

FCC RF Test Report

(2.4G Wi-Fi)

Report No.: JYTSZ-R12-2500540

Applicant: Shenzhen Gotron Electronic CO., LTD.

Address of Applicant: 7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China

Equipment Under Test (EUT)

Product Name: Smart Phone

Model No.: GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro

Trade Mark: ulefone

FCC ID: 2AOWK-5017

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

Date of Sample Receipt: 24 Mar., 2025

Date of Test: 25 Mar., to 16 Jul., 2025

Date of Report Issued: 16 Jul., 2025

Test Result: PASS

Project by:

Wang
Project Engineer

Date:

16 Jul., 2025

Reviewed by:

Wang
Senior Engineer

Date:

16 Jul., 2025

Approved by:

Wang
Manager

Date:

16 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.

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	22 Apr., 2025	Original
01	16 Jul., 2025	Updated Pages 5,7,8,16,43 and Appendix – 2.4G Wi-Fi

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3 General Information

3.1 Client Information

Applicant:	Shenzhen Gotron Electronic CO., LTD.
Address:	7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China
Manufacturer:	Shenzhen Gotron Electronic CO., LTD.
Address:	7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China

3.2 General Description of E.U.T.

Product Name:	Smart Phone
Model No.:	GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro
Operation Frequency:	2412 MHz - 2462 MHz (802.11b, g, n-HT20) 2422 MHz - 2452 MHz (802.11n-HT40)
Channel Numbers:	11 (802.11b, g, n-HT20) 7 (802.11n-HT40)
Channel Separation:	5MHz
Modulation Technology: (IEEE 802.11b)	DSSS-DBPSK, DQPSK, CCK
Modulation Technology: (IEEE 802.11g/802.11n)	OFDM-BPSK, QPSK, 16QAM, 64QAM
Antenna Type:	Internal Antenna
Antenna Gain:	ANT0:0.81 dBi (declare by applicant) ANT8:1.33 dBi (declare by applicant) Directional gain = 3.55dBi
Antenna Transmit Mode:	MIMO of 802.11n20/40(2TX, 2RX)
Power Supply:	Rechargeable Li-ion Battery DC3.87V, 25500mAh
AC Adapter:	Model:HJ-PD66W-US Input: AC100-240V, 50/60Hz, 1.5A Output: DC 5.0V, 3.0A 15.0W OR 9.0V, 3.0A 27.0W OR 12.0V, 3.0A 36.0W OR 15.0V, 3.0A 45.0W OR 20.0V 3.25A 65W OR 11.0V, 6.0A 66.0W MAX
Remark:	GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name.
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in continuous transmitting with modulation
Per-scan all kind of data rate, the follow list were the worst case:	
Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n-HT20	6.5Mbps
802.11n-HT40	13.5Mbps
Remark:	
- For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan 802.11b, g, n modulation mode, found ANT 0 with 802.11b modulation and middle channel mode 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. - During the test, the mobile phone dial interface is used to enter the EUT engineering mode, and the prototype transmission power level is set as follows: The 802.11b mode transmission power level is 19, the 802.11g mode prototype transmission power level is 16, the 802.11n20 mode prototype transmission power level is 12 and the 802.11n40 mode prototype transmission power level is 10.	
Operating Environment:	
Temperature:	15℃ ~ 35℃
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.87Vdc, Extreme: Low 3.00Vdc, High 4.45Vdc
Test Engineer:	Li Huang(Conducted measurement) 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)))
Occupied Channel Bandwidth	0.250 MHz
RF output power, conducted	0.75dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	2.86 dB
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 ~ 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
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	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	04-23-2025	04-22-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	06-16-2024	06-15-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	05-23-2025	05-22-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	12-25-2024	12-24-2025
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-24-2024	04-23-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	04-21-2025	04-20-2026
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	04-24-2024	04-23-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	04-21-2025	04-20-2026
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	12-16-2024	12-15-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	12-16-2024	12-15-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	06-11-2024	06-10-2025
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	05-08-2025	05-07-2026
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	07-30-2024	07-29-2025
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	07-30-2024	07-29-2025
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	06-11-2024	06-10-2025
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	05-08-2025	05-07-2026
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	12-17-2024	12-16-2025
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	12-17-2024	12-16-2025
RF Switch	TOP PRECISION	RSU0301	WXG003	01-15-2025	01-14-2026
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	09-10-2024	09-09-2025
Temperature Humidity Chamber	ZHONG ZHI	CZ-A-80D	WXJ032-3	12-17-2024	12-16-2026
Power Detector Box	MWRFTEST	MW100-PSB	WXJ007-4	09-10-2024	09-09-2025
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

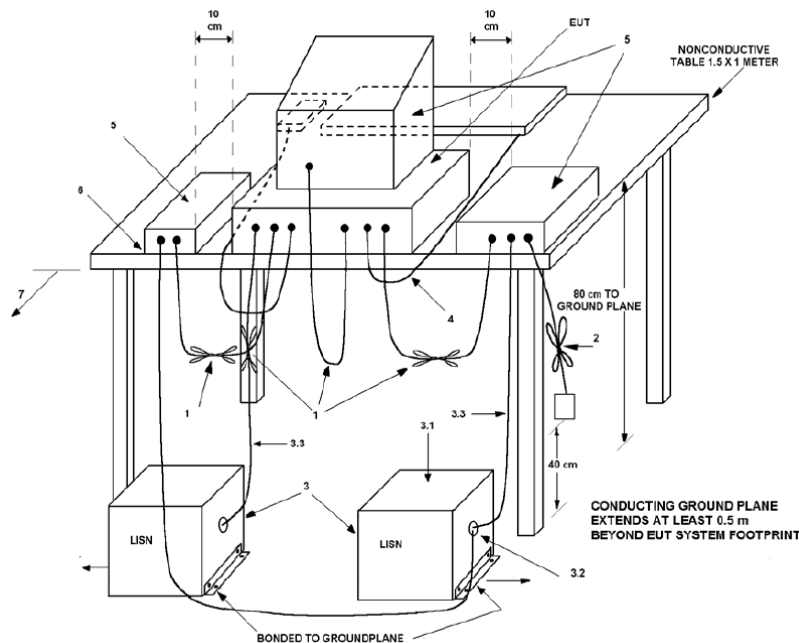
According to ANSI C63.10-2013 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

802.11b, 802.11g, 802.11n-HT20					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	6	2437	11	2462

802.11n-HT40					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
3	2422	6	2437	9	2452

4.2 Test Setup

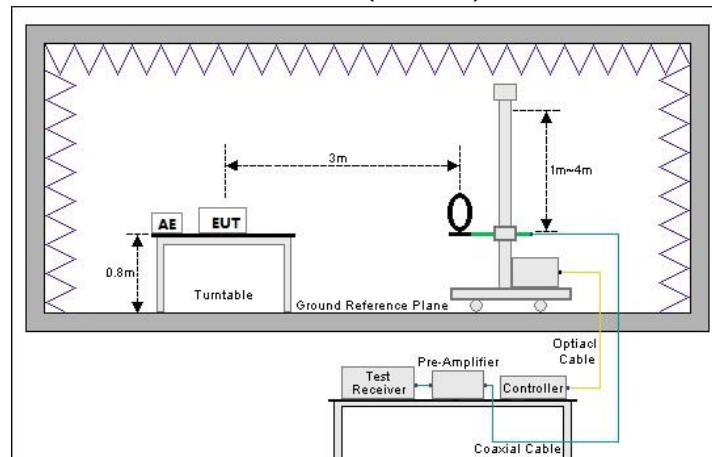
1) Conducted emission measurement:



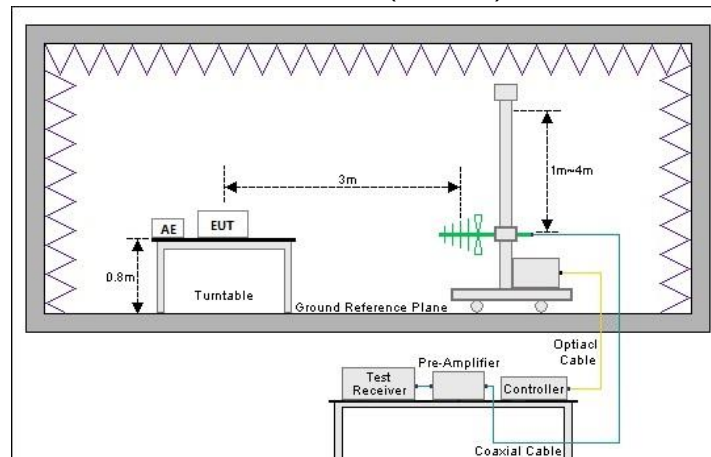
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

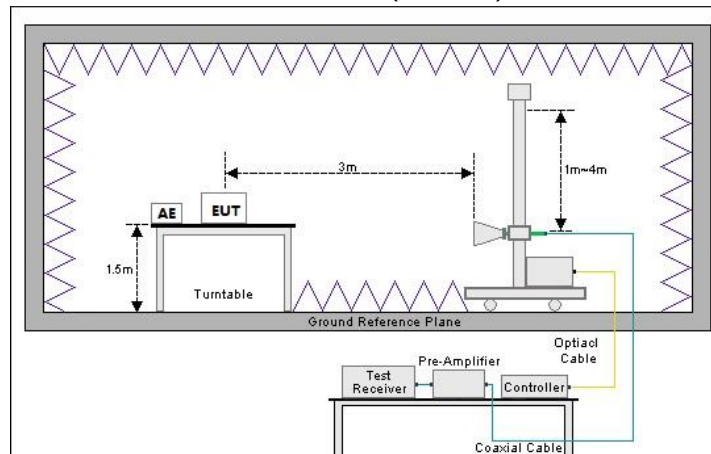
9KHz-30MHz (3m SAC)



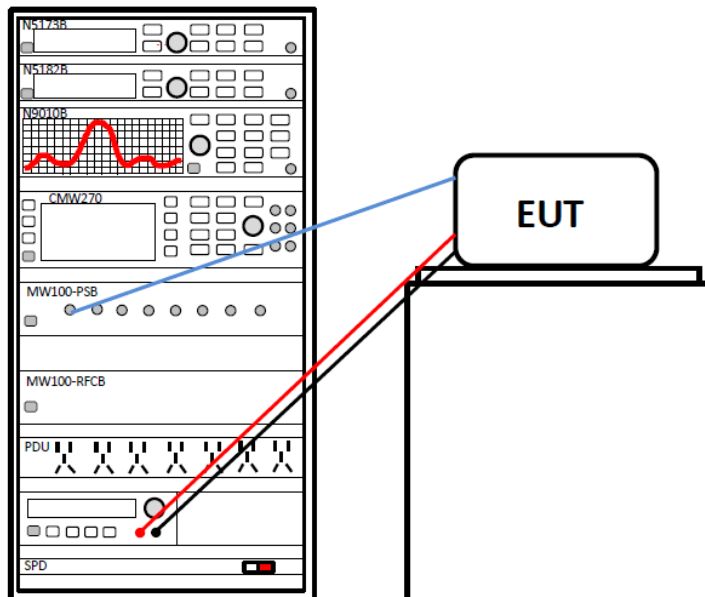
Below 1GHz (3m SAC)



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 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 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 WiFi 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. The test procedures of each test project are as follows : 3.1 6dB Emission Bandwidth & 99% Occupied Bandwidth 3.1.1 The testing follows ANSI C63.10-2013 clause 11.8. 3.1.2 Set the measurement with the spectrum analyzer's RBW= 100 kHz Set the VBW= 300 kHz, Detector = peak, Trace mode = max hold. Sweep = auto couple. 3.1.3 For 99% Bandwidth Measurement,) is set the RBW=1% to 5% of the 99% OBW and the VBW is set to 3 times of the RBW. 3.2 Conducted Output Power 3.2.1 The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method. 3.2.2 The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement. 3.2.3 Set to the maximum power setting and enable the EUT transmit continuously. 3.3 Power Spectral Density 3.3.1 The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD. 3.3.2 Set the measurement with the spectrum analyzer's RBW= 3 kHz, VBW = 10 kHz, In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth, set Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize, Use the peak marker function to determine the maximum amplitude level within the RBW. 3.3.3 Use the peak marker function to determine the maximum amplitude level within the RBW. 3.4 Conduction Band-edge & Spurious Emission Test Procedure 3.4.1 The testing follows ANSI C63.10-2013 clause 11.13 3.4.2 Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. 3.4.3 Use the peak marker function to determine the maximum amplitude level.
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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
Duty Cycle	ANSI C63.10-2013	Appendix – 2.4G Wi-Fi	Pass
Conducted Output Power	15.247 (b)(3)	Appendix – 2.4G Wi-Fi	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Appendix – 2.4G Wi-Fi	Pass
Power Spectral Density	15.247 (e)	Appendix – 2.4G Wi-Fi	Pass
Band-edge Emission Conduction Spurious Emission	15.247 (d)	Appendix – 2.4G Wi-Fi	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

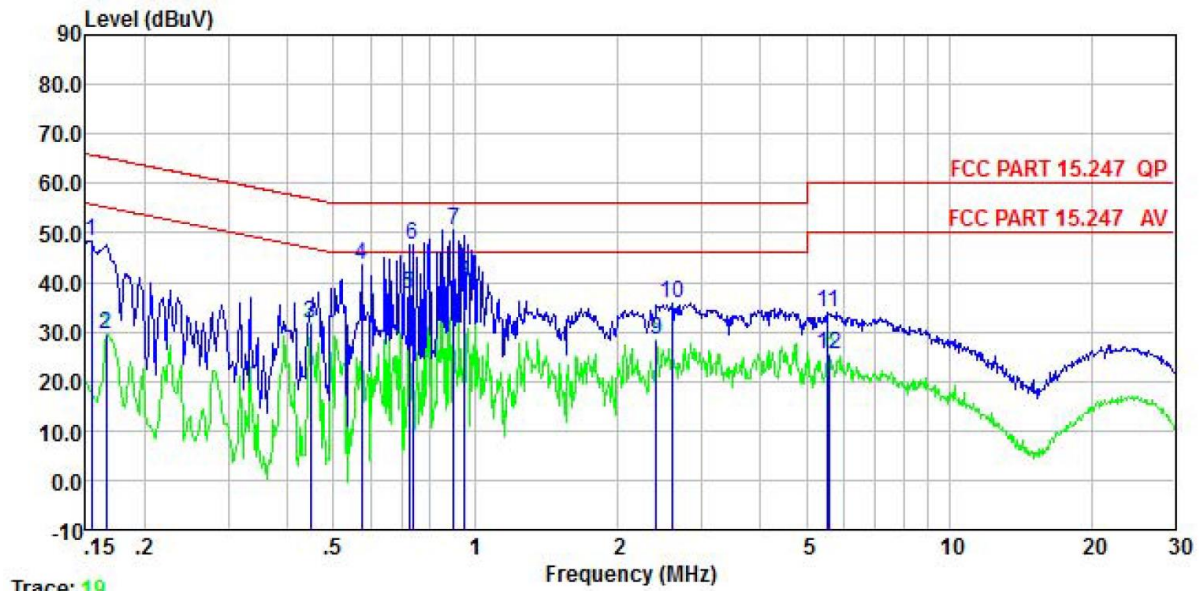
Test items	Limit																														
AC Power Line Conducted Emission	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>66 to 56 Note 1</td><td>56 to 46 Note 1</td></tr><tr><td>0.5 – 5</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>60</td><td>50</td></tr></table> Note 1: The limit level in dBµV decreases linearly with the logarithm of frequency. Note 2: The more stringent limit applies at transition frequencies.	Frequency (MHz)	Limit (dBµV)		Quasi-Peak	Average	0.15 – 0.5	66 to 56 Note 1	56 to 46 Note 1	0.5 – 5	56	46	5 – 30	60	50																
Frequency (MHz)	Limit (dBµV)																														
	Quasi-Peak	Average																													
0.15 – 0.5	66 to 56 Note 1	56 to 46 Note 1																													
0.5 – 5	56	46																													
5 – 30	60	50																													
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><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></table> Note: The more stringent limit applies at transition frequencies. <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Frequency (MHz)	Limit (dBµV/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 (dBµV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Frequency (MHz)	Limit (dBµV/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 (dBµV/m) @ 3m																														
	Average	Peake																													
Above 1 GHz	54.0	74.0																													

5.2 Antenna Requirement

Standard Requirement:	FCC Part 15 C Section 15.203/15.247 (b)(4)
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: 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 Wi-Fi antenna is an internal antenna which cannot replace by end-user, the best case gain of the antenna is ANT8:1.33 dBi. See product internal photos for details. Transmit signals are correlated, so Directional gain=$10 \log[(10^{G1/20} + 10^{G2/20})/2]$ dBi = 3.55 dBi	

5.3 AC Power Line Conducted Emission

Product name:	Smart Phone	Product model:	GQ5017
Test by:	Kiran Zeng	Test mode:	2.4G Wi-Fi mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		

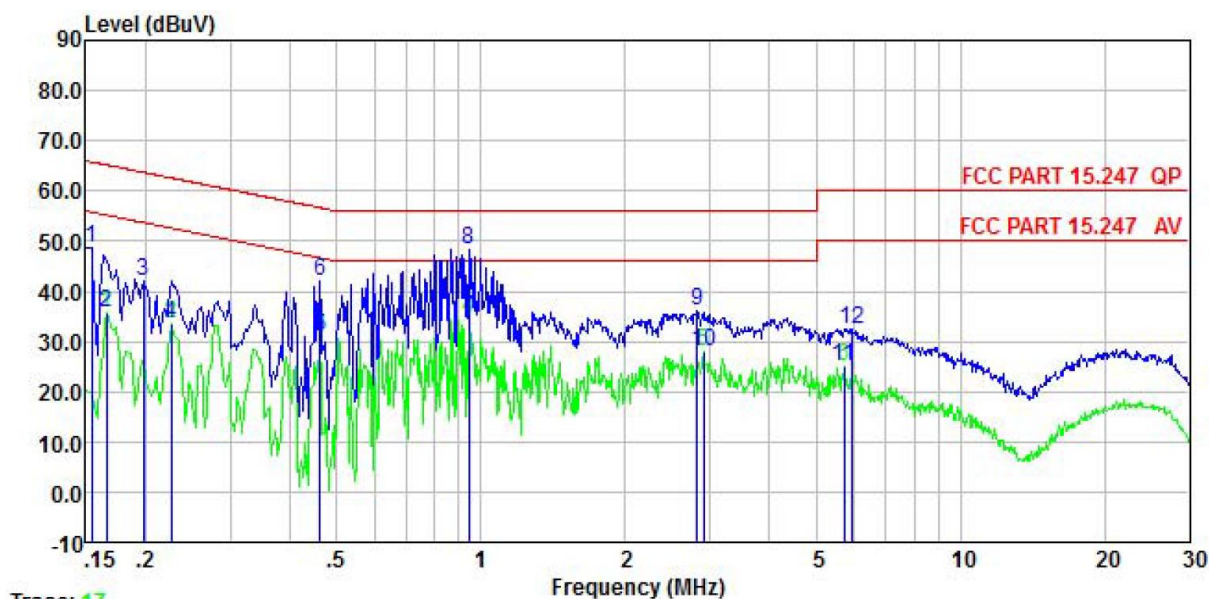


	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	28.35	10.19	0.00	9.88	0.01	48.43	65.78	-17.35	QP
2	0.166	9.59	10.17	0.00	9.88	0.01	29.65	55.16	-25.51	Average
3	0.447	11.54	10.13	0.00	9.88	0.03	31.58	46.93	-15.35	Average
4	0.573	23.30	10.19	0.00	9.88	0.02	43.39	56.00	-12.61	QP
5	0.724	17.71	10.13	0.00	9.88	0.03	37.75	46.00	-8.25	Average
6	0.735	27.70	10.13	0.00	9.88	0.03	47.74	56.00	-8.26	QP
7	0.899	30.57	10.15	0.00	9.88	0.04	50.64	56.00	-5.36	QP
8	0.948	19.69	10.18	0.00	9.88	0.05	39.80	46.00	-6.20	Average
9	2.409	8.03	10.19	0.00	9.88	0.15	28.25	46.00	-17.75	Average
10	2.594	15.46	10.23	0.00	9.88	0.12	35.69	56.00	-20.31	QP
11	5.535	13.52	10.33	0.00	9.90	0.09	33.84	60.00	-26.16	QP
12	5.594	4.93	10.33	0.00	9.90	0.09	25.25	50.00	-24.75	Average

Remark:

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

Product name:	Smart Phone	Product model:	GQ5017
Test by:	Kiran Zeng	Test mode:	2.4G Wi-Fi mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



Trace: 17

	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	28.60	10.20	0.00	9.88	0.01	48.69	65.78	-17.09	QP
2	0.166	15.73	10.20	0.00	9.88	0.01	35.82	55.16	-19.34	Average
3	0.198	21.90	10.20	0.00	9.88	0.04	42.02	63.71	-21.69	QP
4	0.226	13.33	10.18	0.00	9.88	0.02	33.41	52.61	-19.20	Average
5	0.461	11.03	10.17	0.00	9.88	0.03	31.11	46.67	-15.56	Average
6	0.461	21.97	10.17	0.00	9.88	0.03	42.05	56.67	-14.62	QP
7	0.943	14.64	10.23	0.00	9.88	0.04	34.79	46.00	-11.21	Average
8	0.943	28.28	10.23	0.00	9.88	0.04	48.43	56.00	-7.57	QP
9	2.824	15.79	10.21	0.00	9.89	0.09	35.98	56.00	-20.02	QP
10	2.915	7.99	10.21	0.00	9.89	0.08	28.17	46.00	-17.83	Average
11	5.713	4.76	10.24	0.00	9.90	0.09	24.99	50.00	-25.01	Average
12	5.929	12.36	10.25	0.00	9.90	0.09	32.60	60.00	-27.40	QP

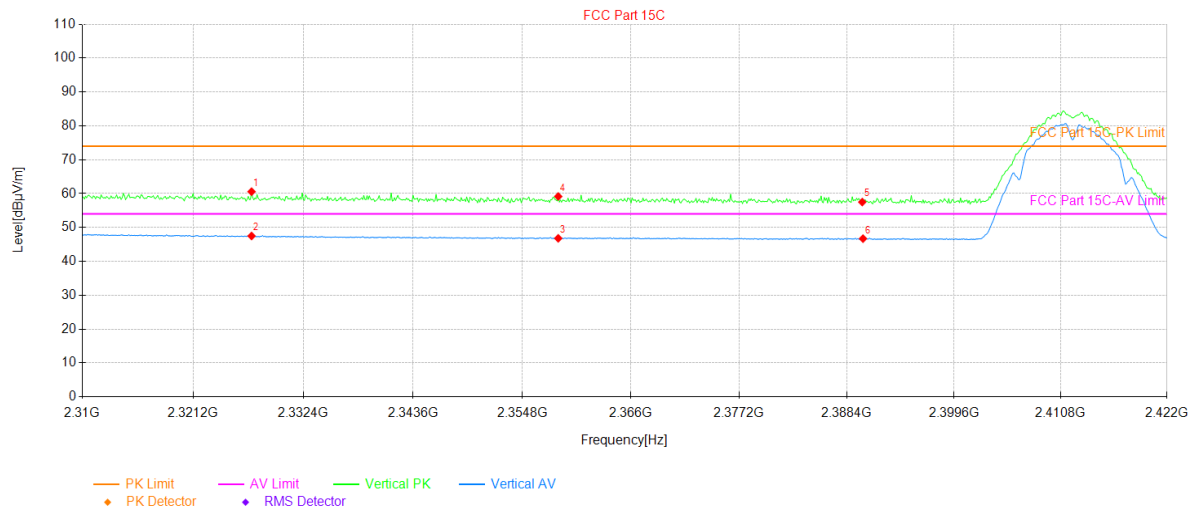
Remark:

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

5.4 Emissions in Restricted Frequency Bands

ANT0:

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Kiran Zeng	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



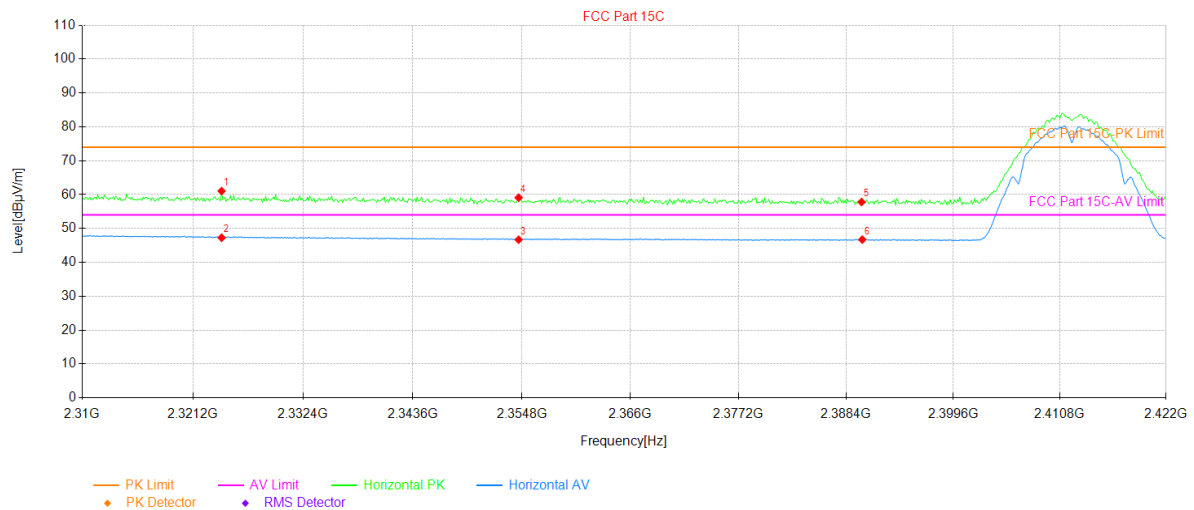
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2327.14	24.29	36.28	60.57	74.00	13.43	358	PK	PASS	Vertical
2	2327.14	11.21	36.28	47.49	54.00	6.51	91	AV	PASS	Vertical
3	2358.50	10.83	35.97	46.80	54.00	7.20	221	AV	PASS	Vertical
4	2358.50	23.19	35.97	59.16	74.00	14.84	35	PK	PASS	Vertical
5	2390.00	21.58	35.93	57.51	74.00	16.49	229	PK	PASS	Vertical
6	2390.08	10.78	35.93	46.71	54.00	7.29	304	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



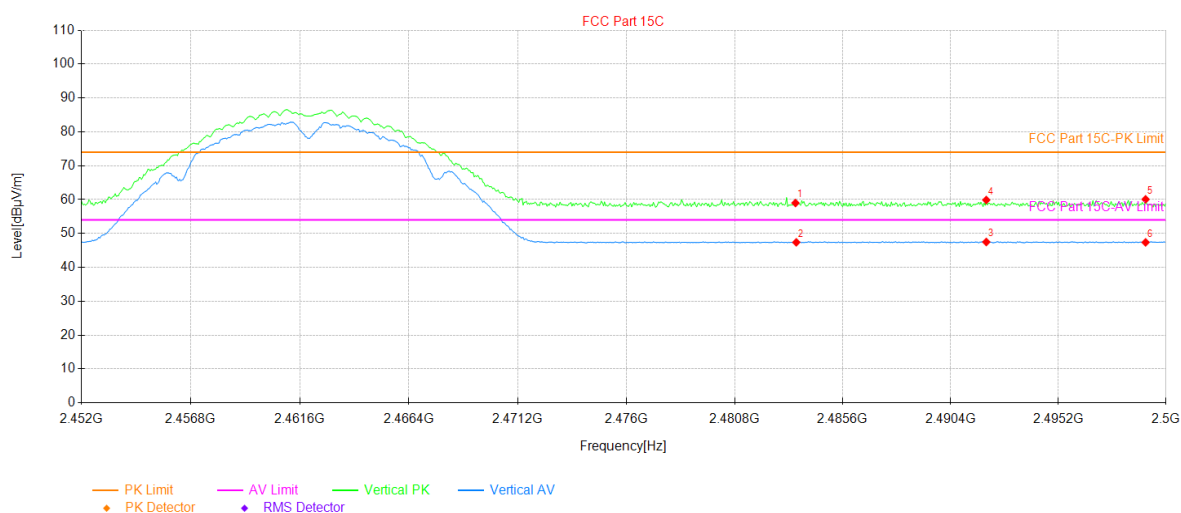
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2324.11	24.72	36.33	61.05	74.00	12.95	360	PK	PASS	Horizontal
2	2324.11	10.95	36.33	47.28	54.00	6.72	75	AV	PASS	Horizontal
3	2354.46	10.73	35.96	46.69	54.00	7.31	221	AV	PASS	Horizontal
4	2354.46	23.13	35.96	59.09	74.00	14.91	41	PK	PASS	Horizontal
5	2390.00	21.88	35.93	57.81	74.00	16.19	329	PK	PASS	Horizontal
6	2390.08	10.78	35.93	46.71	54.00	7.29	292	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



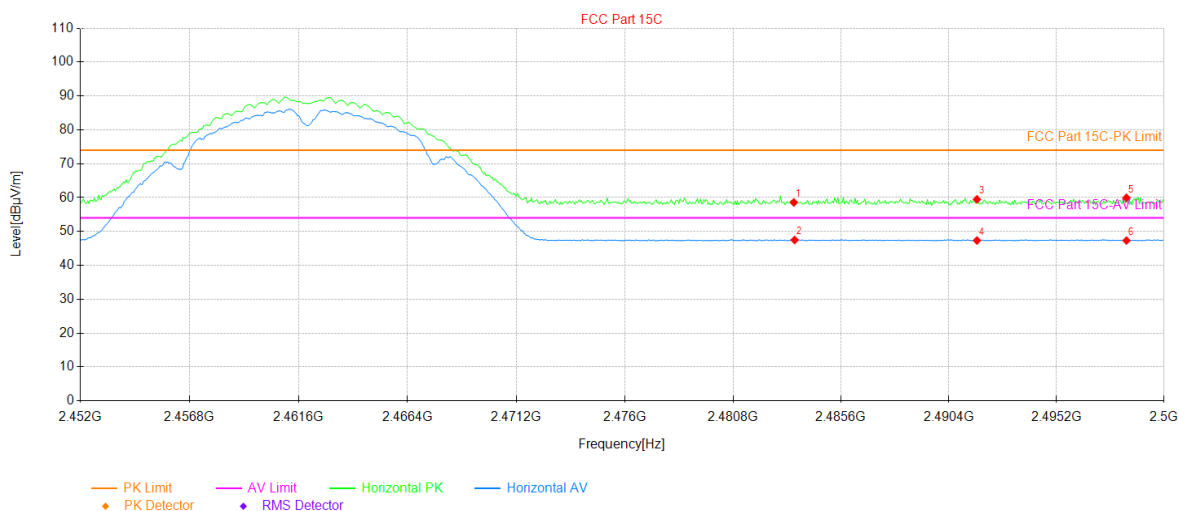
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.25	36.74	58.99	74.00	15.01	154	PK	PASS	Vertical
2	2483.54	10.65	36.74	47.39	54.00	6.61	210	AV	PASS	Vertical
3	2491.98	10.73	36.76	47.49	54.00	6.51	150	AV	PASS	Vertical
4	2491.98	23.12	36.76	59.88	74.00	14.12	49	PK	PASS	Vertical
5	2499.09	23.31	36.77	60.08	74.00	13.92	255	PK	PASS	Vertical
6	2499.09	10.61	36.77	47.38	54.00	6.62	57	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		

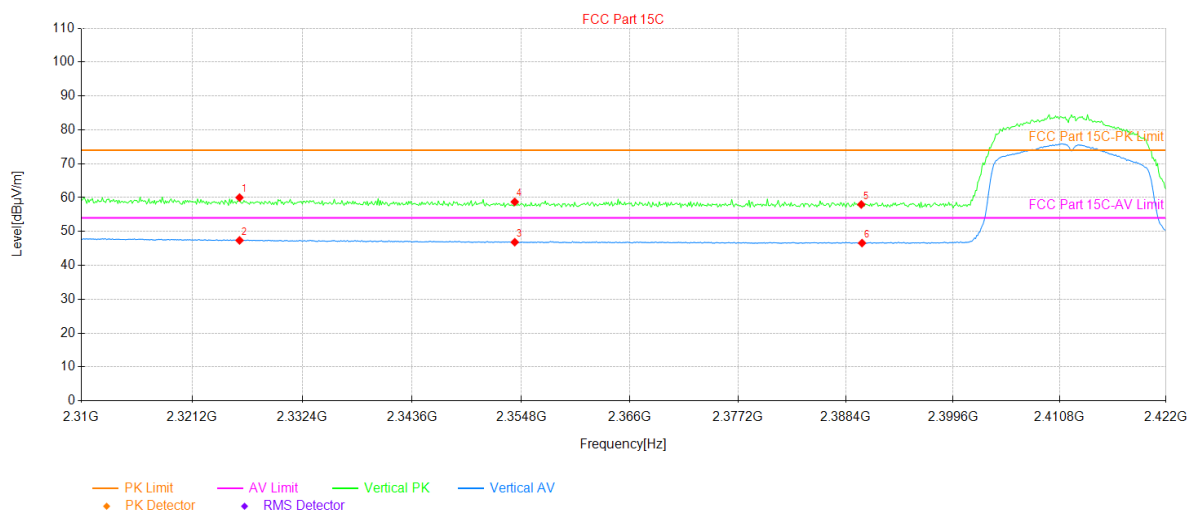


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.83	36.74	58.57	74.00	15.43	98	PK	PASS	Horizontal
2	2483.54	10.75	36.74	47.49	54.00	6.51	358	AV	PASS	Horizontal
3	2491.65	22.72	36.76	59.48	74.00	14.52	53	PK	PASS	Horizontal
4	2491.65	10.58	36.76	47.34	54.00	6.66	71	AV	PASS	Horizontal
5	2498.32	23.16	36.77	59.93	74.00	14.07	157	PK	PASS	Horizontal
6	2498.32	10.55	36.77	47.32	54.00	6.68	64	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



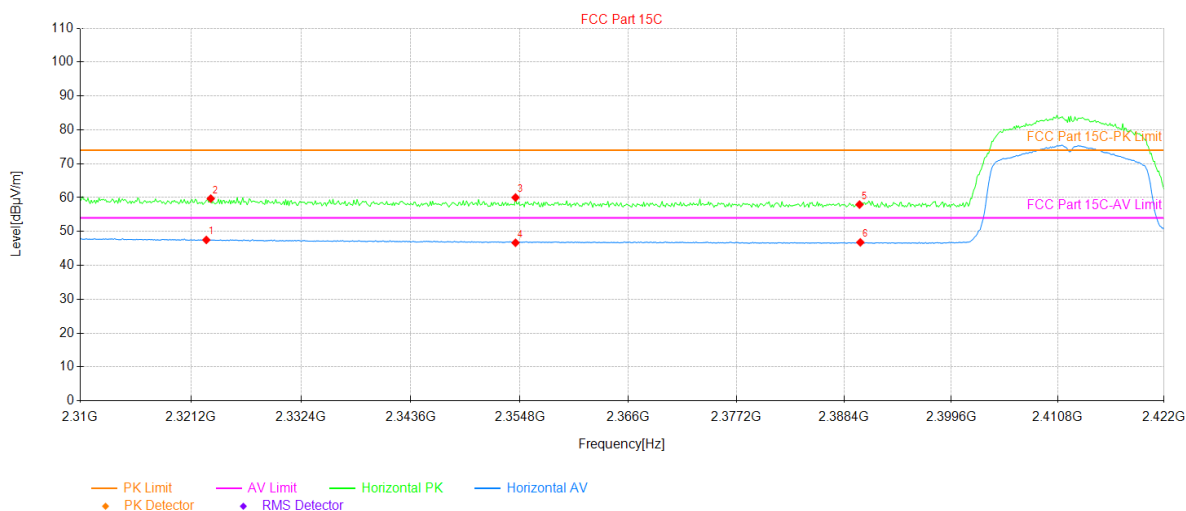
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2326.02	23.71	36.30	60.01	74.00	13.99	358	PK	PASS	Vertical
2	2326.02	11.07	36.30	47.37	54.00	6.63	136	AV	PASS	Vertical
3	2354.13	10.88	35.96	46.84	54.00	7.16	299	AV	PASS	Vertical
4	2354.13	22.78	35.96	58.74	74.00	15.26	254	PK	PASS	Vertical
5	2390.00	22.04	35.93	57.97	74.00	16.03	358	PK	PASS	Vertical
6	2390.08	10.65	35.93	46.58	54.00	7.42	180	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



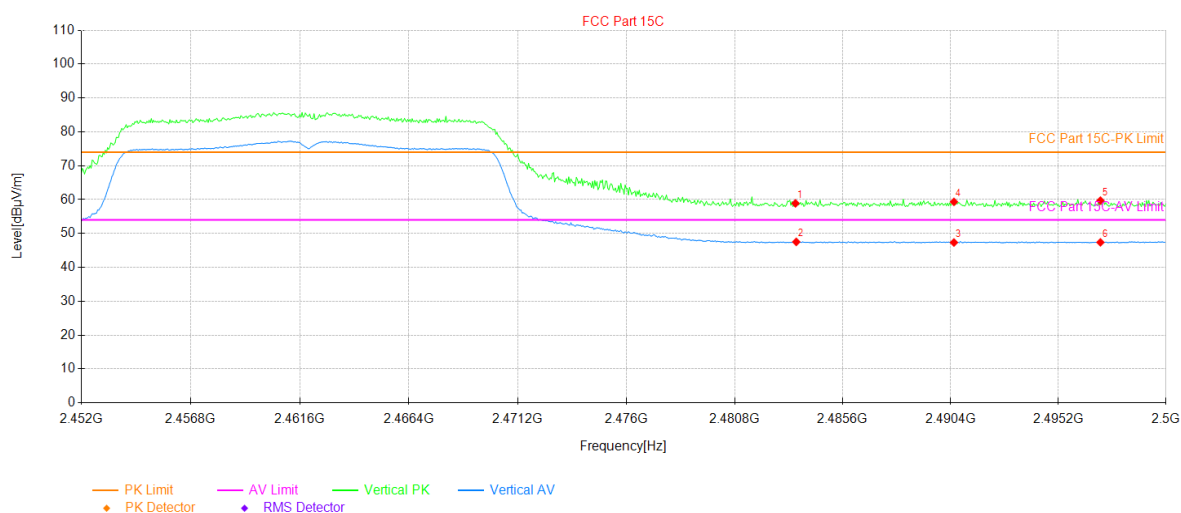
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2322.77	11.14	36.36	47.50	54.00	6.50	159	AV	PASS	Horizontal
2	2323.22	23.35	36.35	59.70	74.00	14.30	132	PK	PASS	Horizontal
3	2354.35	24.07	35.96	60.03	74.00	13.97	76	PK	PASS	Horizontal
4	2354.35	10.71	35.96	46.67	54.00	7.33	98	AV	PASS	Horizontal
5	2390.00	22.01	35.93	57.94	74.00	16.06	248	PK	PASS	Horizontal
6	2390.08	10.85	35.93	46.78	54.00	7.22	30	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



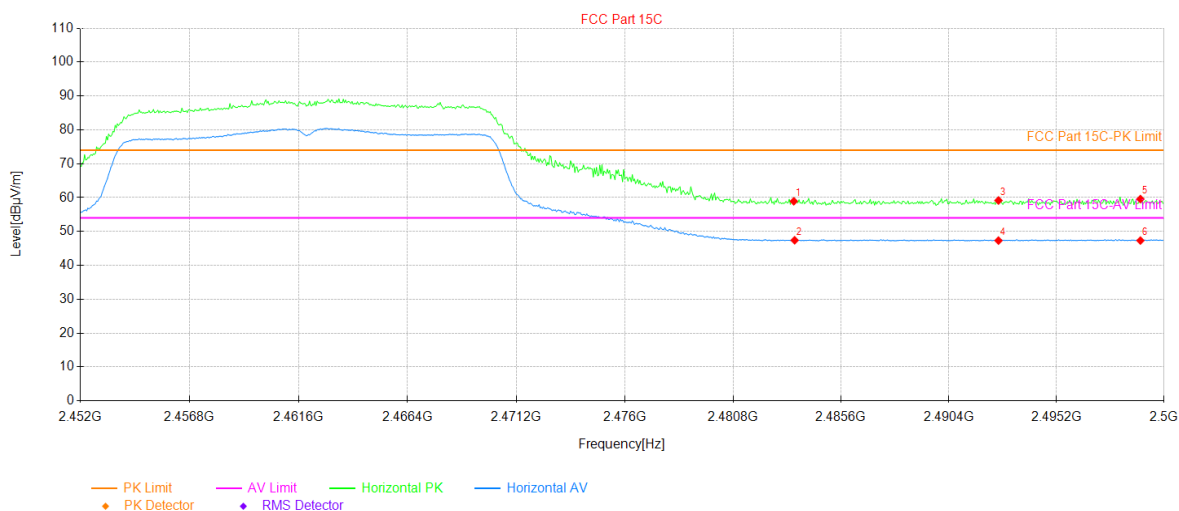
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.15	36.74	58.89	74.00	15.11	84	PK	PASS	Vertical
2	2483.54	10.78	36.74	47.52	54.00	6.48	166	AV	PASS	Vertical
3	2490.54	10.58	36.76	47.34	54.00	6.66	282	AV	PASS	Vertical
4	2490.54	22.57	36.76	59.33	74.00	14.67	356	PK	PASS	Vertical
5	2497.07	22.92	36.78	59.70	74.00	14.30	244	PK	PASS	Vertical
6	2497.07	10.61	36.78	47.39	54.00	6.61	236	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

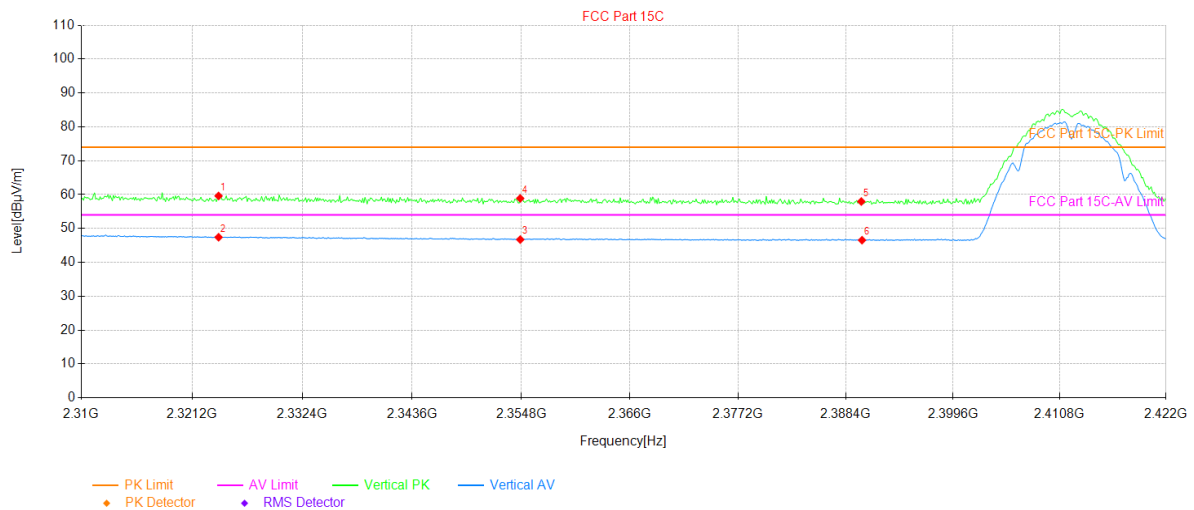
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.18	36.74	58.92	74.00	15.08	194	PK	PASS	Horizontal
2	2483.54	10.67	36.74	47.41	54.00	6.59	228	AV	PASS	Horizontal
3	2492.61	22.39	36.76	59.15	74.00	14.85	134	PK	PASS	Horizontal
4	2492.61	10.55	36.76	47.31	54.00	6.69	354	AV	PASS	Horizontal
5	2498.94	22.79	36.77	59.56	74.00	14.44	127	PK	PASS	Horizontal
6	2498.94	10.55	36.77	47.32	54.00	6.68	134	AV	PASS	Horizontal

Remark:

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

ANT8:

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Kiran Zeng	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



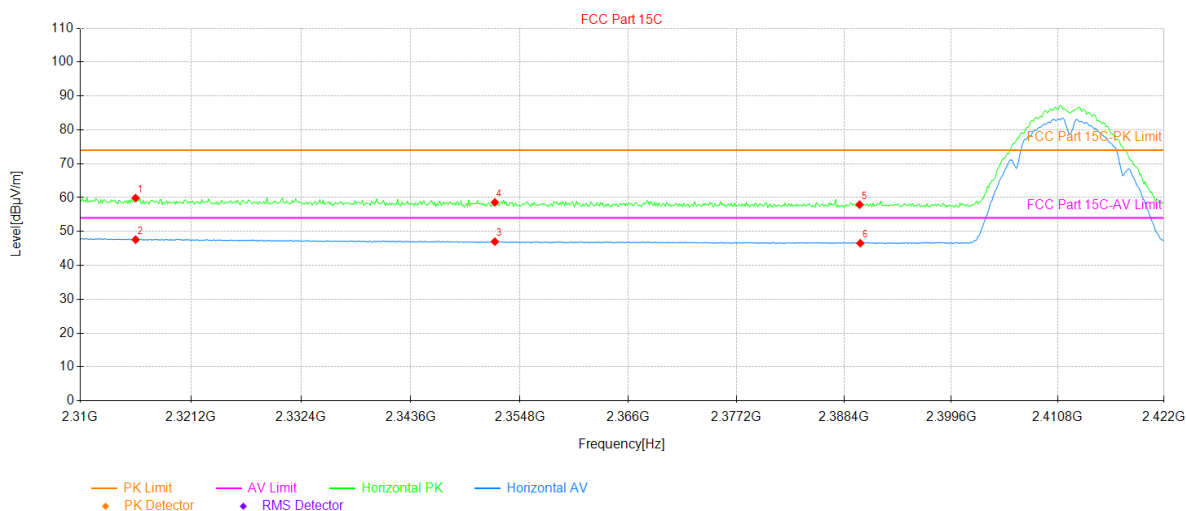
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2323.89	23.26	36.34	59.60	74.00	14.40	32	PK	PASS	Vertical
2	2323.89	11.07	36.34	47.41	54.00	6.59	356	AV	PASS	Vertical
3	2354.69	10.77	35.96	46.73	54.00	7.27	237	AV	PASS	Vertical
4	2354.69	22.92	35.96	58.88	74.00	15.12	144	PK	PASS	Vertical
5	2390.00	22.03	35.93	57.96	74.00	16.04	47	PK	PASS	Vertical
6	2390.08	10.62	35.93	46.55	54.00	7.45	278	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



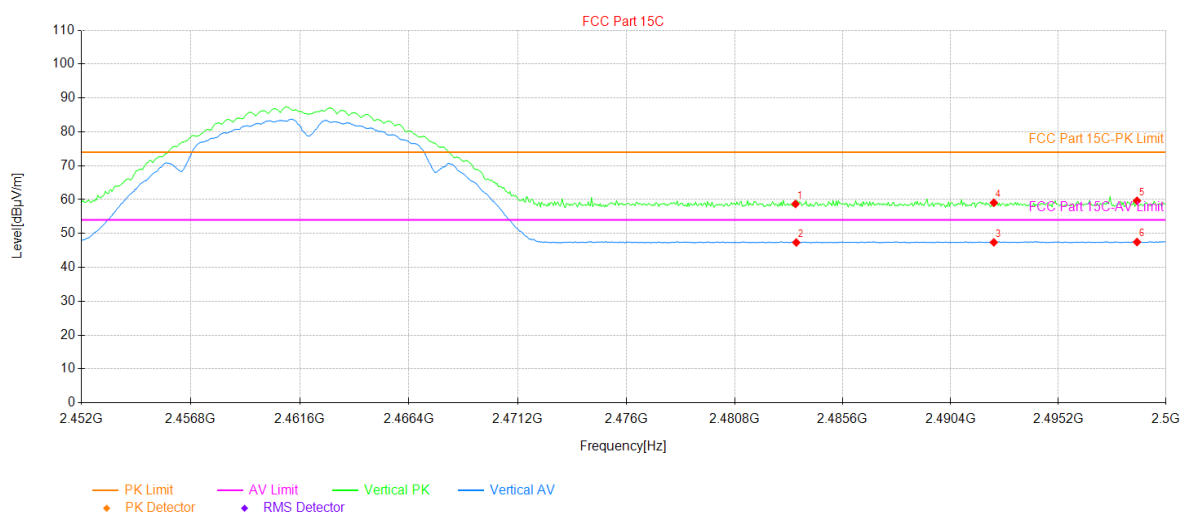
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2315.60	23.38	36.48	59.86	74.00	14.14	41	PK	PASS	Horizontal
2	2315.60	11.11	36.48	47.59	54.00	6.41	238	AV	PASS	Horizontal
3	2352.22	11.03	35.97	47.00	54.00	7.00	350	AV	PASS	Horizontal
4	2352.22	22.62	35.97	58.59	74.00	15.41	354	PK	PASS	Horizontal
5	2390.00	21.99	35.93	57.92	74.00	16.08	220	PK	PASS	Horizontal
6	2390.08	10.60	35.93	46.53	54.00	7.47	268	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



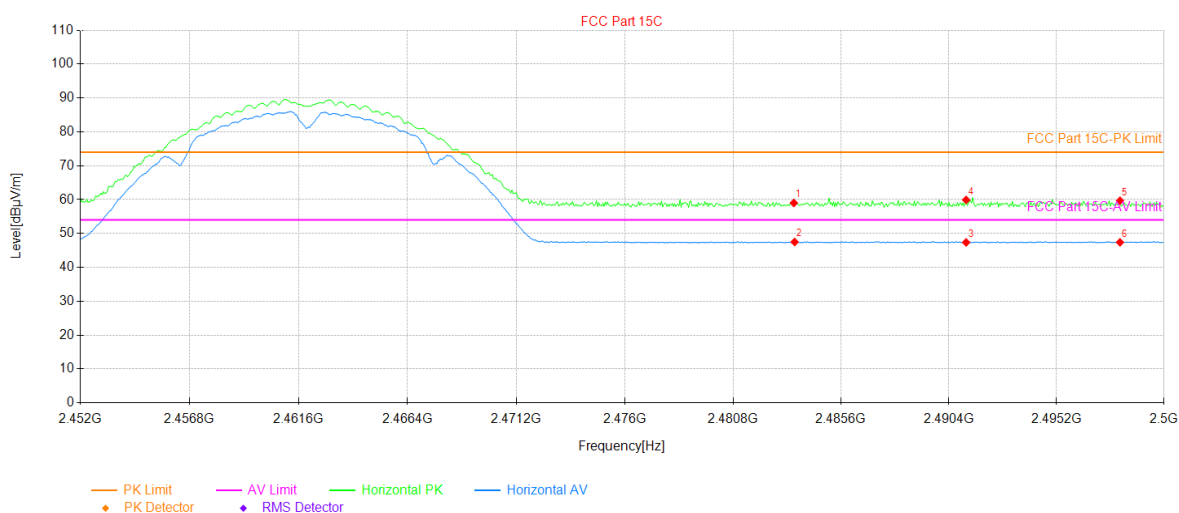
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.97	36.74	58.71	74.00	15.29	28	PK	PASS	Vertical
2	2483.54	10.61	36.74	47.35	54.00	6.65	245	AV	PASS	Vertical
3	2492.32	10.62	36.77	47.39	54.00	6.61	259	AV	PASS	Vertical
4	2492.32	22.30	36.77	59.07	74.00	14.93	358	PK	PASS	Vertical
5	2498.70	22.87	36.77	59.64	74.00	14.36	80	PK	PASS	Vertical
6	2498.70	10.71	36.77	47.48	54.00	6.52	102	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



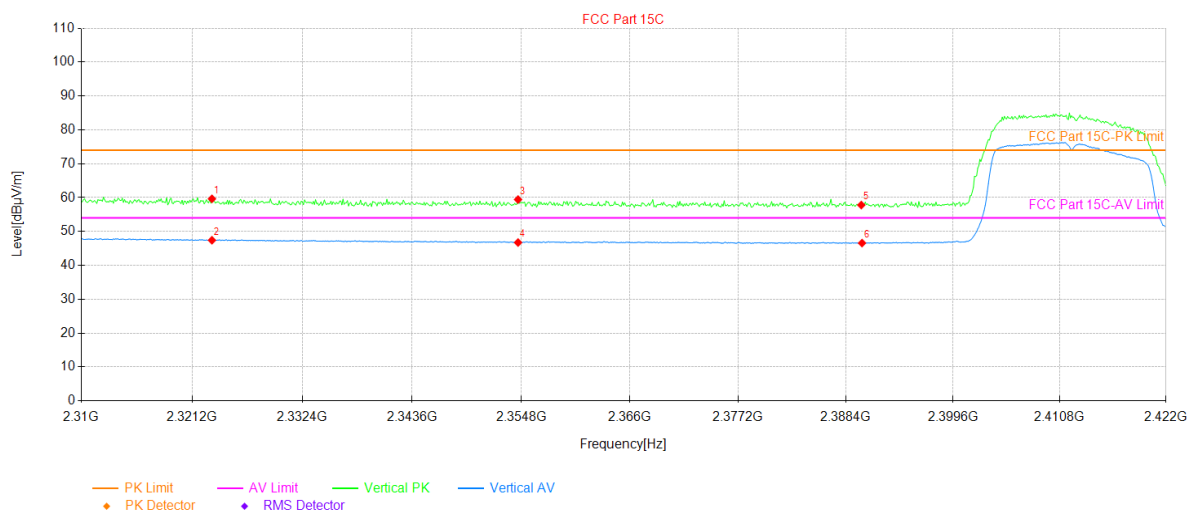
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.26	36.74	59.00	74.00	15.00	268	PK	PASS	Horizontal
2	2483.54	10.76	36.74	47.50	54.00	6.50	359	AV	PASS	Horizontal
3	2491.17	10.61	36.76	47.37	54.00	6.63	250	AV	PASS	Horizontal
4	2491.17	23.15	36.76	59.91	74.00	14.09	284	PK	PASS	Horizontal
5	2498.03	22.90	36.77	59.67	74.00	14.33	2	PK	PASS	Horizontal
6	2498.03	10.62	36.77	47.39	54.00	6.61	135	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



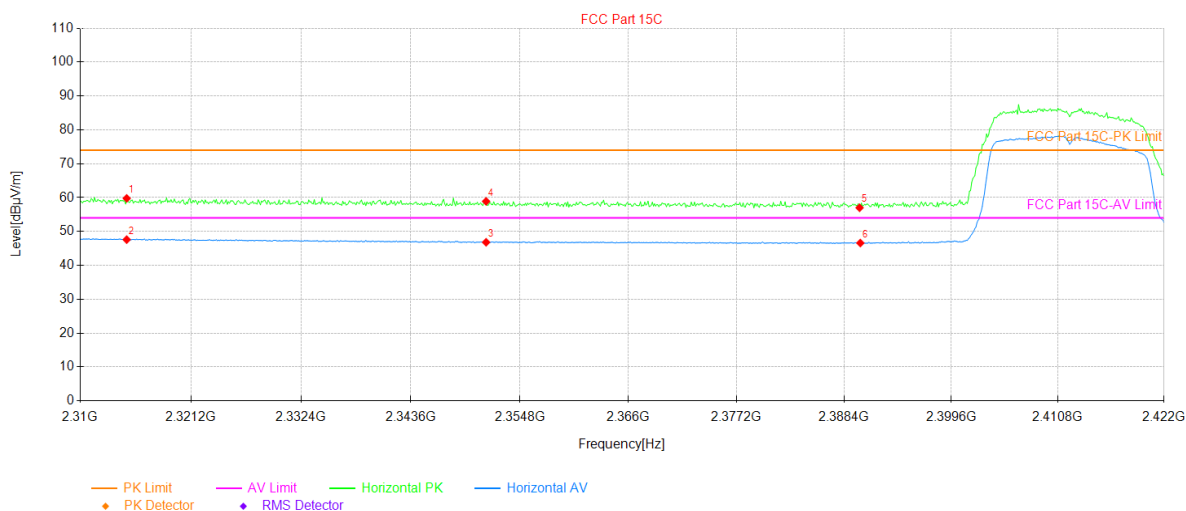
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2323.22	23.30	36.35	59.65	74.00	14.35	0	PK	PASS	Vertical
2	2323.22	11.07	36.35	47.42	54.00	6.58	203	AV	PASS	Vertical
3	2354.46	23.47	35.96	59.43	74.00	14.57	319	PK	PASS	Vertical
4	2354.46	10.78	35.96	46.74	54.00	7.26	237	AV	PASS	Vertical
5	2390.00	21.87	35.93	57.80	74.00	16.20	341	PK	PASS	Vertical
6	2390.08	10.65	35.93	46.58	54.00	7.42	319	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



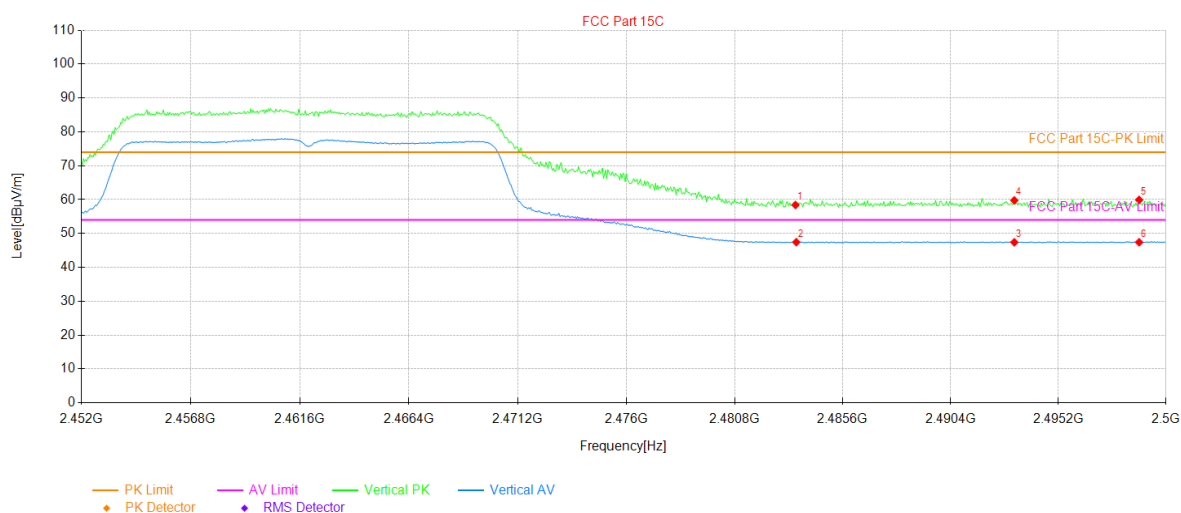
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2314.70	23.28	36.49	59.77	74.00	14.23	2	PK	PASS	Horizontal
2	2314.70	11.11	36.49	47.60	54.00	6.40	201	AV	PASS	Horizontal
3	2351.33	10.85	35.96	46.81	54.00	7.19	298	AV	PASS	Horizontal
4	2351.33	22.93	35.96	58.89	74.00	15.11	198	PK	PASS	Horizontal
5	2390.00	21.08	35.93	57.01	74.00	16.99	231	PK	PASS	Horizontal
6	2390.08	10.66	35.93	46.59	54.00	7.41	291	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



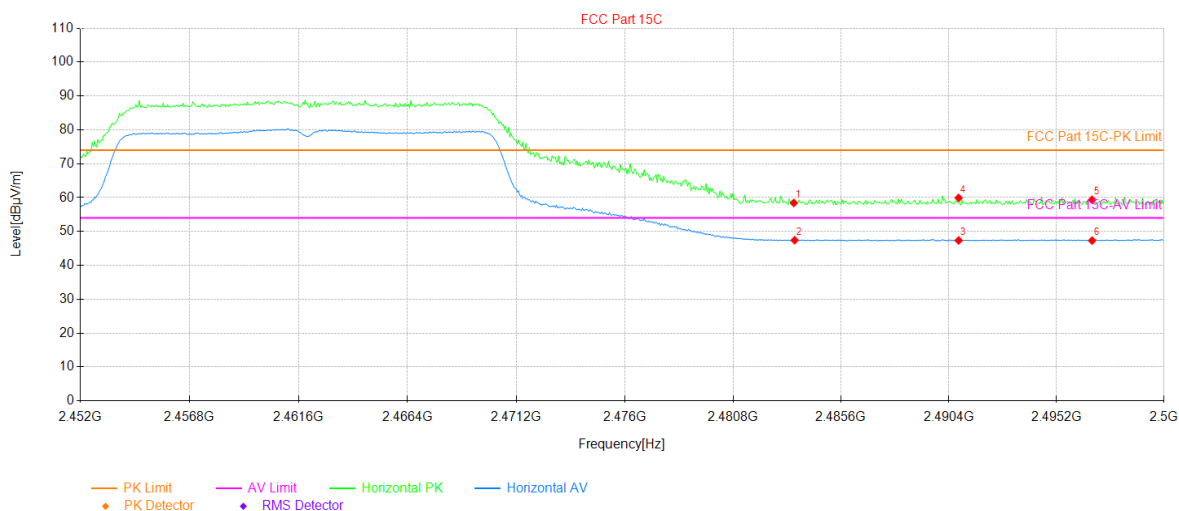
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.67	36.74	58.41	74.00	15.59	270	PK	PASS	Vertical
2	2483.54	10.70	36.74	47.44	54.00	6.56	345	AV	PASS	Vertical
3	2493.23	10.64	36.76	47.40	54.00	6.60	73	AV	PASS	Vertical
4	2493.23	23.01	36.76	59.77	74.00	14.23	322	PK	PASS	Vertical
5	2498.80	23.15	36.77	59.92	74.00	14.08	259	PK	PASS	Vertical
6	2498.80	10.65	36.77	47.42	54.00	6.58	136	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

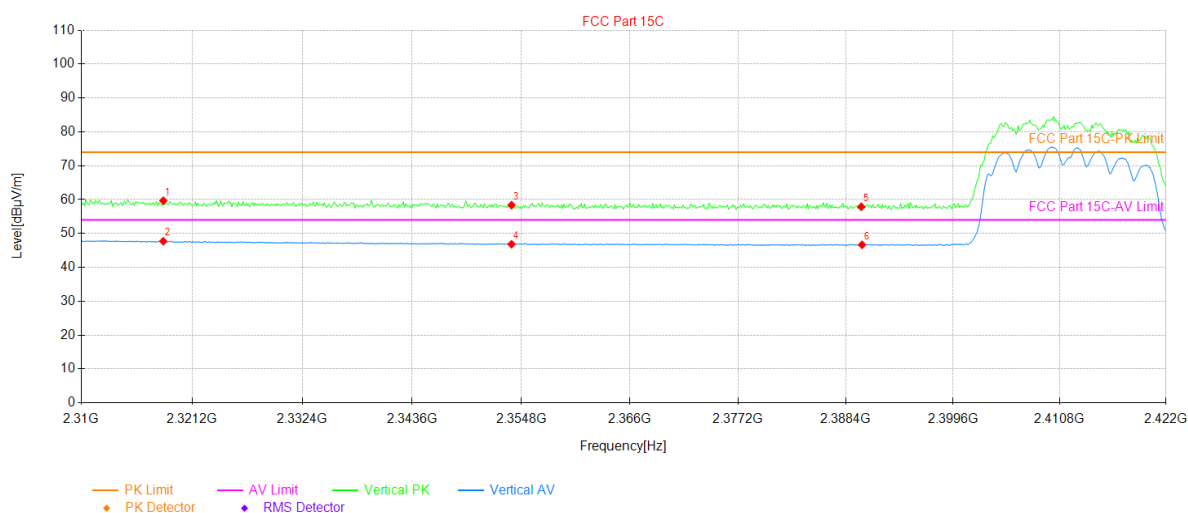
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.68	36.74	58.42	74.00	15.58	125	PK	PASS	Horizontal
2	2483.54	10.68	36.74	47.42	54.00	6.58	92	AV	PASS	Horizontal
3	2490.83	10.60	36.76	47.36	54.00	6.64	243	AV	PASS	Horizontal
4	2490.83	23.15	36.76	59.91	74.00	14.09	19	PK	PASS	Horizontal
5	2496.78	22.60	36.77	59.37	74.00	14.63	340	PK	PASS	Horizontal
6	2496.78	10.54	36.77	47.31	54.00	6.69	262	AV	PASS	Horizontal

Remark:

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

MIMO mode:

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



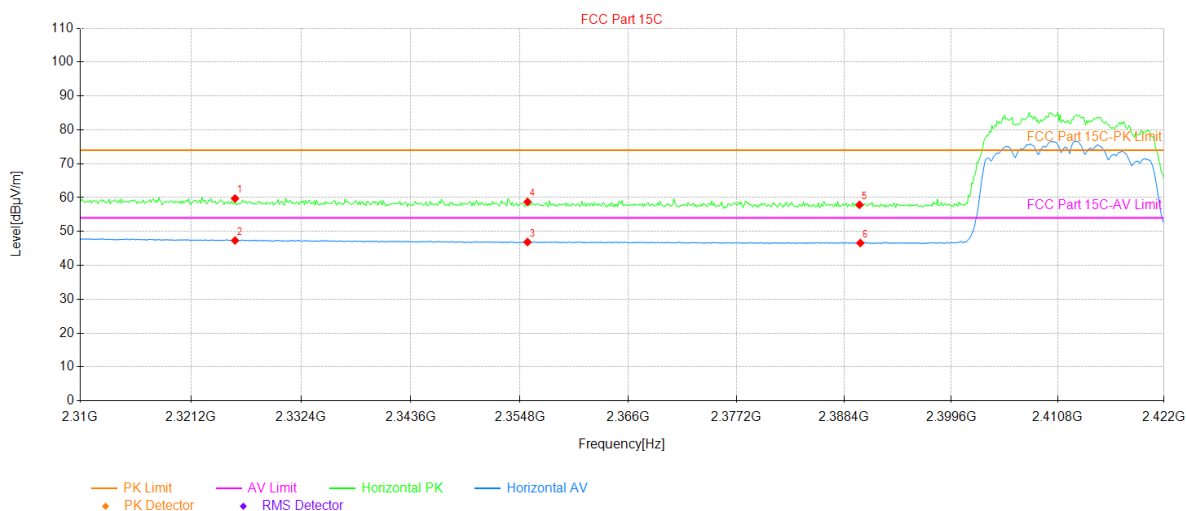
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2318.29	23.23	36.44	59.67	74.00	14.33	352	PK	PASS	Vertical
2	2318.29	11.27	36.44	47.71	54.00	6.29	255	AV	PASS	Vertical
3	2353.79	22.39	35.96	58.35	74.00	15.65	214	PK	PASS	Vertical
4	2353.79	10.87	35.96	46.83	54.00	7.17	341	AV	PASS	Vertical
5	2390.00	21.95	35.93	57.88	74.00	16.12	345	PK	PASS	Vertical
6	2390.08	10.73	35.93	46.66	54.00	7.34	151	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



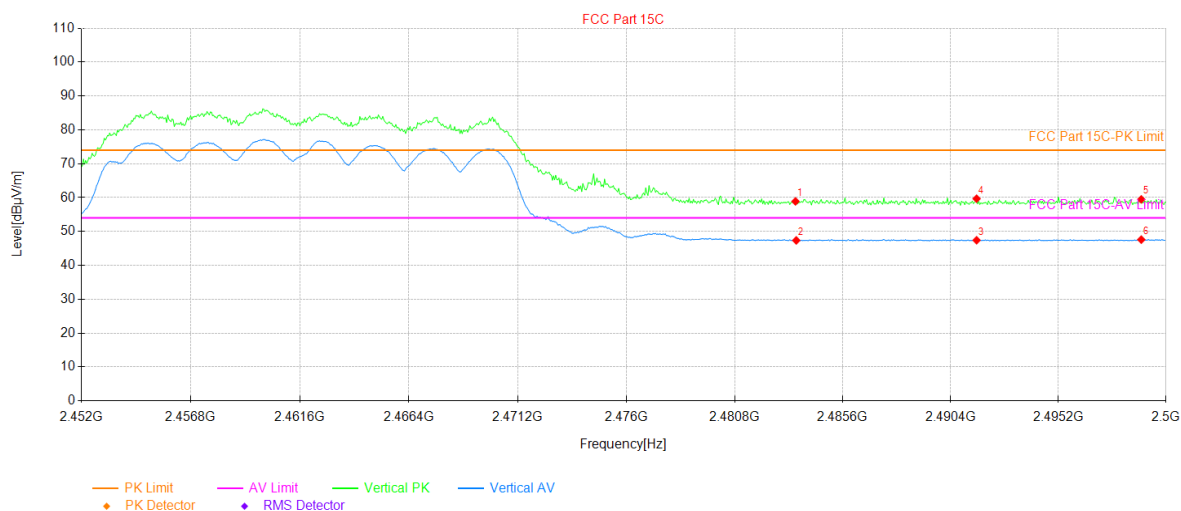
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2325.68	23.42	36.31	59.73	74.00	14.27	343	PK	PASS	Horizontal
2	2325.68	11.03	36.31	47.34	54.00	6.66	23	AV	PASS	Horizontal
3	2355.58	10.91	35.97	46.88	54.00	7.12	30	AV	PASS	Horizontal
4	2355.58	22.76	35.97	58.73	74.00	15.27	149	PK	PASS	Horizontal
5	2390.00	21.93	35.93	57.86	74.00	16.14	34	PK	PASS	Horizontal
6	2390.08	10.68	35.93	46.61	54.00	7.39	183	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



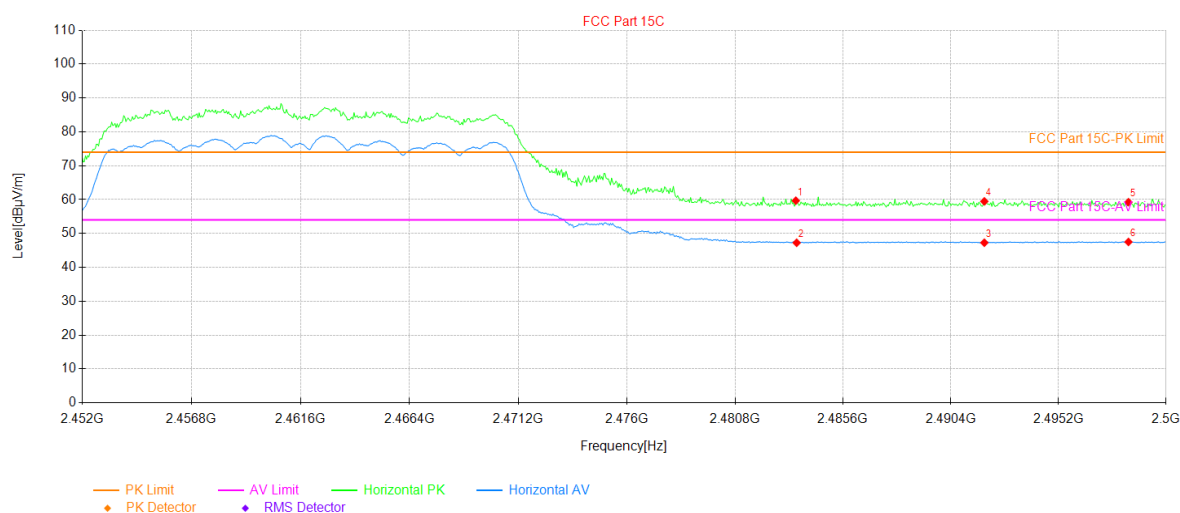
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.14	36.74	58.88	74.00	15.12	67	PK	PASS	Vertical
2	2483.54	10.63	36.74	47.37	54.00	6.63	210	AV	PASS	Vertical
3	2491.55	10.65	36.76	47.41	54.00	6.59	60	AV	PASS	Vertical
4	2491.55	22.92	36.76	59.68	74.00	14.32	60	PK	PASS	Vertical
5	2498.90	22.71	36.77	59.48	74.00	14.52	319	PK	PASS	Vertical
6	2498.90	10.83	36.77	47.60	54.00	6.40	4	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

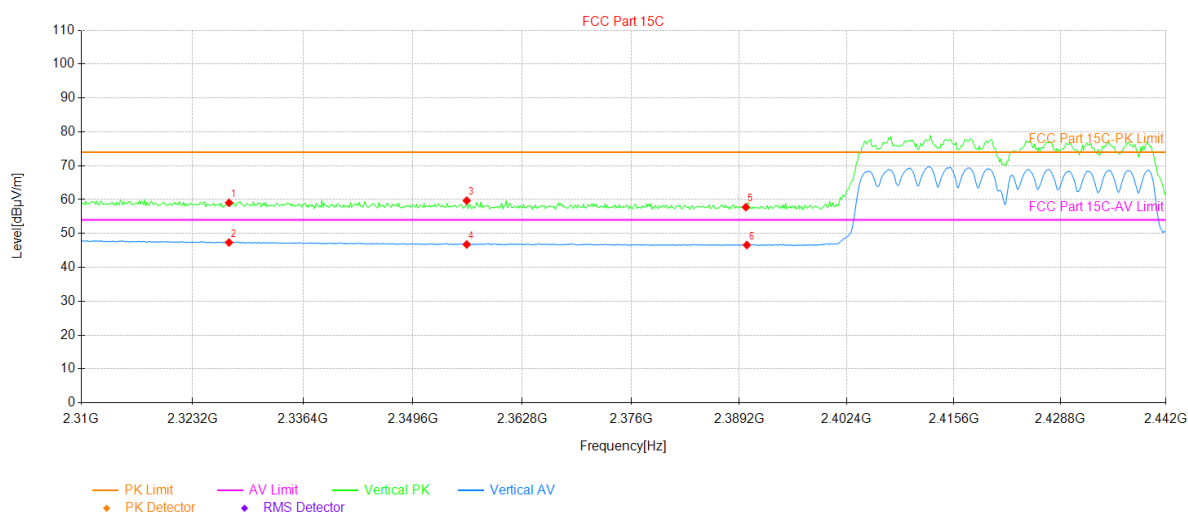
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.94	36.74	59.68	74.00	14.32	317	PK	PASS	Horizontal
2	2483.54	10.52	36.74	47.26	54.00	6.74	15	AV	PASS	Horizontal
3	2491.89	10.51	36.76	47.27	54.00	6.73	302	AV	PASS	Horizontal
4	2491.89	22.72	36.76	59.48	74.00	14.52	167	PK	PASS	Horizontal
5	2498.32	22.47	36.77	59.24	74.00	14.76	360	PK	PASS	Horizontal
6	2498.32	10.73	36.77	47.50	54.00	6.50	223	AV	PASS	Horizontal

Remark:

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

MIMO mode:

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



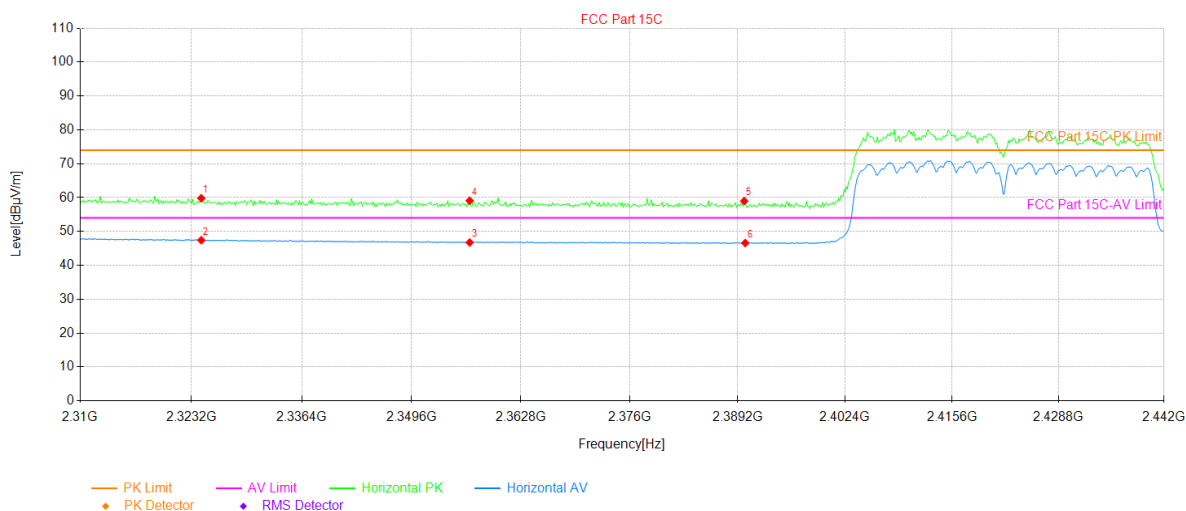
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2327.56	22.77	36.27	59.04	74.00	14.96	352	PK	PASS	Vertical
2	2327.56	11.06	36.27	47.33	54.00	6.67	125	AV	PASS	Vertical
3	2356.07	23.74	35.97	59.71	74.00	14.29	356	PK	PASS	Vertical
4	2356.07	10.79	35.97	46.76	54.00	7.24	51	AV	PASS	Vertical
5	2390.00	21.82	35.93	57.75	74.00	16.25	304	PK	PASS	Vertical
6	2390.12	10.65	35.93	46.58	54.00	7.42	293	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



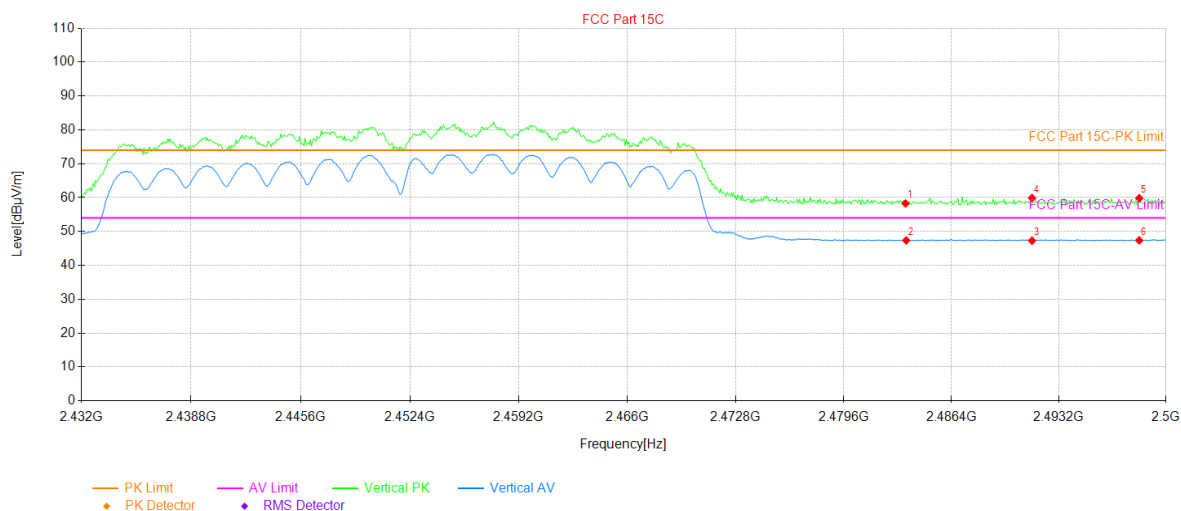
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2324.39	23.49	36.33	59.82	74.00	14.18	57	PK	PASS	Horizontal
2	2324.39	11.10	36.33	47.43	54.00	6.57	30	AV	PASS	Horizontal
3	2356.60	10.80	35.96	46.76	54.00	7.24	247	AV	PASS	Horizontal
4	2356.60	23.13	35.96	59.09	74.00	14.91	213	PK	PASS	Horizontal
5	2390.00	23.05	35.93	58.98	74.00	15.02	68	PK	PASS	Horizontal
6	2390.12	10.65	35.93	46.58	54.00	7.42	131	AV	PASS	Horizontal

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT40 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 3.87V		



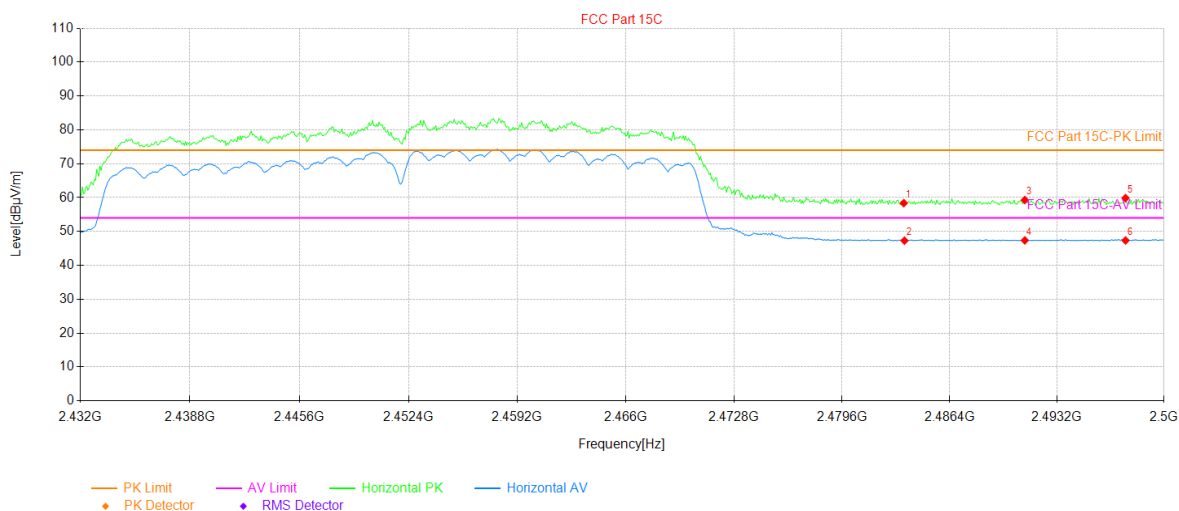
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.52	36.74	58.26	74.00	15.74	29	PK	PASS	Vertical
2	2483.54	10.61	36.74	47.35	54.00	6.65	248	AV	PASS	Vertical
3	2491.50	10.53	36.76	47.29	54.00	6.71	358	AV	PASS	Vertical
4	2491.50	23.13	36.76	59.89	74.00	14.11	341	PK	PASS	Vertical
5	2498.30	23.02	36.77	59.79	74.00	14.21	122	PK	PASS	Vertical
6	2498.30	10.62	36.77	47.39	54.00	6.61	103	AV	PASS	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Robin Gu	Test mode:	802.11n-HT40 Tx mode
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]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.62	36.74	58.36	74.00	15.64	30	PK	PASS	Horizontal
2	2483.54	10.55	36.74	47.29	54.00	6.71	228	AV	PASS	Horizontal
3	2491.16	22.52	36.76	59.28	74.00	14.72	251	PK	PASS	Horizontal
4	2491.16	10.62	36.76	47.38	54.00	6.62	112	AV	PASS	Horizontal
5	2497.55	23.09	36.77	59.86	74.00	14.14	168	PK	PASS	Horizontal
6	2497.55	10.59	36.77	47.36	54.00	6.64	355	AV	PASS	Horizontal

Remark:

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

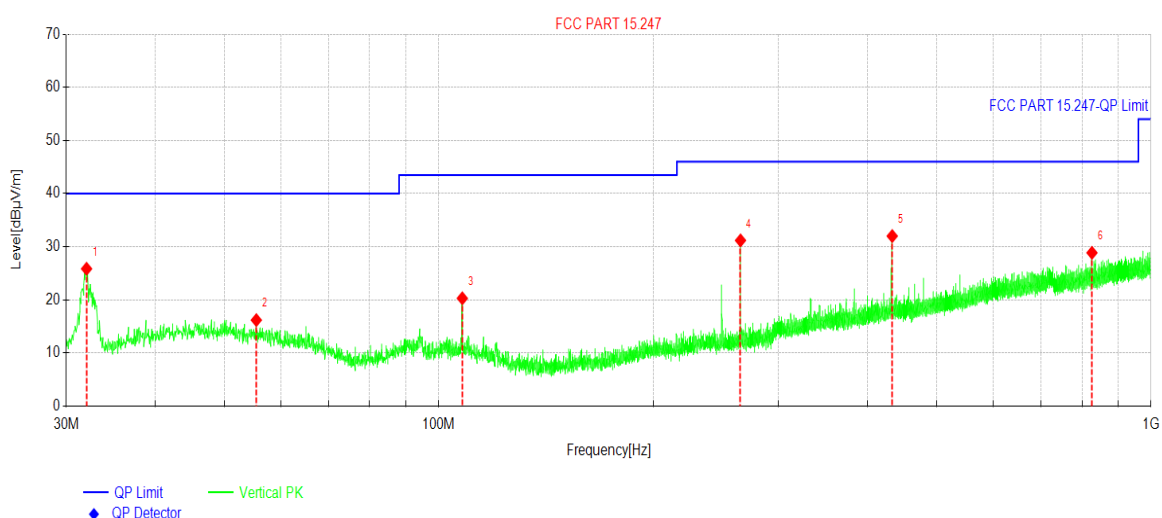
5.5 Emissions in Non-restricted Frequency Bands

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:	Smart Phone	Product Model:	GQ5017
Test By:	Kiran Zeng	Test mode:	2.4G Wi-Fi mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 3.87V		



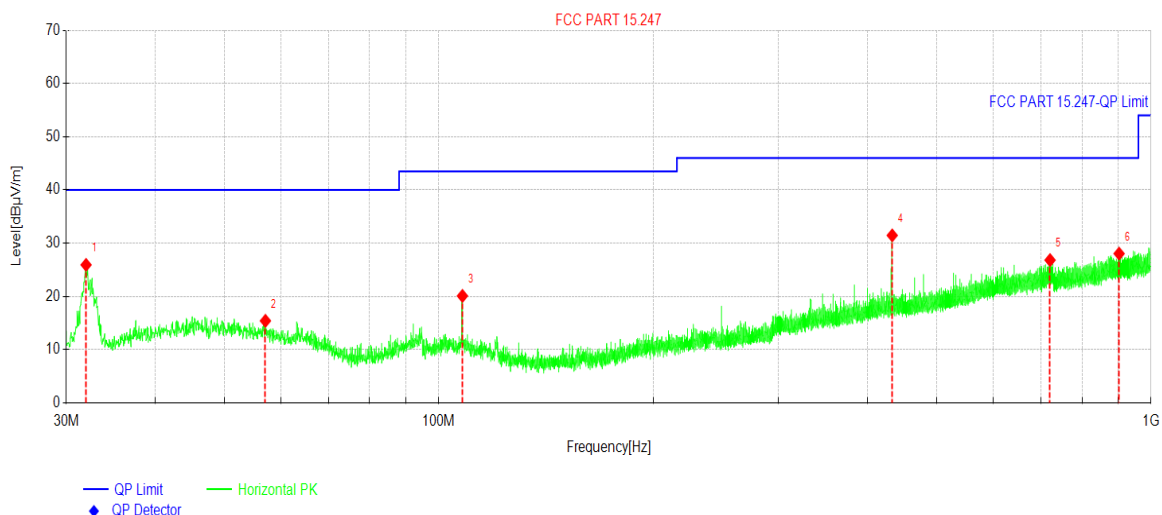
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	32.0371	41.48	-15.64	25.84	40.00	14.16	PK	Vertical
2	55.4638	29.24	-13.05	16.19	40.00	23.81	PK	Vertical
3	107.9434	34.51	-14.22	20.29	43.50	23.21	PK	Vertical
4	265.2853	44.51	-13.33	31.18	46.00	14.82	PK	Vertical
5	433.2492	41.83	-9.83	32.00	46.00	14.00	PK	Vertical
6	826.3128	32.31	-3.46	28.85	46.00	17.15	PK	Vertical

Remark:

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

Product Name:	Smart Phone	Product Model:	GQ5017
Test By:	Kiran Zeng	Test mode:	2.4G Wi-Fi mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	31.9886	41.57	-15.64	25.93	40.00	14.07	PK	Horizontal
2	57.1129	28.86	-13.45	15.41	40.00	24.59	PK	Horizontal
3	107.9919	34.31	-14.22	20.09	43.50	23.41	PK	Horizontal
4	433.2492	41.29	-9.83	31.46	46.00	14.54	PK	Horizontal
5	721.5961	31.57	-4.75	26.82	46.00	19.18	PK	Horizontal
6	902.0736	30.32	-2.28	28.04	46.00	17.96	PK	Horizontal

Remark:

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

Above 1GHz

802.11b – ANT0						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	49.00	-7.92	41.08	74.00	32.92	Vertical
4824.00	48.14	-7.92	40.22	74.00	33.78	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.62	-7.92	31.70	54.00	22.30	Vertical
4824.00	39.58	-7.92	31.66	54.00	22.34	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.22	-7.55	41.67	74.00	32.33	Vertical
4874.00	48.28	-7.55	40.73	74.00	33.27	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.47	-7.55	31.92	54.00	22.08	Vertical
4874.00	39.83	-7.55	32.28	54.00	21.72	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	48.87	-7.21	41.66	74.00	32.34	Vertical
4924.00	48.74	-7.21	41.53	74.00	32.47	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.03	-7.21	31.82	54.00	22.18	Vertical
4924.00	39.99	-7.21	32.78	54.00	21.22	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.						

802.11g – ANT0						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.65	-7.82	40.83	74.00	33.17	Vertical
4824.00	48.59	-7.82	40.77	74.00	33.23	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.17	-7.82	31.35	54.00	22.65	Vertical
4824.00	39.35	-7.82	31.53	54.00	22.47	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.93	-7.50	41.43	74.00	32.57	Vertical
4874.00	48.09	-7.50	40.59	74.00	33.41	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.48	-7.50	31.98	54.00	22.02	Vertical
4874.00	39.75	-7.50	32.25	54.00	21.75	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.09	-7.21	41.88	74.00	32.12	Vertical
4924.00	48.98	-7.21	41.77	74.00	32.23	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.45	-7.21	32.24	54.00	21.76	Vertical
4924.00	40.26	-7.21	33.05	54.00	20.95	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.						

802.11b – ANT8						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.26	-7.92	40.34	74.00	33.66	Vertical
4824.00	48.19	-7.92	40.27	74.00	33.73	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.14	-7.92	31.22	54.00	22.78	Vertical
4824.00	39.29	-7.92	31.37	54.00	22.63	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.12	-7.55	40.57	74.00	33.43	Vertical
4874.00	47.84	-7.55	40.29	74.00	33.71	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.55	-7.55	32.00	54.00	22.00	Vertical
4874.00	39.44	-7.55	31.89	54.00	22.11	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	47.70	-7.21	40.49	74.00	33.51	Vertical
4924.00	47.84	-7.21	40.63	74.00	33.37	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.81	-7.21	32.60	54.00	21.40	Vertical
4924.00	39.50	-7.21	32.29	54.00	21.71	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.						

802.11g – ANT8						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.13	-7.82	40.31	74.00	33.69	Vertical
4824.00	48.29	-7.82	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
4824.00	38.78	-7.82	30.96	54.00	23.04	Vertical
4824.00	39.00	-7.82	31.18	54.00	22.82	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	47.79	-7.50	40.29	74.00	33.71	Vertical
4874.00	47.60	-7.50	40.10	74.00	33.90	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.79	-7.50	32.29	54.00	21.71	Vertical
4874.00	39.12	-7.50	31.62	54.00	22.38	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	47.70	-7.21	40.49	74.00	33.51	Vertical
4924.00	48.05	-7.21	40.84	74.00	33.16	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.75	-7.21	32.54	54.00	21.46	Vertical
4924.00	39.37	-7.21	32.16	54.00	21.84	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.						

802.11n-HT20 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	48.93	-7.82	41.11	74.00	32.89	Vertical
4824.00	48.76	-7.82	40.94	74.00	33.06	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	38.70	-7.82	30.88	54.00	23.12	Vertical
4824.00	39.41	-7.82	31.59	54.00	22.41	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.55	-7.50	41.05	74.00	32.95	Vertical
4874.00	47.73	-7.50	40.23	74.00	33.77	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.01	-7.50	31.51	54.00	22.49	Vertical
4874.00	39.38	-7.50	31.88	54.00	22.12	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	48.72	-7.21	41.51	74.00	32.49	Vertical
4924.00	48.99	-7.21	41.78	74.00	32.22	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.54	-7.21	32.33	54.00	21.67	Vertical
4924.00	40.01	-7.21	32.80	54.00	21.20	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.						

802.11n-HT40 – MIMO						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	48.68	-7.65	41.03	74.00	32.97	Vertical
4844.00	48.68	-7.65	41.03	74.00	32.97	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4844.00	39.21	-7.65	31.56	54.00	22.44	Vertical
4844.00	38.51	-7.65	30.86	54.00	23.14	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.09	-7.50	40.59	74.00	33.41	Vertical
4874.00	47.15	-7.50	39.65	74.00	34.35	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.83	-7.50	32.33	54.00	21.67	Vertical
4874.00	39.25	-7.50	31.75	54.00	22.25	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	47.98	-7.35	40.63	74.00	33.37	Vertical
4904.00	47.76	-7.35	40.41	74.00	33.59	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4904.00	39.79	-7.35	32.44	54.00	21.56	Vertical
4904.00	39.46	-7.35	32.11	54.00	21.89	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-----