AS/NZS EMC Test Report

Project No.	:	1505C099
Equipment	:	IP Phone
Model Name	:	X5G
Applicant	:	Fanvil Technology Co.Ltd
Address	:	3F, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th Dist., Bao'An, Shenzhen, 518101, China

Date of Receipt	:	May 12, 2015
Date of Test	:	May 12, 2015 ~ Jun. 05, 2015
Issued Date	:	Jun. 08, 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.**

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

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BTL's laboratory quality assurance procedures are in compliance with the **ISO 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-RCM-1-1505C099	Original Issue.	Jun. 08, 2015

1. CERTIFICATION

Equipment	:	IP Phone
Brand Name	:	Fanvil
Model Name	:	X5G
Applicant	:	Fanvil Technology Co.Ltd
Date of Test	:	May 12, 2015 ~ Jun. 05, 2015
Test Sample	:	ENGINEERING SAMPLE
Standard(s)	:	AS/NZS CISPR 22: 2009+A1:2010 / CISPR 22:2008 Class B

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-RCM-1-1505C099) 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 standards:

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
AS/NZS CISPR 22: 2009+A1:2010	Conducted Emission	Class B	PASS	
	Conducted Telecommunication ports	Class B	PASS	
	Radiated Emission	Class B	PASS	

NOTE:

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

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	2.32	

B. ISN Measurement:

Test Site	Method	Test item	U,(dB)	Note
DG-C02	CISPR	ISN	5.62	
		Capacitive Voltage Probe	2.56	
		RF Current Probe	1.58	

C. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)	Note
DG-CB08 (10m)	CISPR	30MHz ~ 200MHz	V	4.04	
		30MHz ~ 200MHz	H	4.04	
		200MHz ~ 1,000MHz	V	4.08	
		200MHz ~ 1,000MHz	H	4.02	

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)	Note
DG-CB03	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	IP Phone
Brand Name	Fanvil
Model Name	X5G
Model Difference	N/A
Power Source	1# DC Voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN FRECOM ELECTRONICS CO.,LTD Model: F05W-050100SPAS 2# Supplied from PoE
Power Rating	1# I/P: AC100-240V 50/60Hz 190mA O/P: DC5V 1A 2# DC 48V

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. The maximum operating frequency is 166MHz.

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	Handfree
Mode 2	Handset
Mode 3	Headphone
Mode 4	LAN 1Gbps
Mode 5	LAN 100Mbps
Mode 6	LAN 10Mbps
Mode 7	WAN 1Gbps
Mode 8	WAN 100Mbps
Mode 9	WAN 10Mbps

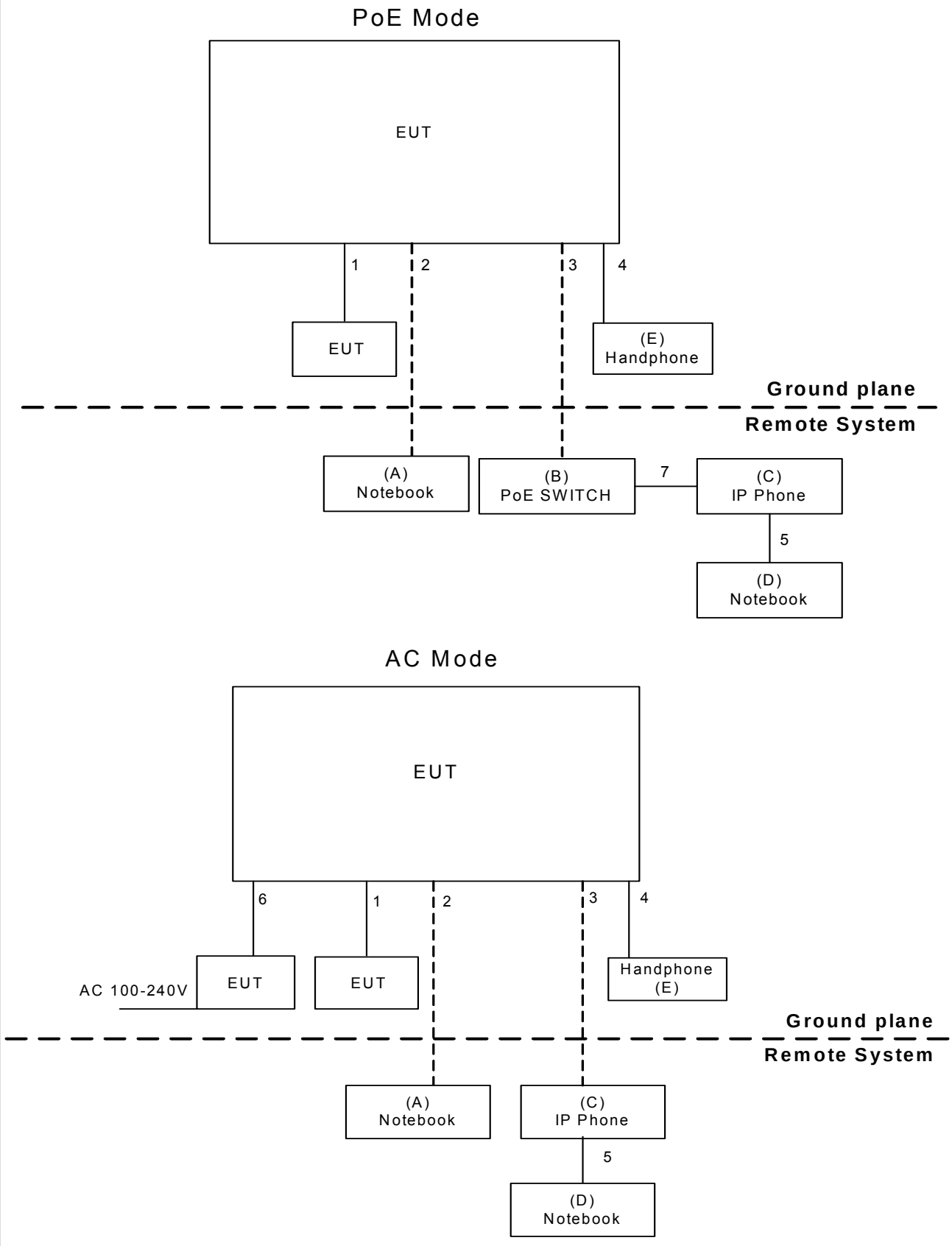
The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Headphone

For ISN Test	
Final Test Mode	Description
Mode 4	LAN 1Gbps
Mode 5	LAN 100Mbps
Mode 6	LAN 10Mbps
Mode 7	WAN 1Gbps
Mode 8	WAN 100Mbps
Mode 9	WAN 10Mbps

For Radiated Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Headphone

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	Notebook	HP	8460P	DOC	CNU1301BJ3	
B	PoE SWITCH	D-LINK	DGS-1008P	N/A	QB842D1000045	
C	IP PHONE	FANVIL	X5G	DOC	N/A	
D	NOTEBOOK	DELL	INSPIRON 1420	DOC	JX193A01SDC2	
E	Handphone	FANVIL	N/A	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	RJ11 Cable
2	NO	NO	15m	RJ45 Cable
3	NO	NO	15m	RJ45 Cable
4	NO	NO	3m	Audio Cable
5	NO	NO	1m	RJ45 Cable
6	NO	NO	1.8m	DC Cable
7	NO	NO	1m	RJ45 Cable

Note:

(1) The support equipment was authorized by Declaration of Conformity.
(2) 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 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	N/A	C_17	N/A	Mar.13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Remark: " N/A" denotes no model name, serial no. and no calibration specified.

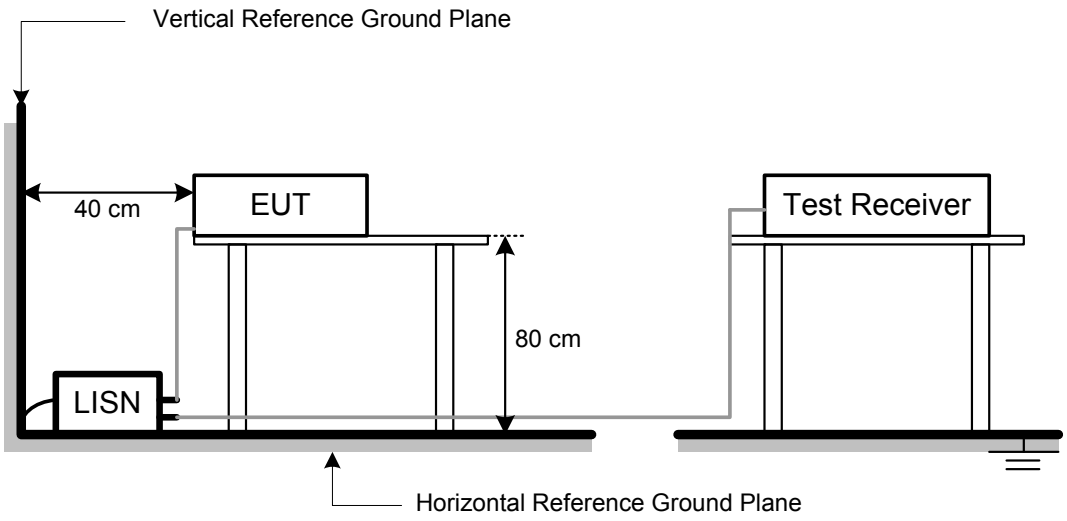
4.1.3 TEST PROCEDURE

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).

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT USB 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

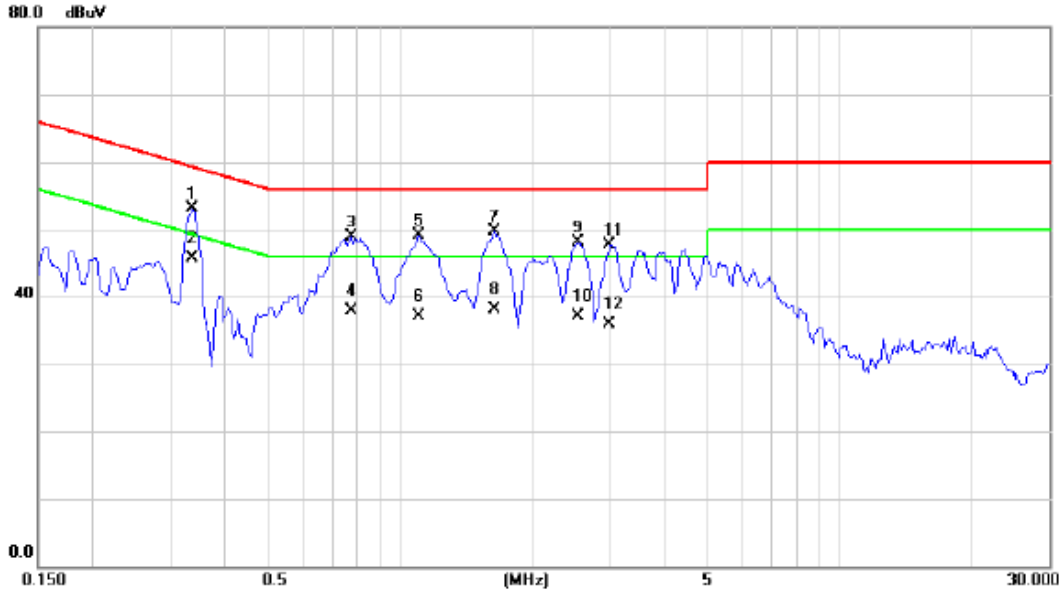
Remark:

(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。

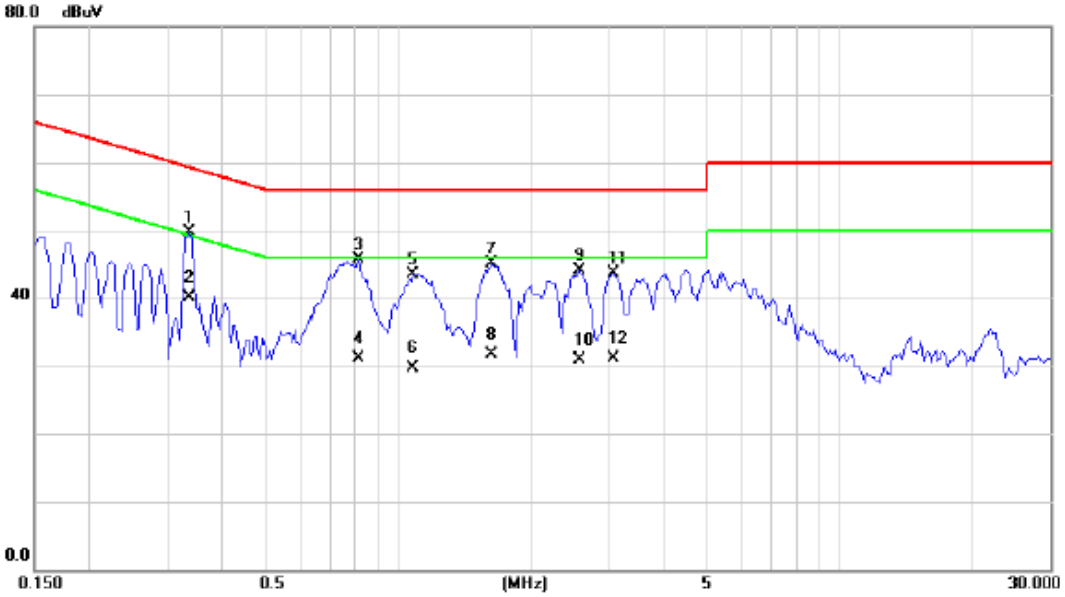
(3) Measuring frequency range from 150KHz to 30MHz。

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Phase :	Line



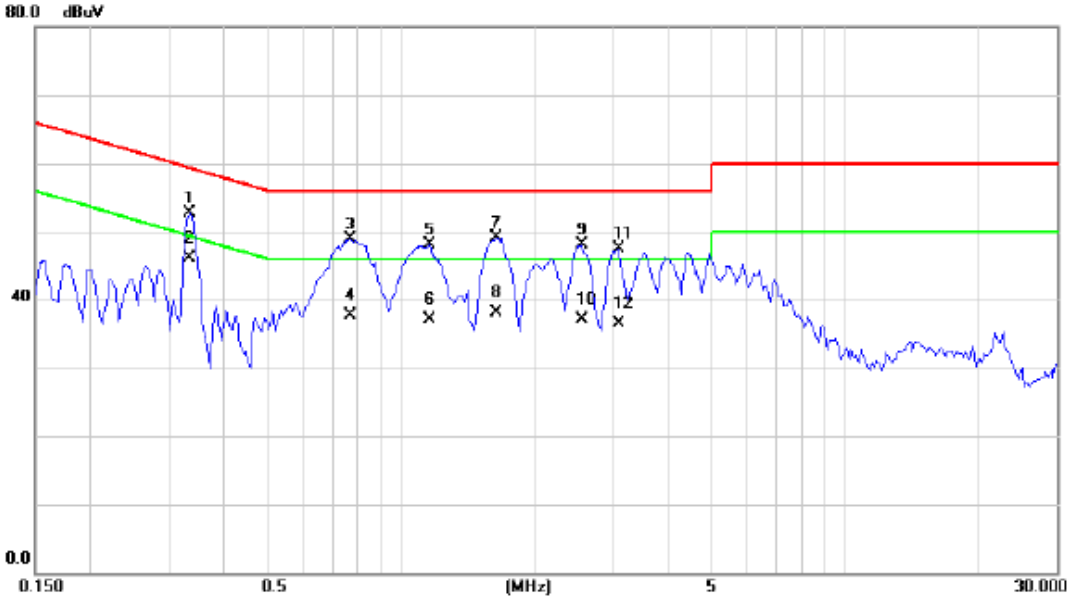
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	43.41	9.77	53.18	59.26	-6.08	peak	
2	*	0.3375	36.00	9.77	45.77	49.26	-3.49	AVG	
3		0.7750	39.05	9.93	48.98	56.00	-7.02	peak	
4		0.7750	27.90	9.93	37.83	46.00	-8.17	AVG	
5		1.1070	39.13	10.00	49.13	56.00	-6.87	peak	
6		1.1070	27.10	10.00	37.10	46.00	-8.90	AVG	
7		1.6383	39.77	9.90	49.67	56.00	-6.33	peak	
8		1.6383	28.30	9.90	38.20	46.00	-7.80	AVG	
9		2.5367	38.10	9.94	48.04	56.00	-7.96	peak	
10		2.5367	27.10	9.94	37.04	46.00	-8.96	AVG	
11		2.9977	37.88	9.82	47.70	56.00	-8.30	peak	
12		2.9977	26.10	9.82	35.92	46.00	-10.08	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Phase :	Neutral



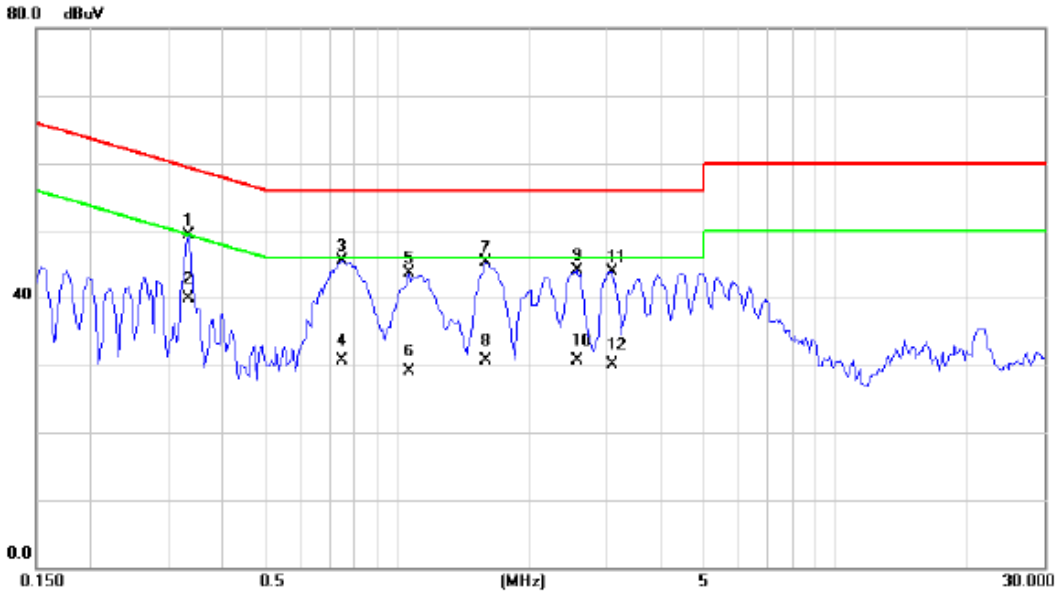
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	40.01	9.63	49.64	59.26	-9.62	peak	
2	*	0.3375	30.40	9.63	40.03	49.26	-9.23	AVG	
3		0.8141	36.07	9.73	45.80	56.00	-10.20	peak	
4		0.8141	21.30	9.73	31.03	46.00	-14.97	AVG	
5		1.0797	33.76	9.79	43.55	56.00	-12.45	peak	
6		1.0797	19.90	9.79	29.69	46.00	-16.31	AVG	
7		1.6305	35.16	9.85	45.01	56.00	-10.99	peak	
8		1.6305	21.80	9.85	31.65	46.00	-14.35	AVG	
9		2.5680	34.22	9.86	44.08	56.00	-11.92	peak	
10		2.5680	21.10	9.86	30.96	46.00	-15.04	AVG	
11		3.0664	33.87	9.81	43.68	56.00	-12.32	peak	
12		3.0664	21.20	9.81	31.01	46.00	-14.99	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Phase :	Line



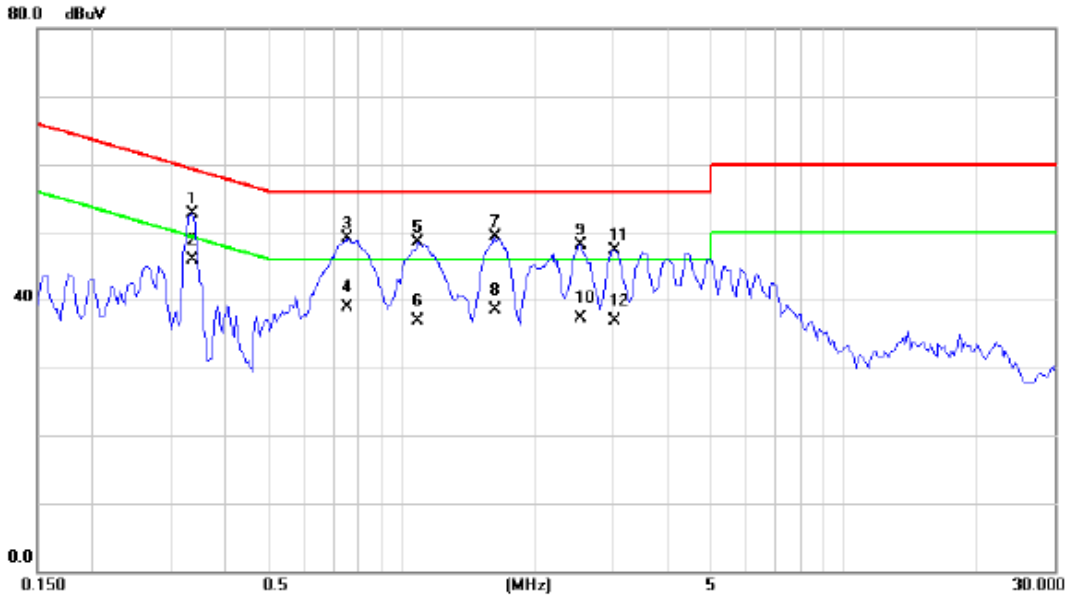
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3336	43.03	9.77	52.80	59.36	-6.56	peak	
2	*	0.3336	36.40	9.77	46.17	49.36	-3.19	AVG	
3		0.7672	39.05	9.92	48.97	56.00	-7.03	peak	
4		0.7672	27.80	9.92	37.72	46.00	-8.28	AVG	
5		1.1617	38.01	10.01	48.02	56.00	-7.98	peak	
6		1.1617	27.00	10.01	37.01	46.00	-8.99	AVG	
7		1.6422	39.27	9.90	49.17	56.00	-6.83	peak	
8		1.6422	28.30	9.90	38.20	46.00	-7.80	AVG	
9		2.5562	38.08	9.93	48.01	56.00	-7.99	peak	
10		2.5562	27.20	9.93	37.13	46.00	-8.87	AVG	
11		3.0898	37.68	9.82	47.50	56.00	-8.50	peak	
12		3.0898	26.60	9.82	36.42	46.00	-9.58	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Phase :	Neutral



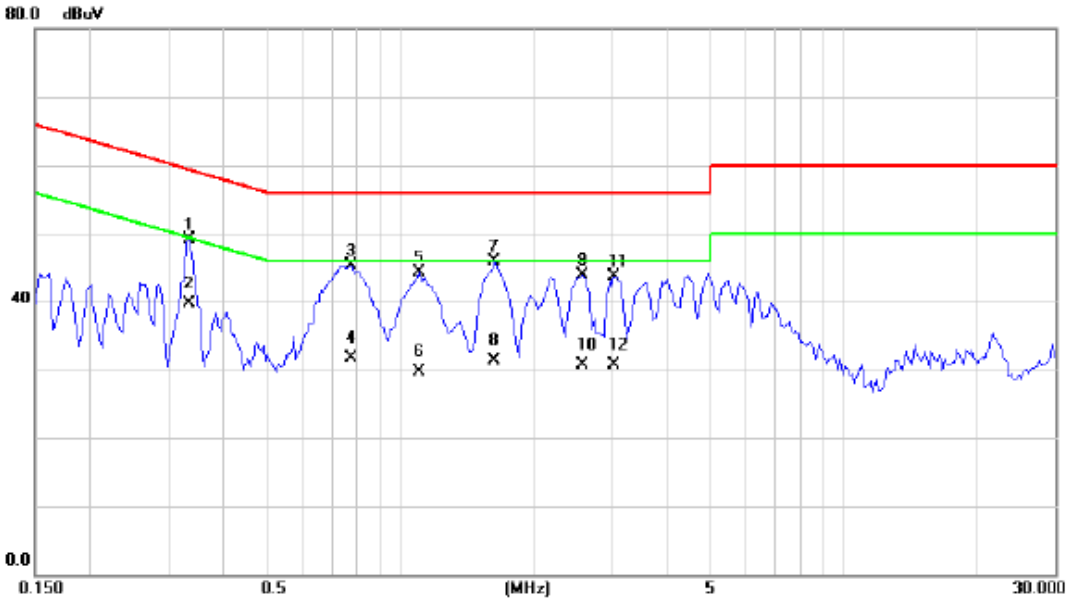
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3336	39.73	9.63	49.36	59.36	-10.00	peak	
2	*	0.3336	30.20	9.63	39.83	49.36	-9.53	AVG	
3		0.7477	35.83	9.71	45.54	56.00	-10.46	peak	
4		0.7477	21.00	9.71	30.71	46.00	-15.29	AVG	
5		1.0641	33.90	9.79	43.69	56.00	-12.31	peak	
6		1.0641	19.30	9.79	29.09	46.00	-16.91	AVG	
7		1.5914	35.56	9.84	45.40	56.00	-10.60	peak	
8		1.5914	20.90	9.84	30.74	46.00	-15.26	AVG	
9		2.5680	34.16	9.86	44.02	56.00	-11.98	peak	
10		2.5680	20.80	9.86	30.66	46.00	-15.34	AVG	
11		3.1016	34.03	9.81	43.84	56.00	-12.16	peak	
12		3.1016	20.20	9.81	30.01	46.00	-15.99	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Phase :	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	42.93	9.77	52.70	59.26	-6.56	peak	
2	*	0.3375	36.10	9.77	45.87	49.26	-3.39	AVG	
3		0.7555	39.15	9.92	49.07	56.00	-6.93	peak	
4		0.7555	28.90	9.92	38.82	46.00	-7.18	AVG	
5		1.0914	38.57	10.00	48.57	56.00	-7.43	peak	
6		1.0914	27.00	10.00	37.00	46.00	-9.00	AVG	
7		1.6227	39.42	9.90	49.32	56.00	-6.68	peak	
8		1.6227	28.60	9.90	38.50	46.00	-7.50	AVG	
9		2.5406	38.18	9.94	48.12	56.00	-7.88	peak	
10		2.5406	27.30	9.94	37.24	46.00	-8.76	AVG	
11		3.0313	37.54	9.82	47.36	56.00	-8.64	peak	
12		3.0313	27.00	9.82	36.82	46.00	-9.18	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Phase :	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3336	39.56	9.63	49.19	59.36	-10.17	peak	
2	*	0.3336	30.10	9.63	39.73	49.36	-9.63	AVG	
3		0.7750	35.61	9.73	45.34	56.00	-10.66	peak	
4		0.7750	21.90	9.73	31.63	46.00	-14.37	AVG	
5		1.1031	34.51	9.80	44.31	56.00	-11.69	peak	
6		1.1031	20.00	9.80	29.80	46.00	-16.20	AVG	
7		1.6305	36.04	9.85	45.89	56.00	-10.11	peak	
8		1.6305	21.40	9.85	31.25	46.00	-14.75	AVG	
9		2.5680	33.96	9.86	43.82	56.00	-12.18	peak	
10		2.5680	20.80	9.86	30.66	46.00	-15.34	AVG	
11		3.0273	33.93	9.80	43.73	56.00	-12.27	peak	
12		3.0273	20.90	9.80	30.70	46.00	-15.30	AVG	

4.2 CONDUCTED EMISSION MEASUREMENT AT TELECOMMUNICATION PORTS

4.2.1 LIMITS OF DISTURBANCE AT TELECOMMUNICATION PORTS

Voltage Limit:

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	97-87*	84-74*	84-74*	74-64*
0.5 -30.0	87	74	74	64

Current Limit:

FREQUENCY (MHz)	Class A (dBuA)		Class B (dBuA)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	53-43*	40-30*	40-30*	30-20*
0.5 -30.0	43	30	30	20

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

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 28, 2016
2	LISN	R&S	ENV216	101447	Mar. 28, 2016
3	Test Cable	N/A	C_17	N/A	Mar.13, 2016
4	EMI TEST RECEIVER	R&S	ESCS30	833364/017	Mar. 28, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 28, 2016
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	ISN	FCC	FCC-TLISN-T2-02	20433	Jul. 10, 2015
8	ISN	Teseq GmbH	ISN T8	30833	Sep. 30, 2015

Remark: ” N/A” denotes No Model Name, Serial No. or No Calibration specified.

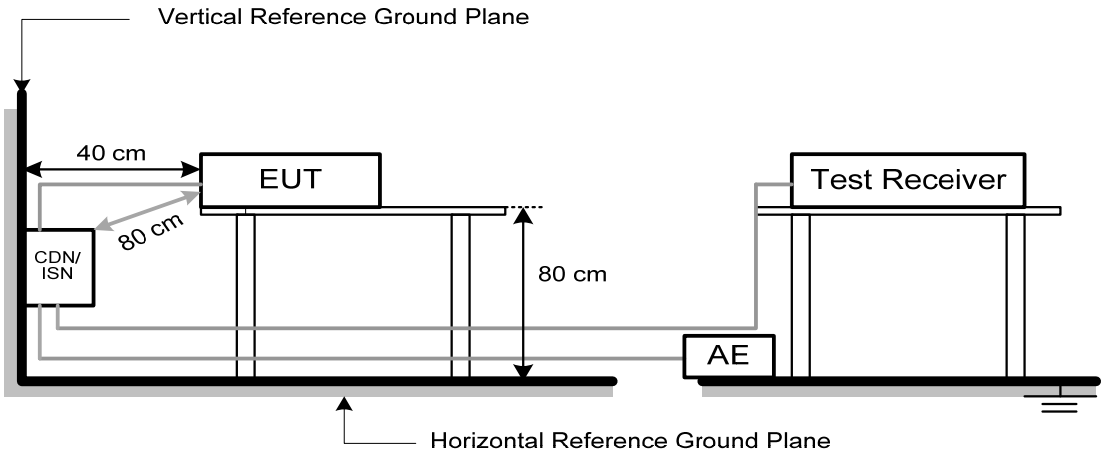
4.2.3 TEST PROCEDURE

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. ISN at least 80 cm from nearest part of EUT chassis.
e. The communication function of EUT was executed and ISN was connected between EUT and associated equipment and the ISN was connected directly to reference ground plane.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



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

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.

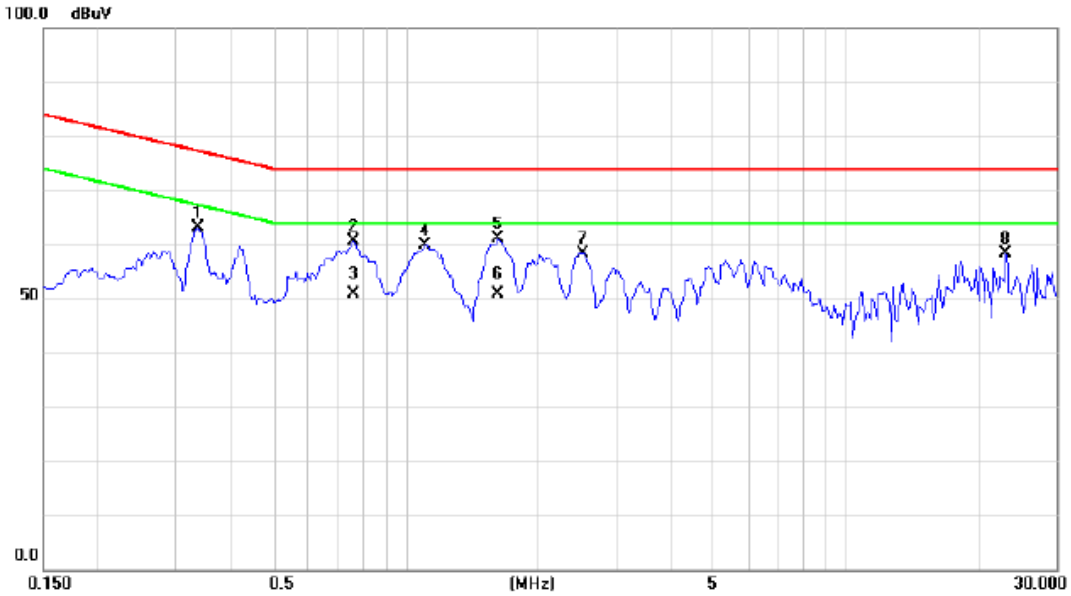
(2) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case,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

(3) Measuring frequency range from 150KHz to 30MHz.

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	LAN 1Gbps		

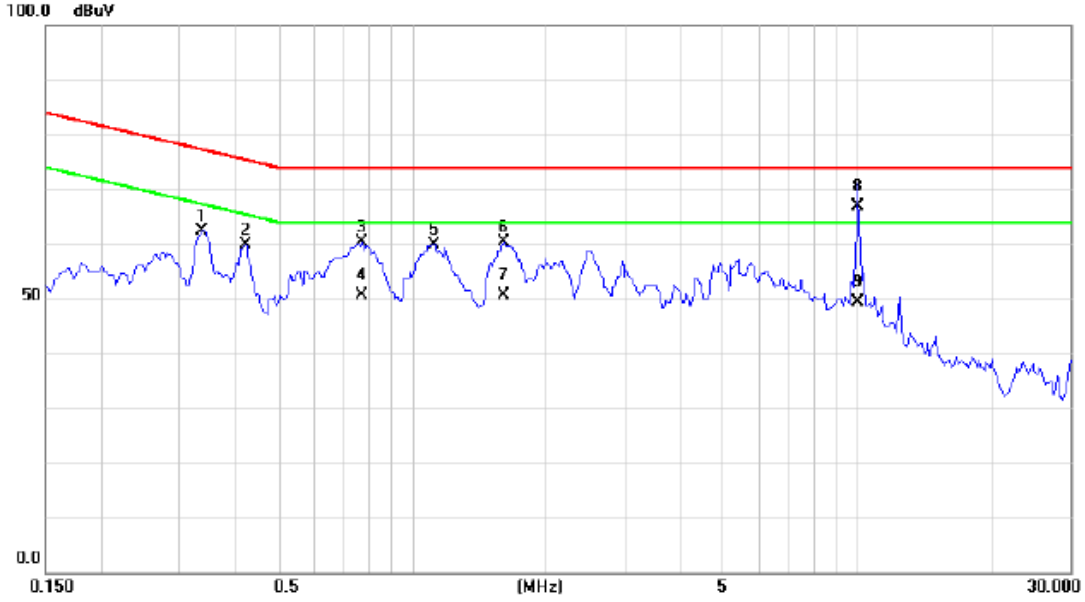
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3063	48.50	9.52	58.02	78.07	-20.05	QP	
2		0.3063	35.30	9.52	44.82	68.07	-23.25	AVG	
3		0.4430	51.80	9.52	61.32	75.01	-13.69	QP	
4	*	0.4430	47.70	9.52	57.22	65.01	-7.79	AVG	
5		0.5172	48.60	9.51	58.11	74.00	-15.89	QP	
6		0.5172	37.30	9.51	46.81	64.00	-17.19	AVG	
7		1.0562	46.10	9.49	55.59	74.00	-18.41	QP	
8		1.0562	41.10	9.49	50.59	64.00	-13.41	AVG	
9		2.6422	46.80	9.51	56.31	74.00	-17.69	QP	
10		2.6422	40.79	9.51	50.30	64.00	-13.70	AVG	
11		5.4102	46.00	9.57	55.57	74.00	-18.43	QP	
12		5.4102	40.00	9.57	49.57	64.00	-14.43	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	LAN 100Mbps		



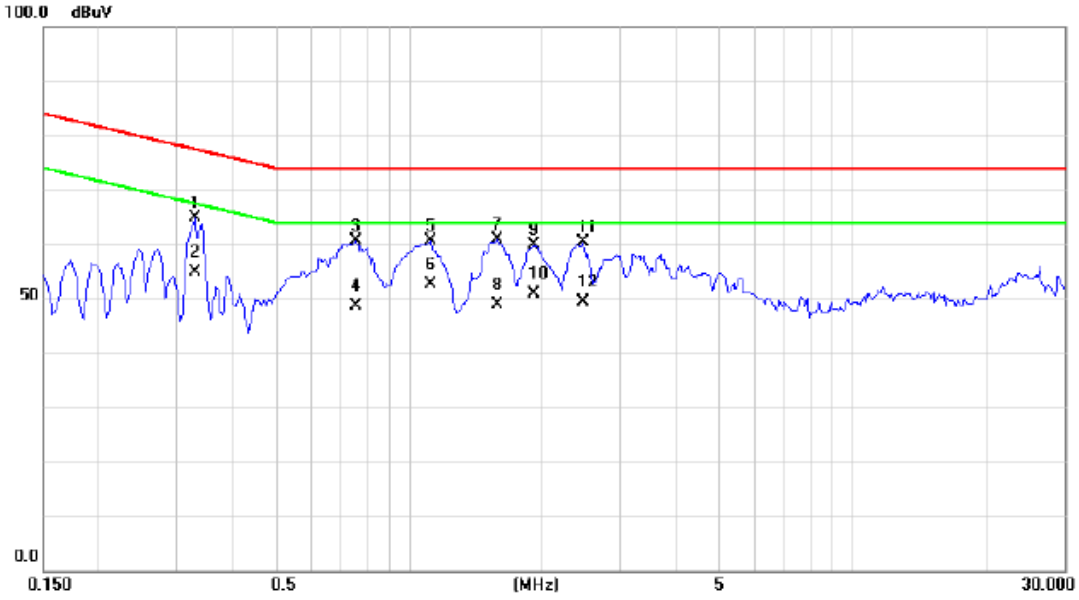
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	53.61	9.64	63.25	77.26	-14.01	peak	
2		0.7594	51.13	9.58	60.71	74.00	-13.29	peak	
3		0.7594	41.20	9.58	50.78	64.00	-13.22	AVG	
4		1.1031	50.38	9.58	59.96	74.00	-14.04	peak	
5	*	1.6148	51.48	9.56	61.04	74.00	-12.96	peak	
6		1.6148	41.40	9.56	50.96	64.00	-13.04	AVG	
7		2.5328	48.94	9.56	58.50	74.00	-15.50	peak	
8		23.1290	48.17	10.30	58.47	74.00	-15.53	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	LAN 10Mbps		



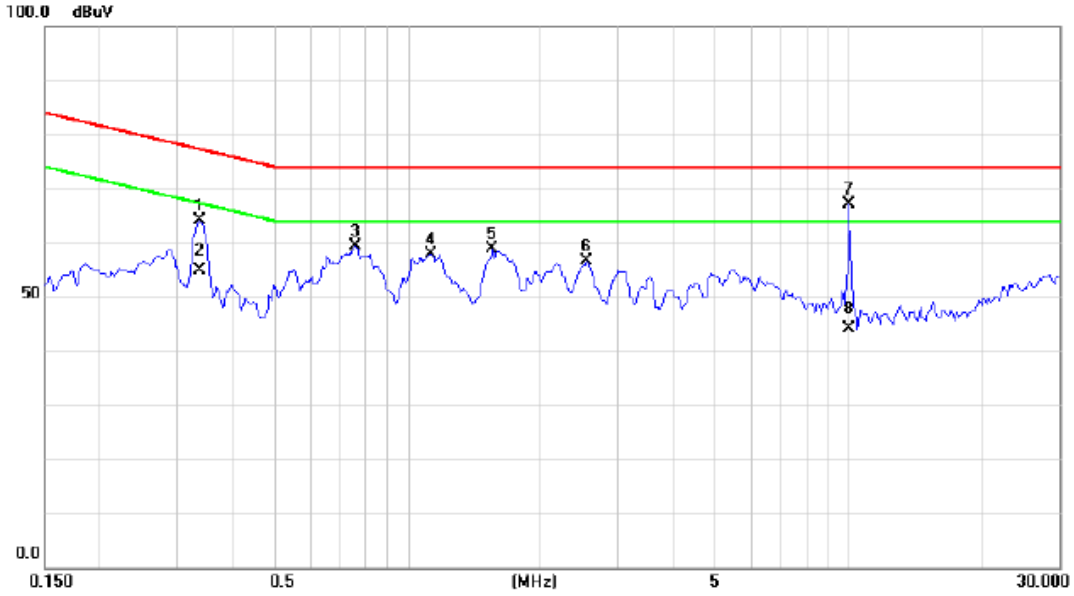
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	52.68	9.64	62.32	77.26	-14.94	peak	
2		0.4234	50.17	9.62	59.79	75.38	-15.59	peak	
3		0.7672	50.87	9.58	60.45	74.00	-13.55	peak	
4		0.7672	41.10	9.58	50.68	64.00	-13.32	AVG	
5		1.1227	50.23	9.58	59.81	74.00	-14.19	peak	
6		1.6070	50.88	9.56	60.44	74.00	-13.56	peak	
7		1.6070	41.10	9.56	50.66	64.00	-13.34	AVG	
8	*	10.0000	57.10	9.80	66.90	74.00	-7.10	QP	
9		10.0000	39.60	9.80	49.40	64.00	-14.60	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	WAN 1Gbps		



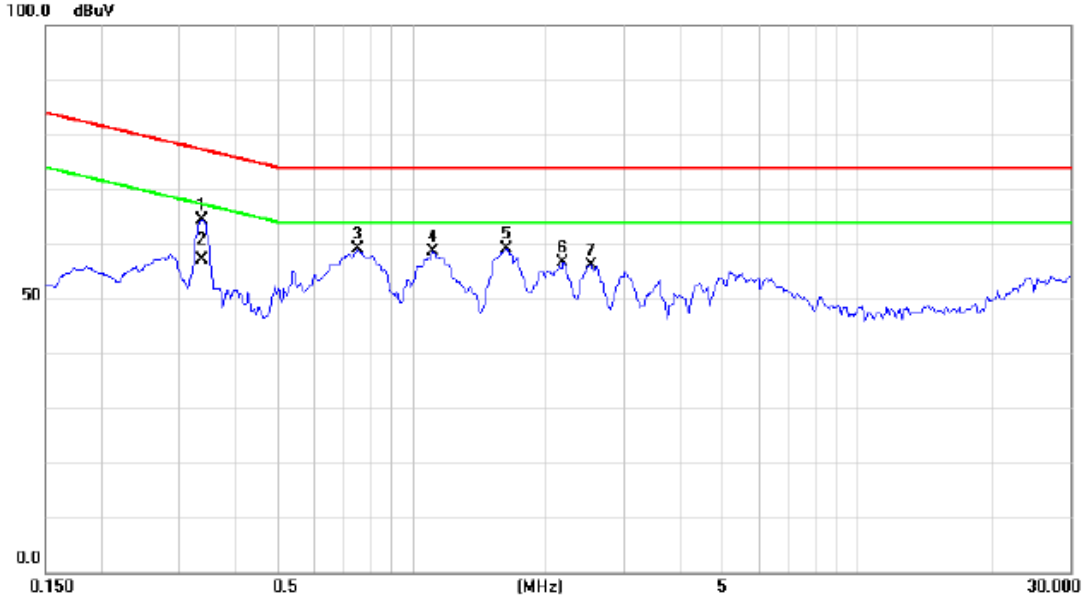
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3297	55.11	9.65	64.76	77.46	-12.70	peak	
2		0.3297	45.11	9.65	54.76	67.46	-12.70	AVG	
3		0.7594	50.99	9.58	60.57	74.00	-13.43	peak	
4		0.7594	38.99	9.58	48.57	64.00	-15.43	AVG	
5		1.1187	51.00	9.58	60.58	74.00	-13.42	peak	
6	*	1.1187	43.00	9.58	52.58	64.00	-11.42	AVG	
7		1.5836	51.32	9.56	60.88	74.00	-13.12	peak	
8		1.5836	39.32	9.56	48.88	64.00	-15.12	AVG	
9		1.9195	50.22	9.55	59.77	74.00	-14.23	peak	
10		1.9195	41.22	9.55	50.77	64.00	-13.23	AVG	
11		2.4625	50.90	9.57	60.47	74.00	-13.53	peak	
12		2.4625	39.90	9.57	49.47	64.00	-14.53	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	WAN 100Mbps		



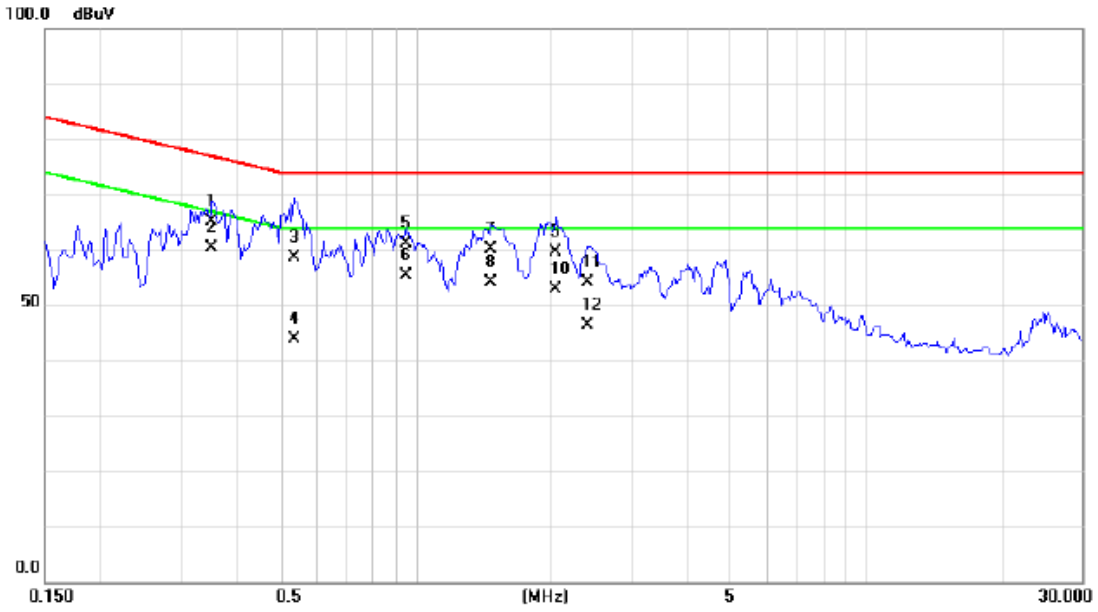
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	54.41	9.64	64.05	77.26	-13.21	peak	
2		0.3375	45.30	9.64	54.94	67.26	-12.32	AVG	
3		0.7594	49.70	9.58	59.28	74.00	-14.72	peak	
4		1.1266	48.31	9.58	57.89	74.00	-16.11	peak	
5		1.5523	49.20	9.56	58.76	74.00	-15.24	peak	
6		2.5484	47.01	9.56	56.57	74.00	-17.43	peak	
7	*	10.0000	57.24	9.80	67.04	74.00	-6.96	peak	
8		10.0000	34.30	9.80	44.10	64.00	-19.90	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	WAN 10Mbps		



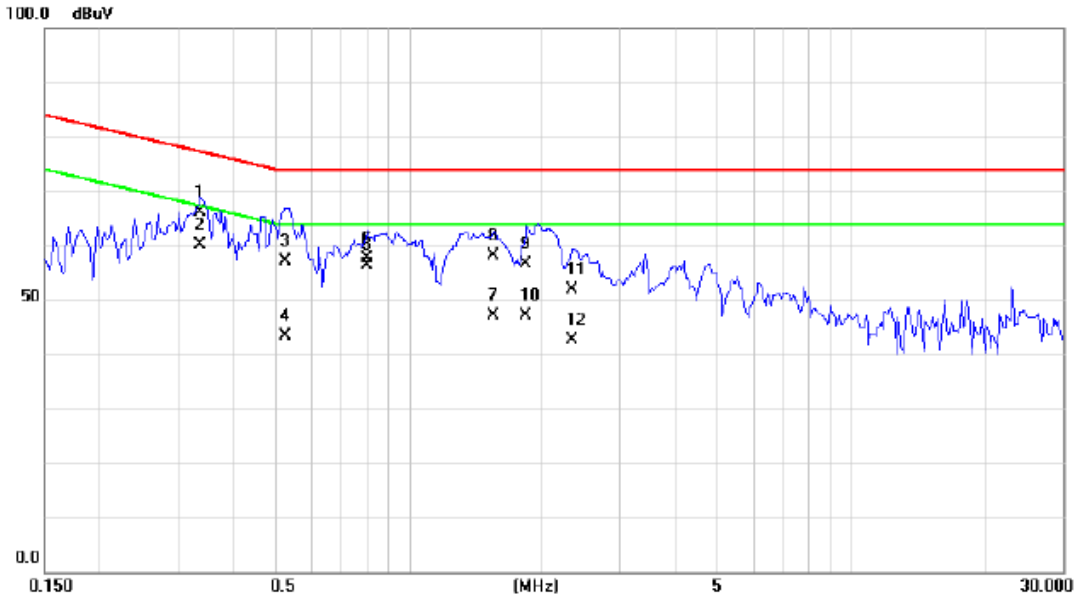
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	54.83	9.64	64.47	77.26	-12.79	peak	
2	*	0.3375	47.50	9.64	57.14	67.26	-10.12	AVG	
3		0.7516	49.56	9.58	59.14	74.00	-14.86	peak	
4		1.1148	49.03	9.58	58.61	74.00	-15.39	peak	
5		1.6344	49.60	9.56	59.16	74.00	-14.84	peak	
6		2.1891	47.12	9.55	56.67	74.00	-17.33	peak	
7		2.5133	46.57	9.56	56.13	74.00	-17.87	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	LAN 1Gbps		



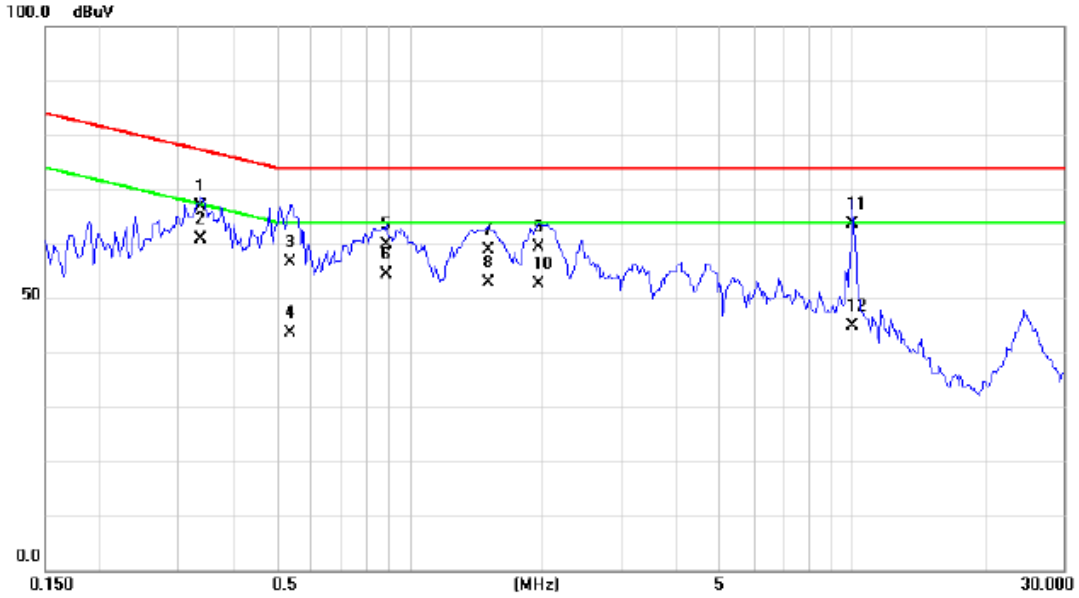
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3531	55.60	9.52	65.12	76.89	-11.77	QP	
2	*	0.3531	50.80	9.52	60.32	66.89	-6.57	AVG	
3		0.5367	49.10	9.51	58.61	74.00	-15.39	QP	
4		0.5367	34.30	9.51	43.81	64.00	-20.19	AVG	
5		0.9508	51.60	9.48	61.08	74.00	-12.92	QP	
6		0.9508	46.00	9.48	55.48	64.00	-8.52	AVG	
7		1.4664	50.70	9.50	60.20	74.00	-13.80	QP	
8		1.4664	44.70	9.50	54.20	64.00	-9.80	AVG	
9		2.0445	50.20	9.50	59.70	74.00	-14.30	QP	
10		2.0445	43.40	9.50	52.90	64.00	-11.10	AVG	
11		2.4078	44.50	9.51	54.01	74.00	-19.99	QP	
12		2.4078	36.90	9.51	46.41	64.00	-17.59	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	LAN 100Mbps		



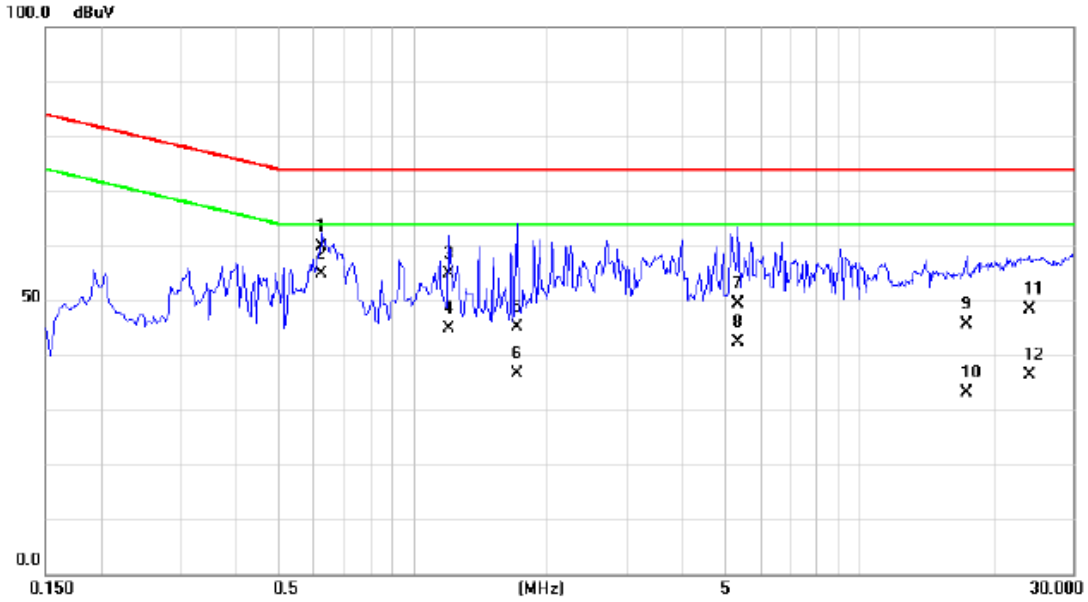
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	56.60	9.52	66.12	77.26	-11.14	QP	
2		0.3375	50.70	9.52	60.22	67.26	-7.04	AVG	
3		0.5290	47.70	9.51	57.21	74.00	-16.79	QP	
4		0.5290	33.80	9.51	43.31	64.00	-20.69	AVG	
5		0.8023	46.80	9.48	56.28	74.00	-17.72	QP	
6		0.8023	48.10	9.48	57.58	64.00	-6.42	AVG	
7		1.5562	37.60	9.49	47.09	74.00	-26.91	QP	
8	*	1.5562	48.60	9.49	58.09	64.00	-5.91	AVG	
9		1.8414	47.10	9.50	56.60	74.00	-17.40	QP	
10		1.8414	37.70	9.50	47.20	64.00	-16.80	AVG	
11		2.3413	42.30	9.50	51.80	74.00	-22.20	QP	
12		2.3413	33.10	9.50	42.60	64.00	-21.40	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	LAN 10Mbps		



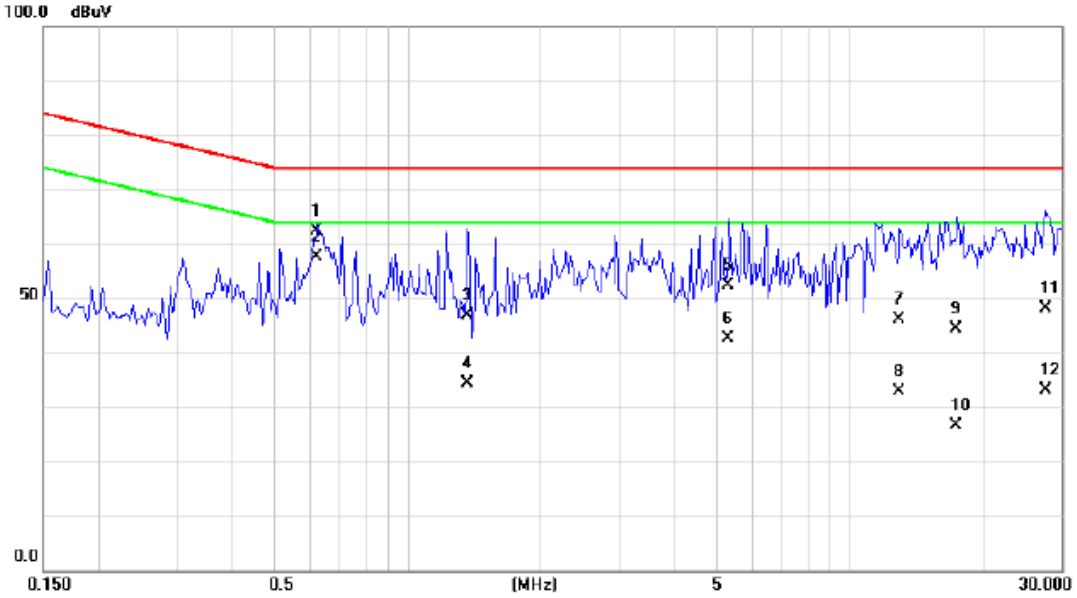
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3375	57.30	9.52	66.82	77.26	-10.44	QP	
2	*	0.3375	51.30	9.52	60.82	67.26	-6.44	AVG	
3		0.5406	47.10	9.51	56.61	74.00	-17.39	QP	
4		0.5406	34.20	9.51	43.71	64.00	-20.29	AVG	
5		0.8883	50.40	9.48	59.88	74.00	-14.12	QP	
6		0.8883	44.80	9.48	54.28	64.00	-9.72	AVG	
7		1.5055	49.40	9.49	58.89	74.00	-15.11	QP	
8		1.5055	43.50	9.49	52.99	64.00	-11.01	AVG	
9		1.9625	49.80	9.50	59.30	74.00	-14.70	QP	
10		1.9625	43.10	9.50	52.60	64.00	-11.40	AVG	
11		9.9961	53.90	9.68	63.58	74.00	-10.42	QP	
12		9.9961	35.10	9.68	44.78	64.00	-19.22	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	WAN 1Gbps		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6266	50.30	9.50	59.80	74.00	-14.20	QP	
2	*	0.6266	45.40	9.50	54.90	64.00	-9.10	AVG	
3		1.2007	45.39	9.49	54.88	74.00	-19.12	QP	
4		1.2007	35.39	9.49	44.88	64.00	-19.12	AVG	
5		1.7125	35.60	9.49	45.09	74.00	-28.91	QP	
6		1.7125	27.20	9.49	36.69	64.00	-27.31	AVG	
7		5.3358	39.70	9.57	49.27	74.00	-24.73	QP	
8		5.3358	32.80	9.57	42.37	64.00	-21.63	AVG	
9		17.3008	35.70	9.84	45.54	74.00	-28.46	QP	
10		17.3008	23.30	9.84	33.14	64.00	-30.86	AVG	
11		23.8008	38.30	9.96	48.26	74.00	-25.74	QP	
12		23.8008	26.30	9.96	36.26	64.00	-27.74	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	WAN 100Mbps		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6266	52.80	9.50	62.30	74.00	-11.70	QP	
2	*	0.6266	48.20	9.50	57.70	64.00	-6.30	AVG	
3		1.3727	37.40	9.50	46.90	74.00	-27.10	QP	
4		1.3727	25.00	9.50	34.50	64.00	-29.50	AVG	
5		5.3281	42.90	9.57	52.47	74.00	-21.53	QP	
6		5.3281	33.00	9.57	42.57	64.00	-21.43	AVG	
7		12.9844	36.30	9.75	46.05	74.00	-27.95	QP	
8		12.9844	23.10	9.75	32.85	64.00	-31.15	AVG	
9		17.4570	34.50	9.84	44.34	74.00	-29.66	QP	
10		17.4570	16.70	9.84	26.54	64.00	-37.46	AVG	
11		27.6328	38.00	10.05	48.05	74.00	-25.95	QP	
12		27.6328	23.20	10.05	33.25	64.00	-30.75	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	WAN 10Mbps		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3141	47.20	9.52	56.72	77.86	-21.14	QP	
2		0.3141	40.60	9.52	50.12	67.86	-17.74	AVG	
3		0.5172	48.70	9.51	58.21	74.00	-15.79	QP	
4		0.5172	35.10	9.51	44.61	64.00	-19.39	AVG	
5		0.9391	46.10	9.48	55.58	74.00	-18.42	QP	
6		0.9391	43.60	9.48	53.08	64.00	-10.92	AVG	
7		2.9860	45.70	9.52	55.22	74.00	-18.78	QP	
8		2.9860	35.10	9.52	44.62	64.00	-19.38	AVG	
9		5.3633	43.60	9.57	53.17	74.00	-20.83	QP	
10		5.3633	34.80	9.57	44.37	64.00	-19.63	AVG	
11	*	10.0040	53.50	9.68	63.18	74.00	-10.82	QP	
12		10.0040	35.50	9.68	45.18	64.00	-18.82	AVG	

4.3 RADIATED EMISSION MEASUREMENT

4.3.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

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

NOTE:

(1) The limit for radiated test was performed according to as following: CISPR 22.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
(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

Above 1 GHz

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
1000 - 3000	76	56	70	50
3000 - 6000	80	60	74	54

NOTE:

(1) The limit for radiated test was performed according to as following: CISPR 22.
(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

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 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 6 GHz, whichever is lower

4.3.2 MEASUREMENT INSTRUMENTS LIST

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_15 m	N/A	Jan. 04, 2016
8	Test Cable	N/A	Cable_5m_11m_15 m	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
13	Antenna	ETS	3115	00075789	Mar. 28, 2016
14	Amplifier	Agilent	8449B	3008A02274	Nov. 02, 2015
15	Receiver	AGILENT	N9038A	MY52130039	Sep. 30, 2015
16	Test Cable	N/A	C-68	N/A	Jul. 01, 2015
17	Controller	CT	SC100	N/A	N/A

Remark: ” N/A” denotes No Model Name / Serial No. and No Calibration specified.

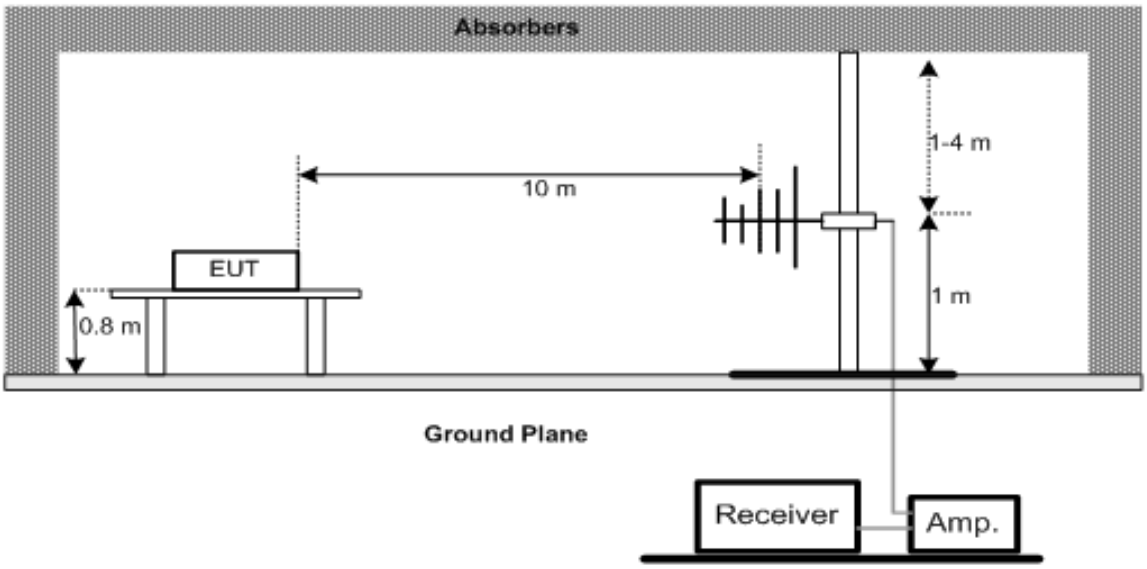
4.3.3 TEST PROCEDURE

a. The measuring distance of at 10 m shall be used for measurements at frequency below 1GHz. The measuring distance of at 3 m shall be used for measurements at frequency above 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. 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 1G)
c. 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 1G)
d. 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.
e. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
f. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

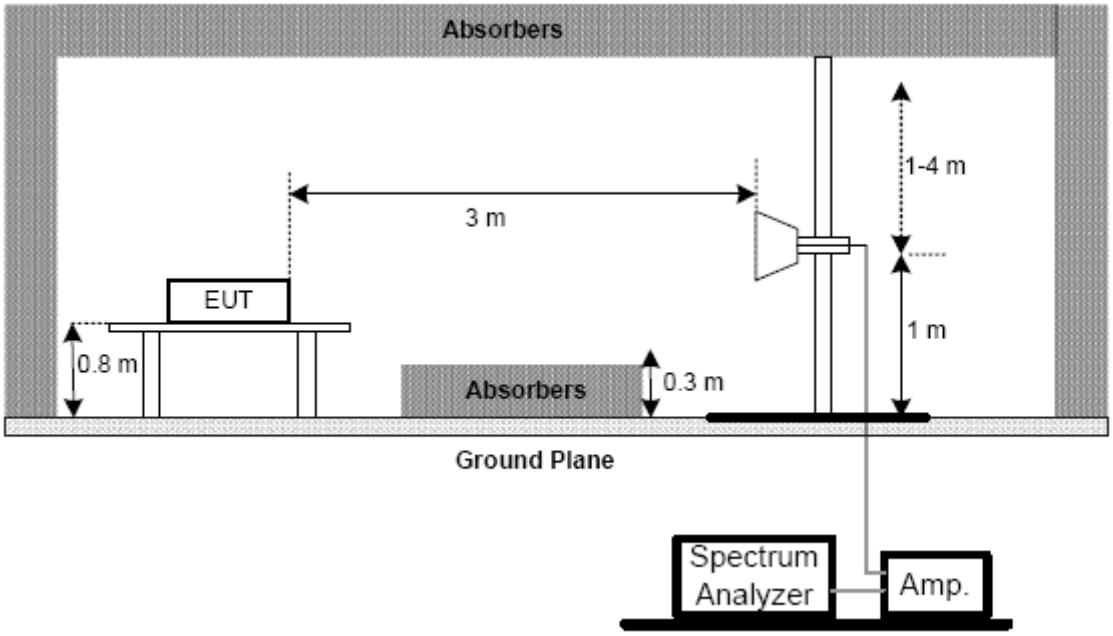
4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP(Below 1000MHZ)



4.3.6 TEST SETUP (Above 1000MHZ)



4.3.7 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.

4.3.8 TEST RESULTS-BETWEEN 30MHZ AND 1000MHZ

Remark:

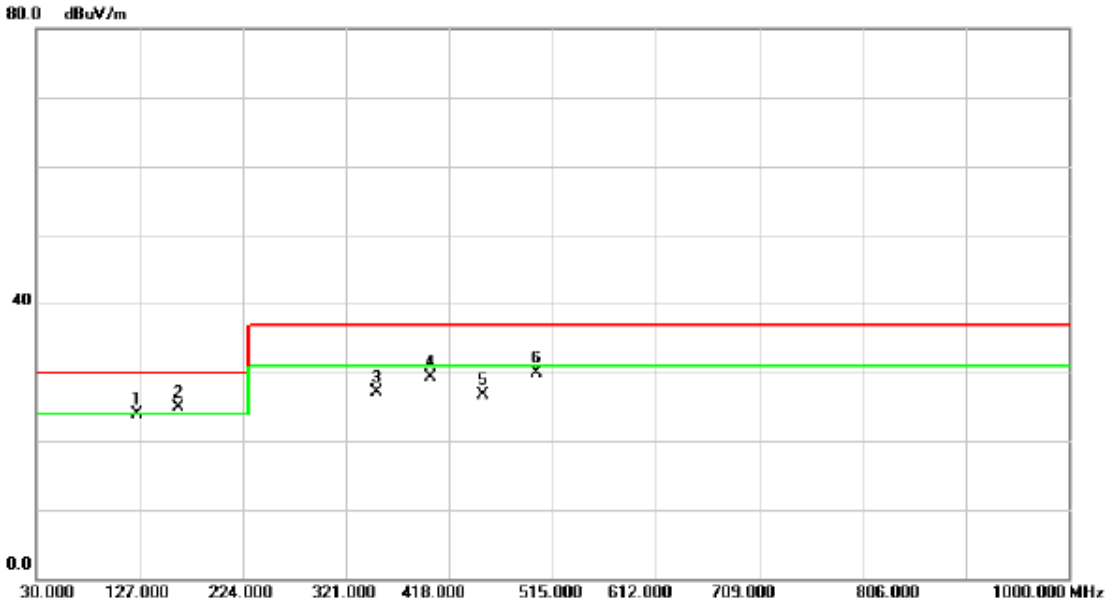
(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.

(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.

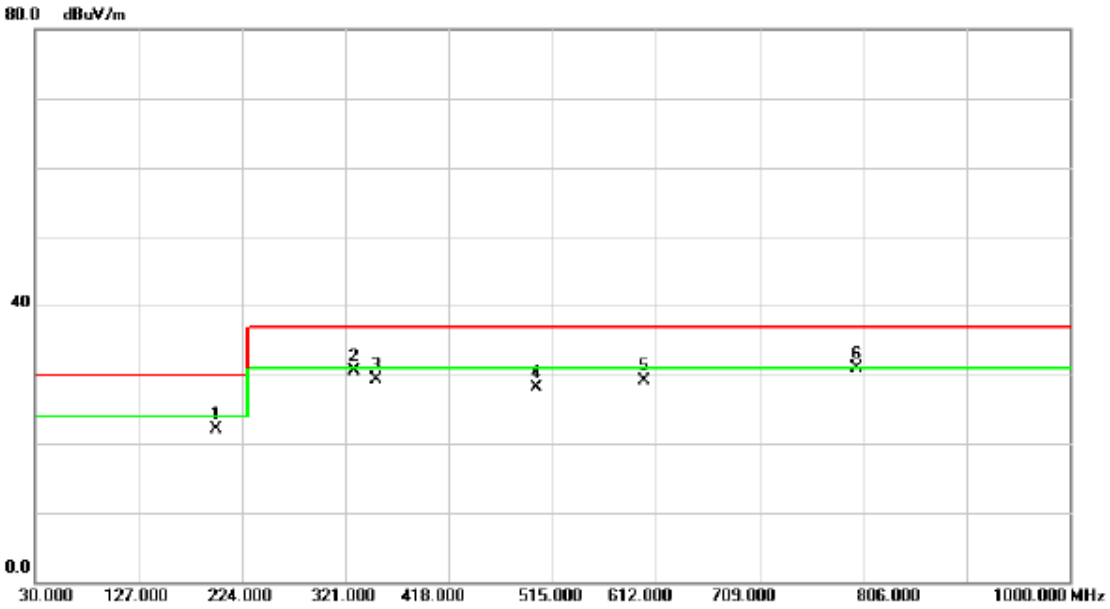
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Polarization :	Vertical



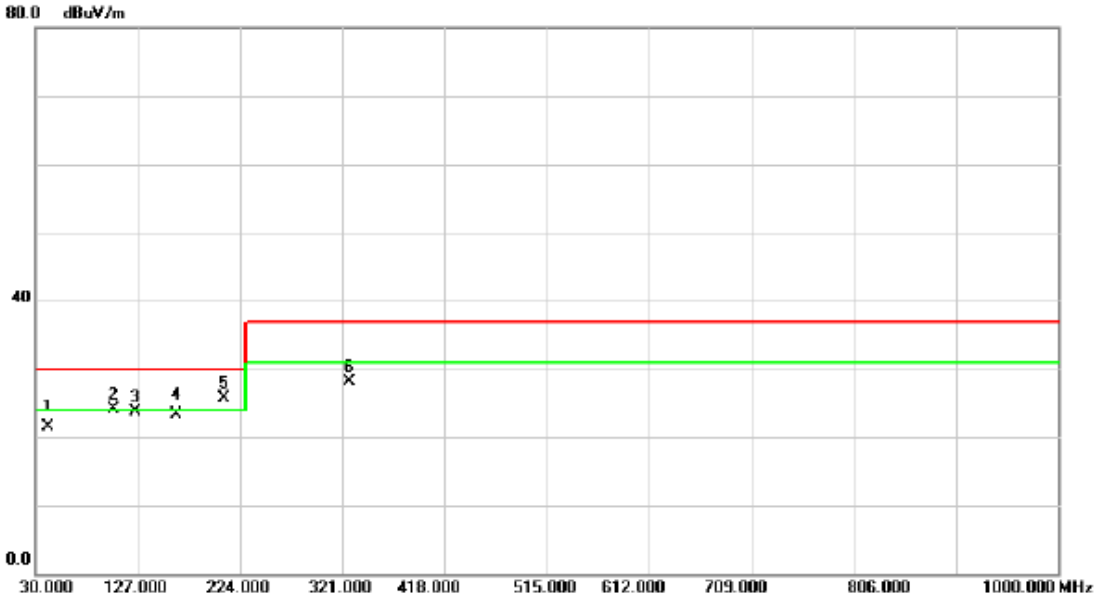
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		125.0000	43.55	-19.61	23.94	30.00	-6.06	peak	
2	*	164.0000	41.58	-16.76	24.82	30.00	-5.18	peak	
3		350.0000	36.39	-9.20	27.19	37.00	-9.81	peak	
4		400.0000	37.72	-8.32	29.40	37.00	-7.60	peak	
5		450.0000	34.25	-7.62	26.63	37.00	-10.37	peak	
6		500.0000	36.08	-6.27	29.81	37.00	-7.19	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Polarization :	Horizontal



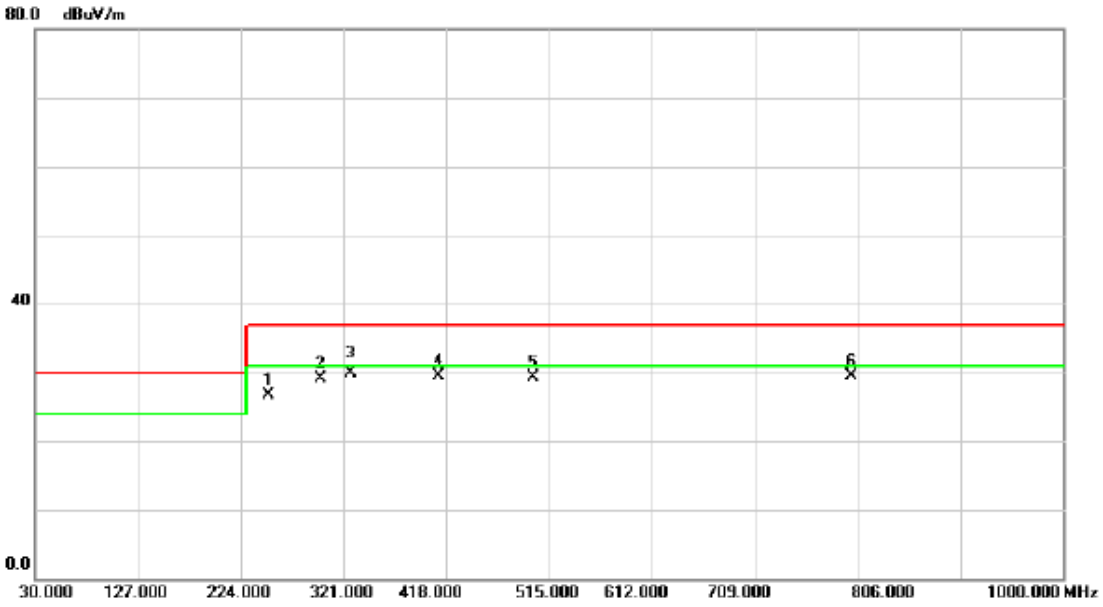
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		199.7500	37.50	-15.35	22.15	30.00	-7.85	peak	
2		329.7300	40.12	-9.67	30.45	37.00	-6.55	peak	
3		350.1000	37.96	-8.60	29.36	37.00	-7.64	peak	
4		500.4500	33.60	-5.49	28.11	37.00	-8.89	peak	
5		600.3600	32.56	-3.42	29.14	37.00	-7.86	peak	
6	*	800.1800	31.14	-0.28	30.86	37.00	-6.14	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Polarization :	Vertical



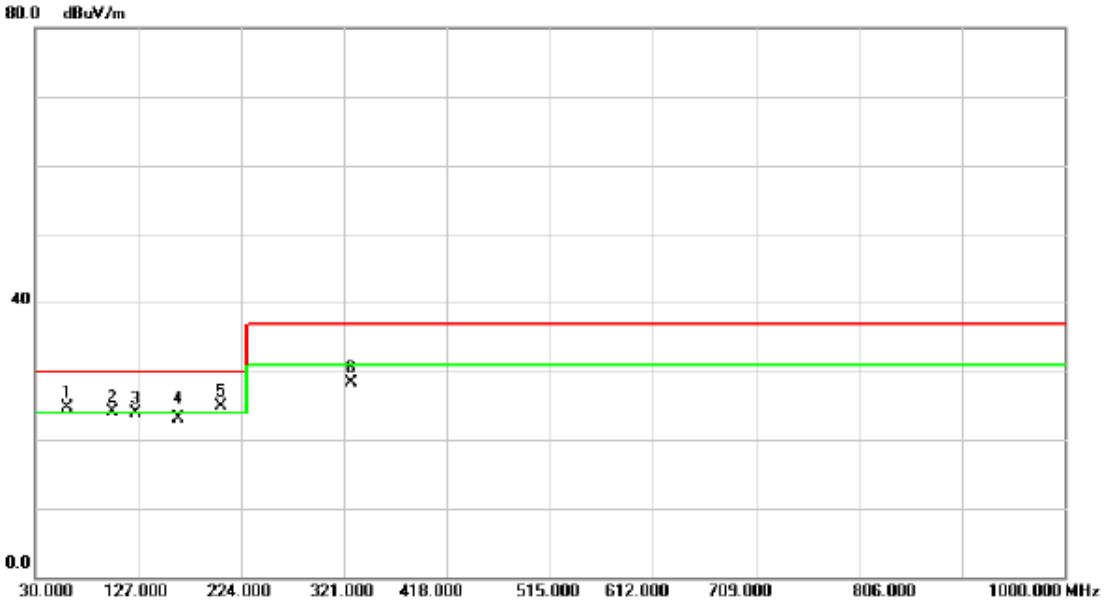
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		42.7215	38.00	-16.52	21.48	30.00	-8.52	QP	
2	!	105.0000	42.81	-18.74	24.07	30.00	-5.93	peak	
3		125.0000	43.22	-19.61	23.61	30.00	-6.39	peak	
4		164.4460	40.02	-16.76	23.26	30.00	-6.74	QP	
5	*	209.5000	40.90	-15.10	25.80	30.00	-4.20	peak	
6		327.5000	38.48	-10.28	28.20	37.00	-8.80	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Polarization :	Horizontal



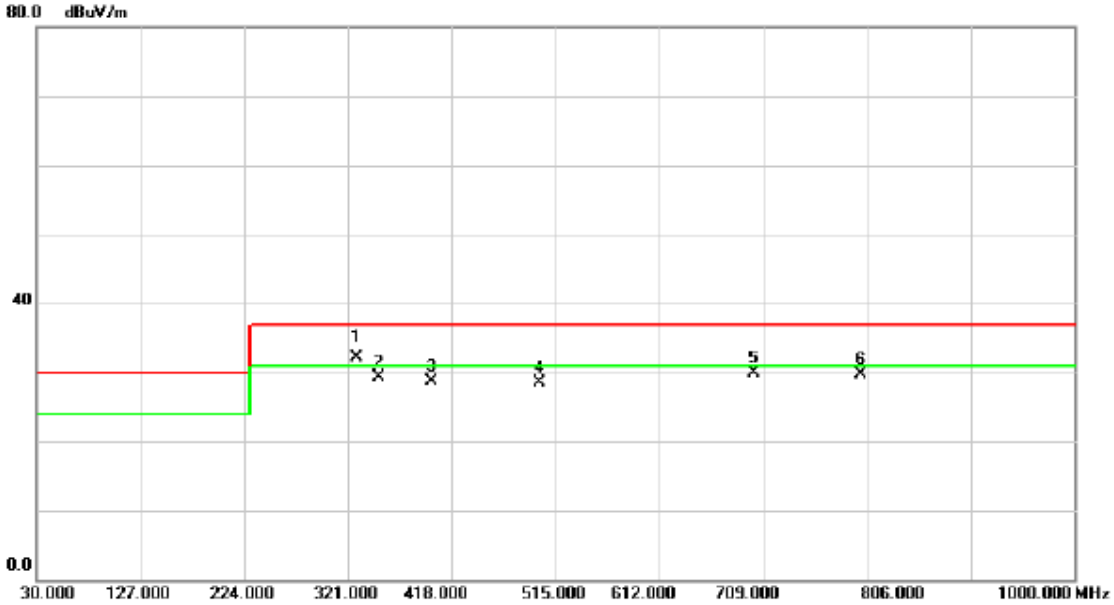
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		250.1900	38.95	-12.17	26.78	37.00	-10.22	peak	
2		299.6600	40.27	-11.17	29.10	37.00	-7.90	peak	
3	*	327.5700	39.80	-9.80	30.00	37.00	-7.00	QP	
4		411.2100	37.18	-7.61	29.57	37.00	-7.43	peak	
5		500.4500	34.80	-5.49	29.31	37.00	-7.69	peak	
6		800.1800	29.77	-0.28	29.49	37.00	-7.51	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Polarization :	Vertical



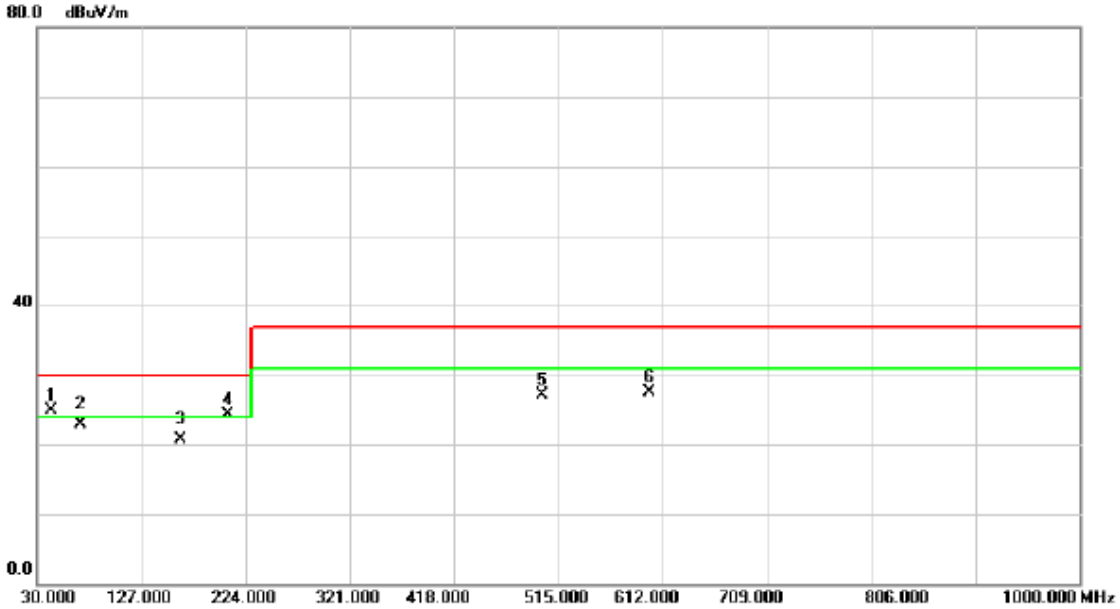
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	60.5000	44.42	-19.76	24.66	30.00	-5.34	peak	
2	!	103.5000	42.70	-18.68	24.02	30.00	-5.98	peak	
3		125.0000	43.52	-19.61	23.91	30.00	-6.09	peak	
4		164.9820	39.86	-16.75	23.11	30.00	-6.89	QP	
5	*	205.0000	40.32	-15.46	24.86	30.00	-5.14	peak	
6		327.5000	38.63	-10.28	28.35	37.00	-8.65	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Polarization :	Horizontal



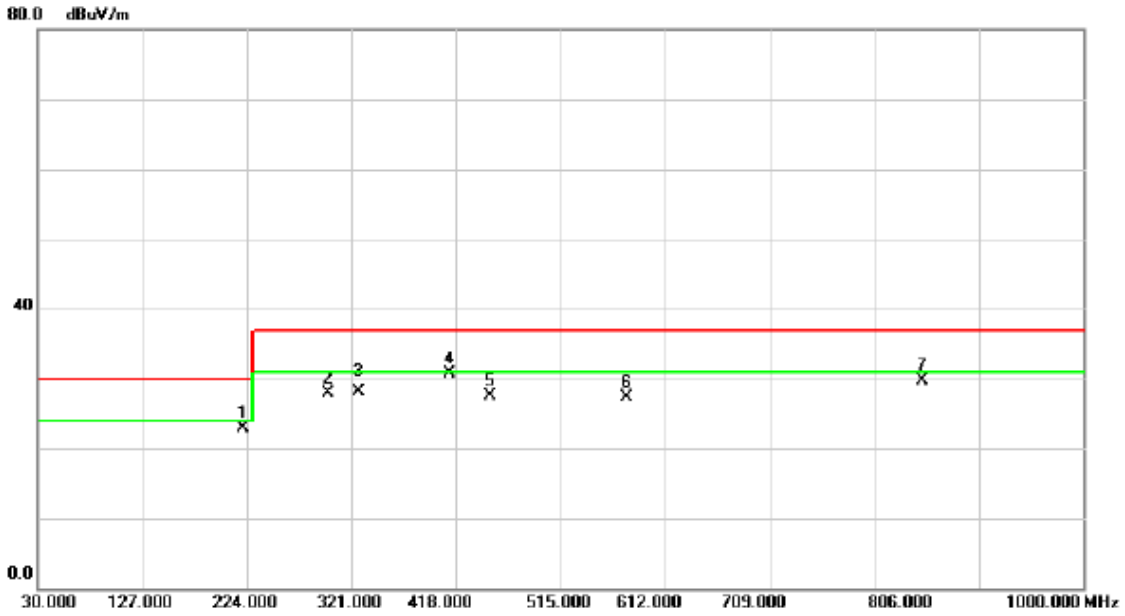
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	329.9100	41.86	-9.66	32.20	37.00	-4.80	QP	
2		350.1000	38.00	-8.60	29.40	37.00	-7.60	peak	
3		399.5700	36.48	-7.72	28.76	37.00	-8.24	peak	
4		500.4500	33.98	-5.49	28.49	37.00	-8.51	peak	
5		700.2700	31.30	-1.34	29.96	37.00	-7.04	peak	
6		800.1800	30.08	-0.28	29.80	37.00	-7.20	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Handfree	Polarization :	Vertical



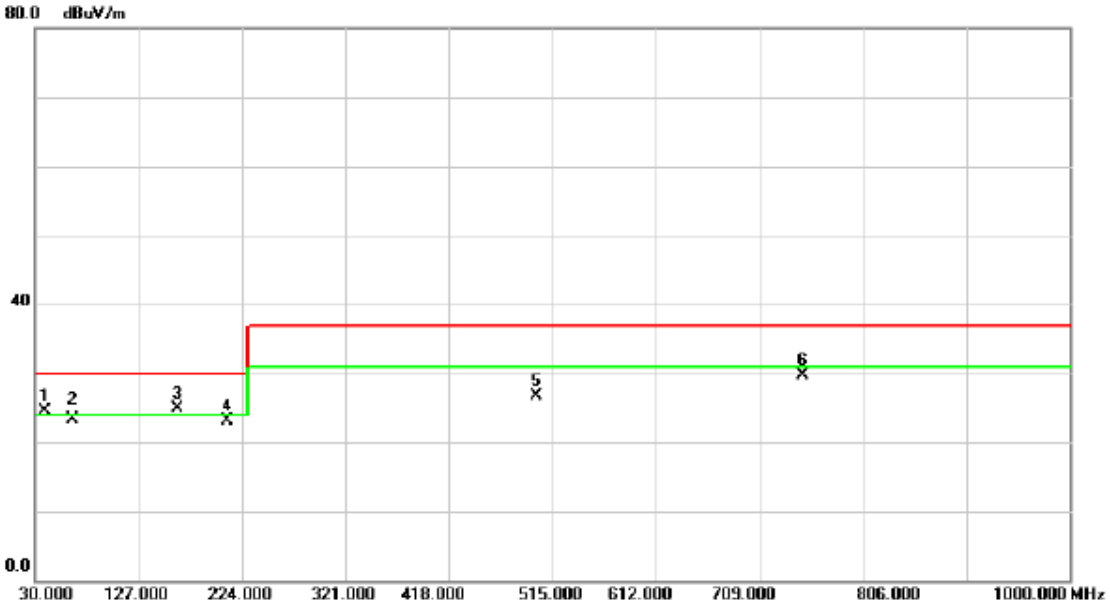
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	43.0000	41.46	-16.61	24.85	30.00	-5.15	peak	
2		70.7447	43.50	-20.64	22.86	30.00	-7.14	QP	
3		164.3505	37.55	-16.76	20.79	30.00	-9.21	QP	
4	!	208.0000	39.62	-15.22	24.40	30.00	-5.60	peak	
5		500.0000	33.29	-6.27	27.02	37.00	-9.98	peak	
6		600.0000	31.74	-4.19	27.55	37.00	-9.45	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Handfree	Polarization :	Horizontal



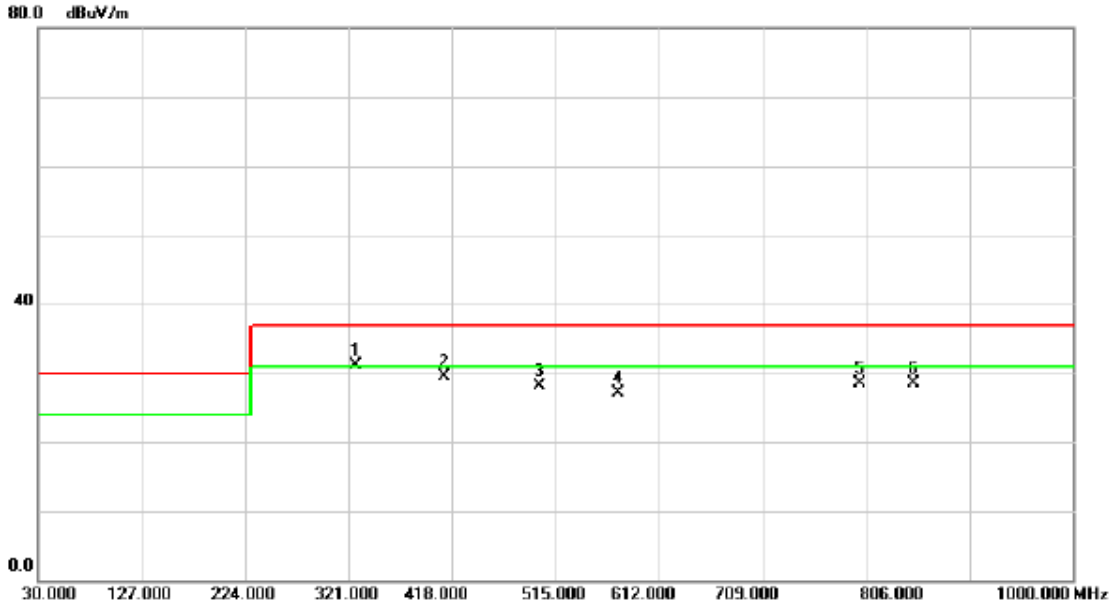
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		221.0900	36.79	-13.80	22.99	30.00	-7.01	peak	
2		299.6600	39.02	-11.17	27.85	37.00	-9.15	peak	
3		327.5920	38.00	-9.80	28.20	37.00	-8.80	QP	
4	*	412.1800	38.29	-7.61	30.68	37.00	-6.32	peak	
5		450.0100	34.08	-6.61	27.47	37.00	-9.53	peak	
6		576.1100	31.90	-4.61	27.29	37.00	-9.71	peak	
7		850.6200	29.16	0.58	29.74	37.00	-7.26	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Handset	Polarization :	Vertical



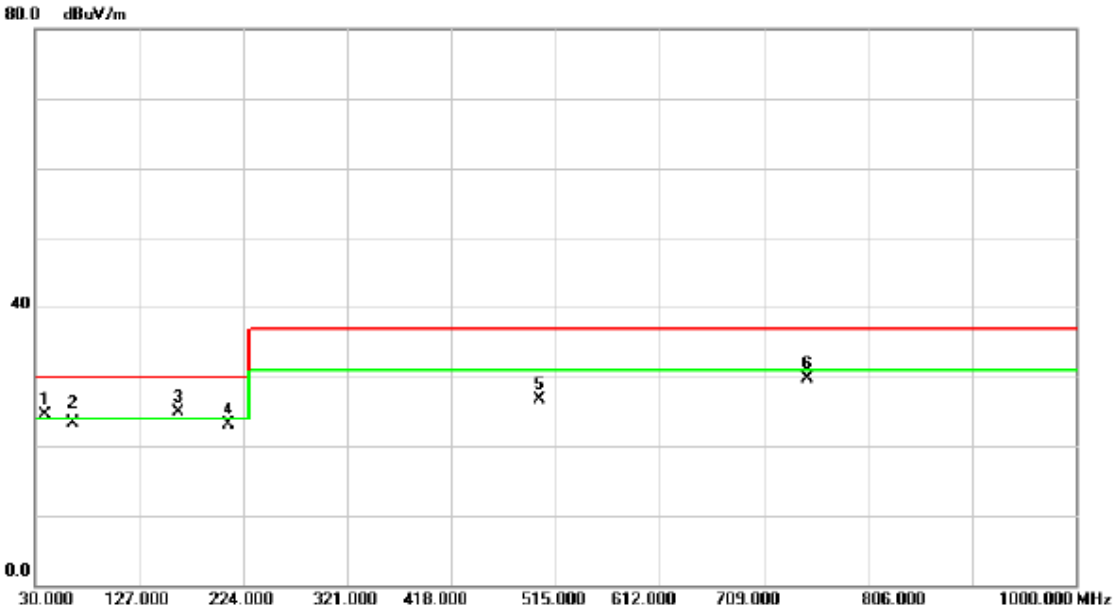
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	40.0000	40.08	-15.64	24.44	30.00	-5.56	peak	
2		65.6185	43.54	-20.23	23.31	30.00	-6.69	QP	
3	*	164.0000	41.61	-16.76	24.85	30.00	-5.15	peak	
4		211.0000	38.18	-15.00	23.18	30.00	-6.82	peak	
5		500.0000	33.02	-6.27	26.75	37.00	-10.25	peak	
6		750.0000	31.29	-1.60	29.69	37.00	-7.31	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Handset	Polarization :	Horizontal



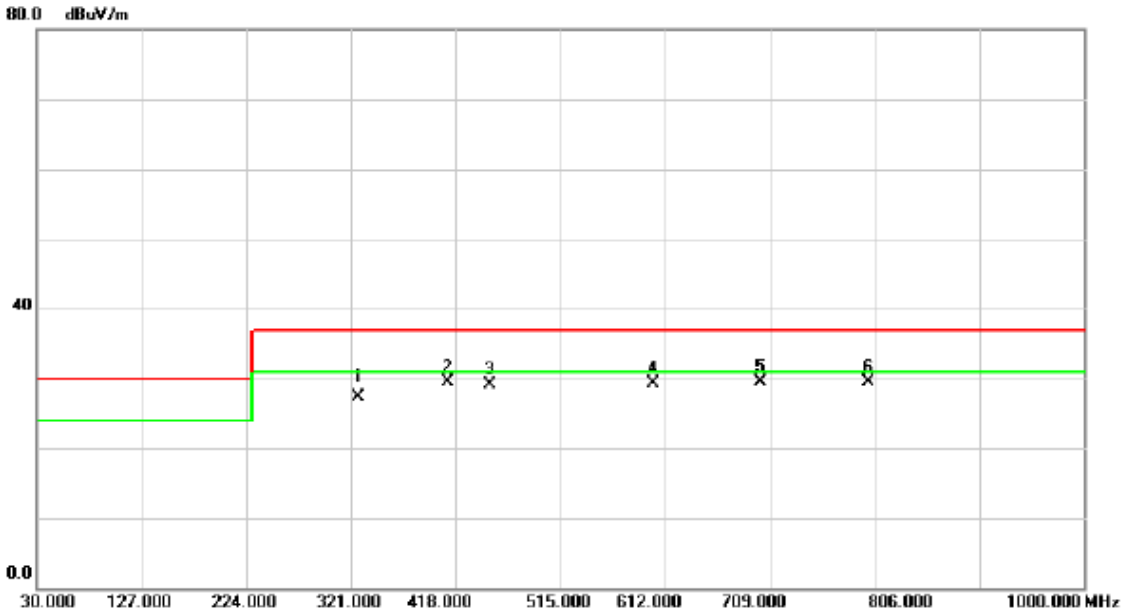
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	327.7900	40.96	-9.78	31.18	37.00	-5.82	peak	
2		410.2400	37.15	-7.63	29.52	37.00	-7.48	peak	
3		500.4500	33.69	-5.49	28.20	37.00	-8.80	peak	
4		574.1700	31.75	-4.65	27.10	37.00	-9.90	peak	
5		800.1800	28.79	-0.28	28.51	37.00	-8.49	peak	
6		850.6200	28.00	0.58	28.58	37.00	-8.42	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Headphone	Polarization :	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	40.0000	40.08	-15.64	24.44	30.00	-5.56	peak	
2		65.6185	43.54	-20.23	23.31	30.00	-6.69	QP	
3	*	164.0000	41.61	-16.76	24.85	30.00	-5.15	peak	
4		211.0000	38.18	-15.00	23.18	30.00	-6.82	peak	
5		500.0000	33.02	-6.27	26.75	37.00	-10.25	peak	
6		750.0000	31.29	-1.60	29.69	37.00	-7.31	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	DC 48V
Test Mode :	Headphone	Polarization :	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		327.5300	37.05	-9.80	27.25	37.00	-9.75	QP	
2		410.2400	37.16	-7.63	29.53	37.00	-7.47	peak	
3		450.0100	35.75	-6.61	29.14	37.00	-7.86	peak	
4		600.3600	32.63	-3.42	29.21	37.00	-7.79	peak	
5	*	700.2700	30.92	-1.34	29.58	37.00	-7.42	peak	
6		800.1800	29.81	-0.28	29.53	37.00	-7.47	peak	

4.3.9 TEST RESULTS- Above 1000MHZ

Remark:

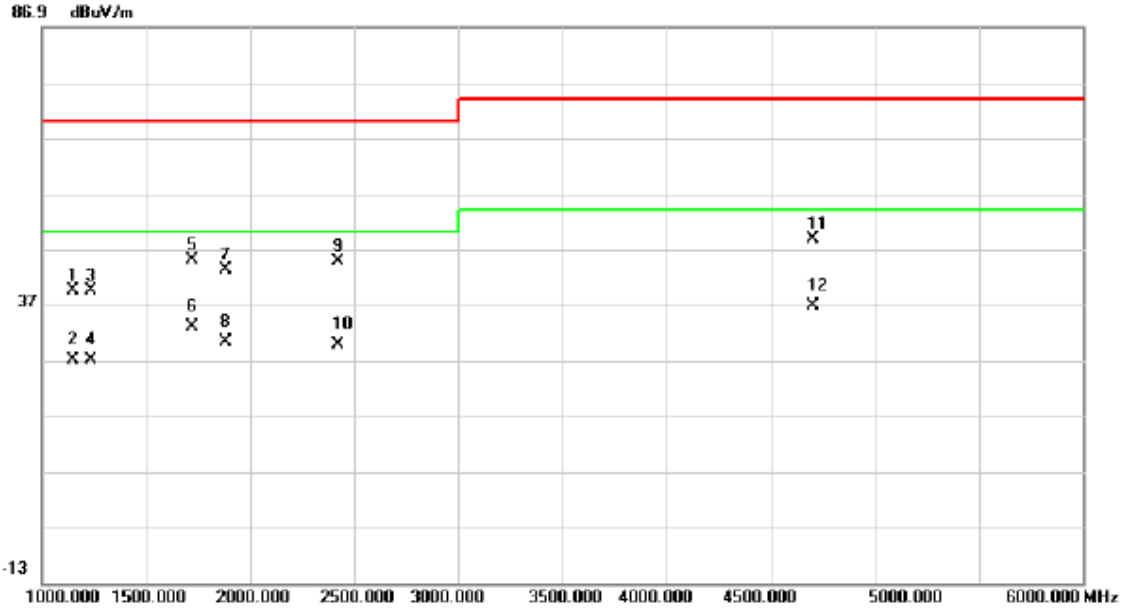
(1) Reading in which marked as Peak or AVG means measurements by using are Peak Mode or AVG with Detector BW=1MHz; SPA setting in RBW=1MHz, VBW =1MHz, Swp. Time = 0.3 sec./MHz, AVG Mode with detector BW=1MHz; SPA setting in RBW=1MHz, VBW =10Hz, Swp. Time = 0.3 sec./MHz.

(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 1GHz to 6GHz.

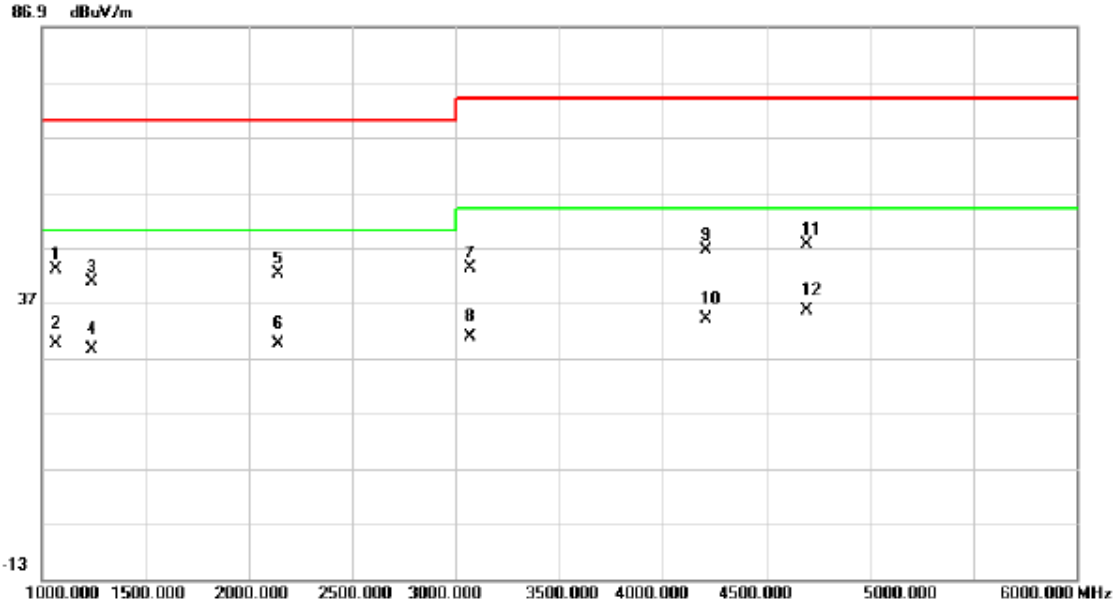
(4) For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also Complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Polarization:	Vertical



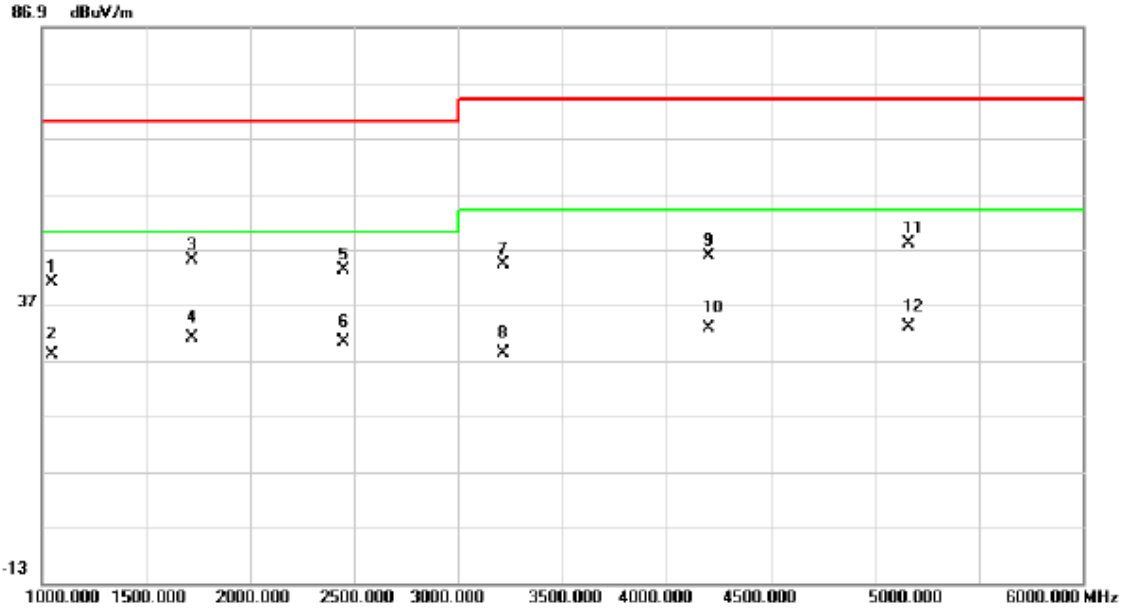
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1150.000	46.69	-7.22	39.47	70.00	-30.53	peak	
2		1150.000	34.23	-7.22	27.01	50.00	-22.99	AVG	
3		1235.000	46.06	-6.63	39.43	70.00	-30.57	peak	
4		1235.000	33.62	-6.63	26.99	50.00	-23.01	AVG	
5		1720.000	48.20	-3.22	44.98	70.00	-25.02	peak	
6	*	1720.000	36.15	-3.22	32.93	50.00	-17.07	AVG	
7		1885.000	45.20	-2.04	43.16	70.00	-26.84	peak	
8		1885.000	32.36	-2.04	30.32	50.00	-19.68	AVG	
9		2425.000	45.42	-0.74	44.68	70.00	-25.32	peak	
10		2425.000	30.62	-0.74	29.88	50.00	-20.12	AVG	
11		4700.000	43.16	5.54	48.70	74.00	-25.30	peak	
12		4700.000	31.28	5.54	36.82	54.00	-17.18	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handfree	Polarization:	Horizontal



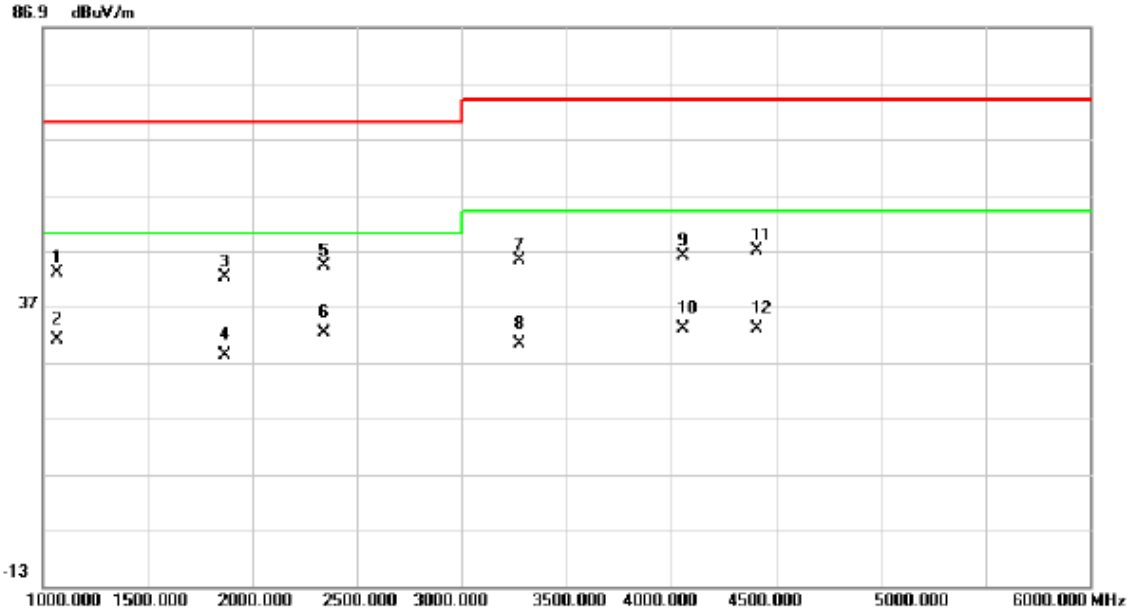
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1070.000	50.74	-7.78	42.96	70.00	-27.04	peak	
2		1070.000	37.35	-7.78	29.57	50.00	-20.43	AVG	
3		1240.000	47.30	-6.60	40.70	70.00	-29.30	peak	
4		1240.000	35.23	-6.60	28.63	50.00	-21.37	AVG	
5		2145.000	43.23	-1.06	42.17	70.00	-27.83	peak	
6		2145.000	30.62	-1.06	29.56	50.00	-20.44	AVG	
7		3070.000	43.00	0.27	43.27	74.00	-30.73	peak	
8		3070.000	30.54	0.27	30.81	54.00	-23.19	AVG	
9		4210.000	41.93	4.59	46.52	74.00	-27.48	peak	
10		4210.000	29.56	4.59	34.15	54.00	-19.85	AVG	
11		4695.000	42.08	5.53	47.61	74.00	-26.39	peak	
12	*	4695.000	30.03	5.53	35.56	54.00	-18.44	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Polarization:	Vertical



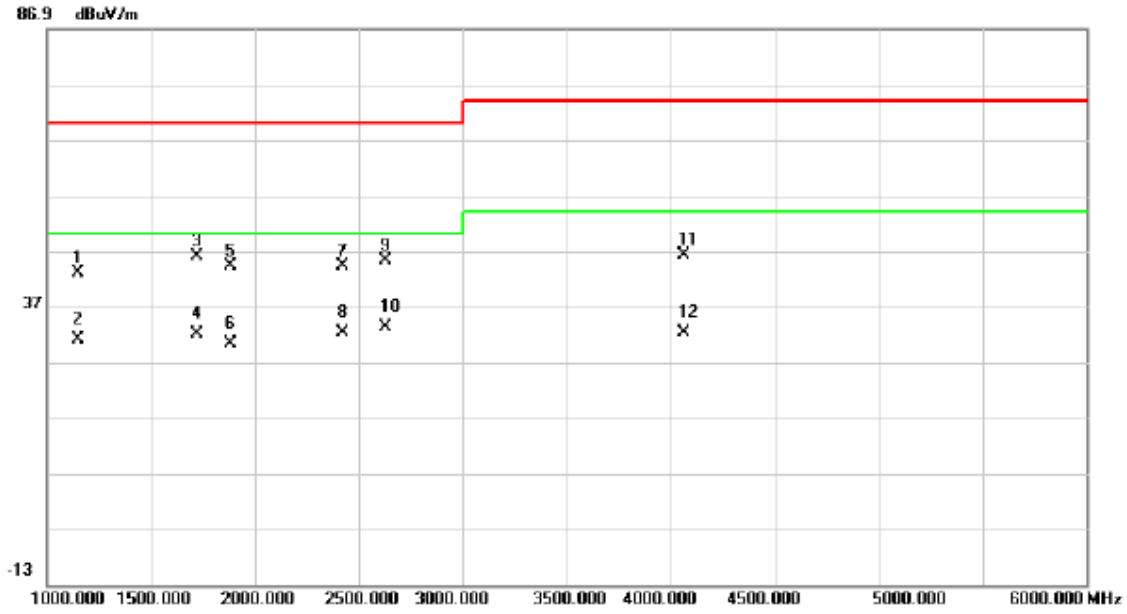
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1050.000	48.84	-7.92	40.92	70.00	-29.08	peak	
2		1050.000	35.84	-7.92	27.92	50.00	-22.08	AVG	
3		1720.000	48.20	-3.22	44.98	70.00	-25.02	peak	
4	*	1720.000	34.20	-3.22	30.98	50.00	-19.02	AVG	
5		2450.000	44.10	-0.71	43.39	70.00	-26.61	peak	
6		2450.000	31.10	-0.71	30.39	50.00	-19.61	AVG	
7		3215.000	43.52	0.72	44.24	74.00	-29.76	peak	
8		3215.000	27.52	0.72	28.24	54.00	-25.76	AVG	
9		4200.000	41.19	4.57	45.76	74.00	-28.24	peak	
10		4200.000	28.19	4.57	32.76	54.00	-21.24	AVG	
11		5160.000	41.39	6.76	48.15	74.00	-25.85	peak	
12		5160.000	26.39	6.76	33.15	54.00	-20.85	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Handset	Polarization:	Horizontal



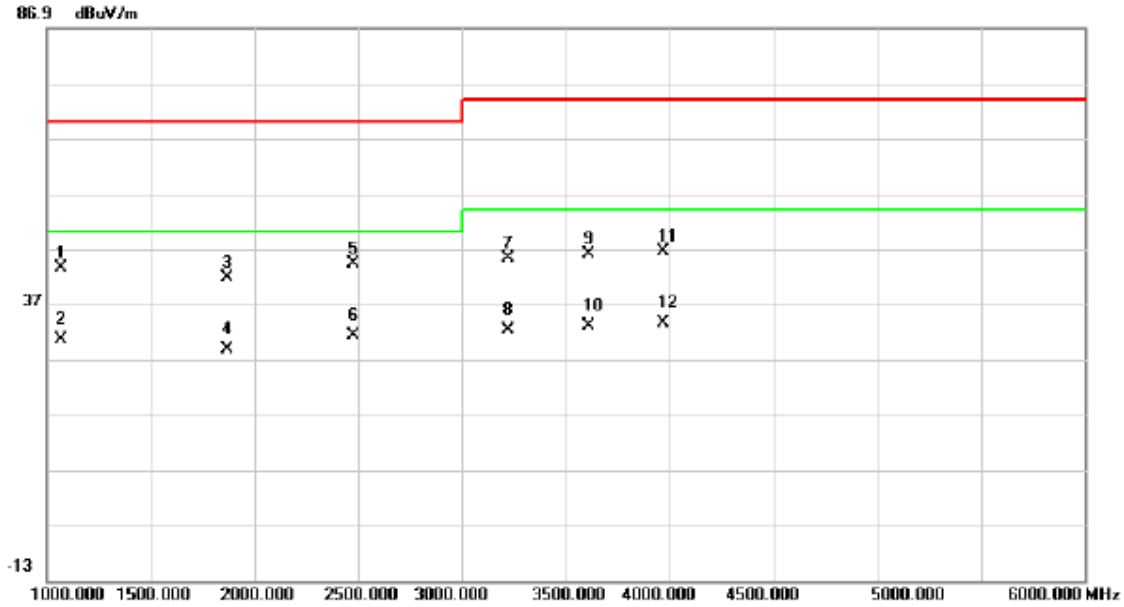
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1070.000	50.74	-7.78	42.96	70.00	-27.04	peak	
2		1070.000	38.74	-7.78	30.96	50.00	-19.04	AVG	
3		1870.000	44.31	-2.15	42.16	70.00	-27.84	peak	
4		1870.000	30.31	-2.15	28.16	50.00	-21.84	AVG	
5		2345.000	45.04	-0.83	44.21	70.00	-25.79	peak	
6	*	2345.000	33.04	-0.83	32.21	50.00	-17.79	AVG	
7		3275.000	44.39	0.91	45.30	74.00	-28.70	peak	
8		3275.000	29.39	0.91	30.30	54.00	-23.70	AVG	
9		4055.000	41.65	4.36	46.01	74.00	-27.99	peak	
10		4055.000	28.65	4.36	33.01	54.00	-20.99	AVG	
11		4410.000	42.07	4.88	46.95	74.00	-27.05	peak	
12		4410.000	28.07	4.88	32.95	54.00	-21.05	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Polarization:	Vertical



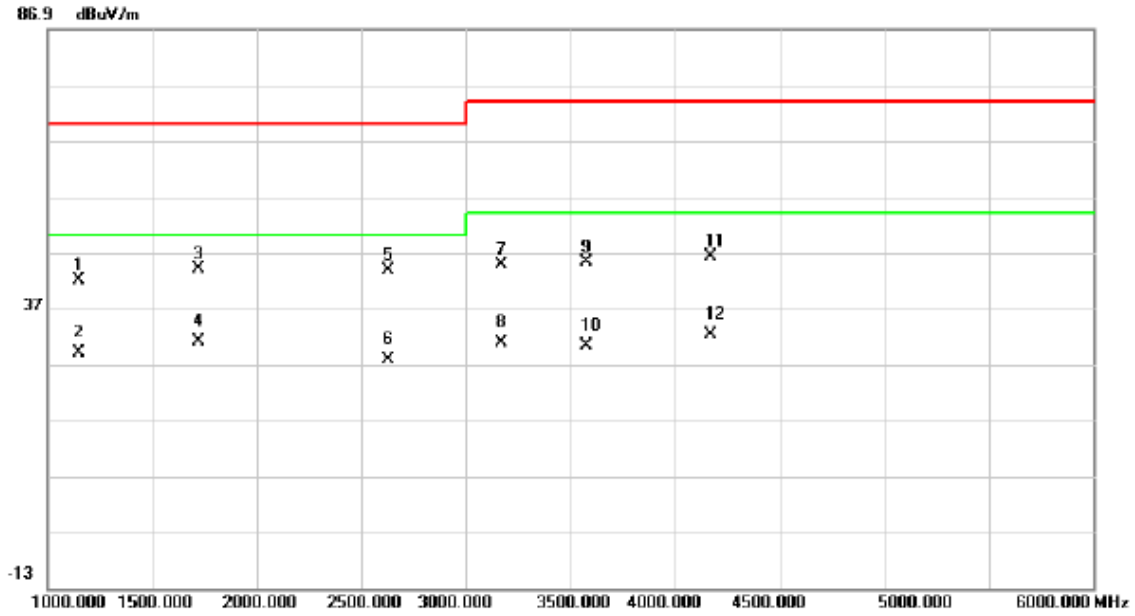
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1150.000	50.19	-7.22	42.97	70.00	-27.03	peak	
2		1150.000	38.19	-7.22	30.97	50.00	-19.03	AVG	
3		1720.000	49.20	-3.22	45.98	70.00	-24.02	peak	
4		1720.000	35.20	-3.22	31.98	50.00	-18.02	AVG	
5		1885.000	46.20	-2.04	44.16	70.00	-25.84	peak	
6		1885.000	32.20	-2.04	30.16	50.00	-19.84	AVG	
7		2425.000	44.92	-0.74	44.18	70.00	-25.82	peak	
8		2425.000	32.92	-0.74	32.18	50.00	-17.82	AVG	
9		2630.000	45.79	-0.46	45.33	70.00	-24.67	peak	
10	*	2630.000	33.79	-0.46	33.33	50.00	-16.67	AVG	
11		4060.000	41.97	4.38	46.35	74.00	-27.65	peak	
12		4060.000	27.97	4.38	32.35	54.00	-21.65	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 240/50Hz
Test Mode :	Headphone	Polarization:	Horizontal



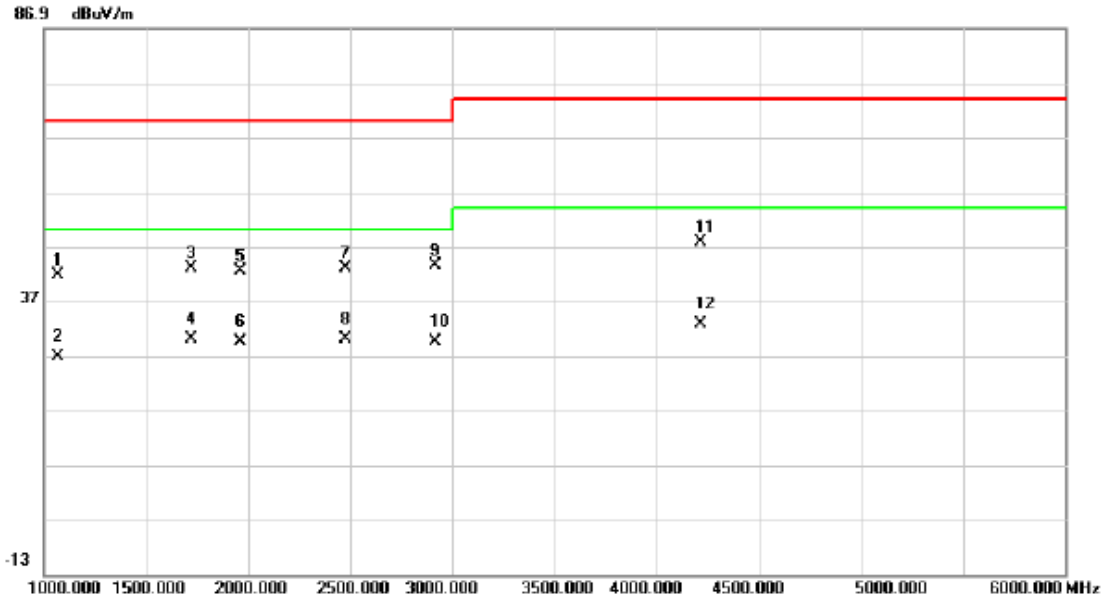
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1070.000	51.24	-7.78	43.46	70.00	-26.54	peak	
2		1070.000	38.24	-7.78	30.46	50.00	-19.54	AVG	
3		1870.000	43.81	-2.15	41.66	70.00	-28.34	peak	
4		1870.000	30.81	-2.15	28.66	50.00	-21.34	AVG	
5		2475.000	45.02	-0.68	44.34	70.00	-25.66	peak	
6	*	2475.000	32.02	-0.68	31.34	50.00	-18.66	AVG	
7		3220.000	44.54	0.74	45.28	74.00	-28.72	peak	
8		3220.000	31.54	0.74	32.28	54.00	-21.72	AVG	
9		3610.000	43.82	2.21	46.03	74.00	-27.97	peak	
10		3610.000	30.82	2.21	33.03	54.00	-20.97	AVG	
11		3970.000	42.39	4.13	46.52	74.00	-27.48	peak	
12		3970.000	29.39	4.13	33.52	54.00	-20.48	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Handfree	Polarization:	Vertical



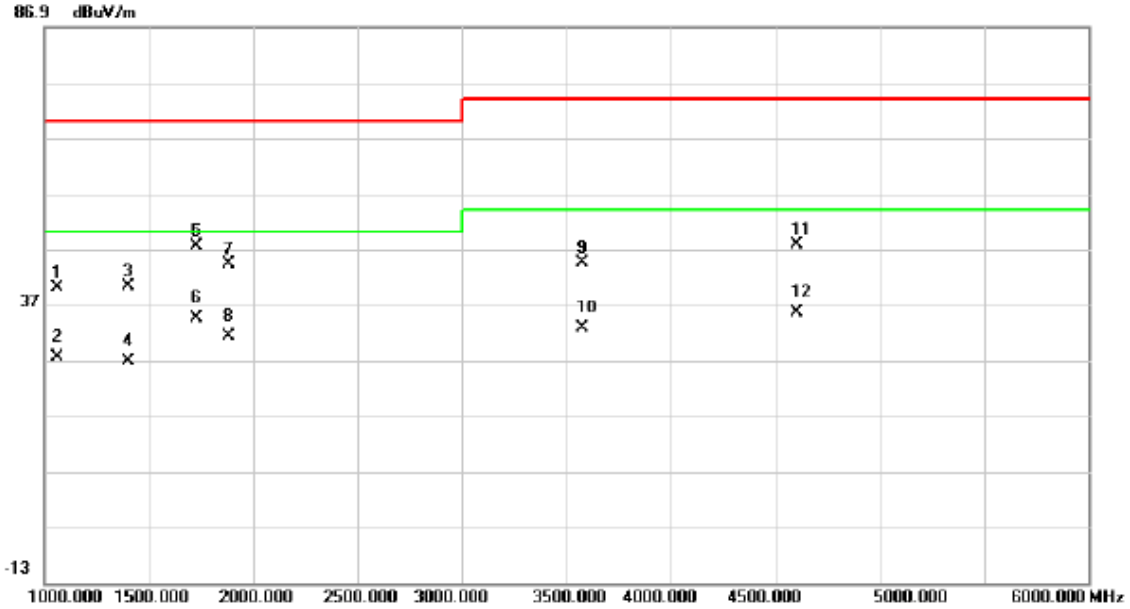
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1150.000	49.19	-7.22	41.97	70.00	-28.03	peak	
2		1150.000	36.19	-7.22	28.97	50.00	-21.03	AVG	
3		1720.000	47.20	-3.22	43.98	70.00	-26.02	peak	
4	*	1720.000	34.20	-3.22	30.98	50.00	-19.02	AVG	
5		2630.000	44.29	-0.46	43.83	70.00	-26.17	peak	
6		2630.000	28.29	-0.46	27.83	50.00	-22.17	AVG	
7		3170.000	44.13	0.59	44.72	74.00	-29.28	peak	
8		3170.000	30.13	0.59	30.72	54.00	-23.28	AVG	
9		3575.000	43.31	2.01	45.32	74.00	-28.68	peak	
10		3575.000	28.31	2.01	30.32	54.00	-23.68	AVG	
11		4170.000	41.80	4.53	46.33	74.00	-27.67	peak	
12		4170.000	27.80	4.53	32.33	54.00	-21.67	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Handfree	Polarization:	Horizontal



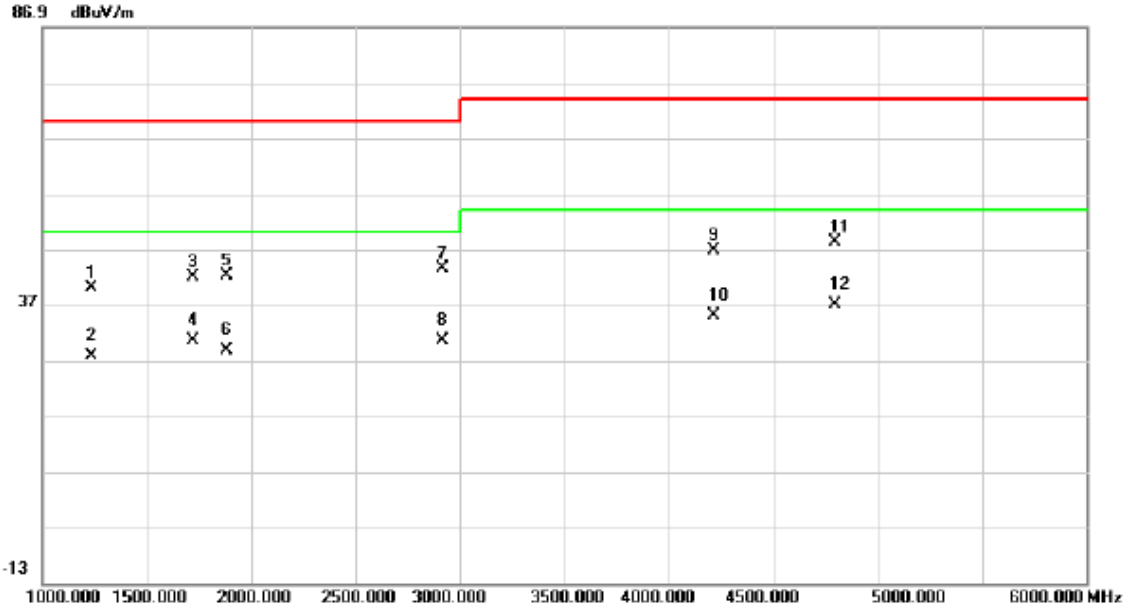
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1070.000	49.53	-7.78	41.75	70.00	-28.25	peak	
2		1070.000	34.53	-7.78	26.75	50.00	-23.25	AVG	
3		1720.000	46.33	-3.22	43.11	70.00	-26.89	peak	
4		1720.000	33.33	-3.22	30.11	50.00	-19.89	AVG	
5		1965.000	44.07	-1.48	42.59	70.00	-27.41	peak	
6		1965.000	31.07	-1.48	29.59	50.00	-20.41	AVG	
7		2475.000	43.81	-0.68	43.13	70.00	-26.87	peak	
8	*	2475.000	30.81	-0.68	30.13	50.00	-19.87	AVG	
9		2915.000	43.65	-0.07	43.58	70.00	-26.42	peak	
10		2915.000	29.65	-0.07	29.58	50.00	-20.42	AVG	
11		4215.000	43.12	4.59	47.71	74.00	-26.29	peak	
12		4215.000	28.12	4.59	32.71	54.00	-21.29	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Handset	Polarization:	Vertical



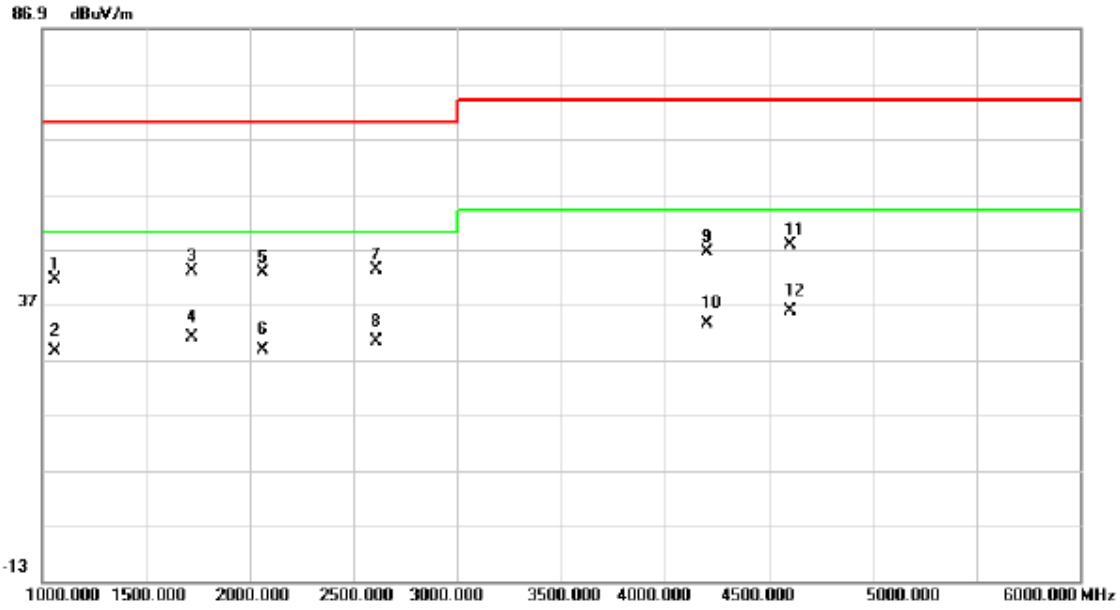
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1065.000	47.80	-7.81	39.99	70.00	-30.01	peak	
2		1065.000	35.25	-7.81	27.44	50.00	-22.56	AVG	
3		1400.000	45.79	-5.47	40.32	70.00	-29.68	peak	
4		1400.000	32.24	-5.47	26.77	50.00	-23.23	AVG	
5		1730.000	50.55	-3.14	47.41	70.00	-22.59	peak	
6	*	1730.000	37.62	-3.14	34.48	50.00	-15.52	AVG	
7		1885.000	46.25	-2.04	44.21	70.00	-25.79	peak	
8		1885.000	33.43	-2.04	31.39	50.00	-18.61	AVG	
9		3575.000	42.42	2.01	44.43	74.00	-29.57	peak	
10		3575.000	30.85	2.01	32.86	54.00	-21.14	AVG	
11		4600.000	42.51	5.27	47.78	74.00	-26.22	peak	
12		4600.000	30.26	5.27	35.53	54.00	-18.47	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Handset	Polarization:	Horizontal



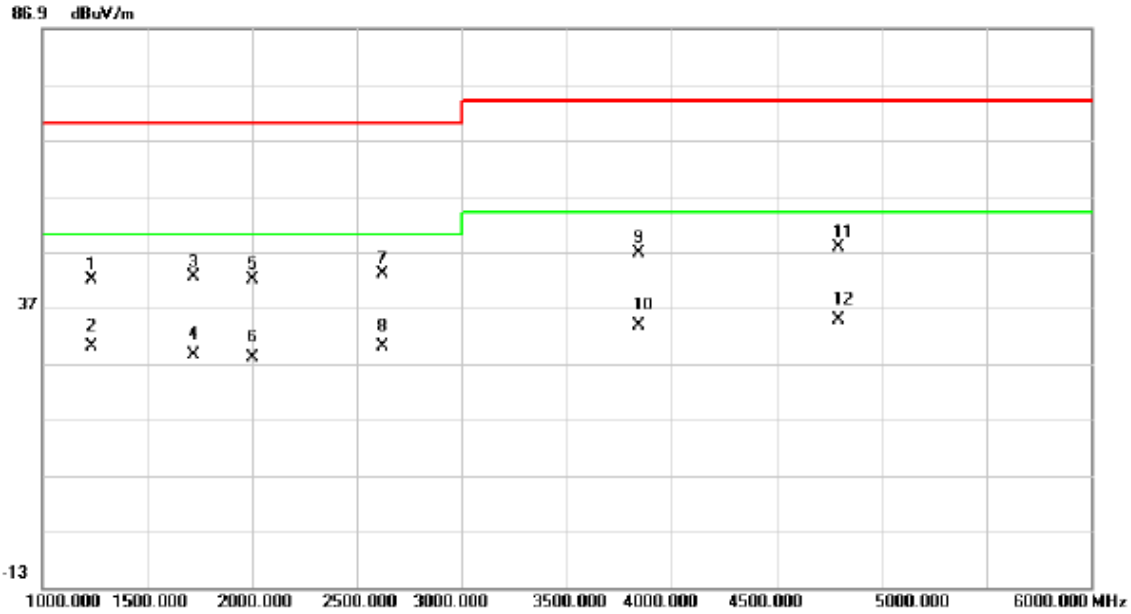
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1235.000	46.68	-6.63	40.05	70.00	-29.95	peak	
2		1235.000	34.53	-6.63	27.90	50.00	-22.10	AVG	
3		1720.000	45.33	-3.22	42.11	70.00	-27.89	peak	
4		1720.000	33.65	-3.22	30.43	50.00	-19.57	AVG	
5		1885.000	44.44	-2.04	42.40	70.00	-27.60	peak	
6		1885.000	30.78	-2.04	28.74	50.00	-21.26	AVG	
7		2915.000	43.65	-0.07	43.58	70.00	-26.42	peak	
8		2915.000	30.69	-0.07	30.62	50.00	-19.38	AVG	
9		4215.000	42.12	4.59	46.71	74.00	-27.29	peak	
10		4215.000	30.53	4.59	35.12	54.00	-18.88	AVG	
11		4795.000	42.53	5.79	48.32	74.00	-25.68	peak	
12	*	4795.000	31.25	5.79	37.04	54.00	-16.96	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Headphone	Polarization:	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1065.000	49.30	-7.81	41.49	70.00	-28.51	peak	
2		1065.000	36.30	-7.81	28.49	50.00	-21.51	AVG	
3		1725.000	46.11	-3.18	42.93	70.00	-27.07	peak	
4		1725.000	34.11	-3.18	30.93	50.00	-19.07	AVG	
5		2065.000	43.96	-1.15	42.81	70.00	-27.19	peak	
6		2065.000	29.96	-1.15	28.81	50.00	-21.19	AVG	
7		2610.000	43.84	-0.50	43.34	70.00	-26.66	peak	
8		2610.000	30.84	-0.50	30.34	50.00	-19.66	AVG	
9		4205.000	42.04	4.58	46.62	74.00	-27.38	peak	
10		4205.000	29.04	4.58	33.62	54.00	-20.38	AVG	
11		4600.000	42.51	5.27	47.78	74.00	-26.22	peak	
12	*	4600.000	30.51	5.27	35.78	54.00	-18.22	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	DC 48V
Test Mode :	Headphone	Polarization:	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1235.000	48.68	-6.63	42.05	70.00	-27.95	peak	
2		1235.000	36.68	-6.63	30.05	50.00	-19.95	AVG	
3		1720.000	45.83	-3.22	42.61	70.00	-27.39	peak	
4		1720.000	31.83	-3.22	28.61	50.00	-21.39	AVG	
5		2000.000	43.36	-1.23	42.13	70.00	-27.87	peak	
6		2000.000	29.36	-1.23	28.13	50.00	-21.87	AVG	
7		2625.000	43.49	-0.48	43.01	70.00	-26.99	peak	
8		2625.000	30.49	-0.48	30.01	50.00	-19.99	AVG	
9		3840.000	43.31	3.42	46.73	74.00	-27.27	peak	
10		3840.000	30.31	3.42	33.73	54.00	-20.27	AVG	
11		4795.000	42.03	5.79	47.82	74.00	-26.18	peak	
12	*	4795.000	29.03	5.79	34.82	54.00	-19.18	AVG	