C-Tick EMC

TEST REPORT

For

46” LCD Monitor

Model: PID-426WD

Trade Name: TYT, Non Brand

Issued for

Tiun Yuan Technology Co., Ltd.

6F, No.37, Lane 221, Gang Qian Road, Nei-Hu,
Taipei 114, Taiwan, R.O.C.

Issued by

Compliance Certification Service Inc.
No. 81-1, Lane 210, Pa-De 2nd Rd., Luchu Hsiang,
Taoyuan Shien, (338)Taiwan, R.O.C.
TEL:886-3-3245966
FAX:886-3-3245235

ACCREDITED
No. 0824-01

TAF
Testing Laboratory
0363

TABLE OF CONTENTS

1 TEST RESULT CERTIFICATION

Applicant:	**Tiun Yuan Technology Co., Ltd.** 6F, No.37, Lane 221, Gang Qian Road, Nei-Hu, Taipei 114, Taiwan, R.O.C.
Manufacturer:	**Tiun Yuan Technology Co., Ltd.** 6F, No.37, Lane 221, Gang Qian Road, Nei-Hu, Taipei 114, Taiwan, R.O.C.
Equipment Under Test:	46" LCD Monitor
Trade Name:	**TYT, Non brand**
Model:	PID-426WD
Detail EUT Description:	See Item 2 of this report
Date of Test:	Aug 23~27, 2010

Applicable Standard	Class/Limit	Test Result
AS/NZS CISPR 22: 2006	Class A/ Required Limit	No non-compliance noted
Deviation from Applicable Standard		
None		

The above equipment was tested by Compliance Certification Services Inc. and found compliance with the requirements set forth in the technical standards mentioned above. The test results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

David Wang
Director of Linko Laboratory
Compliance Certification Services Inc.

Reviewed by:

Ethan Huang
Section of Linko Laboratory
Compliance Certification Services Inc.

2 EUT DESCRIPTION

Product	46” LCD Monitor		
Trade Name	TYT, Non Brand		
Model	PID-426WD		
Housing Type	Metal		
EUT Power Rating	110-240Vac, 50/60Hz, 5A		
Power Supply Manufacturer	STARMEN	**Model**	TOM371CABB
LCD Panel Manufacturer	SAMSUNG	**Model**	LTI460AA03
AC Power Cord Type	Non-shield, 1.8m		

I/O PORT OF EUT

I/O PORT TYPE	Q’TY	TESTED WITH
1). Video In Port(VGA)	1	1
2). DVI Port	1	1
3). HDMI Port	1	1
4). Audio In Port	1	1
5). Speaker Out Port(L/R)	1	1
6.) RS-323 port	1	0

Note: According to customer declaration, the RS-323 and Service Port of EUT is for control mode and update firmware function only, so didn’t connect any support equipment.

3 TEST METHODOLOGY

3.1 EUT SYSTEM OPERATION

ITE EMISSION TEST:

1. EMI test program was loaded and executed in Windows XP mode.
2. Data was sent to EUT filling the screen with upper case of "H" patterns.
3. PC played music from CD-ROM and sent signal to EUT via an audio cable.
4. Test program sequentially exercised printer, then sent "H" patterns to them individually.
5. Repeat the steps of 2 to 3.

Note:Test program is self-repeating throughout the test.

3.2 DECISION OF FINAL TEST MODE

1. The following test mode was scanned during the preliminary test:

   Mode 1:1360 x 768 Resolution, 60Hz
   Mode 2:1024 x 768 Resolution, 75Hz
   Mode 3:800 x 600 Resolution, 75Hz
   Mode 4:DVI
   Mode 5:HDMI

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

   Mode 1

   Then, the EUT configuration and cable configuration of the above highest emission mode was chosen for all final test items.

4 SETUP OF EQUIPMENT UNDER TEST

Setup Diagram

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

Support Equipment

No	Equipment	Model	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1	PC	DX-6120	SGH5330GK7	FCC DoC	HP	VGA Cable: Shielded,1.8m with two cores Audio Cable: Unshielded, 1.8m	Unshielded, 1.8m
2	Modem	DM-1414	304012266	IFAXDM1414	ACEEX	Shielded, 1.2m	Unshielded, 1.8m
3	Printer	STYLUS C60	DR3K043129	FCC DoC	EPSON	Shielded, 1.5m	Unshielded, 1.8m
4	PS/2 Keyboard	Y-SJ17	SY520U00642	FCC DoC	Logitech	Unshielded, 1.2m	N/A
5	PS/2 Mouse	M-SBF69	HCA45009243	FCC DoC	Logitech	Unshielded, 1.2m	N/A
6	Speaker	S-MS500CR	N/A	N/A	PIONEER	Unshield, 1.8m	N/A

Note: *All the above equipment/cable was placed in worse case positions to maximize emission signals during emission test.*

Grounding: *Grounding was in accordance with the manufacturer's requirements and conditions for the intended use.*

5 FACILITIES AND ACREDITATIONS

FACILITIES

All measurement facilities used to collect the measurement data are located at CCS Taiwan Linkou Lab at No. 81-1, Lane 210, Bade Rd.,2, Luchu Hsiang, Taoyuan Hsien, Taiwan.

The measurement facilities are constructed in conformance with the requirements fo CISPR 16-1, ANSI C63.4 and other equivalent standards.

LABORATORY ACCREDITATIONS AND LISTINGS

The test facilities used to perform Electromagnetic compatibility tests are registered or accredited by the organizations listed in the following table which includes the recognized scope specifically.This accredited organization maintains A2LA accreditation to ISO/IEC 17025 for the specific test listed in A2LA Certificate # 0824-01.

Country	Agency	Scope of Accreditation	Logo
USA	A2LA	EN 55011, EN 55014-1/2, CISPR 11, CISPR 14-1/2, EN 55022, EN 55015, CISPR 22, CISPR 15, AS/NZS 3548, VCCI V3 (2001), CFR 47, FCC Part 15/18, CNS 13783-1, CNS 13439, CNS 13438, CNS 13803, CNS 14115, EN 55024, IEC 801-2, IEC 801-3, IEC 801-4, IEC/EN 61000-3-2, EIC/EN 61000-3-3, IEC/EN 61000-4-2/3/4/5/6/8/11, EN 50081-1/EN 61000-6-3, EN 50081-2/EN 61000-6-4, EN 50081-2/EN 61000-6-1: 2001	ACCREDITED No. 0824-01
USA	FCC	3/10 meter Open Area Test Sites to perform FCC Part 15/18 measurements	93105, 90471
Japan	VCCI	3/10 meter Open Area Test Sites and conducted test sites to perform radiated/conducted measurements	R-393/2316/725/1868 C-402/747/912
Norway	NEMKO	EN 50081-1/2, EN 50082-1/2, IEC 61000-6-1/2, EN 50091-2, EN 50130-4, EN 55011, EN 55013, EN 55014-1/2, EN 55015, EN 55022, EN 55024, EN 61000-3-2/3, EN 61326-1, IEC 61000-4-2/3/4/5/6/8/11, EN 60601-1-2, EN 300 328-2, EN 300 422-2, EN 301 419-1, EN 301 489-01/03/07/08/09/17, EN 301 419-2/3, EN 300 454-2, EN 301 357-2	ELA 124a ELA 124b ELA 124c
Taiwan	TAF	EN 300 328-1, EN 300 328-2, EN 300 220-1, EN 300 220-2, EN 300 220-3, 47 CFR FCC Part 15 Subpart C, EN 61000-3-2, EN 61000-3-3, CNS 13439, CNS 13783-1, CNS 14115, CNS 13438, AS/NZS CISPR 22, CNS 13022-1, IEC 61000-4-2/3/4/5/6/8/11, CNS 13022-2/3	Testing Laboratory 0363
Taiwan	BSMI	CNS 13438, CNS 13783-1, CNS 13439, CNS 14115	SL2-IS-E-0014 / IN-E-0014 /A1-E-0014 /R1-E-0014 /R2-E-0014 /L1-E-0014
Canada	Industry Canada	RSS212, Issue 1	IC 3991-3 IC 3991-4

Note: *No part of this report may be used to claim or imply product endorsement by A2LA, TAF or other government agency.*

6 INSTRUMENT AND CALIBRATION

6.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the IEC 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

6.2 TEST AND MEASUREMENT EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4, CISPR 16-1-5, ANSI C63.2 and other required standards.
Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective manual.

Equipment Used for Emission Measurement

Conducted Emission Test Site # 4				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due.**
EMI Test Receiver	R&S	ESCS30	847793/012	02/26/2011
LISN	R&S	ENV216	100066	05/09/2011
LISN	R&S	ENV 4200	830326/016	04/09/2011

Note: *The measurement uncertainty is less than +/- 1.7983dB, which is evaluated as per the NAMAS NIS 81 and CISPR/A/291/CDV.*

Open Area Test Site # 1				
Name of Equipment	**Manufacturer**	**Model**	**Serial Number**	**Calibration Due.**
Spectrum Analyzer	ADVANTEST	R3261C	81720301	N.C.R
EMI Test Receiver	R&S	ESVS20	838804/004	01/18/2011
Pre-Amplifier	HP	8447D	2944A09173	03/22/2011
Bilog Antenna	Sunol Sciences	JB1	A111203	03/24/2011
Turn Table	EMCO	2081-1.21	N/A	N.C.R
Antenna Tower	EMCO	2075-2	9707-2604	N.C.R
Controller	EMCO	2090	N/A	N.C.R
RF Switch	Anritsu	MP59B	M54367	N.C.R
Site NSA	CCS	N/A	N/A	11/18/2010

Note: *The measurement uncertainly is less than +/- 3.36dB, which is evaluated as per the NAMAS NIS 81 and CISPR/A/291/CDV.*

7 LINE CONDUCTED & RADIATED EMISSION TEST

7.1 LIMIT

Maximum permissible level of Line Conducted Emission

Frequency (MHZ)	Class A(dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 – 0.5	79	66	66 -56	56 - 46
0.50 – 5.0	73	60	56	46
5.0 – 30.0	73	60	60	50

Note:*The lower limit shall apply at the transition frequency.*

Maximum permissible level of Radiated Emission measured at 10 meter

Frequency (MHZ)	Class A(dBuV/m)	Class B (dBuV/m)
	Quasi-peak	Quasi-peak
30 - 230	40	30
230 - 1000	47	37

Note:*The lower limit shall apply at the transition frequency.*

Maximum permissible level of Radiated Emission measured at 3 meter

Frequency (MHZ)	Class A(dBuV/m)		Class B (dBuV/m)	
	Average	peak	Average	peak
Above 960	59.5	79.5	54	74

Note:*The lower limit shall apply at the transition frequency.*

7.2 TEST PROCEDURE OF LINE CONDUCTED EMISSION

Procedure of Preliminary Test

- The EUT was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per AS/NZS CISPR 22 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

- Support equipment, if needed, was placed as per AS/NZS CISPR 22.

- All I/O cables were positioned to simulate typical actual usage as per AS/NZS CISPR 22.

- The test equipment EUT installed received AC power, 240VAC/50Hz, through a Line Impedance Stabilization Network (LISN), which supplied power source and was grounded to the ground plane.

- All support equipment received power from a second LISN.

- The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a EMI Test Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Receiver.

- The Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.

- During the above scans, the emissions were maximized by cable manipulation.

- The test mode(s) described in Item 3.2 were scanned during the preliminary test.

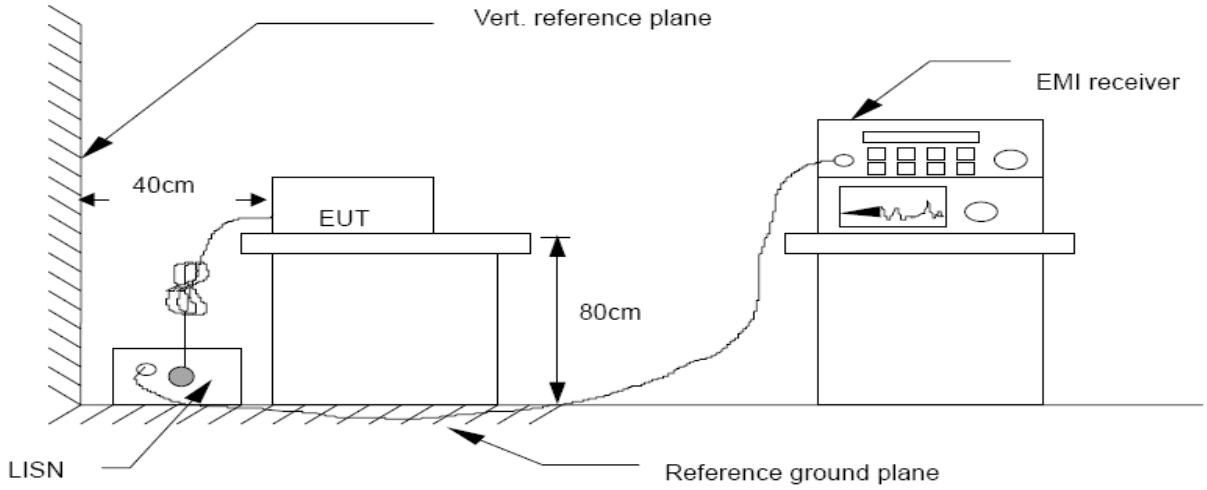
- After the preliminary scan, we found the following the test mode described in Item 3.2 producing the highest emission level.

- The EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

Procedure of Final Test

- EUT and support equipment was set up on the test bench as per step 10 of the preliminary test.
- A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the AV. Limit in Q.P. mode, then the emission signal was re-checked using an AV. Detector.
- The test data of the worst case condition(s) was recorded.

Test Setup:



- For the actual test configuration, please refer to the related item-Photographs of the Test configuration.

Data Sample:

Freq. MHz	Q.P. Raw (dBuV)	Average Raw (dBuV)	Corr. Factor (dB)	Q.P. Result (dBuV)	Average Result (dBuV)	Q.P. Limit (dBuV)	Average Limit (dBuV)	Q.P. Margin (dB)	Average Margin (dB)	Remark
x.xx	43.95	33	10	53.95	43	56	46	-2.05	-3	L 1

Freq. = Emission frequency in MHz
Raw dBuV = Uncorrected Analyzer / Receiver reading
Corr. Factor dB = Antenna factor+ Cable loss- Amplifier gain
Result dBuV = Raw reading converted to dBuV and CF added
Limit dBuV = Limit stated in standard
Margin dB = RAW(dBuV) – Limit(dBuV)
Q.P. = Quasi-Peak

7.3 TEST PROCEDURE OF RADIATED EMISSION

Procedure of Preliminary Test

- The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.1 meters is used which is placed on the ground plane. When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

- Support equipment, if needed, was placed as per AS/NZS CISPR 22.

- All I/O cables were positioned to simulate typical actual usage as per AS/NZS CISPR 22.

- The EUT received AC power source, 240VAC/50Hz, from the outlet socket under the turntable. All support equipment received power from another socket under the turntable.

- The antenna was placed at 10 meter away from the EUT as stated in AS/NZS CISPR 22. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

- The Analyzer / Receiver quickly scanned from 30MHz to 40GHz maximum, if any. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

- The test mode(s) described in Item 3.2 were scanned during the preliminary test.

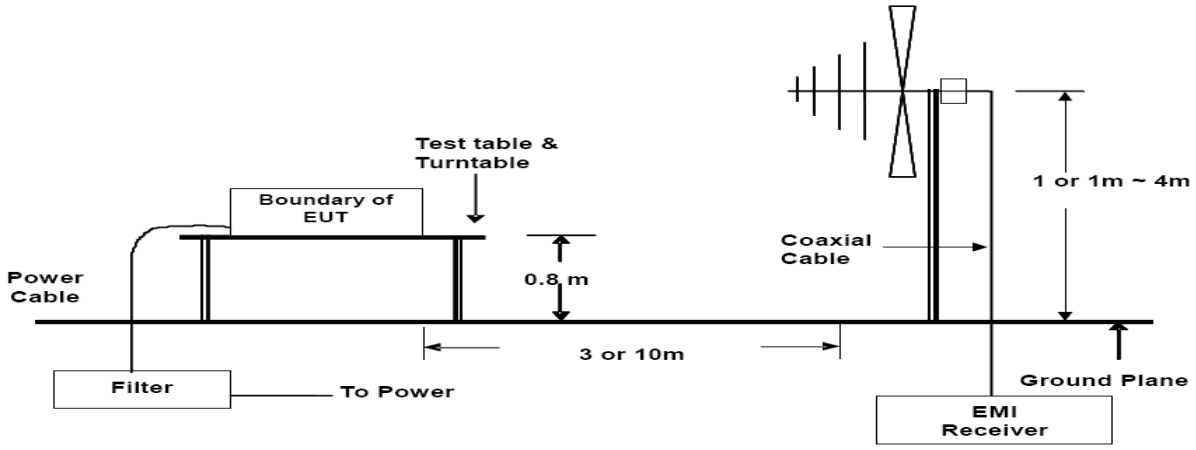
- After the preliminary scan, we found the following the test mode described in Item 3.2 producing the highest emission level.

- Then, the EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

Procedure of Final Test

- EUT and support equipment were set up on the turntable as per step 8 of the preliminary test.
- The Analyzer / Receiver scanned from 30MHz to 40GHz maximum, if any. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.
- The test data of the worst case condition(s) was recorded.

Test Setup:



- For the actual test configuration, please refer to the related item-Photographs of the Test configuration.

Data Sample:

Freq. MHz	Reading (dBuV)	Corr. Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Heigh (cm)	Remark
x.xx	16.49	9.86	26.35	30.00	-3.65	116.00	101.00	QP

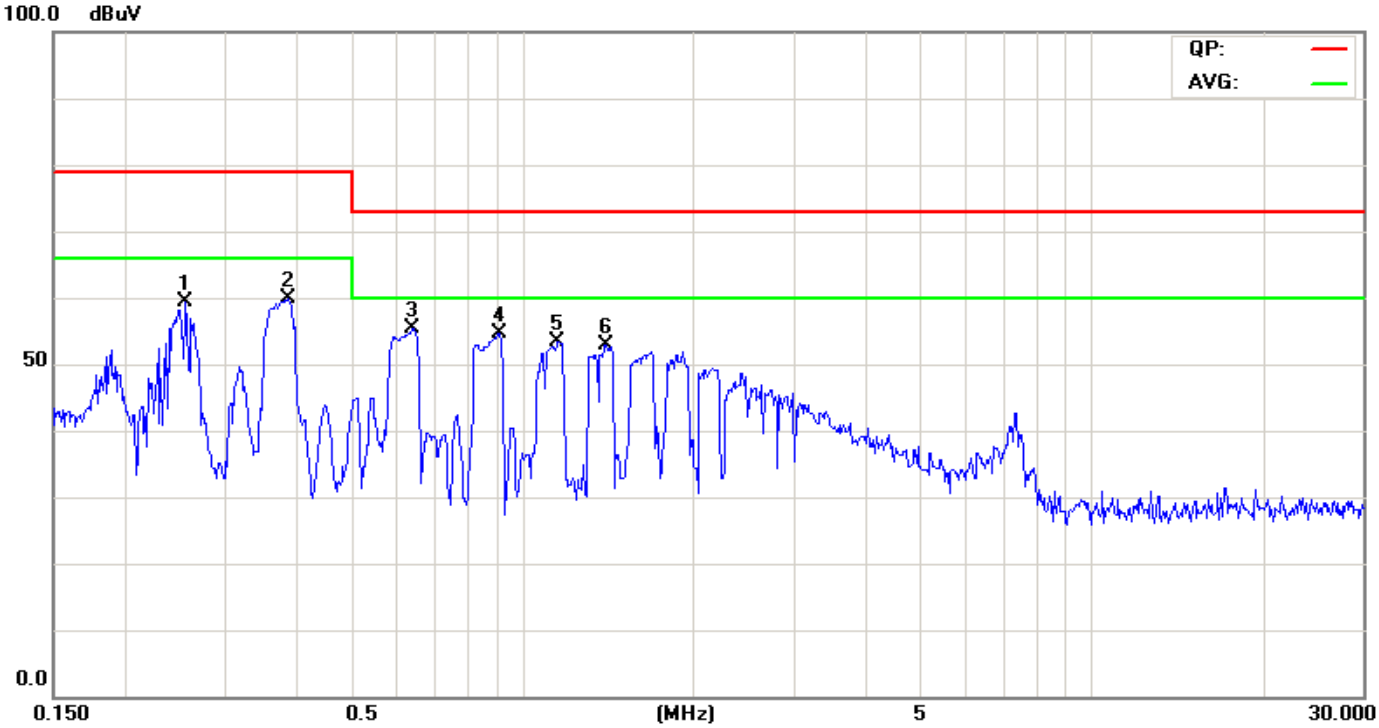
Freq. = Emission frequency in MHz
Reading(dBuV) = Uncorrected Analyzer / Receiver reading
Corr. Factor(dB/m) = Antenna factor+ Cable loss- Amplifier gain
Result (dBuV/m) = Reading(dBuV) + Corr. Factor(dB/m)
Limit (dBuV/m) = Limit stated in standard
Margin dB = Result(dBuV/m) – Limit(dBuV/m)
Q.P. = Quasi-Peak

7.4 TEST RESULTS

Line Conduction Emission

Linkou Conduction 4

Job No.:	T100830368	**Line:**	L1
Standard:	CISPR 22 Class A		
Test Item:	Conduction Emission	**Date:**	2010/08/24
Temp.(°C)/Hum.(%RH):	25°C/53%RH	**Time:**	AM 11:05
Company:	TYT	**Tested By:**	Eason
Model:	PID-426WD	**Test Mode:**	Mode 1

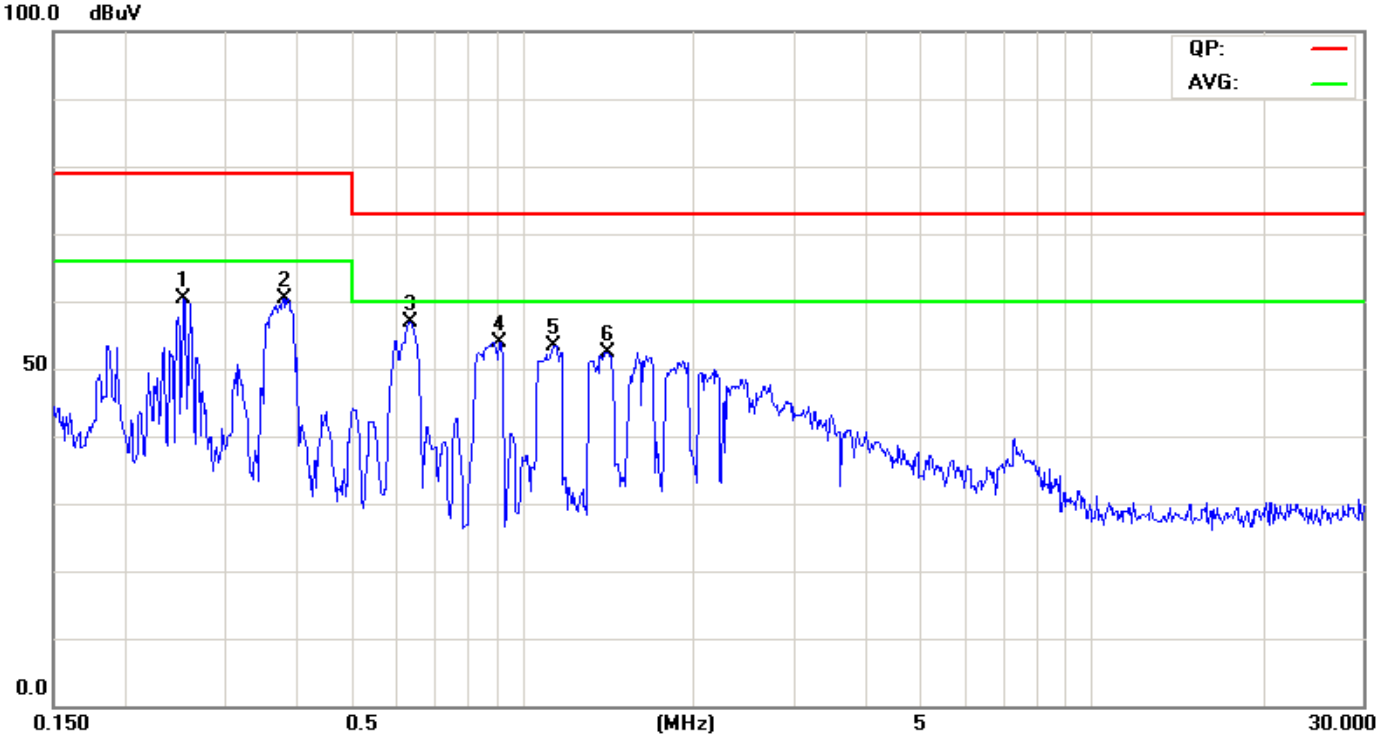


NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.2571	42.70	31.82	9.65	52.35	41.47	79.00	66.00	-26.65	-24.53	Pass
2	0.3831	47.79	43.56	9.65	57.44	53.21	79.00	66.00	-21.56	-12.79	Pass
3	0.6388	44.93	37.87	9.55	54.48	47.42	73.00	60.00	-18.52	-12.58	Pass
4	0.9044	42.40	31.21	9.56	51.96	40.77	73.00	60.00	-21.04	-19.23	Pass
5	1.1444	41.95	30.73	9.57	51.52	40.30	73.00	60.00	-21.48	-19.70	Pass
6	1.4006	41.18	28.69	9.60	50.78	38.29	73.00	60.00	-22.22	-21.71	Pass

L1=Line One(Live Line)

Linkou Conduction 4

Job No.:	T100830368	**Line:**	L2
Standard:	CISPR 22 Class A		
Test Item:	Conduction Emission	**Date:**	2010/08/24
Temp.(°C)/Hum.(%RH):	25°C/53%RH	**Time:**	AM 11:46
Company:	TYT	**Tested By:**	Eason
Model:	PID-426WD	**Test Mode:**	Mode 1



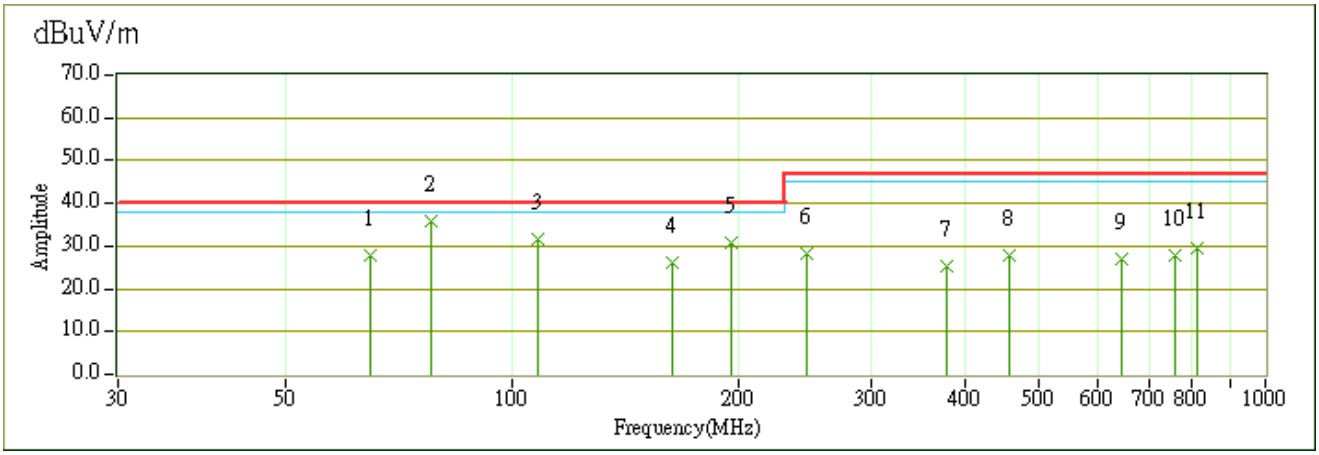
NO.	Frequency	Quasi Peak reading	Average reading	Correction factor	Quasi Peak result	Average result	Quasi Peak limit	Average limit	Quasi Peak margin	Average margin	Remark
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	(Pass/Fail)
1	0.2541	40.79	31.60	9.66	50.45	41.26	79.00	66.00	-28.55	-24.74	Pass
2	0.3813	48.05	44.41	9.66	57.71	54.07	79.00	66.00	-21.29	-11.93	Pass
3	0.6374	45.35	38.54	9.56	54.91	48.10	73.00	60.00	-18.09	-11.90	Pass
4	0.9123	42.42	30.30	9.57	51.99	39.87	73.00	60.00	-21.01	-20.13	Pass
5	1.1423	42.08	31.42	9.58	51.66	41.00	73.00	60.00	-21.34	-19.00	Pass
6	1.4063	41.29	27.92	9.61	50.90	37.53	73.00	60.00	-22.10	-22.47	Pass

L2=Line Two(Neutral Line)

Radiation Emission(A)

CCS Radiated Test OATS 1

Job No.:	T100702109	**Ant. Polar.:**	Ver.
Standard:	CISPR 22 Class A	**Tested Distance:**	10m
Test Item:	Radiated Emission	**Date:**	2010/8/25
Temp.(°C)/Hum.(%RH):	33°C/63%RH	**Time:**	PM 14:15
Company:	TYT	**Tested By:**	Tony Tsai
Model:	PID-426WD	**Test Mode:**	Mode 1

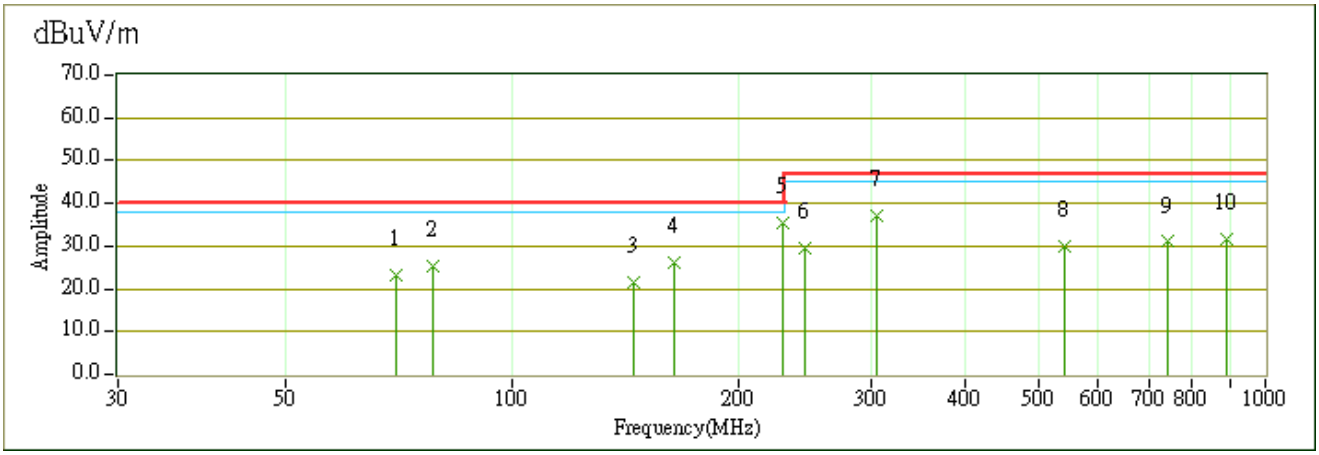


No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	65.00	46.08	-18.38	27.70	40.00	-12.30	61.40	100.00	Peak
2	78.16	52.50	-16.73	35.77	40.00	-4.23	129.70	100.00	QP
3	108.18	43.86	-12.06	31.80	40.00	-8.20	197.40	100.00	Peak
4	163.14	39.56	-13.56	26.00	40.00	-14.00	229.50	100.00	Peak
5	194.95	43.75	-13.13	30.62	40.00	-9.38	81.50	100.00	Peak
6	246.10	37.65	-9.25	28.40	47.00	-18.60	254.20	400.00	Peak
7	378.60	30.70	-5.30	25.40	47.00	-21.60	322.80	300.00	Peak
8	458.60	30.94	-2.94	28.00	47.00	-19.00	176.40	144.10	Peak
9	644.70	26.50	0.40	26.90	47.00	-20.10	18.00	121.00	Peak
10	758.00	25.48	2.32	27.80	47.00	-19.20	0.00	100.00	Peak
11	811.20	26.69	2.91	29.60	47.00	-17.40	345.60	100.00	Peak

Radiation Emission(B)

CCS Radiated Test OATS 1

Job No.:	T100702109	**Ant. Polar.:**	Ver.
Standard:	CISPR 22 Class A	**Tested Distance:**	10m
Test Item:	Radiated Emission	**Date:**	2010/8/25
Temp.(°C)/Hum.(%RH):	33°C/63%RH	**Time:**	PM 16:18
Company:	TYT	**Tested By:**	Tony Tsai
Model:	PID-426WD	**Test Mode:**	Mode 1



No.	Frequency (MHz)	Reading (dBuV)	Correction Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (°)	Height (cm)	Remark
1	70.00	41.49	-18.09	23.40	40.00	-16.60	253.30	400.00	Peak
2	78.40	42.09	-16.69	25.40	40.00	-14.60	197.10	400.00	Peak
3	144.78	33.37	-11.97	21.40	40.00	-18.60	259.10	400.00	Peak
4	163.79	39.77	-13.57	26.20	40.00	-13.80	15.40	400.00	Peak
5	229.12	46.90	-11.60	35.30	40.00	-4.70	296.10	400.00	Peak
6	244.90	39.01	-9.41	29.60	47.00	-17.40	251.80	400.00	Peak
7	305.53	44.09	-6.87	37.22	47.00	-9.78	0.00	303.30	Peak
8	540.20	31.57	-1.57	30.00	47.00	-17.00	0.00	134.90	Peak
9	743.40	28.97	2.03	31.00	47.00	-16.00	0.00	100.00	Peak
10	889.50	28.15	3.45	31.60	47.00	-15.40	360.00	100.00	Peak

Radiated Emission-Above 1GHz(A)

Model: PID-426WD
Test Mode: Mode 1
Temperature: 33℃
Humidity: 56% RH
Detector Function: Pk/ A.V.
Antenna: Vertical at 3m
Test By: Tony Tsai
Test Results: Pass

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Reading (dBuV)	Corr Factor (dB/m)	Emiss. Level (Pk) (dBuV/m)	Limit 3m (Pk) (dBuV/m)	Margin (dB)
1009.27	59.75	-12.71	47.04	79.50	-32.46
1112.23	57.00	-12.20	44.80	79.50	-34.70
1186.51	54.00	-11.84	42.16	79.50	-37.34
1489.77	57.75	-10.35	47.40	79.50	-32.10
1615.49	58.25	-9.64	48.61	79.50	-30.89
2495.39	54.25	-6.75	47.50	79.50	-32.00

Note: In case of peak reading complied with the limit at least 22dB margin, no measurement with A.V. detector required.

Radiated Emission-Above 1GHz(B)

Model: PID-426WD
Test Mode: Mode 1
Temperature: 33℃
Humidity: 56% RH
Detector Function: Pk/ A.V.
Antenna: Horizontal at 3m
Test By: Tony Tsai
Test Results: Pass

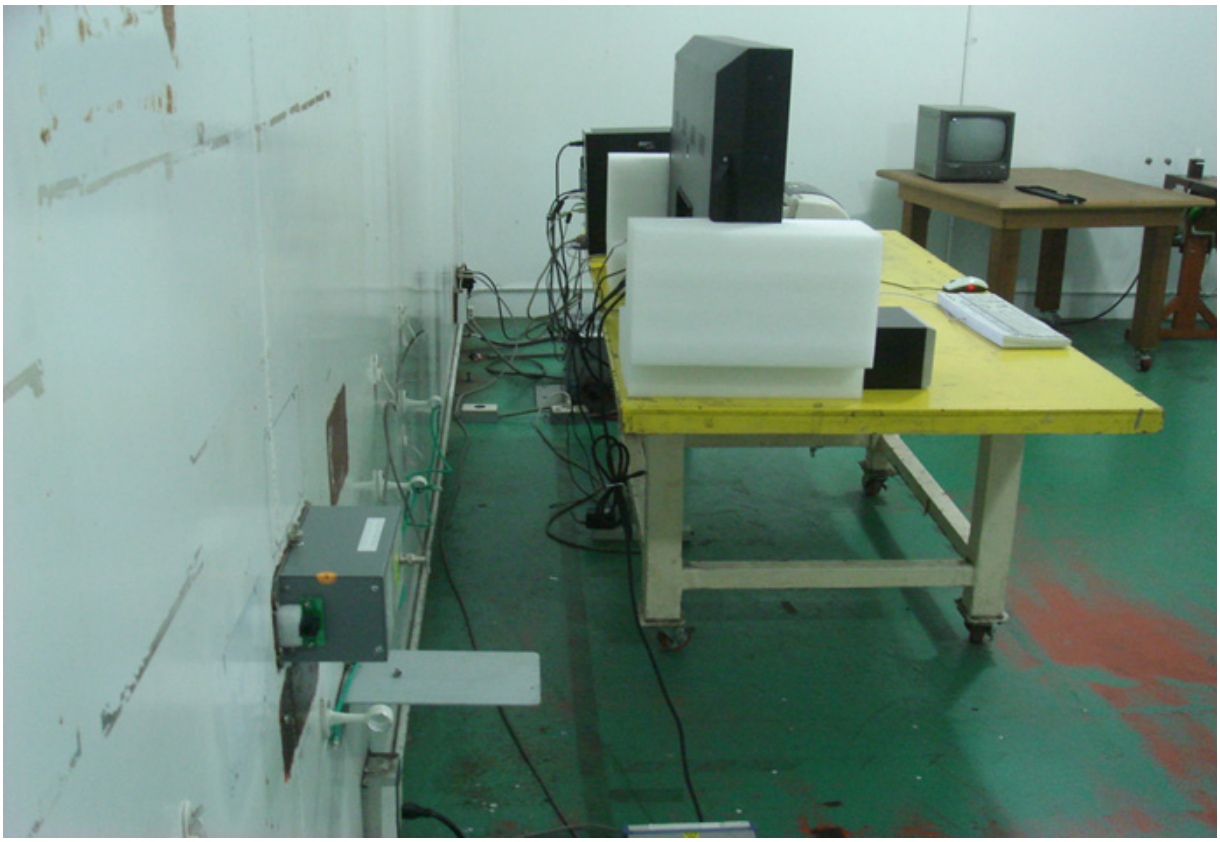
(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Reading (dBuV)	Corr Factor (dB/m)	Emiss. Level (Pk) (dBuV/m)	Limit 3m (Pk) (dBuV/m)	Margin (dB)
1009.43	57.00	-12.71	49.29	79.50	-30.21
1086.71	56.75	-12.33	49.42	79.50	-30.08
1112.71	57.00	-12.20	49.80	79.50	-29.70
1186.43	56.50	-11.84	49.66	79.50	-29.93
1286.71	58.25	-11.34	51.91	79.50	-27.59
1312.57	54.25	-11.22	48.03	79.50	-31.47

Note: In case of peak reading complied with the limit at least 22dB margin, no measurement with A.V. detector required.

APPENDIX I – PHOTOGRAPHS OF TEST SETUP

LINE CONDUCTED EMISSION TEST



RADIATED EMISSION TEST