

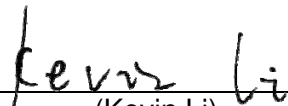
FCC Test Report

FCC ID: QISBLL-L23

Project No. : 1609C029
Equipment : Smart Phone
Test Model : BLL-L23
Series Model : N/A
Applicant : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

Date of Receipt : Sep. 06, 2016
Date of Test : Sep. 06, 2016 ~ Sep. 18, 2016
Issued Date : Sep. 19, 2016
Tested by : BTL Inc.

Testing Engineer

: 
(Kevin Li)

Technical Manager

: 
(James Chiu)

Authorized Signatory

: 
(Steven Lu)

B T L I N C .

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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 standards traceable to international standard(s) and/or national standard(s).

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** 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.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1609C029	Original Issue.	Sep. 19, 2016

1. CERIFICATION

Equipment : Smart Phone
Brand Name : HUAWEI
Test Model : BLL-L23
Series Model : N/A
Applicant : Huawei Technologies Co.,Ltd.
Manufacturer : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, 518129, P.R.C
Factory : Huawei Technologies Co.,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, 518129, P.R.C
Date of Test : Sep. 06, 2016 ~ Sep. 18, 2016
Test Sample : Engineering Sample
Standard(s) : FCC Part 15, Subpart B
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-1-1609C029) 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	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) The EUT's max operating frequency exceeds 108 MHz, so the test will be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report 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 $y \pm U$, 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)
DG-C02	CISPR	150 kHz ~ 30MHz	2.32

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	9KHz ~ 30MHz	V	3.79
		9KHz ~ 30MHz	H	3.57
		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	Ant. H / V	U,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 18GHz	V	3.12
		1GHz ~ 18GHz	H	3.68

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
Test Model	BLL-L23
Series Model	N/A
Model Difference	N/A
Frequency	GSM850/1900 WCDMA B2/4/5 LTE B2/4/5/7/17 BT /Wi-Fi
Power Source	#1 DC Voltage supplied from AC/DC adapter. #2 Battery Supplied.
Power Rating	#1 AC 100–240V 60Hz/50Hz,0.5A DC 5V2A #2 DC 3.82V 3270mAh
HW Version	HL2BLNM
SW Version	BLL-L23C900B061

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.
Battery	SCUD (FUJIAN) Electronics Co., Ltd	HB386483ECW+
	DESAY CORPORATION	
	Harbin Coslight Power Co.,Ltd.	
	Sunwoda Electronic Co., LTD	
USB Cable	FOXCONN INTERCONNECT TECHNOLOGY	CUBB01M-HC304-DH
	Unirise Communication Technology Co Ltd	LSA00732
	Shenzhen Luxshare Precision Industry Co., Ltd	L99U2017-CS-H
	SHEN ZHEN PANG NGAI INDUSTRIAL CO., LTD.	H09-000577
	CONNREX (SHEN ZHEN) INDUSTRIAL.,LTD.	CD-U0405-1143
Earphone	Jiangxi Lianchuang Hongsheng Electronic Co.,LTD	MEMD1632B580C00
	BOLUO COUNTY QUANCHENG ELECTRONIC	1311-3291-3.5mm-229
	MERRY ELECTRONICS CO., LTD.CO.,LTD	EMC309-001
Adapter	Dongguan Phitek Electronics Co., Ltd	HW-050200A01
	HUIZHOU BYD ELECTRONIC CO., LTD.	HW-050200B01
	Shenzhen Huntkey Electric Co., Ltd.	HW-050200U01

3.2 DESCRIPTION OF TEST MODES

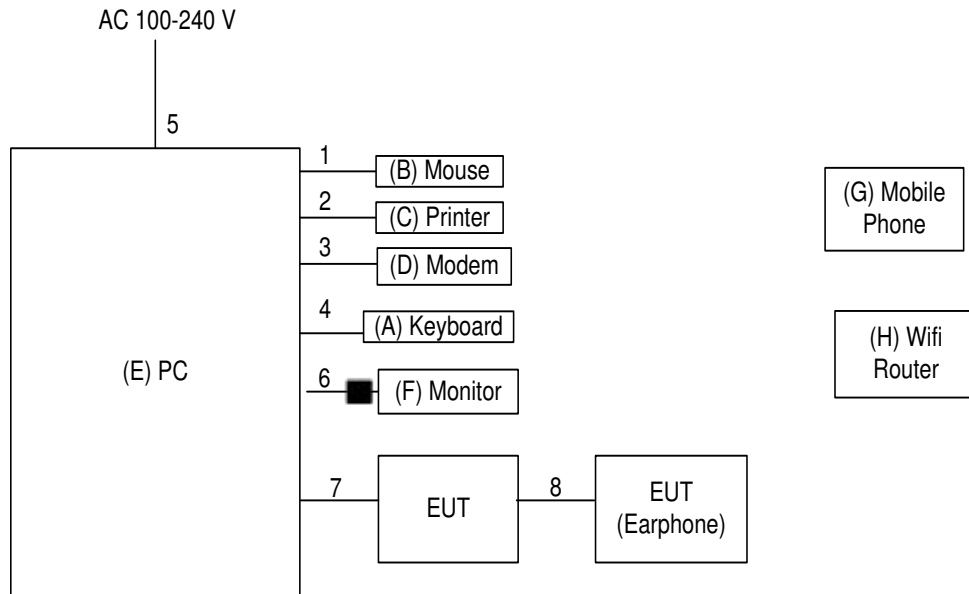
To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration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

Pretest Mode	Description
Mode 1	USB copy(EUT with PC)+Idle+ Earphone
Mode 2	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone
Mode 3	Adapter+Idle+Playing+Speaker
Mode 4	Adapter+Traffic (GSM)+ Earphone
Mode 5	Adapter+Traffic (WCDMA)
Mode 6	Adapter+Traffic (LTE)

For Conducted Test	
Mode 1	USB copy(EUT with PC)+Idle+ Earphone
Mode 2	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone
Mode 3	Adapter+Idle+Playing+Speaker
Mode 4	Adapter+Traffic (GSM)+ Earphone
Mode 5	Adapter+Traffic (WCDMA)
Mode 6	Adapter+Traffic (LTE)

For Radiated Test	
Final Test Mode	Description
Mode 1	USB copy(EUT with PC)+Idle+ Earphone
Mode 2	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone
Mode 3	Adapter+Idle+Playing+Speaker
Mode 4	Adapter+Traffic (GSM)+ Earphone
Mode 5	Adapter+Traffic (WCDMA)
Mode 6	Adapter+Traffic (LTE)

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED Mode 1

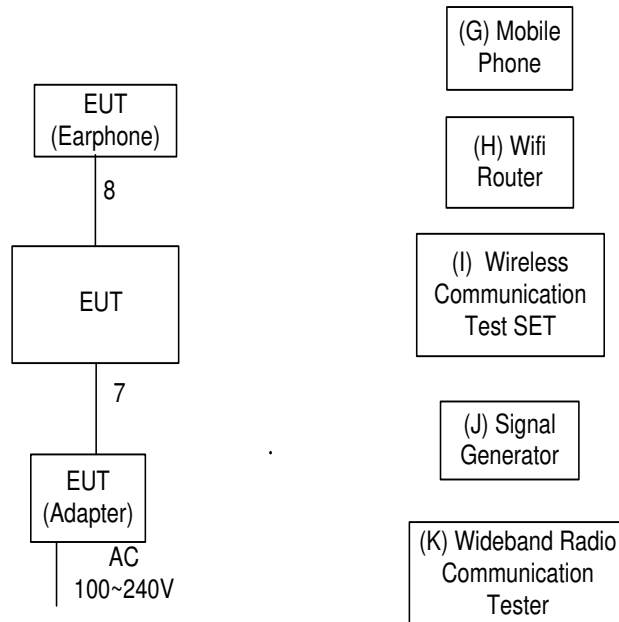


Ground plane

Remote System

■ Ferrite core

Mode 2-6



Ground plane

Remote System

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.
A	USB Keyboard	Dell	L100	DOC	CNORH6596589071T08NE
B	USB Mouse	Dell	MO56UOA	DOC	FQJ000BS
C	Printer	SII	DPU-414	DOC	3018507 B
D	Modem	ACEEX	DM-1414V	IFAXDM1414	0603002131
E	PC	Dell	DCSM 745	DOC	G7K832X
F	LCD monitor	Dell	E177FPC	DOC	CNOFJ179-64180-6AG-1WNS
G	Mobile phone	samsung	SGH-1747	A3LSGH1747	R31C208VLDB
H	Router	TP-LINK	TL-WR1041N	N/A	N/A
I	Wireless Communication Test SET	Agilent	(8960 Series)	N/A	MY48364183
J	Signal Generator	Agilent	E4438C	N/A	MY49071316
K	Wideband Radio Communication Tester	RS	CMW500	N/A	122125

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	1m	USB Cable
8	NO	NO	1.2m	Earphone Cable

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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	0052765	Mar. 27, 2017
2	LISN	R&S	ENV216	101447	Mar. 27, 2017
3	Test Cable	emci	RG223(9KHz-30MHz)	C_17	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESCI	100382	Mar. 27, 2017
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	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.

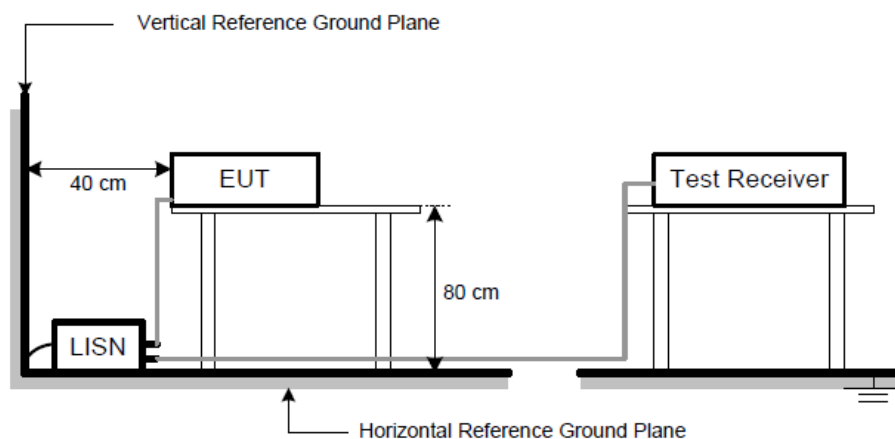
4.1.3 TEST PROCEDURE

- 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.
- 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.
- 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.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.
- First the whole spectrum of emission caused by equipment under test(EUT) is recorded with Detector set to peak. Peak value recorded in table if the margin from QP Limit is larger than 2dB, otherwise, QP value is recorded, Measuring frequency range from 150KHz to 30MHz.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 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.

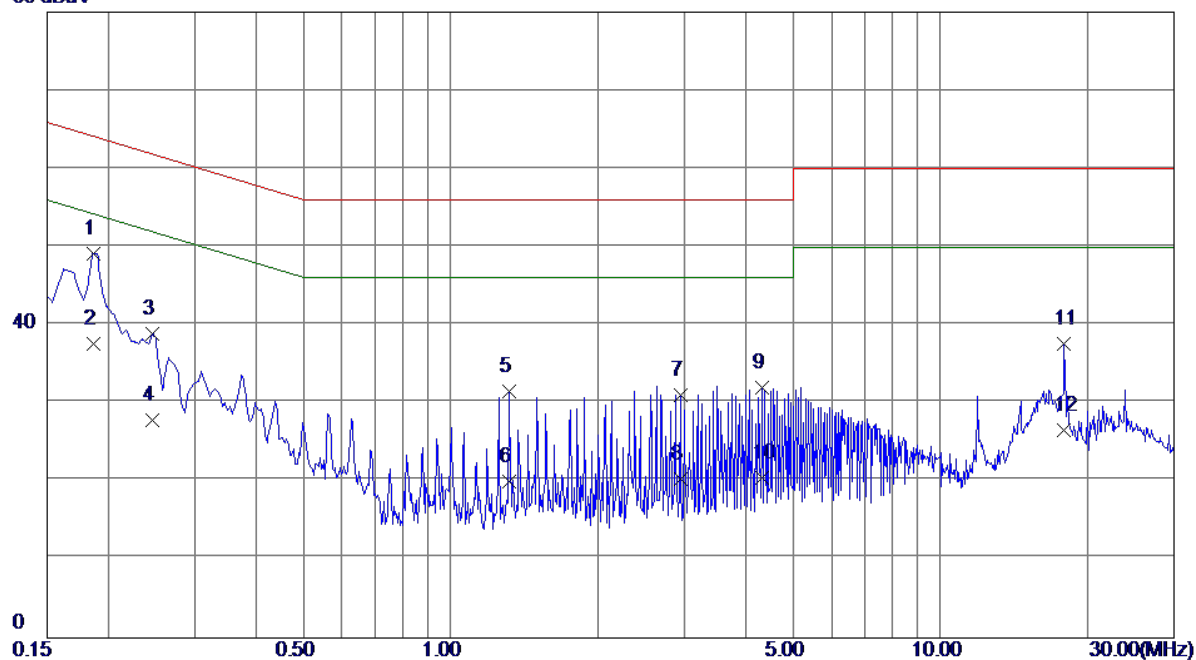
4.1.7 TEST RESULTS

Remark

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz, VBW =10KHz, Swp. Time = 0.3 sec./MHz.
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz, VBW=10KHz, Swp. Time =0.3 sec./MHz.
- (2) 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.

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

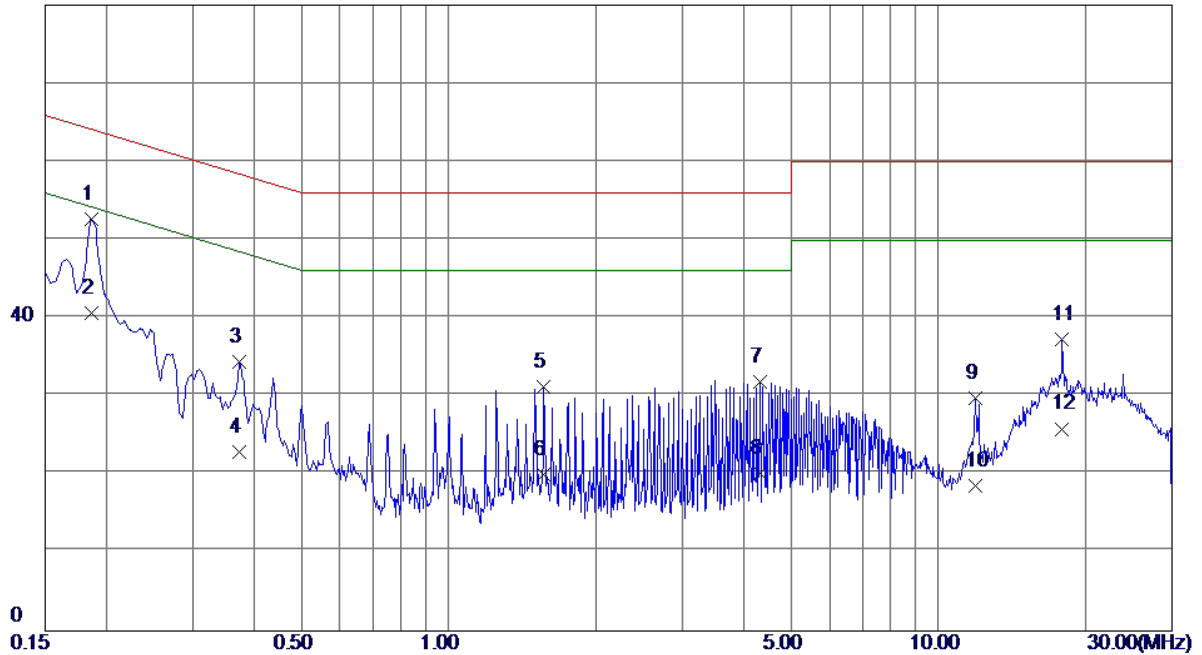
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1860	39.61	9.53	49.14	64.21	-15.07	QP
2	0.1860	28.14	9.53	37.67	54.21	-16.54	AVG
3	0.2460	29.38	9.53	38.91	61.89	-22.98	QP
4	0.2460	18.34	9.53	27.87	51.89	-24.02	AVG
5	1.3140	21.76	9.81	31.57	56.00	-24.43	QP
6	1.3140	10.14	9.81	19.95	46.00	-26.05	AVG
7	2.9420	21.02	10.09	31.11	56.00	-24.89	QP
8	2.9420	10.25	10.09	20.34	46.00	-25.66	AVG
9	4.3180	21.81	10.13	31.94	56.00	-24.06	QP
10	4.3180	10.38	10.13	20.51	46.00	-25.49	AVG
11	17.8740	27.28	10.38	37.66	60.00	-22.34	QP
12	17.8740	16.14	10.38	26.52	50.00	-23.48	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

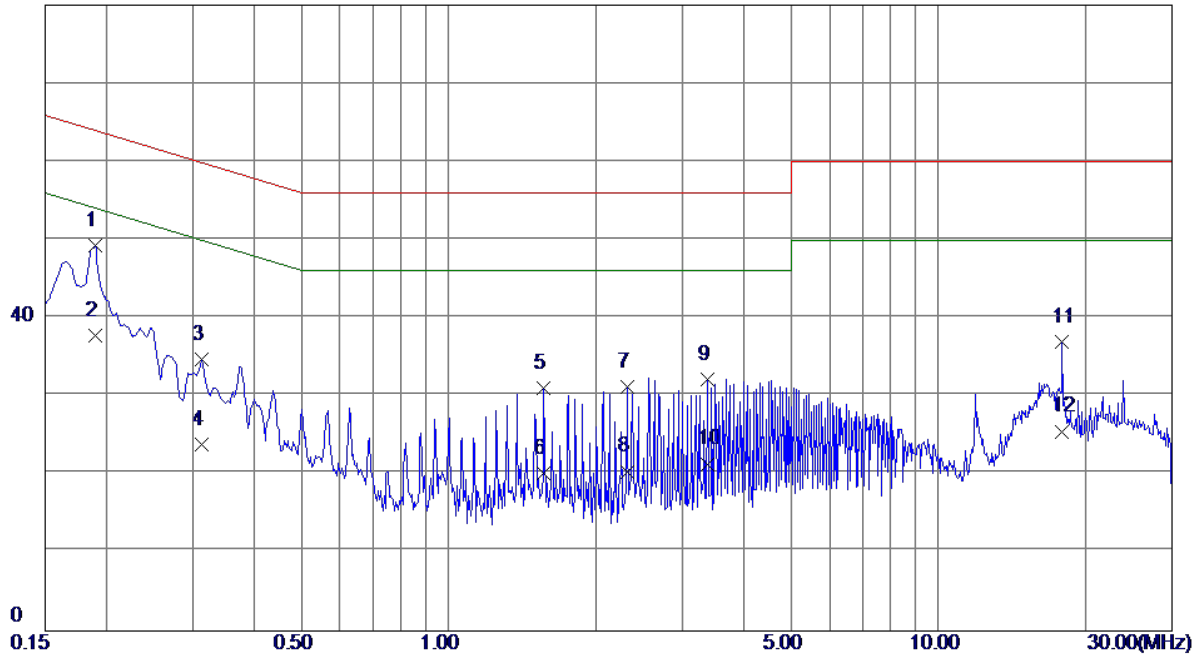
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1860	43.21	9.48	52.69	64.21	-11.52	QP
2	0.1860	31.13	9.48	40.61	54.21	-13.60	AVG
3	0.3740	24.95	9.49	34.44	58.41	-23.97	QP
4	0.3740	13.34	9.49	22.83	48.41	-25.58	AVG
5	1.5660	21.46	9.68	31.14	56.00	-24.86	QP
6	1.5660	10.25	9.68	19.93	46.00	-26.07	AVG
7	4.3180	21.99	9.92	31.91	56.00	-24.09	QP
8	4.3180	10.27	9.92	20.19	46.00	-25.81	AVG
9	11.9180	19.48	10.33	29.81	60.00	-30.19	QP
10	11.9180	8.25	10.33	18.58	50.00	-31.42	AVG
11	17.8779	26.80	10.44	37.24	60.00	-22.76	QP
12	17.8779	15.40	10.44	25.84	50.00	-24.16	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		

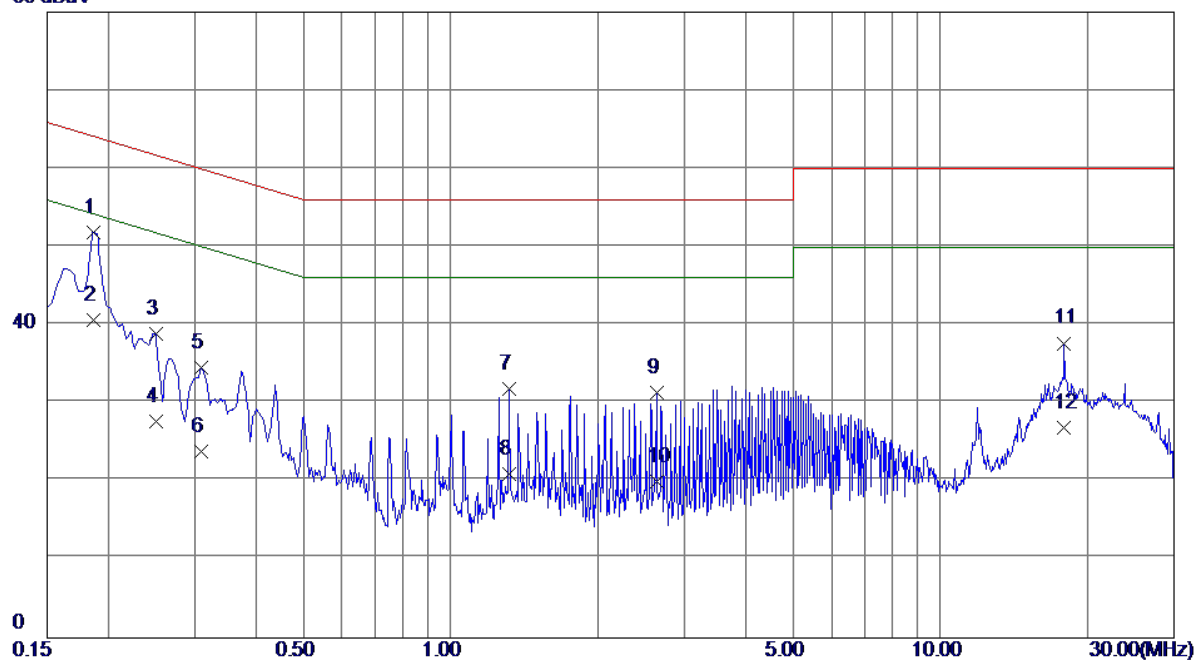
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1900	39.72	9.53	49.25	64.04	-14.79	QP
2	0.1900	28.23	9.53	37.76	54.04	-16.28	AVG
3	0.3140	25.22	9.53	34.75	59.86	-25.11	QP
4	0.3140	14.37	9.53	23.90	49.86	-25.96	AVG
5	1.5660	21.13	9.88	31.01	56.00	-24.99	QP
6	1.5660	10.34	9.88	20.22	46.00	-25.78	AVG
7	2.3179	21.12	10.02	31.14	56.00	-24.86	QP
8	2.3179	10.38	10.02	20.40	46.00	-25.60	AVG
9	3.3820	22.10	10.13	32.23	56.00	-23.77	QP
10	3.3820	11.23	10.13	21.36	46.00	-24.64	AVG
11	17.8740	26.58	10.38	36.96	60.00	-23.04	QP
12	17.8740	15.14	10.38	25.52	50.00	-24.48	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		

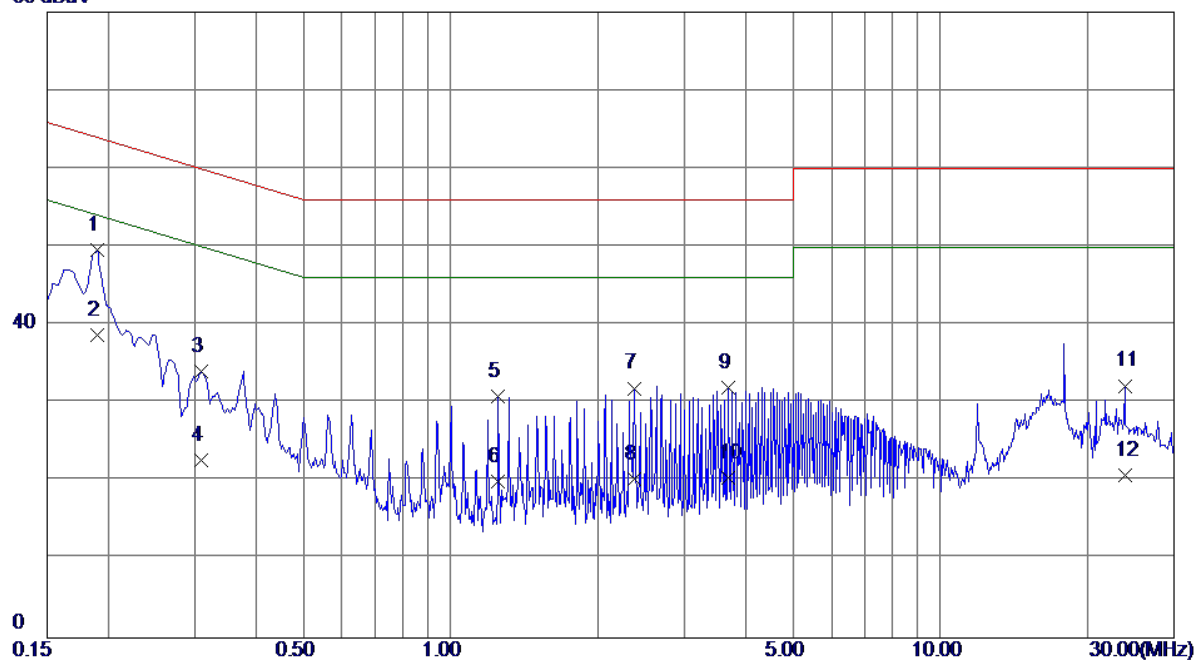
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1860	42.35	9.48	51.83	64.21	-12.38	QP
2	0.1860	31.23	9.48	40.71	54.21	-13.50	AVG
3	0.2500	29.37	9.53	38.90	61.76	-22.86	QP
4	0.2500	18.14	9.53	27.67	51.76	-24.09	AVG
5	0.3100	25.08	9.53	34.61	59.97	-25.36	QP
6	0.3100	14.25	9.53	23.78	49.97	-26.19	AVG
7	1.3140	22.18	9.67	31.85	56.00	-24.15	QP
8	1.3140	11.25	9.67	20.92	46.00	-25.08	AVG
9	2.6300	21.55	9.79	31.34	56.00	-24.66	QP
10	2.6300	10.23	9.79	20.02	46.00	-25.98	AVG
11	17.8740	27.24	10.44	37.68	60.00	-22.32	QP
12	17.8740	16.37	10.44	26.81	50.00	-23.19	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		

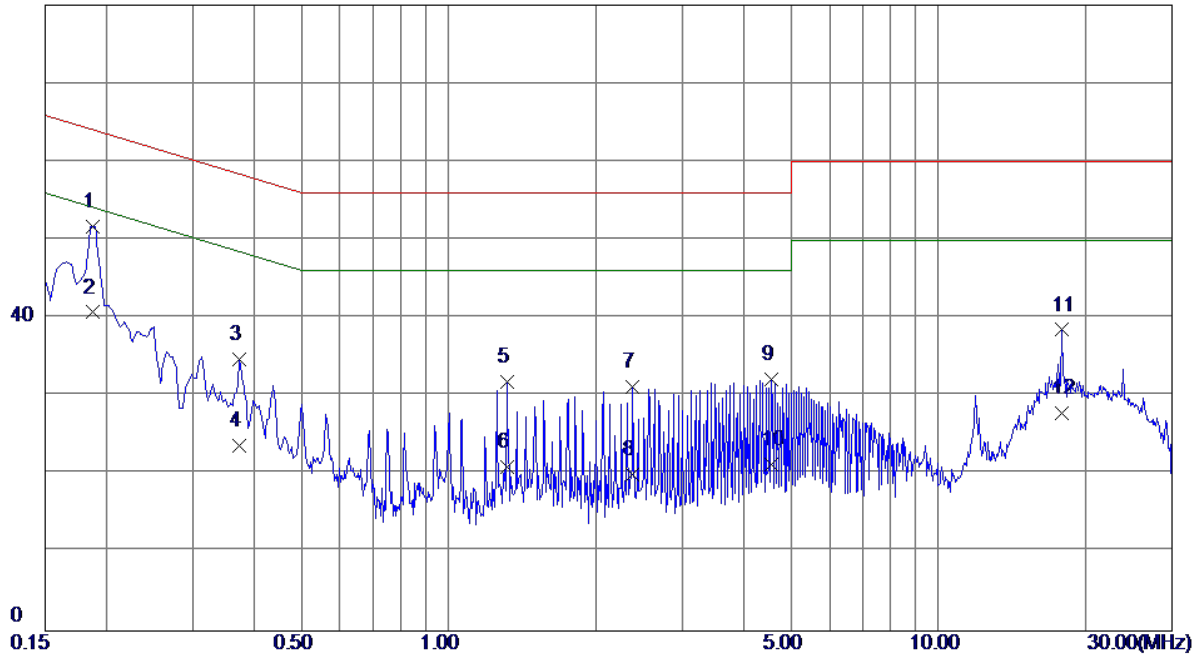
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1900	40.08	9.53	49.61	64.04	-14.43	QP
2	0.1900	29.14	9.53	38.67	54.04	-15.37	AVG
3	0.3100	24.61	9.53	34.14	59.97	-25.83	QP
4	0.3100	13.25	9.53	22.78	49.97	-27.19	AVG
5	1.2500	21.11	9.78	30.89	56.00	-25.11	QP
6	1.2500	10.29	9.78	20.07	46.00	-25.93	AVG
7	2.3780	21.88	10.04	31.92	56.00	-24.08	QP
8	2.3780	10.34	10.04	20.38	46.00	-25.62	AVG
9	3.6940	21.86	10.16	32.02	56.00	-23.98	QP
10	3.6940	10.26	10.16	20.42	46.00	-25.58	AVG
11	23.8340	21.85	10.39	32.24	60.00	-27.76	QP
12	23.8340	10.38	10.39	20.77	50.00	-29.23	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		

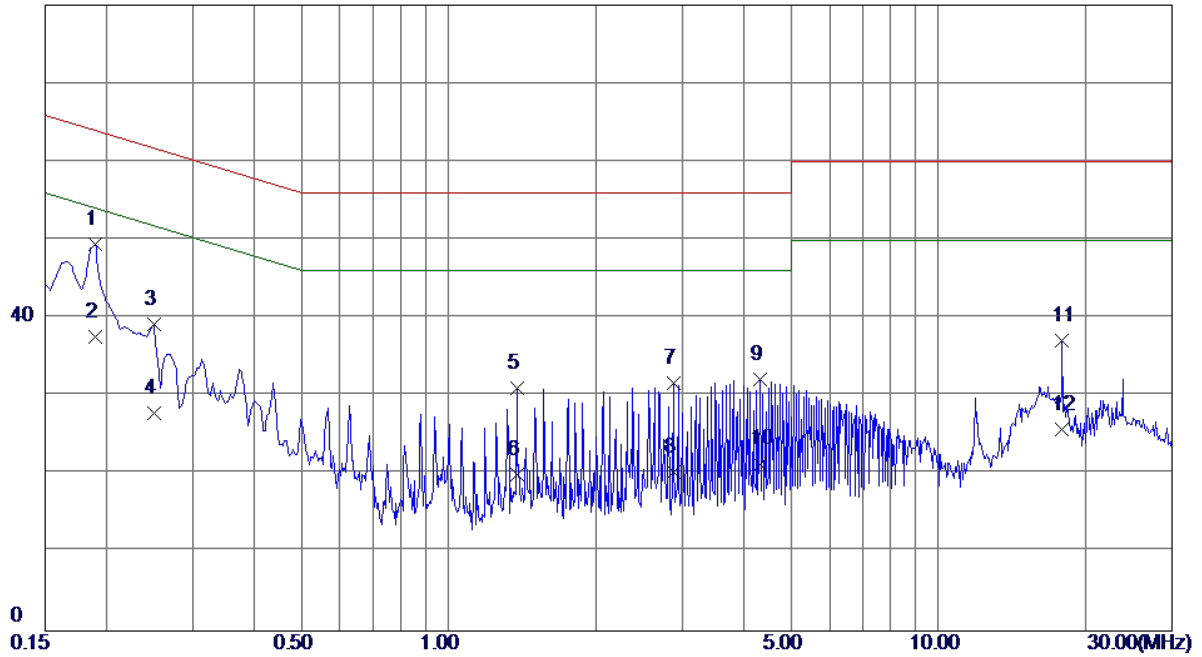
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1874	42.16	9.49	51.65	64.15	-12.50	QP
2	0.1874	31.23	9.49	40.72	54.15	-13.43	AVG
3	0.3740	25.20	9.49	34.69	58.41	-23.72	QP
4	0.3740	14.12	9.49	23.61	48.41	-24.80	AVG
5	1.3140	22.13	9.67	31.80	56.00	-24.20	QP
6	1.3140	11.25	9.67	20.92	46.00	-25.08	AVG
7	2.3780	21.41	9.77	31.18	56.00	-24.82	QP
8	2.3780	10.28	9.77	20.05	46.00	-25.95	AVG
9	4.5700	22.24	9.95	32.19	56.00	-23.81	QP
10	4.5700	11.38	9.95	21.33	46.00	-24.67	AVG
11	17.8740	28.04	10.44	38.48	60.00	-21.52	QP
12	17.8740	17.38	10.44	27.82	50.00	-22.18	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		

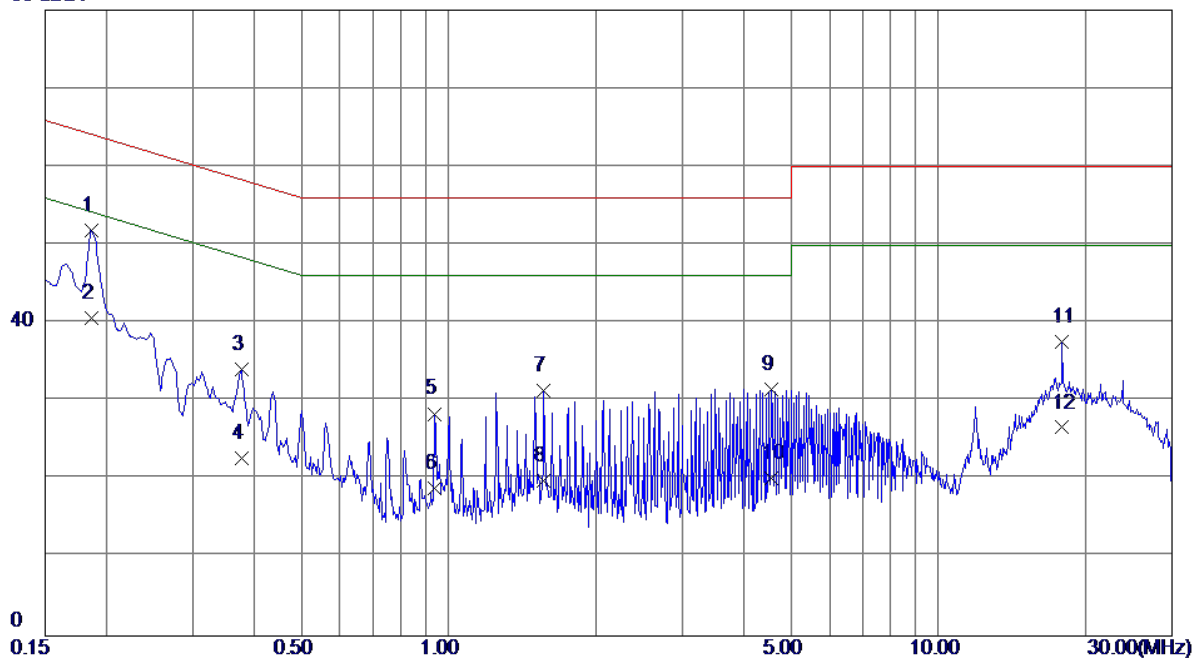
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1900	39.87	9.53	49.40	64.04	-14.64	QP
2	0.1900	28.14	9.53	37.67	54.04	-16.37	AVG
3	0.2500	29.74	9.53	39.27	61.76	-22.49	QP
4	0.2500	18.25	9.53	27.78	51.76	-23.98	AVG
5	1.3779	21.20	9.83	31.03	56.00	-24.97	QP
6	1.3779	10.23	9.83	20.06	46.00	-25.94	AVG
7	2.8780	21.52	10.09	31.61	56.00	-24.39	QP
8	2.8780	10.27	10.09	20.36	46.00	-25.64	AVG
9	4.3180	22.07	10.13	32.20	56.00	-23.80	QP
10	4.3180	11.23	10.13	21.36	46.00	-24.64	AVG
11	17.8740	26.77	10.38	37.15	60.00	-22.85	QP
12	17.8740	15.34	10.38	25.72	50.00	-24.28	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		

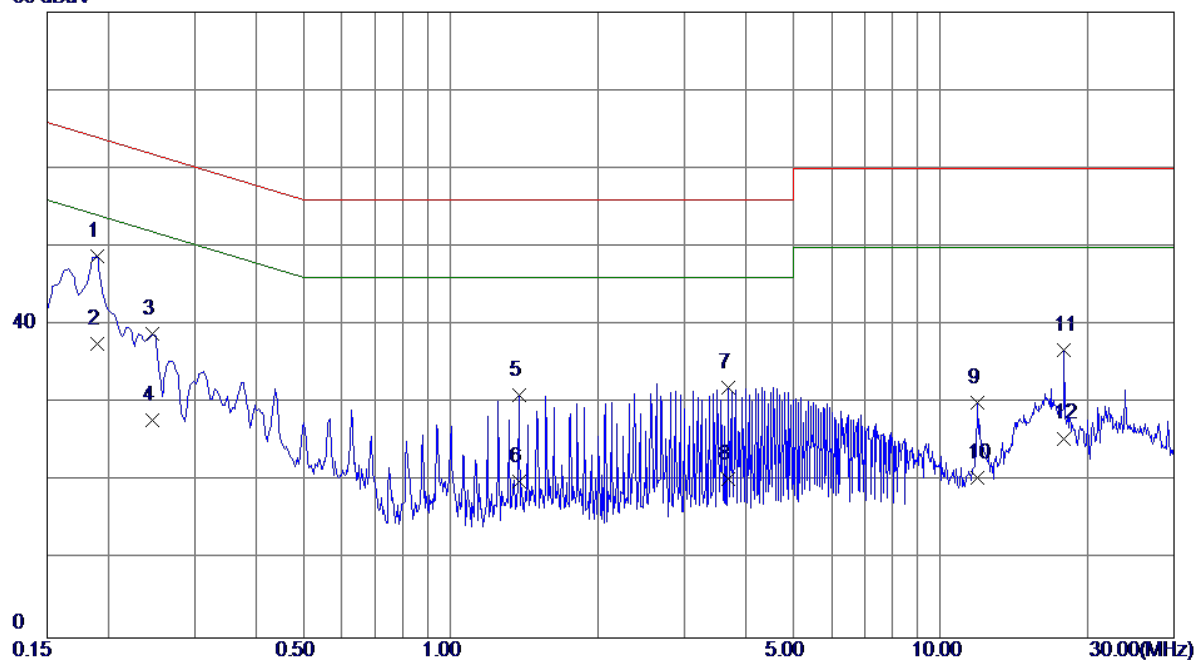
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1860	42.38	9.48	51.86	64.21	-12.35	QP
2	0.1860	31.23	9.48	40.71	54.21	-13.50	AVG
3	0.3780	24.56	9.48	34.04	58.32	-24.28	QP
4	0.3780	13.25	9.48	22.73	48.32	-25.59	AVG
5	0.9380	18.74	9.66	28.40	56.00	-27.60	QP
6	0.9380	9.25	9.66	18.91	46.00	-27.09	AVG
7	1.5660	21.74	9.68	31.42	56.00	-24.58	QP
8	1.5660	10.14	9.68	19.82	46.00	-26.18	AVG
9	4.5700	21.61	9.95	31.56	56.00	-24.44	QP
10	4.5700	10.23	9.95	20.18	46.00	-25.82	AVG
11	17.8779	27.11	10.44	37.55	60.00	-22.45	QP
12	17.8779	16.20	10.44	26.64	50.00	-23.36	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Pengyi+Battery:Sunwoda ATL+Earphone:Quancheng		
Test Engineer	Kevin Li		

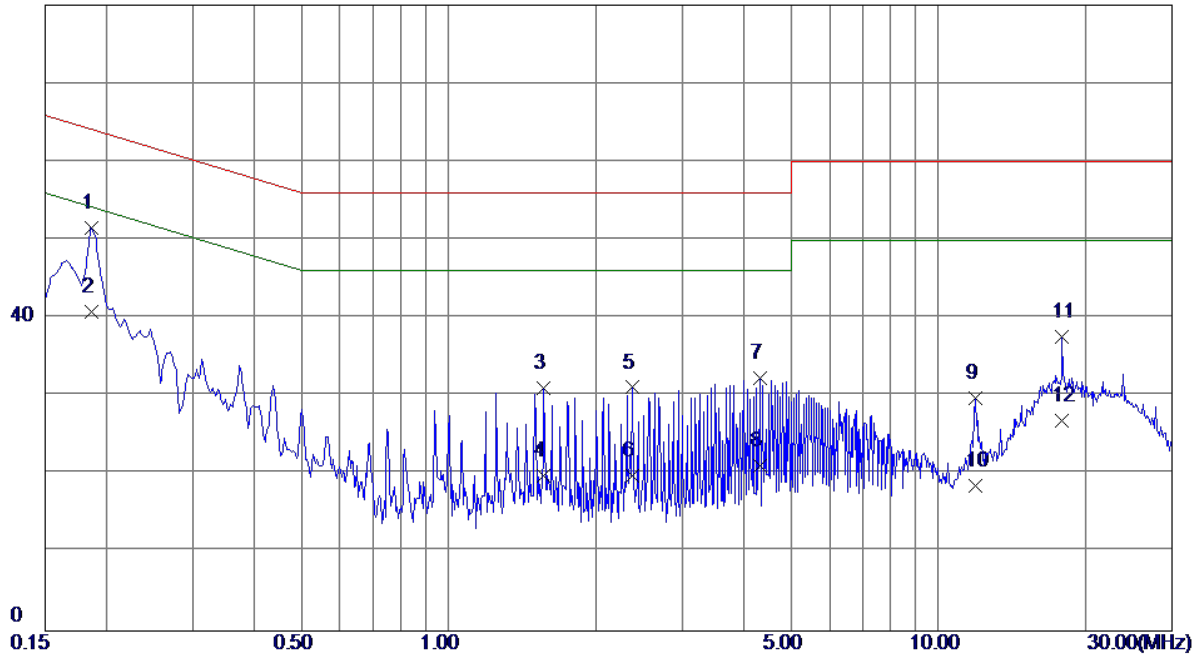
80 dBuV



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1900	39.34	9.53	48.87	64.04	-15.17	QP
2	0.1900	28.14	9.53	37.67	54.04	-16.37	AVG
3	0.2460	29.29	9.53	38.82	61.89	-23.07	QP
4	0.2460	18.25	9.53	27.78	51.89	-24.11	AVG
5	1.3779	21.23	9.83	31.06	56.00	-24.94	QP
6	1.3779	10.23	9.83	20.06	46.00	-25.94	AVG
7	3.6940	21.88	10.16	32.04	56.00	-23.96	QP
8	3.6940	10.23	10.16	20.39	46.00	-25.61	AVG
9	11.9180	19.84	10.27	30.11	60.00	-29.89	QP
10	11.9180	10.28	10.27	20.55	50.00	-29.45	AVG
11	17.8740	26.36	10.38	36.74	60.00	-23.26	QP
12	17.8740	15.14	10.38	25.52	50.00	-24.48	AVG

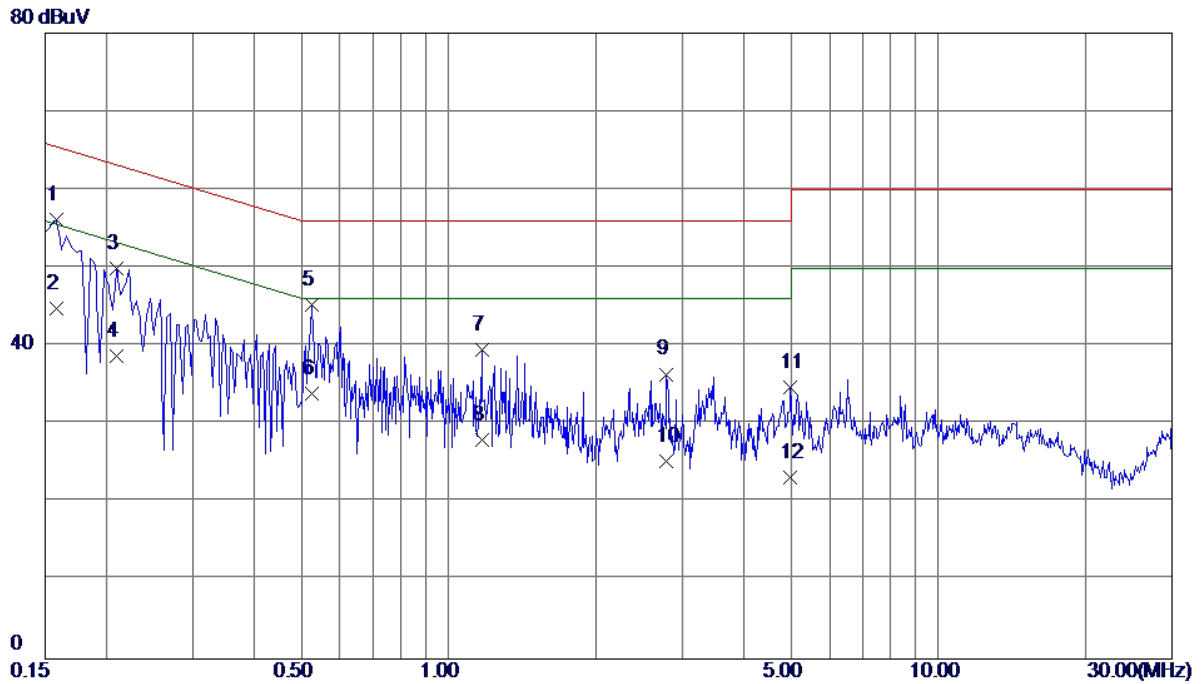
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Pengyi+Battery:Sunwoda ATL+Earphone:Quancheng		
Test Engineer	Kevin Li		

80 dBuV



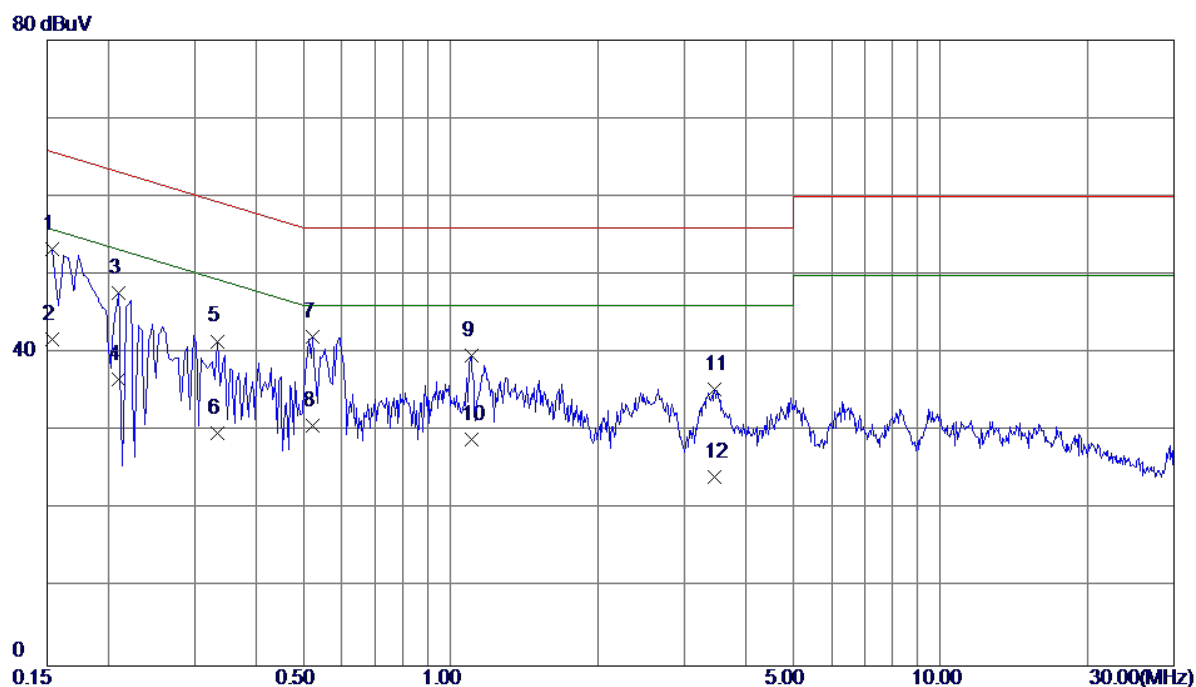
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1860	42.03	9.48	51.51	64.21	-12.70	QP
2	0.1860	31.25	9.48	40.73	54.21	-13.48	AVG
3	1.5660	21.32	9.68	31.00	56.00	-25.00	QP
4	1.5660	10.23	9.68	19.91	46.00	-26.09	AVG
5	2.3780	21.35	9.77	31.12	56.00	-24.88	QP
6	2.3780	10.14	9.77	19.91	46.00	-26.09	AVG
7	4.3180	22.39	9.92	32.31	56.00	-23.69	QP
8	4.3180	11.25	9.92	21.17	46.00	-24.83	AVG
9	11.9180	19.41	10.33	29.74	60.00	-30.26	QP
10	11.9180	8.23	10.33	18.56	50.00	-31.44	AVG
11	17.8740	27.15	10.44	37.59	60.00	-22.41	QP
12	17.8740	16.38	10.44	26.82	50.00	-23.18	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



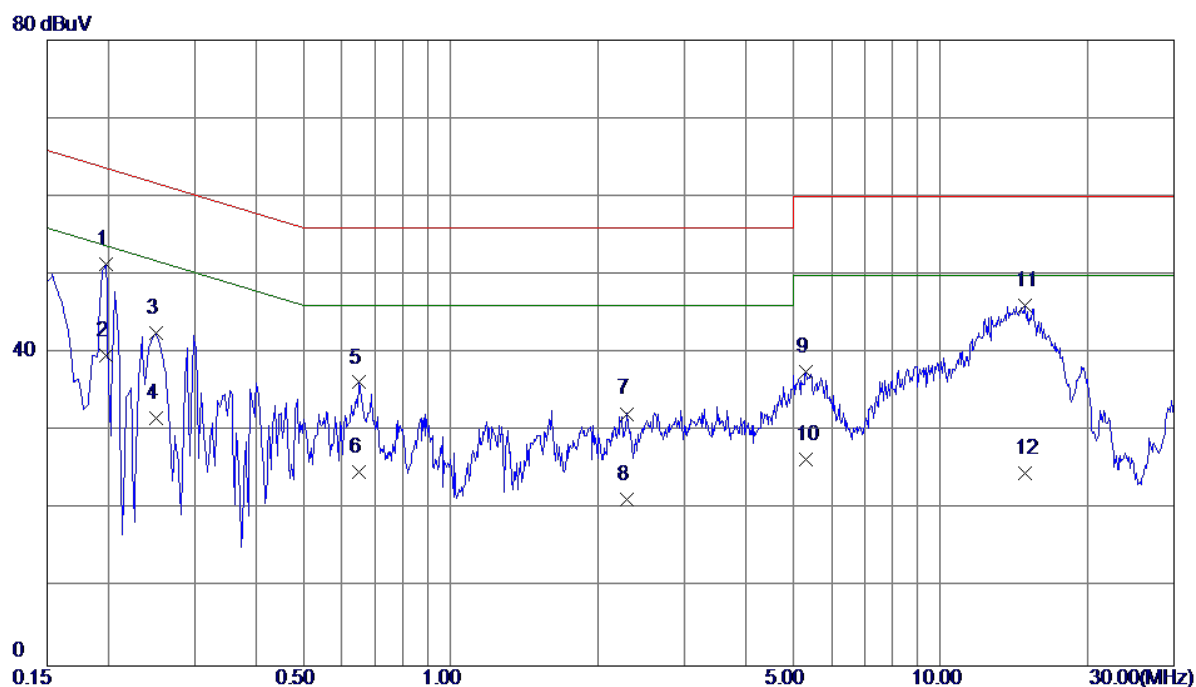
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1580	46.71	9.52	56.23	65.57	-9.34	QP
2	0.1580	35.23	9.52	44.75	55.57	-10.82	AVG
3	0.2100	40.37	9.53	49.90	63.21	-13.31	QP
4	0.2100	29.14	9.53	38.67	53.21	-14.54	AVG
5	0.5260	35.71	9.64	45.35	56.00	-10.65	QP
6	0.5260	24.34	9.64	33.98	46.00	-12.02	AVG
7	1.1700	29.76	9.76	39.52	56.00	-16.48	QP
8	1.1700	18.24	9.76	28.00	46.00	-18.00	AVG
9	2.7820	26.31	10.09	36.40	56.00	-19.60	QP
10	2.7820	15.23	10.09	25.32	46.00	-20.68	AVG
11	4.9860	24.71	9.99	34.70	56.00	-21.30	QP
12	4.9860	13.27	9.99	23.26	46.00	-22.74	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



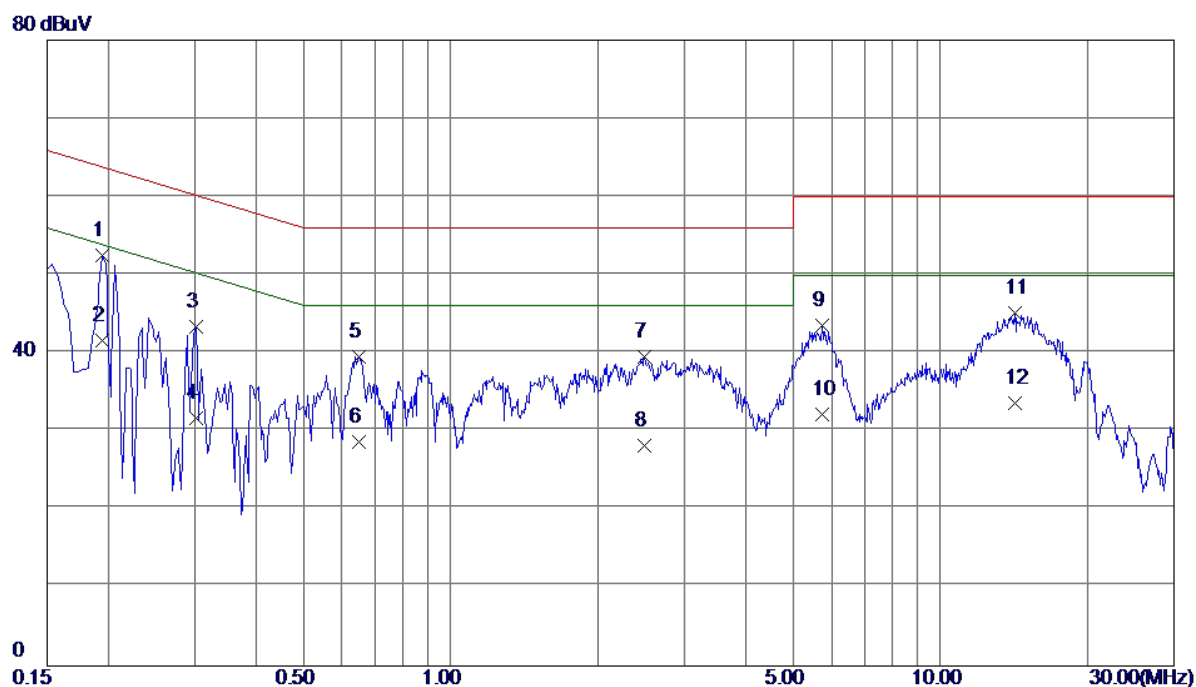
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1539	43.80	9.50	53.30	65.79	-12.49	QP
2	0.1539	32.23	9.50	41.73	55.79	-14.06	AVG
3	0.2100	38.18	9.53	47.71	63.21	-15.50	QP
4	0.2100	27.14	9.53	36.67	53.21	-16.54	AVG
5	0.3339	31.99	9.53	41.52	59.35	-17.83	QP
6	0.3339	20.25	9.53	29.78	49.35	-19.57	AVG
7	0.5220	32.68	9.44	42.12	56.00	-13.88	QP
8	0.5220	21.34	9.44	30.78	46.00	-15.22	AVG
9	1.1019	30.07	9.66	39.73	56.00	-16.27	QP
10	1.1019	19.25	9.66	28.91	46.00	-17.09	AVG
11	3.4620	25.56	9.84	35.40	56.00	-20.60	QP
12	3.4620	14.25	9.84	24.09	46.00	-21.91	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



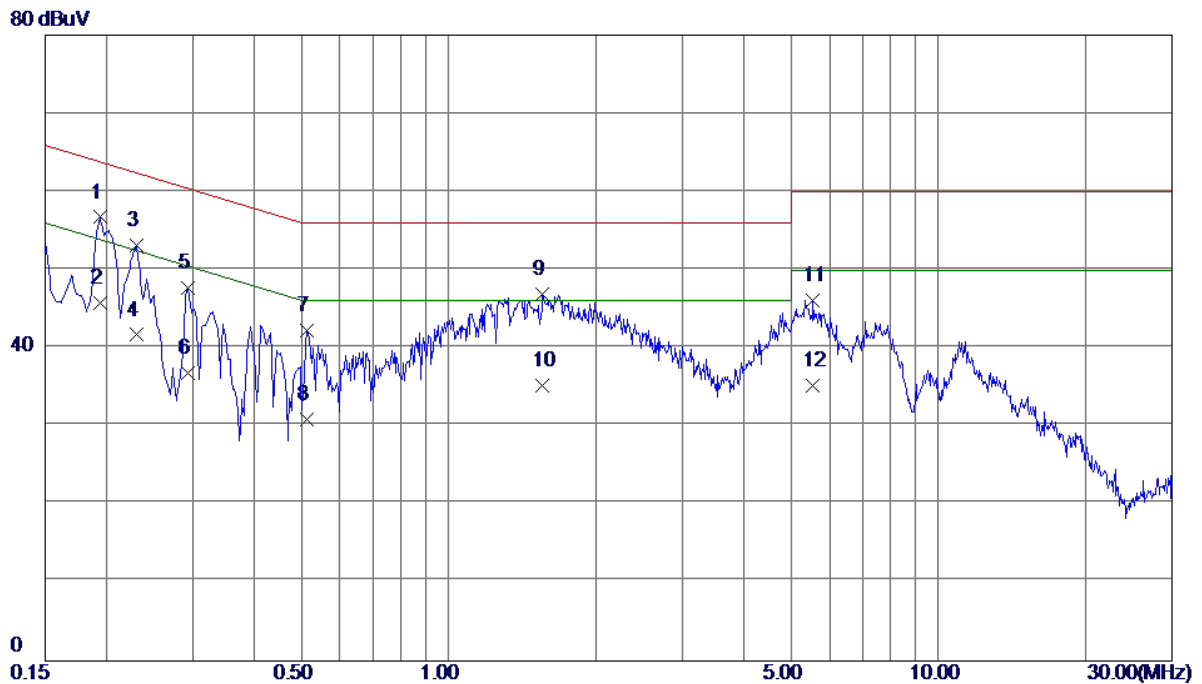
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1980	41.82	9.53	51.35	63.69	-12.34	QP
2	0.1980	30.23	9.53	39.76	53.69	-13.93	AVG
3	0.2500	33.04	9.53	42.57	61.76	-19.19	QP
4	0.2500	22.14	9.53	31.67	51.76	-20.09	AVG
5	0.6500	26.60	9.64	36.24	56.00	-19.76	QP
6	0.6500	15.23	9.64	24.87	46.00	-21.13	AVG
7	2.2860	22.24	10.00	32.24	56.00	-23.76	QP
8	2.2860	11.23	10.00	21.23	46.00	-24.77	AVG
9	5.3060	27.56	10.01	37.57	60.00	-22.43	QP
10	5.3060	16.35	10.01	26.36	50.00	-23.64	AVG
11	14.8820	35.70	10.36	46.06	60.00	-13.94	QP
12	14.8820	14.23	10.36	24.59	50.00	-25.41	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



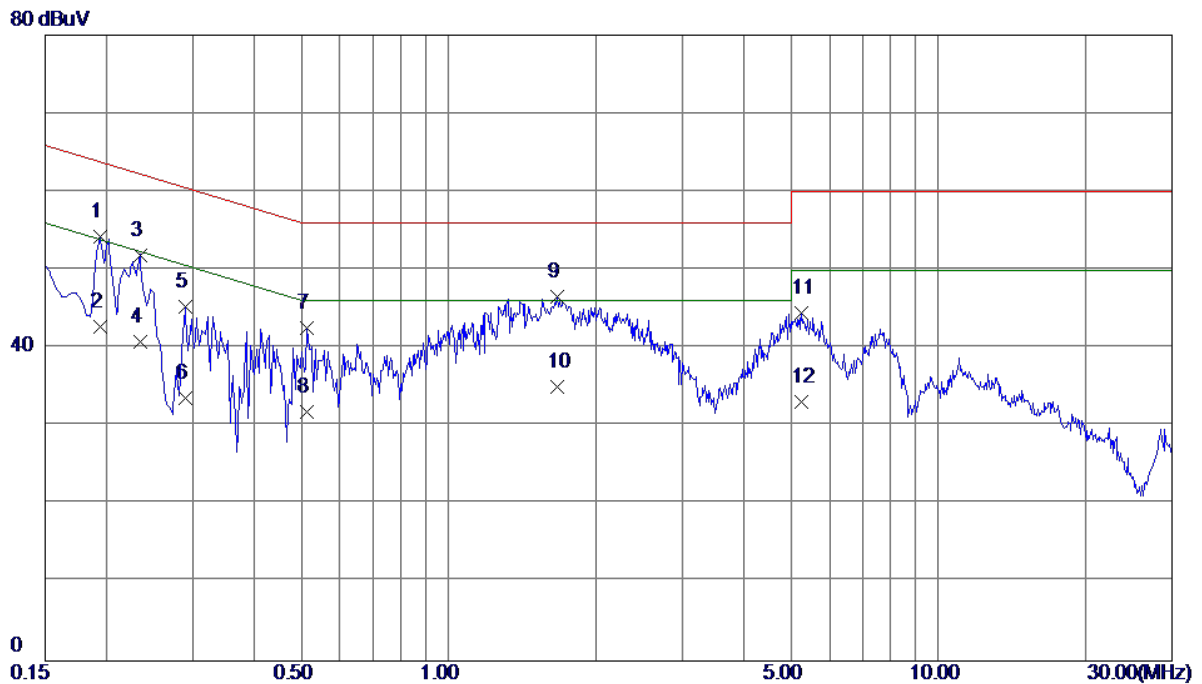
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1940	43.02	9.51	52.53	63.86	-11.33	QP
2	0.1940	32.12	9.51	41.63	53.86	-12.23	AVG
3	0.3020	33.83	9.53	43.36	60.19	-16.83	QP
4	0.3020	22.14	9.53	31.67	50.19	-18.52	AVG
5	0.6500	30.06	9.44	39.50	56.00	-16.50	QP
6	0.6500	19.25	9.44	28.69	46.00	-17.31	AVG
7	2.4900	29.73	9.79	39.52	56.00	-16.48	QP
8	2.4900	18.34	9.79	28.13	46.00	-17.87	AVG
9	5.7260	33.50	9.98	43.48	60.00	-16.52	QP
10	5.7260	22.13	9.98	32.11	50.00	-17.89	AVG
11	14.1780	34.73	10.35	45.08	60.00	-14.92	QP
12	14.1780	23.25	10.35	33.60	50.00	-16.40	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



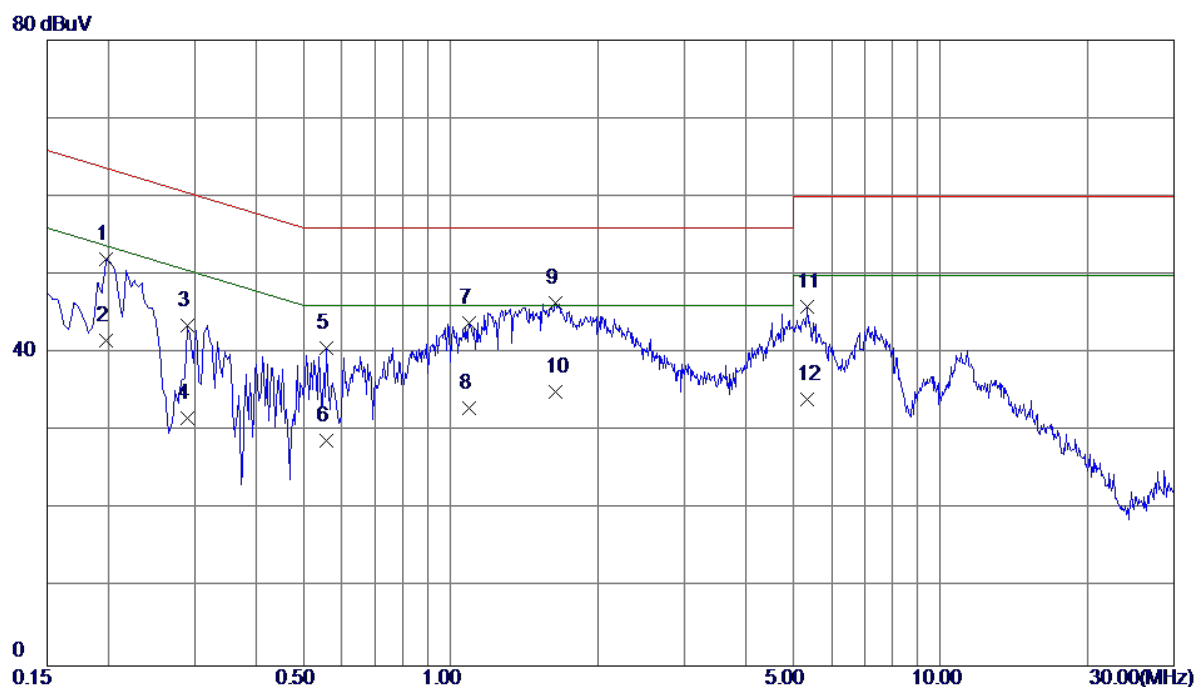
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1940	47.19	9.53	56.72	63.86	-7.14	QP
2	0.1940	36.23	9.53	45.76	53.86	-8.10	AVG
3	0.2300	43.54	9.53	53.07	62.45	-9.38	QP
4	0.2300	32.15	9.53	41.68	52.45	-10.77	AVG
5	0.2940	38.20	9.53	47.73	60.41	-12.68	QP
6	0.2940	27.34	9.53	36.87	50.41	-13.54	AVG
7	0.5140	32.65	9.64	42.29	56.00	-13.71	QP
8	0.5140	21.25	9.64	30.89	46.00	-15.11	AVG
9	1.5540	36.95	9.88	46.83	56.00	-9.17	QP
10	1.5540	25.34	9.88	35.22	46.00	-10.78	AVG
11	5.5500	36.08	10.03	46.11	60.00	-13.89	QP
12	5.5500	25.13	10.03	35.16	50.00	-14.84	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1940	44.66	9.51	54.17	63.86	-9.69	QP
2	0.1940	33.23	9.51	42.74	53.86	-11.12	AVG
3	0.2341	42.38	9.53	51.91	62.30	-10.39	QP
4	0.2341	31.25	9.53	40.78	52.30	-11.52	AVG
5	0.2900	35.71	9.53	45.24	60.52	-15.28	QP
6	0.2900	24.12	9.53	33.65	50.52	-16.87	AVG
7	0.5140	33.06	9.44	42.50	56.00	-13.50	QP
8	0.5140	22.35	9.44	31.79	46.00	-14.21	AVG
9 *	1.6700	36.83	9.68	46.51	56.00	-9.49	QP
10	1.6700	25.37	9.68	35.05	46.00	-10.95	AVG
11	5.2500	34.44	9.98	44.42	60.00	-15.58	QP
12	5.2500	23.13	9.98	33.11	50.00	-16.89	AVG

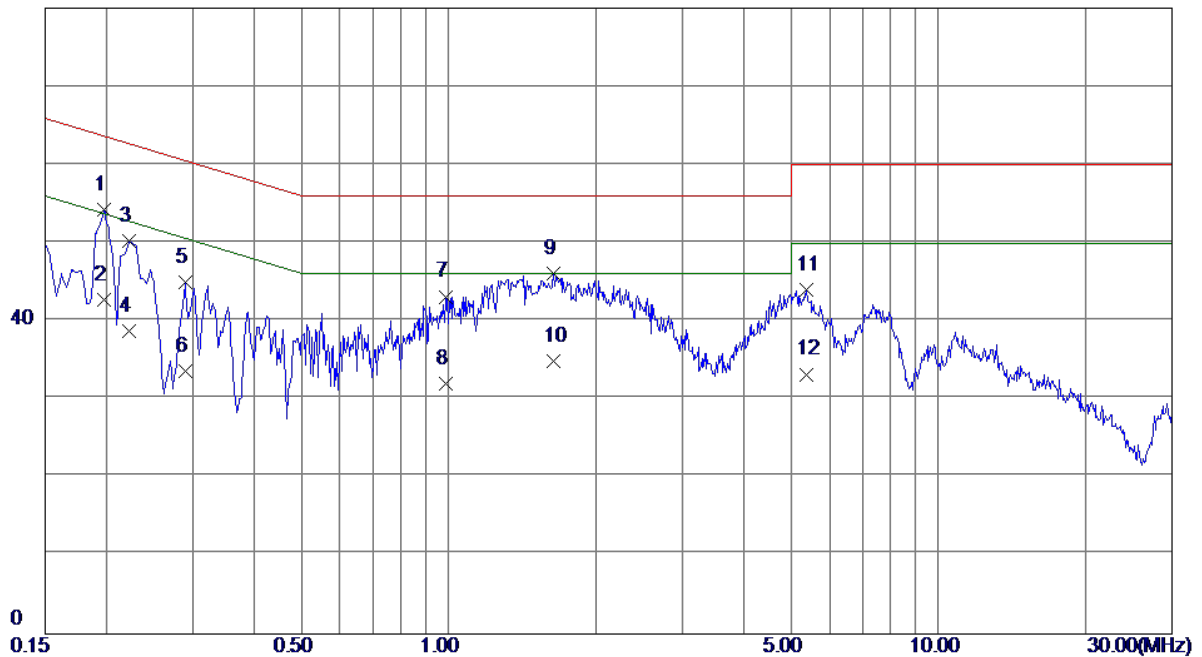
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1980	42.54	9.53	52.07	63.69	-11.62	QP
2	0.1980	32.02	9.53	41.55	53.69	-12.14	AVG
3	0.2900	33.98	9.53	43.51	60.52	-17.01	QP
4	0.2900	22.14	9.53	31.67	50.52	-18.85	AVG
5	0.5580	30.97	9.64	40.61	56.00	-15.39	QP
6	0.5580	19.23	9.64	28.87	46.00	-17.13	AVG
7	1.0900	34.12	9.76	43.88	56.00	-12.12	QP
8	1.0900	23.14	9.76	32.90	46.00	-13.10	AVG
9 *	1.6420	36.48	9.88	46.36	56.00	-9.64	QP
10	1.6420	25.23	9.88	35.11	46.00	-10.89	AVG
11	5.3340	35.89	10.02	45.91	60.00	-14.09	QP
12	5.3340	24.12	10.02	34.14	50.00	-15.86	AVG

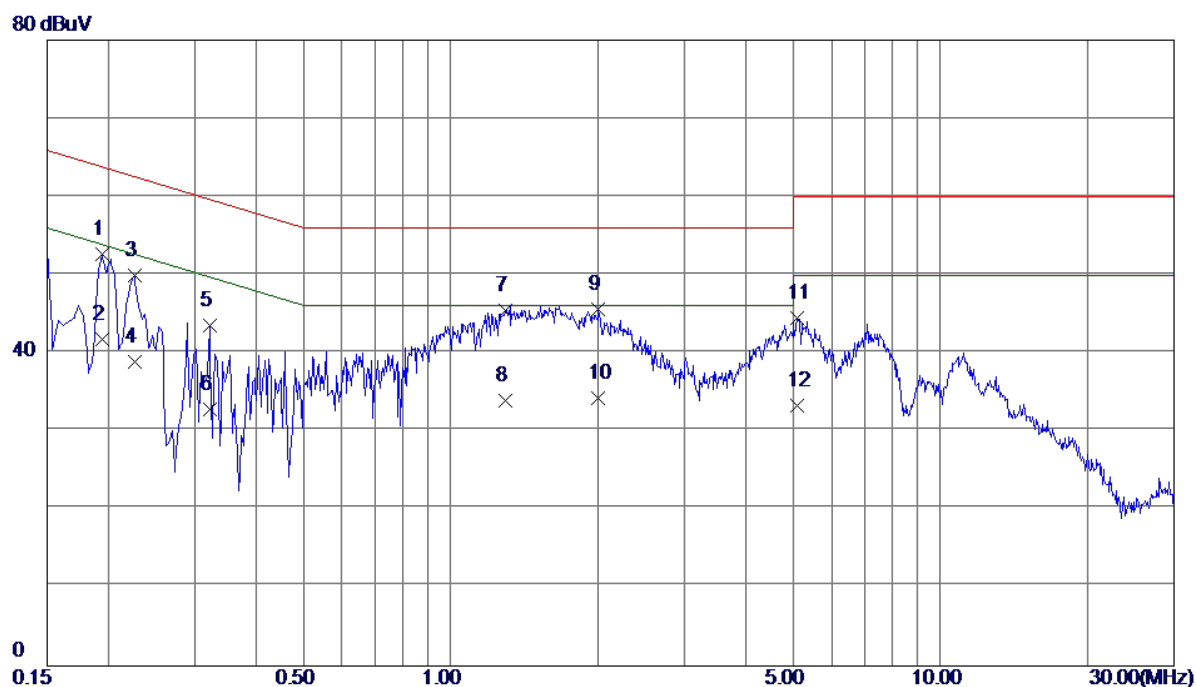
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV



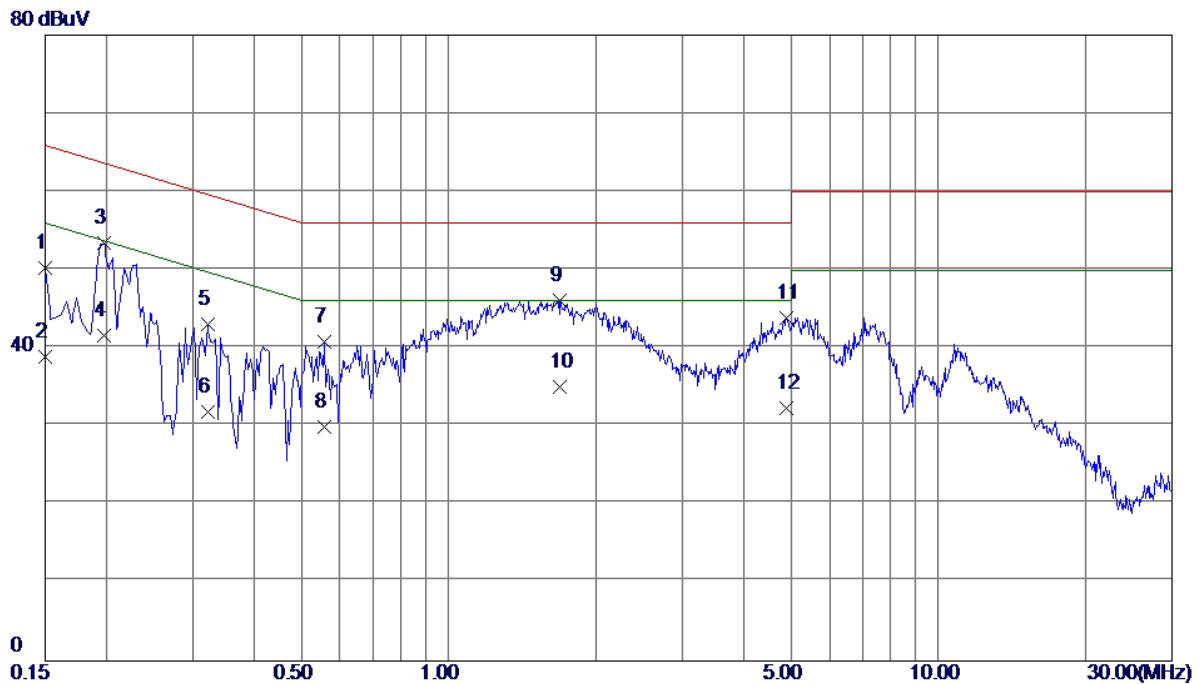
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1 *	0.1980	44.73	9.52	54.25	63.69	-9.44	QP
2	0.1980	33.23	9.52	42.75	53.69	-10.94	AVG
3	0.2220	40.64	9.53	50.17	62.74	-12.57	QP
4	0.2220	29.14	9.53	38.67	52.74	-14.07	AVG
5	0.2900	35.41	9.53	44.94	60.52	-15.58	QP
6	0.2900	24.12	9.53	33.65	50.52	-16.87	AVG
7	0.9860	33.46	9.66	43.12	56.00	-12.88	QP
8	0.9860	22.38	9.66	32.04	46.00	-13.96	AVG
9	1.6420	36.41	9.68	46.09	56.00	-9.91	QP
10	1.6420	25.14	9.68	34.82	46.00	-11.18	AVG
11	5.3780	34.07	9.98	44.05	60.00	-15.95	QP
12	5.3780	23.22	9.98	33.20	50.00	-16.80	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



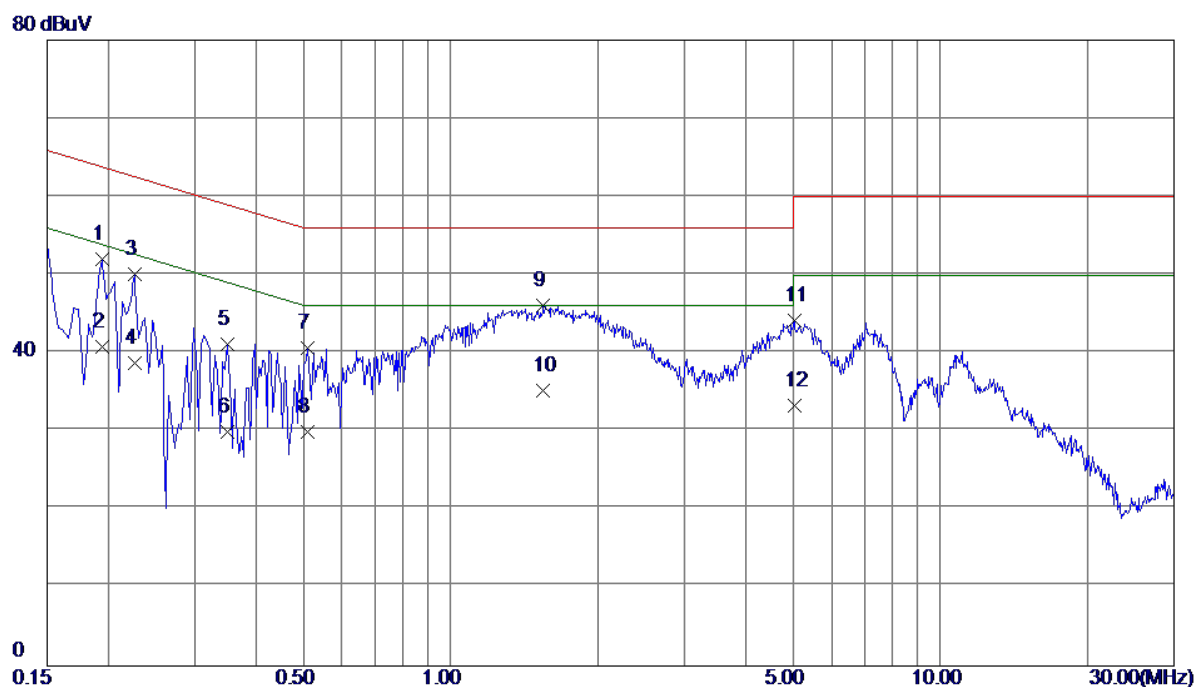
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1940	43.15	9.53	52.68	63.86	-11.18	QP
2	0.1940	32.23	9.53	41.76	53.86	-12.10	AVG
3	0.2260	40.34	9.53	49.87	62.60	-12.73	QP
4	0.2260	29.32	9.53	38.85	52.60	-13.75	AVG
5	0.3220	34.03	9.53	43.56	59.66	-16.10	QP
6	0.3220	23.25	9.53	32.78	49.66	-16.88	AVG
7	1.2940	35.68	9.80	45.48	56.00	-10.52	QP
8	1.2940	24.12	9.80	33.92	46.00	-12.08	AVG
9 *	2.0020	35.77	9.89	45.66	56.00	-10.34	QP
10	2.0020	24.28	9.89	34.17	46.00	-11.83	AVG
11	5.0900	34.54	10.00	44.54	60.00	-15.46	QP
12	5.0900	23.22	10.00	33.22	50.00	-16.78	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



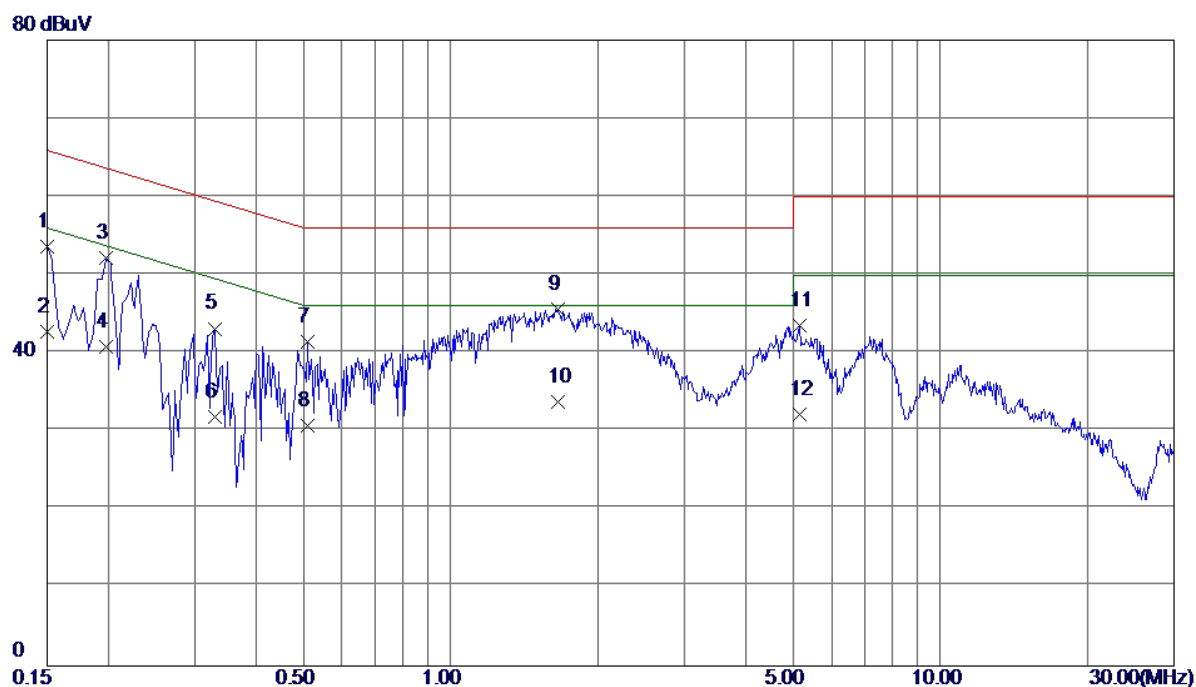
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1500	40.71	9.52	50.23	66.00	-15.77	QP
2	0.1500	29.34	9.52	38.86	56.00	-17.14	AVG
3	0.1980	43.85	9.53	53.38	63.69	-10.31	QP
4	0.1980	32.12	9.53	41.65	53.69	-12.04	AVG
5	0.3220	33.48	9.53	43.01	59.66	-16.65	QP
6	0.3220	22.38	9.53	31.91	49.66	-17.75	AVG
7	0.5580	31.11	9.64	40.75	56.00	-15.25	QP
8	0.5580	20.25	9.64	29.89	46.00	-16.11	AVG
9 *	1.6900	36.16	9.88	46.04	56.00	-9.96	QP
10	1.6900	25.14	9.88	35.02	46.00	-10.98	AVG
11	4.9060	33.79	10.01	43.80	56.00	-12.20	QP
12	4.9060	22.38	10.01	32.39	46.00	-13.61	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



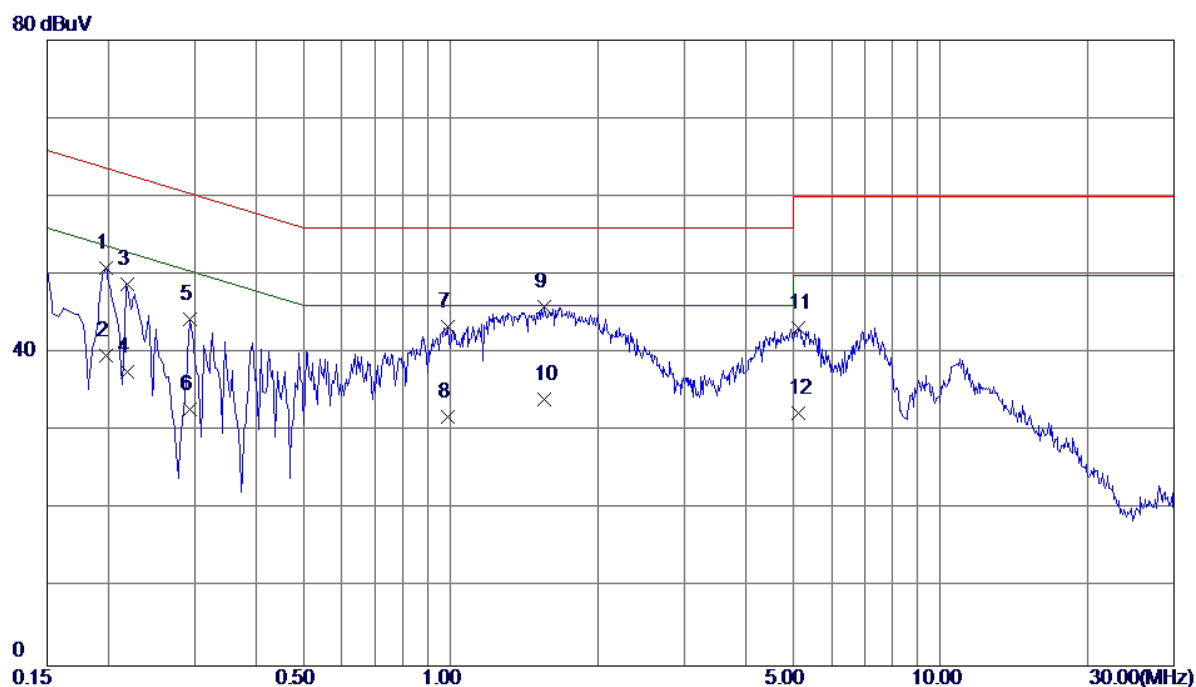
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1940	42.50	9.53	52.03	63.86	-11.83	QP
2	0.1940	31.23	9.53	40.76	53.86	-13.10	AVG
3	0.2260	40.59	9.53	50.12	62.60	-12.48	QP
4	0.2260	29.14	9.53	38.67	52.60	-13.93	AVG
5	0.3500	31.58	9.53	41.11	58.96	-17.85	QP
6	0.3500	20.38	9.53	29.91	48.96	-19.05	AVG
7	0.5100	31.00	9.64	40.64	56.00	-15.36	QP
8	0.5100	20.25	9.64	29.89	46.00	-16.11	AVG
9 *	1.5460	36.18	9.88	46.06	56.00	-9.94	QP
10	1.5460	25.27	9.88	35.15	46.00	-10.85	AVG
11	5.0260	34.14	9.99	44.13	60.00	-15.87	QP
12	5.0260	23.28	9.99	33.27	50.00	-16.73	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



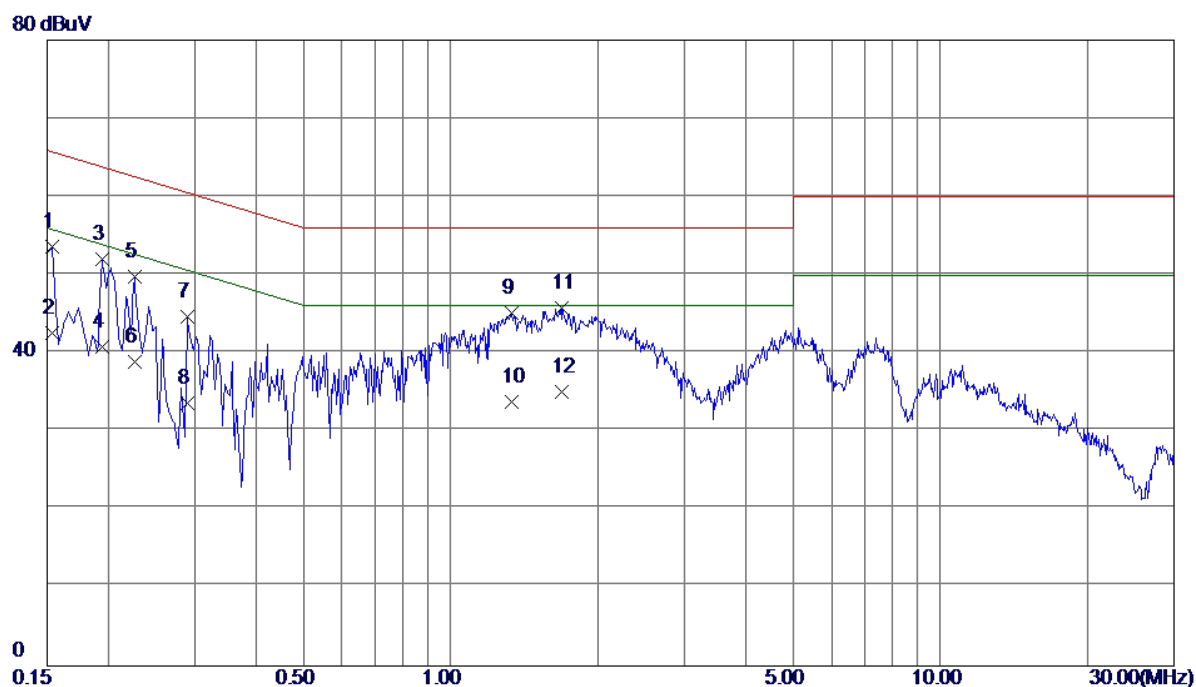
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1500	44.15	9.52	53.67	66.00	-12.33	QP
2	0.1500	33.23	9.52	42.75	56.00	-13.25	AVG
3	0.1980	42.64	9.52	52.16	63.69	-11.53	QP
4	0.1980	31.25	9.52	40.77	53.69	-12.92	AVG
5	0.3300	33.59	9.53	43.12	59.45	-16.33	QP
6	0.3300	22.38	9.53	31.91	49.45	-17.54	AVG
7	0.5100	31.94	9.44	41.38	56.00	-14.62	QP
8	0.5100	21.34	9.44	30.78	46.00	-15.22	AVG
9 *	1.6540	35.98	9.68	45.66	56.00	-10.34	QP
10	1.6540	24.12	9.68	33.80	46.00	-12.20	AVG
11	5.1660	33.56	9.99	43.55	60.00	-16.45	QP
12	5.1660	22.19	9.99	32.18	50.00	-17.82	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1980	41.40	9.53	50.93	63.69	-12.76	QP
2	0.1980	30.23	9.53	39.76	53.69	-13.93	AVG
3	0.2180	39.28	9.53	48.81	62.89	-14.08	QP
4	0.2180	28.14	9.53	37.67	52.89	-15.22	AVG
5	0.2940	34.86	9.53	44.39	60.41	-16.02	QP
6	0.2940	23.25	9.53	32.78	50.41	-17.63	AVG
7	0.9860	33.66	9.76	43.42	56.00	-12.58	QP
8	0.9860	22.12	9.76	31.88	46.00	-14.12	AVG
9 *	1.5540	35.99	9.88	45.87	56.00	-10.13	QP
10	1.5540	24.15	9.88	34.03	46.00	-11.97	AVG
11	5.1340	33.23	10.00	43.23	60.00	-16.77	QP
12	5.1340	22.34	10.00	32.34	50.00	-17.66	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:Phitek+USB Cable:Liansheng+Battery: Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1539	44.04	9.50	53.54	65.79	-12.25	QP
2	0.1539	33.12	9.50	42.62	55.79	-13.17	AVG
3	0.1940	42.45	9.51	51.96	63.86	-11.90	QP
4	0.1940	31.25	9.51	40.76	53.86	-13.10	AVG
5	0.2260	40.30	9.53	49.83	62.60	-12.77	QP
6	0.2260	29.34	9.53	38.87	52.60	-13.73	AVG
7	0.2900	35.07	9.53	44.60	60.52	-15.92	QP
8	0.2900	24.12	9.53	33.65	50.52	-16.87	AVG
9	1.3340	35.45	9.67	45.12	56.00	-10.88	QP
10	1.3340	24.12	9.67	33.79	46.00	-12.21	AVG
11 *	1.6900	36.05	9.68	45.73	56.00	-10.27	QP
12	1.6900	25.38	9.68	35.06	46.00	-10.94	AVG

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

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
- (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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
4	Test Cable	emci	LMR-400(30MHz-1GHz)	C-01	Jun. 27, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 11, 2016
10	Test Cable	emci	EMC104-SM-SM-100 00(1GHz – 26.5GHz)	C-68	Jun. 27, 2017
11	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	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.

4.2.3 TEST PROCEDURE

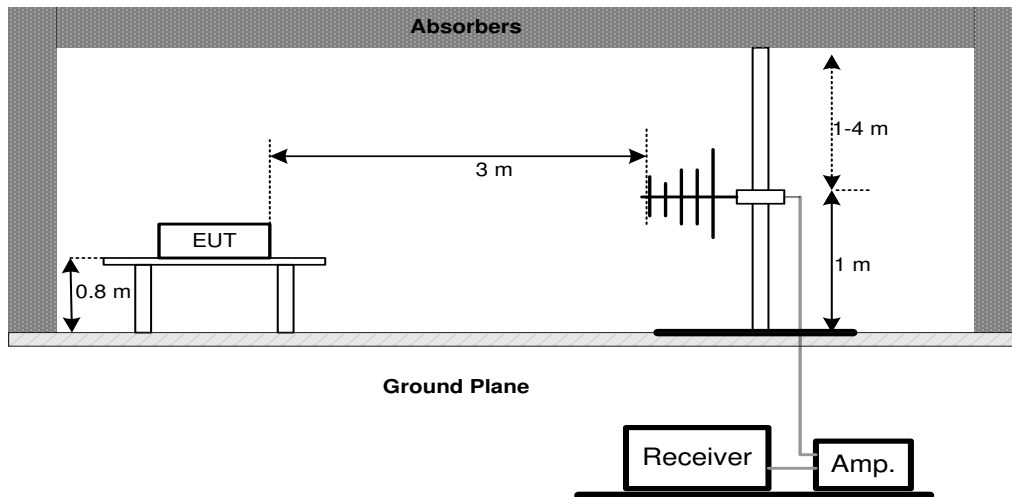
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter 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 radiated 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 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. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. 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, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.4 DEVIATION FROM TEST STANDARD

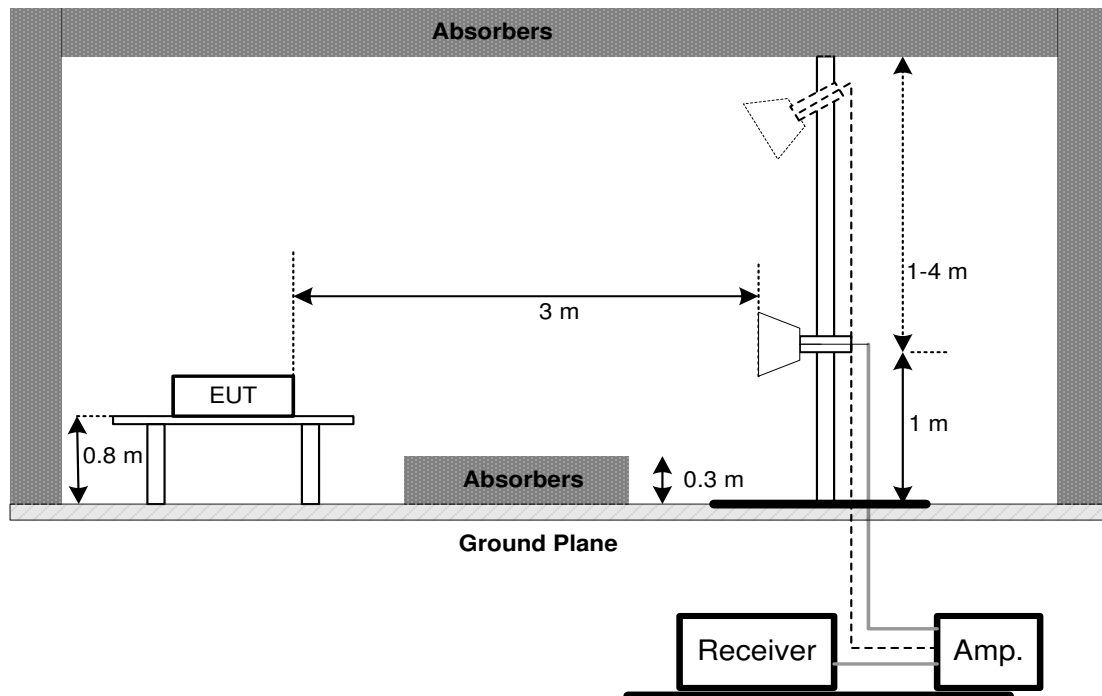
No deviation

4.2.5 TEST SETUP

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



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



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** unless otherwise a special operating condition is specified in the follows during the testing.

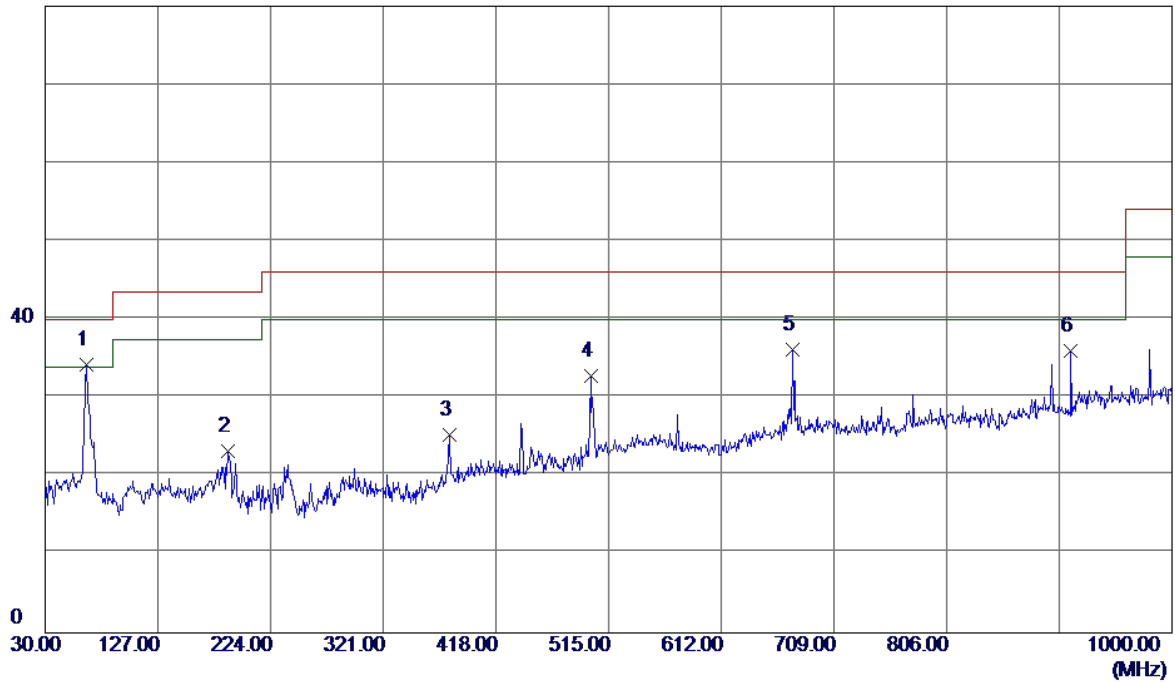
4.2.7 TEST RESULTS-BELOW 1GHZ

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) Measuring frequency range from 30MHz to 1000MHz ◦
- (3) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

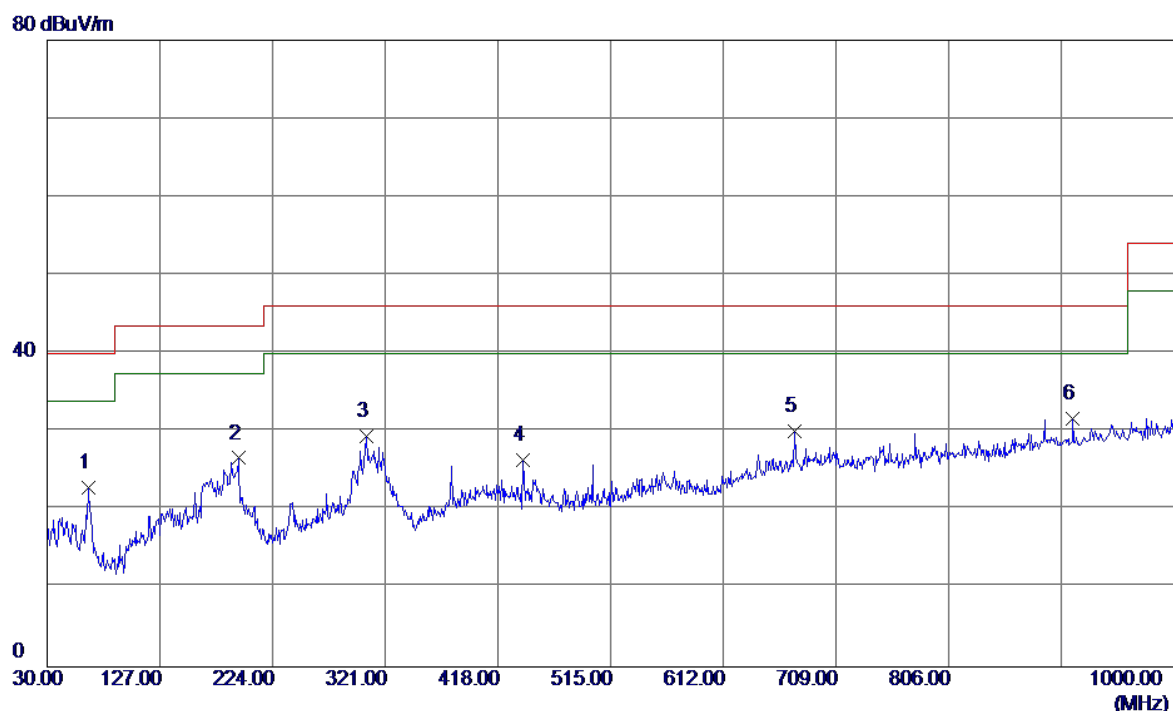
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



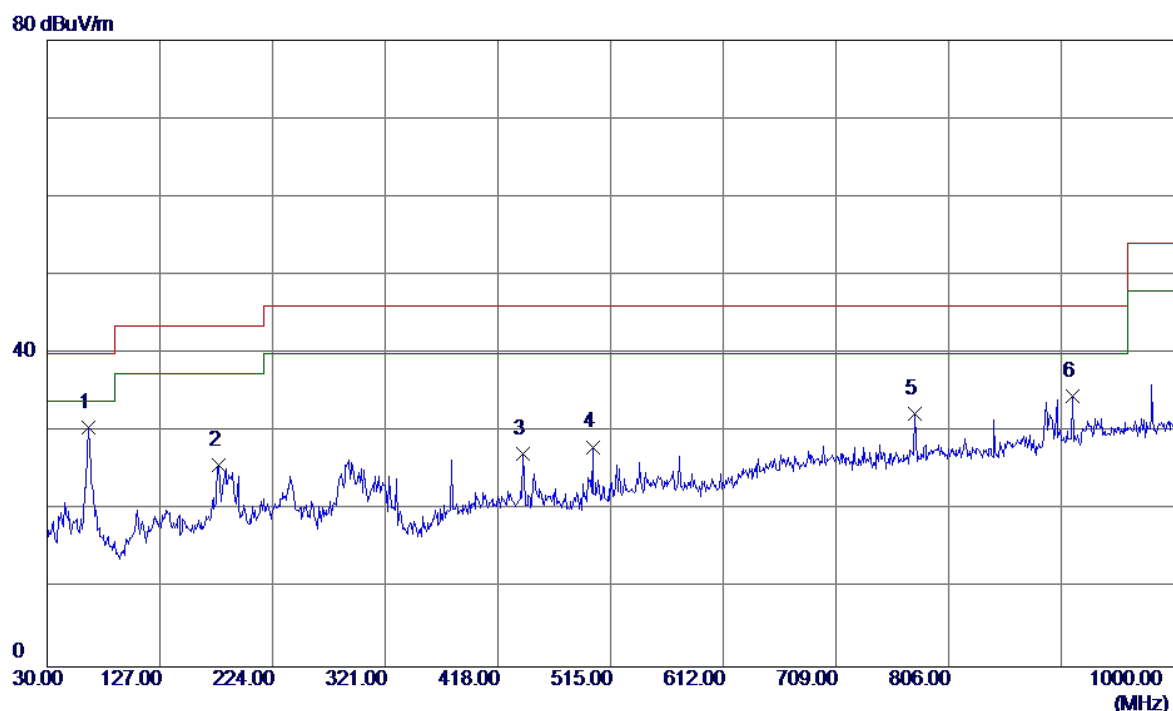
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.8900	48.22	-14.00	34.22	40.00	-5.78	QP
2	187.1400	36.05	-12.90	23.15	43.50	-20.35	QP
3	377.7450	34.06	-8.79	25.27	46.00	-20.73	QP
4	499.9650	40.45	-7.65	32.80	46.00	-13.20	QP
5	673.1100	37.33	-1.21	36.12	46.00	-9.88	QP
6	912.7000	33.91	2.07	35.98	46.00	-10.02	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



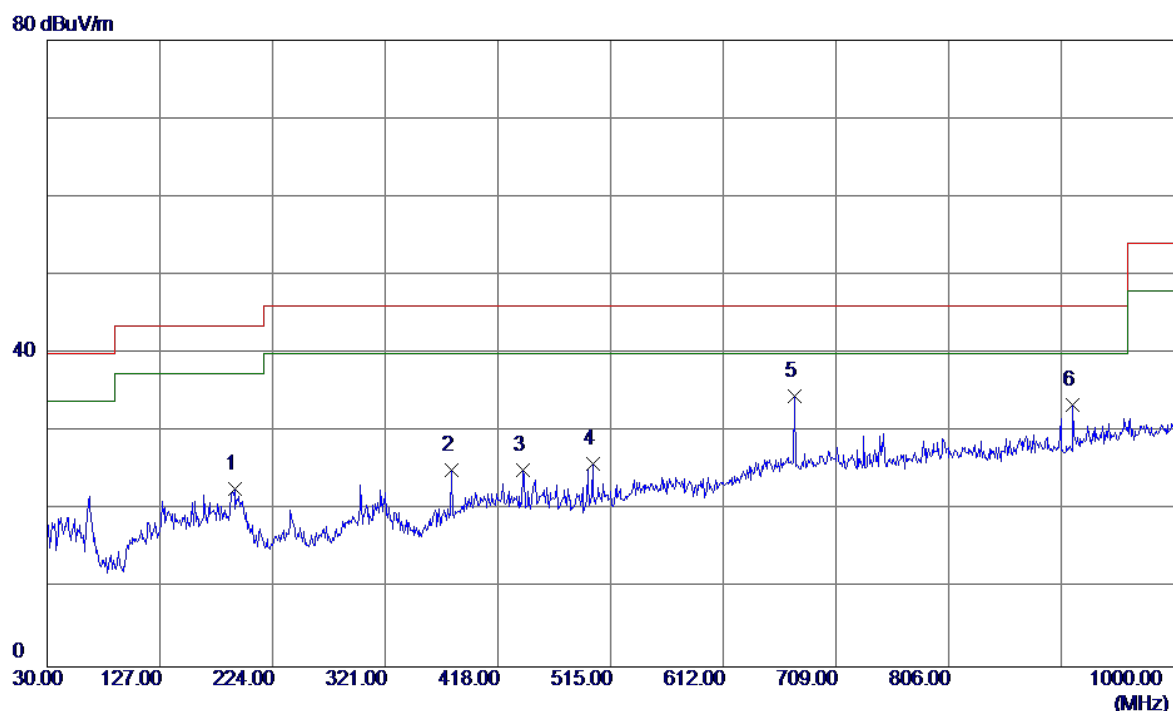
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	65.4050	36.67	-13.86	22.81	40.00	-17.19	QP
2	194.4149	40.03	-13.39	26.64	43.50	-16.86	QP
3	304.5100	39.39	-10.01	29.38	46.00	-16.62	QP
4	439.8250	33.47	-7.10	26.37	46.00	-19.63	QP
5	673.5949	31.30	-1.20	30.10	46.00	-15.90	QP
6 *	912.7000	29.64	2.07	31.71	46.00	-14.29	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.8900	44.59	-14.00	30.59	40.00	-9.41	QP
2	177.4400	37.54	-11.78	25.76	43.50	-17.74	QP
3	439.8250	34.25	-7.10	27.15	46.00	-18.85	QP
4	499.9650	35.73	-7.65	28.08	46.00	-17.92	QP
5	777.3850	32.38	-0.06	32.32	46.00	-13.68	QP
6	912.7000	32.56	2.07	34.63	46.00	-11.37	QP

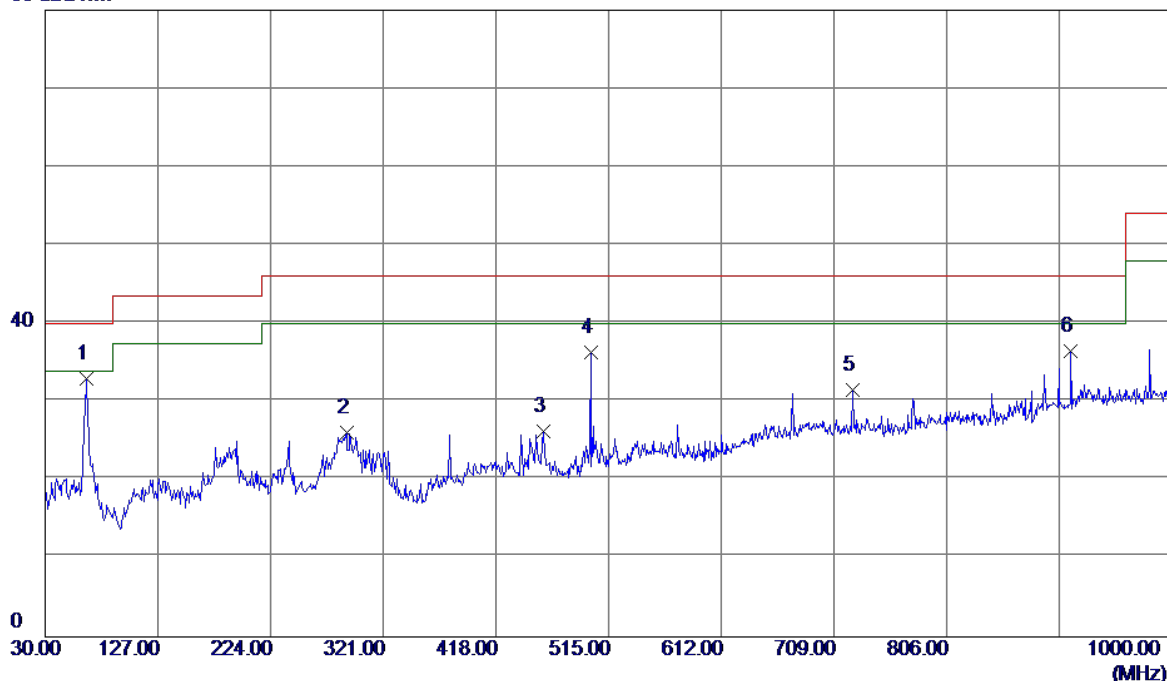
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	191.5050	35.91	-13.26	22.65	43.50	-20.85	QP
2	377.7450	33.86	-8.79	25.07	46.00	-20.93	QP
3	439.8250	32.18	-7.10	25.08	46.00	-20.92	QP
4	499.9650	33.53	-7.65	25.88	46.00	-20.12	QP
5 *	673.1100	35.81	-1.21	34.60	46.00	-11.40	QP
6	912.7000	31.41	2.07	33.48	46.00	-12.52	QP

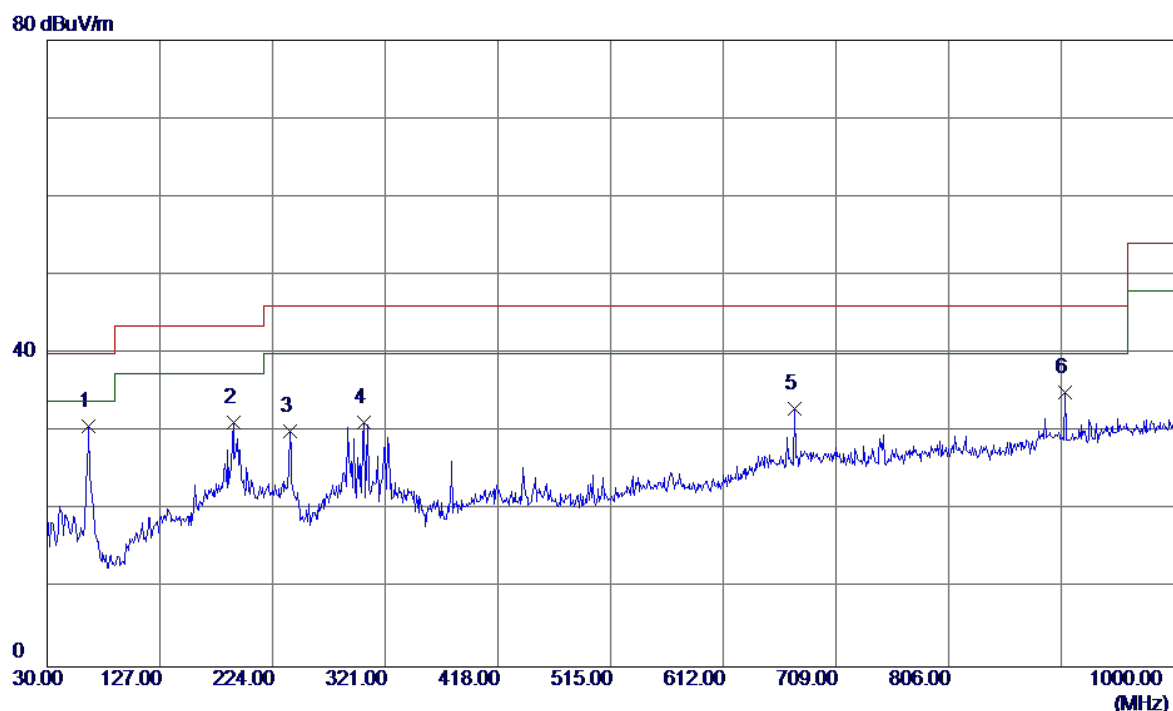
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.4050	46.78	-13.86	32.92	40.00	-7.08	QP
2	289.4750	36.17	-10.07	26.10	46.00	-19.90	QP
3	458.7400	33.36	-7.18	26.18	46.00	-19.82	QP
4	499.9650	43.91	-7.65	36.26	46.00	-9.74	QP
5	725.0050	32.33	-0.76	31.57	46.00	-14.43	QP
6	912.7000	34.45	2.07	36.52	46.00	-9.48	QP

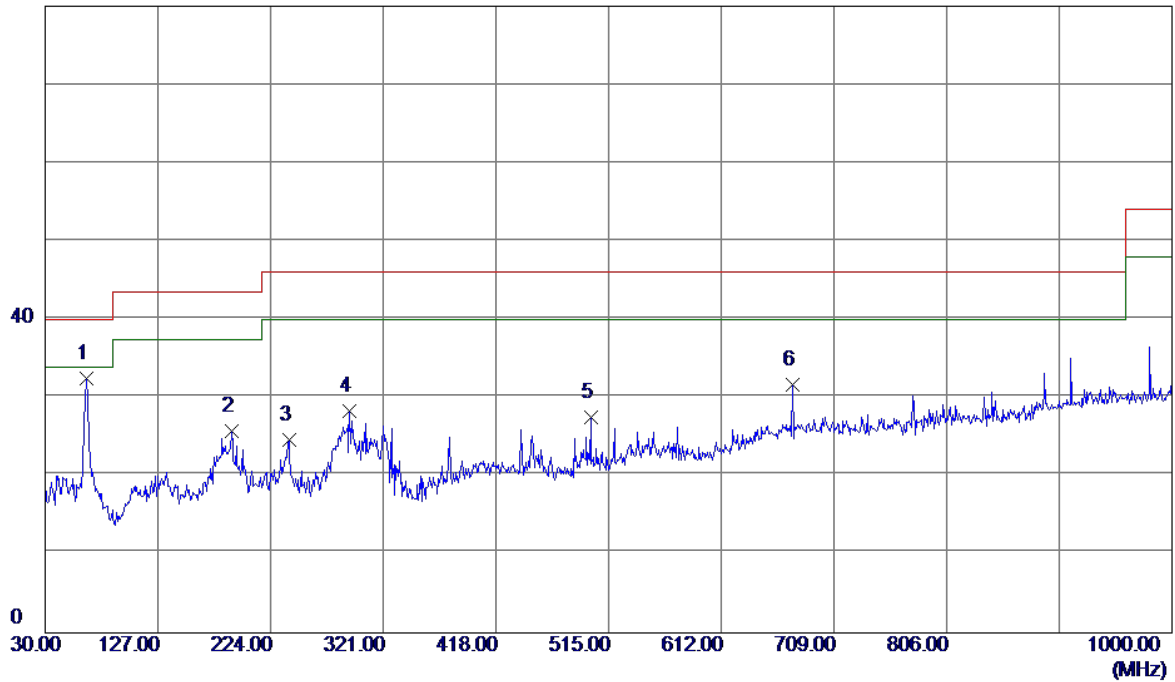
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.8900	44.66	-14.00	30.66	40.00	-9.34	QP
2	190.0500	44.46	-13.20	31.26	43.50	-12.24	QP
3	238.5500	43.35	-13.31	30.04	46.00	-15.96	QP
4	302.5700	41.11	-9.98	31.13	46.00	-14.87	QP
5	673.1100	34.23	-1.21	33.02	46.00	-12.98	QP
6	906.3950	33.21	1.87	35.08	46.00	-10.92	QP

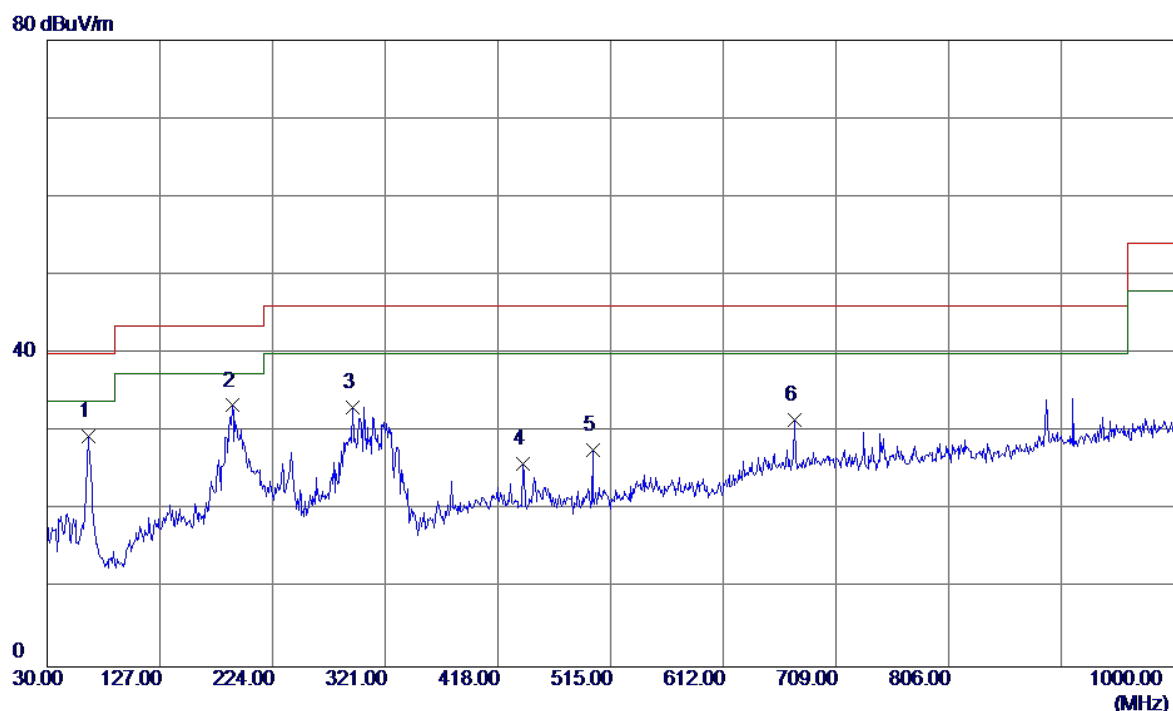
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.4050	46.33	-13.86	32.47	40.00	-7.53	QP
2	190.0500	38.94	-13.20	25.74	43.50	-17.76	QP
3	240.0050	38.09	-13.38	24.71	46.00	-21.29	QP
4	292.3850	38.23	-9.97	28.26	46.00	-17.74	QP
5	499.9650	35.18	-7.65	27.53	46.00	-18.47	QP
6	673.1100	32.91	-1.21	31.70	46.00	-14.30	QP

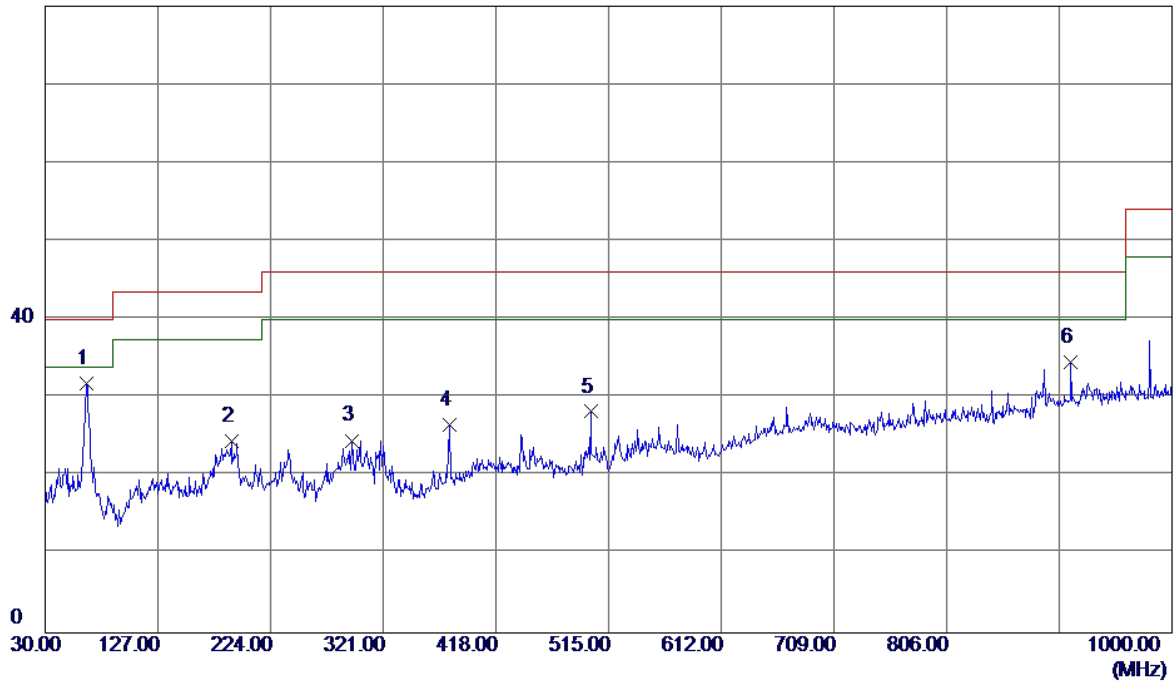
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	65.4050	43.26	-13.86	29.40	40.00	-10.60	QP
2 *	189.0800	46.46	-13.10	33.36	43.50	-10.14	QP
3	293.3550	43.07	-9.97	33.10	46.00	-12.90	QP
4	439.8250	33.02	-7.10	25.92	46.00	-20.08	QP
5	499.9650	35.31	-7.65	27.66	46.00	-18.34	QP
6	673.1100	32.75	-1.21	31.54	46.00	-14.46	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Pengyi+Battery:Sunwoda ATL+Earphone:Quancheng		
Test Engineer	Kevin Li		

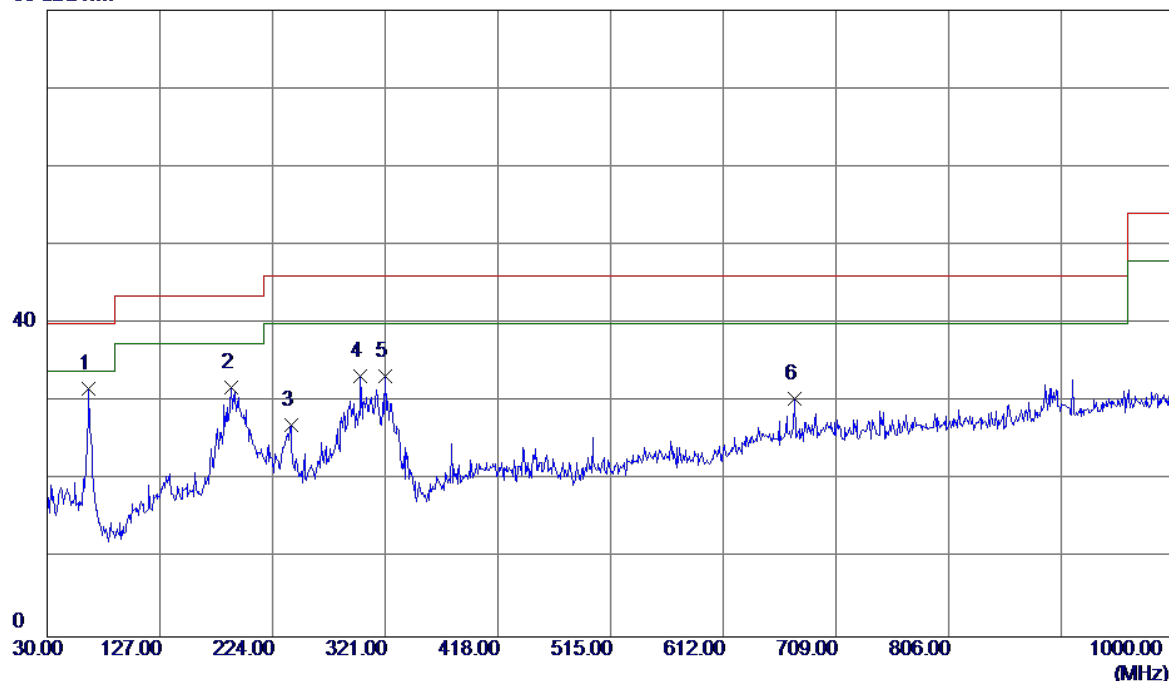
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.4050	45.64	-13.86	31.78	40.00	-8.22	QP
2	190.5350	37.69	-13.22	24.47	43.50	-19.03	QP
3	293.8400	34.52	-9.96	24.56	46.00	-21.44	QP
4	378.2300	35.33	-8.75	26.58	46.00	-19.42	QP
5	499.9650	35.89	-7.65	28.24	46.00	-17.76	QP
6	912.7000	32.52	2.07	34.59	46.00	-11.41	QP

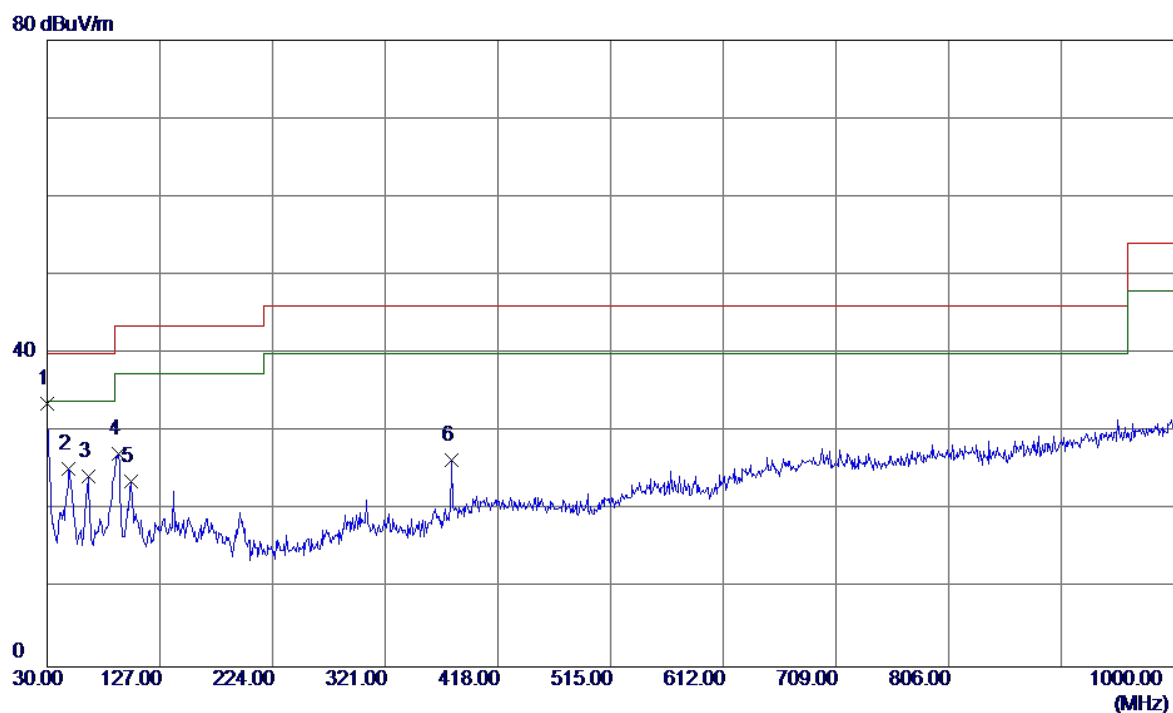
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Pengyi+Battery:Sunwoda ATL+Earphone:Quancheng		
Test Engineer	Kevin Li		

80 dBuV/m



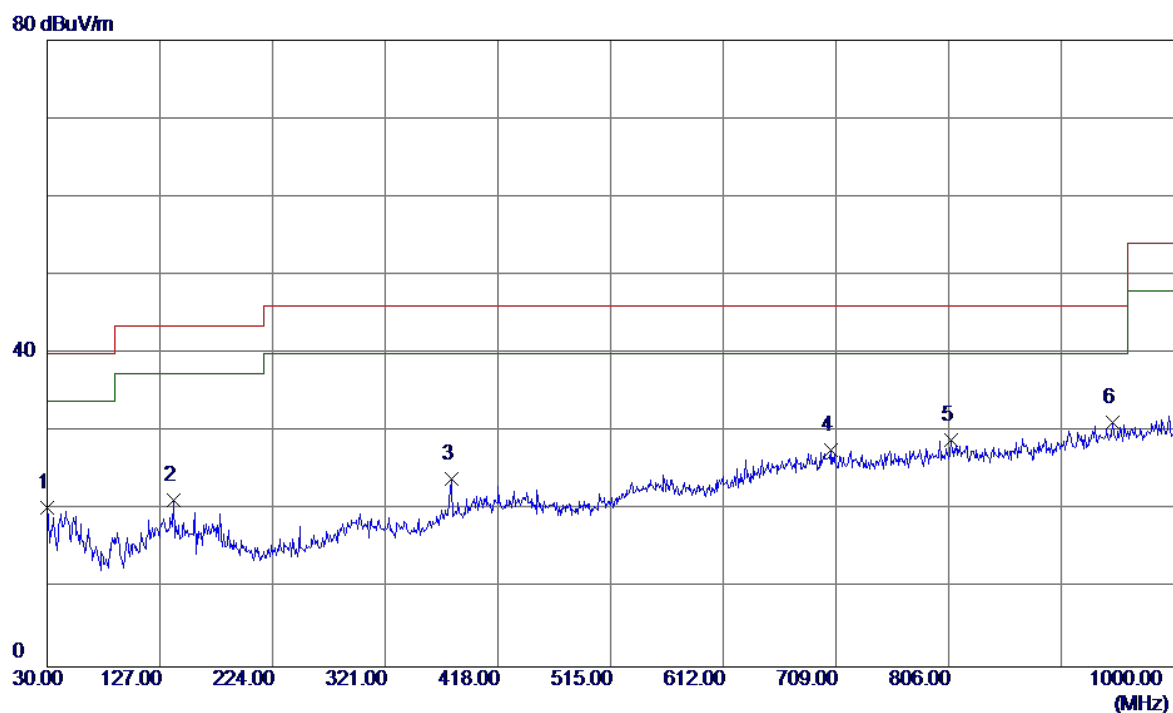
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	65.8900	45.72	-14.00	31.72	40.00	-8.28	QP
2	188.1100	44.83	-13.00	31.83	43.50	-11.67	QP
3	240.0050	40.44	-13.38	27.06	46.00	-18.94	QP
4	299.6600	43.15	-9.94	33.21	46.00	-12.79	QP
5	321.0000	43.57	-10.29	33.28	46.00	-12.72	QP
6	673.1100	31.68	-1.21	30.47	46.00	-15.53	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



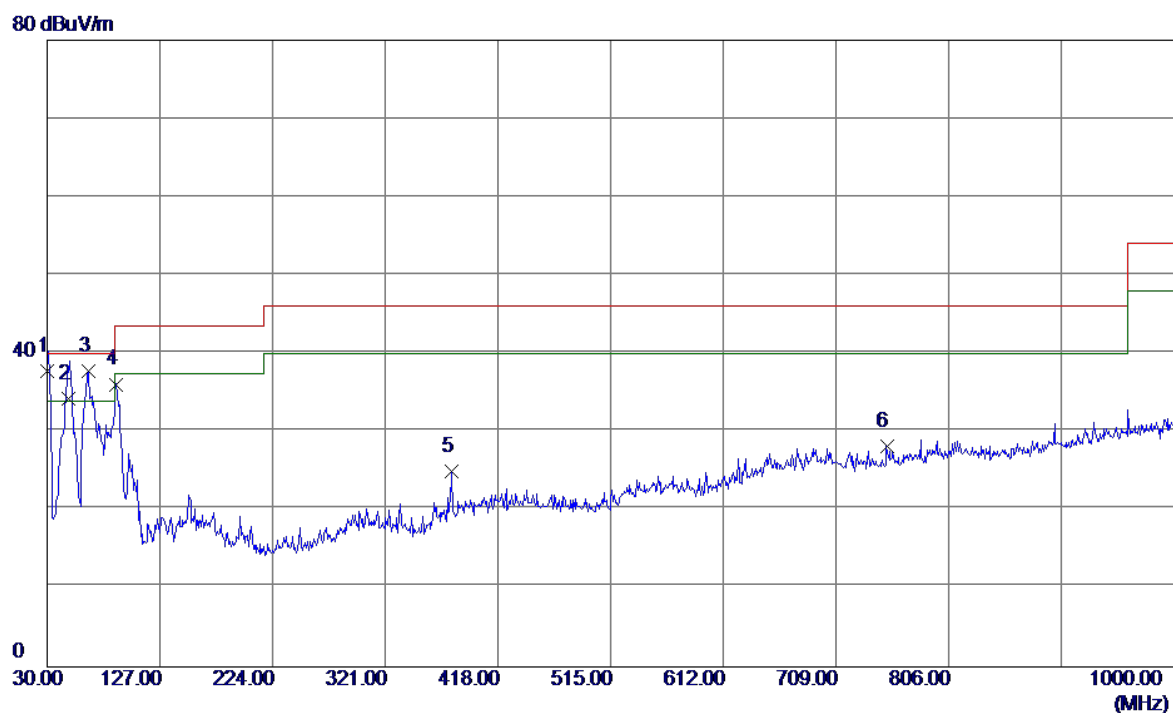
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	30.0000	46.44	-12.80	33.64	40.00	-6.36	QP
2	48.4300	37.71	-12.36	25.35	40.00	-14.65	QP
3	65.4050	38.11	-13.86	24.25	40.00	-15.75	QP
4	91.1100	43.52	-16.37	27.15	43.50	-16.35	QP
5	101.7800	38.08	-14.41	23.67	43.50	-19.83	QP
6	378.2300	35.15	-8.75	26.40	46.00	-19.60	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



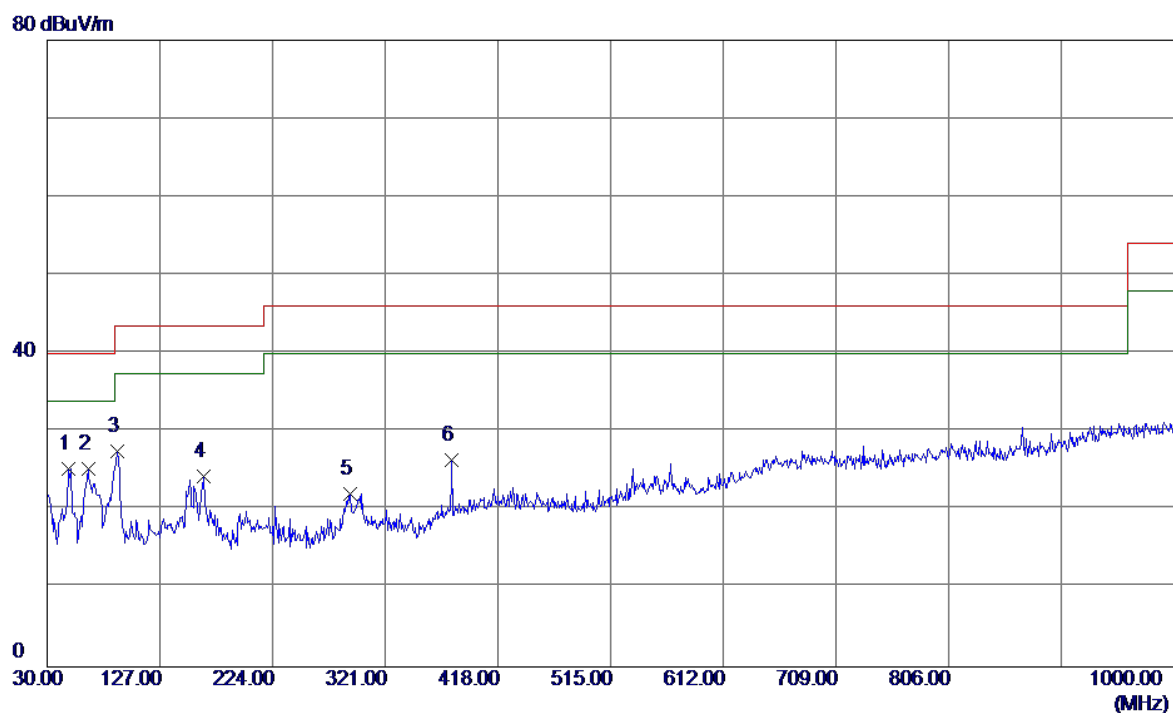
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	30.0000	33.09	-12.80	20.29	40.00	-19.71	QP
2	138.6400	33.10	-11.78	21.32	43.50	-22.18	QP
3	377.7450	32.76	-8.79	23.97	46.00	-22.03	QP
4	705.1200	28.34	-0.67	27.67	46.00	-18.33	QP
5	807.9400	28.28	0.61	28.89	46.00	-17.11	QP
6 *	947.6200	28.00	3.13	31.13	46.00	-14.87	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



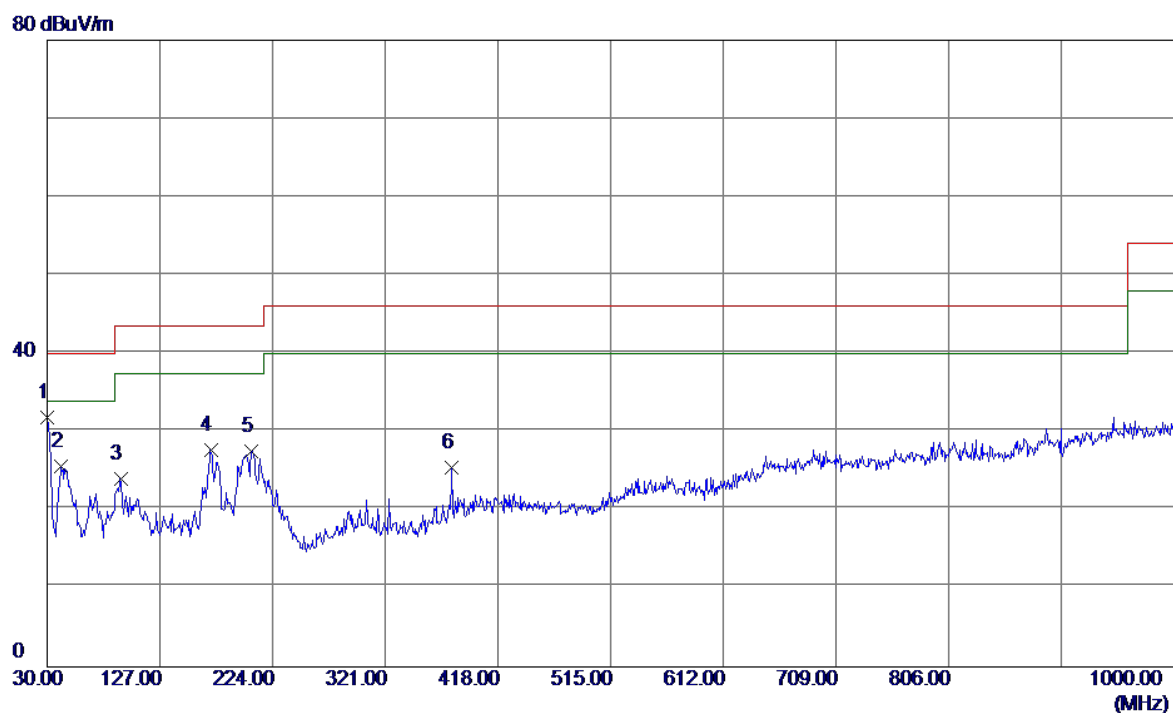
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	30.0000	50.51	-12.80	37.71	40.00	-2.29	QP
2	48.5300	46.61	-12.34	34.27	40.00	-5.73	QP
3 *	65.4050	51.62	-13.86	37.76	40.00	-2.24	QP
4	89.6550	52.47	-16.39	36.08	43.50	-7.42	QP
5	378.2300	33.74	-8.75	24.99	46.00	-21.01	QP
6	752.6500	28.95	-0.79	28.16	46.00	-17.84	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	48.4300	37.69	-12.36	25.33	40.00	-14.67	QP
2	65.4050	39.13	-13.86	25.27	40.00	-14.73	QP
3	90.6250	43.86	-16.38	27.48	43.50	-16.02	QP
4	164.8300	35.98	-11.66	24.32	43.50	-19.18	QP
5	290.9300	32.08	-9.98	22.10	46.00	-23.90	QP
6	378.2300	35.13	-8.75	26.38	46.00	-19.62	QP

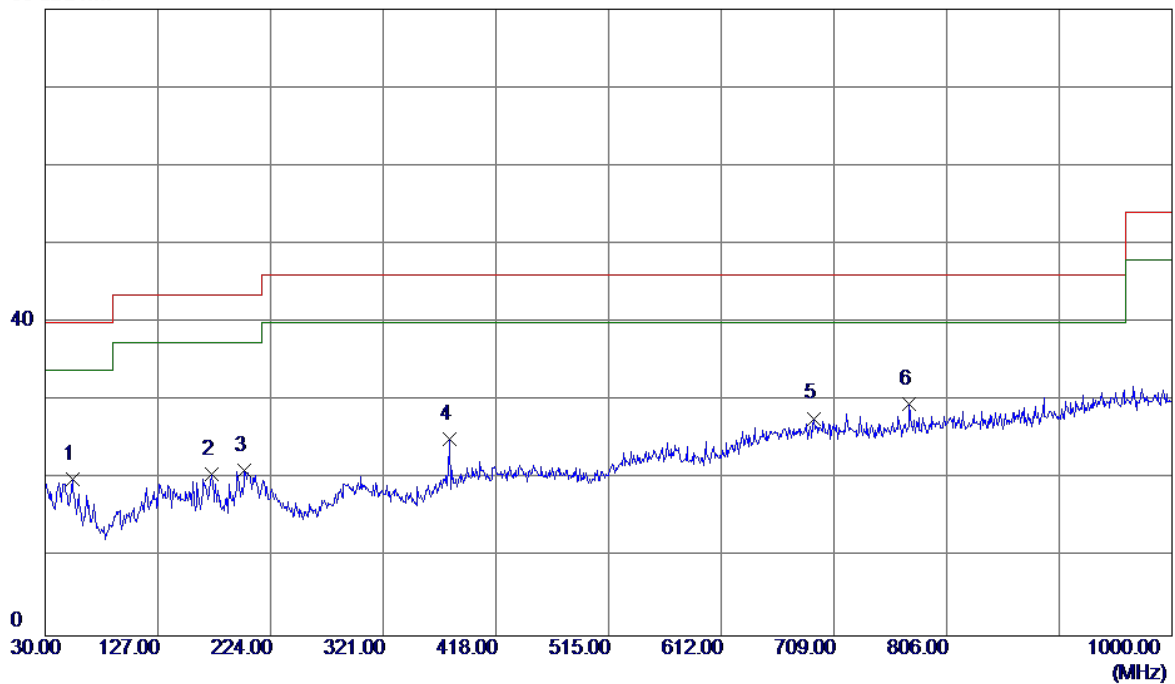
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	30.0000	44.60	-12.80	31.80	40.00	-8.20	QP
2	42.1250	37.60	-12.07	25.53	40.00	-14.47	QP
3	93.0500	40.28	-16.32	23.96	43.50	-19.54	QP
4	170.6500	38.43	-10.80	27.63	43.50	-15.87	QP
5	206.0549	41.43	-13.92	27.51	43.50	-15.99	QP
6	378.2300	34.17	-8.75	25.42	46.00	-20.58	QP

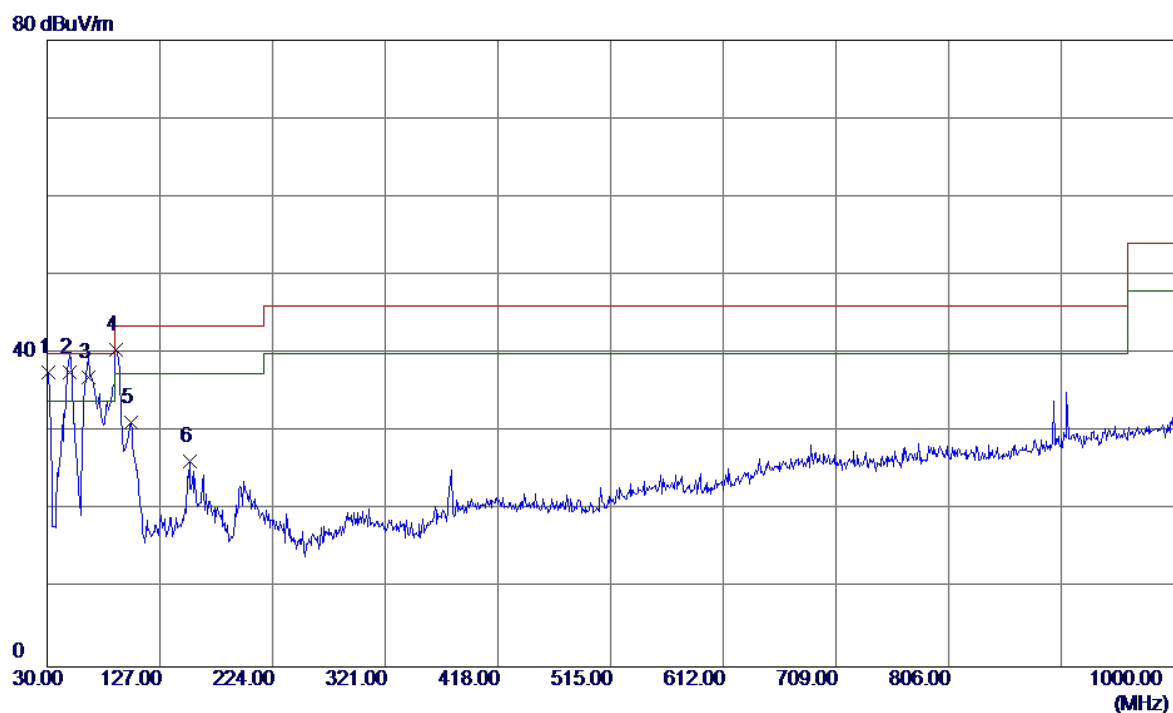
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



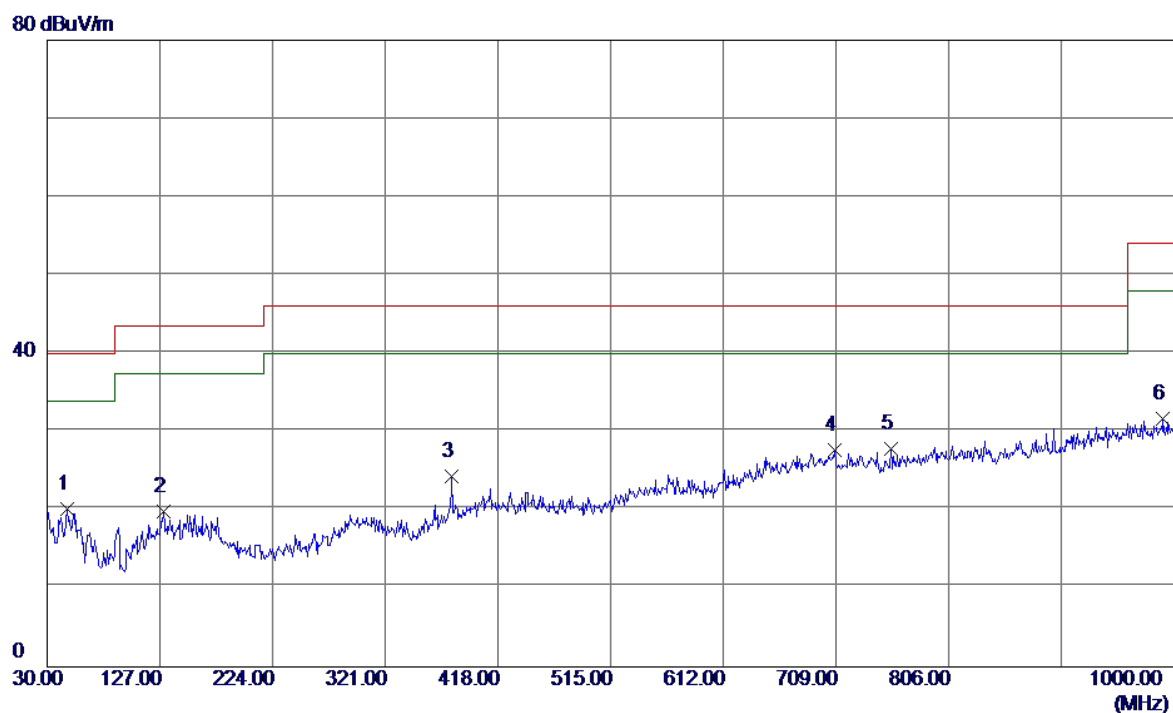
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	53.2800	32.39	-12.32	20.07	40.00	-19.93	QP
2	173.5600	31.89	-11.22	20.67	43.50	-22.83	QP
3	201.6900	34.83	-13.72	21.11	43.50	-22.39	QP
4	378.2300	33.84	-8.75	25.09	46.00	-20.91	QP
5	692.0250	28.58	-0.82	27.76	46.00	-18.24	QP
6 *	773.9900	29.83	-0.16	29.67	46.00	-16.33	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



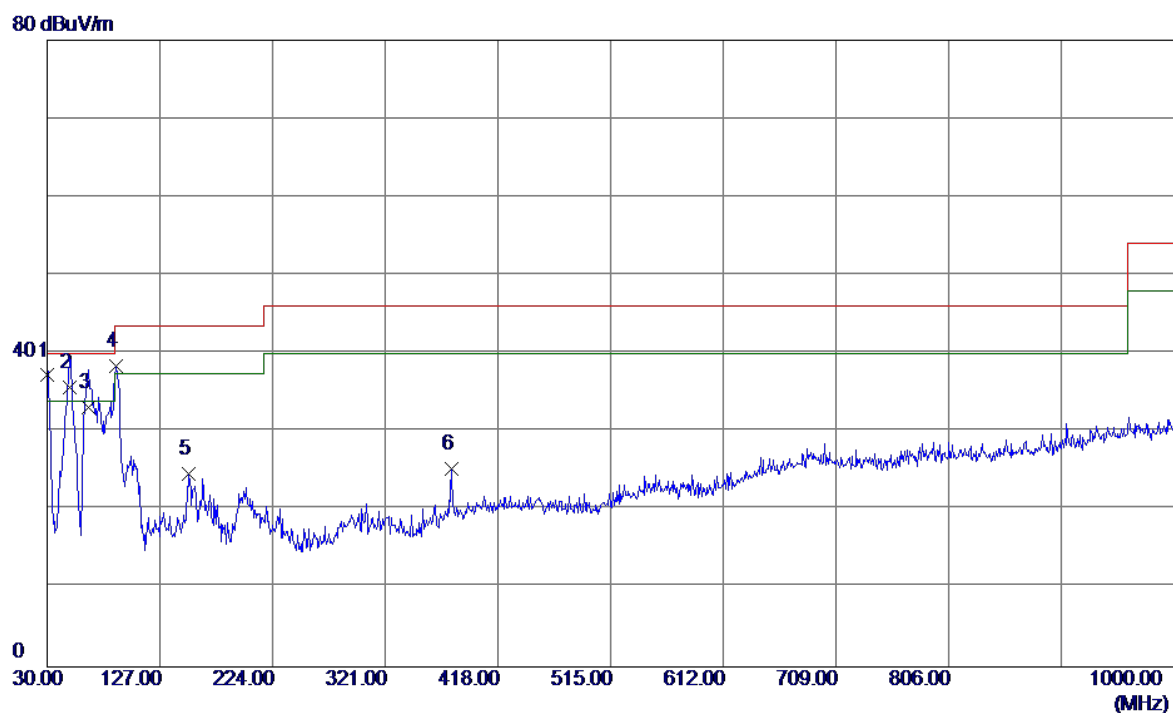
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	31.4550	50.69	-13.08	37.61	40.00	-2.39	QP
2	49.8849	49.60	-12.05	37.55	40.00	-2.45	QP
3	65.8900	50.99	-14.00	36.99	40.00	-3.01	QP
4	89.6550	56.94	-16.39	40.55	43.50	-2.95	QP
5	102.2650	45.54	-14.38	31.16	43.50	-12.34	QP
6	152.7050	38.39	-12.09	26.30	43.50	-17.20	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



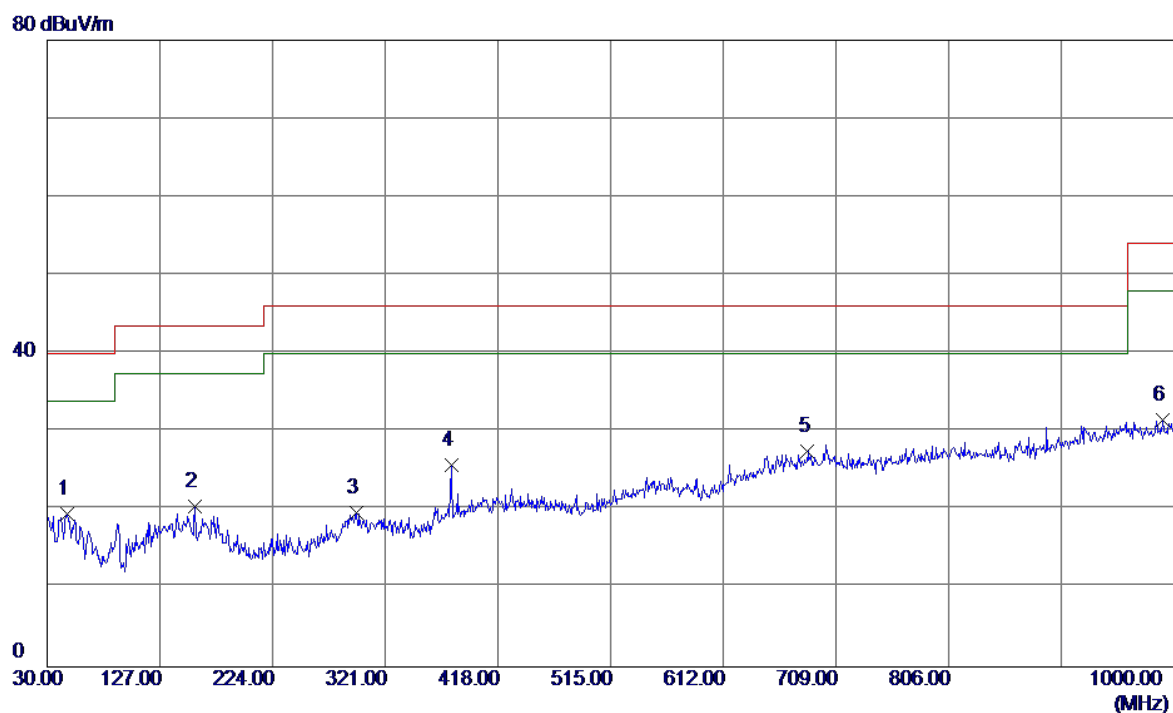
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	46.9750	32.41	-12.25	20.16	40.00	-19.84	QP
2	130.3950	31.00	-11.17	19.83	43.50	-23.67	QP
3	378.2300	33.03	-8.75	24.28	46.00	-21.72	QP
4	708.0300	28.44	-0.69	27.75	46.00	-18.25	QP
5 *	756.0450	28.59	-0.69	27.90	46.00	-18.10	QP
6	990.7850	27.93	3.80	31.73	54.00	-22.27	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



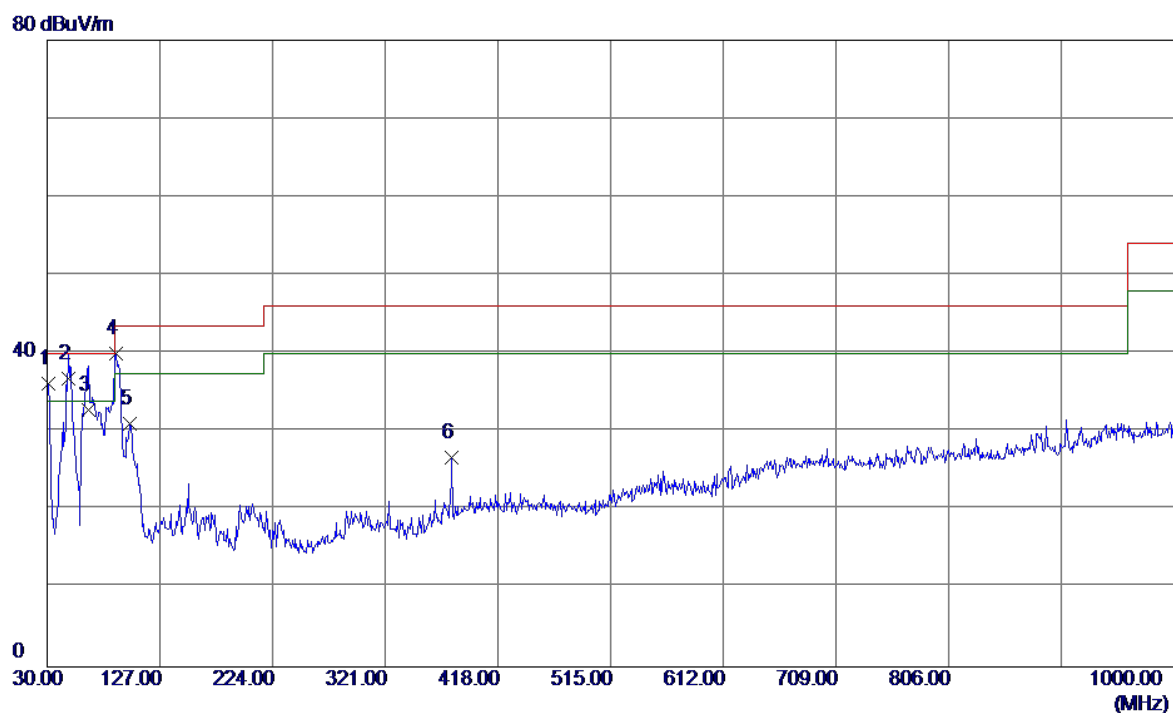
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	30.0000	50.00	-12.80	37.20	40.00	-2.80	QP
2	49.4000	47.80	-12.16	35.64	40.00	-4.36	QP
3	65.8900	47.13	-14.00	33.13	40.00	-6.87	QP
4	89.6550	54.72	-16.39	38.33	43.50	-5.17	QP
5	152.2200	36.74	-12.06	24.68	43.50	-18.82	QP
6	377.7450	34.02	-8.79	25.23	46.00	-20.77	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



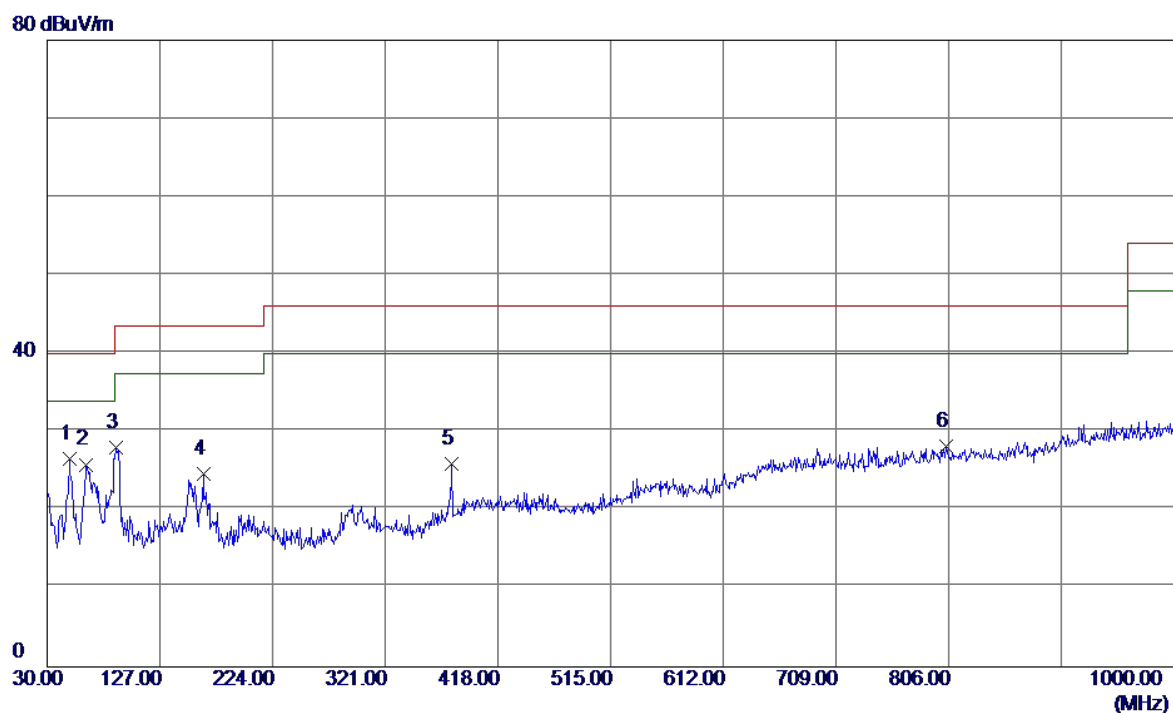
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	47.4600	31.84	-12.35	19.49	40.00	-20.51	QP
2	157.0700	32.84	-12.37	20.47	43.50	-23.03	QP
3	296.2650	29.57	-9.95	19.62	46.00	-26.38	QP
4	377.7450	34.61	-8.79	25.82	46.00	-20.18	QP
5 *	684.7500	28.50	-0.97	27.53	46.00	-18.47	QP
6	990.7850	27.69	3.80	31.49	54.00	-22.51	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	30.9700	49.13	-12.99	36.14	40.00	-3.86	QP
2 *	48.4300	49.10	-12.36	36.74	40.00	-3.26	QP
3	65.4050	46.70	-13.86	32.84	40.00	-7.16	QP
4	89.1700	56.40	-16.37	40.03	43.50	-3.47	QP
5	101.2950	45.55	-14.44	31.11	43.50	-12.39	QP
6	378.2300	35.45	-8.75	26.70	46.00	-19.30	QP

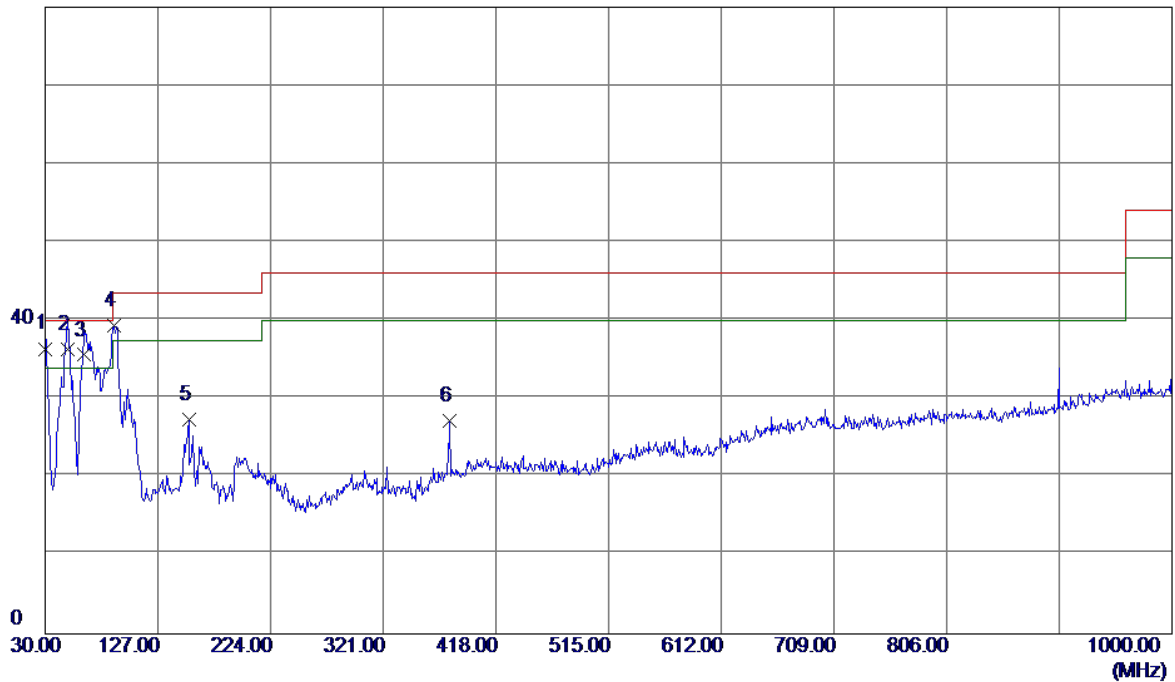
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	48.9150	38.84	-12.26	26.58	40.00	-13.42	QP
2	63.4650	39.74	-13.90	25.84	40.00	-14.16	QP
3	89.1700	44.36	-16.37	27.99	43.50	-15.51	QP
4	164.3450	36.43	-11.75	24.68	43.50	-18.82	QP
5	378.2300	34.65	-8.75	25.90	46.00	-20.10	QP
6	804.0600	27.53	0.61	28.14	46.00	-17.86	QP

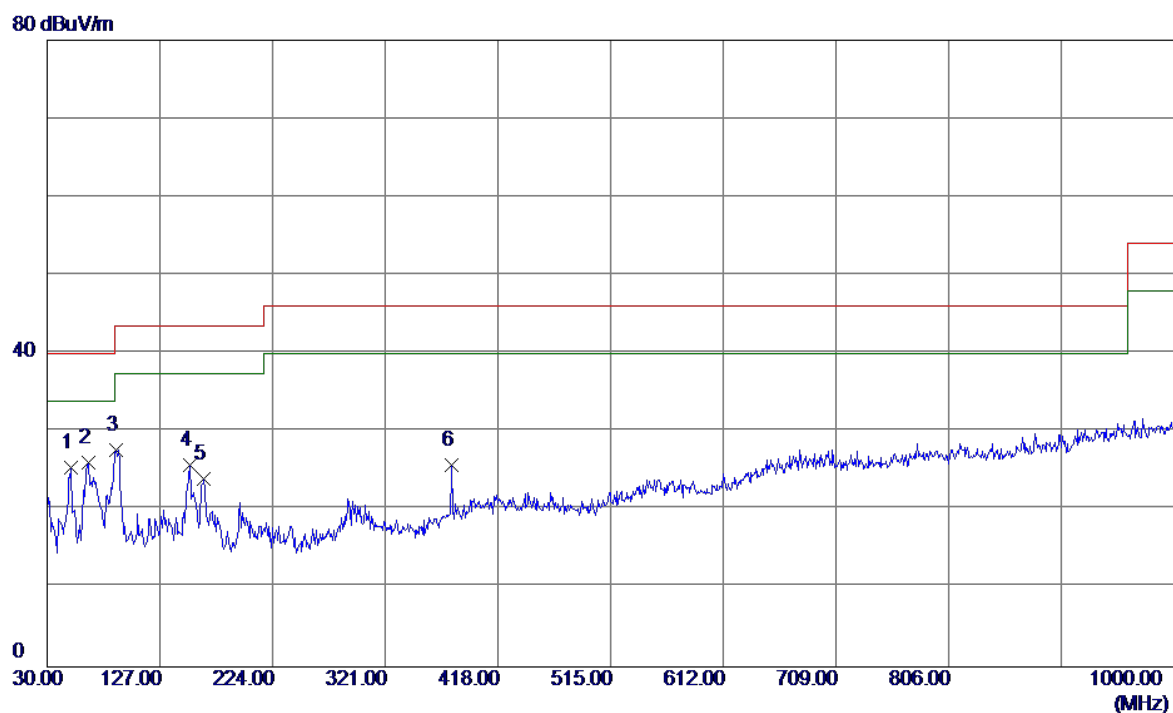
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	30.0000	49.20	-12.80	36.40	40.00	-3.60	QP
2	49.4000	48.50	-12.16	36.34	40.00	-3.66	QP
3	63.4650	49.50	-13.90	35.60	40.00	-4.40	QP
4	89.1700	55.76	-16.37	39.39	43.50	-4.11	QP
5	153.6750	39.50	-12.15	27.35	43.50	-16.15	QP
6	378.2300	36.02	-8.75	27.27	46.00	-18.73	QP

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	50.3700	37.50	-12.12	25.38	40.00	-14.62	QP
2 *	65.4050	40.00	-13.86	26.14	40.00	-13.86	QP
3	89.1700	44.09	-16.37	27.72	43.50	-15.78	QP
4	152.7050	37.82	-12.09	25.73	43.50	-17.77	QP
5	164.8300	35.72	-11.66	24.06	43.50	-19.44	QP
6	378.2300	34.58	-8.75	25.83	46.00	-20.17	QP

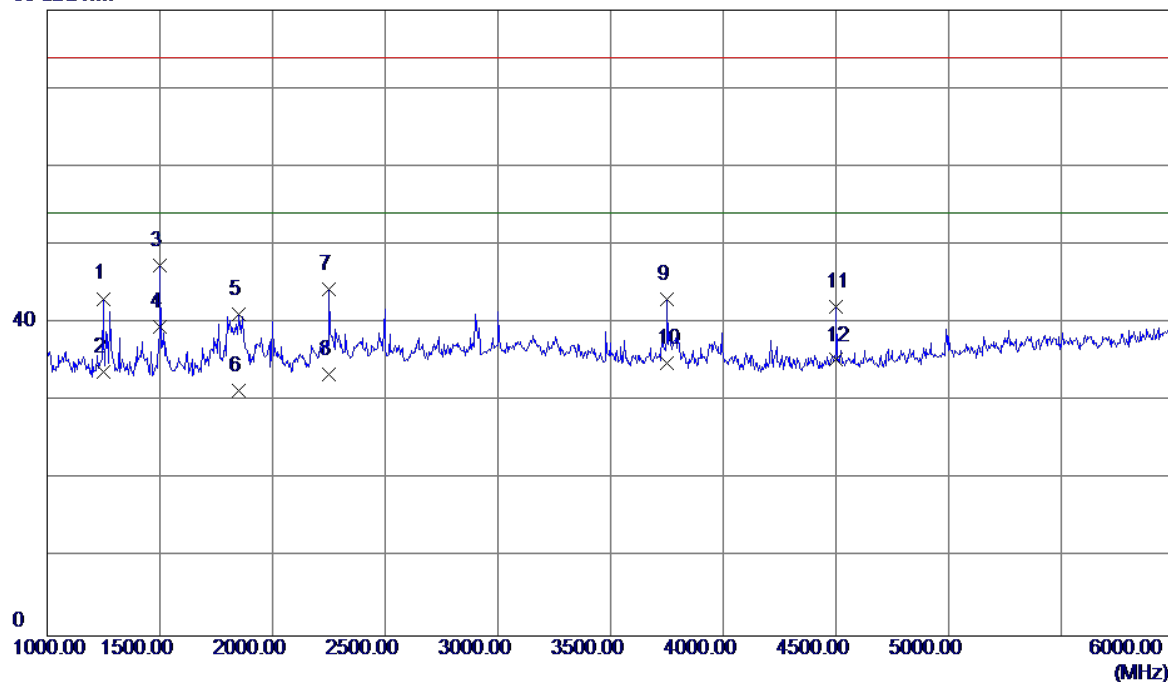
4.2.8 TEST RESULTS-ABOVE 1GHZ

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.

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

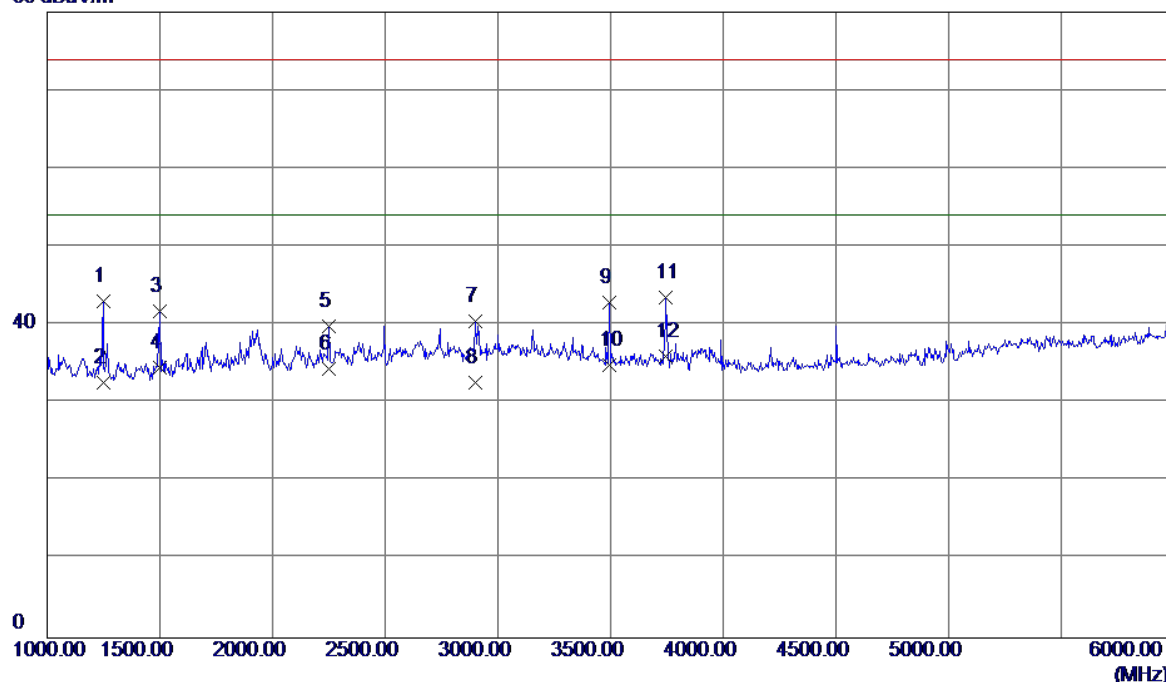
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1247.5000	48.97	-5.85	43.12	74.00	-30.88	Peak
2	1247.5000	39.61	-5.85	33.76	54.00	-20.24	AVG
3	1500.0000	52.31	-4.95	47.36	74.00	-26.64	Peak
4 *	1500.0000	44.40	-4.95	39.45	54.00	-14.55	AVG
5	1850.0000	44.45	-3.28	41.17	74.00	-32.83	Peak
6	1850.0000	34.59	-3.28	31.31	54.00	-22.69	AVG
7	2250.0000	45.54	-1.20	44.34	74.00	-29.66	Peak
8	2250.0000	34.60	-1.20	33.40	54.00	-20.60	AVG
9	3750.0000	40.50	2.49	42.99	74.00	-31.01	Peak
10	3750.0000	32.40	2.49	34.89	54.00	-19.11	AVG
11	4500.0000	38.25	3.88	42.13	74.00	-31.87	Peak
12	4500.0000	31.40	3.88	35.28	54.00	-18.72	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

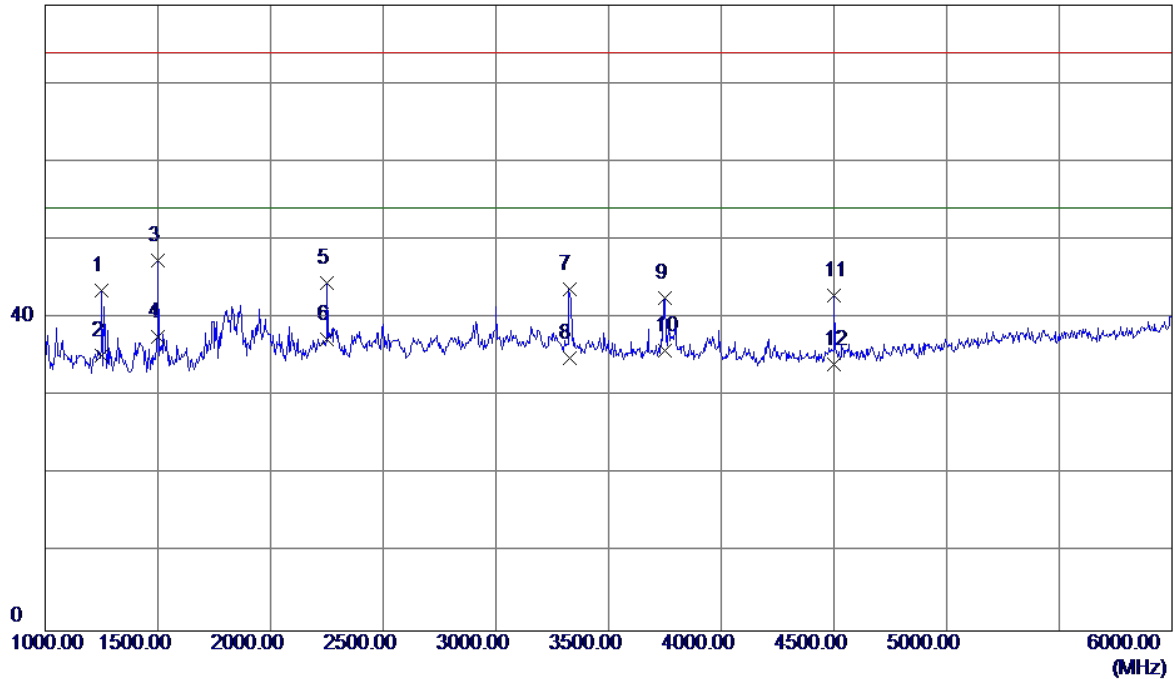
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1247.5000	48.82	-5.85	42.97	74.00	-31.03	Peak
2	1247.5000	38.51	-5.85	32.66	54.00	-21.34	AVG
3	1500.0000	46.75	-4.95	41.80	74.00	-32.20	Peak
4	1500.0000	39.50	-4.95	34.55	54.00	-19.45	AVG
5	2250.0000	41.03	-1.20	39.83	74.00	-34.17	Peak
6	2250.0000	35.60	-1.20	34.40	54.00	-19.60	AVG
7	2902.5000	38.45	1.97	40.42	74.00	-33.58	Peak
8	2902.5000	30.60	1.97	32.57	54.00	-21.43	AVG
9	3495.0000	40.66	2.26	42.92	74.00	-31.08	Peak
10	3495.0000	32.59	2.26	34.85	54.00	-19.15	AVG
11	3745.0000	41.10	2.48	43.58	74.00	-30.42	Peak
12 *	3745.0000	33.50	2.48	35.98	54.00	-18.02	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		

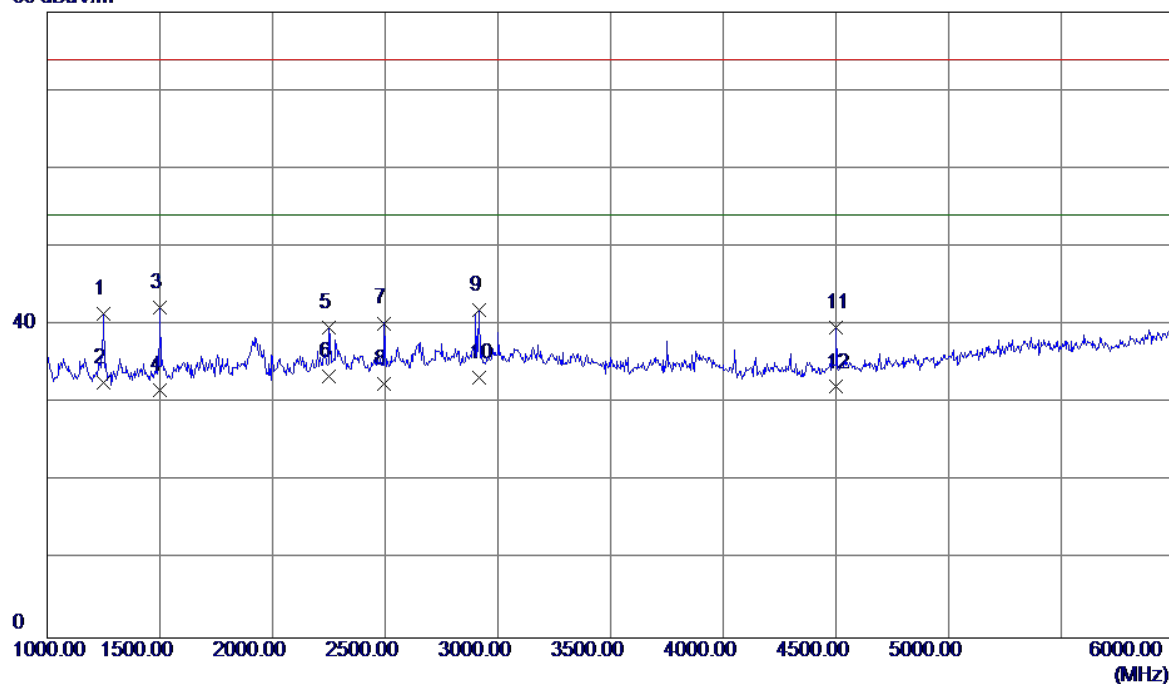
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1250.0000	49.29	-5.84	43.45	74.00	-30.55	Peak
2	1250.0000	41.10	-5.84	35.26	54.00	-18.74	AVG
3	1500.0000	52.29	-4.95	47.34	74.00	-26.66	Peak
4 *	1500.0000	42.60	-4.95	37.65	54.00	-16.35	AVG
5	2250.0000	45.73	-1.20	44.53	74.00	-29.47	Peak
6	2250.0000	38.50	-1.20	37.30	54.00	-16.70	AVG
7	3325.0000	41.35	2.31	43.66	74.00	-30.34	Peak
8	3325.0000	32.59	2.31	34.90	54.00	-19.10	AVG
9	3750.0000	40.08	2.49	42.57	74.00	-31.43	Peak
10	3750.0000	33.40	2.49	35.89	54.00	-18.11	AVG
11	4500.0000	38.96	3.88	42.84	74.00	-31.16	Peak
12	4500.0000	30.20	3.88	34.08	54.00	-19.92	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:CONNREX+Battery:SCUD+Earphone:Quancheng		
Test Engineer	Kevin Li		

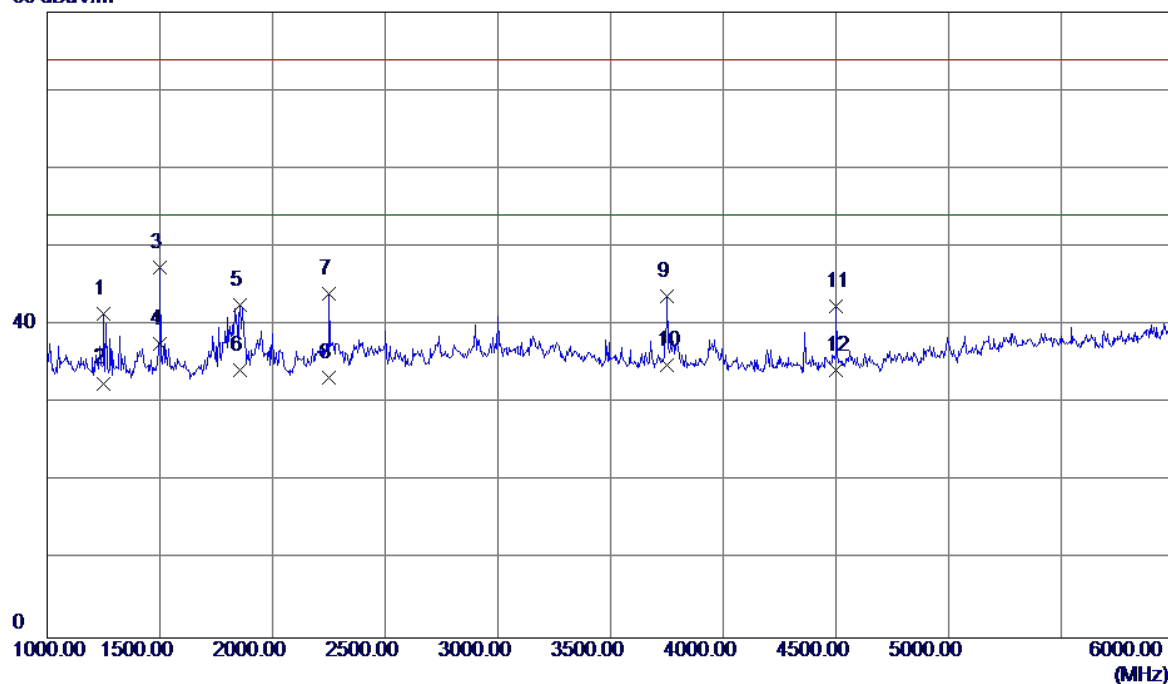
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1250.0000	47.32	-5.84	41.48	74.00	-32.52	Peak
2	1250.0000	38.50	-5.84	32.66	54.00	-21.34	AVG
3	1500.0000	47.12	-4.95	42.17	74.00	-31.83	Peak
4	1500.0000	36.70	-4.95	31.75	54.00	-22.25	AVG
5	2250.0000	40.84	-1.20	39.64	74.00	-34.36	Peak
6 *	2250.0000	34.60	-1.20	33.40	54.00	-20.60	AVG
7	2495.0000	40.10	0.14	40.24	74.00	-33.76	Peak
8	2495.0000	32.30	0.14	32.44	54.00	-21.56	AVG
9	2915.0000	39.91	2.02	41.93	74.00	-32.07	Peak
10	2915.0000	31.20	2.02	33.22	54.00	-20.78	AVG
11	4500.0000	35.76	3.88	39.64	74.00	-34.36	Peak
12	4500.0000	28.20	3.88	32.08	54.00	-21.92	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		

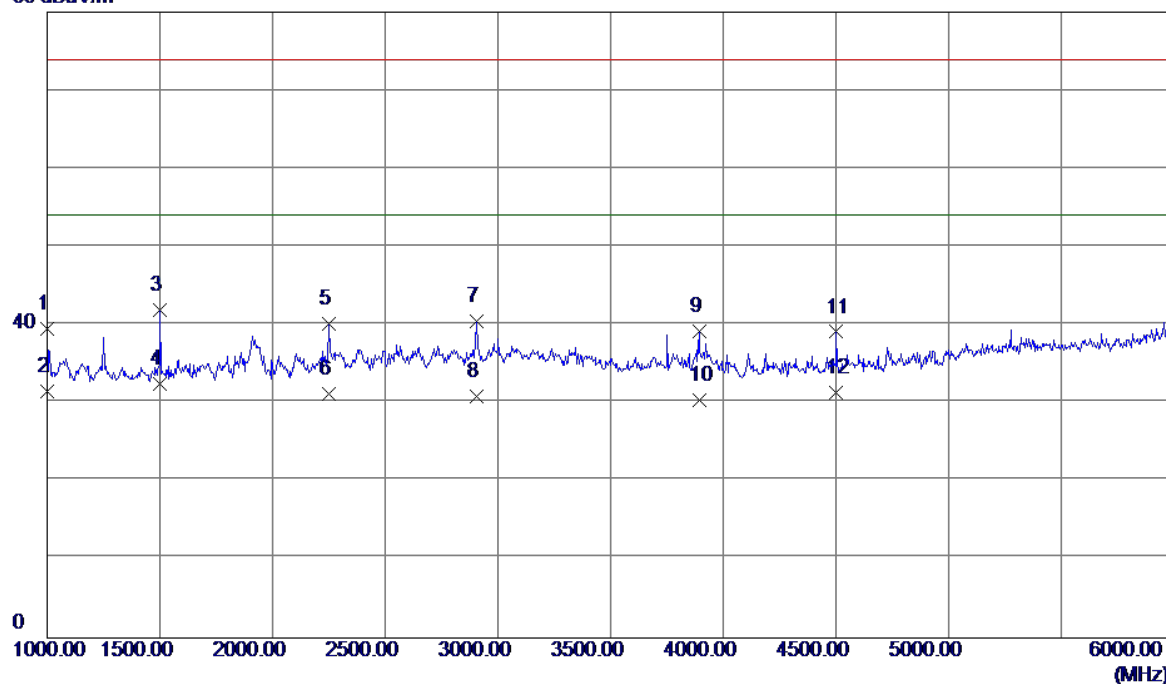
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1250.0000	47.31	-5.84	41.47	74.00	-32.53	Peak
2	1250.0000	38.40	-5.84	32.56	54.00	-21.44	AVG
3	1500.0000	52.36	-4.95	47.41	74.00	-26.59	Peak
4 *	1500.0000	42.60	-4.95	37.65	54.00	-16.35	AVG
5	1855.0000	45.75	-3.26	42.49	74.00	-31.51	Peak
6	1855.0000	37.50	-3.26	34.24	54.00	-19.76	AVG
7	2250.0000	45.16	-1.20	43.96	74.00	-30.04	Peak
8	2250.0000	34.50	-1.20	33.30	54.00	-20.70	AVG
9	3750.0000	41.22	2.49	43.71	74.00	-30.29	Peak
10	3750.0000	32.40	2.49	34.89	54.00	-19.11	AVG
11	4500.0000	38.46	3.88	42.34	74.00	-31.66	Peak
12	4500.0000	30.40	3.88	34.28	54.00	-19.72	AVG

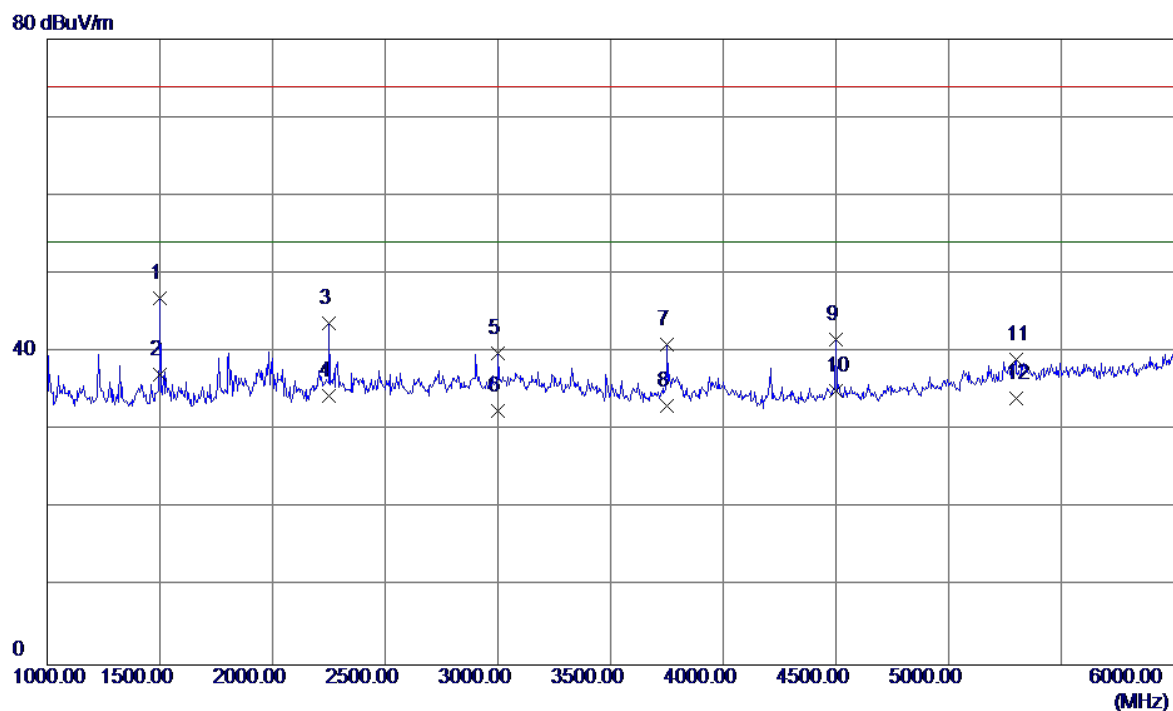
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Luxshareict+Battery:Guangyu+Earphone:Meilv		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1000.0000	46.28	-6.73	39.55	74.00	-34.45	Peak
2	1000.0000	38.20	-6.73	31.47	54.00	-22.53	AVG
3	1500.0000	46.87	-4.95	41.92	74.00	-32.08	Peak
4 *	1500.0000	37.40	-4.95	32.45	54.00	-21.55	AVG
5	2250.0000	41.31	-1.20	40.11	74.00	-33.89	Peak
6	2250.0000	32.40	-1.20	31.20	54.00	-22.80	AVG
7	2905.0000	38.57	1.98	40.55	74.00	-33.45	Peak
8	2905.0000	28.90	1.98	30.88	54.00	-23.12	AVG
9	3892.5000	36.62	2.62	39.24	74.00	-34.76	Peak
10	3892.5000	27.80	2.62	30.42	54.00	-23.58	AVG
11	4500.0000	35.24	3.88	39.12	74.00	-34.88	Peak
12	4500.0000	27.50	3.88	31.38	54.00	-22.62	AVG

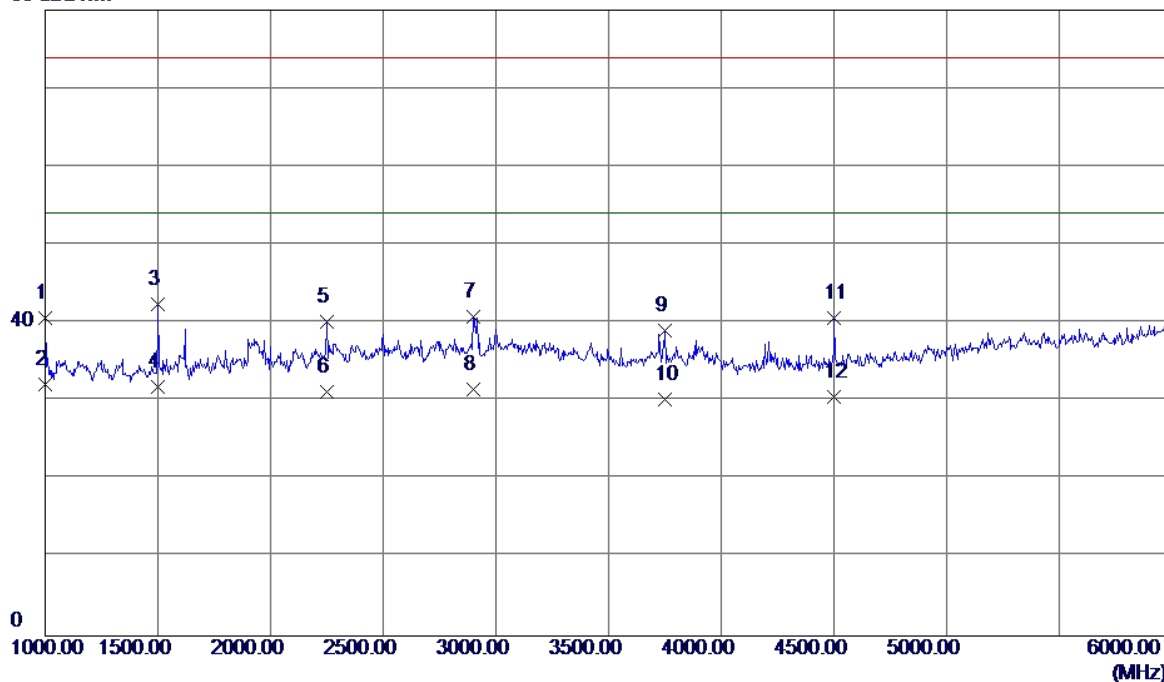
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1500.0000	51.89	-4.95	46.94	74.00	-27.06	Peak
2 *	1500.0000	42.10	-4.95	37.15	54.00	-16.85	AVG
3	2250.0000	44.96	-1.20	43.76	74.00	-30.24	Peak
4	2250.0000	35.60	-1.20	34.40	54.00	-19.60	AVG
5	3000.0000	37.50	2.40	39.90	74.00	-34.10	Peak
6	3000.0000	30.10	2.40	32.50	54.00	-21.50	AVG
7	3750.0000	38.53	2.49	41.02	74.00	-32.98	Peak
8	3750.0000	30.60	2.49	33.09	54.00	-20.91	AVG
9	4500.0000	37.76	3.88	41.64	74.00	-32.36	Peak
10	4500.0000	31.20	3.88	35.08	54.00	-18.92	AVG
11	5297.5000	31.74	7.32	39.06	74.00	-34.94	Peak
12	5297.5000	26.80	7.32	34.12	54.00	-19.88	AVG

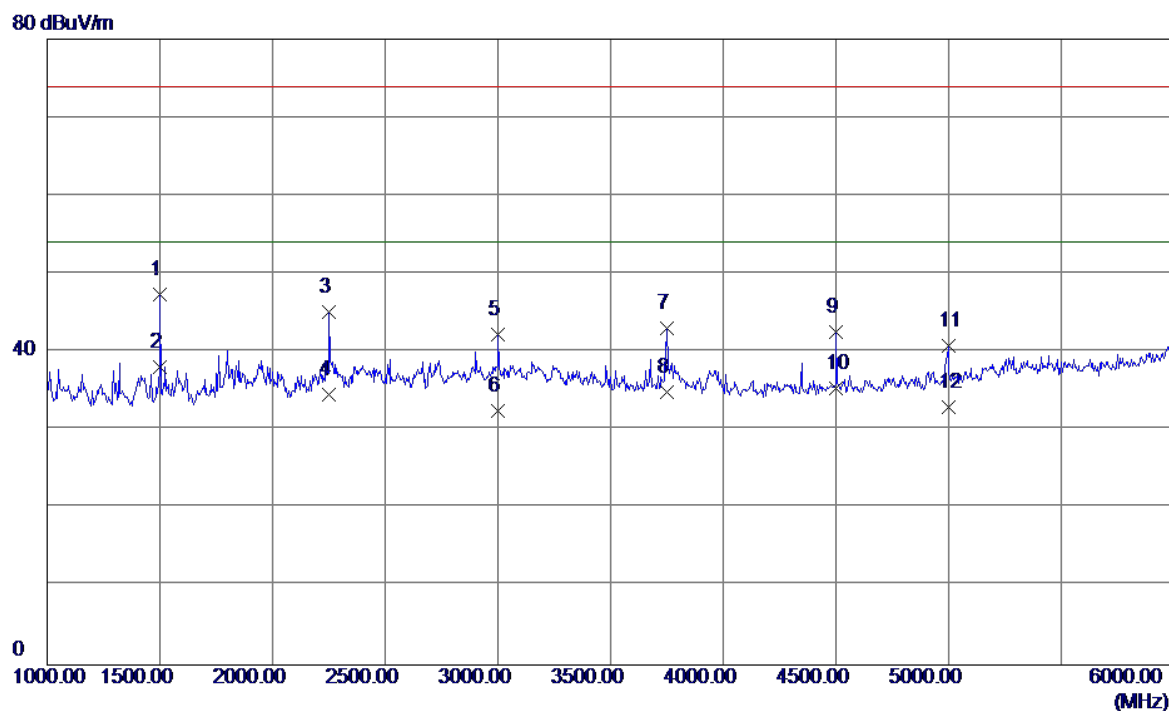
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Foxconn+Battery:Sunwoda LG+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1000.0000	47.35	-6.73	40.62	74.00	-33.38	Peak
2 *	1000.0000	38.90	-6.73	32.17	54.00	-21.83	AVG
3	1500.0000	47.40	-4.95	42.45	74.00	-31.55	Peak
4	1500.0000	36.80	-4.95	31.85	54.00	-22.15	AVG
5	2250.0000	41.38	-1.20	40.18	74.00	-33.82	Peak
6	2250.0000	32.40	-1.20	31.20	54.00	-22.80	AVG
7	2900.0000	38.85	1.95	40.80	74.00	-33.20	Peak
8	2900.0000	29.51	1.95	31.46	54.00	-22.54	AVG
9	3750.0000	36.56	2.49	39.05	74.00	-34.95	Peak
10	3750.0000	27.80	2.49	30.29	54.00	-23.71	AVG
11	4500.0000	36.83	3.88	40.71	74.00	-33.29	Peak
12	4500.0000	26.70	3.88	30.58	54.00	-23.42	AVG

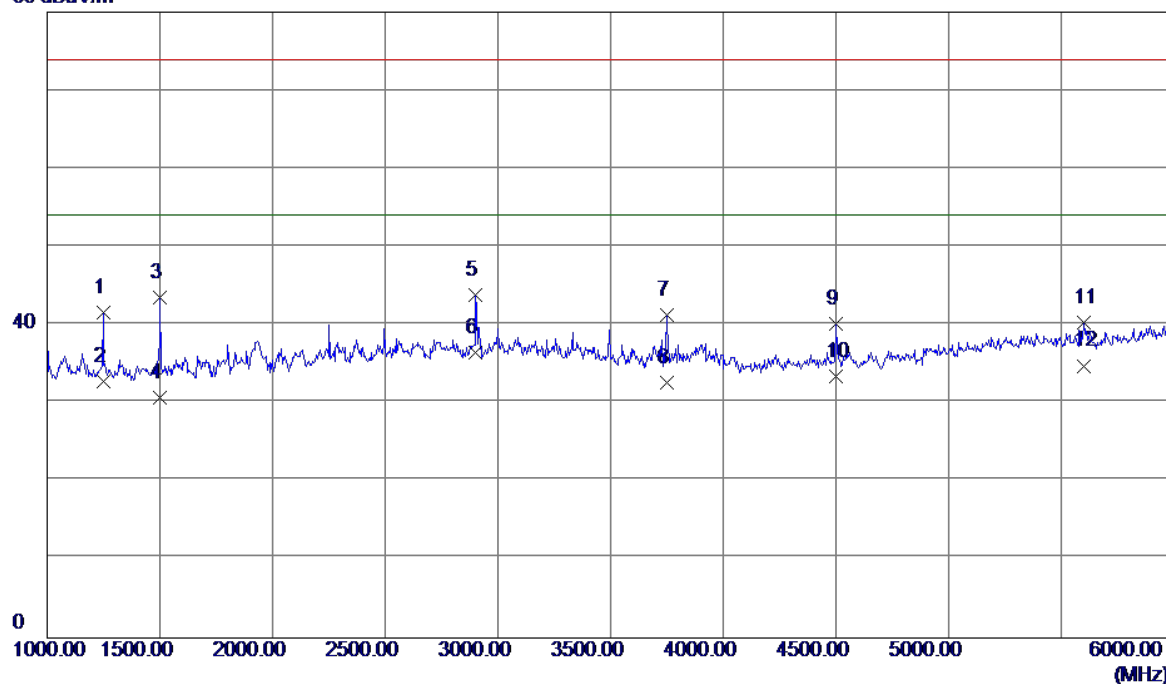
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable:Pengyi+Battery:Sunwoda ATL+Earphone:Quancheng		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1500.0000	52.37	-4.95	47.42	74.00	-26.58	Peak
2 *	1500.0000	43.10	-4.95	38.15	54.00	-15.85	AVG
3	2250.0000	46.35	-1.20	45.15	74.00	-28.85	Peak
4	2250.0000	35.70	-1.20	34.50	54.00	-19.50	AVG
5	3000.0000	39.85	2.40	42.25	74.00	-31.75	Peak
6	3000.0000	30.10	2.40	32.50	54.00	-21.50	AVG
7	3750.0000	40.62	2.49	43.11	74.00	-30.89	Peak
8	3750.0000	32.40	2.49	34.89	54.00	-19.11	AVG
9	4500.0000	38.72	3.88	42.60	74.00	-31.40	Peak
10	4500.0000	31.50	3.88	35.38	54.00	-18.62	AVG
11	4997.5000	34.49	6.30	40.79	74.00	-33.21	Peak
12	4997.5000	26.70	6.30	33.00	54.00	-21.00	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	USB copy(EUT with PC)+Idle+ Earphone		
Note	USB Cable: Pengyi+ Battery: Sunwoda ATL+ Earphone: Quancheng		
Test Engineer	Kevin Li		

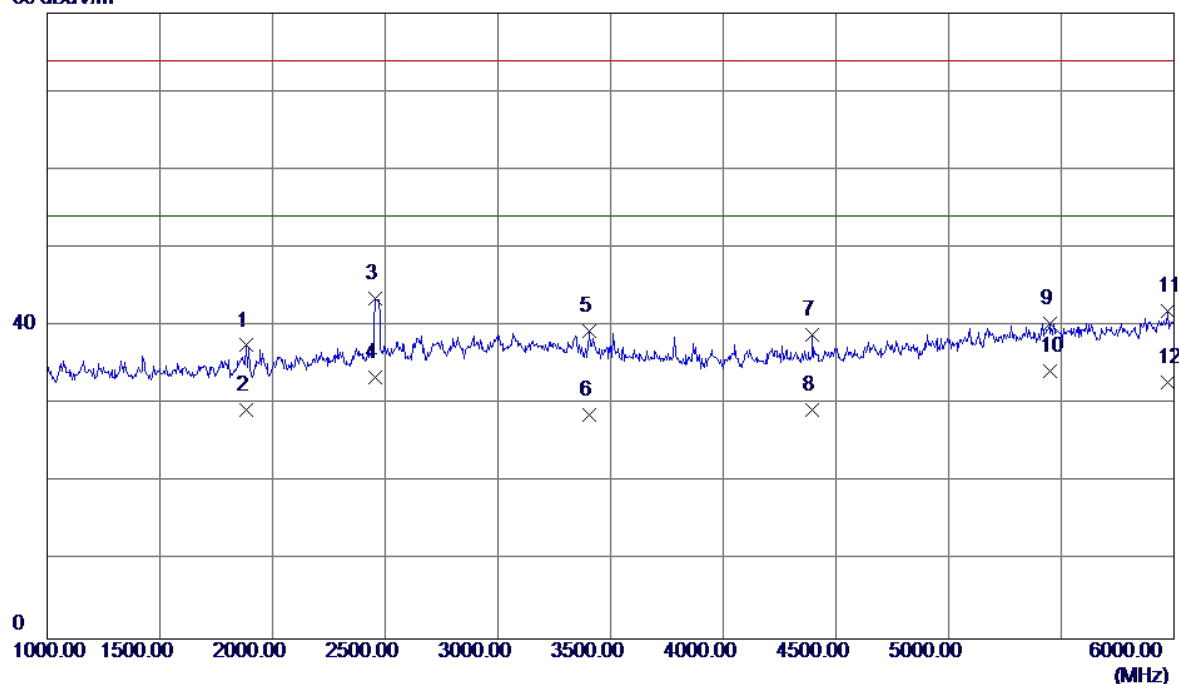
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1247.5000	47.44	-5.85	41.59	74.00	-32.41	Peak
2	1247.5000	38.61	-5.85	32.76	54.00	-21.24	AVG
3	1500.0000	48.43	-4.95	43.48	74.00	-30.52	Peak
4	1500.0000	35.60	-4.95	30.65	54.00	-23.35	AVG
5	2902.5000	41.87	1.97	43.84	74.00	-30.16	Peak
6 *	2902.5000	34.50	1.97	36.47	54.00	-17.53	AVG
7	3747.5000	38.72	2.49	41.21	74.00	-32.79	Peak
8	3747.5000	30.19	2.49	32.68	54.00	-21.32	AVG
9	4500.0000	36.34	3.88	40.22	74.00	-33.78	Peak
10	4500.0000	29.50	3.88	33.38	54.00	-20.62	AVG
11	5602.5000	32.25	8.10	40.35	74.00	-33.65	Peak
12	5602.5000	26.70	8.10	34.80	54.00	-19.20	AVG

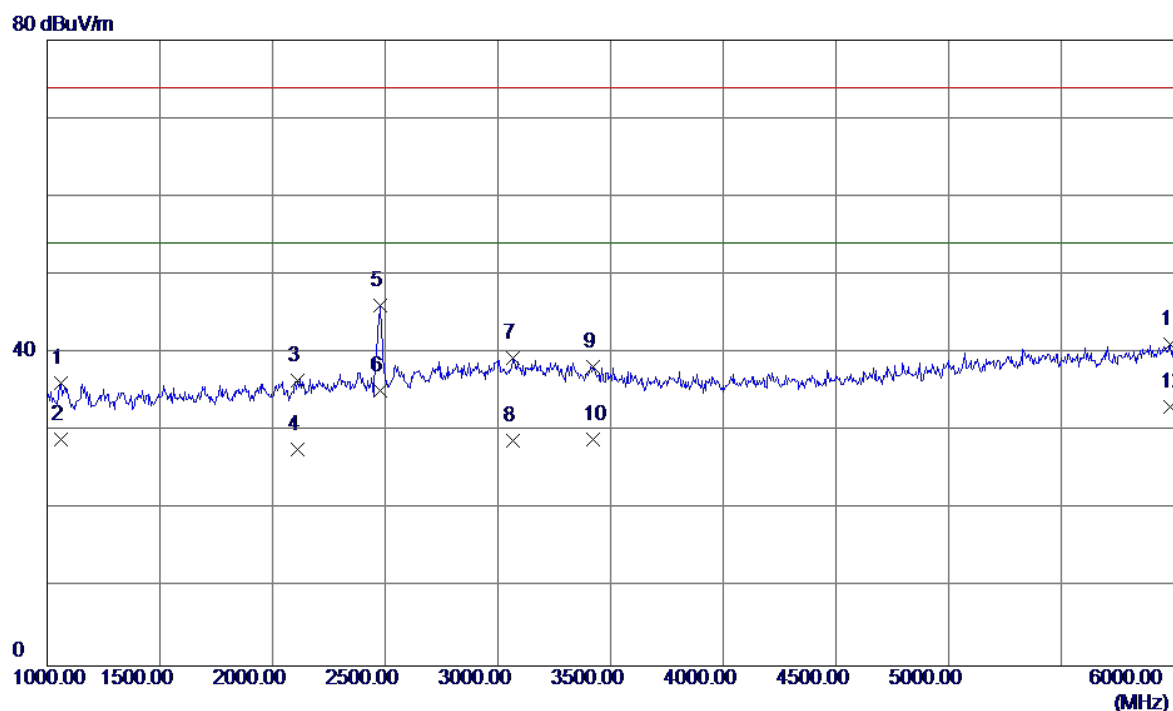
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



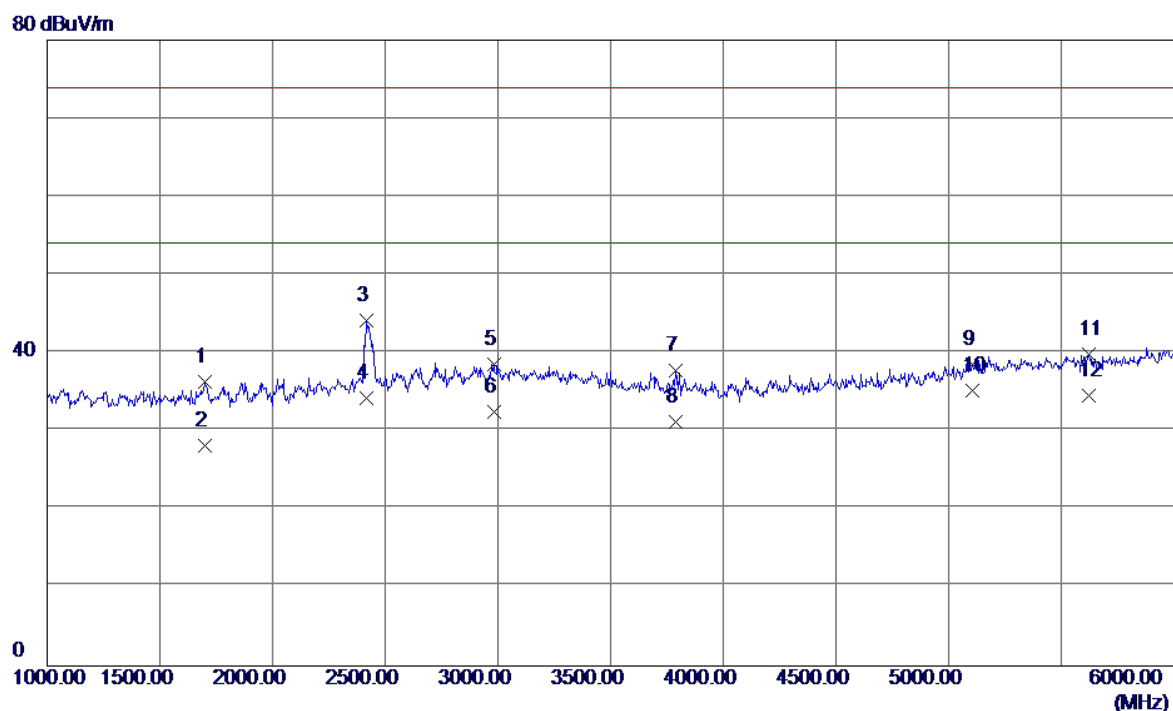
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1885.0000	40.64	-3.12	37.52	74.00	-36.48	Peak
2	1885.0000	32.40	-3.12	29.28	54.00	-24.72	AVG
3	2457.5000	43.64	-0.06	43.58	74.00	-30.42	Peak
4	2457.5000	33.49	-0.06	33.43	54.00	-20.57	AVG
5	3407.5000	37.09	2.28	39.37	74.00	-34.63	Peak
6	3407.5000	26.40	2.28	28.68	54.00	-25.32	AVG
7	4395.0000	35.25	3.64	38.89	74.00	-35.11	Peak
8	4395.0000	25.59	3.64	29.23	54.00	-24.77	AVG
9	5447.5000	32.48	7.83	40.31	74.00	-33.69	Peak
10 *	5447.5000	26.40	7.83	34.23	54.00	-19.77	AVG
11	5970.0000	33.44	8.43	41.87	74.00	-32.13	Peak
12	5970.0000	24.30	8.43	32.73	54.00	-21.27	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:BYD+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1062.5000	42.69	-6.51	36.18	74.00	-37.82	Peak
2	1062.5000	35.40	-6.51	28.89	54.00	-25.11	AVG
3	2110.0000	38.49	-1.97	36.52	74.00	-37.48	Peak
4	2110.0000	29.71	-1.97	27.74	54.00	-26.26	AVG
5	2477.5000	46.03	0.05	46.08	74.00	-27.92	Peak
6 *	2477.5000	35.20	0.05	35.25	54.00	-18.75	AVG
7	3067.5000	36.96	2.38	39.34	74.00	-34.66	Peak
8	3067.5000	26.40	2.38	28.78	54.00	-25.22	AVG
9	3422.5000	36.02	2.28	38.30	74.00	-35.70	Peak
10	3422.5000	26.70	2.28	28.98	54.00	-25.02	AVG
11	5982.5000	32.69	8.44	41.13	74.00	-32.87	Peak
12	5982.5000	24.61	8.44	33.05	54.00	-20.95	AVG

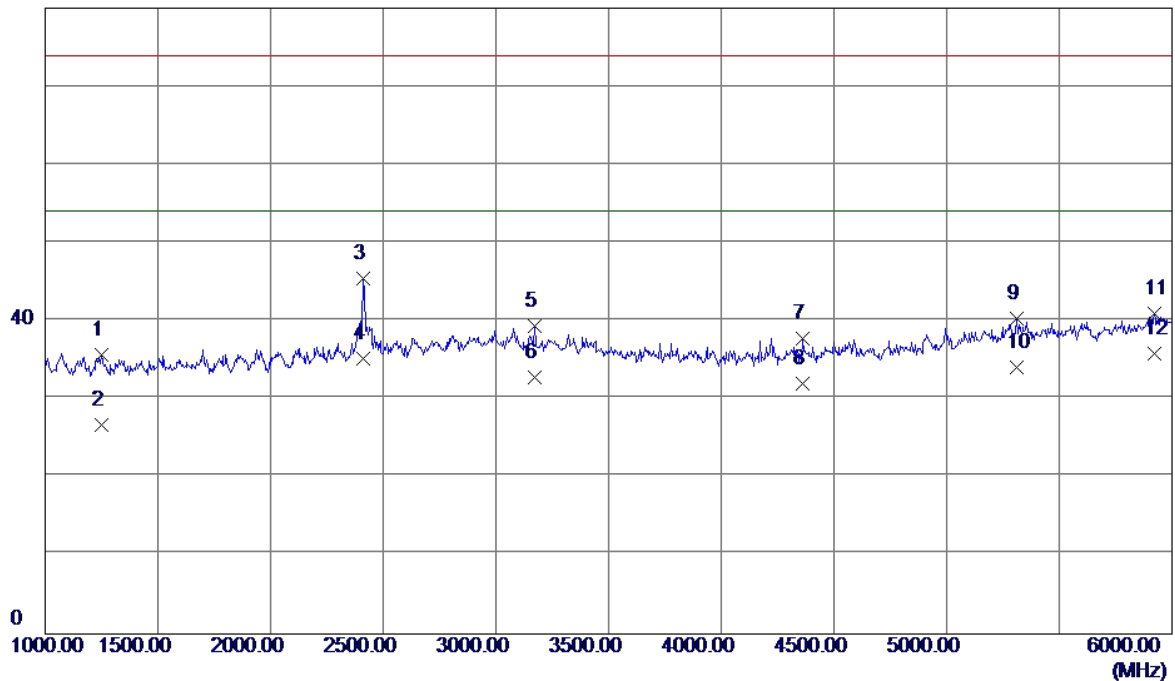
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1700.0000	40.26	-4.00	36.26	74.00	-37.74	Peak
2	1700.0000	32.10	-4.00	28.10	54.00	-25.90	AVG
3	2415.0000	44.53	-0.30	44.23	74.00	-29.77	Peak
4	2415.0000	34.60	-0.30	34.30	54.00	-19.70	AVG
5	2982.5000	36.29	2.32	38.61	74.00	-35.39	Peak
6	2982.5000	30.10	2.32	32.42	54.00	-21.58	AVG
7	3790.0000	35.23	2.52	37.75	74.00	-36.25	Peak
8	3790.0000	28.70	2.52	31.22	54.00	-22.78	AVG
9	5105.0000	31.87	6.67	38.54	74.00	-35.46	Peak
10 *	5105.0000	28.49	6.67	35.16	54.00	-18.84	AVG
11	5620.0000	31.65	8.12	39.77	74.00	-34.23	Peak
12	5620.0000	26.49	8.12	34.61	54.00	-19.39	AVG

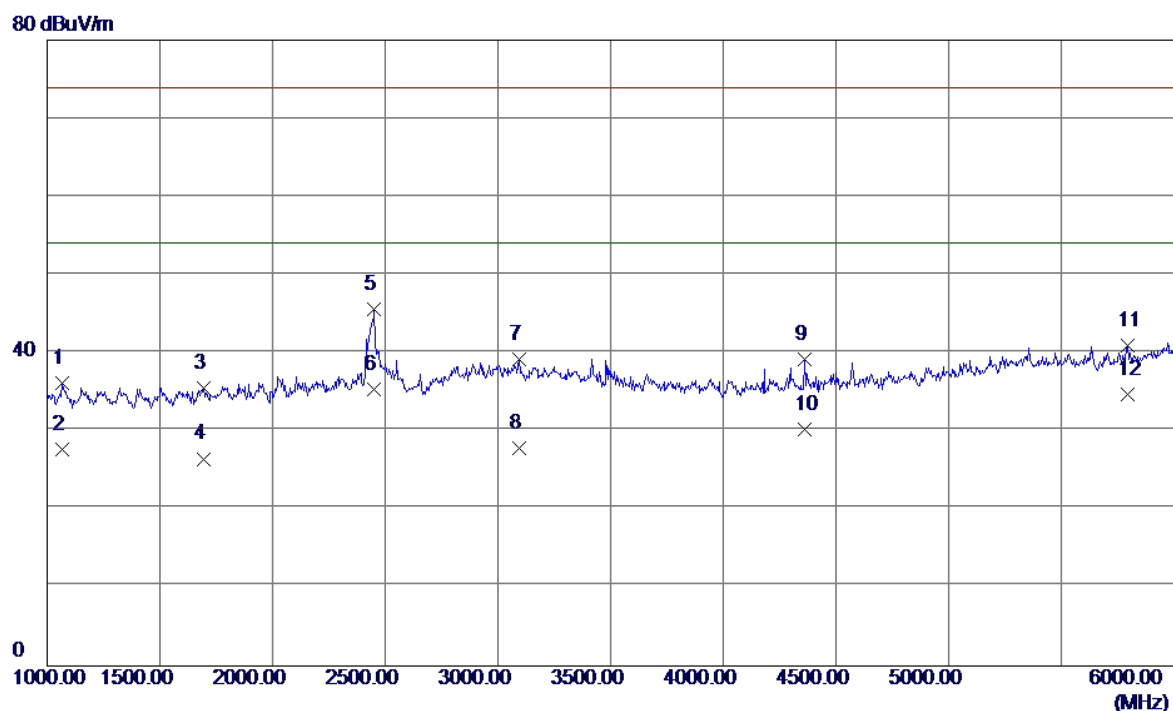
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



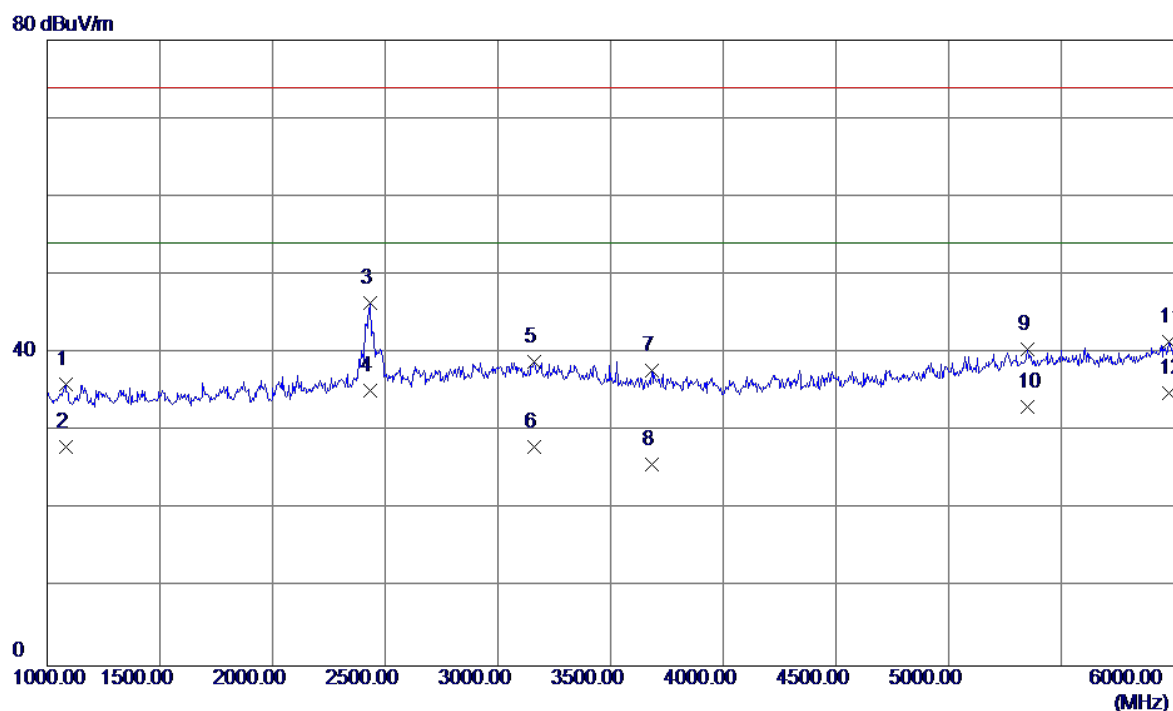
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1250.0000	41.50	-5.84	35.66	74.00	-38.34	Peak
2	1250.0000	32.60	-5.84	26.76	54.00	-27.24	AVG
3	2410.0000	45.81	-0.32	45.49	74.00	-28.51	Peak
4	2410.0000	35.51	-0.32	35.19	54.00	-18.81	AVG
5	3172.5000	36.94	2.35	39.29	74.00	-34.71	Peak
6	3172.5000	30.40	2.35	32.75	54.00	-21.25	AVG
7	4360.0000	34.25	3.56	37.81	74.00	-36.19	Peak
8	4360.0000	28.49	3.56	32.05	54.00	-21.95	AVG
9	5310.0000	32.89	7.36	40.25	74.00	-33.75	Peak
10	5310.0000	26.70	7.36	34.06	54.00	-19.94	AVG
11	5920.0000	32.50	8.39	40.89	74.00	-33.11	Peak
12 *	5920.0000	27.50	8.39	35.89	54.00	-18.11	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



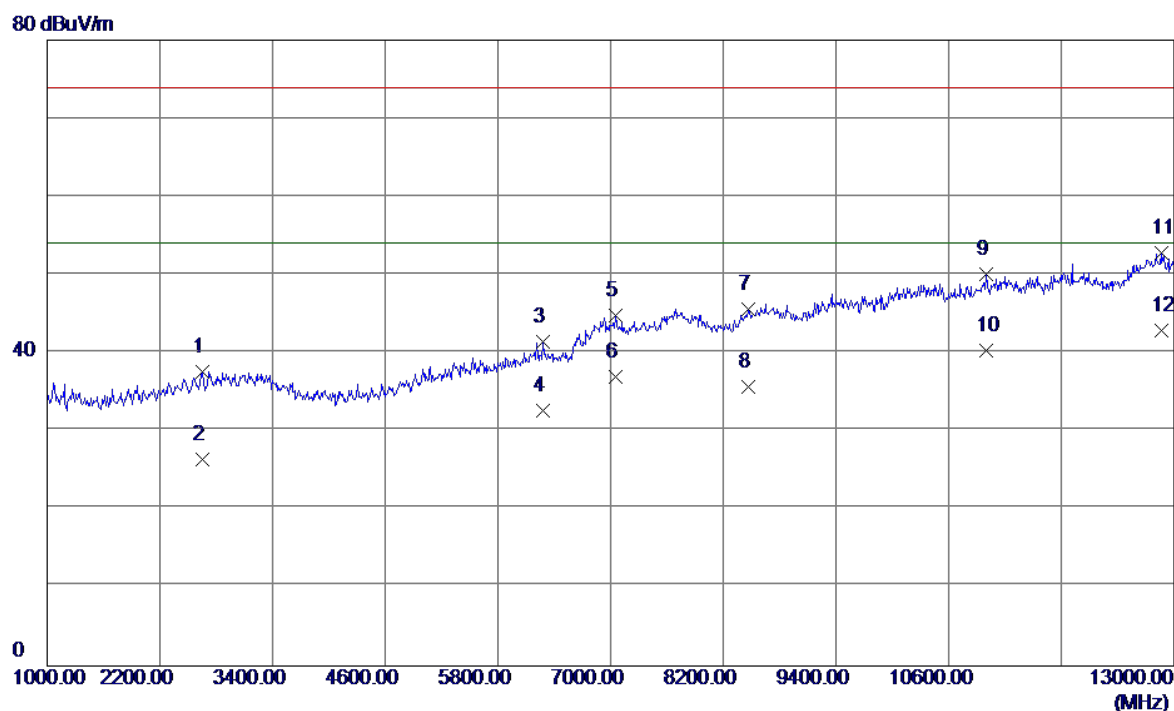
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1067.5000	42.60	-6.49	36.11	74.00	-37.89	Peak
2	1067.5000	34.21	-6.49	27.72	54.00	-26.28	AVG
3	1695.0000	39.61	-4.02	35.59	74.00	-38.41	Peak
4	1695.0000	30.50	-4.02	26.48	54.00	-27.52	AVG
5	2450.0000	45.76	-0.10	45.66	74.00	-28.34	Peak
6 *	2450.0000	35.39	-0.10	35.29	54.00	-18.71	AVG
7	3092.5000	36.89	2.37	39.26	74.00	-34.74	Peak
8	3092.5000	25.40	2.37	27.77	54.00	-26.23	AVG
9	4360.0000	35.64	3.56	39.20	74.00	-34.80	Peak
10	4360.0000	26.69	3.56	30.25	54.00	-23.75	AVG
11	5795.0000	32.68	8.28	40.96	74.00	-33.04	Peak
12	5795.0000	26.50	8.28	34.78	54.00	-19.22	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:Phitek+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



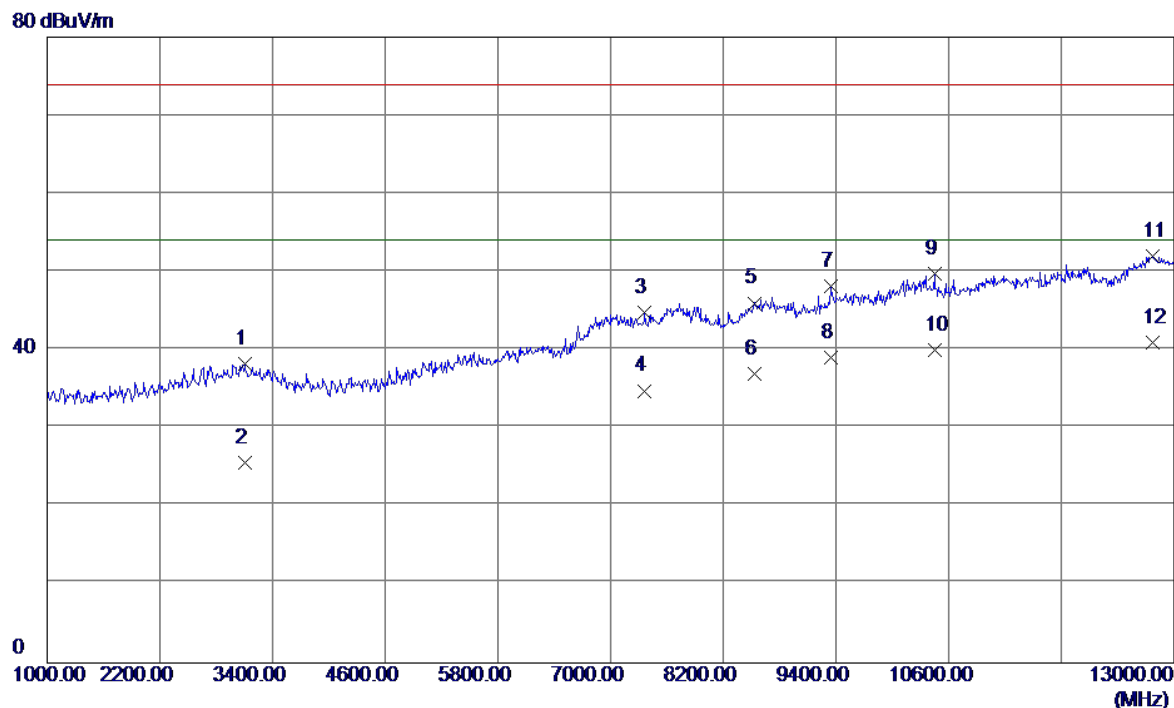
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1082.5000	42.43	-6.44	35.99	74.00	-38.01	Peak
2	1082.5000	34.50	-6.44	28.06	54.00	-25.94	AVG
3	2432.5000	46.61	-0.20	46.41	74.00	-27.59	Peak
4 *	2432.5000	35.40	-0.20	35.20	54.00	-18.80	AVG
5	3160.0000	36.56	2.35	38.91	74.00	-35.09	Peak
6	3160.0000	25.60	2.35	27.95	54.00	-26.05	AVG
7	3682.5000	35.41	2.42	37.83	74.00	-36.17	Peak
8	3682.5000	23.41	2.42	25.83	54.00	-28.17	AVG
9	5350.0000	33.00	7.50	40.50	74.00	-33.50	Peak
10	5350.0000	25.60	7.50	33.10	54.00	-20.90	AVG
11	5977.5000	33.05	8.44	41.49	74.00	-32.51	Peak
12	5977.5000	26.50	8.44	34.94	54.00	-19.06	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



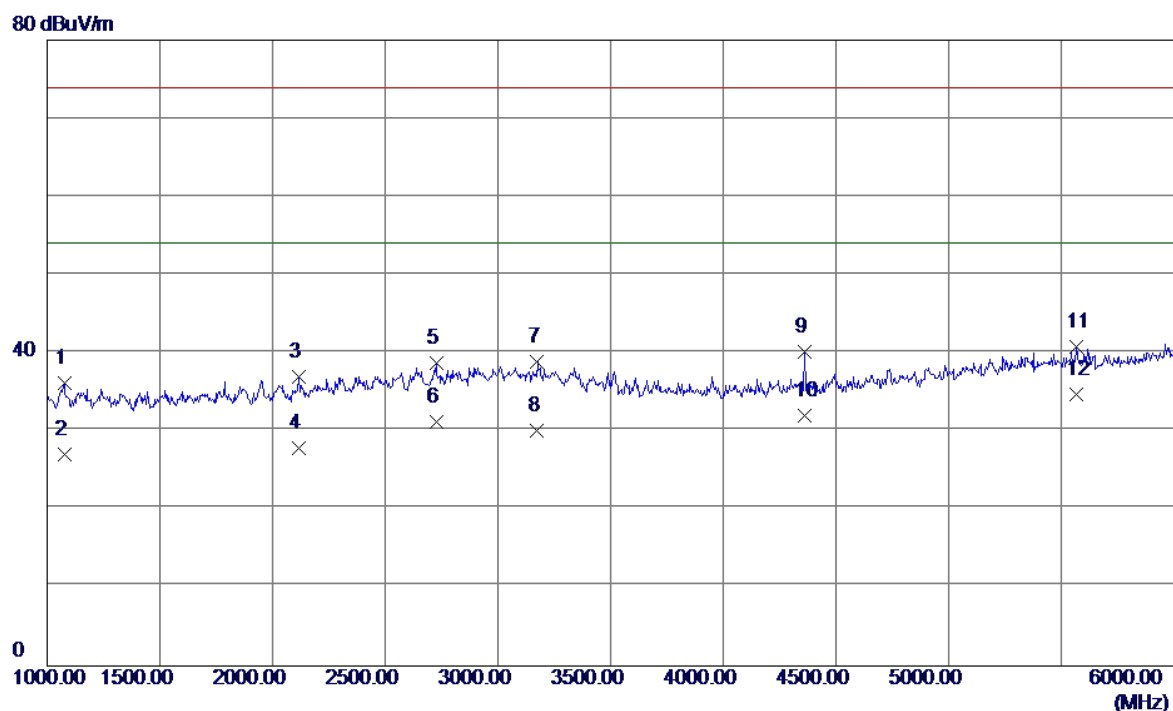
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	2656.0000	36.79	0.87	37.66	74.00	-36.34	Peak
2	2656.0000	25.60	0.87	26.47	54.00	-27.53	AVG
3	6286.0000	32.23	9.15	41.38	74.00	-32.62	Peak
4	6286.0000	23.49	9.15	32.64	54.00	-21.36	AVG
5	7054.0000	33.23	11.55	44.78	74.00	-29.22	Peak
6	7054.0000	25.40	11.55	36.95	54.00	-17.05	AVG
7	8470.0000	32.26	13.33	45.59	74.00	-28.41	Peak
8	8470.0000	22.39	13.33	35.72	54.00	-18.28	AVG
9	10996.0000	32.96	17.18	50.14	74.00	-23.86	Peak
10	10996.0000	23.20	17.18	40.38	54.00	-13.62	AVG
11	12862.0000	34.12	18.61	52.73	74.00	-21.27	Peak
12 *	12862.0000	24.21	18.61	42.82	54.00	-11.18	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+BT+WIFI+GPS+Camera on+Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



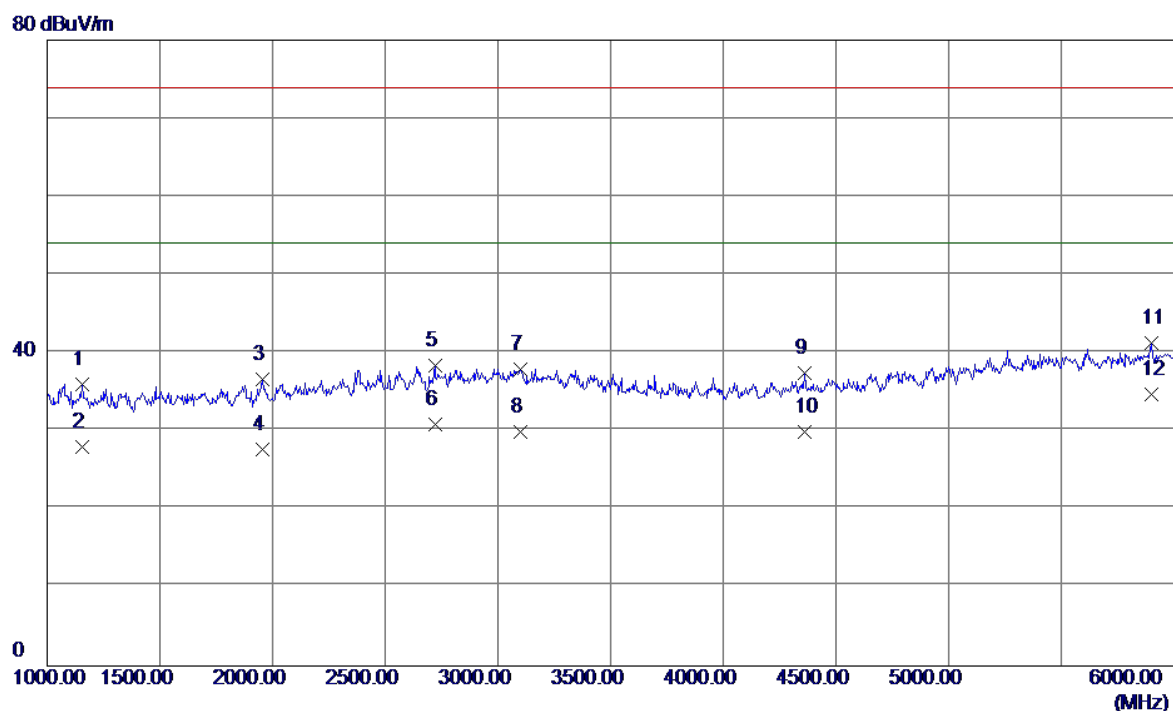
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	3106.0000	35.90	2.37	38.27	74.00	-35.73	Peak
2	3106.0000	23.29	2.37	25.66	54.00	-28.34	AVG
3	7360.0000	32.44	12.30	44.74	74.00	-29.26	Peak
4	7360.0000	22.50	12.30	34.80	54.00	-19.20	AVG
5	8536.0000	32.54	13.46	46.00	74.00	-28.00	Peak
6	8536.0000	23.51	13.46	36.97	54.00	-17.03	AVG
7	9346.0000	33.66	14.53	48.19	74.00	-25.81	Peak
8	9346.0000	24.50	14.53	39.03	54.00	-14.97	AVG
9	10450.0000	33.20	16.56	49.76	74.00	-24.24	Peak
10	10450.0000	23.50	16.56	40.06	54.00	-13.94	AVG
11	12778.0000	33.56	18.49	52.05	74.00	-21.95	Peak
12 *	12778.0000	22.40	18.49	40.89	54.00	-13.11	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1077.5000	42.60	-6.45	36.15	74.00	-37.85	Peak
2	1077.5000	33.50	-6.45	27.05	54.00	-26.95	AVG
3	2117.5000	38.94	-1.93	37.01	74.00	-36.99	Peak
4	2117.5000	29.71	-1.93	27.78	54.00	-26.22	AVG
5	2727.5000	37.54	1.18	38.72	74.00	-35.28	Peak
6	2727.5000	30.01	1.18	31.19	54.00	-22.81	AVG
7	3175.0000	36.50	2.35	38.85	74.00	-35.15	Peak
8	3175.0000	27.80	2.35	30.15	54.00	-23.85	AVG
9	4360.0000	36.61	3.56	40.17	74.00	-33.83	Peak
10	4360.0000	28.39	3.56	31.95	54.00	-22.05	AVG
11	5565.0000	32.78	8.07	40.85	74.00	-33.15	Peak
12 *	5565.0000	26.69	8.07	34.76	54.00	-19.24	AVG

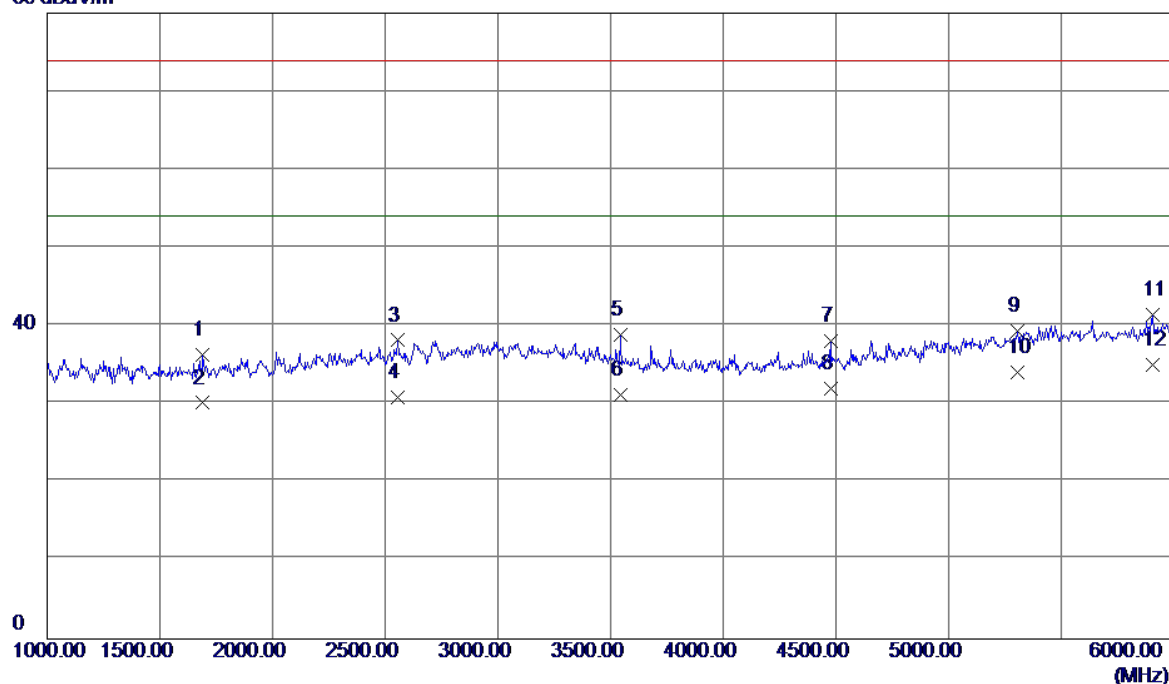
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Idle+Playing+Speaker		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1157.5000	42.24	-6.17	36.07	74.00	-37.93	Peak
2	1157.5000	34.21	-6.17	28.04	54.00	-25.96	AVG
3	1955.0000	39.49	-2.78	36.71	74.00	-37.29	Peak
4	1955.0000	30.49	-2.78	27.71	54.00	-26.29	AVG
5	2720.0000	37.32	1.15	38.47	74.00	-35.53	Peak
6	2720.0000	29.70	1.15	30.85	54.00	-23.15	AVG
7	3100.0000	35.58	2.37	37.95	74.00	-36.05	Peak
8	3100.0000	27.50	2.37	29.87	54.00	-24.13	AVG
9	4360.0000	33.88	3.56	37.44	74.00	-36.56	Peak
10	4360.0000	26.39	3.56	29.95	54.00	-24.05	AVG
11	5902.5000	32.97	8.37	41.34	74.00	-32.66	Peak
12 *	5902.5000	26.30	8.37	34.67	54.00	-19.33	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

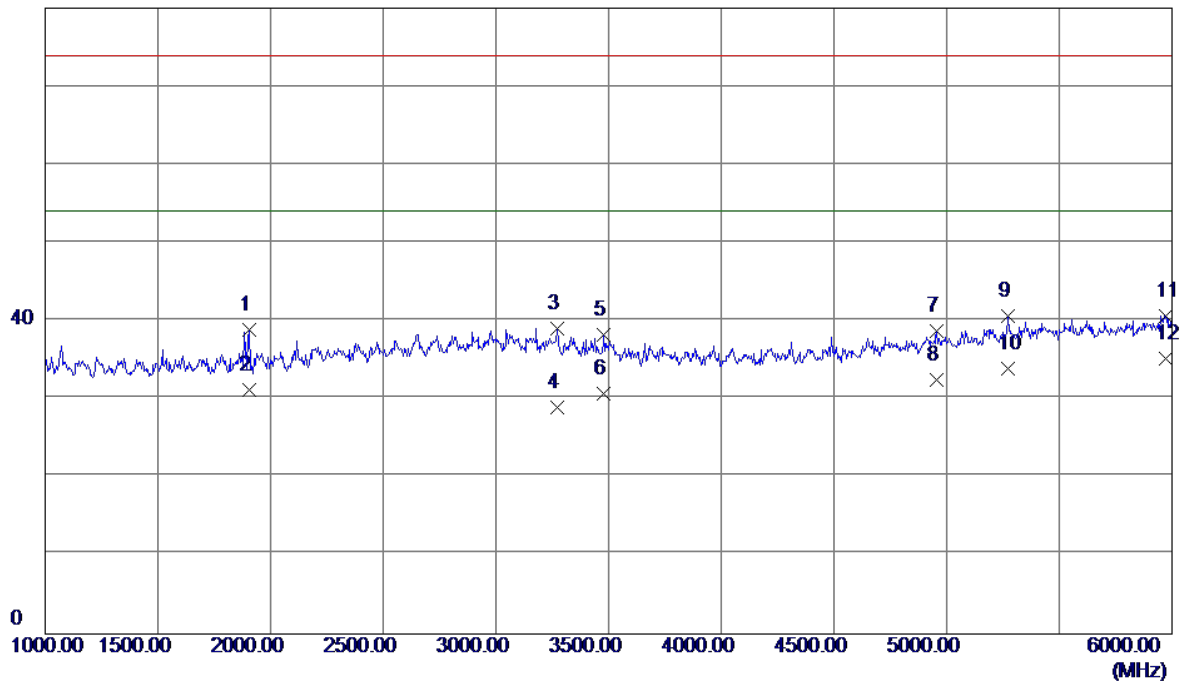
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1690.0000	40.35	-4.05	36.30	74.00	-37.70	Peak
2	1690.0000	34.21	-4.05	30.16	54.00	-23.84	AVG
3	2557.5000	37.73	0.43	38.16	74.00	-35.84	Peak
4	2557.5000	30.39	0.43	30.82	54.00	-23.18	AVG
5	3542.5000	36.58	2.29	38.87	74.00	-35.13	Peak
6	3542.5000	28.98	2.29	31.27	54.00	-22.73	AVG
7	4477.5000	34.31	3.83	38.14	74.00	-35.86	Peak
8	4477.5000	28.20	3.83	32.03	54.00	-21.97	AVG
9	5305.0000	32.02	7.35	39.37	74.00	-34.63	Peak
10	5305.0000	26.70	7.35	34.05	54.00	-19.95	AVG
11	5907.5000	33.01	8.38	41.39	74.00	-32.61	Peak
12 *	5907.5000	26.60	8.38	34.98	54.00	-19.02	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (GSM)+ Earphone		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

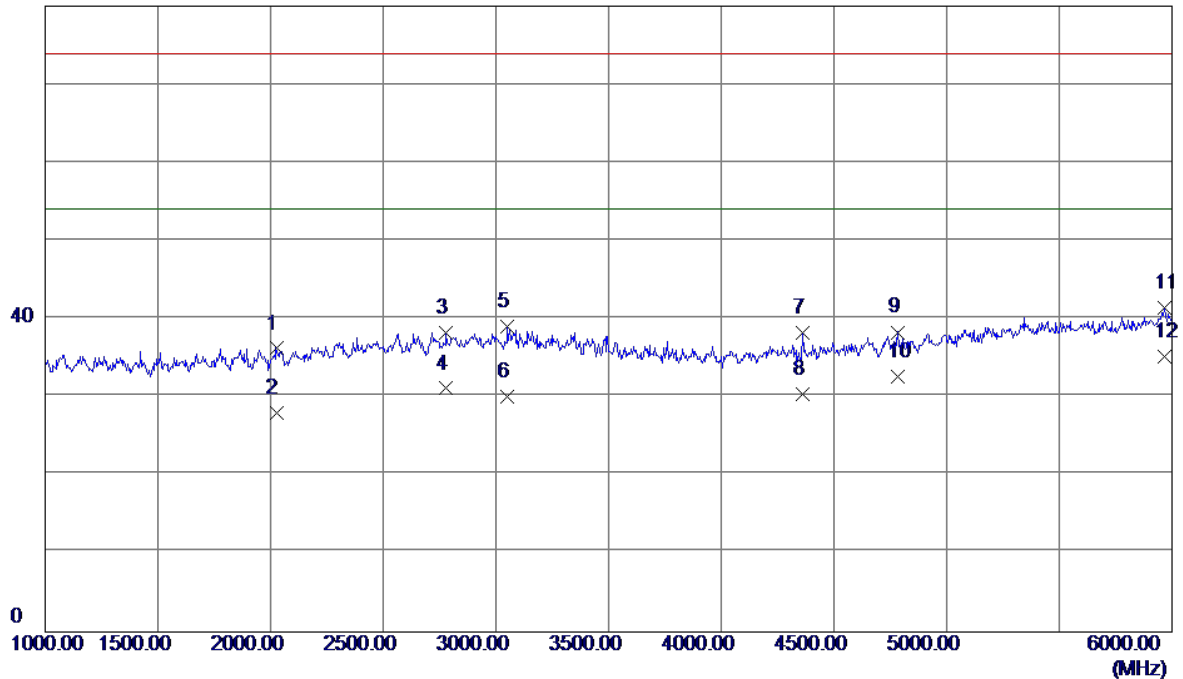
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1905.0000	41.87	-3.02	38.85	74.00	-35.15	Peak
2	1905.0000	34.19	-3.02	31.17	54.00	-22.83	AVG
3	3270.0000	36.75	2.32	39.07	74.00	-34.93	Peak
4	3270.0000	26.70	2.32	29.02	54.00	-24.98	AVG
5	3480.0000	36.01	2.26	38.27	74.00	-35.73	Peak
6	3480.0000	28.50	2.26	30.76	54.00	-23.24	AVG
7	4957.5000	32.60	6.10	38.70	74.00	-35.30	Peak
8	4957.5000	26.40	6.10	32.50	54.00	-21.50	AVG
9	5272.5000	33.46	7.24	40.70	74.00	-33.30	Peak
10	5272.5000	26.70	7.24	33.94	54.00	-20.06	AVG
11	5970.0000	32.22	8.43	40.65	74.00	-33.35	Peak
12 *	5970.0000	26.70	8.43	35.13	54.00	-18.87	AVG

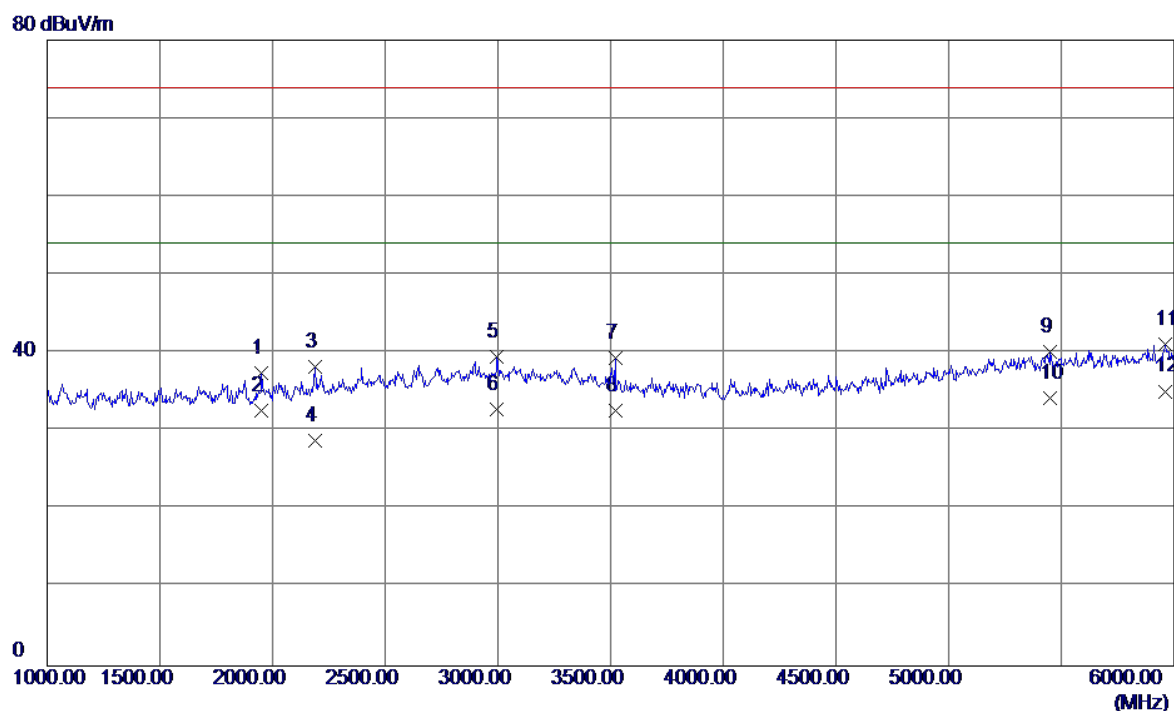
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



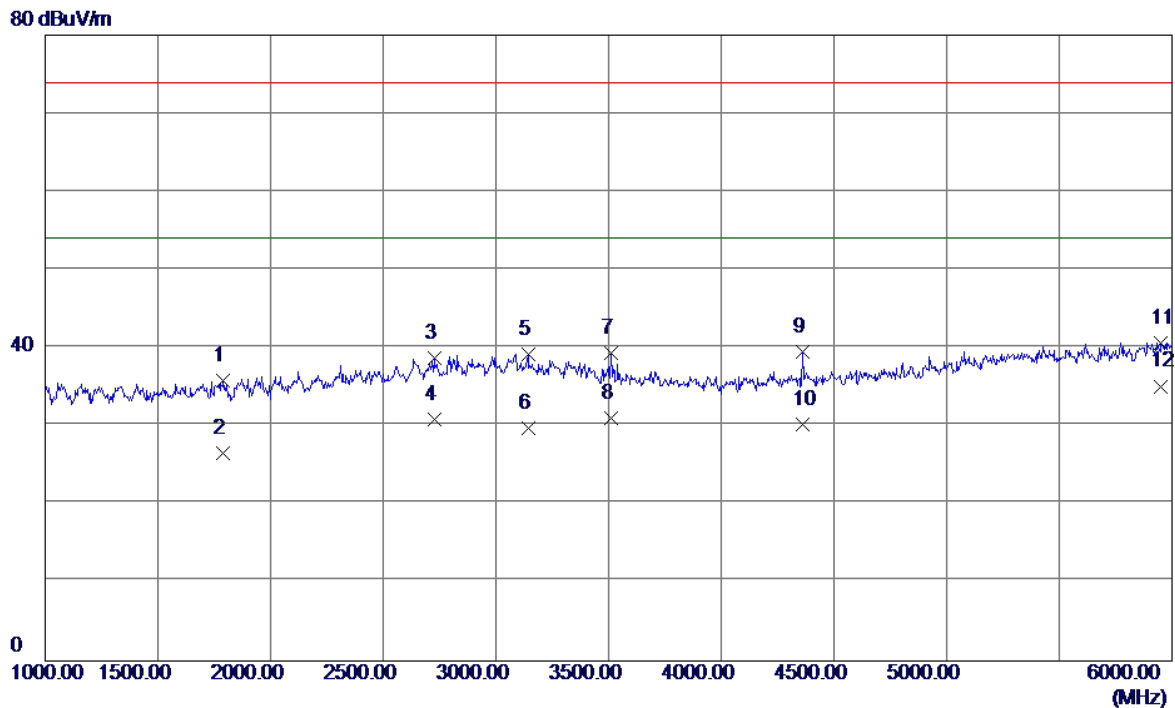
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	2025.0000	38.67	-2.43	36.24	74.00	-37.76	Peak
2	2025.0000	30.39	-2.43	27.96	54.00	-26.04	AVG
3	2780.0000	36.86	1.42	38.28	74.00	-35.72	Peak
4	2780.0000	29.70	1.42	31.12	54.00	-22.88	AVG
5	3050.0000	36.59	2.39	38.98	74.00	-35.02	Peak
6	3050.0000	27.69	2.39	30.08	54.00	-23.92	AVG
7	4360.0000	34.64	3.56	38.20	74.00	-35.80	Peak
8	4360.0000	26.79	3.56	30.35	54.00	-23.65	AVG
9	4785.0000	33.05	5.27	38.32	74.00	-35.68	Peak
10	4785.0000	27.39	5.27	32.66	54.00	-21.34	AVG
11	5967.5000	32.96	8.43	41.39	74.00	-32.61	Peak
12 *	5967.5000	26.70	8.43	35.13	54.00	-18.87	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (WCDMA)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1950.0000	40.27	-2.81	37.46	74.00	-36.54	Peak
2	1950.0000	35.40	-2.81	32.59	54.00	-21.41	AVG
3	2187.5000	39.81	-1.54	38.27	74.00	-35.73	Peak
4	2187.5000	30.40	-1.54	28.86	54.00	-25.14	AVG
5	2995.0000	37.20	2.38	39.58	74.00	-34.42	Peak
6	2995.0000	30.40	2.38	32.78	54.00	-21.22	AVG
7	3520.0000	37.13	2.27	39.40	74.00	-34.60	Peak
8	3520.0000	30.40	2.27	32.67	54.00	-21.33	AVG
9	5447.5000	32.30	7.83	40.13	74.00	-33.87	Peak
10	5447.5000	26.40	7.83	34.23	54.00	-19.77	AVG
11	5962.5000	32.63	8.43	41.06	74.00	-32.94	Peak
12 *	5962.5000	26.69	8.43	35.12	54.00	-18.88	AVG

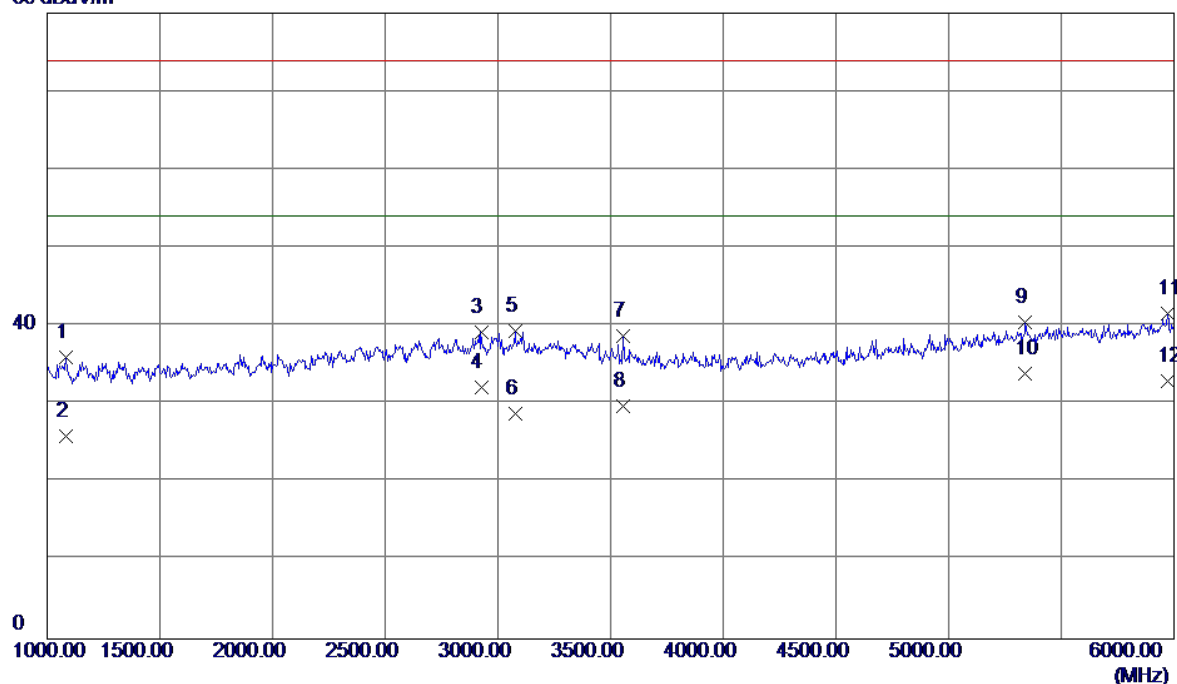
EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1790.0000	39.43	-3.57	35.86	74.00	-38.14	Peak
2	1790.0000	30.10	-3.57	26.53	54.00	-27.47	AVG
3	2727.5000	37.47	1.18	38.65	74.00	-35.35	Peak
4	2727.5000	29.71	1.18	30.89	54.00	-23.11	AVG
5	3142.5000	36.84	2.36	39.20	74.00	-34.80	Peak
6	3142.5000	27.39	2.36	29.75	54.00	-24.25	AVG
7	3510.0000	37.13	2.26	39.39	74.00	-34.61	Peak
8	3510.0000	28.71	2.26	30.97	54.00	-23.03	AVG
9	4360.0000	35.98	3.56	39.54	74.00	-34.46	Peak
10	4360.0000	26.69	3.56	30.25	54.00	-23.75	AVG
11	5950.0000	32.29	8.41	40.70	74.00	-33.30	Peak
12 *	5950.0000	26.71	8.41	35.12	54.00	-18.88	AVG

EUT	Smart Phone	Model Name	BLL-L23
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Adapter+Traffic (LTE)		
Note	Adapter:HK+USB		
	Cable:Liansheng+Battery:Desay+Earphone:Lianchuang		
Test Engineer	Kevin Li		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1085.0000	42.40	-6.43	35.97	74.00	-38.03	Peak
2	1085.0000	32.41	-6.43	25.98	54.00	-28.02	AVG
3	2925.0000	37.13	2.07	39.20	74.00	-34.80	Peak
4	2925.0000	30.09	2.07	32.16	54.00	-21.84	AVG
5	3077.5000	36.98	2.38	39.36	74.00	-34.64	Peak
6	3077.5000	26.40	2.38	28.78	54.00	-25.22	AVG
7	3557.5000	36.38	2.31	38.69	74.00	-35.31	Peak
8	3557.5000	27.40	2.31	29.71	54.00	-24.29	AVG
9	5340.0000	33.07	7.47	40.54	74.00	-33.46	Peak
10 *	5340.0000	26.40	7.47	33.87	54.00	-20.13	AVG
11	5970.0000	33.23	8.43	41.66	74.00	-32.34	Peak
12	5970.0000	24.50	8.43	32.93	54.00	-21.07	AVG