

FCC RF Test Report

(WPT)

Applicant: INFINIX MOBILITY LIMITED

Address of Applicant: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE
19-25 SHAN MEI STREET FOTAN NT HONGKONG

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: X6710

Trade Mark: Infinix

FCC ID: 2AIZN-X6710

Applicable Standards: FCC CFR Title 47 Part 15C (§15.209)

Date of Sample Receipt: 28 Dec., 2022

Date of Test: 29 Dec., 2022 to 13 Mar., 2023

Date of Report Issue: 14 Mar., 2023

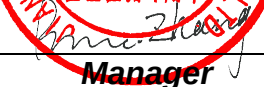
Test Result: PASS

Tested by:
Test Engineer**Date:**

14 Mar., 2023

Reviewed by:
Project Engineer**Date:**

14 Mar., 2023

Approved by:
Manager**Date:**

14 Mar., 2023

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

1 Version

Version No.	Date	Description
00	14 Mar., 2023	Original

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3 General Information

3.1 Client Information

Applicant:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Factory:	SHENZHEN TECNO TECHNOLOGY CO., LTD.
Address:	101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China

3.2 General Description of E.U.T.

Product Name:	Mobile Phone
Model No.:	X6710
Operation Frequency:	112.45kHz
Modulation Type:	ASK
Antenna Type:	Coil Antenna
Power Supply:	Rechargeable Li-ion Polymer Battery DC3.87V, 4900mAh
Power supply (Wireless Charger):	Output: Wireless: 5W
AC Adapter:	Model:U680XSA Input: AC100-240V, 50/60Hz, 2.0A Output: DC 5.0V, 2.0A or 11.0V, 6.2A or 4.0-21.0V, 3.25A 68.0W MAX
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in transmitting mode with modulation
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar

3.4 Description of Test Auxiliary Equipment

Manufacturer	Description	Model	S/N	FCC ID/DoC
Skytek	Wireless charging match load	N/A	N/A	N/A
Shenzhen HengChangshengding Electronics Co., Ltd.	Adapter	HCSD-12650100	N/A	N/A
HiDANCE ATORCH	Wireless charging Adapter	N/A	N/A	N/A

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Conducted Emission for LISN (9kHz ~ 10MHz)	1.9 dB
Conducted Emission for LISN (10MHz ~ 30MHz)	2.6 dB
Radiated Emission (9kHz ~ 30MHz) (3m SAC)	3.2 dB
Radiated Emission (30MHz ~ 1GHz) (3m SAC)	3.8 dB
Radiated Emission (1GHz ~ 18GHz) (3m SAC)	3.6 dB

Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

3.6 Additions to, Deviations, or Exclusions From the Method

No

3.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2024
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	03-07-2022	03-06-2023
				02-09-2023	02-08-2024
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	03-08-2022	03-07-2023
				02-09-2023	02-08-2024
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	01-20-2022	01-19-2023
				01-10-2023	01-09-2024
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	03-05-2022	03-04-2023
				01-10-2023	01-09-2024
Coaxial Cable (9kHz ~ 30MHz)	JYT	JYT3M-1G-BB-5M	WXG001-6	01-20-2022	01-19-2023
				01-18-2023	01-17-2024
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-20-2022	01-19-2023
				01-18-2023	01-17-2024
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		
EMI Test Software	AUDIX	E3	Version: 6.110919b		

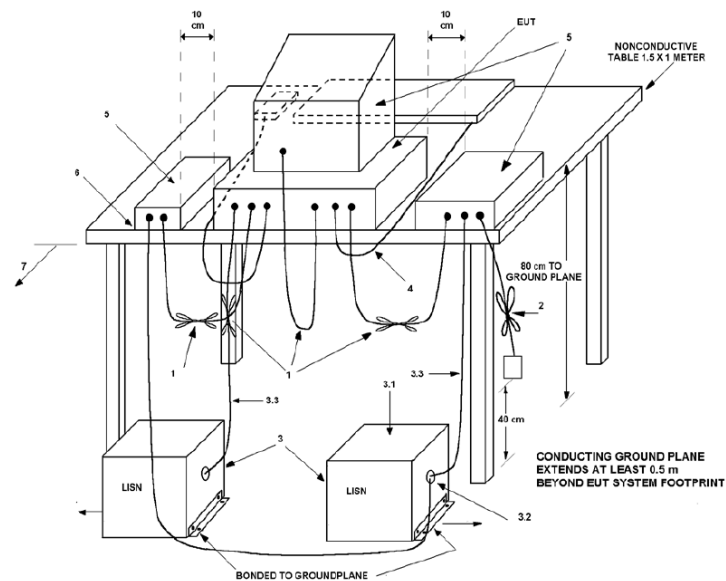
Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESR3	WXJ003-2	07-12-2022	07-11-2023
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	02-24-2022	02-23-2023
				01-10-2023	01-09-2024
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	03-30-2022	03-29-2023
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	02-24-2022	02-23-2023
				02-22-2023	02-21-2024
RF Switch	TOP PRECISION	RSU0301	WXG003	N/A	
Test Software	AUDIX	E3	Version: 6.110919b		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI 3	WXJ003	01-19-2022	01-18-2023
				01-10-2023	01-09-2024

4 Measurement Setup and Procedure

4.1 Test Setup

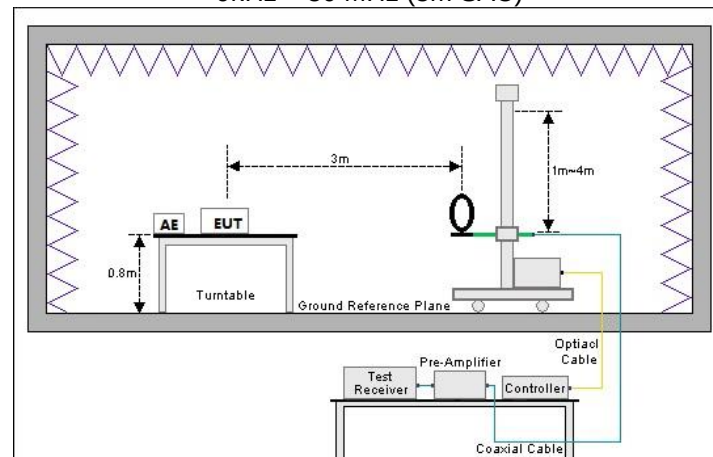
1) Conducted emission measurement:



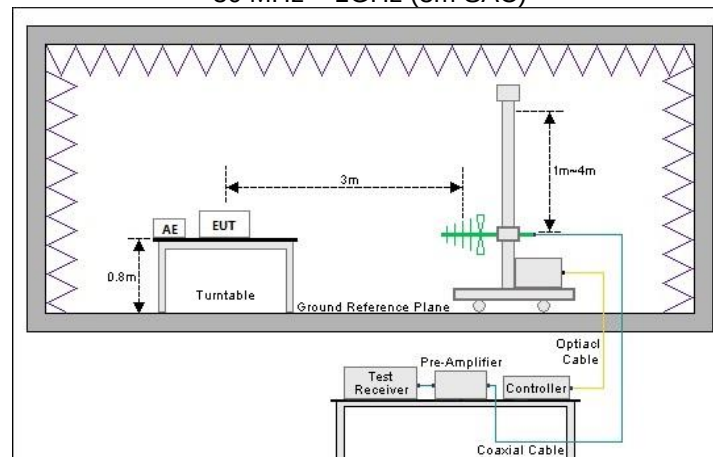
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

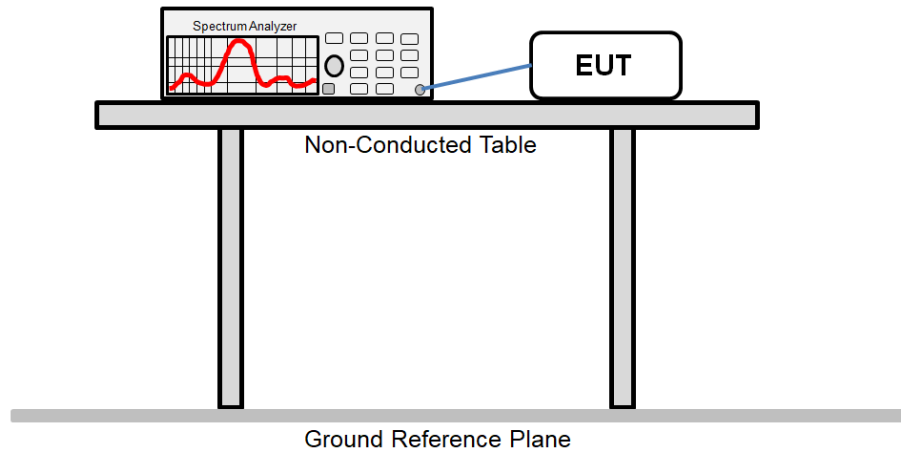
9kHz ~ 30 MHz (3m SAC)



30 MHz ~ 1GHz (3m SAC)



Conducted test method:



4.2 Test Procedure

Test method	Test step
Conducted emission	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
Radiated emission	1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The antenna port of EUT was connected to the RF port of the spectrum analyzer through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. The test data is saved by the screenshot function of the spectrum analyzer.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test data	Result
Antenna Requirement	15.203	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	See Section 5.3	Pass
20dB Bandwidth	15.215(c)	See Section 5.4	Pass
Field Strength of Fundamental	15.209	See Section 5.5	Pass
Field Strength of Spurious Emissions	15.209	See Section 5.6	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable.			
Test Method:	ANSI C63.4-2014 ANSI C63.10-2013		

5.1.2 Test Limit

Test items	Limit																											
AC Power Line Conducted Emission	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>66 to 56 Note 1</td><td>56 to 46 Note 1</td></tr><tr><td>0.5 – 5</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>60</td><td>50</td></tr><tr><td colspan="3">Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency.</td></tr><tr><td colspan="3">Note 2: The more stringent limit applies at transition frequencies.</td></tr></table>	Frequency (MHz)	Limit (dBμV)		Quasi-Peak	Average	0.15 – 0.5	66 to 56 Note 1	56 to 46 Note 1	0.5 – 5	56	46	5 – 30	60	50	Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency.			Note 2: The more stringent limit applies at transition frequencies.									
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Note 2: The more stringent limit applies at transition frequencies.																												
20dB Bandwidth	N/A																											
Field Strength of Fundamental Field Strength of Spurious Emissions	<table><tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr><tr><td>0.009 – 0.490</td><td>2400/F (kHz)</td><td>300</td></tr><tr><td>0.490 – 1.705</td><td>24000/F (kHz)</td><td>30</td></tr><tr><td>1.705 – 30.0</td><td>30</td><td>30</td></tr><tr><td>30 – 88</td><td>100**</td><td>3</td></tr><tr><td>88 – 216</td><td>150**</td><td>3</td></tr><tr><td>216 – 960</td><td>200**</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr><tr><td colspan="3">** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.</td></tr></table>	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	0.009 – 0.490	2400/F (kHz)	300	0.490 – 1.705	24000/F (kHz)	30	1.705 – 30.0	30	30	30 – 88	100**	3	88 – 216	150**	3	216 – 960	200**	3	Above 960	500	3	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.		
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0.490 – 1.705	24000/F (kHz)	30																										
1.705 – 30.0	30	30																										
30 – 88	100**	3																										
88 – 216	150**	3																										
216 – 960	200**	3																										
Above 960	500	3																										
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.																												

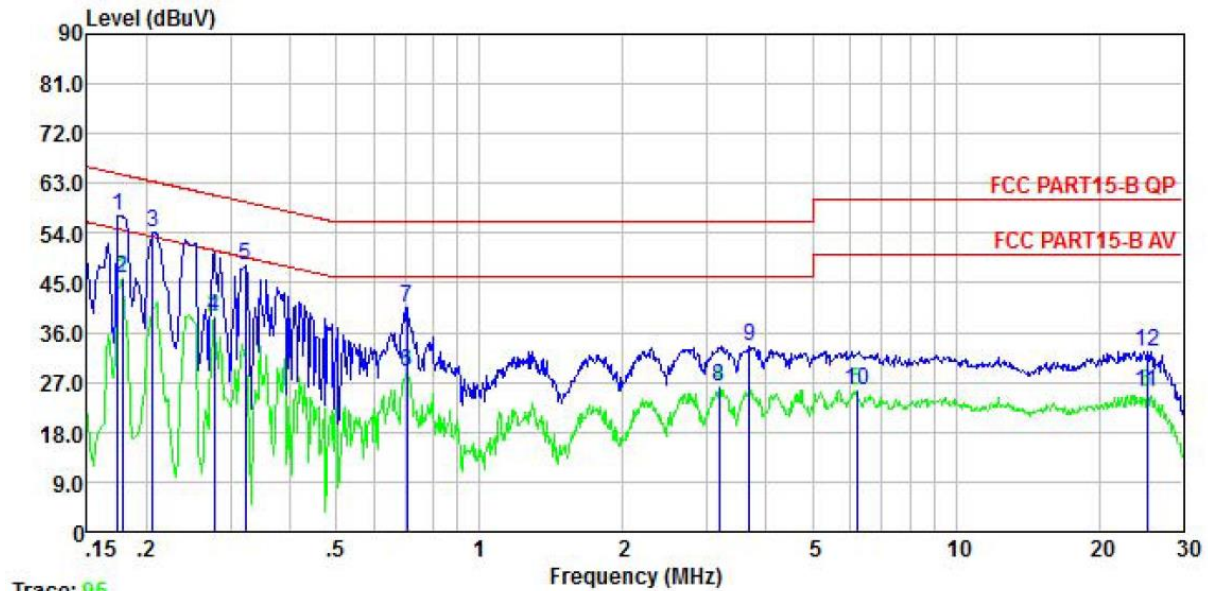
5.2 Antenna Requirement

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement:	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
E.U.T Antenna:	The EUT make use of a coil antenna.

5.3 AC Power Line Conducted Emission

No light effect:

Product name:	Mobile Phone	Product model:	X6710
Test by:	Mike	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		

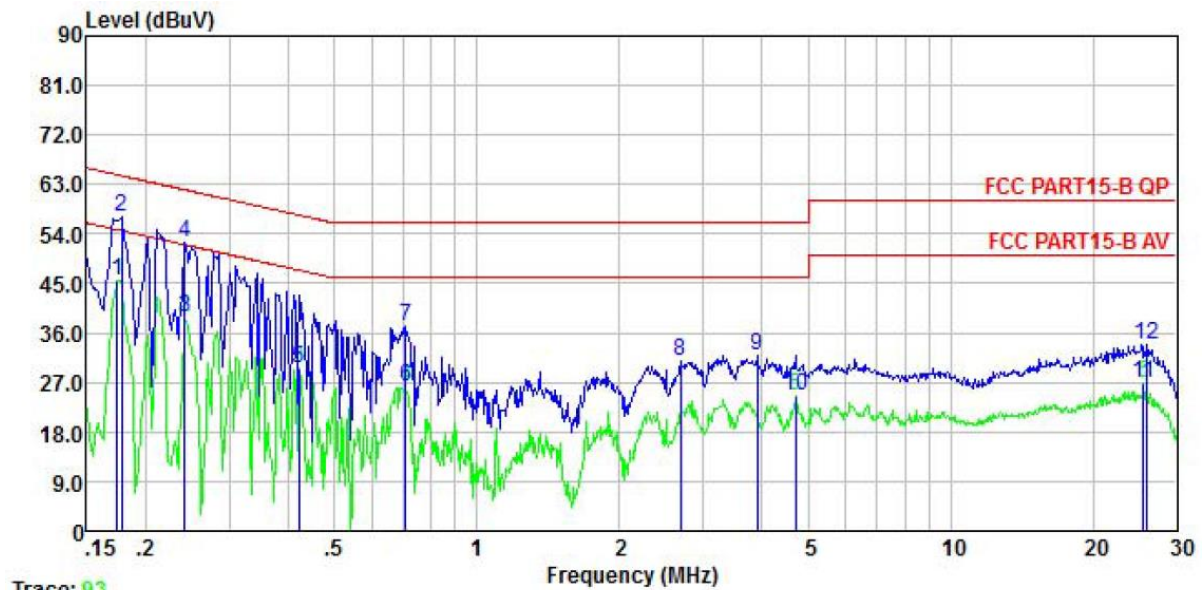


	Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.174	46.69	0.05	10.50	0.01	57.25	64.77	-7.52	QP
2	0.178	35.25	0.05	10.50	0.01	45.81	54.59	-8.78	Average
3	0.206	43.47	0.05	10.50	0.04	54.06	63.36	-9.30	QP
4	0.277	28.26	0.06	10.50	0.02	38.84	50.90	-12.06	Average
5	0.322	37.50	0.06	10.50	0.03	48.09	59.66	-11.57	QP
6	0.705	18.27	0.07	10.50	0.03	28.87	46.00	-17.13	Average
7	0.705	30.05	0.07	10.50	0.03	40.65	56.00	-15.35	QP
8	3.190	15.43	0.09	10.50	0.07	26.09	46.00	-19.91	Average
9	3.681	23.01	0.10	10.50	0.08	33.69	56.00	-22.31	QP
10	6.186	14.97	0.15	10.50	0.09	25.71	50.00	-24.29	Average
11	25.188	14.05	0.38	10.50	0.19	25.12	50.00	-24.88	Average
12	25.188	21.62	0.38	10.50	0.19	32.69	60.00	-27.31	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	Mobile Phone	Product model:	X6710
Test by:	Mike	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



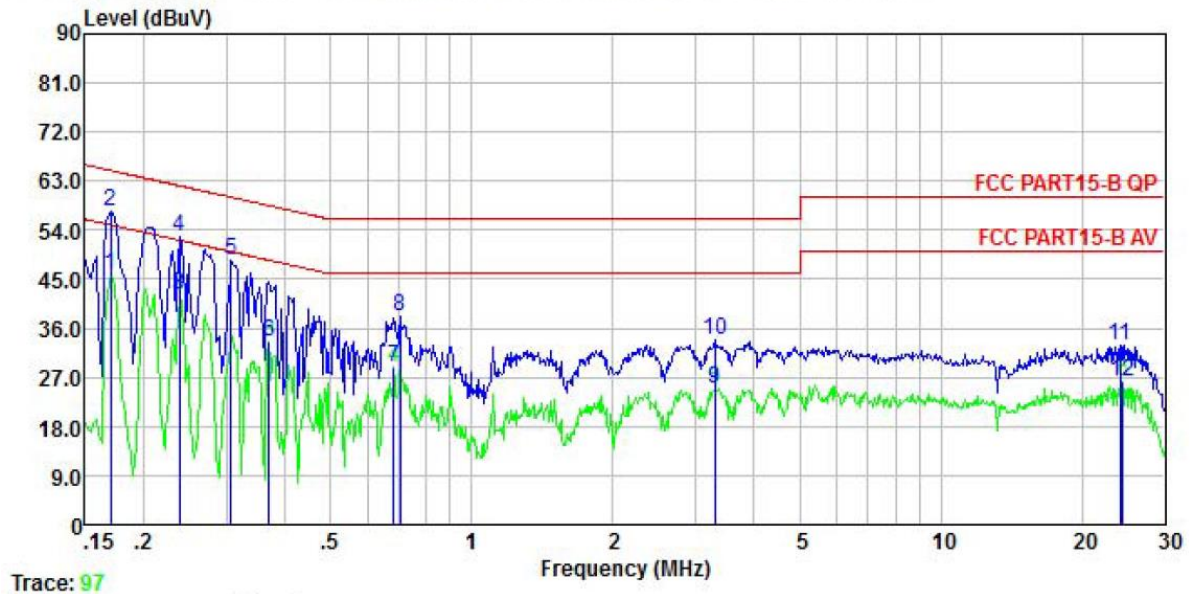
	Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.174	34.99	0.05	10.50	0.01	45.55	54.77	-9.22	Average
2	0.178	46.46	0.05	10.50	0.01	57.02	64.59	-7.57	QP
3	0.242	28.39	0.05	10.50	0.01	38.95	52.04	-13.09	Average
4	0.242	42.02	0.05	10.50	0.01	52.58	62.04	-9.46	QP
5	0.421	18.93	0.04	10.50	0.04	29.51	47.42	-17.91	Average
6	0.708	15.49	0.06	10.50	0.03	26.08	46.00	-19.92	Average
7	0.708	26.59	0.06	10.50	0.03	37.18	56.00	-18.82	QP
8	2.692	20.23	0.08	10.50	0.11	30.92	56.00	-25.08	QP
9	3.901	21.25	0.10	10.50	0.08	31.93	56.00	-24.07	QP
10	4.696	13.81	0.11	10.50	0.09	24.51	46.00	-21.49	Average
11	25.591	15.83	0.41	10.50	0.20	26.94	50.00	-23.06	Average
12	26.001	22.87	0.41	10.50	0.21	33.99	60.00	-26.01	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Orange light effect:

Product name:	Mobile Phone	Product model:	X6710
Test by:	Mike	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		

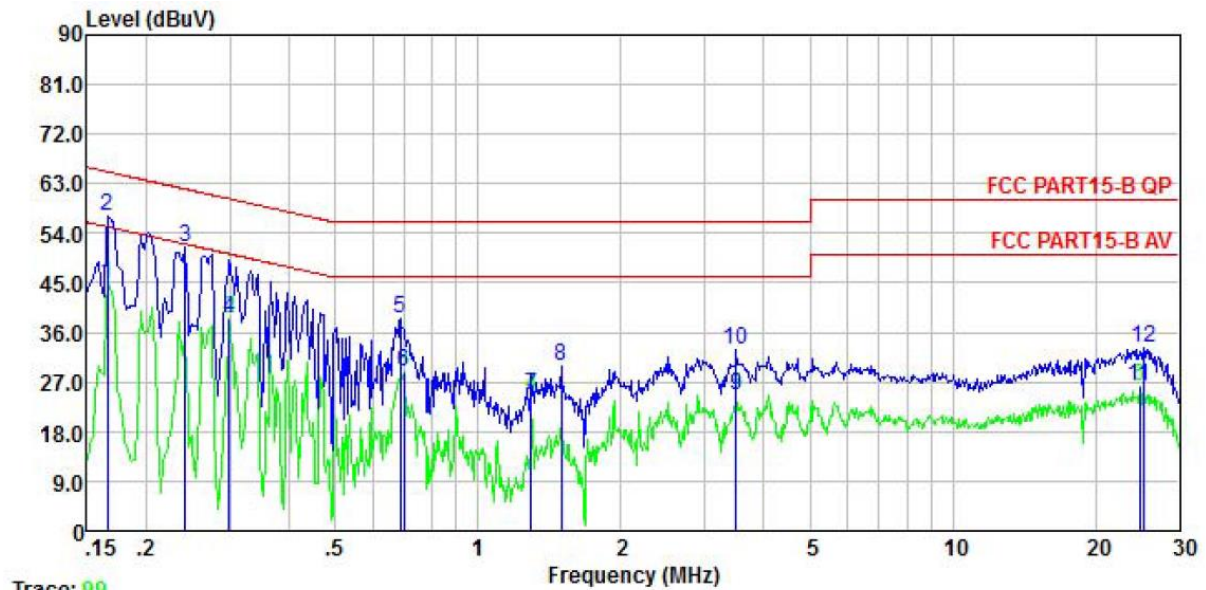


	Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.170	35.37	0.04	10.50	0.01	45.92	54.94	-9.02	Average
2	0.170	46.74	0.04	10.50	0.01	57.29	64.94	-7.65	QP
3	0.238	31.60	0.05	10.50	0.02	42.17	52.17	-10.00	Average
4	0.238	42.34	0.05	10.50	0.02	52.91	62.17	-9.26	QP
5	0.307	37.98	0.06	10.50	0.03	48.57	60.06	-11.49	QP
6	0.369	22.79	0.06	10.50	0.03	33.38	48.52	-15.14	Average
7	0.683	18.19	0.07	10.50	0.03	28.79	46.00	-17.21	Average
8	0.705	27.52	0.07	10.50	0.03	38.12	56.00	-17.88	QP
9	3.293	14.30	0.10	10.50	0.07	24.97	46.00	-21.03	Average
10	3.293	23.18	0.10	10.50	0.07	33.85	56.00	-22.15	QP
11	24.142	21.81	0.37	10.50	0.17	32.85	60.00	-27.15	QP
12	24.400	15.17	0.38	10.50	0.18	26.23	50.00	-23.77	Average

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	Mobile Phone	Product model:	X6710
Test by:	Mike	Test mode:	Charing mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



	Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.166	34.28	0.06	10.50	0.01	44.85	55.16	-10.31	Average
2	0.166	46.50	0.06	10.50	0.01	57.07	65.16	-8.09	QP
3	0.242	40.84	0.05	10.50	0.01	51.40	62.04	-10.64	QP
4	0.299	27.93	0.05	10.50	0.03	38.51	50.28	-11.77	Average
5	0.686	28.08	0.06	10.50	0.03	38.67	56.00	-17.33	QP
6	0.697	18.29	0.06	10.50	0.03	28.88	46.00	-17.12	Average
7	1.296	13.88	0.06	10.50	0.11	24.55	46.00	-21.45	Average
8	1.495	19.13	0.07	10.50	0.14	29.84	56.00	-26.16	QP
9	3.491	14.04	0.10	10.50	0.08	24.72	46.00	-21.28	Average
10	3.491	22.09	0.10	10.50	0.08	32.77	56.00	-23.23	QP
11	24.790	15.06	0.40	10.50	0.19	26.15	50.00	-23.85	Average
12	25.188	22.05	0.40	10.50	0.19	33.14	60.00	-26.86	QP

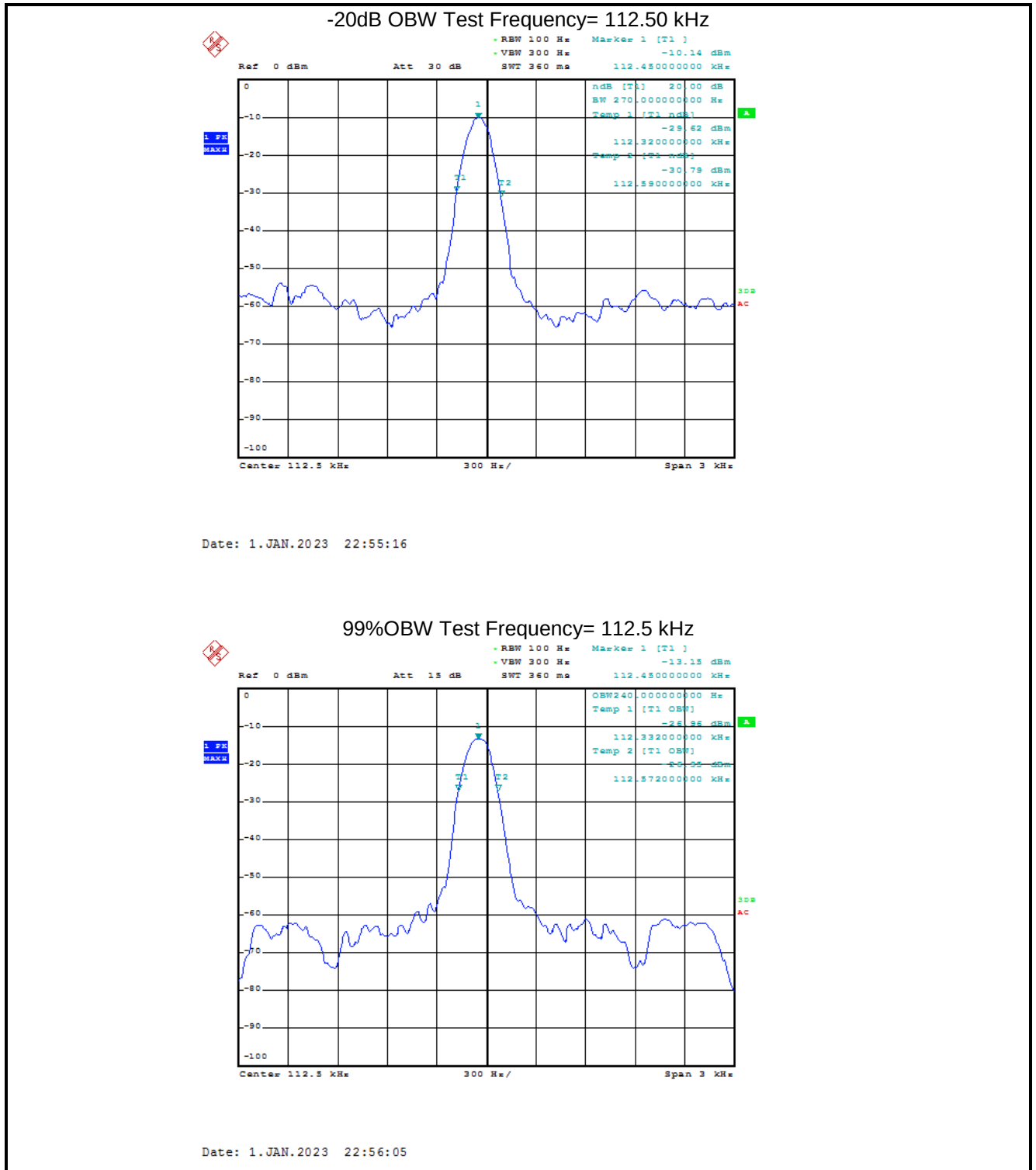
Remark:

1. Level = Read level + LISN Factor + Cable Loss.

5.4 20dB Bandwidth

20dB bandwidth (kHz)	Limits
0.270	N/A
Remark: For report purpose only.	

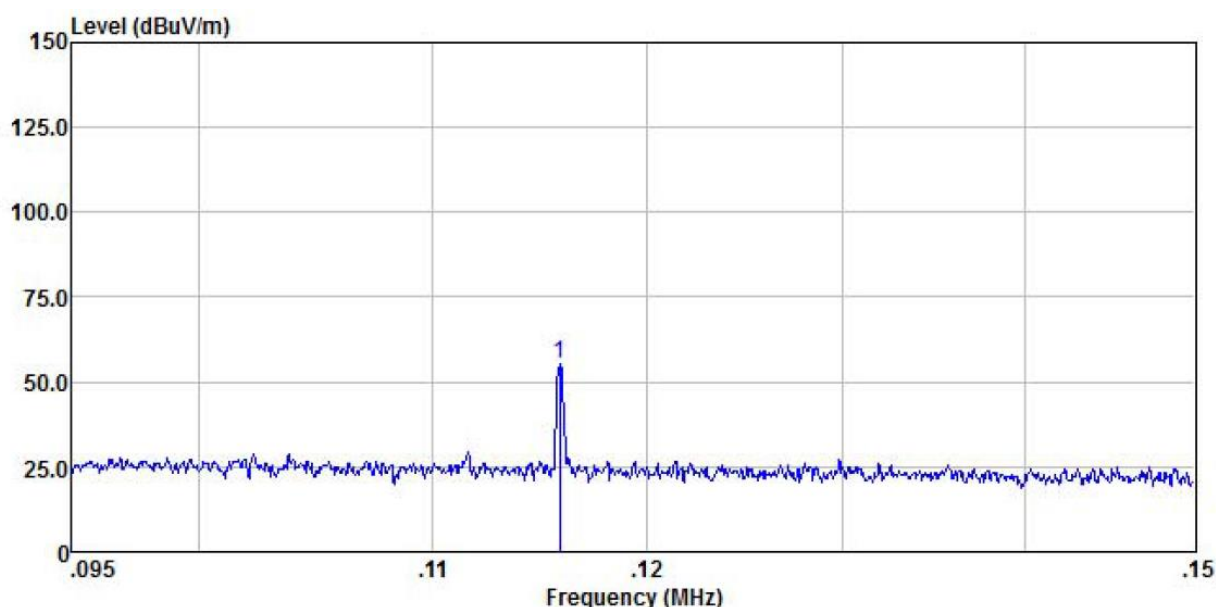
Test plot as follows:



5.5 Field Strength of Fundamental

Peak Value					
Frequency (kHz)	H-field @3m (dBμV)	Limit @3m (dBμV)	Margin (dB)	Polarization	Result
116	55.53	126.32	70.79	Coxial	Pass
116	61.44	126.32	64.88	Coplanar	Pass

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Tx mode
Test Voltage:	DC 3.87V	Polarization:	Coxial

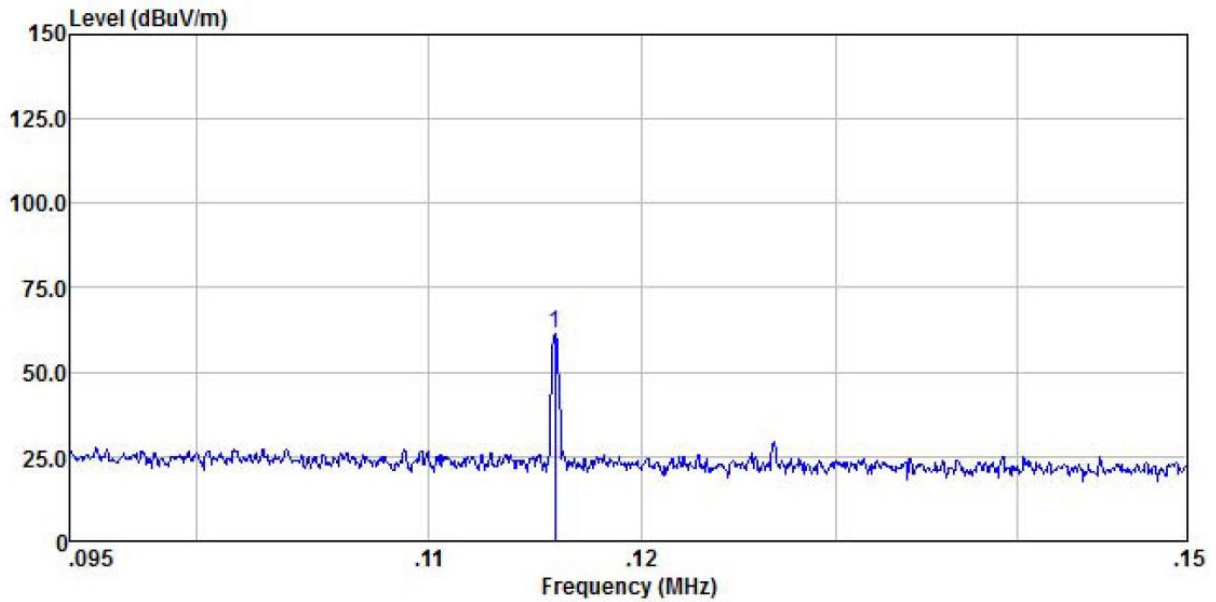


	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	
	MHz	Level	Factor	Loss	Factor	Line	Limit	Remark
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	0.116	35.33	20.18	0.02	0.00	55.53	-----	----- Peak

Remark:

1. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Tx mode
Test Voltage:	DC 3.87V	Polarization:	Coplanar



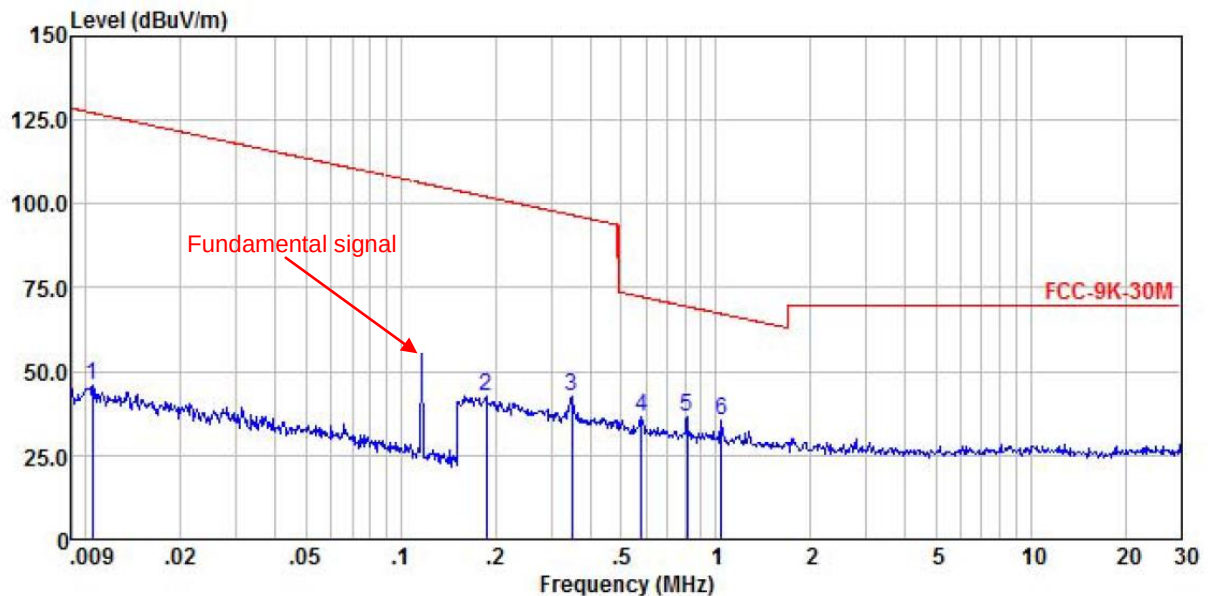
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	0.116	41.24	20.18	0.02	0.00	61.44	-----	-----	Peak

Remark:

1. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

5.6 Field Strength of Spurious Emissions

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	9 kHz – 30 MHz	Polarization:	Coxial
Test Voltage:	DC 3.87V		

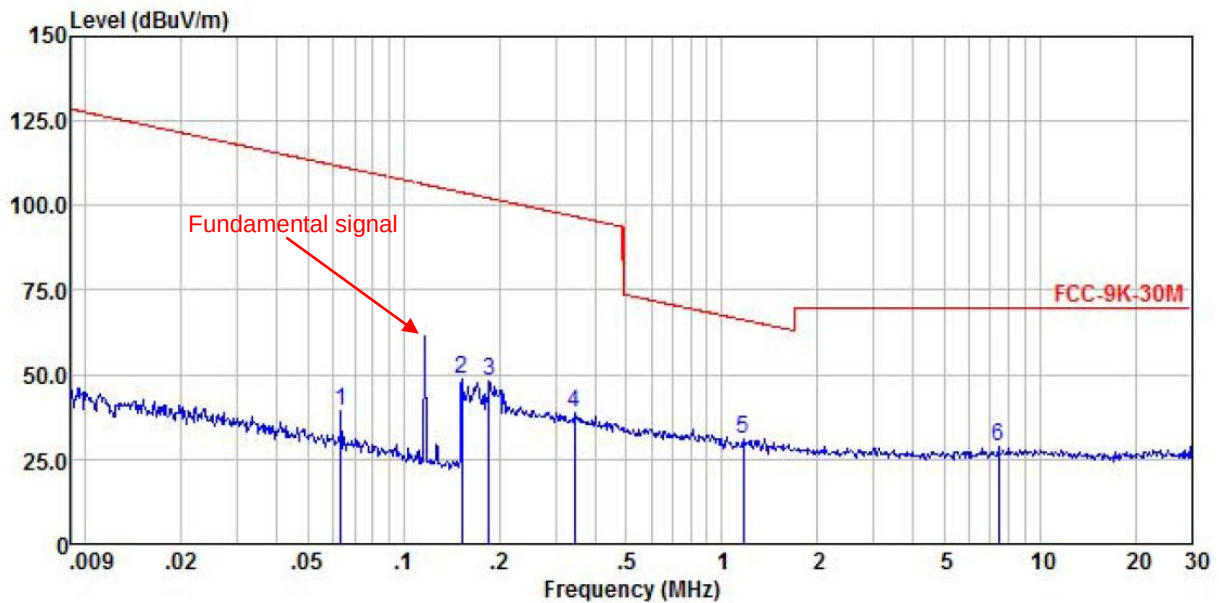


	Freq	ReadAntenna	Cable Preamp	Level	Limit	Over	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m
1	0.010	25.69	20.49	0.01	0.00	46.19	127.16
2	0.187	22.19	20.31	0.04	0.00	42.54	102.18
3	0.349	21.93	20.62	0.06	0.00	42.61	96.75
4	0.582	15.78	20.73	0.09	0.00	36.60	72.31
5	0.812	15.66	20.59	0.09	0.00	36.34	69.43
6	1.044	14.53	20.50	0.17	0.00	35.20	67.25

Remark:

1. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	9 kHz – 30 MHz	Polarization:	Coplanar
Test Voltage:	DC 3.87V		



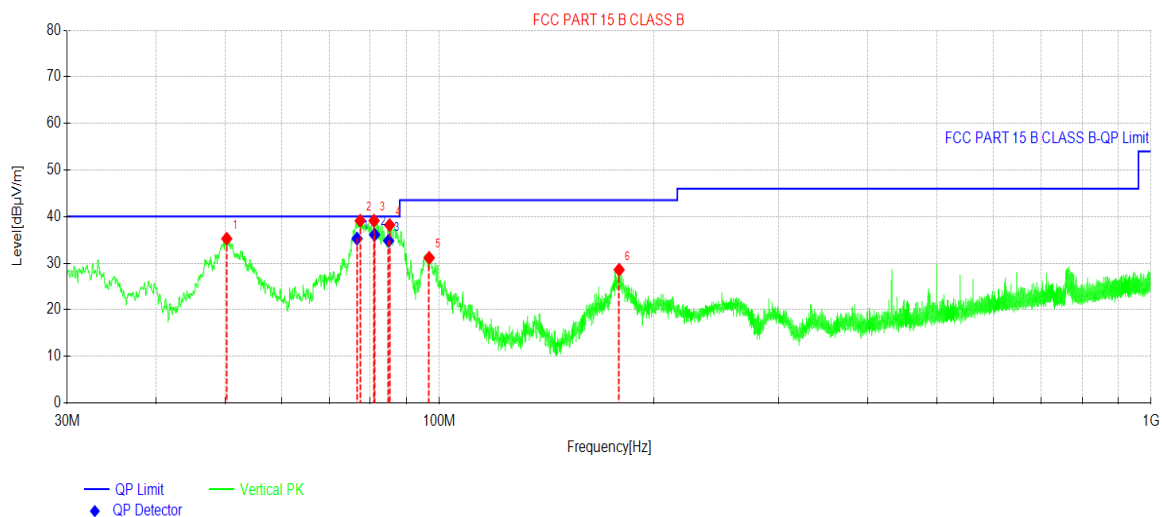
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit	Remark
		dBuV	dB/m	dB	dB			dB	
1	0.064	18.95	20.53	0.02	0.00	39.50	111.52	-72.02	
2	0.153	28.51	20.21	0.03	0.00	48.75	103.95	-55.20	
3	0.185	27.57	20.31	0.04	0.00	47.92	102.25	-54.33	
4	0.344	18.10	20.61	0.06	0.00	38.77	96.89	-58.12	
5	1.169	10.54	20.49	0.17	0.00	31.20	66.27	-35.07	
6	7.433	8.30	20.15	0.33	0.00	28.78	69.50	-40.72	

Remark:

1. Level = Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

No light effect:

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Vertical
Test Voltage:	DC 3.87V		



Suspected Data List

NO.	Freq. [MHz]	Reading[dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	50.2730	48.04	35.25	-12.79	40.00	4.75	PK	Vertical
2	77.4330	57.76	39.10	-18.66	40.00	0.90	PK	Vertical
3	80.9735	57.72	39.11	-18.61	40.00	0.89	PK	Vertical
4	85.1445	55.73	38.17	-17.56	40.00	1.83	PK	Vertical
5	96.7845	46.23	31.13	-15.10	43.50	12.37	PK	Vertical
6	178.943	45.67	28.58	-17.09	43.50	14.92	PK	Vertical

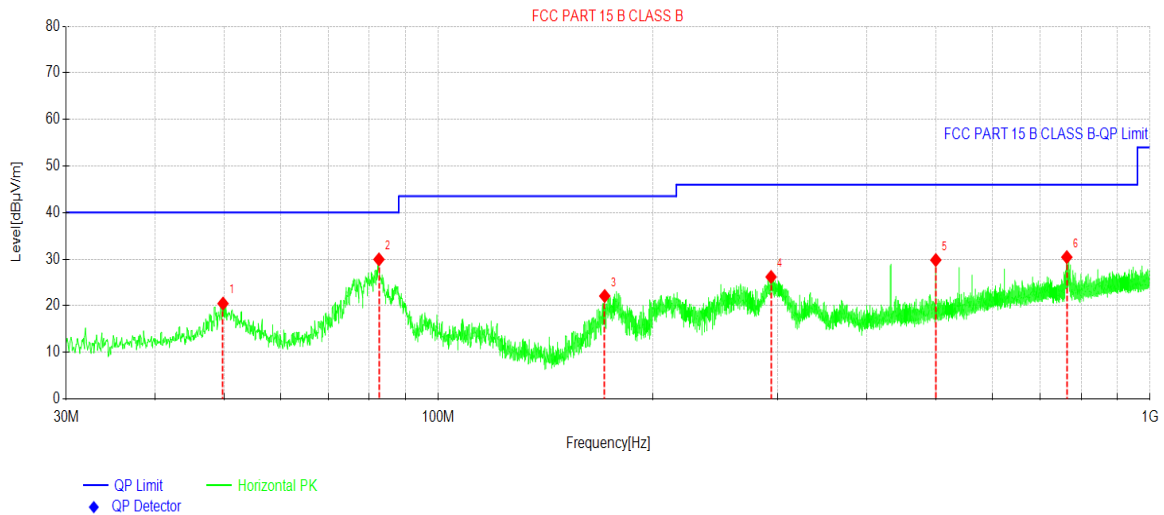
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	QP Reading [dBμV/m]	Angle [°]	Verdict
1	76.6342	-18.66	35.26	40.00	4.74	53.92	163.3	PASS
2	81.1182	-18.62	36.09	40.00	3.91	54.71	157.6	PASS
3	84.8782	-17.56	34.79	40.00	5.21	52.35	155.4	PASS

Remark:

1. Level = Reading+ Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

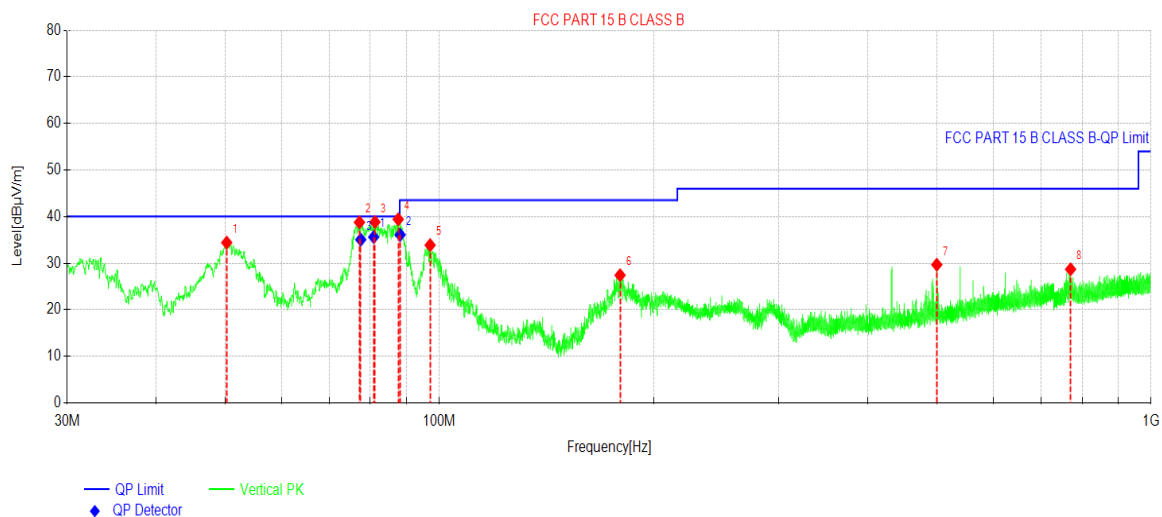
NO.	Freq. [MHz]	Reading[dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	49.8365	33.23	20.46	-12.77	40.00	19.54	PK	Horizontal
2	82.5255	48.16	29.94	-18.22	40.00	10.06	PK	Horizontal
3	171.329	39.59	22.08	-17.51	43.50	21.42	PK	Horizontal
4	293.452	39.35	26.18	-13.17	46.00	19.82	PK	Horizontal
5	500.013	38.80	29.81	-8.99	46.00	16.19	PK	Horizontal
6	763.999	34.73	30.43	-4.30	46.00	15.57	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Orange light effect:

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Vertical
Test Voltage:	DC 3.87V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	50.2730	47.19	34.40	-12.79	40.00	5.60	PK	Vertical
2	77.2390	57.40	38.75	-18.65	40.00	1.25	PK	Vertical
3	81.2160	57.37	38.82	-18.55	40.00	1.18	PK	Vertical
4	87.5695	56.38	39.41	-16.97	40.00	0.59	PK	Vertical
5	97.0755	48.93	33.86	-15.07	43.50	9.64	PK	Vertical
6	179.477	44.46	27.40	-17.06	43.50	16.10	PK	Vertical
7	500.013	38.65	29.66	-8.99	46.00	16.34	PK	Vertical
8	770.789	32.95	28.68	-4.27	46.00	17.32	PK	Vertical

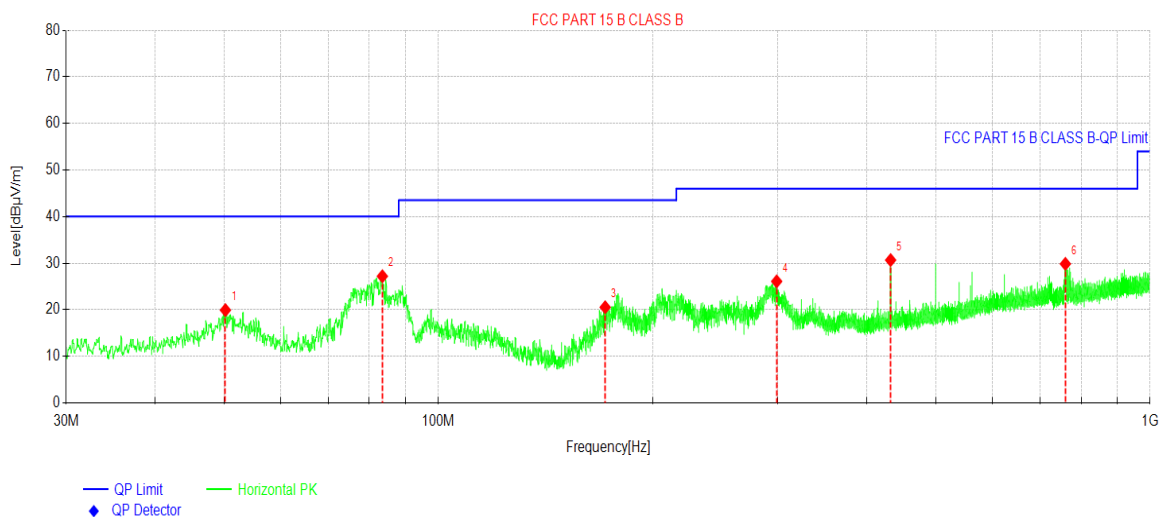
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	QP Reading [dBμV/m]	Angle [°]	Verdict
1	80.8745	-18.55	35.61	40.00	4.39	54.16	148.8	PASS
2	88.0905	-16.97	36.09	43.50	7.41	53.06	139.2	PASS
3	77.5603	-18.64	35.04	40.00	4.96	53.68	191.2	PASS

Remark:

1. Level = Reading+ Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6710
Test By:	Mike	Test mode:	Charing mode
Test Frequency:	30 MHz – 1000 MHz	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

NO.	Freq. [MHz]	Reading[dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	50.2245	32.70	19.91	-12.79	40.00	20.09	PK	Horizontal
2	83.4470	45.17	27.18	-17.99	40.00	12.82	PK	Horizontal
3	171.571	38.03	20.53	-17.50	43.50	22.97	PK	Horizontal
4	298.835	39.17	26.08	-13.09	46.00	19.92	PK	Horizontal
5	432.016	40.96	30.66	-10.30	46.00	15.34	PK	Horizontal
6	760.361	34.16	29.84	-4.32	46.00	16.16	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

-----End of report-----