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CE Safety Compliance Report
For
Summit Data Communications
Model
SDC-CF10AG
In accordance with
EN 60950-1:2001
Safety of information technology equipment,

CLIENT: Summit Data Communications
526 South Market
Suite 805
Akron, OH
USA

REPORT DATE: January 17, 2008

COMPLIANCE ENGINEER: _____
Roberto Pasos

TECHNICAL REVIEWER: _____
Tou Vang

PRODUCT SAFETY MANAGER: _____
Dave Jeffords

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Manufacturer's General Information:

Declaration Holder/Manufacturer: Summit Data Communications
526 South Market
Suite 805
Akron, OH
USA

Phone: (330) 289-7959
Fax: (330) 434-7931

Manufacturer's Representative: Ron Seide

Report Objective:

The Summit Data Communications model SDC-DF10AG has been evaluated in accordance with the following standard: EN 60950-1:2001 Safety of information technology equipment, including electrical business equipment".

The Summit Data Communications model SDC-DF10AG has been found to be compliant with the above standard for safety construction of the product and for the required safety performance testing. The clauses referenced in this report are applicable to the subject product. Comments pertaining to the clauses are for clarification or support of compliance to the clause. If clauses are not referenced, they are either non-applicable or narrative in nature.

Product Function:

The Summit Data Communications model SDC-DF10AG is a Wi-Fi radio transmitter that is designed to transmit data signals. The EUT would typically be connected to a portable data device. Therefore, the EUT was tested within a LXE Hand Held Computer/Scanner and treated as hand held. The EUT is powered by 3.3Vdc coming from the data device.

EU Declaration of Conformity:

The above Standard has been identified as the harmonized standard that needs to be met before declaring conformity with the Low Voltage (73/23/EEC) Directive. This Report per this Standard can serve as part of the documentation to be placed in the product Technical File as required by the Directive. The existence of a Technical File is required to support the EU Declaration of Conformity for this product. In addition to the Technical File, the Directive requires a "Declaration of Conformity" to the applicable standards (and/or Directives) and the affixing of the CE Marking to the product or its packaging.

Manufacturer's Documentation:

The manufacturer must keep the following documents on file and readily available if requested by the competent authorities.

1. Declaration of Conformity.

2. Copy of this Report.

3. Material such as design specifications, schematics, drawings, BOM's, operators' guides, and other supporting documentation in the Technical File. This file must be kept for 10 years after the last unit is produced and marketed in order to meet European Union requirements in effect at the publishing date of this report.

Generic Construction Criteria:

Interconnecting Cables: All interconnecting cables and cable assemblies used for external interconnection between parts of equipment or between components of a system are UL, CSA, Harmonized (HAR) marked VW-1 or FT-1, or equivalent rated for the temperature, voltage, and current in which it is exposed.

Printed Circuit Boards: All printed circuit boards, including flexible circuit boards, have a minimum flame rating of 94V-1 and a temperature rating of at least 105 °C.

Tubing/Sleeving: All tubing/sleeving used for compliance with the standards is UL, CSA, HAR or equivalent, rated for the temperature, voltage and current in which it is exposed.

Plastics: All internal plastics (excluding small electrical components, i.e., capacitors, chips & etc.) have a minimum flammability rating of V-2.

Dimensions: All dimensions are approximate unless otherwise specified.

Miscellaneous Components: Components not specifically described in the product description portion of this report are not deemed critical to safety. However, they should comply with the *Generic Construction Criteria*.

Plastics: All internal plastics (excluding small electrical components, i.e., capacitors, chips & etc.) have a minimum flammability rating of 94-HB

Product Description

General Product Information:

Product Type: WiFi Compact Flash Card
Models: SDC-SD10AG
Electrical Ratings: 3.3Vdc .5A Max.
Insulation Class: Class III
Connection to Supply: Compact Flash slot

Components:

Components that bear approval by a certification agency are denoted with the following abbreviations:

(VDE) - Verband Deutscher Electrotechniker
(TÜV Rh.) -Technische Uberwachungs-Verein - Rheinland
(TÜV PS)-Technische Uberwachungs-Verein - Product Service
(CSA) - Canadian Standards Association
(UL) - Underwriters Laboratories
(HAR) - Harmonized, approved component to a European Harmonized standard

** Indicates the component has a Certificate or License to an EN or IEC standard.

@@ Indicates compliance to a standard with equivalent requirements of EN 60950-1

The term "or equiv." is used in the report to denote components for which an equivalent manufacturer or part number may be used without affecting compliance with the applicable safety standards. Components *not* specified with an "or equiv." should be evaluated for continued compliance with the standards.

Enclosure Description and List of Critical Components

	Component	Manufacturer, Type, Rating	Tested By
1.	Enclosure	Various, V-1	UL
2.	Printed wiring board	Various Min V-1, 105°C	UL

Key - P – Pass
F – Fail
N – Not applicable
G – General

EN 60950-1:2001 Safety Clauses

Clause	Description	Test Results	Pass/Fail
1	*GENERAL*		-
1.1	SCOPE		-
1.1.1	Equipment Covered By This Standard	Computer accessory	P
1.1.2	Additional Requirements	No additional requirements	N
1.1.3	Exclusions	No exclusions	N
1.2	DEFINITIONS		-
1.2.1	Equipment Electrical Ratings	Consider adequate	P
1.2.2	Operating Conditions	Normal	P
1.2.3	Equipment Mobility	Hand-held	P
1.2.4	Classes of Equipment - Protection Against Electric Shock	Class III	P
1.2.5	Connection to the Supply	Powered by SELV source	N
1.2.6	Enclosures	Plastic 94V-1	P
1.2.7	Accessibility	No access intended by the operator	N
1.2.8	Circuits and Circuit Characteristics	No primary circuits	N
1.2.9	Insulation	Functional insulations used	P
1.2.10	Clearance and Creepage Distances	No primary circuits	N
1.2.11	Components	Definitions	P
1.2.12	Flammability	Various classes defined	P
1.2.13	Miscellaneous	General statement	P
1.3	GENERAL REQUIREMENTS		-
1.3.1	Application of Requirements	General statements	P
1.3.2	Equipment Design and Construction	The equipment is a Class III with no hazardous voltage and the enclosure is rated 94V-1	P
1.3.3	Supply Voltage	Electrical rating is 3.3Vdc .5A	P
1.3.4	Constructions not Specifically Covered	General statements	N
1.3.5	Equivalent Materials	General statements	N
1.3.6	Orientation During Transport and Use	General statements	N
1.3.7	Choice of Criteria	General statements	N
1.3.8	Examples Mentioned in the Standard	General statements	N
1.3.9	Conductive Liquids	General statements	N

1.4	GENERAL CONDITIONS FOR TESTS		-
1.4.1	Application of Tests	General statements	N
1.4.2	Type Tests	General statements	P
1.4.3	Test Samples	Samples are representative of the actual product	P
1.4.4	Operating Parameters for Tests	General Statement	N
1.4.5	Supply Voltage for Tests	Tests were preformed at 3.1Vdc	P
1.4.6	Supply Frequency for Tests	DC	N
1.4.7	Electrical Measuring Instruments	All test equipment used is calibrated annually	P
1.4.8	Normal Operating Voltages	General statements	N
1.4.9	Measurement of Voltage to Earth	General statements	N
1.4.10	Loading Configuration of the EUT	Tested under normal operations. Load was an LXE Rugged Handheld Computer	P
1.4.11	Power From a Telecommunication Network	General statements	N
1.4.12	Temperature Measurement Conditions	Room Temperature as ambient	N
1.4.13	Temperature Measurement Methods	J-Type Thermocouple method	P
1.4.14	Simulated Faults and Abnormal Conditions	Output short-circuit	P
1.5	COMPONENTS		-
1.5.1	General	All applicable components, equipments were agencies approved	P
1.5.2	Evaluation and Testing of Components	General requirements	N
1.5.3	Thermal Controls	No such controls	N
1.5.4	Transformers	No mains transformers	N
1.5.5	Interconnecting Cables	No interconnection cables	N
1.5.6	Capacitors in Primary Circuits	No primary circuit	N
1.5.7	DOUBLE OR REINFORCED INSULATION BRIDGED BY COMPONENTS		-
1.5.7.1	Bridging Capacitors	No capacitors of this type	N
1.5.7.2	Bridging Resistors	No resistors of this type	N
1.5.7.3	Accessible Parts	No such parts used	N
1.5.8	Components in Equipment for IT Power Systems	Not for IT Power Systems	N
1.6	POWER INTERFACE		-
1.6.1	AC Power Distribution Systems	Not an AC power distribution system	N
1.6.2	Input Current	SELV consideration	P
1.6.3	Voltage Limit of Hand-Held Equipment	Below 250V	P

1.6.4	Neutral Conductor	General Statements	N
1.7	MARKINGS AND INSTRUCTIONS		-
1.7.1	Power Rating	Not required. No connections to mains.	N
1.7.2	Safety Instructions	Stated in the user manual	P
1.7.3	Short Duty Cycles	Continuous operation intended	N
1.7.4	Supply Voltage Adjustment	No adjustment	N
1.7.5	Power Outlets of the Equipment	No power outlets provided	N
1.7.6	Fuse Identification	None used	N
1.7.7	WIRING TERMINALS		-
1.7.7.1	Protective Earthing and Bonding Terminals	Equipment is Class III	N
1.7.7.2	Terminals for a.c. Mains Supply Conductors	No a.c. mains connections	N
1.7.7.3	Terminals for d.c. Mains Supply Conductors	No d.c. mains connections	N
1.7.8	CONTROLS AND INDICATORS		-
1.7.8.1	Identification, Location, and Marking	Unit is properly labeled.	P
1.7.8.2	Colors	No such parts	N
1.7.8.3	Symbols	Standby symbol provided	P
1.7.8.4	Markings Using Figures	No such markings	N
1.7.9	Isolation of Multiple Power Sources	No multiple power source	N
1.7.10	IT Power Systems	Not for IT systems	N
1.7.11	Thermostats and Other Regulating Devices	No such devices	N
1.7.12	Language	Intended to be translated for the country of import	P
1.7.13	Durability	All markings on the equipment are evaluated under its safety evaluation.	P
1.7.14	Removable Parts	No removable parts	N
1.7.15	Replaceable Batteries	No batteries	N
1.7.16	Operator Access With a Tool	No access intended	N
1.7.17	Equipment for Restricted Access Locations	Not for restricted access locations	N

Clause	**Description**	**Test Results**	**Pass / Fail**
2	*PROTECTION FROM HAZARDS*		-
2.1	PROTECTION FROM ELECTRIC SHOCK AND ENERGY HAZARDS		-
2.1.1	Protection in operator access areas	Class III equipment. No hazardous voltage within equipment.	N
2.1.1.1	Access to Energized Parts	See above	N

2.1.1.2	Battery Compartments	No TNV	N
2.1.1.3	Access to ELV Wiring	No ELV wiring	N
2.1.1.4	Access to Hazardous Voltage Circuit Wiring	Class III equipment. No hazardous voltage within equipment.	N
2.1.1.5	Energy Hazards	No energy hazardous	N
2.1.1.6	Manual Controls	No such conductive controls	N
2.1.1.7	Discharge of Capacitors in the Primary Circuit	Equipment does not connect to an a.c. or d.c. mains supply	P
2.1.2	Protection in Service Access Areas	No serviceable parts inside intended.	N
2.1.3	Protection in Restricted Access Areas	No such location	N
2.2	SELV CIRCUITS		-
2.2.1	General requirements	General requirements	P
2.2.2	Voltages under normal conditions	3.3Vdc	P
2.2.3	VOLTAGES UNDER FAULT CONDITIONS		-
2.2.3.1	Separation by double or Reinforced Insulation (Method 1)	No reinforced insulation within equipment	N
2.2.3.2	Separation by Earthed Screen (Method 2)	Class III Equipment	N
2.2.3.3	Protection by Earthing of SELV Circuit (Method 3)	Class III Equipment	N
2.2.4	Connection of SELV Circuits to Other Circuits	No connections	N
2.3	TNV CIRCUITS		-
2.3.1	Limits	No TNV circuit present	N
2.3.2	Separation From Other Circuits and From Accessible Parts	No TNV circuit present.	N
2.3.3	Separation From Hazardous Voltages	No TNV circuit present.	N
2.3.4	Connection of TNV to Other Circuits	No TNV circuit present.	N
2.3.5	Test for Operating Voltages Generated Externally	No TNV circuit present.	N
2.4	LIMITED CURRENT CIRCUITS		-
2.4.1	General requirements	No limited current circuits present	N
2.4.2	Limit Values	No limited current circuits present	N
2.4.3	Connection of Limited Current Circuits to Other Circuits	No limited current circuits present	N
2.5	LIMITED POWER SOURCES	No limited power sources present	N
2.6	PROVISIONS FOR EARTHING AND BONDING		-
2.6.1	Protective Earthing	Equipment is Class III	N
2.6.2	Functional Earthing	Equipment is Class III	N

2.6.3	PROTECTIVE EARTHING AND PROTECTIVE BONDING CONDUCTORS		-
2.6.3.1	Size of Protective Earthing Conductors	Equipment is Class III	N
2.6.3.2	Size of Protective Bonding Conductors	See above	N
2.6.3.3	Resistance of Earthing Conductors and Their Terminations	See above	N
2.6.3.4	Color of Insulation	See above	N
2.6.4	TERMINALS		-
2.6.4.1	Protective Earthing and Bonding Terminals	Equipment is Class III	N
2.6.4.2	Separation of the Protective Earthing Conductor From Protective Bonding Conductors	See above	N
2.6.5	INTEGRITY OF PROTECTIVE EARTHING		-
2.6.5.1	Interconnection of Equipment	Equipment is Class III	N
2.6.5.2	Components in Protective Earthing Conductors and Protective Bonding Conductors	See above	N
2.6.5.3	Disconnection of Protective Earth	See above	N
2.6.5.4	Parts That Can be Removed by an Operator	See above	N
2.6.5.5	Parts Removed During Servicing	See above	N
2.6.5.6	Corrosion Resistance	See above	N
2.6.5.7	Screws For Protective Boding	See above	N
2.6.5.8	Reliance on Telecommunication Network	See above	N
2.7	OVERCURRENT AND EARTH FAULT PROTECTION IN PRIMARY CIRCUITS		-
2.7.1	Basic Requirements	No primary circuits	N
2.7.2	Faults Not Covered in Sub-Clause 5.3	See above	N
2.7.3	Short-Circuit Backup Protection	See above	N
2.7.4	Number and Location of Protective Devices	See above	N
2.7.5	Protection by Several Devices	See above	N
2.7.6	Warning to Service Personnel	See above	N
2.8	SAFETY INTERLOCKS		-
2.8.1	General Principals	No interlocks	N

2.8.2	Protective Requirements	No interlocks	N
2.8.3	Inadvertent Reactivation	No interlocks	N
2.8.4	Fail-Safe Operation	No interlocks	N
2.8.5	Interlock With Moving Parts	No interlocks	N
2.8.6	Overriding an Interlock	No interlocks	N
2.8.7	SWITCHES AND RELAYS IN INTERLOCK SYSTEMS		-
2.8.7.1	Contact Gaps	No interlocks	N
2.8.7.2	Overload Test	No interlocks	N
2.8.7.3	Endurance Test	No interlocks	N
2.8.7.4	Electric Strength Test	No interlocks	N
2.8.8	Mechanical Actuators	No interlocks	N
2.9	ELECTRICAL INSULATION		-
2.9.1	Properties of Insulating Materials	Evaluated under each safety approved equipments	N
2.9.2	Humidity Conditioning	See above	N
2.9.3	Requirements For Insulation	See above	P
2.9.4	Insulation Parameters	See above	P
2.9.5	Categories of Insulation	See above	P
2.10	CLEARANCES, CREEPAGE DISTANCES AND DISTANCES THROUGH INSULATION		-
2.10.1	General	Equipment is rated 3.3Vdc	N
2.10.2	Determination of Working Voltage	See above	N
2.10.3	Clearances		-
2.10.3.1	General	No primary circuits	N
2.10.3.2	Clearances in Primary Circuits	See above	N
2.10.3.3	Clearance in Secondary Circuits	See 5.3.4c	P
2.10.3.4	Measurement of Transient Levels	No transient voltages	N
2.10.4	Creepage Distances	See 5.3.4c	P
2.10.5	Solid Insulation		N
2.10.5.1	Minimum Distance Through Insulation	See above	N
2.10.5.2	Thin Sheet Material	None used	N
2.10.5.3	Printed Boards	See above	N
2.10.5.4	Wound Components	No wound components using basic insulation between windings	N
2.10.6	Coated Printed Boards		-
2.10.6.1	General	No coated printed boards	N
2.10.6.2	Sample Preparation and Preliminary Inspection	See above	N
2.10.6.3	Thermal Cycling	See above	N

2.10.6.4	Thermal Aging	See above	N
2.10.6.5	Electric Strength Test	See above	N
2.10.6.6	Abrasion Resistance Test	See above	N
2.10.7	Enclosed And Sealed Parts	No enclosure or sealed parts	N
2.10.8	Spacing Filled by Insulating Compound	No spacing filled by insulation compound	N
2.10.9	Component External Terminations	No compound external terminations	N
2.10.10	Insulation With Varying Dimensions	No insulation with varying dimensions	N

Clause	**Description**	**Test Results**	**Pass/Fail**
3	*WIRING, CONNECTIONS AND SUPPLY*		-
3.1	GENERAL		-
3.1.1	Current Rating and Over current Protection	No internal or interconnecting wires	N
3.1.2	Protection Against Mechanical Damage	No wireways	N
3.1.3	Securing of Internal Wiring	No internal wires	N
3.1.4	Insulation of Conductors	No internal conductors	N
3.1.5	Beads and Ceramic Insulators	No such beads or ceramic insulators	N
3.1.6	Screws For Electrical Contacts Pressure	Non used	N
3.1.7	Non-Metallic Materials in Electrical Connections	None used	N
3.1.8	Self-Tapping and Spaced Thread Screws	No such screws	N
3.1.9	Termination of Conductors	No internal or interconnecting wires	N
3.1.10	Sleeving on Wiring	None used	N
3.2	CONNECTION TO A.C. MAINS SUPPLIES		-
3.2.1	Means of Connection	No a.c. or d.c. mains connections	N
3.2.2	Multiple Supply Connections	See above	N
3.2.3	Permanently Connected Equipment	See above	N
3.2.4	Appliance Inlets	See above	N
3.2.5	Power Supply Cords	See above	N
3.2.6	Cord Anchorages and Strain Relief	See above	N
3.2.7	Protection Against Mechanical Damage	See above	N
3.2.8	Cord Guards	See above	N
3.2.9	Supply Wiring Space	See above	N
3.3	WIRING TERMINALS FOR CONNECTION OF EXTERNAL CONDUCTORS		-
3.3.1	Wiring Terminals	No such terminals	N

3.3.2	Connection of Non-Detachable Power Supply Cords	Non detachable power supply cords not used	N
3.3.3	Screw Terminals	No such terminals	N
3.3.4	Conductor Sizes to be Connected	None used	N
3.3.5	Wiring Terminal Sizes	No wiring terminals used	N
3.3.6	Wiring Terminal Design	See above	N
3.3.7	Grouping of Wiring Terminals	See above	N
3.3.8	Stranded Wire	See above	N
3.4	DISCONNECTION FROM THE A.C. MAINS SUPPLY		-
3.4.1	General Requirement	Equipment does not connect to mains supply	N
3.4.2	Disconnect Devices	See above	N
3.4.3	Permanently Connected Equipment	See above	N
3.4.4	Parts Which Remain Energized	See above	N
3.4.5	Switches in Flexible Cords	See above	N
3.4.6	Single-Phase Equipment	See above	N
3.4.7	Three-Phase Equipment	See above	N
3.4.8	Switches as Disconnect Devices	See above	N
3.4.9	Plugs as Disconnect Devices	See above	N
3.4.10	Interconnected Equipment	See above	N
3.4.11	Multiple Power Sources	See above	N
3.5	INTERCONNECTION OF EQUIPMENT		-
3.5.1	General Requirements	Does not connect to other equipment	N
3.5.2	Types of Interconnection Circuits	See above	N
3.5.3	ELV Circuits as Interconnection Circuits	See above	N

Clause	**Description**	**Test Results**	**Pass / Fail**
4	*PHYSICAL REQUIREMENTS*		-
4.1	STABILITY		-
4.2	MECHANICAL STRENGTH		-
4.2.1	General	General requirements	N
4.2.2	Steady Force Test, 10 N	No hazardous voltage within equipment	N
4.2.3	Steady Force Test, 30 N	No covers or door	N
4.2.4	Steady Force Test, 250 N	See above	N
4.2.5	Impact Test	See above	N
4.2.6	Drop Test	See above	N
4.2.7	Stress Relief	See above	N
4.2.8	Cathode Ray Tubes	No such tube	N

4.2.9	High Pressure Lamps	No high pressure lamps	N
4.2.10	Wall or Ceiling Mounted Equipment	Not a wall or ceiling mount equipment	N
4.3	DESIGN AND CONSTRUCTION		-
4.3.1	Edges and Corners	Smooth edges and corners provided	P
4.3.2	Handles and Manual Controls	No manual control	N
4.3.3	Adjustable Controls	No adjustable control	N
4.3.4	Securing of Parts	Secured as required	P
4.3.5	Connection of Plug and Sockets	No hazard from misconnection of plugs and sockets	P
4.3.6	Direct Plug-In Equipment	Not direct plug in equipment	N
4.3.7	Heating Elements in Earthed Equipment	No such elements	N
4.3.8	Batteries	No batteries provided	N
4.3.9	Oil And Grease	Not intended to be subjected to oil or grease	N
4.3.10	Dust, Powders, Liquids and Gases	Does not produce these	N
4.3.11	Containers For Liquids or Gases	No such containers	N
4.3.12	Flammable Liquids	No such liquids	N
4.3.13	Radiation	Does not produce radiation	N
4.4	PROTECTION AGAINST HAZARDOUS MOVING PARTS		-
4.4.1	General	No moving parts	N
4.4.2	Protection in Operator Access Areas	See above	N
4.4.3	Protection in Restricted Access Locations	See above	N
4.4.4	Protection in Service Access Areas	See above	N
4.5	THERMAL REQUIREMENTS		-
4.5.1	Temperature Rises	See appended table below for details	P
4.5.2	Resistance to Abnormal Heat	No Hazardous voltages	N
4.6	OPENINGS IN ENCLOSURES		-
4.6.1	Top and Side Openings	No hazardous voltage within equipment.	N
4.6.2	Bottoms of Fire Enclosures	See above	N
4.6.3	Doors or Covers in Fire Enclosures	See above	N
4.6.4	Openings in Transportable Equipment	See above	N
4.6.5	Adhesives for Constructional Purposes	See above	N
4.7	RESISTANCE TO FIRE		-

4.7.1	Reducing the Risk of Ignition and Spread of Flame	V-0 plastic enclosure is used	P
4.7.2	Conditions for a Fire Enclosure		P
4.7.2.1	Parts Requiring a Fire Enclosure	See above	N
4.7.2.2	Parts Not Requiring a Fire Enclosure	See above	N
4.7.3	Materials		-
4.7.3.1	General	General requirements	N
4.7.3.2	Materials for Fire Enclosures	94V-1 plastic enclosure is used	P
4.7.3.3	Materials for Components and Other Parts Outside Fire Enclosures	Evaluated under individual equipment approvals	N
4.7.3.4	Materials for Components and Other Parts Inside Fire Enclosure	See above	N
4.7.3.5	Materials for Air Filter Assemblies	See above	N
4.7.3.6	Materials Used in High-Voltage Components	See above	N

Clause	Description	Test Results	Pass / Fail
5	*ELECTRICAL REQUIREMENTS and SIMULATED ABNORMAL CONDITIONS*		-
5.1	TOUCH CURRENT AND PROTECTIVE CONDUCTOR CURRENT		-
5.1.1	General	d.c powered, test not required	N
5.1.2	Equipment Under Test (EUT)	See above	N
5.1.3	Test Circuit	See above	N
5.1.4	Application of Measuring Instrument	See above	N
5.1.5	Test Procedure	See above	N
5.1.6	Test Measurements	See above	N
5.1.7	Equipment With Touch Current Exceeding 3.5 ma	See above	N
5.1.8	Touch Currents to and From Telecommunications Networks		-
5.1.8.1	Limitation of the Touch Current To a Telecommunication Network	See above	N
5.1.8.2	Summation of Touch Current From Telecommunication Networks	See above	N
5.2	ELECTRIC STRENGTH		-
5.2.1	General	General statement	P
5.2.2	Test Procedure	General statement	P
5.3	ABNORMAL OPERATING AND FAULT CONDITIONS		-
5.3.1	Protection Against Overload and Abnormal Operation	Test not required	N
5.3.2	Motors	No motors	N
5.3.3	Transformers	No transformer	N
5.3.4	Functional Insulation	Meets the creepage and clearance requirements	P
5.3.5	Electromechanical Components	No such components	N
5.3.6	Simulation of Faults	General test scenarios	N
5.3.7	Unattended Equipment	No such thermal controls	N
5.3.8	Compliance Criteria for Abnormal Operating and Fault Conditions		-
5.3.8.1	During the Tests	Not required	N
5.3.8.2	After the Tests	Not required	N

Clause	Description	Test Results	Pass / Fail
6	**CONNECTION TO TELECOMMUNICATION NETWORKS**	**None provided, Not applicable**	-
6.1	PROTECTION OF TELECOMMUNICATION NETWORKS SERVICE PERSONNEL, AND USERS OF OTHER EQUIPMENT CONNECTED TO THE NETWORK, FROM HAZARDS IN THE EQUIPMENT		-
6.1.1	Protection from hazardous voltages	No applicable	N
6.1.2	Separation of the telecommunication network from earth		-
6.1.2.1	Requirements	No applicable	N
6.1.2.2	Exclusions	No applicable	N
6.2	PROTECTION OF EQUIPMENT USERS FROM OVERVOLTAGES ON TELECOMMUNICATION NETWORKS		-
6.2.1	Separation requirements	No applicable	N
6.2.2	Electric strength test procedure		-
6.2.2.1	Impulse test	No applicable	N
6.2.2.2	Steady-state test	No applicable	N
6.2.2.3	Compliance criteria	No applicable	N
6.3	PROTECTION OF THE TELECOMMUNICATION WIRING SYSTEM FROM OVERHEATING	No applicable	N

Tests

	TABLE: temperature tests			P
	Test conditions	Normal Full Load		
	Frequency (Hz)	:	dc	—
	Duration (h, min)	:	5 hours	—
	Voltage (V)	:	3.1Vdc	—
	Ambient temperature Ta (°C)	:	17.8	—
	Measurements: 1 - part; 2 - measured temperature (Tm (°C)); 3 – comments			

1	2	3
Enclosure	46	Pass
U1	44	Pass
PWB	43	Pass
Ambient	17.8	-
Note: Temperature testing was done with the EUT connected to an LXE Handheld Computer.		

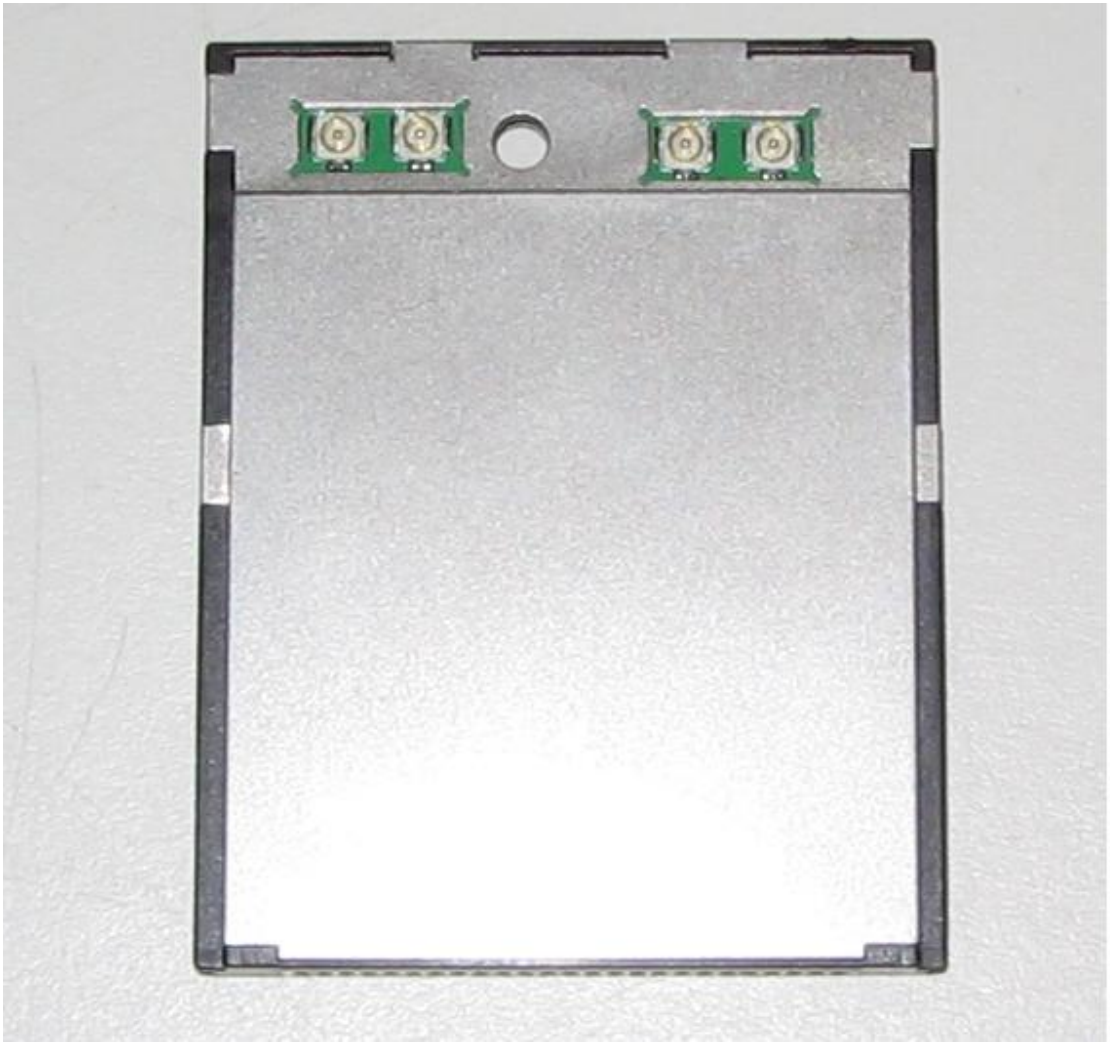
Equipment List

Heating Test
Engineer: Roberto Pasos

Manufacturer	Description	Model #	Asset #	Cal Due
Omega Engineering	Temp Reader		00818	30-Mar-08
Fluke	Multi Meter	73	00077	30-Mar-08

Photographs

Front



Rear


MODEL NAME: SDC-CF10AG
S/N: CF10AG070907000026
MAC:001723023EE0