FCC Test Report

FCC ID: QIST1-701W

Project No.	:	1503C049A
Equipment	:	HUAWEI MediaPad T1 7.0
Model Name	:	T1-701w
Applicant	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt	:	Mar. 06, 2015
Date of Test	:	Mar. 06, 2015~ Mar. 24, 2015
Issued Date	:	Apr. 17, 2015
Tested by	:	BTL Inc.

Testing Engineer : _____
(Kener Wu)

Technical Manager : _____
(Jeff Yang)

Authorized Signatory : _____
(Andy Chiu)

BTL INC.

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Testing Laboratory
0659

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Table of Contents Page

REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1503C049	Original Report.	Mar. 26, 2015
BTL-FCCE-1-1503C049A	Compared with Previous report (BTL-FCCE-1-1503C049), model name is changed, and the GSM850/1900 and WCDMA1900/850 function are not supported.	Apr. 17, 2015

1. CERTIFICATION

Equipment	:	HUAWEI MediaPad T1 7.0
Brand Name	:	N/A
Model Name	:	T1-701w
Applicant	:	Huawei Technologies Co.,Ltd.
Manufacturer	:	Huawei Technologies Co.,Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China
Factory	:	BYD Huizhou Electronics Co.,Ltd.
Address	:	Xiangshui River Daya Bay Economic Development Zone Huizhou Guangdong P.R China
Date of Test	:	Mar. 06, 2015~ Mar. 24, 2015
Standard(s)	:	FCC Part 15, Subpart B: 2014 ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1503C049A) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B:2014	Conducted Emission	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

(1) ” N/A” denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C02/CB08** at the location of 1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR16-4-2:

The reported uncertainty of measurement **y** ±**U**, where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95**% ◦

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
C02	CISPR	150 KHz~30MHz	2.59	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)	NOTE
CB08	CISPR	30MHz~200MHz	V	3.22	
		30MHz~200MHz	H	3.55	
		200MHz~ 1,000MHz	V	3.24	
		200MHz~ 1,000MHz	H	3.11	
		1,000MHz~18,000MHz	V	4.05	
		1,000MHz~18,000MHz	H	3.97	
		18,000MHz~40,000MHz	V	4.04	
		18,000MHz~40,000MHz	H	4.01	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	HUAWEI MediaPad T1 7.0
Brand Name	N/A
Model Name	T1-701w
Model Difference	N/A
PowerSource	#1 DC voltage supplied from AC/DC adapter. Brand/Model: HUAWEI/HW-050100U2W Brand/Model: HUAWEI/HW-050100C2W #2 Supplied from Li-ion battery. Brand/Model: HUAWEI/HB474284RBC
Power Rating	#1 I/P: 100-240V~50/60Hz 0.2A O/P: 5.0V/1.0A #2 DC 3.8V 2000mAH

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. The EUT has two earphones with different manufacturer.

Item	Manufacturer
Earphone	GOERTEK INC
	United Elecronics Co.Ltd Jiangxi

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

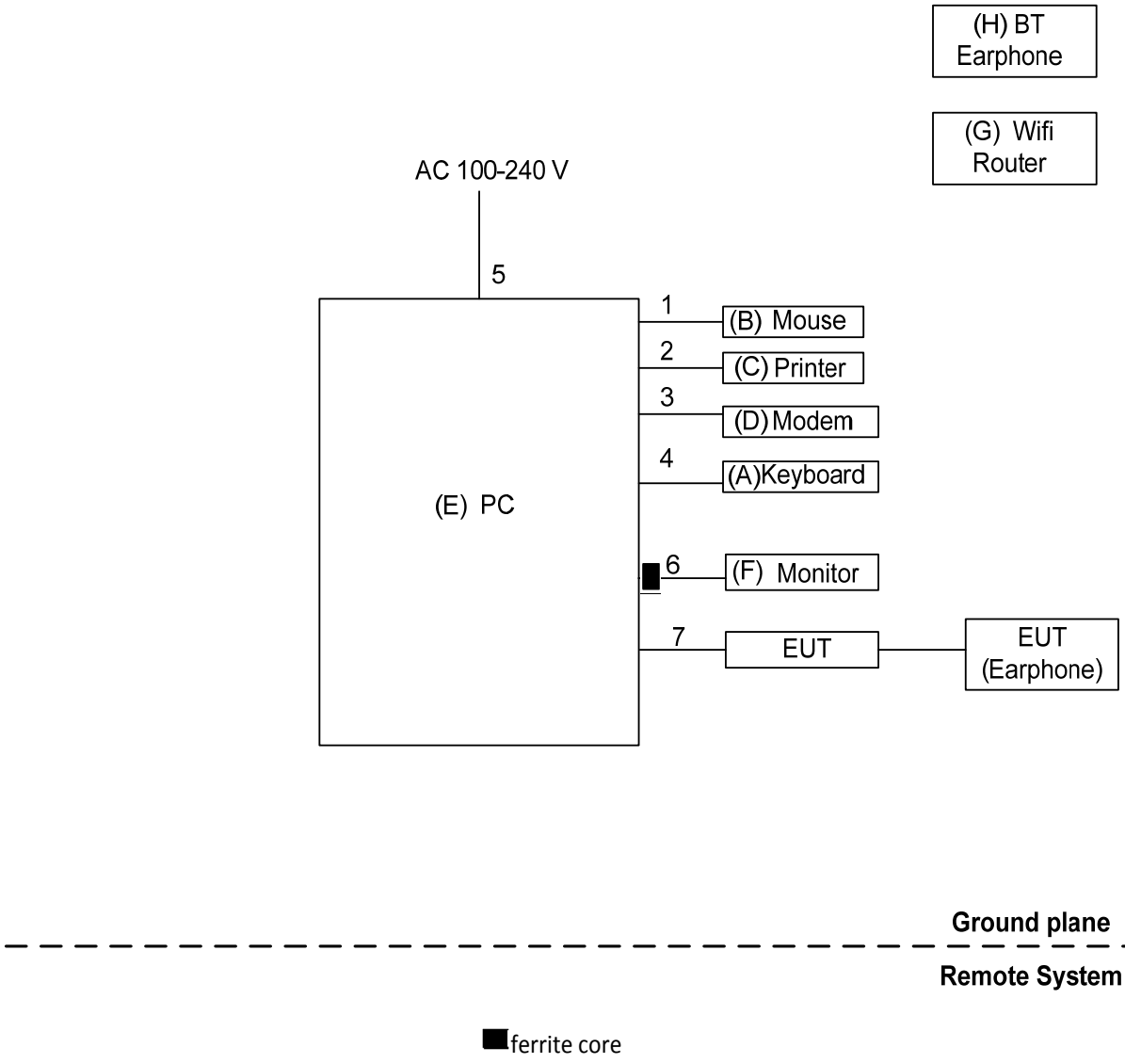
Pretest Mode	Description
Mode 1	Adapter+Earphone+Playing+idle+WiFi+GPS
Mode 2	Adapter + Earphone +Camera on+BT+idle
Mode 3	Adapter+ Traffic
Mode 4	Playing+idle+WiFi+GPS+Speaker
Mode 5	USB Copy(EUT with PC) +Earphone+idle

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

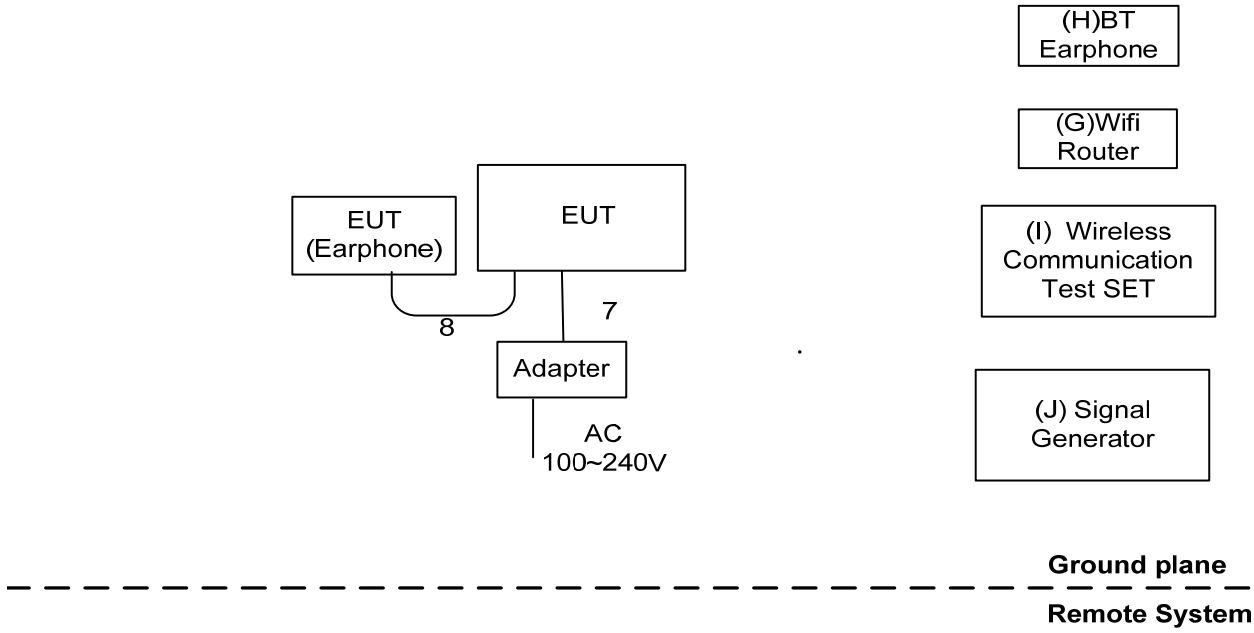
For Conducted/ Radiated Test	
Final Test Mode	Description
Mode 1	Adapter+Earphone+Playing+idle+WiFi+GPS
Mode 2	Adapter + Earphone +Camera on+BT+idle
Mode 3	Adapter+ Traffic
Mode 4	Playing+idle+WiFi+GPS+Speaker
Mode 5	USB Copy(EUT with PC) +Earphone+idle

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Mode: USB Copy(EUT with PC) +Earphone+idle



Mode: Adapter+Earphone+Playing+idle+WiFi+GPS /
Adapter + Earphone +Camera on+BT+idle / Adapter+ Traffic (All with Adapter)



3.4DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
A	USB keyboard	hp	SK-2885	DOC	N/A	
B	USB Mouse	hp	SM-2020	DOC	N/A	
C	Printer	SII	DPU-414	DOC	3018507 B	
D	Modem	ACEEX	DM-1414V	IFAXDM1414	0603002131	
E	PC	DELL	7010 MT	DOC	7LRQ2W1	
F	LCD monitor	Dell	E177FPc	DOC	CNOFJ179-64180-6 AG-1WNS	
G	Router	TP-LINK	TL-WR1041N	DOC	N/A	
H	BT Earphone	N/A	N/A	N/A	N/A	
I	Wireless Communication Test SET	Agilent	(8960 Series) E5515C	N/A	MY48364183	
J	SignalGenerator	Agilent	E4438C	N/A	MY49071316	

Item	Shielded Type	Ferrite Core	Length	Note
1	YES	NO	1.8m	USB Cable
2	YES	NO	1.8m	Parallel Cable
3	YES	NO	1.8m	RS232 Cable
4	YES	NO	1.8m	USB Cable
5	NO	NO	1.8m	AC Cable
6	YES	YES	1.8m	D-SUB Cable
7	YES	NO	1 m	USB Cable
8	NO	NO	1.1m	Audio Cable

Note:

(1) For detachable type I/O cable should be specified the length in m in『Length』column.

4.EMC EMISSION TEST

4.1CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCYRANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value – Limit Value

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

4.1.2 TESTPROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

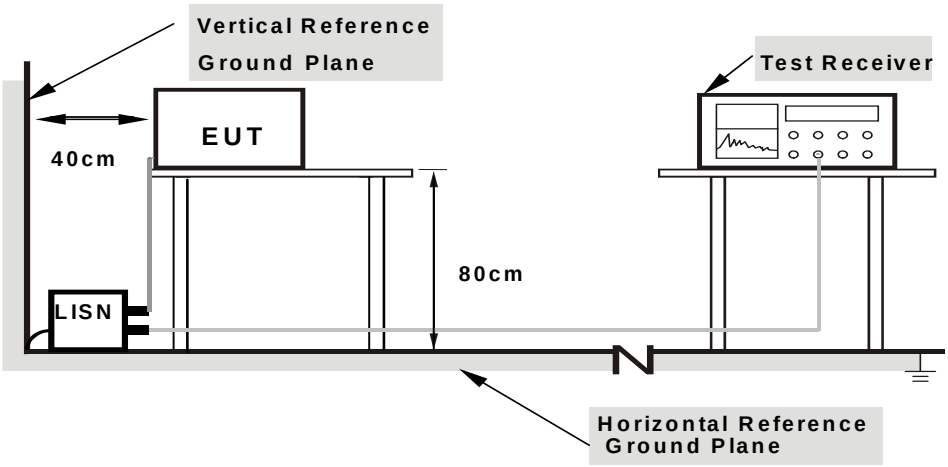
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3DEVIATIONFROMTESTSTANDARD

No deviation

4.1.4 TESTSETUP



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

4.1.5 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

4.1.6 TEST RESULTS

Please refer to the Attachment A.
Temperature: 25°C Relative Humidity: 51%

Remark

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
(2) Measuring frequency range from 150KHz to 30MHz.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A (at 10m)		Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	90	39	100	40
88 - 216	150	43.5	150	43.5
216 - 960	210	46.4	200	46
Above 960	300	49.5	500	54

CISPR 22 or CAN/CSA-CISPR 22-10:

Frequency (MHz)	Class A (at 10m)	Class B (at 10m)
	dBuV/m	dBuV/m
30 - 230	40	30
230 - 1000	47	37

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A				Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:

(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B: 2014

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).

(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

4.2.2 TEST PROCEDURE

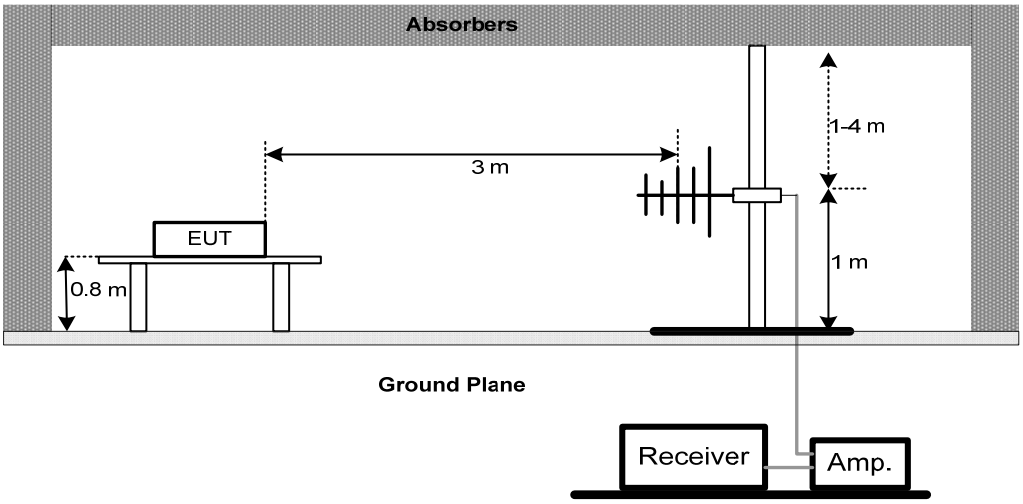
a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3DEVIATIONFROMTESTSTANDARD

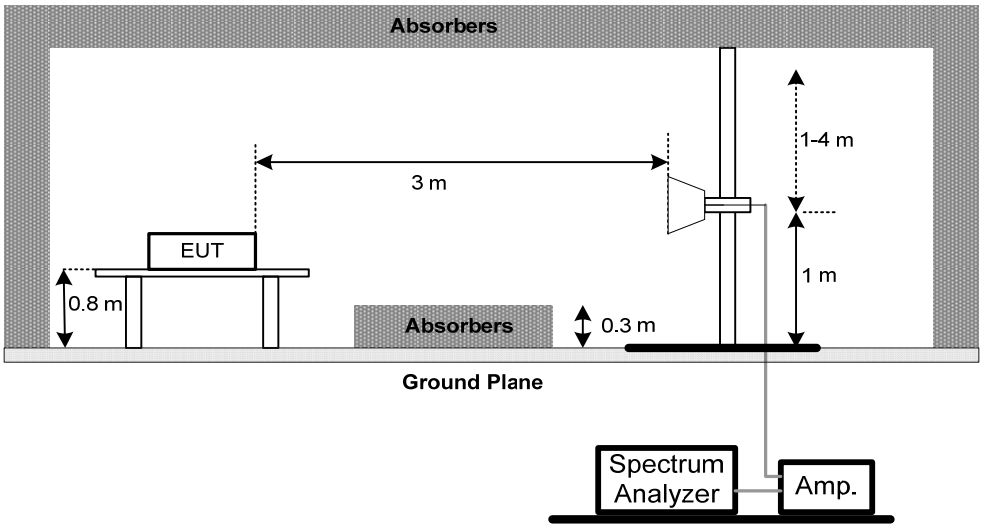
No deviation

4.2.4 TESTSETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



4.2.5EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.5** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 TEST RESULTS(30 TO 1000 MHZ)

Please refer to the Attachment B.
Temperature: 21°C Relative Humidity: 52%

Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Modewith Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.
(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.
(3) Measuring frequency range from 30MHz to 1000MHz.
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

4.2.7 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Attachment C
Temperature: 21°C Relative Humidity: 52%

Remark：

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform.
(2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
(3) 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.
(4) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

5. MEASUREMENT INSTRUMENTS LIST

Conducted Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	V-LISN	Schwarzbeck	NSLK 8127	8127-685	Jun. 02, 2015
3	Test Cable	TIMES	CFD300-NL	C02	Jun. 15, 2015
4	EMI Test Receiver	Agilent	N9038A	MY51210215	Feb. 23, 2016
5	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Radiated Emission					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9168	9168-352	Jun. 17, 2015
2	Pre-Amplifier	Anritsu	MH648A	M92649	Jun. 17, 2015
3	Microflex Cable	Harbour industries	27478LL142	1M	May. 12, 2015
4	Test Cable	TIMES	LMR-400	12M	May. 13, 2015
5	Test Cable	TIMES	LMR-400	3M	May. 13, 2015
6	EMI Test Receiver	Agilent	N9038A	MY51210215	Feb. 23, 2016
7	Horn Antenna (1G)	Schwarzbeck	BBHA 9120 D	9120D-325	Jun. 14, 2015
8	Pre_Amplifier	Agilent	8449B	3008A01714	Apr. 15, 2015
9	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	1M	May. 12, 2015
10	Microflex Cable	EMC	S104-SMA	8M	May. 14, 2015
11	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	3M	May. 12, 2015
12	EMI Test Receiver	Agilent	N9038A	MY51210215	Feb. 23, 2016
13	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

6.EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos

Below 1G

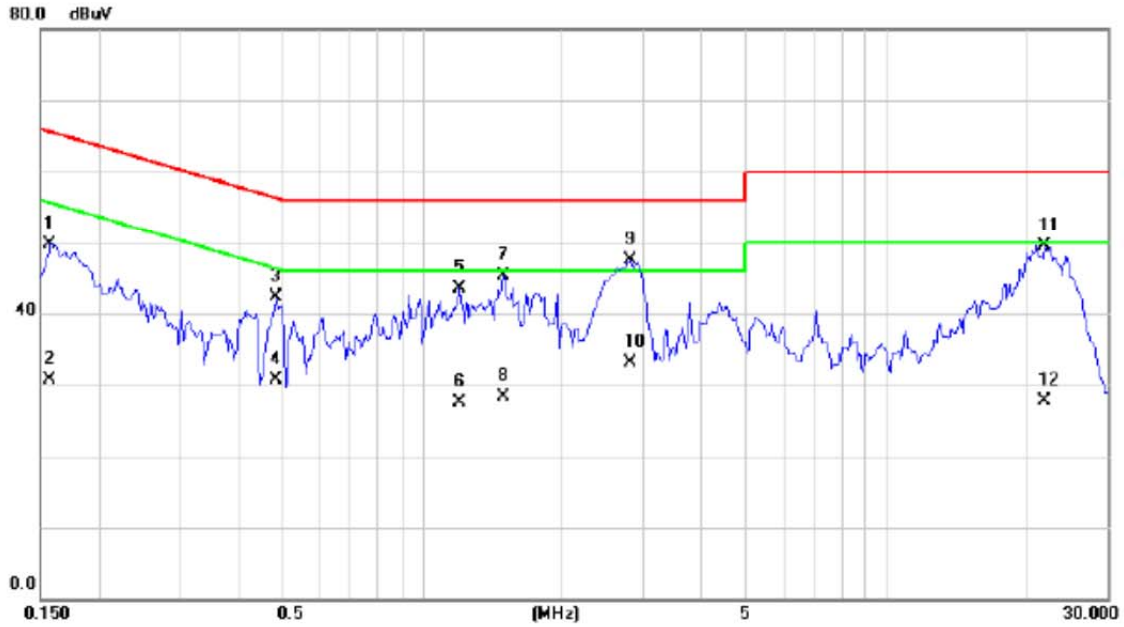
Radiated Measurement Photos

Above 1G

ATTACHMENT A - CONDUCTED EMISSION

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD ; Earphone:GOERTEK INC

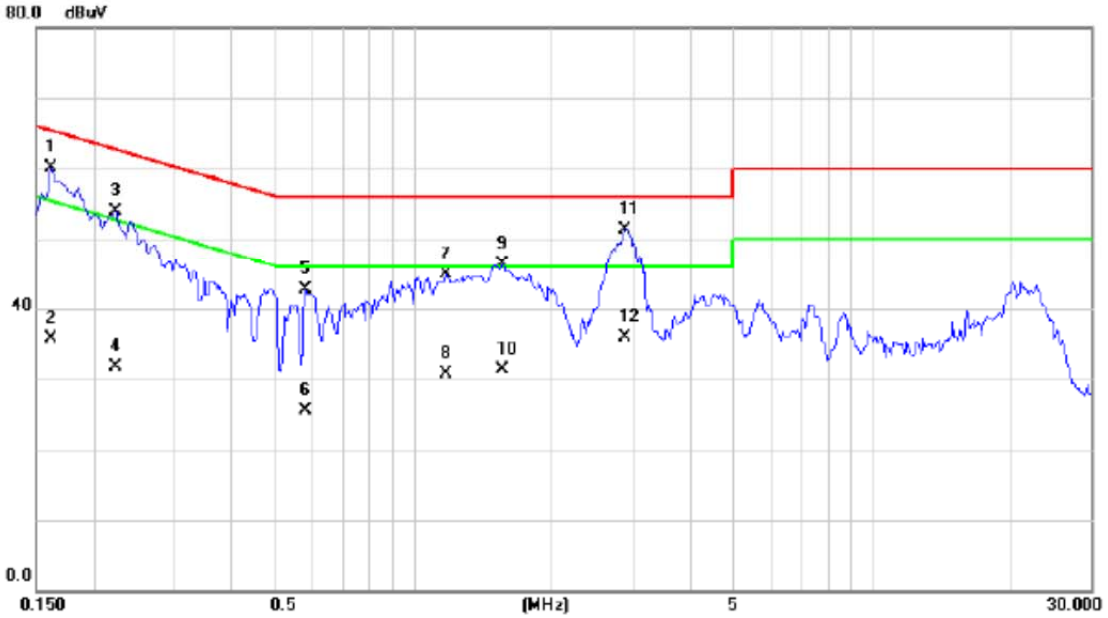
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1578	40.28	9.48	49.76	65.58	-15.82	QP	
2		0.1578	21.30	9.48	30.78	55.58	-24.80	AVG	
3		0.4820	32.75	9.63	42.38	56.30	-13.92	QP	
4		0.4820	21.00	9.63	30.63	46.30	-15.67	AVG	
5		1.2008	33.81	9.63	43.44	56.00	-12.56	QP	
6		1.2008	17.90	9.63	27.53	46.00	-18.47	AVG	
7		1.5016	35.78	9.62	45.40	56.00	-10.60	QP	
8		1.5016	18.60	9.62	28.22	46.00	-17.78	AVG	
9	*	2.8062	37.79	9.62	47.41	56.00	-8.59	QP	
10		2.8062	23.40	9.62	33.02	46.00	-12.98	AVG	
11		21.9414	39.48	10.07	49.55	60.00	-10.45	QP	
12		21.9414	17.70	10.07	27.77	50.00	-22.23	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD ; Earphone:GOERTEK INC

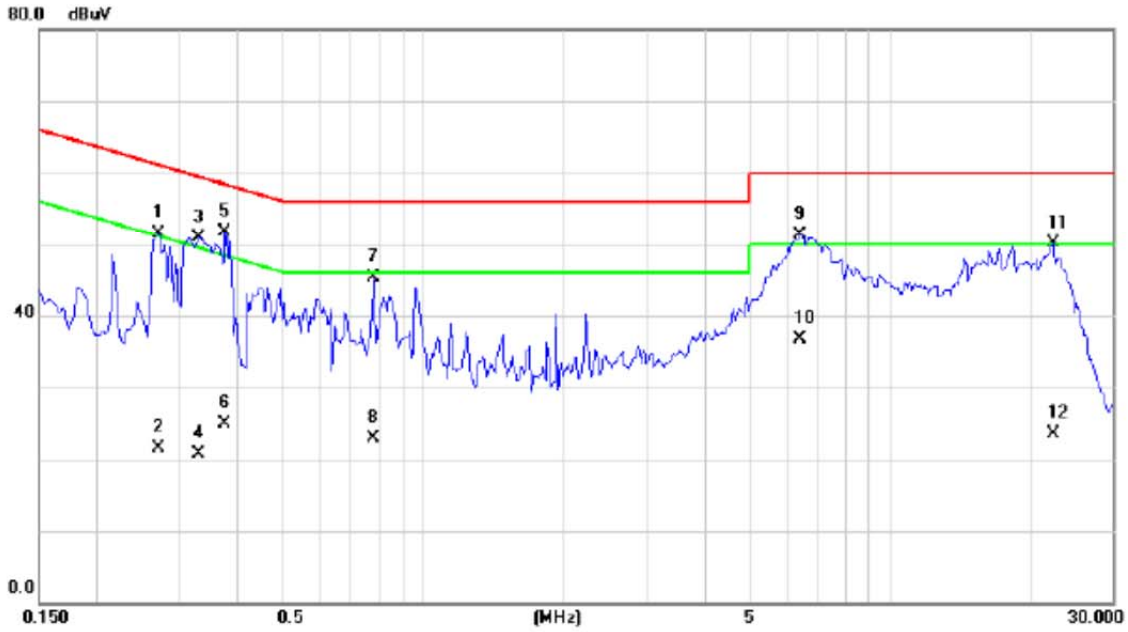
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	50.47	9.59	60.06	65.38	-5.32	QP	
2		0.1617	26.10	9.59	35.69	55.38	-19.69	AVG	
3		0.2242	44.33	9.57	53.90	62.66	-8.76	QP	
4		0.2242	22.10	9.57	31.67	52.66	-20.99	AVG	
5		0.5797	33.08	9.58	42.66	56.00	-13.34	QP	
6		0.5797	15.90	9.58	25.48	46.00	-20.52	AVG	
7		1.1773	35.29	9.61	44.90	56.00	-11.10	QP	
8		1.1773	21.10	9.61	30.71	46.00	-15.29	AVG	
9		1.5680	36.76	9.62	46.38	56.00	-9.62	QP	
10		1.5680	21.70	9.62	31.32	46.00	-14.68	AVG	
11	*	2.8883	41.71	9.64	51.35	56.00	-4.65	QP	
12		2.8883	26.20	9.64	35.84	46.00	-10.16	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter + Earphone +Camera on+BT+idle
Note:	Adapter: HK; Earphone:United Elecronics Co.Ltd Jiangxi

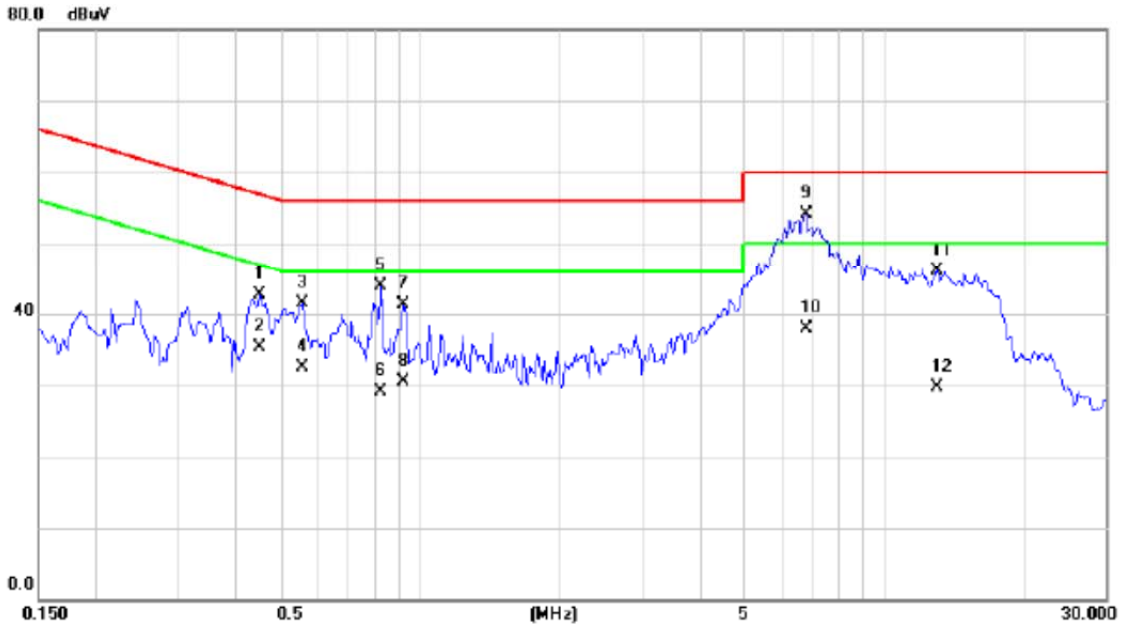
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2711	41.94	9.53	51.47	61.08	-9.61	QP	
2		0.2711	11.90	9.53	21.43	51.08	-29.65	AVG	
3		0.3297	41.35	9.56	50.91	59.46	-8.55	QP	
4		0.3297	11.20	9.56	20.76	49.46	-28.70	AVG	
5	*	0.3766	42.21	9.59	51.80	58.35	-6.55	QP	
6		0.3766	15.40	9.59	24.99	48.35	-23.36	AVG	
7		0.7828	35.66	9.57	45.23	56.00	-10.77	QP	
8		0.7828	13.40	9.57	22.97	46.00	-23.03	AVG	
9		6.4220	41.54	9.73	51.27	60.00	-8.73	QP	
10		6.4220	26.90	9.73	36.63	50.00	-13.37	AVG	
11		22.3438	40.02	10.07	50.09	60.00	-9.91	QP	
12		22.3438	13.50	10.07	23.57	50.00	-26.43	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter + Earphone +Camera on+BT+idle
Note:	Adapter: HK; Earphone:United Elecronics Co.Ltd Jiangxi

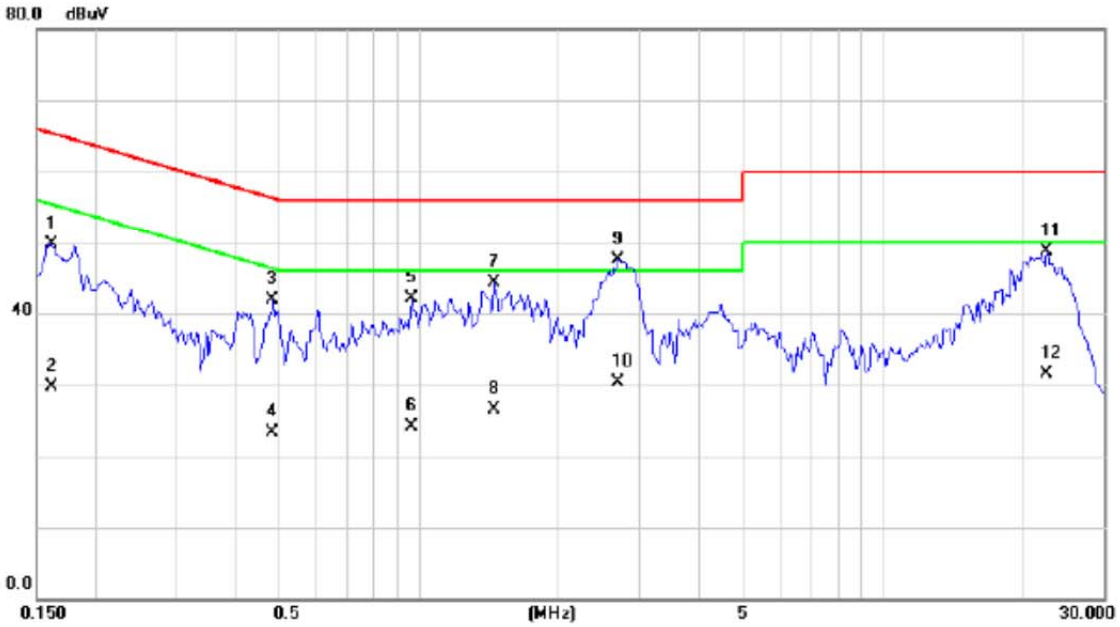
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4508	33.12	9.58	42.70	56.86	-14.16	QP	
2		0.4508	25.70	9.58	35.28	46.86	-11.58	AVG	
3		0.5563	31.88	9.58	41.46	56.00	-14.54	QP	
4		0.5563	22.90	9.58	32.48	46.00	-13.52	AVG	
5		0.8220	34.33	9.59	43.92	56.00	-12.08	QP	
6		0.8220	19.50	9.59	29.09	46.00	-16.91	AVG	
7		0.9195	31.61	9.60	41.21	56.00	-14.79	QP	
8		0.9195	20.90	9.60	30.50	46.00	-15.50	AVG	
9	*	6.7813	44.47	9.72	54.19	60.00	-5.81	QP	
10		6.7813	28.10	9.72	37.82	50.00	-12.18	AVG	
11		12.9961	36.26	9.88	46.14	60.00	-13.86	QP	
12		12.9961	19.80	9.88	29.68	50.00	-20.32	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+ Traffic
Note:	Adapter:BYD

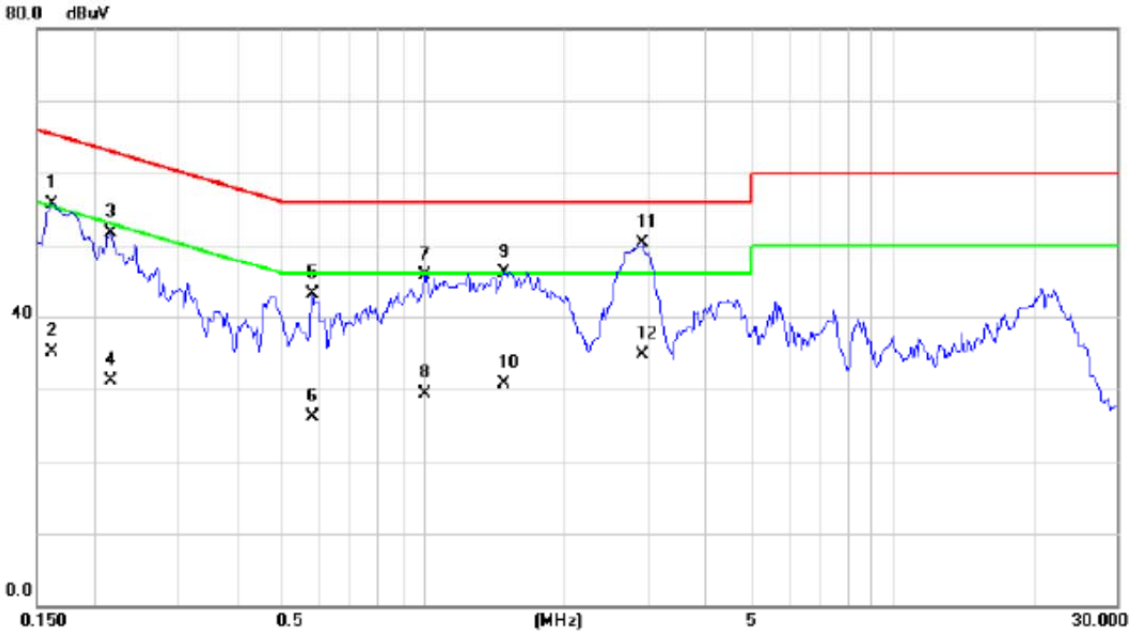
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	40.14	9.48	49.62	65.38	-15.76	QP	
2		0.1617	20.20	9.48	29.68	55.38	-25.70	AVG	
3		0.4860	32.33	9.63	41.96	56.24	-14.28	QP	
4		0.4860	13.60	9.63	23.23	46.24	-23.01	AVG	
5		0.9664	32.57	9.62	42.19	56.00	-13.81	QP	
6		0.9664	14.50	9.62	24.12	46.00	-21.88	AVG	
7		1.4508	34.60	9.61	44.21	56.00	-11.79	QP	
8		1.4508	16.80	9.61	26.41	46.00	-19.59	AVG	
9	*	2.6970	37.93	9.61	47.54	56.00	-8.46	QP	
10		2.6970	20.60	9.61	30.21	46.00	-15.79	AVG	
11		22.5391	38.69	10.09	48.78	60.00	-11.22	QP	
12		22.5391	21.50	10.09	31.59	50.00	-18.41	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+ Traffic
Note:	Adapter:BYD

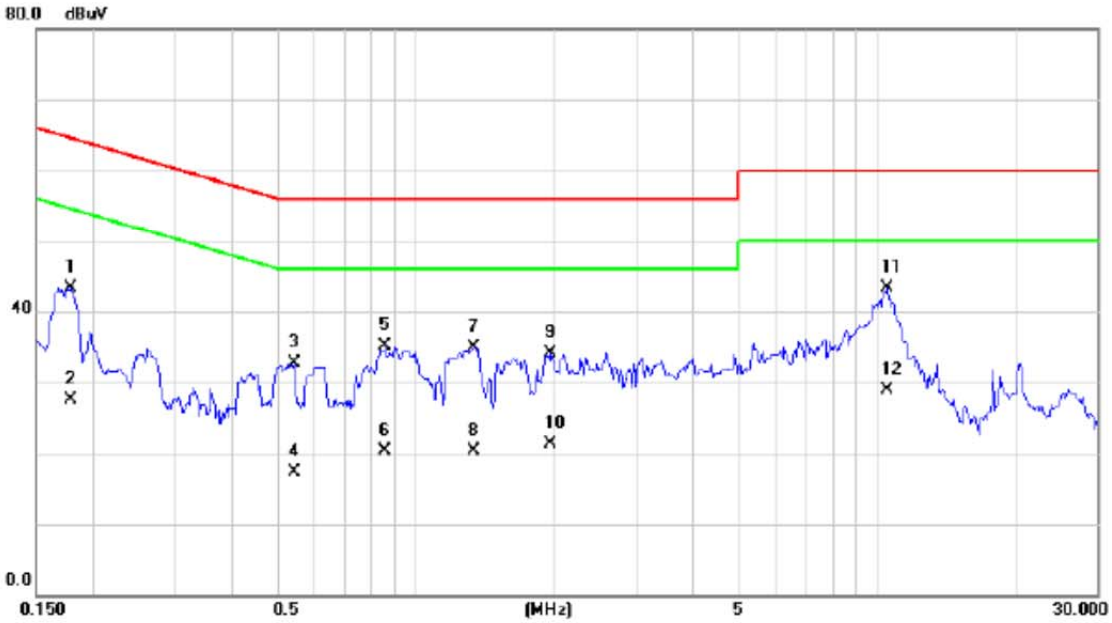
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	46.10	9.59	55.69	65.38	-9.69	QP	
2		0.1617	25.50	9.59	35.09	55.38	-20.29	AVG	
3		0.2164	42.05	9.57	51.62	62.96	-11.34	QP	
4		0.2164	21.60	9.57	31.17	52.96	-21.79	AVG	
5		0.5797	33.49	9.58	43.07	56.00	-12.93	QP	
6		0.5797	16.50	9.58	26.08	46.00	-19.92	AVG	
7		1.0094	36.18	9.60	45.78	56.00	-10.22	QP	
8		1.0094	19.80	9.60	29.40	46.00	-16.60	AVG	
9		1.4860	36.52	9.61	46.13	56.00	-9.87	QP	
10		1.4860	21.00	9.61	30.61	46.00	-15.39	AVG	
11	*	2.9312	40.69	9.65	50.34	56.00	-5.66	QP	
12		2.9312	25.00	9.65	34.65	46.00	-11.35	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC) +Earphone+idle
Note:	Earphone:United Elecronics Co.Ltd Jiangxi

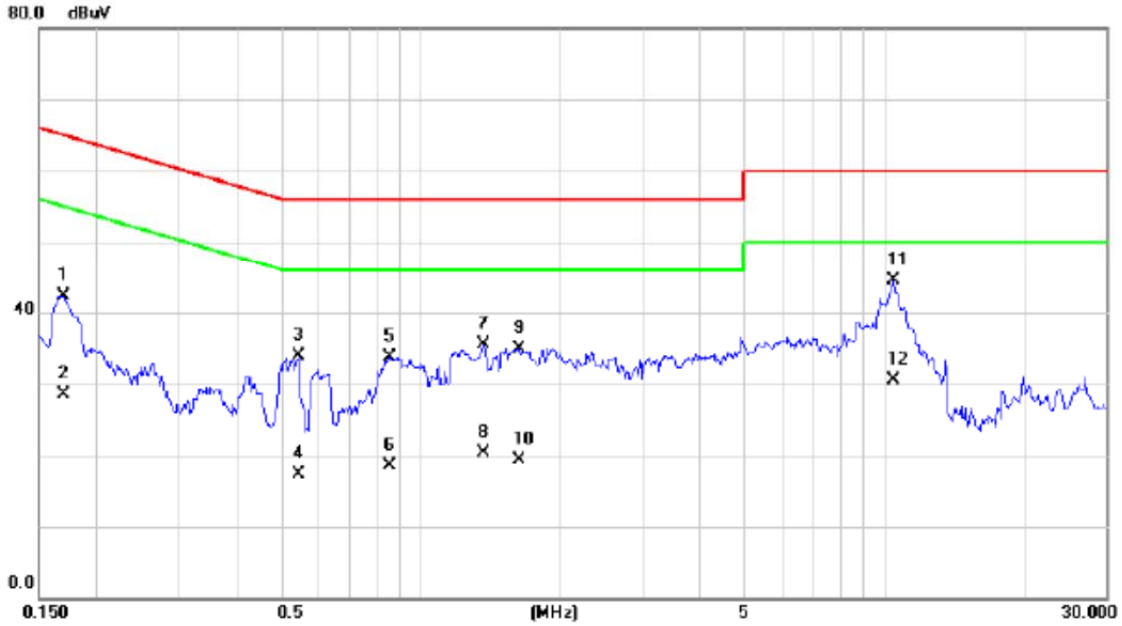
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1785	33.72	9.65	43.37	64.56	-21.19	QP	
2		0.1785	17.77	9.65	27.42	54.56	-27.14	AVG	
3		0.5433	22.69	9.92	32.61	56.00	-23.39	QP	
4		0.5433	7.38	9.92	17.30	46.00	-28.70	AVG	
5		0.8570	25.40	9.69	35.09	56.00	-20.91	QP	
6		0.8570	10.71	9.69	20.40	46.00	-25.60	AVG	
7		1.3306	25.17	9.73	34.90	56.00	-21.10	QP	
8		1.3306	10.57	9.73	20.30	46.00	-25.70	AVG	
9		1.9592	24.30	9.77	34.07	56.00	-21.93	QP	
10		1.9592	11.63	9.77	21.40	46.00	-24.60	AVG	
11	*	10.5080	33.31	10.08	43.39	60.00	-16.61	QP	
12		10.5080	18.82	10.08	28.90	50.00	-21.10	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC) +Earphone+idle
Note:	Earphone:United Elecronics Co.Ltd Jiangxi

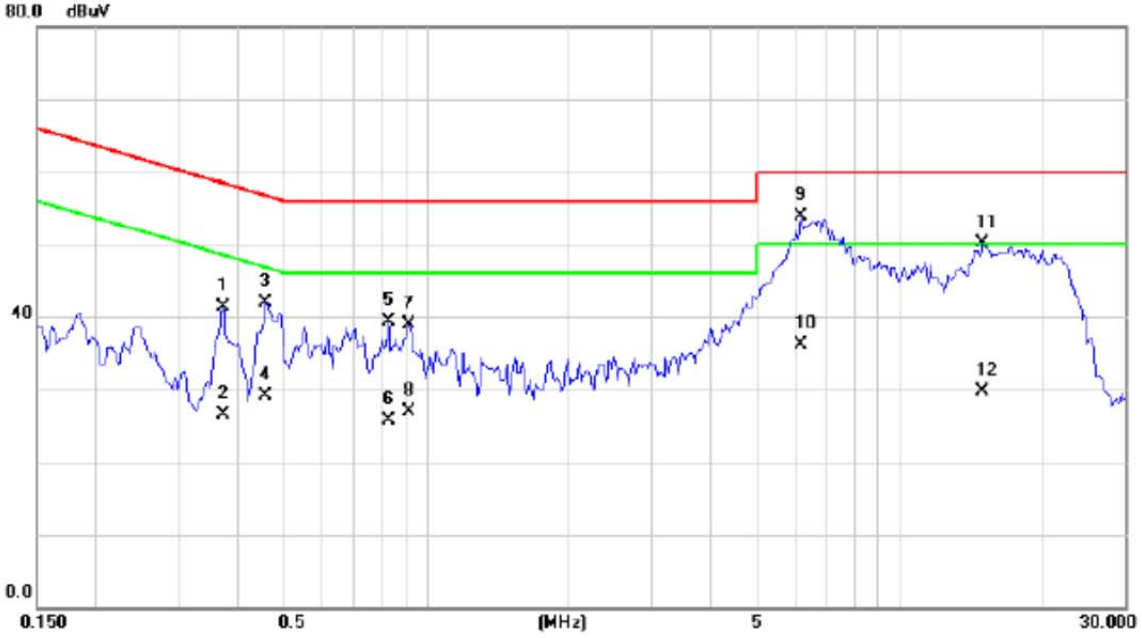
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1693	32.75	9.65	42.40	64.99	-22.59	QP	
2		0.1693	18.85	9.65	28.50	54.99	-26.49	AVG	
3		0.5433	23.94	9.92	33.86	56.00	-22.14	QP	
4		0.5433	7.38	9.92	17.30	46.00	-28.70	AVG	
5		0.8527	24.11	9.69	33.80	56.00	-22.20	QP	
6		0.8527	8.91	9.69	18.60	46.00	-27.40	AVG	
7		1.3665	25.87	9.73	35.60	56.00	-20.40	QP	
8		1.3665	10.57	9.73	20.30	46.00	-25.70	AVG	
9		1.6274	25.20	9.74	34.94	56.00	-21.06	QP	
10		1.6274	9.66	9.74	19.40	46.00	-26.60	AVG	
11	*	10.4524	34.43	10.08	44.51	60.00	-15.49	QP	
12		10.4524	20.42	10.08	30.50	50.00	-19.50	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter +Playing+idle+WiFi+GPS+Speaker
Note:	Adapter:HK

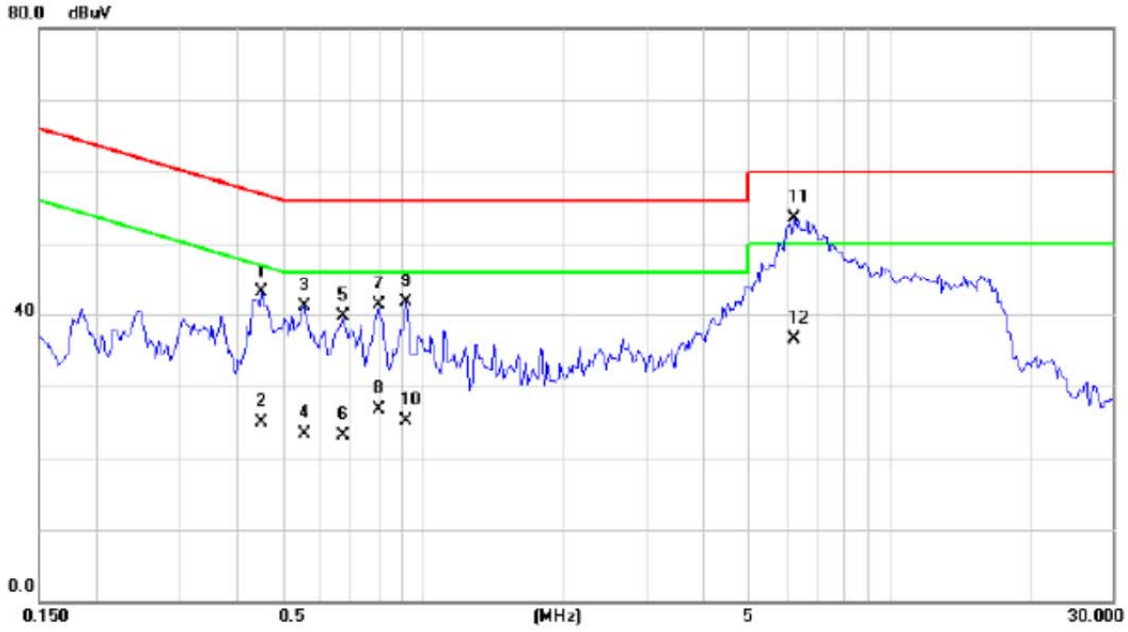
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3727	31.68	9.58	41.26	58.44	-17.18	QP	
2		0.3727	16.90	9.58	26.48	48.44	-21.96	AVG	
3		0.4586	32.30	9.62	41.92	56.72	-14.80	QP	
4		0.4586	19.50	9.62	29.12	46.72	-17.60	AVG	
5		0.8336	29.65	9.58	39.23	56.00	-16.77	QP	
6		0.8336	16.20	9.58	25.78	46.00	-20.22	AVG	
7		0.9195	29.36	9.61	38.97	56.00	-17.03	QP	
8		0.9195	17.30	9.61	26.91	46.00	-19.09	AVG	
9	*	6.1992	44.12	9.72	53.84	60.00	-6.16	QP	
10		6.1992	26.40	9.72	36.12	50.00	-13.88	AVG	
11		14.9922	40.14	9.88	50.02	60.00	-9.98	QP	
12		14.9922	19.80	9.88	29.68	50.00	-20.32	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter +Playing+idle+WiFi+GPS+Speaker
Note:	Adapter: HK

Neutral

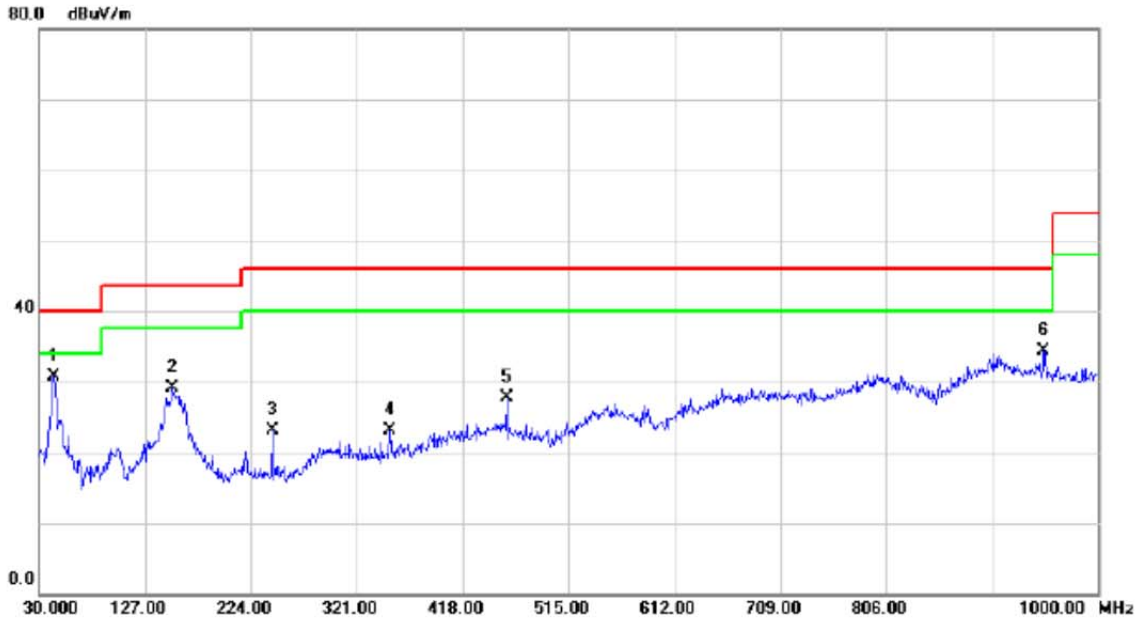


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4508	33.55	9.58	43.13	56.86	-13.73	QP	
2		0.4508	15.40	9.58	24.98	46.86	-21.88	AVG	
3		0.5563	31.56	9.58	41.14	56.00	-14.86	QP	
4		0.5563	13.70	9.58	23.28	46.00	-22.72	AVG	
5		0.6734	30.06	9.59	39.65	56.00	-16.35	QP	
6		0.6734	13.60	9.59	23.19	46.00	-22.81	AVG	
7		0.8023	31.62	9.59	41.21	56.00	-14.79	QP	
8		0.8023	17.20	9.59	26.79	46.00	-19.21	AVG	
9		0.9195	32.11	9.60	41.71	56.00	-14.29	QP	
10		0.9195	15.50	9.60	25.10	46.00	-20.90	AVG	
11	*	6.2422	43.78	9.71	53.49	60.00	-6.51	QP	
12		6.2422	26.70	9.71	36.41	50.00	-13.59	AVG	

ATTACHMENT B - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD; Earphone: GOERTEK INC; Deskop

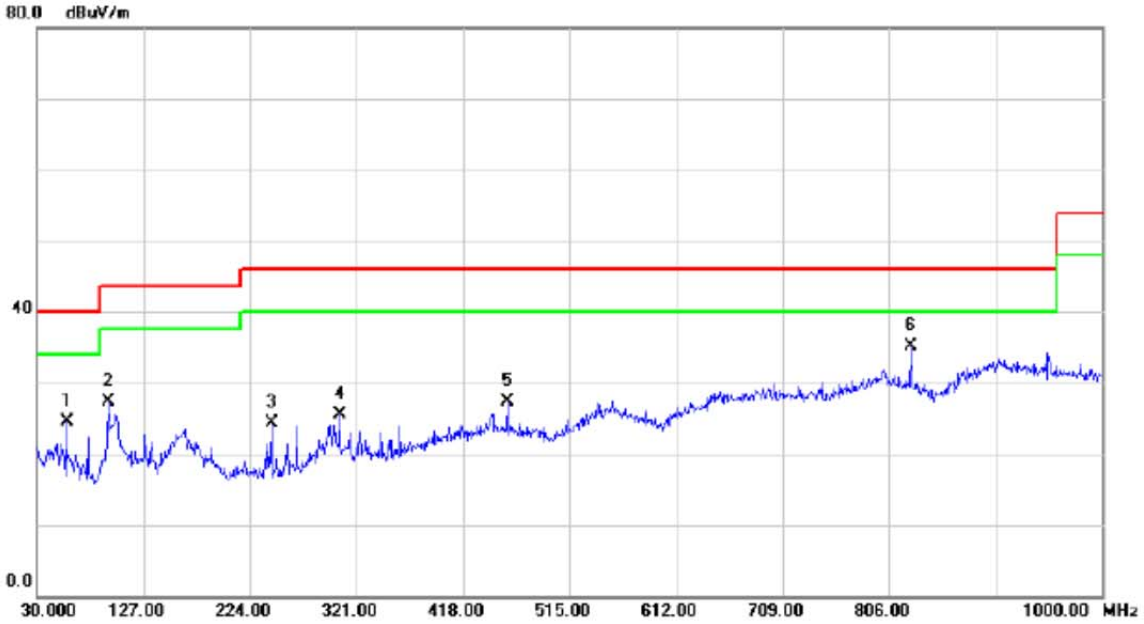
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	43.5800	44.45	-13.82	30.63	40.00	-9.37	QP	
2		152.2200	43.16	-14.03	29.13	43.50	-14.37	QP	
3		243.4000	38.33	-15.22	23.11	46.00	-22.89	QP	
4		351.0700	35.25	-12.24	23.01	46.00	-22.99	QP	
5		458.7400	37.38	-9.61	27.77	46.00	-18.23	QP	
6		950.5300	36.02	-1.75	34.27	46.00	-11.73	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD; Earphone: GOERTEK INC; Deskop

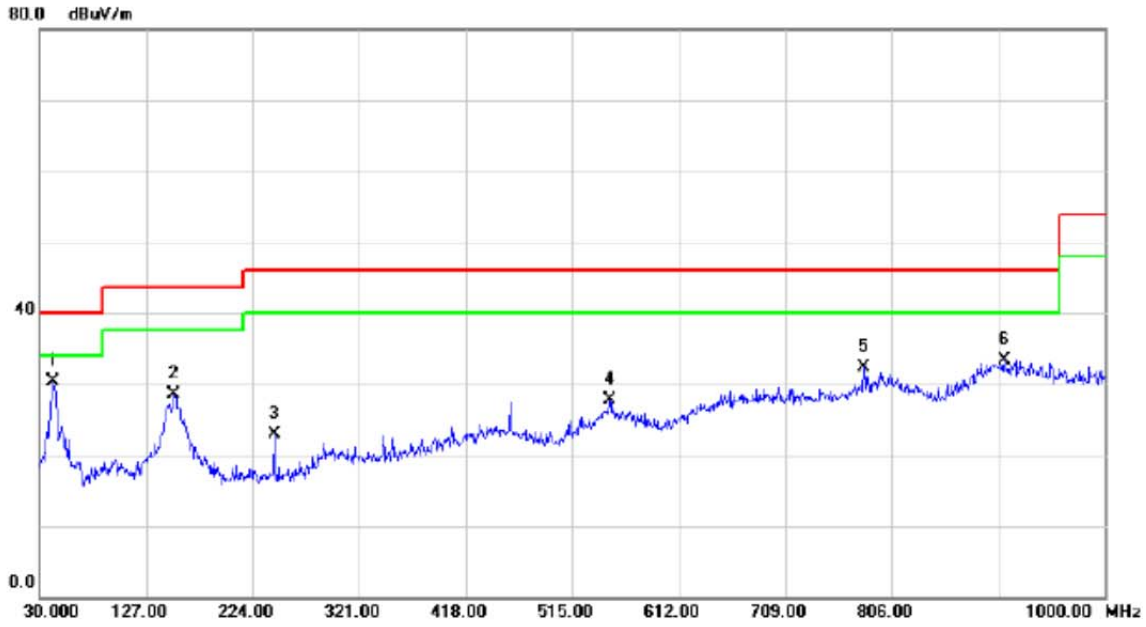
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		57.1600	38.93	-14.44	24.49	40.00	-15.51	QP	
2		94.9900	46.92	-19.58	27.34	43.50	-16.16	QP	
3		243.4000	39.55	-15.22	24.33	46.00	-21.67	QP	
4		305.4800	38.91	-13.34	25.57	46.00	-20.43	QP	
5		458.7400	36.92	-9.61	27.31	46.00	-18.69	QP	
6	*	826.3700	39.46	-4.27	35.19	46.00	-10.81	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD; Earphone: United Elecronics Co.Ltd Jiangxi; H

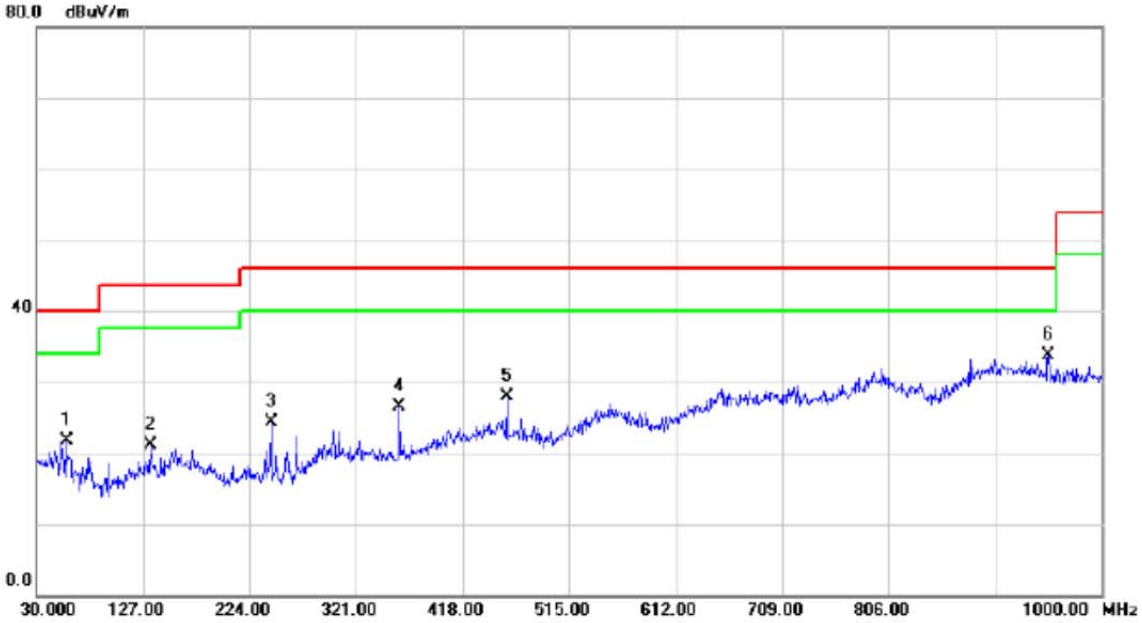
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	42.6100	44.18	-13.92	30.26	40.00	-9.74	QP	
2		152.2200	42.62	-14.03	28.59	43.50	-14.91	QP	
3		243.4000	38.12	-15.22	22.90	46.00	-23.10	QP	
4		548.9500	35.74	-8.01	27.73	46.00	-18.27	QP	
5		780.7800	37.09	-4.84	32.25	46.00	-13.75	QP	
6		908.8200	35.91	-2.65	33.26	46.00	-12.74	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:BYD; Earphone: United Elecronics Co.Ltd Jiangxi; H

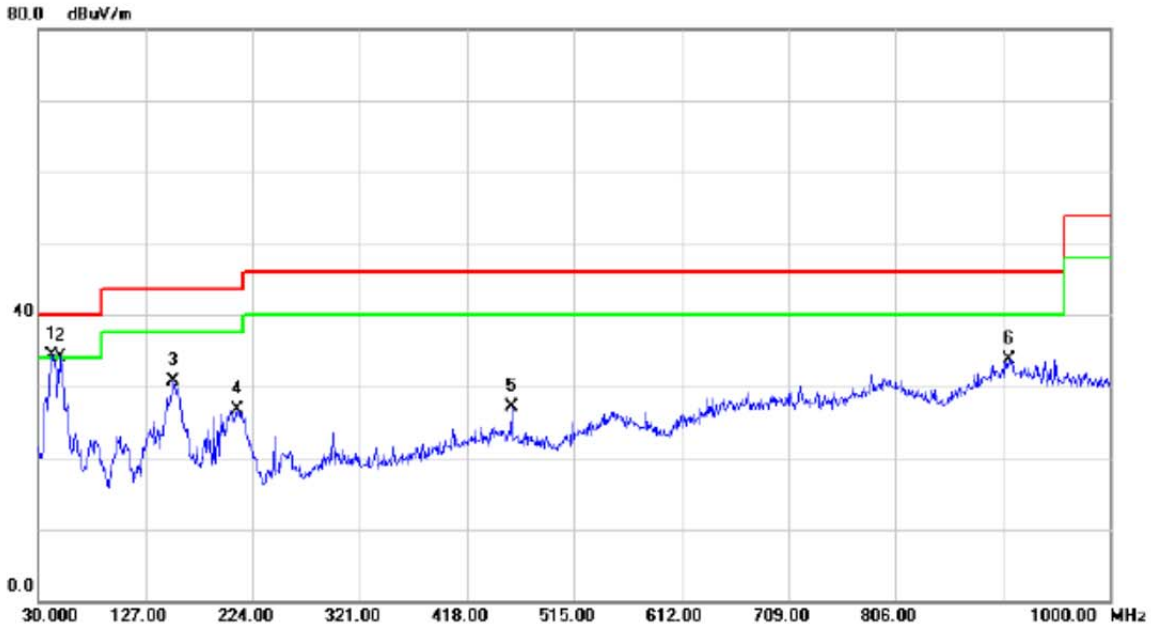
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		57.1600	36.11	-14.44	21.67	40.00	-18.33	QP	
2		133.7900	36.05	-14.97	21.08	43.50	-22.42	QP	
3		243.4000	39.49	-15.22	24.27	46.00	-21.73	QP	
4		360.7700	38.53	-12.06	26.47	46.00	-19.53	QP	
5		458.7400	37.51	-9.61	27.90	46.00	-18.10	QP	
6	*	951.5000	35.40	-1.74	33.66	46.00	-12.34	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:HK; Earphone: United Elecronics Co.Ltd Jiangxi; V

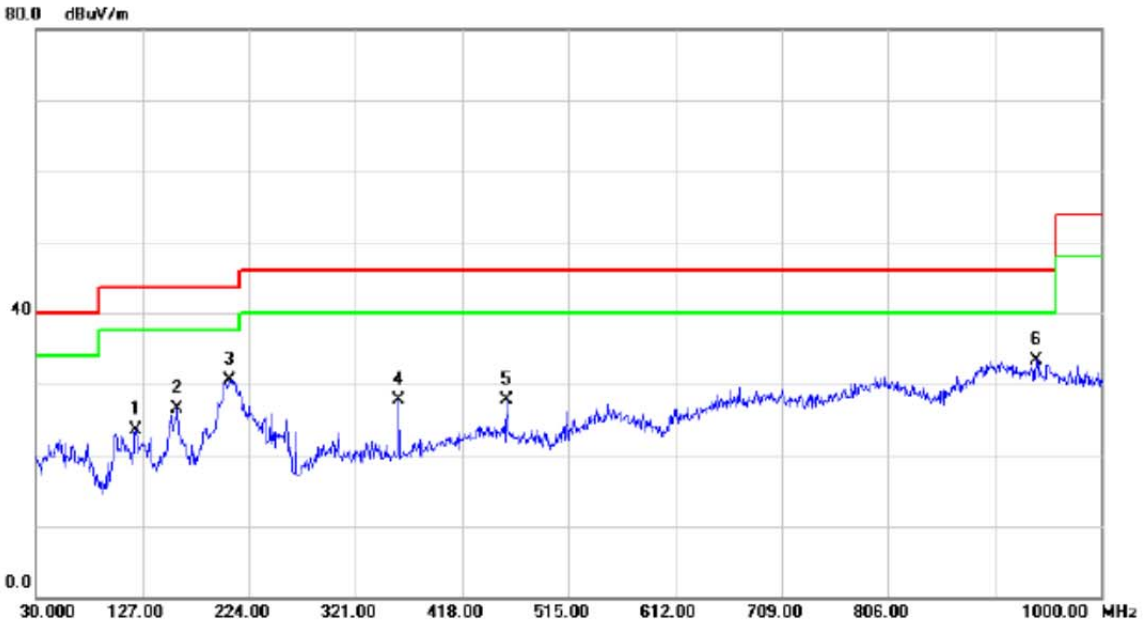
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	42.6100	48.20	-13.92	34.28	40.00	-5.72	QP	
2	!	50.3700	47.78	-13.73	34.05	40.00	-5.95	QP	
3		152.2200	44.76	-14.03	30.73	43.50	-12.77	QP	
4		210.4200	43.33	-16.56	26.77	43.50	-16.73	QP	
5		458.7400	36.64	-9.61	27.03	46.00	-18.97	QP	
6		908.8200	36.33	-2.65	33.68	46.00	-12.32	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Playing+idle+WiFi+GPS
Note:	Adapter:HK; Earphone: United Elecronics Co.Ltd Jiangxi; V

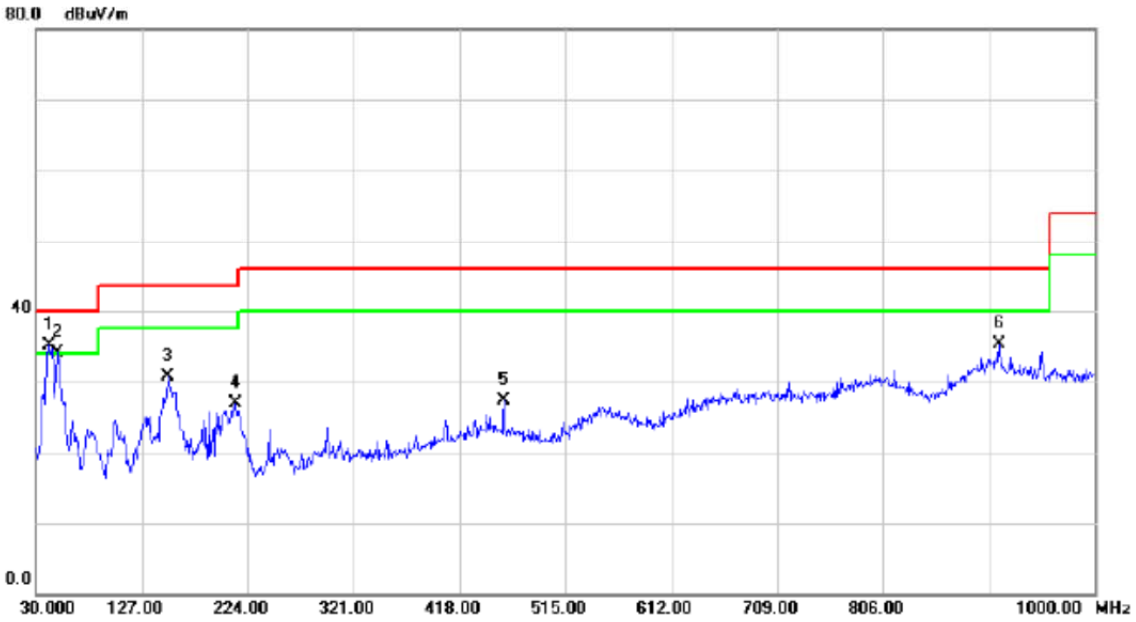
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		121.1800	39.70	-16.11	23.59	43.50	-19.91	QP	
2		159.0100	40.42	-13.93	26.49	43.50	-17.01	QP	
3		206.5400	47.16	-16.62	30.54	43.50	-12.96	QP	
4		360.7700	39.71	-12.06	27.65	46.00	-18.35	QP	
5		458.7400	37.29	-9.61	27.68	46.00	-18.32	QP	
6	*	940.8300	35.35	-1.95	33.40	46.00	-12.60	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter + Earphone +Camera on+BT+idle
Note:	Adapter:HK; Earphone: United Elecronics Co.Ltd Jiangxi; V

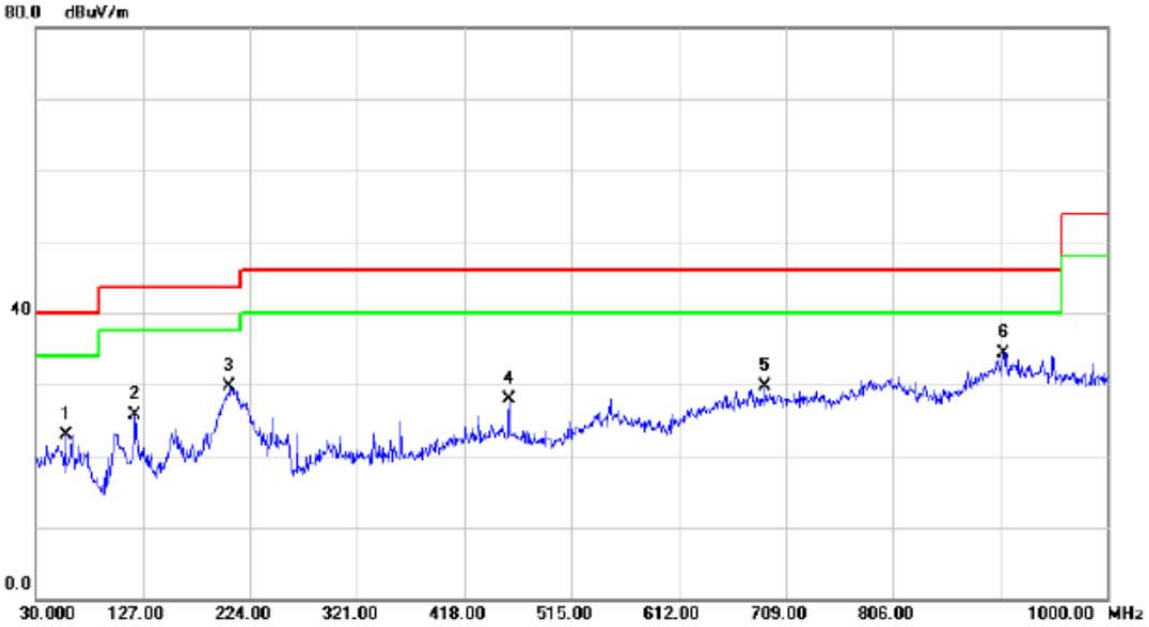
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	41.6400	49.23	-14.03	35.20	40.00	-4.80	QP	
2	!	50.3700	47.85	-13.73	34.12	40.00	-5.88	QP	
3		151.2500	44.70	-14.04	30.66	43.50	-12.84	QP	
4		212.3600	43.49	-16.56	26.93	43.50	-16.57	QP	
5		458.7400	36.98	-9.61	27.37	46.00	-18.63	QP	
6		912.7000	37.80	-2.56	35.24	46.00	-10.76	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter + Earphone +Camera on+BT+idle
Note:	Adapter:HK; Earphone: United Elecronics Co.Ltd Jiangxi; V

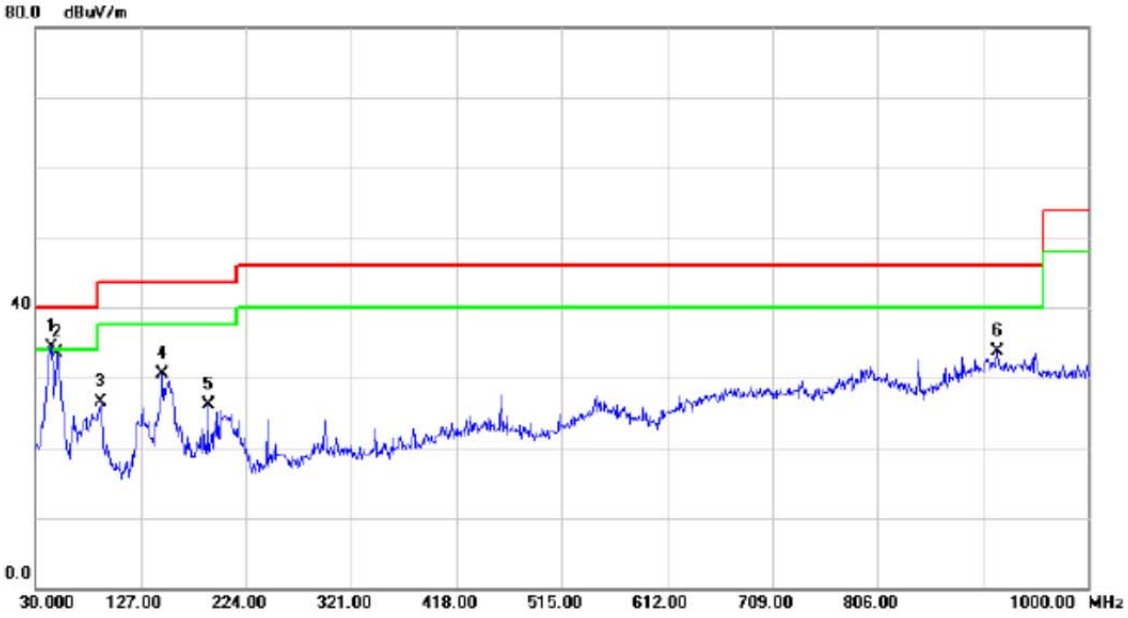
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		57.1600	37.35	-14.44	22.91	40.00	-17.09	QP	
2		120.2100	41.92	-16.20	25.72	43.50	-17.78	QP	
3		205.5700	46.43	-16.64	29.79	43.50	-13.71	QP	
4		458.7400	37.60	-9.61	27.99	46.00	-18.01	QP	
5		690.5700	35.31	-5.70	29.61	46.00	-16.39	QP	
6	*	905.9100	36.96	-2.70	34.26	46.00	-11.74	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Traffic
Note:	Adapter:HK; V

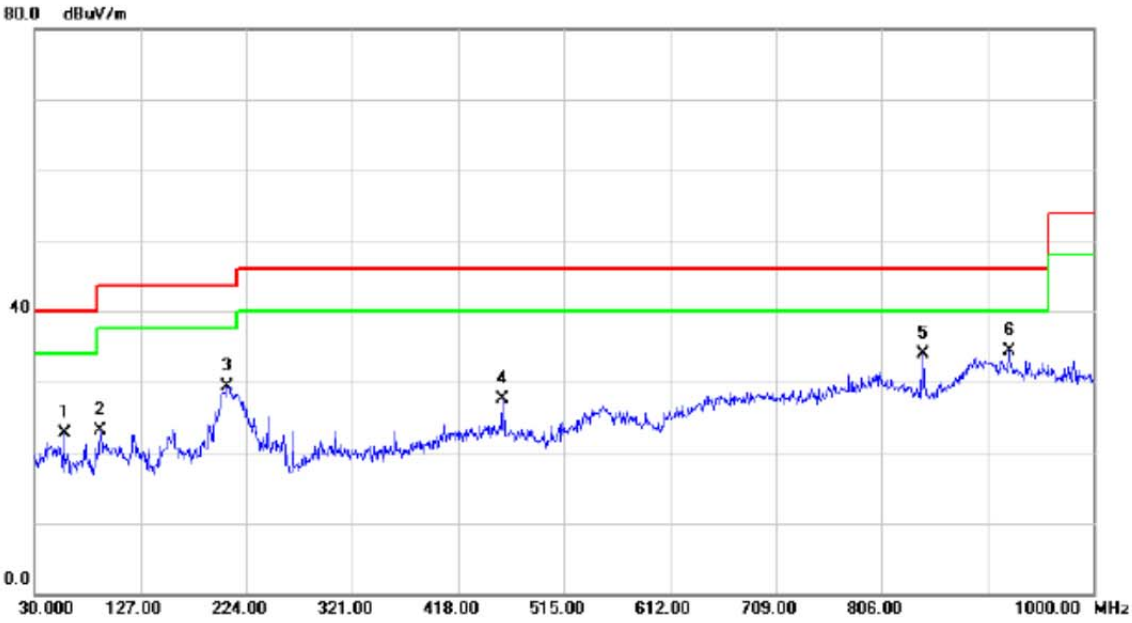
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	44.5500	48.01	-13.73	34.28	40.00	-5.72	QP	
2		50.3700	47.26	-13.73	33.53	40.00	-6.47	QP	
3		90.1400	46.83	-20.30	26.53	43.50	-16.97	QP	
4		147.3700	44.68	-14.15	30.53	43.50	-12.97	QP	
5		189.0800	42.58	-16.56	26.02	43.50	-17.48	QP	
6		916.5800	36.27	-2.48	33.79	46.00	-12.21	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Traffic
Note:	Adapter:HK; V

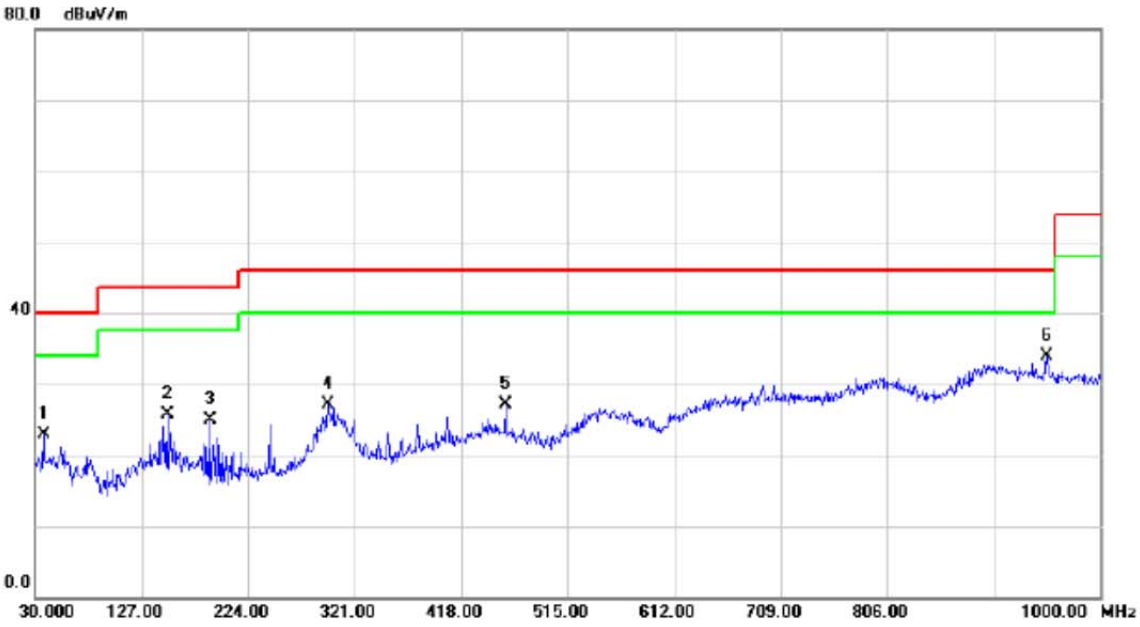
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		57.1600	37.19	-14.44	22.75	40.00	-17.25	QP	
2		90.1400	43.50	-20.30	23.20	43.50	-20.30	QP	
3		206.5400	46.01	-16.62	29.39	43.50	-14.11	QP	
4		458.7400	37.10	-9.61	27.49	46.00	-18.51	QP	
5		843.8300	37.94	-3.95	33.99	46.00	-12.01	QP	
6	*	922.4000	36.70	-2.35	34.35	46.00	-11.65	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Playing+idle+WiFi+GPS+Speaker
Note:	V

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		37.7600	37.58	-14.62	22.96	40.00	-17.04	QP	
2		150.2800	39.65	-14.04	25.61	43.50	-17.89	QP	
3		189.0800	41.40	-16.56	24.84	43.50	-18.66	QP	
4		296.7500	40.62	-13.57	27.05	46.00	-18.95	QP	
5		458.7400	36.73	-9.61	27.12	46.00	-18.88	QP	
6	*	951.5000	35.59	-1.74	33.85	46.00	-12.15	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	Playing+idle+WiFi+GPS+Speaker
Note:	V

Horizontal

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		57.1600	36.98	-14.44	22.54	40.00	-17.46	QP	
2		127.9700	36.14	-15.48	20.66	43.50	-22.84	QP	
3		237.5800	45.31	-15.40	29.91	46.00	-16.09	QP	
4	*	299.6600	51.11	-13.50	37.61	46.00	-8.39	QP	
5		458.7400	36.39	-9.61	26.78	46.00	-19.22	QP	
6		950.5300	35.60	-1.75	33.85	46.00	-12.15	QP	