

FCC RF Test Report

(BLE)

Report No.: JYTSZ-R12-2500766

Applicant: SWAGTEK

Address of Applicant: 10205 NW 19th Street, STE 101, Miami, FL33172.USA

Equipment Under Test (EUT)

Product Name: 4G Tablet

Model No.: T10L PLUS, Grad, Slate

Trade Mark: LOGIC, ISWAG, UNONU

FCC ID: O551001923

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

Date of Sample Receipt: 21 May, 2025

Date of Test: 22 May, to 25 Jun., 2025

Date of Report Issued: 07 Jul., 2025

Test Result: PASS

Project by: Vieta Zhang
Project Engineer

Reviewed by: James Wei
Senior Engineer

Approved by: James Wei
Manager

Date: 07 Jul., 2025

Date: 07 Jul., 2025

Date: 07 Jul., 2025

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	25 Jun., 2025	Original
01	07 Jul., 2025	Update page 20

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	6
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 Emissions in Restricted Frequency Bands.....	13
5.3 Emissions in Non-restricted Frequency Bands	21

3 General Information

3.1 Client Information

Applicant:	SWAGTEK
Address:	10205 NW 19th Street,STE 101,Miami, FL33172.USA
Manufacturer/Factory:	SWAGTEK
Address:	10205 NW 19th Street,STE 101,Miami, FL33172.USA

3.2 General Description of E.U.T.

Product Name:	4G Tablet
Model No.:	T10L PLUS, Grad, Slate
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)
Antenna Type:	Internal Antenna
Antenna Gain:	0.55dBi (declare by applicant)
Antenna transmit mode:	SISO (1TX, 1RX)
Power Supply:	Rechargeable Li-ion Battery DC3.8V, 5000mAh
AC Adapter:	Model: YD2.0AN-003 Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 2.0A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.
Remark:	All the model are the same circuit and RF module,except the model names.

3.3 Test Mode and Test Environment

Test Mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation
Remark:	
- 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. - 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
Voltage:	Nominal: 3.80Vdc, Extreme: Low 3.50Vdc, High 4.35Vdc
Test Engineer:	Robin Gu(Radiated measurement)

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)	±3.0 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	±2.4 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	±4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	±5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	±4.5 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	4.7 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	5.34 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	3.39 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.15 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.30 dB
Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.6 Additions to, Deviations, or Exclusions from the Method

No

3.7 Laboratory Facility

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

● **FCC - Designation No.: CN1211**

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

● **ISED – CAB identifier.: CN0021**

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

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

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

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

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

3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	01-03-2025	01-02-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-16-2024	12-15-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	09-09-2024	09-08-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-15-2025	01-14-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-15-2025	01-14-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-15-2025	01-14-2026
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	07-01-2024	06-30-2025
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	06-16-2024	06-15-2025
				06-14-2025	06-13-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-21-2025	04-20-2026
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-21-2025	04-20-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	06-11-2024	06-10-2025
				06-09-2025	06-08-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
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		

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:

LE 1M PHY/ LE Coded PHY, S=8/ LE Coded PHY, S=2:

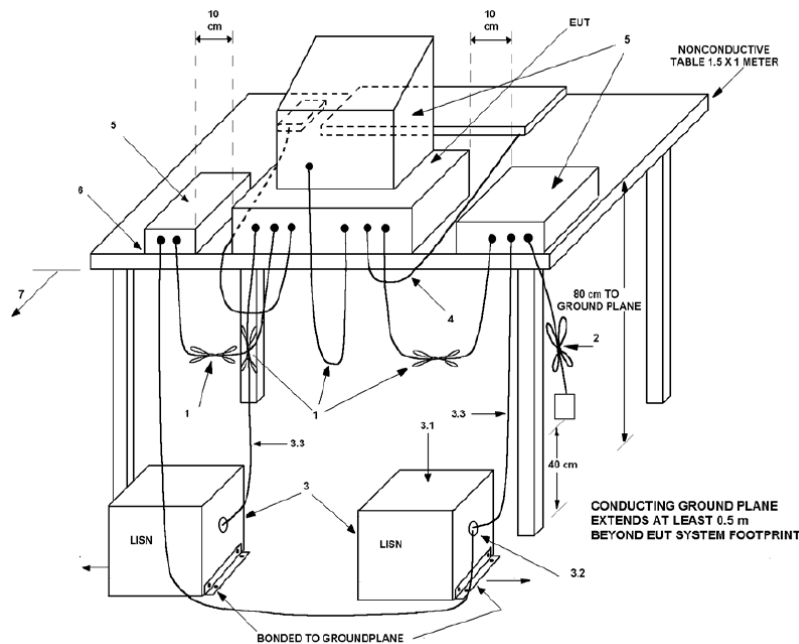
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	20	2442	39	2480

LE 2M PHY:

Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
4	2404	20	2442	38	2478

4.2 Test Setup

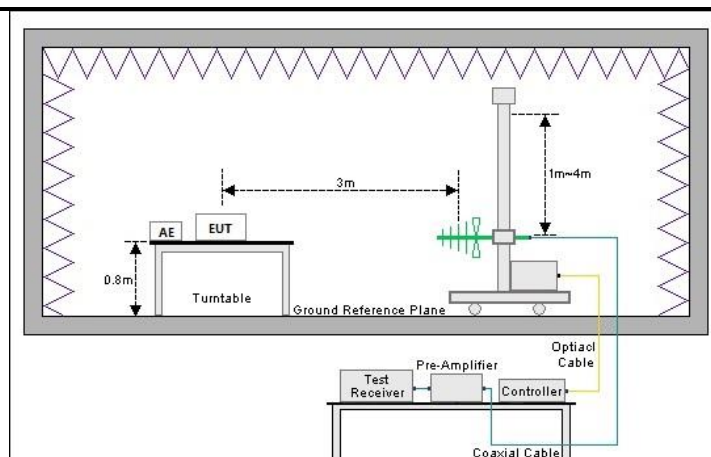
1) Conducted emission measurement:



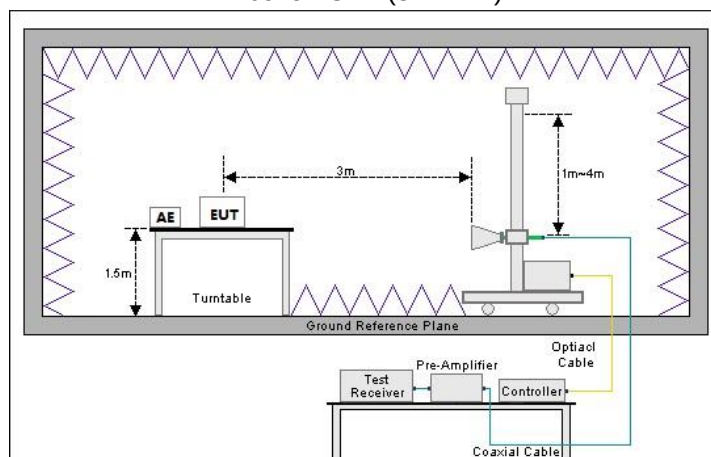
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

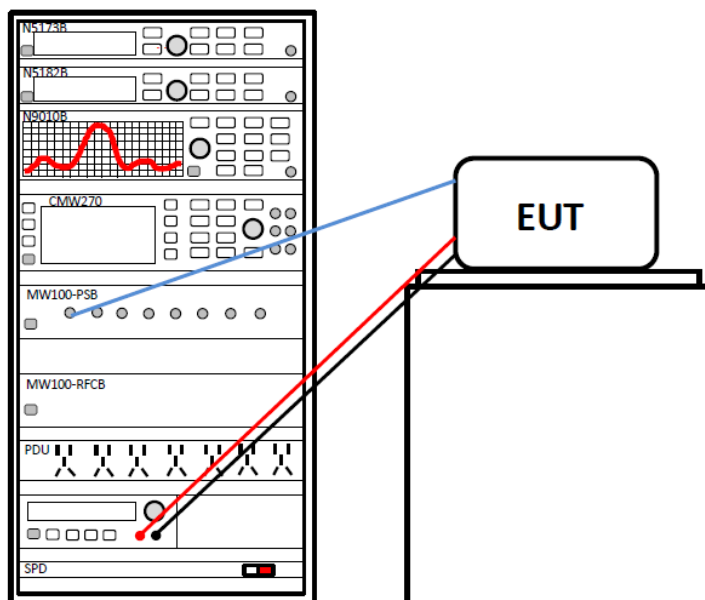
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



3) Conducted test method



4.3 Test Procedure

Test method	Test step
Radiated emission	For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m . 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. 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.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

This report was amended on FCC ID: O551001923 follow FCC Class II Permissive Change. The original report: JYTSZ-R12-2500282, issued by JianYan Testing Group Shenzhen Co., Ltd. The differences between them as below: Update the 234G and BT&WIFI antenna, update the screen and screen backlight, update the battery, speaker, USB Cable and the adapter.

. So need to retest spurious radiation.

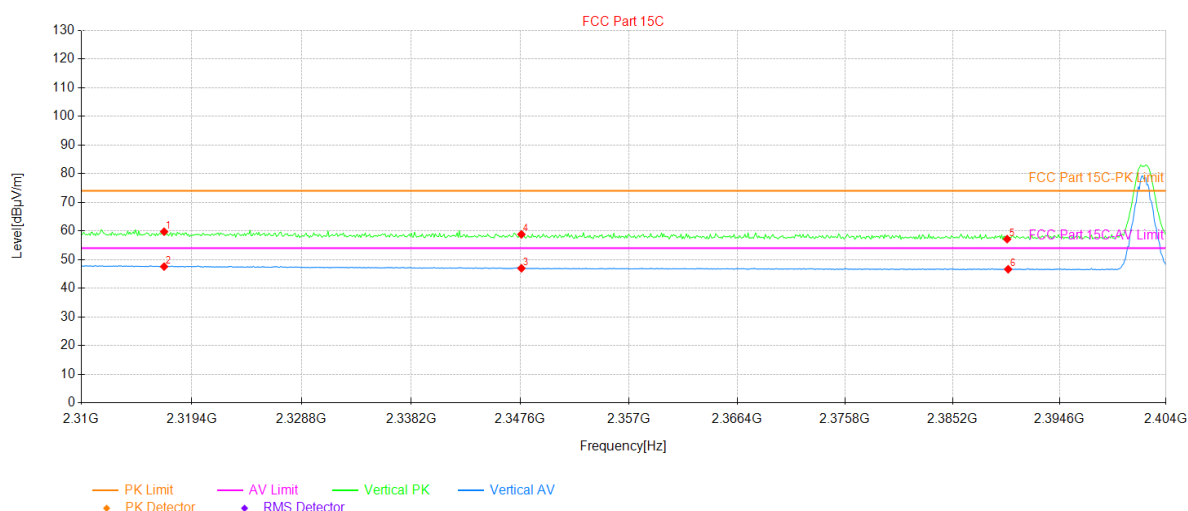
Test items	Standard clause	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
AC Power Line Conducted Emission	15.207	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
Conducted Output Power	15.247 (b)(3)	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
Power Spectral Density	15.247 (e)	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
Band-edge Emission Conduction Spurious Emission	15.247 (d)	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.	Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282.
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	See Section 5.3	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	See Section 5.4	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). 4. Please refer to FCC ID: O551001923, report No.: JYTSZ-R12-2500282 issued by JianYan Testing Group Shenzhen Co., Ltd.			
Test Method:	ANSI C63.10-2013 KDB 558074 D01 15.247 Meas Guidance v05r02		

5.1.2 Test Limit

Test items	Limit		
Emissions in Restricted Frequency Bands	Frequency (MHz)	Limit (dBμV/m)	
		@ 3m	@ 10m
	30 – 88	40.0	30.0
	88 – 216	43.5	33.5
	216 – 960	46.0	36.0
Emissions in Non-restricted Frequency Bands	960 – 1000	54.0	44.0
	Note: The more stringent limit applies at transition frequencies.		
	Frequency	Limit (dBμV/m) @ 3m	
		Average	Peake
	Above 1 GHz	54.0	74.0
	Note: The measurement bandwidth shall be 1 MHz or greater.		

5.2 Emissions in Restricted Frequency Bands

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.8V		



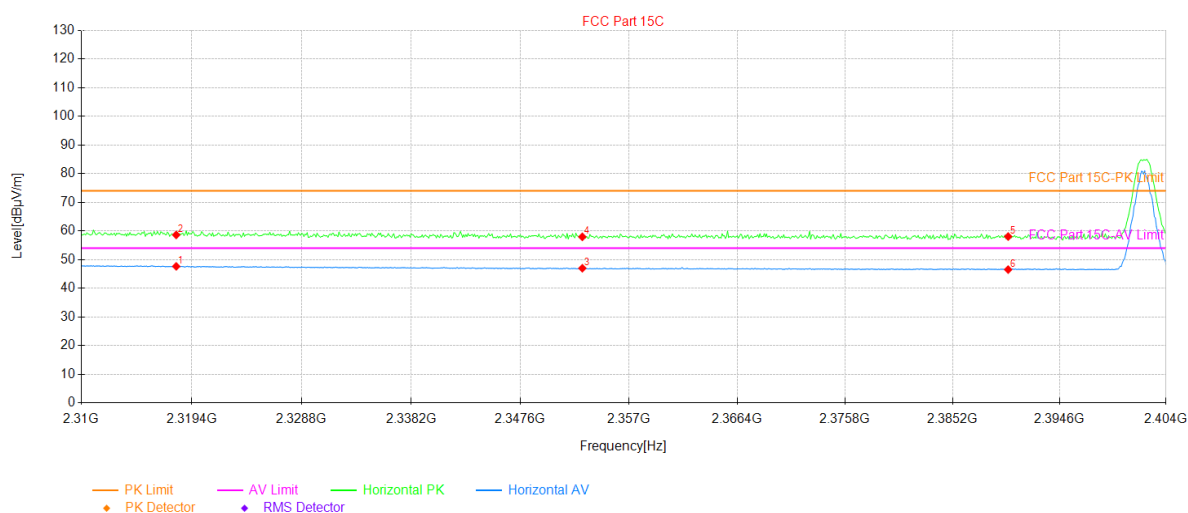
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2317.05	23.25	36.46	59.71	74.00	14.29	155	PK	PASS	Vertical
2	2317.05	11.09	36.46	47.55	54.00	6.45	69	AV	PASS	Vertical
3	2347.69	10.94	36.00	46.94	54.00	7.06	319	AV	PASS	Vertical
4	2347.69	22.78	36.00	58.78	74.00	15.22	281	PK	PASS	Vertical
5	2390.00	21.20	35.93	57.13	74.00	16.87	326	PK	PASS	Vertical
6	2390.09	10.69	35.93	46.62	54.00	7.38	6	AV	PASS	Vertical

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.8V		



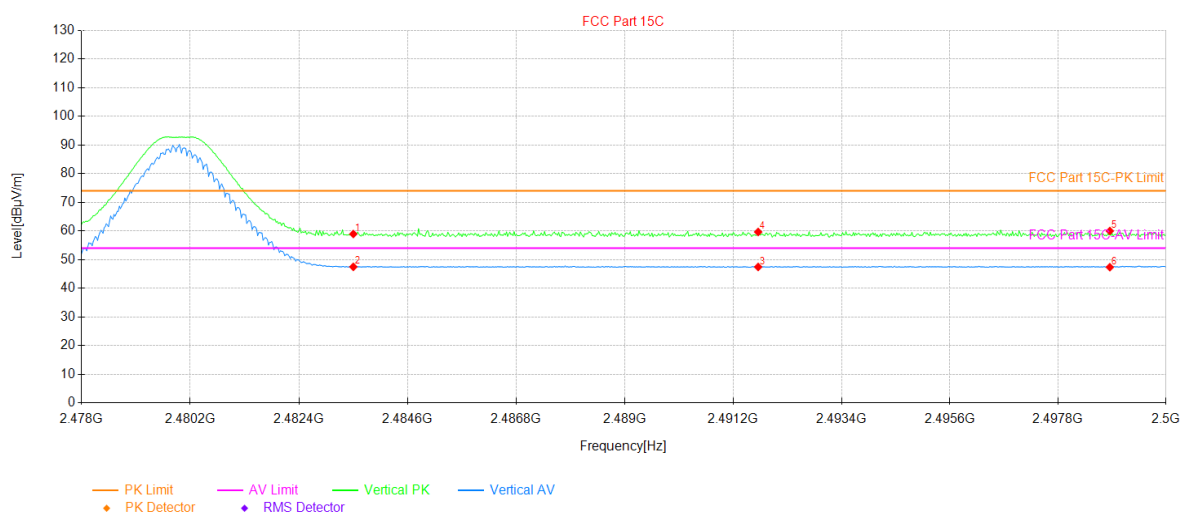
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2318.08	11.18	36.44	47.62	54.00	6.38	138	AV	PASS	Horizontal
2	2318.08	22.15	36.44	58.59	74.00	15.41	187	PK	PASS	Horizontal
3	2352.96	11.00	35.97	46.97	54.00	7.03	131	AV	PASS	Horizontal
4	2352.96	21.95	35.97	57.92	74.00	16.08	298	PK	PASS	Horizontal
5	2390.09	22.10	35.93	58.03	74.00	15.97	26	PK	PASS	Horizontal
6	2390.09	10.57	35.93	46.50	54.00	7.50	321	AV	PASS	Horizontal

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.8V		



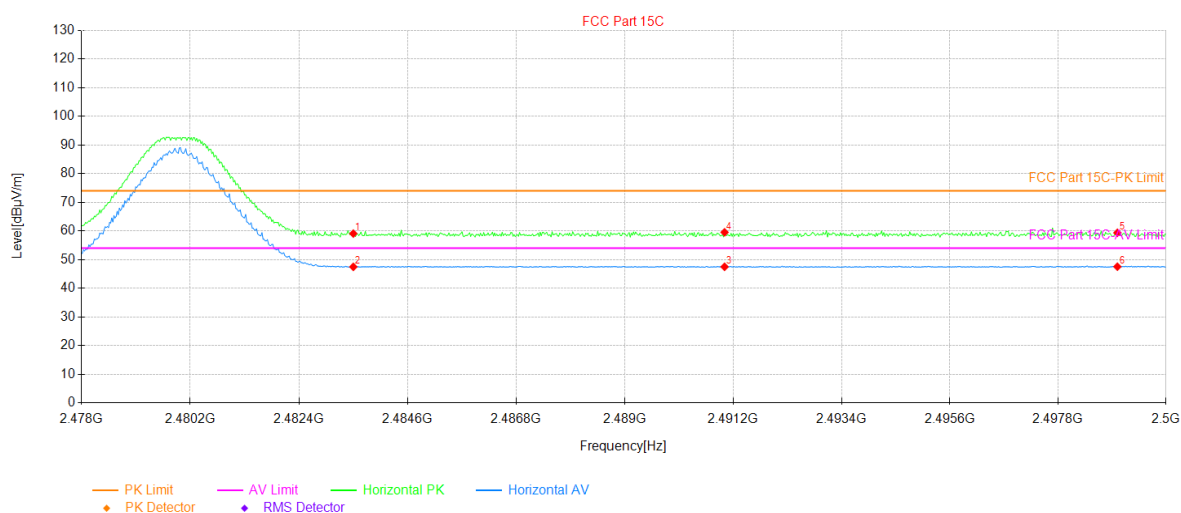
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.18	36.74	58.92	74.00	15.08	74	PK	PASS	Vertical
2	2483.50	10.72	36.74	47.46	54.00	6.54	308	AV	PASS	Vertical
3	2491.71	10.66	36.76	47.42	54.00	6.58	218	AV	PASS	Vertical
4	2491.71	22.87	36.76	59.63	74.00	14.37	341	PK	PASS	Vertical
5	2498.86	23.18	36.77	59.95	74.00	14.05	249	PK	PASS	Vertical
6	2498.86	10.57	36.77	47.34	54.00	6.66	134	AV	PASS	Vertical

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.8V		

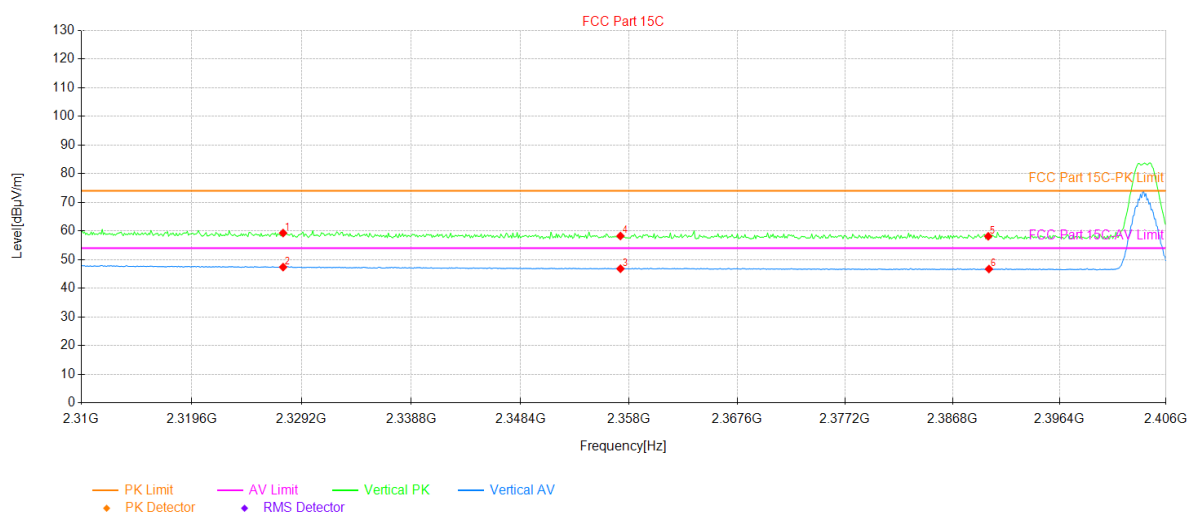


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.32	36.74	59.06	74.00	14.94	305	PK	PASS	Horizontal
2	2483.50	10.71	36.74	47.45	54.00	6.55	346	AV	PASS	Horizontal
3	2491.02	10.71	36.76	47.47	54.00	6.53	134	AV	PASS	Horizontal
4	2491.02	22.75	36.76	59.51	74.00	14.49	227	PK	PASS	Horizontal
5	2499.01	22.57	36.77	59.34	74.00	14.66	42	PK	PASS	Horizontal
6	2499.01	10.74	36.77	47.51	54.00	6.49	323	AV	PASS	Horizontal

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.8V		



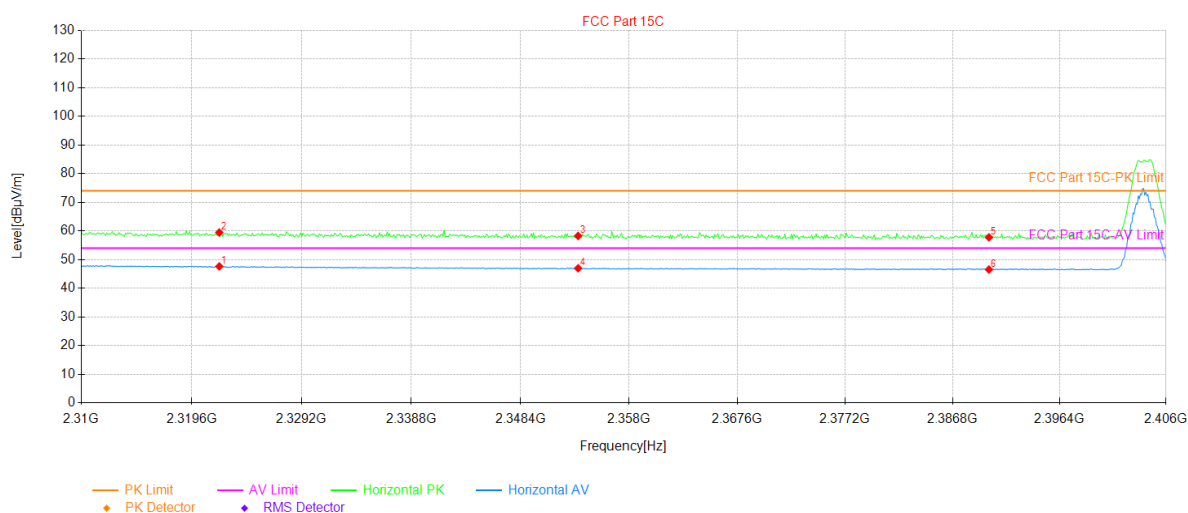
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2327.57	22.97	36.27	59.24	74.00	14.76	41	PK	PASS	Vertical
2	2327.57	11.09	36.27	47.36	54.00	6.64	30	AV	PASS	Vertical
3	2357.23	10.84	35.96	46.80	54.00	7.20	67	AV	PASS	Vertical
4	2357.23	22.26	35.96	58.22	74.00	15.78	131	PK	PASS	Vertical
5	2390.00	22.18	35.93	58.11	74.00	15.89	352	PK	PASS	Vertical
6	2390.06	10.77	35.93	46.70	54.00	7.30	296	AV	PASS	Vertical

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.8V		

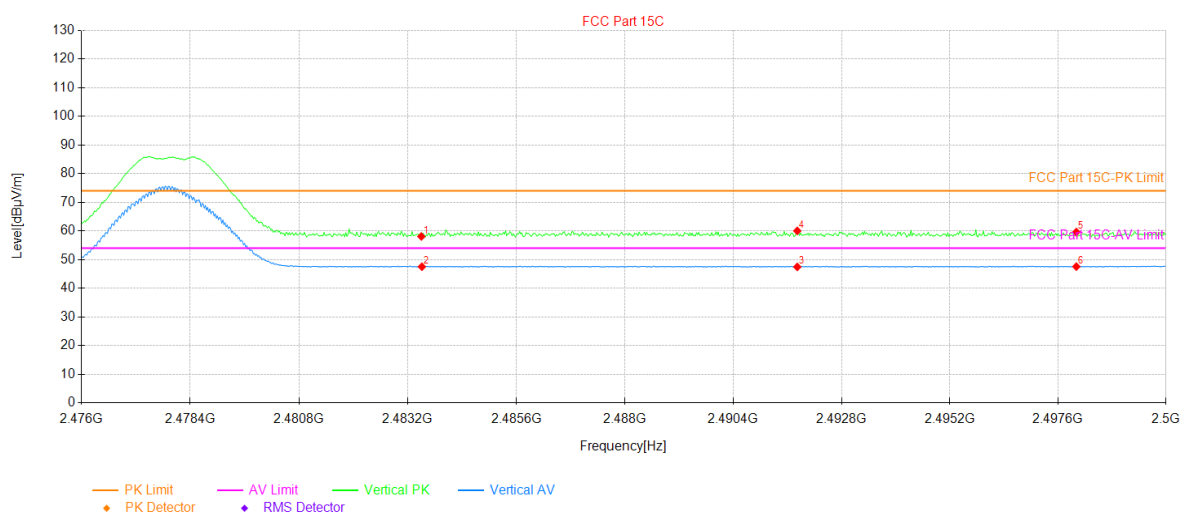


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2322.00	11.23	36.37	47.60	54.00	6.40	30	AV	PASS	Horizontal
2	2322.00	23.06	36.37	59.43	74.00	14.57	150	PK	PASS	Horizontal
3	2353.49	22.26	35.97	58.23	74.00	15.77	206	PK	PASS	Horizontal
4	2353.49	10.99	35.97	46.96	54.00	7.04	101	AV	PASS	Horizontal
5	2390.06	21.82	35.93	57.75	74.00	16.25	79	PK	PASS	Horizontal
6	2390.06	10.59	35.93	46.52	54.00	7.48	360	AV	PASS	Horizontal

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.8V		



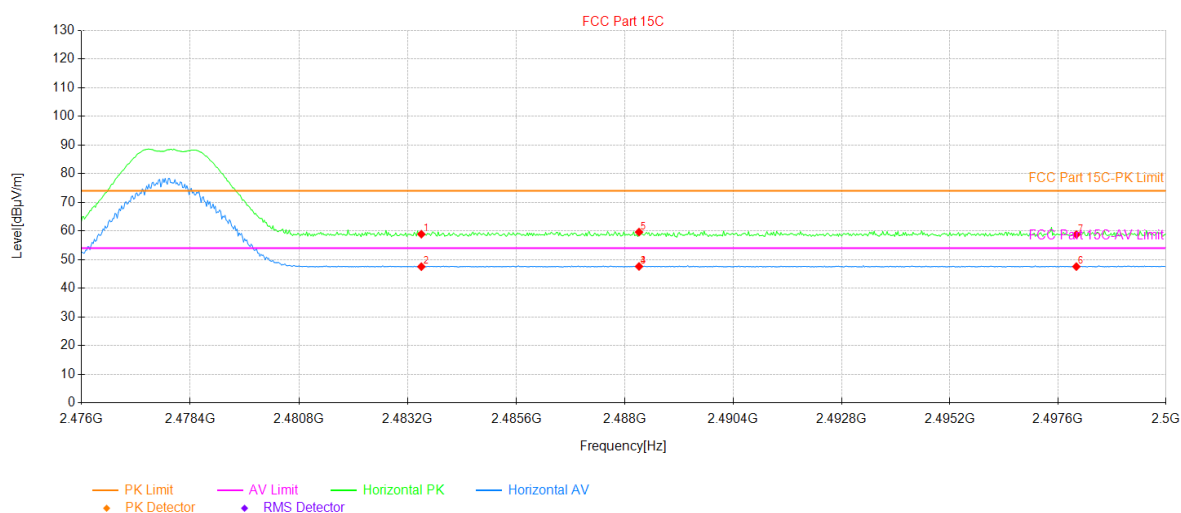
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.31	36.74	58.05	74.00	15.95	136	PK	PASS	Vertical
2	2483.51	10.76	36.74	47.50	54.00	6.50	143	AV	PASS	Vertical
3	2491.82	10.67	36.76	47.43	54.00	6.57	352	AV	PASS	Vertical
4	2491.82	23.24	36.76	60.00	74.00	14.00	42	PK	PASS	Vertical
5	2498.01	22.83	36.77	59.60	74.00	14.40	147	PK	PASS	Vertical
6	2498.01	10.78	36.77	47.55	54.00	6.45	87	AV	PASS	Vertical

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.8V		



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	22.11	36.74	58.85	74.00	15.15	268	PK	PASS	Horizontal
2	2483.50	10.79	36.74	47.53	54.00	6.47	81	AV	PASS	Horizontal
3	2488.31	10.84	36.75	47.59	54.00	6.41	122	AV	PASS	Horizontal
4	2488.31	22.84	36.75	59.59	74.00	14.41	238	PK	PASS	Horizontal
5	2498.01	10.78	36.77	47.55	54.00	6.45	148	AV	PASS	Horizontal
6	2498.01	21.95	36.77	58.72	74.00	15.28	111	PK	PASS	Horizontal

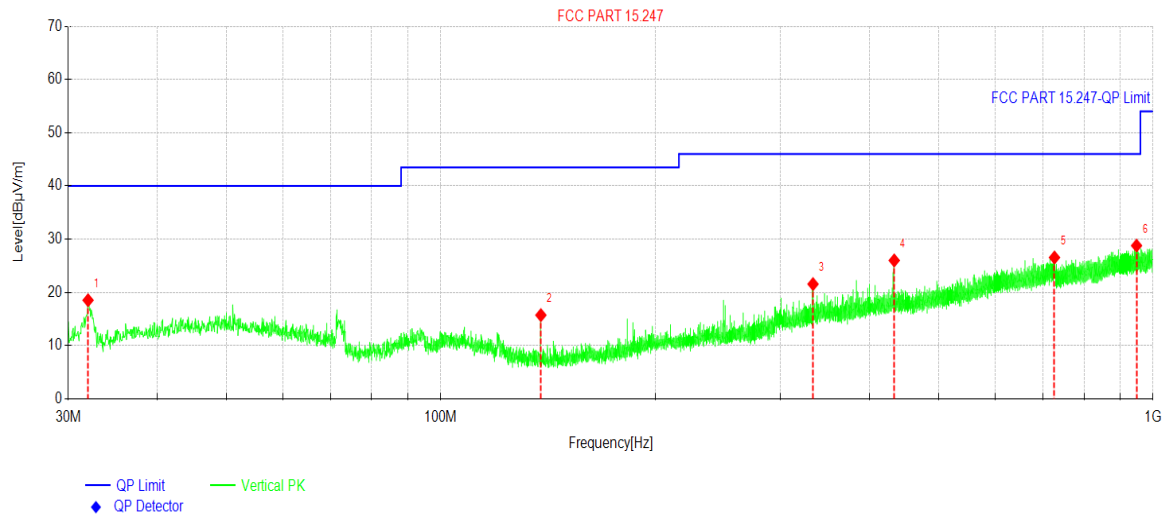
Remark:

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

5.3 Emissions in Non-restricted Frequency Bands

Below 1GHz:

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Kiran Zeng	Test mode:	BLE Tx (LE 1M PHY)
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 3.8V		



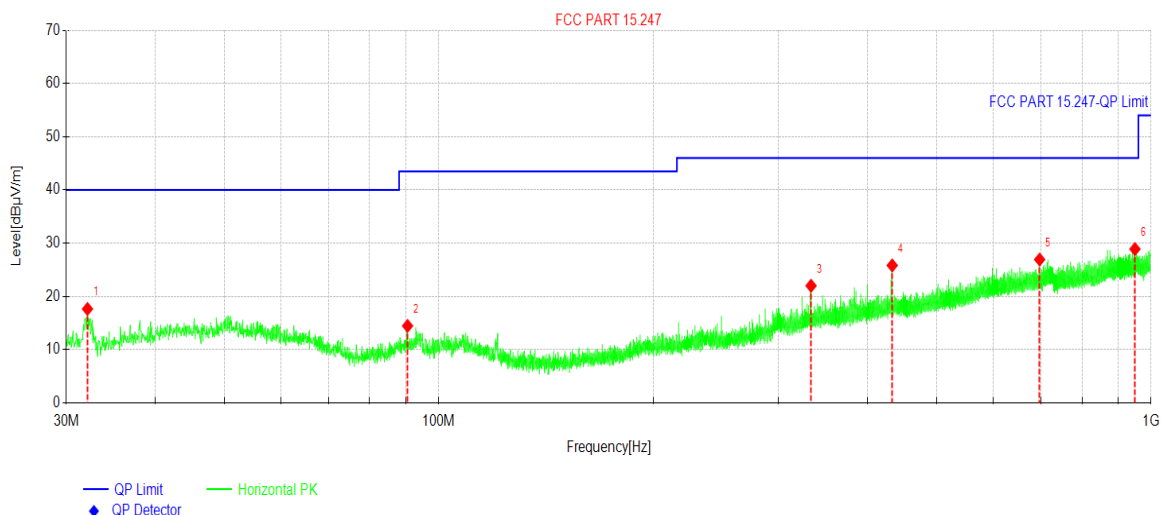
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	31.9886	34.18	-15.64	18.54	40.00	21.46	PK	Vertical
2	138.257	33.66	-17.93	15.73	43.50	27.77	PK	Vertical
3	333.237	33.29	-11.73	21.56	46.00	24.44	PK	Vertical
4	433.249	35.84	-9.83	26.01	46.00	19.99	PK	Vertical
5	727.270	31.28	-4.73	26.55	46.00	19.45	PK	Vertical
6	948.247	30.71	-1.92	28.79	46.00	17.21	PK	Vertical

Remark:

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

Product Name:	4G Tablet	Product Model:	T10L PLUS
Test By:	Kiran Zeng	Test mode:	BLE Tx (LE 1M PHY)
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 3.8V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	32.1341	33.28	-15.63	17.65	40.00	22.35	PK	Horizontal
2	90.4340	30.45	-15.99	14.46	43.50	29.04	PK	Horizontal
3	333.237	33.73	-11.73	22.00	46.00	24.00	PK	Horizontal
4	433.249	35.65	-9.83	25.82	46.00	20.18	PK	Horizontal
5	697.732	32.22	-5.29	26.93	46.00	19.07	PK	Horizontal
6	949.509	30.78	-1.89	28.89	46.00	17.11	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	49.72	-7.98	41.74	74.00	32.26	Vertical
4804.00	48.45	-7.98	40.47	74.00	33.53	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	39.80	-7.98	31.82	54.00	22.18	Vertical
4804.00	39.04	-7.98	31.06	54.00	22.94	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	49.79	-7.46	42.33	74.00	31.67	Vertical
4884.00	48.31	-7.46	40.85	74.00	33.15	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	39.61	-7.46	32.15	54.00	21.85	Vertical
4884.00	38.91	-7.46	31.45	54.00	22.55	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	49.60	-7.00	42.60	74.00	31.40	Vertical
4960.00	48.29	-7.00	41.29	74.00	32.71	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	39.99	-7.00	32.99	54.00	21.01	Vertical
4960.00	38.89	-7.00	31.89	54.00	22.11	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.						

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	49.76	-7.98	41.78	74.00	32.22	Vertical
4804.00	48.43	-7.98	40.45	74.00	33.55	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	39.92	-7.98	31.94	54.00	22.06	Vertical
4804.00	38.98	-7.98	31.00	54.00	23.00	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	49.54	-7.46	42.08	74.00	31.92	Vertical
4884.00	48.32	-7.46	40.86	74.00	33.14	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	39.86	-7.46	32.40	54.00	21.60	Vertical
4884.00	38.88	-7.46	31.42	54.00	22.58	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	49.60	-7.00	42.60	74.00	31.40	Vertical
4960.00	48.39	-7.00	41.39	74.00	32.61	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	39.86	-7.00	32.86	54.00	21.14	Vertical
4960.00	38.87	-7.00	31.87	54.00	22.13	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-----