



Test Report

Application No.: DNT2508180367R9005-10757
Applicant: GuangDong XinYu Technology Industrial Co.,Ltd
Address of Applicant: Laimei Industrial zone,Chenghai District, Shantou, Guangdong, China
EUT Description: RC CAR TOYS
Model No.: 4076
Additional Model(s): M14, XQ067, XQRC10-2, 3485, XQRC10-6
FCC ID: 2BEX80TX4XQ25
Power Supply: Remote control:DC 3V From AA Battery;
Toys:DC 7.4V From Battery
Trade Mark: /
Standards: 47 CFR Part 2, Subpart J
47 CFR Part 15, Subpart C
ANSI C63.10: 2013
Date of Receipt: 2025/8/18
Date of Test: 2025/8/19 to 2025/8/29
Date of Issue: 2025/8/30
Test Result: **PASS**

Prepared By: Wayne Lin (Testing Engineer)

Reviewed By: Pencils Chen (Project Engineer)

Approved By: Hene Shan (Manager)



Note: If there is any objection to the results in this report, please submit a written inquiry to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp, and is issued by the company in accordance with the requirements of the "Conditions of Issuance of Test Reports" printed in the attached page. Unless otherwise stated, the results presented in this report only apply to the samples tested this time. Partial reproduction of this report is not allowed unless approved by the company in writing.

Dongguan DN Testing Co., Ltd.

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V2.0	/	August 30, 2025	Valid	Original Report



1 Test Summary

Test Item	Standard Section	Test Result
Antenna Requirement	15.203	PASS
20dB Occupied Bandwidth	15.215	PASS
Duty Cycle	N/A	N/A
Field Strength	15.249(a)	PASS
Radiated Spurious Emissions And Band Edge	15.205, 15.209, 15.249(a)(c)(d)(e), 15.35(b)	PASS
AC Power Line Conducted Emissions	15.207	N/A



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2 General Information

2.1 Test Location

Company:	Dongguan DN Testing Co., Ltd
Address:	No. 1, West Fourth Street, South Xinfu Road, Wusha Liwu, Chang 'an Town, Dongguan City, Guangdong P.R.China
Test engineer:	Wayne Lin

2.2 General Description of EUT

Manufacturer:	GuangDong XinYu Technology Industrial Co.,Ltd
Address of Manufacturer:	Laimei Industrial zone,Chenghai District, Shantou, Guangdong, China
EUT Description:	RC CAR TOYS
Test Model No.:	4076
Additional Model(s):	M14, XQ067, XQRC10-2, 3485, XQRC10-6
Power Supply:	Remote control:DC 3V From AA Battery; Toys:DC 7.4V From Battery
Chip Type:	1016P
Serial number:	PR2508180367R9005
Trade Mark:	N/A
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	2405MHz-2475MHz
Type of Modulation:	GFSK
Sample Type:	☒ Portable Device, ☐ Module, ☐ Mobile Device
Antenna Type:	☐ External, ☒ Integrated
Antenna Ports	☒ Ant 1, ☐ Ant 2, ☐ Ant 3
Antenna Gain*:	☒ Provided by applicant 0.17dBi
RF Cable*:	☒ Provided by applicant 0.5dB(0.6~1GHz); 0.8dB(1.4~2GHz); 1.0dB(2.1~2.7GHz); 1.5dB(3~4GHz); 1.8dB(4.4~6GHz);
Remark:	*All models are just color and appearance differences, motherboard, PCB circuit board, chip, electronic components is all the same. *Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information , DNT is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.



2.3 Power Setting of Test Software

Software Name	N/A		
Frequency(MHz)	2405	2440	2475
Setting	Default	Default	Default

2.4 Test Environment and Mode

Operating Environment:	
Temperature:	20~25.0 °C
Humidity:	45~56 % RH
Atmospheric Pressure:	101.0~101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.



2.5 Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405	25	2429	49	2453
2	2406	26	2430	50	2454
3	2407	27	2431	51	2455
4	2408	28	2432	52	2456
5	2409	29	2433	53	2457
6	2410	30	2434	54	2458
7	2411	31	2435	55	2459
8	2412	32	2436	56	2460
9	2413	33	2437	57	2461
10	2414	34	2438	58	2462
11	2415	35	2439	59	2463
12	2416	36	2440	60	2464
13	2417	37	2441	61	2465
14	2418	38	2442	62	2466
15	2419	39	2443	63	2467
16	2420	40	2444	64	2468
17	2421	41	2445	65	2469
18	2422	42	2446	66	2470
19	2423	43	2447	67	2471
20	2424	44	2448	68	2472
21	2425	45	2449	69	2473
22	2426	46	2450	70	2474
23	2427	47	2451	71	2475
24	2428	48	2452		

2.6 Description of Support Units

The EUT has been tested independent unit.



2.7 Test Facility

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

Lab A:

• **FCC, USA**

Designation Number: CN1348

• **A2LA (Certificate No. 7050.01)**

DONGGUAN DN TESTING CO., LTD.

• **Innovation, Science and Economic Development Canada**

DONGGUAN DN TESTING CO., LTD. EMC Laboratory has been recognized by ISED as an accredited testing laboratory. CAB identifier is CN0149.

IC#: 30755.

2.8 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	$\pm 0.41\text{dB}$
2	RF power density, conducted	$\pm 1.96\text{dB}$

No.	Item	Measurement Uncertainty
1	Conduction Emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
2	Radiated Emission	$\pm 4.8\text{dB}$ (Below 1GHz)
		$\pm 4.8\text{dB}$ (1GHz to 6GHz)
		$\pm 4.5\text{dB}$ (6GHz to 18GHz)
		$\pm 5.02\text{dB}$ (Above 18GHz)



2.9 Equipment List

For Connect EUT Antenna Terminal Test					
Description	Manufacturer	Model	Serial Number	Cal date	Due date
Signal Generator	Keysight	N5181A-6G	MY48180415	2024-10-23	2025-10-22
Signal Generator	Keysight	N5182B	MY57300617	2024-10-23	2025-10-22
Power supply	Keysight	E3640A	ZB2022656	2024-10-23	2025-10-22
Spectrum Analyzer	Aglient	N9010A	MY52221458	2024-10-23	2025-10-22
BT/WIFI Test Software	Tonscend	JS1120 V3.1.83	NA	NA	NA
RF Control Unit	Tonscend	JS0806-2	22F8060581	NA	NA
temperature and humidity box	SCOTEK	SCD-C40-80PRO	6866682020008	2024-10-23	2025-10-22

Test Equipment for Conducted Emission					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Receiver	R&S	ESCI3	101152	2024-10-23	2025-10-22
LISN	R&S	ENV216	102874	2024-10-23	2025-10-22
ISN	R&S	ENY81-CA6	1309.8590.03	2024-10-23	2025-10-22

Test Equipment for Radiated Emission(below 1000MHz)					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Receiver	R&S	ESR7	102497	2024-10-23	2025-10-22
Test Software	ETS-LINDGREN	TiLE-FULL	NA	NA	NA
RF Cable	ETS-LINDGREN	RFC-NMS-100-NMS-350-IN	NA	2024-10-23	2025-10-22
Log periodic antenna	ETS-LINDGREN	VULB 9168	01475	2022-11-28	2025-11-27
Pre-amplifier	Schwarzbeck	BBV9743B	00423	2024-10-23	2025-10-22
Single ring magnetic field ring antenna	ETS-LINDGREN	6502	6502	2024-10-23	2025-10-22



Test Equipment for Radiated Emission(Above 1000MHz)					
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Frequency analyser	Keysight	N9010A	MY52221458	2024-10-23	2025-10-22
RF Cable	ETS-LINDGREN	RFC-NMS-100- NMS-350-IN	NA	2024-10-23	2025-10-22
Horn Antenna	ETS-LINDGREN	3117	00252567	2022-11-28	2025-11-27
Double ridged waveguide antenna	ETS-LINDGREN	3116C	00251780	2022-11-28	2025-11-27
Test Software	ETS-LINDGREN	TILE-FULL	NA	NA	NA
Pre-amplifier	ETS-LINDGREN	3117-PA	252567	2024-10-23	2025-10-22
Pre-amplifier	ETS-LINDGREN	3116C-PA	251780	2024-10-23	2025-10-22

2.10 Assistant equipment used for test

Code	Equipment	Manufacturer	Model No.	Equipment No.
1	/	/	/	/



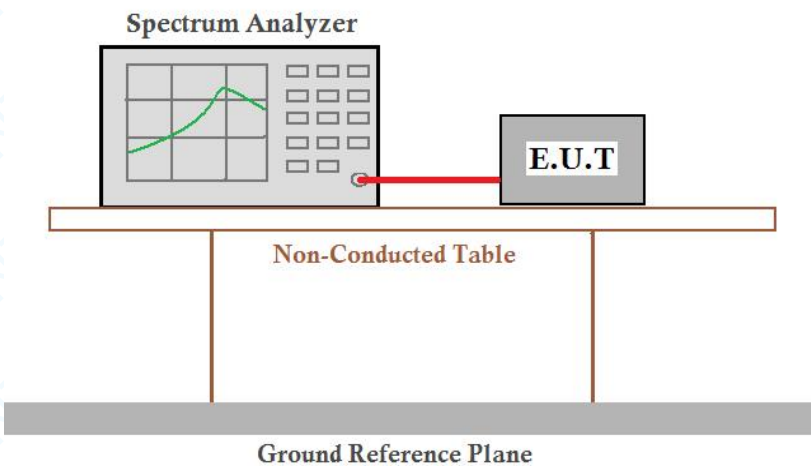
3 Test results and Measurement Data

3.1 Antenna requirements

Standard requirement:	47 CFR Part 15C Section 15.203 /247(c)
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, 15.221, or §15.236. 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.	
The antenna is welded on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.17dBi.	



3.2 20dB Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.215
Test Method:	ANSI C63.10:2013 Section 7.8.7
Test Setup:	
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the worst case
Limit:	no wider than 0.25% of the center frequency
Test Results:	Pass

Test Data:

Test Frequency (MHz)	20dB Bandwidth (MHz)	Result
2405	1.088	Pass
2440	1.789	Pass
2475	1.221	Pass



Test Graphs

2405



2440





2475



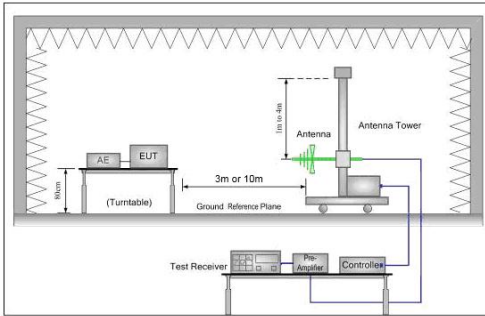
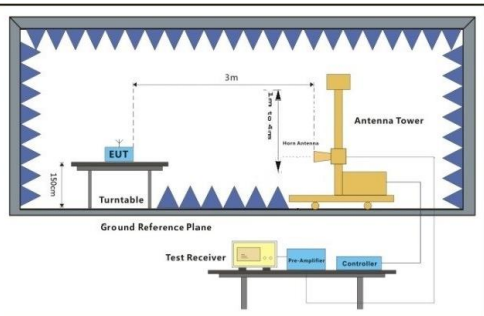


3.3 Duty Cycle

Limit :N/A

Test Data:N/A

3.4 Field Strength of Fundamental

Test Requirement:	47 CFR Part 15C Section 15.249(a)																																									
Test Method:	ANSI C63.10 :2013 Section 11.12																																									
Test Setup:	 30MHz-1GHz  Above 1G																																									
Test Instruments:	Refer to section 2.9 for details																																									
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates																																									
Final Test Mode:	Through Pre-scan, find the worst case																																									
Limit:	<table><tr><th colspan="2">Fundamental frequency</th><th colspan="2">Field strength of fundamental@3m (microvolts/meter)</th></tr><tr><td colspan="2">902-928MHz</td><td colspan="2">50</td></tr><tr><td colspan="2">2400-2483.5MHz</td><td colspan="2">50</td></tr><tr><td colspan="2">5725-5875MHz</td><td colspan="2">50</td></tr><tr><td colspan="2">24.0-24.25</td><td colspan="2">250</td></tr><tr><td colspan="4">The EUT fundamental frequency is in 2400-2483.5MHz, So the Average Limit& Peak Limit is show in below table:</td></tr><tr><th rowspan="2">Fundamental frequency</th><th colspan="3">Field strength of fundamental@3m (dBμV/m)</th></tr><tr><th colspan="2">Average Limit</th><th>Peak Limit</th></tr><tr><td>2400-2483.5MHz</td><td colspan="2">94</td><td>114</td></tr><tr><td colspan="4">Note: 1. Average Limit (dBμV/m)=20×log[1000×Field Strength (mV/m)]. 2. Peak Limit (dBμV/m)= Average Limit (dBμV/m)+20dB</td></tr></table>			Fundamental frequency		Field strength of fundamental@3m (microvolts/meter)		902-928MHz		50		2400-2483.5MHz		50		5725-5875MHz		50		24.0-24.25		250		The EUT fundamental frequency is in 2400-2483.5MHz, So the Average Limit& Peak Limit is show in below table:				Fundamental frequency	Field strength of fundamental@3m (dBμV/m)			Average Limit		Peak Limit	2400-2483.5MHz	94		114	Note: 1. Average Limit (dBμV/m)=20×log[1000×Field Strength (mV/m)]. 2. Peak Limit (dBμV/m)= Average Limit (dBμV/m)+20dB			
Fundamental frequency		Field strength of fundamental@3m (microvolts/meter)																																								
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5725-5875MHz		50																																								
24.0-24.25		250																																								
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2400-2483.5MHz	94		114																																							
Note: 1. Average Limit (dBμV/m)=20×log[1000×Field Strength (mV/m)]. 2. Peak Limit (dBμV/m)= Average Limit (dBμV/m)+20dB																																										
Test Configuration:	RBW: ≥OBW VBW: 3XRBW Start frequency: 2400MHz																																									

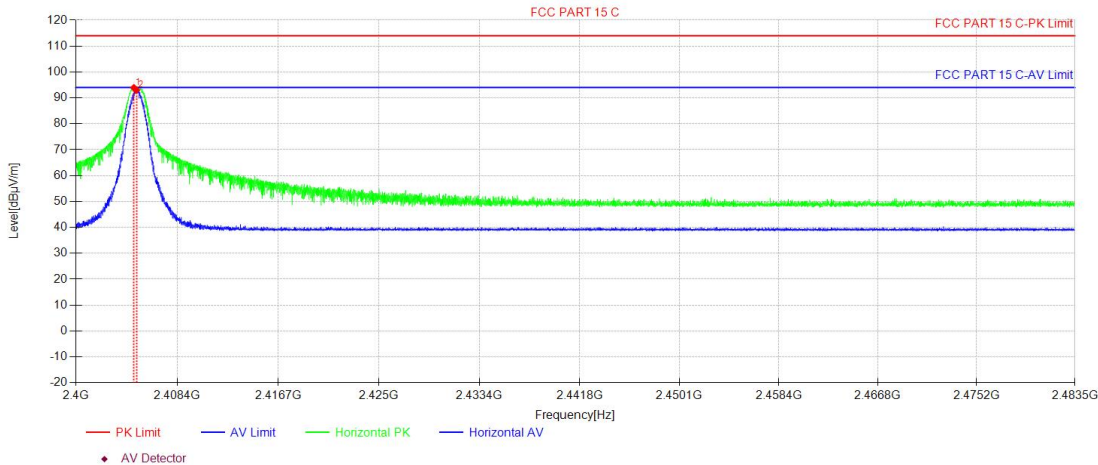


	Stop frequency: 2483.5MHz Sweep Time: Auto Detector: PEAK/AVG Trace Mode: Max Hold
Test Procedure:	a. the EUT was placed on the top of a rotating table 1 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. g. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. r. Repeat above procedures until all frequencies measured was complete.
Test Results:	Pass



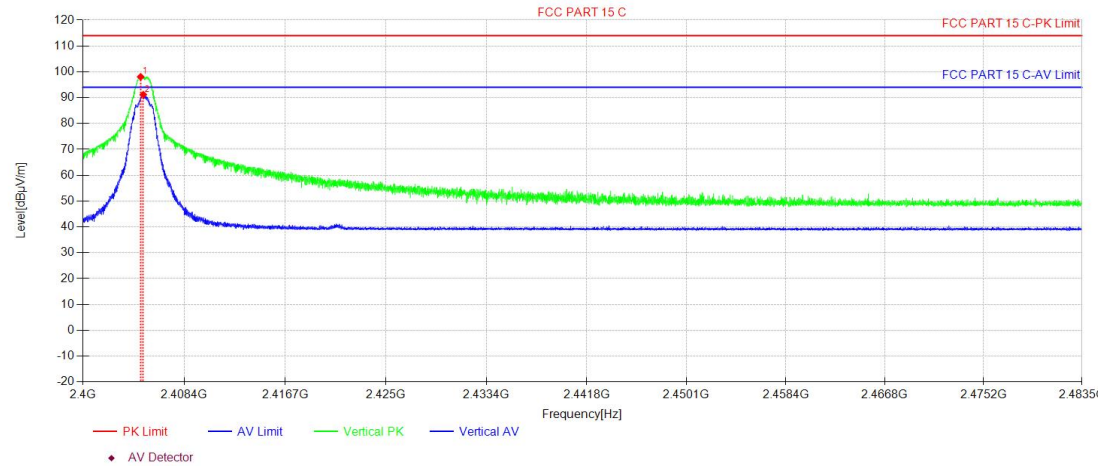
2405MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2404.78	94.63	-0.71	93.92	114.00	20.08	150	271	PK
2	2404.99	93.75	-0.71	93.04	94.00	0.96	150	266	AV

Vertical:

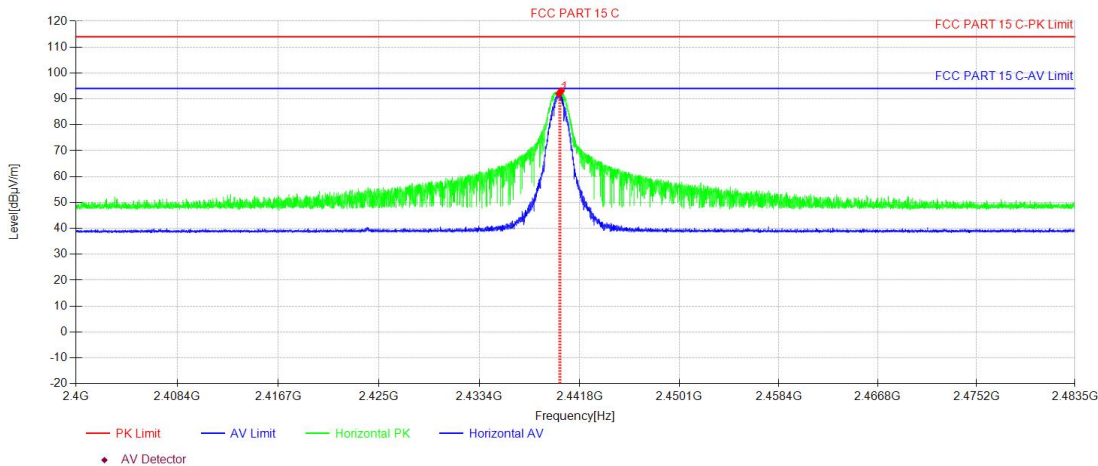


NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2404.76	98.76	-0.71	98.05	114.00	15.95	150	282	PK
2	2404.98	91.87	-0.71	91.16	94.00	2.84	150	282	AV



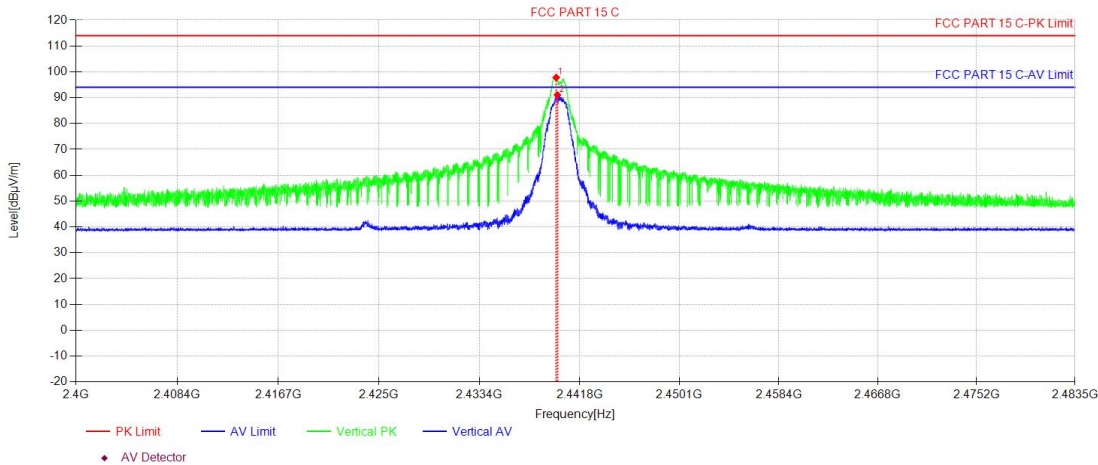
2440MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2440.19	93.50	-0.47	93.03	114.00	20.97	150	272	PK
2	2440.03	92.53	-0.47	92.06	94.00	1.94	150	272	AV

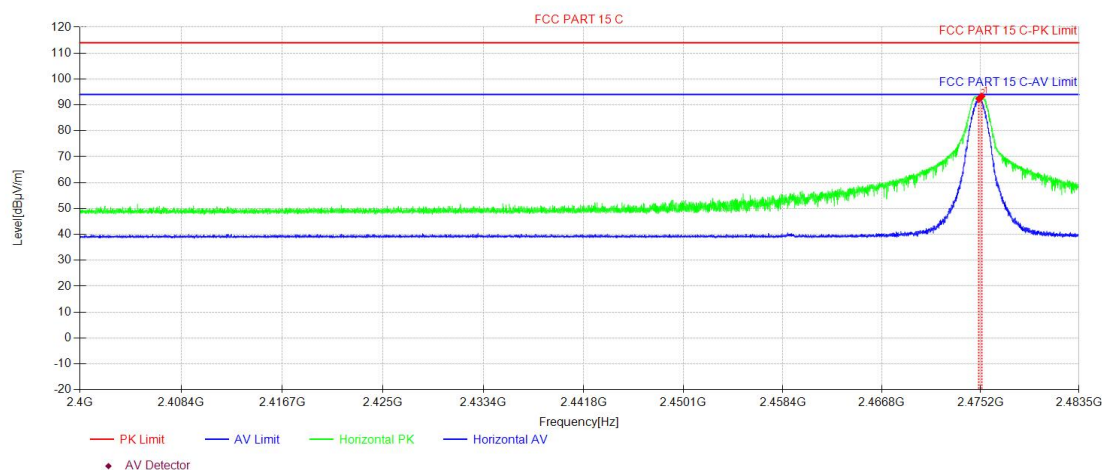
Vertical:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2439.80	98.28	-0.47	97.81	114.00	16.19	150	123	PK
2	2439.89	91.53	-0.47	91.06	94.00	2.94	150	123	AV

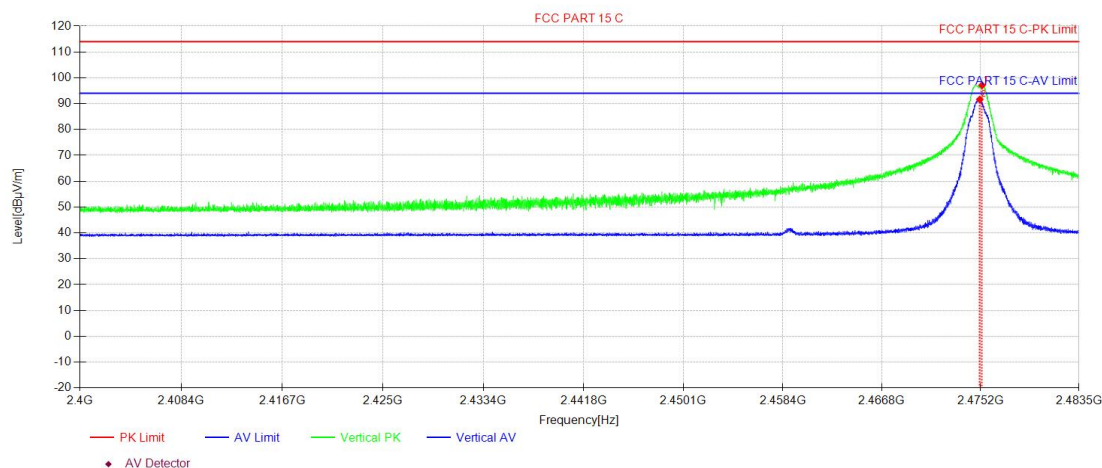
**2475MHz**

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2475.23	93.64	-0.33	93.31	114.00	20.69	150	288	PK
2	2475.02	92.69	-0.33	92.36	94.00	1.64	150	283	AV

Vertical:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2475.27	97.48	-0.33	97.15	114.00	16.85	150	298	PK
2	2475.08	91.97	-0.33	91.64	94.00	2.36	150	292	AV

Note

1. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including LISN Factor and the Cable Factor etc.), The basic equation is as follows:

Result Level= Reading Level + Correct Factor(including Ant.Factor ,Cable Factor etc.)



3.5 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.249(a) 47 CFR Part 15C Section 15.209 47 CFR Part 15C Section 15.205				
Test Method:	ANSI C63.10 :2013 Section 11.12				
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Limit:	Above 1GHz	Peak	1MHz	3MHz	Peak
	15.209 Radiated emission limits				
	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	Remark: Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.				
	The limits on the field strength of the spurious emissions in the below table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in §15.209, whichever limit permits a higher field strength.				



Fundamental frequency	Field strength of harmonics@3m (microvolts/meter)
902-928MHz	500
2400-2483.5MHz	500
5725-5875MHz	500
24.0-24.25	2500

The EUT fundamental frequency is 2400-2483.5MHz, So the Average Limit & Peak Limit is show in below table:

Fundamental frequency (MHz)	Field strength of spurious emission@3m (dBμV/m)	
	Average Limit	Peak Limit
2400-2483.5	54	74

Note:

1. Average Limit (dBμV/m) = $20 \times \log[1000 \times \text{Field Strength (mV/m)}]$.

2. Peak Limit (dBμV/m) = Average Limit (dBμV/m) + 20dB

15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 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
8.41425 - 8.41475	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	(²)

Test Setup:

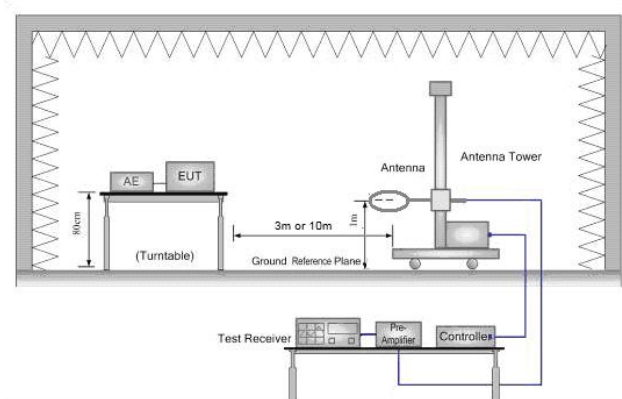


Figure 1. Below 30MHz

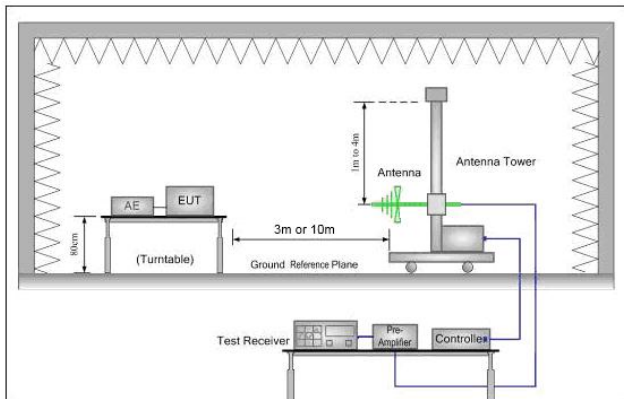


Figure 2. 30MHz to 1GHz

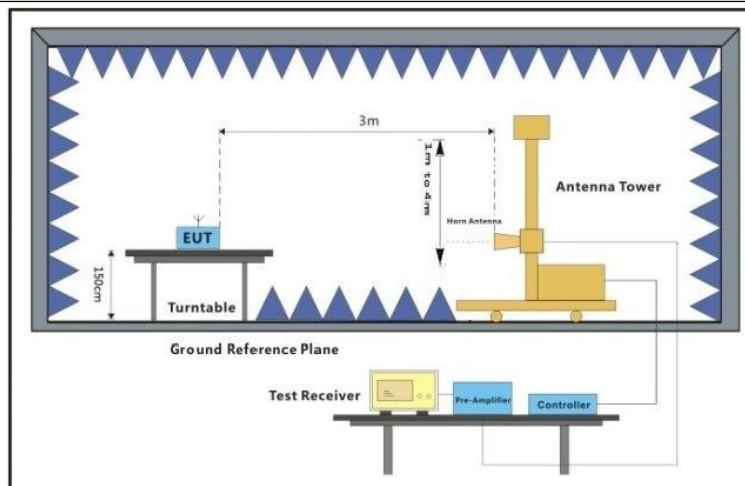


Figure 3. Above 1 GHz

Test Procedure:

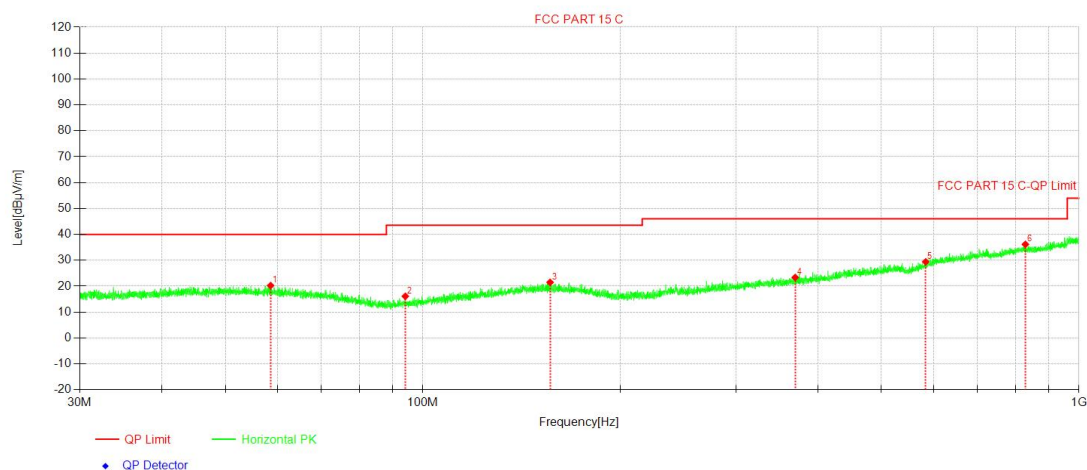
- h. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- i. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation
- j. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- k. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- l. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- m. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- n. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- o. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- p. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
- q. Repeat above procedures until all frequencies measured was complete.



Exploratory Test Mode:	Transmitting with all kind of modulations, data rates. Transmitting mode.
Final Test Mode:	Pretest the EUT at Transmitting mode. Through Pre-scan, find the worst case.
Instruments Used:	Refer to section 2.9 for details
Test Results:	Pass

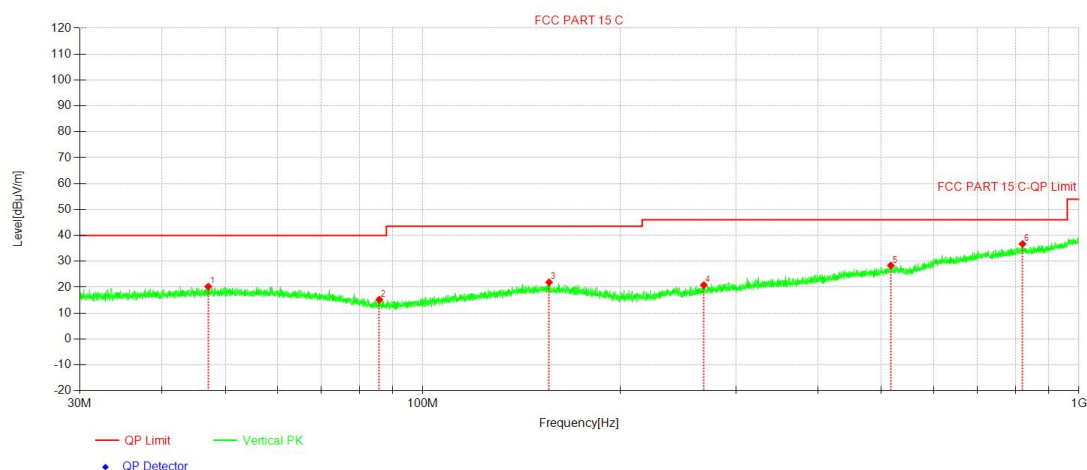
**For 30-1000MHz TX**

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	58.61	28.84	-8.61	20.23	40.00	19.77	100	241	Peak
2	94.03	29.60	-13.50	16.10	43.50	27.40	100	360	Peak
3	156.29	29.27	-7.79	21.48	43.50	22.02	100	145	Peak
4	369.40	28.54	-5.18	23.36	46.00	22.64	100	201	Peak
5	583.97	30.11	-0.70	29.41	46.00	16.59	100	338	Peak
6	828.65	31.37	4.77	36.14	46.00	9.86	100	23	Peak

Vertical:



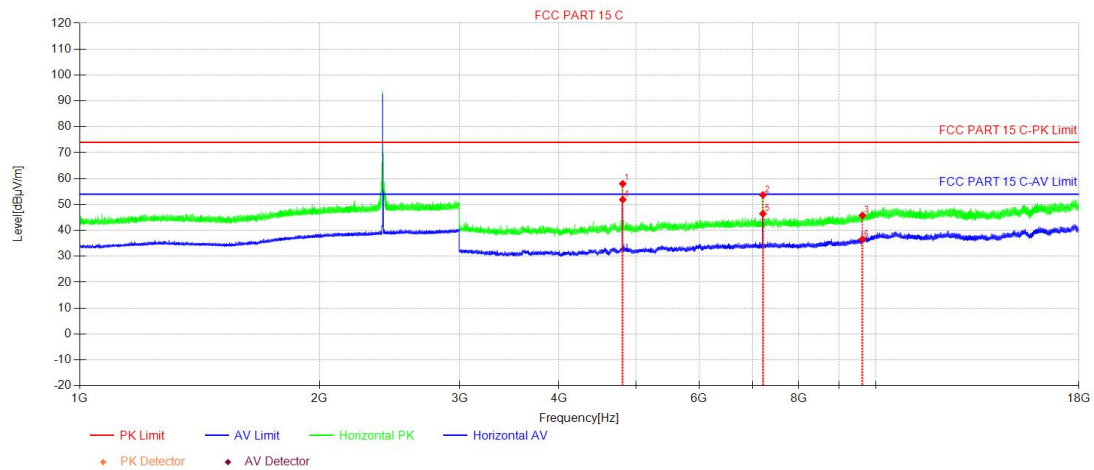
NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	47.09	28.33	-8.11	20.22	40.00	19.78	100	223	Peak
2	85.84	28.90	-13.70	15.20	40.00	24.80	100	265	Peak
3	155.75	29.69	-7.79	21.90	43.50	21.60	100	133	Peak
4	268.11	28.98	-8.15	20.83	46.00	25.17	100	169	Peak
5	516.70	29.72	-1.33	28.39	46.00	17.61	100	27	Peak
6	820.27	31.90	4.79	36.69	46.00	9.31	100	210	Peak



For above 1GHz TX

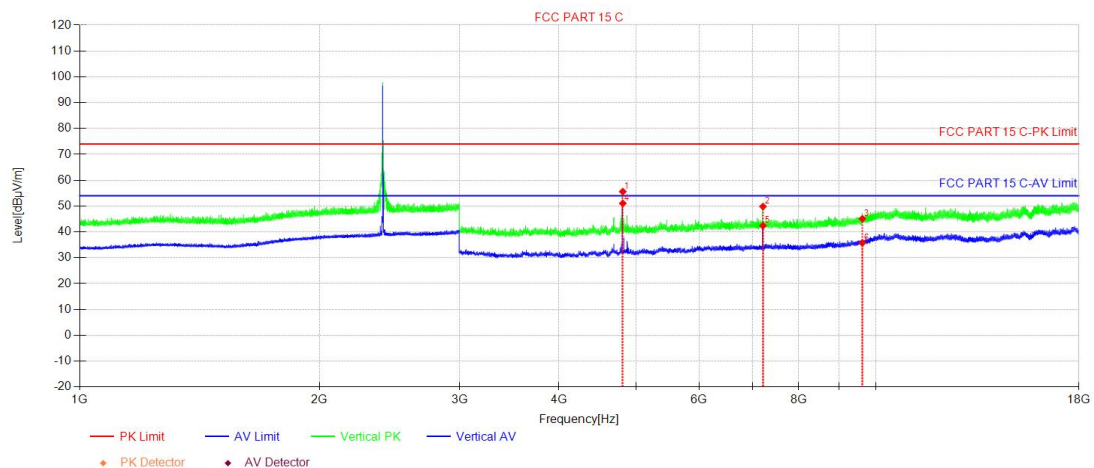
2405MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4809.84	62.63	-4.61	58.02	74.00	15.98	150	108	PK
2	7214.46	55.43	-1.75	53.68	74.00	20.32	150	126	PK
3	9620.58	44.84	0.94	45.78	74.00	28.22	150	232	PK
4	4810.59	56.51	-4.61	51.90	54.00	2.10	150	108	PK
5	7215.21	48.18	-1.74	46.44	54.00	7.56	150	91	PK
6	9620.58	35.65	0.94	36.59	54.00	17.41	150	145	PK

Vertical:

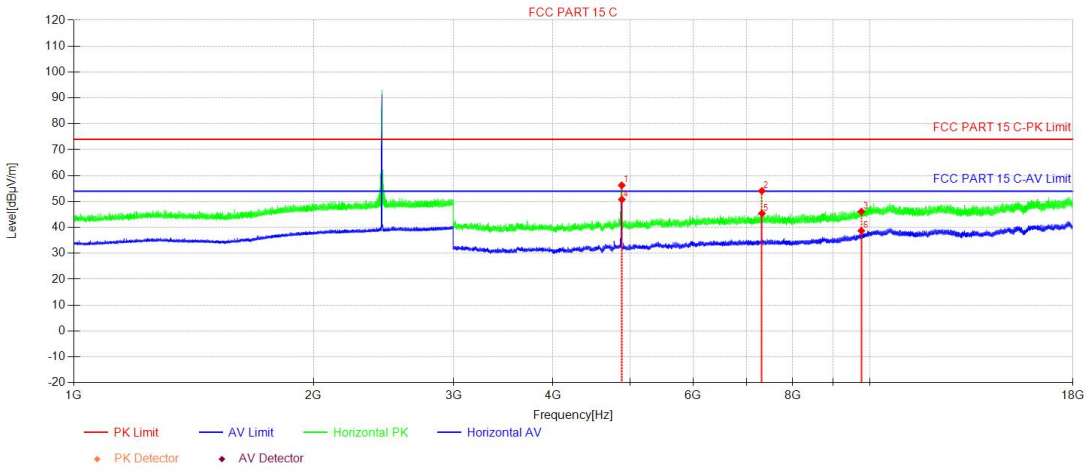


NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4810.59	60.21	-4.61	55.60	74.00	18.40	150	89	PK
2	7215.96	51.56	-1.74	49.82	74.00	24.18	150	356	PK
3	9620.58	44.16	0.94	45.10	74.00	28.90	150	216	PK
4	4810.59	55.65	-4.61	51.04	54.00	2.96	150	159	PK
5	7215.96	44.14	-1.74	42.40	54.00	11.60	150	356	PK
6	9620.58	34.81	0.94	35.75	54.00	18.25	150	216	PK



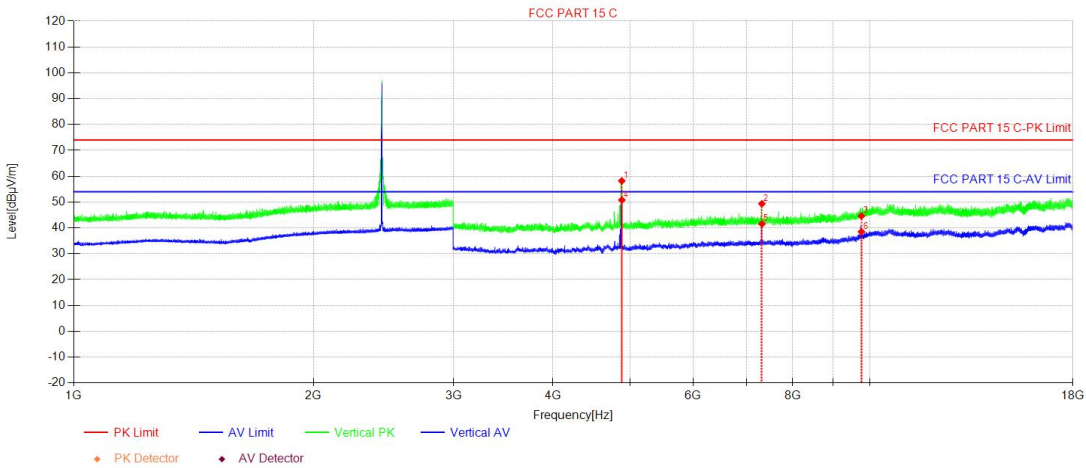
2440MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4879.59	60.96	-4.70	56.26	74.00	17.74	150	252	PK
2	7319.47	55.58	-1.50	54.08	74.00	19.92	150	308	PK
3	9760.09	44.49	1.62	46.11	74.00	27.89	150	216	PK
4	4881.09	55.51	-4.71	50.80	54.00	3.20	150	252	PK
5	7320.22	46.89	-1.49	45.40	54.00	8.60	150	216	PK
6	9760.09	37.05	1.62	38.67	54.00	15.33	150	144	PK

Vertical:

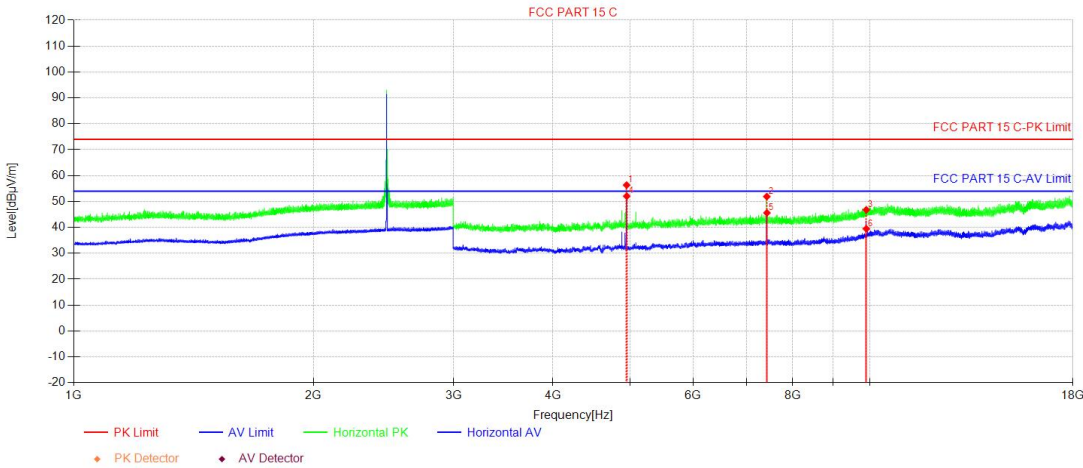


NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4880.34	62.90	-4.71	58.19	74.00	15.81	150	181	PK
2	7319.47	50.84	-1.50	49.34	74.00	24.66	150	305	PK
3	9760.09	43.00	1.62	44.62	74.00	29.38	150	356	PK
4	4881.09	55.51	-4.71	50.80	54.00	3.20	150	181	PK
5	7320.97	43.03	-1.49	41.54	54.00	12.46	150	305	PK
6	9760.09	36.88	1.62	38.50	54.00	15.50	150	147	PK



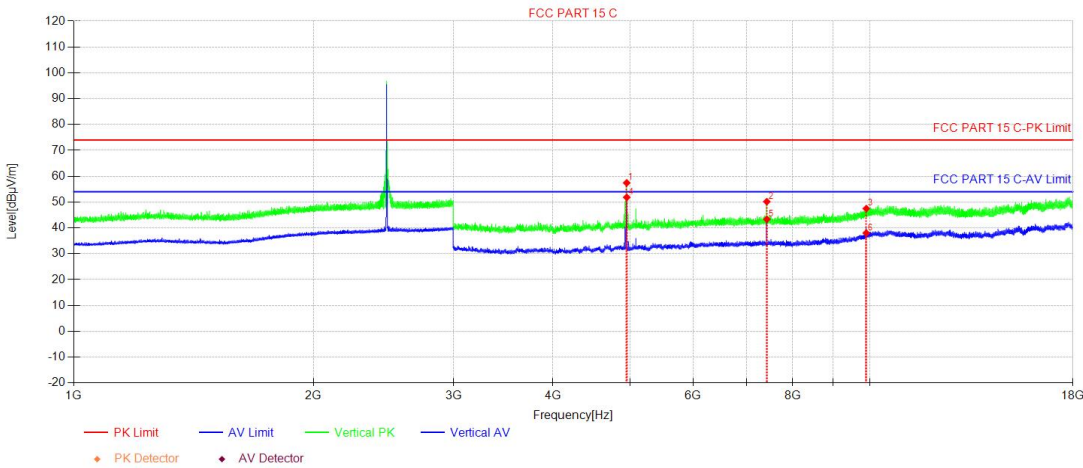
2475MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4949.35	61.18	-4.85	56.33	74.00	17.67	150	108	PK
2	7424.47	53.21	-1.32	51.89	74.00	22.11	150	164	PK
3	9900.35	44.58	2.20	46.78	74.00	27.22	150	290	PK
4	4950.85	56.91	-4.85	52.06	54.00	1.94	150	290	PK
5	7426.72	46.93	-1.33	45.60	54.00	8.40	150	164	PK
6	9900.35	37.26	2.20	39.46	54.00	14.54	150	290	PK

Vertical:

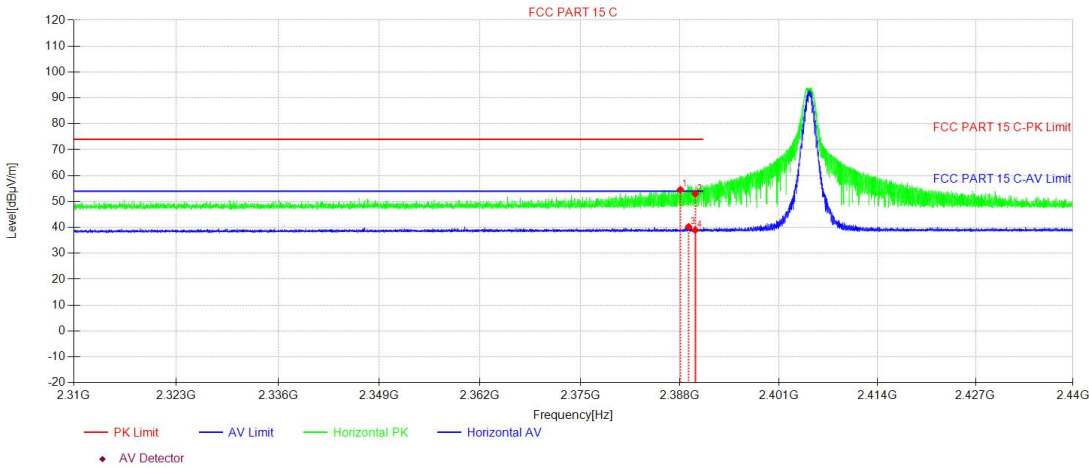


NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4950.10	62.27	-4.85	57.42	74.00	16.58	150	200	PK
2	7424.47	51.47	-1.32	50.15	74.00	23.85	150	310	PK
3	9900.35	45.27	2.20	47.47	74.00	26.53	150	164	PK
4	4950.85	56.69	-4.85	51.84	54.00	2.16	150	200	PK
5	7425.22	44.65	-1.32	43.33	54.00	10.67	150	310	PK
6	9900.35	35.81	2.20	38.01	54.00	15.99	150	164	PK



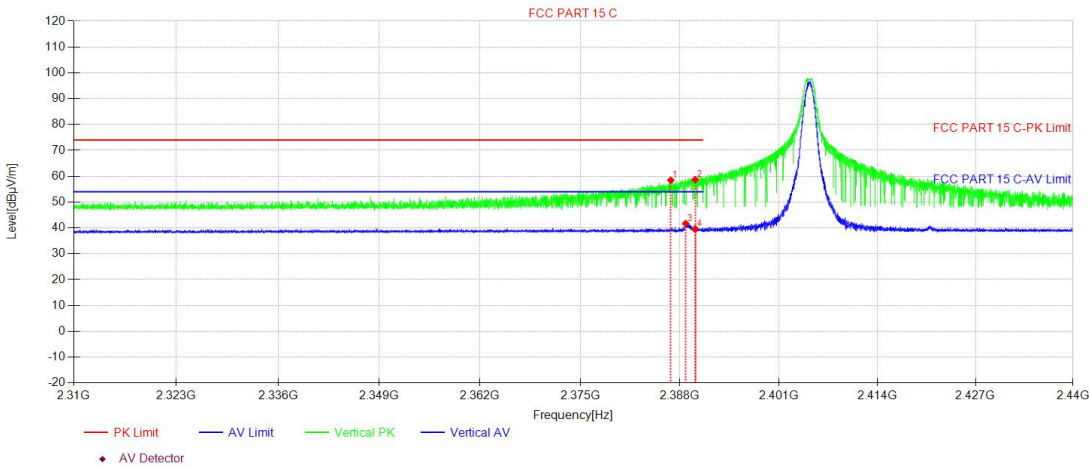
2405MHz

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2388.07	55.37	-0.80	54.57	74.00	19.43	150	285	PK
2	2390.01	53.78	-0.80	52.98	74.00	21.02	150	70	PK
3	2389.15	41.07	-0.80	40.27	54.00	13.73	150	297	AV
4	2390.01	39.74	-0.80	38.94	54.00	15.06	150	98	AV

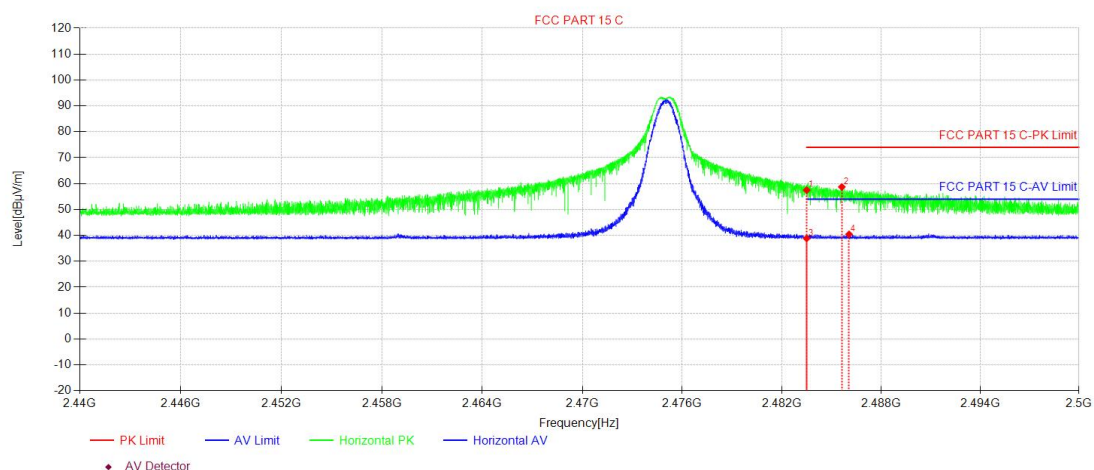
Vertical:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2386.82	59.25	-0.81	58.44	74.00	15.56	150	114	PK
2	2390.01	59.49	-0.80	58.69	74.00	15.31	150	127	PK
3	2388.77	42.48	-0.80	41.68	54.00	12.32	150	284	AV
4	2390.01	40.45	-0.80	39.65	54.00	14.35	150	313	AV

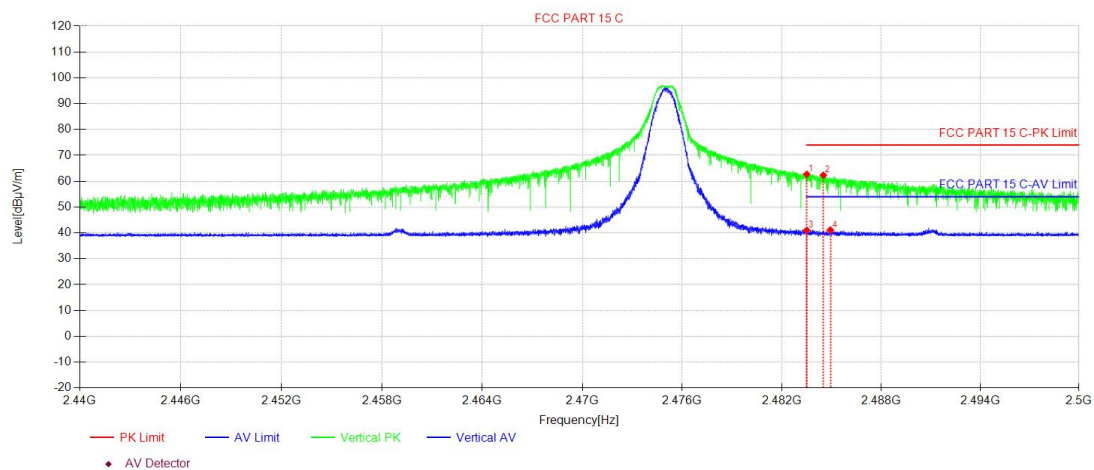
**2475MHz**

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2483.50	57.79	-0.29	57.50	74.00	16.50	150	335	PK
2	2485.63	58.97	-0.27	58.70	74.00	15.30	150	285	PK
3	2483.50	39.11	-0.29	38.82	54.00	15.18	150	25	AV
4	2486.07	40.70	-0.27	40.43	54.00	13.57	150	273	AV

Vertical:



NO.	Freq. [MHz]	Reading Level [dBμV]	Correct Factor [dB/m]	Result Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2483.51	62.95	-0.29	62.66	74.00	11.34	150	295	PK
2	2484.51	62.60	-0.28	62.32	74.00	11.68	150	129	PK
3	2483.51	41.28	-0.29	40.99	54.00	13.01	150	295	AV
4	2484.94	41.38	-0.27	41.11	54.00	12.89	150	4	AV

Note:

1. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:

Measurement Level= Reading Level + Correct Factor(including LISN Factor ,Cable Factor etc.)

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2. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be report.
3. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be report.

The End Report