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FCC TEST REPORT

47 CFR FCC Part 15 Subpart B

FCC ID...... T37PL9661-G1

Report Reference No...... TRE12080104 R/C:13198

Compiled by

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Date of issue...... Sep 13, 2012

Testing Laboratory Name Shenzhen Huatongwei International Inspection Co., Ltd

Address Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China

Applicant's name...... ASOKA Shenzhen Limited.

Shenzhen, PR China

Test specification:

ANSI C63.4: 2009

Master TRF...... Dated 2006-06

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Test item description PlugLink HD AV Adapter

Trade Mark

Model/Type reference...... PL9661-G1

Operation Frequency...... From 2MHz to 30MHz

Listed Models:

Result..... Positive

TEST REPORT

Test Report No. :	TRE12080104	Sep 13, 2012
rest Report No	TRE 12000 104	Date of issue

Equipment under Test : PlugLink HD AV Adapter

Model /Type : PL9661-G1

Listed Models : /

Applicant : ASOKA Shenzhen Limited.

Address : Room 1701,17/F., Fiyta Hi Tech Building, Gao-Xin Rd,

South, Shenzhen, PR China

Manufacturer : Asoka USA Corporation

Address : 2620 Augustine Drive Suite 230, Santa Clara City, CA

95054

Test Result according to the standards on page 4:	Positive
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. TEST STANDARDS

The tests were performed according to following standards:

47 CFR FCC Part 15 Subpart B - Unintentional Radiators

ANSI C63.4: 2009 – American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40GHz

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2. SUMMARY

2.1. General Remarks

Date of receipt of test sample		Aug 24, 2012
Testing commenced on	:	Aug 24, 2012
Testing concluded on	:	Sep 13, 2012

2.2. Equipment Under Test

Power supply system utilised

Power supply voltage	:	•	120V / 60 Hz	0	115V / 60Hz
		0	12 V DC	0	24 V DC
		0	Other (specified in blank bel	ow)	

______/

2.3. Short description of the Equipment under Test (EUT)

The EUT PlugLink HD AV Adapter is an In-House BPL device.

For more details, refer to the user's manual of the EUT.

Sample Type: Prototype

2.4. EUT operation mode

The EUT has been tested under typical operating condition.

2.5. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **T37PL9661-G1** filing to comply with the FCC Part 15, Subpart B Rules.

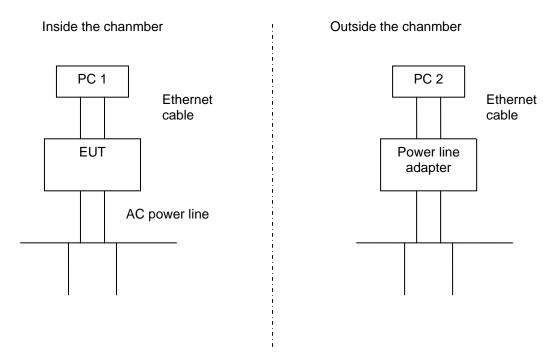
2.6. Modifications

No modifications were implemented to meet testing criteria.

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2.7. Configuration of Tested System

Configuration of Tested System



Equipment Used in Tested System

No.	Equipment	Manufacturer	Model No.	Serial No.	Notes
1	PC	DELL	DIMENSION E520	1RNN42X	
2	Notebook PC	DELL	D600	CN-0X2034-48643-428-1379	
3	PlugLink HD AV Adapter	ASOKA	PL9661-G1	/	

2.8. Product Information

As the product operation frequency band from 2MHz to 30MHz.

Product:

Series Number:AS120820004 Operation frequency:2MHz-30MHz; Report No.: TRE12080104 Page 7 of 24 Issued: 2012-09-13

3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Shenzhen Huatongwei International Inspection Co., Ltd Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China Phone: 86-755-26715686 Fax: 86-755-26748089

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2009) and CISPR Publication 22.

3.2. Test Facility

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

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories, Date of Registration: Mar. 01, 2009. Valid time is until Feb. 28, 2015.

A2LA-Lab Cert. No. 2243.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is until Sep. 30, 2013.

FCC-Registration No.: 662850

Shenzhen Huatongwei International Inspection Co., Ltd. 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 662850, Renewal date Jun. 01, 2012, valid time is until Jun. 01, 2015.

IC-Registration No.: 5377A

The 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377A on Jan. 25, 2011, valid time is until Jan. 24, 2014.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

NEMKO-Aut. No.: ELA125

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The quality assurance system of the Laboratory has been validated against ISO/IEC 17025 or equivalent. The laboratory also fulfils the conditions described in Nemko Document NLA-10, the authorization is valid through Jul. 07, 2013.

VCCI

The 3m Semi-anechoic chamber $(12.2m\times7.95m\times6.7m)$ and Shielded Room $(8m\times4m\times3m)$ of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-292. Date of Registration: Dec. 24, 2010. Valid time is until Dec. 23, 2013.

Main Ports Conducted Interference Measurement of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: C-2726. Date of Registration: Dec. 20, 2009. Valid time is until Dec. 19, 2012.

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Telecommunication Ports Conducted Interference Measurement of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: T-1837. Date of Registration: May 07, 2010. Valid time is until May 06, 2013.

DNV

Shenzhen Huatongwei International Inspection Co., Ltd. has been found to comply with the requirements of DNV towards subcontractor of EMC and safety testing services in conjunction with the EMC and Low voltage Directives and in the voluntary field. The acceptance is based on a formal quality Audit and follow-ups according to relevant parts of ISO/IEC Guide 17025 (2005), in accordance with the requirements of the DNV Laboratory Quality Manual towards subcontractors. Valid time is until Aug. 24, 2013.

3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

3.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongwei laboratory is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.24 dB	(1)
Radiated Emission	1~18GHz	5.16 dB	(1)
Radiated Emission	18-40GHz	5.54 dB	(1)
Conducted Disturbance	0.15~30MHz	3.39 dB	(1)

⁽¹⁾ This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.5. Equipments Used during the Test

Cond	Conducted Emission							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.			
1	EMI TEST RECEIVER	Rohde & Schwarz	ESCI	100106	2011/10/24			
2	ARTIFICIAL MAINS	Rohde & Schwarz	ESH2-Z5	100028	2011/10/24			
3	PULSE LIMITER	Rohde & Schwarz	ESHSZ2	100044	2011/10/24			
4	EMI TEST SOFTWARE	Rohde & Schwarz	ES-K1	N/A	2011/10/24			
5	TWO-LINE V- NETWORK	Rohde & Schwarz	ESH3-Z5	100049	2011/10/24			

Radia	adiated Emission							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.			
1	ULTRA-BROADBAND ANTENNA	Rohde & Schwarz	HL562	100015	2011/10/24			
2	EMI TEST RECEIVER	Rohde & Schwarz	ESI 26	100009	2011/10/24			
3	RF TEST PANEL	Rohde & Schwarz	TS / RSP	335015/0017	2011/10/24			
4	TURNTABLE	ETS	2088	2149	2011/10/24			
5	ANTENNA MAST	ETS	2075	2346	2011/10/24			
6	EMI TEST OFTWARE	Rohde & Schwarz	ESK1	N/A	2011/10/24			
7	HORN ANTENNA	Rohde & Schwarz	HF906	100039	2011/11/01			
8	Amplifer	Sonoma	310N	E009-13	2011/10/24			
9	JS amplifer	Rohde & Schwarz	JS4-00101800- 28-5A	F201504	2011/10/24			
10	High pass filter	Compliance Direction systems	BSU-6	34202	2011/10/24			

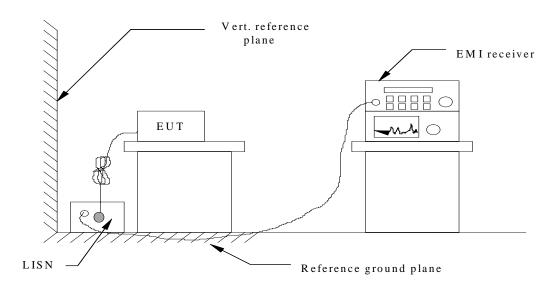
The calibration interval was one year.

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4. TEST CONDITIONS AND RESULTS

4.1. Conducted Emissions Test

TEST CONFIGURATION



TEST PROCEDURE

- 1 The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. 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 ANSI C63.4-2009.
- 2 Support equipment, if needed, was placed as per ANSI C63.4-2009.
- 3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4-2009.
- 4 The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5 All support equipments received AC power from a second LISN, if any.
- 6 The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / 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 Analyzer / 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 Analyzer / Receiver.
- 7 Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8 During the above scans, the emissions were maximized by cable manipulation.

CONDUCTED POWER LINE EMISSION LIMIT

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following:

F=====================================	Maximum RF Line Voltage (dBμV)					
Frequency (MHz)	CLAS	SS A	CLASS B			
(141112)	Q.P.	Ave.	Q.P.	Ave.		
0.15 - 0.50	79	66	66-56*	56-46*		
0.50 - 5.00	73	60	56	46		
5.00 - 30.0	73	60	60	50		

For unintentional device, according to § 15.107(c) Line Conducted Emission Limits is as following:

Frequency (KHz)	Maximum RF Line Voltage			
535-1705	1000µV	60dBµV		

For In-House BPL devices operating as unintentional radiators below 30 MHz, the conducted emissions shall be measured in the 535 – 1705 kHz band as specified in Section 15.107(c). For In- House BPL devices operating as unintentional radiators above 30 MHz, the conducted emissions shall be measured as specified in Section 15.107(a).

TEST CONDITION

The data rate was set at the maximum rate used by the EUT, and the operating frequency of the EUT as unintentional radiator was blow 30MHz.

TEST RESULTS

Operating frequency blow 30MHz

SCAN TABLE: "FCC-ASO(150K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "HTW0913201 fin"

9,	/13/2012 9:3	32AM						
	Frequency	Level			_	Detector	Line	PΕ
	MHz	dΒμV	dB	dBµV	dB			
	0.541044	29.50	9.7	60	30.5	QP	N	GND
	0.709400	25.90	9.8	60	34.1	QP	N	GND
	0.945091	38.60	9.8	60	21.4	QP	N	GND
	1.108367	27.10	9.9	60	32.9	QP	N	GND
	1.181316	36.20	9.9	60	23.8	QP	N	GND
	1.637753	23.70	9.9	60	36.3	OP	N	GND

SCAN TABLE: "FCC-ASO(150K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "HTW0913202 fin"

9/13/2012 9:	36AM						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dBµV	dB	dΒμV	dB			
0.563032	29.90	9.8	60	30.1	QP	L1	GND
0.720801	20.10	9.8	60	39.9	QP	L1	GND
0.945091	38.40	9.8	60	21.6	QP	L1	GND
1.135179	28.00	9.9	60	32.0	QP	L1	GND
1.181316	36.20	9.9	60	23.8	QP	L1	GND
1.650860	25.20	9.9	60	34.8	QP	L1	GND

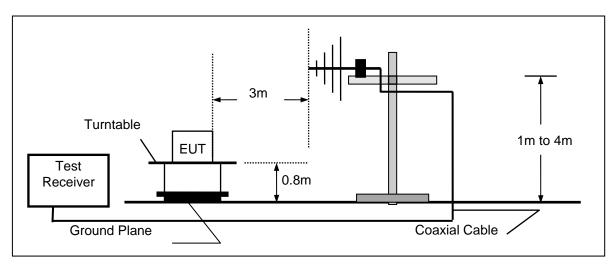
Remark:

- (1) Measuring frequencies from 0.15 MHz to the 30 MHz.
- (2) Data of measurement within this frequency range shown "--- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- The IF bandwidth of EMI Test Receiver was 9KHz for measuring from 0.15 MHz to (3) 30MHz

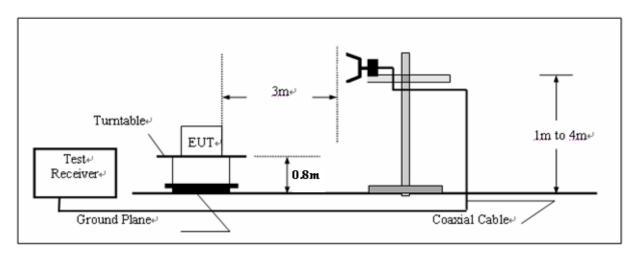
4.2. Radiated Emission Test

TEST CONFIGURATION

a) Radiated Emission Test Set-Up, Frequency below 1000MHz



b) Radiated Emission Test Set-Up, Frequency above 1000MHz



TEST PROCEDURE

- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.

FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

For example

Frequency	FS	RA	AF	CL	AG	Transd
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dB)	(dB)	(dB)
300.00	40	58.1	12.2	1.6	31.90	-18.1

Transd=AF +CL-AG

RADIATION LIMIT

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance (Meters)	Radiated (dBµV/m)	Radiated (μV/m)
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

TEST CONDITION

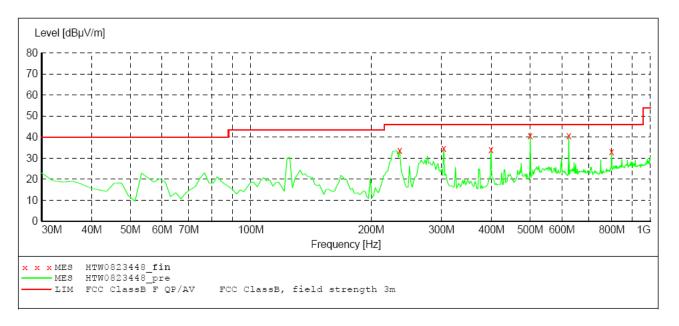
The data rate was set at the maximum rate used by the EUT.

The highest fundamental frequency of the EUT is 166MHz, according to § 15.33(a), the radiated emission test was performed within the frequency band 9KHz – 2000MHz. The unintentional operating frequency range is 2MHz – 30MHz.

TEST RESULTS

SCAN TABLE: "test Field(30M-1G)QP"

Short Description: Field Strength(30M-1G)
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
30.0 MHz 1.0 GHz 60.0 kHz QuasiPeak 1.0 s 120 kHz HL562



MEASUREMENT RESULT: "HTW0823448 fin"

8/23/2012 10: Frequency MHz		Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
236.052104	33.70	-19.2	46.0	12.3	QP	100.0	270.00	HORIZONTAL
304.088176	34.60	-16.9	46.0	11.4	QP	100.0	301.00	HORIZONTAL
399.338677	33.90	-15.3	46.0	12.1	QP	100.0	176.00	HORIZONTAL
500.420842	40.70	-13.5	46.0	5.3	QP	100.0	312.00	HORIZONTAL
624.829659	40.50	-11.5	46.0	5.5	QP	100.0	205.00	HORIZONTAL
799.779559	33.10	-8.4	46.0	12.9	OP	100.0	134.00	HORTZONTAL

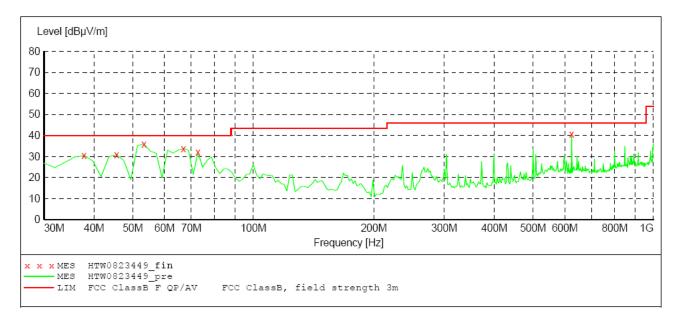
SCAN TABLE: "test Field(30M-1G)QP"

Short Description: Field Strength(30M-1G)

Start Stop Step Detector Meas. IF Transducer

Frequency Frequency Width Time Bandw.

30.0 MHz 1.0 GHz 60.0 kHz QuasiPeak 1.0 s 120 kHz HL562



MEASUREMENT RESULT: "HTW0823449 fin"

04PM							
				Det.	Height		Polarization
dBµV/m	dB	dBµV/m	dB		cm	deg	
20 50	1 - 1	40.0	۰	0.5	100 0	77.00	
30.50	-12.1	40.0	9.5	QP	100.0	//.00	VERTICAL
30.90	-19.6	40.0	9.1	QP	100.0	12.00	VERTICAL
35.90	-22.7	40.0	4.1	QP	100.0	54.00	VERTICAL
33.80	-23.6	40.0	6.2	QP	100.0	48.00	VERTICAL
32.10	-22.8	40.0	7.9	QP	100.0	77.00	VERTICAL
40.60	-11.5	46.0	5.4	QP	100.0	334.00	VERTICAL
	Level dBµV/m 30.50 30.90 35.90 33.80 32.10	Level Transd dB	Level dBμV/m dB dBμV/m 30.50 -15.1 40.0 30.90 -19.6 40.0 35.90 -22.7 40.0 33.80 -23.6 40.0 32.10 -22.8 40.0	Level Transd Limit Margin dBμV/m dB dBμV/m dB 30.50 -15.1 40.0 9.5 30.90 -19.6 40.0 9.1 35.90 -22.7 40.0 4.1 33.80 -23.6 40.0 6.2 32.10 -22.8 40.0 7.9	Level Transd Limit Margin Det. dBμV/m dB dBμV/m dB dBμV/m dB 30.50 -15.1 40.0 9.5 QP 30.90 -19.6 40.0 9.1 QP 35.90 -22.7 40.0 4.1 QP 33.80 -23.6 40.0 6.2 QP 32.10 -22.8 40.0 7.9 QP	Level dBμV/m Transd dB dBμV/m Limit dBμV/m Margin dB Det. Height cm 30.50 -15.1 40.0 9.5 QP 100.0 30.90 -19.6 40.0 9.1 QP 100.0 35.90 -22.7 40.0 4.1 QP 100.0 33.80 -23.6 40.0 6.2 QP 100.0 32.10 -22.8 40.0 7.9 QP 100.0	Level dBμV/m Transd dB μV/m Limit dBμV/m Margin dB Det. Height cm Azimuth deg 30.50 -15.1 40.0 9.5 QP 100.0 77.00 30.90 -19.6 40.0 9.1 QP 100.0 12.00 35.90 -22.7 40.0 4.1 QP 100.0 54.00 33.80 -23.6 40.0 6.2 QP 100.0 48.00 32.10 -22.8 40.0 7.9 QP 100.0 77.00

Remark:

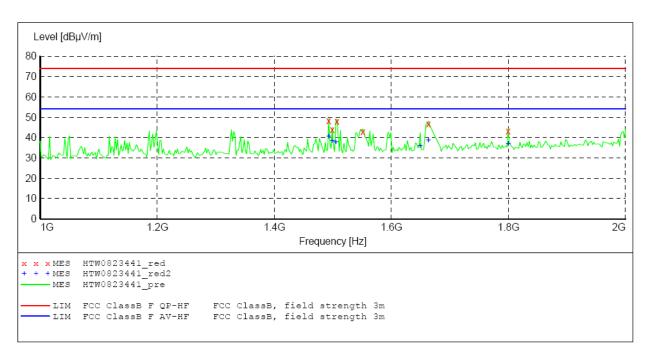
- (1) Measuring frequencies from 30 MHz to the 1 GHz.
- (2) Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) The IF bandwidth of EMI Test Receiver was 120KHz for measuring from 30 MHz to 1 GHz and 1 MHz for measuring above 1 GHz

Sweep TABLE: "test Field(1G-2G)QP"

Short Description: Field Strength(1G-2G)

Start Stop Detector IF Transducer

Frequency Frequency Bandw.
1.0 GHz 2.0 GHz MaxPeak 1 MHz HF906



MEASUREMENT RESULT: "HTW0823441 red"

8/23/2012 9: Frequency MHz	14PM Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1492.985972	49.50	-10.1	74.0	24.5	PK	100.0	29.00	VERTICAL
1498.997996	45.10	-10.1	74.0	28.9	PK	100.0	0.00	VERTICAL
1507.014028	49.20	-10.0	74.0	24.8	PK	100.0	356.00	VERTICAL
1551.102204	44.20	-9.7	74.0	29.8	PK	100.0	356.00	VERTICAL
1663.326653	48.10	-8.8	74.0	25.9	PK	100.0	351.00	VERTICAL
1799.599198	44.40	-7.9	74.0	29.6	PK	100.0	14.00	VERTICAL

MEASUREMENT RESULT: "HTW0823441 red2"

8/23/2012 9:1	.4PM							
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1492.985972	42.00	-10.1	54.0	12.0	AV	100.0	358.00	VERTICAL
1498.997996	39.80	-10.1	54.0	14.2	AV	100.0	351.00	VERTICAL
1505.010020	39.20	-10.0	54.0	14.8	AV	100.0	360.00	VERTICAL
1649.298597	37.10	-8.9	54.0	16.9	AV	100.0	360.00	VERTICAL
1663.326653	40.10	-8.8	54.0	13.9	AV	100.0	351.00	VERTICAL
1799.599198	38.20	-7.9	54.0	15.8	AV	100.0	42.00	VERTICAL

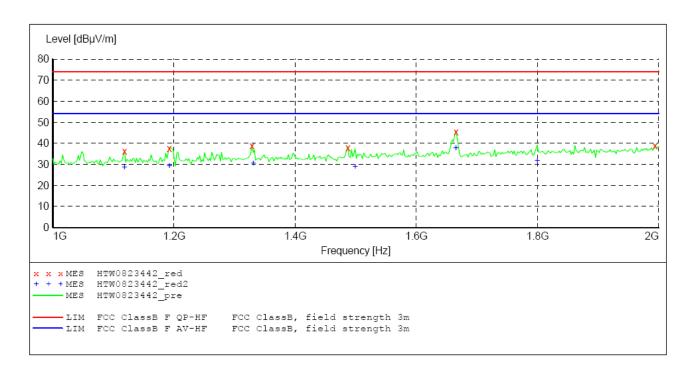
Sweep TABLE: "test Field(1G-2G)QP"

Short Description: Field Strength(1G-2G)

Start Stop Detector IF Transducer

Frequency Frequency Bandw.

1.0 GHz 2.0 GHz MaxPeak 1 MHz HF906



MEASUREMENT RESULT: "HTW0823442_red"

8/23/2012 9	:16PM							
Frequency	Level			_	Det.	-		Polarization
MHz	dBµV/m	dB	dBµV/m	dB		cm	deg	
1118.236473	36.80	-11.7	74.0	37.2	PK	100.0	227.00	HORIZONTAL
1192.384770	38.30	-11.3	74.0	35.7	PK	100.0	87.00	HORIZONTAL
1328.657315	39.50	-10.7	74.0	34.5	PK	100.0	200.00	HORIZONTAL
1486.973948	38.50	-10.1	74.0	35.5	PK	100.0	308.00	HORIZONTAL
1665.330661	46.10	-8.8	74.0	27.9	PK	100.0	140.00	HORIZONTAL
1993.987976	39.50	-6.6	74.0	34.5	PK	100.0	288.00	HORIZONTAL

MEASUREMENT RESULT: "HTW0823442 red2"

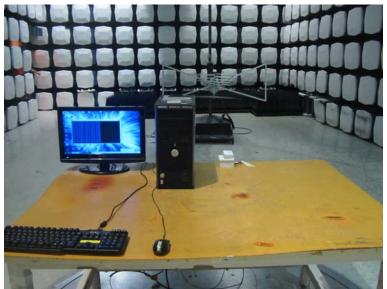
8/23/2012 9:1 Frequency MHz	6PM Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1118.236473 1192.384770 1330.661323 1498.997996 1665.330661 1799.599198	29.20 29.80 31.20 29.50 38.40 32.40	-11.7 -11.3 -10.7 -10.1 -8.8 -7.9	54.0 54.0 54.0 54.0 54.0	22.8	AV AV	100.0 100.0 100.0 100.0 100.0	227.00 87.00 206.00 59.00 140.00	HORIZONTAL HORIZONTAL HORIZONTAL HORIZONTAL HORIZONTAL HORIZONTAL

Remark:

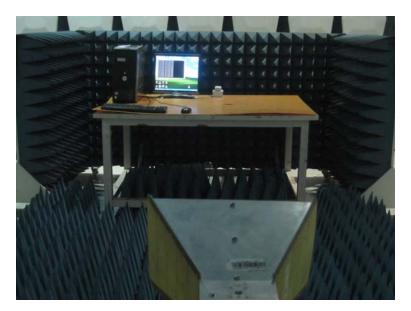
- (1) Measuring frequencies from 1 GHz to the 2 GHz.
- (2) Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (3) The RBW of EMI Test Receiver was 1MHz and the VBW was 3MHz for measuring from 1 GHz to 2 GHz.

5. Test Setup Photos of the EUT









6. External and Internal Photos of the EUT

Internal Photos



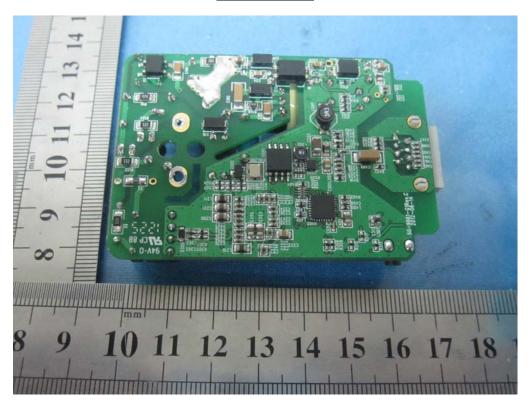


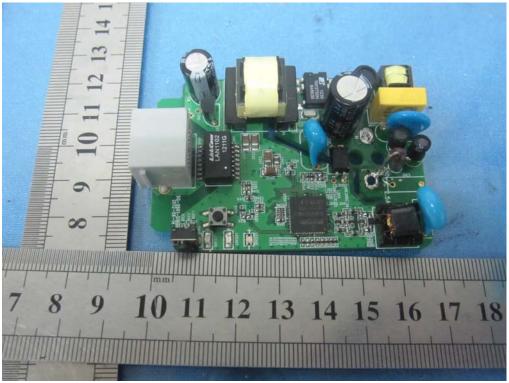






Internal Photos





.....End of Report.....