FCC Test Report
FCC ID: QISSCL-L02

Project No.	:	1507C083
Equipment	:	Smart Phone
Model Name	:	HUAWEI SCL-L02, SCL-L02
Applicant	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China

Date of Receipt	:	Jul. 07, 2015
Date of Test	:	Jul. 07, 2015 ~ Jul. 22, 2015
Issued Date	:	Jul. 23, 2015
Tested by	:	BTL Inc.

Testing Engineer : _____
(Bill Zhang)

Technical Manager : _____
(James Chiu)

Authorized Signatory : _____
(Steven Lu)

BTL INC.

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Testing Laboratory 2640

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.**

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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.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1507C083	Original Issue.	Jul. 23, 2015

1. CERTIFICATION

Equipment	:	Smart Phone
Brand Name	:	HUAWEI
Model Name	:	HUAWEI SCL-L02, SCL-L02
Applicant		Huawei Technologies Co., Ltd.
Manufacturer	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China
Factory	:	Huawei Technologies Co., Ltd.
Address	:	Administration Building, Huawei Base, Bantian, Longgang District ,Shenzhen 518129, P.R.China
Date of Test	:	Jul. 07, 2015 ~ Jul. 22, 2015
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part 15, Subpart B: 2014 ANSI C63.4-2014

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-1-1507C083) 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 ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	**NOTE (2)**

NOTE:

(1) ” N/A” denotes test is not applicable to this device.

(2) If the EUT’s max operating frequency does not exceed 108 MHz, the test will not be performed. The EUT’s maximum operating frequency is 4GHz

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

The reported uncertainty of measurement **y** ± **U**, where expanded 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
DG-C02	CISPR	150 KHz ~ 30MHz	3.40	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)	Note
DG-CB08 (10m)	CISPR	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.78	
		200MHz ~ 1,000MHz	V	4.10	
		200MHz ~ 1,000MHz	H	4.06	

Test Site	Method	Measurement Frequency Range	U, (dB)	Note
DG-CB08 (3m)	CISPR	1~6 GHz	4.64	
		6~18 GHz	4.74	

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Smart Phone
Brand Name	HUAWEI
Model Name	HUAWEI SCL-L02, SCL-L02
Model Difference	Only differ in model name.
Power Source	#1 DC Voltage supplied from AC/DC adapter. Manufacturer/Model: (BYD/HK)/HW-050100U2W #2 Supplied from battery. Brand/Model: HUAWEI/HB4342A1RBC
Power Rating	#1 I/P:100-240V~50/60Hz 0.2A O/P:5.0V/1.0A #2 DC 3.8V 2200mAh(8.36Wh)

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2.

Item	Mfr/Brand	Model.
USB Cable	Unirise Communication Technology Co., Ltd.	LSA00570
	Connrex（Shen Zhen）Industrial, Ltd.	2450989
	Chang Shu Honglin Technology Co.,Ltd.	130-25076
	Shen Zhen Pang Ngai Industral Co.,Ltd.	H09-000369
Earphone	GoerTek Inc	HA1-3/HG04A
	BOLUO COUNTY QUANCHENG ELECTRONIC CO., LTD.	1293#+3283# 3.5MM-150
	Jiangxi Lianchuang Hongsheng Electronic Co., LTD.	MEMD1532B528 000
	MERRY ELECTRONICS CO., LTD	EMC323-011-01
Adapter	HK	HW-050100U2W
	BYD	HW-050100U2W
Battery	Sunwoda Electronic Co., LTD	HB4342A1RBC
	SCUD (FUJIAN) Electronics Co., Ltd	

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.

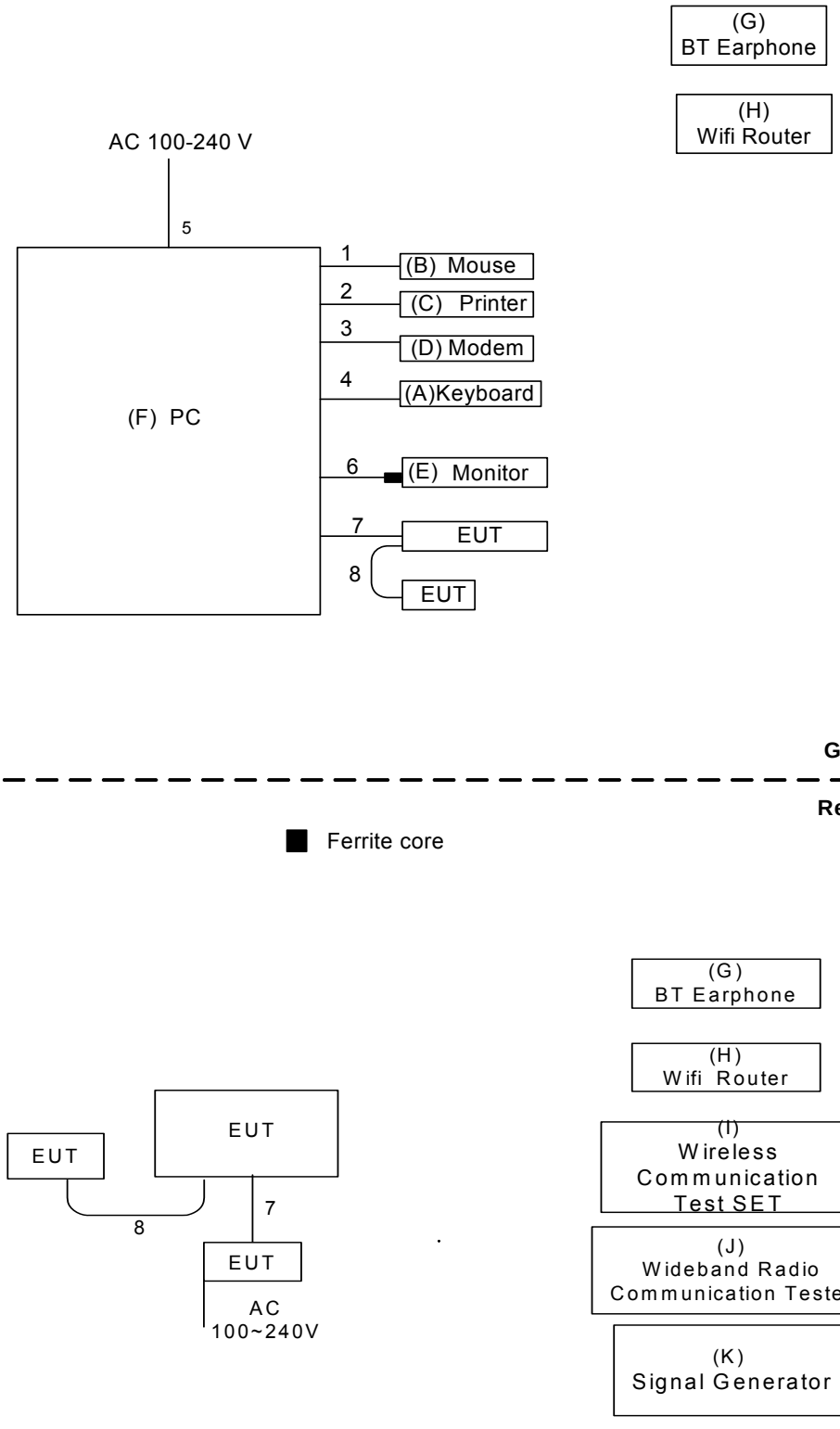
Pretest Mode	Description
Mode 1	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Mode 2	USB Copy(EUT with PC)
Mode 3	LTE+Earphone
Mode 4	USB Copy(EUT with PC)+Earphone

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

For Conducted Test	
Final Test Mode	Description
Mode 1	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Mode 2	USB Copy(EUT with PC)

For Radiated Test	
Final Test Mode	Description
Mode 1	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Mode 2	USB Copy(EUT with PC)
Mode 3	LTE+Earphone
Mode 4	USB Copy(EUT with PC)+Earphone

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.4 DESCRIPTION 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	LCD monitor	Dell	E177FPc	DOC	CNOFJ179-64180-6AG-1WNS	
F	PC	Dell 745	DCSM	DOC	G7K832X	
G	BT Earphone	N/A	N/A	N/A	N/A	
H	Router	TP-LINK	TL-WR1041N	DOC	N/A	
I	Wireless Communication Test SET	Agilent	(8960 Series) E5515C	N/A	MY48364183	
J	Wideband Radio Communication Tester	RS	CMW500	N/A	122125	
K	Signal Generator	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 power Cable
6	YES	YES	1.8m	D-SUB Cable
7	YES	NO	1.0m	USB Cable
8	NO	NO	1.3m	Audio Cable

Note:

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

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 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

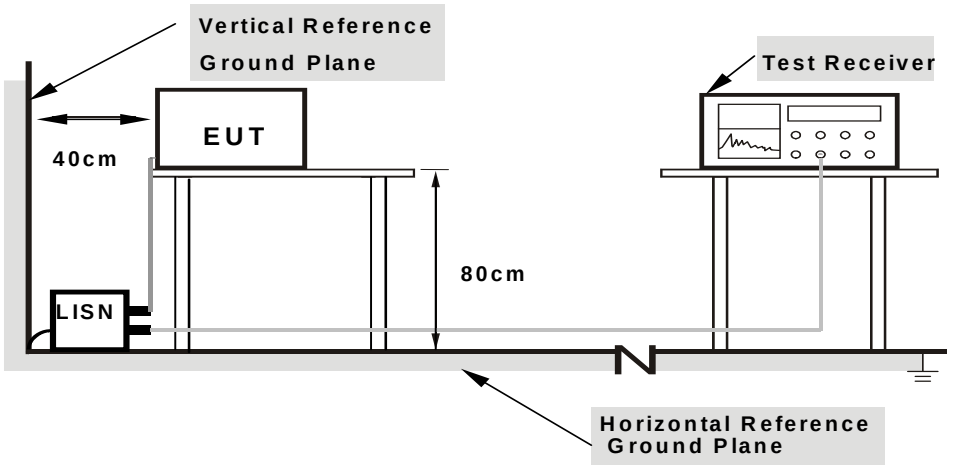
4.1.2 TEST PROCEDURE

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 equipments 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 - Block Diagram of system tested (please refer to 3.3).

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



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: 55%

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

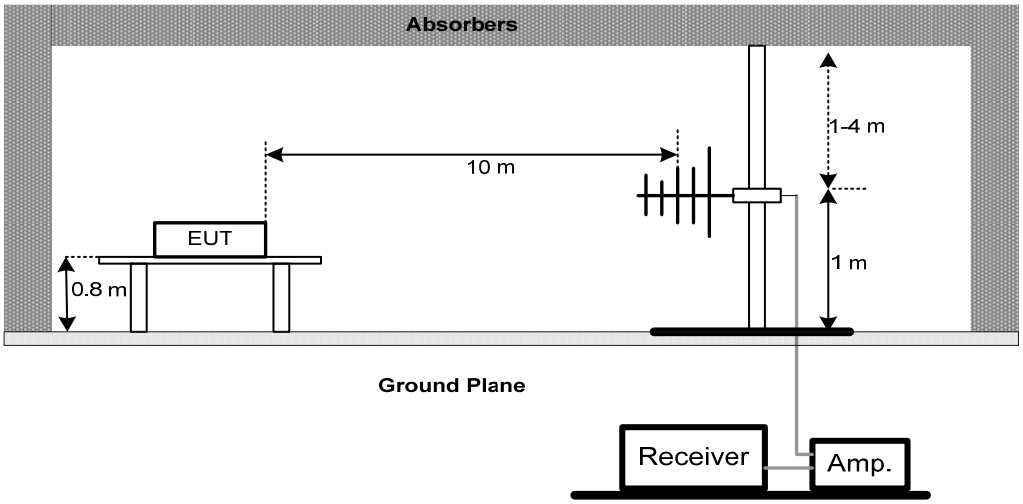
a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 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. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting conducted emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak value. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, no additional AVG Mode measurement performed.
h. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.3 DEVIATION FROM TEST STANDARD

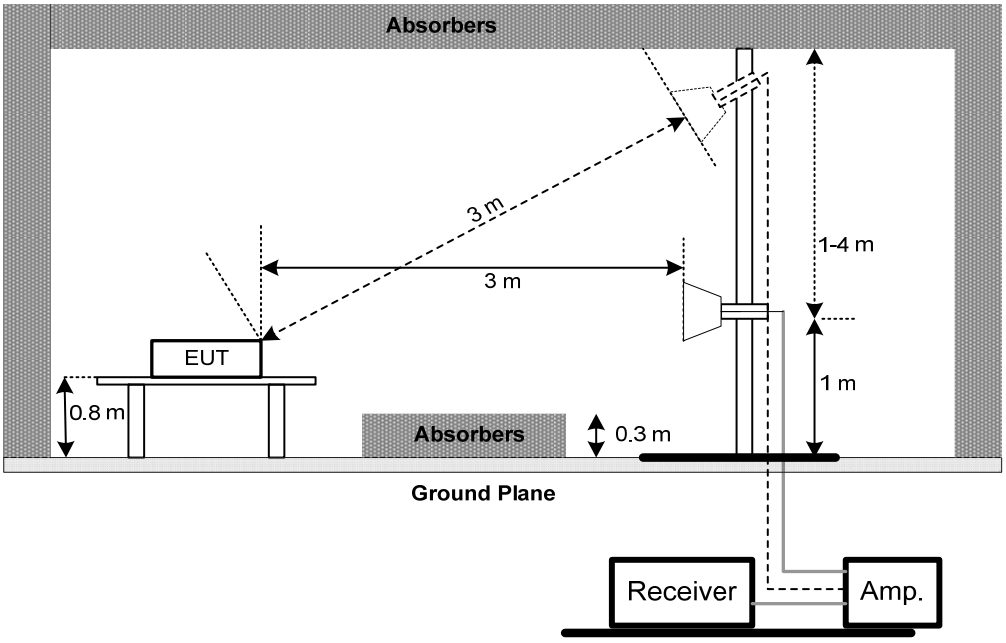
No deviation

4.2.4 TEST SETUP

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



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



4.2.5 EUT 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 (30MHZ TO 1000 MHZ)

Please refer to the Attachment B.
Temperature: 25°C Relative Humidity: 55%

Remark：

(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with 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: 25°C Relative Humidity: 55%

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	Artificial-Mains Network	SCHWARZBECK	NSLK 8127	8127685	Dec. 05, 2015
2	LISN	R&S	ENV216	100526	Mar. 28, 2016
3	Test Cable	N/A	RG400 12m	N/A	Mar. 13, 2016
4	EMI Test Receiver	R&S	ESCS30	826547/022	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

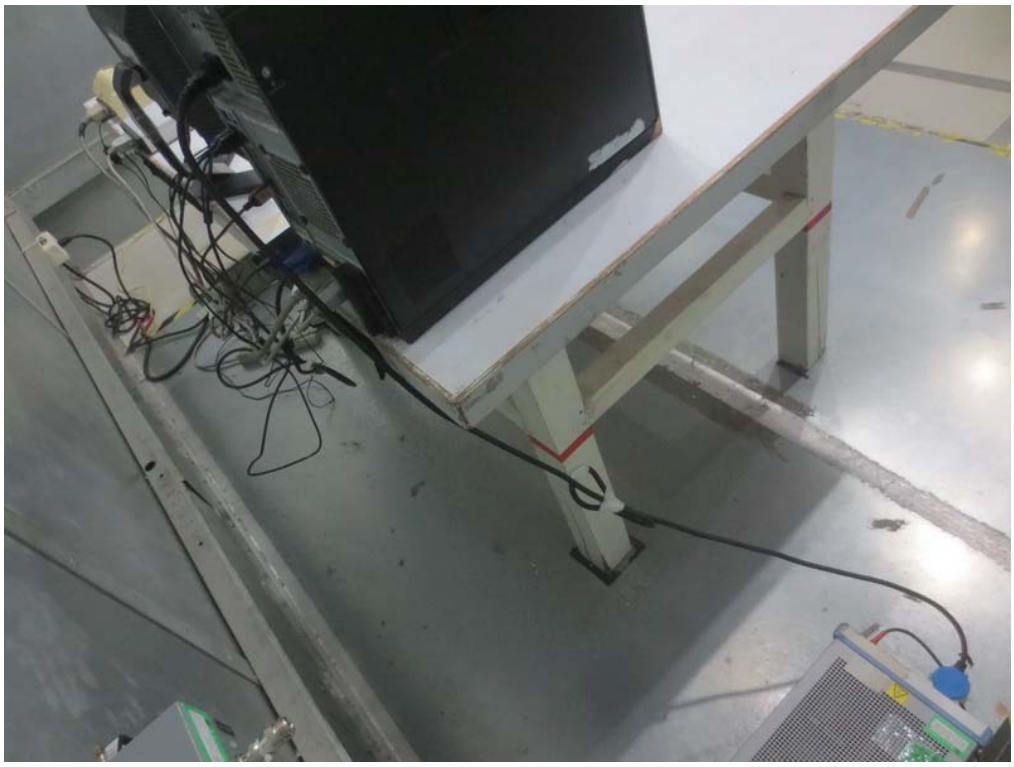
Radiated Emission - Below 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	EMCO	3142C	00066462	Mar. 28, 2016
2	Antenna	EMCO	3142C	00066464	Mar. 28, 2016
3	Amplifier	Agilent	8447D	2944A11203	Nov. 02, 2015
4	Amplifier	Agilent	8447D	2944A11204	Nov. 02, 2015
5	Spectrum Analyzer	Agilent	E4443A	MY48250370	Nov. 02, 2015
6	RF Pre-selector	Agilent	N9039A	MY46520201	Nov. 02, 2015
7	Test Cable	N/A	Cable_5m_8m_15m	N/A	Jan. 04, 2016
8	Test Cable	N/A	Cable_5m_11m_15m	N/A	Jan. 04, 2016
9	EMI Test Receiver	R&S	ESR3	101862	Jan. 02, 2016
10	RF Pre-selector	Agilent	N9039A	MY46520214	Nov. 02, 2015
11	Multi-Device Controller	ETS-Lindgren	2090	N/A	N/A
12	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	N/A	N/A

Radiated Emission - Above 1GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Horn Antenna	EMCO	3115	9605-4803	Mar. 28, 2016
2	Amplifier	Agilent	8449B	3008A02584	Nov. 02, 2015
3	EMI Test Receiver	R&S	ESR3	101862	Jan. 02. 2016
4	Test Cable	Huber+Suhner	SUCOFLEX_15 m_4m	N/A	Jan. 04, 2016
5	Multi-Device Controller	ETS-Lindgren	2090	N/A	N/A
6	Test Cable	Huber+Suhner	SUCOFLEX 102_8m	N/A	Mar. 28, 2016
7	Measurement Software	Farad	EZ-EMC Ver.BTL-2ANT-1	N/A	N/A
8	Position Control	MF	MF-7802	MF780208159	N/A

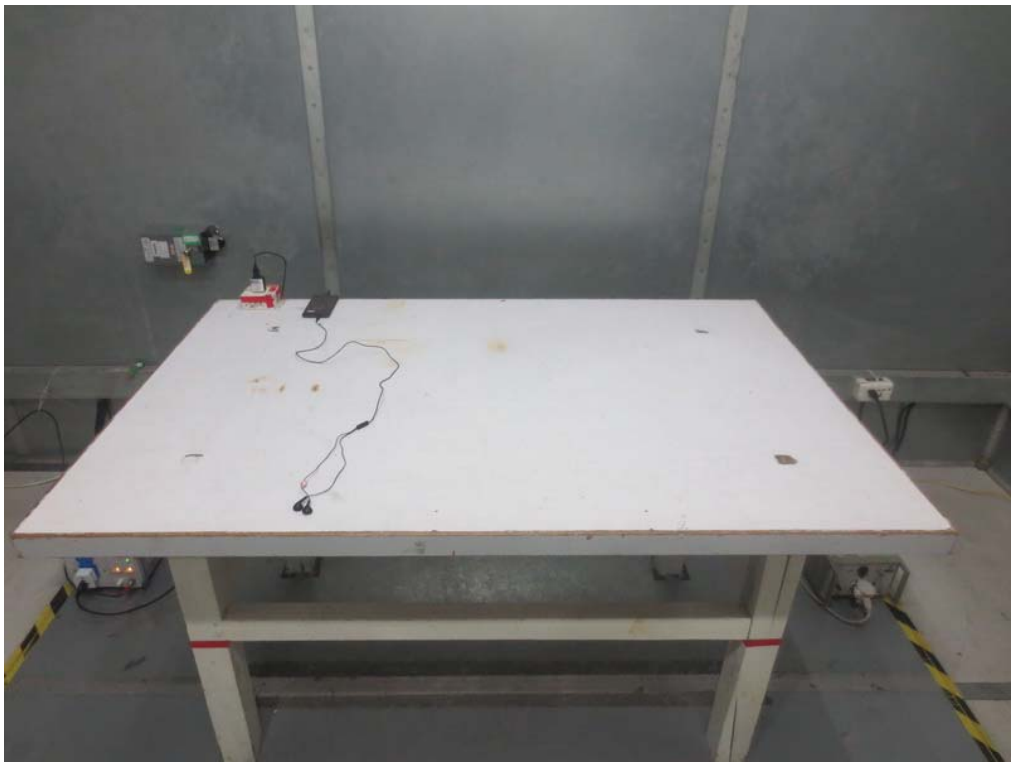
Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

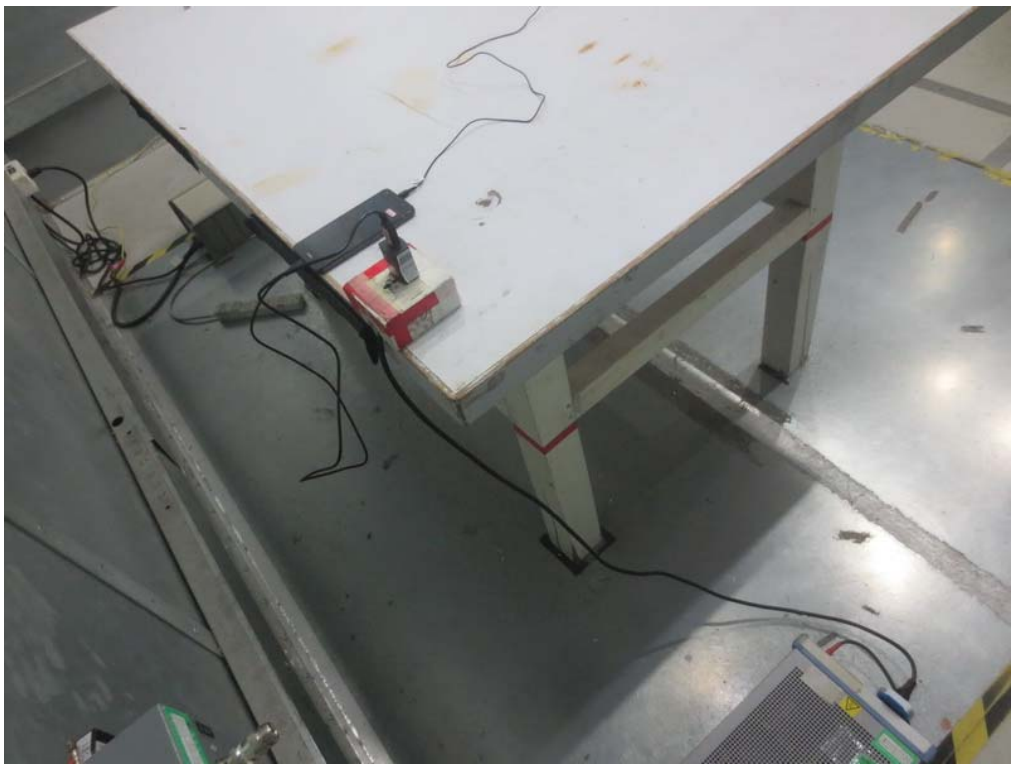
6. EUT TEST PHOTO

Conducted Measurement Photos

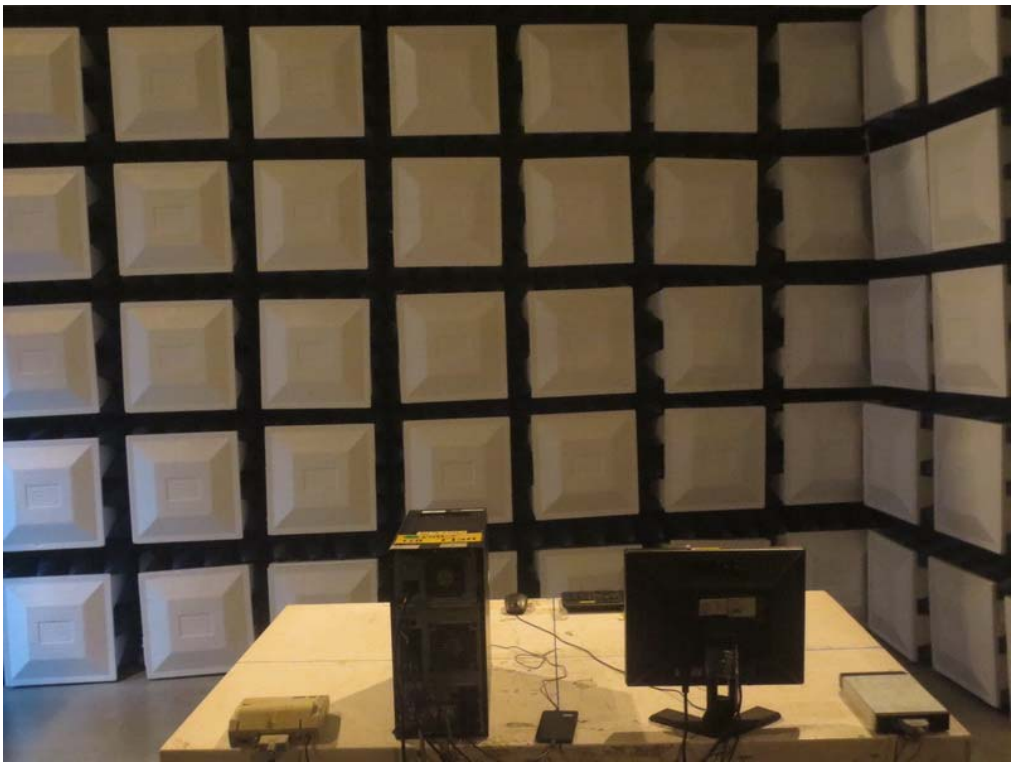


Conducted Measurement Photos

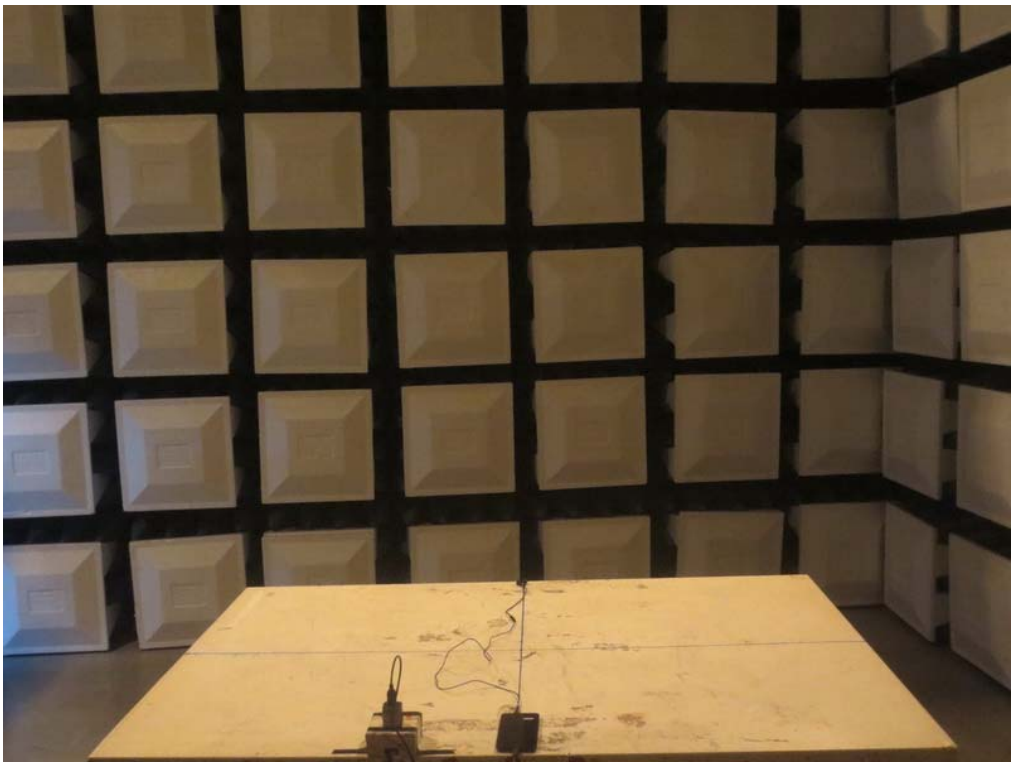




Radiated Measurement Photos



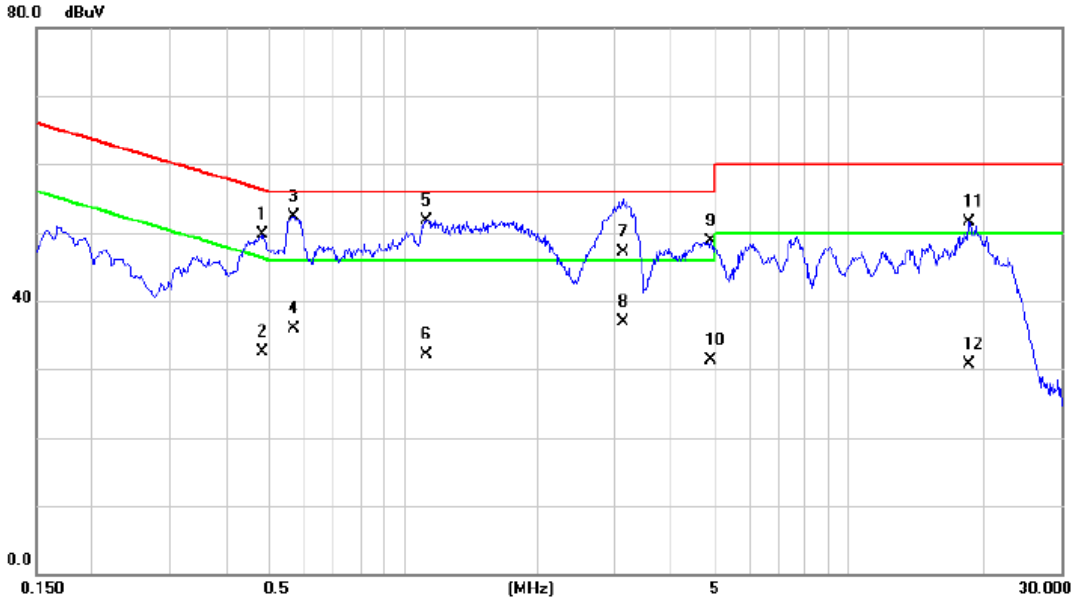
Radiated Measurement Photos



ATTACHMENT A - CONDUCTED EMISSION

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: BYD+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: Sunwoda

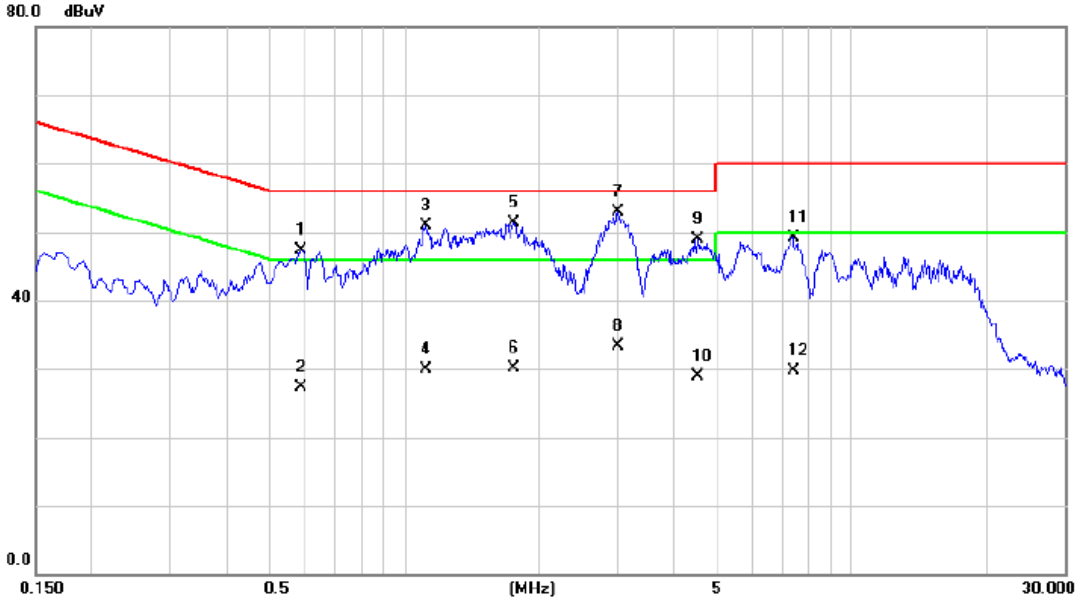
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4852	39.81	9.82	49.63	56.25	-6.62	QP	
2		0.4852	22.60	9.82	32.42	46.25	-13.83	AVG	
3	*	0.5685	42.49	9.84	52.33	56.00	-3.67	QP	
4		0.5685	26.10	9.84	35.94	46.00	-10.06	AVG	
5		1.1332	41.74	10.01	51.75	56.00	-4.25	QP	
6		1.1332	22.10	10.01	32.11	46.00	-13.89	AVG	
7		3.1088	37.30	9.82	47.12	56.00	-8.88	QP	
8		3.1088	27.00	9.82	36.82	46.00	-9.18	AVG	
9		4.9043	39.69	9.02	48.71	56.00	-7.29	QP	
10		4.9043	22.20	9.02	31.22	46.00	-14.78	AVG	
11		18.7170	41.22	10.35	51.57	60.00	-8.43	QP	
12		18.7170	20.30	10.35	30.65	50.00	-19.35	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: BYD+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: Sunwoda

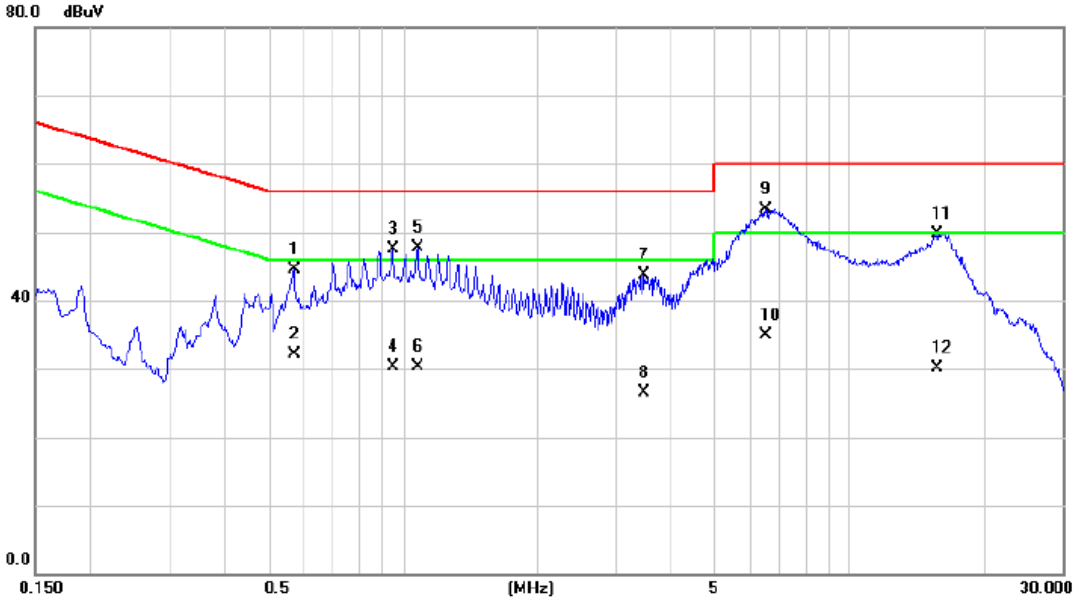
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5887	37.56	9.67	47.23	56.00	-8.77	QP	
2		0.5887	17.60	9.67	27.27	46.00	-18.73	AVG	
3		1.1174	41.08	9.80	50.88	56.00	-5.12	QP	
4		1.1174	20.20	9.80	30.00	46.00	-16.00	AVG	
5		1.7678	41.34	9.88	51.22	56.00	-4.78	QP	
6		1.7678	20.30	9.88	30.18	46.00	-15.82	AVG	
7	*	3.0233	43.04	9.80	52.84	56.00	-3.16	QP	
8		3.0233	23.60	9.80	33.40	46.00	-12.60	AVG	
9		4.5398	38.79	10.04	48.83	56.00	-7.17	QP	
10		4.5398	18.90	10.04	28.94	46.00	-17.06	AVG	
11		7.4198	39.01	10.12	49.13	60.00	-10.87	QP	
12		7.4198	19.60	10.12	29.72	50.00	-20.28	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: Sunwoda

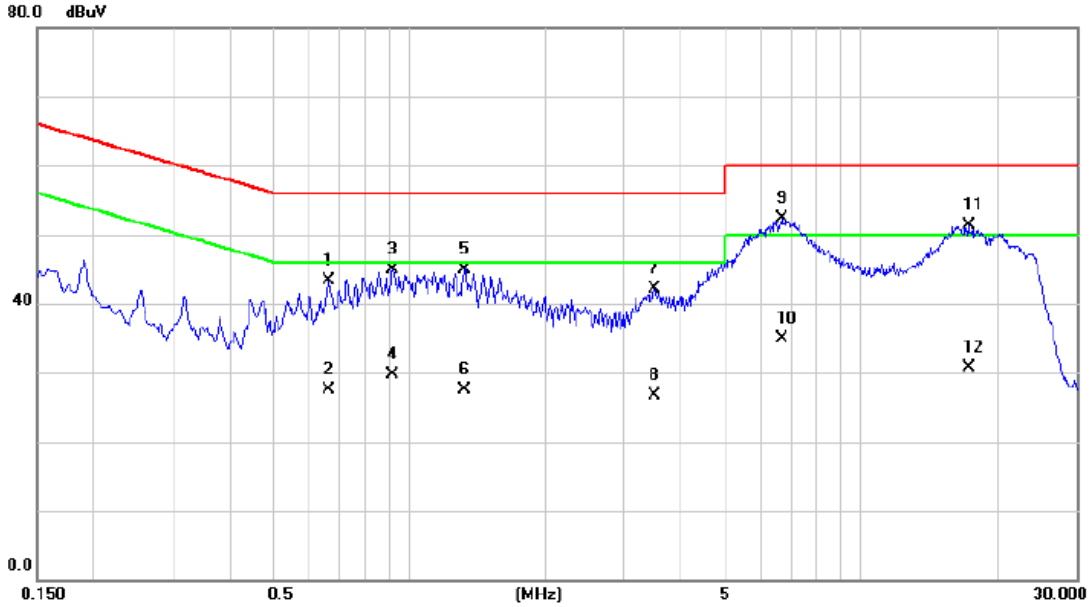
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5707	34.62	9.84	44.46	56.00	-11.54	QP	
2		0.5707	22.30	9.84	32.14	46.00	-13.86	AVG	
3		0.9487	37.48	9.96	47.44	56.00	-8.56	QP	
4		0.9487	20.30	9.96	30.26	46.00	-15.74	AVG	
5		1.0770	37.68	10.00	47.68	56.00	-8.32	QP	
6		1.0770	20.40	10.00	30.40	46.00	-15.60	AVG	
7		3.4845	33.91	9.84	43.75	56.00	-12.25	QP	
8		3.4845	16.70	9.84	26.54	46.00	-19.46	AVG	
9	*	6.5063	43.67	9.72	53.39	60.00	-6.61	QP	
10		6.5063	25.20	9.72	34.92	50.00	-15.08	AVG	
11		15.7313	39.45	10.30	49.75	60.00	-10.25	QP	
12		15.7313	19.90	10.30	30.20	50.00	-19.80	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: Sunwoda

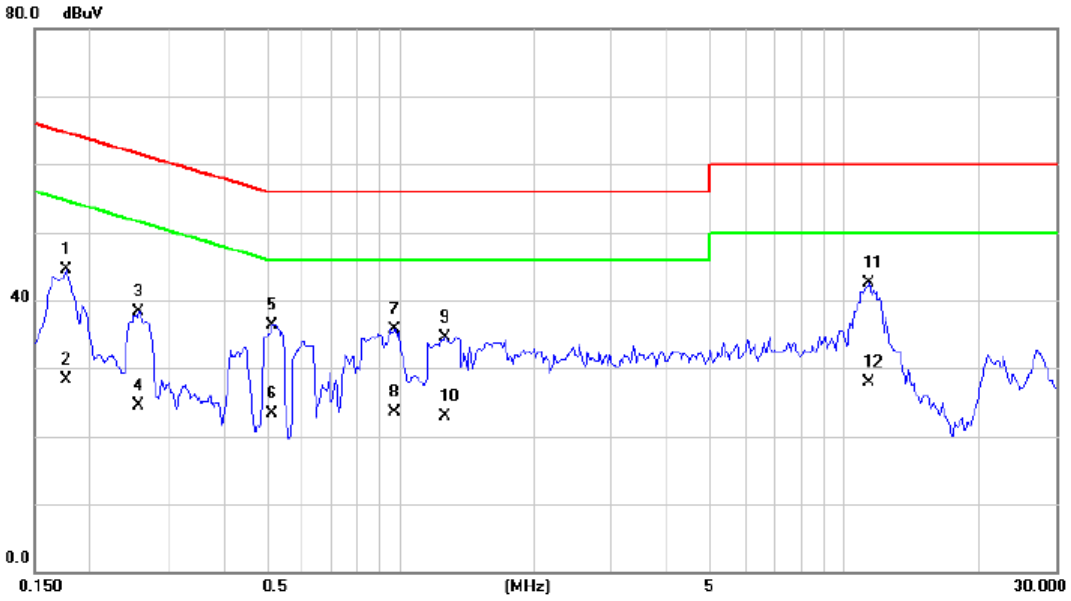
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6652	33.57	9.69	43.26	56.00	-12.74	QP	
2		0.6652	17.80	9.69	27.49	46.00	-18.51	AVG	
3		0.9195	35.07	9.75	44.82	56.00	-11.18	QP	
4		0.9195	19.90	9.75	29.65	46.00	-16.35	AVG	
5		1.3290	35.14	9.81	44.95	56.00	-11.05	QP	
6		1.3290	17.70	9.81	27.51	46.00	-18.49	AVG	
7		3.5070	32.27	9.89	42.16	56.00	-13.84	QP	
8		3.5070	16.80	9.89	26.69	46.00	-19.31	AVG	
9	*	6.6975	42.18	10.14	52.32	60.00	-7.68	QP	
10		6.6975	24.70	10.14	34.84	50.00	-15.16	AVG	
11		17.3333	40.98	10.27	51.25	60.00	-8.75	QP	
12		17.3333	20.50	10.27	30.77	50.00	-19.23	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)
Note:	-

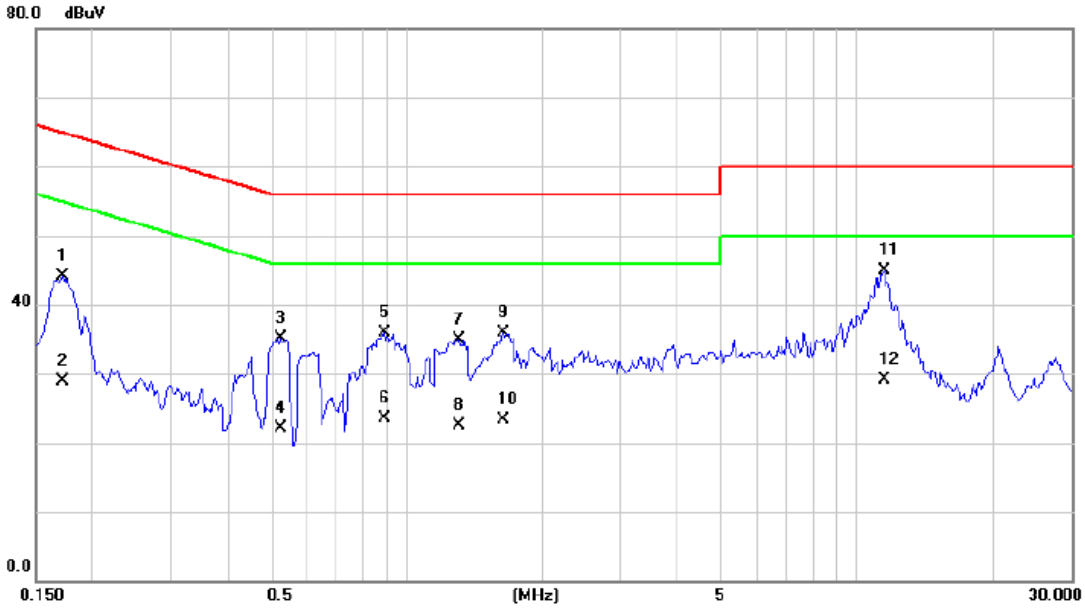
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1773	34.88	9.69	44.57	64.61	-20.04	QP	
2		0.1773	18.70	9.69	28.39	54.61	-26.22	AVG	
3		0.2575	28.59	9.73	38.32	61.51	-23.19	QP	
4		0.2575	14.80	9.73	24.53	51.51	-26.98	AVG	
5		0.5171	26.46	9.82	36.28	56.00	-19.72	QP	
6		0.5171	13.50	9.82	23.32	46.00	-22.68	AVG	
7		0.9780	25.78	9.98	35.76	56.00	-20.24	QP	
8		0.9780	13.60	9.98	23.58	46.00	-22.42	AVG	
9		1.2632	24.42	10.01	34.43	56.00	-21.57	QP	
10		1.2632	12.90	10.01	22.91	46.00	-23.09	AVG	
11	*	11.4022	32.29	10.12	42.41	60.00	-17.59	QP	
12		11.4022	17.80	10.12	27.92	50.00	-22.08	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)
Note:	-

Neutral

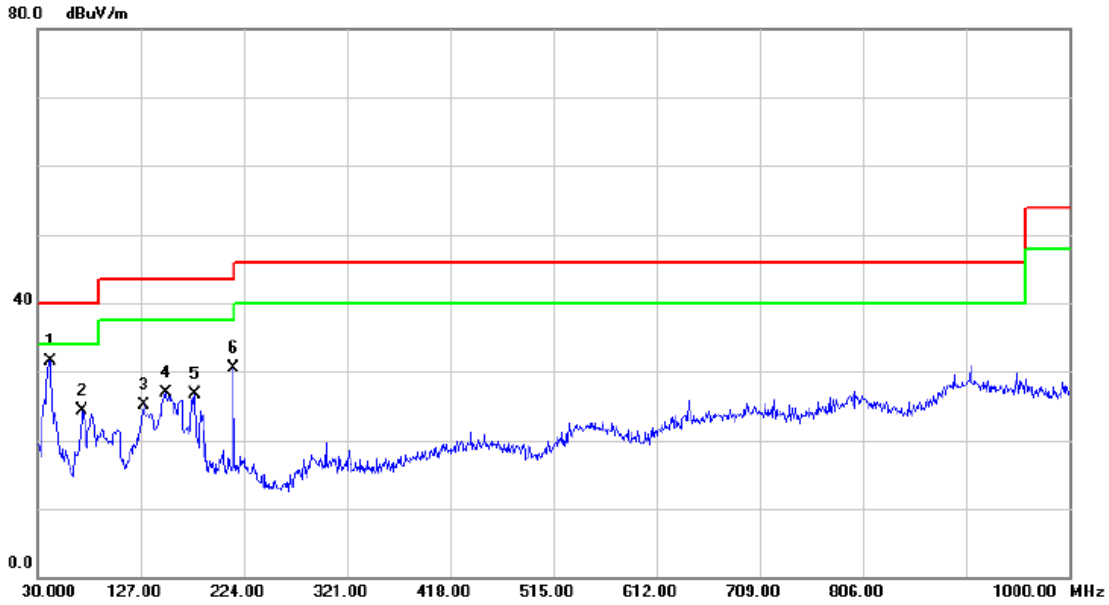


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1720	34.59	9.60	44.19	64.86	-20.67	QP	
2		0.1720	19.40	9.60	29.00	54.86	-25.86	AVG	
3		0.5237	25.46	9.65	35.11	56.00	-20.89	QP	
4		0.5237	12.40	9.65	22.05	46.00	-23.95	AVG	
5		0.8942	26.09	9.75	35.84	56.00	-20.16	QP	
6		0.8942	13.70	9.75	23.45	46.00	-22.55	AVG	
7		1.3098	25.18	9.81	34.99	56.00	-21.01	QP	
8		1.3098	12.60	9.81	22.41	46.00	-23.59	AVG	
9		1.6420	26.01	9.85	35.86	56.00	-20.14	QP	
10		1.6420	13.40	9.85	23.25	46.00	-22.75	AVG	
11	*	11.5234	34.83	10.11	44.94	60.00	-15.06	QP	
12		11.5234	18.90	10.11	29.01	50.00	-20.99	AVG	

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

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: BYD+USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

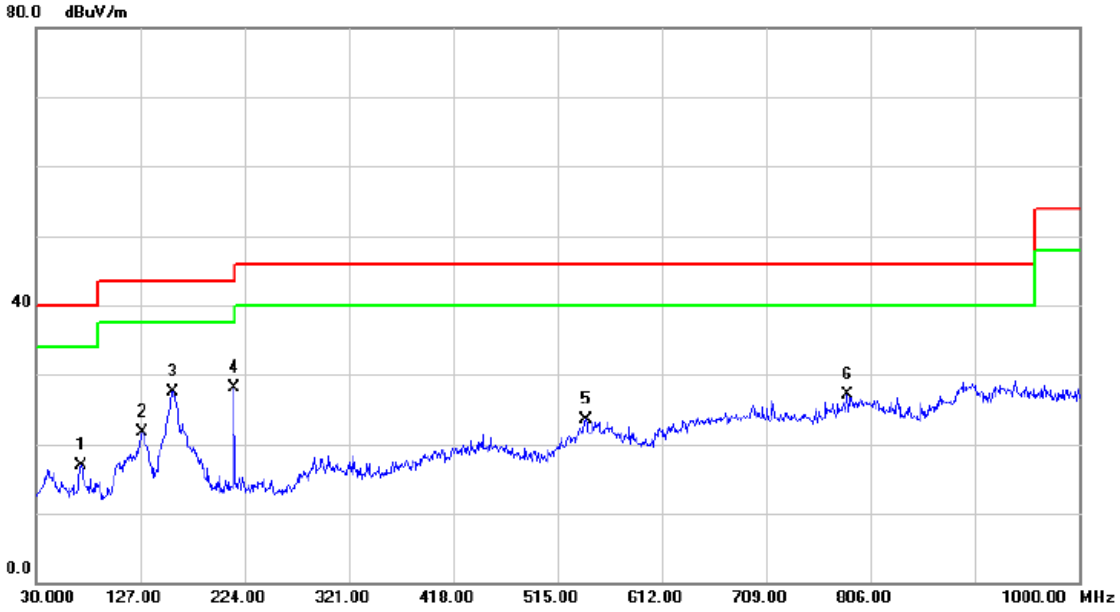
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	41.6400	45.30	-13.72	31.58	40.00	-8.42	QP	
2		71.7100	40.29	-16.04	24.25	40.00	-15.75	QP	
3		129.9100	38.22	-13.09	25.13	43.50	-18.37	QP	
4		151.2500	39.88	-12.93	26.95	43.50	-16.55	QP	
5		178.4100	39.61	-12.93	26.68	43.50	-16.82	QP	
6		214.3000	45.07	-14.62	30.45	43.50	-13.05	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: BYD+USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

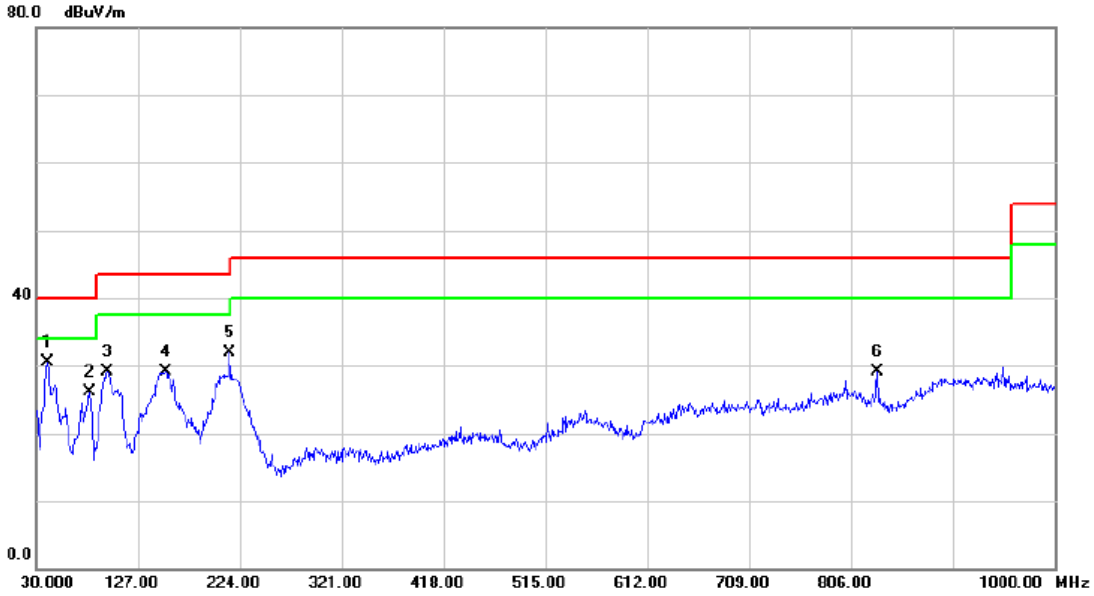
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		71.7100	32.89	-16.04	16.85	40.00	-23.15	QP	
2		128.9400	34.92	-13.17	21.75	43.50	-21.75	QP	
3		157.0700	40.16	-12.59	27.57	43.50	-15.93	QP	
4	*	214.3000	42.77	-14.62	28.15	43.50	-15.35	QP	
5		541.1900	29.45	-6.00	23.45	46.00	-22.55	QP	
6		784.6600	29.87	-2.85	27.02	46.00	-18.98	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: HK+USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

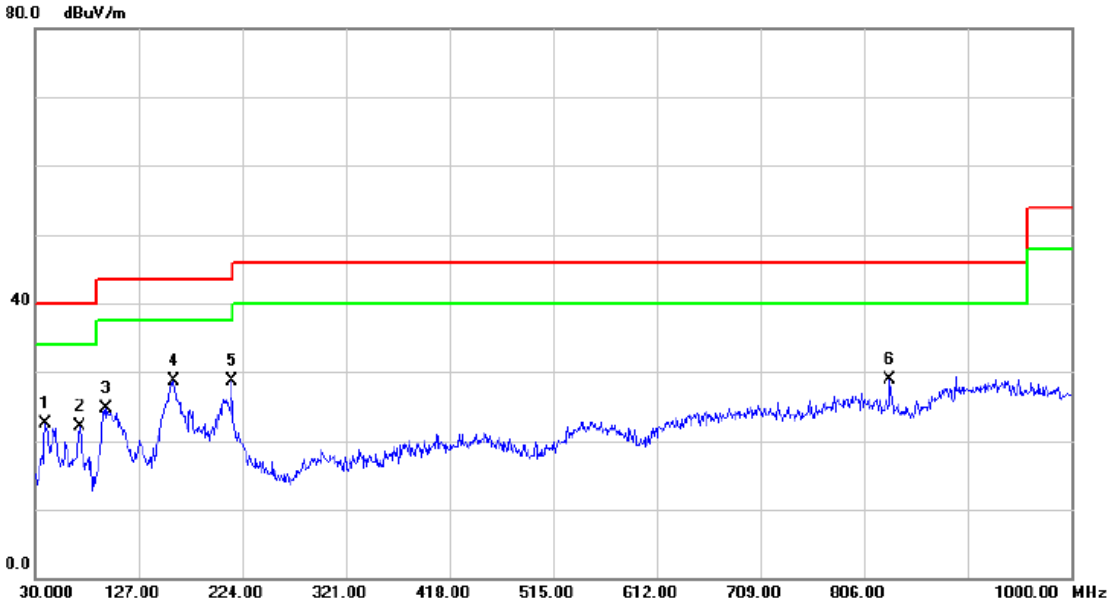
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	40.6700	44.39	-13.87	30.52	40.00	-9.48	QP	
2		80.4400	42.88	-16.70	26.18	40.00	-13.82	QP	
3		97.9000	45.47	-16.29	29.18	43.50	-14.32	QP	
4		153.1900	41.89	-12.82	29.07	43.50	-14.43	QP	
5		214.3000	46.44	-14.62	31.82	43.50	-11.68	QP	
6		831.2200	32.35	-3.30	29.05	46.00	-16.95	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: HK+USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

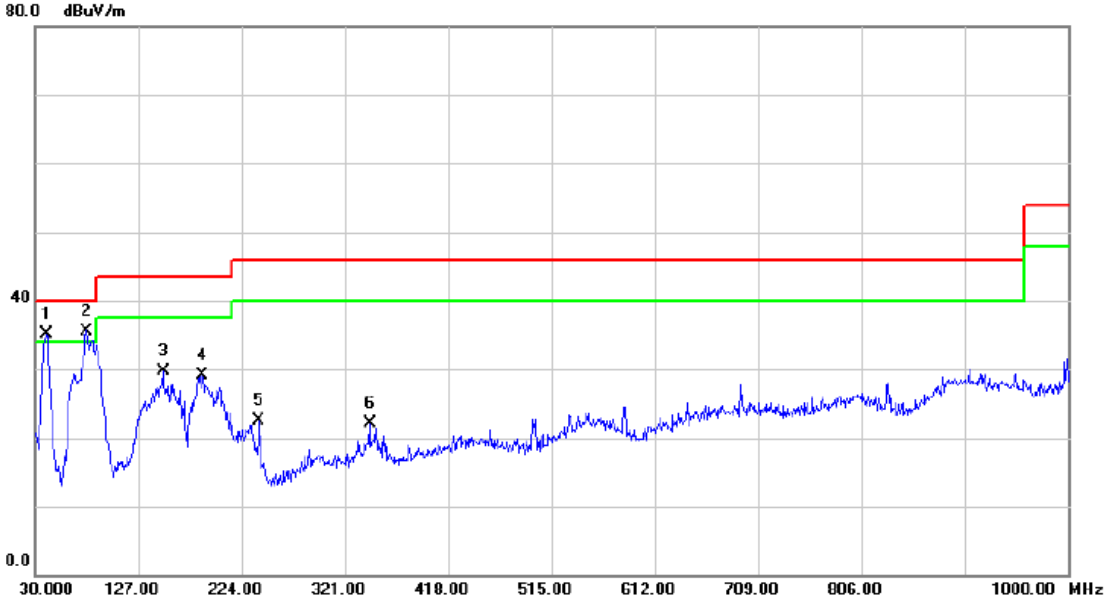
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.7000	36.53	-13.98	22.55	40.00	-17.45	QP	
2		71.7100	38.12	-16.04	22.08	40.00	-17.92	QP	
3		96.9300	41.12	-16.44	24.68	43.50	-18.82	QP	
4		159.9800	41.04	-12.42	28.62	43.50	-14.88	QP	
5	*	214.3000	43.31	-14.62	28.69	43.50	-14.81	QP	
6		830.2500	32.23	-3.27	28.96	46.00	-17.04	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)+Earphone
Note:	USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

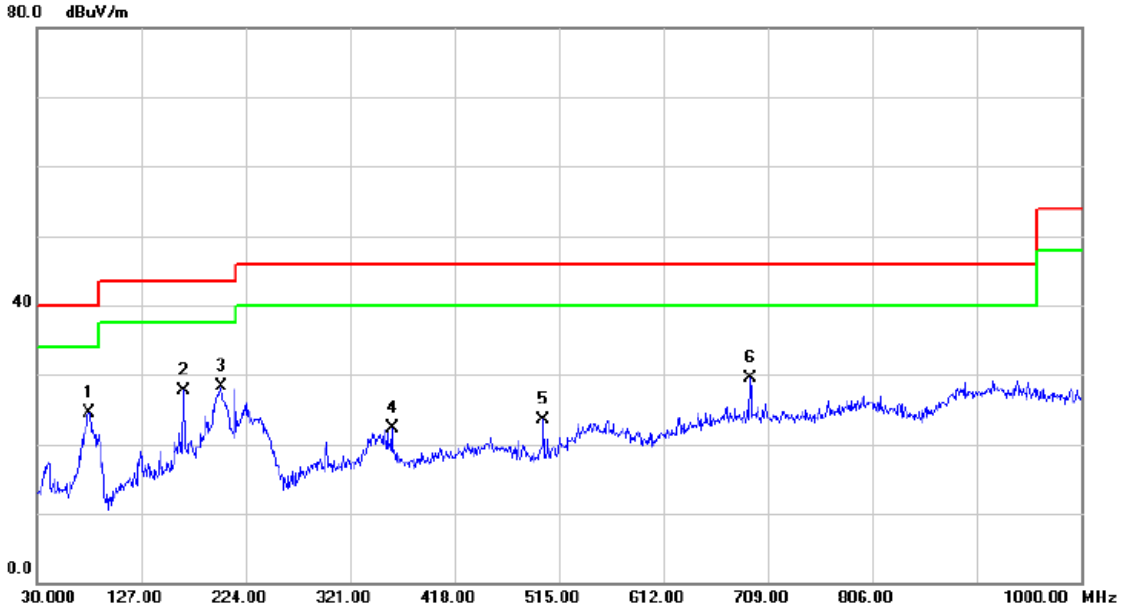
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	40.6700	49.06	-13.87	35.19	40.00	-4.81	QP	
2	*	78.5000	52.16	-16.56	35.60	40.00	-4.40	QP	
3		150.2800	42.70	-13.00	29.70	43.50	-13.80	QP	
4		187.1400	43.18	-13.98	29.20	43.50	-14.30	QP	
5		240.4900	36.67	-14.15	22.52	46.00	-23.48	QP	
6		344.2800	33.29	-11.24	22.05	46.00	-23.95	QP	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)+Earphone
Note:	USB Cable: Connrex +Earphone: QUANCHENG (Black)+Battery: Sunwoda

Neutral

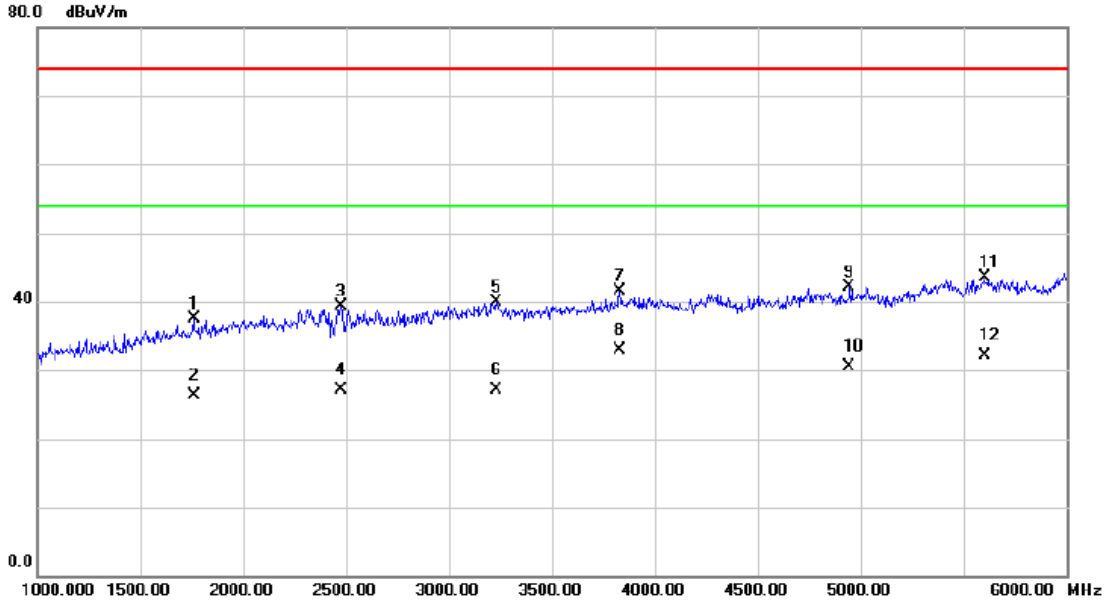


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		78.5000	41.01	-16.56	24.45	40.00	-15.55	QP	
2		165.8000	40.43	-12.68	27.75	43.50	-15.75	QP	
3	*	201.6900	43.30	-15.09	28.21	43.50	-15.29	QP	
4		359.8000	33.21	-10.95	22.26	46.00	-23.74	QP	
5		500.4500	33.47	-9.95	23.52	46.00	-22.48	QP	
6		692.5100	33.84	-4.33	29.51	46.00	-16.49	QP	

ATTACHMENT C - RADIATED EMISSION (ABOVE 1000MHZ)

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: BYD+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

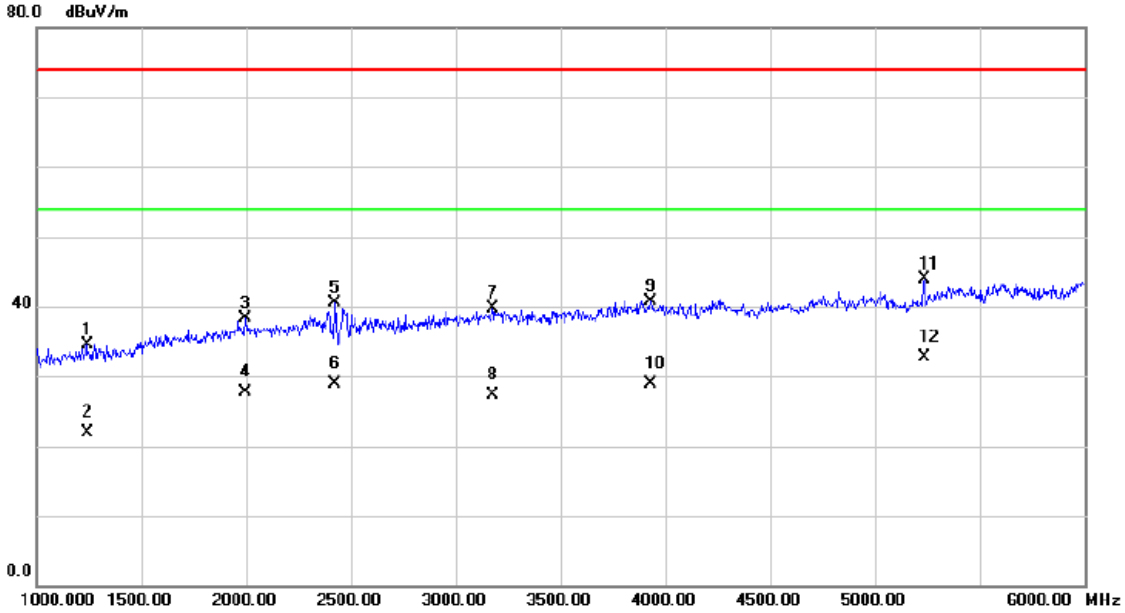
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1760.000	43.77	-6.31	37.46	74.00	-36.54	peak	
2		1760.000	32.65	-6.31	26.34	54.00	-27.66	AVG	
3		2475.000	43.83	-4.50	39.33	74.00	-34.67	peak	
4		2475.000	31.57	-4.50	27.07	54.00	-26.93	AVG	
5		3230.000	43.05	-3.22	39.83	74.00	-34.17	peak	
6		3230.000	30.26	-3.22	27.04	54.00	-26.96	AVG	
7		3830.000	43.07	-1.59	41.48	74.00	-32.52	peak	
8	*	3830.000	34.50	-1.59	32.91	54.00	-21.09	AVG	
9		4945.000	41.85	0.21	42.06	74.00	-31.94	peak	
10		4945.000	30.29	0.21	30.50	54.00	-23.50	AVG	
11		5600.000	41.53	2.02	43.55	74.00	-30.45	peak	
12		5600.000	30.12	2.02	32.14	54.00	-21.86	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: BYD+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

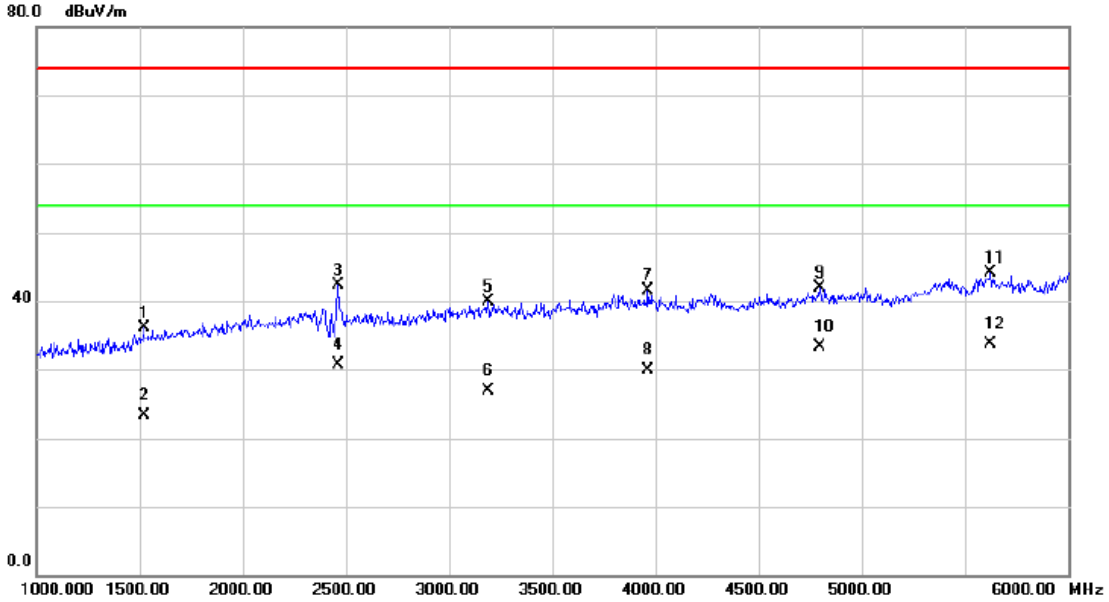
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1240.000	43.98	-9.42	34.56	74.00	-39.44	peak	
2		1240.000	31.26	-9.42	21.84	54.00	-32.16	AVG	
3		1995.000	43.07	-4.80	38.27	74.00	-35.73	peak	
4		1995.000	32.57	-4.80	27.77	54.00	-26.23	AVG	
5		2425.000	45.04	-4.53	40.51	74.00	-33.49	peak	
6		2425.000	33.52	-4.53	28.99	54.00	-25.01	AVG	
7		3175.000	42.98	-3.36	39.62	74.00	-34.38	peak	
8		3175.000	30.67	-3.36	27.31	54.00	-26.69	AVG	
9		3930.000	42.10	-1.30	40.80	74.00	-33.20	peak	
10		3930.000	30.26	-1.30	28.96	54.00	-25.04	AVG	
11		5235.000	42.85	1.02	43.87	74.00	-30.13	peak	
12	*	5235.000	31.70	1.02	32.72	54.00	-21.28	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

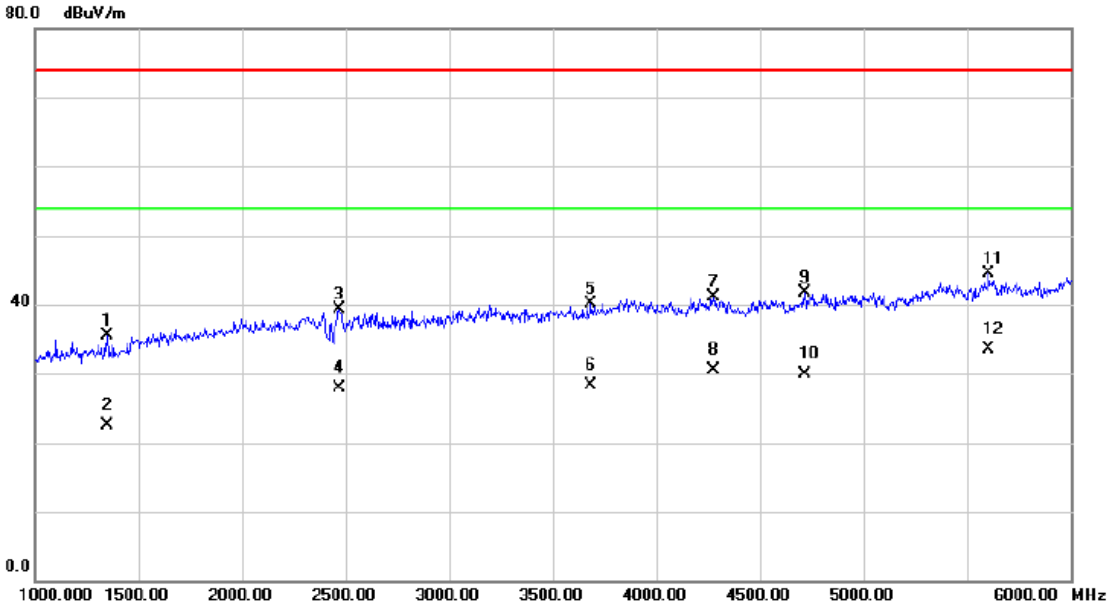
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1520.000	44.04	-7.87	36.17	74.00	-37.83	peak	
2		1520.000	31.24	-7.87	23.37	54.00	-30.63	AVG	
3		2460.000	46.89	-4.51	42.38	74.00	-31.62	peak	
4		2460.000	35.26	-4.51	30.75	54.00	-23.25	AVG	
5		3190.000	43.18	-3.32	39.86	74.00	-34.14	peak	
6		3190.000	30.26	-3.32	26.94	54.00	-27.06	AVG	
7		3965.000	42.60	-1.19	41.41	74.00	-32.59	peak	
8		3965.000	31.02	-1.19	29.83	54.00	-24.17	AVG	
9		4795.000	42.12	-0.14	41.98	74.00	-32.02	peak	
10		4795.000	33.50	-0.14	33.36	54.00	-20.64	AVG	
11		5625.000	42.01	2.07	44.08	74.00	-29.92	peak	
12	*	5625.000	31.70	2.07	33.77	54.00	-20.23	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

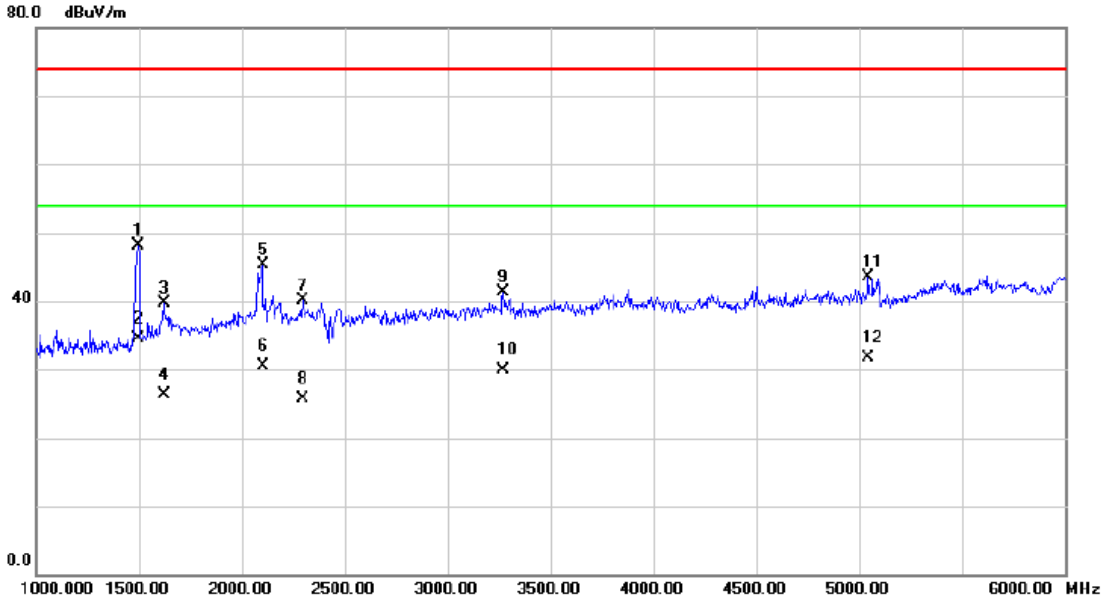
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1350.000	44.24	-8.81	35.43	74.00	-38.57	peak	
2		1350.000	31.27	-8.81	22.46	54.00	-31.54	AVG	
3		2470.000	43.77	-4.50	39.27	74.00	-34.73	peak	
4		2470.000	32.50	-4.50	28.00	54.00	-26.00	AVG	
5		3685.000	42.17	-2.00	40.17	74.00	-33.83	peak	
6		3685.000	30.26	-2.00	28.26	54.00	-25.74	AVG	
7		4275.000	42.02	-0.95	41.07	74.00	-32.93	peak	
8		4275.000	31.50	-0.95	30.55	54.00	-23.45	AVG	
9		4715.000	41.93	-0.32	41.61	74.00	-32.39	peak	
10		4715.000	30.20	-0.32	29.88	54.00	-24.12	AVG	
11		5605.000	42.56	2.03	44.59	74.00	-29.41	peak	
12	*	5605.000	31.40	2.03	33.43	54.00	-20.57	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)+Earphone
Note:	USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

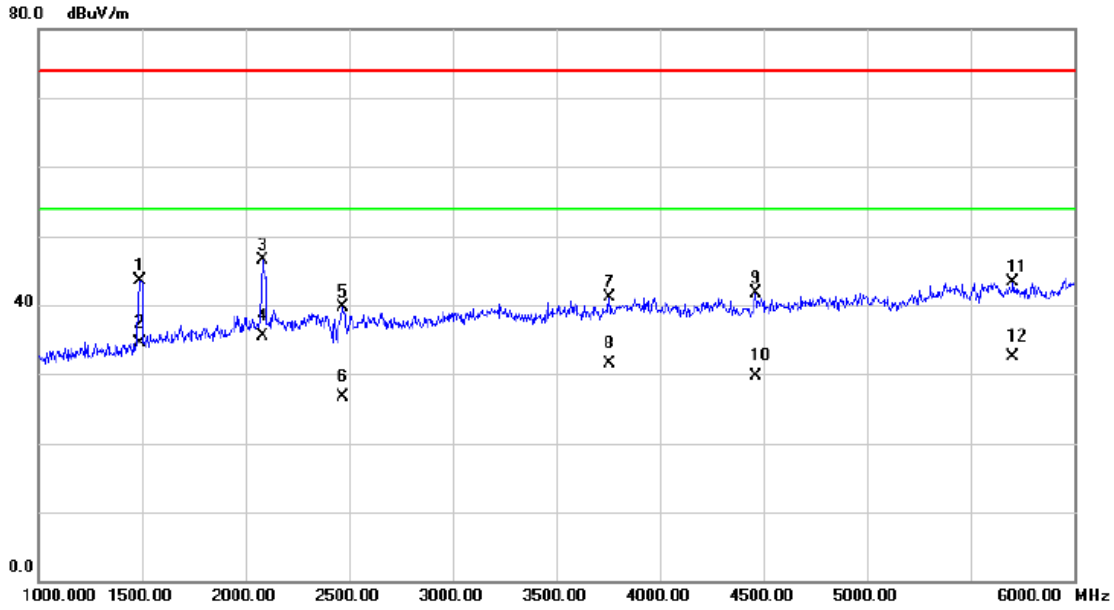
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1495.000	56.10	-8.02	48.08	74.00	-25.92	peak	
2	*	1495.000	42.60	-8.02	34.58	54.00	-19.42	AVG	
3		1620.000	46.95	-7.22	39.73	74.00	-34.27	peak	
4		1620.000	33.57	-7.22	26.35	54.00	-27.65	AVG	
5		2100.000	49.97	-4.71	45.26	74.00	-28.74	peak	
6		2100.000	35.17	-4.71	30.46	54.00	-23.54	AVG	
7		2295.000	44.65	-4.60	40.05	74.00	-33.95	peak	
8		2295.000	30.27	-4.60	25.67	54.00	-28.33	AVG	
9		3270.000	44.48	-3.12	41.36	74.00	-32.64	peak	
10		3270.000	33.01	-3.12	29.89	54.00	-24.11	AVG	
11		5045.000	42.97	0.47	43.44	74.00	-30.56	peak	
12		5045.000	31.20	0.47	31.67	54.00	-22.33	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	USB Copy(EUT with PC)+Earphone
Note:	USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

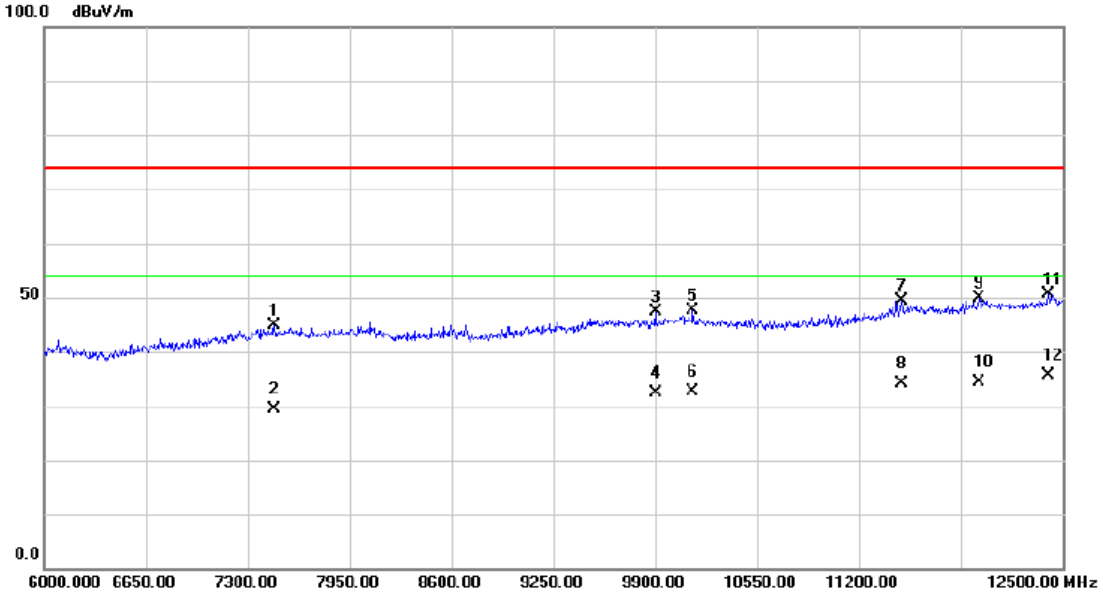
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1490.000	51.53	-8.05	43.48	74.00	-30.52	peak	
2		1490.000	42.57	-8.05	34.52	54.00	-19.48	AVG	
3		2080.000	51.25	-4.73	46.52	74.00	-27.48	peak	
4	*	2080.000	40.30	-4.73	35.57	54.00	-18.43	AVG	
5		2470.000	44.17	-4.50	39.67	74.00	-34.33	peak	
6		2470.000	31.26	-4.50	26.76	54.00	-27.24	AVG	
7		3755.000	42.97	-1.81	41.16	74.00	-32.84	peak	
8		3755.000	33.26	-1.81	31.45	54.00	-22.55	AVG	
9		4465.000	42.58	-0.84	41.74	74.00	-32.26	peak	
10		4465.000	30.57	-0.84	29.73	54.00	-24.27	AVG	
11		5705.000	41.07	2.24	43.31	74.00	-30.69	peak	
12		5705.000	30.21	2.24	32.45	54.00	-21.55	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

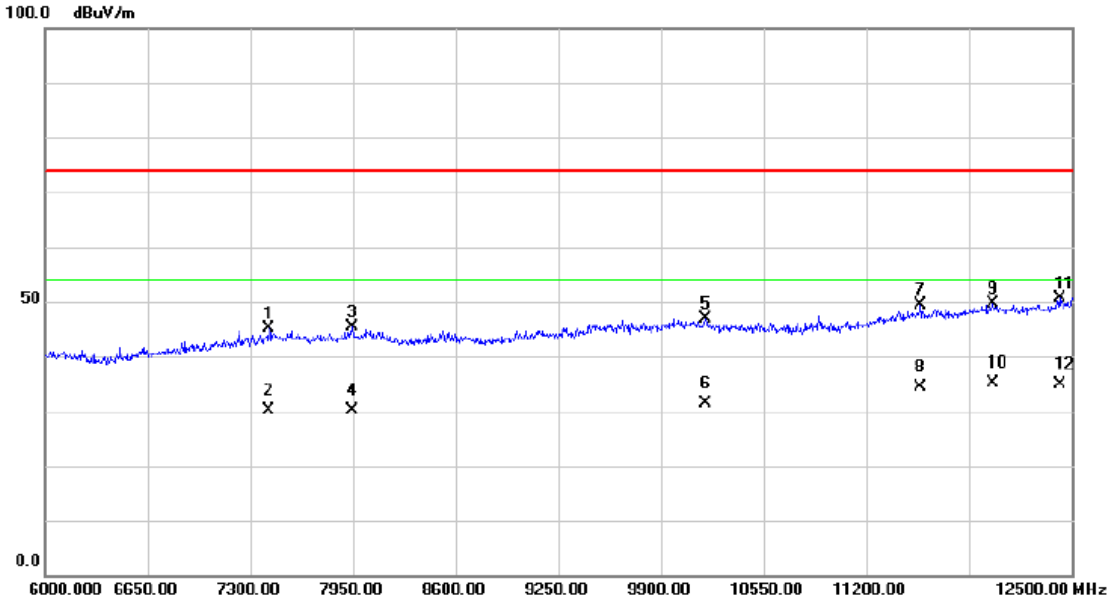
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7469.000	28.98	15.85	44.83	74.00	-29.17	peak	
2		7469.000	13.57	15.85	29.42	54.00	-24.58	AVG	
3		9900.000	31.60	15.88	47.48	74.00	-26.52	peak	
4		9900.000	16.54	15.88	32.42	54.00	-21.58	AVG	
5		10140.50	32.13	15.48	47.61	74.00	-26.39	peak	
6		10140.50	17.17	15.48	32.65	54.00	-21.35	AVG	
7		11473.00	29.27	20.15	49.42	74.00	-24.58	peak	
8		11473.00	14.02	20.15	34.17	54.00	-19.83	AVG	
9		11967.00	26.72	23.11	49.83	74.00	-24.17	peak	
10		11967.00	11.18	23.11	34.29	54.00	-19.71	AVG	
11		12409.00	31.95	18.71	50.66	74.00	-23.34	peak	
12	*	12409.00	16.93	18.71	35.64	54.00	-18.36	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	Adapter+Earphone+Camera on+idle+BT+WiFi+GPS
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

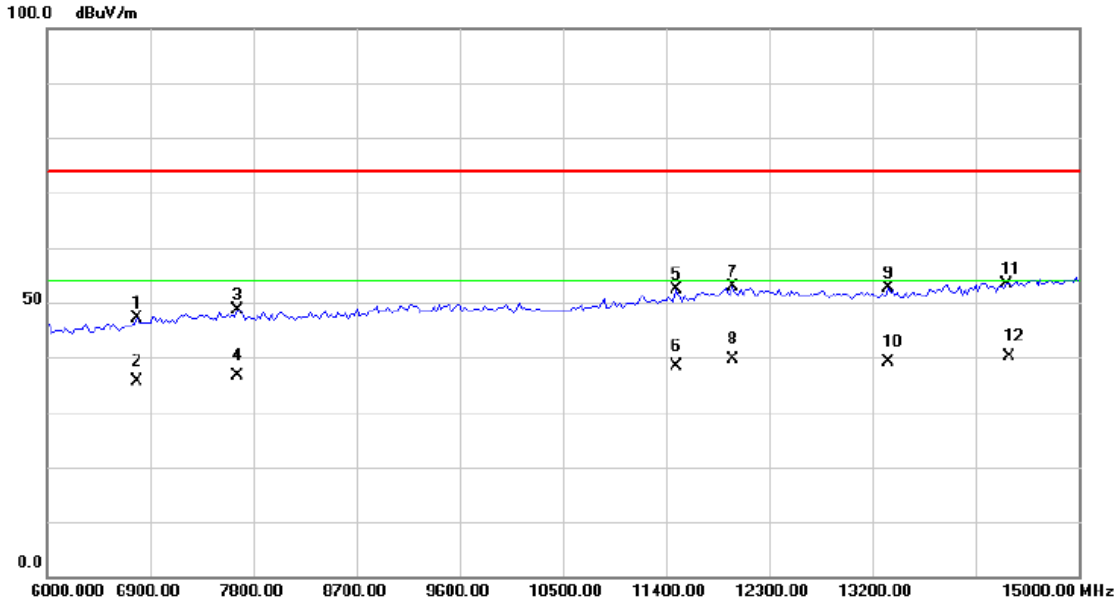
Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7417.000	29.43	15.64	45.07	74.00	-28.93	peak	
2		7417.000	14.54	15.64	30.18	54.00	-23.82	AVG	
3		7943.500	29.28	16.07	45.35	74.00	-28.65	peak	
4		7943.500	14.16	16.07	30.23	54.00	-23.77	AVG	
5		10179.50	31.60	15.31	46.91	74.00	-27.09	peak	
6		10179.50	16.16	15.31	31.47	54.00	-22.53	AVG	
7		11544.50	28.97	20.42	49.39	74.00	-24.61	peak	
8		11544.50	14.03	20.42	34.45	54.00	-19.55	AVG	
9		11999.50	26.20	23.32	49.52	74.00	-24.48	peak	
10	*	11999.50	11.91	23.32	35.23	54.00	-18.77	AVG	
11		12422.00	32.18	18.56	50.74	74.00	-23.26	peak	
12		12422.00	16.38	18.56	34.94	54.00	-19.06	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

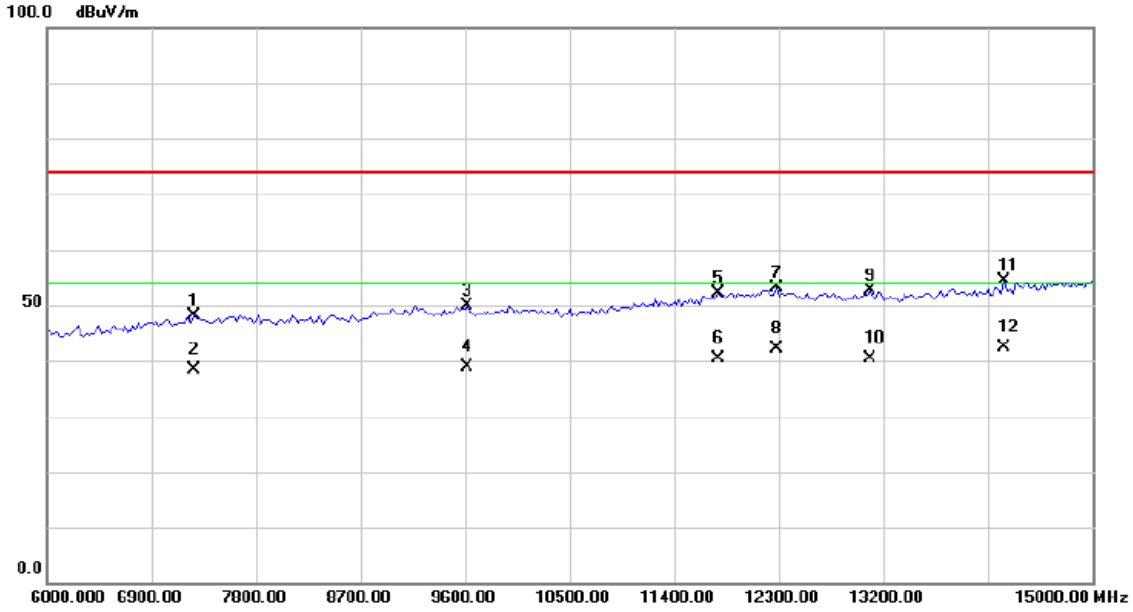
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		6787.500	33.94	13.13	47.07	74.00	-26.93	peak	
2		6787.500	22.49	13.13	35.62	54.00	-18.38	AVG	
3		7665.000	34.06	14.69	48.75	74.00	-25.25	peak	
4		7665.000	21.89	14.69	36.58	54.00	-17.42	AVG	
5		11490.00	32.32	20.13	52.45	74.00	-21.55	peak	
6		11490.00	18.33	20.13	38.46	54.00	-15.54	AVG	
7		11985.00	31.91	20.87	52.78	74.00	-21.22	peak	
8		11985.00	18.85	20.87	39.72	54.00	-14.28	AVG	
9		13335.00	31.18	21.36	52.54	74.00	-21.46	peak	
10		13335.00	17.85	21.36	39.21	54.00	-14.79	AVG	
11		14370.00	30.54	22.83	53.37	74.00	-20.63	peak	
12	*	14370.00	17.42	22.83	40.25	54.00	-13.75	AVG	

Test Voltage:	AC 120V/60Hz
Test Mode:	LTE+Earphone
Note:	Adapter: HK+USB Cable: Honglin +Earphone: GoerTek Inc (White)+Battery: SCUD

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		7260.000	33.78	14.27	48.05	74.00	-25.95	peak	
2		7260.000	23.99	14.27	38.26	54.00	-15.74	AVG	
3		9622.500	32.79	17.16	49.95	74.00	-24.05	peak	
4		9622.500	21.62	17.16	38.78	54.00	-15.22	AVG	
5		11782.50	31.65	20.57	52.22	74.00	-21.78	peak	
6		11782.50	19.69	20.57	40.26	54.00	-13.74	AVG	
7		12277.50	32.14	20.87	53.01	74.00	-20.99	peak	
8		12277.50	21.29	20.87	42.16	54.00	-11.84	AVG	
9		13087.50	31.37	21.16	52.53	74.00	-21.47	peak	
10		13087.50	19.20	21.16	40.36	54.00	-13.64	AVG	
11		14235.00	31.94	22.53	54.47	74.00	-19.53	peak	
12	*	14235.00	19.77	22.53	42.30	54.00	-11.70	AVG	