature environment)                             | ALL            | 6<br><0-11>                      | M   | 0: 0°C 1: 5°C<br>2: 9°C 3: 10°C<br>4: 12°C 5: 14°C<br>6: 15°C 7: 16°C<br>8: 17°C 9: 18°C<br>10: 19°C 11: 20°C   | 1         |
| 459               | Fuser          | Warming-up time(Low-temperature environment)  | ALL            | 7<br><0-11>                      | M   | 0: No warming-up<br>1: 30 sec. 2: 40 sec.<br>3: 50 sec. 4: 60 sec.<br>5: 70 sec. 6: 80 sec.<br>7: 90 sec.<br>8: 100 sec.<br>9: 120 sec.<br>10: 180 sec.<br>11: 300 sec. | 1         |
| 460               | Fuser          | Threshold of temperature for pre-running time for first printing(Low-temperature environment) | ALL            | 9<br><0-11>                      | M   | 0: 0°C 1: 5°C<br>2: 9°C 3: 10°C<br>4: 12°C 5: 14°C<br>6: 15°C 7: 16°C<br>8: 17°C 9: 18°C<br>10: 19°C 11: 20°C   | 1         |
| 461               | Fuser          | Pre-running time for first printing(Plain paper/Low-temperature environment)                  | ALL            | 8<br><0-11>                      | M   | 0: Invalid (always)<br>1: 0 min. 2: 0.5 min.<br>3: 1 min. 4: 2 min.<br>5: 3 min. 6: 5 min.<br>7: 7 min. 8: 10 min.<br>9: 15 min. 10: 30 min.<br>11: 60 min.             | 1         |

| Setting mode (08) |                |   |             |          |                                  |     |  |           |
|-------------------|----------------|---|-------------|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   |             | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 462               | RADF           | Setting for switchback operation in mixed-size copying using RADF |             | ALL      | 0<br><0-2>                       | SYS | <p>This setting is whether the original length is detected or not by transporting without scanning in reverse when A4-R/FOLIO paper or LT-R/LG paper is detected in a mixed-size copying.</p> <p>0: Disabled - AMS:<br/>A series - Judges as A4-R without transporting in reverse with no scanning.<br/>LT series - Judges whether it is LT-R or LG by its length without transporting in reverse with no scanning.</p> <p>APS:<br/>A series - Judges whether it is A4-R or FOLIO without transporting in reverse with no scanning.<br/>LT series - Judges whether it is LT-R or LG without transporting in reverse with no scanning.</p> <p>1: Enable 1<br/>AMS:<br/>A series - Judges whether it is A4-R or FOLIO by transporting in reverse to detect its length.<br/>LT series - Judges whether it is LT-R or LG by transporting without scanning in reverse to detect its length.</p> <p>APS:<br/>The same as that of APS in 0: Disabled.</p> <p>2: Enable 2<br/>AMS/APS:<br/>The same as that of AMS in 1: Enable 1.</p> | 1         |
| 463-0             | Paper feeding  | Feeding retry number setting (upper drawer)                       | Plain paper | ALL      | 5<br><0-5>                       | M   | Sets the number of times of the feeding retry from the upper drawer.   | 4         |
| 463-1             |                |   | Others      | ALL      | 5<br><0-5>                       | M   |  | 4         |

| Setting mode (08) |                |  |             |          |                            |     |  |           |
|-------------------|----------------|--|-------------|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items  |             | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 464-0             | Paper feeding  | Feeding retry number setting (lower drawer)                                    | Plain paper | ALL      | 5 <0-5>                    | M   | Sets the number of times of the feeding retry from the lower drawer.   | 4         |
| 464-1             |                |  | Others      | ALL      | 5 <0-5>                    | M   |  | 4         |
| 465-0             | Paper feeding  | Feeding retry number setting (PFP upper drawer)                                | Plain paper | ALL      | 5 <0-5>                    | M   | Sets the number of times of the feeding retry from the PFP upper drawer.   | 4         |
| 465-1             |                |  | Others      | ALL      | 5 <0-5>                    | M   |  | 4         |
| 466-0             | Paper feeding  | Feeding retry number setting (PFP lower drawer)                                | Plain paper | ALL      | 5 <0-5>                    | M   | Sets the number of times of the feeding retry from the PFP lower drawer.   | 4         |
| 466-1             |                |  | Others      | ALL      | 5 <0-5>                    | M   |  | 4         |
| 467-0             | Paper feeding  | Feeding retry number setting (bypass feed)                                     | Plain paper | ALL      | 5 <0-5>                    | M   | Sets the number of times of the feeding retry from the bypass tray.  | 4         |
| 467-1             |                |  | Others      | ALL      | 5 <0-5>                    | M   |  | 4         |
| 468-0             | Paper feeding  | Feeding retry number setting (LCF)   | Plain paper | ALL      | 5 <0-5>                    | M   | Sets the number of times of the feeding retry from the LCF.  | 4         |
| 468-1             |                |  | Others      | ALL      | 5 <0-5>                    | M   |  | 4         |
| 470               | Paper feeding  | Paper size (305x457 mm) feeding/widthwise direction                            |             | ALL      | 457/305 <148-457/105-305>  | M   |  | 10        |
| 471               | Paper feeding  | Paper size (Post card) feeding/widthwise direction                             |             | ALL      | 148/100 <148-432/100-297>  | M   | * Post card is supported only for JPN model.   | 10        |
| 478               | Laser          | Judged number of polygonal motor rotation error (Normal rotation)              |             | ALL      | 0 <0-1>                    | M   | Displays the error [CA10] when the set number of rotation error has been detected.<br>0: 2 times<br>1: 12 times                          | 1         |
| 479               | Laser          | Judged number of polygonal motor rotation error (At acceleration/deceleration) |             | ALL      | 0 <0-1>                    | M   | 0: Waiting time for polygonal motor rotation overshooting 0.6 sec.<br>1: Waiting time for polygonal motor rotation overshooting 2.2 sec. | 1         |
| 480               | Paper feeding  | Default setting of paper source  |             | PPC      | 0 <0-5>                    | SYS | 0: A4/LT<br>1: LCF<br>2: Upper drawer<br>3: Lower drawer<br>4: PFP upper drawer<br>5: PFP lower drawer                                   | 1         |

| Setting mode (08) |                |  |          |                                  |     |   |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 481               | Paper feeding  | Automatic change of paper source                                   | PPC      | 1<br><0-2>                       | SYS | Sets whether or not changing the drawer automatically to the other drawer with the paper of the same size when paper in the selected drawer has run out.<br>0: OFF<br>1: ON (Changes to the drawer with the same paper direction and size: ex. A4 to A4)<br>2: ON (Changes to the drawer with the same paper size. Paper with the different direction is acceptable as long as the size is the same: ex., A4 to A4-R, LT-R to LT. "1" is applied when the staple/holepunch is specified.) | 1         |
| 482               | Paper feeding  | Feeding retry setting  | ALL      | 0<br><0-1>                       | M   | 0: ON<br>1: OFF   | 1         |
| 483               | Laser          | Pre-running rotation of polygonal motor                            | ALL      | 0<br><0-2>                       | SYS | Sets whether or not switching the polygonal motor from the standby rotation to the normal rotation when the original is set on the RADF or the platen cover is opened.<br>0: Valid (when using RADF and the original is set manually)<br>1: Invalid<br>2: Valid (when using RADF only)  | 1         |
| 484               | Laser          | Polygonal motor rotational status switching at the Auto Clear Mode | ALL      | 0<br><0-1>                       | SYS | Sets whether or not switching the polygonal motor from the normal rotation to the standby rotation at the Auto Clear Mode.<br>0: Valid<br>1: Invalid  | 1         |
| 485               | Laser          | Rotational status of polygonal motor on standby                    | ALL      | 0<br><0-1>                       | SYS | Sets the rotational status of polygonal motor on standby.<br>0: Rotated (The rotational speed is set at 08-490.)<br>1: Stopped  | 1         |

| Setting mode (08) |                |  |                |                                  |     |  |           |
|-------------------|----------------|--|----------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function       | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 486               | Laser          | Timing of auto-clearing of polygonal motor pre-running rotation        | ALL            | 0<br><0-2>                       | SYS | Switches the polygonal motor to the standby rotation when a certain period of time has passed from the pre-running. At this code, the period to switch the status to the standby rotation is set.<br>0: 15 sec.<br>1: 30 sec.<br>2: 45 sec.<br>* This setting is effective when "0" or "2" is set at 08-483. | 1         |
| 487               | Transfer       | Selection of performing the 2nd transfer roller cleaning (Bypass feed) | ALL            | 0<br><0-1>                       | M   | 0: Performs only at no paper size is designated<br>1: Performs regardless of designation of paper size   | 1         |
| 488               | Laser          | Setting of polygonal motor type  | ALL            | 3<br><2-3>                       | M   | Set the type of polygonal motor.<br>2: 2 clock type<br>3: 3 clock type   | 1         |
| 489               | Laser          | Polygonal motor rotation number on standby                             | ALL            | 5<br><0-5>                       | M   | 0: 38090.55rpm<br>1: 35000rpm<br>2: 30000rpm<br>3: 25000rpm<br>4: 20000rpm<br>5: 10000rpm  | 1         |
| 490               | Laser          | Polygonal motor rotation in the energy saving mode                     | ALL            | 0<br><0-1>                       | M   | 0: Stopped<br>1: 10000rpm.   | 1         |
| 497               | General        | Speed switching for color printing                                     | ALL<br>(color) | 0<br><0-1>                       | M   | Sets the speed for color printing.<br>0: 11 pages/minute<br>1: 6 pages/minute  | 1         |
| 502               | Image          | Error diffusion and dither setting at photo mode                       | PPC<br>(black) | 0<br><0-1>                       | SYS | Sets the image reproduction method at photo mode.<br>0: Error diffusion<br>1: Dither   | 1         |
| 503               | User interface | Default setting of density adjustment                                  | PPC<br>(black) | 0<br><0-1>                       | SYS | 0: Automatic<br>1: Manual (Center)   | 1         |
| 511               | Main charger   | Main charger wire auto-cleaning setting                                | ALL            | 1<br><0-1>                       | M   | 0: Invalid<br>1: Valid   | 1         |
| 526-0             | Fuser          | Pre-running time for first printing (OHP film)                         | ALL<br>(black) | 16<br><0-16>                     | M   | 0: Invalid<br>1: 0 sec.<br>2: 2 sec.<br>3: 3 sec.<br>4: 4 sec.<br>5: 5 sec.<br>6: 6 sec.<br>7: 7 sec.<br>8: 8 sec.<br>9: 10 sec.<br>10: 12 sec.<br>11: 14 sec.<br>12: 16 sec.<br>13: 18 sec.<br>14: 20 sec.<br>15: 25 sec.<br>16: 30 sec.  | 4         |
| 526-1             |                |  | ALL<br>(color) | 0<br><0-16>                      | M   |  | 4         |



| Setting mode (08) |                |  |             |                                 |     |   |           |
|-------------------|----------------|--|-------------|---------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default <Acceptable value>      | RAM | Contents  | Procedure |
| 544               | Image control  | Environment correction control of 2nd transfer roller bias                       | ALL         | 1<br><0-1>                      | M   | Sets whether or not correcting the 2nd transfer roller bias depending on the environment.<br>0: Invalid<br>1: Valid   | 1         |
| 545               | Image control  | Transfer belt life correction of 2nd transfer roller bias                        | ALL         | 1<br><0-1>                      | M   | Sets whether or not correcting the 2nd transfer roller bias depending on the transfer belt life.<br>0: Invalid<br>1: Valid                                    | 1         |
| 546               | Image control  | 2nd transfer roller life correction of 2nd transfer roller bias                  | ALL         | 1<br><0-1>                      | M   | Sets whether or not correcting the 2nd transfer roller bias depending on the 2nd transfer roller life.<br>0: Invalid<br>1: Valid                              | 1         |
| 548               | Transfer       | Setting of 2nd transfer roller bias table (for each destination/paper thickness) | ALL         | EUR:0<br>UC:1<br>JPN:2<br><0-2> | M   | 0:80 g/m2 (21.3 lb.)/<br>EUR<br>1: 75 g/m2 (20 lb.)/<br>UC<br>2: 64 g/m2 (17.1 lb.)/<br>JPN   | 1         |
| 549               | Image control  | Image quality control/open-loop control 1  | ALL         | 1<br><0-1>                      | M   | Sets whether or not performing the open-loop control 1. The open-loop control 1 is performed in advance of the closed-loop control.<br>0: Invalid<br>1: Valid | 1         |
| 550               | Image          | Default setting of Original mode   | PPC (black) | 0<br><0-3>                      | SYS | 0: Text/Photo<br>1: Photo<br>2: Text<br>3: Gray Scale   | 1         |
| 551               | Image control  | Image quality control/open-loop control 2  | ALL         | 1<br><0-1>                      | M   | Sets whether or not performing the open-loop control 2. The open-loop control 2 is performed before or during printing.<br>0: Invalid<br>1: Valid             | 1         |
| 552               | Image control  | Drum life correction control   | ALL         | 1<br><0-1>                      | M   | Sets whether or not correcting the drum voltage depending on the drum life in open-loop control.<br>0: Invalid<br>1: Valid                                    | 1         |

| Setting mode (08) |                |  |                |                                  |     |  |           |
|-------------------|----------------|--|----------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function       | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 553               | Image control  | Drum temperature correction control                              | ALL            | 1<br><0-1>                       | M   | Sets whether or not correcting the drum voltage depending on the drum surface temperature in open-loop control.<br>0: Invalid<br>1: Valid  | 1         |
| 554               | Image control  | Image quality open-loop control/Contrast voltage initial value   | ALL            | 1<br><0-1>                       | M   | Sets whether or not deciding the initial value of contrast voltage in open-loop control.<br>0: Invalid<br>1: Valid   | 1         |
| 555               | Image control  | Drum life correction of laser power initial value                | ALL            | 1<br><0-1>                       | M   | Sets whether or not correcting the laser power depending on the drum life when the laser power initial value is set in open-loop control.<br>0: Invalid<br>1: Valid                                      | 1         |
| 556               | Image control  | Image quality closed-loop control/Contrast voltage               | ALL            | 1<br><0-1>                       | M   | Sets whether or not correcting the contrast voltage in closed-loop control.<br>0: Invalid<br>1: Valid  | 1         |
| 557               | Image control  | Image quality closed-loop control/Laser power                    | ALL            | 1<br><0-1>                       | M   | Sets whether or not correcting the laser power in closed-loop control.<br>0: Invalid<br>1: Valid   | 1         |
| 558               | Image control  | Contrast voltage/Correction gain environment setting             | ALL            | 1<br><0-1>                       | M   | Sets whether or not switching the correction amount once at contrast voltage correction depending on the environment.<br>0: Invalid<br>1: Valid  | 1         |
| 559               | Image control  | Image quality closed-loop control automatic start-up/At power-ON | ALL<br>(color) | 1<br><0-2>                       | M   | Sets whether performing closed-loop control automatically at power-ON when the fuser roller temperature becomes below the specified level.<br>0: Invalid<br>1: Valid (at mode 1)<br>2: Valid (at mode 2) | 1         |
| 560               | Image1         | Process switching for image smoothing (Text/Photo)               | PPC<br>(black) | 1<br><0-1>                       | M   | Sets whether or not performing a smoothing process (primary scanning direction, 2,400 dpi or equivalent).<br>0: Invalid<br>1: Valid  | 1         |

| Setting mode (08) |                     |   |                |                                       |     |  |                    |
|-------------------|---------------------|---|----------------|---------------------------------------|-----|--|--------------------|
| Code              | Classifi-<br>cation | Items   | Func-<br>tion  | Default<br><Accept-<br>able<br>value> | RAM | Contents   | Pro-<br>cedur<br>e |
| 561               | Image               | Process switching for image smoothing (Photo)   | PPC<br>(black) | 0<br><0-1>                            | M   | Sets whether or not performing a smoothing process (primary scanning direction, 2,400 dpi or equivalent).<br>0: Invalid<br>1: Valid  | 1                  |
| 562               | Image               | Process switching for image smoothing (Text)  | PPC<br>(black) | 1<br><0-1>                            | M   |  | 1                  |
| 565               | Image<br>control    | Image quality closed-loop control automatic start-up/<br>Relative humidity variation          | ALL<br>(color) | 1<br><0-2>                            | M   | Sets whether or not performing closed-loop control automatically when the relative humidity becomes below the specified level from the previous control.<br>0: Invalid<br>1: Valid (at mode 1)<br>2: Valid (at mode 2) | 1                  |
| 566               | Image<br>control    | Image quality closed-loop control automatic start-up/<br>Period of time unattended            | ALL<br>(color) | 1<br><0-2>                            | M   | Sets whether or not performing closed-loop control automatically when the equipment has not been used for a specified period of time.<br>0: Invalid<br>1: Valid (at mode 1)<br>2: Valid (at mode 2)                    | 1                  |
| 567               | Image<br>control    | Image quality closed-loop control automatic start-up/<br>Accumulated print volume             | ALL<br>(color) | 2<br><0-2>                            | M   | Sets whether or not performing closed-loop control automatically when the specified number of sheets has been printed out from the previous control.<br>0: Invalid<br>1: Valid (at mode 1)<br>2: Valid (at mode 2)     | 1                  |
| 568               | Image<br>control    | Image quality closed-loop control automatic start-up/<br>When recovered from<br>"Toner empty" | ALL<br>(color) | 2<br><0-2>                            | M   | Sets whether or not performing closed-loop control automatically when recovered from "Toner empty".<br>0: Invalid<br>1: Valid (at mode 1)<br>2: Valid (at mode 2)  | 1                  |

| Setting mode (08) |                |  |             |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 569               | Image control  | Image quality closed-loop control automatic start-up/<br>Temperature setting of fuser roller at power-ON | ALL (color) | 8<br><0-20>                      | M   | Sets the fuser roller temperature to perform closed-loop control when "1" or "2" (valid) is set in 08-559.<br>0: 20°C 1: 25°C<br>2: 30°C 3: 35°C<br>4: 40°C 5: 45°C<br>6: 50°C 7: 55°C<br>8: 60°C 9: 65°C<br>10: 70°C 11: 75°C<br>12: 80°C 13: 85°C<br>14: 90°C 15: 95°C<br>16: 100°C 17: 105°C<br>18: 110°C 19: 115°C<br>20: 120°C | 1         |
| 570               | Image control  | Image quality closed-loop control automatic start-up/<br>Relative humidity difference setting            | ALL (color) | 4<br><0-6>                       | M   | Sets the relative humidity difference to perform the closed-loop control when "1" or "2" (valid) is set in 08-565.<br>0: 0% 1: 5%<br>2: 10% 3: 15%<br>4: 20% 5: 25%<br>6: 30%   | 1         |
| 571               | Image control  | Image quality closed-loop control automatic start-up/<br>Setting of period of time unattended            | ALL (color) | 4<br><0-24>                      | M   | Sets the period of time unattended to perform closed-loop control when "1" or "2" (valid) is set in 08-566.<br>Setting value x 1 (hour)   | 1         |
| 572               | Image control  | Image quality closed-loop control automatic start-up/<br>Setting of accumulated print volume             | ALL (color) | 10<br><0-30>                     | M   | Sets the number of accumulated print volume to perform closed-loop control when "1" or "2" (valid) is set in 08-567.<br>Setting value x 100 (pages)   | 1         |
| 573               | Image control  | Abnormality detection count (Y)<br>Display/0 clearing  | ALL         | 0<br><0-16>                      | M   | Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]  | 1         |
| 574               | Image control  | Abnormality detection count (M)<br>Display/0 clearing  | ALL         | 0<br><0-16>                      | M   | Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]  | 1         |
| 575               | Image control  | Abnormality detection count (C)<br>Display/0 clearing  | ALL         | 0<br><0-16>                      | M   | Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]  | 1         |
| 576               | Image control  | Abnormality detection count (K)<br>Display/0 clearing  | ALL         | 0<br><0-16>                      | M   | Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]  | 1         |

| Setting mode (08) |                |   |                           |             |                                 |     |  |           |
|-------------------|----------------|---|---------------------------|-------------|---------------------------------|-----|--|-----------|
| Code              | Classification | Items   |                           | Function    | Default <Acceptable value>      | RAM | Contents   | Procedure |
| 583-0             | Fuser          | Pre-running time at power-ON and ready status                   | Transport motor speed 1/1 | ALL         | 1 <0-10>                        | M   | 0: 3 sec. 1: 6 sec.<br>2: 9 sec. 3: 12 sec.<br>4: 15 sec. 5: 18 sec.<br>6: 21 sec. 7: 24 sec.<br>8: 27 sec. 9: 30 sec.<br>10: 33 sec.  | 4         |
| 583-1             |                |   | Transport motor speed 1/2 | ALL         | 4 <0-10>                        | M   |  | 4         |
| 583-2             |                |   | Transport motor speed 1/3 | ALL         | 7 <0-10>                        | M   |  | 4         |
| 584               | Fuser          | Transport motor speed of pre-running at ready status            |                           | ALL         | 0 <0-2>                         | M   | 0: Decelerating to 1/1<br>1: Decelerating to 1/2<br>2: Decelerating to 1/3   | 1         |
| 585               | User interface | Default setting of Original mode                                |                           | PPC (color) | 0 <0-4>                         | SYS | 0: Text/Photo<br>1: Text<br>2: Printed image<br>3: Photo<br>4: Map   | 1         |
| 586               | Image          | Image quality switching when selecting the Image Smoothing Mode |                           | PPC (black) | 0 <0-1>                         | SYS | Selects the method of image processing when the Image Smoothing is selected in the original modes.<br>0: Processing for Image Smoothing<br>1: Processing when judging as black in the ACS Mode | 1         |
| 587               | User interface | Default setting of Density mode                                 |                           | PPC (color) | 1 <0-1>                         | SYS | 0: Automatic<br>1: Manual (Center)   | 1         |
| 588               | User interface | Default setting of Color mode                                   |                           | PPC         | 1 <0-2>                         | SYS | 0: Auto color<br>1: Black<br>2: Full color   | 1         |
| 589               | Image          | Image quality switching when judging as black in the ACS Mode   |                           | PPC (black) | 1 <0-1>                         | SYS | Selects the method of image processing when the original is judged as black in the ACS Mode.<br>0: Processing for Image Smoothing<br>1: Processing when judging as black in the ACS Mode       | 1         |
| 595               | Image          | Scanning operation switching at automatic calibration           |                           | PPC (color) | 0 <0-1>                         | SYS | 0: Scanning color/black integrated pattern<br>1: Scanning color pattern only   | 1         |
| 597               | Image          | Gamma correction table all clearing                             |                           | PRT (color) | -                               | SYS | Initializes the status of automatic gamma adjustment in color printing.  | 3         |
| 602               | User interface | Screen setting for automatic energy saver/automatic power OFF   |                           | ALL         | EUR:0<br>UC:1<br>JPN:1<br><0-1> | SYS | 0: OFF<br>1: ON  | 1         |

| Setting mode (08) |                |  |                 |          |  |     |  |           |
|-------------------|----------------|--|-----------------|----------|--|-----|--|-----------|
| Code              | Classification | Items  |                 | Function | Default<br><Acceptable<br>value>             | RAM | Contents   | Procedure |
| 603               | User interface | Setting for automatic duplexing mode                             |                 | ALL      | 0<br><0-3>                                   | SYS | 0: Invalid<br>1: Single-sided to duplex copying<br>2: Two-sided to duplex copying<br>3: User selection   | 1         |
| 604               | User interface | Default setting for APS/AMS                                      |                 | ALL      | 0<br><0-2>                                   | SYS | 0: APS (Automatic Paper Selection)<br>1: AMS (Automatic Magnification Selection)<br>2: Not selected  | 1         |
| 605               | User interface | Centering printing of primary/secondary direction at AMS         |                 | PPC      | 1<br><0-1>                                   | SYS | 0: Invalid<br>1: Valid   | 1         |
| 607               | User interface | Default setting of RADF mode                                     |                 | PPC      | 0<br><0-1>                                   | SYS | 0: Continuous feeding (by pressing the [START] button)<br>1: Single feeding (by setting original on the tray)  | 1         |
| 609-0             | Image          | Binarizing level setting (When judging as black in the ACS Mode) | Step -2         | ALL      | 88<br><0-255>                                | SYS | Sets the binarizing level of each step.<br>When the value increases, the image becomes darker. When the value decreases, the image becomes lighter.<br>* Refer to 08-268.          | 4         |
| 609-1             |                |  | Step -1         | ALL      | 108<br><0-255>                               | SYS |  | 4         |
| 609-2             |                |  | Step 0 (center) | ALL      | 148<br><0-255>                               | SYS |  | 4         |
| 609-3             |                |  | Step +1         | ALL      | 178<br><0-255>                               | SYS |  | 4         |
| 609-4             |                |  | Step +2         | ALL      | 208<br><0-255>                               | SYS |  | 4         |
| 610               | User interface | Key touch sound of control panel                                 |                 | ALL      | 1<br><0-1>                                   | SYS | 0: OFF<br>1: ON  | 1         |
| 611               | User interface | Book type original priority                                      |                 | PPC      | 0<br><0-1>                                   | SYS | 0: Left page to right page<br>1: Right page to left page   | 1         |
| 612               | General        | Summer time mode   |                 | ALL      | 0<br><0-1>                                   | SYS | 0: Not summer time<br>1: Summer time   | 1         |
| 613               | User interface | Paper size selection for [OTHER] button                          |                 | PPC      | EUR:<br>FOLIO<br>UC:<br>COMP<br>JPN:<br>A5-R | SYS | Press the icon on the LCD to select the size.  | 9         |
| 614               | Network        | Local I/F time-out period  |                 | ALL      | 6<br><1-50>                                  | SYS | Sets the period of time when the job is judged as completed in local I/F printing (USB or parallel).<br>1: 1.0 sec.<br>2: 1.5 sec.<br>50: 25.5 sec.<br>(in increments of 0.5 sec.) | 1         |

| Setting mode (08) |                |  |          |                                    |     |   |           |
|-------------------|----------------|--|----------|------------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value>         | RAM | Contents  | Procedure |
| 615               | General        | Size information of main memory and page memory          | ALL      | -                                  | SYS | Displays the sizes of the main memory and page memory. Enables to check if each memory is properly recognized.  | 2         |
| 616               | Counter        | Counting method in Twin Color Mode (Limitation Function) | ALL      | JPN: 1<br>UC: 0<br>EUR: 0<br><0-1> | SYS | Sets the counting method in Twin Color Mode with the Limitation Function.<br>0: Count as color<br>1: Count as black   | 1         |
| 617               | User interface | Print setting without department code                    | ALL      | 1<br><0-2>                         | SYS | 0: Printed forcibly<br>1: Not printed<br>2: Deleted forcibly  | 1         |
| 618               | User interface | Default setting of RADF original size                    | PPC      | 0<br><0-1>                         | SYS | 0: Same size originals<br>1: Mixed size originals   | 1         |
| 619               | Paper feeding  | Time lag before auto-start of bypass feeding             | ALL      | 4<br><0-10>                        | SYS | Sets the time taken to add paper feeding when paper in the bypass tray has run out during the bypass feed copying.<br>0: Paper is not drawn in unless the [START] button is pressed.<br>1-10: Setting value x 0.5sec. | 1         |
| 620               | User interface | Department management setting (Copier)                   | PPC      | 1<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 621               | User interface | Department management setting (FAX)                      | FAX      | 1<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 622               | User interface | Department management setting (Printer)                  | PRT      | 1<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 623               | User interface | Department management setting (Scanner)                  | SCN      | 1<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 624               | User interface | Department management setting (List print)               | PRT      | 1<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 625               | User interface | Blank copying prevention mode during RADF jamming        | PPC      | 0<br><0-1>                         | SYS | 0: OFF<br>1: ON (Start printing when the scanning of each page is finished)   | 1         |
| 627               | User interface | Rotation printing at the nonsorting                      | ALL      | 0<br><0-1>                         | SYS | 0: Not rotating<br>1: Rotating  | 1         |
| 628               | User interface | Direction priority of original image                     | PPC      | 0<br><0-1>                         | SYS | 0: Automatic<br>1: Portrait   | 1         |
| 629               | User interface | Department management setting                            | ALL      | 0<br><0-1>                         | SYS | 0: Invalid<br>1: Valid  | 1         |
| 632               | User interface | Automatic calibration disclosure level                   | PPC      | 1<br><0-2>                         | SYS | Sets the disclosing level of automatic calibration.<br>0: Service technician<br>1: Administrator<br>2: User   | 1         |

| Setting mode (08) |                          |   |                |                                       |     |   |           |
|-------------------|--------------------------|---|----------------|---------------------------------------|-----|---|-----------|
| Code              | Classification           | Items   | Function       | Default<br><Acceptable<br>value>      | RAM | Contents  | Procedure |
| 633               | Data<br>overwrite<br>kit | Releasing F200 service<br>call  | ALL            | 0<br><0-2>                            | SYS | 0: Not used<br>1: Board installed<br>2: Service call  | 1         |
| 634               | User<br>interface        | Inner receiving tray priority<br>at Non-sort Mode   | ALL            | 0<br><0-1>                            | SYS | 0: Normal<br>1: Inner receiving tray  | 1         |
| 636               | User<br>interface        | Width setting for image<br>shift copying (linkage of<br>front side and back side)                     | PPC            | 0<br><0-1>                            | SYS | 0: ON<br>1: OFF   | 1         |
| 638               | General                  | Time differences  | ALL            | EUR: 24<br>UC: 40<br>JPN: 6<br><0-47> | SYS | 0: +12.0h 1: +11.5h<br>2: +11.0h 3: +10.5h<br>4: +10.0h 5: 9.5h<br>6: +9.0h 7: +8.5h<br>8: +8.0h 9: +7.5h<br>10: +7.0h 11: +6.5h<br>12: +6.0h 13: +5.5h<br>14: +5.0h 15: +4.5h<br>16: +4.0h 17: +3.5h<br>18: +3.0h 19: +2.5h<br>20: +2.0h 21: +1.5h<br>22: +1.0h 23: +0.5h<br>24: 0.0h 25: -0.5h<br>26: -1.0h 27: -1.5h<br>28: -2.0h 29: -2.5h<br>30: -3.0h 31: -3.5h<br>32: -4.0h 33: -4.5h<br>34: -5.0h 35: -5.5h<br>36: -6.0h 37: -6.5h<br>38: -7.0h 39: -7.5h<br>40: -8.0h 41: -8.5h<br>42: -9.0h 43: -9.5h<br>44: -10.0h 45: -10.5h<br>46: -11.0h 47: -11.5h | 1         |
| 640               | User<br>interface        | Date display format   | ALL            | EUR:1<br>UC:2<br>JPN:0<br><0-2>       | SYS | 0: YYYY.MM.DD.<br>1: DD.MM.YYYY<br>2: MM.DD.YYYY  | 1         |
| 641               | User<br>interface        | Automatic Sorting Mode<br>setting (RADF)  | PPC            | 2<br><0-4>                            | SYS | 0: Invalid<br>1: STAPLE<br>2: SORT<br>3: GROUP<br>4: ROTATE SORT  | 1         |
| 642               | User<br>interface        | Default setting of Sorter<br>Mode   | PPC            | 0<br><0-4>                            | SYS | 0: NON-SORT<br>1: STAPLE<br>2: SORT<br>3: GROUP<br>4: ROTATE SORT   | 1         |
| 643               | User<br>interface        | Color 1 at twin color selec-<br>tion (Select what color<br>black in original is copied)               | PPC<br>(color) | 0<br><0-6>                            | SYS | 0: K 1: Y 2: M<br>3: C 4: R 5: G<br>6: B  | 1         |
| 644               | User<br>interface        | Color 2 at twin color selec-<br>tion (Select what color<br>other than black in original<br>is copied) | PPC<br>(color) | 4<br><0-6>                            | SYS | 0: K 1: Y 2: M<br>3: C 4: R 5: G<br>6: B  | 1         |



| Setting mode (08) |                |  |          |                            |     |  |           |
|-------------------|----------------|--|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 645               | User interface | Correction of reproduction ratio in editing copy                     | PPC      | 10<br><0-10>               | SYS | Sets the reproduction ratio for the "X in 1" printing (including magazine sort) to the "Reproduction ratio x Correction ratio".<br>0: 90% 1: 91%<br>2: 92% 3: 93%<br>4: 94% 5: 95%<br>6: 96% 7: 97%<br>8: 98% 9: 99%<br>10: 100% | 1         |
| 646               | User interface | Image position in editing  | PPC      | 0<br><0-1>                 | SYS | Sets the page pasted position for "X in 1" to the upper left corner/center.<br>0: Cornering<br>1: Centering  | 1         |
| 648               | User interface | Returning finisher tray when printing is finished                    | ALL      | 0<br><0-1>                 | SYS | Sets whether or not returning the finisher tray to the bin 1 when printing is finished.<br>0: Not returned<br>1: Returned  | 1         |
| 649               | User interface | Magazine sort setting  | PPC      | 0<br><0-1>                 | SYS | 0: Left page to right page<br>1: Right page to left page   | 1         |
| 650               | User interface | 2 in 1/4 in 1 page allocating order setting                          | PPC      | 0<br><0-1>                 | SYS | 0: Horizontal<br>1: Vertical   | 1         |
| 651               | User interface | Printing format setting for Time Stamp and Page Number               | PPC      | 2<br><0-3>                 | SYS | Hyphen (with page number) /Dropout (with date, time and page number)<br>0: OFF/OFF<br>1: ON/OFF<br>2: OFF/ON<br>3: ON/ON<br><b>Note:</b><br>Hyphen printing format<br>ON: -1- OFF: 1   | 1         |
| 652               | User interface | Cascade operation setting  | PPC      | 0<br><0-1>                 | SYS | 0: OFF<br>1: ON  | 1         |
| 653               | User interface | Cascade operation setting  | PRT      | 0<br><0-1>                 | SYS | 0: OFF<br>1: ON  | 1         |
| 657               | User interface | Default setting of printing direction for Time Stamp and Page Number | PPC      | 0<br><0-1>                 | SYS | 0: Short edge<br>1: Long edge  | 1         |

| Setting mode (08) |                |   |          |                                  |       |   |           |
|-------------------|----------------|---|----------|----------------------------------|-------|---|-----------|
| Code              | Classification | Items                                       | Function | Default<br><Acceptable<br>value> | RAM   | Contents  | Procedure |
| 658               | User interface | Auto-start setting for bypass feed printing | PRT      | 0<br><0-1>                       | SYS   | Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray.<br>0: OFF (Press the [START] button to start feeding.)<br>1: ON (Automatic feeding) | 1         |
| 659               | User interface | Auto-start setting for bypass feed printing | PPC      | 1<br><0-1>                       | SYS   | Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray.<br>0: OFF (Press the [START] button to start feeding.)<br>1: ON (Automatic feeding) | 1         |
| 660               | Network        | Auto-forwarding setting of received FAX     | ALL      | 0<br><0-1>                       | SYS   | 0: Invalid<br>1: Valid  | 1         |
| 661               | Network        | Auto-forwarding setting of received E-mail  | ALL      | 0<br><0-1>                       | SYS   | 0: Invalid<br>1: Valid  | 1         |
| 662               | General        | Clearing of SMS partition                   | ALL      | -                                | SYS   | Clears SMS partition. (Performs when the service call [F106] has occurred.)   | 3         |
| 663               | Counter        | Counting method in Twin Color Mode          | PPC      | 0<br><0-2>                       | SYS   | Sets the counting method of fee charging or department count in Twin Color Mode.<br>0: Count as Twin Color Mode<br>1: Count as Black Mode<br>2: Count as Full Color Mode                    | 1         |
| 665               | General        | M/SYS all clearing                          | ALL      | -                                | M/SYS | Initializes all the adjustment modes and setting modes.   | 3         |
| 666               | General        | BOX partition clearing                      | ALL      | -                                | SYS   | Initializes the Electronic Filing.  | 3         |
| 667               | General        | /SHA partition clearing                     | ALL      | -                                | SYS   | Initializes the shared folder.  | 3         |
| 669               | General        | System all clearing                         | ALL      | -                                | SYS   | Initializes system NVRAM area.  | 3         |
| 670               | General        | HDD diagnostic menu display                 | ALL      | -                                | SYS   | Display the HDD information (Chap. 5.3.6)   | 2         |
| 671               | User interface | Size indicator                              | ALL      | 0<br><0-1>                       | SYS   | 0: Invalid 1: Valid   | 1         |

| Setting mode (08) |                |   |                  |          |                                  |     |   |           |
|-------------------|----------------|---|------------------|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   |                  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 672               | General        | Initialization of department management information |                  | -        | -                                | SYS | Initializing of the department management information<br>* Enter the code with the digital keys and press the [INITIALIZE] button to perform the initialization.<br>If the area storing the department management information is destroyed for some reason, "Enter Department Code" is displayed on the control panel even if the department management function is not set on. In this case, initialize the area with this code. This area is normally initialized at the factory. | 3         |
| 675-0             | Paper feeding  | Coated Paper Mode setting for paper source          | Upper drawer     | ALL      | 0<br><0-1>                       | SYS | Sets whether or not applying the Coated Paper Mode to each paper source.<br>0: Normal mode<br>1: Coated Paper Mode<br>* Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time.                            | 4         |
| 675-1             |                |   | Lower drawer     | ALL      | 0<br><0-1>                       | SYS |   | 4         |
| 675-2             |                |   | PFP upper drawer | ALL      | 0<br><0-1>                       | SYS |   | 4         |
| 675-3             |                |   | PFP lower drawer | ALL      | 0<br><0-1>                       | SYS |   | 4         |
| 675-4             |                |   | LCF              | ALL      | 0<br><0-1>                       | SYS |   | 4         |

| Setting mode (08) |                |  |               |                                  |            |   |   |   |
|-------------------|----------------|--|---------------|----------------------------------|------------|---|---|---|
| Code              | Classification | Items  | Function      | Default<br><Acceptable<br>value> | RAM        | Contents  | Procedure   |   |
| 676               | Paper feeding  | Bypass copy printing [COATED] button display | PPC           | 0<br><0-1>                       | SYS        | Sets whether or not displaying the [COATED] button on the LCD screen at bypass feeding.<br>0: Not displayed<br>1: Displayed (The Coated Paper Mode is applied by pressing the [COATED] button at bypass feeding.)<br>* Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time. | 1   |   |
| 677-0             | Paper feeding  | Coated Paper Mode setting at bypass feeding  | Plain paper   | PRT                              | 0<br><0-1> | SYS   | Sets whether or not applying the Coated Paper Mode on each paper type at bypass printing.<br>0: Normal mode<br>1: Coated Paper Mode<br>* Coated Paper Mode - This mode is selected when the paper which often causes the misfeeding (ex. coated paper) is used. The occurrence of misfeeding is reduced by lengthening the jam detection time. However, the printing speed is lowered since the printing cycle is also lengthened with the lengthened jam detection time. | 4 |
| 677-1             |                |  | Thick paper 1 | PRT                              | 0<br><0-1> | SYS   |   | 4 |
| 677-2             |                |  | Thick paper 2 | PRT                              | 0<br><0-1> | SYS   |   | 4 |
| 677-3             |                |  | Thick paper 3 | PRT                              | 0<br><0-1> | SYS   |   | 4 |
| 677-4             |                |  | OHP film      | PRT                              | 0<br><0-1> | SYS   |   | 4 |
| 677-5             |                |  | Envelop       | PRT                              | 0<br><0-1> | SYS   |   | 4 |

| Setting mode (08) |                |  |          |                            |     |  |           |
|-------------------|----------------|--|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 678               | General        | Setting of banner advertising display                | ALL      | 0<br><0-1>                 | SYS | Sets whether or not displaying the banner advertising. The setting contents of 08-679 and 08-680 are displayed at the time display section on the right top of the screen. When both are set, each content is displayed alternately.<br>0: Not displayed<br>1: Displayed   | 1         |
| 679               | General        | Banner advertising display 1                         | ALL      | -                          | SYS | Maximum 27 letters (one-byte character)  | 11        |
| 680               | General        | Banner advertising display 2                         | ALL      | -                          | SYS | Maximum 27 letters (one-byte character)  | 11        |
| 681               | General        | Display of [BANNER MESSAGE] button                   | ALL      | 0<br><0-1>                 | SYS | 0: Not displayed<br>1: Displayed<br>* This button enables the entry of "Banner advertising display 1 (08-679)" and "Banner advertising display 2 (08-680)" on the control panel.   | 1         |
| 682               | Use interface  | Offsetting between jobs                              | ALL      | 1<br><0-1>                 | SYS | 0: Invalid<br>1: Valid   | 1         |
| 683               | General        | Duplex printing setting when coin controller is used | ALL      | 1<br><0-1>                 | SYS | When the duplex printing is short paid with a coin controller, reverse side of the original is not printed and is considered as a defect (printing job may be cleared). To solve this problem, the selection of printing method is enabled with this setting.<br>0: Invalid (Both sides printed)<br>1: Valid (Only one side printed) | 1         |
| 684               | General        | Rebuilding all databases                             | ALL      | -                          | SYS | Rebuilds all databases.  | 3         |
| 685               | General        | Rebuilding all databases related to Address Book     | ALL      | -                          | SYS | Rebuilds all databases related to the Address Book.  | 3         |
| 686               | General        | Rebuilding all databases related to log              | ALL      | -                          | SYS | Rebuilds all databases related to the logs.  | 3         |
| 689               | FAX            | Adaptation of paper source priority selection        | FAX      | 0<br><0-1>                 | SYS | 0: Not subjected for APS judgment<br>1: Subjected for APS judgment   | 1         |
| 690               | General        | HDD formatting                                       | ALL      | -<br><2>                   | SYS | 2: Normal formatting   | 7         |
| 691               | General        | HDD type display                                     | ALL      | -<br><0-2>                 | SYS | 0: Not formatted<br>1: Not used<br>2: Normal format  | 7         |

| Setting mode (08) |                 |   |          |   |     |   |           |
|-------------------|-----------------|---|----------|---|-----|---|-----------|
| Code              | Classification  | Items                                     | Function | Default<br><Acceptable<br>value>                | RAM | Contents  | Procedure |
| 692               | Maintenance     | Performing panel calibration              | ALL      | -   | SYS | Performs the calibration of the pressing position on the touch panel (LCD screen). The calibration is performed by pressing 2 reference positions after this code is started up.  | 1         |
| 693               | General         | Initialization of NIC information         | ALL      | -   | SYS | Returns the value to the factory shipping default value.  | 3         |
| 694               | General         | Performing HDD testing                    | ALL      | -   | SYS | Checks the bad sector.  | 3         |
| 696               | Scrambler board | Installation of scrambler board (Option)  | ALL      | 0<br><0-1>                                      | -   | 0: Not installed<br>1: Installed  | 2         |
| 697               | Paper feeding   | Paper type priority                       | PPC      | 1<br><1-2>                                      | SYS | Sets the paper type priority during copying.<br>1: Normal paper<br>2: Thick paper 1   | 1         |
| 698               | Scrambler board | Entering the key code for scrambler board | ALL      | -   | -   | Start up this code and have the user enter the key code.<br>Once the key code has been set, this code cannot be set again on security grounds.  | 5         |
| 699               | Scrambler board | Erasing all data in HDD                   | ALL      | -   | -   | This setting is effective only when the scrambler board is installed.   | 3         |
| 701               | FAX             | Destination setting for FAX               | FAX      | EUR: 5<br>UC: 4<br>JPN: 0<br>Other: 1<br><0-25> | SYS | 0: Japan<br>1: Asia<br>2: Australia<br>3: Hong Kong<br>4: U.S.A./Canada<br>5: Germany<br>6: U.K.<br>7: Italy<br>8: Belgium<br>9: Netherlands<br>10: Finland<br>11: Spain<br>12: Austria<br>13: Switzerland<br>14: Sweden<br>15: Denmark<br>16: Norway<br>17: Portugal<br>18: France<br>19: Greece<br>20: Poland<br>21: Hungary<br>22: Czech<br>23: Turkey<br>24: South Africa<br>25: Taiwan | 1         |

| Setting mode (08) |                      |  |                         |          |  |     |   |           |
|-------------------|----------------------|--|-------------------------|----------|--|-----|---|-----------|
| Code              | Classification       | Items  |                         | Function | Default <Acceptable value>                                 | RAM | Contents  | Procedure |
| 702               | Maintenance          | Remote-controlled service function                                       |                         | ALL      | 2<br><0-2>   | SYS | 0: Valid (Remote-controlled server)<br>1: Valid (L2)<br>2: Invalid                            | 1         |
| 703               | Maintenance          | Remote-controlled service HTTP server URL setting                        |                         | ALL      | -  | SYS | Maximum 256 Bytes   | 11        |
| 704-0             |                      | Interruption of stapling operation (no staple)                           | Copying                 | ALL      | 1<br><0-1>   | SYS | 0: Continues printing by switching sort setting<br>1: Interrupts printing                     | 4         |
| 704-1             |                      |  | Printing / BOX printing | ALL      | 0<br><0-1>   | SYS | 0: Continues printing by switching sort setting<br>1: Interrupts printing                     | 4         |
| 707               | Maintenance          | Remote-controlled service HTTP initially-registered server URL setting   |                         | ALL      | https://device.mfp-support.com:443/device/firstregist.ashx | SYS | Maximum 256 Bytes   | 11        |
| 710               | Maintenance (Remote) | Short time interval setting of recovery from Emergency Mode              |                         | ALL      | 24<br><1-48>   | SYS | Sets the time interval to recover from the Emergency Mode to the Normal Mode.<br>(Unit: Hour) | 1         |
| 711               | Maintenance          | Short time interval setting of Emergency Mode                            |                         | ALL      | 60<br><30-360>   | SYS | Unit: Minute  | 1         |
| 715               | Maintenance          | Remote-controlled service periodical polling timing (Hour/Minute/Minute) |                         | ALL      | 1230   | SYS | 0 (0:00) to 2359 (23:59)  | 1         |
| 716               | Maintenance          | Remote-controlled service Writing data of self-diagnostic code           |                         | ALL      | 0<br><0-1>   | SYS | 0: Prohibited<br>1: Accepted  | 1         |
| 717               | Maintenance          | Remote-controlled service response waiting time (Timeout)                |                         | ALL      | 3<br><1-30>  | SYS | Unit: Minute  | 1         |
| 718               | Maintenance          | Remote-controlled service initial registration                           |                         | ALL      | 0<br><0-2>   | SYS | 0: OFF<br>1: Start<br>2: Only certification is scanned  | 1         |
| 719               | Maintenance          | Remote-controlled service tentative password                             |                         | ALL      | -  | SYS | Maximum 10 letters  | 11        |
| 720               | Maintenance          | Status of remote-controlled service initial registration (Display only)  |                         | ALL      | 0<br><0-1>   | SYS | 0: Not registered<br>1: Registered  | 2         |
| 721               | Maintenance          | Service center call function   |                         | ALL      | 2<br><0-2>   | SYS | 0: OFF<br>1: Notifies all service calls<br>2: Notifies all but paper jams                     | 1         |
| 723               | Maintenance          | Service center call HTTP server URL setting                              |                         | ALL      | -  | SYS | Maximum 256 letters   | 11        |
| 726               | Maintenance          | HTTP proxy setting   |                         | ALL      | 1<br><0-1>   | SYS | 0: Valid<br>1: Invalid  | 1         |

| Setting mode (08) |                         |   |          |                                  |     |   |           |
|-------------------|-------------------------|---|----------|----------------------------------|-----|---|-----------|
| Code              | Classification          | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 727               | Maintenance             | HTTP proxy IP address setting   | ALL      | -                                | SYS | 000.000.000.000 - 255.255.255.255<br>(Default value 000.000.000.000)      | 11        |
| 728               | Maintenance             | HTTP proxy port number setting  | ALL      | 0<br><0-65535>                   | SYS |   | 1         |
| 729               | Maintenance             | HTTP proxy ID setting   | ALL      | -                                | SYS | Maximum 30 letters  | 11        |
| 730               | Maintenance             | HTTP proxy password setting   | ALL      | -                                | SYS | Maximum 30 letters  | 11        |
| 731               | Maintenance             | HTTP proxy panel display  | ALL      | 1<br><0-1>                       | SYS | 0: Valid<br>1: Invalid  | 1         |
| 732               | Maintenance<br>(Remote) | Automatic ordering function of supplies                                       | ALL      | 3<br><0-3>                       | SYS | 0: Ordered by FAX<br>1: Ordered by E-mail<br>2: Ordered by HTTP<br>3: OFF | 1         |
| 733               | Maintenance<br>(Remote) | Automatic ordering function of supplies FAX number                            | ALL      | -                                | SYS | Maximum 32 digits<br>Enter hyphen with the [Monitor/Pause] button         | 11        |
| 734               | Maintenance<br>(Remote) | Automatic ordering function of supplies E-mail address                        | ALL      | -                                | SYS | Maximum 192 letters<br>List: 256 digits                                   | 11        |
| 738               | Maintenance<br>(Remote) | Automatic ordering function of supplies User's name                           | ALL      |                                  | SYS | Maximum 50 letters  | 11        |
| 739               | Maintenance<br>(Remote) | Automatic ordering function of supplies User's telephone number               | ALL      |                                  | SYS | Maximum 32 digits<br>Enter hyphen with the [Monitor/Pause] button         | 11        |
| 740               | Maintenance<br>(Remote) | Automatic ordering function of supplies User's E-mail address                 | ALL      |                                  | SYS | Maximum 192 letters<br>List: 256 digits                                   | 11        |
| 741               | Maintenance<br>(Remote) | Automatic ordering function of supplies User's address                        | ALL      |                                  | SYS | Maximum 100 letters   | 11        |
| 742               | Maintenance<br>(Remote) | Automatic ordering function of supplies Service number                        | ALL      |                                  | SYS | Maximum 5 digits  | 11        |
| 743               | Maintenance<br>(Remote) | Automatic ordering function of supplies Service technician's name             | ALL      |                                  | SYS | Maximum 50 letters  | 11        |
| 744               | Maintenance<br>(Remote) | Automatic ordering function of supplies Service technician's telephone number | ALL      |                                  | SYS | Maximum 32 digits<br>Enter hyphen with the [Monitor/Pause] button         | 11        |
| 745               | Maintenance<br>(Remote) | Automatic ordering function of supplies Service technician's E-mail address   | ALL      |                                  | SYS | Maximum 192 letters<br>List: 256 digits                                   | 11        |
| 746               | Maintenance<br>(Remote) | Automatic ordering function of supplies Supplier's name                       | ALL      |                                  | SYS | Maximum 50 letters  | 11        |
| 747               | Maintenance<br>(Remote) | Automatic ordering function of supplies Supplier's address                    | ALL      |                                  | SYS | Maximum 100 letters   | 11        |



| Setting mode (08) |                      |  |          |                            |     |   |           |
|-------------------|----------------------|--|----------|----------------------------|-----|---|-----------|
| Code              | Classification       | Items  | Function | Default <Acceptable value> | RAM | Contents  | Procedure |
| 748               | Maintenance (Remote) | Automatic ordering function of supplies Notes                    | ALL      |                            | SYS | Maximum 128 letters   | 11        |
| 749               | Maintenance (Remote) | Information about supplies Part number of toner cartridge C      | ALL      |                            | SYS | Maximum 20 digits   | 11        |
| 750               | Maintenance (Remote) | Information about supplies Order quantity of toner cartridge C   | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 751               | Maintenance (Remote) | Information about supplies Condition number of toner cartridge C | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 752               | Maintenance (Remote) | Information about supplies Part number of toner cartridge M      | ALL      |                            | SYS | Maximum 20 digits   | 11        |
| 753               | Maintenance (Remote) | Information about supplies Order quantity of toner cartridge M   | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 754               | Maintenance (Remote) | Information about supplies Condition number of toner cartridge M | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 755               | Maintenance (Remote) | Information about supplies Part number of toner cartridge Y      | ALL      | -                          | SYS | Maximum 20 digits   | 11        |
| 756               | Maintenance (Remote) | Information about supplies Order quantity of toner cartridge Y   | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 757               | Maintenance (Remote) | Information about supplies Condition number of toner cartridge Y | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 758               | Maintenance (Remote) | Information about supplies Part number of toner cartridge K      | ALL      | -                          | SYS | Maximum 20 digits   | 11        |
| 759               | Maintenance (Remote) | Information about supplies Order quantity of toner cartridge K   | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 760               | Maintenance (Remote) | Information about supplies Condition number of toner cartridge K | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 761               | Maintenance (Remote) | Information about supplies Part number of toner bag              | ALL      | -                          | SYS | Maximum 20 digits   | 11        |
| 762               | Maintenance (Remote) | Information about supplies Order quantity of toner bag           | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 763               | Maintenance (Remote) | Information about supplies Condition number of toner bag         | ALL      | 1 <1-99>                   | SYS |   | 1         |
| 764               | Maintenance (Remote) | Automatic ordering supplies Result table printout                | ALL      | 1 <0-2>                    | SYS | 0: OFF<br>1: Always<br>2: ON Error  | 1         |
| 765               | Maintenance (Remote) | Automatic ordering supplies Display                              | ALL      | 2 <0-2>                    | SYS | 0: Valid (FAX/Internet FAX)<br>1: Valid (FAX/Internet FAX/HTTP)<br>2: Invalid | 1         |

| Setting mode (08) |                         |   |          |                                  |     |   |           |
|-------------------|-------------------------|---|----------|----------------------------------|-----|---|-----------|
| Code              | Classification          | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 767               | Maintenance<br>(Remote) | Service Notification setting  | ALL      | 0<br><0-2>                       | SYS | Enables to set up to 3 E-mail addresses to be sent. (08-768, 777, 778)<br>0: Invalid<br>1: Valid (E-mail)<br>2: Valid (FAX) | 1         |
| 768               | Maintenance<br>(Remote) | Destination E-mail address 1  | ALL      | -                                | SYS | Maximum 192 letters   | 11        |
| 769               | Maintenance<br>(Remote) | Total counter information transmission setting                        | ALL      | 0<br><0-1>                       | SYS | 0: Invalid<br>1: Valid  | 1         |
| 770               | Maintenance<br>(Remote) | Total counter transmission date setting                               | ALL      | 1<br><1-31>                      | SYS | 1 to 31   | 1         |
| 771               | Maintenance<br>(Remote) | PM counter notification setting                                       | ALL      | 0<br><0-1>                       | SYS | 0: Invalid<br>1: Valid  | 1         |
| 772               | Maintenance             | Dealer's name   | ALL      | -                                | SYS | Maximum 100 letters<br>Needed at initial registration   | 11        |
| 773               | Maintenance             | Login name  | ALL      | -                                | SYS | Maximum 20 letters<br>Needed at initial registration  | 11        |
| 774               | Maintenance<br>(Remote) | Display setting of [Service Notification] button                      | ALL      | 0<br><0-1>                       | SYS | 0: Not displayed<br>1: Displayed  | 1         |
| 775               | Maintenance<br>(Remote) | Sending error contents of equipment                                   | ALL      | 0<br><0-1>                       | SYS | 0: Invalid<br>1: Valid  | 1         |
| 776               | Maintenance<br>(Remote) | Setting total counter transmission interval (Hour/Hour/Minute/Minute) | ALL      | -                                | SYS |   | 1         |
| 777               | Maintenance<br>(Remote) | Destination E-mail address 2  | ALL      | -                                | SYS | Maximum 192 letters   | 11        |
| 778               | Maintenance<br>(Remote) | Destination E-mail address 3  | ALL      | -                                | SYS | Maximum 192 letters   | 11        |
| 780               | Maintenance             | Remote-controlled service polling day selection Day-1                 | ALL      | 0<br><0-31>                      | SYS | 0: OFF<br>1 to 31:<br>1st to 31st of a month  | 1         |
| 781               | Maintenance             | Remote-controlled service polling day selection Day-2                 | ALL      | 0<br><0-31>                      | SYS | 0: OFF<br>1 to 31:<br>1st to 31st of a month  | 1         |
| 782               | Maintenance             | Remote-controlled service polling day selection Day-3                 | ALL      | 0<br><0-31>                      | SYS | 0: OFF<br>1 to 31:<br>1st to 31st of a month  | 1         |
| 783               | Maintenance             | Remote-controlled service polling day selection Day-4                 | ALL      | 0<br><0-31>                      | SYS | 0: OFF<br>1 to 31:<br>1st to 31st of a month  | 1         |

| Setting mode (08) |                |   |          |   |                 |   |   |   |
|-------------------|----------------|---|----------|---|-----------------|---|---|---|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value>                | RAM             | Contents                                      | Procedure   |   |
| 784               | Maintenance    | Remote-controlled service polling day selection Sunday                | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 785               | Maintenance    | Remote-controlled service polling day selection Monday                | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 786               | Maintenance    | Remote-controlled service polling day selection Tuesday               | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 787               | Maintenance    | Remote-controlled service polling day selection Wednesday             | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 788               | Maintenance    | Remote-controlled service polling day selection Thursday              | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 789               | Maintenance    | Remote-controlled service polling day selection Friday                | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 790               | Maintenance    | Remote-controlled service polling day selection Saturday              | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 791               | Maintenance    | Information of supplies setting of toner cartridge C                  | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 792               | Maintenance    | Information of supplies setting of toner cartridge M                  | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 793               | Maintenance    | Information of supplies setting of toner cartridge Y                  | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 794               | Maintenance    | Information of supplies setting of toner cartridge K                  | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 795               | Maintenance    | Information of supplies setting of toner bag                          | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 796               | Maintenance    | Remote-controlled service lengthened interval polling (End of month)  | ALL      | 0<br><0-1>                                      | SYS             | 0: Invalid<br>1: Valid                        | 1   |   |
| 797               | Maintenance    | Firmware download   | ALL      | 0<br><0-1>                                      | SYS             | 0: Accepted<br>1: Prohibited                  | 1   |   |
| 816               | Transfer       | 1st transfer roller bias resistance detection control                 | ALL      | 1<br><0-1>                                      | M               | 0: Disabled<br>1: Enabled                     | 1   |   |
| 817               | Transfer       | 2nd transfer roller bias temperature detection control                | ALL      | 1<br><0-1>                                      | M               | 0: Disabled<br>1: Enabled                     | 1   |   |
| 818               | Transfer       | Temperature correction factor table setting                           | ALL      | JPN: 1<br>UC: 0<br>EUR: 0<br>Others: 1<br><0-1> | M               | 0: No Damp Heater<br>1: Damp Heater installed | 1   |   |
| 819-0             | Development    | Color auto-toner sensor output setting for initial developer material | Y        | ALL (color)                                     | 256<br><0-1023> | M   | Sets the target output value of color auto-toner sensor to the sleeve in the auto-toner control. (This is set when performing the automatic adjustment of auto-toner sensor.) | 4 |
| 819-1             |                |   | M        | ALL (color)                                     | 256<br><0-1023> | M   |   | 4 |
| 819-2             |                |   | C        | ALL (color)                                     | 256<br><0-1023> | M   |   | 4 |

| Setting mode (08) |                |  |   |             |  |     |  |           |
|-------------------|----------------|--|---|-------------|--|-----|--|-----------|
| Code              | Classification | Items  |   | Function    | Default<br><Acceptable<br>value>                     | RAM | Contents   | Procedure |
| 820-0             | Development    | Color auto-toner sensor output display for developer material              | Y | ALL (color) | -<br><0-1023>  | M   | Displays the output value of the color auto-toner sensor to the sleeve in color printing.  | 4         |
| 820-1             |                |  | M | ALL (color) | -<br><0-1023>  | M   |  | 4         |
| 820-2             |                |  | C | ALL (color) | -<br><0-1023>  | M   |  | 4         |
| 821               | Development    | ON/OFF of the mode for developer material stabilization                    |   | ALL (color) | 0<br><0-1>   | M   | Sets whether or not performing an aging to stabilize the status of developer material when the toner density is uneven or the toner charging amount is lowered.<br>0: ON<br>1: OFF | 1         |
| 822-0             | Development    | Number of times the mode for developer material stabilization is performed | Y | ALL (color) | 0<br><0-255>   | M   | Displays the number of times the developer material stabilization is performed.  | 4         |
| 822-1             |                |  | M | ALL (color) | 0<br><0-255>   | M   |  | 4         |
| 822-2             |                |  | C | ALL (color) | 0<br><0-255>   | M   |  | 4         |
| 823-0             | Development    | Color auto-toner sensor/light amount correction voltage abnormal detection | Y | ALL (color) | 0<br><0-1>   | M   | Displays "1" when the abnormal output voltage is detected for the color auto-toner sensor light amount correction. ([CF40] error)<br>0: Normal<br>1: Abnormality detected          | 4         |
| 823-1             |                |  | M | ALL (color) | 0<br><0-1>   | M   |  | 4         |
| 823-2             |                |  | C | ALL (color) | 0<br><0-1>   | M   |  | 4         |
| 824-0             | Development    | Color auto-toner sensor/toner density detection voltage abnormal detection | Y | ALL (color) | 0<br><0-1>   | M   | Displays "1" when the abnormal toner density detection voltage is detected. ([CF20] error)<br>0: Normal<br>1: Abnormality detected   | 4         |
| 824-1             |                |  | M | ALL (color) | 0<br><0-1>   | M   |  | 4         |
| 824-2             |                |  | C | ALL (color) | 0<br><0-1>   | M   |  | 4         |
| 849               | Fuser          | Fusing control switching for TWD and SAD models                            |   | ALL         | Other than TWD and SAD: 0<br>TWD and SAD: 1<br><0-1> | M   |  | 1         |
| 858-0             | Development    | Color toner forced supply level display                                    | Y | ALL (color) | 0<br><0-1>   | M   | Becomes "1" when the toner density decreases and it is judged forced toner supply is needed.<br>0: Normal level<br>1: Forced supply level  | 14        |
| 858-1             |                |  | M | ALL (color) | 0<br><0-1>   | M   |  | 14        |
| 858-2             |                |  | C | ALL (color) | 0<br><0-1>   | M   |  | 14        |

| Setting mode (08) |                |  |             |             |                                  |     |  |           |
|-------------------|----------------|--|-------------|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  |             | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 859-0             | Development    | Toner empty detection  | Y           | ALL (color) | 0<br><0-1>                       | M   | Becomes "1" when detecting the toner empty.<br>0: Normal<br>1: Empty detected  | 14        |
| 859-1             |                |  | M           | ALL (color) | 0<br><0-1>                       | M   |  | 14        |
| 859-2             |                |  | C           | ALL (color) | 0<br><0-1>                       | M   |  | 14        |
| 860-0             | Development    | Color auto-toner sensor/ proper range setting of OFF level voltage                                 | Upper limit | ALL (color) | 20<br><0-1023>                   | M   | Sets the range for judging whether the sensor output value when the sensor light source is OFF is correct or not.  | 4         |
| 860-1             |                |  | Lower limit | ALL (color) | 0<br><0-1023>                    | M   |  | 4         |
| 861-0             | Development    | Color auto-toner sensor/ proper range setting of standard light amount voltage                     | Upper limit | ALL (color) | 205<br><0-255>                   | M   | Sets the range for judging whether the adjustment result of sensor light amount is correct or not.   | 4         |
| 861-1             |                |  | Lower limit | ALL (color) | 40<br><0-255>                    | M   |  | 4         |
| 862-0             | Development    | Color auto-toner sensor/ proper range setting of reference plate output                            | Upper limit | ALL (color) | 950<br><0-1023>                  | M   | Sets the range for judging whether the sensor output value for the reference plate is correct or not.  | 4         |
| 862-1             |                |  | Lower limit | ALL (color) | 205<br><0-1023>                  | M   |  | 4         |
| 863-0             | Development    | Color auto-toner sensor/ proper range setting of developer output                                  | Upper limit | ALL (color) | 450<br><0-1023>                  | M   | Sets the range for judging whether the sensor output value for the sleeve is correct or not.   | 4         |
| 863-1             |                |  | Lower limit | ALL (color) | 155<br><0-1023>                  | M   |  | 4         |
| 864               | Development    | Color auto-toner sensor/ sensor OFF output value display at power ON                               |             | ALL (color) | -<br><0-1023>                    | M   | Displays the sensor output value when the sensor light source is OFF at power ON.  | 2         |
| 865               | Development    | Color auto-toner sensor/ reference plate output value display at power ON                          |             | ALL (color) | -<br><0-1023>                    | M   | Displays the sensor output value with the standard light amount for the reference plate at power ON.   | 2         |
| 866-0             | Development    | Color auto-toner sensor/ abnormal detection potential difference setting of reference plate output | Upper limit | ALL (color) | 820<br><0-1023>                  | M   | Sets the range for judging whether the difference between the sensor output when the sensor light source is OFF and the sensor output for the reference plate is correct or not. | 4         |
| 866-1             | Development    |  | Lower limit | ALL (color) | 205<br><0-1023>                  | M   |  | 4         |
| 867               | Development    | Color auto-toner control environment and life light amount correction setting                      |             | ALL (color) | 0<br><0-1>                       | M   | Sets whether the sensor light amount is corrected or not depending on the environment and life.<br>0: Correction<br>1: No correction   | 1         |

| Setting mode (08) |                |   |             |                                  |                 |  |  |   |
|-------------------|----------------|---|-------------|----------------------------------|-----------------|--|--|---|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM             | Contents   | Procedure  |   |
| 868               | Development    | Color auto-toner adjustment finishing range setting   | ALL (color) | 4<br><0-255>                     | M               | Sets the difference from the target value for judging whether the color auto-toner adjustment finishes correctly or not.   | 1  |   |
| 869               | Development    | Color auto-toner control environment and life light amount correction/correction finishing range setting  | ALL (color) | 5<br><0-255>                     | M               | Sets the difference from the target value for judging whether the light amount correction finishes correctly or not.   | 1  |   |
| 870               | Development    | Color auto-toner sensor/setting of number of times of error detection at light amount correction  | ALL (color) | 3<br><0-255>                     | M               | Sets the number of times of continuous error detection before the light amount correction abnormality is displayed.  | 1  |   |
| 871               | Development    | Color auto-toner control environment and life light amount correction/display of number of times of reference plate detection error               | ALL (color) | 0<br><0-255>                     | M               | Displays the number of times of the reference plate detection error for the environment and life light amount correction.  | 2  |   |
| 872               | Development    | Color auto-toner control environment and life light amount correction/display of number of times of light amount control voltage adjustment error | ALL (color) | 0<br><0-255>                     | M               | Displays the number of times of the light amount control voltage adjustment error for the environment and life light amount correction.  | 2  |   |
| 873-0             | Development    | Color auto-toner control/developer initial output setting   | Y           | ALL (color)                      | 256<br><0-1023> | M  | Sets the initial developer output target value.  | 4 |
| 873-1             | Development    |   | M           | ALL (color)                      | 256<br><0-1023> | M  |  | 4 |
| 873-2             | Development    |   | C           | ALL (color)                      | 256<br><0-1023> | M  |  | 4 |
| 874               | Development    | Color developer life correction   | ALL (color) | 0<br><0-1>                       | M               | Sets whether the toner density detection voltage correction is performed or not depending on the developer life in the color auto-toner control.<br>0: Corrected<br>1: Not corrected | 1  |   |
| 875-0             | Development    | Color developer life correction value (segment 0)   | Y           | ALL (color)                      | 0<br><-512-511> | M  | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 0-2000 is set as the correction amount. | 4 |
| 875-1             |                |   | M           | ALL (color)                      | 0<br><-512-511> | M  |  | 4 |
| 875-2             |                |   | C           | ALL (color)                      | 0<br><-512-511> | M  |  | 4 |

| Setting mode (08) |                |   |          |                            |                |          |   |   |
|-------------------|----------------|---|----------|----------------------------|----------------|----------|---|---|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM            | Contents | Procedure   |   |
| 876-0             | Development    | Color developer life correction value (segment 1) | Y        | ALL (color)                | -4 <-512-511>  | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 2001-5000 is set as the correction amount.   | 4 |
| 876-1             |                |   | M        | ALL (color)                | -2 <-512-511>  | M        |   | 4 |
| 876-2             |                |   | C        | ALL (color)                | -2 <-512-511>  | M        |   | 4 |
| 877-0             | Development    | Color developer life correction value (segment 2) | Y        | ALL (color)                | -6 <-512-511>  | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 5001-10000 is set as the correction amount.  | 4 |
| 877-1             |                |   | M        | ALL (color)                | -3 <-512-511>  | M        |   | 4 |
| 877-2             |                |   | C        | ALL (color)                | -3 <-512-511>  | M        |   | 4 |
| 878-0             | Development    | Color developer life correction value (segment 3) | Y        | ALL (color)                | -8 <-512-511>  | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 10001-20000 is set as the correction amount. | 4 |
| 878-1             |                |   | M        | ALL (color)                | -4 <-512-511>  | M        |   | 4 |
| 878-2             |                |   | C        | ALL (color)                | -4 <-512-511>  | M        |   | 4 |
| 879-0             | Development    | Color developer life correction value (segment 4) | Y        | ALL (color)                | -10 <-512-511> | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 20001-30000 is set as the correction amount. | 4 |
| 879-1             |                |   | M        | ALL (color)                | -5 <-512-511>  | M        |   | 4 |
| 879-2             |                |   | C        | ALL (color)                | -5 <-512-511>  | M        |   | 4 |
| 880-0             | Development    | Color developer life correction value (segment 5) | Y        | ALL (color)                | -12 <-512-511> | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count within 30001-37500 is set as the correction amount. | 4 |
| 880-1             |                |   | M        | ALL (color)                | -6 <-512-511>  | M        |   | 4 |
| 880-2             |                |   | C        | ALL (color)                | -6 <-512-511>  | M        |   | 4 |
| 881-0             | Development    | Color developer life correction value (segment 6) | Y        | ALL (color)                | -12 <-512-511> | M        | Sets the correction amount of the toner density detection voltage depending on the developer life. In this code, the life count 37501 or more is set as the correction amount.      | 4 |
| 881-1             |                |   | M        | ALL (color)                | -6 <-512-511>  | M        |   | 4 |
| 881-2             |                |   | C        | ALL (color)                | -6 <-512-511>  | M        |   | 4 |

| Setting mode (08) |                |  |          |                                  |     |  |           |
|-------------------|----------------|--|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 900               | Version        | System firmware ROM version                      | ALL      | -                                | -   | JPN: T410SY0JXXX<br>UC: T410SY0UXXX<br>EUR: T410SY0EXXX<br>Others: T410SY0XXXX | 2         |
| 903               | Version        | Engine ROM version                               | ALL      | -                                | -   | 410M-XXX   | 2         |
| 905               | Version        | Scanner ROM version                              | ALL      | -                                | -   | 410S-XXX   | 2         |
| 907               | Version        | RADF ROM version                                 | ALL      | -                                | -   | DF-XXXX  | 2         |
| 908               | Version        | Finisher ROM version                             | ALL      | -                                | -   | SDL-XX FIN-XX  | 2         |
| 911               | Version        | Finisher punch ROM version                       | ALL      | -                                | -   | PUN-XXX  | 2         |
| 915               | Version        | FAX board ROM version                            | FAX      | -                                | -   | F562-XXX   | 2         |
| 920               | Version        | FROM basic section software version              | ALL      | -                                | -   | VX.XX/X.XX   | 2         |
| 921               | Version        | FROM internal program                            | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 922               | Version        | UI data fixed section version                    | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 923               | Version        | UI data common section version                   | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 924               | Version        | Version of UI data language 1 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 925               | Version        | Version of UI data language 2 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 926               | Version        | Version of UI data language 3 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 927               | Version        | Version of UI data language 4 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 928               | Version        | Version of UI data language 5 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 929               | Version        | Version of UI data language 6 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 930               | Version        | Version of UI data in FROM displayed at power-ON | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 931               | Version        | Version of UI data language 7 in HDD             | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 933               | Version        | Web data whole version                           | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 934               | Version        | Web UI data in HDD<br>Version: Language 1        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 935               | Version        | Web UI data in HDD<br>Version: Language 2        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 936               | Version        | Web UI data in HDD<br>Version: Language 3        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 937               | Version        | Web UI data in HDD<br>Version: Language 4        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 938               | Version        | Web UI data in HDD<br>Version: Language 5        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 939               | Version        | Web UI data in HDD<br>Version: Language 6        | ALL      | -                                | -   | VXXX.XXX X   | 2         |
| 944               | Version        | HD version                                       | ALL      | -                                | -   | JPN: T410HD0JXXX<br>UC: T410HD0UXXX<br>EUR: T410HD0EXXX<br>Others: T410HD0XXXX | 2         |
| 945               | Network        | Two-way setting of Raw-Port 9100                 | ALL      | 2<br><1-2>                       | UTY | 1: Valid<br>2: Invalid   | 12        |



| Setting mode (08) |                   |   |          |                                    |     |   |           |
|-------------------|-------------------|---|----------|------------------------------------|-----|---|-----------|
| Code              | Classification    | Items   | Function | Default<br><Acceptable<br>value>   | RAM | Contents  | Procedure |
| 947               | General           | Initialization after software version upgrade                       | ALL      | -                                  | -   | Perform this code when the software in this equipment has been upgraded.  | 3         |
| 949               | General           | Automatic interruption page setting during black printing           | ALL      | 0<br><0-100>                       | SYS | Sets the number of pages to interrupt the printing automatically.<br>0-100: 0 to 100 pages  | 1         |
| 950               | Electronic filing | Start-up method of Electronic Filing                                | ALL      | 0<br><0-2>                         | SYS | Sets the start-up method of the Electronic Filing.<br>0: Standard<br>1: Forced start-up (Not recovered)<br>2: Forced start-up (Recovered)                       | 1         |
| 951               | User interface    | Image setting for Electronic Filing printing (Only for color image) | ALL      | 0<br><0-3>                         | SYS | 0: General<br>1: Photograph<br>2: Presentation<br>3: Line art   | 1         |
| 953               | User interface    | Access code entry for Electronic Filing printing                    | ALL      | 0<br><0-1>                         | SYS | 0: Renewed automatically<br>1: Enter every time   | 1         |
| 954               | User interface    | Clearing timing for files and Electronic Filing Agent               | ALL      | 1<br><0-1>                         | SYS | 0: Immediately after the completion of scanning<br>1: Cleared by Auto Clear   | 1         |
| 969               | User interface    | Error sound   | ALL      | 1<br><0-1>                         | SYS | 0: OFF<br>1: ON   | 1         |
| 970               | User interface    | Sound setting when switching to Energy Saving Mode                  | ALL      | EUR: 1<br>UC: 1<br>JPN: 0<br><0-1> | SYS | 0: OFF<br>1: ON   | 1         |
| 973               | Network           | PCL line feed code setting  | PRT      | 0<br><0-3>                         | SYS | Sets the PCL line feed code.<br>0: Automatic setting<br>1: CR=CR, LF=LF<br>2: CR=CR+LF, LF=LF<br>3: CR=CR, LF=CR+LF   | 1         |
| 975               | General           | Job handling when printing is short paid with coin controller       | ALL      | 1<br><0-1>                         | SYS | Sets whether pause or stop the printing job when it is short paid using a coin controller.<br>0: Pause the job<br>1: Stop the job                               | 1         |
| 976               | Scanning          | Equipment name and user name setting to a folder when saving files  | ALL      | 0<br><0-2>                         | SYS | Sets whether or not adding the equipment name and user name to the folder when saving files.<br>0: Not add<br>1: Add the equipment name<br>2: Add the user name | 1         |

| Setting mode (08) |                |  |          |                                  |     |  |           |
|-------------------|----------------|--|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items                                      | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 978               | Network        | Raw printing job<br>(Paper feeding drawer) | PRT      | 0<br><0-5>                       | SYS | 0: AUTO<br>1: Upper drawer<br>2: Lower drawer<br>3: PFP upper drawer<br>4: PFP lower drawer<br>5: LCF  | 1         |
| 979               | Network        | Raw printing job<br>(PCL symbol set)       | PRT      | 0<br><0-39>                      | SYS | 0: Roman-8<br>1: ISO 8859/1 Latin 1<br>2: ISO 8859/2 Latin 2<br>3: ISO 8859/9 Latin 5<br>4: PC-8, Code Page 437<br>5: PC-8 D/N, Danish/<br>Norwegian<br>6: PC-850, Multilingual<br>7: PC-852, Latin2<br>8: PC-8 Turkish<br>9: Windows 3.1 Latin 1<br>10: Windows 3.1 Latin 2<br>11: Windows 3.1 Latin 5<br>12: DeskTop<br>13: PS Text<br>14: Ventura International<br>15: Ventura US<br>16: Microsoft Publishing<br>17: Math-8<br>18: PS Math<br>19: Ventura Math<br>20: Pi Font<br>21: Legal<br>22: ISO 4: United Kingdom<br>23: ISO 6: ASCII<br>24: ISO 11<br>25: ISO 15: Italian<br>26: ISO 17<br>27: ISO 21: German<br>28: ISO 60: Danish/Norwegian<br>29: ISO 69: French<br>30: Windows 3.0 Latin 1<br>31: MC Text<br>32: PC Cyrillic<br>33: ITC Zapf Dingbats<br>34: ISO 8859/10 Latin 6<br>35: PC-775<br>36: PC-1004<br>37: Symbol<br>38: Windows Baltic<br>39: Wingdings | 1         |
| 983               | User interface | JOB STATUS initial screen setting          | ALL      | 0<br><0-1>                       | SYS | 0: Print<br>1: Private   | 1         |
| 986               | General        | Copy function setting                      | PPC      | 0<br><0-1>                       | SYS | Sets the copy function to be invalid.<br>0: Valid<br>1: Invalid  | 1         |

| Setting mode (08) |                |  |          |                                  |     |   |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 988               | Paper feeding  | Setting of paper size switching to 13" LG    | ALL      | 0<br><0-2>                       | SYS | 0: Not switched<br>1: LG→13"LG<br>2: FOLIO→13"LG  | 1         |
| 995               | Maintenance    | Equipment number (serial number) display     | ALL      | 0<br><10 digits>                 | SYS | This code can be also keyed in from the adjustment mode (05-976).<br>10 digits                                | 11        |
| 999               | Maintenance    | FSMS total counter                           | ALL      | 0<br><8 digits>                  | SYS | Refer to values of total counter.   | 1         |
| 1002              | Network        | Selection of NIC board status information    | ALL      | 1<br><1-2>                       | NIC | 1: Not printed out when the copier is restarted<br>2: Printed out when the copier is restarted                | 12        |
| 1003              | Network        | Communication speed and settings of Ethernet | ALL      | 1<br><1-5>                       | NIC | 1: Auto<br>2: 10MBPS Half Duplex<br>3: 10MBPS Full Duplex<br>4: 100MBPS Half Duplex<br>5: 100MBPS Full Duplex | 12        |
| 1006              | Network        | Address Mode                                 | ALL      | 2<br><1-3>                       | NIC | 1: Fixed IP address<br>2: Dynamic IP address<br>3: Dynamic IP address without AutoIP                          | 12        |
| 1007              | Network        | Domain name                                  | ALL      | -                                | NIC | Maximum 96 letters  | 12        |
| 1008              | Network        | IP address                                   | ALL      | -                                | NIC | 000.000.000.000-255.255.255.255<br>(Default value 000.000.000.000)  | 12        |
| 1009              | Network        | Subnet mask                                  | ALL      | -                                | NIC | 000.000.000.000-255.255.255.255<br>(Default value 000.000.000.000)  | 12        |
| 1010              | Network        | Gateway                                      | ALL      | -                                | NIC | 000.000.000.000-255.255.255.255<br>(Default value 000.000.000.000)  | 12        |
| 1011              | Network        | Availability of IPX                          | ALL      | 1<br><1-2>                       | NIC | 1: Available<br>2: Not available  | 12        |
| 1012              | Network        | Network frame type                           | ALL      | 1<br><1-5>                       | NIC | 1: Automatic<br>2: IEEE802.3<br>3: Ethernet II<br>4: IEEE802.3 SNAP<br>5: IEEE802.2                           | 12        |
| 1014              | Network        | Availability of AppleTalk                    | ALL      | 1<br><1-2>                       | NIC | 1: Available<br>2: Not available  | 12        |
| 1015              | Network        | Zone setting of AppleTalk                    | ALL      | *                                | NIC | Maximum 32 letters<br>*: Wildcard character   | 12        |
| 1016              | Network        | Availability of LDAP                         | ALL      | 1<br><1-2>                       | NIC | 1: Available<br>2: Not available  | 12        |
| 1017              | Network        | Availability of DNS                          | ALL      | 1<br><1-2>                       | NIC | 1: Available<br>2: Not available  | 12        |

| Setting mode (08) |                |   |          |                            |     |  |           |
|-------------------|----------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1018              | Network        | IP address to DNS server (Primary)                | ALL      | -                          | NIC | 000.000.000.000-255.255.255.255 (Default value 000.000.000.000)                              | 12        |
| 1019              | Network        | IP address to DNS server (Secondary)              | ALL      | -                          | NIC | 000.000.000.000-255.255.255.255 (Default value 000.000.000.000)                              | 12        |
| 1020              | Network        | DDNS Desired level                                | ALL      | 1 <1-5>                    | NIC | 1: Invalid<br>2: Via DHCP<br>3: Insecure DDNS<br>4: Secure DDNS<br>5: Multi-secure DDNS      | 12        |
| 1022              | Network        | From Name Creation setting in SMTP authentication | ALL      | 0 <0-1>                    | SYS | 0: Not edited<br>1: Account name of From Address +Device name                                | 1         |
| 1023              | Network        | NetBios name                                      | ALL      | MFP_serial                 | UTY | Maximum 15 letters<br>The network-related serial number of the equipment appears at "serial" | 12        |
| 1024              | Network        | Name of WINS server or IP address (Primary)       | ALL      | -                          | UTY | 000.000.000.000-255.255.255.255 (Default value 000.000.000.000)                              | 12        |
| 1025              | Network        | Name of WINS server or IP address (Secondary)     | ALL      | -                          | UTY | 000.000.000.000-255.255.255.255 (Default value 000.000.000.000)                              | 12        |
| 1026              | Network        | Availability of Bindery                           | ALL      | 1 <1-2>                    | NIC | 1: Available<br>2: Not available   | 12        |
| 1027              | Network        | Availability of NDS                               | ALL      | 1 <1-2>                    | NIC | 1: Available<br>2: Not available   | 12        |
| 1028              | Network        | Directory service context                         | ALL      | -                          | NIC | Maximum 127 letters  | 12        |
| 1029              | Network        | Directory service tree                            | ALL      | -                          | NIC | Maximum 47 letters   | 12        |
| 1030              | Network        | Availability of HTTP server                       | ALL      | 1 <1-2>                    | NIC | 1: Available<br>2: Not available   | 12        |
| 1031              | Network        | Port number to NIC HTTP server                    | ALL      | 80 <1-65535>               | NIC |  | 12        |
| 1032              | Network        | Port number to system HTTP server                 | ALL      | 8080 <1-65535>             | NIC |  | 12        |
| 1037              | Network        | Availability of SMTP client                       | ALL      | 1 <1-2>                    | NIC | 1: Available<br>2: Not available   | 12        |
| 1038              | Network        | FQDN or IP address to SMTP server                 | ALL      | -                          | NIC | Maximum 128 Bytes  | 12        |
| 1039              | Network        | TCP port number of SMTP client                    | ALL      | 25 <1-65535>               | NIC |  | 12        |
| 1040              | Network        | Availability of SMTP server                       | ALL      | 1 <1-2>                    | UTY | 1: Available<br>2: Not available   | 12        |
| 1041              | Network        | TCP port number of SMTP server                    | ALL      | 25 <1-65535>               | UTY |  | 12        |

| Setting mode (08) |                |                                    |          |                            |     |  |           |
|-------------------|----------------|------------------------------------|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items                              | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1042              | Network        | E-mail box name to SMTP server     | ALL      | -                          | UTY | Maximum 192 letters  | 12        |
| 1043              | Network        | Availability of Offramp            | ALL      | 2<br><1-2>                 | UTY | 1: Available<br>2: Not available                                   | 12        |
| 1044              | Network        | Offramp security                   | ALL      | 1<br><1-2>                 | UTY | 1: Available<br>2: Not available                                   | 12        |
| 1045              | Network        | Printing at Offramp                | ALL      | 1<br><1-2>                 | UTY | 1: Available<br>2: Not available                                   | 12        |
| 1046              | Network        | Availability of POP3 clients       | ALL      | 1<br><1-2>                 | NIC | 1: Available<br>2: Not available                                   | 12        |
| 1047              | Network        | FQDN or IP address to POP3 server  | ALL      | -                          | NIC | Maximum 128 Bytes  | 12        |
| 1048              | Network        | Types of POP3 server               | ALL      | 1<br><1-3>                 | NIC | 1: Automatic<br>2: POP3<br>3: APOP                                 | 12        |
| 1049              | Network        | Login name to POP3 server          | ALL      | -                          | NIC | Maximum 96 letters   | 12        |
| 1050              | Network        | Login password to POP3             | ALL      | -                          | NIC | Maximum 96 letters   | 12        |
| 1051              | Network        | E-mail reception interval          | ALL      | 5<br><0-4096>              | NIC | Unit: Minute   | 12        |
| 1052              | Network        | TCP port number of POP3 client     | ALL      | 110<br><1-65535>           | NIC |  | 12        |
| 1055              | Network        | TCP port number of FTP client      | ALL      | 21<br><1-65535>            | UTY |  | 12        |
| 1059              | Network        | Availability of FTP server         | ALL      | 1<br><1-2>                 | NIC | 1: Available<br>2: Not available                                   | 12        |
| 1060              | Network        | TCP port number of FTP server      | ALL      | 21<br><1-65535>            | UTY |  | 12        |
| 1063              | Network        | MIB function                       | ALL      | 1<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |
| 1065              | Network        | Setting of read Community          | ALL      | public                     | NIC | Maximum 31 letters   | 12        |
| 1066              | Network        | Setting of read/Write Community    | ALL      | private                    | NIC | Maximum 31 letters   | 12        |
| 1069              | Network        | TRAP destination IP address        | ALL      | -                          | UTY | 000.000.000.000-255.255.255.255<br>(Default value 000.000.000.000) | 12        |
| 1070              | Network        | Community setting of TRAP (via IP) | ALL      | public                     | NIC | Maximum 31 letters   | 12        |
| 1073              | Network        | Availability of Raw/TCP            | ALL      | 1<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |
| 1074              | Network        | TCP port number of Raw             | ALL      | 9100<br><1-65535>          | NIC |  | 12        |
| 1075              | Network        | Availability of LPD client         | ALL      | 1<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |
| 1076              | Network        | TCP port number of LPD             | ALL      | 515<br><1-65535>           | NIC |  | 12        |
| 1077              | Network        | LPD queue name                     | ALL      | -                          | NIC | Maximum 31 letters   | 12        |
| 1078              | Network        | Availability of IPP                | ALL      | 1<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |

| Setting mode (08) |                |  |          |                                  |     |   |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1079              | Network        | Availability of IPP port number "80"                       | ALL      | 1<br><1-2>                       | NIC | 1: Valid<br>2: Invalid  | 12        |
| 1080              | Network        | TCP port number of IPP                                     | ALL      | 631<br><1-65535>                 | NIC |   | 12        |
| 1081              | Network        | IPP printer name   | ALL      | MFP_<br>serial                   | NIC | Maximum 127 letters<br>The network-related serial number of the equipment appears at "serial" | 12        |
| 1082              | Network        | IPP printer location                                       | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1083              | Network        | IPP printer information                                    | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1084              | Network        | IPP printer information (more)                             | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1085              | Network        | Installer of IPP printer driver                            | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1086              | Network        | IPP printer "Make and Model"                               | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1087              | Network        | IPP printer information (more)<br>MFGR                     | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1088              | Network        | IPP message from operator                                  | ALL      | -                                | NIC | Maximum 127 letters   | 12        |
| 1089              | Network        | Availability of FTP print                                  | ALL      | 1<br><1-2>                       | NIC | 1: Available<br>2: Not available  | 12        |
| 1090              | Network        | Printer user name of FTP                                   | ALL      | print                            | NIC | Maximum 31 letters  | 12        |
| 1091              | Network        | Printer user password of FTP                               | ALL      | -                                | NIC | Maximum 31 letters  | 12        |
| 1092              | Network        | TCP port number to FTP print server                        | ALL      | 21<br><1-65535>                  | NIC |   | 12        |
| 1093              | Network        | Login name to Novell print server                          | ALL      | MFP_<br>serial                   | NIC | Maximum 47 letters<br>The network-related serial number of the equipment appears at "serial"  | 12        |
| 1094              | Network        | Login password to Novell print server                      | ALL      | -                                | NIC | Maximum 31 letters  | 12        |
| 1095              | Network        | Name of SearchRoot server                                  | ALL      | -                                | NIC | Maximum 31 letters  | 12        |
| 1096              | Network        | Scan rate setting of print queue                           | ALL      | 5<br><1-255>                     | NIC | Unit: Second  | 12        |
| 1097              | Network        | Page number limitation for printing text of received Email | ALL      | 5<br><1-99>                      | UTY |   | 12        |
| 1098              | Network        | MDN return mail setting when receiving E-mail              | ALL      | 2<br><1-2>                       | UTY | 1: Valid<br>2: Invalid  | 12        |
| 1099              | Network        | Trap destination of IPX                                    | ALL      | -                                | UTY | 24 letters<br>(Valid from 0 to 9 and from A to F)   | 12        |

| Setting mode (08) |                |   |          |                            |     |  |           |
|-------------------|----------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1100              | Network        | Method of SMTP server authentication                        | ALL      | 1<br><1-7,10>              | NIC | 1: Disable<br>2: Plain<br>3: Login<br>4: Cram-MD5<br>5: Digest MD5<br>6: Kerberos<br>7: NTLM<br>10: Auto   | 12        |
| 1101              | Network        | Login name for SMTP server authentication                   | ALL      | -                          | NIC | Maximum 64 letters   | 12        |
| 1102              | Network        | Login password for SMTP server authentication               | ALL      | -                          | NIC | Maximum 64 letters   | 12        |
| 1103              | Network        | Rendezvous setting  | ALL      | 1<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |
| 1104              | Network        | Link local host name  | ALL      | MFP_serial                 | NIC | Maximum 127 letters<br>The network-related serial number of the equipment appears at "serial"  | 12        |
| 1105              | Network        | Service name setting  | ALL      | Refer to contents          | NIC | Maximum 63 letters<br>The network-related serial number of the equipment appears at "serial"<br><Default value><br>e-STUDIO281C:<br>TOSHIBA<br>e-STUDIO281C_serial<br>e-STUDIO351C:<br>TOSHIBA<br>e-STUDIO351C_serial<br>e-STUDIO451C:<br>TOSHIBA<br>e-STUDIO451C_serial | 12        |
| 1111              | Network        | POP Before SMTP setting                                     | ALL      | 2<br><1-2>                 | NIC | 1: Valid<br>2: Invalid   | 12        |
| 1112              | Network        | Host name   | ALL      | MFP_serial                 | NIC | Maximum 63 letters<br>The network-related serial number of the equipment appears at "serial"   | 12        |
| 1113              | Network        | Windows domain No.1 of user authentication                  | ALL      | -                          | UTY | Maximum 128 letters  | 12        |
| 1114              | Network        | Sending mail text of InternetFAX                            | ALL      | 1<br><0-1>                 | SYS | 0: Invalid<br>1: Valid   | 1         |
| 1117              | Network        | SMB time-out period   | ALL      | 300<br><1-9999>            | SYS | Unit: Second   | 1         |
| 1118              | General        | Clearing of TAT partition                                   | ALL      | -                          | SYS |  | 3         |
| 1119              | Network        | Initialization of NIC information                           | ALL      | -                          | -   | Initializes only the information of the Network setting items.   | 3         |
| 1121              | Network        | PDC (Primary Domain Controller) name No.1 of authentication | ALL      | -                          | UTY | Maximum 128 letters  | 12        |
| 1122              | Network        | BDC (Backup Domain Controller) name No.1 of authentication  | ALL      | -                          | UTY | Maximum 128 letters  | 12        |

| Setting mode (08) |                |   |          |                                  |     |   |           |
|-------------------|----------------|---|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1123              | Network        | Windows domain of device authentication                               | ALL      | 4<br><3-4>                       | UTY | 3: ON<br>(Domain selected)<br>4: OFF<br>(Work group selected)   | 12        |
| 1124              | Network        | Workgroup name  | ALL      | work-<br>group                   | UTY | Maximum 15 letters  | 12        |
| 1125              | General        | Data writing of address book data import (overwriting method)         | ALL      | 0<br><0-1>                       | SYS | 0: Invalid<br>1: Valid  | 1         |
| 1126              | Counter        | Validity of interrupt copying when external counters are installed    | ALL      | 0<br><0-1>                       | SYS | 0: Invalid<br>1: Valid  | 1         |
| 1128              | Network        | NetwareUserAuthTree Name1   | ALL      | -                                | UTY | Maximum 47 letters  | 12        |
| 1129              | Network        | NetwareUserAuthContext Name1  | ALL      | -                                | UTY | Maximum 127 letters   | 12        |
| 1130              | User interface | Job Build Function  | ALL      | 1<br><0-1>                       | SYS | Sets the Job Build Function.<br>0: Invalid<br>1: Valid  | 1         |
| 1131              | User interface | Maximum number of time job build performed                            | ALL      | 1000<br><5-1000>                 | SYS | Sets the maximum number of time a job build has been performed.<br>5-1000: 5 to 1000 times  | 1         |
| 1132              | General        | Default screen selection of the User Function menu                    | ALL      | 1<br><0-1>                       | SYS | Selects the default screen when entering the User Function menu by pressing the [USER FUNCTIONS] button.<br>0: ADDRESS<br>1: COUNTER        | 1         |
| 1134              | Network        | NetwareUserAuthTree Name2   | ALL      | -                                | UTY | Maximum 47 letters  | 12        |
| 1135              | Paper feeding  | Default setting of drawers (Printer/BOX)                              | ALL      | 1<br><1-5>                       | SYS | 1: LCF<br>2: Upper drawer<br>3: Lower drawer<br>4: PFP upper drawer<br>5: PFP lower drawer  | 1         |
| 1138              | Network        | LDAP search method setting  | ALL      | 0<br><0-3>                       | SYS | Sets the search method when performing a LDAP search.<br>0: Partial match<br>1: Prefix match<br>2: Suffix match<br>3: Full match            | 1         |
| 1139              | Network        | LDAP authentication setting   | ALL      | 0<br><0-1>                       | SYS | 0: Not authenticated<br>1: Authenticated  | 1         |
| 1140              | User interface | Restriction of the template function with the administrator privilege | ALL      | 0<br><0-1>                       | SYS | Selects the restriction of the template function usage setting.<br>0: No restriction<br>1: Only available with the administrator privilege. | 1         |



| Setting mode (08) |                      |   |          |                            |     |  |           |
|-------------------|----------------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification       | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1141              | Network              | Display of MAC address  | ALL      | -                          | SYS | (**.*.*.*.*.*.**)<br>The address is displayed as above (6-byte data is divided by a colon at every 2 bytes).   | 2         |
| 1143              | Network              | NetwareUserAuthContext Name2  | ALL      | -                          | UTY | Maximum 127 letters  | 12        |
| 1144              | Network              | NetwareUserAuthTree Name3   | ALL      | -                          | UTY | Maximum 47 letters   | 12        |
| 1145              | Maintenance (Remote) | Counter notification Remote FAX setting   | ALL      | -                          | SYS | Maximum 32 digits<br>Enter a hyphen with the [MONITOR/PAUSE] button.   | 11        |
| 1148              | Network              | NetwareUserAuthContext Name3  | ALL      | -                          | UTY | Maximum 127 letters  | 12        |
| 1370              | Image processing     | Image quality control time accumulating counter                                   | ALL      | 0<br><8 digits>            | M   | Counts driving count of the drum (image quality control time).<br>Counts up when drum motor and image quality control are ON.  | 1         |
| 1371              | Image processing     | Accumulated counter of output pages since the performing of image quality control | ALL      | 0<br><4 digits>            | M   | Cleared to "0" by the image quality closed-loop control. Counts up with the number of printing job received after this control.  | 2         |
| 1372              | Image processing     | Heater and energizing time accumulating counter Display/0 clearing                | ALL      | 0<br><8 digits>            | M   | Counts up the heater control time accumulated (when power of the copier is ON) but does not count at the Sleep Mode. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode. | 1         |
| 1378              | Image processing     | Fuser roller ready temperature time accumulating counter                          | ALL      | 0<br><8 digits>            | M   | Counts up the heater control time accumulated (on standby).<br>When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.   | 2         |
| 1380              | Image processing     | Fuser roller printing temperature time accumulating counter                       | ALL      | 0<br><8 digits>            | M   | Counts up the heater control time accumulated (during printing).<br>When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.  | 2         |

| Setting mode (08) |                  |   |          |                                  |     |  |           |
|-------------------|------------------|---|----------|----------------------------------|-----|--|-----------|
| Code              | Classification   | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1382              | Image processing | Fuser roller energy saving temperature time accumulating counter Display/0 clearing | ALL      | 0<br><8 digits>                  | M   | Counts up the heater control time accumulated (at energy saving mode). When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode. | 2         |
| 1385              | Image processing | Number of output pages (Thick paper 1)  | ALL      | 0<br><8 digits>                  | M   | Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.                          | 1         |
| 1386              | Image processing | Number of output pages (Thick paper 2)  | ALL      | 0<br><8 digits>                  | M   | Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.                          | 1         |
| 1387              | Image processing | Number of output pages (Thick paper 3)  | ALL      | 0<br><8 digits>                  | M   | Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.                          | 1         |
| 1388              | Image processing | Number of output pages (OHP film)   | ALL      | 0<br><8 digits>                  | M   | Counts up when the registration sensor is ON. When the counter value of the fuser belt is cleared, this counter value is also cleared in sync at PM support mode.                          | 1         |
| 1389              | Main charger     | Main charger wire cleaning counter display/0 clearing                               | ALL      | 0<br><5 digits>                  | M   | Does not count up when cleaning is not effective.  | 1         |
| 1390              | Paper feeding    | Feeding retry counter (upper drawer)  | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the upper drawer.   | 1         |
| 1391              | Paper feeding    | Feeding retry counter (lower drawer)  | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the lower drawer.   | 1         |
| 1392              | Paper feeding    | Feeding retry counter (PFP upper drawer)  | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the PFP upper drawer.   | 1         |

| Setting mode (08) |                  |  |          |                                  |     |  |           |
|-------------------|------------------|--|----------|----------------------------------|-----|--|-----------|
| Code              | Classification   | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1393              | Paper feeding    | Feeding retry counter (PFP lower drawer)                           | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the PFP lower drawer.   | 1         |
| 1394              | Paper feeding    | Feeding retry counter (bypass feed)                                | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the bypass tray.  | 1         |
| 1395              | Paper feeding    | Feeding retry counter (LCF)  | ALL      | 0<br><8 digits>                  | M   | Counts the number of times of the feeding retry from the LCF.  | 1         |
| 1396              | Paper feeding    | Feeding retry counter upper limit value (upper drawer)             | ALL      | 10<br><8 digits>                 | M   | When the number of feeding retry (08-1390 to 08-1395) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. Refer to (Note 1). | 1         |
| 1397              | Paper feeding    | Feeding retry counter upper limit value (lower drawer)             | ALL      | 10<br><8 digits>                 | M   |  | 1         |
| 1398              | Paper feeding    | Feeding retry counter upper limit value (PFP upper drawer)         | ALL      | 10<br><8 digits>                 | M   |  | 1         |
| 1399              | Paper feeding    | Feeding retry counter upper limit value (PFP lower drawer)         | ALL      | 10<br><8 digits>                 | M   |  | 1         |
| 1400              | Paper feeding    | Feeding retry counter upper limit value (bypass feed)              | ALL      | 10<br><8 digits>                 | M   |  | 1         |
| 1401              | Paper feeding    | Feeding retry counter upper limit value (LCF)                      | ALL      | 10<br><8 digits>                 | M   |  | 1         |
| 1410              | Counter          | Black toner cartridge drive counts/0 clearing                      | ALL      | 0<br><8 digits>                  | M   |  | 1         |
| 1412              | Counter          | Counter for tab paper  | ALL      | 0<br><8 digits>                  | M   | Counts up when the registration sensor is ON. When the counter value of the fuser roller is reset, this counter is reset in sync at the PM support mode.   | 1         |
| 1414              | Image processing | Toner cartridge wrong installation detection ON/OFF setting        | ALL      | 0<br><0-1>                       | M   | 0: ON<br>1: OFF  | 1         |
| 1415              | Image processing | Detection/control that the toner cartridge is nearly empty         | ALL      | 0<br><0-2>                       | M   | Sets ON or OFF of the detection/control that the toner cartridge is nearly empty.<br>0: All colors (Y/M/C/K) OFF<br>1: Black (K) ON<br>2: All colors (Y/M/C/K) ON  | 1         |
| 1416              | Image processing | Threshold for detecting that black toner cartridge is nearly empty | ALL      | 322500<br><8 digits>             | M   |  | 1         |

| Setting mode (08) |                     |  |          |  |     |  |           |
|-------------------|---------------------|--|----------|--|-----|--|-----------|
| Code              | Classification      | Items  | Function | Default<br><Acceptable<br>value>             | RAM | Contents   | Procedure |
| 1422              | Data over-write kit | HDD data overwriting type setting                  | ALL      | 0<br><0-2>                                   | SYS | Select the type of the overwriting level; LOW, MEDIUM, or HIGH for deleting HDD data.<br>(This setting is enabled only when the GP-1060 is installed.)<br>0: LOW<br>1: MEDIUM<br>2: HIGH | 1         |
| 1424              | Data over-write kit | HDD data clearing type setting (forcible clearing) | ALL      | 0<br><0-2>                                   | SYS | Select the type of the overwriting level; LOW, MEDIUM, or HIGH for deleting HDD data.<br>(This setting is enabled only when the GP-1060 is installed.)<br>0: LOW<br>1: MEDIUM<br>2: HIGH | 1         |
| 1426              | Data over-write kit | Forcible HDD data clearing                         | ALL      | -  | -   | HDD data is cleared in the procedure set in 08-1424.<br>* This setting is enabled only when the GP-1060 is installed.  | 3         |
| 1427              | Data over-write kit | Forcible NVRAM data all clearing                   | ALL      | -  | -   | When this code is performed, the equipment cannot be started up.<br>* This setting is enabled only when the GP-1060 is installed.  | 3         |
| 1428              | Data over-write kit | Forcible SRAM backup data all clearing             | ALL      | -  | -   | When this code is performed, the equipment cannot be started up.<br>* This setting is enabled only when the GP-1060 is installed.  | 3         |
| 1429              | User interface      | Margin width (Top/Bottom, Left/Right)              | ALL      | Front: 7/<br>Back: 7<br><2-100/-<br>100-100> | SYS | This setting is not reflected in "Right", even if the value less than 2 is set for "Back".   | 10        |
| 1430              | User interface      | Margin width (Bookbinding margin)                  | ALL      | 14<br><2-30>                                 | SYS |  | 1         |
| 1431              | Network             | ACC (AT_CASSETTE_CHANGE) for Printer/Box printing  | ALL      | 1<br><0-2>                                   | SYS | 0: ACC prohibited<br>1: Only in the same paper direction<br>2: In both same direction and different directions   | 1         |
| 1432              | Network             | Private-print-only mode                            | ALL      | 0<br><0-1>                                   | SYS | 0: Normal<br>1: Private-print-only mode  | 1         |

| Setting mode (08) |                |   |             |                            |     |  |           |
|-------------------|----------------|---|-------------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1435              | Network        | "Disable private and proof print save" function | ALL         | 0<br><0-1>                 | SYS | 0: Function OFF (no restriction on data saving or other operations)<br>1: Function ON (Data saving or other operations are restricted) | 1         |
| 1436              | Network        | "Disable fax save" function                     | ALL         | 0<br><0-1>                 | SYS | 0: Function OFF (no restriction on data saving or other operations)<br>1: Function ON (Data saving or other operations are restricted) | 1         |
| 1440              | Network        | IP Conflict Detect                              | ALL         | 1<br><1-2>                 | -   | OFF/ON<br>1: Valid<br>2: Invalid   | 12        |
| 1441              | Network        | SNTP Enable                                     | ALL         | 2<br><1-2>                 | -   | OFF/ON<br>1: Valid<br>2: Invalid   | 12        |
| 1442              | Network        | SNTP Polling rate                               | ALL         | 24<br><1-168>              | -   | Data obtaining interval (Unit: Hour)   | 12        |
| 1444              | Network        | Primary SNTP Address                            | ALL         | -                          | -   | SNTP server IP Address (Primary)   | 12        |
| 1445              | Network        | Secondary SNTP Address                          | ALL         | -                          | -   | SNTP server IP Address (Secondary)   | 12        |
| 1446              | Network        | Port number to SNTP                             | ALL         | 123<br><1-65535>           | -   |  | 12        |
| 1447              | Network        | IPP administrator name                          | ALL         | -                          | -   | This should be an account which can control all IPP jobs.  | 12        |
| 1448              | Network        | IPP administrator password                      | ALL         | -                          | -   | This should be the password of an account which can control all IPP jobs.  | 12        |
| 1449              | Network        | IPP authentication method                       | ALL         | 1<br><1-4>                 | -   | 1: Disabled<br>2: Basic<br>3: Digest<br>4: Basic Digest  | 12        |
| 1450              | Network        | User name for IPP authentication                | ALL         | -                          | -   | This should be the account at the time IPP authentication was performed.   | 12        |
| 1451              | Network        | Password for IPP authentication                 | ALL         | -                          | -   | This should be the password of the account at the time IPP authentication was performed.   | 12        |
| 1464              | Network        | Samba server ON/OFF setting                     | ALL         | 1<br><1-4>                 | NIC | 1: Samba enabled<br>2: Samba disabled<br>3: Print Share disabled<br>4: File Share disabled   | 12        |
| 1468              | General        | User data management limitation setting         | ALL (color) | 0<br><0-1>                 | SYS | 0: Disabled<br>1: Enabled  | 1         |

| Setting mode (08) |                |  |             |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1469              | General        | User data management limitation Setting by number of printouts     | ALL (color) | 0<br><7 digits>                  | SYS | 0-9,999,999:<br>0-9,999,999 sheets  | 1         |
| 1470              | General        | Device authentication function setting                             | ALL         | 0<br><0-1>                       | SYS | 0: OFF<br>1: ON   | 1         |
| 1471              | General        | User authentication method   | ALL         | 0<br><0-5>                       | SYS | 0: Local<br>1: NTLM (NT Domain)<br>2: LDAP<br>3: Kerberos (Active Directory)<br>4: Netware  | 1         |
| 1472              | General        | User data management automatic registration function setting       | ALL         | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled   | 1         |
| 1473              | General        | User data management limitation setting                            | ALL (black) | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled   | 1         |
| 1474              | General        | User data management limitation Setting by number of printouts     | ALL (black) | 0<br><7 digits>                  | SYS | 0-9,999,999:<br>0-9,999,999 sheets  | 1         |
| 1476              | Network        | Restriction on Address book operation by administrator             | ALL         | 0<br><0-1>                       | SYS | Some restrictions can be given on the administrator for operating the Address book.<br>0: No restriction<br>1: Can be operated only under the administrator's authorization | 1         |
| 1477              | Network        | Restriction on "To" ("cc") address                                 | ALL         | 0<br><0-3>                       | SYS | 0: No restriction<br>1: Can be set from both of the Address book and LDAP server<br>2: Can be set only from the Address book<br>3: Can be set only from the LDAP server     | 1         |
| 1478              | User interface | Display of paper size setting by installation operation of drawers | ALL         | JPN: 0<br>UC: 1<br><0-1>         | SYS | 0: Not displayed<br>1: Displayed  | 1         |
| 1479              | User interface | Default setting of sharpness                                       | ALL         | 5<br><1-9>                       | SYS | 1: -4 2: -3<br>3: -2 4: -1<br>5: 0 6: +1<br>7: +2 8: +3 9: +4   | 1         |
| 1481              | General        | User data management clearing                                      | ALL         | -                                | -   | All the user data in the database and backup files can be deleted.  | 3         |
| 1482              | General        | User data department management                                    | ALL         | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled   | 1         |
| 1483              | General        | User data recovery   | ALL         | -                                | -   | The data in the database is overwritten with the data in the backup file.   | 3         |

| Setting mode (08) |                |  |          |                                  |     |   |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1484              | Network        | Authentication method of "Scan to Email"   | ALL      | 0<br><0-2>                       | SYS | 0: Disabled<br>1: SMTP authentication<br>2: LDAP authentication   | 1         |
| 1485              | Network        | Setting whether use of the Internet FAX is permitted at the time of authentication | ALL      | 0<br><0-1>                       | SYS | 0: Not permitted<br>1: Permitted  | 1         |
| 1487              | Network        | "From" address assignment method at the time of authentication                     | ALL      | 0<br><0-2>                       | SYS | 0: User name + @ + Domain name<br>1: LDAP searching<br>2: Use the address registered at "From" field of E-mail setting  | 1         |
| 1489              | Network        | Setting for "From" address edit at "Scan to Email"                                 | ALL      | 0<br><0-1>                       | SYS | 0: Not permitted<br>1: Permitted  | 1         |
| 1491              | Network        | E-mail domain name   | ALL      | -                                | SYS | 96 + 2 (delimiter) character<br>* ASCII sequence only   | 11        |
| 1492              | Paper feeding  | Detection method of 13" LG for single-size document                                | ALL      | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled   | 1         |
| 1493              | Network        | Role Base Access Function  | ALL      | 0<br><0-1>                       | SYS | 0: Function off (No restriction on data saving and other operations)<br>1: Function on (Data saving and other operations have some restrictions)  | 1         |
| 1494              | General        | Limitation check method  | ALL      | 0<br><0-1>                       | SYS | 0: Checked at every page printed<br>1: Checked at every job printed   | 1         |
| 1495              | Maintenance    | Service call checking period setting   | ALL      | 6<br><0-12>                      | -   | 0: No checking period specified (= Calls service technician immediately)<br>0: 10 minutes<br>1: 30 minutes<br>3: 1 hour<br>4: 6 hours<br>5: 12 hours<br>6: 24 hours<br>7: 48 hours<br>8: 7 days<br>9: 1 month<br>10: 1 year<br>11: 5 years<br>12: Not limited (= Calls service technician if such error has occurred in the past even once or more) | 1         |

| Setting mode (08) |                   |  |                         |                                  |                 |   |  |   |
|-------------------|-------------------|--|-------------------------|----------------------------------|-----------------|---|--|---|
| Code              | Classification    | Items  | Function                | Default<br><Acceptable<br>value> | RAM             | Contents  | Procedure  |   |
| 1496              | General           | Operation setting for User authentication/registration | ALL                     | 1<br><0-1>                       | SYS             | 0 : Disables operation setting for User authentication/registration<br>1 : Enables operation setting for User authentication/registration | 1  |   |
| 1497              | Electronic Filing | e-Filing Access Mode (for Client)                      | ALL                     | 0<br><0-2>                       | SYS             | 0: Mode 1<br>1: Mode 2<br>2: Mode 3   | 1  |   |
| 1498              | FAX               | Inbound FAX function (Forwarding by TSI)               | FAX                     | 1<br><0-1>                       | SYS             | 0: OFF (Function disabled)<br>1: ON (Function enabled)  | 1  |   |
| 1530-0            | Counter           | Number of output pages in black mode                   | 1-UP / Duplex printing  | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of output pages printed only in the black mode.                            | 4 |
| 1530-1            |                   |  | 2-UP / Duplex printing  | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT]. | 4 |
| 1530-2            |                   |  | 2-UP / Simplex printing | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].       | 4 |
| 1530-3            |                   |  | 4-UP / Duplex printing  | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of output pages printed in the black mode using [4IN1].                    | 4 |
| 1530-4            |                   |  | 4-UP / Simplex printing | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of sheets printed in the black mode using [4IN1].                          | 4 |
| 1530-7            |                   |  | 1-UP / Simplex printing | PPC (black)                      | 0<br><8 digits> | SYS   | Counts the number of sheets printed only in the black mode.                                  | 4 |



| Setting mode (08) |                         |   |                         |   |                                  |             |   |           |
|-------------------|-------------------------|---|-------------------------|---|----------------------------------|-------------|---|-----------|
| Code              | Classification          | Items                                     |                         | Function                                  | Default<br><Acceptable<br>value> | RAM         | Contents  | Procedure |
| 1531-0            | Counter                 | Number of output pages in full color mode | 1-UP / Duplex printing  | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed only in the full color mode.                            | 4         |
| 1531-1            |                         |   | 2-UP / Duplex printing  | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT]. | 4         |
| 1531-2            |                         |   | 2-UP / Simplex printing | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].       | 4         |
| 1531-3            |                         |   | 4-UP / Duplex printing  | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the full color mode using [4IN1].                    | 4         |
| 1531-4            |                         |   | 4-UP / Simplex printing | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the full color mode using [4IN1].                          | 4         |
| 1531-7            |                         |   | 1-UP / Simplex printing | PPC (color)                               | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed only in the full color mode.                                  | 4         |
| 1532-0            |                         |   | Counter                 | Number of output pages in twin color mode | 1-UP / Duplex printing           | PPC (color) | 0<br><8 digits>   | SYS       |
| 1532-1            | 2-UP / Duplex printing  | PPC (color)                               |                         |   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the twin color mode using [2IN1] or [MAGAZINE SORT]. | 4         |
| 1532-2            | 2-UP / Simplex printing | PPC (color)                               |                         |   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the twin color mode using [2IN1] or [MAGAZINE SORT].       | 4         |
| 1532-3            | 4-UP / Duplex printing  | PPC (color)                               |                         |   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the twin color mode using [4IN1].                    | 4         |
| 1532-4            | 4-UP / Simplex printing | PPC (color)                               |                         |   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the twin color mode using [4IN1].                          | 4         |
| 1532-7            | 1-UP / Simplex printing | PPC (color)                               |                         |   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed only in the twin color mode.                                  | 4         |

| Setting mode (08) |                |   |                               |                |                                  |     |   |           |
|-------------------|----------------|---|-------------------------------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   |                               | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1533-0            | Counter        | Number of<br>output pages<br>of the printer<br>or BOX | 1-UP /<br>Duplex<br>printing  | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages printed in<br>the black mode.  | 4         |
| 1533-1            |                |   | 2-UP /<br>Duplex<br>printing  | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages printed in<br>the black mode using<br>[2IN1] or [MAGAZINE<br>SORT].<br>* When printing is<br>performed using a<br>Windows driver, the<br>1-UP image will be<br>output. | 4         |
| 1533-2            |                |   | 2-UP /<br>Simplex<br>printing | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>sheets printed in the<br>black mode using<br>[2IN1] or [MAGAZINE<br>SORT].  | 4         |
| 1533-3            |                |   | 4-UP /<br>Duplex<br>printing  | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages printed in<br>the black mode using<br>[4IN1].  | 4         |
| 1533-4            |                |   | 4-UP /<br>Simplex<br>printing | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>sheets printed in the<br>black mode using<br>[4IN1].  | 4         |
| 1533-5            |                |   | N-UP /<br>Duplex<br>printing  | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>output pages printed in<br>the black mode using<br>[N IN1].   | 4         |
| 1533-6            |                |   | N-UP /<br>Simplex<br>printing | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>sheets printed in the<br>black mode using [N<br>IN1].   | 4         |
| 1533-7            |                |   | 1-UP /<br>Simplex<br>printing | PRT<br>(black) | 0<br><8 digits>                  | SYS | Counts the number of<br>sheets printed only in<br>the black mode.   | 4         |

| Setting mode (08) |                         |   |                         |   |                                  |             |  |           |
|-------------------|-------------------------|---|-------------------------|---|----------------------------------|-------------|--|-----------|
| Code              | Classification          | Items   |                         | Function  | Default<br><Acceptable<br>value> | RAM         | Contents   | Procedure |
| 1534-0            | Counter                 | Number of output pages of the printer or BOX (Full color) | 1-UP / Duplex printing  | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed only in the full color mode.   | 4         |
| 1534-1            |                         |   | 2-UP / Duplex printing  | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT].<br>* When printing is performed using a Windows driver, the 1-UP image will be output. | 4         |
| 1534-2            |                         |   | 2-UP / Simplex printing | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].  | 4         |
| 1534-3            |                         |   | 4-UP / Duplex printing  | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the full color mode using [4IN1].   | 4         |
| 1534-4            |                         |   | 4-UP / Simplex printing | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the full color mode using [4IN1].   | 4         |
| 1534-5            |                         |   | N-UP / Duplex printing  | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the full color mode using [N IN1].  | 4         |
| 1534-6            |                         |   | N-UP / Simplex printing | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the full color mode using [N IN1].  | 4         |
| 1534-7            |                         |   | 1-UP / Simplex printing | PRT (color)   | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed only in the full color mode.   | 4         |
| 1535-0            |                         |   | Counter                 | Number of output pages of the FAX printing (1-UP / Duplex printing) | 1-UP / Duplex printing           | FAX (black) | 0<br><8 digits>  | SYS       |
| 1535-7            | 1-UP / Simplex printing | FAX (black)   |                         |   | 0<br><8 digits>                  | SYS         | 4  |           |
| 1661              | Wireless LAN            | Wireless LAN driver SSID                                  |                         | ALL   | -                                | -           | Maximum 32 letters   | 12        |
| 1662              | Wireless LAN            | Wireless LAN driver Network type                          |                         | ALL   | 1<br><1-2>                       | -           | 1: Infrared wireless LAN<br>2: Ad-hoc network  | 12        |
| 1663              | Wireless LAN            | Wireless LAN driver Security                              |                         | ALL   | 4<br><1-7>                       | -           | 1: 802.1x 2: WPA-PSK<br>3: WEP 4: NONE<br>5: WPA 6: WPA2<br>7: WPA2PSK   | 12        |
| 1664              | Wireless LAN            | Wireless LAN driver Encryption system                     |                         | ALL   | 1<br><1-3>                       | -           | 1: TKIP 2: AES<br>3: Dynamic WEP   | 12        |
| 1665              | Wireless LAN            | Wireless LAN driver Transmission output power             |                         | ALL   | 1<br><1-5>                       | -           | 1: 100% 2: 50%<br>3: 25% 4: 12.5%<br>5: min  | 12        |

| Setting mode (08) |                |  |          |                                  |     |   |                                |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|--------------------------------|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  |                                | Procedure |
| 1666              | Wireless LAN   | Wireless LAN driver Transmission rate                                  | ALL      | 1<br><1-2>                       | -   | 1: Auto   | 2: Manual                      | 12        |
| 1667              | Wireless LAN   | Wireless LAN driver Transmission rate value                            | ALL      | 1<br><1-12>                      | -   | 1: 1<br>3: 5.5<br>5: 6<br>7: 12<br>9: 24<br>10: 36<br>11: 48<br>12: 54  | 2: 2<br>4: 11<br>6: 9<br>8: 18 | 12        |
| 1668              | Wireless LAN   | Wireless LAN driver Operation channel                                  | ALL      | 1<br><1-2>                       | -   | 1: Auto   | 2: Manual                      | 12        |
| 1669              | Wireless LAN   | Wireless LAN driver Operation channel value                            | ALL      | 1<br><1-11>                      | -   |   |                                | 12        |
| 1670              | Wireless LAN   | Wireless LAN driver WEP bit number                                     | ALL      | 1<br><1-3>                       | -   | 1: 64<br>3: 152   | 2: 128                         | 12        |
| 1671              | Wireless LAN   | Wireless LAN driver WEP key entry system                               | ALL      | 2<br><1-2>                       | -   | 1: Hex  | 2: ASCII                       | 12        |
| 1672              | Wireless LAN   | Wireless LAN driver WEP key value                                      | ALL      | -                                | -   | Maximum 32 letters  |                                | 12        |
| 1673              | Wireless LAN   | Wireless LAN driver WPA-PSK passphrase                                 | ALL      | -                                | -   | Maximum 64 letters  |                                | 12        |
| 1674              | Wireless LAN   | Wireless LAN driver Sleep mode setting                                 | ALL      | 1<br><1-3>                       | -   | 1: Off<br>3: Normal   | 2: Max                         | 12        |
| 1675              | Wireless LAN   | Wireless LAN driver Slot-time limitation                               | ALL      | 1<br><1-2>                       | -   | 1: Long   | 2: Short                       | 12        |
| 1676              | Wireless LAN   | Wireless LAN driver Number of times of software retry                  | ALL      | 5<br><0-1000>                    | -   |   |                                | 12        |
| 1677              | Wireless LAN   | Wireless LAN driver Preamble   | ALL      | 1<br><1-2>                       | -   | 1: Long   | 2: Longshort                   | 12        |
| 1678              | Wireless LAN   | Wireless LAN driver Operation mode                                     | ALL      | 1<br><1-3>                       | -   | 1: All<br>3: 11g  | 2: 11b                         | 12        |
| 1679              | Wireless LAN   | Wireless LAN supplicant Wireless LAN setting                           | ALL      | 1<br><1-3>                       | -   | This setting is whether the wireless LAN connection is enabled or disabled.<br>1: Unset 2: Enabled<br>3: Disabled |                                | 12        |
| 1681              | Wireless LAN   | Wireless LAN supplicant Path name for client certificate               | ALL      | -                                | -   | This should be the path name in full where the client certificate is located.<br>(Maximum 255 letters)            |                                | 12        |
| 1682              | Wireless LAN   | Wireless LAN supplicant Path name for secret key of client certificate | ALL      | -                                | -   | This should be the path name in full where the client certificate is located.<br>(Maximum 255 letters)            |                                | 12        |
| 1684              | Wireless LAN   | Wireless LAN supplicant Path name for CA self-certificate              | ALL      | -                                | -   | This should be the path name in full where the CA self-certificate is located.<br>(Maximum 255 letters)           |                                | 12        |
| 1685              | Wireless LAN   | Wireless LAN supplicant EAP user name                                  | ALL      | -                                | -   | This should be the user name when the EAP-TLS is used.  |                                | 12        |

| Setting mode (08) |                |   |          |                            |     |   |           |
|-------------------|----------------|---|----------|----------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents  | Procedure |
| 1686              | Wireless LAN   | Wireless LAN supplicant EAP user name                                   | ALL      | -                          | -   | This should be the user name when the PEAP is used.   | 12        |
| 1689              | Wireless LAN   | Wireless LAN supplicant Authentication interval                         | ALL      | 30 <30-65535>              | -   | This should be the time-out interval between EAP responses.<br>30: 30 seconds   | 12        |
| 1690              | Wireless LAN   | Wireless LAN supplicant Holding interval                                | ALL      | 60 <60-65535>              | M   | The EAP authentication will start after having been waited in this period when an EAP failure was received.<br>60: 60 seconds   | 12        |
| 1691              | Wireless LAN   | Wireless LAN supplicant EAPOL-Start Number of times of packet retry     | ALL      | 3 <1-65535>                | M   | When an EAPOL-Start packet has been sent and the request ID cannot be received, this EAPOL-Start packet will be re-sent for the number of times set in this code.<br>3: 3 times | 12        |
| 1692              | Wireless LAN   | Wireless LAN supplicant Session resume                                  | ALL      | 2 <1-2>                    | -   | This setting is whether the pre-master key should be updated or not upon a TLS re-negotiation.<br>1: Session is resumed<br>2: Session is not resumed                            | 12        |
| 1693              | Wireless LAN   | Wireless LAN supplicant MAC Frame size                                  | ALL      | 1398 <1-1398>              | -   | This is a MAC frame size used in the wireless LAN connection. The data is fragmented into this size.<br>1398: 1398 bytes  | 12        |
| 1696              | Wireless LAN   | Wireless LAN supplicant Device file setting for obtaining random number | ALL      | /dev/urandom               | -   | This should be the device file name which can obtain a seed to initialize the WEP PRNG for xsupplicant.<br>(Maximum 255 letters)  | 12        |
| 1697              | Wireless LAN   | Wireless LAN supplicant CRL directory designation                       | ALL      | -                          | -   | This should be the path name of the directory in full where the CRL file is located.<br>(Maximum 255 letters)   | 12        |
| 1699              | Wireless LAN   | Wireless LAN supplicant EAP authentication type                         | ALL      | 1 <1-3>                    | -   | This setting is for the EAP authentication type which xsupplicant can authenticate.<br>1: EAP-TLS 2: PEAP<br>3: EAP-TLS and PEAP  | 12        |
| 1700              | Wireless LAN   | Wireless LAN supplicant CN name   | ALL      | -                          | -   | This should be an authentication server name (basically a domain name in full).<br>(Maximum 255 letters)  | 12        |

| Setting mode (08) |                |   |          |                                  |     |  |           |
|-------------------|----------------|---|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1701              | Wireless LAN   | Wireless LAN supplicant CN name check                                   | ALL      | 1<br><1-2>                       | -   | 1: NO 2: YES   | 12        |
| 1704              | Wireless LAN   | Wireless LAN supplicant Update interval of PTK (Pairwise Transient Key) | ALL      | 0<br><0-720>                     | -   | The update interval of a secret key across AP (Access Point) and STA (Station) can be set. This interval is for updating the secret key from STA.<br>0: Not updated<br>1-720: 1-720 minutes of interval                      | 12        |
| 1705              | Wireless LAN   | Wireless LAN supplicant Strict packet check                             | ALL      | 1<br><1-2>                       | -   | The Ack bit and request bit of EAPOL-Key is checked.<br>1: Not checked<br>2: Checked   | 12        |
| 1706              | Wireless LAN   | Wireless LAN supplicant Priority change at 4-way handshake              | ALL      | 1<br><1-2>                       | -   | A higher priority is given to the xsupplicant task when a 4-way handshake is started.<br>1: Priority not changed<br>2: Priority changed  | 12        |
| 1707              | Wireless LAN   | Wireless LAN supplicant Security level                                  | ALL      | 1<br><1-3>                       | -   | The encryption capability output in TLS clientHello message can be selected.<br>1: LOW 2: MIDDLE<br>3: HIGH  | 12        |
| 1708              |                | Selectable security level (EAP-TLS)                                     | ALL      | 1<br><1-3>                       | -   | These are the security level which can be selected from the user interface. This setting is not applied in case of PEAP. ("LOW" and "MIDDLE" is mandatory for PEAP)<br>1: LOW + MIDDLE + HIGH<br>2: MIDDLE + HIGH<br>3: HIGH | 12        |
| 1710              | Bluetooth      | Bluetooth ON/OFF setting  | ALL      | 1<br><0-1>                       | SYS | 0: OFF<br>1: ON  | 1         |
| 1711              | Bluetooth      | Bluetooth Device name   | ALL      | MFP                              | SYS | Maximum 32 letters   | 11        |
| 1712              | Bluetooth      | Bluetooth Discovery   | ALL      | 1<br><0-1>                       | SYS | 0: Not allowed<br>1: Allowed   | 1         |
| 1713              | Bluetooth      | Bluetooth Security  | ALL      | 1<br><0-1>                       | SYS | 0: Security function OFF<br>1: Security function ON  | 1         |
| 1714              | Bluetooth      | Bluetooth PIN   | ALL      | 0000                             | SYS | Maximum 8 digits (8-digit sequence)<br>This setting is valid only when the bluetooth security function is ON.  | 11        |

| Setting mode (08) |                |   |          |                            |     |  |           |
|-------------------|----------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1715              | Bluetooth      | Bluetooth Data encryption                         | ALL      | 1 <0-1>                    | SYS | 0: Not encrypted<br>1: Encrypted<br>This setting is valid only when the bluetooth security function is ON. | 1         |
| 1719              | Bluetooth      | Bluetooth BIP Paper type                          | ALL      | 0 <0-3>                    | SYS | 0: Fit page<br>1: 1/2 size<br>2: 1/4 size<br>3: 1/8 size   | 1         |
| 1720              | Network        | IP address range for IP filter (Minimum area 1)   | ALL      | -                          | -   | IP filter minimum area 1<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1721              | Network        | IP address range for IP filter (Maximum area 1)   | ALL      | -                          | -   | IP filter maximum area 1<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1722              | Network        | IP address range for IP filter I (Minimum area 2) | ALL      | -                          | -   | IP filter minimum area 2<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1723              | Network        | IP address range for IP filter (Maximum area 2)   | ALL      | -                          | -   | IP filter maximum area 2<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1724              | Network        | IP address range for IP filter (Minimum area 3)   | ALL      | -                          | -   | IP filter minimum area 3<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1725              | Network        | IP address range for IP filter (Maximum area 3)   | ALL      | -                          | -   | IP filter maximum area 3<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1726              | Network        | IP address range for IP filter (Minimum area 4)   | ALL      | -                          | -   | IP filter minimum area 4<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1727              | Network        | IP address range for IP filter (Maximum area 4)   | ALL      | -                          | -   | IP filter maximum area 4<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |
| 1728              | Network        | IP address range for IP filter (Minimum area 5)   | ALL      | -                          | -   | IP filter minimum area 5<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)            | 12        |

| Setting mode (08) |                |  |          |                            |     |  |           |
|-------------------|----------------|--|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1729              | Network        | IP address range for IP filter (Maximum area 5)  | ALL      | -                          | -   | IP filter maximum area 5<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1730              | Network        | IP address range for IP filter (Minimum area 6)  | ALL      | -                          | -   | IP filter minimum area 6<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1731              | Network        | IP address range for IP filter (Maximum area 6)  | ALL      | -                          | -   | IP filter maximum area 6<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1732              | Network        | IP address range for IP filter (Minimum area 7)  | ALL      | -                          | -   | IP filter minimum area 7<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1733              | Network        | IP address range for IP filter (Maximum area 7)  | ALL      | -                          | -   | IP filter maximum area 7<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1734              | Network        | IP address range for IP filter (Minimum area 8)  | ALL      | -                          | -   | IP filter minimum area 8<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1735              | Network        | IP address range for IP filter (Maximum area 8)  | ALL      | -                          | -   | IP filter maximum area 8<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1736              | Network        | IP address range for IP filter (Minimum area 9)  | ALL      | -                          | -   | IP filter minimum area 9<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1737              | Network        | IP address range for IP filter (Maximum area 9)  | ALL      | -                          | -   | IP filter maximum area 9<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)  | 12        |
| 1738              | Network        | IP address range for IP filter (Minimum area 10) | ALL      | -                          | -   | IP filter minimum area 10<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000) | 12        |



| Setting mode (08) |                |   |          |                            |     |  |           |
|-------------------|----------------|---|----------|----------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1739              | Network        | IP address range for IP filter<br>(Maximum area 10) | ALL      | -                          | -   | IP filter maximum area 10<br>000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)   | 12        |
| 1740              | Network        | SSL setting<br>SSL ftp server OFF/ON                | ALL      | 2<br><1-2>                 | -   | 1: Enabled<br>2: Disabled  | 12        |
| 1741              | Network        | SSL setting<br>HTTP server port number              | ALL      | 10443<br><1-65535>         | -   | SSL HTTP server port number  | 12        |
| 1742              | Network        | SSL setting<br>IPP server OFF/ON setting            | ALL      | 2<br><1-2>                 | -   | 1: Enabled<br>2: Disabled  | 12        |
| 1743              | Network        | SSL setting<br>IPP server port number               | ALL      | 443<br><1-65535>           | -   | SSL IPP server port number   | 12        |
| 1744              | Network        | SSL setting<br>SSL ftp server OFF/ON                | ALL      | 2<br><1-2>                 | -   | OFF/ON<br>1: Valid<br>2: Invalid   | 12        |
| 1745              | Network        | SSL setting<br>SSL ftp server Port                  | ALL      | 990<br><1-65535>           | -   | Port number to FTP Server  | 12        |
| 1746              | Network        | SSL setting<br>SSL LDAP Client OFF/ON               | ALL      | 2<br><1-3>                 | -   | OFF/ON<br>1: Valid<br>2: Invalid<br>3: Use imported certificate  | 12        |
| 1747              | Network        | SSL setting<br>SSL LDAP Client Port                 | ALL      | 636<br><1-65535>           | -   | Port number to LDAP Server   | 12        |
| 1748              | Network        | SSL setting<br>SSL POP3 Client OFF/ON               | ALL      | 2<br><1-3>                 | -   | OFF/ON<br>1: Valid<br>2: Invalid<br>3: Use imported certificate  | 12        |
| 1749              | Network        | SSL setting<br>SSL POP3 Client Port                 | ALL      | 995<br><1-65535>           | -   | Port number to POP3 Server   | 12        |
| 1750              | Network        | SSL setting<br>SSL SMTP Client OFF/ON               | ALL      | 2<br><2-6>                 | -   | 2: Invalid<br>3: Accept all certificates of SMTP with TLS (STARTTLS) server<br>4: Accept all certificates of SMTPS (SMTP OverSSL) server<br>5: Use imported certificates of SMTP with TLS (STARTTLS) server<br>6: Use imported certificates of SMTPS (SMTP OverSSL) server | 12        |
| 1751              | Network        | SSL setting<br>SSL SMTP Client Port                 | ALL      | 465<br><1-65535>           | -   | Port number to SMTP Server   | 12        |

| Setting mode (08) |                |  |          |                                  |     |   |           |
|-------------------|----------------|--|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1755              | Network        | Enabling server's IP address acquired by DHCP                      | ALL      | 2<br><1-2>                       | -   | Domain Name Server option (6)<br>1: Enabled<br>2: Disabled<br>* This value is used only when DHCP is enabled.   | 12        |
| 1756              | Network        | Enabling server's IP address acquired by DHCP                      | ALL      | 2<br><1-2>                       | -   | NetBIOS over TCP/IP Name Server option (44) = Primary and Secondary Wins NAME<br>1: Enabled<br>2: Disabled<br>* This value is used only when DHCP is enabled. | 12        |
| 1757              | Network        | Enabling server's IP address acquired by DHCP                      | ALL      | 1<br><1-2>                       | -   | The Host Name Vendor Extension option (12)<br>1: Enabled<br>2: Disabled<br>This value is used only when DHCP is enabled.                                      | 12        |
| 1762              | Network        | Enabling server's IP address acquired by DHCP                      | ALL      | 2<br><1-2>                       | -   | SNTP Server Option (42) NTP Server Address<br>1: Enabled<br>2: Disabled<br>* This value is used only when DHCP is enabled.                                    | 12        |
| 1764              | Wireless LAN   | Wireless LAN supplicant Control sequence setting of "Cipher Suite" | ALL      | -                                | -   | Maximum 255 letters   | 12        |
| 1765              | Wireless LAN   | Wireless LAN supplicant Path name for user certificate             | ALL      | -                                | -   | Maximum 63 letters  | 12        |
| 1766              | Wireless LAN   | Wireless LAN supplicant Path name entered for CA self-certificate  | ALL      | -                                | -   | Maximum 63 letters  | 12        |
| 1767              | Network        | Enabling server's IP address acquired by DHCP                      | ALL      | 2<br><1-2>                       | SYS | DNS domain name Option (15) DNS domain name of the client<br>1: Enabled<br>2: Disabled<br>* This value is used only when DHCP is enabled.                     | 12        |
| 1768              | Network        | Previous IP address  | ALL      | -                                | -   | 000.000.000.000-255.255.255.255<br>(Default value: 000.000.000.000)   | 12        |

| Setting mode (08) |                |   |                    |          |                                  |     |   |           |
|-------------------|----------------|---|--------------------|----------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   |                    | Function | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1778              | General        | Hang-up period of control panel at the 3rd misentry of administrator's password |                    | ALL      | 1<br><0-7>                       | SYS | 0: No hang-up<br>1: 0.5 minutes (= 30 seconds)<br>2: 1 minute<br>3: 3 minutes<br>4: 5 minutes<br>5: 10 minutes<br>6: 15 minutes<br>7: 30 minutes  | 1         |
| 1779              | Network        | Default data saving directory of "Scan to File"                                 |                    | ALL      | 0<br><0-2>                       | SYS | 0: Local directory<br>1: REMOTE 1<br>2: REMOTE 2  | 1         |
| 1781-0            | Network        | Notification of scan job  | When job completed | ALL      | 0<br><0-1>                       | SYS | Sets the notification method of scan job completion.<br>0: Invalid<br>1: Valid  | 4         |
| 1781-1            |                |   | On error           | ALL      | 0<br><0-1>                       | SYS |   | 4         |
| 1782              | Network        | File name format of "Save as file" and Email transmission                       |                    | ALL      | 0<br><0-6>                       | SYS | Sets the naming method of the file of "Save as file" and Email transmission.<br>0: [FileName]-[Data]-[Page]<br>1: [FileName]-[Page]-[Data]<br>2: [Data]-[FileName]-[Page]<br>3: [Data]-[Page]-[FileName]<br>4: [Page]-[FileName]-[Data]<br>5: [Page]-[Data]-[FileName]<br>6: [HostName]_[Data]-[Page]   | 1         |
| 1783              | Network        | Date display format of the file name of "Save as file" and Email transmission   |                    | ALL      | 0<br><0-5>                       | SYS | Sets the data display format of the file of "Save as file" and Email transmission.<br>0: [YYYY][MM][DD][HH][mm][SS]<br>1: [YY][MM][DD][HH][mm][SS]<br>2: [YYYY][MM][DD]<br>3: [YY][MM][DD]<br>4: [HH][mm][SS]<br>5: [YYYY][MM][DD][HH][mm][SS][mm0]<br><br>The order of [YY], [MM] and [DD] varies depending on the setting of the code 08-640 (Data display format). | 1         |

| Setting mode (08) |                  |   |                          |             |                            |     |  |           |
|-------------------|------------------|---|--------------------------|-------------|----------------------------|-----|--|-----------|
| Code              | Classification   | Items   |                          | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 1784              | Network          | Single page data saving directory at "Save as file"                             |                          | ALL         | 0<br><0-1>                 | SYS | Sets the directory where the file of "Save as file" is saved.<br>0: Save it under a subfolder<br>1: Save it without creating a subfolder | 1         |
| 1785              | Network          | Page number display format of the file of "Save as file" and Email transmission |                          | ALL         | 4<br><3-6>                 | SYS | Sets the digit of a page number attached on the file.<br>3-6: 3-6 digits   | 1         |
| 1786              | Network          | Extension (suffix) format of the file of "Save as file"                         |                          | ALL         | 3<br><3-6>                 | SYS | Sets the extension digits of the file to be saved.<br>3: Auto<br>4: 4 digits<br>5: 5 digits<br>6: 6 digits                               | 1         |
| 1800-0            | Image processing | Color toner forced supply time setting  | Y                        | ALL (color) | 70<br><0-255>              | M   | Sets the motor driving time of the developer unit at the time of the color toner forced supply.<br>0-255: Setting value x 0.1 seconds    | 4         |
| 1800-1            |                  |   | M                        | ALL (color) | 70<br><0-255>              | M   |  | 4         |
| 1800-2            |                  |   | C                        | ALL (color) | 70<br><0-255>              | M   |  | 4         |
| 1801              | Image processing | Color toner forced supply count setting   |                          | ALL (color) | 7<br><1-10>                | M   | Sets the number of times of the color toner forced supply.   | 1         |
| 1802-0            | Image processing | Start up setting of the developer material stabilizing mode.                    | Level                    | ALL         | 3<br><2-8>                 | M   | Sets the performing level of the developer material stabilizing operation.   | 4         |
| 1802-1            |                  |   | Pattern interval         | ALL         | 50<br><0-100>              | M   | Set the interval time between performances of developer material stabilizing operation.  | 4         |
| 1802-2            |                  |   | Number of repeating time | ALL         | 10<br><0-20>               | M   | Set the number of repeating times of the developer material stabilizing operation.   | 4         |
| 1911              | Finisher         | Manual stapling time-out period   |                          | ALL         | 15<br><3-30>               | M   | 3-30sec.<br>(In increments of 1sec.)   | 1         |
| 1912              | Finisher         | Finisher model switching setting value  |                          | ALL         | 0<br><0-1>                 | M   | 0: MJ-1023<br>1: MJ-1101   | 1         |
| 1913              | General          | Page number addition on multipage file names of "File/Email"                    |                          | ALL         | 0<br><0-1>                 | SYS |  | 1         |
| 1914              | General          | Maximum number of decimals in extension fields                                  |                          | ALL         | 2<br><0-255>               | SYS |  | 1         |
| 1915              | Network          | Filing size for Network scanning function                                       |                          | ALL         | 0<br><0-1>                 | SYS | 0: Eliminates 2 mm from circumference (Void: 2 mm)<br>1: No space eliminated (Void: 0 mm)  | 1         |
| 1916              | General          | Default saving/attachment files of "File/Email"                                 |                          | ALL         | 0<br><0-1>                 | SYS |  | 1         |

| Setting mode (08) |                |   |          |                                    |     |  |           |
|-------------------|----------------|---|----------|------------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default <Acceptable value>         | RAM | Contents   | Procedure |
| 1920              | Network        | Device domain name of device authentication                         | ALL      | -                                  | UTY | Maximum 128 letters  | 12        |
| 1921              | Network        | Windows domain No. 2 of user authentication                         | ALL      | -                                  | UTY | Maximum 128 letters  | 12        |
| 1922              | Network        | Windows domain No. 3 of user authentication                         | ALL      | -                                  | UTY | Maximum 128 letters  | 12        |
| 1923              | Network        | LDAP authentication Server type                                     | ALL      | 1 <1-2>                            | NIC | 1: Windows Server<br>2: Not Windows Server   | 12        |
| 1924              | Network        | LDAP authentication User attribute                                  | ALL      | -                                  | NIC | Sets a user attribute name.  | 12        |
| 1925              | Network        | Execution of user authentication when the user ID is not entered    | ALL      | 2 <0-2>                            | SYS | 0: Forcible execution<br>1: Execution impossible (pooled in the invalid queue)<br>2: Forcible deletion   | 1         |
| 1926              | FAX            | Tab/cover sheet printing at FAX reception<br>Printing stop function | ALL      | 0 <0-1>                            | SYS | Sets on or off of the printing function of special sheets such as tab or cover sheet of FAX, Email or list print.<br>0: Function off<br>1: Function on | 1         |
| 1928              | Network        | Role Based Access LDAP search index                                 | ALL      | 0 <0-4294967295>                   | SYS |  | 5         |
| 1929              | User interface | Key arrangement for language 1                                      | ALL      | 0 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1930              | User interface | Key arrangement for language 2                                      | ALL      | 1 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1931              | User interface | Key arrangement for language 3                                      | ALL      | EUR: 2<br>UC: 0<br>JPN: 0<br><0-2> | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1932              | User interface | Key arrangement for language 4                                      | ALL      | 0 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1933              | User interface | Key arrangement for language 5                                      | ALL      | 0 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1934              | User interface | Key arrangement for language 6                                      | ALL      | 0 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |
| 1935              | User interface | Key arrangement for language 7                                      | ALL      | 0 <0-2>                            | SYS | 0: QWERTY layout (for EUR)<br>1: QWERTZ layout<br>2: AZERTY layout   | 1         |

| Setting mode (08) |                |   |          |                                     |     |  |           |
|-------------------|----------------|---|----------|-------------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value>    | RAM | Contents   | Procedure |
| 1936              | Network        | AppleTalk device name   | ALL      | MFP-<br>serial                      | UTY | Maximum 32 letters<br>The Network-related<br>serial number of the<br>equipment appears at<br>"serial".   | 12        |
| 1937              | Network        | User name and password<br>at user authentication or<br>"Save as file" | ALL      | 0<br><0-2>                          | SYS | 0: User name and<br>password of the<br>device<br>1: User name and<br>password at the<br>user authentication<br>(Template registra-<br>tion information<br>comes first when a<br>template is<br>retrieved.)<br>2: User name and<br>password at the<br>user authentication<br>(User information of<br>the authentication<br>comes first when a<br>template is<br>retrieved.)   | 1         |
| 1938              | General        | Reformatting process due<br>to a version change of SYS<br>ROM         | ALL      | -<br><0-2>                          | -   | Use this setting to reformat<br>the specific parti-<br>tion whose file system<br>has been changed in<br>Ver.2, at the version up/<br>downgrade of the SYS<br>ROM.<br>No reformatting pro-<br>cess shall be used in<br>any cases other than<br>this version change.<br>0: Waiting (No refor-<br>mating)<br>1: dosFs to catFs (Ver-<br>sion upgrade from<br>Ver.1 to Ver.2 or<br>later)<br>2: catFs to dosFs (Ver-<br>sion downgrade<br>from Ver.2 or later to<br>Ver.1) | 7         |
| 1941              | Blue-<br>tooth | Bluetooth<br>BIP Paper size   | ALL      | EUR: 6<br>UC: 2<br>JPN: 6<br><0-13> | SYS | 0: Ledger 1: Legal<br>2: Letter 3: Computer<br>4: Statement 5: A3<br>6: A4 7: A5<br>8: A6 9: B4<br>10: B5 11: Folio<br>12: Legal13"<br>13: LetterSquare  |           |
| 1950              | Network        | SMB signature for SMB<br>server                                       | ALL      | 1<br><0-3>                          | UTY | 1: Auto<br>2: Valid<br>3: Invalid  | 12        |
| 1951              | Network        | SMB signature for SMB cli-<br>ent                                     | ALL      | 1<br><0-3>                          | UTY | 1: Auto<br>2: Valid<br>3: Invalid  | 12        |

| Setting mode (08) |                |   |          |                                  |     |  |           |
|-------------------|----------------|---|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1952              | Network        | Device name for device authentication                       | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1953              | Network        | Password for the device name used for device authentication | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1954              | Network        | PDC2 of user authentication                                 | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1955              | Network        | BDC2 of user authentication                                 | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1956              | Network        | PDC3 of user authentication                                 | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1957              | Network        | BDC3 of user authentication                                 | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1958              | Network        | PDC of device authentication                                | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1959              | Network        | BDC of device authentication                                | ALL      | -                                | UTY | Maximum 128 letters  | 12        |
| 1960              | General        | KS Filter operation mode                                    | ALL      | 0<br><0-1>                       | SYS | 0: Disabled<br>1: Enabled  | 1         |
| 1961              | General        | KS/KSSM setting all clearing                                | ALL      | -                                | -   | Does not reset the value of the code 08-1960 but resets those of the codes 08-1963 to 1994.  | 3         |
| 1963              | General        | KS Filter Emulation Mode                                    | ALL      | 0<br><0-2>                       | SYS | 0: Auto<br>1: KS<br>2: KSSM  | 1         |
| 1964              | General        | KS Filter Paper Size  | ALL      | 1<br><0-5>                       | SYS | 0: A3<br>1: A4<br>2: B4<br>3: B5<br>4: Letter<br>5: Legal  | 1         |
| 1965              | General        | KS Filter Orientation                                       | ALL      | 0<br><0-1>                       | SYS | 0: Portrait<br>1: Landscape  | 1         |
| 1966              | General        | KS Filter Copies  | ALL      | 1<br><1-999>                     | SYS |  | 1         |
| 1967              | General        | KS Paper Source   | ALL      | 0<br><0-1>                       | SYS |  | 1         |
| 1968              | General        | KS Duplex Mode  | ALL      | 0<br><0-2>                       | SYS |  | 1         |
| 1970              | General        | KS CPI (English CPI/<br>Hangle CPI)                         | ALL      | 1<br><0-10>                      | SYS | 0: (5/10)<br>1: (6/12)<br>2: (6.7/13.3)<br>3: (6.9/13.8)<br>4: (7.5/15)<br>5: (8.3/16.7)<br>6: (9/18)<br>7: (10/10)<br>8: (10/20)<br>9: (12/24)<br>10: (15/30) | 1         |
| 1971              | General        | KS LPI  | ALL      | 60<br><30-160>                   | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "45" for a font size 4.5.)  | 1         |

| Setting mode (08) |                |                                       |          |                                  |     |  |           |
|-------------------|----------------|---------------------------------------|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items                                 | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1972              | General        | KS Type Face                          | ALL      | 0<br><0-5>                       | SYS | 0: MYUNGJO<br>1: GOTHIC<br>2: GUNGSEO<br>3: GULLIM<br>4: GRAPH<br>5: SAMMUL  | 1         |
| 1973              | General        | KS Font Size                          | ALL      | 96<br><96-160>                   | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "100" for a font size 10.0.)  | 1         |
| 1974              | General        | KS Zoom                               | ALL      | 100<br><20-400>                  | SYS |  | 1         |
| 1975              | General        | KS CR/LF Mode                         | ALL      | 2<br><0-3>                       | SYS | 0: CR->CR,<br>LF->LF<br>1: CR->CR+LF,<br>LF->LF<br>2: CR->CR,<br>LF->CR+LF<br>3: CR->CR+LF,<br>LF->CR+LF   | 1         |
| 1976              | General        | KS Top Margin                         | ALL      | 0<br><0-50>                      | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "40" for a font size 4.0.)  | 1         |
| 1977              | General        | KS Left Margin                        | ALL      | 0<br><0-50>                      | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "40" for a font size 4.0.)  | 1         |
| 1978              | General        | KS Auto Wrap                          | ALL      | 0<br><0-1>                       | SYS | 0: OFF<br>1: ON  | 1         |
| 1979              | General        | KS Han Mode                           | ALL      | 1<br><0-1>                       | SYS | 0: OFF<br>1: ON  | 1         |
| 1980              | General        | KS Han Code                           | ALL      | 0<br><0-1>                       | SYS | 0: Wansung<br>1: Johap   | 1         |
| 1984              | General        | KSSM CPI<br>(English CPI/ Hangle CPI) | ALL      | 1<br><0-10>                      | SYS | 0: (5/10)<br>1: (6/12)<br>2: (6.7/13.3)<br>3: (6.9/13.8)<br>4: (7.5/15)<br>5: (8.3/16.7)<br>6: (9/18)<br>7: (10/10)<br>8: (10/20)<br>9: (12/24)<br>10: (15/30) | 1         |
| 1985              | General        | KSSM LPI                              | ALL      | 60<br><30-160>                   | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "45" for a font size 4.5.)  | 1         |



| Setting mode (08) |                |   |          |                                  |     |  |           |
|-------------------|----------------|---|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1986              | General        | KSSM Type Face  | ALL      | 0<br><0-5>                       | SYS | 0: MYUNGJO<br>1: GOTHIC<br>2: GUNGSEO<br>3: GULLIM<br>4: GRAPH<br>5: SAMMUL                              | 1         |
| 1987              | General        | KSSM Font Size  | ALL      | 96<br><96-160>                   | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "100" for a font size 10.0.)        | 1         |
| 1988              | General        | KSSM Zoom   | ALL      | 100<br><20-400>                  | SYS |  | 1         |
| 1989              | General        | KSSM CR/LF Mode   | ALL      | 2<br><0-3>                       | SYS | 0: CR->CR,<br>LF->LF<br>1: CR->CR+LF,<br>LF->LF<br>2: CR->CR,<br>LF->CR+LF<br>3: CR->CR+LF,<br>LF->CR+LF | 1         |
| 1990              | General        | KSSM Top Margin   | ALL      | 0<br><0-50>                      | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "40" for a font size 4.0.)          | 1         |
| 1991              | General        | KSSM Left Margin  | ALL      | 0<br><0-50>                      | SYS | Key in the value 10 times as the desired font size.<br>(e.g.: Key in "40" for a font size 4.0.)          | 1         |
| 1992              | General        | KSSM Auto Wrap  | ALL      | 0<br><0-1>                       | SYS | 0: OFF<br>1: ON  | 1         |
| 1993              | General        | KSSM Han Mode   | ALL      | 1<br><0-1>                       | SYS | 0: OFF<br>1: ON  | 1         |
| 1994              | General        | KSSM Han Code   | ALL      | 0<br><0-1>                       | SYS | 0: Wansung<br>1: Johap   | 1         |
| 3722              | Network        | Device authentication PDC/BDC time-out period (Unit: Seconds) | ALL      | 60<br><1-180>                    | NIC | Applied to the device authentication   | 12        |
| 3723              | Network        | User authentication PDC/BDC time-out period (Unit: Seconds)   | ALL      | 30<br><1-180>                    | NIC | Applied to the user authentication   | 12        |
| 3724              | Network        | Windows domain authentication of device/user authentication   | ALL      | 1<br><1-3>                       | NIC | 1: Auto<br>2: Kerberos<br>3: NTLMv2  | 12        |
| 3725              | Network        | IPP max connection  | ALL      | 16<br><1-16>                     | NIC |  | 12        |
| 3726              | Network        | IPP active connection   | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3727              | Network        | LPD max connection  | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3728              | Network        | LPD active connection   | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3729              | Network        | ATalk PS max Connection                                       | ALL      | 10<br><1-16>                     | NIC |  | 12        |

| Setting mode (08) |                |                            |          |                                  |     |  |           |
|-------------------|----------------|----------------------------|----------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items                      | Function | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 3730              | Network        | ATalk PS active Connection | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3731              | Network        | Raw TCP max connection     | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3732              | Network        | Raw TCP active connection  | ALL      | 10<br><1-16>                     | NIC |  | 12        |
| 3736              | Network        | DNS Client Time Out        | ALL      | 60<br><1-180>                    | NIC | Use when a timeout occurred at DNS client connection                                 | 12        |
| 3737              | Network        | DDNS Client Time Out       | ALL      | 60<br><1-180>                    | NIC | Use when a timeout occurred at DDNS client connection                                | 12        |
| 3738              | Network        | HTTP Client Time Out       | ALL      | 60<br><1-180>                    | NIC | Use when a timeout occurred at HTTP client connection                                | 12        |
| 3739              | Network        | FTP Client Time Out (SCAN) | ALL      | 30<br><1-180>                    | NIC | Use when a timeout occurred at FTP client connection                                 | 12        |
| 3740              | Network        | SNTP Client Time Out       | ALL      | 30<br><1-180>                    | NIC | Use when a timeout occurred at SNTP client connection                                | 12        |
| 3741              | Network        | SMTP Client Time Out       | ALL      | 30<br><1-180>                    | NIC | Use when a timeout occurred at SMTP client connection                                | 12        |
| 3742              | Network        | POP3 Client Time Out       | ALL      | 30<br><1-180>                    | NIC | Use when a timeout occurred at POP3 client connection                                | 12        |
| 3743              | Network        | LDAP Client Time Out       | ALL      | 30<br><1-180>                    | NIC | Use when a timeout occurred at LDAP client connection                                | 12        |
| 3744              | Network        | POP3 Authentication method | ALL      | 1<br><1-3>                       | NIC | POP3 authentication method setting<br>1: Disable (Default)<br>2: NTLM<br>3: Kerberos | 12        |

| Setting mode (08) |                               |  |                               |  |                                  |                |   |           |
|-------------------|-------------------------------|--|-------------------------------|--|----------------------------------|----------------|---|-----------|
| Code              | Classification                | Items  |                               | Function   | Default<br><Acceptable<br>value> | RAM            | Contents  | Procedure |
| 6810-0            | Counter                       | Number of<br>output pages<br>in black mode<br>/ Large size | 1-UP /<br>Duplex<br>printing  | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>output pages printed<br>only in the black mode.   | 4         |
| 6810-1            |                               |  | 2-UP /<br>Duplex<br>printing  | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>output pages printed in<br>the black mode using<br>[2IN1] or [MAGAZINE<br>SORT].        | 4         |
| 6810-2            |                               |  | 2-UP /<br>Simplex<br>printing | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed in the<br>black mode using<br>[2IN1] or [MAGAZINE<br>SORT].              | 4         |
| 6810-3            |                               |  | 4-UP /<br>Duplex<br>printing  | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>output pages printed in<br>the black mode using<br>[4IN1].                              | 4         |
| 6810-4            |                               |  | 4-UP /<br>Simplex<br>printing | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed in the<br>black mode using<br>[4IN1].                                    | 4         |
| 6810-7            |                               |  | 1-UP /<br>Simplex<br>printing | PPC<br>(black)   | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed only in<br>the black mode.   | 4         |
| 6811-0            |                               |  | Counter                       | Number of<br>output pages<br>in full color<br>mode / Large | 1-UP /<br>Duplex<br>printing     | PPC<br>(color) | 0<br><8 digits>   | SYS       |
| 6811-1            | 2-UP /<br>Duplex<br>printing  | PPC<br>(color)   |                               |  | 0<br><8 digits>                  | SYS            | Counts the number of<br>output pages printed in<br>the full color mode<br>using [2IN1] or [MAGA-<br>ZINE SORT]. | 4         |
| 6811-2            | 2-UP /<br>Simplex<br>printing | PPC<br>(color)   |                               |  | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed in the full<br>color mode using [2IN1]<br>or [MAGAZINE SORT].            | 4         |
| 6811-3            | 4-UP /<br>Duplex<br>printing  | PPC<br>(color)   |                               |  | 0<br><8 digits>                  | SYS            | Counts the number of<br>output pages printed in<br>the full color mode<br>using [4IN1].                         | 4         |
| 6811-4            | 4-UP /<br>Simplex<br>printing | PPC<br>(color)   |                               |  | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed in the full<br>color mode using<br>[4IN1].                               | 4         |
| 6811-7            | 1-UP /<br>Simplex<br>printing | PPC<br>(color)   |                               |  | 0<br><8 digits>                  | SYS            | Counts the number of<br>sheets printed only in<br>the full color mode.  | 4         |

| Setting mode (08) |                         |   |                         |  |                                  |             |   |           |
|-------------------|-------------------------|---|-------------------------|--|----------------------------------|-------------|---|-----------|
| Code              | Classification          | Items   |                         | Function   | Default<br><Acceptable<br>value> | RAM         | Contents  | Procedure |
| 6812-0            | Counter                 | Number of output pages in twin color mode / Large | 1-UP / Duplex printing  | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed only in the twin color mode.                            | 4         |
| 6812-1            |                         |   | 2-UP / Duplex printing  | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the twin color mode using [2IN1] or [MAGAZINE SORT]. | 4         |
| 6812-2            |                         |   | 2-UP / Simplex printing | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the twin color mode using [2IN1] or [MAGAZINE SORT].       | 4         |
| 6812-3            |                         |   | 4-UP / Duplex printing  | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the twin color mode using [4IN1].                    | 4         |
| 6812-4            |                         |   | 4-UP / Simplex printing | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the twin color mode using [4IN1].                          | 4         |
| 6812-7            |                         |   | 1-UP / Simplex printing | PPC (color)  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed only in the twin color mode.                                  | 4         |
| 6813-0            |                         |   | Counter                 | Number of output pages of the printer or BOX / Large | 1-UP / Duplex printing           | PRT (black) | 0<br><8 digits>   | SYS       |
| 6813-1            | 2-UP / Duplex printing  | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the black mode using [2IN1] or [MAGAZINE SORT].      | 4         |
| 6813-2            | 2-UP / Simplex printing | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the black mode using [2IN1] or [MAGAZINE SORT].            | 4         |
| 6813-3            | 4-UP / Duplex printing  | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the black mode using [4IN1].                         | 4         |
| 6813-4            | 4-UP / Simplex printing | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the black mode using [4IN1].                               | 4         |
| 6813-5            | N-UP / Duplex printing  | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of output pages printed in the black mode using [N IN1].                        | 4         |
| 6813-6            | N-UP / Simplex printing | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed in the black mode using [N IN1].                              | 4         |
| 6813-7            | 1-UP / Simplex printing | PRT (black)                                       |                         |  | 0<br><8 digits>                  | SYS         | Counts the number of sheets printed only in the black mode.                                       | 4         |

| Setting mode (08) |                |  |                         |             |                            |     |  |           |
|-------------------|----------------|--|-------------------------|-------------|----------------------------|-----|--|-----------|
| Code              | Classification | Items  |                         | Function    | Default <Acceptable value> | RAM | Contents   | Procedure |
| 6814-0            | Counter        | Number of output pages of the printer or BOX / Large (Full color)        | 1-UP / Duplex printing  | PRT (color) | 0 <8 digits>               | SYS | Counts the number of output pages printed only in the full color mode.   | 4         |
| 6814-1            |                |  | 2-UP / Duplex printing  | PRT (color) | 0 <8 digits>               | SYS | Counts the number of output pages printed in the full color mode using [2IN1] or [MAGAZINE SORT].  | 4         |
| 6814-2            |                |  | 2-UP / Simplex printing | PRT (color) | 0 <8 digits>               | SYS | Counts the number of sheets printed in the full color mode using [2IN1] or [MAGAZINE SORT].  | 4         |
| 6814-3            |                |  | 4-UP / Duplex printing  | PRT (color) | 0 <8 digits>               | SYS | Counts the number of output pages printed in the full color mode using [4IN1].   | 4         |
| 6814-4            |                |  | 4-UP / Simplex printing | PRT (color) | 0 <8 digits>               | SYS | Counts the number of sheets printed in the full color mode using [4IN1].   | 4         |
| 6814-5            |                |  | N-UP / Duplex printing  | PRT (color) | 0 <8 digits>               | SYS | Counts the number of output pages printed in the full color mode using [N IN1].  | 4         |
| 6814-6            |                |  | N-UP / Simplex printing | PRT (color) | 0 <8 digits>               | SYS | Counts the number of sheets printed in the full color mode using [N IN1].  | 4         |
| 6814-7            |                |  | 1-UP / Simplex printing | PRT (color) | 0 <8 digits>               | SYS | Counts the number of sheets printed only in the full color mode.   | 4         |
| 6815-0            | Counter        | Number of output pages of the FAX printing / Large                       | 1-UP / Simplex printing | FAX         | 0 <8 digits>               | SYS | Counts the number of output pages in the default settings.   | 4         |
| 6815-7            |                |  | 1-UP / Duplex printing  | FAX         | 0 <8 digits>               | SYS |  | 4         |
| 9047              | General        | Process control flag setting of easy setup (manual unpacking adjustment) |                         | ALL         | 0 <0-2>                    | SYS | 0: No change of manual unpacking adjustment<br>1: OFF status of manual unpacking adjustment flag<br>2: Returns to the initial unpacking mode | 1         |
| 9117              | Network        | Raw printing job (Blank page will not be printed)                        |                         | PRT         | 0 <0-1>                    | SYS | 0: OFF<br>1: ON  | 1         |
| 9359              | User interface | Printing resume after jam releasing                                      |                         | ALL         | 0 <0-1>                    | SYS | 0: Auto resume<br>1: Resume by users   | 1         |
| 9394              | Network        | Single-page option for storing File and sending Email                    |                         | ALL         | 0 <0-1>                    | SYS | 0: Sets 1 page as 1 file<br>1: Makes a file based on the original  | 1         |
| 9629              | Network        | Attribute name for LDAP Role Based Access                                |                         | ALL         | eBMUserR <->               | SYS |  | 11        |

| Setting mode (08) |                   |   |          |                                    |     |  |           |
|-------------------|-------------------|---|----------|------------------------------------|-----|--|-----------|
| Code              | Classification    | Items   | Function | Default<br><Acceptable<br>value>   | RAM | Contents   | Procedure |
| 9739              | Maintenance       | Remote service<br>Toner-end notification  | ALL      | 0<br><0-2>                         | SYS | 0: RDMS toner empty<br>notified immediately<br>1: RDMS toner empty<br>notified once a day<br>2: RDMS toner empty<br>not notified   | 1         |
| 9828              | General           | Remote scanning mode  | ALL      | 0<br><0-1>                         | SYS | 0: Batch<br>1: Sequential  | 1         |
| 9829              | General           | Department management<br>limitation setting   | ALL      | 0<br><0-3>                         | SYS | Decide the default limitation<br>setting when the new department<br>code is created.<br>0: No limit<br>1: Limited only in the<br>black mode<br>2: Limited in the color<br>mode<br>3: Limited in the black/<br>color mode | 1         |
| 9847              | Finisher          | Hole punching setting   | ALL      | 0<br><0-1>                         | SYS | 0: Invalid<br>1: Valid   | 1         |
| 9880              | General           | Total counter transmission<br>date setting (2)  | ALL      | 1<br><1-31>                        | SYS | 1 to 31  | 1         |
| 9881              | General           | Day of total counter data<br>transmission   | ALL      | 0<br><0-127>                       | -   | 1 byte 00000000(0)-<br>01111111(127)<br>From the 2nd bit -<br>Sunday, Monday,<br>Tuesday, Wednesday,<br>Thursday, Friday,<br>Saturday  | 1         |
| 9882              | General           | Display mode of the used<br>capacity on the e-Filing<br>administrator page                | ALL      | 1<br><0-1>                         | SYS | 0: All files search<br>mode<br>1: Performance priority<br>mode   | 1         |
| 9885              | General           | New/Old FROM identifica-<br>tion  | ALL      | -<br><-1-1>                        | -   | 0: Old FROM<br>1: New FROM<br>-1: Error  | 2         |
| 9886              | Scanner           | Decimal point indication for<br>Enhanced Scan Template                                    | SCN      | EUR: 0<br>UC: 1<br>JPN: 1<br><0-1> | SYS | 0: Comma<br>1: Period  | 1         |
| 9888              | Scanner           | Permission setting for<br>changing the scan parame-<br>ter when recalling an<br>extension | SCN      | 0<br><0-1>                         | SYS | 0: Prohibited<br>1: Accepted   | 1         |
| 9891              | User<br>interface | Warning message on the<br>touch panel when PM<br>(Periodic Maintenance)<br>time has come  | ALL      | 1<br><0-1>                         | SYS | 0: No warning notifica-<br>tion<br>1: Warning notification   | 1         |

**Note:**

In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process.

After that, the toner image formation is retried while the paper is waited.

In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed.

Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as "0" (no limit).

The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.

<<Pixel counter related code>>(Chap. 2.2.6)

**Note:**

In the pixel counter function, the twin color copy mode is regarded as the full color mode.

| Setting mode (08) |                |   |                |                                    |     |   |           |
|-------------------|----------------|---|----------------|------------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function       | Default<br><Acceptable<br>value>   | RAM | Contents  | Procedure |
| 1500              | Pixel counter  | Standard paper size setting                                     | ALL            | EUR: 0<br>UC: 1<br>JPN: 0<br><0-1> | SYS | Selects the standard paper size to convert it into the pixel count (%).<br>0: A4<br>1: LT   | 1         |
| 1501              | Pixel counter  | Pixel counter all clearing                                      | ALL            | -                                  | SYS | Clears all information related to the pixel counter.  | 3         |
| 1502              | Pixel counter  | Service technician reference counter clearing                   | ALL            | -                                  | SYS | Clears all information related to the service technician reference pixel counter.   | 3         |
| 1503              | Pixel counter  | Toner cartridge reference counter clearing                      | ALL            | -                                  | SYS | Clears all information related to the toner cartridge reference pixel counter.  | 3         |
| 1504              | Pixel counter  | Pixel counter display setting                                   | ALL            | 1<br><0-1>                         | SYS | Selects whether or not to display the pixel counter on the LCD screen.<br>0: Displayed<br>1: Not displayed                                    | 1         |
| 1505              | Pixel counter  | Displayed reference setting                                     | ALL            | 0<br><0-1>                         | SYS | Selects the reference when displaying the pixel counter on the LCD screen.<br>0: Service technician reference<br>1: Toner cartridge reference | 1         |
| 1506              | Pixel counter  | Toner empty determination counter setting                       | ALL            | 0<br><0-1>                         | SYS | Selects the counter to determine toner empty.<br>0: Output pages<br>1: Pixel counter  | 1         |
| 1507              | Pixel counter  | Threshold setting for toner empty determination (Output pages)  | ALL            | 500<br><0-999>                     | SYS | Sets the number of output pages to determine toner empty. This setting is valid when "0" is set at 08-1506.                                   | 1         |
| 1508              | Pixel counter  | Threshold setting for toner empty determination (Pixel counter) | ALL            | 21500<br><0-60000>                 | SYS | Sets the number of output pages to determine toner empty. This setting is valid when "1" is set at 08-1506.                                   | 1         |
| 1509              | Pixel counter  | Pixel counter clear flag/<br>Service technician reference       | ALL            | 0<br><0-1>                         | SYS | Becomes "1" when 08-1502 is performed.  | 2         |
| 1510              | Pixel counter  | Service technician reference cleared date                       | ALL            | -                                  | SYS | Displays the date on which 08-1502 was performed.   | 2         |
| 1511              | Pixel counter  | Toner cartridge reference cleared date (Y)                      | ALL<br>(color) | -                                  | SYS | Displays the date on which 08-1503 was performed.   | 2         |



| Setting mode (08) |                |   |             |                                  |     |  |           |
|-------------------|----------------|---|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1512              | Pixel counter  | Toner cartridge reference cleared date (M)                      | ALL (color) | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1513              | Pixel counter  | Toner cartridge reference cleared date (C)                      | ALL (color) | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1514              | Pixel counter  | Toner cartridge reference cleared date (K)                      | ALL         | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1515              | Pixel counter  | Toner cartridge reference count started date (Y)                | ALL (color) | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1516              | Pixel counter  | Toner cartridge reference count started date (M)                | ALL (color) | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1517              | Pixel counter  | Toner cartridge reference count started date (C)                | ALL (color) | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1518              | Pixel counter  | Toner cartridge reference count started date (K)                | ALL         | -                                | SYS | Displays the date on which 08-1503 was performed.  | 2         |
| 1547              | Pixel counter  | Number of output pages/fullcolor (Service technician reference) | PPC (color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, full color mode and service technician reference. [Unit. page]    | 2         |
| 1548              | Pixel counter  | Number of output pages/black (Service technician reference)     | PPC (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, black mode and service technician reference. [Unit. page]         | 2         |
| 1549              | Pixel counter  | Number of output pages/fullcolor (Service technician reference) | PRT (color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, full color mode and service technician reference. [Unit. page] | 2         |
| 1550              | Pixel counter  | Number of output pages/black (Service technician reference)     | PRT (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, black mode and service technician reference. [Unit. page]      | 2         |

| Setting mode (08) |                |  |             |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1551              | Pixel counter  | Number of output pages/ black (Service technician reference)       | FAX (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the FAX function, black mode and service technician reference.<br>[Unit. page]                | 2         |
| 1552              | Pixel counter  | Number of output pages/ full color (K) (Toner cartridge reference) | PPC (color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner K and toner cartridge reference.<br>[Unit. page]    | 2         |
| 1553              | Pixel counter  | Number of output pages/ black (Toner cartridge reference)          | PPC (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, black mode and toner cartridge reference.<br>[Unit. page]                  | 2         |
| 1554              | Pixel counter  | Number of output pages/ full color (K) (Toner cartridge reference) | PRT (color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner K and toner cartridge reference.<br>[Unit. page] | 2         |
| 1555              | Pixel counter  | Number of output pages/ black (Toner cartridge reference)          | PRT (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, black mode and toner cartridge reference.<br>[Unit. page]               | 2         |
| 1556              | Pixel counter  | Number of output pages/ black (Toner cartridge reference)          | FAX (black) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the FAX function, black mode and toner cartridge reference.<br>[Unit. page]                   | 2         |
| 1557              | Pixel counter  | Number of output pages/ full color (Y) (Toner cartridge reference) | PPC (color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner Y and toner cartridge reference.<br>[Unit. page]    | 2         |

| Setting mode (08) |                |   |                |                                  |     |   |           |
|-------------------|----------------|---|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1558              | Pixel counter  | Number of output pages/<br>full color (Y) (Toner cartridge reference) | PRT<br>(color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner Y and toner cartridge reference.<br>[Unit. page] | 2         |
| 1559              | Pixel counter  | Number of output pages/<br>full color (M) (Toner cartridge reference) | PPC<br>(color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner M and toner cartridge reference.<br>[Unit. page]    | 2         |
| 1560              | Pixel counter  | Number of output pages/<br>full color (M) (Toner cartridge reference) | PRT<br>(color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner M and toner cartridge reference.<br>[Unit. page] | 2         |
| 1561              | Pixel counter  | Number of output pages/<br>full color (C) (Toner cartridge reference) | PPC<br>(color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner C and toner cartridge reference.<br>[Unit. page]    | 2         |
| 1562              | Pixel counter  | Number of output pages/<br>full color (C) (Toner cartridge reference) | ALL<br>(color) | <8 digits>                       | SYS | Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner C and toner cartridge reference.<br>[Unit. page] | 2         |
| 1563              | Pixel counter  | Toner cartridge Y replacement counter                                 | ALL<br>(color) | <3 digits>                       | SYS | Counts the number of time of the toner cartridge Y replacement.   | 2         |
| 1564              | Pixel counter  | Toner cartridge M replacement counter                                 | ALL<br>(color) | <3 digits>                       | SYS | Counts the number of time of the toner cartridge M replacement.   | 2         |
| 1565              | Pixel counter  | Toner cartridge C replacement counter                                 | ALL<br>(color) | <3 digits>                       | SYS | Counts the number of time of the toner cartridge C replacement.   | 2         |
| 1566              | Pixel counter  | Toner cartridge K replacement counter                                 | ALL            | <3 digits>                       | SYS | Counts the number of time of the toner cartridge K replacement.   | 2         |

| Setting mode (08) |                |   |             |                                  |     |   |           |
|-------------------|----------------|---|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1577              | Pixel counter  | Average pixel count/full color (Y+M+C+K) (Service technician reference) | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, all toner and service technician reference.<br>[Unit: 0.01%]    | 2         |
| 1578              | Pixel counter  | Average pixel count/full color (Y) (Service technician reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner Y and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1579              | Pixel counter  | Average pixel count/full color (M) (Service technician reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner M and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1580              | Pixel counter  | Average pixel count/full color (C) (Service technician reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner C and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1581              | Pixel counter  | Average pixel count/full color (K) (Service technician reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner K and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1582              | Pixel counter  | Average pixel count/full color (Y+M+C+K) (Service technician reference) | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, all toner and service technician reference.<br>[Unit: 0.01%] | 2         |
| 1583              | Pixel counter  | Average pixel count/full color (Y) (Service technician reference)       | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, toner Y and service technician reference.<br>[Unit: 0.01%]   | 2         |
| 1584              | Pixel counter  | Average pixel count/full color (M) (Service technician reference)       | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, toner M and service technician reference.<br>[Unit: 0.01%]   | 2         |

| Setting mode (08) |                |   |                 |                            |     |   |           |
|-------------------|----------------|---|-----------------|----------------------------|-----|---|-----------|
| Code              | Classification | Items   | Function        | Default <Acceptable value> | RAM | Contents  | Procedure |
| 1585              | Pixel counter  | Average pixel count/full color (C) (Service technician reference)       | PRT (color)     | 0 <0-10000>                | SYS | Displays the average pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]        | 2         |
| 1586              | Pixel counter  | Average pixel count/full color (K) (Service technician reference)       | PRT (color)     | 0 <0-10000>                | SYS | Displays the average pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]        | 2         |
| 1587              | Pixel counter  | Average pixel count/full color (Y+M+C+K) (Service technician reference) | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, all toner and service technician reference. [Unit: 0.01%] | 2         |
| 1588              | Pixel counter  | Average pixel count/full color (Y) (Service technician reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]   | 2         |
| 1589              | Pixel counter  | Average pixel count/full color (M) (Service technician reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]   | 2         |
| 1590              | Pixel counter  | Average pixel count/full color (C) (Service technician reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]   | 2         |
| 1591              | Pixel counter  | Average pixel count/full color (K) (Service technician reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]   | 2         |
| 1592              | Pixel counter  | Average pixel count/black (Service technician reference)                | PPC (black)     | 0 <0-10000>                | SYS | Displays the average pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]                         | 2         |

| Setting mode (08) |                |  |                                |                                  |     |  |           |
|-------------------|----------------|--|--------------------------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items  | Function                       | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1593              | Pixel counter  | Average pixel count/black (Service technician reference)               | PRT (black)                    | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, black mode and service technician reference.<br>[Unit: 0.01%]                | 2         |
| 1594              | Pixel counter  | Average pixel count/black (Service technician reference)               | FAX (black)                    | 0<br><0-10000>                   | SYS | Displays the average pixel count in the FAX function, black mode and service technician reference.<br>[Unit: 0.01%]                    | 2         |
| 1595              | Pixel counter  | Average pixel count/black (Service technician reference)               | PPC/<br>PRT/<br>FAX<br>(black) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy/printer/FAX function, black mode and service technician reference.<br>[Unit: 0.01%]       | 2         |
| 1596              | Pixel counter  | Latest pixel count/full color (Y+M+C+K) (Service technician reference) | PPC (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, all toner and service technician reference.<br>[Unit: 0.01%]    | 2         |
| 1597              | Pixel counter  | Latest pixel count/full color (Y) (Service technician reference)       | PPC (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner Y and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1598              | Pixel counter  | Latest pixel count/full color (M) (Service technician reference)       | PPC (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner M and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1599              | Pixel counter  | Latest pixel count/full color (C) (Service technician reference)       | PPC (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner C and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1600              | Pixel counter  | Latest pixel count/full color (K) (Service technician reference)       | PPC (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner K and service technician reference.<br>[Unit: 0.01%]      | 2         |
| 1601              | Pixel counter  | Latest pixel count/full color (Y+M+C+K) (Service technician reference) | PRT (color)                    | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the printer function, full color mode, all toner and service technician reference.<br>[Unit: 0.01%] | 2         |

| Setting mode (08) |                |  |             |                            |     |   |           |
|-------------------|----------------|--|-------------|----------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default <Acceptable value> | RAM | Contents  | Procedure |
| 1602              | Pixel counter  | Latest pixel count/full color (Y) (Service technician reference) | PRT (color) | 0 <0-10000>                | SYS | Displays the latest pixel count in the printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%] | 2         |
| 1603              | Pixel counter  | Latest pixel count/full color (M) (Service technician reference) | PRT (color) | 0 <0-10000>                | SYS | Displays the latest pixel count in the printer function, full color mode, toner M and service technician reference. [Unit: 0.01%] | 2         |
| 1604              | Pixel counter  | Latest pixel count/full color (C) (Service technician reference) | PRT (color) | 0 <0-10000>                | SYS | Displays the latest pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%] | 2         |
| 1605              | Pixel counter  | Latest pixel count/full color (K) (Service technician reference) | PRT (color) | 0 <0-10000>                | SYS | Displays the latest pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%] | 2         |
| 1606              | Pixel counter  | Latest pixel count/black (Service technician reference)          | PPC (black) | 0 <0-10000>                | SYS | Displays the latest pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]                  | 2         |
| 1607              | Pixel counter  | Latest pixel count/black (Service technician reference)          | PRT (black) | 0 <0-10000>                | SYS | Displays the latest pixel count in the printer function, black mode and service technician reference. [Unit: 0.01%]               | 2         |
| 1608              | Pixel counter  | Latest pixel count/black (Service technician reference)          | FAX (black) | 0 <0-10000>                | SYS | Displays the latest pixel count in the FAX function, black mode and service technician reference. [Unit: 0.01%]                   | 2         |
| 1609              | Pixel counter  | Average pixel count/full color (Y) (Toner cartridge reference)   | PPC (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]      | 2         |

| Setting mode (08) |                |  |             |                                  |     |   |           |
|-------------------|----------------|--|-------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function    | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1610              | Pixel counter  | Average pixel count/full color (M) (Toner cartridge reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner M and toner cartridge reference.<br>[Unit: 0.01%]       | 2         |
| 1611              | Pixel counter  | Average pixel count/full color (C) (Toner cartridge reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner C and toner cartridge reference.<br>[Unit: 0.01%]       | 2         |
| 1612              | Pixel counter  | Average pixel count/full color (K) (Toner cartridge reference)       | PPC (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color mode, toner K and toner cartridge reference.<br>[Unit: 0.01%]       | 2         |
| 1613              | Pixel counter  | Average pixel count/black (Toner cartridge reference)                | PPC (black) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, black mode and toner cartridge reference.<br>[Unit: 0.01%]                     | 2         |
| 1614              | Pixel counter  | Average pixel count/full color (K)+black (Toner cartridge reference) | PPC         | 0<br><0-10000>                   | SYS | Displays the average pixel count in the copy function, full color/black mode, toner K and toner cartridge reference.<br>[Unit: 0.01%] | 2         |
| 1615              | Pixel counter  | Average pixel count/full color (Y) (Toner cartridge reference)       | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, toner Y and toner cartridge reference.<br>[Unit: 0.01%]    | 2         |
| 1616              | Pixel counter  | Average pixel count/full color (M) (Toner cartridge reference)       | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, toner M and toner cartridge reference.<br>[Unit: 0.01%]    | 2         |
| 1617              | Pixel counter  | Average pixel count/full color (C) (Toner cartridge reference)       | PRT (color) | 0<br><0-10000>                   | SYS | Displays the average pixel count in the printer function, full color mode, toner C and toner cartridge reference.<br>[Unit: 0.01%]    | 2         |



| Setting mode (08) |                |  |                 |                            |     |   |           |
|-------------------|----------------|--|-----------------|----------------------------|-----|---|-----------|
| Code              | Classification | Items  | Function        | Default <Acceptable value> | RAM | Contents  | Procedure |
| 1618              | Pixel counter  | Average pixel count/full color (K) (Toner cartridge reference)       | PRT (color)     | 0 <0-10000>                | SYS | Displays the average pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]       | 2         |
| 1619              | Pixel counter  | Average pixel count/black (Toner cartridge reference)                | PRT (black)     | 0 <0-10000>                | SYS | Displays the average pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%]                     | 2         |
| 1620              | Pixel counter  | Average pixel count/full color (K)+black (Toner cartridge reference) | PRT             | 0 <0-10000>                | SYS | Displays the average pixel count in the printer function, full color/black mode, toner K and toner cartridge reference. [Unit: 0.01%] | 2         |
| 1621              | Pixel counter  | Average pixel count/full color (Y) (Toner cartridge reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]  | 2         |
| 1622              | Pixel counter  | Average pixel count/full color (M) (Toner cartridge reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]  | 2         |
| 1623              | Pixel counter  | Average pixel count/full color (C) (Toner cartridge reference)       | PPC/PRT (color) | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]  | 2         |
| 1624              | Pixel counter  | Average pixel count/full color (K)+black (Toner cartridge reference) | PPC/PRT/FAX     | 0 <0-10000>                | SYS | Displays the average pixel count in the copy/printer/FAX function, black mode, toner K and toner cartridge reference. [Unit: 0.01%]   | 2         |
| 1625              | Pixel counter  | Average pixel count/black (Toner cartridge reference)                | FAX (black)     | 0 <0-10000>                | SYS | Displays the average pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]                         | 2         |

| Setting mode (08) |                |   |             |                                  |     |  |           |
|-------------------|----------------|---|-------------|----------------------------------|-----|--|-----------|
| Code              | Classification | Items   | Function    | Default<br><Acceptable<br>value> | RAM | Contents   | Procedure |
| 1626              | Pixel counter  | Latest pixel count/full color (Y) (Toner cartridge reference) | PPC (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit:0.01%]     | 2         |
| 1627              | Pixel counter  | Latest pixel count/full color (M) (Toner cartridge reference) | PPC (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]    | 2         |
| 1628              | Pixel counter  | Latest pixel count/full color (C) (Toner cartridge reference) | PPC (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]    | 2         |
| 1629              | Pixel counter  | Latest pixel count/full color (K) (Toner cartridge reference) | PPC (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the copy function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]    | 2         |
| 1630              | Pixel counter  | Latest pixel count/full color (Y) (Toner cartridge reference) | PRT (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%] | 2         |
| 1631              | Pixel counter  | Latest pixel count/full color (M) (Toner cartridge reference) | PRT (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%] | 2         |
| 1632              | Pixel counter  | Latest pixel count/full color (C) (Toner cartridge reference) | PRT (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%] | 2         |
| 1633              | Pixel counter  | Latest pixel count/full color (K) (Toner cartridge reference) | PRT (color) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%] | 2         |
| 1634              | Pixel counter  | Latest pixel count/black (Toner cartridge reference)          | FAX (black) | 0<br><0-10000>                   | SYS | Displays the latest pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]                   | 2         |

| Setting mode (08) |                |  |             |                            |            |  |   |    |
|-------------------|----------------|--|-------------|----------------------------|------------|--|---|----|
| Code              | Classification | Items  | Function    | Default <Acceptable value> | RAM        | Contents   | Procedure   |    |
| 1639              | Pixel counter  | Latest pixel count/black (Toner cartridge reference) | PPC (black) | 0 <0-10000>                | SYS        | Displays the latest pixel count in the copy function, black mode and toner cartridge reference. [Unit: 0.01%]    | 2   |    |
| 1640              | Pixel counter  | Latest pixel count/black (Toner cartridge reference) | PRT (black) | 0 <0-10000>                | SYS        | Displays the latest pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%] | 2   |    |
| 1641-0            | Pixel counter  | Pixel count distribution/ full color (Y)             | 0-5%        | PPC (color)                | <8 digits> | SYS  | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page] | 14 |
| 1641-1            |                |  | 5.1-10%     | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-2            |                |  | 10.1-15%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-3            |                |  | 15.1-20%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-4            |                |  | 20.1-25%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-5            |                |  | 25.1-30%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-6            |                |  | 30.1-40%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-7            |                |  | 40.1-60%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-8            |                |  | 60.1-80%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1641-9            |                |  | 80.1-100%   | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-0            | Pixel counter  | Pixel count distribution/ full color (M)             | 0-5%        | PPC (color)                | <8 digits> | SYS  | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page] | 14 |
| 1642-1            |                |  | 5.1-10%     | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-2            |                |  | 10.1-15%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-3            |                |  | 15.1-20%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-4            |                |  | 20.1-25%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-5            |                |  | 25.1-30%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-6            |                |  | 30.1-40%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-7            |                |  | 40.1-60%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-8            |                |  | 60.1-80%    | PPC (color)                | <8 digits> | SYS  |   | 14 |
| 1642-9            |                |  | 80.1-100%   | PPC (color)                | <8 digits> | SYS  |   | 14 |

| Setting mode (08) |                |   |           |                                  |            |          |   |    |
|-------------------|----------------|---|-----------|----------------------------------|------------|----------|---|----|
| Code              | Classification | Items                                       | Function  | Default<br><Acceptable<br>value> | RAM        | Contents | Procedure   |    |
| 1643-0            | Pixel counter  | Pixel count distribution/<br>full color (C) | 0-5%      | PPC<br>(color)                   | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page] | 14 |
| 1643-1            |                |   | 5.1-10%   | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-2            |                |   | 10.1-15%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-3            |                |   | 15.1-20%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-4            |                |   | 20.1-25%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-5            |                |   | 25.1-30%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-6            |                |   | 30.1-40%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-7            |                |   | 40.1-60%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-8            |                |   | 60.1-80%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1643-9            |                |   | 80.1-100% | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-0            | Pixel counter  | Pixel count distribution/<br>full color (K) | 0-5%      | PPC<br>(color)                   | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page] | 14 |
| 1644-1            |                |   | 5.1-10%   | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-2            |                |   | 10.1-15%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-3            |                |   | 15.1-20%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-4            |                |   | 20.1-25%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-5            |                |   | 25.1-30%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-6            |                |   | 30.1-40%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-7            |                |   | 40.1-60%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-8            |                |   | 60.1-80%  | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |
| 1644-9            |                |   | 80.1-100% | PPC<br>(color)                   | <8 digits> | SYS      |   | 14 |

| Setting mode (08) |                |  |           |                            |            |          |  |    |
|-------------------|----------------|--|-----------|----------------------------|------------|----------|--|----|
| Code              | Classification | Items                                    | Function  | Default <Acceptable value> | RAM        | Contents | Procedure  |    |
| 1645-0            | Pixel counter  | Pixel count distribution/ full color (Y) | 0-5%      | PRT (color)                | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page] | 14 |
| 1645-1            |                |  | 5.1-10%   | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-2            |                |  | 10.1-15%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-3            |                |  | 15.1-20%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-4            |                |  | 20.1-25%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-5            |                |  | 25.1-30%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-6            |                |  | 30.1-40%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-7            |                |  | 40.1-60%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-8            |                |  | 60.1-80%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1645-9            |                |  | 80.1-100% | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-0            | Pixel counter  | Pixel count distribution/ full color (M) | 0-5%      | PRT (color)                | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page] | 14 |
| 1646-1            |                |  | 5.1-10%   | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-2            |                |  | 10.1-15%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-3            |                |  | 15.1-20%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-4            |                |  | 20.1-25%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-5            |                |  | 25.1-30%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-6            |                |  | 30.1-40%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-7            |                |  | 40.1-60%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-8            |                |  | 60.1-80%  | PRT (color)                | <8 digits> | SYS      |  | 14 |
| 1646-9            |                |  | 80.1-100% | PRT (color)                | <8 digits> | SYS      |  | 14 |

| Setting mode (08) |                |   |           |                                  |            |          |  |    |
|-------------------|----------------|---|-----------|----------------------------------|------------|----------|--|----|
| Code              | Classification | Items                                       | Function  | Default<br><Acceptable<br>value> | RAM        | Contents | Procedure  |    |
| 1647-0            | Pixel counter  | Pixel count distribution/<br>full color (C) | 0-5%      | PRT<br>(color)                   | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page] | 14 |
| 1647-1            |                |   | 5.1-10%   | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-2            |                |   | 10.1-15%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-3            |                |   | 15.1-20%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-4            |                |   | 20.1-25%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-5            |                |   | 25.1-30%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-6            |                |   | 30.1-40%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-7            |                |   | 40.1-60%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-8            |                |   | 60.1-80%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1647-9            |                |   | 80.1-100% | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-0            | Pixel counter  | Pixel count distribution/<br>full color (K) | 0-5%      | PRT<br>(color)                   | <8 digits> | SYS      | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page] | 14 |
| 1648-1            |                |   | 5.1-10%   | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-2            |                |   | 10.1-15%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-3            |                |   | 15.1-20%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-4            |                |   | 20.1-25%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-5            |                |   | 25.1-30%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-6            |                |   | 30.1-40%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-7            |                |   | 40.1-60%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-8            |                |   | 60.1-80%  | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |
| 1648-9            |                |   | 80.1-100% | PRT<br>(color)                   | <8 digits> | SYS      |  | 14 |

| Setting mode (08) |                |                                    |           |                |                                  |     |   |           |
|-------------------|----------------|------------------------------------|-----------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items                              |           | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1649-0            | Pixel counter  | Pixel count distribution/<br>black | 0-5%      | PPC<br>(black) | <8 digits>                       | SYS | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed.<br>[Unit: page]    | 14        |
| 1649-1            |                |                                    | 5.1-10%   | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-2            |                |                                    | 10.1-15%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-3            |                |                                    | 15.1-20%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-4            |                |                                    | 20.1-25%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-5            |                |                                    | 25.1-30%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-6            |                |                                    | 30.1-40%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-7            |                |                                    | 40.1-60%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-8            |                |                                    | 60.1-80%  | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1649-9            |                |                                    | 80.1-100% | PPC<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-0            | Pixel counter  | Pixel count distribution/<br>black | 0-5%      | PRT<br>(black) | <8 digits>                       | SYS | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed.<br>[Unit: page] | 14        |
| 1650-1            |                |                                    | 5.1-10%   | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-2            |                |                                    | 10.1-15%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-3            |                |                                    | 15.1-20%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-4            |                |                                    | 20.1-25%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-5            |                |                                    | 25.1-30%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-6            |                |                                    | 30.1-40%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-7            |                |                                    | 40.1-60%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-8            |                |                                    | 60.1-80%  | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1650-9            |                |                                    | 80.1-100% | PRT<br>(black) | <8 digits>                       | SYS |   | 14        |

| Setting mode (08) |                |                                    |           |                |                                  |     |   |           |
|-------------------|----------------|------------------------------------|-----------|----------------|----------------------------------|-----|---|-----------|
| Code              | Classification | Items                              |           | Function       | Default<br><Acceptable<br>value> | RAM | Contents  | Procedure |
| 1651-0            | Pixel counter  | Pixel count distribution/<br>black | 0-5%      | FAX<br>(black) | <8 digits>                       | SYS | The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed.<br>[Unit: page] | 14        |
| 1651-1            |                |                                    | 5.1-10%   | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-2            |                |                                    | 10.1-15%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-3            |                |                                    | 15.1-20%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-4            |                |                                    | 20.1-25%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-5            |                |                                    | 25.1-30%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-6            |                |                                    | 30.1-40%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-7            |                |                                    | 40.1-60%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-8            |                |                                    | 60.1-80%  | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |
| 1651-9            |                |                                    | 80.1-100% | FAX<br>(black) | <8 digits>                       | SYS |   | 14        |