



ISO/IEC17025 Accredited Lab.

Report No: TW1207073-02
File reference No: 2012-09-22

Applicant: TBS Avionics Limited

Product: Video Transmitter

Model No: TBS GREENHORN

Trademark: TBS

Test Standards: ETSI EN301 489-1 v 1.9.2
(2011-09)
ETSI EN301 489-3 v 1.4.1
(2002-08)

Test result: The EMC testing has been performed on the submitted samples and found in compliance with council EMC Directive 2004/108/EC and R & TTE Directive 1999/5/EC

Approved By
Jack Chung

Jack Chung

EMC Manager

Dated: September 22, 2012

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO., LTD

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Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.:899988.

IC- Registration No.: IC5205A-01

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration No.: IC 5205A-01.



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1. General Information

1.1 Notes

The test results of this report relate exclusively to the test item specified in 1.5. The TIMEWAY Lab does not assume Responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of the TIMEWAY Lab.

1.2 Testing Laboratory

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Site on File With the Federal Communications and Commission – United States

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-01

For 3m & 10 m OATS

1.3 Details of Applicant

Name: TBS Avionics Limited

Address: Room 1302 13/F CRE Building, 303 Hennessy Road Wanchai, Hong Kong

1.4 Application Details

Date of Receipt of Application: July 18, 2012

Date of Receipt of Test Item: July 18, 2012

Date of Test: July 18, 2012~ August 12, 2012

1.5 Test Item

Manufacturer: TBS Avionics Limited

Address: Room 1302 13/F CRE Building, 303 Hennessy Road Wanchai, Hong Kong

Brand Name: TBS

Model No.: TBS GREENHORN

Addition Model No.: N/A

Description: Video Transmitter

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Additional Information

Frequency: 5.865GHz、5.845GHz、5.825GHz、5.805GHz、5.785GHz、5.765GHz、5.745GHz、5.735GHz
Number of Channels: 84
Modulation Type: FM
Antenna Designation: Omni antenna with gain 2.0dBi
Power Supply: DC 5V
Operation Distance: N/A
Resolution: N/A

Note: Classification according to CEPT/ERC Recommendation 70-03 & ETSI EN301 489-3 v 1.4.1 (2002-08)

1.6 Equipment Classification

Equipment Category: 3

1.7 List of Ports

Port	Description	Classification ¹	Maximum cable Length	Cable Type
N/A				

Note ¹ports shall be classified as ac power, dc power or signal/control port.

²Maximum cable length corresponding to the appropriate ports shall be classified as $\leq 3m$ or $> 3m$.

1.8 Ancillary and Peripheral Devices

Description	Designation	Serial No.	Manufacturer
N/A			

List of Peripheral Devices Used for Testing

Description	Designation	Serial No.	Manufacturer
N/A			

Note: An Equipment (apparatus) used in connection with a receiver or transmitter is considered as an ancillary Equipment (apparatus) if:

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- a. The equipment is intended for use in conjunction with a receiver or transmitter to provide additional operational and/or control features to the radio equipment. (e.g. to extend control to another position or location); and
- b. The equipment cannot be used on a stand alone basis to provide user functions independently of a receiver or transmitter; and
- c. The receiver or transmitter to which it is connected, is capable of providing some intended operation such as transmitting and/or receiving without the ancillary equipment (i.e. it is not a sub-unit of the main equipment essential to the main equipment basic functions).

1.9 Test Standards

ETSI EN 301 489-1 v 1.9.2 (2011-09)
Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
ETSI EN 301 489-3 v 1.4.1 (2002-08)
Electromagnetic compatibility and Radio spectrum Matters (ERM);
Electromagnetic Compatibility (EMC) standard for radio equipment and services;
Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz

Note: All radiated measurements were made in all three orthogonal planes. The values reported are the maximum values.

1.10 Test or Witness Test Engineering

Test By: Terry Tang
Printing Name: Terry Tang



2. Technical Test

2.1 Summary of Test Results

No deviations from the technical specification(s) were ascertained in the course of the tests Performed	
Final Verdict: (Only "Passed" if all Measurements are "Passed")	Pass

2.2 Test Report

Emission (EMI)

EMI Phenomenon	Port	Requirement		EUT Setup	Result	Applicability
		Standard	Basic Standard			
Conducted Interference Voltage	AC Mains	ETSI EN 301489-1: 2011-09 Clause 8.4	EN 55022: 2006 +A1:2007	Refer to Section 4	Complies	Not Applicable
Radiated Interference Field Strength 30~6000MHz	Enclosure	ETSI EN 301489-1: 2011-09 Clause 8.2	EN 55022: 2006 +A1:2007	Refer to Section 4	Complies	Not Applicable
Harmonic Current Emissions	AC Mains Input Port	ETSI EN 301489-1: 2011-09 Clause 8.5	EN 61000-3-2:2006 + A1: 2009 +A2:2009	Refer to Section 4	Complies	Not Applicable
Flicker & Voltage Fluctuation	AC Mains Input Port	ETSI EN 301489-1: 2011-09 Clause 8.6	EN 61000-3-3:2008	Refer to Section 4	Complies	Not Applicable

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Immunity (EMS)

EM3 Phenomenon	Port	Requirement		EUT Setup	Result	Applicability
		Standard	Basic Standard			
Electronic Discharge (ESD)	Enclosure	ETSI EN 301 489-1: 2011-09 Clause 9.3	EN 61000-4-2: 2009	Refer to Section 4	Complies	Applicable
RF-Electro-Magnetic Field (80-1000MHz) And 1400-2700MHz)	Enclosure	ETSI EN 301 489-1: 2011-09 Clause 9.2	EN 61000-4-3: 2006	Refer to Section 4	Complies	Applicable
Fast Transients, Burst	Power Line AC/DC	ETSI EN 301 489-1: 2011-09 Clause 9.4	EN 61000-4-4: 2004 +A1:2010	Refer to Section 4	Complies	Not Applicable
Surge	Power Line (1 phase)	ETSI EN 301 489-1: 2011-09 Clause 9.6	EN 61000-4-5: 2006	Refer to Section 4	Complies	Not Applicable
Transients & Surge Vehicular Environment	Power Line (Car Charge)	ETSI EN 301 489-1: 2011-09 Clause 9.8	ISO 7637-1/2:1990 (12/124VDC)	N/A	Complies	Not Applicable
RF Common Mode (0.15-80MHz)	Power Line AC/DC signal Lines	ETSI EN 301 489-1: 2011-09 Clause 9.5	EN 61000-4-6: 2009	Refer to Section 4	Complies	Not Applicable
Vol. Dips, Interruptions& Fluctuations (AC Power)	Input& Output AC Ports only	ETSI EN 301 489-1: 2011-09 Clause 9.7	EN 61000-4-11 2004	Refer to Section 4	Complies	Not Applicable

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N/A=Not Applicable

-Performance criteria A for immunity tests with phenomena of a continuous nature;

Communication between the Tx and Rx in the front of pings should not drop during the test.

-Performance criteria B for immunity tests with phenomena of a transient nature;

N/A

-Performance criteria C for immunity tests with power interruptions exceeding a certain time.

N/A

Note: For details see subclause 6.1 ETSI EN 301 489-3



Clause 8.2 Emission Test – Radiated Emission

This test assesses that ability of ancillary equipment to limit their internal noise from being radiated from the enclosure.

According to EMC basic standard (EN 55022)

Measurement according to EMC basic standard, The test results correspond to the 3m Semi-Anechoic Chamber results.

The EUT and it simulators are placed on a turntable which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission, all of The interface cables must be manipulated according to EN55022: 2006+A1:2007 on radiated measurement.

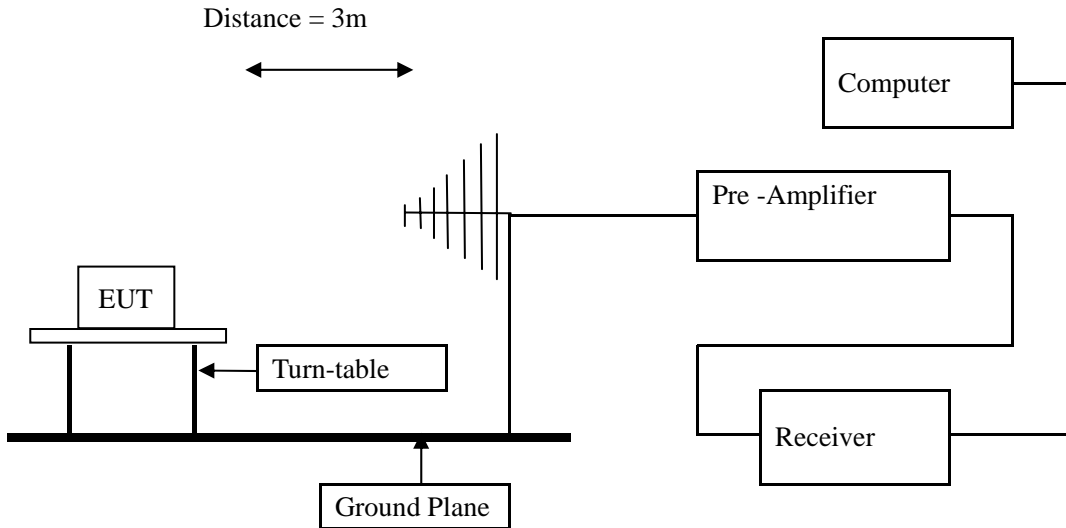
Radiated emissions were investigated over the frequency range from 30MHz to 1 GHz using a receiver bandwidth of 120kHz.

Radiated emissions were investigated over the frequency range from 30MHz to 6 GHz

Radiated Emission was performed at an antenna to EUT distance of 3 meters.

Radiated Emission Test

Block diagram of Test setup



Power line conducted Emission Limit

Frequency Range (MHz)	Distance (m)	Quasi-Peak limits (dB μ V/m)
30-230	10/3	30.0/40.0
230-1000	10/3	37.0/47.0
1000-3000	3	50 (AV) /70 (PK)
3000-6000	3	54 (AV) /74 (PK)

Note: The lower limit shall apply at the transition frequencies

Test result:

N/A

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Clause 8.4 AC Line Conducted Emissions

According to EMC Basic Standard (EN 55022 [7] Class-B)

1. For the table top EUT the distance to the reference ground plane (wall) should be 40 cm.
2. AC input line plugged into LISN.

EUT Under Normal operation

Results

Power Line (L, N)	EUT Operating mode or operating mode no.	Detector (Peak, AV, QP)	Additional (scan-) Information (e.g. Pre-test Fast scan, Maxhold, Final measurement.)	Result (Passed / Failed)
L=>GND	Normal operation	QP	--	N/A
N=>GND	Normal operation	QP	--	N/A

The frequency spectrum from 0.15MHz to 30MHz was investigated. All readings are quasi -peak values with a resolution bandwidth of 9 KHz

- . Temperature: 25°C
- . Humidity: 53% RH



Clause 8.5 Harmonic Current Emissions

This test was performed as per EMC Basic Standard EN61000-3-2:2006+A1:2009+A2:2009

EUT Operating Mode

Rx under Middle operation

Results: N/A

Port	EUT Operating mode or operating mode no.	Result (Passed / Failed)
AC Input	Normal operation	N/A

Please see the following test figure:

Table 1 - Limit of Harmonics Current Measurement	
Limits for Class A equipment	
Harmonics order (n)	Max. permissible harmonics current (A)
Odd harmonics	
3	2.3
5	1.14
7	0.77
9	0.40
11	0.33
13	0.21
15<=n<=39	0.15 x 15/n
Even harmonics	
2	1.08
4	0.43
6	0.30
8<=n<=40	0.23 x 8/n

Note:

- For Class A equipment, the harmonics of the input current shall not exceed the absolute values given in table 1.
- For Class B equipment, the harmonics of the input current shall not exceed the values given in table 1 multiplied by factor of 1, 5.

Table 2 - Limit of Harmonics Current Measurement	
Limits for Class C equipment	
Harmonics order (n)	Max. permissible harmonics current expressed as a percentage of the input current at the fundamental frequency (A)

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Odd harmonics only	
2	2
3	$30 \times \lambda^*$
5	10
7	7
9	5
$11 \leq n \leq 39$	3

Note: The harmonic current limits of lighting equipment shall not exceed the relative limits given in table 2.

Table 3 - Limit of Harmonics Current Measurement		
Limits for Class D equipment		
Harmonics order (n)	Maximum permissible harmonic current per watt mA/W	Maximum permissible harmonic current A
Odd harmonics only		
3	3.4	2.30
5	1.9	1.14
7	1.0	0.77
9	0.5	0.40
11	0.35	0.33
$13 \leq n \leq 39$	$3.85/n$	See table 1
$11 \leq n \leq 39$	3	

Note: The harmonic of the input current shall not exceed the values that can be derived form table 3.

Test Equipment

Please refer to Section 6 this report.

Test Procedure

- a. The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the maximum harmonic components under normal operating conditions for each successive harmonic component in turn.
- b. The EUT is classified as follows:
 - Class A Balanced three-phase equipment and all other equipment, except that stated in one of the following classes.
 - Class B Portable tools.
 - Class C Lighting equipment, including dimming devices.
 - Class D Equipment having an input current with “special wave shape” and an active input power, $P \leq 600W$

Note: Due to DC Operation, this test item not applicable

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Clause 8.6 Flicker and Voltage Fluctuation

This test was performed as per EMC Basic Standard EN 61000-3-3: 2008

EUT Operating Mode

Charging Mode

Results

Port	EUT Operating mode or operating mode no.	Result (Passed / Failed)
AC Input	Charging Mode	N/A

Limits of Voltage Fluctuation and Flicks Measurement

Test Item	Limit	Note
P_{st}	1.0	Pst means short-term flicker indicator
P_{lt}	0.65	Plt means long-term flicker indicator
T_{dt} (ms)	500	Tdt means maximum time that dt exceeds 3%.
d_{max} (%)	4	Dmax means maximum relative voltage change.
dc (%)	3.3	Dc means relative steady-state voltage change.

Test Equipment

Please refer to Section 6 this report.

Test Procedure

- a.. The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the most unfavorable sequence of voltage changes under normal operating conditions.
- b. During the flick measurement, the measure time shall include that part of whole operation cycle in which the EUT 10 minutes and the observation period for long- term flicker indicator is 2 hours.

Note: Due to DC Operation, this test item not applicable



Clause 9.2 Immunity Test – Radiated, RF Electromagnetic Field

According to EMC Basic Standard (EN 61000-4-3[9])

Normal Operating

Type of Port: Enclosure

Performance Criterion: CT/CR

The distance between the turn-table axis and Tx&Rx-antenna is 3m.

Field strength = 3V/m

Start Frequency = 80MHz Stop Frequency = 1000MHz

And Start Frequency = 1400MHz Stop Frequency = 2700MHz

Frequency Step = lin 1MHz

The test signal is amplitude modulated to a depth of 80 % by a sinusoidal audio signal of 1000 Hz

Results

Frequency (MHz)	Antenna Polarity	Radiation to	Reaction of the EUT During and after test	Result
80-1000, 1400-2700	H	Front	No reactions recognized	Passed
80-1000, 1400-2700	V	Front	No reactions recognized	Passed
80-1000, 1400-2700	H	Rear	No reactions recognized	Passed
80-1000, 1400-2700	V	Rear	No reactions recognized	Passed
80-1000, 1400-2700	H	Left	No reactions recognized	Passed
80-1000, 1400-2700	V	Left	No reactions recognized	Passed
80-1000, 1400-2700	H	Right	No reactions recognized	Passed
80-1000, 1400-2700	V	Right	No reactions recognized	Passed

Note: Performance criteria A observed.

Test Equipment

Please refer to Section 6 this report.

Test Procedure

The EUT and load, which are placed on a table that is 0.8 meter above ground, are placed with one coincident with

The calibration plane such that the distance from antenna to the EUT was 3 meters.

Both horizontal and vertical polarization of the antenna and four sides of the EUT are set on measurement.

In order to judge the EUT performance, a CCD camera is used to monitor EUT screen.

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Clause 9.3 Electrostatic Discharge

According to EMC basic standard (EN61000-4-2[10])

Normal Operating

Type of Port: Enclosure, Connector

Performance Criterion: TT/TR

For the table top EUT the distance to the reference ground plane should be 80 cm.

Direct contact discharge on conducting surfaces of EUT

Indirect air discharge on insulating surfaces of EUT

$\pm 2\text{kV}$, $\pm 4\text{kV}$ direct discharge & $\pm 2\text{kV}$, $\pm 4\text{kV}$, $\pm 8\text{kV}$ air discharge

Test Results

Item	Contact Discharge to conducted surfaces and to coupling planes		Air Discharge at insulating surfaces
	Direct Contact Discharge	Indirect Contact Discharge	
Test Voltage	Reaction of EUT / Result	Reaction of EUT / Result	Reaction of EUT / Result
+2kV	Passed	Passed	Pass
-2kV	Passed	Passed	Pass
+4kV	Passed	Passed	Pass
-4kV	Passed	Passed	Pass
+8kV	---	---	Pass
-8kV	---	---	Pass

Performance Criteria A observed and No any function degraded during the tests.

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Clause 9.4 Fast Transients Common Mode

According to EMC basic standard (EN61000-4-4 [11])

Normal Operating

Type of Port: AC mains power input/output port

Performance Criterion: TT/TR

For the table top EUT the distance to the reference ground plane should be 80 cm.

The test level for ac mains power input ports shall be 1KV open circuit.

Test Setup

Burst on Power Line (direct injection)

Test Results

Adjustment on UCS 500 M4: Trigger "AUTO", Burst length: 15ms		Test Time:		60s for every voltage and polarity 120s for every voltage and polarity				
Testing on power Line (direct injection)		Reaction of The Test Object During and after Test						Result
Test Voltage	Repetition Frequency	L1 =>GND (+ =>GND)	L2=> GND	L3=> GND	N=> GND	PE=> GND	L1, N, => GND	
-0.5kV	5kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A
+0.5kV	5kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A
-1.0kV	5kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A
+1.0kV	5kHz	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Remarks: n.r.r. = no reaction recognized

Note: Due to DC Operation, this test item not applicable

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Clause 9.5 RF Common Mode

According to EMC basic standard (EN61000-4-6 [10])

Normal Operating

Type of Port: AC mains power input/output port

Performance Criterion: CT/CR

Start Frequency = 150KHz Stop Frequency = 80MHz

Frequency Step = 50kHz in the range of 150kHz-5MHz

1% increment in the range of 5MHz-80MHz

The test signal is amplitude modulated to a depth of 80 % by a sinusoidal audio signal of 1000 Hz

Test Setup

Injection via CDN or BIC clamp

Test Results

Injection On	Injection Via	Reaction of the EUT During and after test	Result
AC input power line	CDN	No reactions recognized	N/A

Note: Due to DC Operation, this test item not applicable

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Clause 9.7 Voltage Dips

According to EMC basic standard (EN61000-4-11 [13])

Normal Operating

Type of Port: AC mains power input/output port

Performance Criterion: TT/TR

For the table top EUT the distance to the reference ground plane should be 80 cm.

The test level shall be- a vol. Reduction of the supply vol. 100% for 10ms, 100% for 20ms , 30% for 500ms

And 100% for 5000ms

Test Results

Voltage Dip:

Test Level % Ut	Reduction	Duration (periods)	Phase Angle	Reaction of EUT during and after Test	Result
0	100%	10ms	0° - 360°	n.r.r- performance criteria A observed	N/A
0	100%	20ms	0° - 360°	n.r.r- performance criteria A observed	N/A
70	30%	500ms	0° - 360°	n.r.r- performance criteria A observed	N/A
Voltage Interceptions:					
Test Level % Ut	Reduction	Duration (periods)	Phase Angle	Reaction of EUT during and after Test	Result
0	100%	5000ms	0° - 360°	n.r.r- performance criteria A observed	N/A

n.r.r- no reaction recongnized

Note: Due to DC Operation, this test item not applicable

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Clause 9.8 Surges Common & Differential Mode (1-phase)

According to EMC basic standard (EN61000-4-5 [14])

Normal Operating

Type of Port: AC mains power input/output port

Performance Criterion: TT/TR

For the table top EUT the distance to the reference ground plane should be 80 cm.

1KV open circuit for common mode & 0.5KV open circuit for differential mode.

Test Results

5 pulses for each polarity and test voltage, alternating and negative/positive, triggered in case of AC-powerline:

0°, 45°, 90°, 180°, 270°, referred to the line frequency. (L1)

Repetition rate is 1 per min.

Test Voltage	Reaction of the test object during and after test by trigger angle/pulse no.(coupling on DC-lines =>trigger angle not relevant).					Result
	0°/pulse no1, 2	45°/pulse, no.3, 4	90°/pulse, no. 5, 6	180°/pulse, no. 7, 8	270°/pulse, no. 9, 10	
Capacitive coupling on AC line: L1=>N or DC lines lines +=>- (Ri=2 Ω /C =18uF)						
-0.5kV +0.5kV	N/A	N/A	N/A	N/A	N/A	Pass
-1.0kV +1.0kV	N/A	N/A	N/A	N/A	N/A	Pass
-2.0kV +2.0kV	N/A	N/A	N/A	N/A	N/A	Pass
- kV +kV	N/A	N/A	N/A	N/A	N/A	N/A

Note: Due to DC Operation, this test item not applicable

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3. CE Mark label specification

Text of the mark is black or white in color and is left justified. Labels are printed in indelible ink on permanent adhesive backing and shall be affixed at a conspicuous location on the EUT or silk-screened onto the EUT.



Mark Location: Rear enclosure

4. Photographs – Test Setup

4.1 Photograph – RS Test Setup Photo



4.2 Photograph – ESD Test Setup Photo



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5. Photographs - EUT

Please refer to report EMC1207073-01

6.0 Test Equipments					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2011-12-05	2012-12-04
Absorbing Clamp	ROHDE&SCHWARZ	MDS-21	100126	2011-12-05	2012-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2011-12-05	2012-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2011-12-05	2012-12-04
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2011-12-05	2012-12-04
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2011-12-03	2012-12-02
4-WIRE ISN	ROHDE&SCHWARZ	ENY 41	830663/044	2011-12-03	2012-12-02
GG ENY22 Double 2-Wire ISN	ROHDE&SCHWARZ	ENY22	83066/016	2011-12-03	2012-12-02
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2011-12-03	2012-12-02
System Controller	CT	SC100	-	2011-12-03	2012-12-02
Printer	EPSON	PHOTO EX3	CFNH234850	2011-12-03	2012-12-02
FM-AM Signal Generator	JUNGJIN	SG-150M	389911177	2011-12-03	2012-12-02
Color TV Pattern Generator	PHILIPS	PM5418	LO621747	2011-12-03	2012-12-02
Computer	IBM	8434	1S8434KCE99BLX LO*	-	-
Oscillator	KENWOOD	AG-203D	3070002	2011-12-03	2012-12-02
Spectrum Analyzer	HAMEG	HM5012	-	-	-
Power Supply	LW	APS1502	-	-	-
5K VA AC Power Source	California Instruments	5001iX	56060	2011-12-03	2012-12-02

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CDN	EM TEST	CDN M2/M3	-	2011-12-03	2012-12-02
Attenuation	EM TEST	ATT6/75	-	2011-12-03	2012-12-02
Resistance	EM TEST	R100	-	2011-12-03	2012-12-02
Electromagnetic Injection Clamp	LITTHI	EM101	35708	2011-12-03	2012-12-02
Inductive Components	EM TEST	MC2630	-	2011-12-03	2012-12-02
Antenna	EM TEST	MS100	-	2011-12-03	2012-12-02
Signal Generator	ROHDE&SCHWARZ	SMT03	100029	2011-12-03	2012-12-02
Power Amplifier	AR	150W1000	300999	2011-12-03	2012-12-02
ESD Simulator	EM TEST	DITO	0404-24	2012-04-21	2013-04-20
Power Amplifier	AR	60S1G3	312216	2012-04-21	2013-04-20
Field probe	Holaday	HI-6005	105152	2011-12-03	2012-12-02
Bilog Antenna	Chase	CBL6111C	2576	2011-12-03	2012-12-02
Loop Antenna	EMCO	6502	00042960	2011-12-03	2012-12-02
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2011-12-03	2012-12-02
3m OATS	--	--	N/A	2011-12-03	2012-12-02

End of the Report

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