FCC REPORT

Applicant:	INFINIX MOBILITY LIMITED
Address of Applicant:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT

Equipment Under Test (EUT)

Product Name:	Mobile Phone
Model No.:	X6817
Trade mark:	Infinix
FCC ID:	2AIZN-X6817
Applicable standards:	FCC CFR Title 47 Part 15 Subpart B
Date of sample receipt:	22 Dec., 2021
Date of Test:	23 Dec., 2021 to 16 Feb., 2022
Date of report issued:	17 Feb., 2022
Test Result:	PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Bruce Zhang
Laboratory Manager

2 Version

Version No.	Date	Description
00	*17 Feb., 2022*	*Original*

Tested by: Janet Wei ***Date:*** *17 Feb., 2022*

Test Engineer

Reviewed by: Winner Zhang ***Date:*** *17 Feb., 2022*

Project Engineer

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4 Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission	Part 15.107	Pass
Radiated Emission	Part 15.109	Pass

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.

2. N/A: The EUT not applicable of the test item.

Test Method:	*ANSI C63.4:2014*

5 General Information

5.1 Client Information

Applicant:	INFINIX MOBILITY LIMITED
Address:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT
Manufacturer:	SHENZHEN TECNO TECHNOLOGY CO.,LTD.
Address:	101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China

5.2 General Description of E.U.T.

Product Name:	Mobile Phone
Model No.:	X6817
Power supply:	Rechargeable Li-ion Ploymer Battery DC3.87V, 4900mAh
AC adapter:	Model: U180XSA Input: AC100-240V, 50/60Hz, 0.6A Output: DC 5.0V/2.4A, 7.5V/2.4A
Remark:	The EUT has two kinds of memory, one is 64+4 memory and the other is 128+6 memory.
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

5.3 Test Mode and test samples plans

Operating mode	Detail description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
FM mode	Keep the EUT in FM receiver mode
GPS mode	Keep the EUT in GPS receiver mode

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

Test Samples Plans :

Samples Number	Used for Test Items
2#	Conducted Emission
1#	Radiated Emission
1#	EUT constructional details

Remark: *JianYan Testing Group Shenzhen Co., Ltd. is only responsible for the test project data of the above samples, and will keep the above samples for a month.*

5.4 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 150KHz) for V-AMN	3.11 dB
Conducted Emission (150kHz ~ 30MHz) for V-AMN	2.62 dB
Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB

Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB

5.5 Description of Support Units

Manufacturer	Description	Model	S/N	FCC ID/DoC
Lenovo	Laptop	ThinkPad T14 Gen 1	SL10Z47277	DoC
HP	Printer	HP LaserJet P1007	VNFP409729	DoC

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Description of Cable Used

Cable Type	Description	Length	From	To
Detached USB Cable	Shielding	0.99m	EUT	PC/Adapter
Detached headset cable	Unshielded	1.23m	EUT	Headset

5.8 Additions to, deviations, or exclusions from the method

No

5.9 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

5.10 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

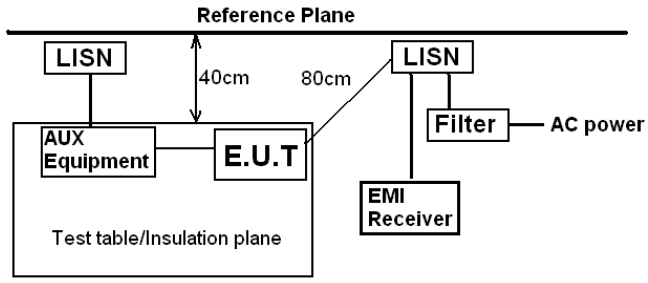
5.11 Test Instruments list

Radiated Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal.Date (mm-dd-yy)**	**Cal.Due date (mm-dd-yy)**
3m SAC	ETS	RFD-100	Q1984	04-14-2021	04-13-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Keysight	N9010B	MY60240202	10-27-2021	10-26-2022
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022
EMI Test Software	Tonscend	TS+	Version:3.0.0.1		

Conducted Emission:					
Test Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date (mm-dd-yy)**	**Cal. Due date (mm-dd-yy)**
EMI Test Receiver	Rohde & Schwarz	ESCI 3	101189	03-03-2021	03-02-2022
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	03-18-2021	03-17-2022
LISN	Rohde & Schwarz	ESH3-Z5	843862/010	06-18-2020	06-17-2022
RF Switch	TOP PRECISION	RSU0301	N/A	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-NN-2M	JYTCE-1	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-BN-3M	JYTCE-2	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

6 Test results and Measurement Data

6.1 Conducted Emission

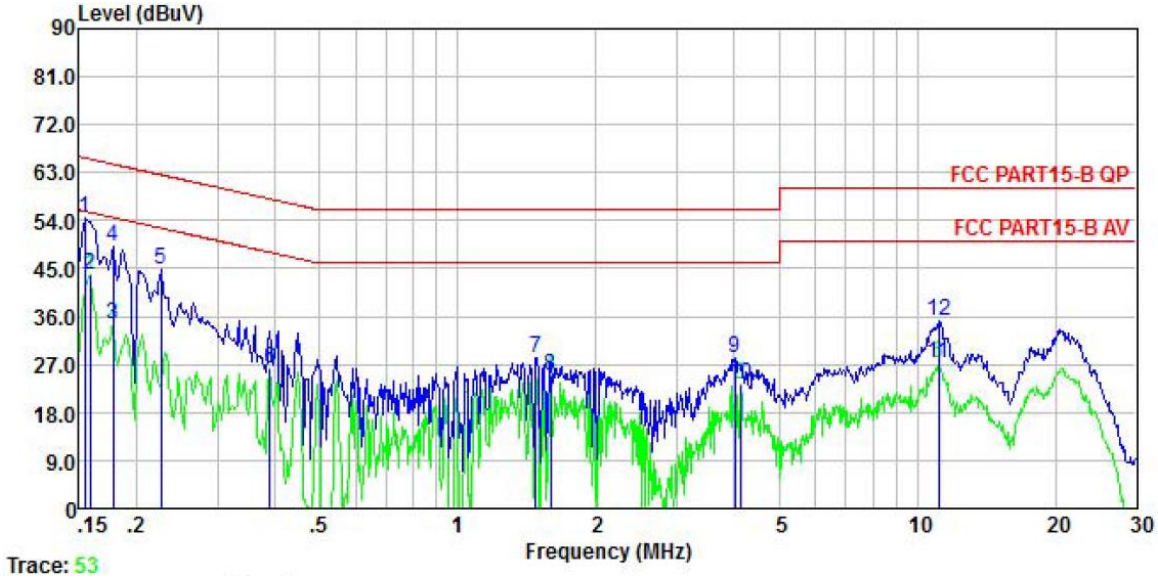
<table>
<tr><td>Test Requirement:</td><td colspan="3">FCC Part 15 B Section 15.107</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="3">150kHz to 30MHz</td></tr>
<tr><td>Class / Severity:</td><td colspan="3">Class B</td></tr>
<tr><td>Receiver setup:</td><td colspan="3">RBW=9kHz, VBW=30kHz</td></tr>
<tr><td>Limit:</td><td rowspan="2">Frequency range (MHz)</td><td colspan="2">Limit (dBµV)</td></tr>
<tr><td>Quasi-peak</td><td>Average</td></tr>
<tr><td></td><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td></td><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td></td><td>0.5-30</td><td>60</td><td>50</td></tr>
<tr><td></td><td colspan="3">* Decreases with the logarithm of the frequency.</td></tr>
<tr><td>Test setup:</td><td colspan="3"> 

Remark:
E.U.T: Equipment Under Test
LISN: Line Impedence Stabilization Network
Test table height=0.8m</td></tr>
<tr><td>Test procedure</td><td colspan="3">1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide 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 refers 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 C63.4(latest version) on conducted measurement.</td></tr>
<tr><td>Test Instruments:</td><td colspan="3">Refer to section 5.11 for details</td></tr>
<tr><td>Test mode:</td><td colspan="3">Refer to section 5.3 for details</td></tr>
<tr><td>Test results:</td><td colspan="3">Pass</td></tr>
</table>

Measurement data:

64+4D

Product name:	Mobile Phone	**Product model:**	X6817
Test by:	Janet	**Test mode:**	PC mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 21.9℃ Huni: 52%

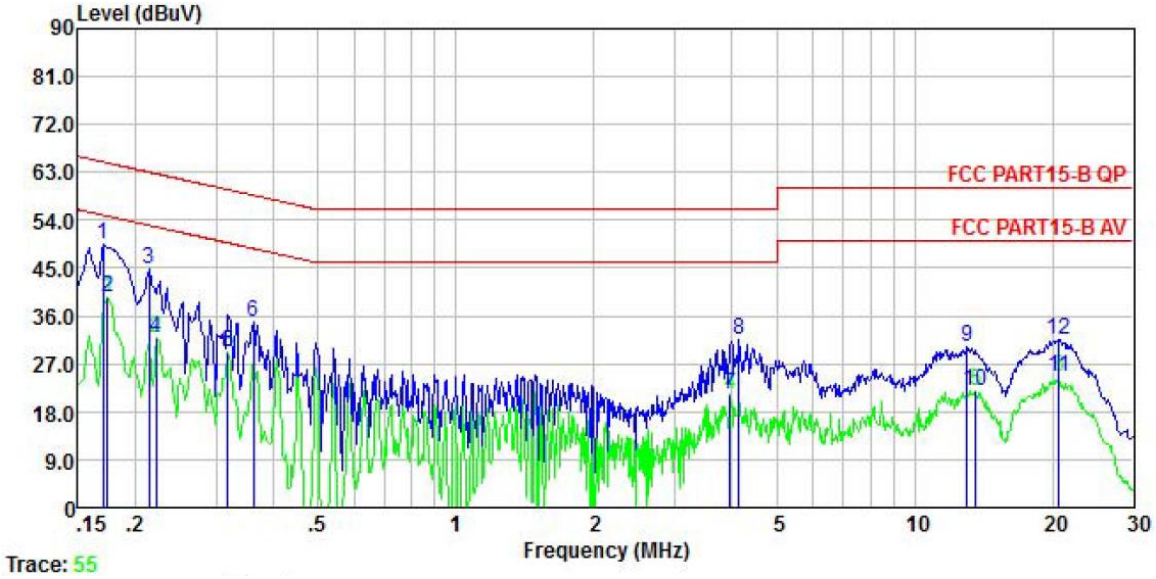


	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.154	54.26	0.04	0.01	54.31	65.78	-11.47	QP
2	0.158	43.63	0.04	0.01	43.68	55.56	-11.88	Average
3	0.178	34.65	0.04	0.01	34.70	54.59	-19.89	Average
4	0.178	49.15	0.04	0.01	49.20	64.59	-15.39	QP
5	0.226	44.79	0.04	0.02	44.85	62.61	-17.76	QP
6	0.389	26.14	0.04	0.04	26.22	48.08	-21.86	Average
7	1.480	28.17	0.06	0.14	28.37	56.00	-27.63	QP
8	1.593	24.68	0.06	0.16	24.90	46.00	-21.10	Average
9	4.006	27.94	0.11	0.08	28.13	56.00	-27.87	QP
10	4.114	22.96	0.11	0.08	23.15	46.00	-22.85	Average
11	11.139	26.93	0.23	0.11	27.27	50.00	-22.73	Average
12	11.139	34.76	0.23	0.11	35.10	60.00	-24.90	QP

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Mobile Phone	Product model:	X6817
Test by:	Janet	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 21.9℃ Huni: 52%



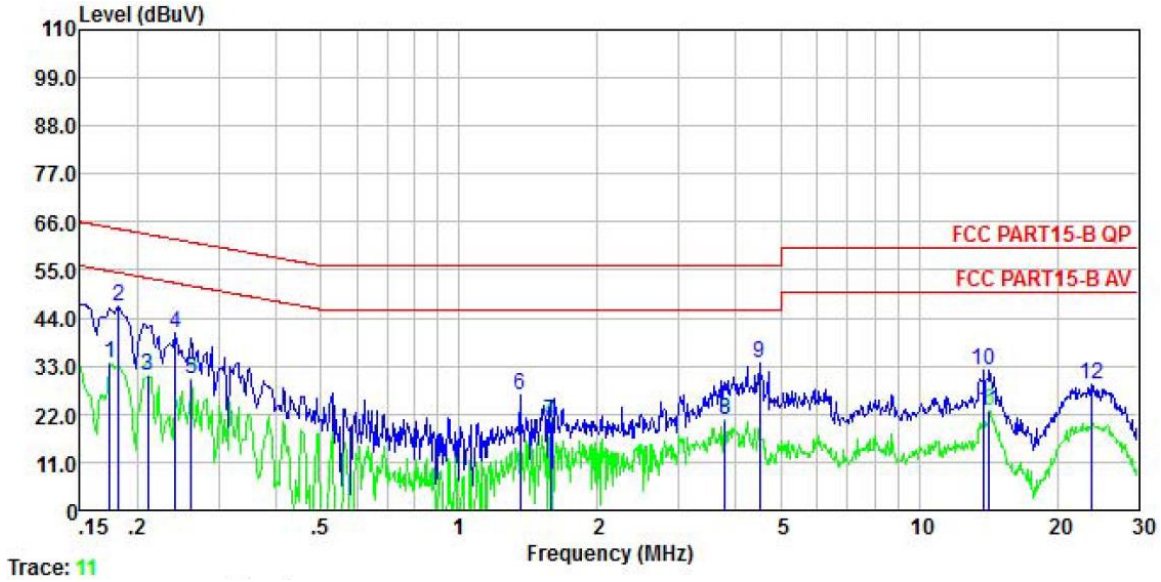
	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.170	49.32	0.05	0.01	49.38	64.94	-15.56	QP
2	0.174	39.45	0.04	0.01	39.50	54.77	-15.27	Average
3	0.214	44.81	0.04	0.03	44.88	63.05	-18.17	QP
4	0.222	31.95	0.04	0.03	32.02	52.74	-20.72	Average
5	0.318	29.21	0.04	0.03	29.28	49.75	-20.47	Average
6	0.361	34.88	0.04	0.02	34.94	58.69	-23.75	QP
7	3.964	20.99	0.09	0.08	21.16	46.00	-24.84	Average
8	4.136	31.31	0.09	0.08	31.48	56.00	-24.52	QP
9	12.988	29.75	0.23	0.11	30.09	60.00	-29.91	QP
10	13.623	21.65	0.24	0.12	22.01	50.00	-27.99	Average
11	20.594	24.02	0.31	0.18	24.51	50.00	-25.49	Average
12	20.594	31.14	0.31	0.18	31.63	60.00	-28.37	QP

Notes:

1. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
2. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
3. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

128+6J

Product name:	Mobile Phone	**Product model:**	X6817
Test by:	Janet	**Test mode:**	PC mode
Test frequency:	150 kHz ~ 30 MHz	**Phase:**	Line
Test voltage:	AC 120 V/60 Hz	**Environment:**	Temp: 20.3℃ Huni: 51%

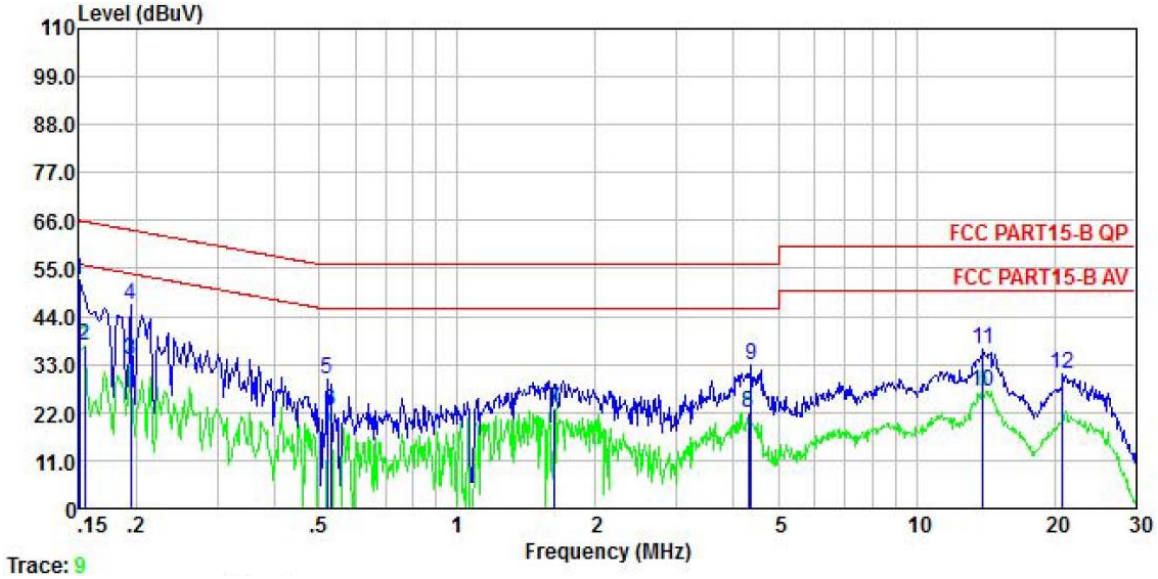


	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.174	33.59	0.04	0.01	33.64	54.77	-21.13	Average
2	0.182	46.52	0.04	0.01	46.57	64.42	-17.85	QP
3	0.211	30.58	0.04	0.03	30.65	53.18	-22.53	Average
4	0.242	40.63	0.04	0.01	40.68	62.04	-21.36	QP
5	0.262	29.80	0.04	0.01	29.85	51.38	-21.53	Average
6	1.359	26.20	0.06	0.12	26.38	56.00	-29.62	QP
7	1.577	20.22	0.06	0.16	20.44	46.00	-25.56	Average
8	3.779	20.45	0.10	0.08	20.63	46.00	-25.37	Average
9	4.501	33.31	0.11	0.09	33.51	56.00	-22.49	QP
10	13.841	31.59	0.26	0.12	31.97	60.00	-28.03	QP
11	14.213	22.42	0.26	0.12	22.80	50.00	-27.20	Average
12	23.636	28.20	0.35	0.17	28.72	60.00	-31.28	QP

Notes:

4. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
5. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
6. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

Product name:	Mobile Phone	Product model:	X6817
Test by:	Janet	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 20.3℃ Huni: 51%

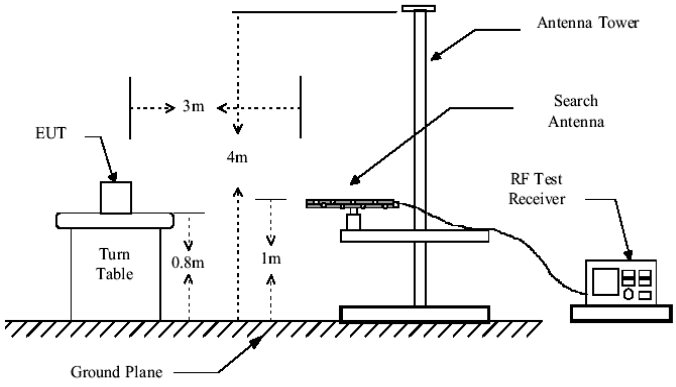


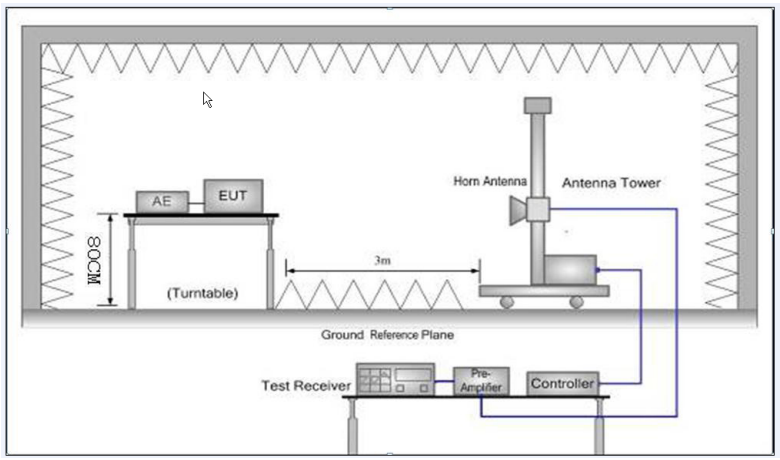
	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.150	52.50	0.05	0.01	52.56	66.00	-13.44	QP
2	0.154	37.35	0.05	0.01	37.41	55.78	-18.37	Average
3	0.194	34.10	0.04	0.03	34.17	53.84	-19.67	Average
4	0.194	46.51	0.04	0.03	46.58	63.84	-17.26	QP
5	0.521	29.49	0.04	0.03	29.56	56.00	-26.44	QP
6	0.529	22.34	0.04	0.03	22.41	46.00	-23.59	Average
7	1.628	22.44	0.06	0.16	22.66	46.00	-23.34	Average
8	4.315	21.68	0.09	0.08	21.85	46.00	-24.15	Average
9	4.361	32.58	0.09	0.08	32.75	56.00	-23.25	QP
10	13.989	26.54	0.24	0.12	26.90	50.00	-23.10	Average
11	13.989	36.04	0.24	0.12	36.40	60.00	-23.60	QP
12	20.814	30.18	0.31	0.18	30.67	60.00	-29.33	QP

Notes:

4. *An initial pre-scan was performed on the line and neutral lines with peak detector.*
5. *Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.*
6. *Final Level =Receiver Read level + LISN Factor + Cable Loss.*

6.2 Radiated Emission

<table>
<tr><td>Test Requirement:</td><td colspan="5">FCC Part 15 B Section 15.109</td></tr>
<tr><td>Test Frequency Range:</td><td colspan="5">30MHz to 6000MHz</td></tr>
<tr><td>Test site:</td><td colspan="5">Measurement Distance: 3m (Semi-Anechoic Chamber)</td></tr>
<tr><td rowspan="5">Receiver setup:</td><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>120kHz</td><td>300kHz</td><td>Quasi-peak Value</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td>RMS</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td rowspan="8">Limit:</td><td colspan="2">Frequency</td><td colspan="2">Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td colspan="2">30MHz-88MHz</td><td colspan="2">40.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">88MHz-216MHz</td><td colspan="2">43.5</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">216MHz-960MHz</td><td colspan="2">46.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2">960MHz-1GHz</td><td colspan="2">54.0</td><td>Quasi-peak Value</td></tr>
<tr><td colspan="2" rowspan="2">Above 1GHz</td><td colspan="2">54.0</td><td>Average Value</td></tr>
<tr><td colspan="2">74.0</td><td>Peak Value</td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td>Test setup:</td><td colspan="5">Below 1GHz
 

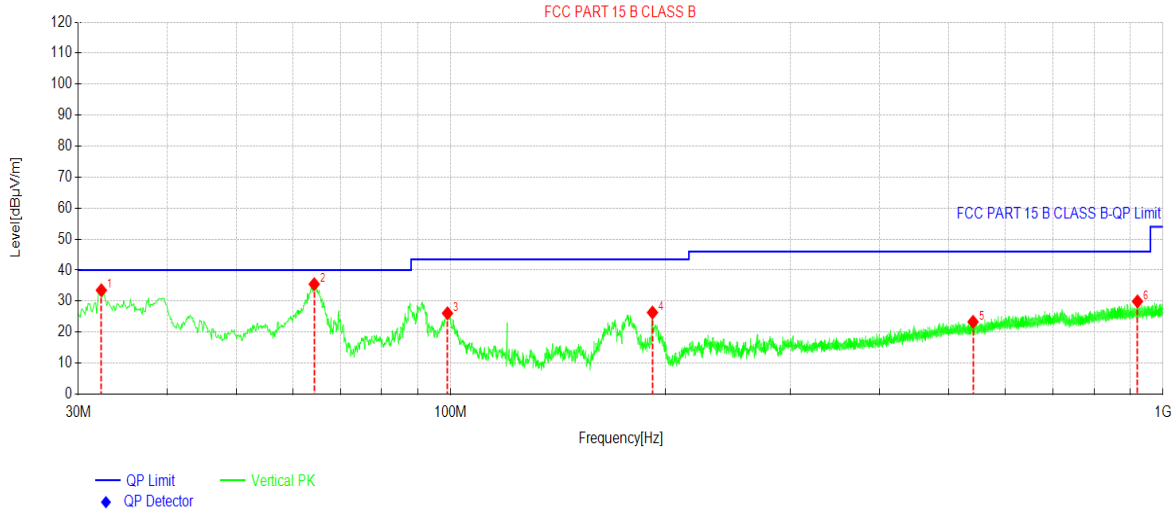
Above 1GHz
 
</td></tr>
<tr><td>Test Procedure:</td><td colspan="5">1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</td></tr>
</table>

	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 5.11 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All of the observed value above 6GHz ware the niose floor , which were no recorded

Measurement Data:

64+4D Below 1GHz:

Product Name:	Mobile Phone	**Product Model:**	X6817
Test By:	Janet	**Test mode:**	Charging&Recording mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp:22.1℃ Huni: 55%

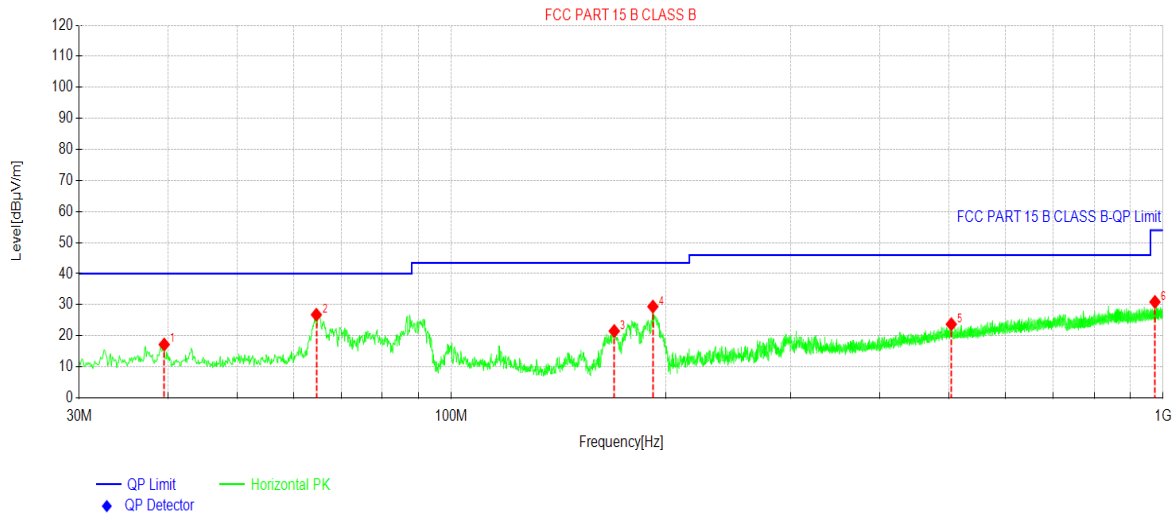


NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	32.3282	49.14	33.52	-15.62	40.00	6.48	PK	Vertical
2	64.3414	51.03	35.48	-15.55	40.00	4.52	PK	Vertical
3	98.9739	42.44	26.08	-16.36	43.50	17.42	PK	Vertical
4	192.006	42.15	26.33	-15.82	43.50	17.17	PK	Vertical
5	541.241	30.13	23.32	-6.81	46.00	22.68	PK	Vertical
6	921.034	31.01	29.91	-1.10	46.00	16.09	PK	Vertical

Remark:

1. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
2. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	Charging&Recording mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%

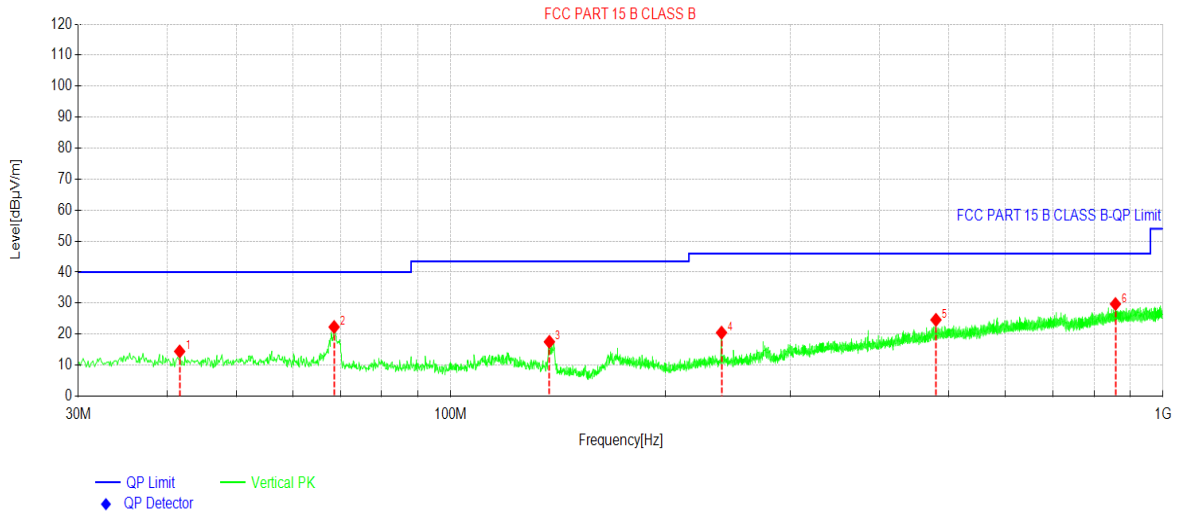


NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	39.5070	31.70	17.19	-14.51	40.00	22.81	PK	Horizontal
2	64.6325	42.37	26.78	-15.59	40.00	13.22	PK	Horizontal
3	169.402	38.53	21.51	-17.02	43.50	21.99	PK	Horizontal
4	192.006	45.22	29.40	-15.82	43.50	14.10	PK	Horizontal
5	504.086	30.63	23.71	-6.92	46.00	22.29	PK	Horizontal
6	974.098	31.78	30.89	-0.89	54.00	23.11	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
2. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%



NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	41.6412	29.07	14.42	-14.65	40.00	25.58	PK	Vertical
2	68.6099	38.88	22.30	-16.58	40.00	17.70	PK	Vertical
3	137.583	35.42	17.52	-17.90	43.50	25.98	PK	Vertical
4	240.026	34.70	20.48	-14.22	46.00	25.52	PK	Vertical
5	480.028	32.22	24.61	-7.61	46.00	21.39	PK	Vertical
6	857.589	31.04	29.71	-1.33	46.00	16.29	PK	Vertical

Remark:

3. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

4. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%

NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	38.0518	28.43	13.76	-14.67	40.00	26.24	PK	Horizontal
2	68.9979	34.63	17.95	-16.68	40.00	22.05	PK	Horizontal
3	139.426	35.31	17.33	-17.98	43.50	26.17	PK	Horizontal
4	276.598	37.72	24.39	-13.33	46.00	21.61	PK	Horizontal
5	480.028	39.63	32.02	-7.61	46.00	13.98	PK	Horizontal
6	872.820	30.99	29.54	-1.45	46.00	16.46	PK	Horizontal

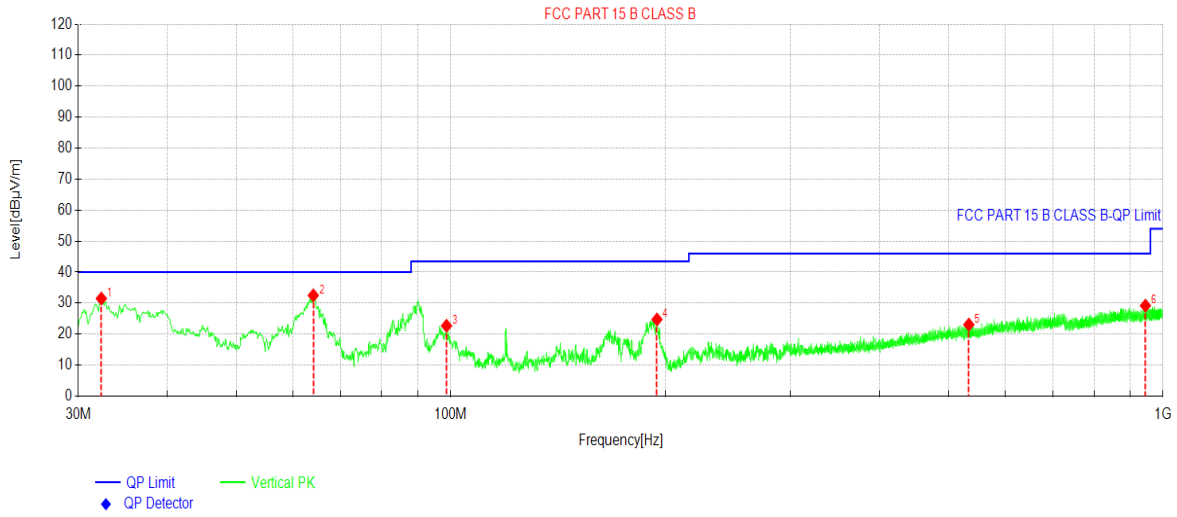
Remark:

3. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

4. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

128+6J Below 1GHz:

Product Name:	Mobile Phone	**Product Model:**	X6817
Test By:	Janet	**Test mode:**	Charging&Recording mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp:22.1℃ Huni: 55%



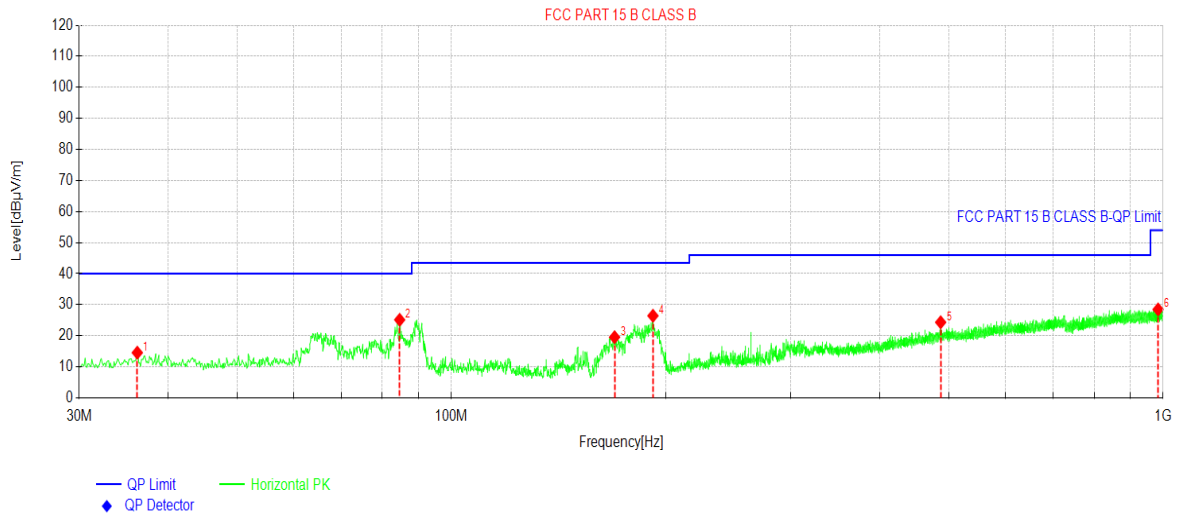
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	32.3282	47.10	31.48	-15.62	40.00	8.52	PK	Vertical
2	64.1474	48.02	32.49	-15.53	40.00	7.51	PK	Vertical
3	98.6829	39.10	22.69	-16.41	43.50	20.81	PK	Vertical
4	194.819	40.45	24.74	-15.71	43.50	18.76	PK	Vertical
5	533.868	29.91	23.07	-6.84	46.00	22.93	PK	Vertical
6	944.898	30.30	29.19	-1.11	46.00	16.81	PK	Vertical

Remark:

5. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

6. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	Charging&Recording mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%

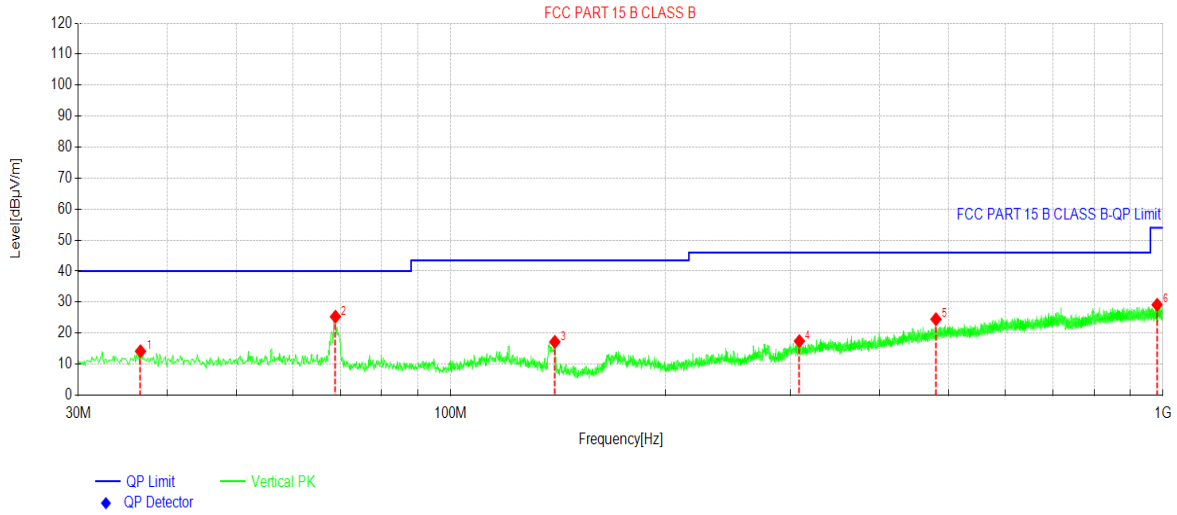


NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	36.2086	29.44	14.56	-14.88	40.00	25.44	PK	Horizontal
2	84.6165	42.60	25.13	-17.47	40.00	14.87	PK	Horizontal
3	169.597	36.57	19.55	-17.02	43.50	23.95	PK	Horizontal
4	192.006	42.26	26.44	-15.82	43.50	17.06	PK	Horizontal
5	487.012	31.74	24.33	-7.41	46.00	21.67	PK	Horizontal
6	984.090	29.30	28.48	-0.82	54.00	25.52	PK	Horizontal

Remark:

5. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
6. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%



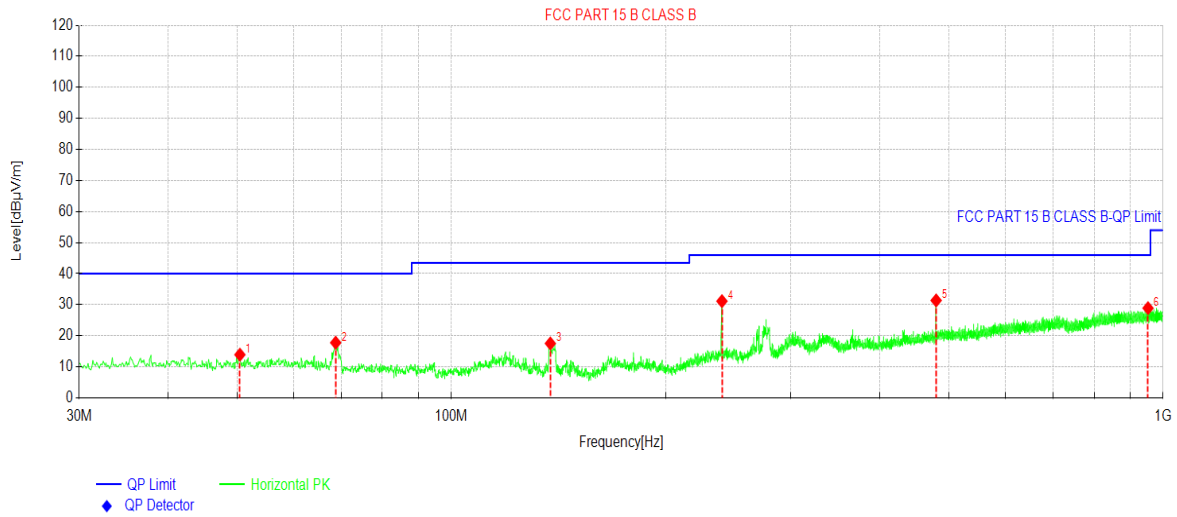
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	36.6937	28.98	14.16	-14.82	40.00	25.84	PK	Vertical
2	68.9009	41.96	25.31	-16.65	40.00	14.69	PK	Vertical
3	140.009	35.18	17.18	-18.00	43.50	26.32	PK	Vertical
4	308.708	29.88	17.41	-12.47	46.00	28.59	PK	Vertical
5	480.028	32.11	24.50	-7.61	46.00	21.50	PK	Vertical
6	981.180	30.04	29.15	-0.89	54.00	24.85	PK	Vertical

Remark:

7. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

8. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp:22.1℃ Huni: 55%



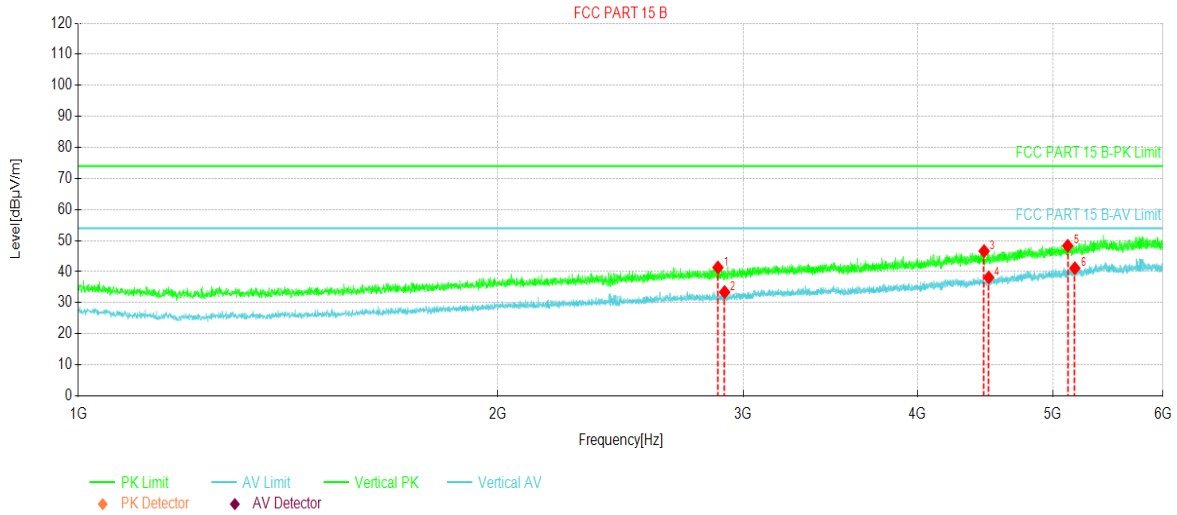
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	50.4690	28.61	13.91	-14.70	40.00	26.09	PK	Horizontal
2	68.8039	34.40	17.77	-16.63	40.00	22.23	PK	Horizontal
3	137.777	35.43	17.52	-17.91	43.50	25.98	PK	Horizontal
4	240.026	45.36	31.14	-14.22	46.00	14.86	PK	Horizontal
5	480.028	38.99	31.38	-7.61	46.00	14.62	PK	Horizontal
6	952.659	29.85	28.90	-0.95	46.00	17.10	PK	Horizontal

Remark:

7. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
8. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

64+4D Above 1GHz:

Product Name:	Mobile Phone	**Product Model:**	X6817
Test By:	Janet	**Test mode:**	PC mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 21.8℃ Huni: 57%

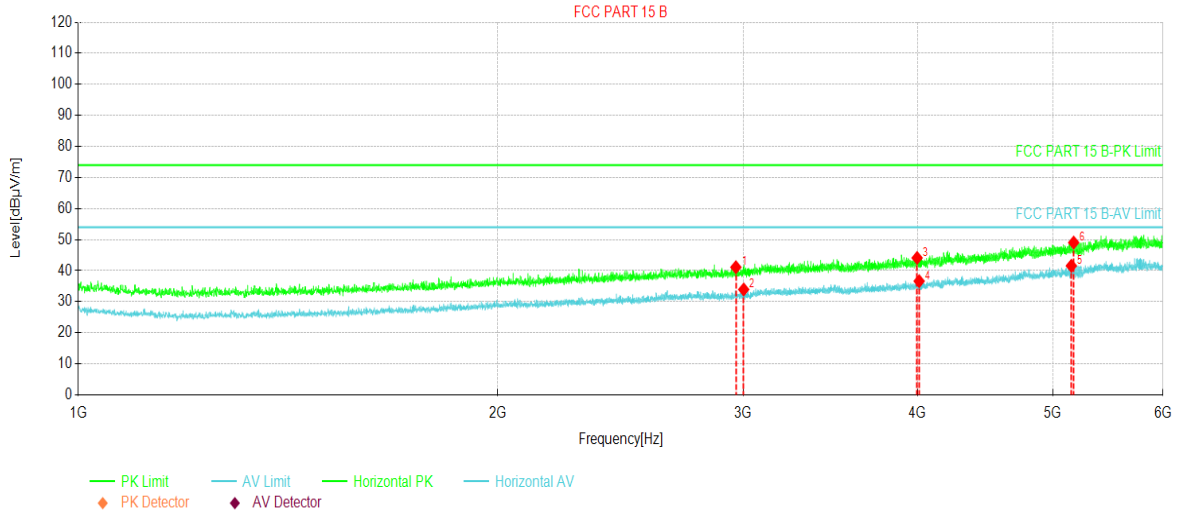


NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	2876.68	58.76	41.34	-17.42	74.00	32.66	PK	Vertical
2	2908.69	50.78	33.43	-17.35	54.00	20.57	AV	Vertical
3	4464.84	57.56	46.62	-10.94	74.00	27.38	PK	Vertical
4	4499.34	48.96	38.15	-10.81	54.00	15.85	AV	Vertical
5	5126.41	56.09	48.33	-7.76	74.00	25.67	PK	Vertical
6	5186.91	48.56	41.11	-7.45	54.00	12.89	AV	Vertical

Remark:

1. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
2. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



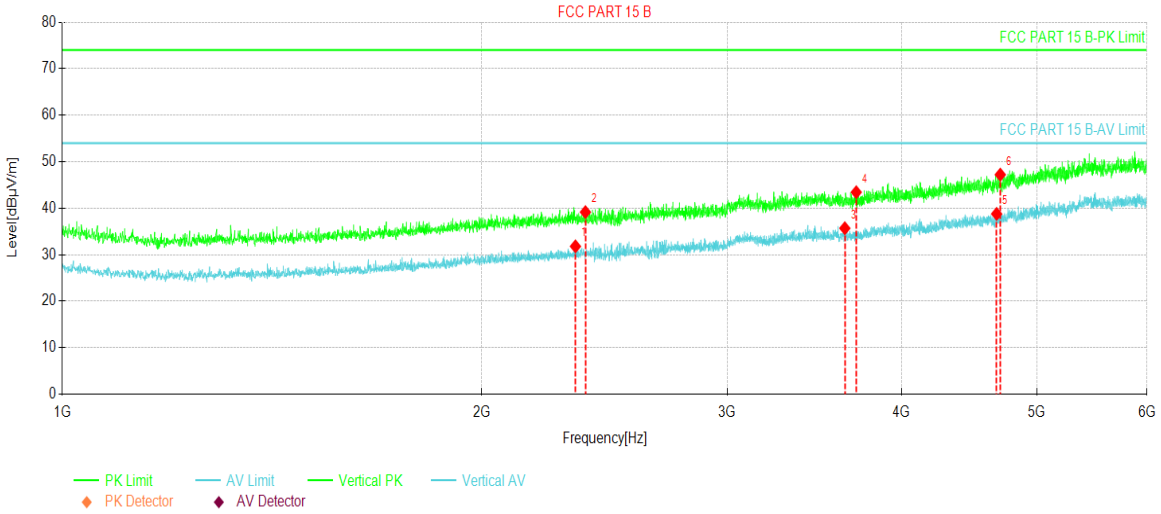
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	2963.19	58.18	41.11	-17.07	74.00	32.89	PK	Horizontal
2	3001.70	50.80	33.94	-16.86	54.00	20.06	AV	Horizontal
3	3997.29	57.24	44.11	-13.13	74.00	29.89	PK	Horizontal
4	4010.80	49.67	36.61	-13.06	54.00	17.39	AV	Horizontal
5	5157.41	49.16	41.56	-7.60	54.00	12.44	AV	Horizontal
6	5176.91	56.55	49.05	-7.50	74.00	24.95	PK	Horizontal

Remark:

1. *Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).*
2. *The emission levels of other frequencies are lower than the limit 20dB and not show in test report.*

128+6J Above 1GHz:

Product Name:	Mobile Phone	**Product Model:**	X6817
Test By:	Janet	**Test mode:**	PC mode
Test Frequency:	1 GHz ~ 6 GHz	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz	**Environment:**	Temp: 21.8℃ Huni: 57%



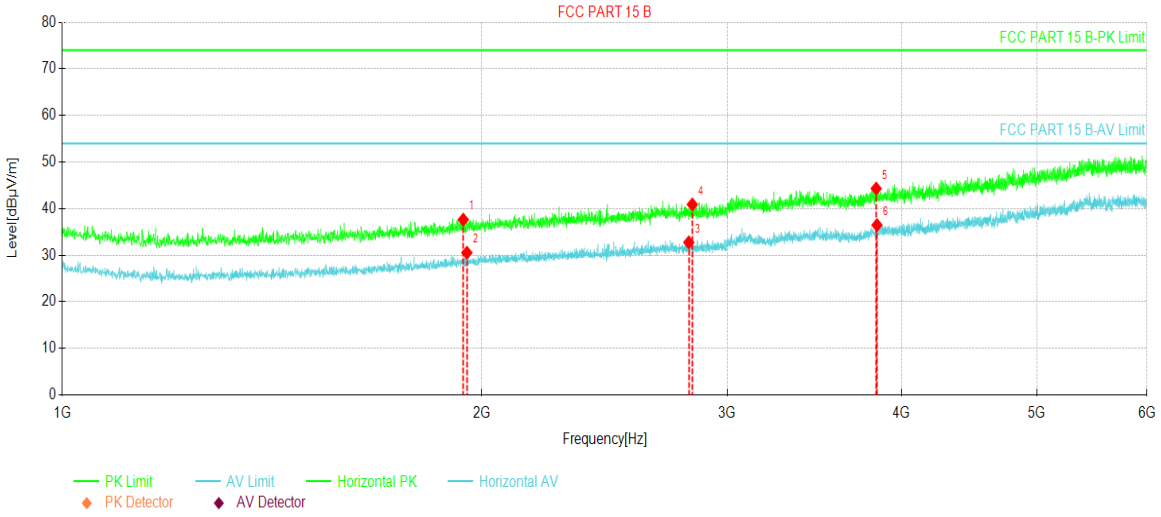
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	2334.37	50.75	31.78	-18.97	54.00	22.22	AV	Vertical
2	2373.12	58.02	39.15	-18.87	74.00	34.85	PK	Vertical
3	3642.50	50.41	35.68	-14.73	54.00	18.32	AV	Vertical
4	3711.87	57.83	43.42	-14.41	74.00	30.58	PK	Vertical
5	4680.62	48.60	38.76	-9.84	54.00	15.24	AV	Vertical
6	4708.75	56.89	47.21	-9.68	74.00	26.79	PK	Vertical

Remark:

3. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

4. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.

Product Name:	Mobile Phone	Product Model:	X6817
Test By:	Janet	Test mode:	PC mode
Test Frequency:	1 GHz ~ 6 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24℃ Huni: 57%



NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	1939.37	58.22	37.62	-20.60	74.00	36.38	PK	Horizontal
2	1951.25	51.03	30.52	-20.51	54.00	23.48	AV	Horizontal
3	2815.00	50.27	32.75	-17.52	54.00	21.25	AV	Horizontal
4	2831.25	58.37	40.88	-17.49	74.00	33.12	PK	Horizontal
5	3836.25	58.04	44.29	-13.75	74.00	29.71	PK	Horizontal
6	3841.25	50.18	36.45	-13.73	54.00	17.55	AV	Horizontal

Remark:

3. Final Level = Receiver Read level + Factor.(Antenna Factor + Cable Loss – Preamplifier Factor).

4. The emission levels of other frequencies are lower than the limit 20dB and not show in test report.