RF Test Report

(Bluetooth)

Report No.:	JYTSZ-R12-2600341
Applicant:	SWAGTEK
Address of Applicant:	12415 SW 136th Avenue STE6, Miami, FLORIDA 33186, USA

Equipment Under Test (EUT)

Product Name:	4G TABLET
Model No.:	L-PAD, UT10, LEPAD LITE
Trade Mark:	LOGIC, UNONU, iSWAG
FCC ID:	O55101426
Applicable Standards:	FCC CFR Title 47 Part 15C (§15.247)
Date of Sample Receipt:	23 Apr., 2026
Date of Test:	24 Apr., to 03 Jun., 2026
Date of Report Issued:	04 Jun., 2026
Test Result:	PASS

Project by:	Robin Gu	***Date:***	*04 Jun., 2026*
	Project Engineer		
Reviewed by:	Vicky Zhang	***Date:***	*04 Jun., 2026*
	Senior Engineer		
Approved by:	Janet Wei	***Date:***	*04 Jun., 2026*
	Manager		

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.

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1 Version

Version No.	Date	Description
00	*04 Jun., 2026*	*Original*

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3 General Information

3.1 Client Information

Applicant:	SWAGTEK
Address:	12415 SW 136th Avenue STE6, Miami, FLORIDA 33186, USA
Manufacturer:	SWAGTEK
Address:	12415 SW 136th Avenue STE6, Miami, FLORIDA 33186, USA
Factory:	SWAGTEK
Address:	12415 SW 136th Avenue STE6, Miami, FLORIDA 33186, USA

3.2 General Description of E.U.T.

Product Name:	4G TABLET
Model No.:	L-PAD, UT10, LEPAD LITE
Operation Frequency:	2402 MHz - 2480 MHz
Transfer Rate:	1/2/3 Mbits/s
Number of Channel:	79
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK
Modulation Technology:	FHSS
Antenna Type:	Internal Antenna
Antenna Gain:	0.01 dBi (declare by applicant)
Antenna transmit mode:	SISO (1TX, 1RX)
Power Supply:	Rechargeable Li-ion Battery DC3.8V, 5000mAh
AC Adapter:	Model: JKX-052000A Input: AC100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.
Remark:	L-PAD, UT10, LEPAD LITE were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name.

3.3 Disclaimer

Disclaimer:
For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information.

3.4 Test Mode and Test Environment

Test Modes:	
Non-hopping mode:	Keep the EUT in continuous transmitting mode.
Hopping mode:	Keep the EUT in hopping mode.
Remark: *1. For AC power line conducted emission and radiated spurious emission, pre-scan GFSK, π/4-DQPSK, 8DPSK modulation mode, found GFSK modulation and lowest channel was worse case mode.* *2. For DH1, DH2, DH3, found DH1 was worse case mode.* *3. 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.* *4. During the test, the mobile phone dial interface is used to enter the EUT engineering mode, and the prototype transmission power level is 7.* *5. The report only reflects the test data of worst mode.*	
Operating Environment:	
Temperature:	15℃ ~ 35℃
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.80Vdc, Extreme: Low 3.23Vdc, High 4.37Vdc
Test Engineer:	Hopper Li(Conducted measurement) Reiy Ren(Radiated measurement)

3.5 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Occupied Channel Bandwidth	0.114 MHz
RF output power, conducted	0.70 dB
Power Spectral Density, conducted	0.70 dB
Unwanted Emissions, conducted	2.76 dB
Conducted Emission for LISN (9kHz ~ 150kHz)	3.0 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	2.5 dB
Radiated Emission (9kHz ~ 30MHz) (3m SAC)	2.1 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	4.7 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	5.8 dB
Radiated Emission (30MHz ~ 1000MHz) (10m SAC)	4.3 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	4.10 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.28 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.18 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.*	

3.7 Additions to, Deviations, or Exclusions From the Method

No

3.8 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

3.9 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

3.10 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	12-09-2025	12-08-2030
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	12-07-2025	12-06-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	08-09-2025	08-08-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-04-2025	12-03-2026
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-04-2025	12-03-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	08-08-2025	08-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-14-2026	01-13-2027
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-14-2026	01-13-2027
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-14-2026	01-13-2027
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
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	04-13-2026	04-12-2027
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	05-23-2025	05-22-2026
				04-30-2026	04-29-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	03-30-2026	03-29-2027
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	03-30-2026	03-29-2027
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	04-13-2026	04-12-2027
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-28-2025	07-27-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-28-2025	07-27-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-28-2025	07-27-2026
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	05-08-2025	05-07-2026
				04-29-2026	04-28-2027
LISN	Rohde & Schwarz	ENV432	WXJ005-2	08-08-2025	08-07-2026
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	12-08-2025	12-07-2026
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	12-04-2025	12-03-2026
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	01-14-2026	01-13-2027
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	08-08-2025	08-07-2026
Temperature Humidity Chamber	ZHONG ZHI	CZ-A-80D	WXJ032-3	12-17-2024	12-16-2026
Power Detector Box	MWRFTEST	MW100-PSB	WXJ007-4	08-08-2025	08-07-2026
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	
RF Control Unit	MWRFTEST	MW100-RFCB	WXG006	N/A	
Test Software	MWRFTEST	MTS 8310	Version: 2.0.0.0		

4 Measurement Setup and Procedure

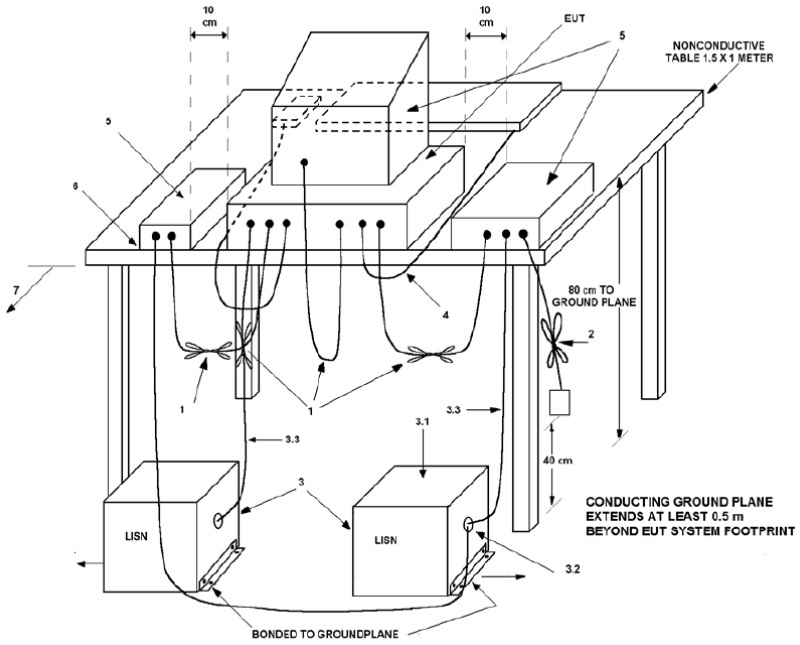
4.1 Test Channel

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 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	39	2441	78	2480

4.2 Test Setup

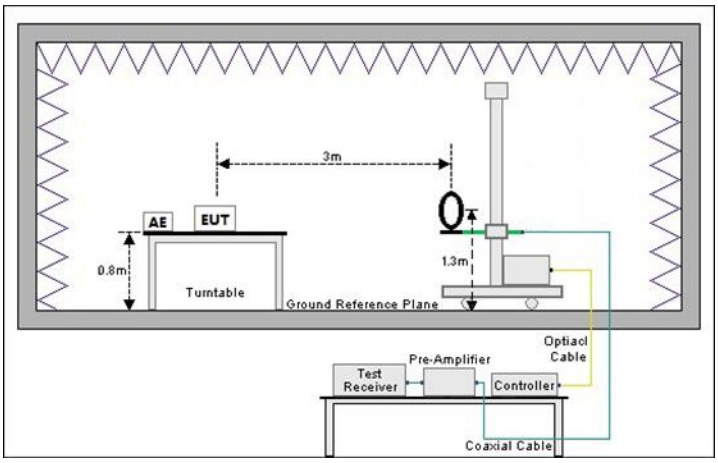
1) Conducted emission measurement:



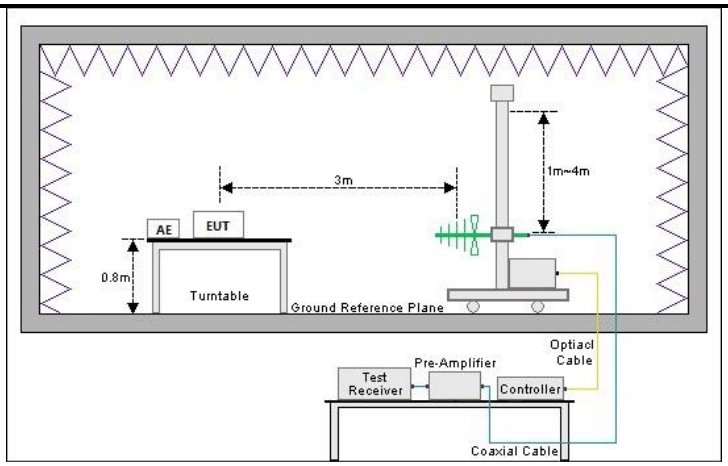
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

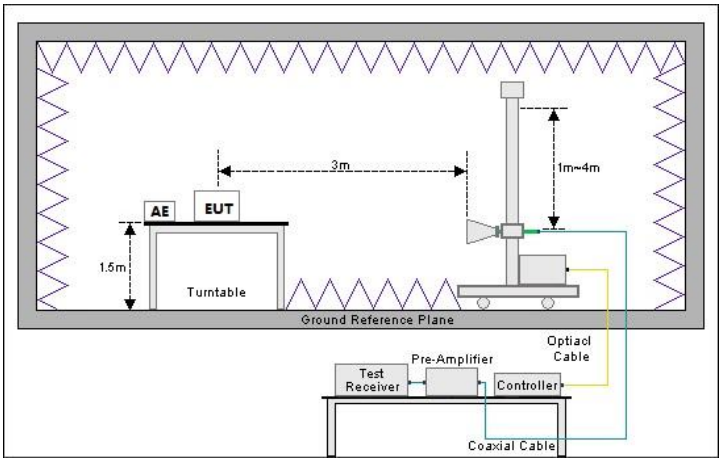
Below 30MHz (3m SAC)



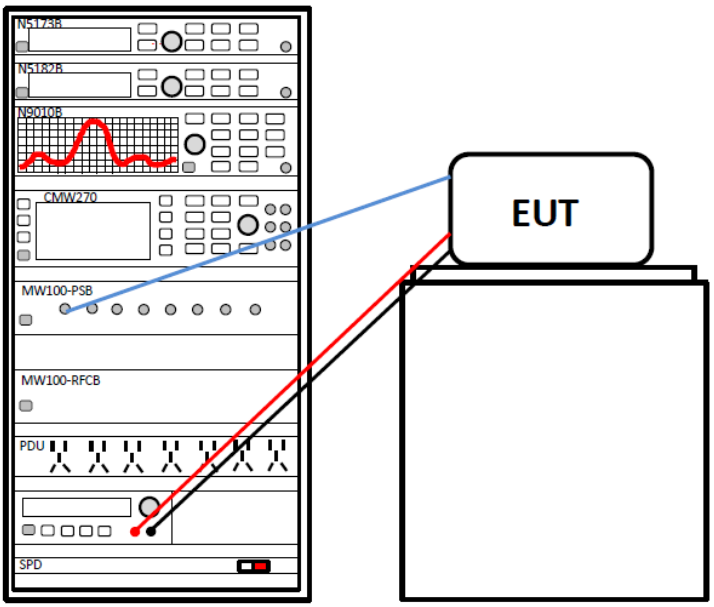
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



3) Conducted test method



4.3 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	**For below 30MHz:** 1. The EUT was placed on the table top 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 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. **For below 1GHz:** 4. 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. 5. 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. 6. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. **For above 1GHz:** 1. 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. 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 Bluetooth antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. 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 Method	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	/	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	ANSI C63.10 clause 6.2	See Section 5.3	Pass
Conducted Output Power	15.247 (b)(1)	ANSI C63.10 clause 7.8.5	Appendix A– BT	Pass
20dB Occupied Bandwidth	15.247 (a)(1)	ANSI C63.10 clause 6.9.2, and clause 6.9.3	Appendix A– BT	Pass
Carrier Frequencies Separation	15.247 (a)(1)	ANSI C63.10 clause 7.8.2	Appendix A– BT	Pass
Hopping Channel Number	15.247 (a)(1)(iii)	ANSI C63.10 clause 7.8.3	Appendix A– BT	Pass
Dwell Time	15.247 (a)(1)(iii)	ANSI C63.10 clause 7.8.4	Appendix A– BT	Pass
Band-edge Emission Conduction Spurious Emission	15.247 (d)	ANSI C63.10 clause 6.10.4	Appendix A– BT	Pass
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	ANSI C63.10 clause 6.10.5 and 4.1.5.2.6	See Section 5.4	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	ANSI C63.10 clause 6.3, 6.5 and 6.6	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 C63.10-2020* *KDB 558074 D01 15.247 Meas Guidance v05r02*

5.1.2 Test Limit

<table>
<tr><th>Test items</th><th>Limit</th></tr>
<tr><td>AC Power Line Conducted Emission</td><td>
<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.
Note 2: The more stringent limit applies at transition frequencies.</td></tr>
</table>
</td></tr>
<tr><td>Conducted Output Power</td><td>For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.</td></tr>
<tr><td>20dB Occupied Bandwidth</td><td>Within authorization band</td></tr>
<tr><td>Carrier Frequencies Separation</td><td>a) 0.025MHz or the 20dB bandwidth (whichever is greater).
b) 0.025MHz or two-thirds of the 20dB bandwidth (whichever is greater).</td></tr>
<tr><td>Hopping Channel Number</td><td>At least 15 channels.</td></tr>
<tr><td>Dwell Time</td><td>Not be greater than 0.4 seconds.</td></tr>
<tr><td>Band-edge Emission

Conduction Spurious Emission</td><td>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)).</td></tr>
<tr><td>Emissions in Restricted Frequency Bands

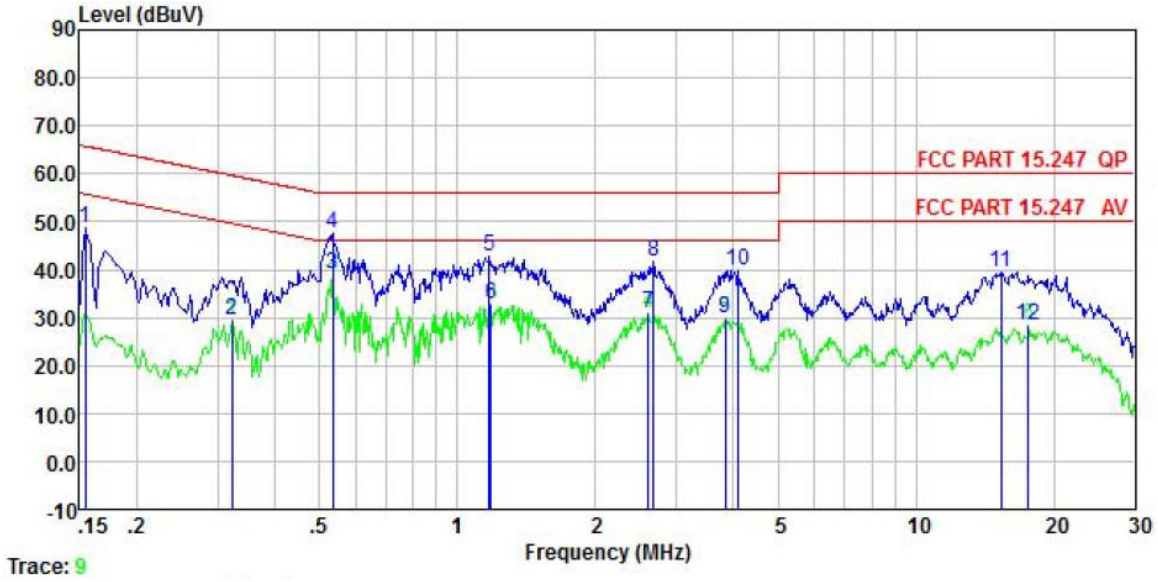
Emissions in Non-restricted Frequency Bands</td><td>
<table>
<tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV/m)</th><th rowspan="2">Detector</th></tr>
<tr><th>@ 3m</th><th>@ 10m</th></tr>
<tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr>
<tr><td>88 – 216</td><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>
<tr><td colspan="4">Note: The more stringent limit applies at transition frequencies.</td></tr>
<tr><th rowspan="2">Frequency</th><th colspan="3">Limit (dBµV/m) @ 3m</th></tr>
<tr><th colspan="2">Average</th><th>Peake</th></tr>
<tr><td>Above 1 GHz</td><td colspan="2">54.0</td><td>74.0</td></tr>
<tr><td colspan="4">Note: The measurement bandwidth shall be 1 MHz or greater.</td></tr>
</table>
</td></tr>
</table>

5.2 Antenna Requirement

Standard requirement:	FCC Part 15 C Section 15.203 & 247(b)
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. 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.	
E.U.T Antenna:	
The Bluetooth antenna is an Internal antenna which permanently attached, and the best case gain of the antenna is 0.01 dBi. See product internal photos for details.	

5.3 AC Power Line Conducted Emission

Product name:	4G TABLET	Product model:	L-PAD
Test by:	Kiran Zeng	Test mode:	DH1 Tx mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test Channel:	Lowest channel	Test voltage:	AC 120 V/60 Hz

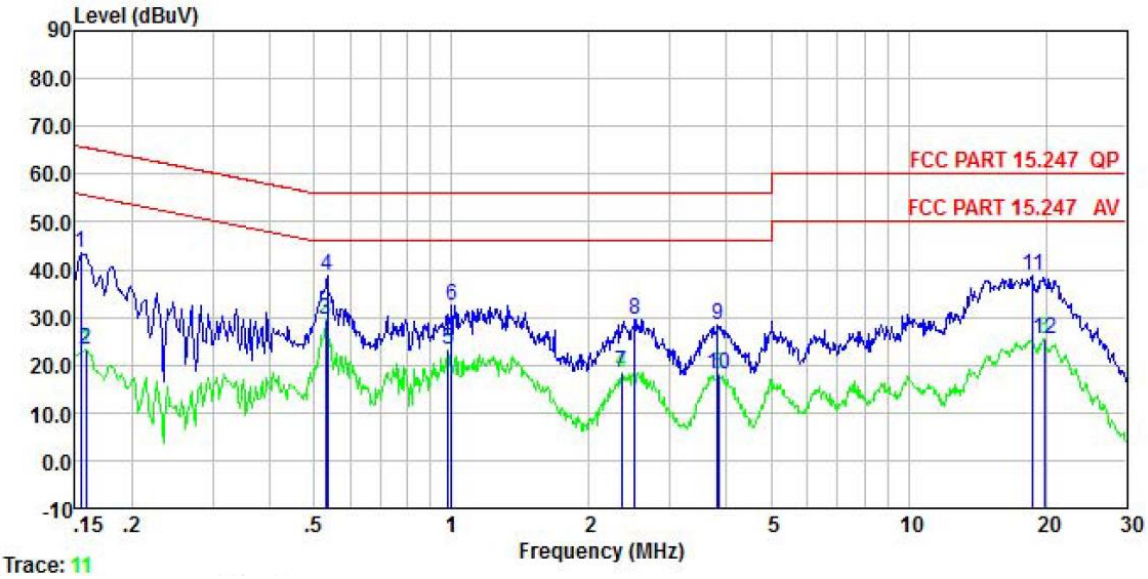


	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	28.66	10.19	0.00	9.88	0.00	48.73	65.78	-17.05	QP
2	0.322	9.46	10.10	0.00	9.88	0.00	29.44	49.66	-20.22	Average
3	0.535	19.16	10.17	0.00	9.88	0.00	39.21	46.00	-6.79	Average
4	0.535	27.47	10.17	0.00	9.88	0.00	47.52	56.00	-8.48	QP
5	1.172	22.61	10.18	0.00	9.88	0.00	42.67	56.00	-13.33	QP
6	1.184	12.79	10.18	0.00	9.88	0.00	32.85	46.00	-13.15	Average
7	2.608	10.72	10.23	0.00	9.88	0.00	30.83	46.00	-15.17	Average
8	2.678	21.37	10.24	0.00	9.88	0.00	41.49	56.00	-14.51	QP
9	3.840	9.66	10.13	0.00	9.89	0.00	29.68	46.00	-16.32	Average
10	4.092	19.79	10.11	0.00	9.89	0.00	39.79	56.00	-16.21	QP
11	15.307	18.86	10.78	0.00	9.93	0.00	39.57	60.00	-20.43	QP
12	17.568	8.02	10.58	0.00	9.95	0.00	28.55	50.00	-21.45	Average

Remark:

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

Product name:	4G TABLET	Product model:	L-PAD
Test by:	Kiran Zeng	Test mode:	DH1 Tx mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test Channel:	Lowest channel	Test voltage:	AC 120 V/60 Hz



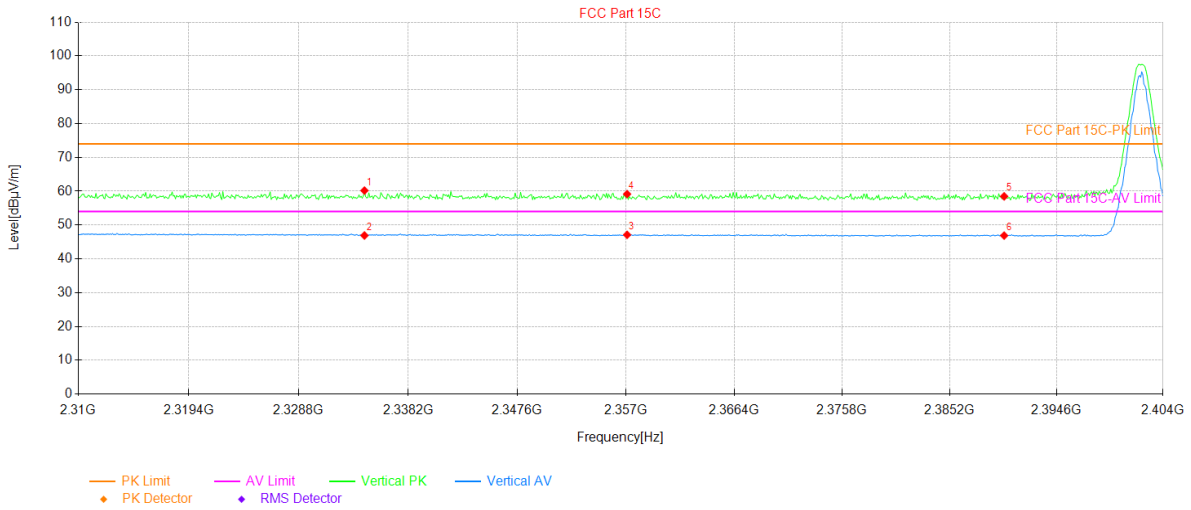
	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	23.25	10.20	0.00	9.88	0.00	43.33	65.78	-22.45	QP
2	0.158	3.30	10.20	0.00	9.88	0.00	23.38	55.56	-32.18	Average
3	0.529	9.32	10.24	0.00	9.88	0.00	29.44	46.00	-16.56	Average
4	0.535	18.56	10.24	0.00	9.88	0.00	38.68	56.00	-17.32	QP
5	0.984	2.96	10.21	0.00	9.88	0.00	23.05	46.00	-22.95	Average
6	1.000	12.35	10.20	0.00	9.88	0.00	32.43	56.00	-23.57	QP
7	2.358	-1.83	10.26	0.00	9.88	0.00	18.31	46.00	-27.69	Average
8	2.513	9.30	10.24	0.00	9.88	0.00	29.42	56.00	-26.58	QP
9	3.820	8.21	10.20	0.00	9.89	0.00	28.30	56.00	-27.70	QP
10	3.840	-2.05	10.20	0.00	9.89	0.00	18.04	46.00	-27.96	Average
11	18.721	18.30	10.60	0.00	9.95	0.00	38.85	60.00	-21.15	QP
12	19.845	5.01	10.60	0.00	9.96	0.00	25.57	50.00	-24.43	Average

Remark:

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

5.4 Emissions in Restricted Frequency Bands

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	DH1 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		



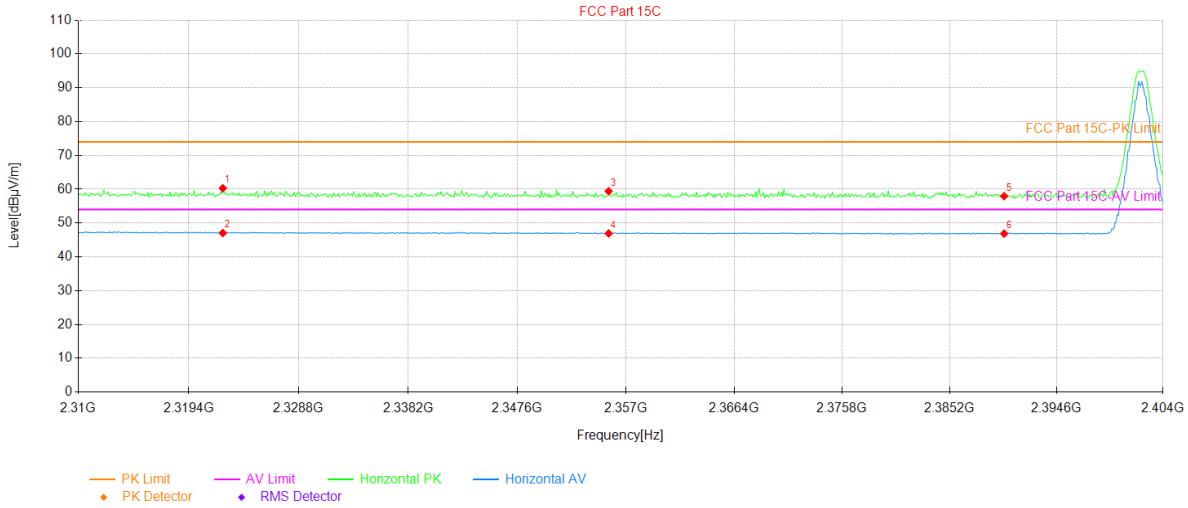
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2334.44	24.17	36.02	60.19	74.00	13.81	4	PK	PASS	Vertical
2	2334.44	10.89	36.02	46.91	54.00	7.09	275	AV	PASS	Vertical
3	2357.09	11.02	36.09	47.11	54.00	6.89	136	AV	PASS	Vertical
4	2357.09	23.06	36.09	59.15	74.00	14.85	327	PK	PASS	Vertical
5	2390.00	22.29	36.19	58.48	74.00	15.52	358	PK	PASS	Vertical
6	2390.00	10.69	36.19	46.88	54.00	7.12	117	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	DH1 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



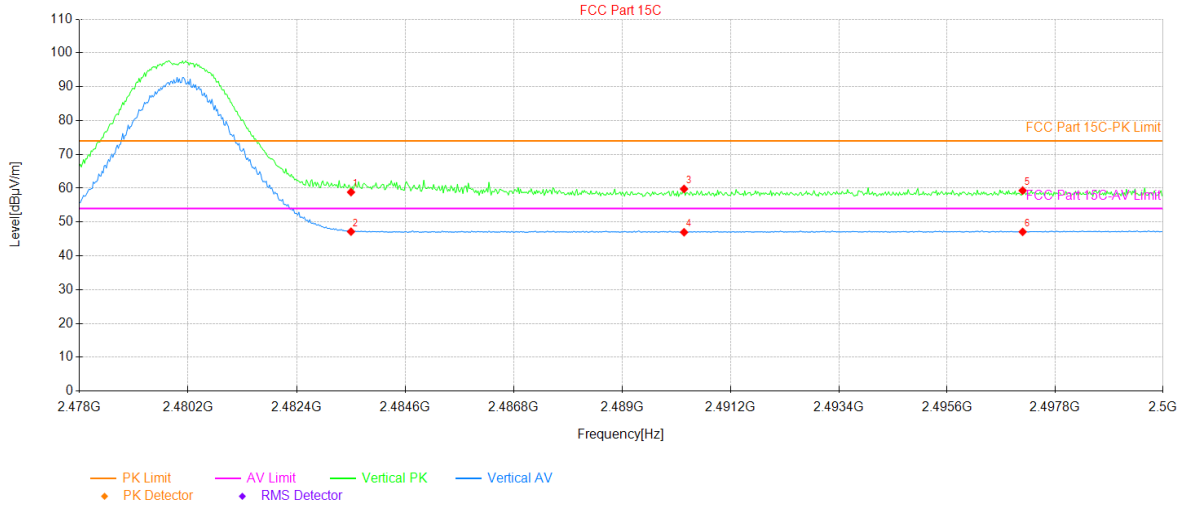
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2322.31	24.27	36.02	60.29	74.00	13.71	314	PK	PASS	Horizontal
2	2322.31	11.02	36.02	47.04	54.00	6.96	163	AV	PASS	Horizontal
3	2355.50	23.33	36.09	59.42	74.00	14.58	81	PK	PASS	Horizontal
4	2355.50	10.83	36.09	46.92	54.00	7.08	0	AV	PASS	Horizontal
5	2390.00	21.75	36.19	57.94	74.00	16.06	156	PK	PASS	Horizontal
6	2390.00	10.68	36.19	46.87	54.00	7.13	62	AV	PASS	Horizontal

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		



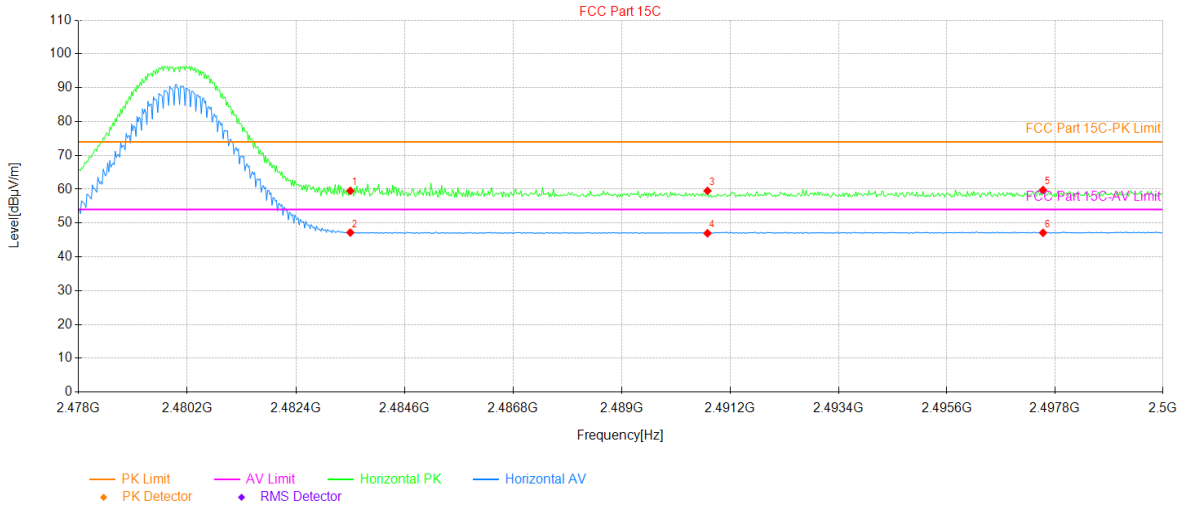
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.59	36.24	58.83	74.00	15.17	274	PK	PASS	Vertical
2	2483.50	10.92	36.24	47.16	54.00	6.84	193	AV	PASS	Vertical
3	2490.25	23.48	36.30	59.78	74.00	14.22	202	PK	PASS	Vertical
4	2490.25	10.68	36.30	46.98	54.00	7.02	140	AV	PASS	Vertical
5	2497.14	22.95	36.36	59.31	74.00	14.69	266	PK	PASS	Vertical
6	2497.14	10.73	36.36	47.09	54.00	6.91	132	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



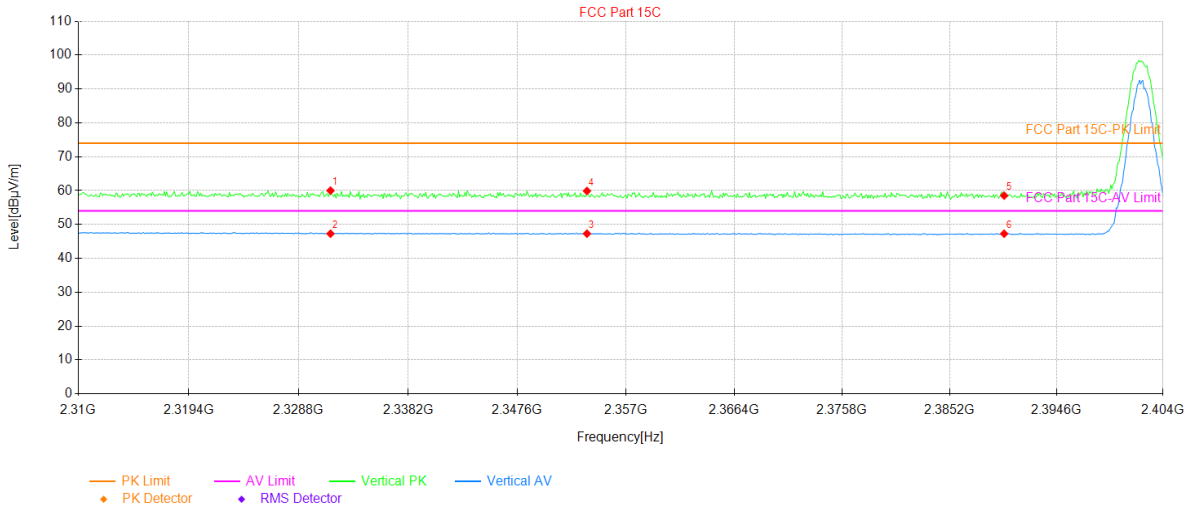
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.26	36.24	59.50	74.00	14.50	101	PK	PASS	Horizontal
2	2483.50	10.95	36.24	47.19	54.00	6.81	119	AV	PASS	Horizontal
3	2490.74	23.22	36.30	59.52	74.00	14.48	126	PK	PASS	Horizontal
4	2490.74	10.67	36.30	46.97	54.00	7.03	90	AV	PASS	Horizontal
5	2497.56	23.41	36.36	59.77	74.00	14.23	42	PK	PASS	Horizontal
6	2497.56	10.75	36.36	47.11	54.00	6.89	264	AV	PASS	Horizontal

Remark:

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

π/4-DQPSK mode

Product Name:	4G TABLET	**Product model:**	L-PAD
Test By:	Reiy Ren	**Test mode:**	2DH1 Tx mode
Test Channel:	Lowest channel	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz		



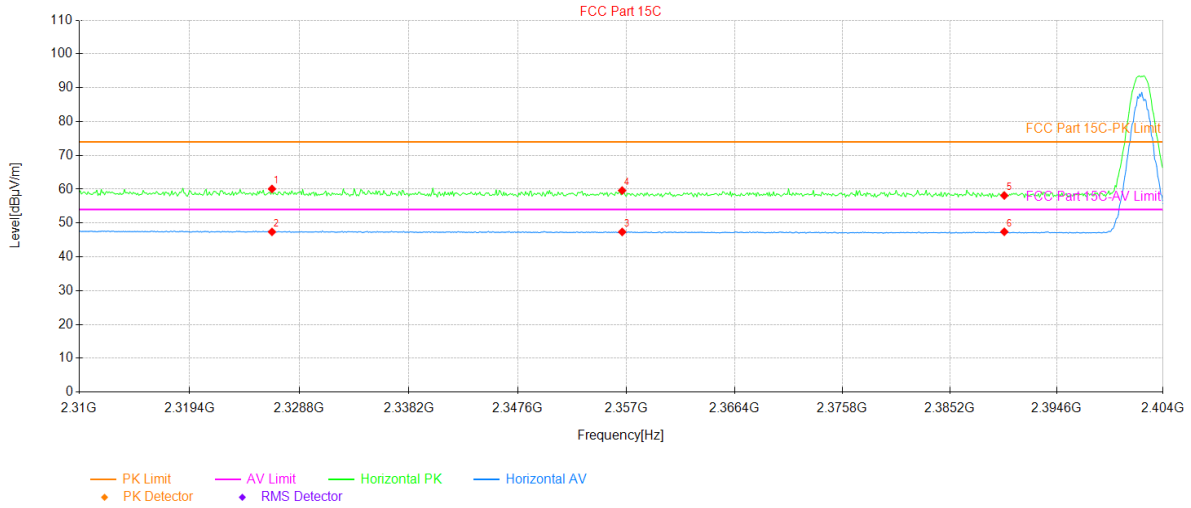
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2331.53	23.98	36.01	59.99	74.00	14.01	329	PK	PASS	Vertical
2	2331.53	11.27	36.01	47.28	54.00	6.72	144	AV	PASS	Vertical
3	2353.62	11.21	36.08	47.29	54.00	6.71	280	AV	PASS	Vertical
4	2353.62	23.80	36.08	59.88	74.00	14.12	280	PK	PASS	Vertical
5	2390.00	22.33	36.19	58.52	74.00	15.48	121	PK	PASS	Vertical
6	2390.00	11.08	36.19	47.27	54.00	6.73	242	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	2DH1 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



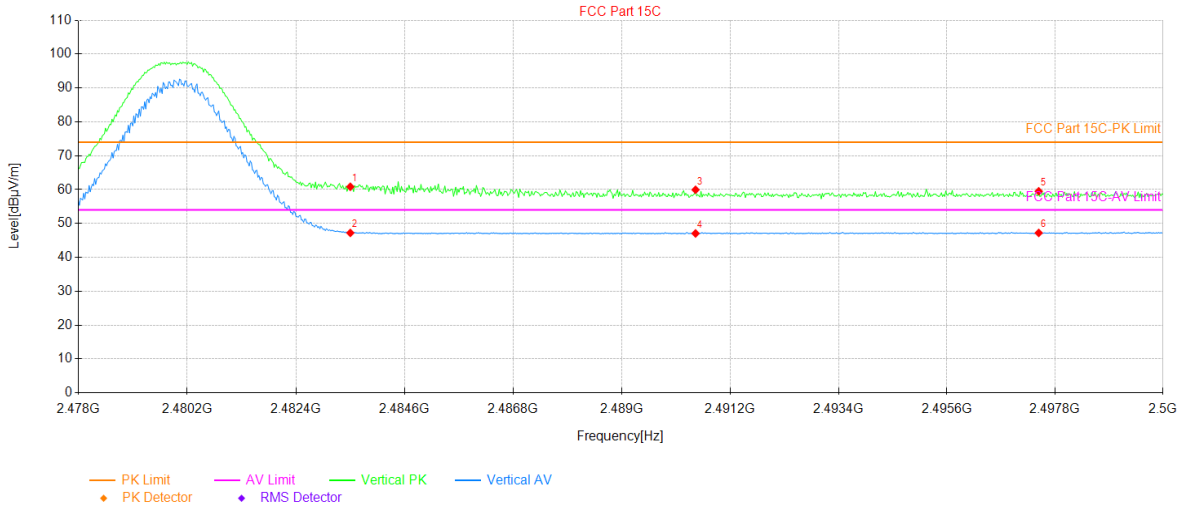
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2326.45	24.07	36.01	60.08	74.00	13.92	257	PK	PASS	Horizontal
2	2326.45	11.38	36.01	47.39	54.00	6.61	238	AV	PASS	Horizontal
3	2356.62	11.28	36.09	47.37	54.00	6.63	37	AV	PASS	Horizontal
4	2356.62	23.52	36.09	59.61	74.00	14.39	272	PK	PASS	Horizontal
5	2390.00	21.95	36.19	58.14	74.00	15.86	291	PK	PASS	Horizontal
6	2390.00	11.22	36.19	47.41	54.00	6.59	332	AV	PASS	Horizontal

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	2DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

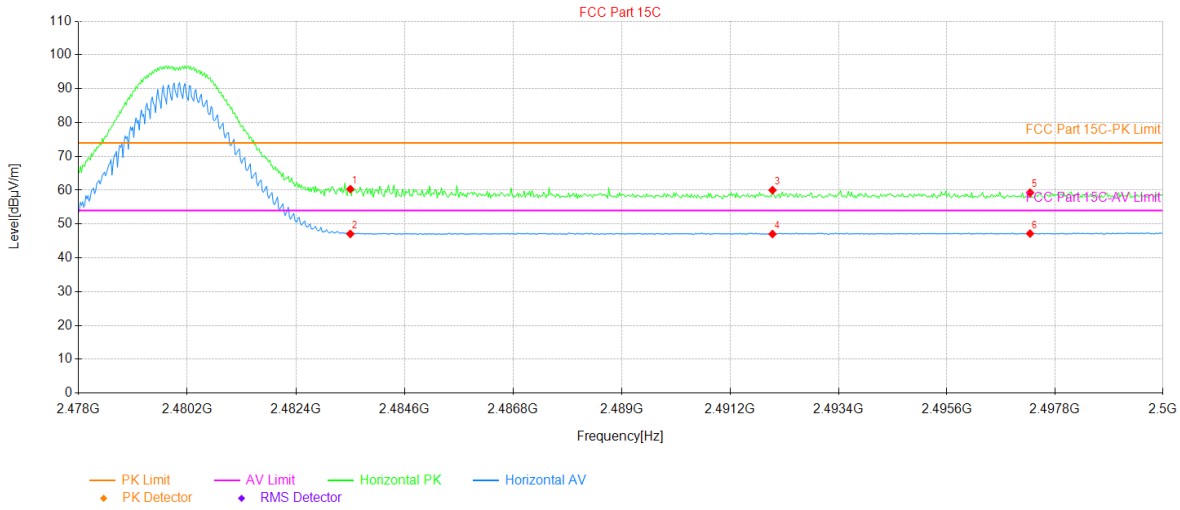


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	24.60	36.24	60.84	74.00	13.16	299	PK	PASS	Vertical
2	2483.50	10.98	36.24	47.22	54.00	6.78	253	AV	PASS	Vertical
3	2490.50	23.65	36.30	59.95	74.00	14.05	76	PK	PASS	Vertical
4	2490.50	10.76	36.30	47.06	54.00	6.94	344	AV	PASS	Vertical
5	2497.47	23.15	36.36	59.51	74.00	14.49	50	PK	PASS	Vertical
6	2497.47	10.85	36.36	47.21	54.00	6.79	106	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	2DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



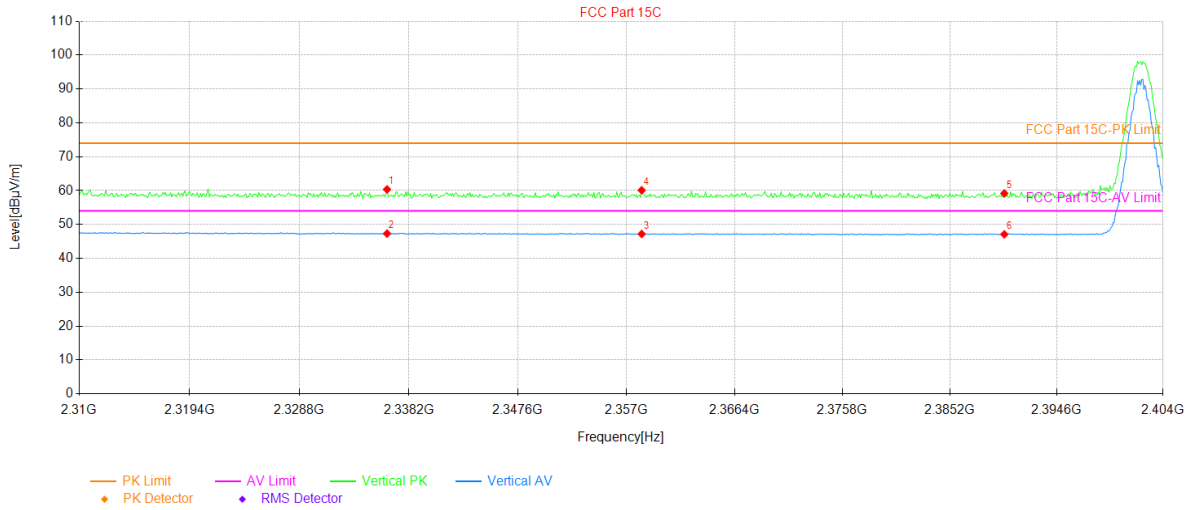
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	24.09	36.24	60.33	74.00	13.67	116	PK	PASS	Horizontal
2	2483.50	10.83	36.24	47.07	54.00	6.93	120	AV	PASS	Horizontal
3	2492.06	23.70	36.31	60.01	74.00	13.99	124	PK	PASS	Horizontal
4	2492.06	10.74	36.31	47.05	54.00	6.95	145	AV	PASS	Horizontal
5	2497.29	22.93	36.36	59.29	74.00	14.71	2	PK	PASS	Horizontal
6	2497.29	10.82	36.36	47.18	54.00	6.82	286	AV	PASS	Horizontal

Remark:

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

8DPSK mode

Product Name:	4G TABLET	**Product model:**	L-PAD
Test By:	Reiy Ren	**Test mode:**	3DH1 Tx mode
Test Channel:	Lowest channel	**Polarization:**	Vertical
Test Voltage:	AC 120/60Hz		

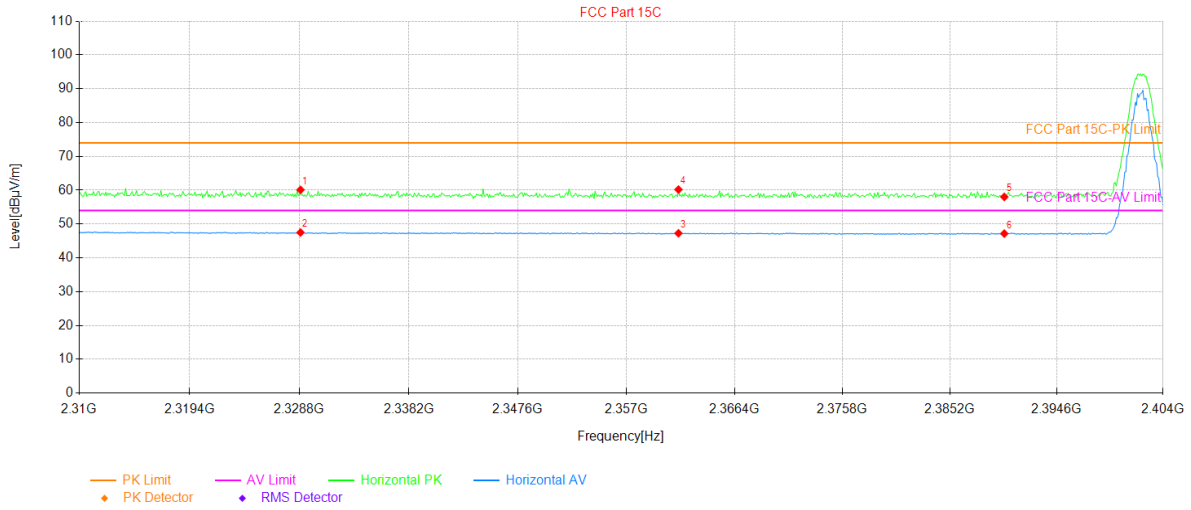


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2336.32	24.33	36.03	60.36	74.00	13.64	167	PK	PASS	Vertical
2	2336.32	11.28	36.03	47.31	54.00	6.69	295	AV	PASS	Vertical
3	2358.32	11.10	36.09	47.19	54.00	6.81	359	AV	PASS	Vertical
4	2358.32	24.00	36.09	60.09	74.00	13.91	205	PK	PASS	Vertical
5	2390.00	22.98	36.19	59.17	74.00	14.83	231	PK	PASS	Vertical
6	2390.00	10.90	36.19	47.09	54.00	6.91	336	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	3DH1 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		

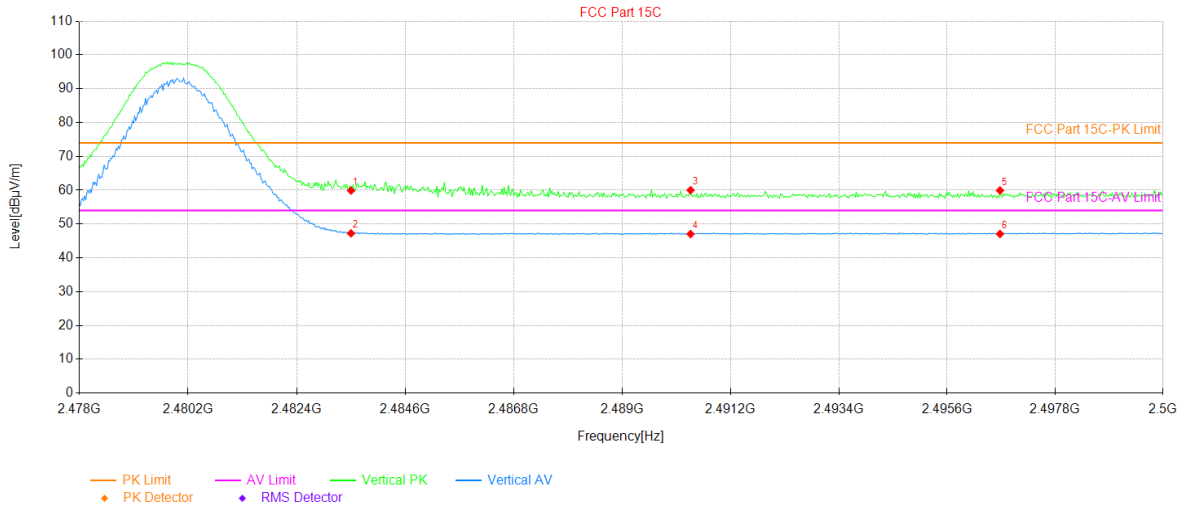


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2328.89	24.11	36.01	60.12	74.00	13.88	214	PK	PASS	Horizontal
2	2328.89	11.49	36.01	47.50	54.00	6.50	358	AV	PASS	Horizontal
3	2361.51	11.17	36.10	47.27	54.00	6.73	78	AV	PASS	Horizontal
4	2361.51	24.10	36.10	60.20	74.00	13.80	258	PK	PASS	Horizontal
5	2390.00	21.83	36.19	58.02	74.00	15.98	153	PK	PASS	Horizontal
6	2390.00	10.98	36.19	47.17	54.00	6.83	299	AV	PASS	Horizontal

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	3DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

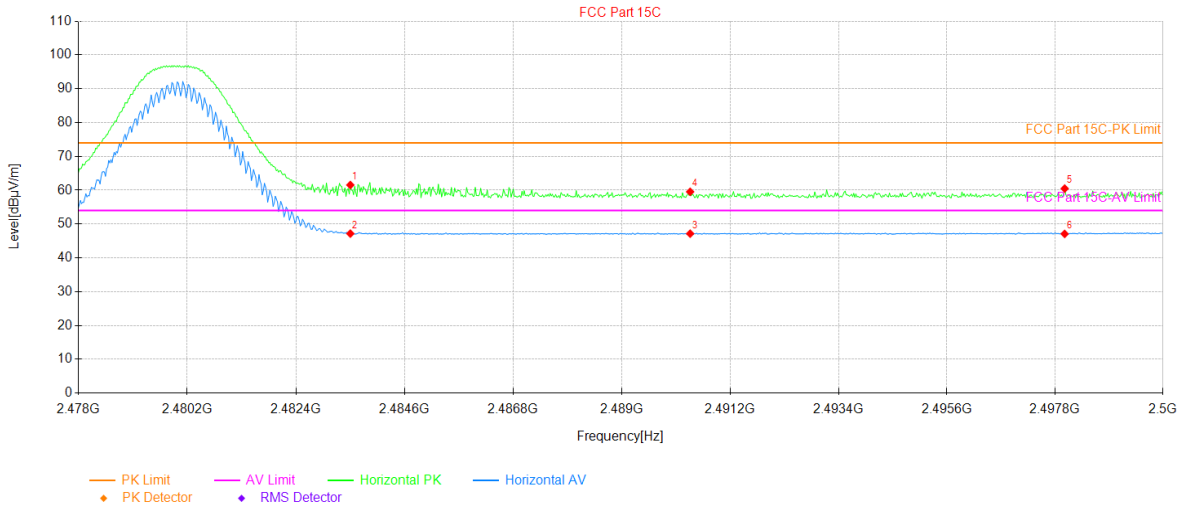


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.67	36.24	59.91	74.00	14.09	176	PK	PASS	Vertical
2	2483.50	11.01	36.24	47.25	54.00	6.75	188	AV	PASS	Vertical
3	2490.39	23.71	36.30	60.01	74.00	13.99	328	PK	PASS	Vertical
4	2490.39	10.75	36.30	47.05	54.00	6.95	106	AV	PASS	Vertical
5	2496.68	23.59	36.35	59.94	74.00	14.06	23	PK	PASS	Vertical
6	2496.68	10.71	36.35	47.06	54.00	6.94	23	AV	PASS	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Reiy Ren	Test mode:	3DH1 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	25.31	36.24	61.55	74.00	12.45	110	PK	PASS	Horizontal
2	2483.50	10.93	36.24	47.17	54.00	6.83	166	AV	PASS	Horizontal
3	2490.39	10.86	36.30	47.16	54.00	6.84	356	AV	PASS	Horizontal
4	2490.39	23.23	36.30	59.53	74.00	14.47	73	PK	PASS	Horizontal
5	2498.00	24.12	36.36	60.48	74.00	13.52	252	PK	PASS	Horizontal
6	2498.00	10.72	36.36	47.08	54.00	6.92	118	AV	PASS	Horizontal

Remark:

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

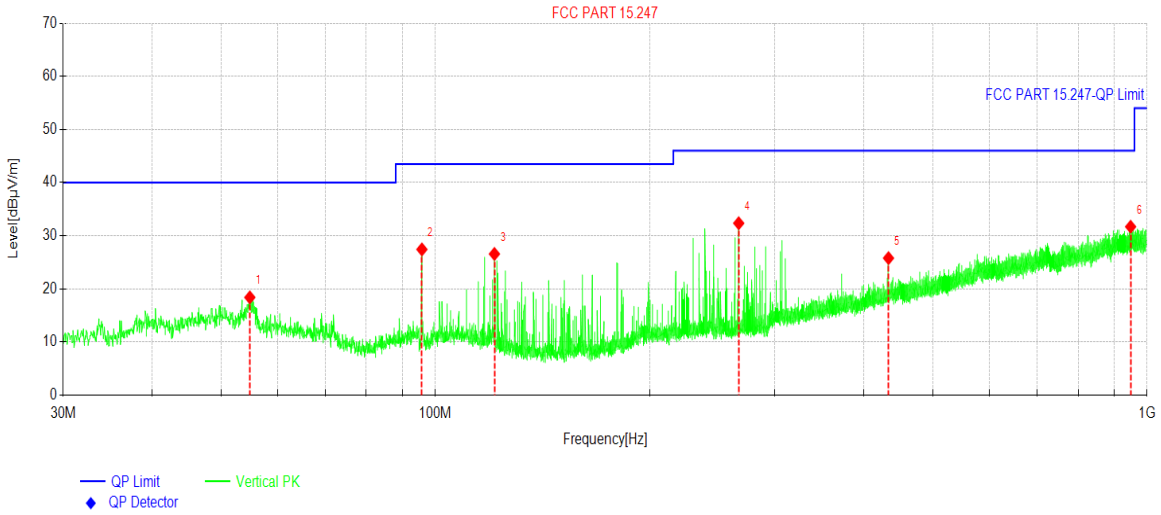
5.5 Emissions in Non-restricted Frequency Bands

Below 30MHz:

Test Frequency from 9kHz to 30MHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

Below 1GHz:

Product Name:	4G TABLET	**Product model:**	L-PAD
Test By:	Robin Gu	**Test mode:**	DH1 Tx mode
Test Frequency:	30 MHz ~ 1 GHz	**Polarization:**	Vertical
Test Channel:	Lowest channel	**Test voltage:**	AC 120 V/60 Hz

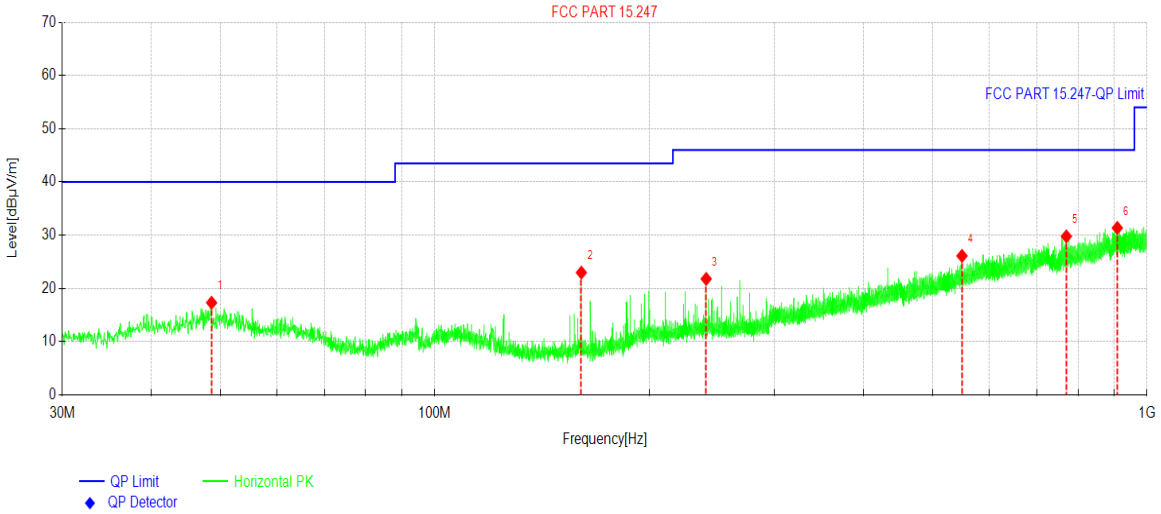


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	54.8805	32.53	-14.14	18.39	40.00	21.61	PK	Vertical
2	95.7660	43.22	-15.79	27.43	43.50	16.07	PK	Vertical
3	121.083	42.88	-16.31	26.57	43.50	16.93	PK	Vertical
4	266.874	45.61	-13.26	32.35	46.00	13.65	PK	Vertical
5	433.277	35.00	-9.22	25.78	46.00	20.22	PK	Vertical
6	948.250	30.92	0.77	31.69	46.00	14.31	PK	Vertical

Remark:

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

Product Name:	4G TABLET	Product model:	L-PAD
Test By:	Robin Gu	Test mode:	DH1 Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Channel:	Lowest channel	Test voltage:	AC 120 V/60 Hz



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	48.6240	30.06	-12.74	17.32	40.00	22.68	PK	Horizontal
2	160.659	40.51	-17.54	22.97	43.50	20.53	PK	Horizontal
3	240.538	35.63	-13.84	21.79	46.00	24.21	PK	Horizontal
4	549.871	32.29	-6.18	26.11	46.00	19.89	PK	Horizontal
5	770.546	31.88	-2.10	29.78	46.00	16.22	PK	Horizontal
6	908.529	30.74	0.63	31.37	46.00	14.63	PK	Horizontal

Remark:

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

Above 1GHz:

Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4804.00	49.55	-8.46	41.09	74.00	32.91	Vertical
4804.00	51.89	-8.46	43.43	74.00	30.57	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4804.00	41.75	-8.46	33.29	54.00	20.71	Vertical
4804.00	44.98	-8.46	36.52	54.00	17.48	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4882.00	49.24	-7.80	41.44	74.00	32.56	Vertical
4882.00	51.99	-7.80	44.19	74.00	29.81	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4882.00	42.02	-7.80	34.22	54.00	19.78	Vertical
4882.00	45.28	-7.80	37.48	54.00	16.52	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4960.00	49.27	-7.38	41.89	74.00	32.11	Vertical
4960.00	51.41	-7.38	44.03	74.00	29.97	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Polarization
4960.00	41.45	-7.38	34.07	54.00	19.93	Vertical
4960.00	44.55	-7.38	37.17	54.00	16.83	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------