



Test report No:
2630831R.701B

FCC TEST REPORT

Product Name	Wireless Mini ECG_Pulse_Resp Module
Model and /or type reference	uVWMERP
Trademark	
FCC ID	2AQ9V-MS88SFA
Applicant's name / address	Shanghai United Imaging Healthcare Co., Ltd. No.2258 Chengbei Road, Jiading District, Shanghai,201807,P.R.China
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu/ Project Engineer 
Approved by (name / position & signature)	Frank He/Technical Manager 
Date of issue	2026-05-06
Report Version	V1.0
Report template No	Template_FCC Part 15C-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Mar. 24, 2026
Date (start test)	Mar. 26, 2026
Date (finish test)	Apr. 15, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2630831R.701B	V1.0	Initial issue of report.	2026-05-06

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.247).
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);
 - Chapter 1.2 Channel List.

USED EQUIPMENT

Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Wireless Connectivity Tester	R&S	CMW 270	102593	2026.01.24	2027.01.23	V 4.0.60	N/A
Coaxial Cable	N/A	N/A	2477	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2478	2025.06.10	2026.06.09	N/A	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2026.01.11	2027.01.10	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16	N/A	N/A
Test system							
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Spectrum Analyzer	Agilent	N9010A	MY48030494	2025.09.20	2026.09.19	A.14.03	N/A
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.12.07	2026.12.06	N/A	N/A
Vector Signal Generator	R&S	SMM 100A	101853	2026.01.18	2027.01.17	5.00.166.23	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2026.01.18	2027.01.17	B.01.95	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.0.22

Radiated Emission(9KHz-1GHz) / AC2

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	Firmware Version	Software Version
Anechoic chamber	Quietek	9m*6m*6m	AC2	2024.07.07	2027.07.06	N/A	N/A
EMI Test Receiver	R&S	ESCI	100573	2025.12.07	2026.12.06	4.42 SP2	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2026.03.11	2027.03.10	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-021	2025.04.30	2026.04.29	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Radiated Emission (1GHz-40GHz) / AC5

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date	Firmware Version	Software Version
Anechoic chamber	Quietek	9m*6m*6m	AC5	2024.07.07	2027.07.06	N/A	N/A
DRG Horn Antenna	ETS-Lindgren	3117	167055	2025.08.14	2026.08.13	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2026.03.01	2027.02.28	N/A	N/A
MXA Signal Analyzer	Keysight	N9020B	MY60112218	2026.01.18	2027.01.17	A.31.05	N/A
Pre-Amplifier	XH	LNA1845	LNA23040284	2026.03.26	2027.03.25	N/A	N/A
Pre-Amplifier	CY	EMC184045SE	980263	2025.05.10	2026.05.09	N/A	N/A
Filter Switch Box	MVE	MSW-F196	C070001S	2026.01.24	2027.01.23	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-001	2025.08.22	2026.08.21	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-024	2025.04.30	2026.04.29	N/A	N/A
Test Software	Tonscend	JS1120	JS36-RE	N/A	N/A	N/A	V5.0.0

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95% .

Test item Test Location	Uncertainty
AC Power Line Conducted Emission	± 2.92 dB
Peak Power Output	± 1.13 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.60 dB 200MHz~1GHz: 4.10 dB Vertical: 30MHz~200MHz: 4.80 dB 200MHz~1GHz: 4.10 dB
Radiated Emission(1GHz~40GHz)	Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB Horizontal: 18GHz~40GHz: 4.70 dB Vertical: 18GHz~40GHz: 4.60 dB
RF antenna conducted test	± 1.13 dB
Radiated Emission Band Edge	± 5.00 dB
DTS Bandwidth	± 279 Hz
Occupied Bandwidth	± 279 Hz
Power Density	± 1.13 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name:	Wireless Mini ECG_Pulse_Resp Module	
Model Name:	uVWMERP	
Trademark.:		
FCC ID:	2AQ9V-MS88SFA	
Power Supply:	3.7Vdc	
Hardware Version:	V02	
Software Version:	V05R00P00B12	
Manufacturer:	Shanghai United Imaging Healthcare Co., Ltd.	
Manufacturer Address:	No.2258 Chengbei Road, Jiading District, Shanghai,201807,P.R.China	
Test Matrix/ IMEI:	RF Conducted	#1
	RSE	#2
Wireless specification:	2.4G SRD	
Operating frequency range(s):	2410~2475MHz	
Antenna Type:	PCB Antenna	
Antenna Gain:	2.83 dBi	

Remark:

As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information.

1.2 Channel List

Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2410 MHz	01	2415 MHz	02	2420 MHz	03	2425 MHz
04	2430 MHz	05	2435 MHz	06	2440 MHz	07	2445 MHz
08	2450 MHz	09	2455 MHz	10	2460 MHz	11	2465 MHz
12	2470 MHz	13	2475 MHz	--	--	--	--

Note: The General Description of the Item, Channel List in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Auxiliary equipment /Accessories/Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	ThinkPad T14	Lenovo	Adapter
(2) USB Control Cable	N/A	N/A	N/A
(3) USB Control Cable	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
Putty	N/A	N/A	N/A

2.2 Power setting in test

Channel	Frequency (MHz)	Power setting
00	2410	20
07	2445	20
13	2475	20

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
CFR 47, FCC Part 15 C	2024	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

Requirement – Test Item of FCC	Standard(s)	Verdict	Remark
Maximum conducted output power	15.247 (b)(3)	PASS	Test data please refer to Appendix A
Band edge measurements	FCC 15.247(d) FCC 15.205 FCC 15.209	PASS	Test data please refer to Appendix B
Emissions in Restricted Bands	FCC 15.205 FCC 15.209	PASS	Test data please refer to Appendix C
Antenna Requirement	FCC 15.203	PASS	---
Note1: This report concerns the installation of an RF module in a Cardiac Radar Handheld. The RF output power and RSE test results on the EUT are to demonstrate compliance with C2PC. The original RF module test report has FCC ID: 2AQ9V-MS88SFA, test report number 2580789R.701C, which was prepared by DEKRA Testing and Certification (Suzhou) Co., Ltd. Note2: The radiation measurement is pre tested under X, Y, and Z axis positioning to find the worst placement for final testing.			

3.4 Test Facility

Test site name :	DEKRA Testing and Certification (Suzhou) Co., Ltd.
Tset address :	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
FCC Designation Number:	CN1199

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 Maximum Conducted Output Power

VERDICT: PASS

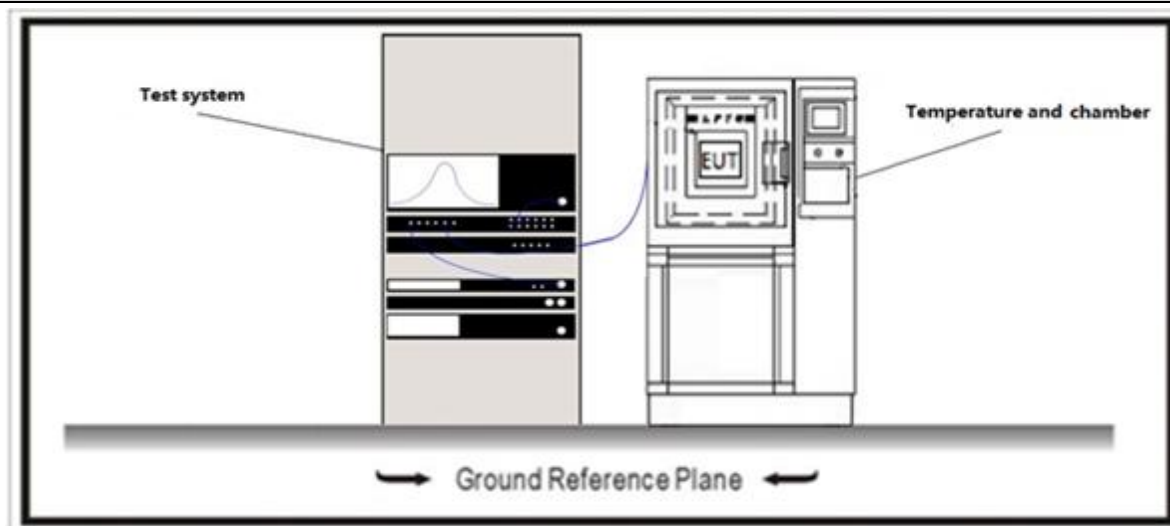
4.1.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247 (b)(3);
☒	GTX < 6dBi	Pout ≤ 30dBm
☐	GTX > 6dBi	
☐	Non-Fix point-point	Pout ≤ 30 - (GTX - 6)
☐	Fix point-point	Pout ≤ 30 - [(GTX - 6)]/3
☐	Point-to-multipoint	Pout ≤ 30 - (GTX - 6)
☐	Overlap Beams	Pout ≤ 30 - [(GTX - 6)]/3
☐	Aggregate power transmitted simultaneously on all beams	Pout ≤ 30 - [(GTX - 6)]/3
☐	single directional beam	Pout ≤ 30 - [(GTX - 6)]/3 + 8dB

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum peak conducted output power .

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule			Chapter	Description		
☒	ANSI C63.10			11.9	Fundamental emission output power		
	☒	ANSI C63.10			11.9.1	Maximum peak conducted output power	
		☐	ANSI C63.10	11.9.1.1	RBW ≥ DTS bandwidth		
		☐	ANSI C63.10	11.9.1.2	Integrated band power method		
		☐	ANSI C63.10	11.9.1.3	PKPM1 Peak power meter method		
	☐	ANSI C63.10			11.9.2	Maximum conducted (average) output power	
		☐	ANSI C63.10			11.9.2.2	Measurement using a spectrum analyzer (SA)
			☐	ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle ≥98%)	
			☐	ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle ≥98%)	
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle ≤98%)	
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle ≤98%)	
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-3	
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-3A	
		☐	ANSI C63.10			11.9.2.3	Measurement using a power meter (PM)
		☒	ANSI C63.10	11.9.2.3.1	Method AVGPM		
		☐	ANSI C63.10	11.9.2.3.2	Method AVGPM-G		

4.2 Band Edge Measurements

VERDICT: PASS

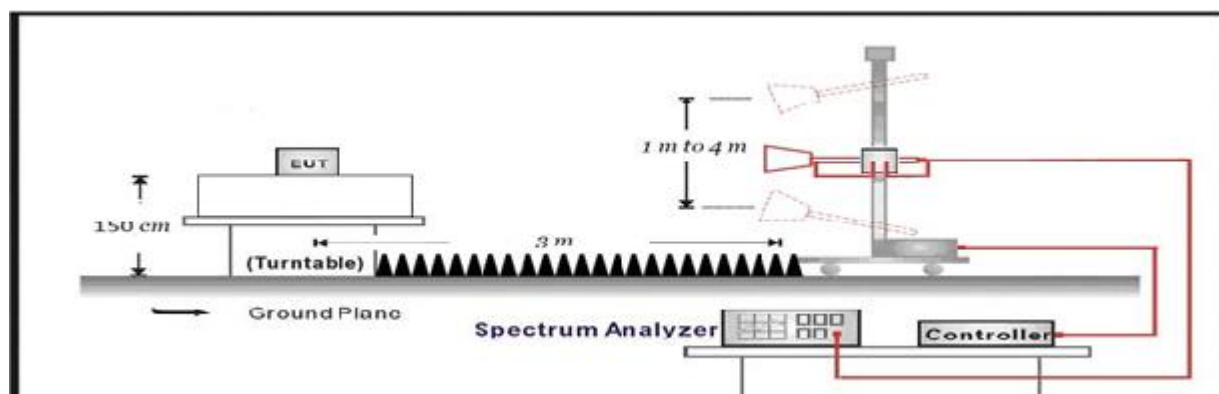
4.2.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.209;		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

4.2.2 Test Setup

Above 1GHz Test Setup:



4.2.3 Test Procedure

	References Rule	Chapter	Description
☒	ANSI C63.10	6.10	Band-edge testing
☒	ANSI C63.10	6.10.5	Restricted-band band-edge measurements
☐	ANSI C63.10	6.10.6	Marker-delta method
☒	ANSI C63.10	11.12	Emissions in restricted frequency bands
☒	ANSI C63.10	11.12.1	Radiated emission measurements
☒	ANSI C63.10	11.12.2.7	Radiated spurious emission test
☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Emissions in Restricted Bands**VERDICT: PASS****4.3.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15.205

Restricted Bands of operation

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

Restricted Band Emissions Limit

FCC Part 15 Subpart C Paragraph 15.209

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

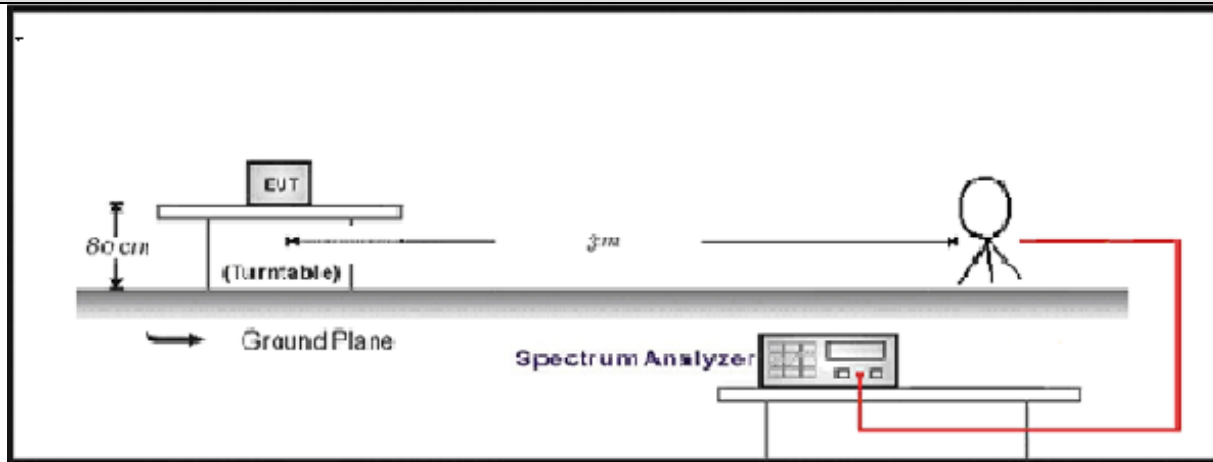
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be

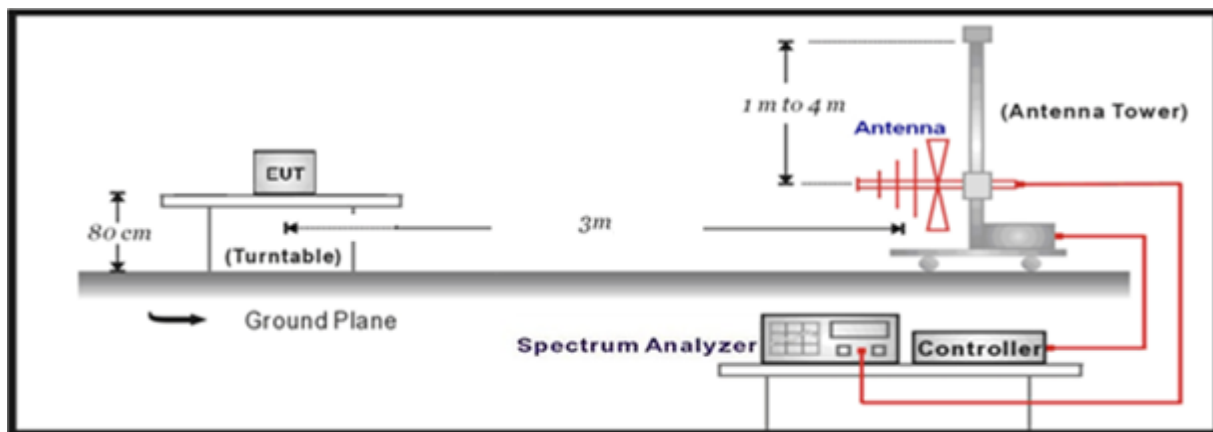
performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.3.2 Test Setup

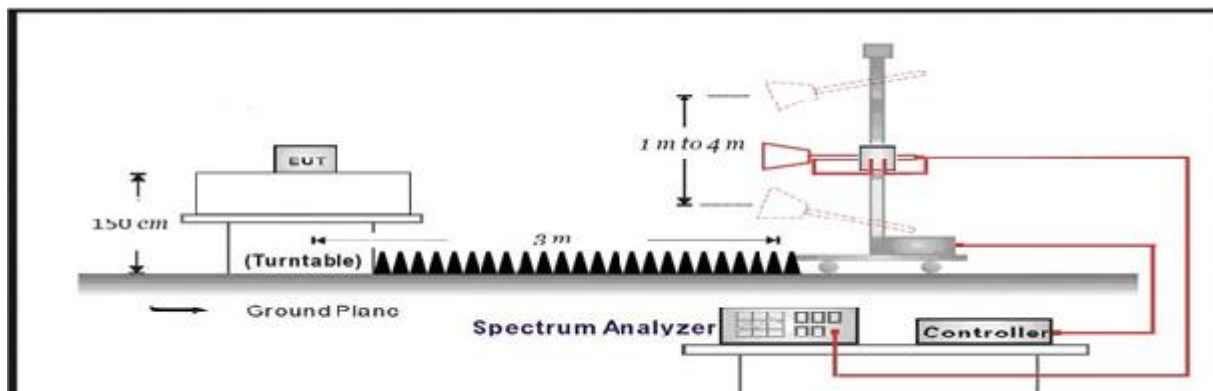
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.3.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10	11.12.1	Radiated emission measurements
	☒	ANSI C63.10	11.12.2.7	Radiated spurious emission test
		☒ ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
		☒ ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
		☒ ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.4 Antenna Requirement**VERDICT: PASS****4.4.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 15.203;

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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.4.2 Antenna Connector Construction:

The use of a permanently attached antenna



The antenna use of a unique coupling to the intentional radiator



The use of a nonstandard antenna jack or electrical connector

Please refer to the attached document "Internal Photograph" to show the antenna connector.

5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

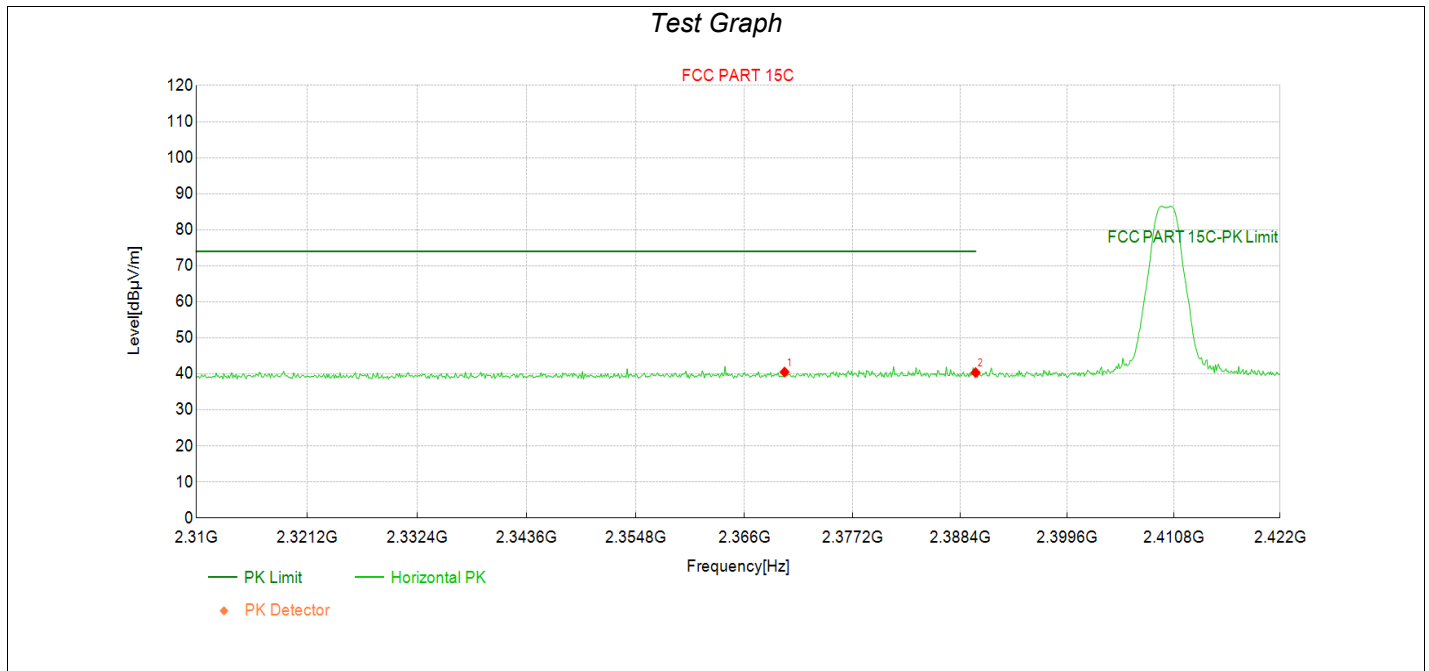
6 TEST RESULT

Appendix A: Maximum conducted output power

TestMode	Antenna	Frequency[MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2410	3.36	≤30	PASS
	Ant1	2445	3.69	≤30	PASS
	Ant1	2475	4.22	≤30	PASS

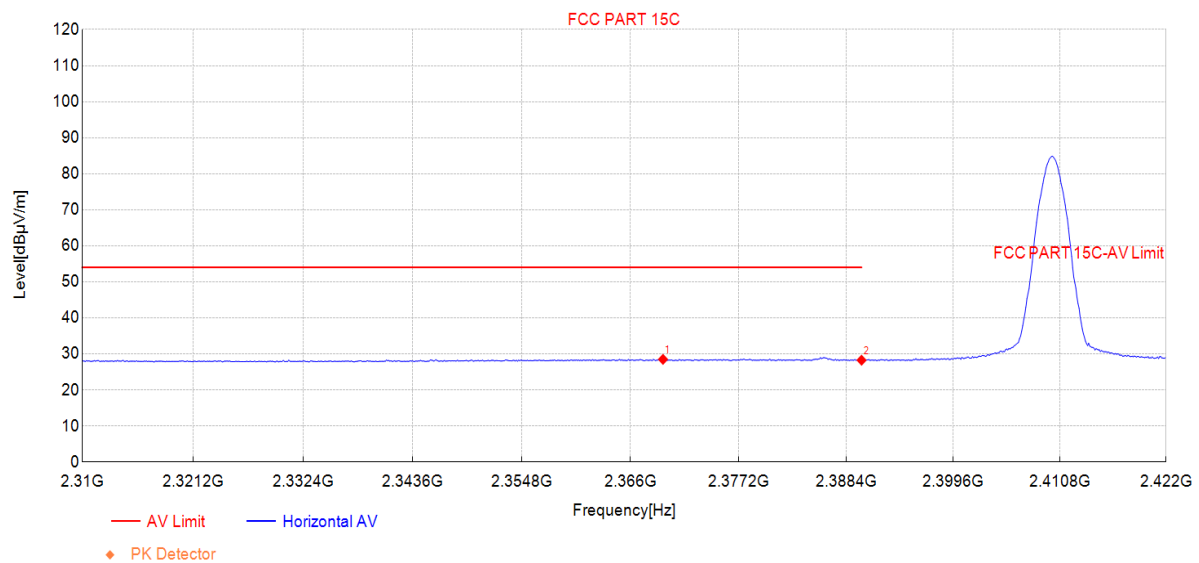
Appendix B: Band edge measurements

Transmit at 2410MHz



Data List

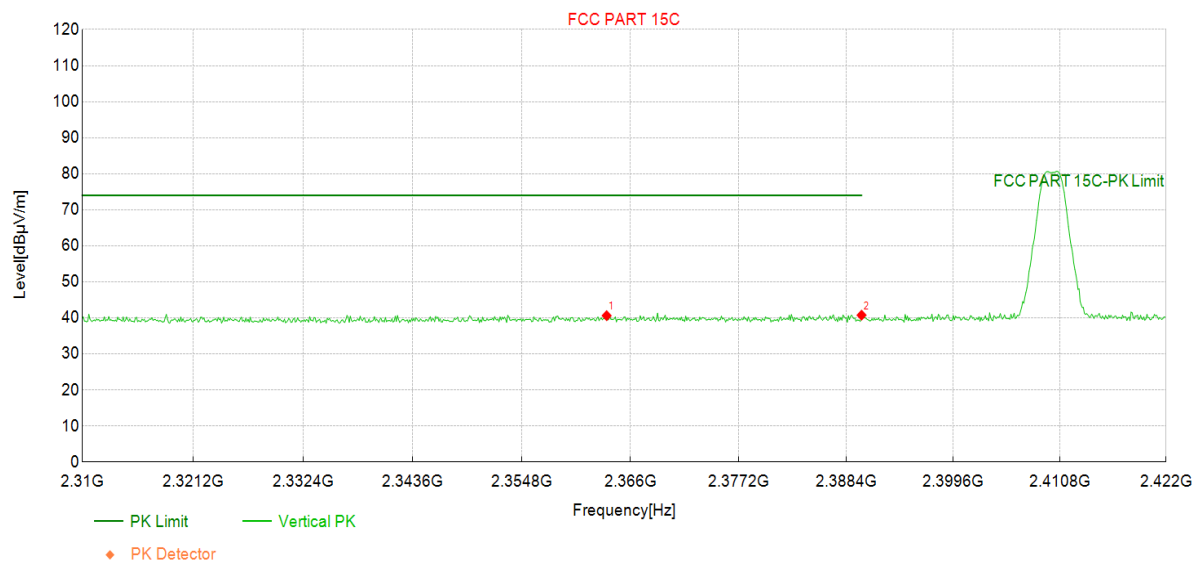
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2370.14	40.6	40.50	-0.110	74.00	33.50	PK	Horizo	PASS
2	2390.00	40.5	40.36	-0.090	74.00	33.64	PK	Horizo	PASS

Transmit at 2410MHz**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2369.36	28.6	28.50	-0.110	54.00	25.50	AV	Horizo	PASS
2	2390.00	28.4	28.26	-0.090	54.00	25.74	AV	Horizo	PASS

Transmit at 2410MHz

Test Graph

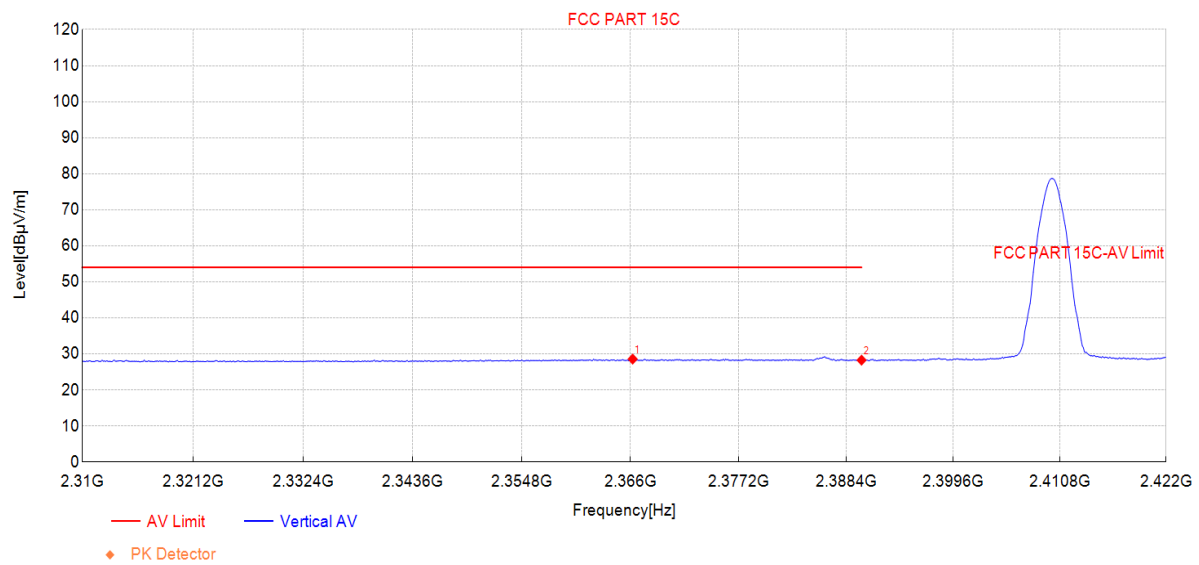


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2363.54	40.7	40.62	-0.110	74.00	33.38	PK	Vertic	PASS
2	2390.00	40.9	40.76	-0.090	74.00	33.24	PK	Vertic	PASS

Transmit at 2410MHz

Test Graph

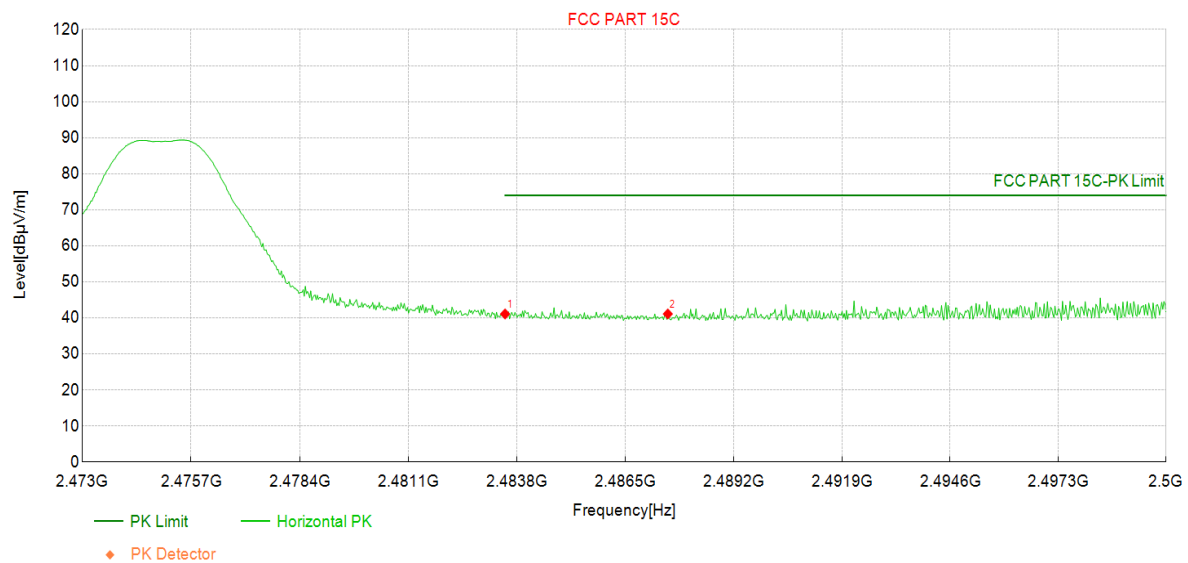


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2366.22	28.7	28.57	-0.110	54.00	25.43	AV	Vertic	PASS
2	2390.00	28.4	28.28	-0.090	54.00	25.72	AV	Vertic	PASS

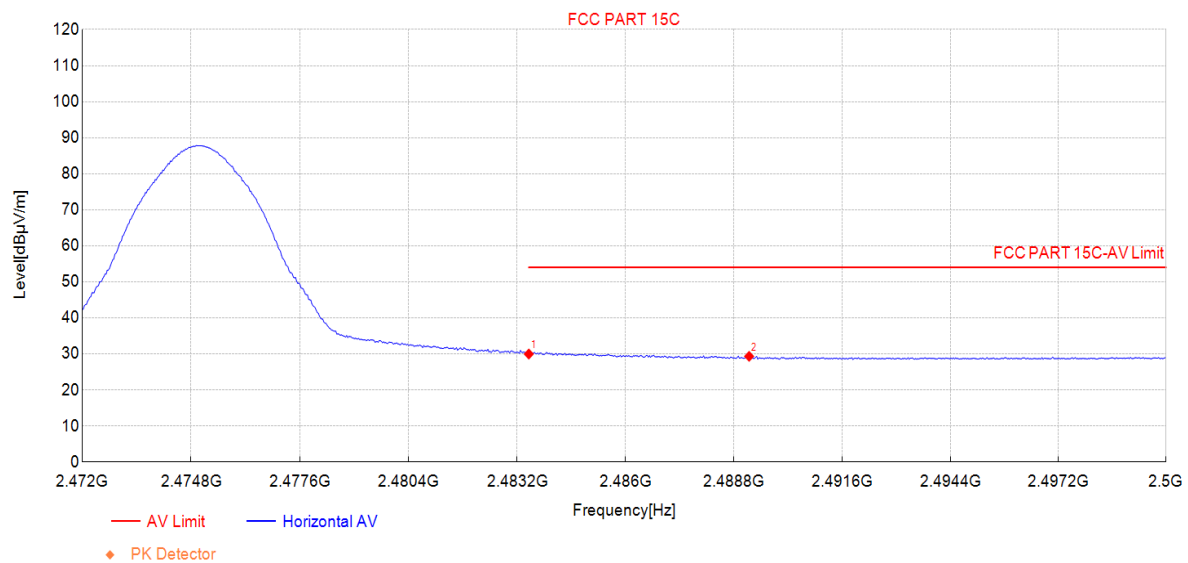
Transmit at 2475MHz

Test Graph



Data List

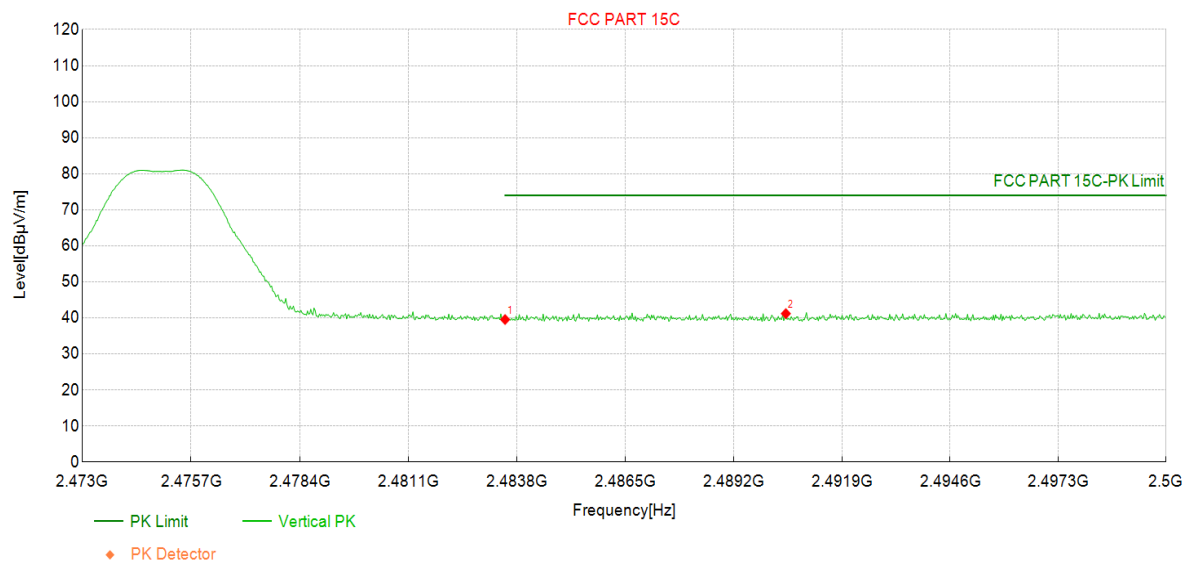
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	41.0	41.08	0.100	74.00	32.92	PK	Horizo	PASS
2	2487.55	41.0	41.10	0.120	74.00	32.90	PK	Horizo	PASS

Transmit at 2475MHz*Test Graph***Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	29.9	29.97	0.100	54.00	24.03	AV	Horizo	PASS
2	2489.19	29.2	29.33	0.130	54.00	24.67	AV	Horizo	PASS

Transmit at 2475MHz

Test Graph

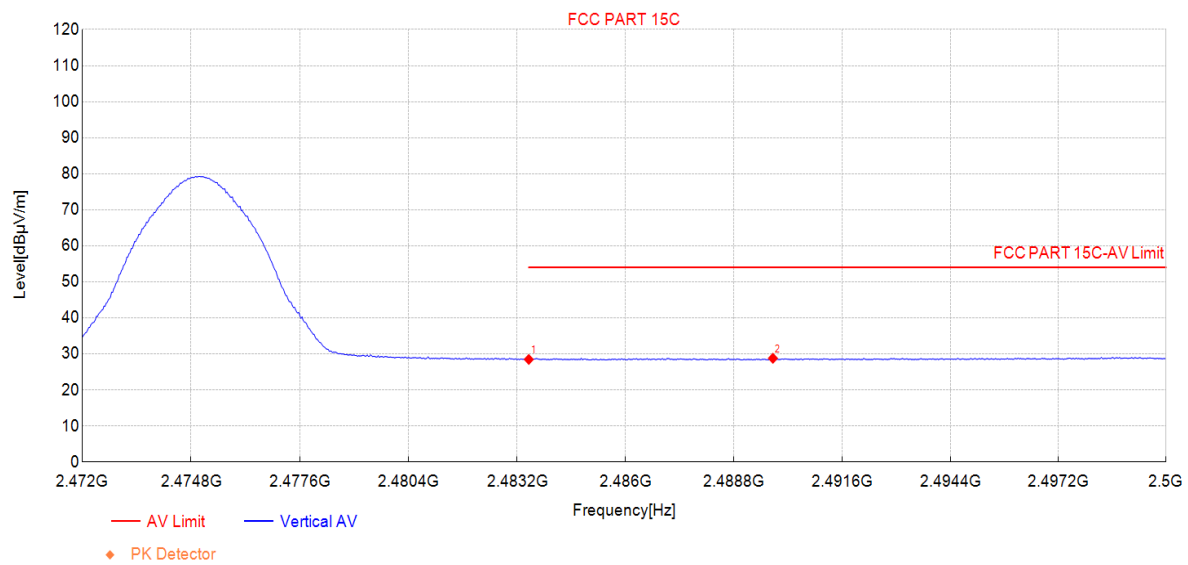


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	39.4	39.54	0.100	74.00	34.46	PK	Vertic	PASS
2	2490.50	41.1	41.19	0.130	74.00	32.81	PK	Vertic	PASS

Transmit at 2475MHz

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	28.4	28.47	0.100	54.00	25.53	AV	Vertic	PASS
2	2489.81	28.7	28.79	0.130	54.00	25.21	AV	Vertic	PASS

Note:

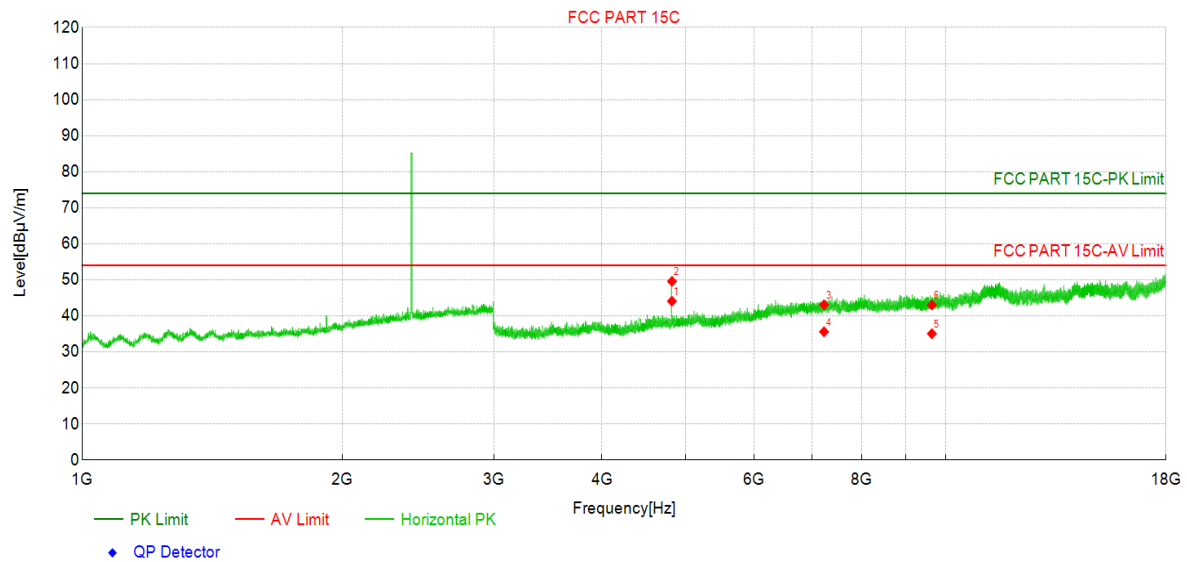
1. Level = Reading + Factor

2. Margin = Limit - Level

Appendix C: Emissions in Restricted Bands

Transmit at 2410MHz

Test Graph

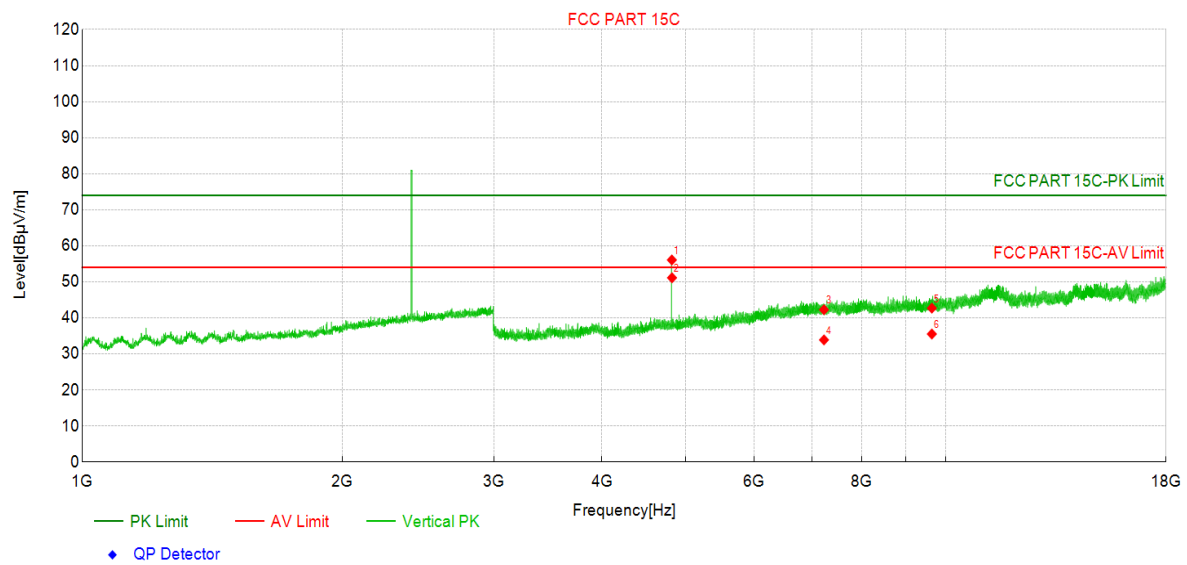


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4819.50	53.0	44.08	-8.900	54.00	9.92	AV	Horizo	PASS
2	4821.00	58.5	49.59	-8.890	74.00	24.41	PK	Horizo	PASS
3	7230.00	45.2	43.08	-2.120	74.00	30.92	PK	Horizo	PASS
4	7230.00	37.7	35.59	-2.120	54.00	18.41	AV	Horizo	PASS
5	9640.00	34.3	35.07	0.800	54.00	18.93	AV	Horizo	PASS
6	9640.00	42.2	43.02	0.800	74.00	30.98	PK	Horizo	PASS

Transmit at 2410MHz

Test Graph

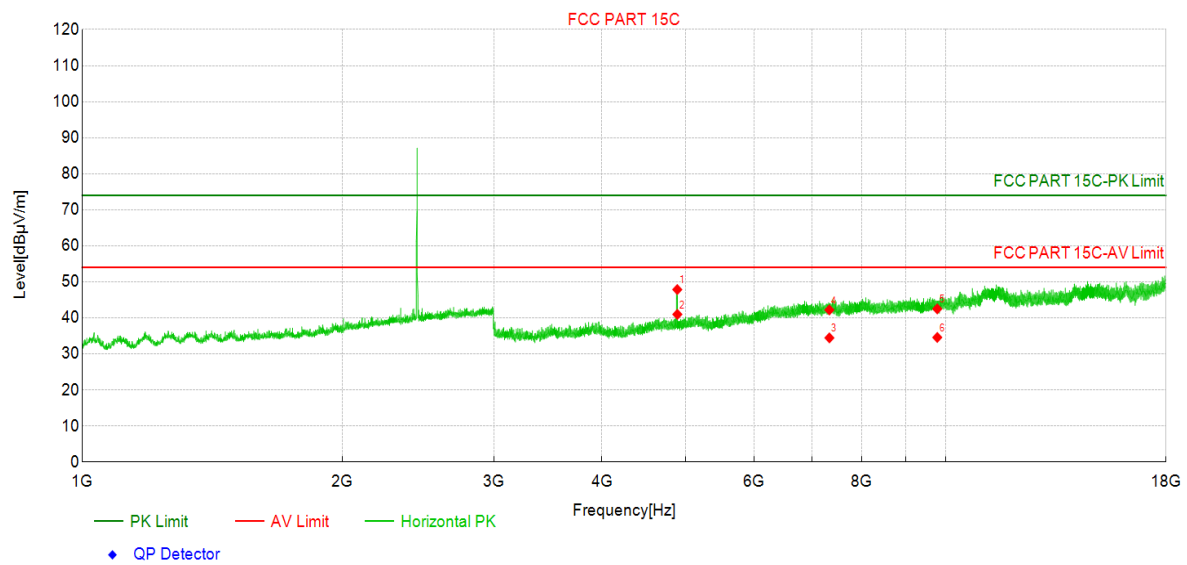


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4819.00	65.0	56.07	-8.900	74.00	17.93	PK	Vertic	PASS
2	4820.50	60.0	51.13	-8.890	54.00	2.87	AV	Vertic	PASS
3	7230.00	44.4	42.27	-2.120	74.00	31.73	PK	Vertic	PASS
4	7230.00	36.0	33.89	-2.120	54.00	20.11	AV	Vertic	PASS
5	9640.00	41.9	42.71	0.800	74.00	31.29	PK	Vertic	PASS
6	9640.00	34.7	35.53	0.800	54.00	18.47	AV	Vertic	PASS

Transmit at 2445MHz

Test Graph

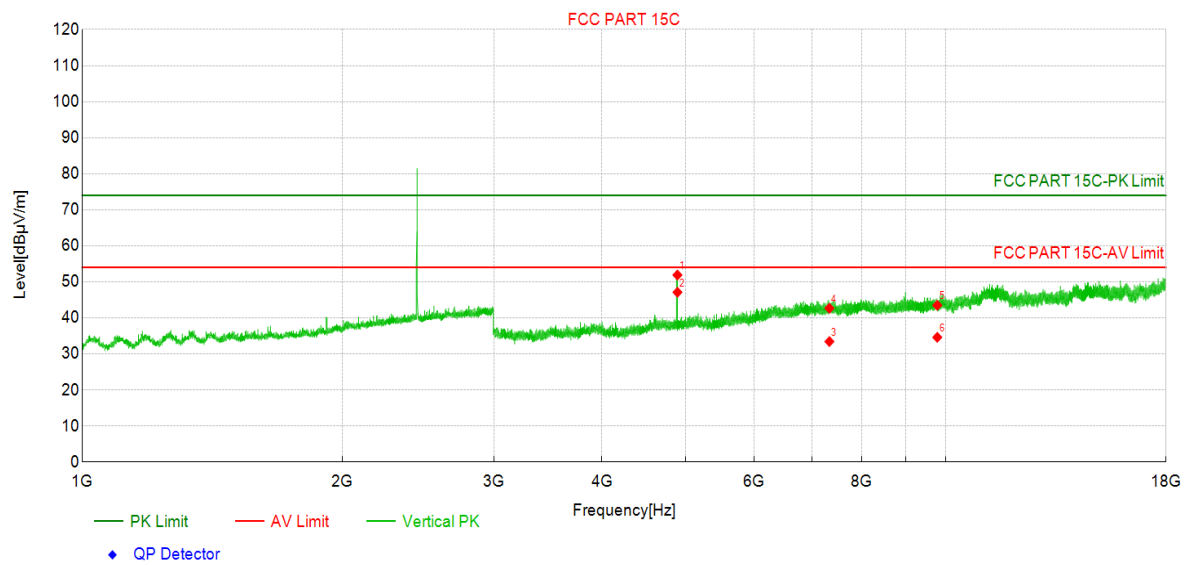


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4889.00	56.4	47.86	-8.540	74.00	26.14	PK	Horizo	PASS
2	4890.00	49.5	40.98	-8.530	54.00	13.02	AV	Horizo	PASS
3	7335.00	36.2	34.45	-1.770	54.00	19.55	AV	Horizo	PASS
4	7335.00	44.0	42.21	-1.770	74.00	31.79	PK	Horizo	PASS
5	9780.00	41.7	42.50	0.820	74.00	31.50	PK	Horizo	PASS
6	9780.00	33.8	34.58	0.820	54.00	19.42	AV	Horizo	PASS

Transmit at 2445MHz

Test Graph

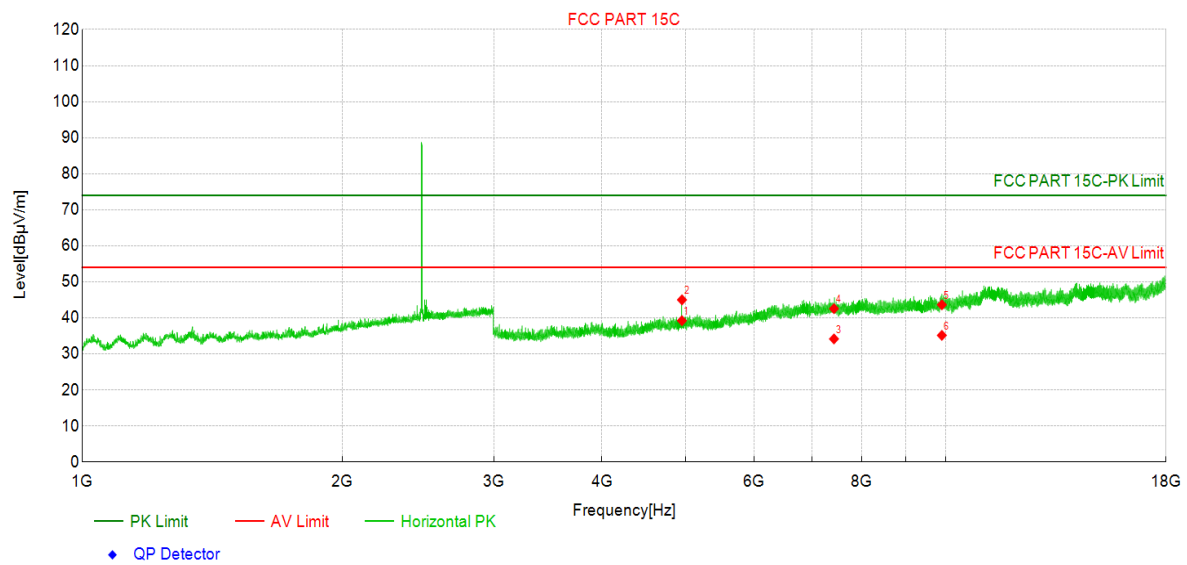


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4891.00	60.4	51.89	-8.530	74.00	22.11	PK	Vertic	PASS
2	4891.50	55.6	47.11	-8.520	54.00	6.89	AV	Vertic	PASS
3	7335.00	35.2	33.44	-1.770	54.00	20.56	AV	Vertic	PASS
4	7335.00	44.4	42.67	-1.770	74.00	31.33	PK	Vertic	PASS
5	9780.00	42.7	43.50	0.820	74.00	30.50	PK	Vertic	PASS
6	9780.00	33.8	34.61	0.820	54.00	19.39	AV	Vertic	PASS

Transmit at 2475MHz

Test Graph

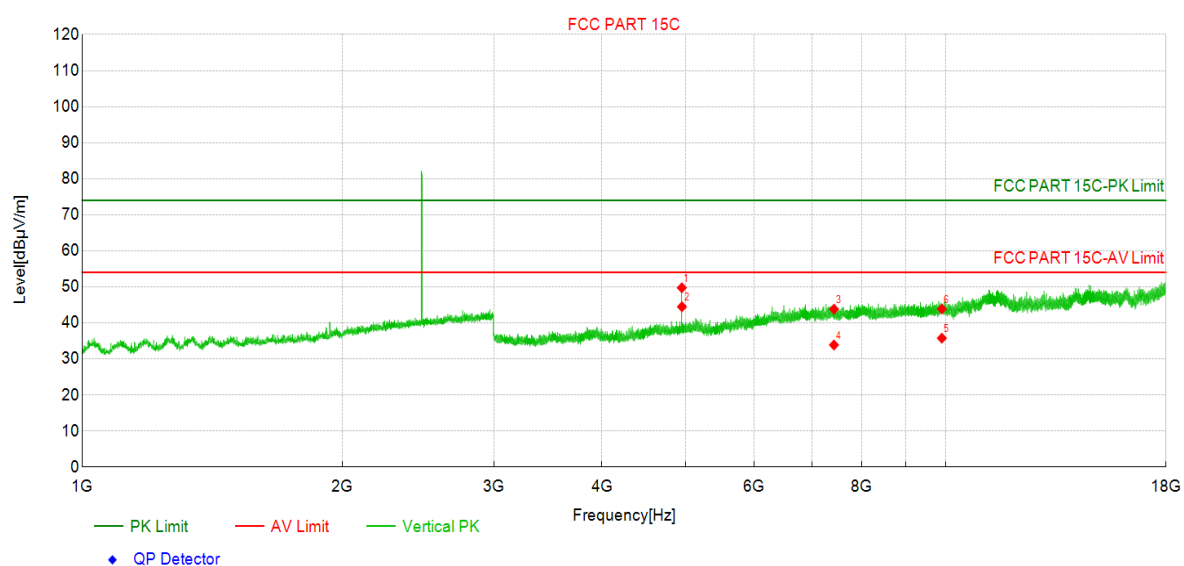


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4950.00	47.5	39.23	-8.300	54.00	14.77	AV	Horizo	PASS
2	4951.00	53.3	45.01	-8.290	74.00	28.99	PK	Horizo	PASS
3	7425.00	35.8	34.17	-1.580	54.00	19.83	AV	Horizo	PASS
4	7425.00	44.2	42.57	-1.580	74.00	31.43	PK	Horizo	PASS
5	9900.00	41.9	43.64	1.730	74.00	30.36	PK	Horizo	PASS
6	9900.00	33.4	35.16	1.730	54.00	18.84	AV	Horizo	PASS

Transmit at 2475MHz

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4949.00	58.1	49.75	-8.300	74.00	24.25	PK	Vertic	PASS
2	4950.50	52.8	44.48	-8.290	54.00	9.52	AV	Vertic	PASS
3	7425.00	45.4	43.82	-1.580	74.00	30.18	PK	Vertic	PASS
4	7425.00	35.5	33.87	-1.580	54.00	20.13	AV	Vertic	PASS
5	9900.00	34.0	35.77	1.730	54.00	18.23	AV	Vertic	PASS
6	9900.00	42.1	43.86	1.730	74.00	30.14	PK	Vertic	PASS

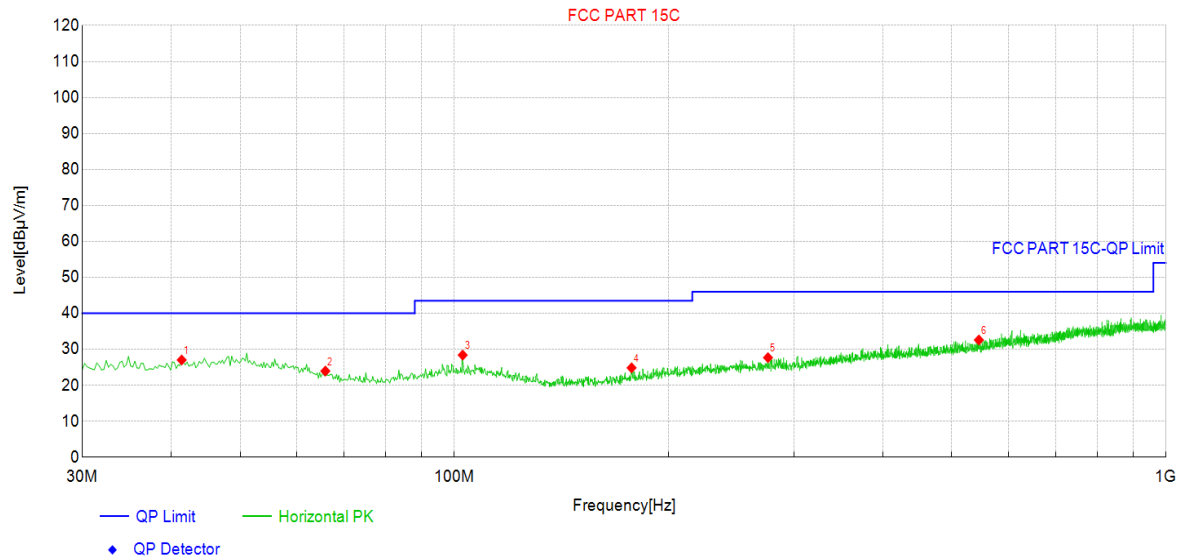
Note:

1. Level = Reading + Factor

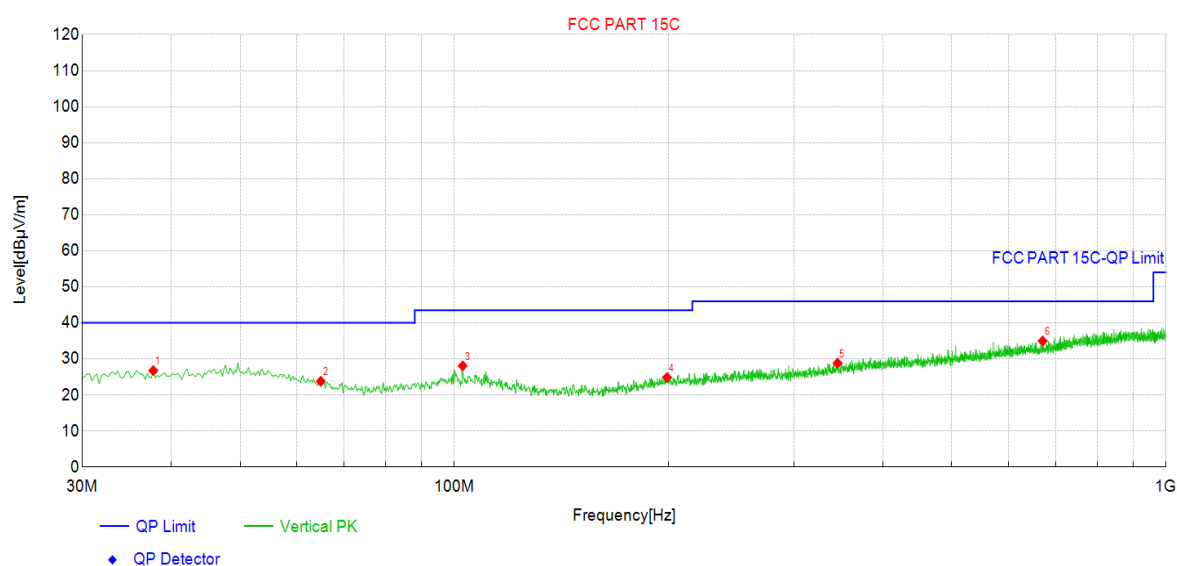
2. Margin = Limit - Level

3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

The worst case of Radiated Emission below 1GHz :**Transmit at 2410MHz***Test Graph***Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	41.40	13.0	27.03	14.070	40.00	12.97	PK	Horizo	PASS
2	65.89	12.8	23.95	11.200	40.00	16.05	PK	Horizo	PASS
3	102.75	15.9	28.40	12.460	43.50	15.10	PK	Horizo	PASS
4	177.44	14.5	24.85	10.360	43.50	18.65	PK	Horizo	PASS
5	275.90	14.1	27.68	13.590	46.00	18.32	PK	Horizo	PASS
6	545.80	14.4	32.59	18.220	46.00	13.41	PK	Horizo	PASS

Transmit at 2410MHz**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	37.76	13.3	26.76	13.510	40.00	13.24	PK	Vertic	PASS
2	64.92	12.3	23.79	11.450	40.00	16.21	PK	Vertic	PASS
3	102.75	15.6	28.08	12.460	43.50	15.42	PK	Vertic	PASS
4	199.02	13.1	24.87	11.760	43.50	18.63	PK	Vertic	PASS
5	345.49	13.5	28.84	15.300	46.00	17.16	PK	Vertic	PASS
6	670.93	14.8	34.97	20.160	46.00	11.03	PK	Vertic	PASS

Note:

1. All Readings below 1GHz are PK, PK as an alternative to CISPR quasi-peak measurements or average measurements.
2. Level=Reading+Factor.

The End