Test Report of FCC CFR 47 Part 15 Subpart B

On Behalf of

Coby Communications Ltd.

FCC ID:	**S7IMID1048**
Product Description:	**Mobile Internet Device**
Model No.:	**MID1048**
Supplementary Model:	**N/A**
Brand Name:	**COBY**
Prepared for:	**Coby Communications Ltd.** Unit C-E, 8/F, PO Shau Centre,115 How Ming Street , Kwun Tong Kowloon ,Hong Kong
Prepared by:	**Bontek Compliance Testing Laboratory Co., Ltd** 1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China Tel: 86-755-86337020 Fax: 86-755-86337028
Report No.:	BCT12LR397E-1
Issue Date:	January 10, 2013
Test Date:	December 25, 2012~ January 10, 2013

Tested by: Lion Cai
Project Engineer :Lion Cai

Reviewed by: Kendy Wang
Director :Kendy Wang

Approved by: Tony Wu
Manage: Tony Wu

TABLE OF CONTENTS

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant:	**Coby Communications Ltd.**
Address of Applicant:	Unit C-E, 8/F, PO Shau Centre,115 How Ming Street , Kwun Tong Kowloon ,Hong Kong
Manufacturer:	**ShenZhen COBY Communications Ltd.**
Address of Manufacturer:	Block 2～3, TaoXia 2nd Industrial Zone,LongHua Town, BaoAn District, ShenZhen City GuangDong Province P.R. China

General Description of E.U.T

Items	**Description**
EUT Description:	Mobile Internet Device
Trade Name:	**COBY**
Model No.:	MID1048
Supplementary Model:	N/A
WIFI Module:	
Frequency Band:	2412M~2462M
Type of Modulation:	IEEE 802.11b：DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g：OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20/40：OFDM (64QAM, 16QAM, QPSK, BPSK)
Power Supply:	Input: DC3.7V 5150mAh for build-in battery
Adapter Information:	Model: PS14K0502000U5 Input:100-240V 50/60Hz Output: 5VDC 2.0A

* *The test data gathered are from the production sample provided by the manufacturer.*

1.2 Test Standards

The report of EUT is prepared in accordance with FCC Rules and Regulations Part 15 Subpart B 2006 The objective of the manufacturer is to demonstrate compliance with the described above standards.

1.3 Test Facility

All measurement required was performed at laboratory of Bontek Compliance Testing Laboratory Ltd at 1/F, Block East H-3, OCT Eastern Ind. Zone, Qiaocheng East Road, Nanshan, Shenzhen, China.

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

FCC – Registration No.: 338263

BONTEK COMPLIANCE TESTING LABORATORY 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 338263, March 03, 2011.

IC Registration No.: 7631A

The 3m alternate test site of BONTEK COMPLIANCE TESTING LABORATORY LTD. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 7631A on January 25, 2011.

CNAS - Registration No.: L3923

BONTEK COMPLIANCE TESTING LABORATORY LTD. to ISO/IEC 17025:25 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing. The acceptance letter from the CNAS is maintained in our files: Registration: L3923,March 22,2012.

TUV - Registration No.: UA 50203122-0001

BONTEK COMPLIANCE TESTING LABORATORY LTD. An assessment of the laboratory was conducted according to the"Procedures and Conditions for EMC Test Laboratories"with reference to EN ISO/IEC 17025 by a TUV Rheinland auditor. Audit Report NO. 17010783-002.

2. SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2 Support Equipments

The calibrated antennas used to sample the radiated field strength are mounted on a non-conductive, motorized antenna mast 3 or 10 meters from the leading edge of the turntable.

Support equipments or special accessories in test configuration：

AUX Description:	Manufacturer	Model No.	Certificate	CABLE
Host Computer	Dell	78MD82X	CE, FCC	1.5m Unshielded Power Cord
Monitor	Dell	E178Pc	CE, FCC	1.5m Unshielded Power Cord 1.8m shielded data Cable with core
Keyboard	Dell	L100	CE, FCC	1.8m shielded data Cable with core
LCD Colour TV	SHARP	LCD-32Z330A	CE, FCC	1.2m Unshielded Power Cord 1.5m shielded data Cable with core

2.3 General Test Procedures

Conducted Emissions:The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 7.1 of ANSI C63.4-2003 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak detector mode.

Radiated Emissions: The EUT is a placed on as turntable, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.4-2003.

2.4 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Power Line Conducted Emission	+/- 2.3 dB
Radiated Emission	+/- 3.4 dB

Uncertainty figures are valid to a confidence level of 95%.

2.5 List of Measuring Equipments Used

Test equipments list of Shenzhen Bontek Compliance Testing Laboratory Co., Ltd.

No.	Equipment	Manufacturer	Model No.	S/N	Calibration date	Calibration due date
1	EMI Test Receiver	R&S	ESCI	100687	2012-4-6	2013-4-5
2	EMI Test Receiver	R&S	ESPI	100097	2012-7-25	2013-7-24
3	Amplifier	HP	8447D	1937A02492	2012-4-6	2013-4-5
4	Single Power Conductor Module	FCC	FCC-LISN-5-50-1-01-CISPR25	07101	2012-4-6	2013-4-5
5	Single Power Conductor Module	FCC	FCC-LISN-5-50-1-01-CISPR25	07102	2012-4-6	2013-4-5
6	Positioning Controller	C&C	CC-C-1F	MF7802113	N/A	N/A
7	Signal generator	Rhode & Schwarz	SMIQ 03HD + option SM-B1, SMIQB11, SMIQB12, SMIQB14, SMIQB17, SMIQB20	1125.5555.46	2012-4-6	2013-4-5
8	GSM system simulator	Rhode & Schwarz	CMU200 + option K20, K21, K22, K23, K24, K27, K28, K29, K42, K65, B12, B41, B52, B66, B56	1100.0008.34	2012-4-6	2013-4-5
9	GSM system simulator	Agilent	8960 Series 10 E1985A + GSM_AMPS	B.01.76 GB42450443	2012-4-6	2013-4-5
10	Spectrum Analyzer	Agilent	E4404B	US41192833	2012-4-6	2013-4-5
11	6dB Attenuator	Atten	Attenuator	DC-4GHz	2012-4-6	2013-4-5
12	Digital Multimeter	Fluke	15B	91280239	2012-4-6	2013-4-5
13	TRILOG Broadband Test-Antenna	SCHWARZBECK	VULB9163	9163-324	2012-4-10	2013-4-9
14	Horn Antenna	SCHWARZBECK	BBHA9120A	0499	2011-11-28	2012-11-27
15	Active Loop Antenna	DAZE	ZN30900A	1200	2012-4-6	2013-4-6
16	9kHz-2.4GHz signal generator 2024	MARCONI	10S/6625-99-457-8730	112260/042	2012-4-6	2013-4-5
17	10dB attenuator	ELECTRO-METRICS	EM-7600	836	2012-4-6	2013-4-5
18	Spectrum Analyzer	R&S	FSP	100397	2012-11-2	2013-11-1
19	Broadband preamplifier	SCH WARZBECK	BBV9718	9718-182	2012-4-6	2013-4-5
20	Temperature & Humidity Chamber	TOPSTAT	TOS-831A	3438A05208	2012-4-6	2013-4-5

3. SUMMARY OF TEST RESULTS

Standard	Test Items	Result
FCC Part 15 Subpart B	Conduction Emission, 0.15MHz to 30MHz	Pass
FCC Part 15 Subpart B	Radiation Emission, 30MHz to 1000MHz	Pass
FCC Part 15 Subpart B	Radiation Emission, 1000MHz to 6000MHz	Pass

4. TEST OF AC POWER LINE CONDUCTED EMISSION

4.1 Limit of AC Power Line Conducted Emission

Frequency Range (MHz)	Limits (dBuV)	
	Quasi-Peak	Average
0.150～0.500	66～56	56～46
0.500～5.000	56	46
5.000～30.00	60	50

4.2 EUT Setup

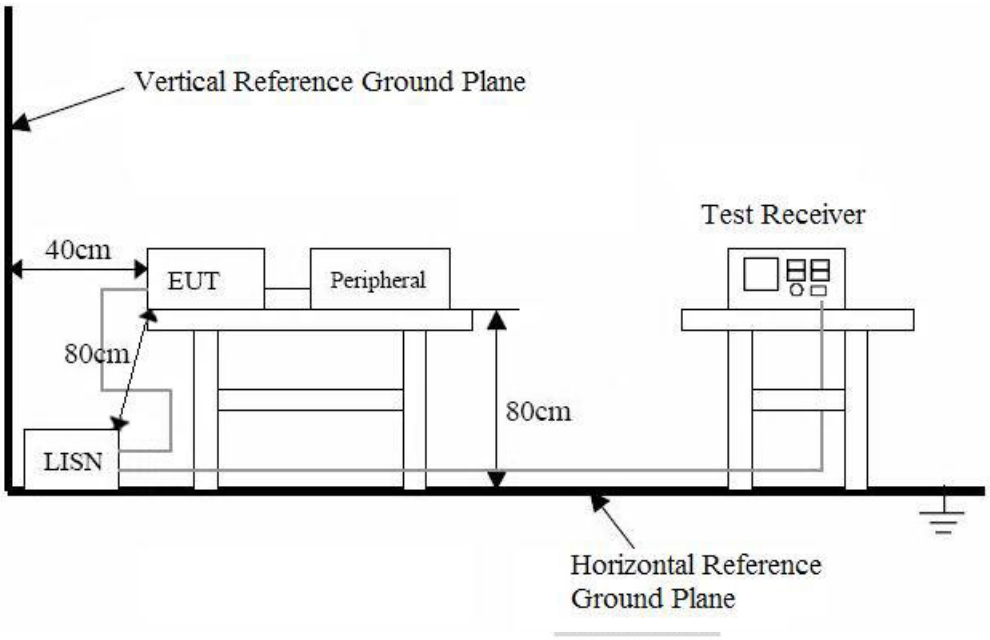
The setup of EUT is according with ANSI C63.4-2003 measurement procedure. The specification used was the FCC Rules and Regulations Part 15 Subpart B limits.

The EUT was placed center and the back edge of the test table.

The AV cables were draped along the test table and bundled to 30-40cm in the middle.

The spacing between the peripherals was 10 cm.

Maximum emission emitted from EUT was determined by manipulating the EUT, support equipment, interconnecting cables and varying the mode of operation and the levels in the final result of the test were recorded with the EUT running in the operating mode that maximum emission was emitted.



Remark: The EUT was connected to a 120VAC/ 60Hz power source.

4.3 Instrument Setup

The test receiver was set with the following configurations:

Test Receiver Setting:

Frequency Range……150 KHz to 30 MHz
Detector……..Peak & Quasi-Peak & Average
Sweep Speed……Auto
IF Band Width……..9 KHz

4.4 Test Procedure

During the conducted emission test, the EUT power cord was connected to the auxiliary outlet of the first Artificial Mains.

Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance using all installation combination.

All data was recorded in the peak detection mode. Quasi-peak and Average readings were only performed when an emission was found to be marginal (within -10 dBμV of specification limits). Quasi-peak readings are distinguished with a "QP". Average readings are distinguished with a "AV".

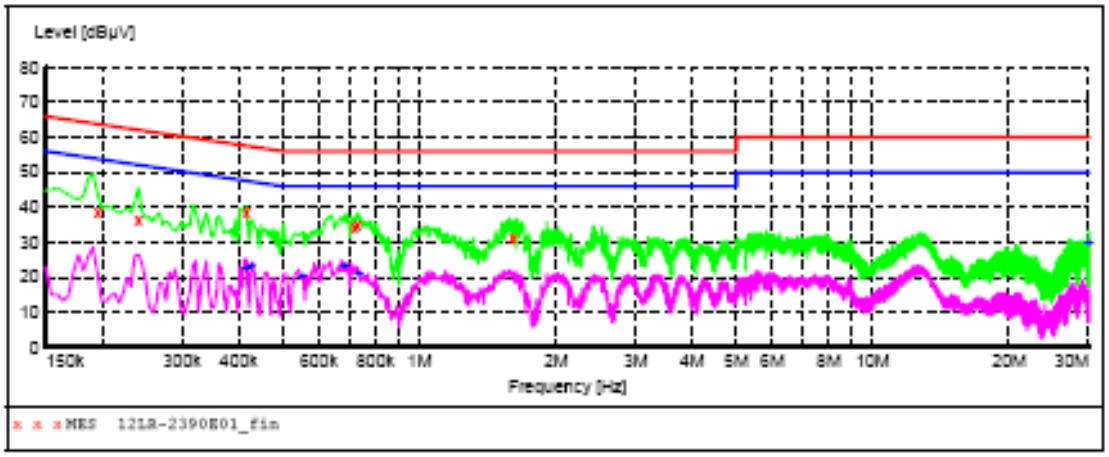
4.5 Test Result

Temperature (℃) : 22~23	EUT: Mobile Internet Device
Humidity (%RH): 50~54	M/N: MID1048
Barometric Pressure (mbar): 950~1000	Operation Condition: refer to description in following test data

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Charging &Camera
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter
Comment:	L Line

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E_fin"

12/26/2012 9:35AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	39.00	10.9	64	24.8	QP	L1	GND
0.240000	36.70	10.7	62	25.4	QP	L1	GND
0.415500	38.30	10.4	58	19.2	QP	L1	GND
0.717000	34.50	10.2	56	21.5	QP	L1	GND
0.730500	34.80	10.2	56	21.2	QP	L1	GND
1.608000	31.50	10.2	56	24.5	QP	L1	GND

MEASUREMENT RESULT: "12LR397_fin2"

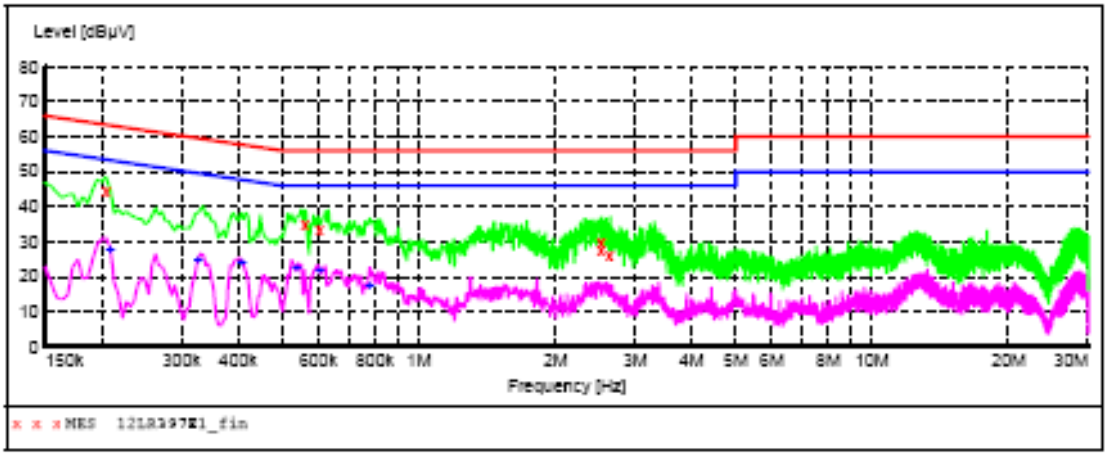
12/26/2012 9:35AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.415500	22.60	10.4	48	24.9	AV	L1	GND
0.424500	23.40	10.4	47	24.0	AV	L1	GND
0.550500	20.40	10.2	46	25.6	AV	L1	GND
0.681000	23.60	10.2	46	22.4	AV	L1	GND
0.735000	21.40	10.2	46	24.6	AV	L1	GND
29.998500	29.70	11.1	50	20.3	AV	L1	GND

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Charging &Camera
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter
Comment:	N Line

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E1_fin"

12/26/2012 10:03AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.204000	44.50	10.8	63	18.9	QP	N	GND
0.559500	35.20	10.2	56	20.8	QP	N	GND
0.604500	33.50	10.2	56	22.5	QP	N	GND
2.521500	29.60	10.2	56	26.4	QP	N	GND
2.526000	27.60	10.2	56	28.4	QP	N	GND
2.629500	26.40	10.2	56	29.6	QP	N	GND

MEASUREMENT RESULT: "12LR397E1_fin2"

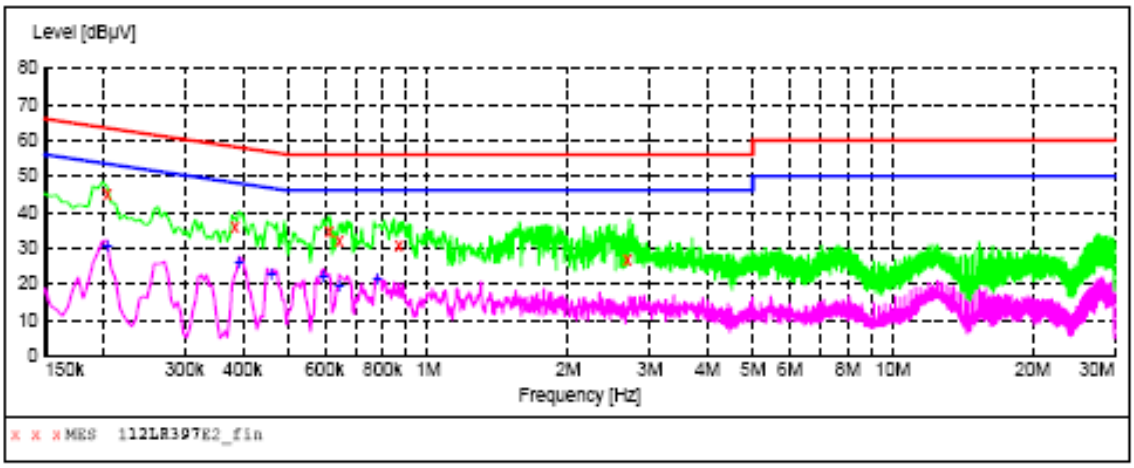
12/19/2012 10:03AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.208500	27.50	10.8	53	25.8	AV	N	GND
0.325500	24.50	10.5	50	25.1	AV	N	GND
0.406500	23.90	10.4	48	23.8	AV	N	GND
0.537000	22.20	10.2	46	23.8	AV	N	GND
0.604500	21.60	10.2	46	24.4	AV	N	GND
0.780000	17.40	10.2	46	28.6	AV	N	GND

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Connect to PC
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter
Comment:	L Line

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E2_fin"

12/26/2012 10:09AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.204000	44.80	10.8	63	18.6	QP	L1	GND
0.384000	36.20	10.4	58	22.0	QP	L1	GND
0.613500	34.60	10.2	56	21.4	QP	L1	GND
0.645000	32.00	10.2	56	24.0	QP	L1	GND
0.865500	30.50	10.2	56	25.5	QP	L1	GND
2.688000	26.80	10.2	56	29.2	QP	L1	GND

MEASUREMENT RESULT: "12LR397E2_fin2"

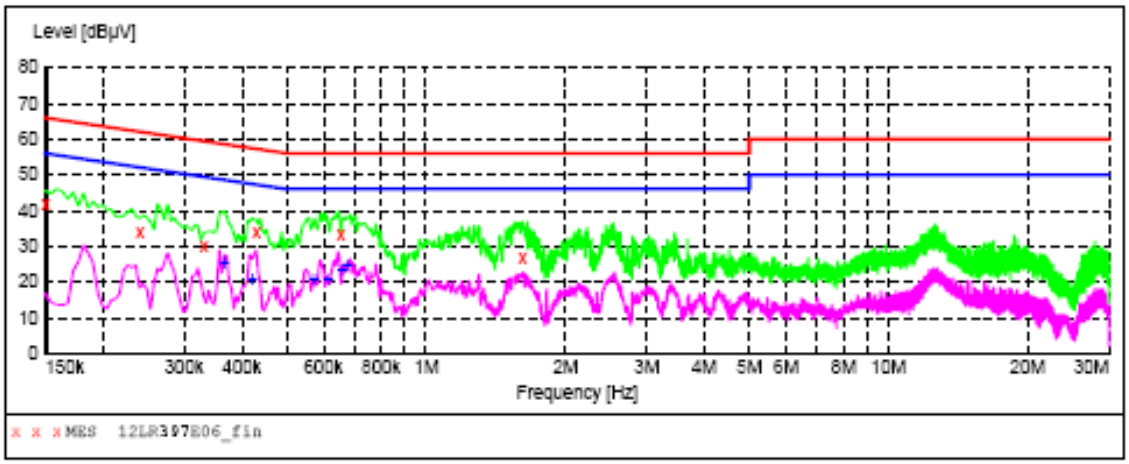
12/26/2012 10:09AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.204000	30.90	10.8	53	22.5	AV	L1	GND
0.393000	25.90	10.4	48	22.1	AV	L1	GND
0.460500	22.90	10.3	47	23.8	AV	L1	GND
0.595500	22.50	10.2	46	23.5	AV	L1	GND
0.645000	19.60	10.2	46	26.4	AV	L1	GND
0.780000	21.80	10.2	46	24.2	AV	L1	GND

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Connect to PC
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter
Comment:	N Line

SCAN TABLE: "Voltage (9K-30M) FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E06_fin"

12/26/2012 9:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	41.50	11.4	66	24.5	QP	N	GND
0.240000	33.70	10.7	62	28.4	QP	N	GND
0.330000	29.90	10.5	60	29.6	QP	N	GND
0.429000	33.90	10.3	57	23.4	QP	N	GND
0.654000	33.50	10.2	56	22.5	QP	N	GND
1.617000	26.70	10.2	56	29.3	QP	N	GND

MEASUREMENT RESULT: "12LR397E06_fin2"

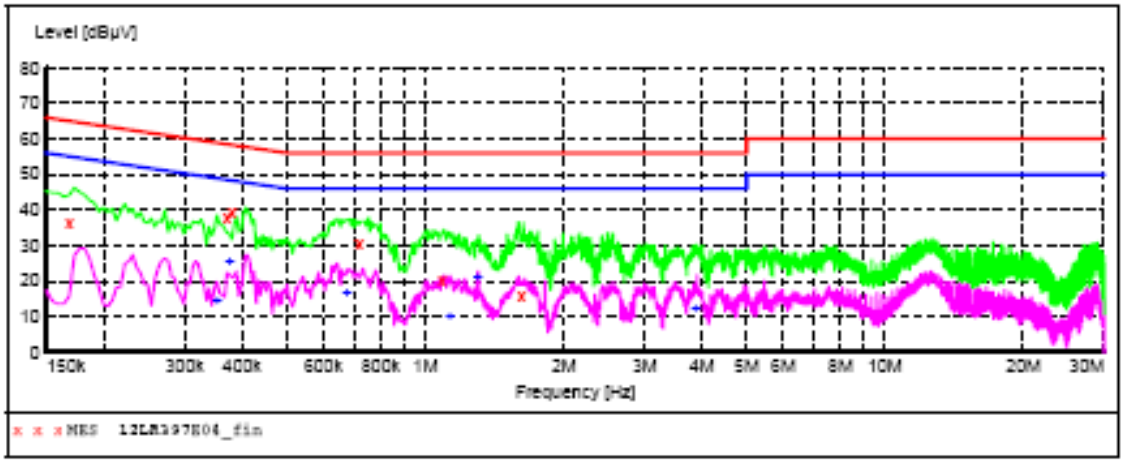
12/26/2012 9:58AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.366000	25.20	10.4	49	23.4	AV	N	GND
0.420000	21.20	10.4	47	26.2	AV	N	GND
0.573000	20.60	10.2	46	25.4	AV	N	GND
0.613500	20.80	10.2	46	25.2	AV	N	GND
0.658500	23.40	10.2	46	22.6	AV	N	GND
0.676500	24.60	10.2	46	21.4	AV	N	GND

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	HDMI Playing
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter
Comment:	L Line

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E04_fin"

12/26/2012 9:48AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.168000	36.20	11.2	65	28.9	QP	L1	GND
0.370500	37.70	10.4	59	20.8	QP	L1	GND
0.379500	39.10	10.4	58	19.2	QP	L1	GND
0.717000	30.20	10.2	56	25.8	QP	L1	GND
1.086000	20.00	10.3	56	36.0	QP	L1	GND
1.617000	15.80	10.2	56	40.2	QP	L1	GND

MEASUREMENT RESULT: "12LR397E04_fin2"

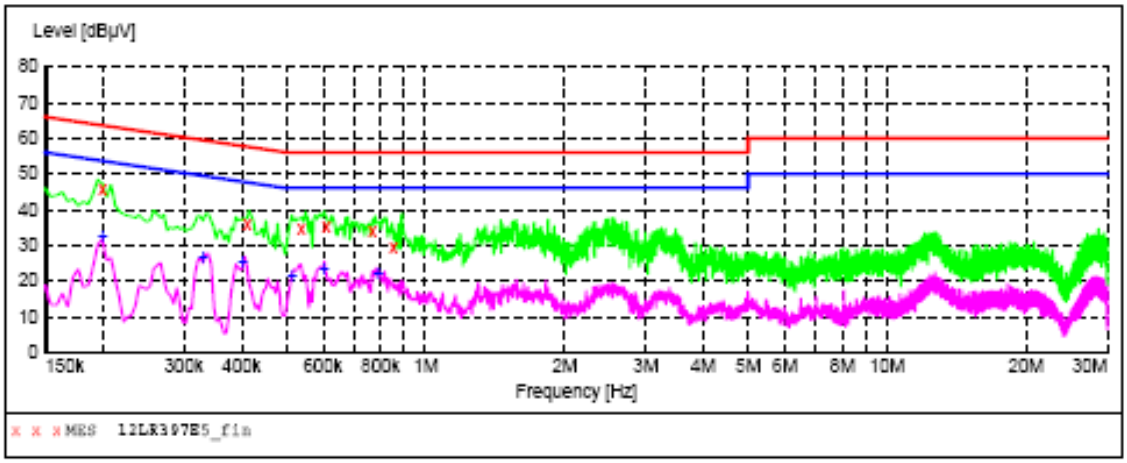
12/26/2012 9:48AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.352500	14.80	10.5	49	34.1	AV	L1	GND
0.375000	25.30	10.4	48	23.1	AV	L1	GND
0.676500	16.90	10.2	46	29.1	AV	L1	GND
1.131000	10.30	10.3	46	35.7	AV	L1	GND
1.302000	20.80	10.2	46	25.2	AV	L1	GND
3.867000	12.30	10.3	46	33.7	AV	L1	GND

Conducted Emission:

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	HDMI Playing
Test Site:	Shielded Room
Operator:	Yang
Test Specification:	AC 120V/60Hz for adapter）
Comment:	N Line

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "12LR397E5_fin"

12/26/2012 10:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199500	45.80	10.8	64	17.8	QP	N	GND
0.411000	35.70	10.4	58	21.9	QP	N	GND
0.537000	34.50	10.2	56	21.5	QP	N	GND
0.609000	35.20	10.2	56	20.8	QP	N	GND
0.766500	33.80	10.2	56	22.2	QP	N	GND
0.852000	29.30	10.2	56	26.7	QP	N	GND

MEASUREMENT RESULT: "12LR397E5_fin2"

12/26/2012 10:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199500	32.50	10.8	54	21.1	AV	N	GND
0.330000	26.70	10.5	50	22.8	AV	N	GND
0.402000	25.40	10.4	48	22.4	AV	N	GND
0.514500	21.40	10.2	46	24.6	AV	N	GND
0.604500	23.60	10.2	46	22.4	AV	N	GND
0.789000	21.90	10.2	46	24.1	AV	N	GND

5 - RADIATED DISTURBANCES

5.1 Limit of Radiated Disturbances

Frequency (MHz)	Distance (Meters)	Field Strengths Limits (dBμV/m)
30 ~ 88	3	40
88~216	3	43.5
216 ~ 960	3	46
960 ~ 1000	3	54

Note:
(1) The tighter limit shall apply at the edge between two frequency bands.
(2) Distance refers to the distance in meters between the test instrument antenna and the closest point of any part of the E.U.T.

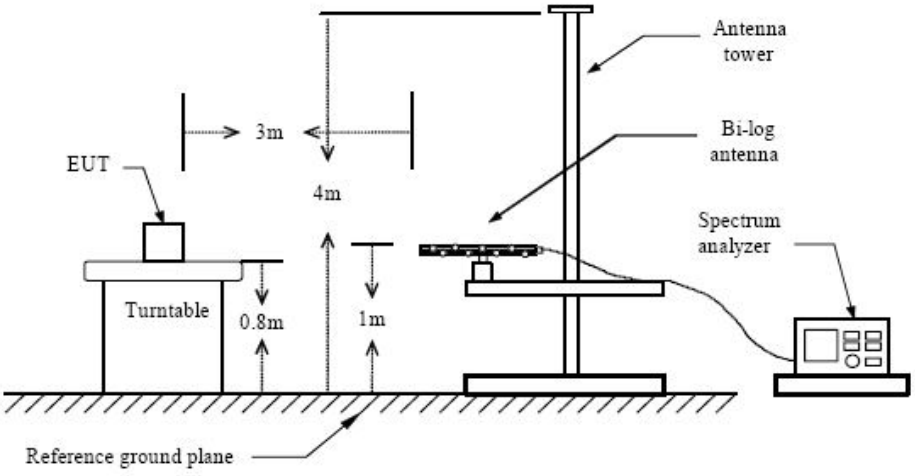
5.2 EUT Setup

The radiated emission tests were performed in the in the 3-meter anechoic chamber, using the setup accordance with the ANSI C63.4-2003. The specification used was the FCC Part 15 Subpart B limits.

The EUT was placed on the center of the test table.

Maximum emission emitted from EUT was determined by manipulating the EUT, support equipment, interconnecting cables and varying the mode of operation and the levels in the final result of the test were recorded with the EUT running in the operating mode that maximum emission was emitted.

Below 1 GHz



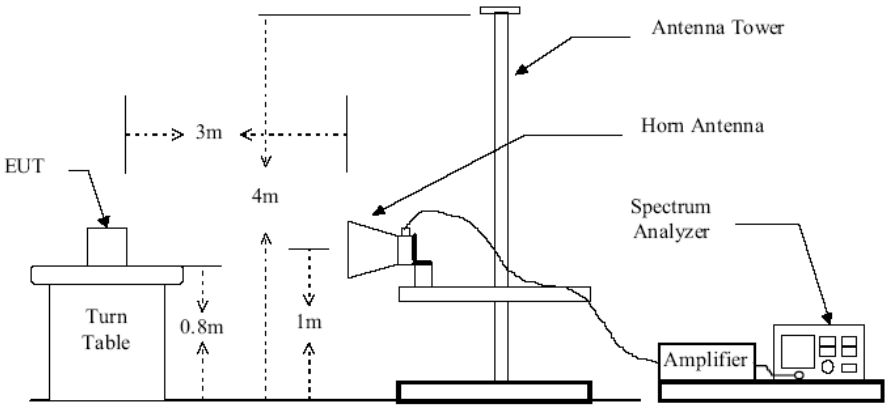


Figure 2 : Frequencies measured above 1 GHz configuration

5.3 Test Receiver Setup

According to FCC Part 15 rule, the frequency was investigated from 30 to 1000 MHz. During the radiated emission test, the test receiver was set with the following configurations:

Test Receiver Setting:

Detector……..Peak & Quasi-Peak
IF Band Width……..120KHz
Frequency Range…….30MHz to 1000MHz
Turntable Rotated…….0 to 360 degrees
Above 1 GHz tests were performed using a spectrum analyser using the following settings:
Peak RBW=VBW= 1MHz
Average RBW=VBW= 1MHz

Antenna Position:

Height……1m to 4m
Polarity……...Horizontal and Vertical

5.4 Test Procedure

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

All data was recorded in the peak detection mode. Quasi-peak readings performed only when an emission was found to be marginal (within -10 dBμV of specification limits), and are distinguished with a "QP" in the data table.

5.5 Corrected Amplitude & Margin Calculation

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

Corr. Ampl. = Indicated Reading + Antenna Factor + Cable Factor - Amplifier Gain

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

Margin = Limit – Corr. Ampl.

5.6 Radiated Emissions Test Result

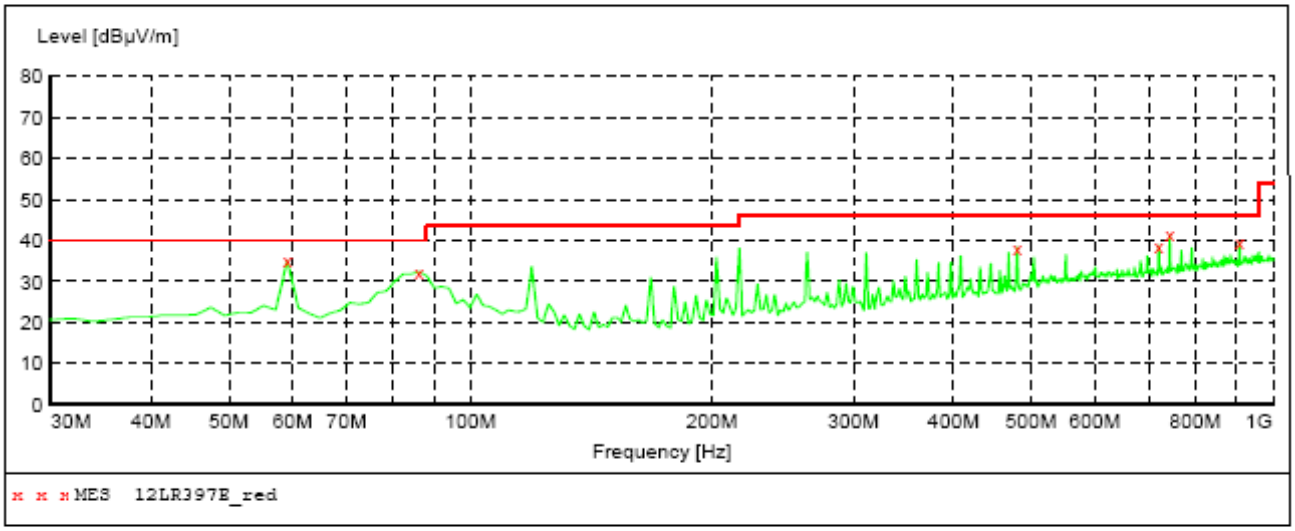
Temperature (℃) : 22~23	EUT: Mobile Internet Device
Humidity (%RH): 50~54	M/N: MID1048
Barometric Pressure (mbar): 950~1000	Operation Condition: refer to description in following test data

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Charging &Camera Playing
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Horizontal

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 7:19PM

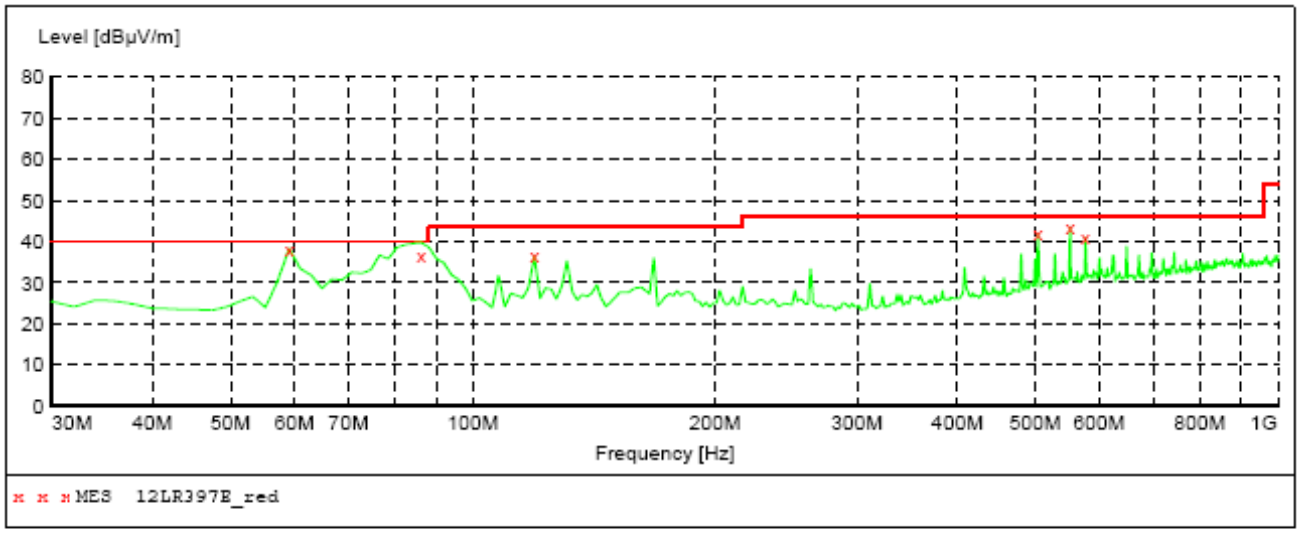
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
59.100000	35.10	14.6	40.0	4.9	QP	300.0	0.00	HORIZONTAL
86.260000	32.40	14.8	40.0	7.6	QP	100.0	0.00	HORIZONTAL
480.080000	38.30	23.1	46.0	7.7	QP	100.0	0.00	HORIZONTAL
720.640000	38.80	26.8	46.0	7.2	QP	300.0	0.00	HORIZONTAL
743.920000	41.30	27.2	46.0	4.7	QP	100.0	0.00	HORIZONTAL
908.820000	39.50	29.3	46.0	6.5	QP	100.0	0.00	HORIZONTAL

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Charging& Camera Playing
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Vertical

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 8:07PM

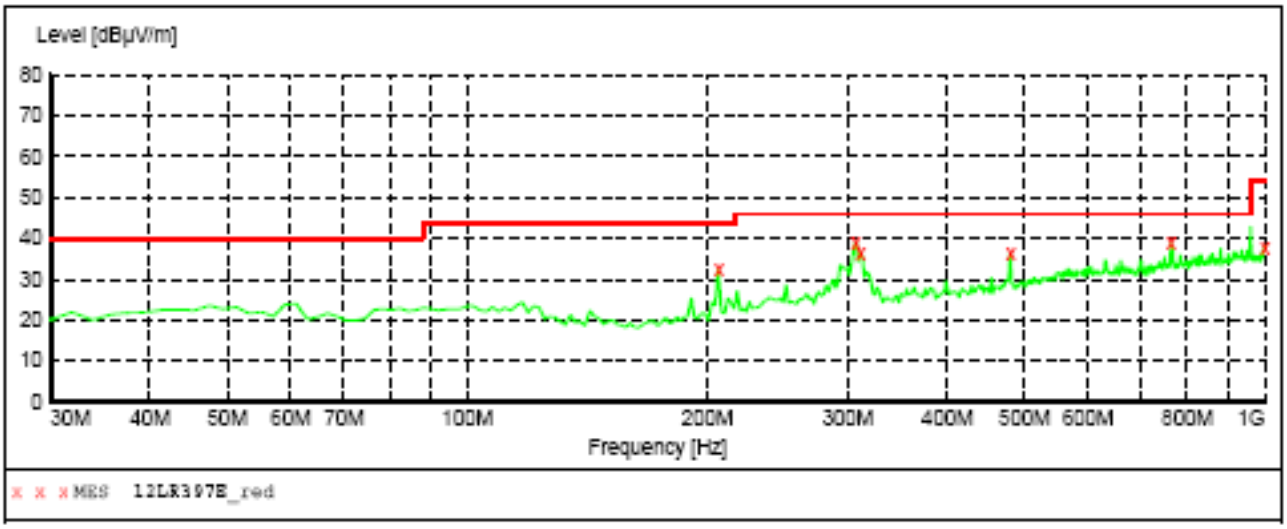
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
59.100000	38.30	14.6	40.0	1.7	QP	100.0	0.00	VERTICAL
86.260000	36.80	14.8	40.0	3.2	QP	100.0	0.00	VERTICAL
119.240000	36.60	14.8	43.5	6.9	QP	100.0	0.00	VERTICAL
503.360000	41.90	23.9	46.0	4.1	QP	100.0	0.00	VERTICAL
551.860000	43.50	25.0	46.0	2.5	QP	100.0	0.00	VERTICAL
577.080000	40.90	25.5	46.0	5.1	QP	100.0	0.00	VERTICAL

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Connect to PC
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Horizontal

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 8:02PM

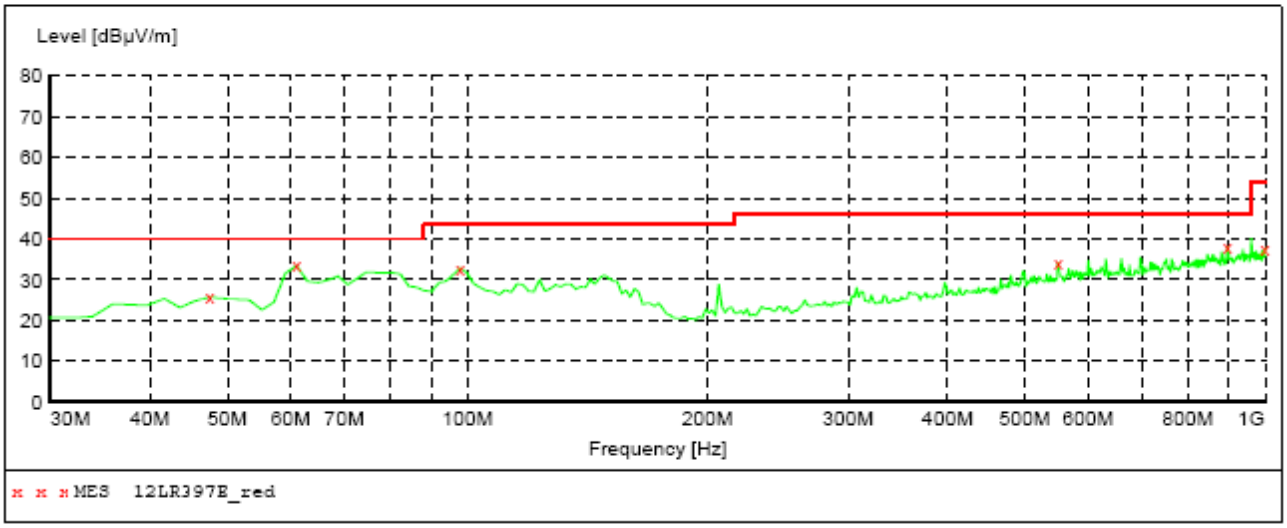
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
206.540000	32.30	15.0	43.5	11.2	QP	100.0	0.00	HORIZONTAL
307.420000	39.00	18.9	46.0	7.0	QP	100.0	0.00	HORIZONTAL
311.300000	36.50	19.0	46.0	9.5	QP	100.0	0.00	HORIZONTAL
480.080000	36.30	23.1	46.0	9.7	QP	100.0	0.00	HORIZONTAL
763.320000	38.80	27.5	46.0	7.2	QP	100.0	0.00	HORIZONTAL
1000.000000	37.90	30.0	53.9	16.0	QP	100.0	0.00	HORIZONTAL

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Connect to PC
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Vertical

SWEEP TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 8:02PM

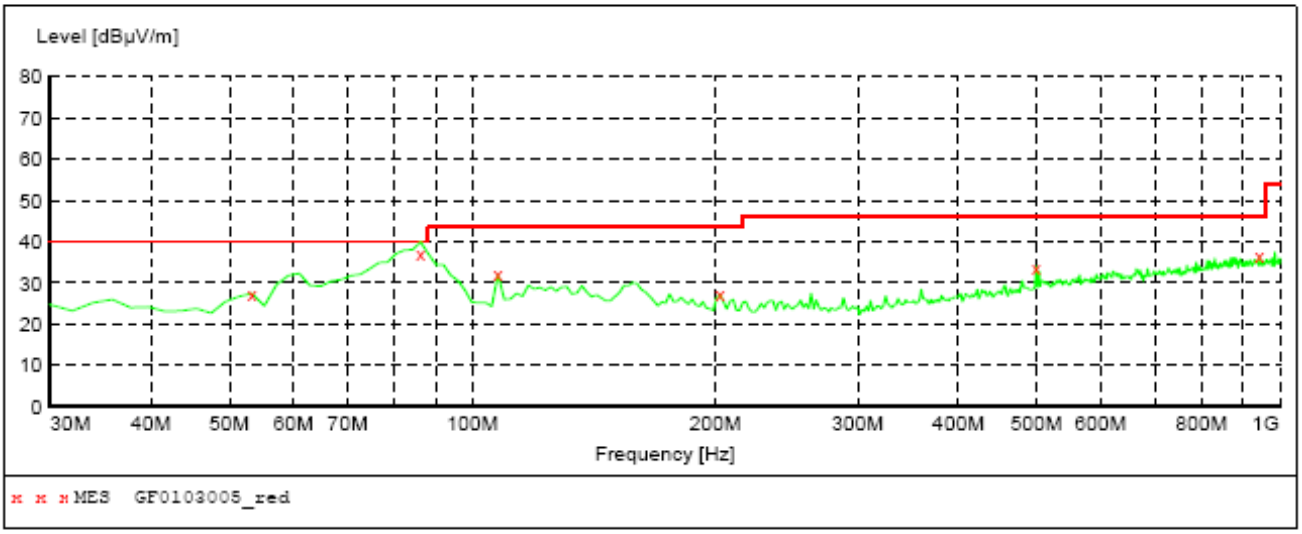
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
47.460000	25.70	15.8	40.0	14.3	QP	100.0	0.00	VERTICAL
61.040000	33.50	14.2	40.0	6.5	QP	100.0	0.00	VERTICAL
97.900000	32.90	17.4	43.5	10.6	QP	100.0	0.00	VERTICAL
549.920000	34.10	25.0	46.0	11.9	QP	100.0	0.00	VERTICAL
897.180000	38.00	29.2	46.0	8.0	QP	100.0	0.00	VERTICAL
1000.000000	37.60	30.0	53.9	16.3	QP	100.0	0.00	VERTICAL

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	HDMI Playing
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Vertical

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 8:10PM

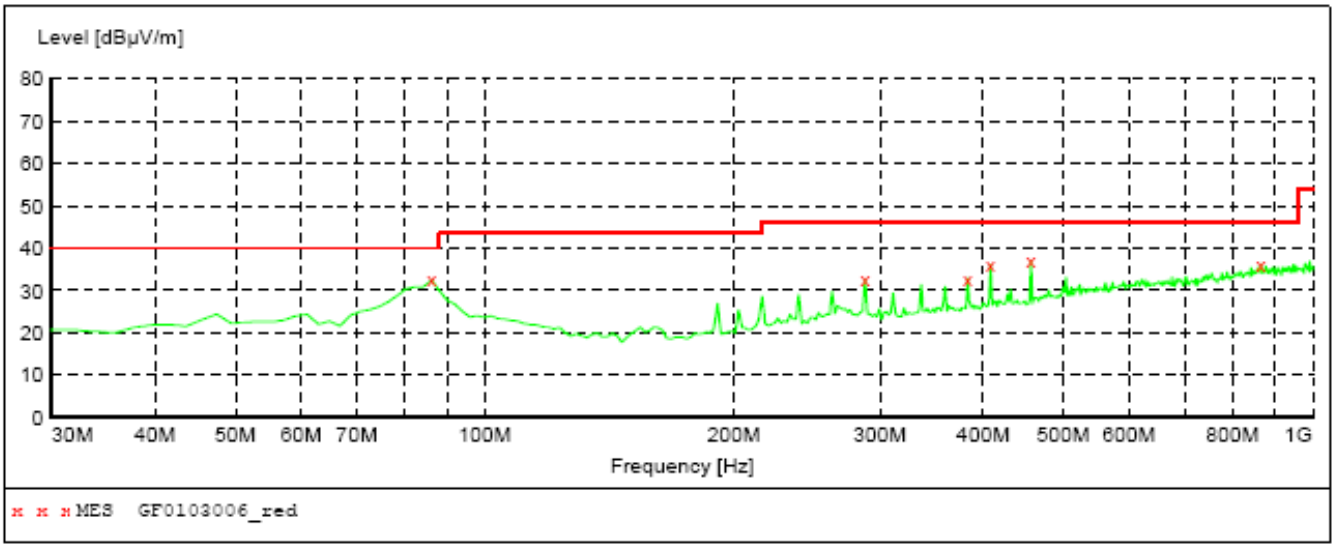
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.280000	27.50	15.7	40.0	12.5	QP	100.0	0.00	VERTICAL
86.260000	36.90	14.8	40.0	3.1	QP	100.0	0.00	VERTICAL
107.600000	32.20	16.8	43.5	11.3	QP	100.0	0.00	VERTICAL
202.660000	27.30	14.9	43.5	16.2	QP	100.0	0.00	VERTICAL
499.480000	33.90	23.8	46.0	12.1	QP	100.0	0.00	VERTICAL
943.740000	36.40	29.5	46.0	9.6	QP	100.0	0.00	VERTICAL

Radiated Emission Test Data(30~1000M):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	USB Palying
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Horizontal

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	100 kHz	VULB9163 NEW



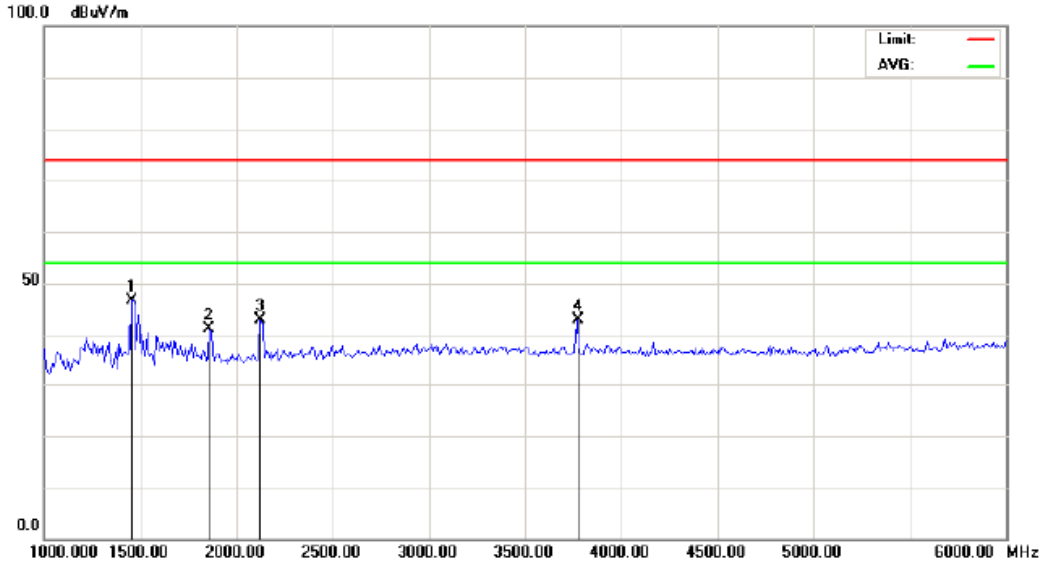
MEASUREMENT RESULT: "12LR397E_red"

1/3/2013 7:30PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
86.260000	32.50	14.8	40.0	7.5	QP	300.0	0.00	HORIZONTAL
288.020000	32.70	18.4	46.0	13.3	QP	100.0	0.00	HORIZONTAL
383.080000	32.90	21.0	46.0	13.1	QP	100.0	0.00	HORIZONTAL
408.300000	36.10	21.7	46.0	9.9	QP	100.0	0.00	HORIZONTAL
456.800000	37.10	22.2	46.0	8.9	QP	100.0	0.00	HORIZONTAL

Radiated Emission Test Data(Above 1GHz):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Normal Operation
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Horizontal



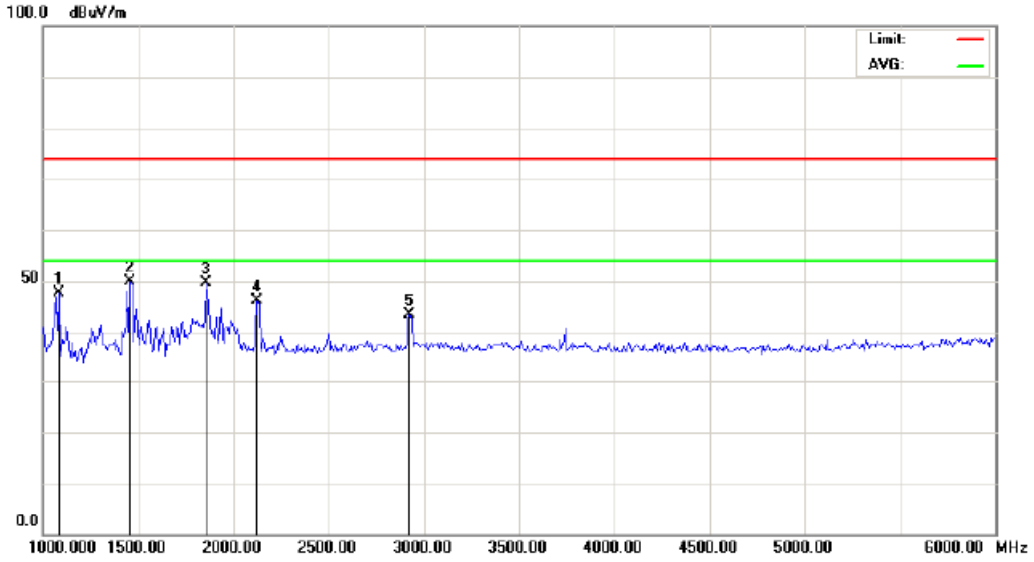
Site site #1 Polarization: *Horizontal* Temperature: 24

Limit: FCC PART15B 3M ABOVE 1G PEAK Power: AC 230V/50Hz Humidity: 59 %

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)		
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	peak	AVG	peak	AVG	P/F
1	1458.333	57.89			-11.3	46.56			74.00	54.00	-27.44	-7.44	P
2	1858.333	50.58			-9.39	41.19			74.00	54.00	-32.81	-12.81	P
3	2125.000	51.22			-8.30	42.92			74.00	54.00	-31.08	-11.08	P
4	3766.667	47.03			-4.23	42.80			74.00	54.00	-31.20	-11.20	P

Radiated Emission Test Data(Above 1GHz):

EUT:	Mobile Internet Device
M/N:	MID1048
Operating Condition:	Normal Operation
Test Site:	3m CHAMBER
Operator:	Chen
Test Specification:	AC 120V/60Hz for adapter
Comment:	Polarization: Vertical



Site site #1 Polarization: *Vertical* Temperature: 24

Limit: FCC PART15B 3M ABOVE 1G PEAK Power: AC 230V/50Hz Humidity: 59 %

No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV/m)			Limit (dBuV/m)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	peak	AVG	peak	AVG	P/F	Comment
1	1083.333	60.80			-13.1	47.65			74.00	54.00	-26.35	-6.35	P	
2	1458.333	61.13			-11.3	49.80			74.00	54.00	-24.20	-4.20	P	
3	1858.333	59.01			-9.39	49.62			74.00	54.00	-24.38	-4.38	P	
4	2125.000	54.34			-8.30	46.04			74.00	54.00	-27.96	-7.96	P	
5	2925.000	49.21			-5.76	43.45			74.00	54.00	-30.55	-10.55	P	