

FCC PART 15B

TEST REPORT

For

**SHUOYING INDUSTRIAL(SHENZHEN)'CO.,'LTD.**

NO.1 Shuoying Rd.,Hebei Industry Area,Dalang,Longhua Town,Baoan,Shenzhen,China

**FCC ID: XJN-PA7006X**

<b>Report Type:</b> Original Report	<b>Product Type:</b> Mobile Internet Devices
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<b>Report Number:</b>	R2DG140324002-00D
<b>Report Date:</b>	2014-04-11 Ivan Cao
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\* This report may contain data that are not covered by the NVLAP accreditation and shall be marked with an asterisk "★" (Rev.2). This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

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## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

The *SHUOYING INDUSTRIAL(SHENZHEN)CO.,LTD.*'s product, model number: *PA7006 (FCC ID: XJN-PA7006X)* (the "EUT") in this report was a *Mobile Internet Devices*, which was measured approximately: 19.2 cm (L) x 11.7 cm (W) x 1.08 cm (H), rated input voltage: DC 3.7 V rechargeable Li-ion battery or DC 5.0V charging from adapter. The highest operating frequency is 1.2 GHz.

Adapter information:

Manufacturer: SPPS Power Supply

Model: SA/12PA/05FUS050200

Input: AC 100-240V, 50/60Hz, 0.5A

Output: DC 5.0V, 2A

*\* All measurement and test data in this report was gathered from production sample serial number: 140324002 (Assigned by BACL.Dongguan). The EUT was received on 2014-03-25.*

### Objective

This report is prepared on behalf of *SHUOYING INDUSTRIAL (SHENZHEN) CO., LTD.* in accordance with Part 2, Subpart J, Part 15, Subparts A and B of the Federal Communication Commissions rules.

The objective of the manufacturer is to determine compliance with FCC Part 15B, Class B.

### Related Submittal(s)/Grant(s)

FCC Part 15C DSS submissions with FCC ID: XJN-PA7006X

FCC Part 15C DTS submissions with FCC ID: XJN-PA7006X for Wifi

FCC Part 15C DTS submissions with FCC ID: XJN-PA7006X for BLE

### Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China

Test site at Bay Area Compliance Laboratories Corp. (Dongguan) has been fully described in reports submitted to the Federal Communications Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 02, 2012. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2003.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 273710. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

Additionally, Bay Area Compliance Laboratories Corp. (Dongguan) is an ISO/IEC 17025 accredited laboratory, and is accredited by National Voluntary Laboratory Accredited Program (Lab Code 500069-0).



The current scope of accreditations can be found at <http://ts.nist.gov/standards/scopes/5000690.htm>

## SYSTEM TEST CONFIGURATION

### Justification

The system was configured for testing in a typical fashion (as normally used by a typical user).

EUT operation mode 1: USB downloading

EUT operation mode 2: HDMI

### EUT Exercise Software

The software “EMC TEST” was used in test.

### Equipment Modifications

No modification was made to the EUT.

### Support Equipment List and Details

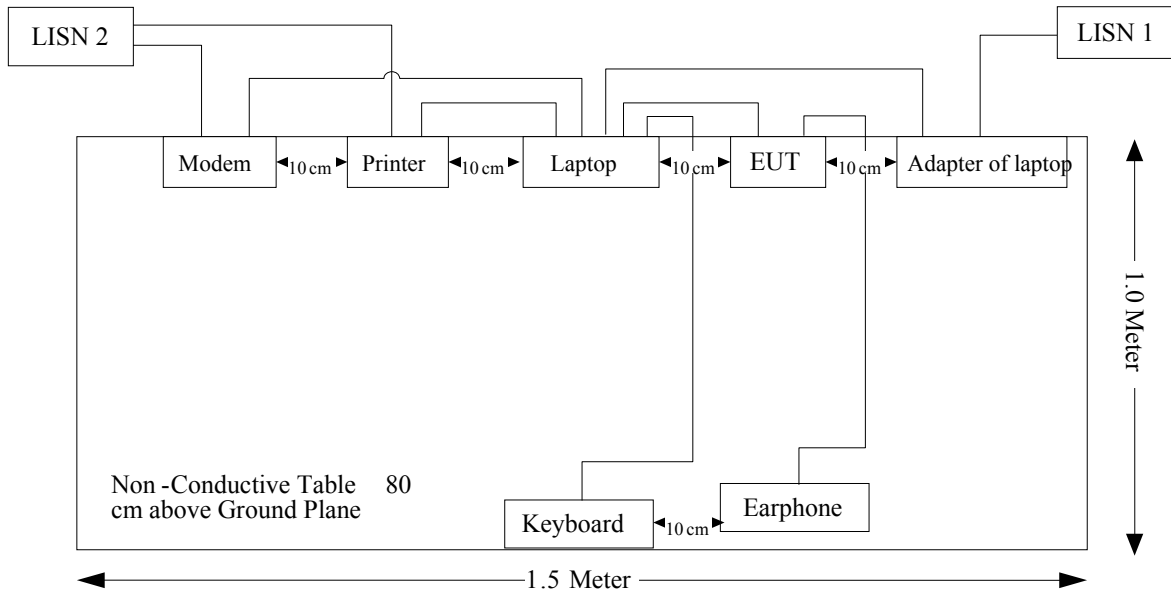
Manufacturer	Description	Model	Serial Number
DELL	Laptop	PP11L	QDS-BRCM1017
HP	Printer	C3941A	JPTVOB2337
DELL	Keyboard	L100	CNORH656658907BL05DC
SAST	Modem	AEM-2100	0293
SAMSUNG	LCD Monitor	S22C330H	ZXDCHTHD10149K
Kingston	Micro SD Card	4GB	/

### External I/O Cable

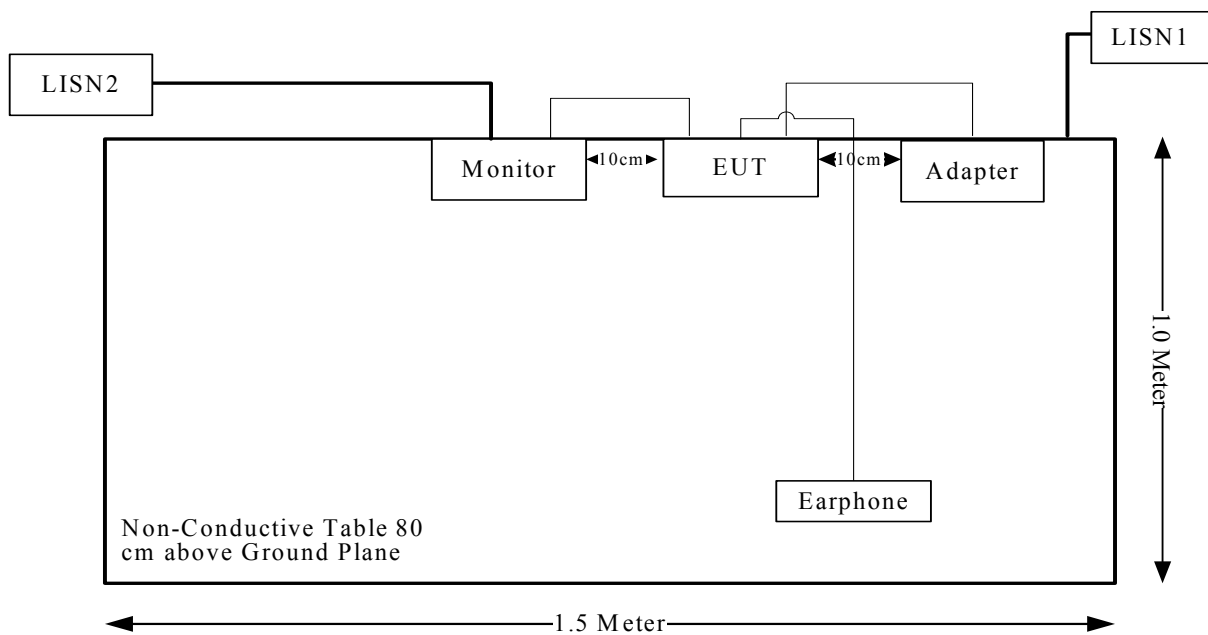
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Serial Cable	yes	no	1.2	Serial Port of Laptop	Modem
Parallel Cable	yes	no	1.2	Parallel Port of Laptop	Printer
Earphone	no	no	1.0	Earphone	EUT
USB	yes	yes	0.9	USB Port of Laptop	EUT
HDMI	yes	yes	1.3	HDMI Port of LCD Monitor	EUT

## Block Diagram of Test Setup

Downloading:



HDMI:



**SUMMARY OF TEST RESULTS**

FCC Rules	Description of Test	Results
§15.107	AC Line Conducted Emissions	Compliance
§15.109	Radiated Emissions	Compliance

## FCC §15.107 – AC LINE CONDUCTED EMISSIONS

### Measurement Uncertainty

Compliance or non-compliance with a disturbance limit shall be determined in the following manner:

If  $U_{lab}$  is less than or equal to  $U_{cispr}$  of Table 1, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If  $U_{lab}$  is greater than  $U_{cispr}$  of Table 1, then:

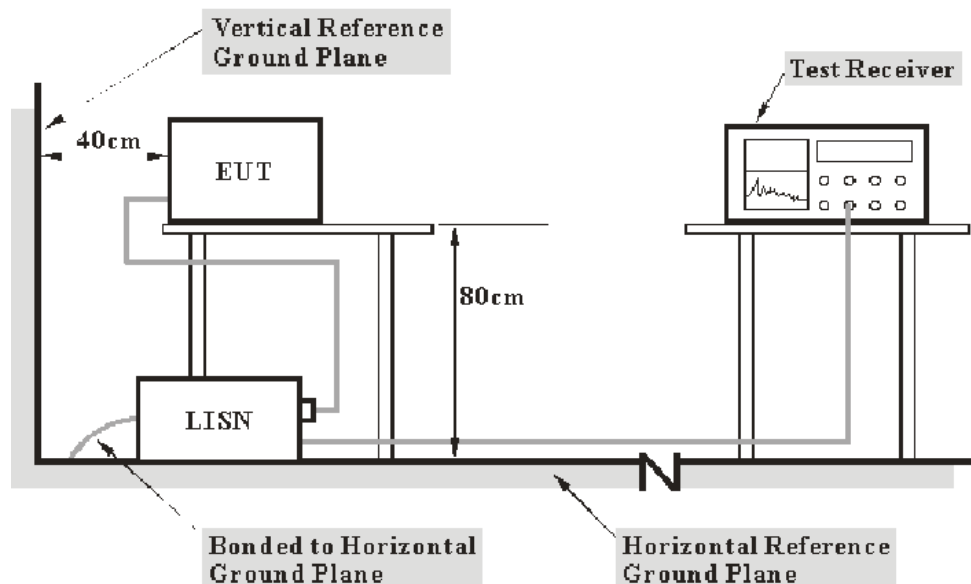
- compliance is deemed to occur if no measured disturbance level, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit.

Based on CISPR 16-4-2: 2011, measurement uncertainty of conducted disturbance at mains port using AMN at Bay Area Compliance Laboratories Corp. (Dongguan) is 3.46 dB (150 kHz to 30 MHz).

Table 1 – Values of  $U_{cispr}$

Measurement	$U_{cispr}$
Conducted disturbance at mains port using AMN (150 kHz to 30 MHz)	3.4 dB

### EUT Setup



- Note: 1. Support units were connected to second LISN.  
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC Part 15.107 Class B limits.

The spacing between the peripherals was 10 cm.

The adapter was connected to a 120 VAC/60 Hz power source

### EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

### Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

### Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$$V_C = V_R + A_C + VDF$$

$$C_f = A_C + VDF$$

Herein,

$V_C$  (cord. Reading): corrected voltage amplitude

$V_R$ : reading voltage amplitude

$A_C$ : attenuation caused by cable loss

VDF: voltage division factor of AMN

$C_f$ : Correction Factor

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$



**Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCS 30	830245/006	2013-11-20	2014-11-19
R&S	Two-line V-network	ENV216	3560.6550.12	2014-01-22	2015-01-21
R&S	L.I.S.N	ESH3-Z5	100113	N/A	N/A
BACL	Test Software	BACL-EMC	V1.0-2010	N/A	N/A

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed in accordance to NVLAP requirements, traceable to National Primary Standards and International System of Units (SI).

**Test Results Summary**

According to the recorded data in following table, the EUT complied with the FCC Part 15.107, with the worst margin reading of:

**6.1 dB at 0.317235 MHz** in the **Line** conducted mode for Downloading

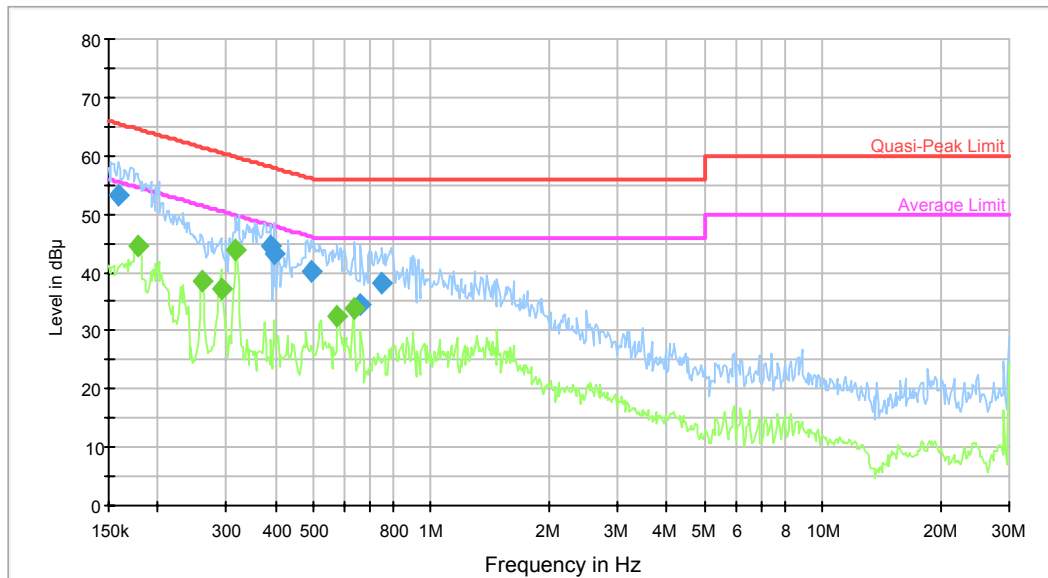
**Test Data****Environmental Conditions**

<b>Temperature:</b>	22.6 °C
<b>Relative Humidity:</b>	69 %
<b>ATM Pressure:</b>	100.9 kPa

*The testing was performed by Dean Liu on 2014-04-08.*

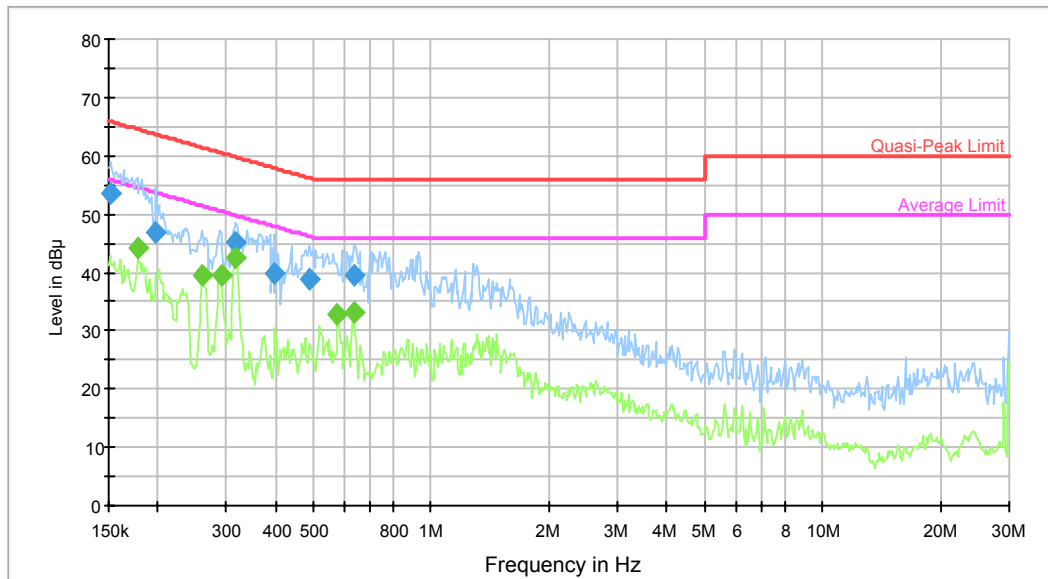
Test mode: Downloading

AC120 V, 60 Hz, Line:



Frequency (MHz)	Corrected Quasi-Peak (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.158604	53.1	9.000	L1	9.6	12.4	65.5	Compliance
0.390261	44.4	9.000	L1	10.1	13.7	58.1	Compliance
0.396530	43.2	9.000	L1	10.0	14.7	57.9	Compliance
0.491712	40.1	9.000	L1	10.0	16.0	56.1	Compliance
0.660314	34.6	9.000	L1	9.9	21.4	56.0	Compliance
0.750100	38.0	9.000	L1	9.8	18.0	56.0	Compliance

Frequency (MHz)	Corrected Average (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.177322	44.6	9.000	L1	9.9	10.0	54.6	Compliance
0.259937	38.6	9.000	L1	10.2	12.8	51.4	Compliance
0.290613	37.3	9.000	L1	10.1	13.2	50.5	Compliance
0.317235	43.7	9.000	L1	10.1	6.1	49.8	Compliance
0.576662	32.5	9.000	L1	9.9	13.5	46.0	Compliance
0.634524	33.7	9.000	L1	9.9	12.3	46.0	Compliance

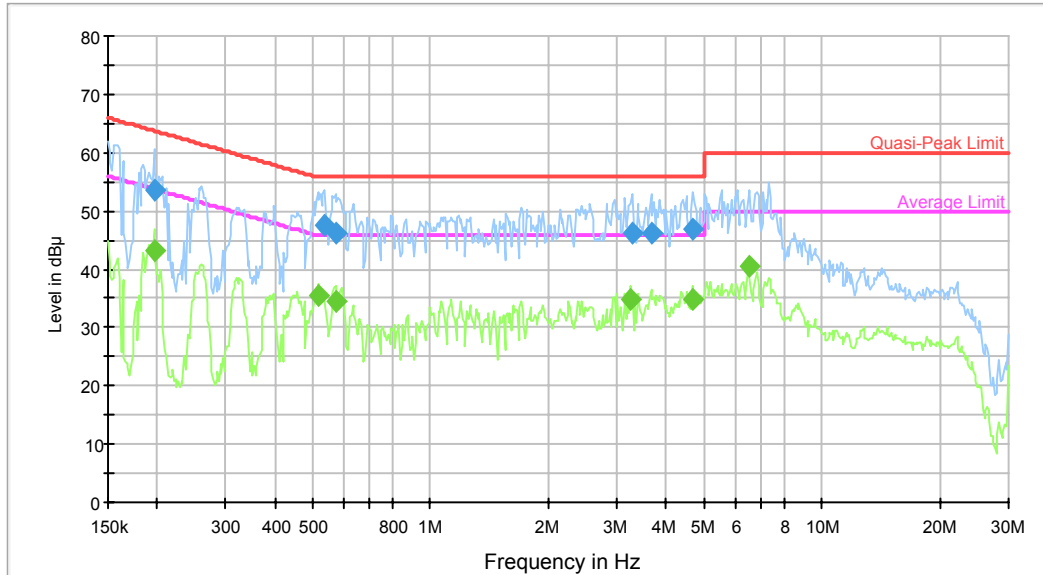
**AC120 V, 60 Hz, Neutral:**

Frequency (MHz)	Corrected Quasi-Peak (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.152410	53.5	9.000	N	9.8	12.4	65.9	Compliance
0.198249	47.0	9.000	N	10.8	16.7	63.7	Compliance
0.317235	45.2	9.000	N	10.5	14.6	59.8	Compliance
0.399703	40.0	9.000	N	10.2	17.9	57.9	Compliance
0.487810	39.0	9.000	N	10.0	17.2	56.2	Compliance
0.634524	39.6	9.000	N	9.9	16.4	56.0	Compliance

Frequency (MHz)	Corrected Average (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.177322	44.3	9.000	N	10.3	10.3	54.6	Compliance
0.259937	39.5	9.000	N	10.6	11.9	51.4	Compliance
0.290613	39.4	9.000	N	10.6	11.1	50.5	Compliance
0.317235	42.5	9.000	N	10.5	7.3	49.8	Compliance
0.576662	32.7	9.000	N	9.9	13.3	46.0	Compliance
0.634524	33.2	9.000	N	9.9	12.8	46.0	Compliance

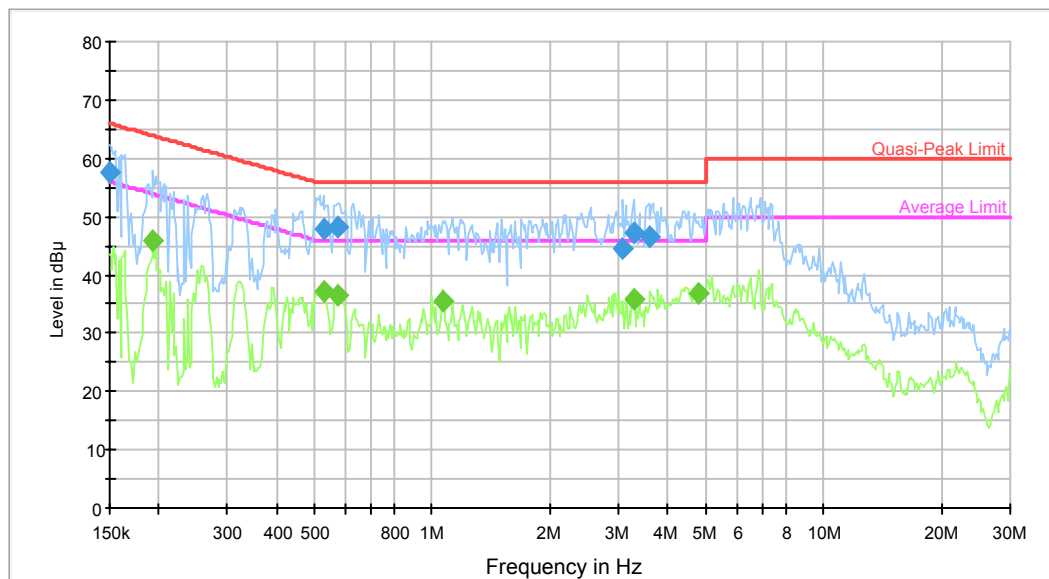
Test mode: HDMI

AC 120 V, 60 Hz, Line:



Frequency (MHz)	Corrected Quasi-Peak (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.196675	53.5	9.000	L1	10.2	10.2	63.7	Compliance
0.536756	47.6	9.000	L1	9.9	8.4	56.0	Compliance
0.572086	46.2	9.000	L1	9.9	9.8	56.0	Compliance
3.275801	46.3	9.000	L1	9.7	9.7	56.0	Compliance
3.662393	46.1	9.000	L1	9.8	9.9	56.0	Compliance
4.688581	46.9	9.000	L1	9.8	9.1	56.0	Compliance

Frequency (MHz)	Corrected Average (dBμV)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dBμV)	Comment
0.196675	43.3	9.000	L1	10.2	10.4	53.7	Compliance
0.515791	35.5	9.000	L1	10.0	10.5	46.0	Compliance
0.572086	34.6	9.000	L1	9.9	11.4	46.0	Compliance
3.249802	34.7	9.000	L1	9.7	11.3	46.0	Compliance
4.688581	34.7	9.000	L1	9.8	11.3	46.0	Compliance
6.500148	40.5	9.000	L1	9.9	9.5	50.0	Compliance

**AC 120 V, 60 Hz, Neutral:**

Frequency (MHz)	Corrected Quasi-Peak (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.150000	57.5	9.000	N	9.7	8.5	66.0	Compliance
0.528270	48.0	9.000	N	10.0	8.0	56.0	Compliance
0.576662	48.1	9.000	N	9.9	7.9	56.0	Compliance
3.073500	44.4	9.000	N	9.8	11.6	56.0	Compliance
3.275801	47.2	9.000	N	9.8	8.8	56.0	Compliance
3.575883	46.5	9.000	N	9.8	9.5	56.0	Compliance

Frequency (MHz)	Corrected Average (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. Factor (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.193566	46.0	9.000	N	10.7	7.9	53.9	Compliance
0.528270	37.1	9.000	N	10.0	8.9	46.0	Compliance
0.576662	36.7	9.000	N	9.9	9.3	46.0	Compliance
1.065081	35.6	9.000	N	9.8	10.4	46.0	Compliance
3.275801	35.8	9.000	N	9.8	10.2	46.0	Compliance
4.763898	36.7	9.000	N	9.9	9.3	46.0	Compliance

## FCC §15.109 - RADIATED EMISSIONS

### Measurement Uncertainty

Compliance or non-compliance with a disturbance limit shall be determined in the following manner:

If  $U_{lab}$  is less than or equal to  $U_{cispr}$  of Table 2, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If  $U_{lab}$  is greater than  $U_{cispr}$  of Table 1, then:

- compliance is deemed to occur if no measured disturbance level, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level, increased by  $(U_{lab} - U_{cispr})$ , exceeds the disturbance limit.

Based on CISPR 16-4-2: 2011, measurement uncertainty of radiated emission at a distance of 3m at Bay Area Compliance Laboratories Corp. (Dongguan) is:

30M~200MHz: 5.0 dB

200M~1GHz: 6.2 dB

1G~6GHz: 4.45 dB

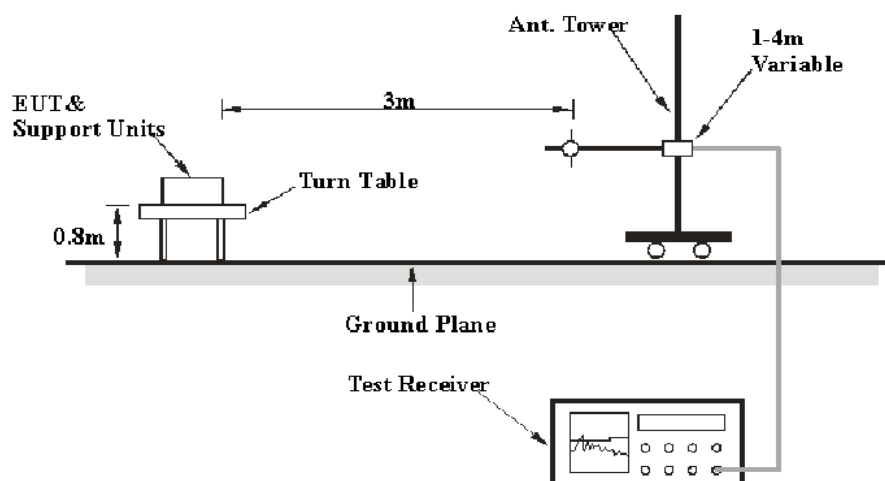
6G~18GHz: 5.23 dB

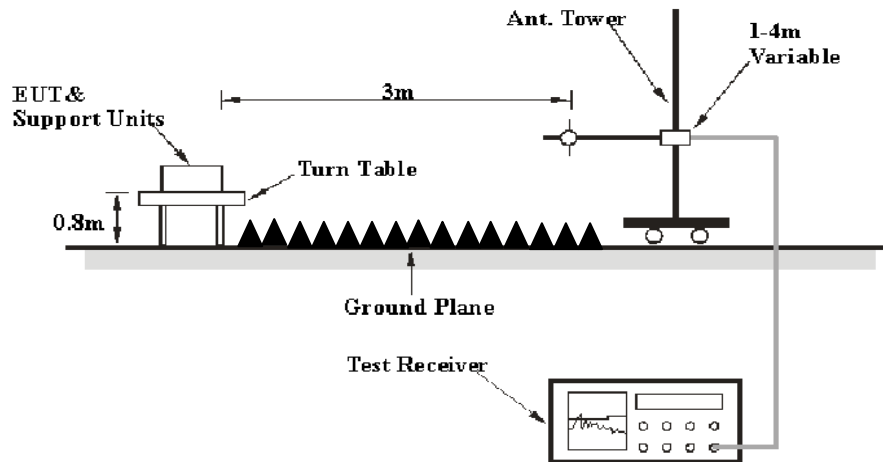
Table 2 – Values of  $U_{cispr}$

Measurement	$U_{cispr}$
Radiated disturbance (electric field strength at an OATS or in a SAC) (30 MHz to 1000 MHz)	6.3 dB
Radiated disturbance (electric field strength in a FAR) (1 GHz to 6 GHz)	5.2 dB
Radiated disturbance (electric field strength in a FAR) (6 GHz to 18 GHz)	5.5 dB

### EUT Setup

Below 1 GHz:



**Above 1GHz:**

The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2003. The specification used was the FCC Part 15.109, Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

The adapter was connected to a 120 VAC/60 Hz power source

**EMI Test Receiver Setup**

According to FCC 15.33 requirements, the system was measured from 30 MHz to 6 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	PK
	1 MHz	10 Hz	/	Ave.

**Test Procedure**

For the radiated emissions test, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in Quasi-peak detection mode for 30 MHz to 1 GHz, Peak and average detection mode above 1 GHz.

## Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Loss and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Loss} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

## Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2013-05-06	2014-05-05
Sunol Sciences	Antenna	JB3	A060611-1	2011-09-06	2014-09-05
HP	Amplifier	8447E	2434A02181	2013-09-06	2014-09-05
R&S	Spectrum Analyzer	FSEM	DE31388	2013-05-07	2014-05-06
ETS-Lindgren	Horn Antenna	3115	000 527 35	2012-09-06	2015-09-05
Mini-Circuit	Amplifier	ZVA-213-S+	054201245	2014-02-19	2015-02-18
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed in accordance to NVLAP requirements, traceable to National Primary Standards and International System of Units (SI).

## Test Results Summary

According to the data in the following table, the EUT complied with the FCC §15.109, Class B, with the worst margin reading of:

**3.20 dB at 34.8500 MHz in the Vertical polarization for downloading**

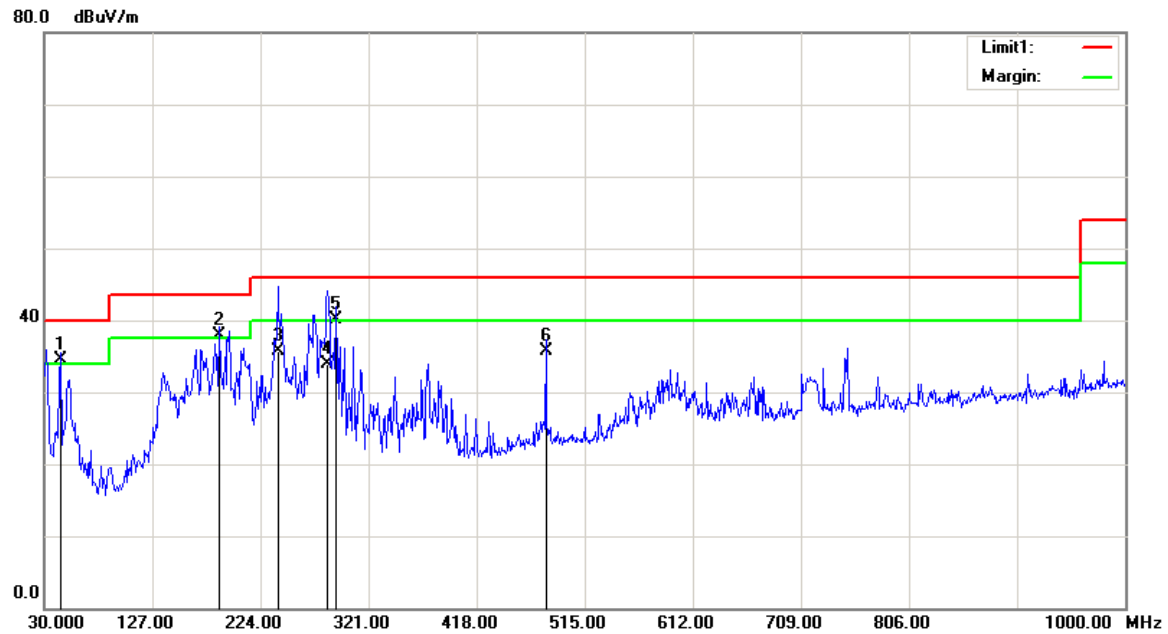
## Test Data

### Environmental Conditions

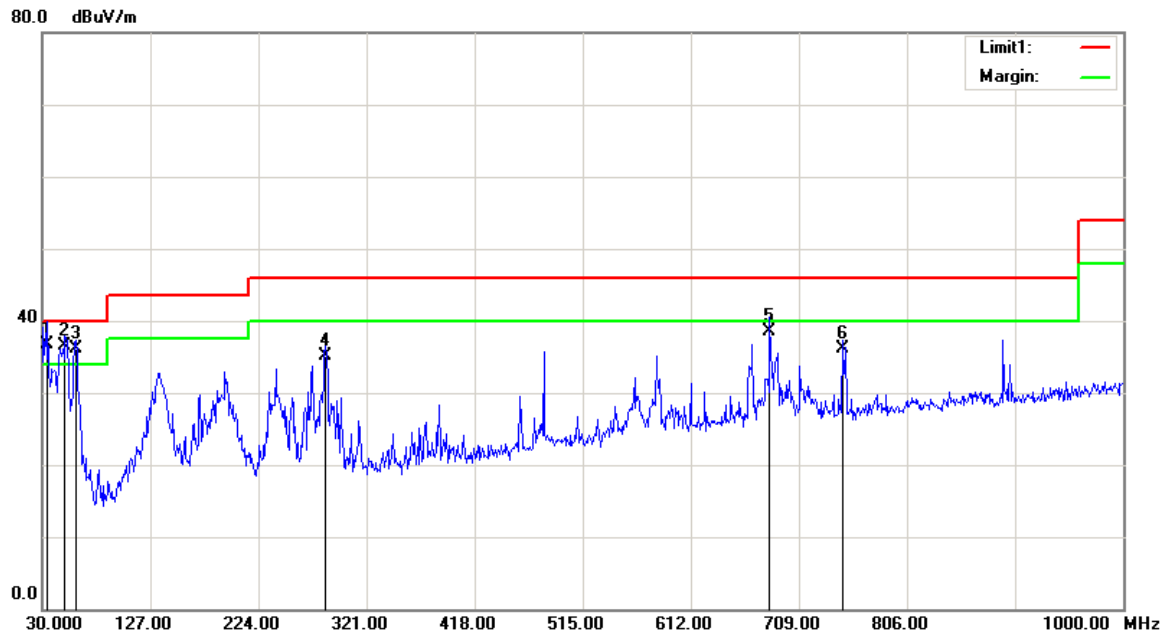
Temperature:	22.4 °C
Relative Humidity:	69 %
ATM Pressure:	100.9 kPa

*The testing was performed by Dean Liu on 2014-04-08.*



**1) Below 1 GHz:***Test mode: Downloading***Horizontal:**

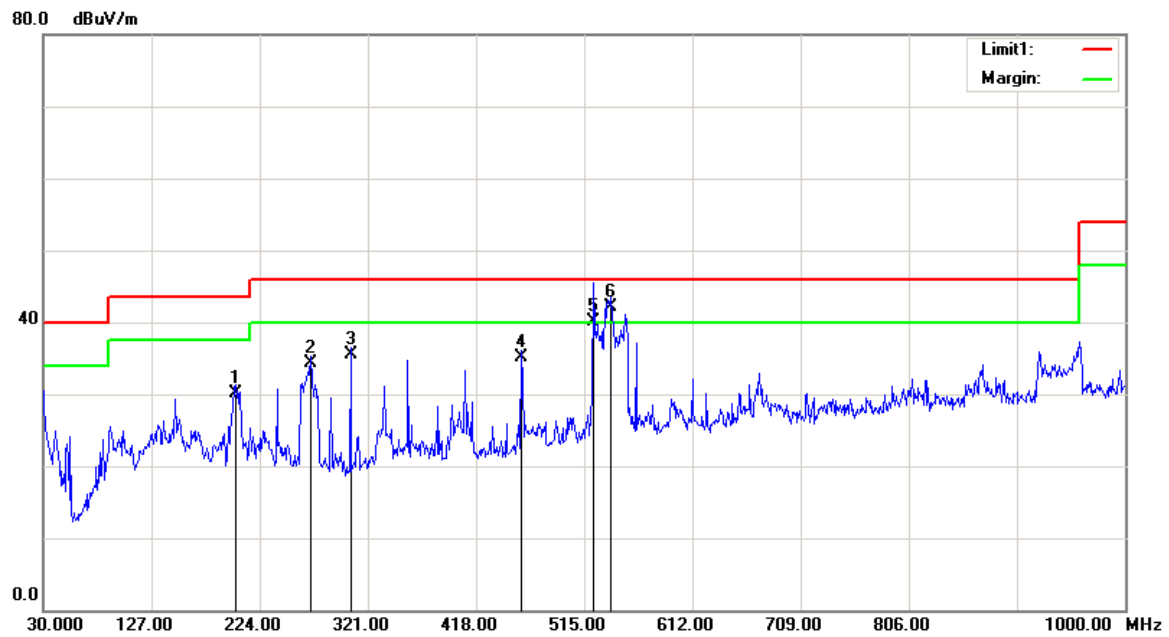
Frequency (MHz)	Receiver Reading (dBμV)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
44.5500	43.97	QP	-9.37	34.60	40.00	5.40
187.1400	46.62	QP	-8.62	38.00	43.50	5.50
239.5200	43.34	QP	-7.64	35.70	46.00	10.30
284.1400	39.78	QP	-5.88	33.90	46.00	12.10
291.9000	45.99	QP	-5.79	40.20	46.00	5.80
480.0800	37.25	QP	-1.45	35.80	46.00	10.20

**Vertical:**

Frequency (MHz)	Receiver Reading (dBμV)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
34.8500	38.99	QP	-2.19	36.80	40.00	3.20*
50.3700	48.52	QP	-12.02	36.50	40.00	3.50*
60.0700	48.98	QP	-12.88	36.10	40.00	3.90*
284.1400	41.08	QP	-5.88	35.20	46.00	10.80
682.8100	37.60	QP	0.90	38.50	46.00	7.50
747.8000	33.99	QP	2.11	36.10	46.00	9.90

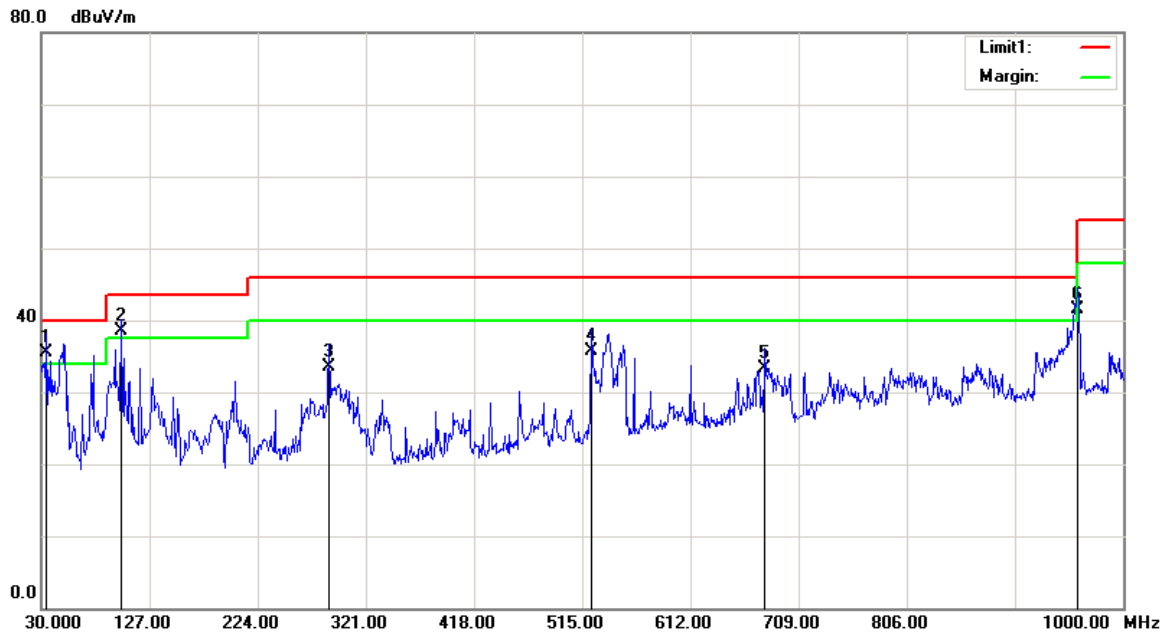
\*Within measurement uncertainty!

Test mode: HDMI

**Horizontal:**

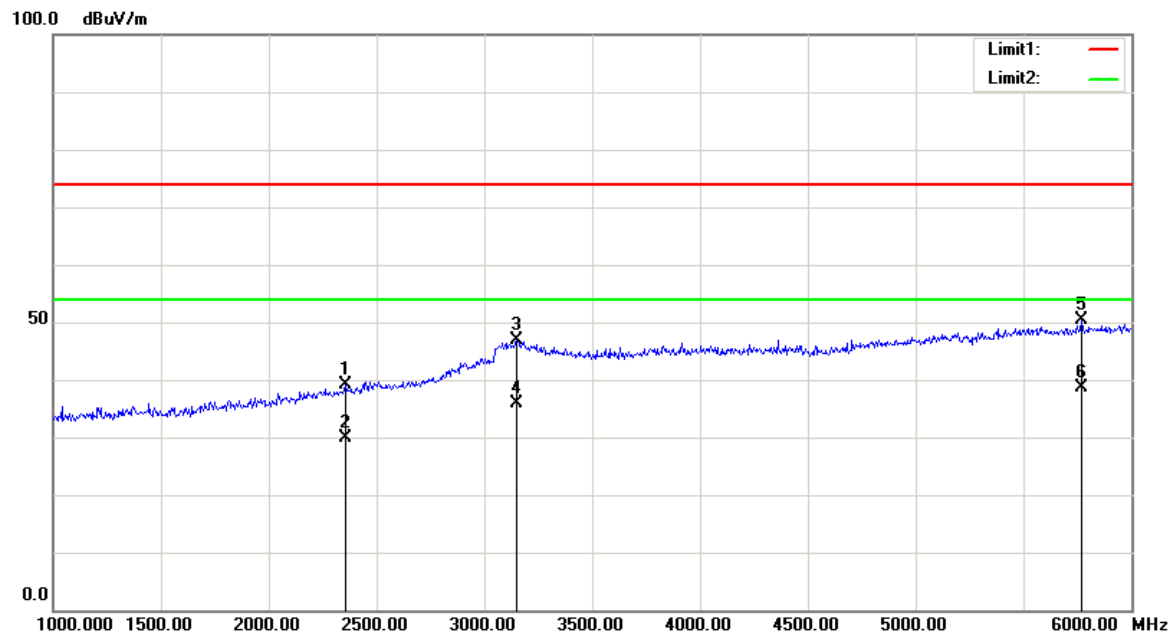
Frequency (MHz)	Receiver Reading (dBμV)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
202.6600	37.71	QP	-7.51	30.20	43.50	13.30
269.5900	40.40	QP	-6.10	34.30	46.00	11.70
305.4800	41.02	QP	-5.52	35.50	46.00	10.50
458.7400	37.20	QP	-2.00	35.20	46.00	10.80
522.7600	41.37	QP	-1.17	40.20	46.00	5.80
539.2500	43.05	QP	-0.95	42.10	46.00	3.90*

\*Within measurement uncertainty!

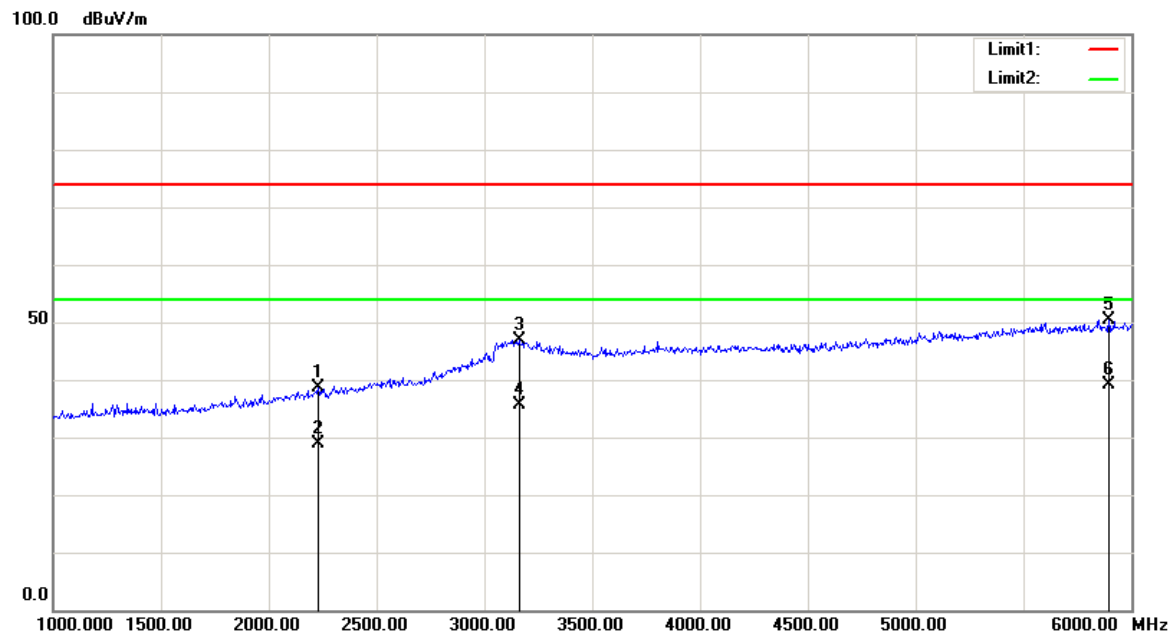
**Vertical:**

Frequency (MHz)	Receiver Reading (dB $\mu$ V)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
34.8500	37.79	QP	-2.19	35.60	40.00	4.40*
101.7800	47.69	QP	-9.19	38.50	43.50	5.00
288.0200	39.20	QP	-5.70	33.50	46.00	12.50
522.7600	36.87	QP	-1.17	35.70	46.00	10.30
678.9300	32.54	QP	0.86	33.40	46.00	12.60
959.2600	36.65	QP	4.85	41.50	46.00	4.50*

\*Within measurement uncertainty!

**2) Above 1 GHz:***Test mode: Downloading***Horizontal:**

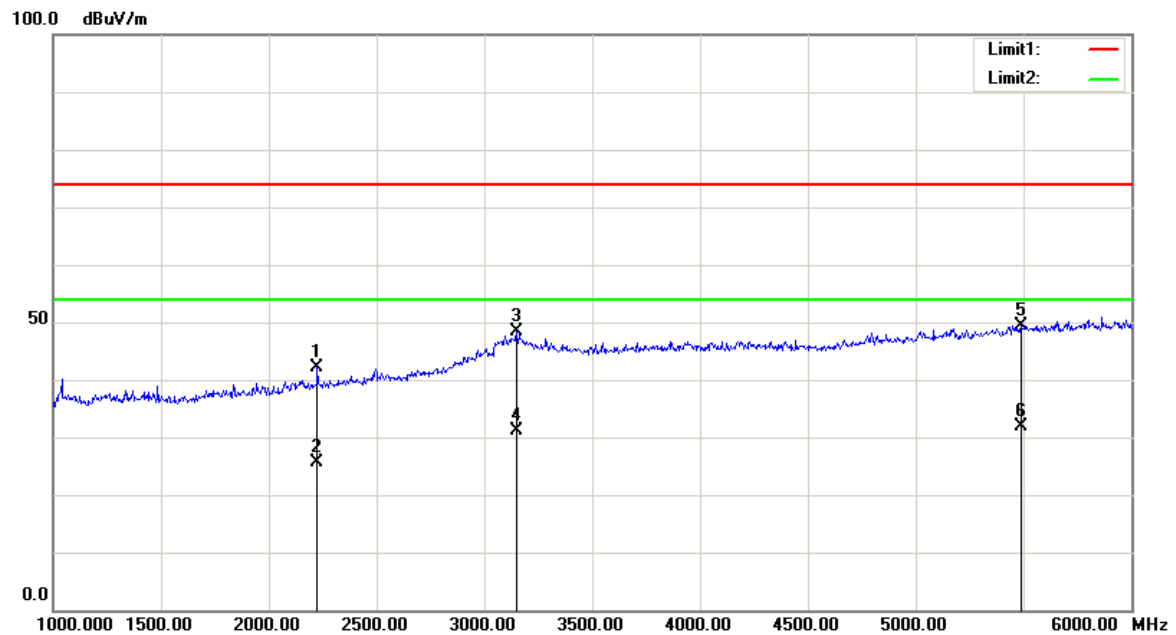
Frequency (MHz)	Receiver Reading (dB $\mu$ V)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
2355.000	36.61	peak	2.50	39.11	74.00	34.89
2355.000	27.40	AVG	2.50	29.90	54.00	24.10
3152.500	38.85	peak	7.91	46.76	74.00	27.24
3152.500	28.00	AVG	7.91	35.91	54.00	18.09
5772.500	38.79	peak	11.70	50.49	74.00	23.51
5772.500	26.99	AVG	11.70	38.69	54.00	15.31

**Vertical:**

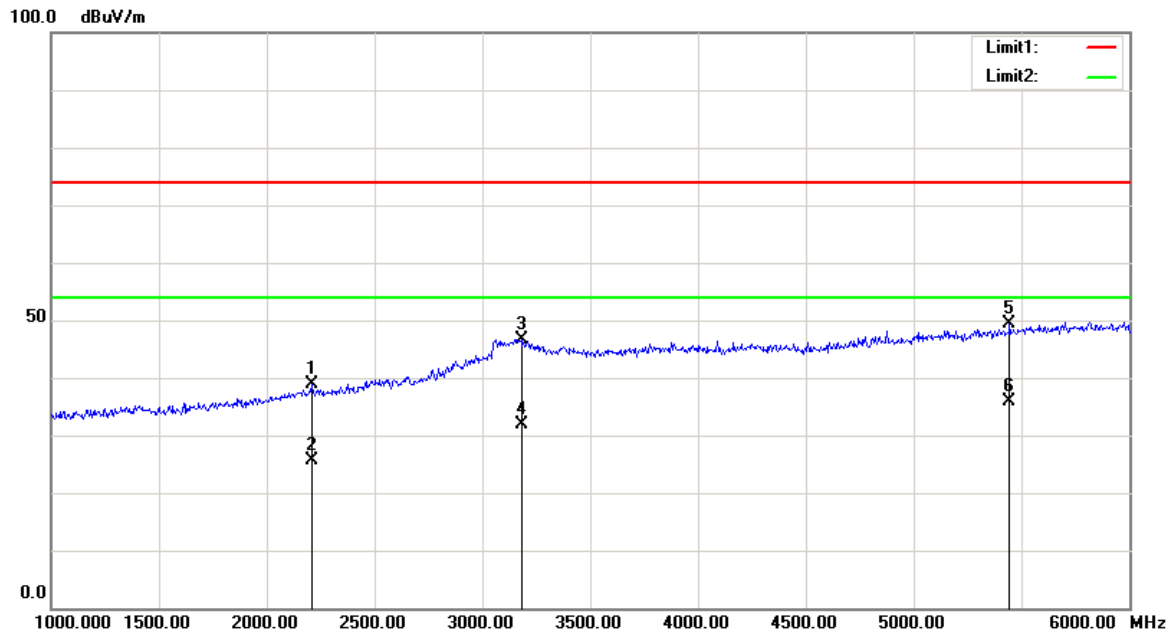
Frequency (MHz)	Receiver Reading (dB $\mu$ V)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
2232.500	36.50	peak	2.10	38.60	74.00	35.40
2232.500	26.86	AVG	2.10	28.96	54.00	25.04
3160.000	39.06	peak	7.77	46.83	74.00	27.17
3160.000	27.90	AVG	7.77	35.67	54.00	18.33
5895.000	38.70	peak	11.66	50.36	74.00	23.64
5895.000	27.40	AVG	11.66	39.06	54.00	14.94

Test mode: HDMI

### Horizontal:



Frequency (MHz)	Receiver Reading (dBμV)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2227.500	39.93	peak	2.09	42.02	74.00	31.98
2227.500	23.58	AVG	2.09	25.67	54.00	28.33
3152.500	40.39	peak	7.91	48.30	74.00	25.70
3152.500	23.14	AVG	7.91	31.05	54.00	22.95
5492.500	38.34	peak	11.04	49.38	74.00	24.62
5492.500	20.88	AVG	11.04	31.92	54.00	22.08

**Vertical:**

Frequency (MHz)	Receiver Reading (dBμV)	Detector (PK/QP/Ave)	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2212.500	36.92	peak	2.03	38.95	74.00	35.05
2212.500	23.66	AVG	2.03	25.69	54.00	28.31
3182.500	39.34	peak	7.38	46.72	74.00	27.28
3182.500	24.58	AVG	7.38	31.96	54.00	22.04
5447.500	38.27	peak	11.02	49.29	74.00	24.71
5447.500	24.74	AVG	11.02	35.76	54.00	18.24

\*\*\*\*\* END OF REPORT \*\*\*\*\*