

FCC Test Report

Project No. : 1505C099
Equipment : IP Phone
Model Name : X5G
Applicant : Fanvil Technology Co.Ltd
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Date of Receipt : May 12, 2015
Date of Test : May 12, 2015 ~ Jun. 05, 2015
Issued Date : Jun. 08, 2015
Tested by : BTL Inc.

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Testing Laboratory

0659

Declaration

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

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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-1-1505C099	Original Issue.	Jun. 08, 2015

1.CERIFICATION

Equipment : IP Phone
Brand Name : Fanvil
Model Name : X5G
Applicant : Fanvil Technology Co.Ltd
Date of Test : May 12, 2015 ~ Jun. 05, 2015
Standard(s) : FCC Part 15, Subpart B: 2014 Class B
ANSI C63.4-2009

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1505C099) 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 standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part 15, Subpart B: 2014	Conducted Emission	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 1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR16-4-2. The 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)	Note
C02	CISPR	150 kHz~30MHz	2.59	

B. Radiated Measurement :

Test Site	Item	Measurement Frequency Range	Uncertainty	Note
CB08	Radiated emission at 3m	Horizontal Polarization	30 - 200MHz	3.35 dB
			200 - 1000MHz	3.11 dB
			1 - 18GHz	3.97 dB
			18 - 40GHz	4.01 dB
		VerticalPolarization	30 - 200MHz	3.22 dB
			200 - 1000MHz	3.24 dB
			1 - 18GHz	4.05 dB
			18 - 40GHz	4.04 dB

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
PowerSource	1# DC Voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN FRECOM ELECTRONICS CO.,LTD. Model: F05W-050100SPAU 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 EUT's maximum operating frequency is 166MHz

3.2 DESCRIPTION OF TEST MODES

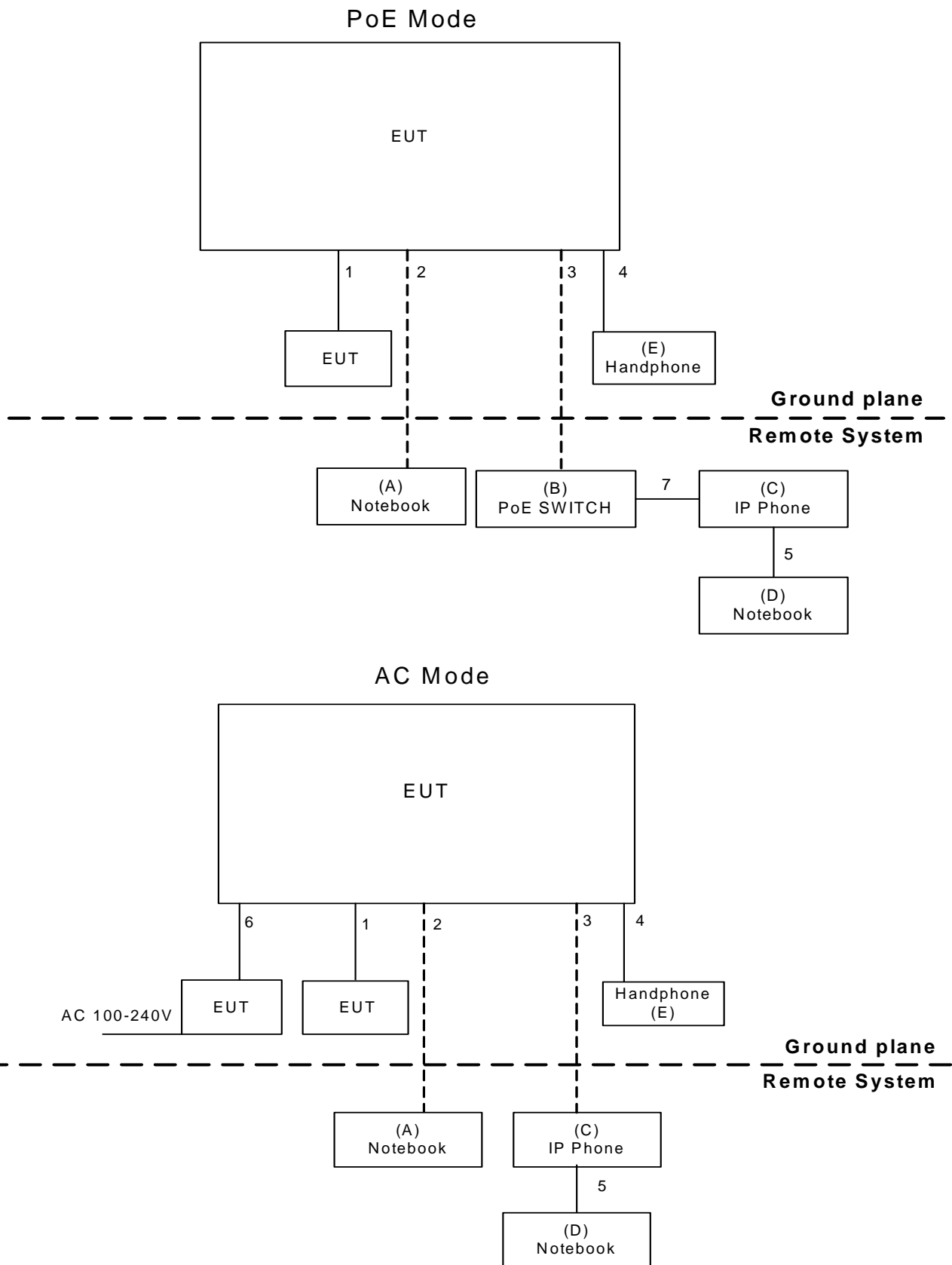
To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration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

Pretest Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Headphone

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

For Conducted / Radiated Test	
Final Test Mode	Description
Mode 1	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	TWO-LINE V-NETWORK	R&S	ENV216	100087	Dec. 07, 2015
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 15, 2015
3	EMI Test Receiver	Agilent	N9038A	MY5121021 5	Apr. 21, 2016
4	Measurement Software	EZ	EZ EMC (Version NB-03A)	N/A	N/A

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

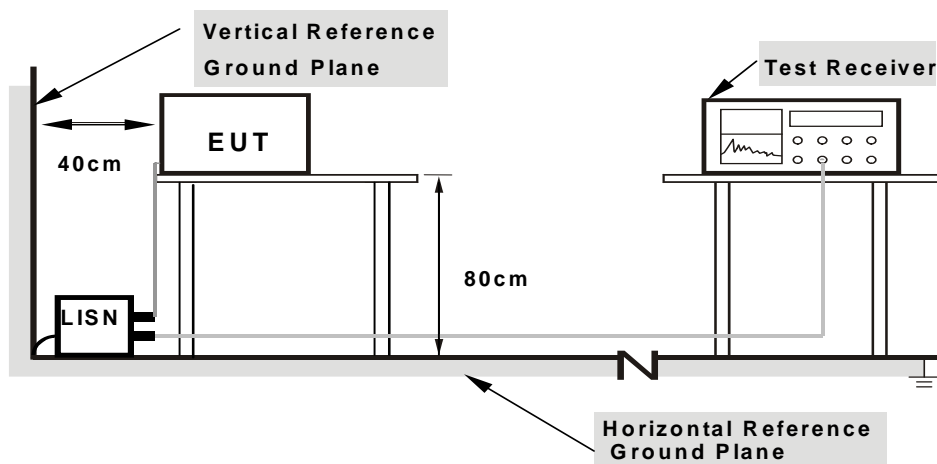
4.1.3 TESTPROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the groundplane 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



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

4.1.6 TEST RESULTS

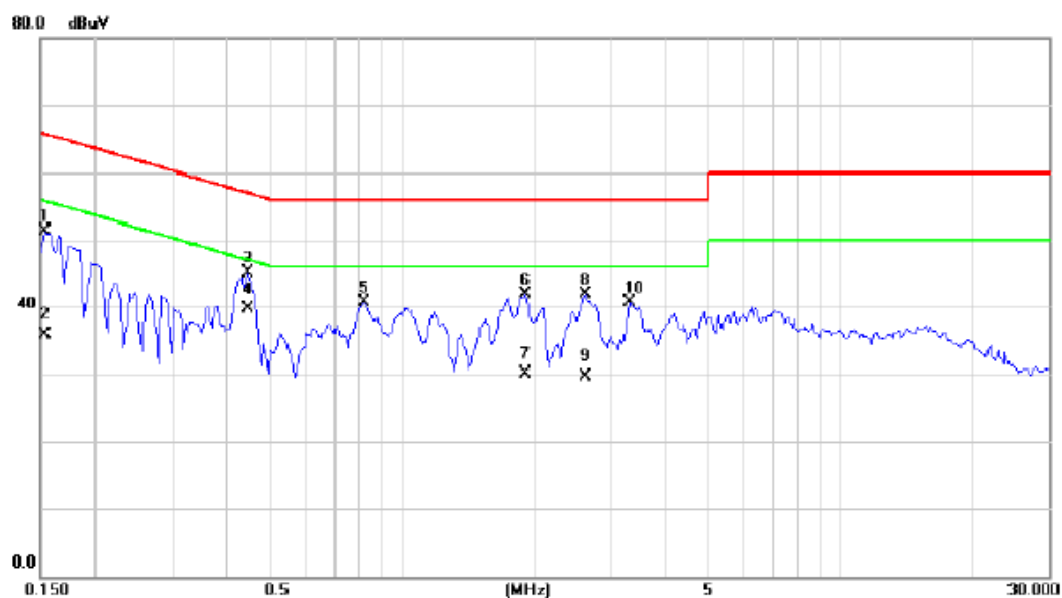
The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

4.1.7 TEST RESULTS

Remark

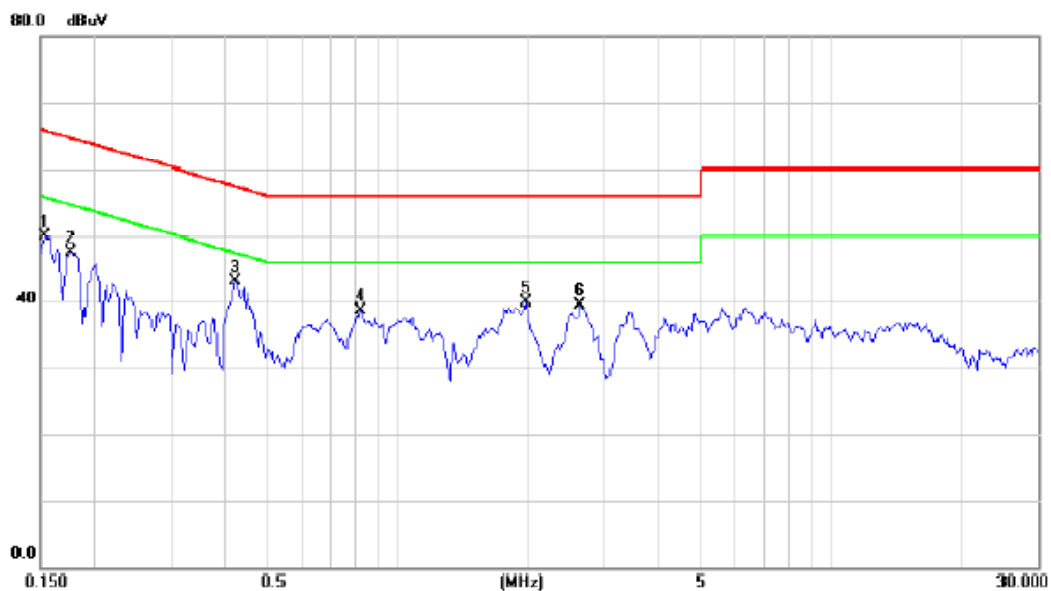
- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz ; SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz,VBW=10KHz, Swp. Time =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 120/60Hz
Test Mode :	Handfree	Phase :	Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1540	41.56	9.67	51.23	65.78	-14.55	peak	
2		0.1540	26.20	9.67	35.87	55.78	-19.91	AVG	
3		0.4430	35.32	9.81	45.13	57.01	-11.88	peak	
4	*	0.4430	29.80	9.81	39.61	47.01	-7.40	AVG	
5		0.8180	30.86	9.93	40.79	56.00	-15.21	peak	
6		1.9195	32.02	9.87	41.89	56.00	-14.11	peak	
7		1.9195	20.20	9.87	30.07	46.00	-15.93	AVG	
8		2.6148	32.07	9.91	41.98	56.00	-14.02	peak	
9		2.6148	19.70	9.91	29.61	46.00	-16.39	AVG	
10		3.3047	30.92	9.83	40.75	56.00	-15.25	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handfree	Phase :	Neutral



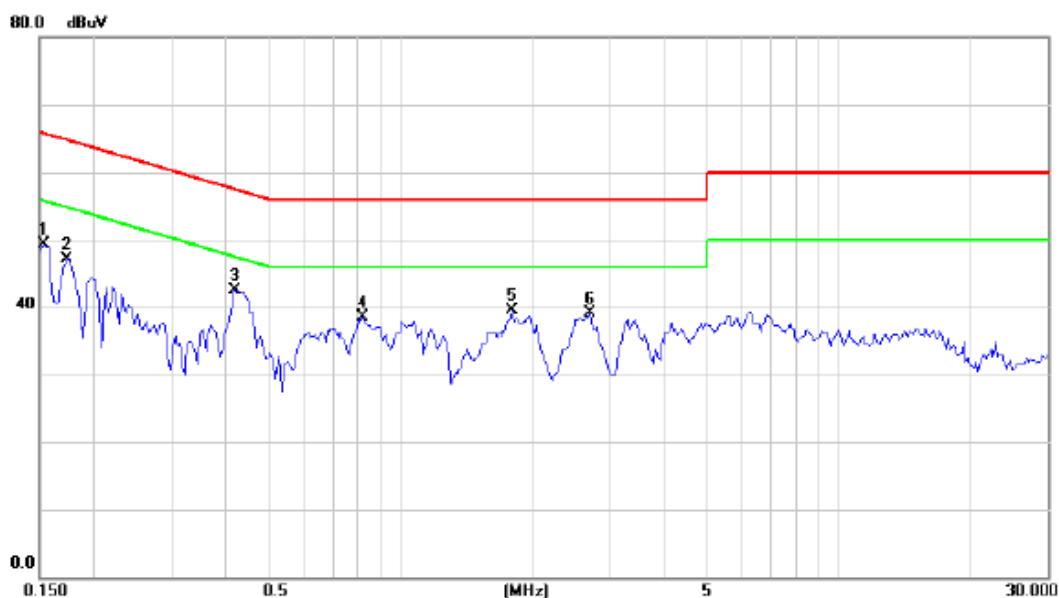
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1540	40.39	9.59	49.98	65.78	-15.80	peak	
2		0.1773	37.93	9.60	47.53	64.61	-17.08	peak	
3	*	0.4234	33.51	9.63	43.14	57.38	-14.24	peak	
4		0.8220	29.07	9.73	38.80	56.00	-17.20	peak	
5		1.9781	29.97	9.93	39.90	56.00	-16.10	peak	
6		2.6383	29.67	9.85	39.52	56.00	-16.48	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Phase :	Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1773	37.17	9.69	46.86	64.61	-17.75	peak	
2		0.4430	35.32	9.81	45.13	57.01	-11.88	peak	
3	*	0.4430	29.60	9.81	39.41	47.01	-7.60	AVG	
4		0.8180	30.92	9.93	40.85	56.00	-15.15	peak	
5		1.9000	32.16	9.87	42.03	56.00	-13.97	peak	
6		1.9000	19.90	9.87	29.77	46.00	-16.23	AVG	
7		2.6148	32.27	9.91	42.18	56.00	-13.82	peak	
8		2.6148	19.70	9.91	29.61	46.00	-16.39	AVG	
9		3.3086	30.71	9.83	40.54	56.00	-15.46	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Phase :	Neutral



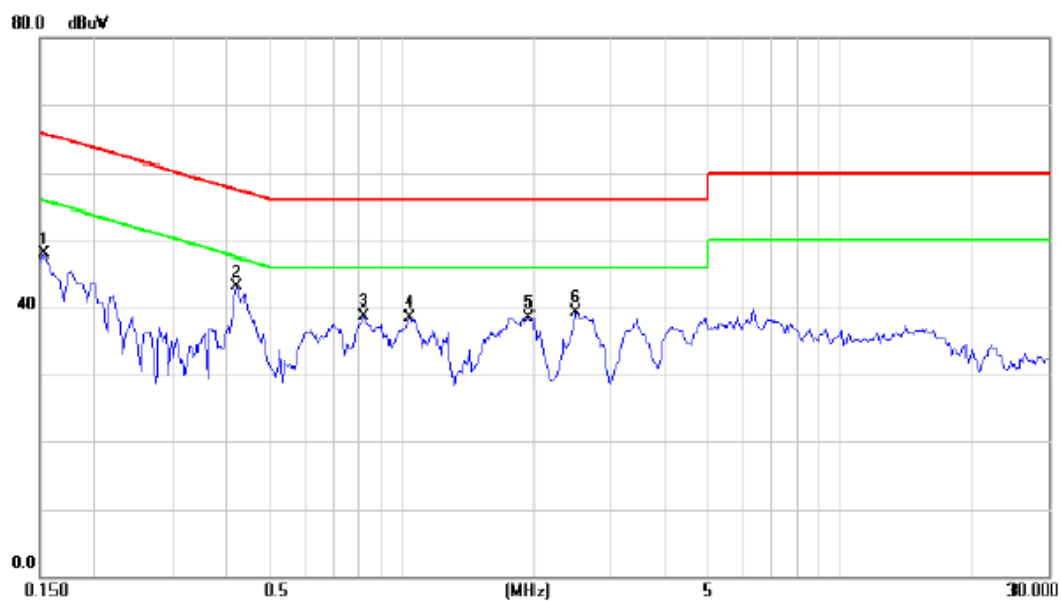
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1540	39.68	9.59	49.27	65.78	-16.51	peak	
2		0.1734	37.57	9.60	47.17	64.80	-17.63	peak	
3	*	0.4195	32.97	9.63	42.60	57.46	-14.86	peak	
4		0.8180	28.81	9.73	38.54	56.00	-17.46	peak	
5		1.7984	29.55	9.89	39.44	56.00	-16.56	peak	
6		2.7047	29.34	9.84	39.18	56.00	-16.82	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Phase :	Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1540	38.58	9.67	48.25	65.78	-17.53	peak	
2		0.4352	35.50	9.81	45.31	57.15	-11.84	peak	
3	*	0.4352	26.30	9.81	36.11	47.15	-11.04	AVG	
4		0.8023	30.98	9.93	40.91	56.00	-15.09	peak	
5		1.7477	32.02	9.89	41.91	56.00	-14.09	peak	
6		2.6812	32.58	9.90	42.48	56.00	-13.52	peak	
7		2.6812	18.40	9.90	28.30	46.00	-17.70	AVG	
8		3.3203	31.00	9.83	40.83	56.00	-15.17	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	24° C	Relative Humidity :	55 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Phase :	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1540	38.31	9.59	47.90	65.78	-17.88	peak	
2	*	0.4234	33.45	9.63	43.08	57.38	-14.30	peak	
3		0.8220	28.95	9.73	38.68	56.00	-17.32	peak	
4		1.0406	28.73	9.79	38.52	56.00	-17.48	peak	
5		1.9508	28.62	9.92	38.54	56.00	-17.46	peak	
6		2.5094	29.50	9.87	39.37	56.00	-16.63	peak	

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

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

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

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

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

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

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

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

NOTE:

- (1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B: 2014
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
- (4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB9168	9168-352	Jul. 09, 2015
2	Pre-Amplifier	Anritsu	MH648A	M92649	Apr. 16, 2016
3	Test Cable	TIMES	LMR-400	12M	May. 12, 2016
4	Test Cable	TIMES	LMR-400	3M	May. 12, 2016
5	Spectrum Analyzer	R&S	FSP-40	100129	Jan. 06, 2016
6	EMI Test Receiver	Agilent	N9038A	MY51210215	Apr. 21, 2016
7	Horn Antenna (1G)	Schwarzbeck	BBHA 9120 D	9120D-325	Jul. 28, 2015
8	Pre_Amplifier	Agilent	8449B	3008A01714	Apr. 15, 2016
9	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	1M	May. 11, 2016
10	Microflex Cable	AISI	S104-SMAP-1	10M	May. 13, 2016
11	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	3M	May. 11, 2016
12	Spectrum Analyzer	Agilent	N9020A	MY51160196	Jul. 23, 2015
13	Measurement Software	EZ	EZ EMC (Version NB-03A)	N/A	N/A

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

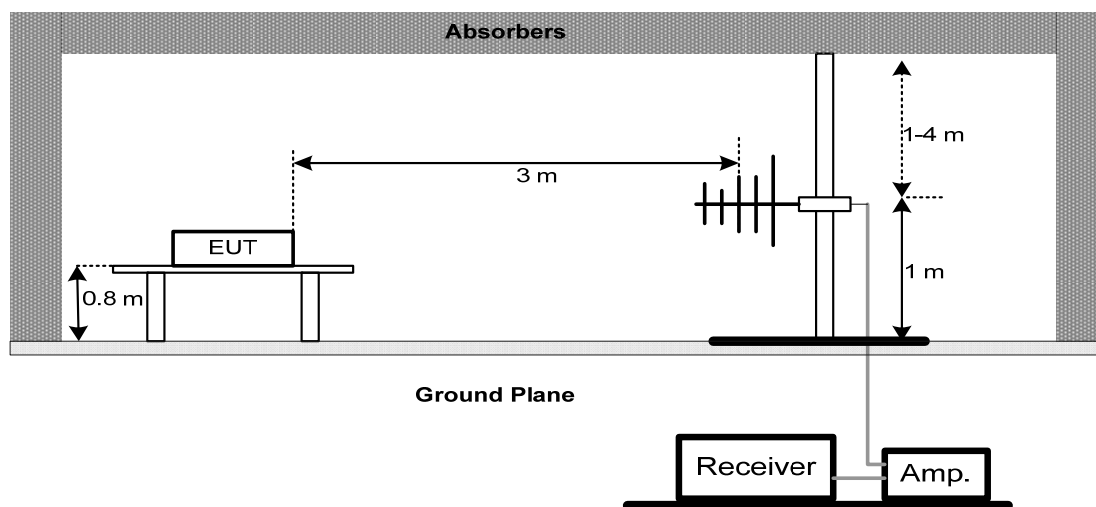
4.2.3 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The 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.
- c. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
- d. 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.
- e. For the actual test configuration, please refer to the related Item –Block Diagram of system tested (please refer to 3.3).

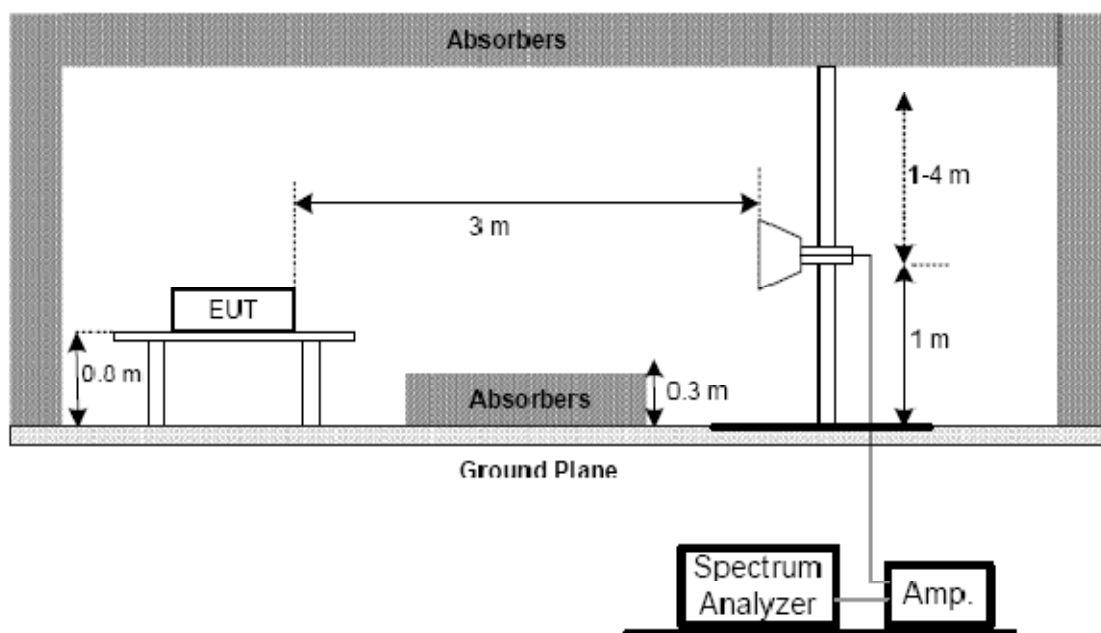
4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TESTSETUP (BELOW 1000MHZ)



4.2.6 TESTSETUP (ABOVE 1000MHZ)



4.2.7 EUT OPERATING CONDITIONS

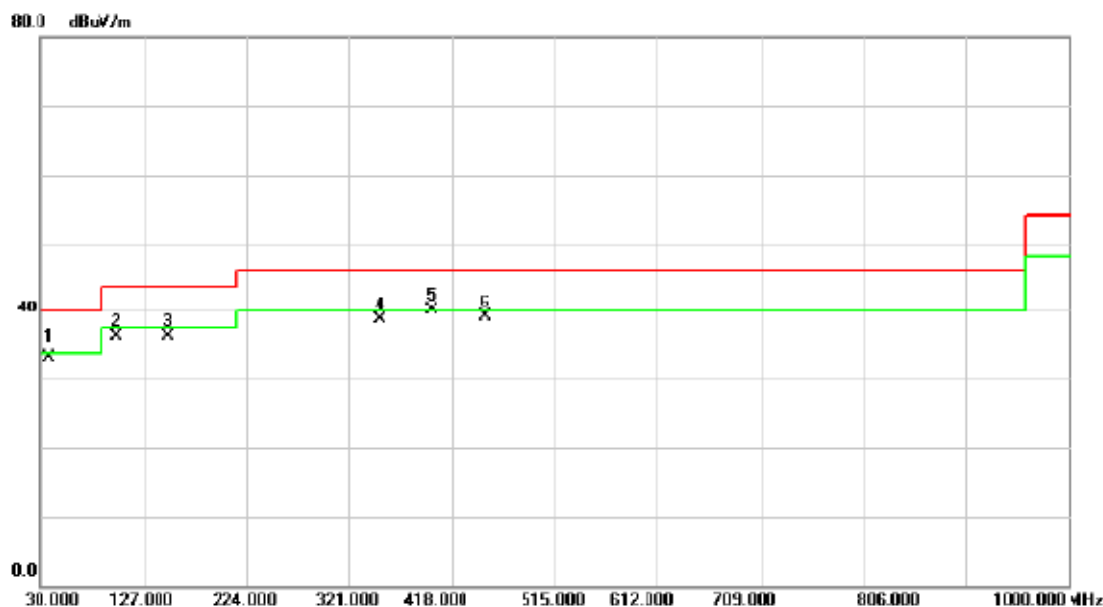
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS-BETWEEN 30MHZ AND 1000MHZ

Remark :

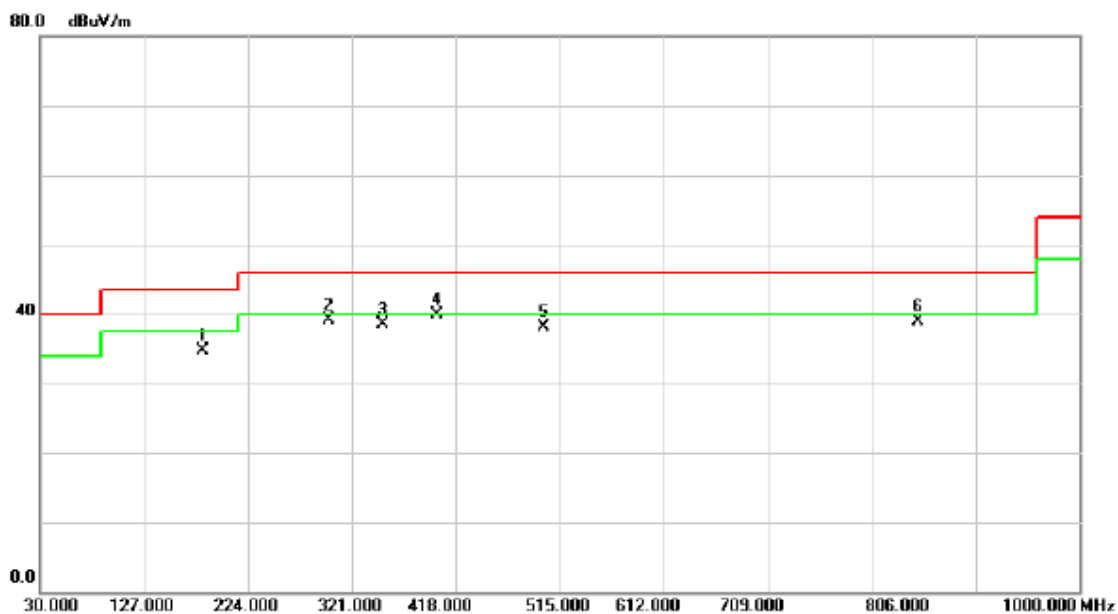
- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Modewith Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading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

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handfree	Polarization :	Vertical



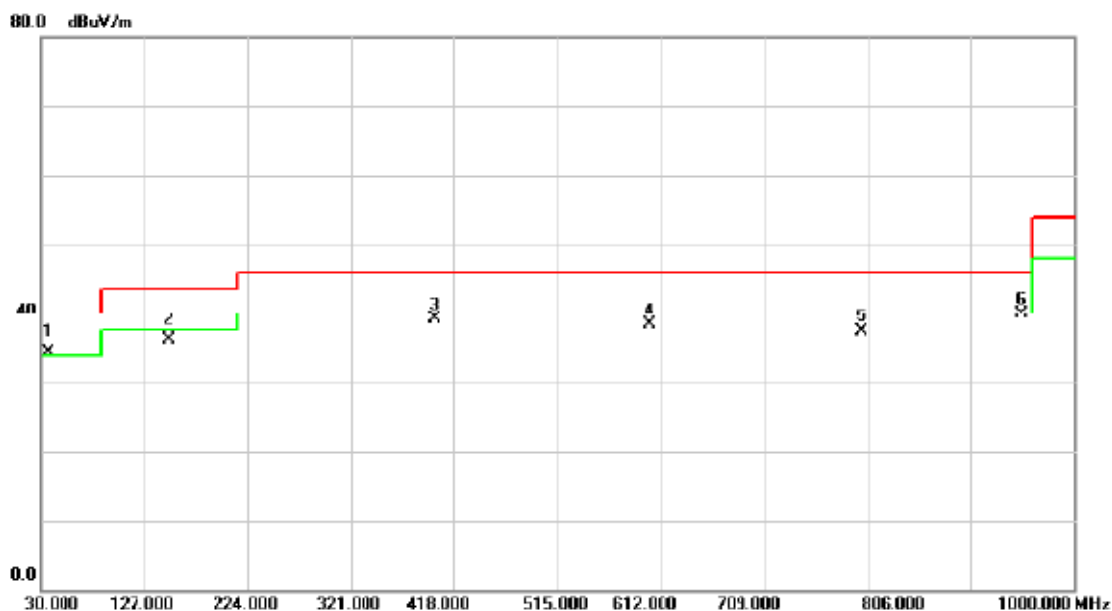
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		37.7600	46.19	-12.96	33.23	40.00	-6.77	QP	
2		101.7800	50.83	-14.53	36.30	43.50	-7.20	peak	
3		150.2800	48.01	-11.62	36.39	43.50	-7.11	peak	
4		350.1000	48.66	-9.92	38.74	46.00	-7.26	peak	
5	*	399.5700	47.30	-7.28	40.02	46.00	-5.98	peak	
6		450.0100	44.92	-5.89	39.03	46.00	-6.97	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handfree	Polarization :	Horizontal



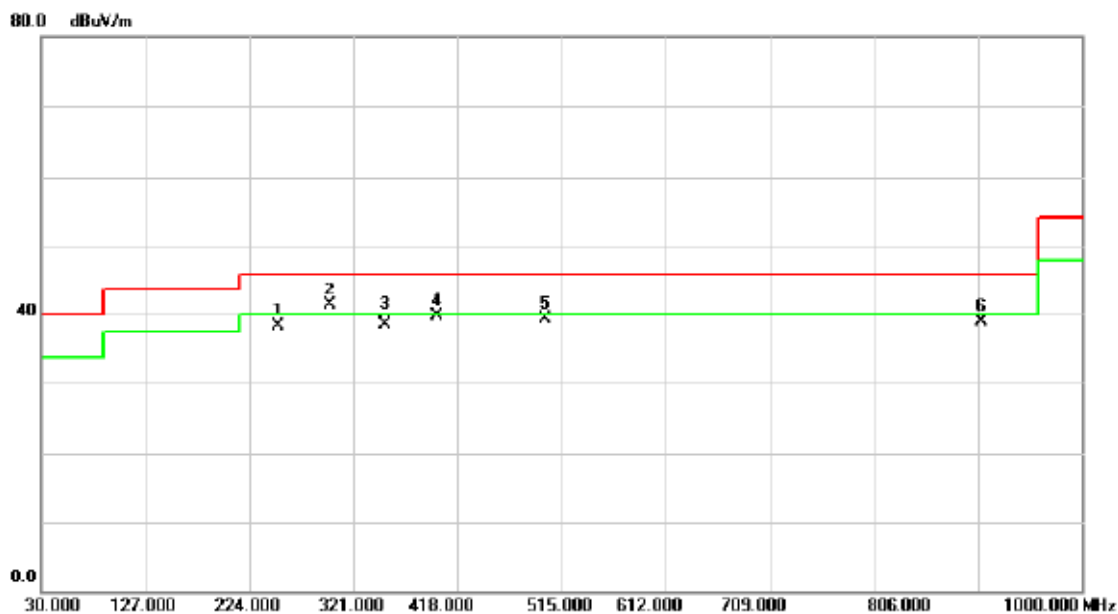
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		182.2900	46.61	-11.82	34.79	43.50	-8.71	peak	
2		299.6600	48.68	-9.59	39.09	46.00	-6.91	peak	
3		350.1000	48.50	-9.92	38.58	46.00	-7.42	peak	
4	*	400.5400	47.08	-7.25	39.83	46.00	-6.17	peak	
5		500.4500	45.51	-7.37	38.14	46.00	-7.86	peak	
6		849.6500	38.77	0.12	38.89	46.00	-7.11	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Polarization :	Vertical



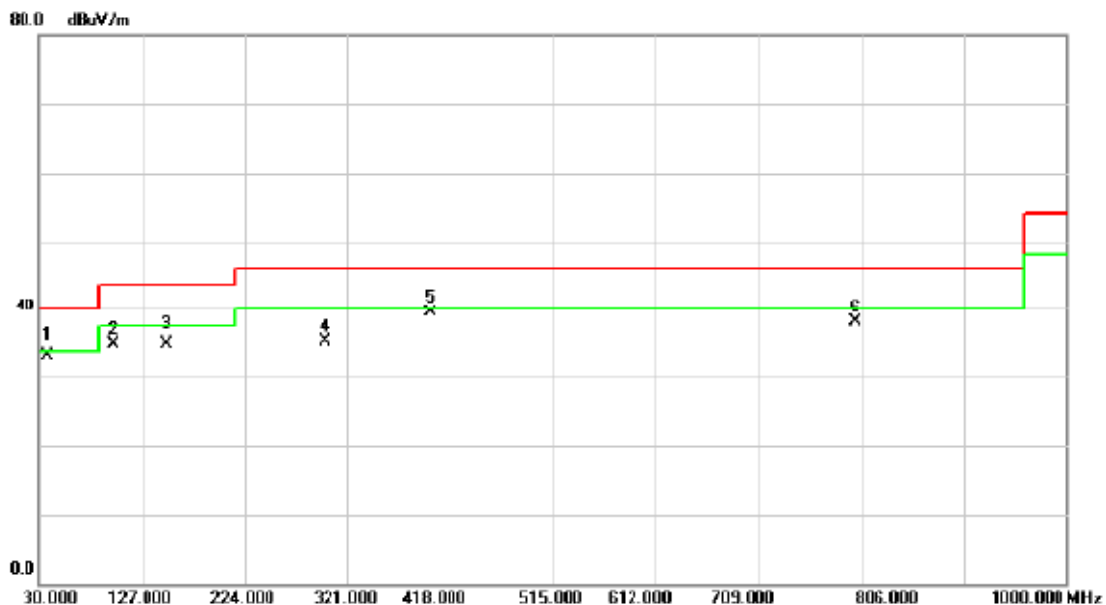
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margn dB	Detector	Comment
1	*	36.7900	47.28	-13.01	34.27	40.00	-5.73	QP	
2		150.2800	47.74	-11.62	36.12	43.50	-7.38	QP	
3		399.5700	46.31	-7.28	39.03	46.00	-6.97	peak	
4		600.3600	42.91	-4.62	38.29	46.00	-7.71	peak	
5		800.1800	37.17	0.16	37.33	46.00	-8.67	peak	
6		950.5300	36.77	3.06	39.83	46.00	-6.17	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Polarization :	Horizontal



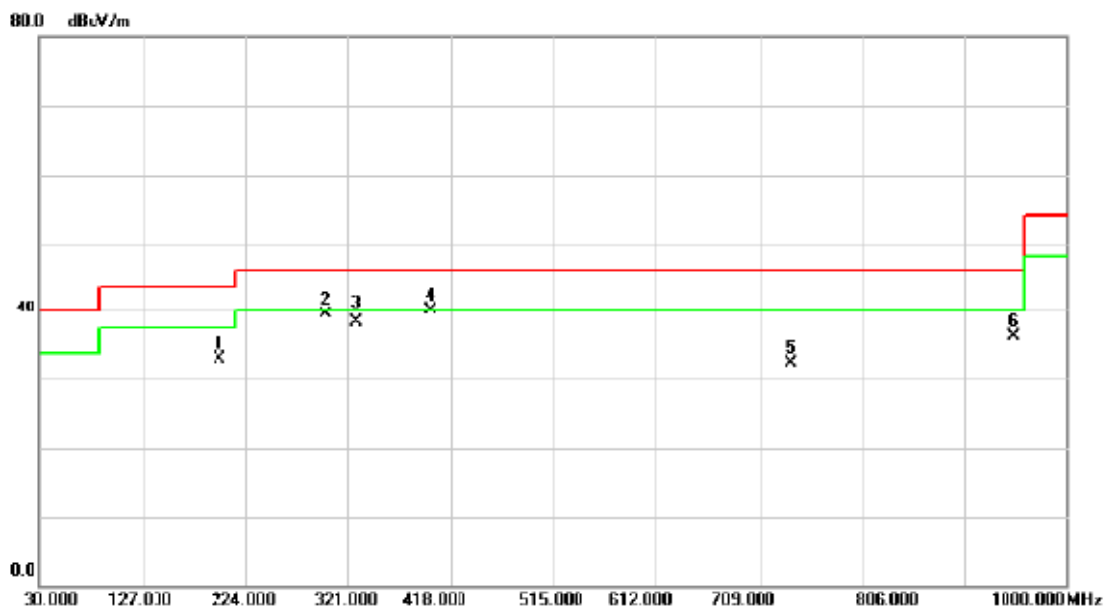
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		250.1900	50.98	-12.67	38.31	46.00	-7.69	peak	
2	*	299.6600	50.88	-9.59	41.29	46.00	-4.71	peak	
3		350.1000	48.35	-9.92	38.43	46.00	-7.57	QP	
4		399.5700	47.04	-7.28	39.76	46.00	-6.24	peak	
5		500.4500	46.65	-7.37	39.28	46.00	-6.72	peak	
6		905.9100	37.04	1.84	38.88	46.00	-7.12	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Polarization :	Vertical



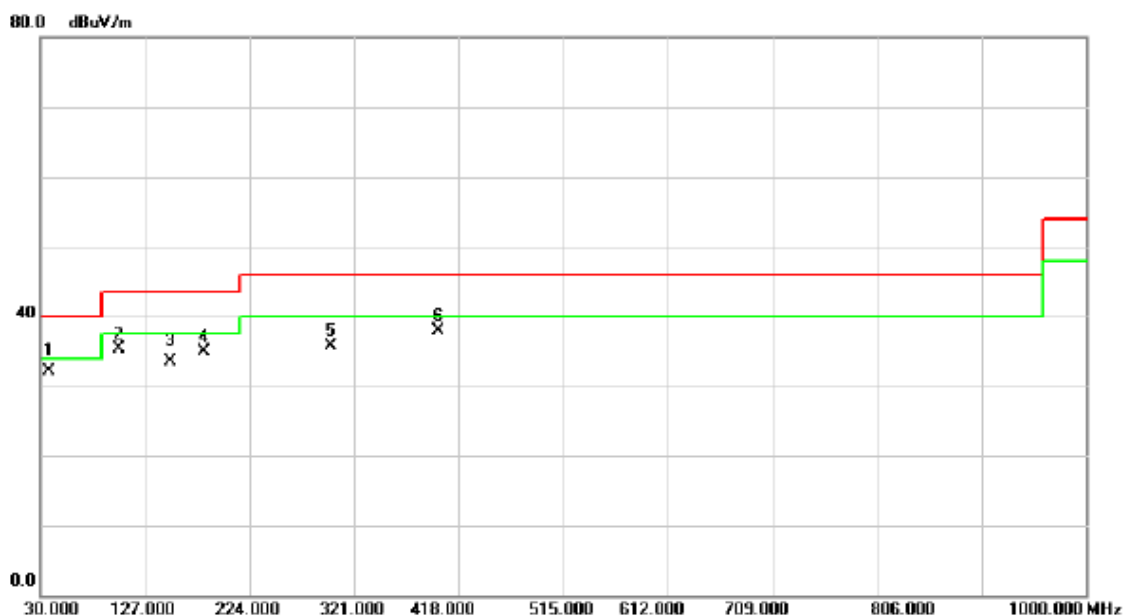
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		38.7300	46.21	-12.83	33.38	40.00	-6.62	QP	
2		100.8100	49.49	-14.61	34.88	43.50	-8.62	peak	
3		150.2800	46.53	-11.62	34.91	43.50	-8.59	QP	
4		299.0600	44.80	-9.59	35.21	46.00	-10.79	peak	
5	*	399.5700	46.72	-7.28	39.44	46.00	-6.56	peak	
6		800.1800	37.95	0.16	38.11	46.00	-7.89	peak	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	25° C	Relative Humidity :	60 %
Pressure :	1008 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Polarization :	Horizontal



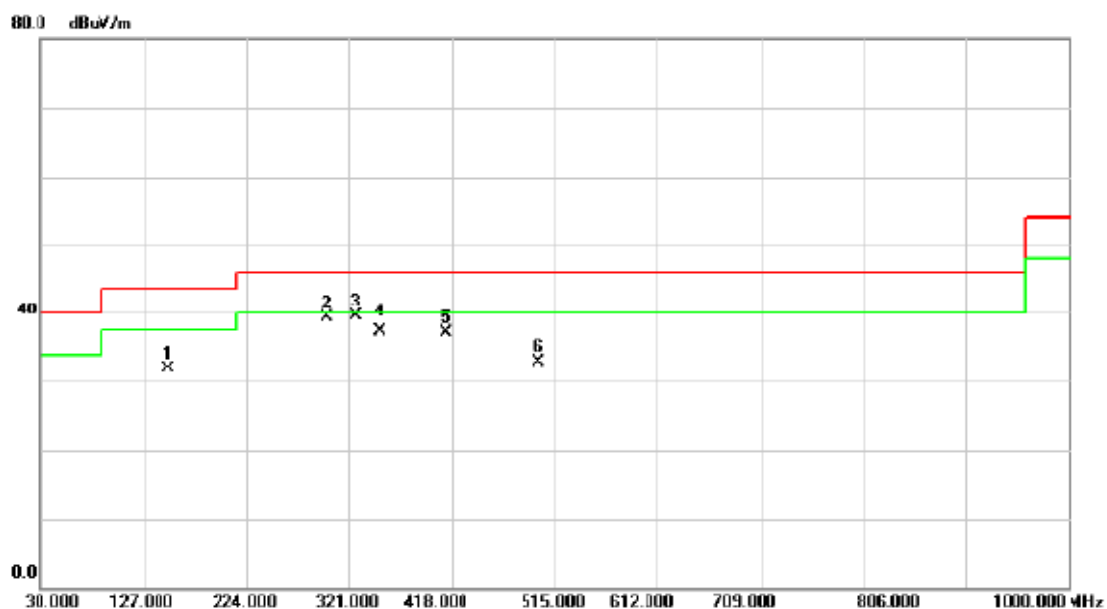
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		199.7500	46.71	-13.55	33.16	43.50	-10.34	peak	
2		299.6600	49.19	-9.59	39.60	46.00	-6.40	peak	
3		329.7300	48.04	-9.79	38.25	46.00	-7.75	QP	
4	*	399.5700	47.30	-7.28	40.02	46.00	-5.98	peak	
5		739.0700	33.95	-1.43	32.52	46.00	-13.48	peak	
6		949.5600	33.32	3.00	36.38	40.00	-9.62	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



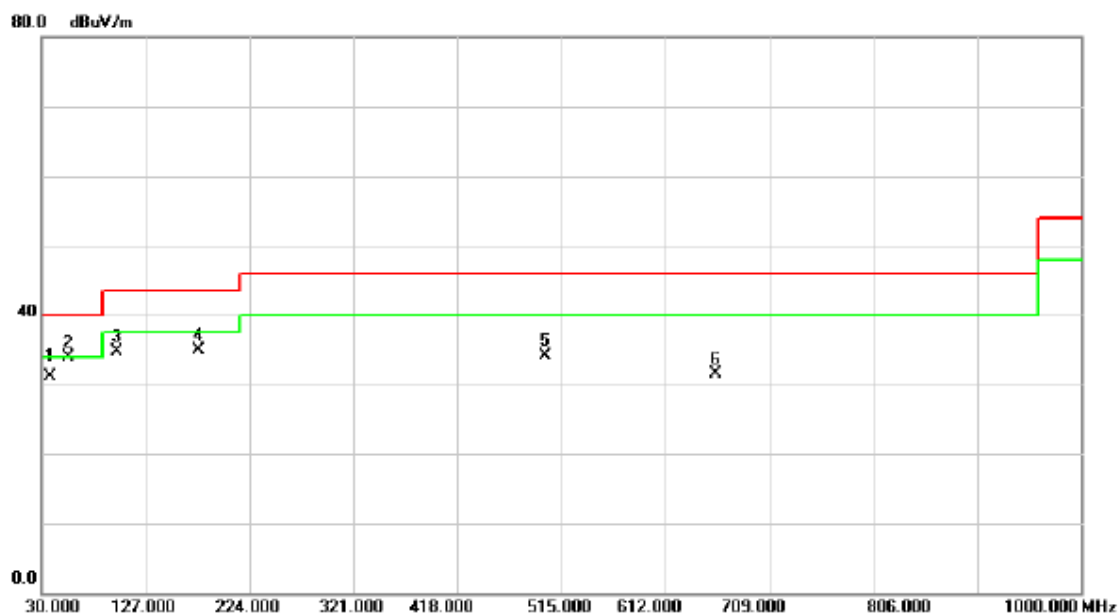
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	37.7600	45.04	-12.96	32.08	40.00	-7.92	QP	
2		102.7500	49.80	-14.44	35.36	43.50	-8.14	peak	
3		150.2800	45.20	-11.62	33.58	43.50	-9.92	QP	
4		182.2900	46.73	-11.82	34.91	43.50	-8.59	peak	
5		299.6600	45.21	-9.59	35.62	46.00	-10.38	peak	
6		399.5700	45.24	-7.28	37.96	46.00	-8.04	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



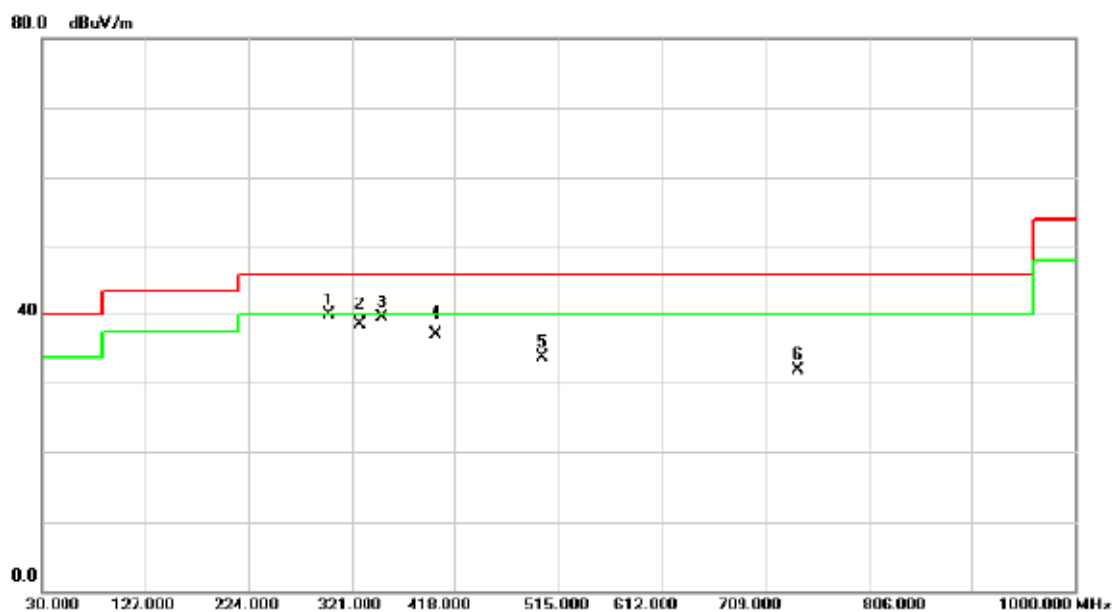
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		150.2800	43.51	-11.62	31.89	43.50	-11.61	peak	
2		299.6600	48.93	-9.59	39.34	46.00	-6.66	peak	
3	*	327.7900	49.36	-9.77	39.59	46.00	-6.41	peak	
4		350.1000	47.29	-9.92	37.37	46.00	-8.63	QP	
5		412.1800	44.12	-6.92	37.20	46.00	-8.80	peak	
6		500.4500	40.34	-7.37	32.97	46.00	-13.03	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



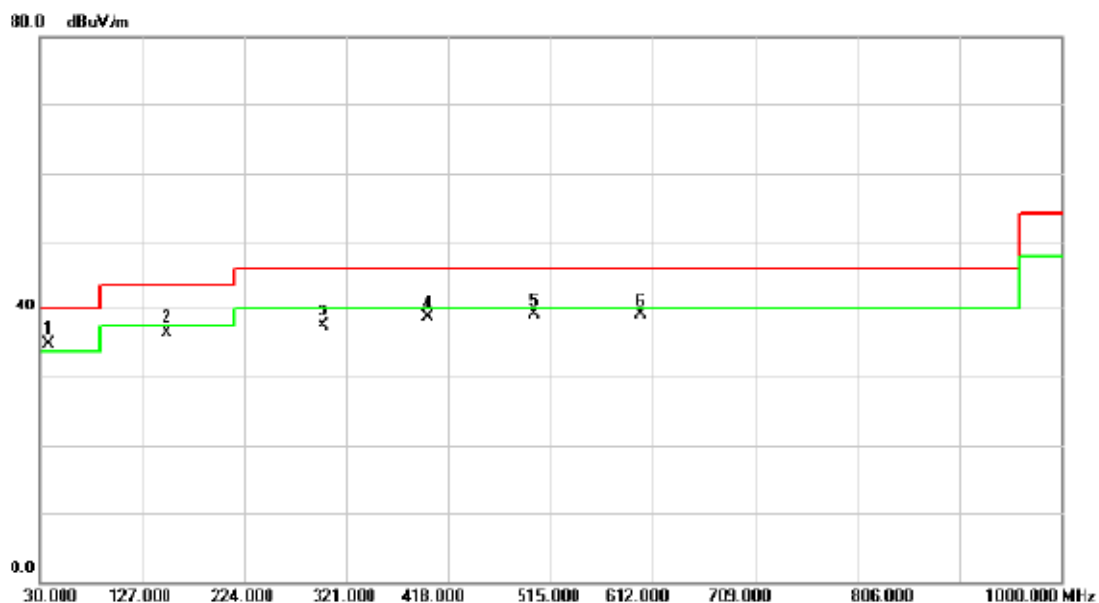
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		37.7600	43.98	-12.96	31.02	40.00	-8.98	QP	
2	*	55.2200	46.75	-12.84	33.91	40.00	-6.09	peak	
3		100.8100	49.26	-14.61	34.65	43.50	-8.85	peak	
4		176.4700	46.23	-11.35	34.88	43.50	-8.62	peak	
5		500.4500	41.47	-7.37	34.10	46.00	-11.90	peak	
6		659.5300	33.19	-1.60	31.59	46.00	-14.41	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



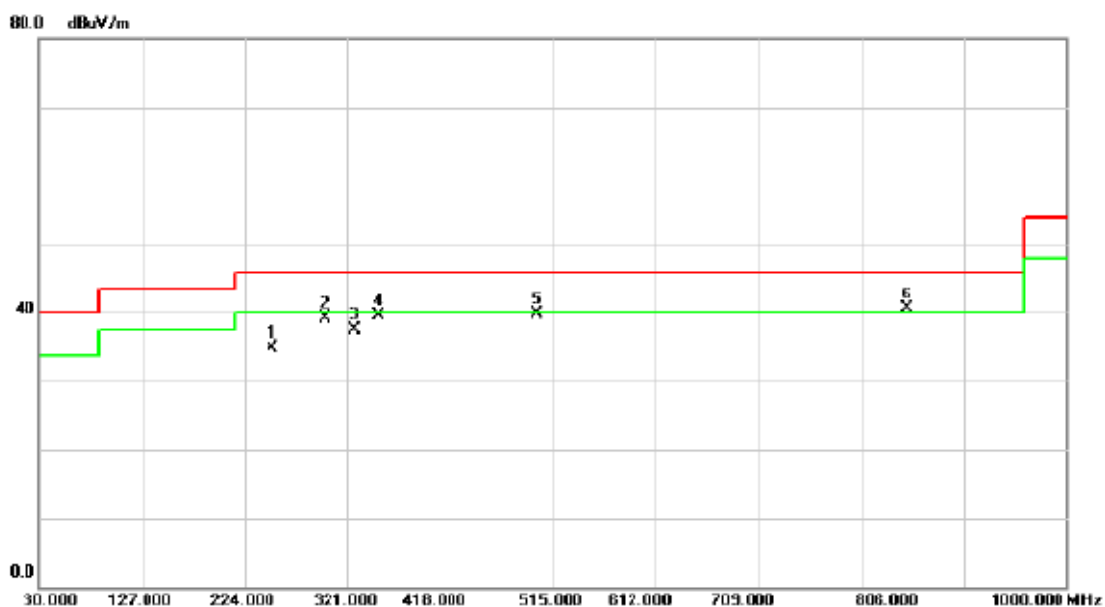
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	299.6600	49.55	-9.59	39.96	46.00	-6.04	peak	
2		327.7900	48.32	-9.77	38.55	46.00	-7.45	QP	
3		350.1000	49.45	-9.92	39.53	46.00	-6.47	peak	
4		399.5700	44.38	-7.28	37.10	46.00	-8.90	QP	
5		500.4500	41.18	-7.37	33.81	46.00	-12.19	peak	
6		739.0700	33.48	-1.43	32.05	46.00	-13.95	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. MHz	Reading Level dEuV	Correct Factor dB	Measure- ment dBuV/m	Limit dEuV/m	Margin dB	Detector	Comment
1	*	37.7600	47.84	-12.96	34.88	40.00	-5.12	peak	
2		150.2800	48.11	-11.62	36.49	43.50	-7.01	peak	
3		299.6600	47.08	-9.59	37.49	40.00	-8.51	peak	
4		399.5700	46.08	-7.28	38.80	46.00	-7.20	peak	
5		500.4500	46.55	-7.37	39.18	46.00	-6.82	peak	
6		600.3600	43.67	-4.62	39.05	46.00	-6.95	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



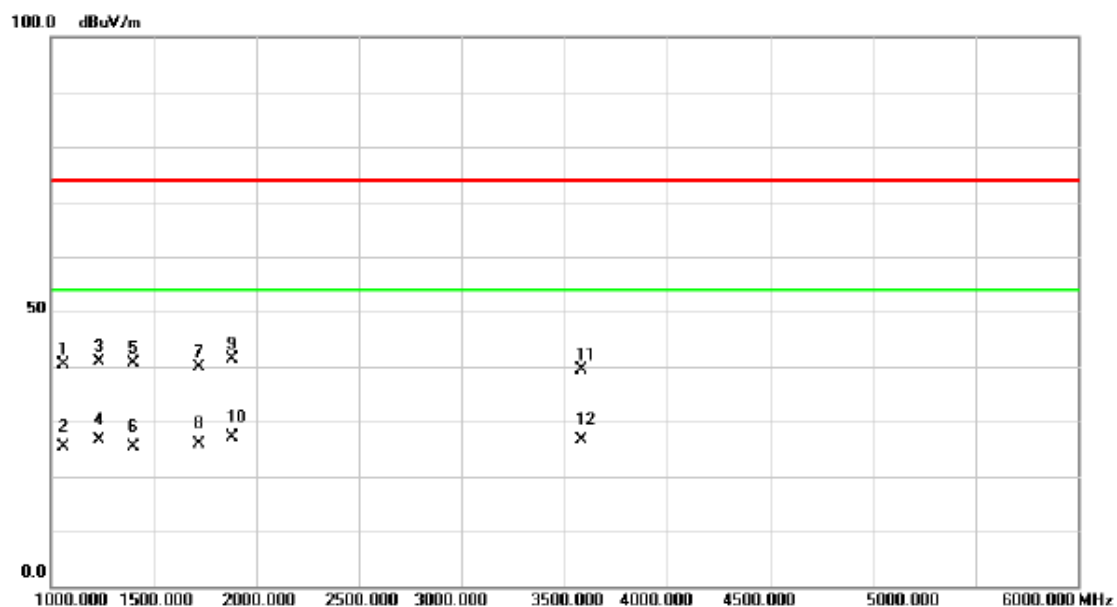
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		250.1900	47.51	-12.67	34.84	46.00	-11.16	peak	
2		299.6600	48.63	-9.59	39.04	46.00	-6.96	peak	
3		327.7900	47.31	-9.77	37.54	46.00	-8.46	peak	
4		350.1000	49.41	-9.92	39.49	46.00	-6.51	peak	
5		500.4500	47.07	-7.37	39.70	46.00	-6.30	peak	
6	*	849.6500	40.41	0.12	40.53	46.00	-5.47	peak	

4.2.9 TEST RESULTS-ABOVE 1000MHZ

Remark:

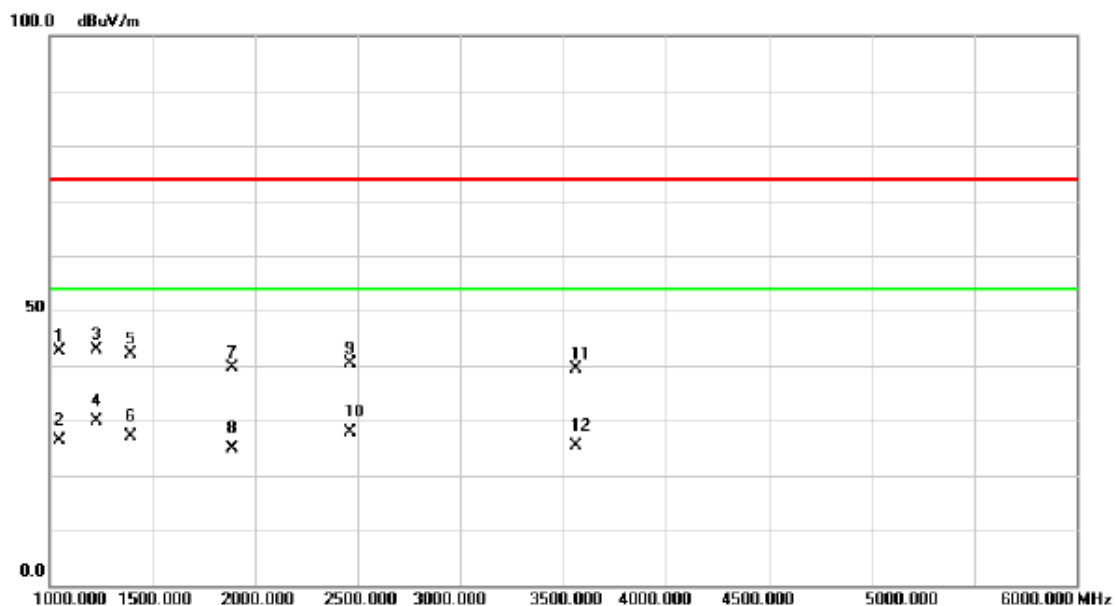
- (1) Reading in which marked as Peak or AVG means measurements by using are Peak Mode or AVG with Detector BW=1MHz ; SPA setting in RBW=1MHz, VBW =1MHz, Swp. Time = 0.3 sec./MHz, AVG Mode with detector BW=1MHz ; SPA setting in RBW=1MHz, VBW =10Hz, Swp. Time = 0.3 sec./MHz.
- (2) All readings are Peak 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 5GHz.
- (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 120/60Hz
Test Mode :	Handfree	Polarization:	Vertical



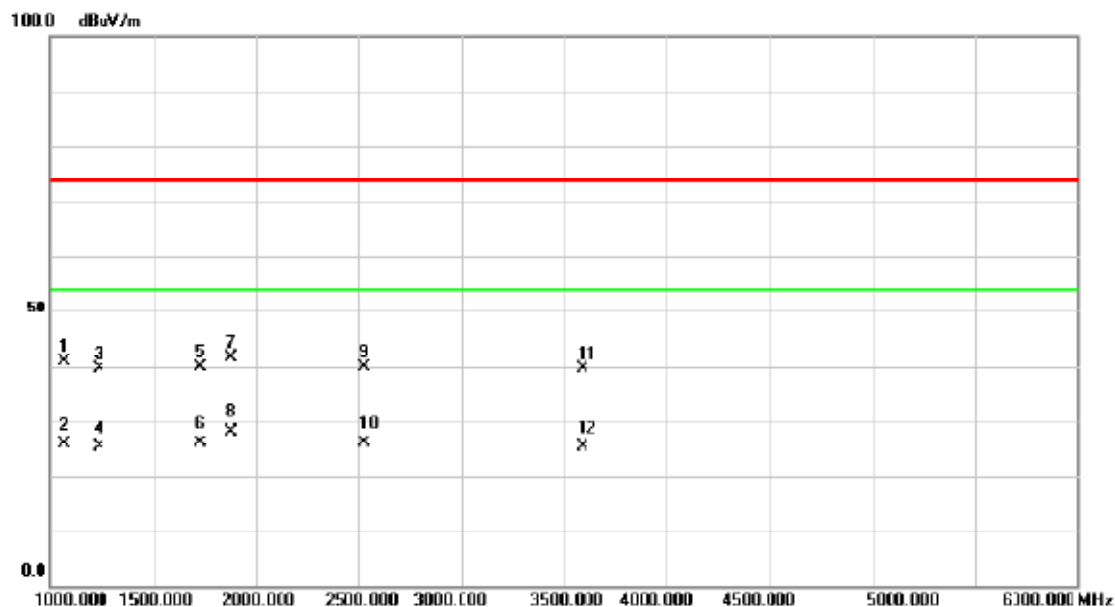
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1065.000	46.16	-5.83	40.33	74.00	-33.67	peak	
2		1065.000	31.20	-5.83	25.37	54.00	-28.63	AVG	
3		1235.000	46.24	-5.41	40.83	74.00	-33.17	peak	
4		1235.000	32.10	-5.41	26.69	54.00	-27.31	AVG	
5		1400.000	45.55	-5.01	40.54	74.00	-33.46	peak	
6		1400.000	30.50	-5.01	25.49	54.00	-28.51	AVG	
7		1725.000	42.76	-2.83	39.93	74.00	-34.07	peak	
8		1725.000	28.70	-2.83	25.87	54.00	-28.13	AVG	
9		1885.000	42.74	-1.45	41.29	74.00	-32.71	peak	
10	*	1885.000	28.50	-1.45	27.05	54.00	-26.95	AVG	
11		3585.000	35.88	3.53	39.41	74.00	-34.59	peak	
12		3585.000	23.20	3.53	26.73	54.00	-27.27	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handfree	Polarization:	Horizontal



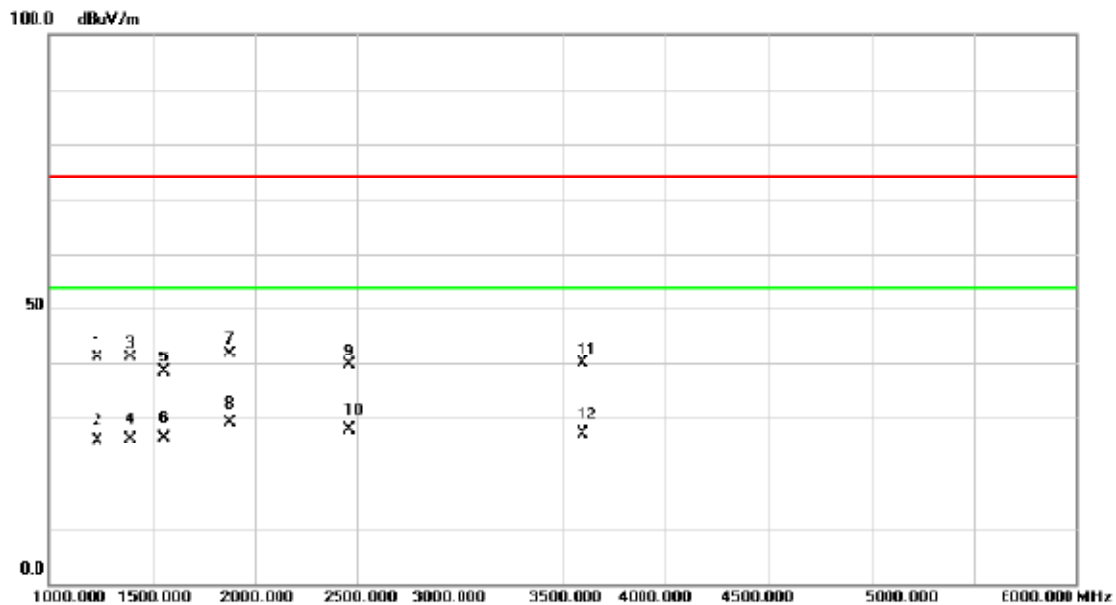
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1050.000	48.54	-5.86	42.68	74.00	-31.32	peak	
2		1050.000	32.30	-5.86	26.44	54.00	-27.56	AVG	
3		1230.000	48.35	-5.42	42.93	74.00	-31.07	peak	
4	*	1230.000	35.20	-5.42	29.78	54.00	-24.22	AVG	
5		1395.000	47.05	-5.02	42.03	74.00	-31.97	peak	
6		1395.000	32.10	-5.02	27.08	54.00	-26.92	AVG	
7		1890.000	41.12	-1.40	39.72	74.00	-34.28	peak	
8		1890.000	26.40	-1.40	25.00	54.00	-29.00	AVG	
9		2460.000	38.23	2.06	40.29	74.00	-33.71	peak	
10		2460.000	25.70	2.06	27.76	54.00	-26.24	AVG	
11		3560.000	35.92	3.44	39.36	74.00	-34.64	peak	
12		3560.000	21.90	3.44	25.34	54.00	-28.66	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Polarization:	Vertical



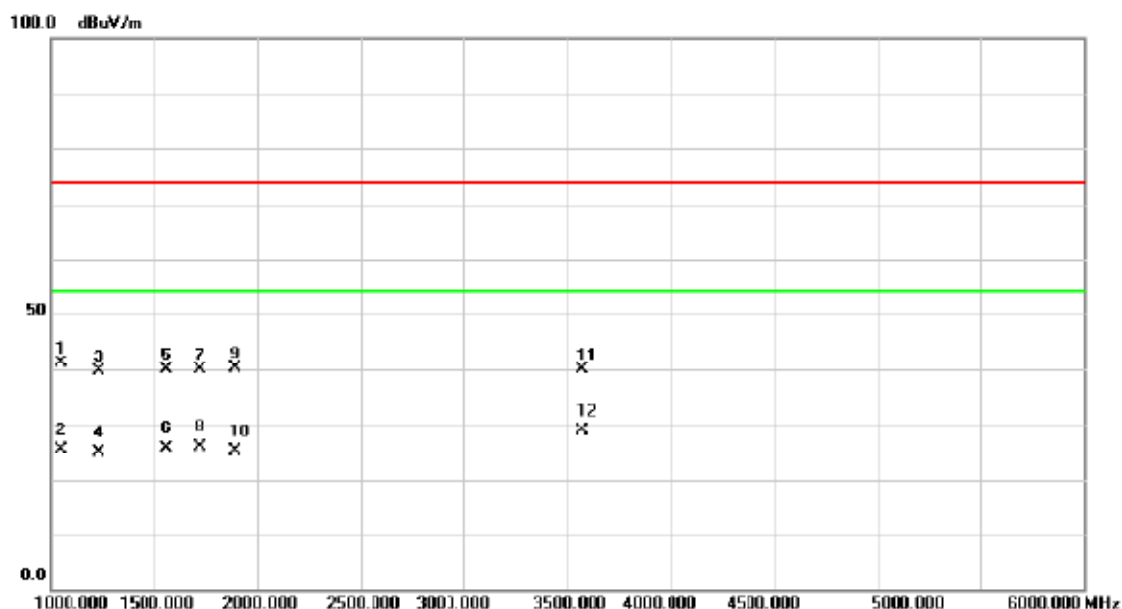
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1070.000	46.66	-5.82	40.84	74.00	-33.16	peak	
2		1070.000	31.50	-5.82	25.68	54.00	-28.32	AVG	
3		1235.000	45.04	-5.41	39.63	74.00	-34.37	peak	
4		1235.000	30.50	-5.41	25.09	54.00	-28.91	AVG	
5		1730.000	42.59	-2.78	39.81	74.00	-34.19	peak	
6		1730.000	28.70	-2.78	25.92	54.00	-28.08	AVG	
7		1885.000	43.03	-1.45	41.58	74.00	-32.42	peak	
8	*	1885.000	29.50	-1.45	28.05	54.00	-25.95	AVG	
9		2530.000	37.67	2.15	39.82	74.00	-34.18	peak	
10		2530.000	23.70	2.15	25.85	54.00	-28.15	AVG	
11		3590.000	36.12	3.55	39.67	74.00	-34.33	peak	
12		3590.000	21.70	3.55	25.25	54.00	-28.75	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Handset	Polarization:	Horizontal



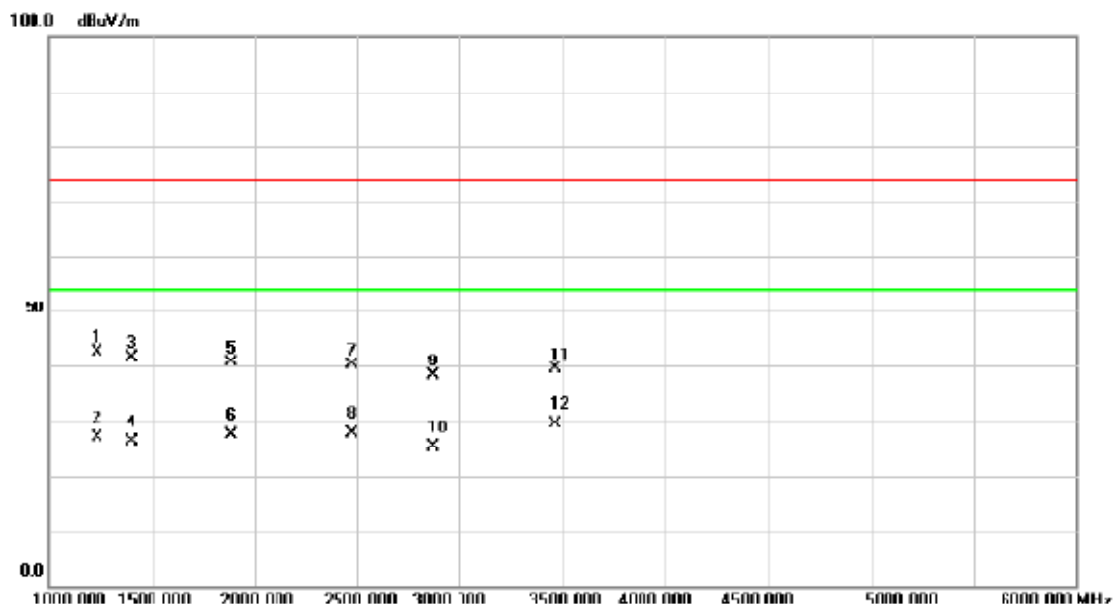
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1235.000	46.48	-5.41	41.07	74.00	-32.93	peak	
2		1235.000	31.40	-5.41	25.99	54.00	-28.01	AVG	
3		1395.000	46.09	-5.02	41.07	74.00	-32.93	peak	
4		1395.000	31.20	-5.02	26.18	54.00	-27.82	AVG	
5		1560.000	42.71	-4.24	38.47	74.00	-35.53	peak	
6		1560.000	30.50	-4.24	26.26	54.00	-27.74	AVG	
7		1885.000	43.42	-1.45	41.97	74.00	-32.03	peak	
8		1885.000	30.50	-1.45	29.05	54.00	-24.95	AVG	
9		2460.000	37.67	2.06	39.73	74.00	-34.27	peak	
10		2460.000	25.90	2.06	27.96	54.00	-26.04	AVG	
11		3595.000	36.23	3.57	39.80	74.00	-34.20	peak	
12		3595.000	23.60	3.57	27.17	54.00	-26.83	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Polarization:	Vertical



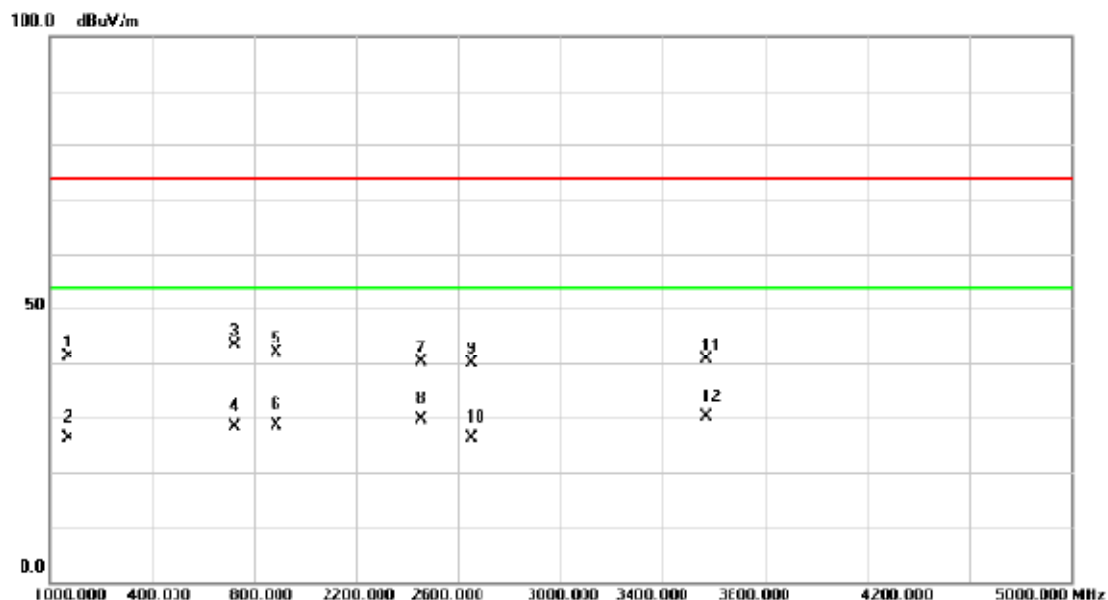
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1050.000	46.91	-5.86	41.05	74.00	-32.95	peak	
2		1050.000	31.30	-5.06	25.44	54.00	-20.56	AVG	
3		1235.000	45.16	-5.41	39.75	74.00	-34.25	peak	
4		1235.000	30.30	-5.41	24.89	54.00	-29.11	AVG	
5		1560.000	44.13	-4.24	39.89	74.00	-34.11	peak	
6		1560.000	29.90	-4.24	25.66	54.00	-28.34	AVG	
7		1725.000	42.75	-2.83	39.92	74.00	-34.08	peak	
8		1725.000	28.60	-2.83	25.77	54.00	-28.23	AVG	
9		1895.000	41.41	-1.37	40.04	74.00	-33.96	peak	
10		1895.000	26.40	-1.37	25.03	54.00	-28.97	AVG	
11		3570.000	36.34	3.40	39.02	74.00	-34.10	peak	
12	*	3570.000	25.40	3.48	28.88	54.00	-25.12	AVG	

E.U.T :	IP Phone	Model Name :	X5G
Temperature :	28° C	Relative Humidity :	56 %
Pressure :	1006 hPa	Test Voltage :	AC 120/60Hz
Test Mode :	Headphone	Polarization:	Horizontal



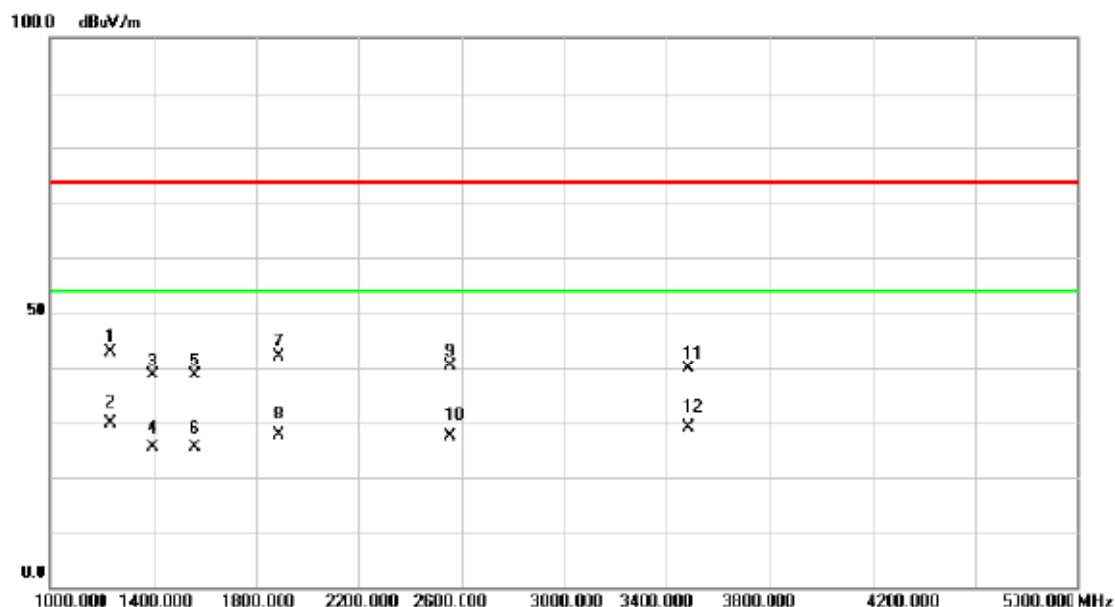
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1235.000	47.97	-5.41	42.56	74.00	-31.44	peak	
2		1235.000	32.10	-5.11	26.99	54.00	-27.01	AVG	
3		1400.000	46.59	-5.01	41.58	74.00	-32.42	peak	
4		1400.000	31.20	-5.01	26.19	54.00	-27.81	AVG	
5		1890.000	42.05	-1.40	40.65	74.00	-33.35	peak	
6		1890.000	28.90	-1.40	27.50	54.00	-26.50	AVG	
7		2475.000	37.97	2.15	40.12	74.00	-33.88	peak	
8		2475.000	25.60	2.15	27.75	54.00	-26.25	AVG	
9		2870.000	37.53	0.63	38.16	74.00	-35.84	peak	
10		2870.000	24.50	0.63	25.13	54.00	-28.87	AVG	
11		3465.000	36.30	2.99	39.29	74.00	-34.71	peak	
12	*	3465.000	26.30	2.99	29.29	54.00	-24.71	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



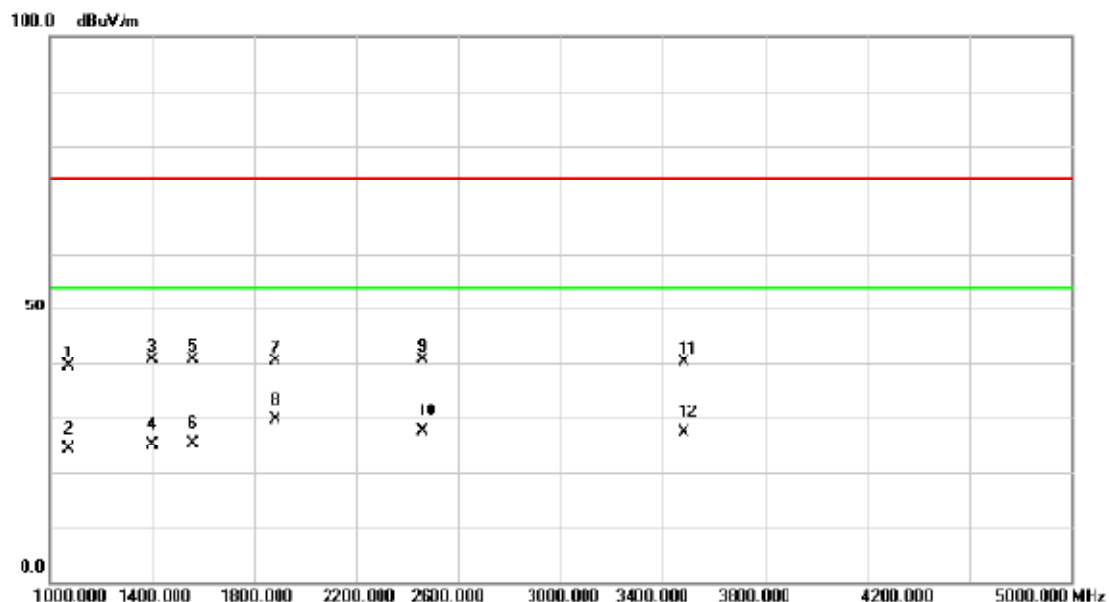
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1072.000	47.04	-5.01	41.23	74.00	-32.77	peak	
2	1072.000	32.20	-5.81	26.39	54.00	-27.61	AVG	
3	1728.000	46.25	-2.80	43.45	74.00	-30.55	peak	
4	1728.000	31.20	-2.80	28.40	54.00	-25.60	AVG	
5	1888.000	43.27	-1.43	41.84	74.00	-32.16	peak	
6	1000.000	30.10	-1.43	20.67	54.00	-25.33	AVG	
7	2452.000	38.07	2.02	40.09	74.00	-33.91	peak	
8	2452.000	27.60	2.02	29.62	54.00	-24.38	AVG	
9	2652.000	38.17	1.60	39.77	74.00	-34.23	peak	
10	2652.000	24.90	1.60	26.50	54.00	-27.50	AVG	
11	3572.000	37.07	3.48	40.55	74.00	33.45	peak	
12 *	3572.000	26.70	3.48	30.18	54.00	-23.82	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



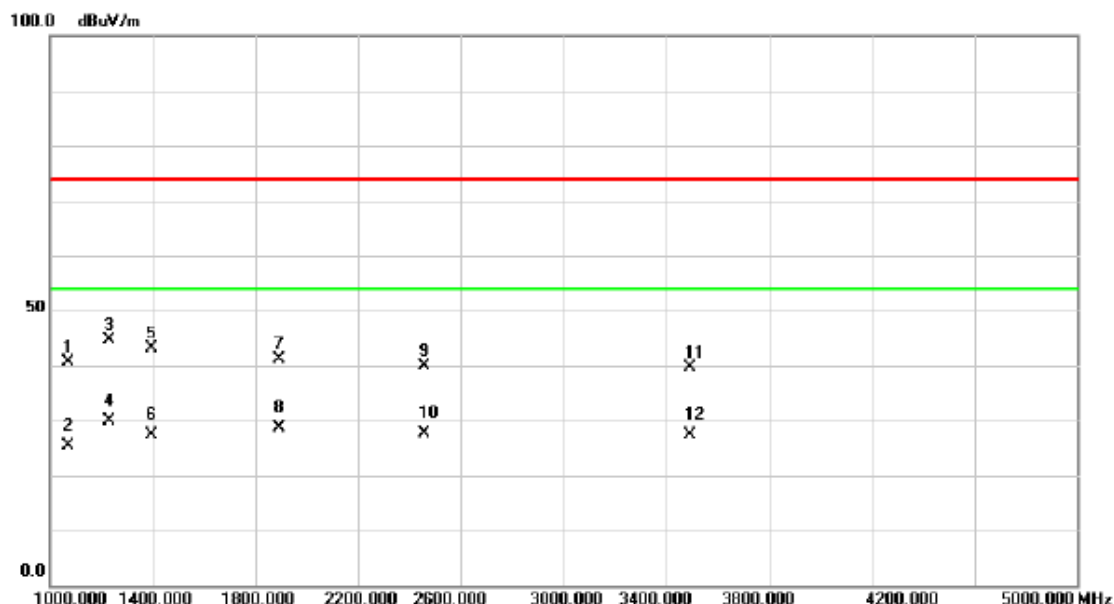
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1236.000	48.20	-5.41	42.79	74.00	-31.21	peak	
2 *	1236.000	35.20	-5.41	29.79	54.00	-24.21	AVG	
3	1396.000	43.53	-5.01	38.52	74.00	-35.48	peak	
4	1396.000	30.40	-5.01	25.39	54.00	-28.61	AVG	
5	1560.000	42.77	-4.24	38.53	74.00	-35.47	peak	
6	1560.000	29.50	-4.24	25.26	54.00	-28.74	AVG	
7	1888.000	43.45	-1.43	42.02	74.00	-31.98	peak	
8	1888.000	29.20	-1.43	27.77	54.00	-26.23	AVG	
9	2556.000	38.34	2.03	40.37	74.00	33.63	peak	
10	2556.000	25.70	2.03	27.73	54.00	-26.27	AVG	
11	3484.000	36.84	3.11	39.95	74.00	-34.05	peak	
12	3484.000	26.10	3.11	29.21	54.00	-24.79	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. MHz	Reading Level dEuV	Correct Factor dB	Measurement dBuV/m	Limit dEuV/m	Margin dB	Detector	Comment
1	1072.000	45.25	-5.81	39.44	74.00	-34.56	peak	
2	1072.000	30.10	-5.81	24.29	54.00	-29.71	AVG	
3	1400.000	45.74	-5.01	40.73	74.00	-33.27	peak	
4	1400.000	30.20	-5.01	25.19	54.00	-28.81	AVG	
5	1564.000	44.76	-4.21	40.55	74.00	-33.45	peak	
6	1564.000	29.70	-4.21	25.49	54.00	-28.51	AVG	
7	1884.000	41.88	-1.46	40.42	74.00	-33.58	peak	
8 *	1004.000	31.20	-1.46	29.74	54.00	-24.26	AVG	
9	2460.000	38.59	2.06	40.65	74.00	-33.35	peak	
10	2460.000	25.60	2.06	27.66	54.00	-26.34	AVG	
11	3480.000	36.96	3.09	40.05	74.00	-33.95	peak	
12	3480.000	24.30	3.09	27.39	54.00	-26.61	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



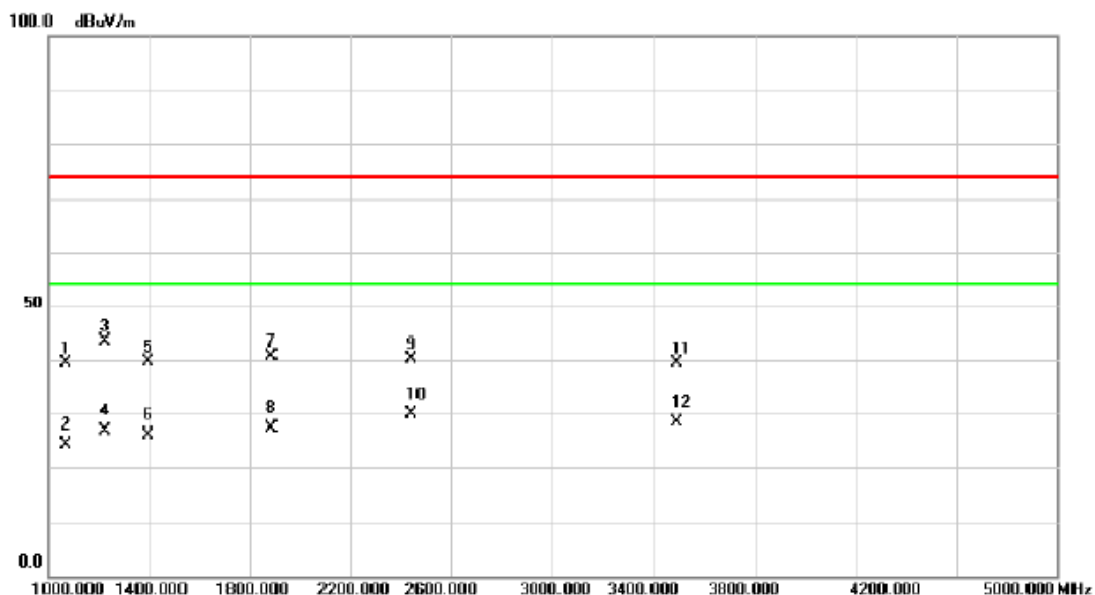
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1072.000	46.55	-5.81	40.74	74.00	-33.26	peak	
2		1072.000	31.20	-5.81	25.39	54.00	-28.61	AVG	
3		1232.000	50.05	-5.42	44.63	74.00	-29.37	peak	
4	*	1232.000	35.40	-5.42	29.98	54.00	-24.02	AVG	
5		1396.000	48.12	-5.01	43.11	74.00	-30.89	peak	
6		1396.000	32.50	-5.01	27.49	54.00	-26.51	AVG	
7		1892.000	42.58	-1.39	41.19	74.00	-32.81	peak	
8		1892.000	30.10	-1.39	28.71	54.00	-25.29	AVG	
9		2460.000	37.94	2.06	40.00	74.00	-34.00	peak	
10		2460.000	25.47	2.06	27.53	54.00	-26.47	AVG	
11		3492.000	36.47	3.16	39.63	74.00	-34.37	peak	
12		3492.000	24.30	3.16	27.46	54.00	-26.54	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. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1072.000	45.50	-5.81	39.69	74.00	-34.31	peak	
2	1072.000	30.10	-5.81	24.29	54.00	-29.71	AVG	
3	1396.000	44.67	-5.01	39.66	74.00	-34.34	peak	
4	1396.000	29.70	-5.01	24.69	54.00	-29.31	AVG	
5	1724.000	43.52	-2.84	40.68	74.00	-33.32	peak	
6	1724.000	27.60	-2.84	24.76	54.00	-29.24	AVG	
7	1884.000	41.54	-1.46	40.08	74.00	-33.92	peak	
8	1884.000	25.70	-1.46	24.24	54.00	-29.76	AVG	
9	2472.000	38.60	2.13	40.73	74.00	-33.27	peak	
10	2472.000	24.30	2.13	26.43	54.00	-27.57	AVG	
11	3564.000	36.66	3.46	40.12	74.00	-33.88	peak	
12 *	3564.000	23.60	3.46	27.06	54.00	-26.94	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. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1072.000	45.10	-5.81	39.29	74.00	-34.71	peak	
2		1072.000	30.20	-5.81	24.39	54.00	-29.61	AVG	
3		1228.000	48.93	-5.43	43.50	74.00	-30.50	peak	
4		1228.000	32.40	-5.43	26.97	54.00	-27.03	AVG	
5		1396.000	44.55	-5.01	39.54	74.00	-34.46	peak	
6		1396.000	31.20	-5.01	26.19	54.00	-27.81	AVG	
7		1888.000	42.17	-1.43	40.74	74.00	-33.26	peak	
8		1888.000	28.90	-1.43	27.47	54.00	-26.53	AVG	
9		2444.000	38.20	1.97	40.17	74.00	-33.83	peak	
10	*	2444.000	27.90	1.97	29.87	54.00	-24.13	AVG	
11		3492.000	36.28	3.16	39.44	74.00	-34.56	peak	
12		3492.000	25.10	3.16	28.26	54.00	-25.74	AVG	