

FCC RF Test Report

(BLE)

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.: X6837

Trade Mark: Infinix

FCC ID: 2AIZN-X6837

Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)

Date of Sample Receipt: 17 Aug., 2023

Date of Test: 18 Aug., to 19 Sep., 2023

Date of Report Issued: 20 Sep., 2023

Test Result: PASS

Tested by: _____

Lucy Ding
Test Engineer

Date: _____

20 Sep., 2023

Reviewed by: _____

Jane
Project Engineer

Date: _____

20 Sep., 2023

Approved by: _____

Shao
Manager

Date: _____

20 Sep., 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	20 Sep., 2023	Original

2 Contents

Page

Cover Page	1
1 Version	2
2 Contents	3
3 General Information	4
3.1 Client Information	4
3.2 General Description of E.U.T.	4
3.3 Test Mode and Test Environment	5
3.4 Description of Test Auxiliary Equipment	5
3.5 Measurement Uncertainty	5
3.6 Additions to, Deviations, or Exclusions from the Method	5
3.7 Laboratory Facility	5
3.8 Laboratory Location	6
3.9 Test Instruments List	6
4 Measurement Setup and Procedure	8
4.1 Test Channel	8
4.2 Test Setup	8
4.3 Test Procedure	10
5 Test Results	11
5.1 Summary	11
5.1.1 Clause and Data Summary	11
5.1.2 Test Limit	12
5.2 Antenna requirement	13
5.3 AC Power Line Conducted Emission	14
5.4 Emissions in Restricted Frequency Bands	16
5.5 Emissions in Non-restricted Frequency Bands	32

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.:	X6837
Operation Frequency:	2402 MHz - 2480 MHz
Channel Numbers:	40
Channel Separation:	2MHz
Modulation Technology:	GFSK
Data Speed:	1 Mbps (LE 1M PHY), 2 Mbps (LE 2M PHY), 125 kbps (LE Coded PHY, S=8), 500 kbps (LE Coded PHY, S=2)
Antenna Type:	Internal Antenna
Antenna Gain:	ANT12: 1.35 dBi (declare by applicant)
Antenna transmit mode:	SISO (1TX, 1RX)
Power Supply:	Rechargeable Li-ion Polymer Battery DC3.87V, 4900mAh
AC Adapter:	Model: U330XSA Input: AC100-240V, 50/60Hz, 1.5A Output: DC 5.0V, 3.0A 15.0W or 10.0V, 3.3A 33.0W MAX
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Test Environment

Test Mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation
Remark:	
1. For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan all data speed, found 1 Mbps (LE 1M PHY) was worse case mode. The report only reflects the test data of worst mode. 2. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar

3.4 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Conducted Emission for LISN (9kHz ~ 150kHz)	3.57 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	3.14 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m FAR)	4.95 dB
Radiated Emission (6GHz ~ 18GHz) (3m FAR)	5.23 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.32 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

<p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● 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
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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	02-09-2023	02-08-2024
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	02-09-2023	02-08-2024
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	01-10-2023	01-09-2024
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	01-11-2023	01-10-2024
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	01-10-2023	01-09-2024
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	10-17-2022	10-16-2023
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-18-2023	01-17-2024
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	07-13-2023	07-12-2024
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-02-2021	07-01-2024
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	07-14-2023	07-13-2024
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	01-09-2023	01-08-2024
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	01-09-2023	01-08-2024
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	01-09-2023	01-08-2024
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	05-14-2023	05-13-2024
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	05-14-2023	05-13-2024
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	01-11-2023	01-10-2024
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	01-10-2023	01-09-2024
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	01-10-2023	01-09-2024
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ081-1	06-13-2023	06-12-2024
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	08-01-2023	07-31-2024
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	08-01-2023	07-31-2024
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	08-01-2023	07-31-2024
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

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	07-05-2023	07-04-2024
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	01-10-2023	01-09-2024
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	01-11-2023	01-10-2024
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	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)
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	10-17-2022	10-16-2023
Temperature Humidity Chamber	ZHONG ZHI	CZ-A-80D	WXJ032-3	01-09-2023	01-08-2025
Power Detector Box	MWRFTTEST	MW100-PSB	WXJ007-4	10-17-2022	10-16-2023
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	
RF Control Unit	MWRFTTEST	MW100-RFCB	WXG006	N/A	
Test Software	MWRFTTEST	MTS 8310	Version: 2.0.0.0		

4 Measurement Setup and Procedure

4.1 Test Channel

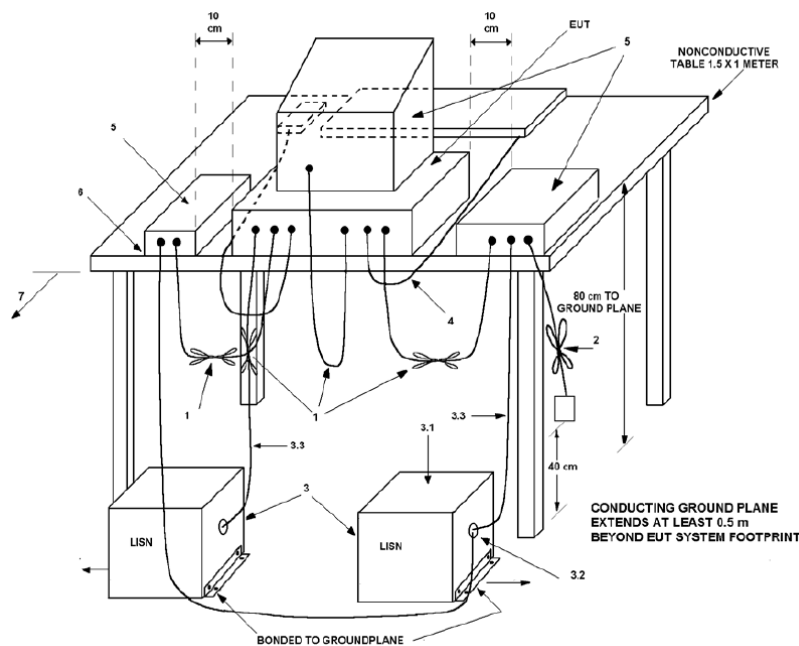
According to ANSI C63.10-2013 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	20	2442	39	2480
1	2404	20	2442	38	2478

Note: For LE 2M PHY, channels 1, 12, 39 have been removed. Therefore, at LE 2M PHY, channels 1, 20, and 38 were selected to correspond to the lowest, middle, and highest channels respectively for testing

4.2 Test Setup

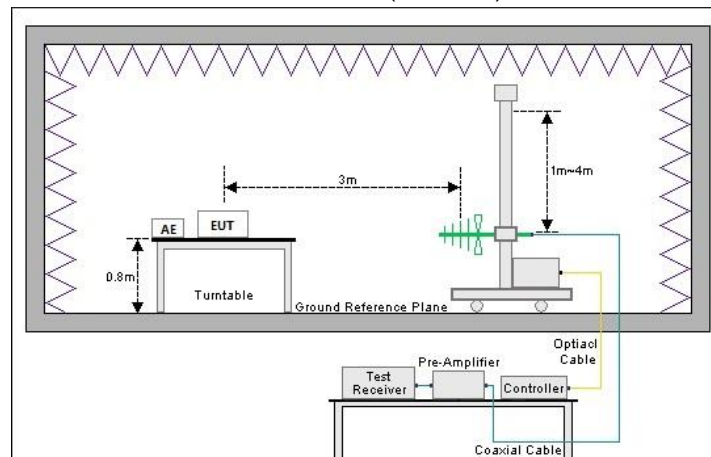
1) Conducted emission measurement:

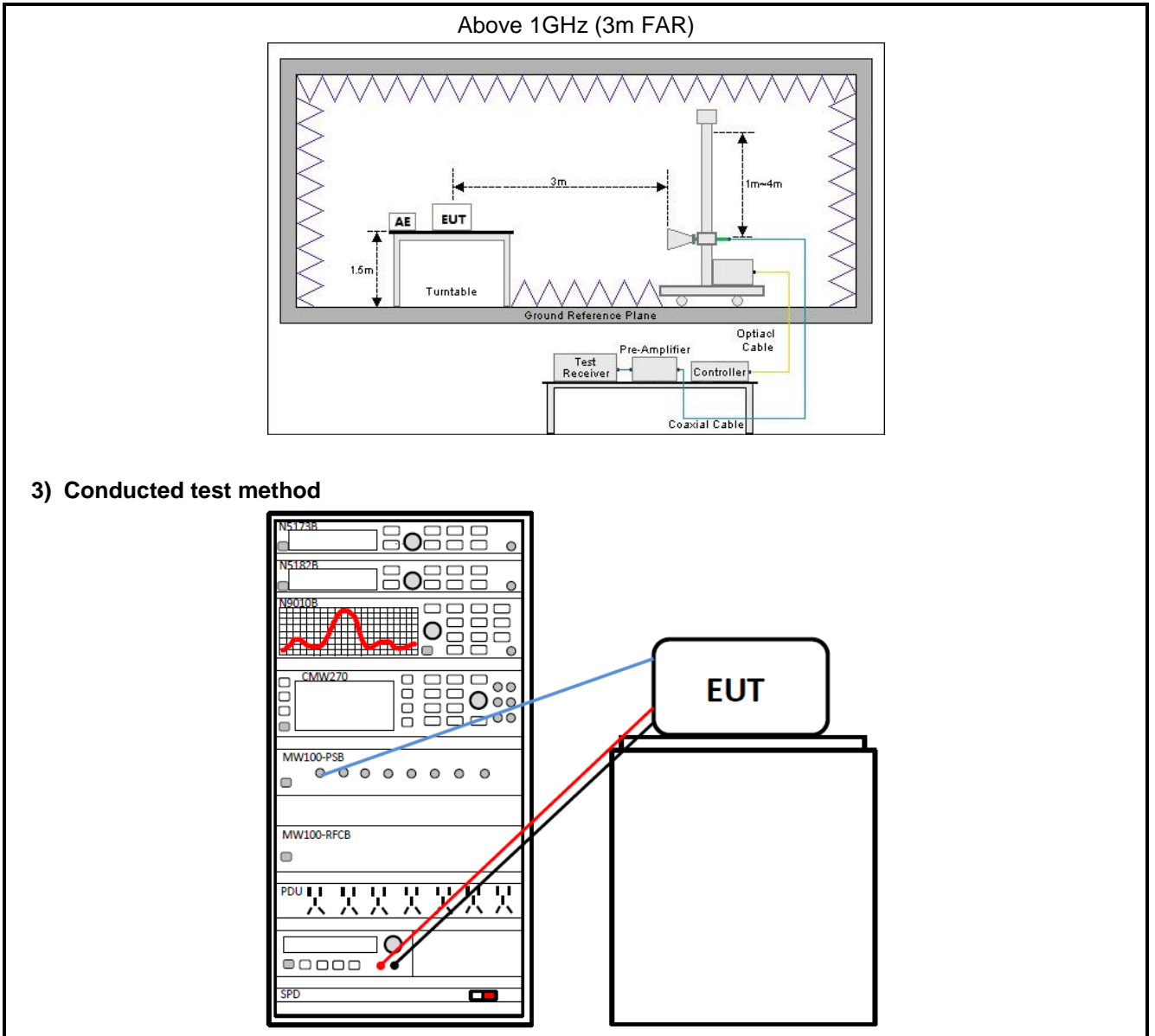


Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

Below 1GHz (3m SAC)





4.3 Test Procedure

Test method	Test step
Conducted emission	<ol style="list-style-type: none"> 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. 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). 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	<p>For below 1GHz:</p> <ol style="list-style-type: none"> 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. 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. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. <p>For above 1GHz:</p> <ol style="list-style-type: none"> The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 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. 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	<ol style="list-style-type: none"> The BLE antenna port of EUT was connected to the test port of the test system through an RF cable. The EUT is keeping in continuous transmission mode and tested in all modulation modes. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	See Section 5.3	Pass
Conducted Output Power	15.247 (b)(3)	Appendix A – BLE 1M PHY Appendix B – BLE 2M PHY Appendix C – BLE Coded PHY, S=2 Appendix D – BLE Coded PHY, S=8	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Appendix A – BLE 1M PHY Appendix B – BLE 2M PHY Appendix C – BLE Coded PHY, S=2 Appendix D – BLE Coded PHY, S=8	Pass
Power Spectral Density	15.247 (e)	Appendix A – BLE 1M PHY Appendix B – BLE 2M PHY Appendix C – BLE Coded PHY, S=2 Appendix D – BLE Coded PHY, S=8	Pass
Band-edge Emission Conduction Spurious Emission	15.247 (d)	Appendix A – BLE 1M PHY Appendix B – BLE 2M PHY Appendix C – BLE Coded PHY, S=2 Appendix D – BLE Coded PHY, S=8	Pass
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	See Section 5.4	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	See Section 5.5	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 3. The cable insertion loss used by “RF Output Power” and other conduction measurement items is 0.5dB (provided by the customer).			
Test Method:	ANSI C63.10-2013 KDB 558074 D01 15.247 Meas Guidance v05r02		

5.1.2 Test Limit

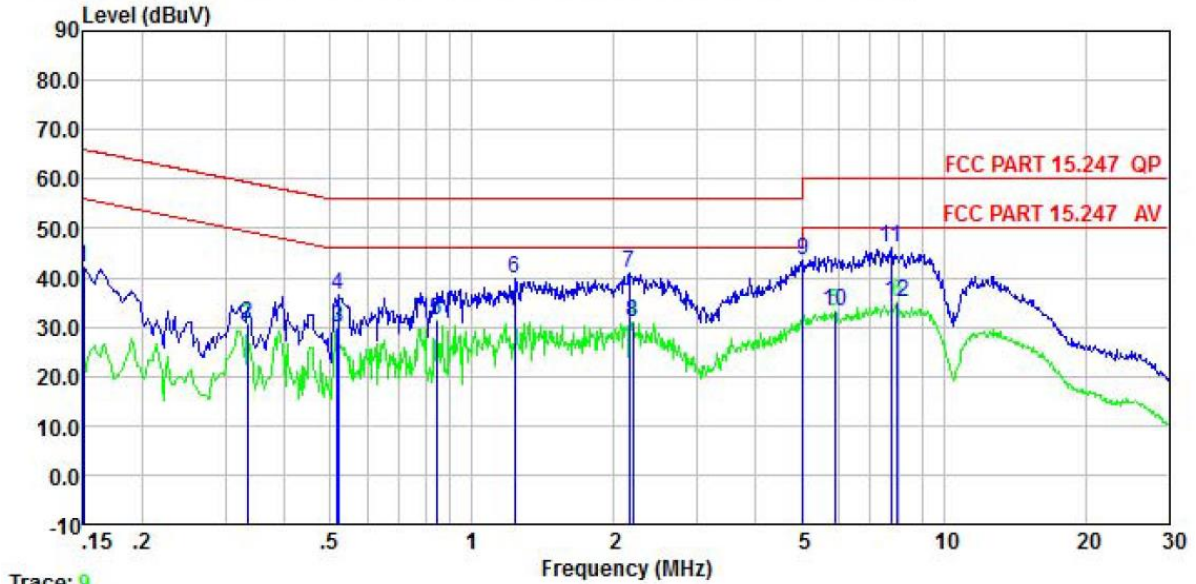
Test items	Limit																														
AC Power Line Conducted Emission	<table border="1"> <thead> <tr> <th rowspan="2">Frequency (MHz)</th> <th colspan="2">Limit (dBμV)</th> </tr> <tr> <th>Quasi-Peak</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>0.15 – 0.5</td> <td>66 to 56 <small>Note 1</small></td> <td>56 to 46 <small>Note 1</small></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> </tbody> </table> <p>Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency. Note 2: The more stringent limit applies at transition frequencies.</p>	Frequency (MHz)	Limit (dB μ V)		Quasi-Peak	Average	0.15 – 0.5	66 to 56 <small>Note 1</small>	56 to 46 <small>Note 1</small>	0.5 – 5	56	46	5 – 30	60	50																
Frequency (MHz)	Limit (dB μ V)																														
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0.5 – 5	56	46																													
5 – 30	60	50																													
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.																														
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.																														
99% Occupied Bandwidth	N/A																														
Power Spectral Density	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.																														
Band-edge Emission Conduction Spurious Emission	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).																														
Emissions in Restricted Frequency Bands Emissions in Non-restricted Frequency Bands	<table border="1"> <thead> <tr> <th rowspan="2">Frequency (MHz)</th> <th colspan="2">Limit (dBμV/m)</th> <th rowspan="2">Detector</th> </tr> <tr> <th>@ 3m</th> <th>@ 10m</th> </tr> </thead> <tbody> <tr> <td>30 – 88</td> <td>40.0</td> <td>30.0</td> <td>Quasi-peak</td> </tr> <tr> <td>88 – 216</td> <td>43.5</td> <td>33.5</td> <td>Quasi-peak</td> </tr> <tr> <td>216 – 960</td> <td>46.0</td> <td>36.0</td> <td>Quasi-peak</td> </tr> <tr> <td>960 – 1000</td> <td>54.0</td> <td>44.0</td> <td>Quasi-peak</td> </tr> </tbody> </table> <p>Note: The more stringent limit applies at transition frequencies.</p> <table border="1"> <thead> <tr> <th rowspan="2">Frequency</th> <th colspan="2">Limit (dBμV/m) @ 3m</th> </tr> <tr> <th>Average</th> <th>Peake</th> </tr> </thead> <tbody> <tr> <td>Above 1 GHz</td> <td>54.0</td> <td>74.0</td> </tr> </tbody> </table> <p>Note: The measurement bandwidth shall be 1 MHz or greater.</p>	Frequency (MHz)	Limit (dB μ V/m)		Detector	@ 3m	@ 10m	30 – 88	40.0	30.0	Quasi-peak	88 – 216	43.5	33.5	Quasi-peak	216 – 960	46.0	36.0	Quasi-peak	960 – 1000	54.0	44.0	Quasi-peak	Frequency	Limit (dB μ V/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Frequency (MHz)	Limit (dB μ V/m)		Detector																												
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960 – 1000	54.0	44.0	Quasi-peak																												
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Above 1 GHz	54.0	74.0																													

5.2 Antenna requirement

Standard requirement:	FCC Part 15 C Section 15.203 /247(b)(4)
<p>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.</p>	
<p>15.247(b) (4) requirement: (4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.</p>	
E.U.T Antenna:	
<p>The BLE antenna is an Internal antenna which cannot replace by end-user, the best case gain of the antenna gain is 1.35 dBi. See product internal photos for details.</p>	

5.3 AC Power Line Conducted Emission

Product name:	Mobile Phone	Product model:	X6837
Test by:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		



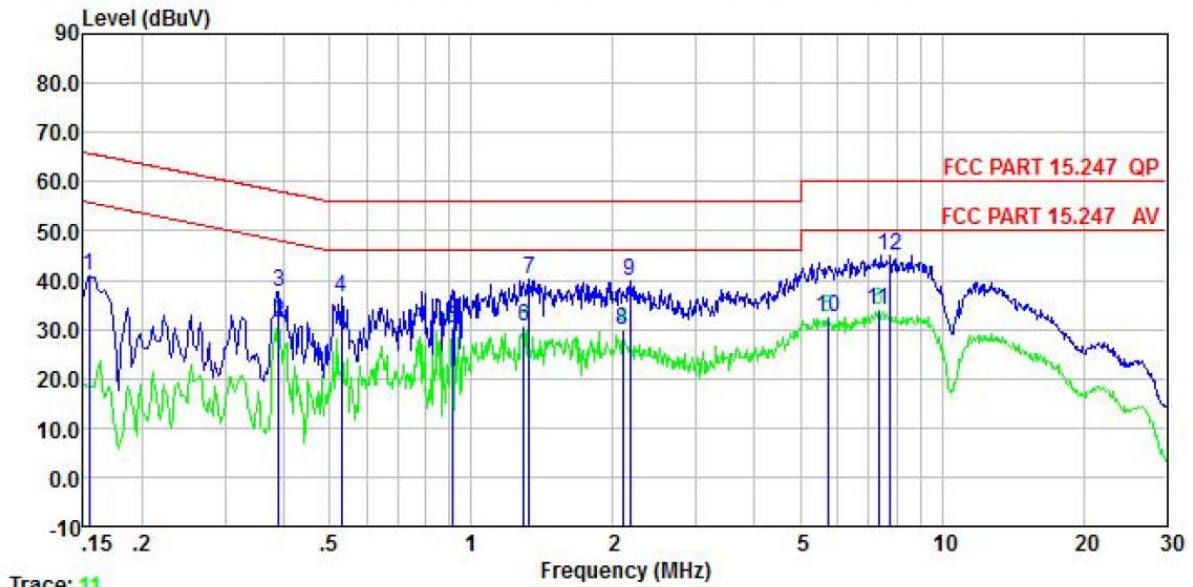
Trace: 9

	Read Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.150	31.40	0.20	10.50	0.01	42.11	66.00	-23.89	QP
2	0.334	19.75	0.20	10.50	0.02	30.47	49.35	-18.88	Average
3	0.518	19.20	0.20	10.50	0.03	29.93	46.00	-16.07	Average
4	0.521	25.71	0.20	10.50	0.03	36.44	56.00	-19.56	QP
5	0.839	20.45	0.20	10.50	0.03	31.18	46.00	-14.82	Average
6	1.229	29.10	0.20	10.50	0.10	39.90	56.00	-16.10	QP
7	2.155	30.08	0.20	10.50	0.18	40.96	56.00	-15.04	QP
8	2.190	20.00	0.20	10.50	0.18	30.88	46.00	-15.12	Average
9	5.031	32.53	0.20	10.50	0.09	43.32	60.00	-16.68	QP
10	5.867	22.29	0.20	10.50	0.09	33.08	50.00	-16.92	Average
11	7.728	35.26	0.20	10.50	0.10	46.06	60.00	-13.94	QP
12	7.977	24.14	0.20	10.50	0.10	34.94	50.00	-15.06	Average

Remark:

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

Product name:	Mobile Phone	Product model:	X6837
Test by:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



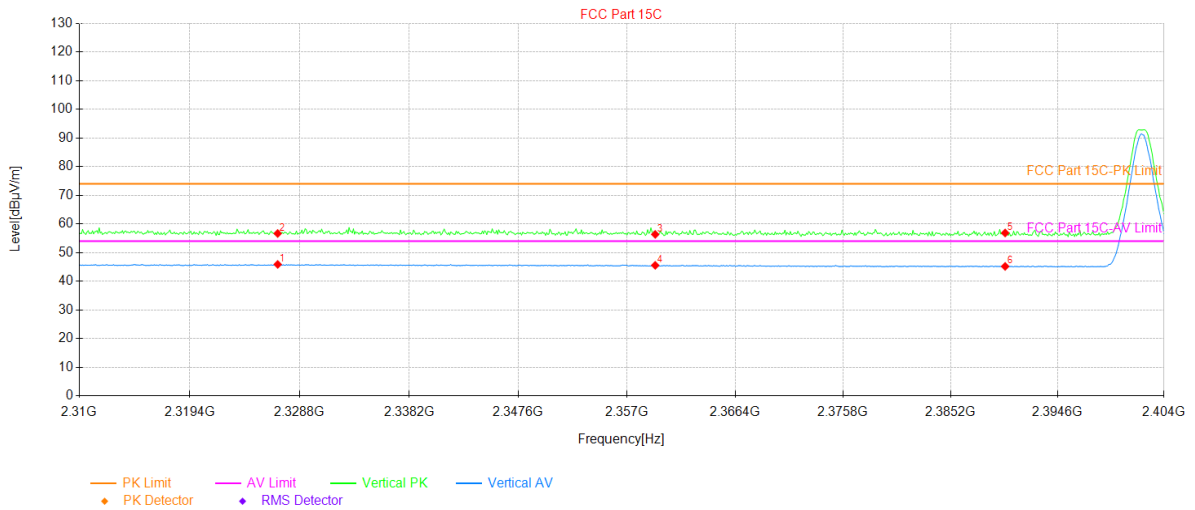
	Read Freq	Read Level	LISN Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	30.19	0.20	10.50	0.01	40.90	65.78	-24.88	QP
2	0.389	20.68	0.20	10.50	0.04	31.42	48.08	-16.66	Average
3	0.389	26.91	0.20	10.50	0.04	37.65	58.08	-20.43	QP
4	0.529	25.65	0.20	10.50	0.03	36.38	56.00	-19.62	QP
5	0.909	19.56	0.20	10.50	0.04	30.30	46.00	-15.70	Average
6	1.296	19.59	0.24	10.50	0.11	30.44	46.00	-15.56	Average
7	1.331	29.32	0.24	10.50	0.12	40.18	56.00	-15.82	QP
8	2.099	18.80	0.30	10.50	0.19	29.79	46.00	-16.21	Average
9	2.178	29.01	0.30	10.50	0.18	39.99	56.00	-16.01	QP
10	5.713	21.37	0.30	10.50	0.09	32.26	50.00	-17.74	Average
11	7.329	23.04	0.31	10.50	0.10	33.95	50.00	-16.05	Average
12	7.769	33.95	0.33	10.50	0.10	44.88	60.00	-15.12	QP

Remark:

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

5.4 Emissions in Restricted Frequency Bands

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		

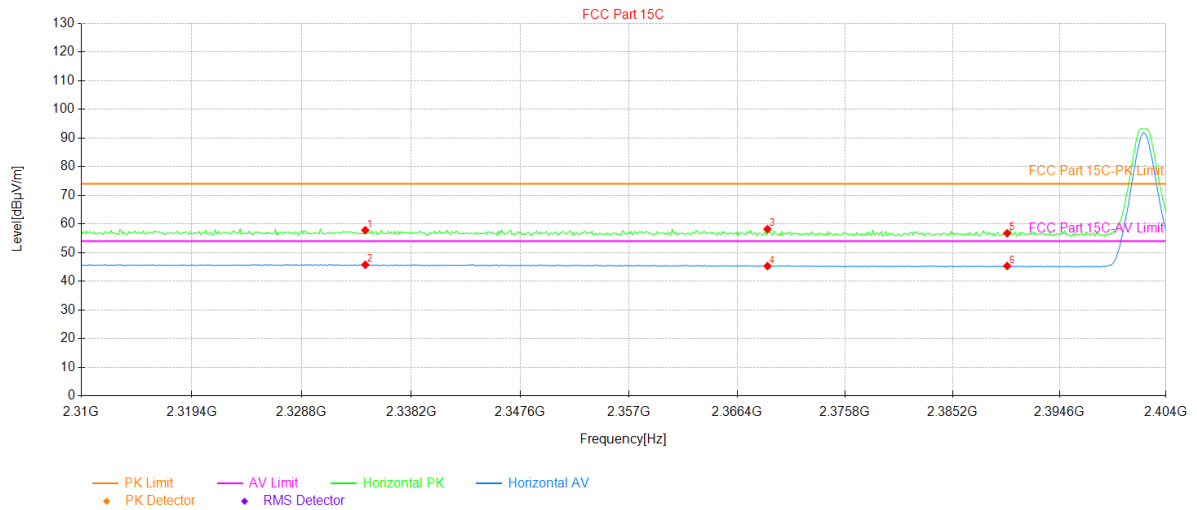


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2326.92	11.68	34.19	45.87	54.00	8.13	150	15	Vertical
2	2326.92	22.46	34.19	56.65	74.00	17.35	150	184	Vertical
3	2359.44	22.14	34.20	56.34	74.00	17.66	150	354	Vertical
4	2359.44	11.34	34.20	45.54	54.00	8.46	150	320	Vertical
5	2390.00	22.70	34.13	56.83	74.00	17.17	150	256	Vertical
6	2390.00	11.04	34.13	45.17	54.00	8.83	150	38	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

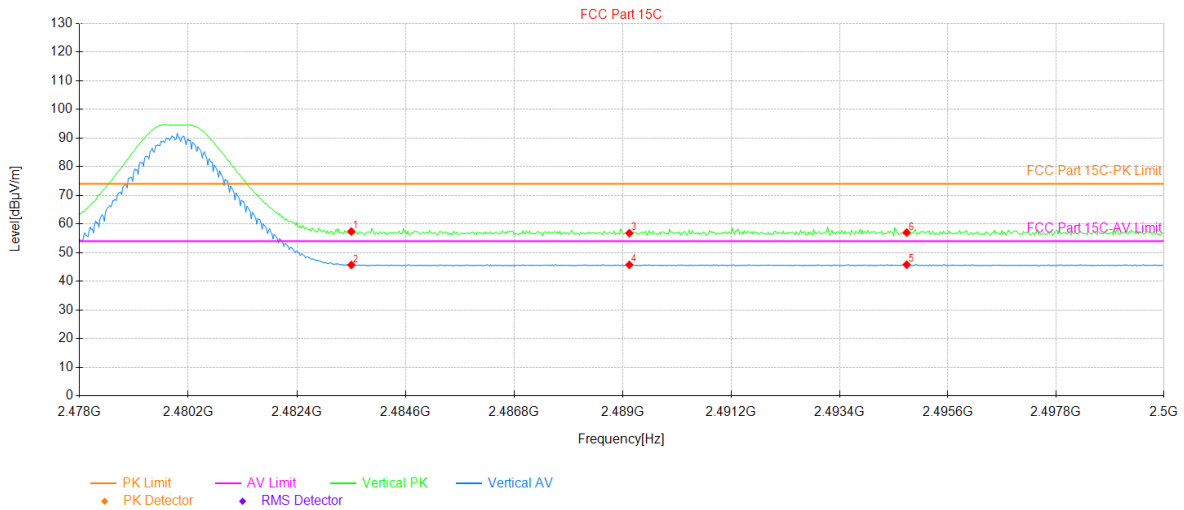


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2334.25	23.58	34.22	57.80	74.00	16.20	150	249	Horizont
2	2334.25	11.51	34.22	45.73	54.00	8.27	150	219	Horizont
3	2369.03	23.98	34.18	58.16	74.00	15.84	150	215	Horizont
4	2369.03	11.09	34.18	45.27	54.00	8.73	150	178	Horizont
5	2390.00	22.57	34.13	56.70	74.00	17.30	150	14	Horizont
6	2390.00	11.20	34.13	45.33	54.00	8.67	150	51	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		

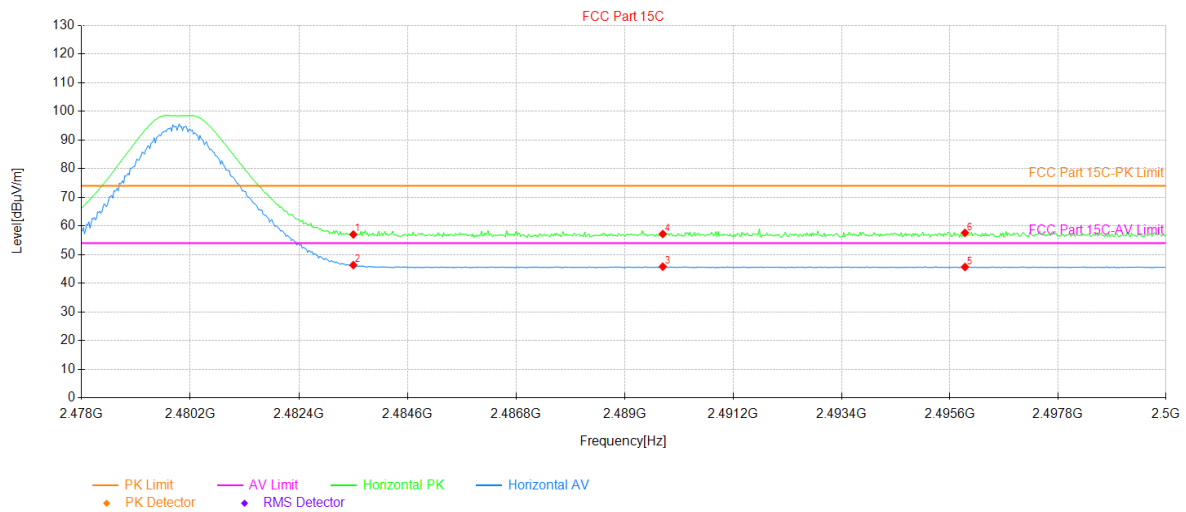


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.83	34.51	57.34	74.00	16.66	150	214	Vertical
2	2483.50	11.16	34.51	45.67	54.00	8.33	150	135	Vertical
3	2489.13	22.25	34.51	56.76	74.00	17.24	150	146	Vertical
4	2489.13	11.20	34.51	45.71	54.00	8.29	150	109	Vertical
5	2494.76	11.25	34.52	45.77	54.00	8.23	150	161	Vertical
6	2494.76	22.45	34.52	56.97	74.00	17.03	150	191	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

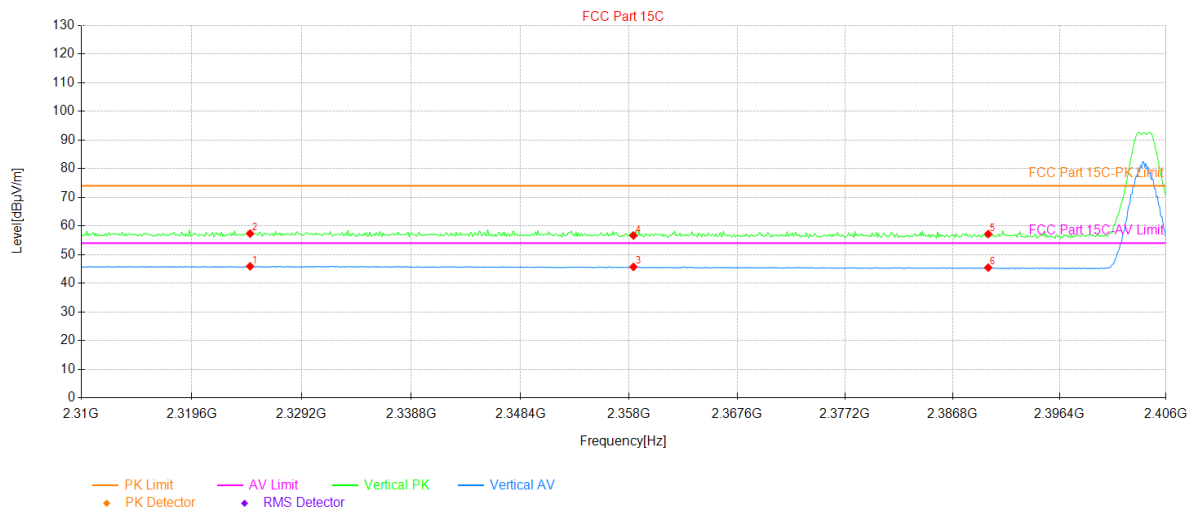


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.48	34.51	56.99	74.00	17.01	150	150	Horizont
2	2483.50	11.80	34.51	46.31	54.00	7.69	150	2	Horizont
3	2489.77	11.25	34.52	45.77	54.00	8.23	150	61	Horizont
4	2489.77	22.65	34.52	57.17	74.00	16.83	150	80	Horizont
5	2495.91	11.14	34.52	45.66	54.00	8.34	150	94	Horizont
6	2495.91	23.04	34.52	57.56	74.00	16.44	150	311	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		

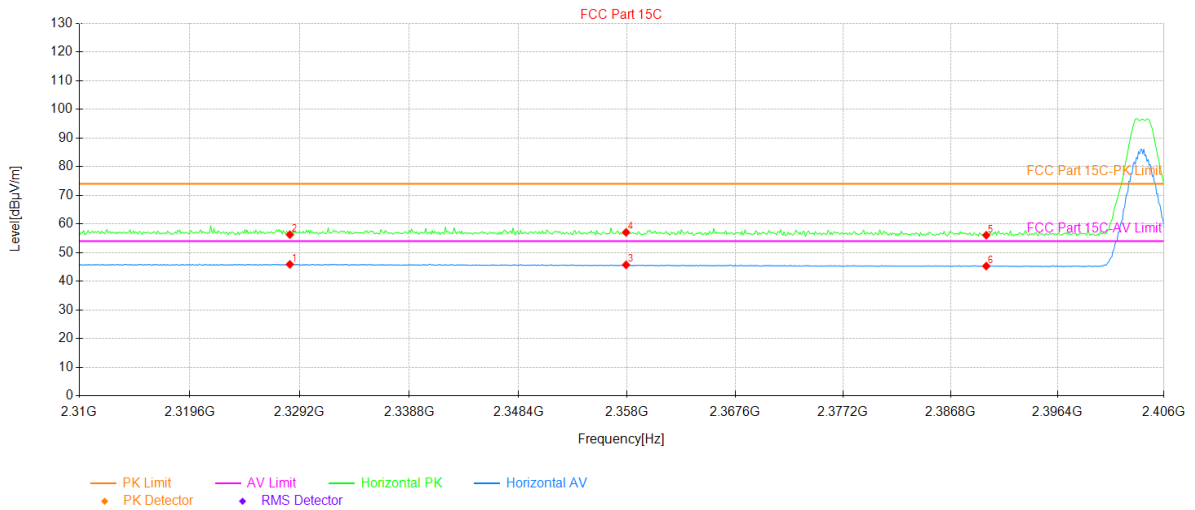


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2324.69	11.73	34.16	45.89	54.00	8.11	150	218	Vertical
2	2324.69	23.15	34.16	57.31	74.00	16.69	150	177	Vertical
3	2358.38	11.50	34.20	45.70	54.00	8.30	150	304	Vertical
4	2358.38	22.43	34.20	56.63	74.00	17.37	150	17	Vertical
5	2390.00	23.02	34.13	57.15	74.00	16.85	150	240	Vertical
6	2390.00	11.31	34.13	45.44	54.00	8.56	150	285	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

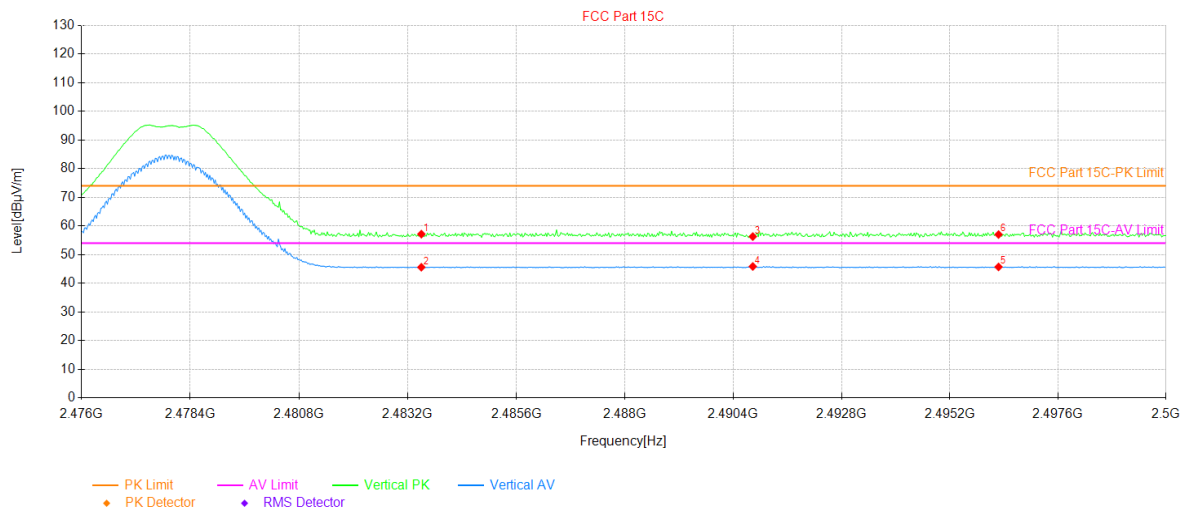


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2328.34	11.67	34.20	45.87	54.00	8.13	150	175	Horizont
2	2328.34	22.05	34.20	56.25	74.00	17.75	150	4	Horizont
3	2357.90	11.49	34.20	45.69	54.00	8.31	150	257	Horizont
4	2357.90	22.84	34.20	57.04	74.00	16.96	150	71	Horizont
5	2390.00	21.91	34.13	56.04	74.00	17.96	150	168	Horizont
6	2390.00	11.15	34.13	45.28	54.00	8.72	150	320	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



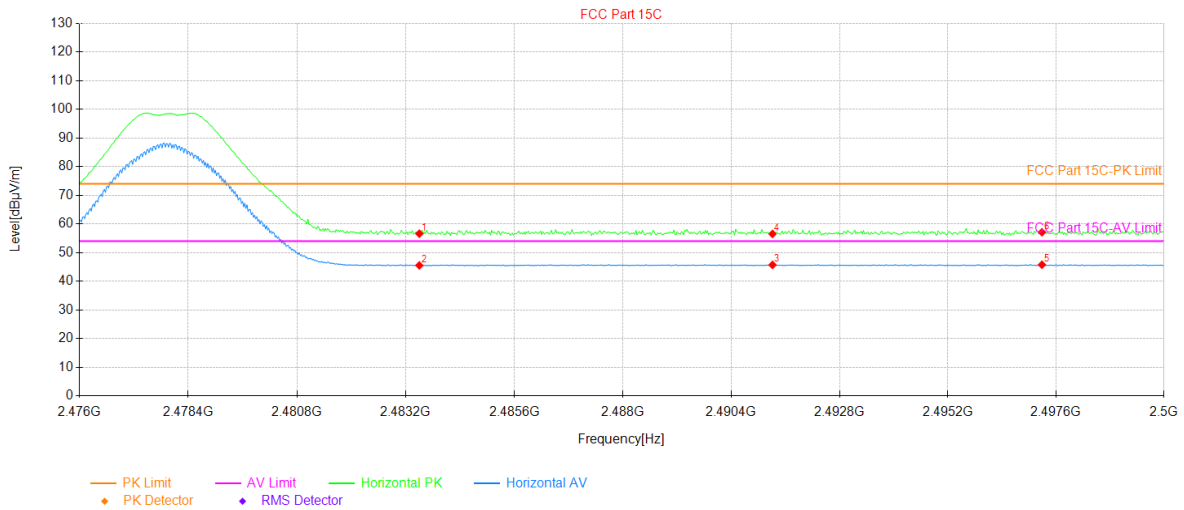
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.61	34.51	57.12	74.00	16.88	150	218	Vertical
2	2483.50	11.07	34.51	45.58	54.00	8.42	150	240	Vertical
3	2490.83	21.75	34.52	56.27	74.00	17.73	150	146	Vertical
4	2490.83	11.32	34.52	45.84	54.00	8.16	150	337	Vertical
5	2496.28	11.17	34.52	45.69	54.00	8.31	150	236	Vertical
6	2496.28	22.47	34.52	56.99	74.00	17.01	150	30	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

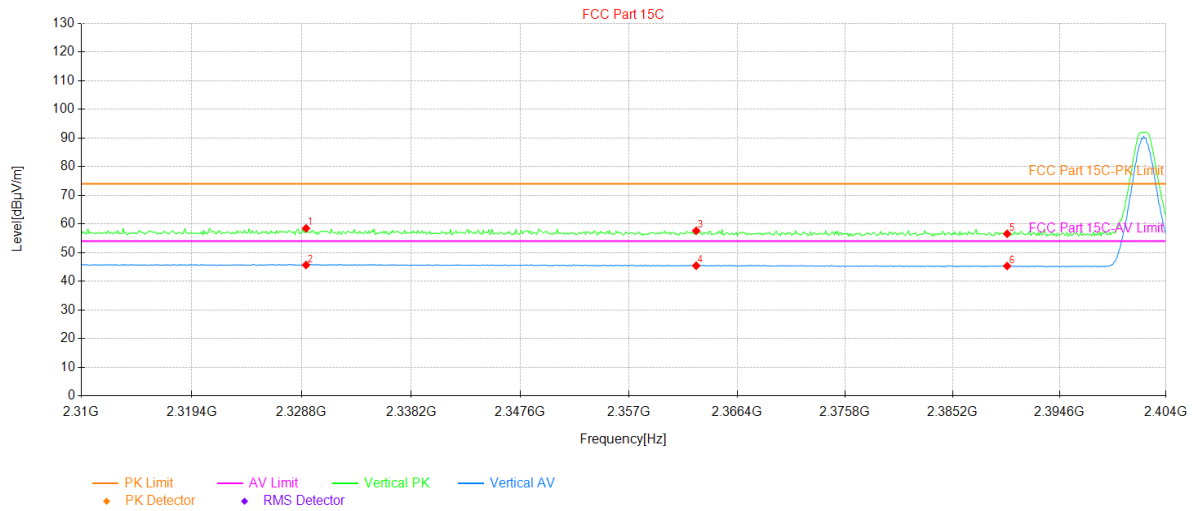


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.07	34.51	56.58	74.00	17.42	150	225	Horizont
2	2483.50	11.01	34.51	45.52	54.00	8.48	150	106	Horizont
3	2491.31	11.19	34.52	45.71	54.00	8.29	150	24	Horizont
4	2491.31	21.98	34.52	56.50	74.00	17.50	150	32	Horizont
5	2497.29	11.23	34.53	45.76	54.00	8.24	150	99	Horizont
6	2497.29	22.55	34.53	57.08	74.00	16.92	150	315	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

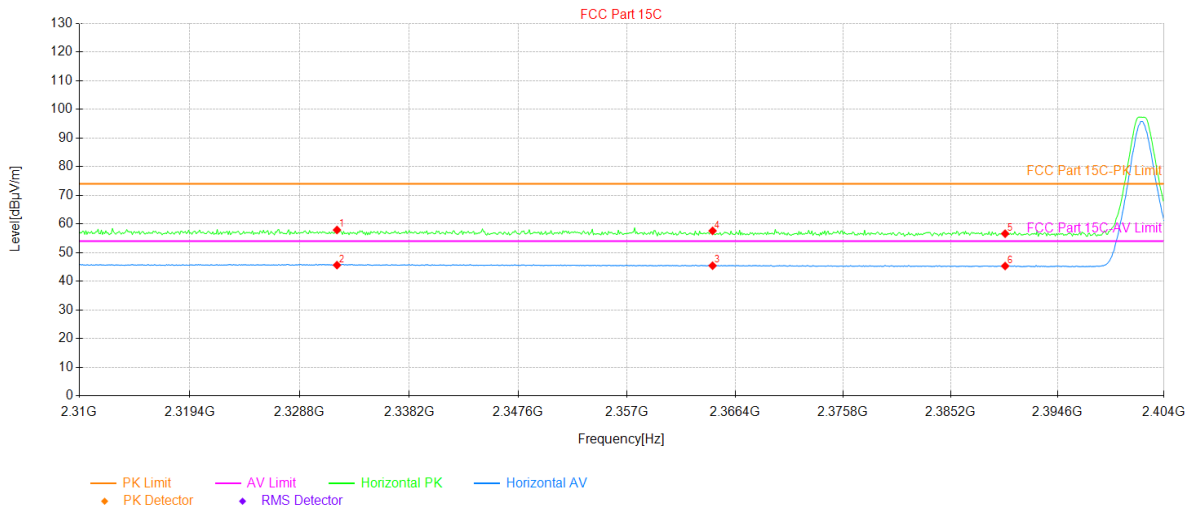
Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2329.18	24.23	34.21	58.44	74.00	15.56	150	238	Vertical
2	2329.18	11.45	34.21	45.66	54.00	8.34	150	174	Vertical
3	2362.83	23.40	34.19	57.59	74.00	16.41	150	360	Vertical
4	2362.83	11.22	34.19	45.41	54.00	8.59	150	275	Vertical
5	2390.00	22.41	34.13	56.54	74.00	17.46	150	360	Vertical
6	2390.00	11.17	34.13	45.30	54.00	8.70	150	327	Vertical

Remark:
 1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

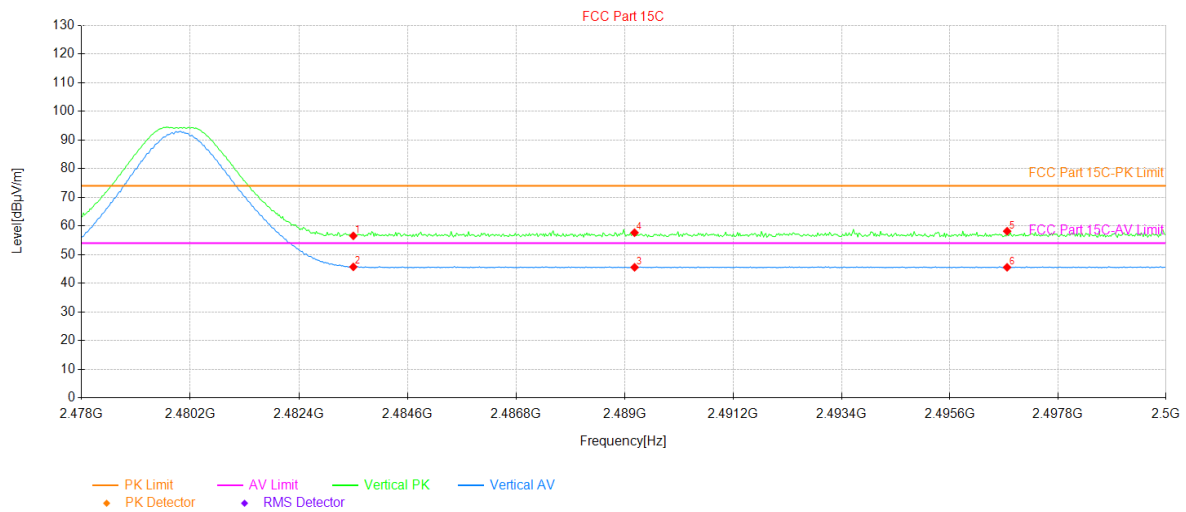


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2332.00	23.66	34.22	57.88	74.00	16.12	150	232	Horizont
2	2332.00	11.39	34.22	45.61	54.00	8.39	150	355	Horizont
3	2364.43	11.22	34.19	45.41	54.00	8.59	150	270	Horizont
4	2364.43	23.37	34.19	57.56	74.00	16.44	150	26	Horizont
5	2390.00	22.44	34.13	56.57	74.00	17.43	150	355	Horizont
6	2390.00	11.16	34.13	45.29	54.00	8.71	150	91	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



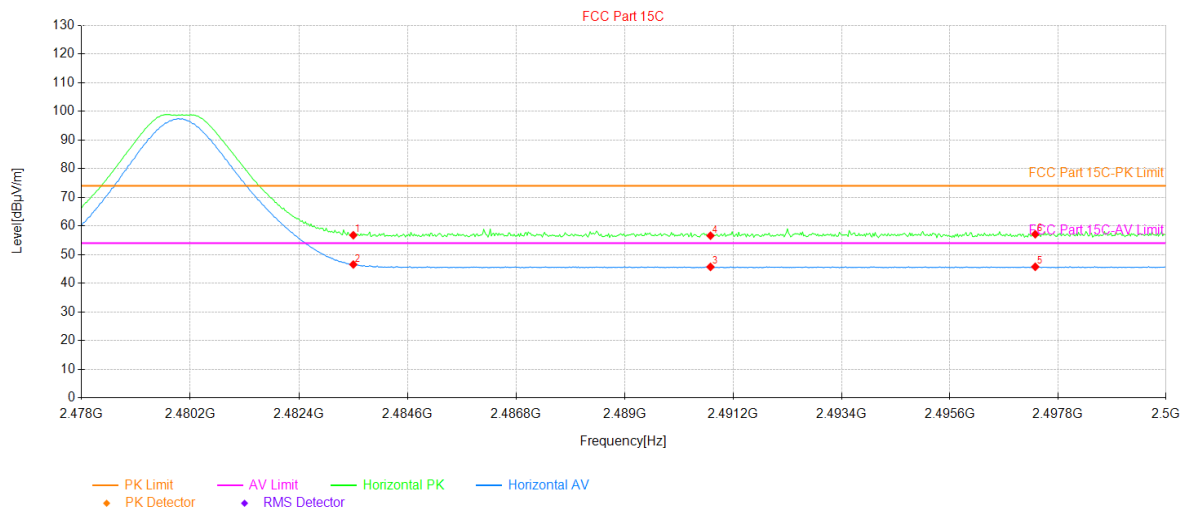
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.02	34.51	56.53	74.00	17.47	150	214	Vertical
2	2483.50	11.19	34.51	45.70	54.00	8.30	150	135	Vertical
3	2489.20	11.04	34.51	45.55	54.00	8.45	150	188	Vertical
4	2489.20	23.12	34.51	57.63	74.00	16.37	150	334	Vertical
5	2496.77	23.62	34.52	58.14	74.00	15.86	150	210	Vertical
6	2496.77	11.03	34.52	45.55	54.00	8.45	150	319	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

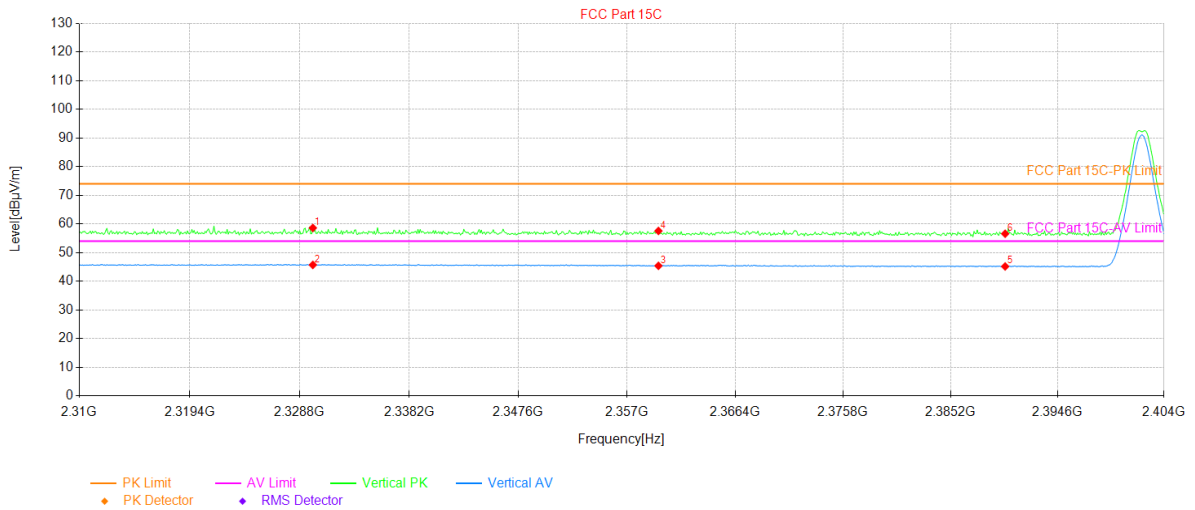


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.24	34.51	56.75	74.00	17.25	150	28	Horizont
2	2483.50	12.01	34.51	46.52	54.00	7.48	150	2	Horizont
3	2490.74	11.17	34.52	45.69	54.00	8.31	150	240	Horizont
4	2490.74	22.06	34.52	56.58	74.00	17.42	150	326	Horizont
5	2497.34	11.20	34.53	45.73	54.00	8.27	150	262	Horizont
6	2497.34	22.56	34.53	57.09	74.00	16.91	150	308	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		

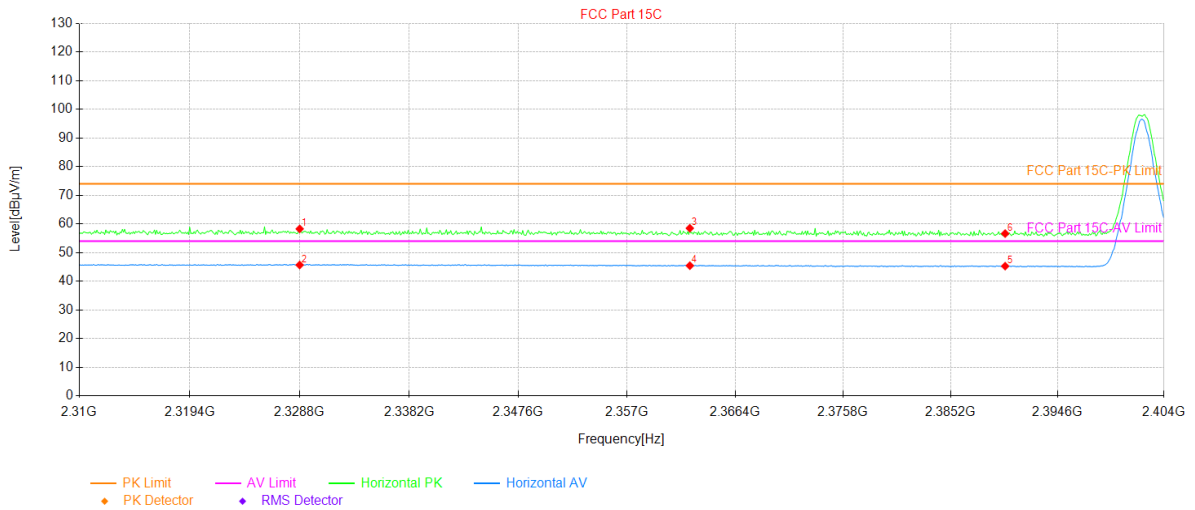


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2329.93	24.36	34.22	58.58	74.00	15.42	150	161	Vertical
2	2329.93	11.46	34.22	45.68	54.00	8.32	150	87	Vertical
3	2359.73	11.17	34.20	45.37	54.00	8.63	150	252	Vertical
4	2359.73	23.33	34.20	57.53	74.00	16.47	150	149	Vertical
5	2390.00	11.03	34.13	45.16	54.00	8.84	150	161	Vertical
6	2390.00	22.43	34.13	56.56	74.00	17.44	150	2	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

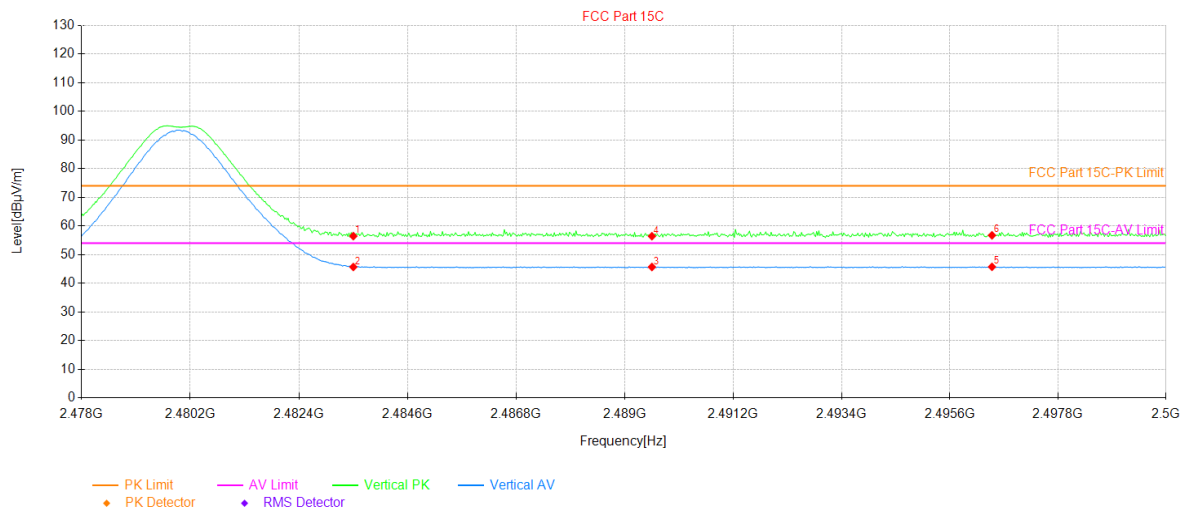


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2328.80	24.04	34.21	58.25	74.00	15.75	150	192	Horizont
2	2328.80	11.45	34.21	45.66	54.00	8.34	150	209	Horizont
3	2362.45	24.29	34.19	58.48	74.00	15.52	150	101	Horizont
4	2362.45	11.24	34.19	45.43	54.00	8.57	150	318	Horizont
5	2390.00	11.13	34.13	45.26	54.00	8.74	150	109	Horizont
6	2390.00	22.48	34.13	56.61	74.00	17.39	150	0	Horizont

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		

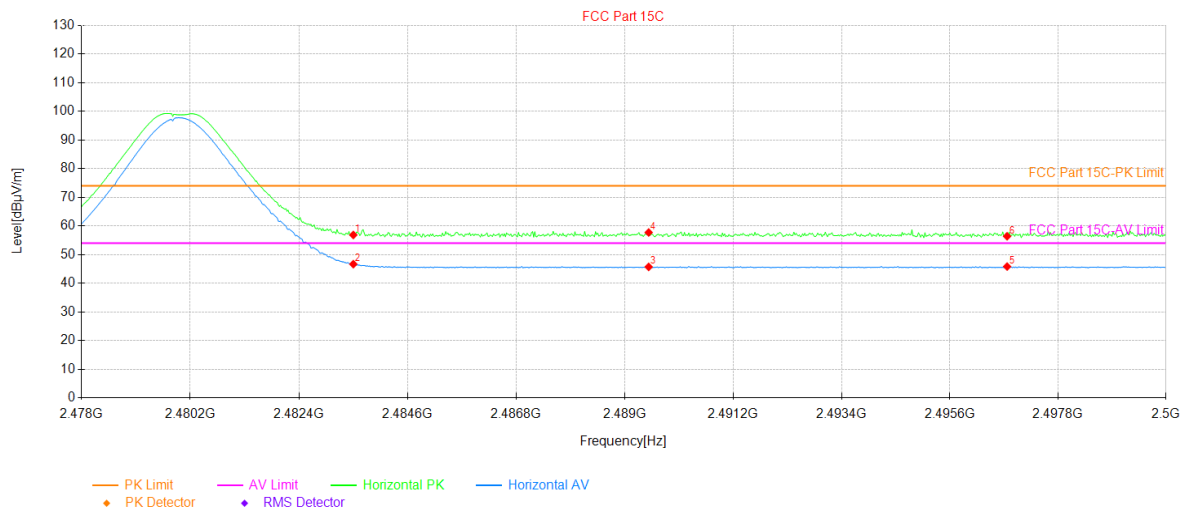


Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	21.93	34.51	56.44	74.00	17.56	150	116	Vertical
2	2483.50	11.14	34.51	45.65	54.00	8.35	150	131	Vertical
3	2489.55	11.14	34.52	45.66	54.00	8.34	150	228	Vertical
4	2489.55	21.87	34.52	56.39	74.00	17.61	150	172	Vertical
5	2496.46	11.20	34.52	45.72	54.00	8.28	150	288	Vertical
6	2496.46	22.19	34.52	56.71	74.00	17.29	150	68	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2483.50	22.32	34.51	56.83	74.00	17.17	150	9	Horizont
2	2483.50	12.14	34.51	46.65	54.00	7.35	150	9	Horizont
3	2489.48	11.17	34.52	45.69	54.00	8.31	150	162	Horizont
4	2489.48	23.18	34.52	57.70	74.00	16.30	150	12	Horizont
5	2496.77	11.29	34.52	45.81	54.00	8.19	150	252	Horizont
6	2496.77	21.86	34.52	56.38	74.00	17.62	150	192	Horizont

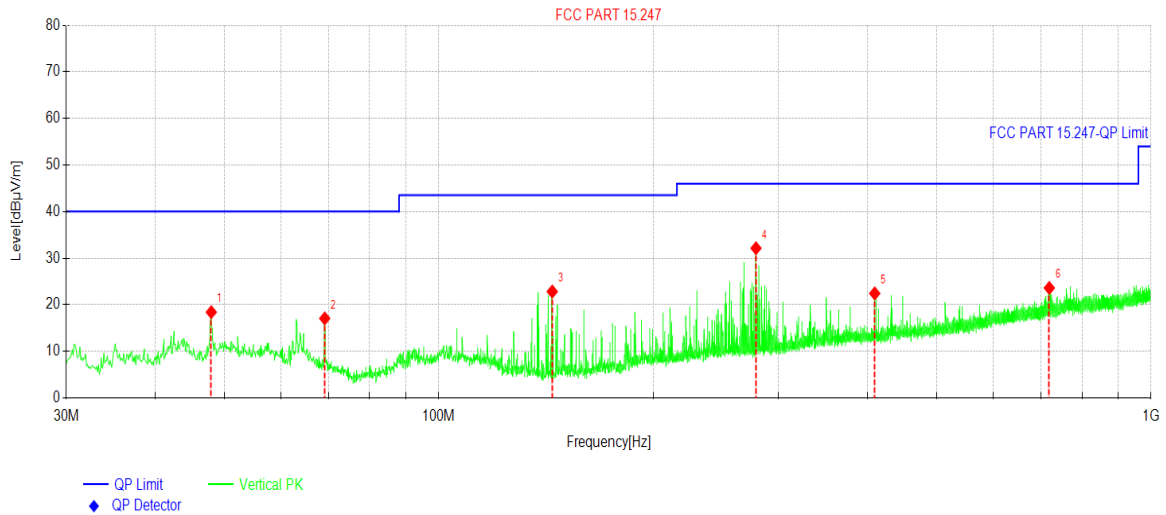
Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

5.5 Emissions in Non-restricted Frequency Bands

Below 1GHz:

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 3.87V		

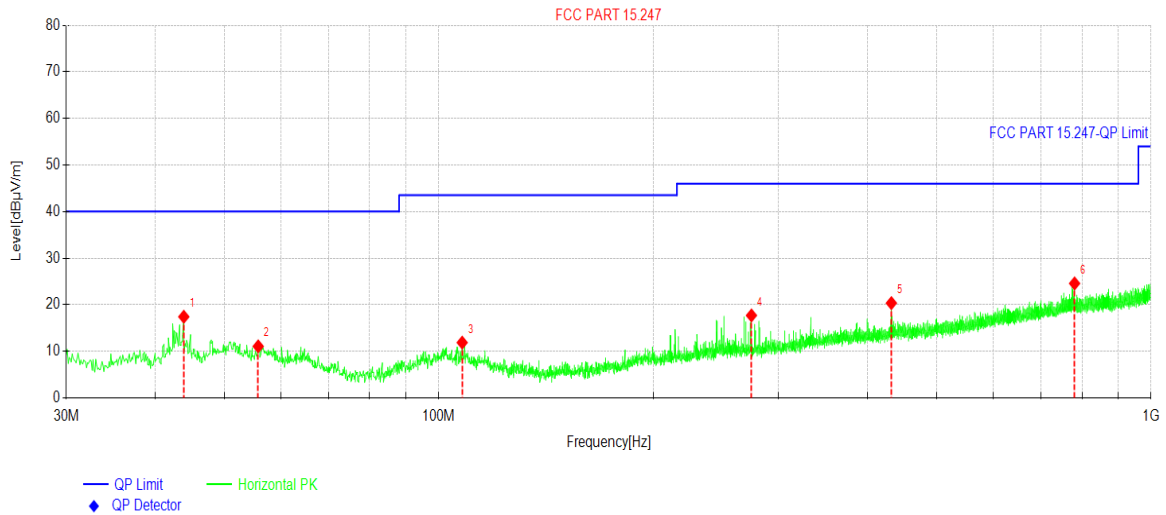


Suspected Data List								
NO.	Freq. [MHz]	Reading[dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	47.9468	31.10	18.40	-12.70	40.00	21.60	PK	Vertical
2	69.1919	33.81	17.06	-16.75	40.00	22.94	PK	Vertical
3	144.374	41.02	22.83	-18.19	43.50	20.67	PK	Vertical
4	278.926	45.40	32.13	-13.27	46.00	13.87	PK	Vertical
5	409.404	32.78	22.43	-10.35	46.00	23.57	PK	Vertical
6	719.836	28.24	23.60	-4.64	46.00	22.40	PK	Vertical

Remark:

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

Product Name:	Mobile Phone	Product Model:	X6837
Test By:	Lucas	Test mode:	BLE Tx (LE 1M PHY)
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List								
NO.	Freq. [MHz]	Reading[d BµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	43.8724	30.44	17.42	-13.02	40.00	22.58	PK	Horizontal
2	55.8046	24.12	11.06	-13.06	40.00	28.94	PK	Horizontal
3	107.898	26.49	11.87	-14.62	43.50	31.63	PK	Horizontal
4	274.852	31.02	17.70	-13.32	46.00	28.30	PK	Horizontal
5	432.008	30.22	20.35	-9.87	46.00	25.65	PK	Horizontal
6	781.146	28.39	24.57	-3.82	46.00	21.43	PK	Horizontal

Remark:

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

Above 1GHz:

BLE Tx (LE 1M PHY)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.62	-7.66	47.96	74.00	26.04	Vertical
4804.00	57.59	-7.66	49.93	74.00	24.07	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	46.69	-7.66	39.03	54.00	14.97	Vertical
4804.00	47.21	-7.66	39.55	54.00	14.45	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	56.00	-7.77	48.23	74.00	25.77	Vertical
4884.00	57.15	-7.77	49.38	74.00	24.62	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	46.66	-7.77	38.89	54.00	15.11	Vertical
4884.00	47.27	-7.77	39.50	54.00	14.50	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.37	-7.82	48.55	74.00	25.45	Vertical
4960.00	56.76	-7.82	48.94	74.00	25.06	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	46.59	-7.82	38.77	54.00	15.23	Vertical
4960.00	47.35	-7.82	39.53	54.00	14.47	Horizontal

Remark:

- Level = Reading + Factor.
- Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

BLE Tx (LE 2M PHY)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.27	-7.66	47.61	74.00	26.39	Vertical
4804.00	57.66	-7.66	50.00	74.00	24.00	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	46.43	-7.66	38.77	54.00	15.23	Vertical
4804.00	47.36	-7.66	39.70	54.00	14.30	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	56.23	-7.77	48.46	74.00	25.54	Vertical
4884.00	56.71	-7.77	48.94	74.00	25.06	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	46.96	-7.77	39.19	54.00	14.81	Vertical
4884.00	47.28	-7.77	39.51	54.00	14.49	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.46	-7.82	48.64	74.00	25.36	Vertical
4960.00	56.74	-7.82	48.92	74.00	25.08	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	46.14	-7.82	38.32	54.00	15.68	Vertical
4960.00	47.05	-7.82	39.23	54.00	14.77	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

BEL Tx (LE Coded PHY, S=2)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.23	-7.66	47.57	74.00	26.43	Vertical
4804.00	58.07	-7.66	50.41	74.00	23.59	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	46.61	-7.66	38.95	54.00	15.05	Vertical
4804.00	47.25	-7.66	39.59	54.00	14.41	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	56.25	-7.77	48.48	74.00	25.52	Vertical
4884.00	57.56	-7.77	49.79	74.00	24.21	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	46.63	-7.77	38.86	54.00	15.14	Vertical
4884.00	47.52	-7.77	39.75	54.00	14.25	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	55.94	-7.82	48.12	74.00	25.88	Vertical
4960.00	56.42	-7.82	48.60	74.00	25.40	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	46.34	-7.82	38.52	54.00	15.48	Vertical
4960.00	47.02	-7.82	39.20	54.00	14.80	Horizontal
Remark:						
1. <i>Level = Reading + Factor.</i>						
2. <i>Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.</i>						

BEL Tx (LE Coded PHY, S=8)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.08	-7.66	47.42	74.00	26.58	Vertical
4804.00	58.03	-7.66	50.37	74.00	23.63	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	46.96	-7.66	39.30	54.00	14.70	Vertical
4804.00	47.02	-7.66	39.36	54.00	14.64	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	56.08	-7.77	48.31	74.00	25.69	Vertical
4884.00	57.11	-7.77	49.34	74.00	24.66	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	46.34	-7.77	38.57	54.00	15.43	Vertical
4884.00	47.38	-7.77	39.61	54.00	14.39	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.21	-7.82	48.39	74.00	25.61	Vertical
4960.00	56.64	-7.82	48.82	74.00	25.18	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	46.33	-7.82	38.51	54.00	15.49	Vertical
4960.00	47.45	-7.82	39.63	54.00	14.37	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

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