DEKRA Testing and Certification (Suzhou) Co., Ltd.
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Test report No:
2680448R.701A

FCC TEST REPORT

Product Name	AI Spatial Camera
Trademark	Kosmo
Model and /or type reference	Kosmo One
FCC ID	2ASO2-KOSMOONE
Applicant´s name / address	Hesai Technology Co.,Ltd No. 3188 Baoqian Highway，Jiading District，Shanghai, P.R. China
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Tested By (name / position & signature)	Tim Cao / Project Manager
Approved by (name / position & signature)	Frank He / Technical Manager
Date of issue	2026-10-20
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. 668, Jiangling Nanxiang Road, Wujiang District, Suzhou City, Jiangsu Province, 215200 People's Republic of China
Test Facility	A2LA (Certificate No. 3235.01) CNAS (Certificate No. L5313) FCC - Designation Number: CN1199 Test Firm Registration Number: 566524 ISED - CAB identifier: CN0040 IC#: 4075B
Date (receive sample)	Aug. 16, 2026
Date (start test)	Aug. 20, 2026
Date (finish test)	Sep. 10, 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.
5. 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.

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2680448R.701A	V1.0	Initial issue of report.	2026-10-20

TEST SUMMARY

Requirement – Test Item	Standard(s)	Verdict	Remark
DTS Bandwidth	FCC 15.247(a)(2)	See Remark	--
Maximum conducted output power	15.247 (b)(3)	PASS	Test data please refer to **Appendix**
Maximum power spectral density	FCC 15.247(e)	See Remark	--
Band edge measurements	FCC 15.247(d) FCC 15.205 FCC 15.209	PASS	Test data please refer to **Appendix**
Conducted Spurious Emission	FCC 15.247(d), FCC 15.209	See Remark	--
Duty cycle	ANSI C63.10	See Remark	--
Emissions in Restricted Bands	FCC 15.205 FCC 15.209	PASS	Test data please refer to **Appendix**
AC Power Line Conducted Emission	FCC 15.207	PASS	Test data please refer to **Appendix**
Antenna Requirement	FCC 15.203	PASS	---

Remark:
Note 1: Only the Maximum Conducted Output Power and Radiated Spurious Emission were fully tested. These items please refer to the Wi-Fi 2.4G Module report BTL-FCCP-1_2603H008.
Note 2: The FCC ID is TLZ-XM612PUR has been certified, and the test report issued by BTL Inc. (Shanghai). on 05/28/2026.

USED EQUIPMENT

Conducted Test

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielded room	Maorui	5m*4m*3m	SR103	2023.08.23	2028.08.22
Wideband Radio Communication	R&S	CMW 500	163864	2026.05.08	2027.05.07
Signal Generator	R&S	SMR 20	100654	2026.05.08	2027.05.07
MAX Signal Analyzer	Keysight	N9020B	MY63490118	2026.08.04	2027.08.03
RF Control Unit	Tonscend	JS0806-2	806JS2X021710251017	2026.06.23	2027.06.22
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2026.06.17	2027.06.16
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2026.06.17	2027.06.16
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A

Radiated Emission (9KHz-1GHz)

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
semi-anechoic chamber	Maorui	9m*6m*6m	AC102	2023.08.23	2028.08.22
Bilog Antenna	TESEQ	CBL6112D	57867	2026.05.11	2027.05.10
EMI test receiver	R&S	ESR7	102753	2026.05.08	2027.05.07
Temperature/Humidity Meter	RITERS	RTS-8S	13	2026.08.29	2027.08.28
Temperature/Humidity Meter	RITERS	RTS-8S	15	2026.08.25	2027.08.24
Dekra test software	Dekra	N/A	N/A	N/A	N/A

AC Power Line Conducted Emission

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielded room	Maorui	9m*4m*4m	SR104	2023.08.23	2028.08.22
V-network	R&S	ENV216	101516	2026.05.10	2027.05.09
EMI test receiver	R&S	ESR3	103140	2026.05.07	2027.05.06
V-LISN	R&S	ENV4200	100748	2026.05.10	2027.05.09
Temperature/Humidity Meter	RITERS	RTS-8S	026	2026.08.29	2027.08.28
Dekra test software	Dekra	N/A	N/A	N/A	N/A

Radiated Emission Band Edge (1GHz-40GHz)

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Fully-anechoic chamber	Maorui	9m*6m*6m	AC103	2023.08.23	2028.08.22
MAX Signal Analyzer	Keysight	N9020B	MY63490118	2026.08.04	2027.08.03
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2025.10.19	2026.10.18
Low Noise Amplifier	Tonscend	TAP01018048S	AP23J8060307	2025.10.16	2026.10.15
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2025.10.24	2026.10.23
Low Noise Amplifier	ESE	LNA1840	LNA23070301	2025.10.16	2026.10.15
Temperature/Humidity Meter	RITERS	RTS-8S	010	2026.08.25	2027.08.24
Test Software	Tonscend	J536	JS36-RSE	N/A	N/A

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	9kHz~150kHz: 2.8 dB 150kHz~30MHz: 2.4 dB
Peak Power Output	± 1.3 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 3.5 dB 300MHz~1GHz: 3.6 dB Vertical: 30MHz~200MHz: 3.6 dB 300MHz~1GHz: 3.5 dB
Radiated Emission(1GHz~26.5GHz)	Horizontal: 1GHz~18GHz: 5.0 dB Vertical: 1GHz~18GHz: 4.8 dB Horizontal: 18GHz~26.5GHz: 5.3 dB Vertical: 18GHz~26.5GHz: 4.9 dB
RF antenna conducted test	± 1.3 dB
Carrier Frequency Separation	± 1.0 kHz
Number of Hopping Frequencies	± 1.0 kHz
Time of Occupancy (Dwell Time)	± 0.10 us
Radiated Emission Band Edge	± 3.9 dB
DTS Bandwidth	±1.0 kHz
Occupied Bandwidth	±1.0 kHz
Power Density	±1.3 dB

1 GENERAL INFORMATION

Product Name ..... :	AI Spatial Camera		
Model No. ..... :	Kosmo One		
Trademark. ..... :	Kosmo		
FCC ID..... :	2ASO2-KOSMOONE		
Hardware Version..... :	NA		
Software Version ..... :	NA		
Manufacturer ..... :	Hesai Technology Co.,Ltd		
Manufacturer Address ..... :	No. 3188 Baoqian Highway，Jiading District，Shanghai, P.R. China		
Power Supply ..... :	12.74 Vdc, EUT is equipped with an adapter to power it via AC/DC. 100-240 Vac, 50/60 Hz (For Adapter) 5V⎓3A 9V⎓3A 12V⎓3A 15V⎓3A 20V⎓5A (For EUT)		
SN..... :	RF Conducted	KT3FCD51933FCD51	
	RSE	KT3FCE52933FCE52	
Wireless specifiction..... :	Wi-Fi		
Wireless specifiction..... :	802.11b / g / n / ax		
Operating frequency range(s) ..... :	2412~2462MHz		
Type of Modulation..... :	DSSS / OFDM / OFDMA		
Smart System..... :	☒	SISO	
	☒	MIMO-CDD	
Device category..... :	☐	Fixed point-to-point	
	☐	Emit multiple directional beams, simultaneously or sequentially	
	☒	Other cases	
Antenna type ..... :	PIFA		
Antenna Gain ..... :	Frequency	Antenna 1 (dBi)	Antenna 2 (dBi)
	2412~2462MHz	0.28	-1.44
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.			

Power setting in test

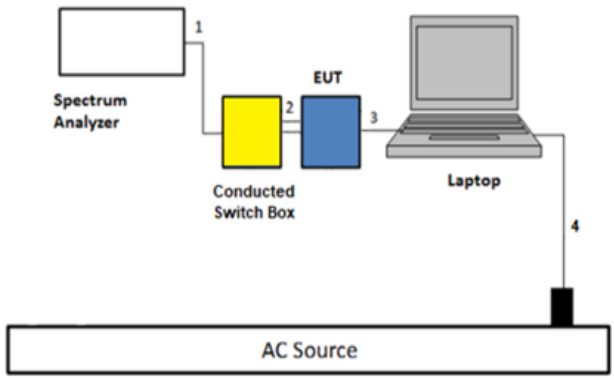
	Mode	Channel	Frequency (MHz)	Power Setting
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.00
		6	2437	19.00
		11	2462	16.00
	802.11g 6Mbps	1	2412	8.00
		6	2437	13.00
		11	2462	8.00
	802.11n 20M	1	2412	7.00
		6	2437	13.00
		11	2462	7.00
	802.11ax 20M	1	2412	8.00
		6	2437	13.00
		11	2462	8.00

Note:

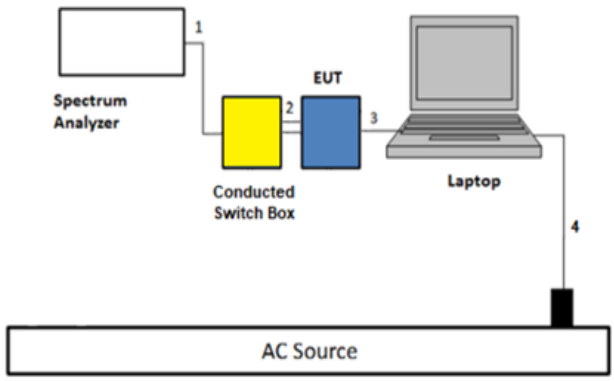
1. Low data rate was used to test on antenna port conducted tests and radiated spurious emissions since it has the highest maximum power.
2. EUT supports Ant 1 antenna mode, Ant 2 mode and MIMO Ant 1+2 mode. What is shown in the report is the data of the worst antenna mode.

2 DESCRIPTION OF TEST SETUP

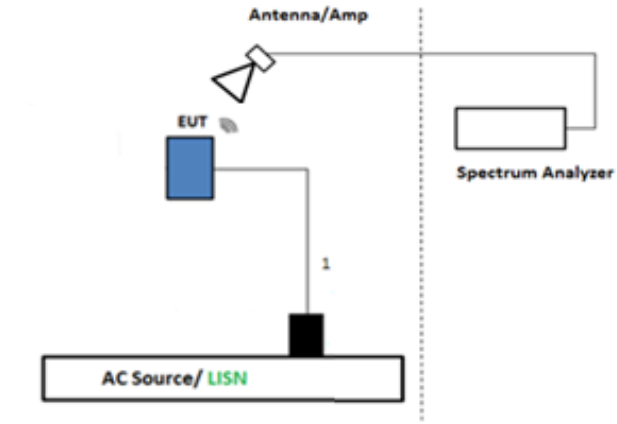
Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Think pad x220	Lenovo	Adapter
(2) Ethernet cable	N/A	N/A	N/A
(3) Ethernet cable	N/A	N/A	N/A
Software	Type / Version	Manufacturer	Supplied by
WiFiHostPC	N/A	N/A	N/A



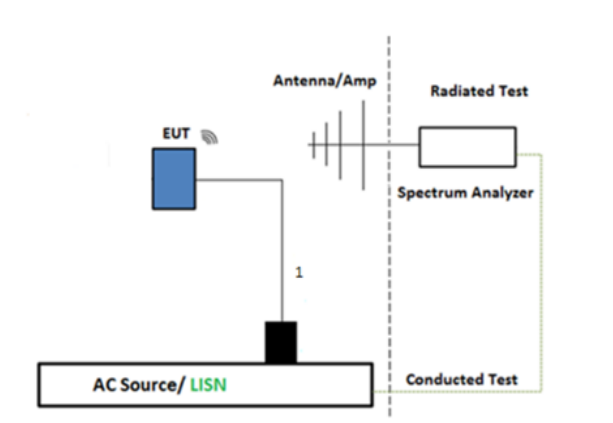
AC Power Line Conducted Emission



Conducted RF



Radiated Test Above 1GHz



Radiated Test Below 1GHz

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2) Ethernet cable	1	☒	☒
(3) Ethernet cable	8	☒	☒

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
FCC CFR Title 47 Part 15 Subpart C Section 15.247	2020	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
KDB 558074 D01V05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247
KDB 662911 D01V02r01	2020	Provision to Allow Measurement of Directional Gain of Multi-Antenna Systems for Compliance Verification

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)

4 TEST RESULTS

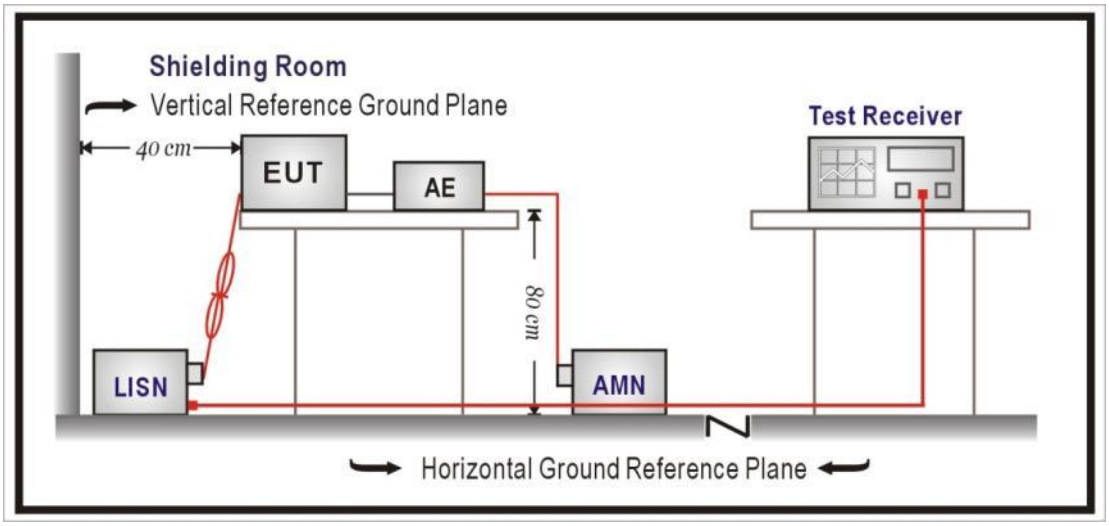
4.1 AC Power Line Conducted Emission	VERDICT: PASS

4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.207	
Frequency range [MHz]	Limit: QP [dB(μV)[1)]]	Limit: AV [dB(μV)[1)]]
0,15 - 0,50	66 - 56 [2)]	56 - 46 [2)]
0,50 - 5,0	56	46
5,0 - 30	60	50

[1)] At the transition frequency, the lower limit applies.
[2)] The limit decreases linearly with the logarithm of the frequency.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 Emissions in restricted frequency bands — VERDICT: PASS

4.2.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.205; 15.209

Restricted Bands of operation for FCC

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	Above 38.6
13.36 – 13.41	--	--	--

Restricted Band Emissions Limit

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)

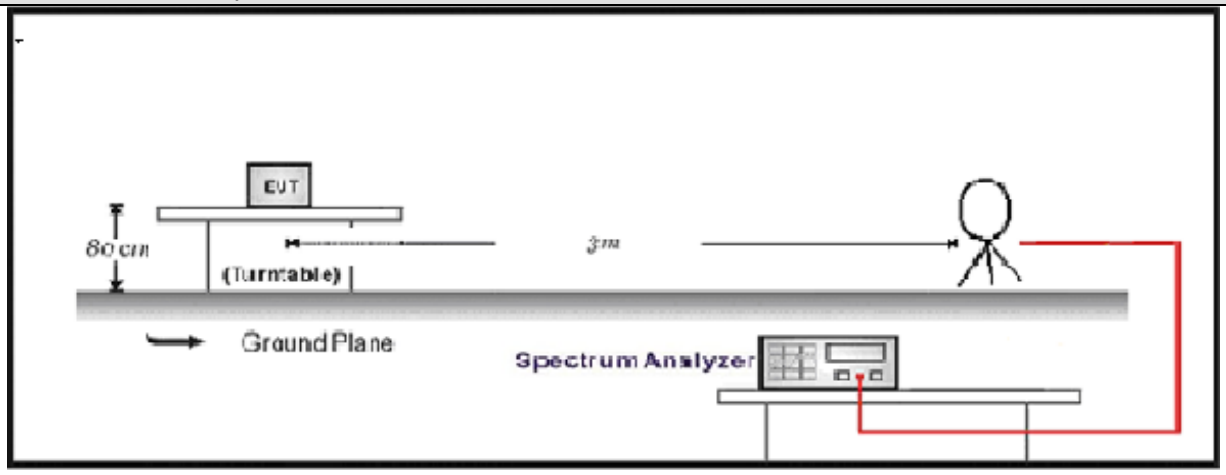
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed 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

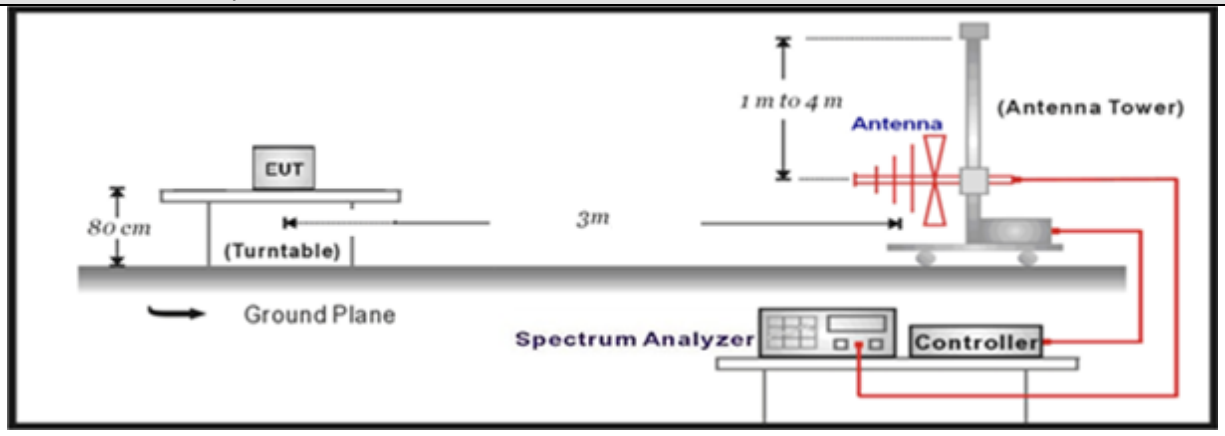
factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

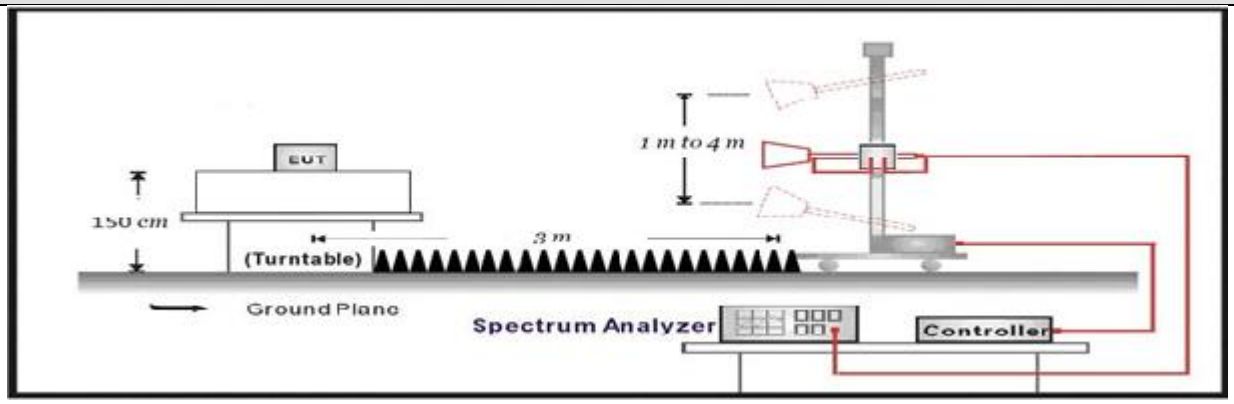
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2.3 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	6.3	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

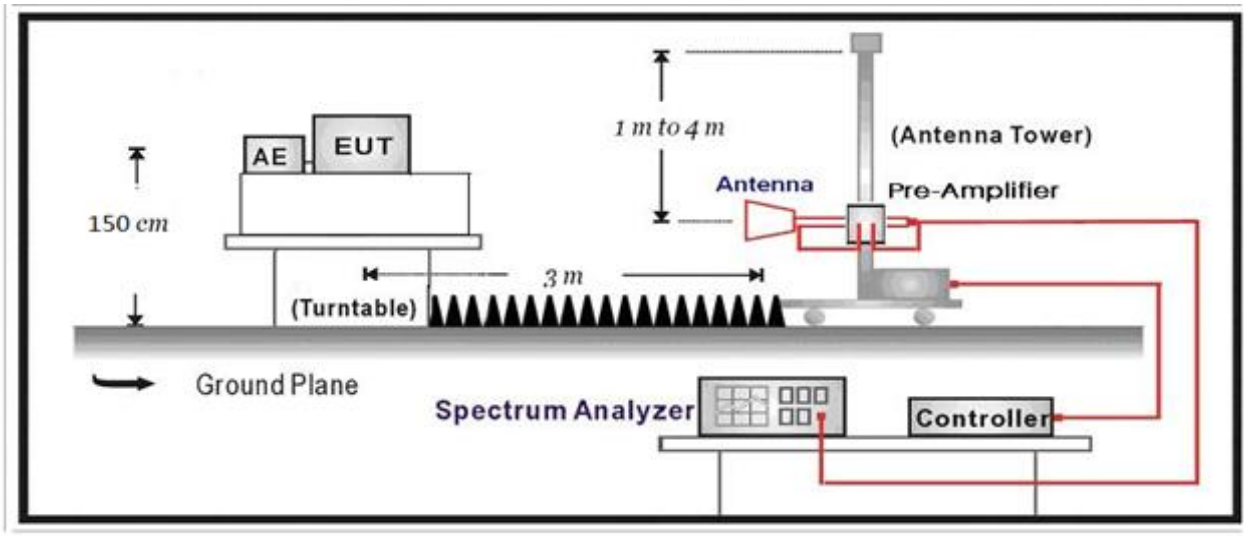
4.3 Radiated Emission Band Edge	VERDICT: PASS

4.3.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209			
Frequency bands (MHz)	Detector	Limit (dBμV/m)	RBW (MHz)	Distance (m)
2310-2390 2483.5-2500	PK	74	1	3
	AV	54	1	3
Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.				

4.3.2 Test Setup

Above 1GHz Test Setup:



4.3.3 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	6.3	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

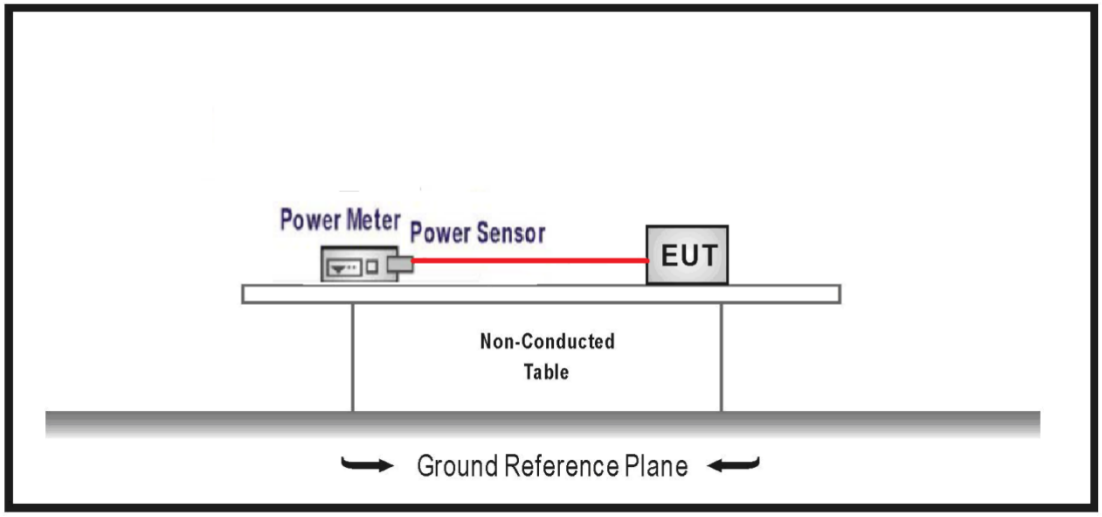
4.4 Fundamental emission output power	VERDICT: PASS

4.4.1 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
	☐	Avgregate 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 conducted output power .

4.4.2 Test Setup



4.4.3 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	PKPM1 Peak power meter method

4.5 Antenna Requirement	VERDICT: PASS

4.5.1 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.	

4.5.2 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.

Appendix

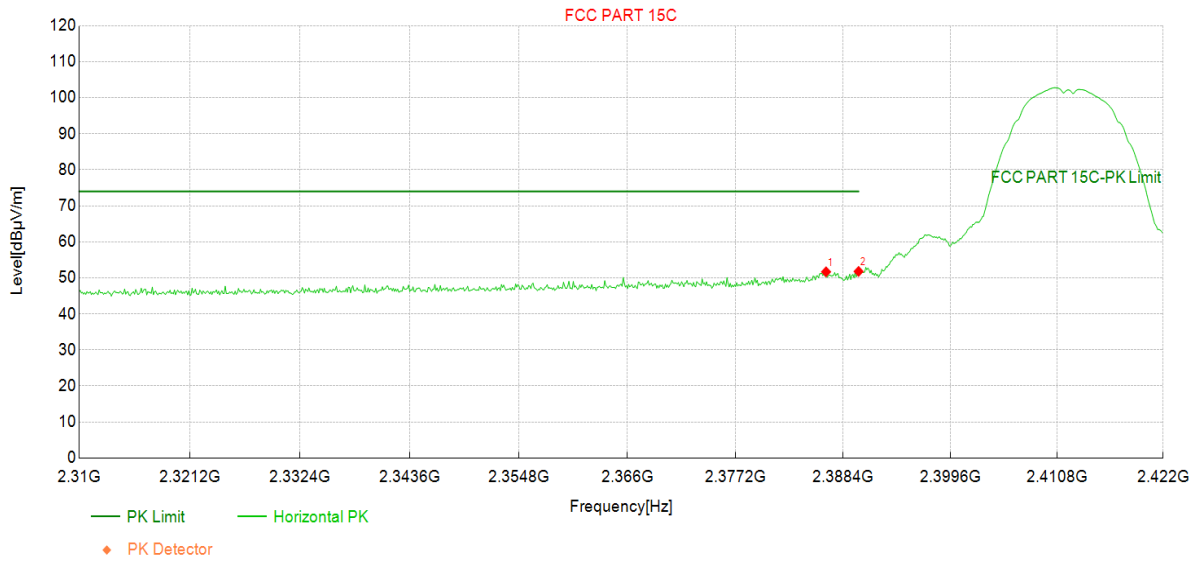
Maximum Conducted Output Power

Wi-Fi 2.4G			Ant 1	Ant 2	Ant 1+2	Limit	
Mode	Channel	Frequency (MHz)	Peak Power (dBm)			Peak Power (dBm)	Pass/Fail
802.11b 1Mbps	1	2412	17.06	18.07	N/A	30	Pass
	6	2437	21.61	20.96	N/A	30	Pass
	11	2462	17.89	18.04	N/A	30	Pass
802.11g 6Mbps	1	2412	16.12	15.15	N/A	30	Pass
	6	2437	20.64	21.78	N/A	30	Pass
	11	2462	15.89	14.89	N/A	30	Pass
802.11n20 MCS0	1	2412	14.76	13.84	17.33	30	Pass
	6	2437	20.98	19.56	23.34	30	Pass
	11	2462	14.82	13.87	17.38	30	Pass
802.11ax20 MCS0	1	2412	16.17	15.84	19.02	30	Pass
	6	2437	21.78	20.35	24.13	30	Pass
	11	2462	15.89	15.69	18.80	30	Pass

Band edge measurements

Transmit at 2412MHz by 802.11b with Ant SISO

Test Graph

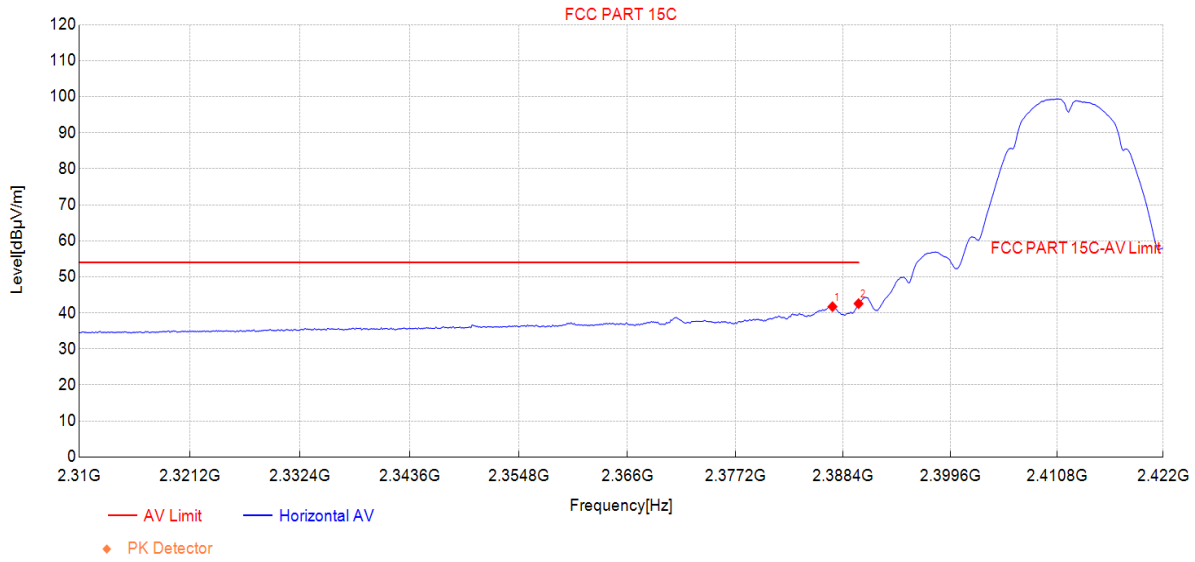


Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.61	51.3	51.67	0.410	74.00	22.33	PK	Horizo	PASS
2	2390.00	51.4	51.78	0.420	74.00	22.22	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

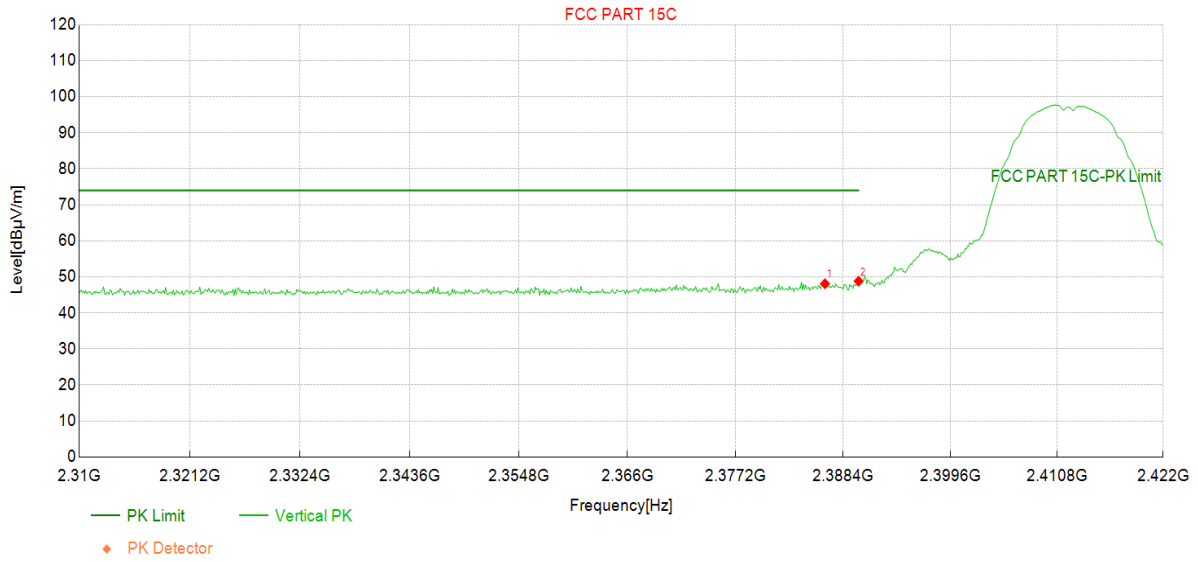
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.28	41.3	41.73	0.410	54.00	12.27	AV	Horizo	PASS
2	2390.00	42.2	42.57	0.420	54.00	11.43	AV	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

Test Graph

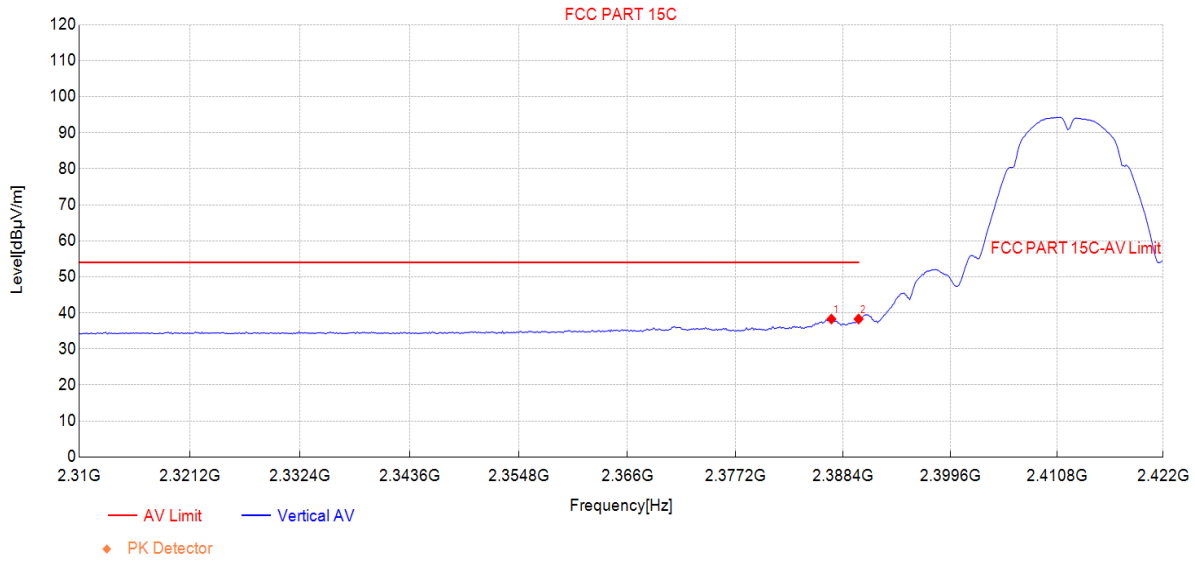


Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.50	47.7	48.09	0.410	74.00	25.91	PK	Vertic	PASS
2	2390.00	48.4	48.79	0.420	74.00	25.21	PK	Vertic	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

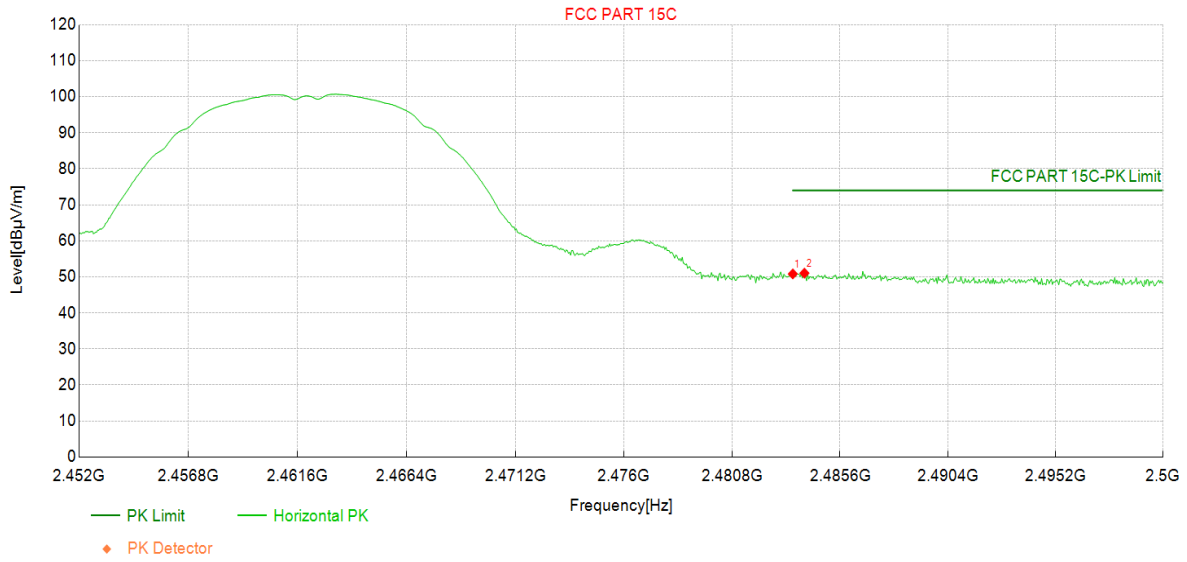
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.17	37.9	38.29	0.410	54.00	15.71	AV	Vertic	PASS
2	2390.00	37.9	38.30	0.420	54.00	15.70	AV	Vertic	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

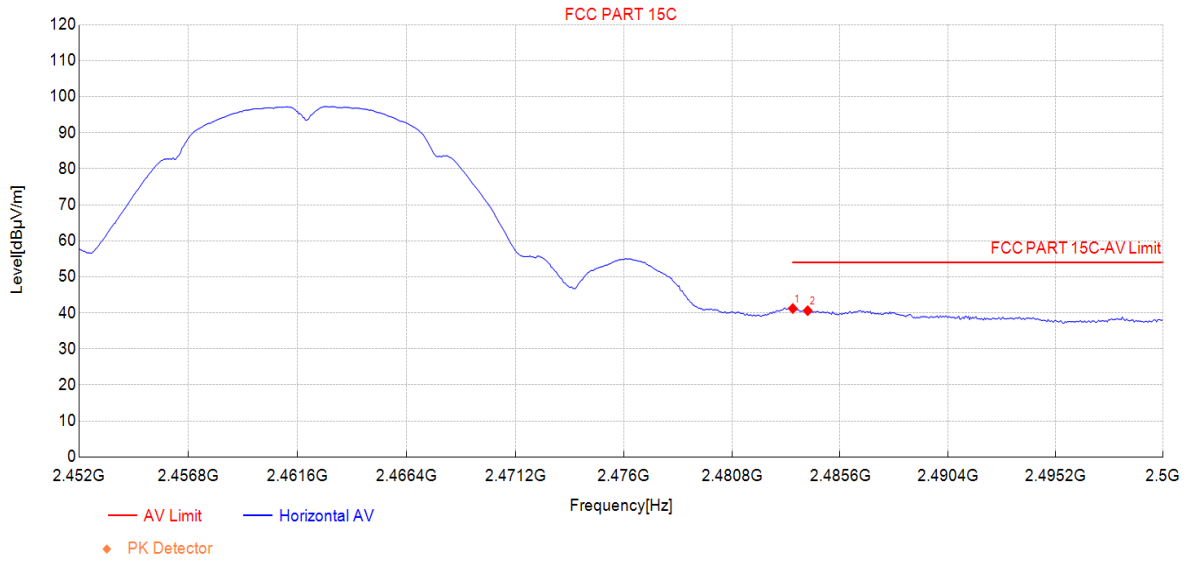
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	50.3	50.81	0.520	74.00	23.19	PK	Horizo	PASS
2	2484.02	50.5	51.03	0.520	74.00	22.97	PK	Horizo	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

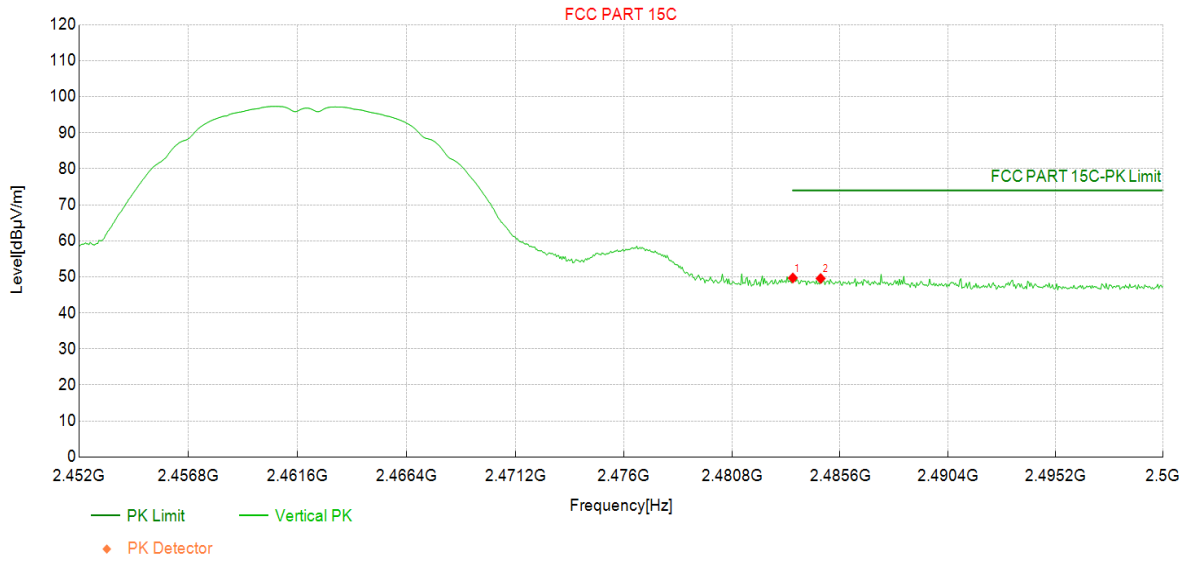
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	40.7	41.21	0.520	54.00	12.79	AV	Horizo	PASS
2	2484.16	40.1	40.61	0.520	54.00	13.39	AV	Horizo	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

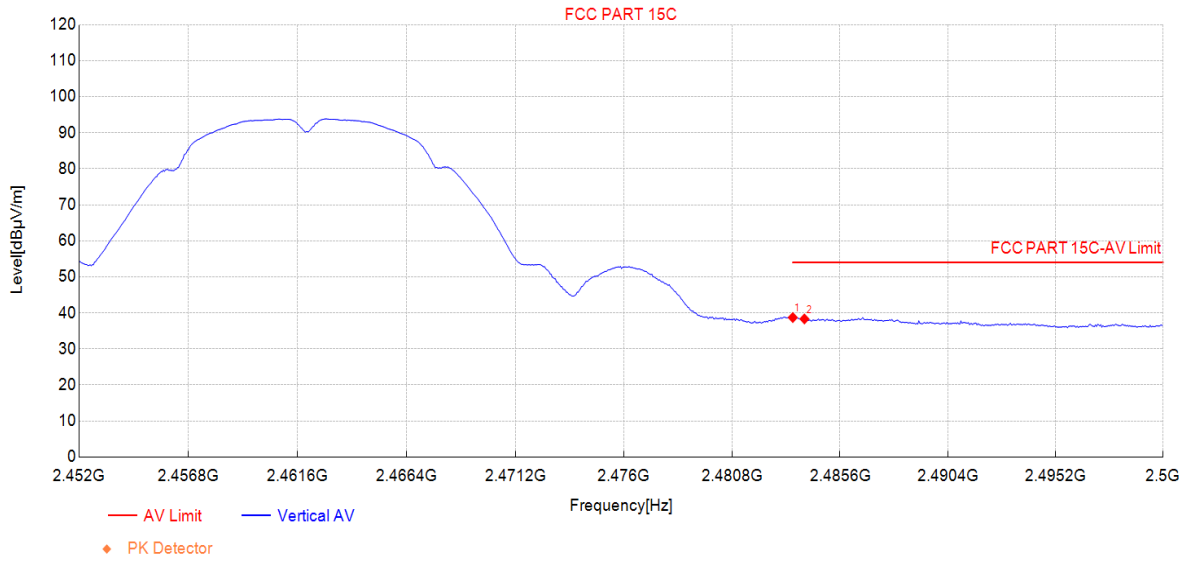
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	49.2	49.69	0.520	74.00	24.31	PK	Vertic	PASS
2	2484.74	49.0	49.55	0.520	74.00	24.45	PK	Vertic	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

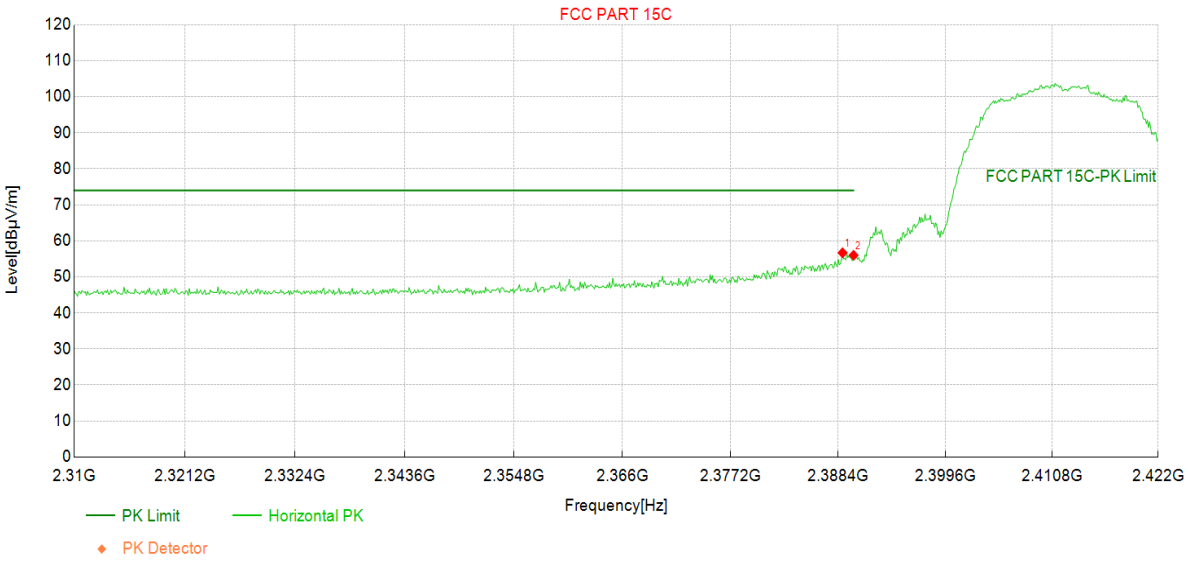
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	38.2	38.71	0.520	54.00	15.29	AV	Vertic	PASS
2	2484.02	37.8	38.32	0.520	54.00	15.68	AV	Vertic	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

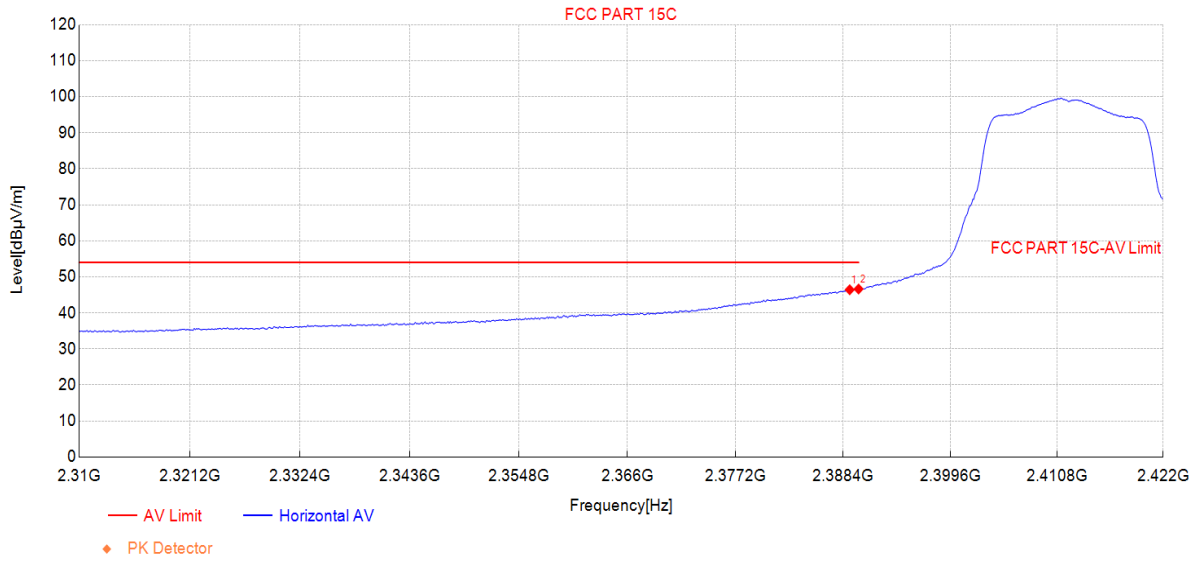
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.85	56.3	56.68	0.420	74.00	17.32	PK	Horizo	PASS
2	2390.00	55.6	55.99	0.420	74.00	18.01	PK	Horizo	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

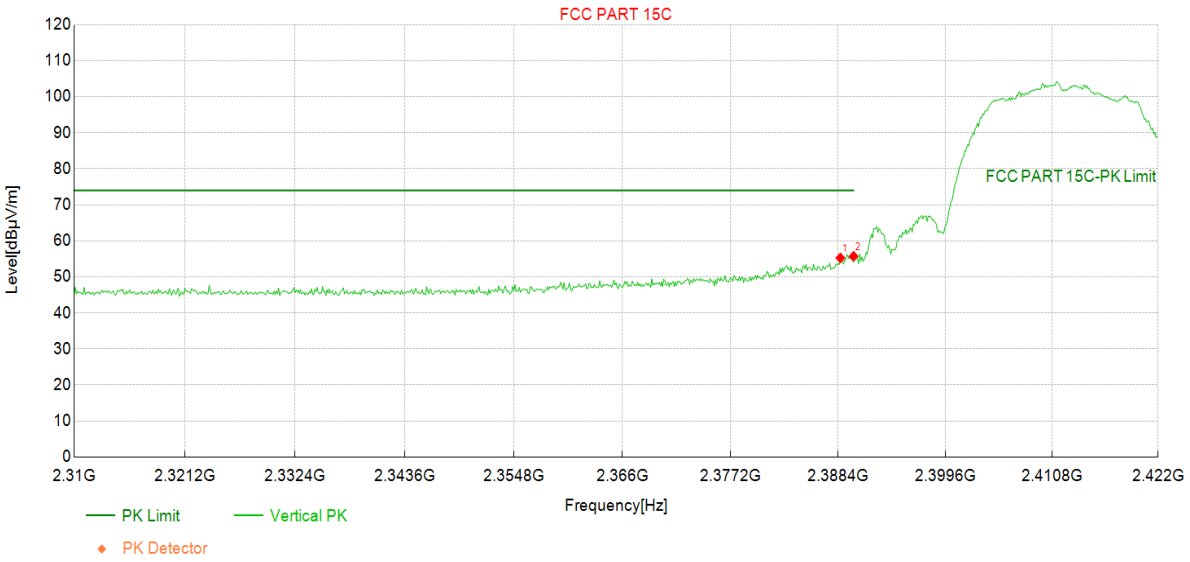
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.07	46.0	46.42	0.420	54.00	7.58	AV	Horizo	PASS
2	2390.00	46.2	46.62	0.420	54.00	7.38	AV	Horizo	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

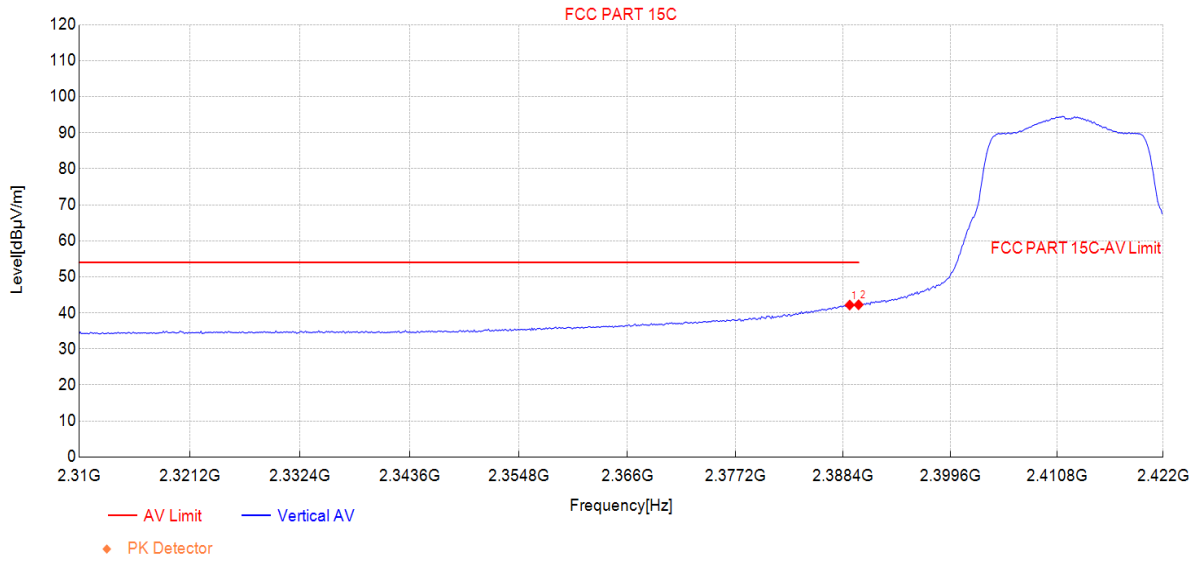
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.62	54.8	55.26	0.420	74.00	18.74	PK	Vertic	PASS
2	2390.00	55.3	55.70	0.420	74.00	18.30	PK	Vertic	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

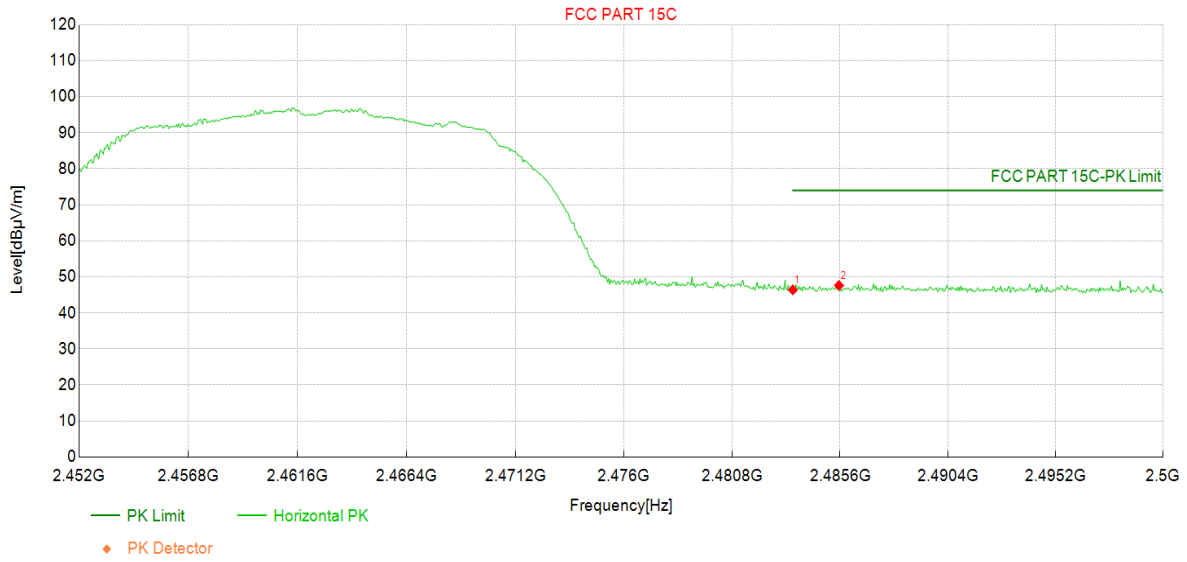
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.07	41.8	42.18	0.420	54.00	11.82	AV	Vertic	PASS
2	2390.00	41.8	42.26	0.420	54.00	11.74	AV	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

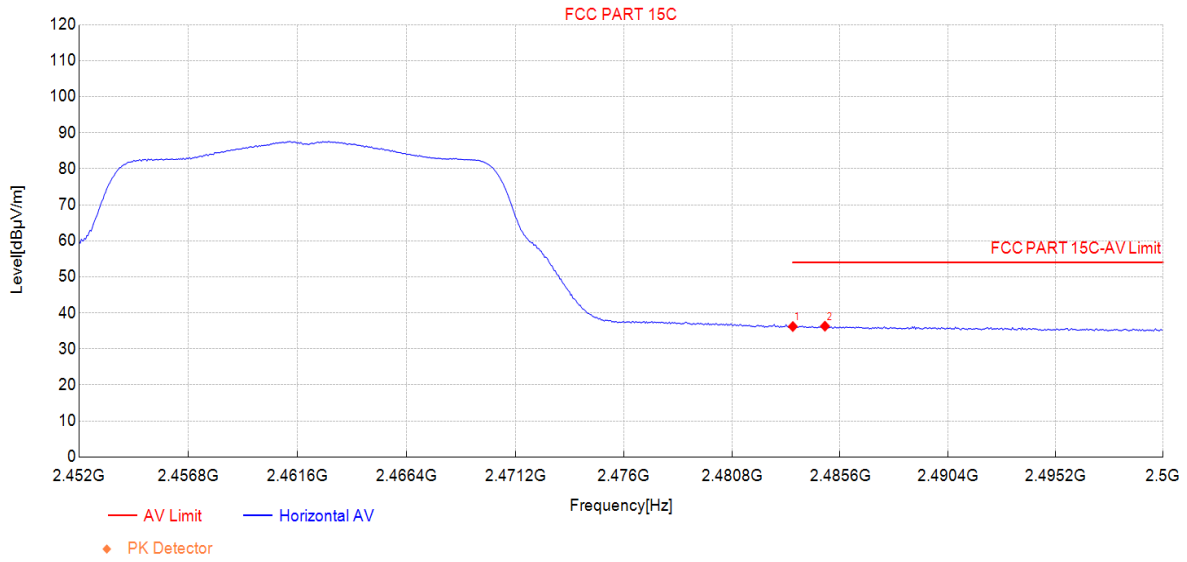
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.9	46.39	0.520	74.00	27.61	PK	Horizo	PASS
2	2485.55	47.1	47.60	0.520	74.00	26.40	PK	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

Test Graph

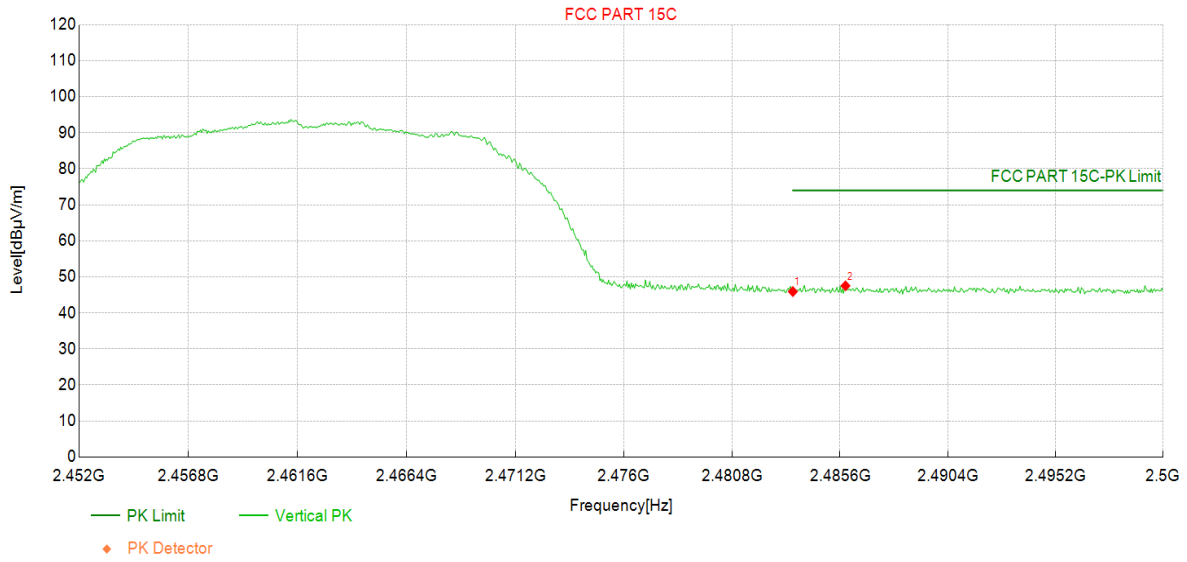


Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.7	36.22	0.520	54.00	17.78	AV	Horizo	PASS
2	2484.93	35.8	36.31	0.520	54.00	17.69	AV	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

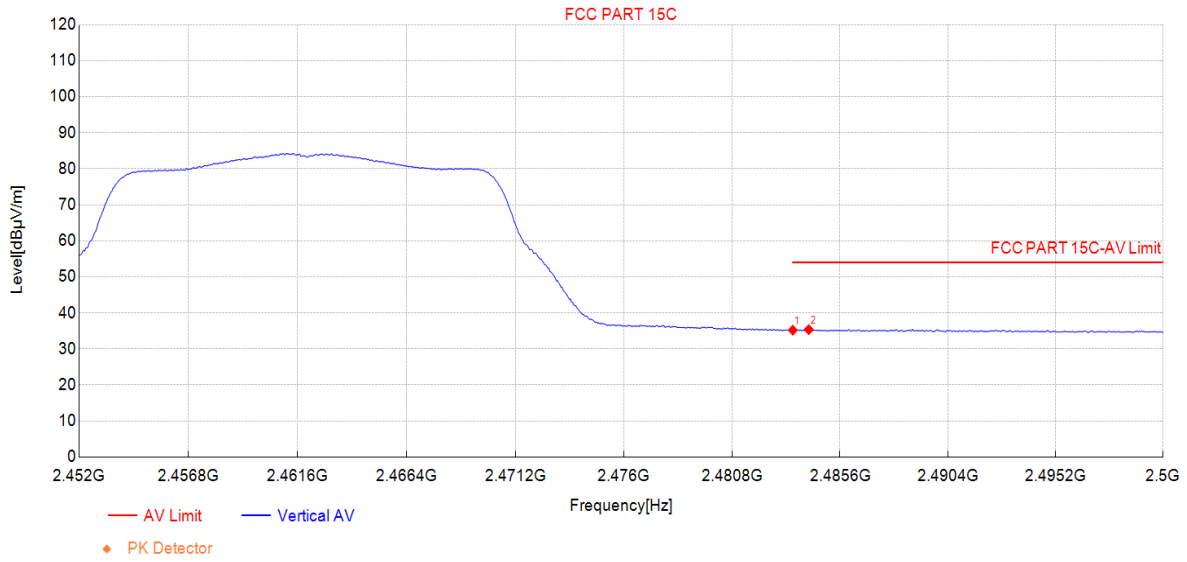
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.4	45.92	0.520	74.00	28.08	PK	Vertic	PASS
2	2485.84	47.0	47.52	0.520	74.00	26.48	PK	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

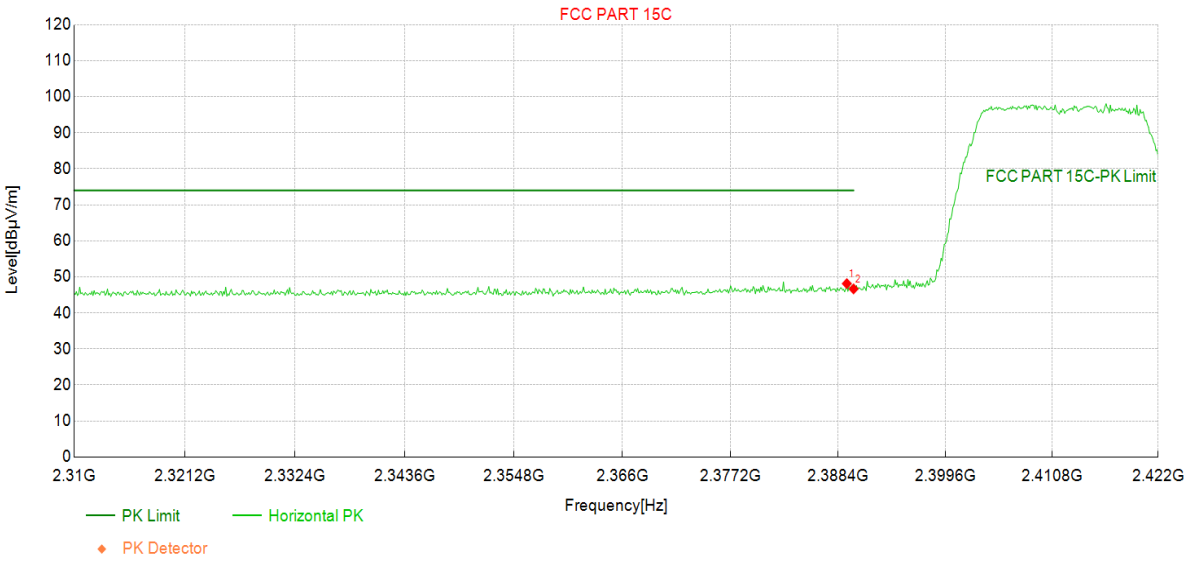
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.7	35.20	0.520	54.00	18.80	AV	Vertic	PASS
2	2484.21	34.8	35.36	0.520	54.00	18.64	AV	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

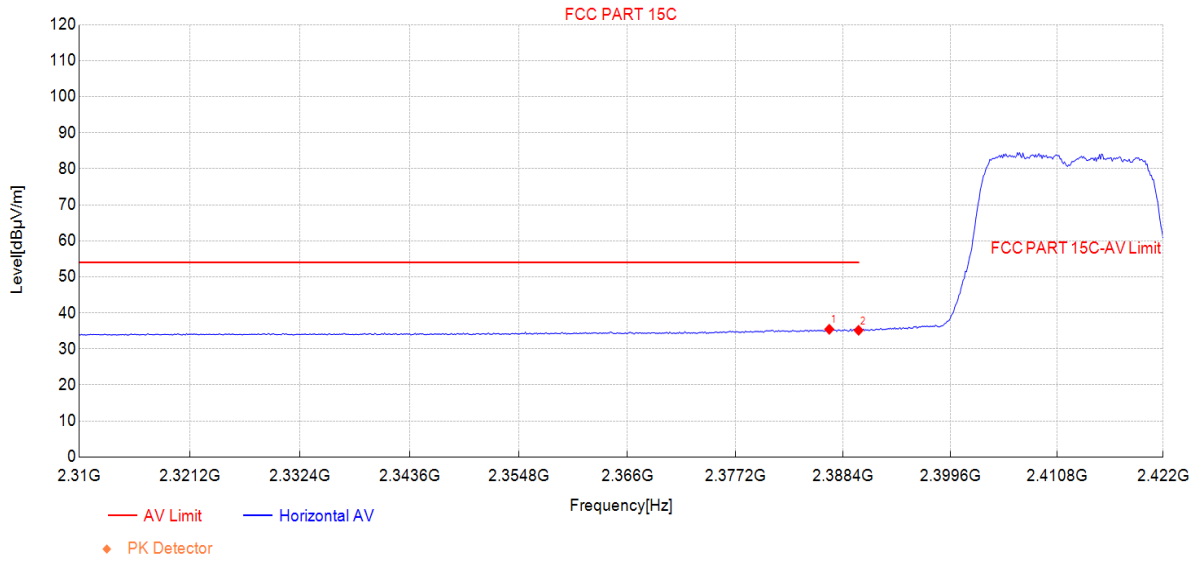
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.30	47.7	48.13	0.420	74.00	25.87	PK	Horizo	PASS
2	2390.00	46.2	46.65	0.420	74.00	27.35	PK	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

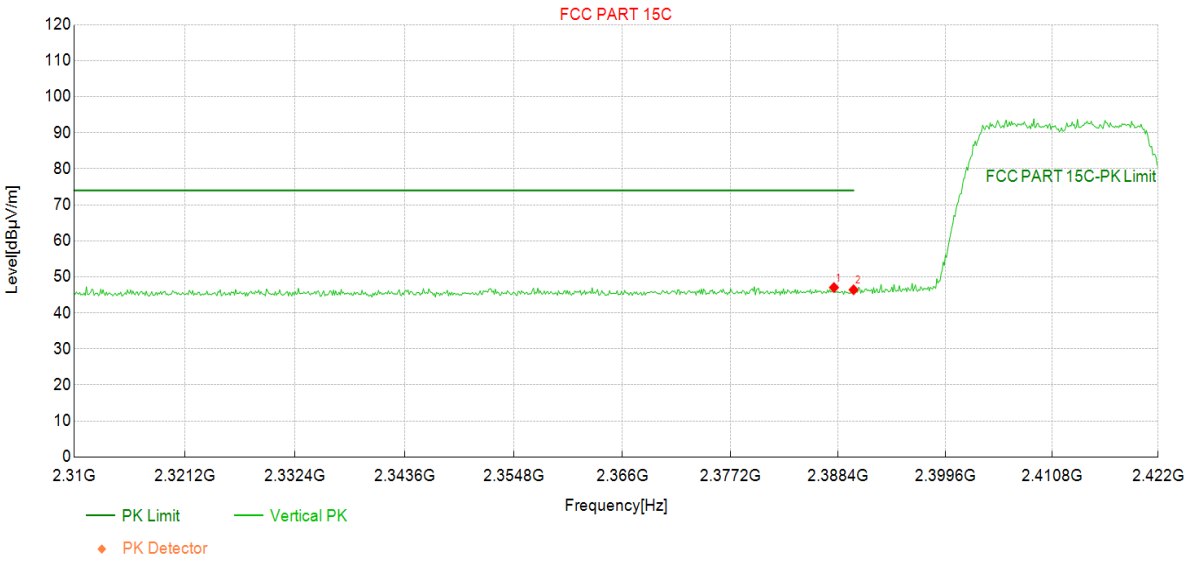
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.94	35.0	35.45	0.410	54.00	18.55	AV	Horizo	PASS
2	2390.00	34.8	35.17	0.420	54.00	18.83	AV	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

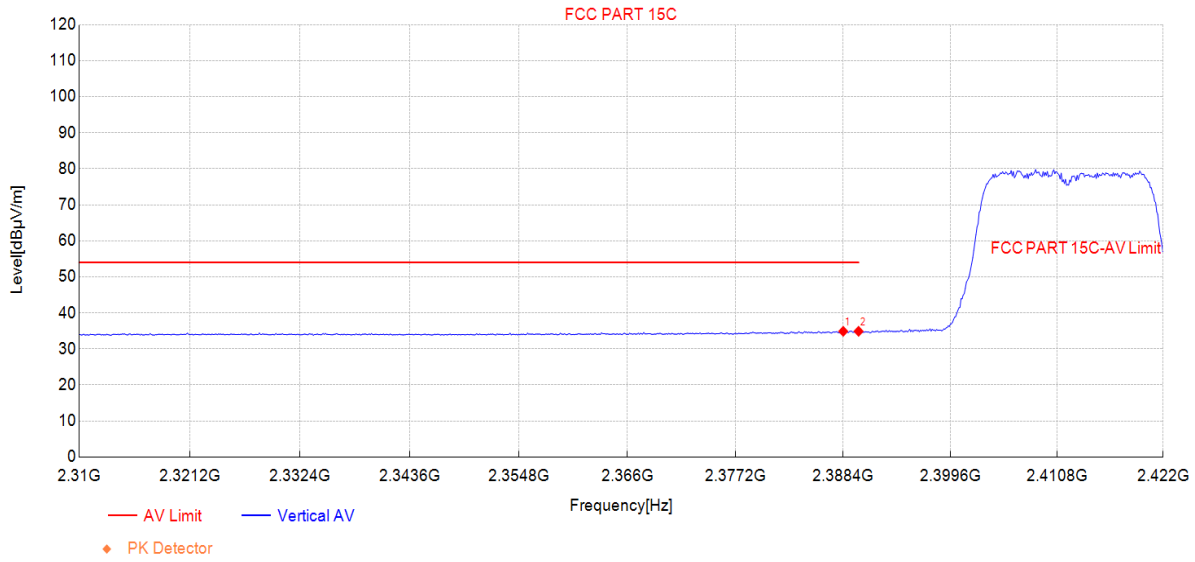
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.95	46.6	47.04	0.410	74.00	26.96	PK	Vertic	PASS
2	2390.00	46.0	46.41	0.420	74.00	27.59	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

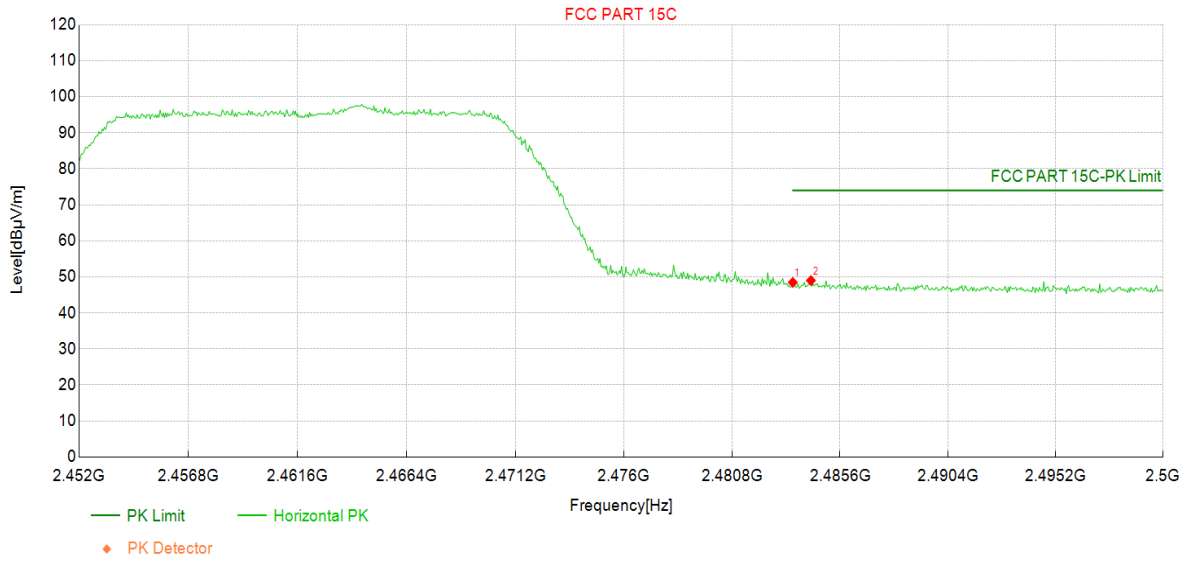
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.40	34.5	34.89	0.410	54.00	19.11	AV	Vertic	PASS
2	2390.00	34.5	34.90	0.420	54.00	19.10	AV	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

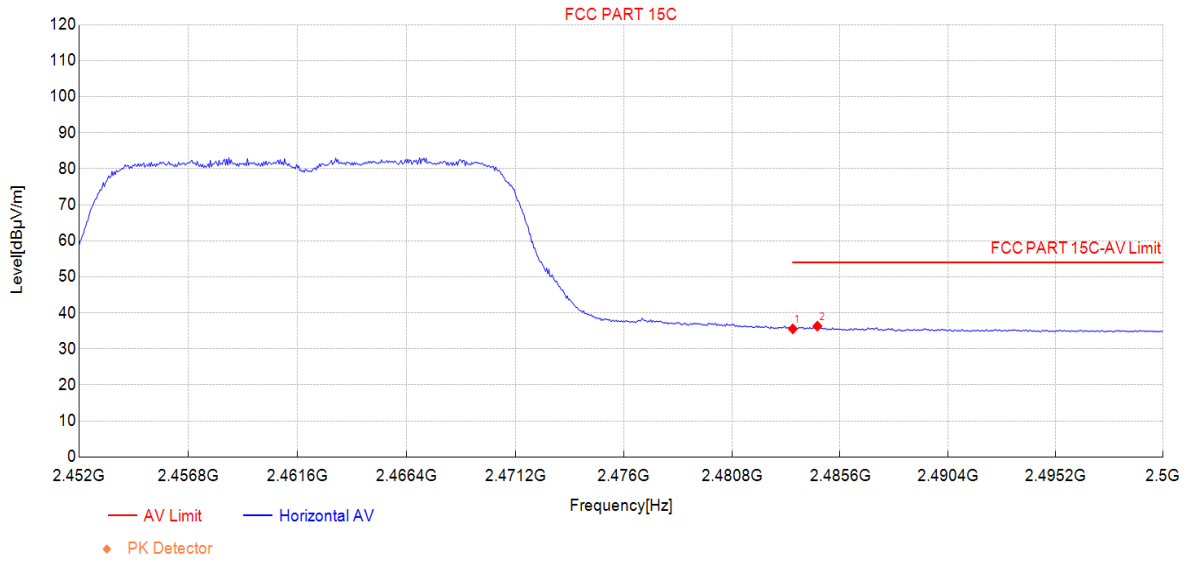
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.9	48.46	0.520	74.00	25.54	PK	Horizo	PASS
2	2484.30	48.5	48.99	0.520	74.00	25.01	PK	Horizo	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

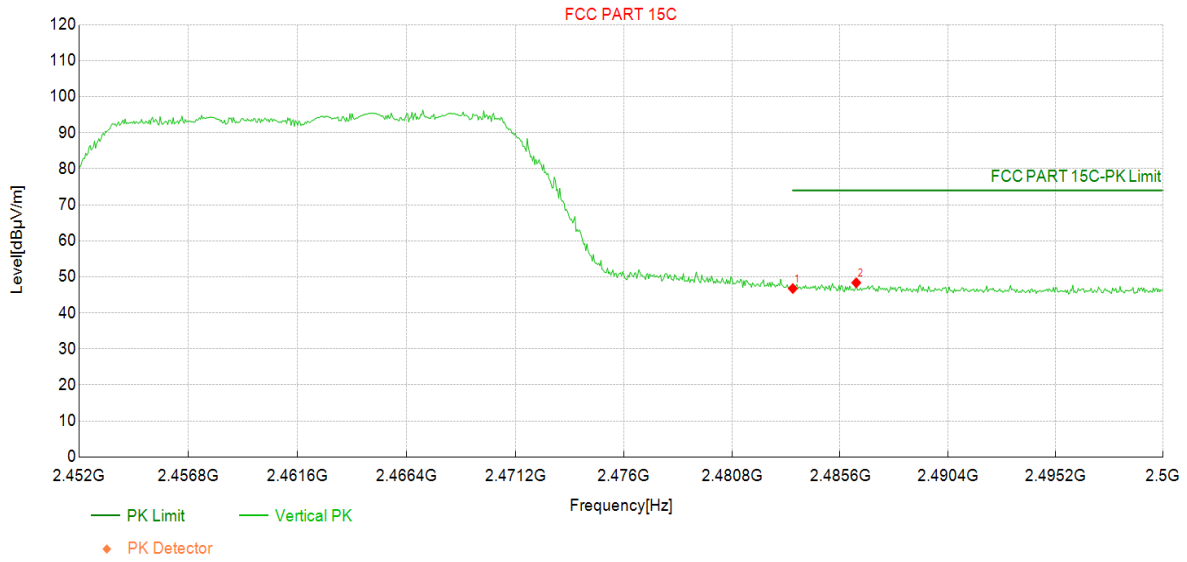
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.0	35.56	0.520	54.00	18.44	AV	Horizo	PASS
2	2484.59	35.8	36.32	0.520	54.00	17.68	AV	Horizo	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

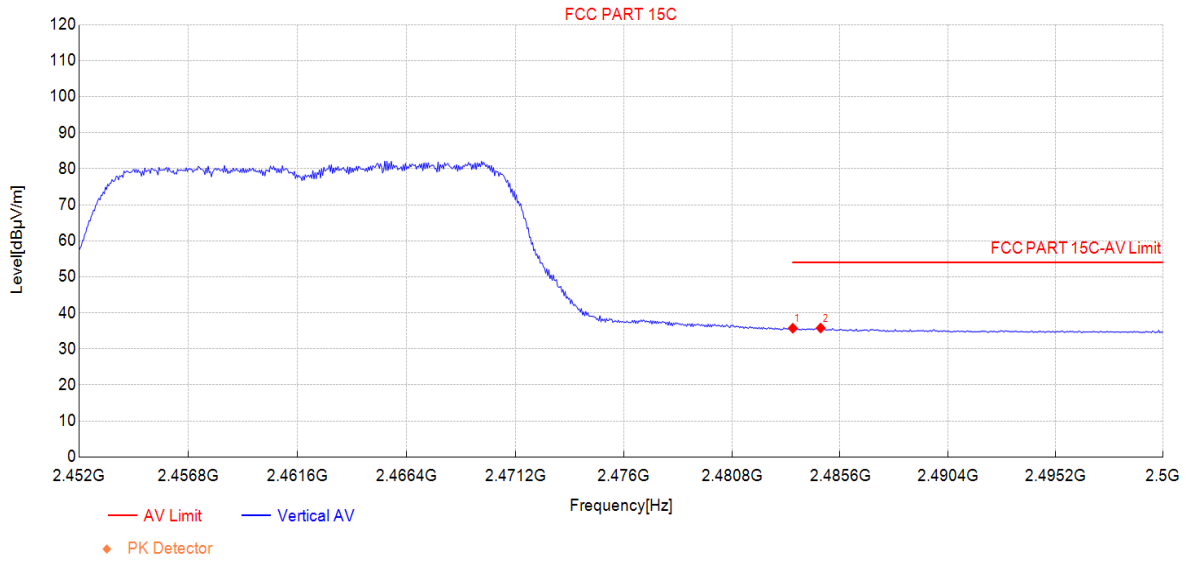
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.2	46.76	0.520	74.00	27.24	PK	Vertic	PASS
2	2486.32	47.8	48.36	0.520	74.00	25.64	PK	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

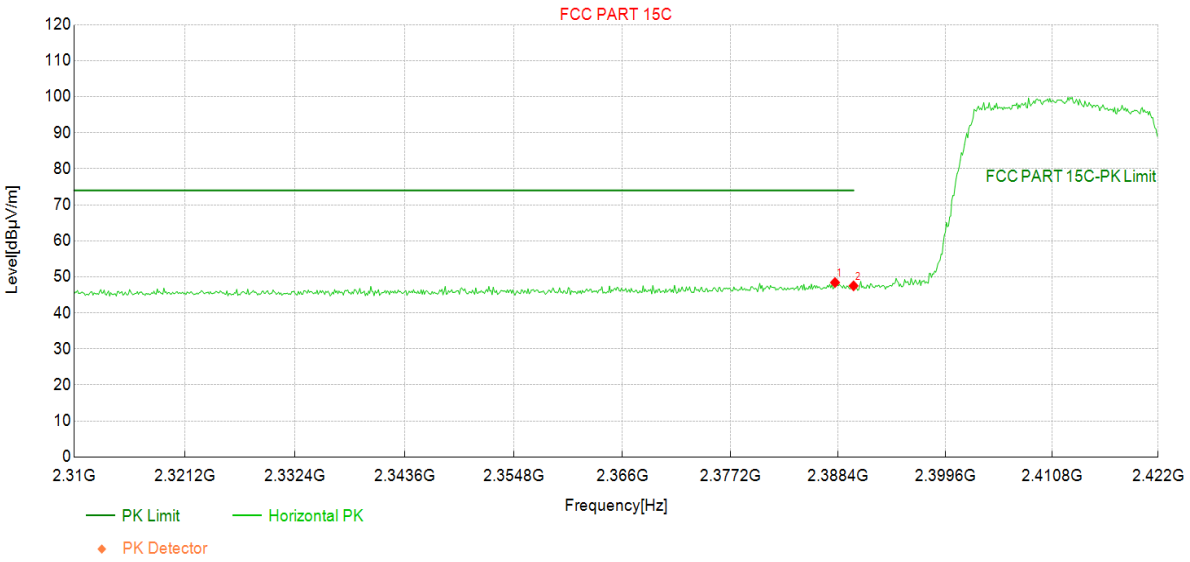
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.2	35.74	0.520	54.00	18.26	AV	Vertic	PASS
2	2484.74	35.3	35.79	0.520	54.00	18.21	AV	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

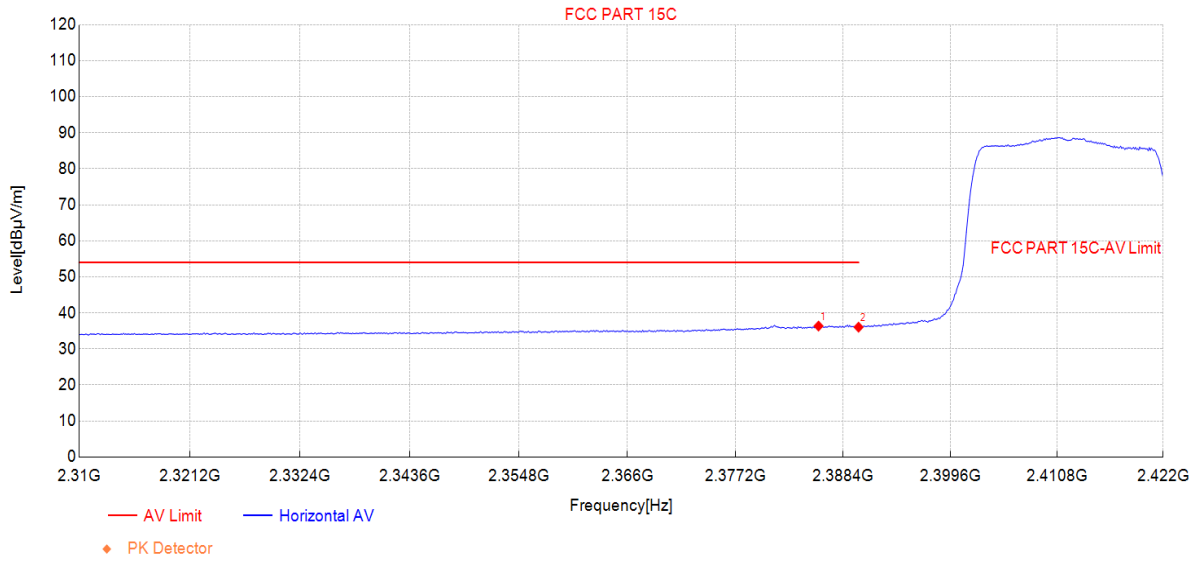
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.06	48.0	48.43	0.410	74.00	25.57	PK	Horizo	PASS
2	2390.00	47.1	47.51	0.420	74.00	26.49	PK	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

Test Graph

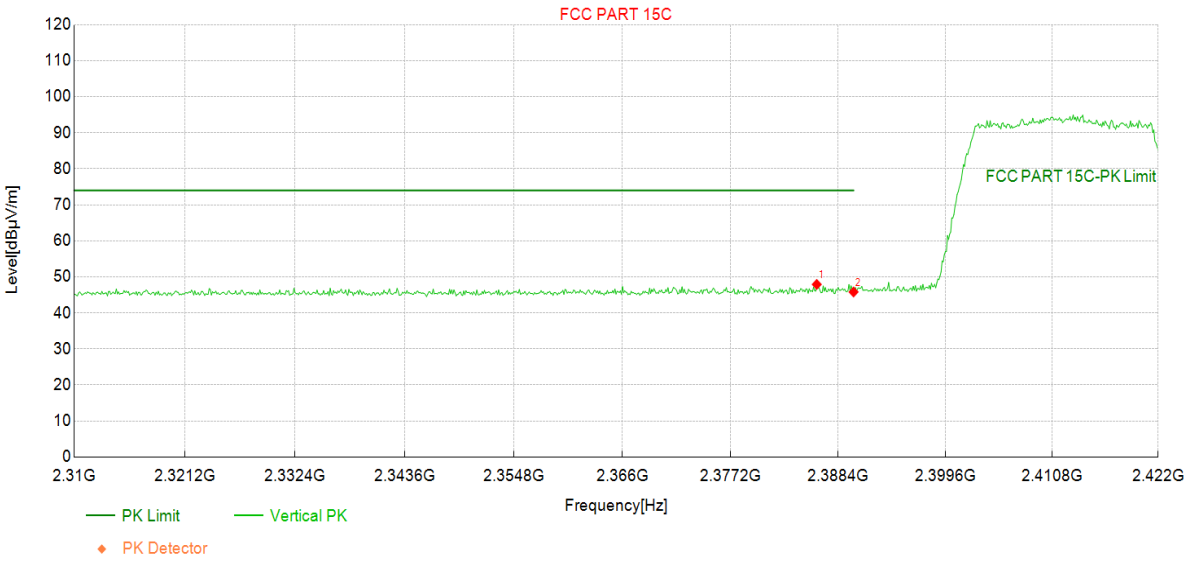


Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.82	35.9	36.35	0.410	54.00	17.65	AV	Horizo	PASS
2	2390.00	35.6	36.04	0.420	54.00	17.96	AV	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

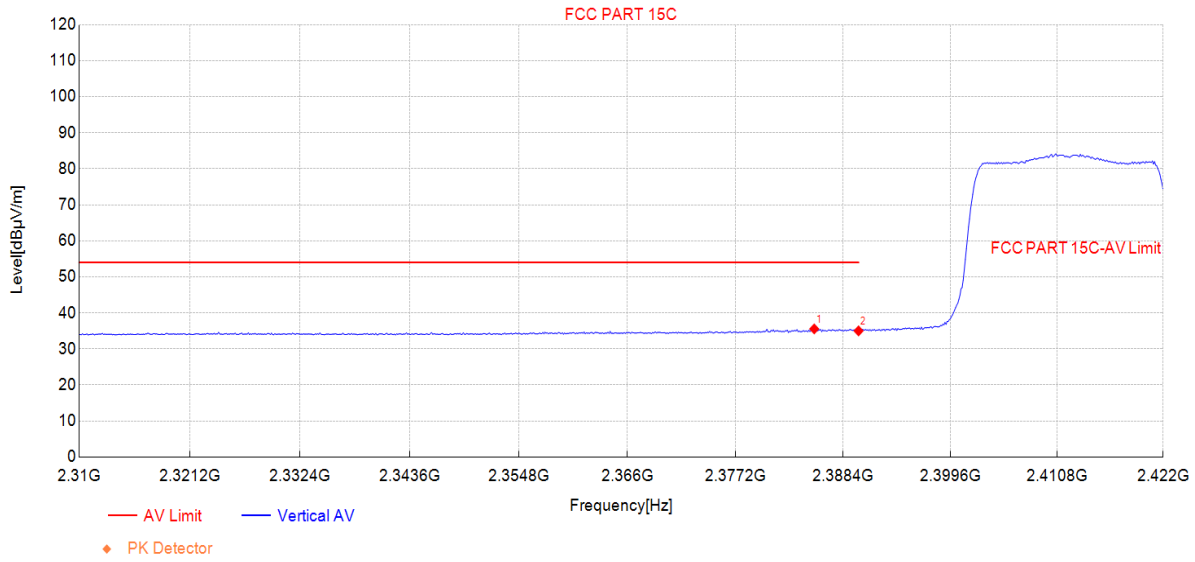
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.16	47.5	47.91	0.410	74.00	26.09	PK	Vertic	PASS
2	2390.00	45.4	45.81	0.420	74.00	28.19	PK	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

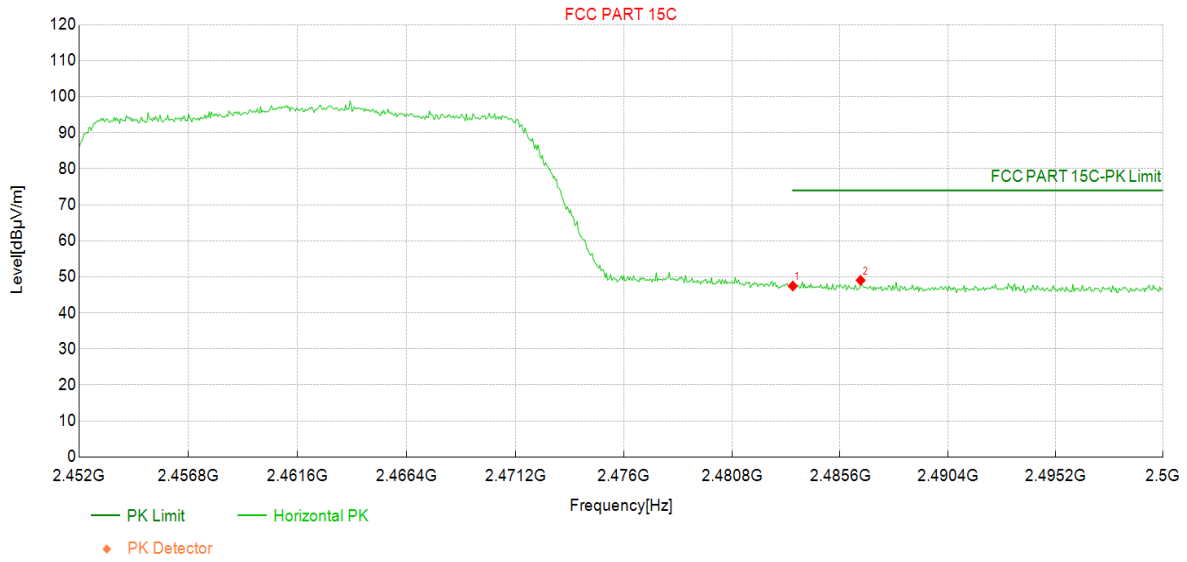
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.38	35.1	35.55	0.410	54.00	18.45	AV	Vertic	PASS
2	2390.00	34.6	35.01	0.420	54.00	18.99	AV	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

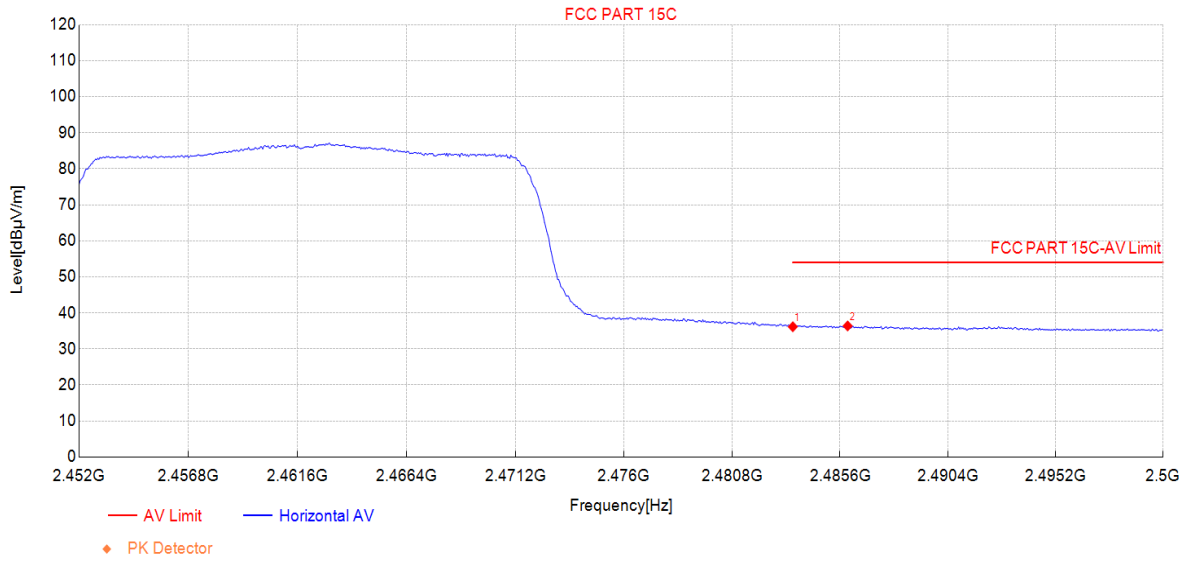
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.9	47.46	0.520	74.00	26.54	PK	Horizo	PASS
2	2486.51	48.5	49.04	0.520	74.00	24.96	PK	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

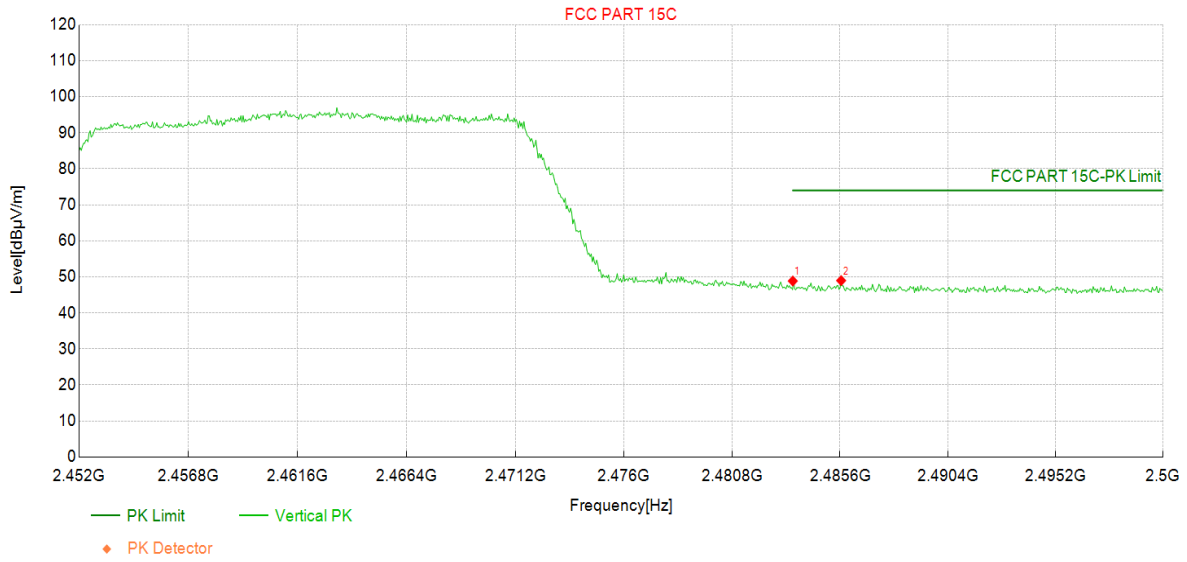
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.6	36.15	0.520	54.00	17.85	AV	Horizo	PASS
2	2485.94	35.9	36.38	0.520	54.00	17.62	AV	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

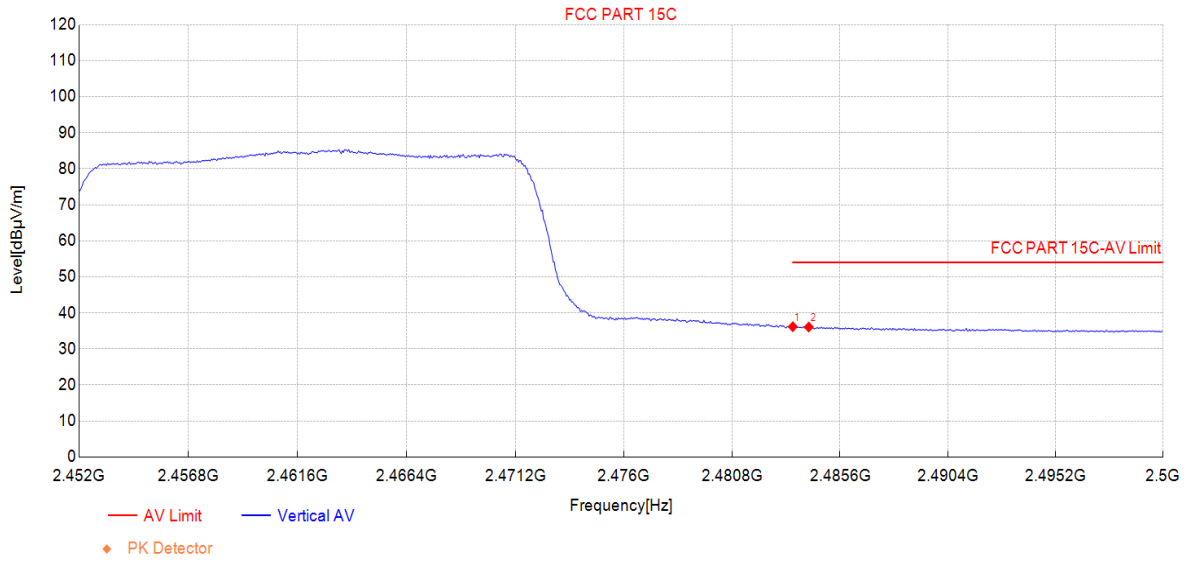
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	48.3	48.85	0.520	74.00	25.15	PK	Vertic	PASS
2	2485.65	48.5	48.97	0.520	74.00	25.03	PK	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

Test Graph



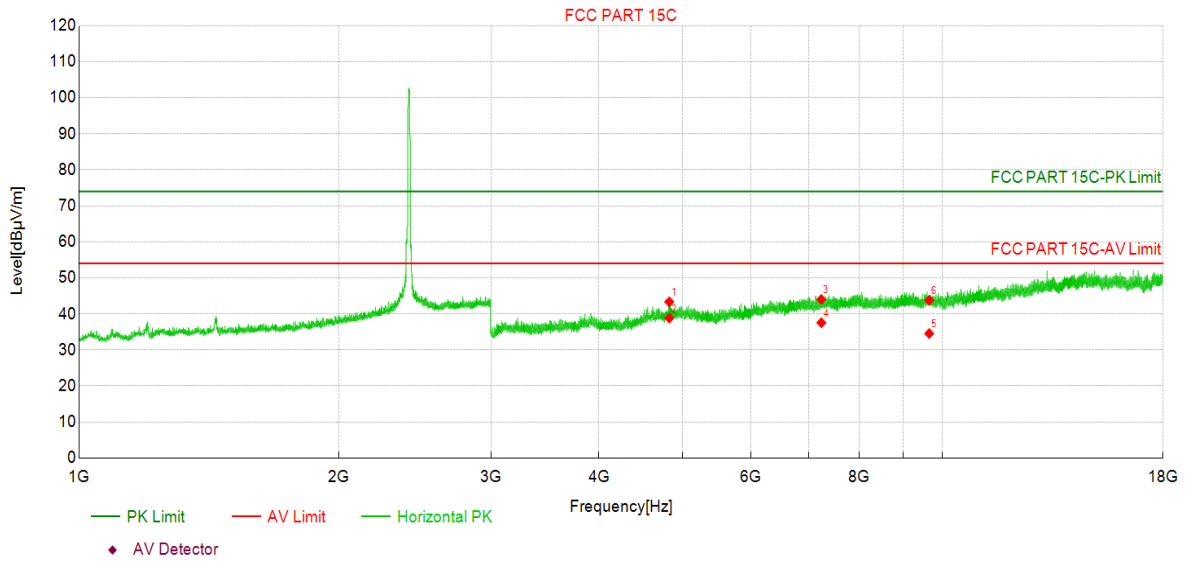
Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.6	36.16	0.520	54.00	17.84	AV	Vertic	PASS
2	2484.21	35.6	36.08	0.520	54.00	17.92	AV	Vertic	PASS

Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

Emissions in Restricted Bands

Transmit at 2412MHz by 802.11b with Ant SISO

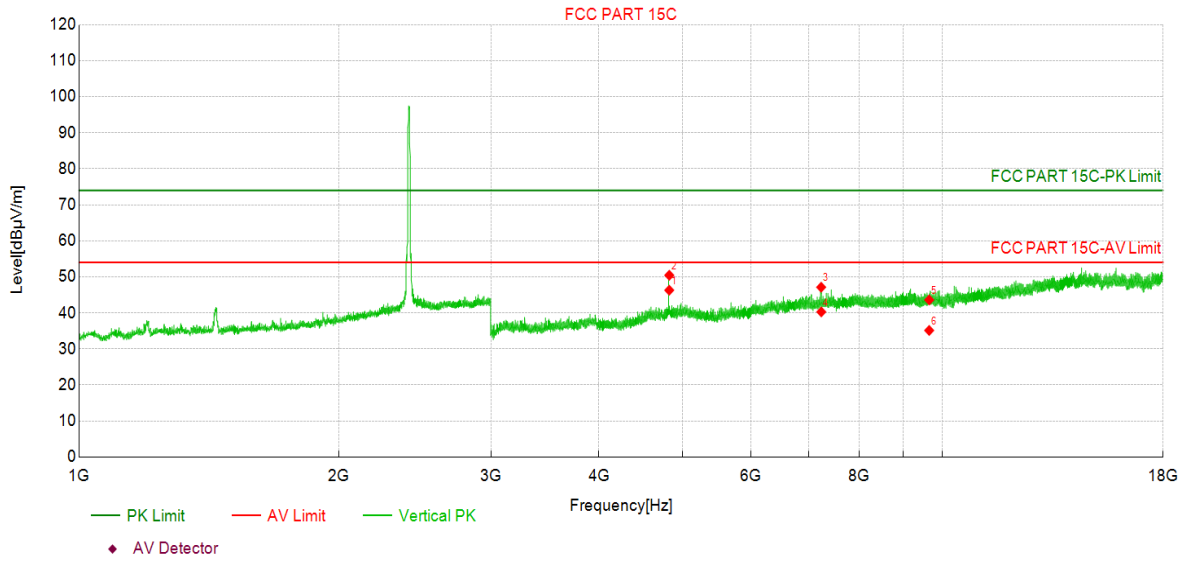
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	50.1	43.34	-6.790	74.00	30.66	PK	Horizo	PASS
2	4824.50	45.6	38.83	-6.780	54.00	15.17	AV	Horizo	PASS
3	7236.00	45.5	43.99	-1.520	74.00	30.01	PK	Horizo	PASS
4	7237.50	39.1	37.55	-1.510	54.00	16.45	AV	Horizo	PASS
5	9648.00	32.8	34.55	1.800	54.00	19.45	AV	Horizo	PASS
6	9648.00	42.0	43.76	1.800	74.00	30.24	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

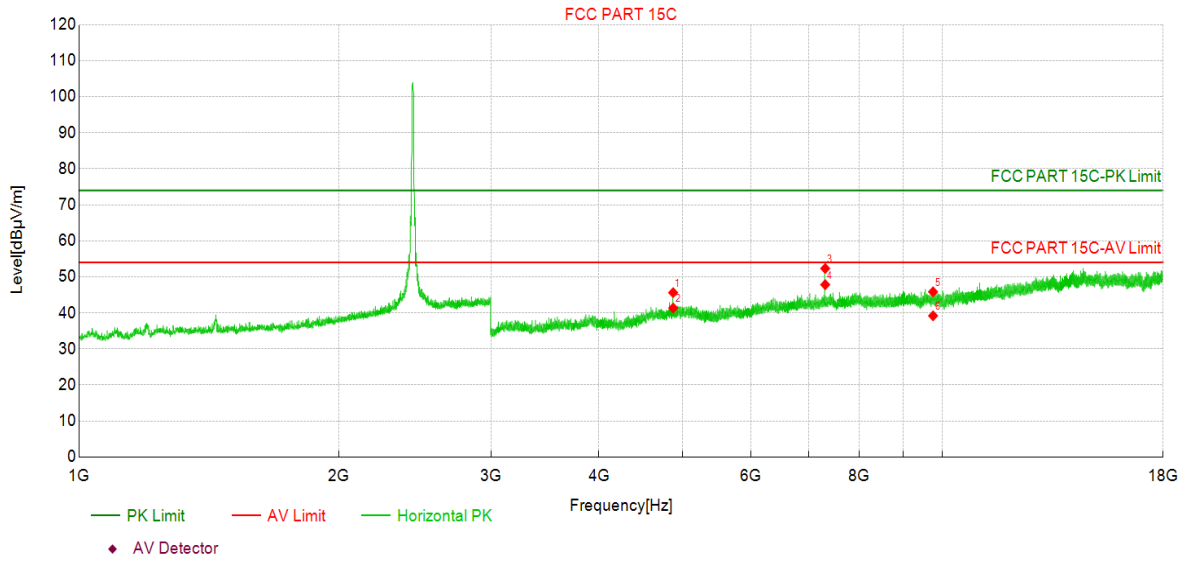
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	53.1	46.29	-6.790	54.00	7.71	AV	Vertic	PASS
2	4824.00	57.2	50.44	-6.790	74.00	23.56	PK	Vertic	PASS
3	7233.50	48.7	47.13	-1.530	74.00	26.87	PK	Vertic	PASS
4	7236.00	41.8	40.28	-1.520	54.00	13.72	AV	Vertic	PASS
5	9648.00	41.8	43.60	1.800	74.00	30.40	PK	Vertic	PASS
6	9648.00	33.3	35.13	1.800	54.00	18.87	AV	Vertic	PASS

Transmit at 2437MHz by 802.11b with Ant SISO

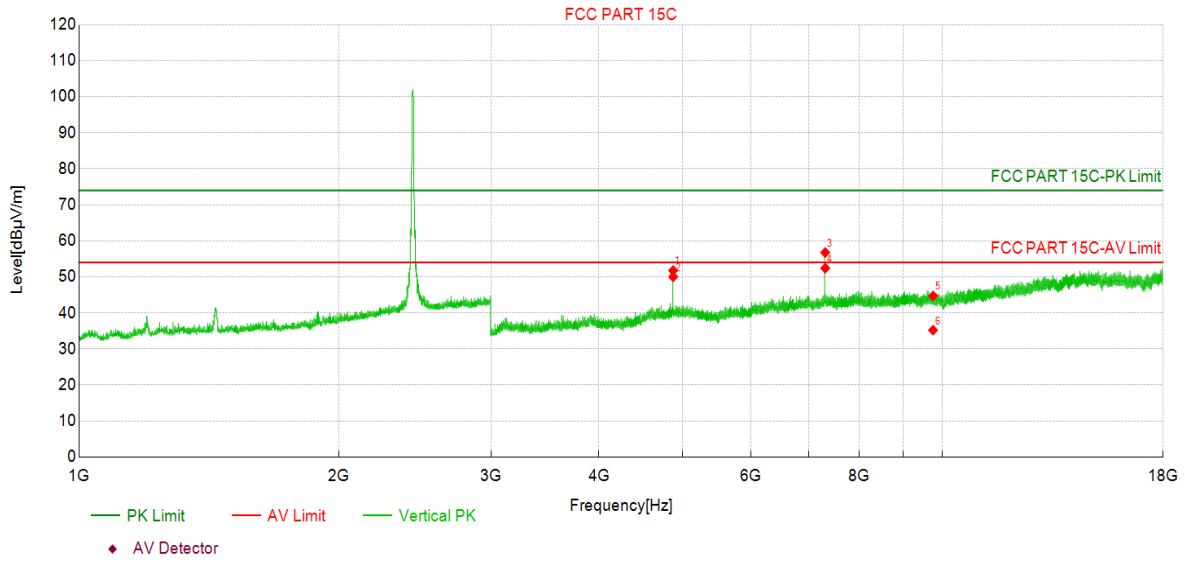
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	52.0	45.62	-6.350	74.00	28.38	PK	Horizo	PASS
2	4874.50	47.7	41.35	-6.340	54.00	12.65	AV	Horizo	PASS
3	7312.00	53.4	52.33	-1.110	74.00	21.67	PK	Horizo	PASS
4	7312.50	48.9	47.83	-1.100	54.00	6.17	AV	Horizo	PASS
5	9748.00	43.9	45.84	1.950	74.00	28.16	PK	Horizo	PASS
6	9748.50	37.2	39.19	1.960	54.00	14.81	AV	Horizo	PASS

Transmit at 2437MHz by 802.11b with Ant SISO

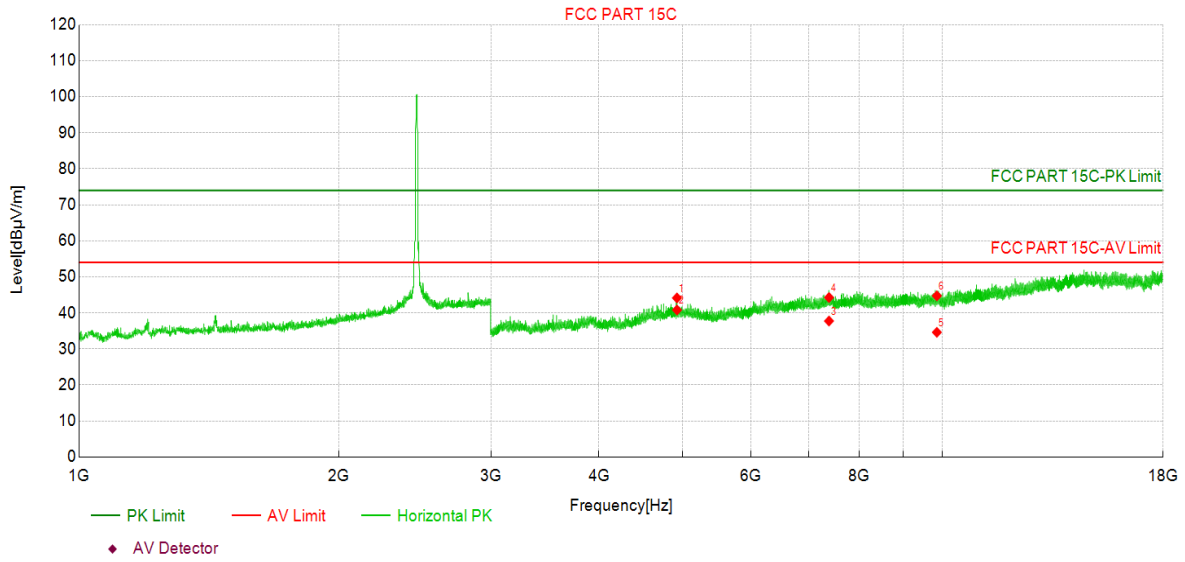
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	58.1	51.75	-6.350	74.00	22.25	PK	Vertic	PASS
2	4874.50	56.4	50.01	-6.340	54.00	3.99	AV	Vertic	PASS
3	7312.00	57.9	56.76	-1.110	74.00	17.24	PK	Vertic	PASS
4	7312.50	53.5	52.41	-1.100	54.00	1.59	AV	Vertic	PASS
5	9748.00	42.8	44.71	1.950	74.00	29.29	PK	Vertic	PASS
6	9748.00	33.3	35.20	1.950	54.00	18.80	AV	Vertic	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

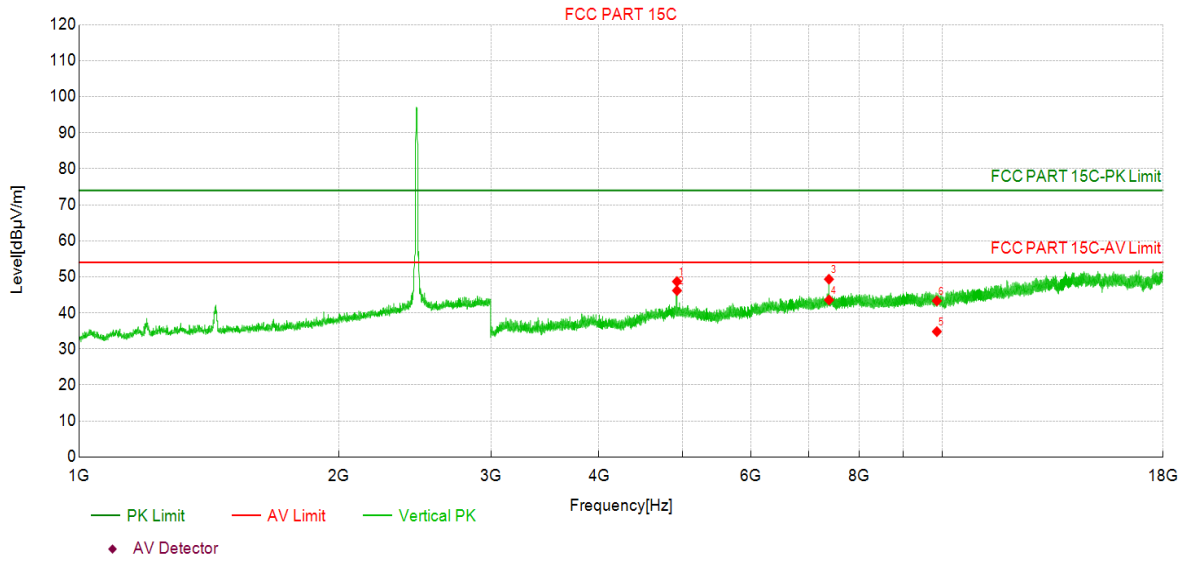
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	50.3	44.15	-6.130	74.00	29.85	PK	Horizo	PASS
2	4924.50	46.9	40.81	-6.130	54.00	13.19	AV	Horizo	PASS
3	7386.00	38.4	37.75	-0.610	54.00	16.25	AV	Horizo	PASS
4	7386.00	44.9	44.27	-0.610	74.00	29.73	PK	Horizo	PASS
5	9848.00	32.4	34.62	2.260	54.00	19.38	AV	Horizo	PASS
6	9848.00	42.5	44.74	2.260	74.00	29.26	PK	Horizo	PASS

Transmit at 2462MHz by 802.11b with Ant SISO

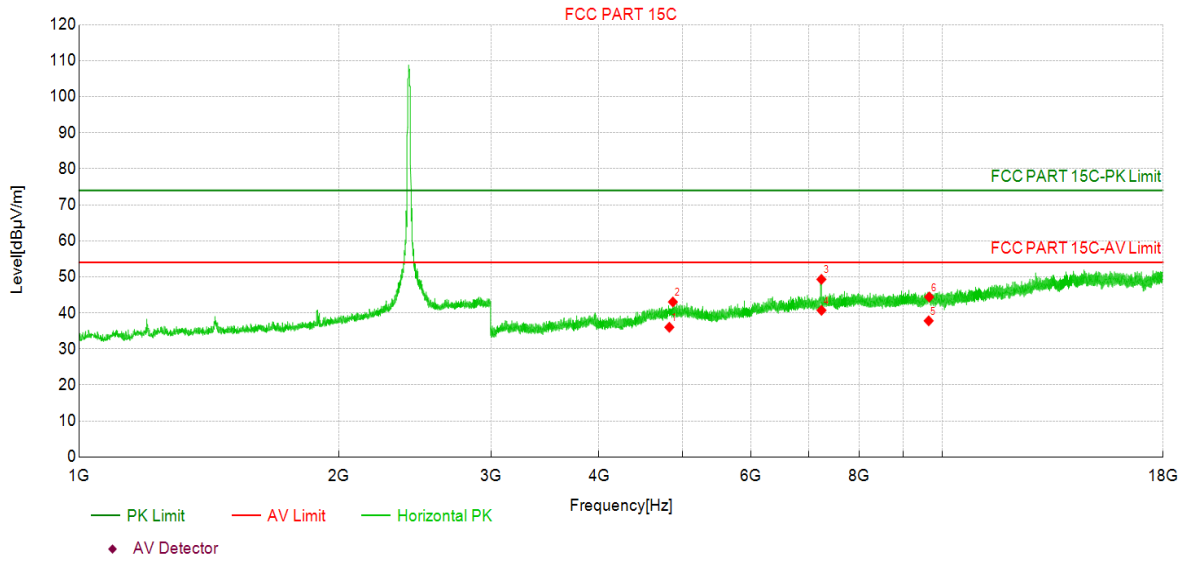
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	54.8	48.69	-6.130	74.00	25.31	PK	Vertic	PASS
2	4924.50	52.3	46.19	-6.130	54.00	7.81	AV	Vertic	PASS
3	7385.00	50.0	49.34	-0.620	74.00	24.66	PK	Vertic	PASS
4	7385.50	44.2	43.59	-0.620	54.00	10.41	AV	Vertic	PASS
5	9848.00	32.6	34.81	2.260	54.00	19.19	AV	Vertic	PASS
6	9848.00	41.1	43.34	2.260	74.00	30.66	PK	Vertic	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

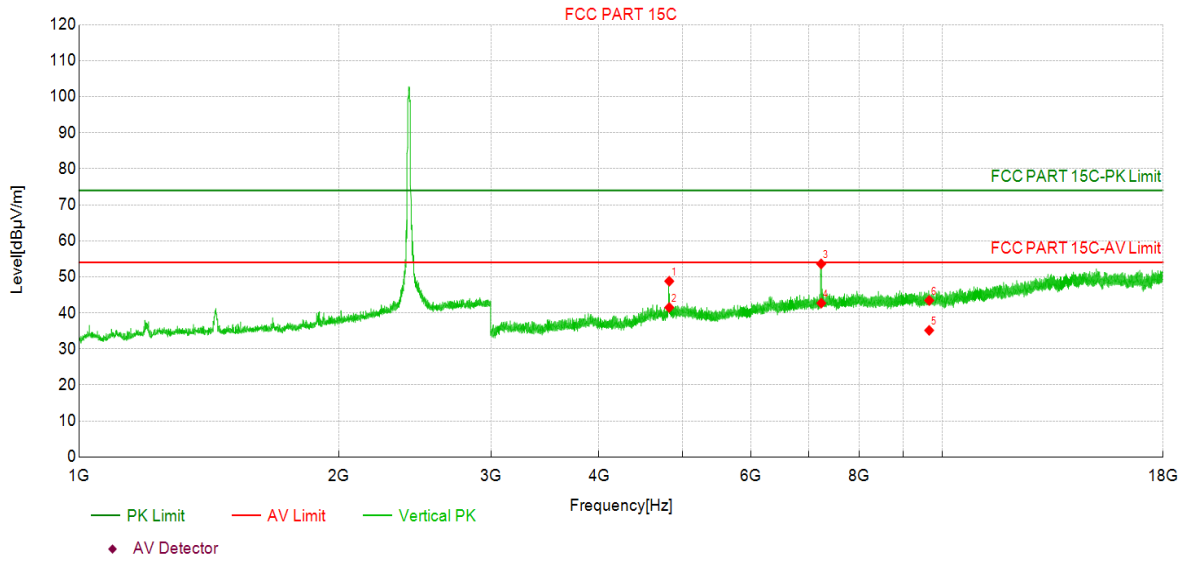
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.50	42.8	36.01	-6.780	54.00	17.99	AV	Horizo	PASS
2	4871.00	49.4	43.03	-6.380	74.00	30.97	PK	Horizo	PASS
3	7237.50	50.8	49.31	-1.510	74.00	24.69	PK	Horizo	PASS
4	7239.50	42.2	40.72	-1.500	54.00	13.28	AV	Horizo	PASS
5	9634.50	36.0	37.80	1.800	54.00	16.20	AV	Horizo	PASS
6	9648.00	42.6	44.41	1.800	74.00	29.59	PK	Horizo	PASS

Transmit at 2412MHz by 802.11g with Ant SISO

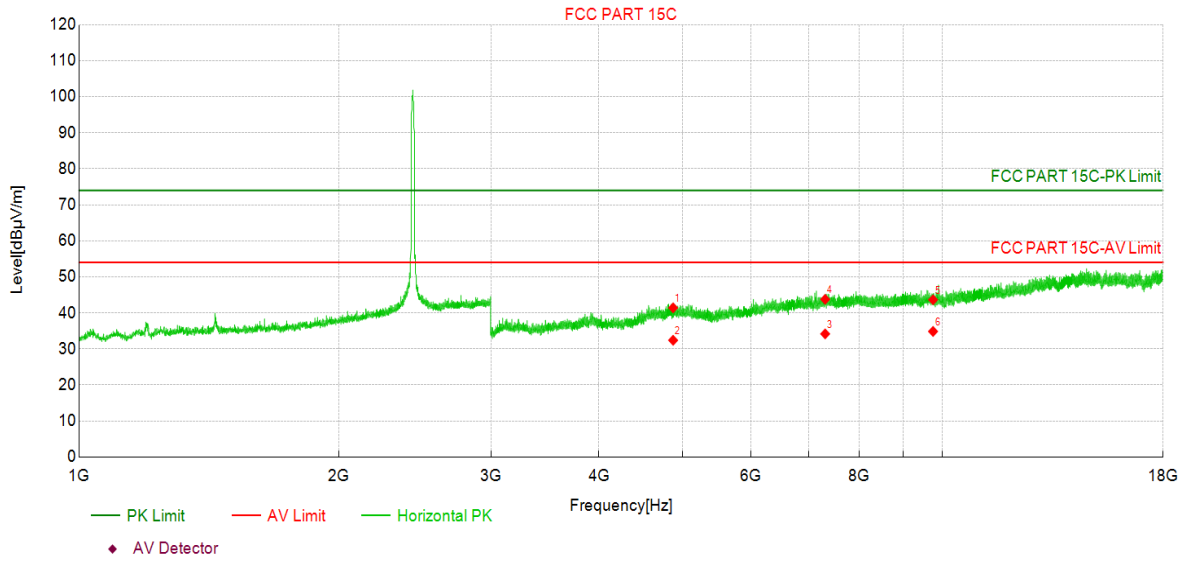
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	55.6	48.79	-6.790	74.00	25.21	PK	Vertic	PASS
2	4824.00	48.3	41.50	-6.790	54.00	12.50	AV	Vertic	PASS
3	7233.00	55.1	53.60	-1.530	74.00	20.40	PK	Vertic	PASS
4	7236.00	44.2	42.70	-1.520	54.00	11.30	AV	Vertic	PASS
5	9648.00	33.3	35.14	1.800	54.00	18.86	AV	Vertic	PASS
6	9648.00	41.6	43.44	1.800	74.00	30.56	PK	Vertic	PASS

Transmit at 2437MHz by 802.11g with Ant SISO

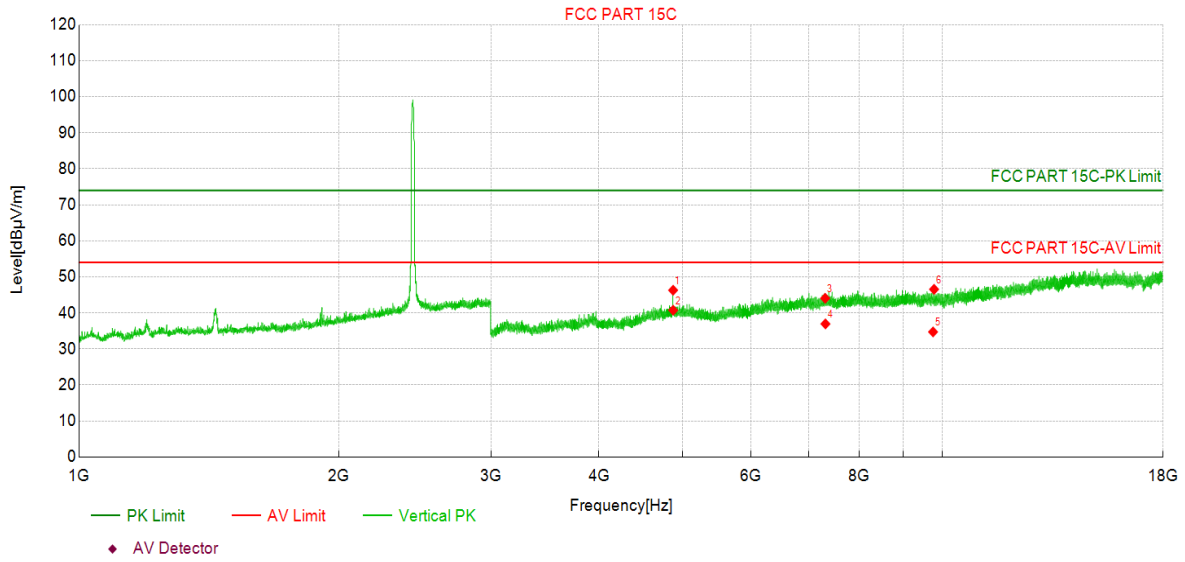
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	47.8	41.41	-6.350	74.00	32.59	PK	Horizo	PASS
2	4874.00	38.8	32.41	-6.350	54.00	21.59	AV	Horizo	PASS
3	7311.00	35.3	34.17	-1.110	54.00	19.83	AV	Horizo	PASS
4	7311.00	44.9	43.76	-1.110	74.00	30.24	PK	Horizo	PASS
5	9748.00	41.7	43.65	1.950	74.00	30.35	PK	Horizo	PASS
6	9748.00	32.9	34.85	1.950	54.00	19.15	AV	Horizo	PASS

Transmit at 2437MHz by 802.11g with Ant SISO

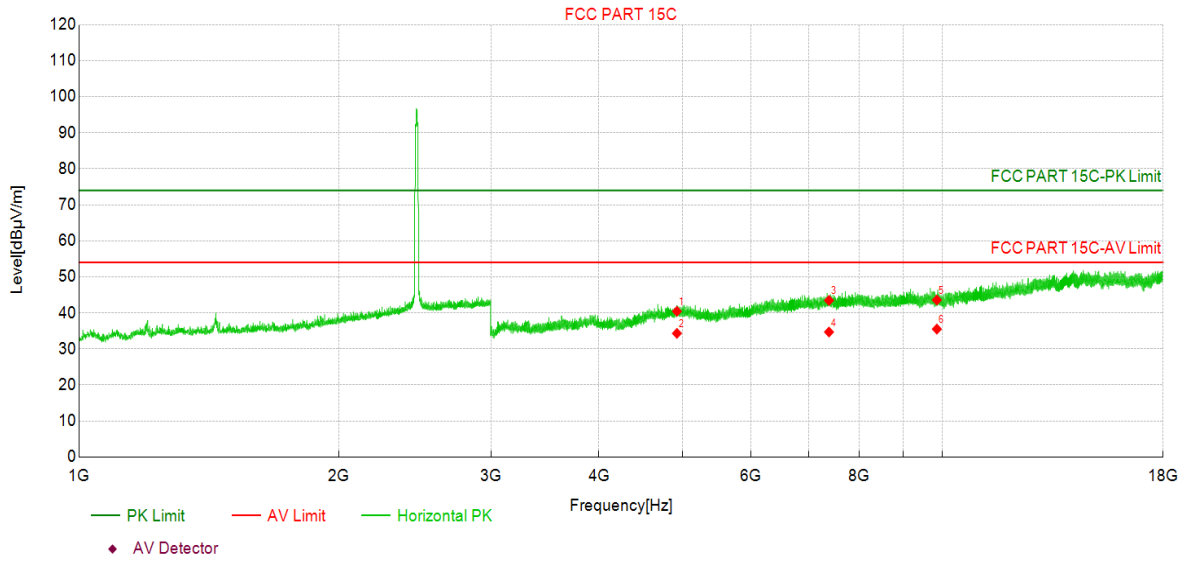
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	52.6	46.29	-6.350	74.00	27.71	PK	Vertic	PASS
2	4874.50	47.1	40.74	-6.340	54.00	13.26	AV	Vertic	PASS
3	7311.00	45.2	44.05	-1.110	74.00	29.95	PK	Vertic	PASS
4	7316.50	38.0	36.94	-1.060	54.00	17.06	AV	Vertic	PASS
5	9748.00	32.8	34.72	1.950	54.00	19.28	AV	Vertic	PASS
6	9774.00	44.5	46.54	2.040	74.00	27.46	PK	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

Test Graph

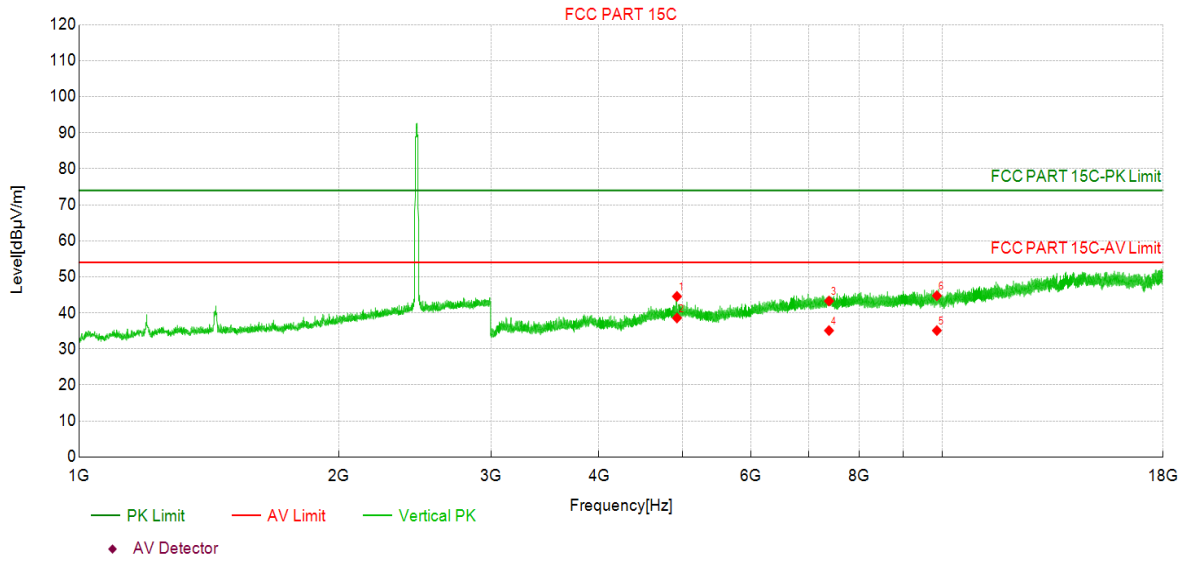


Data List

NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	46.6	40.45	-6.130	74.00	33.55	PK	Horizo	PASS
2	4924.00	40.5	34.32	-6.130	54.00	19.68	AV	Horizo	PASS
3	7386.00	44.1	43.46	-0.610	74.00	30.54	PK	Horizo	PASS
4	7386.00	35.3	34.70	-0.610	54.00	19.30	AV	Horizo	PASS
5	9848.00	41.3	43.58	2.260	74.00	30.42	PK	Horizo	PASS
6	9848.00	33.3	35.51	2.260	54.00	18.49	AV	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant SISO

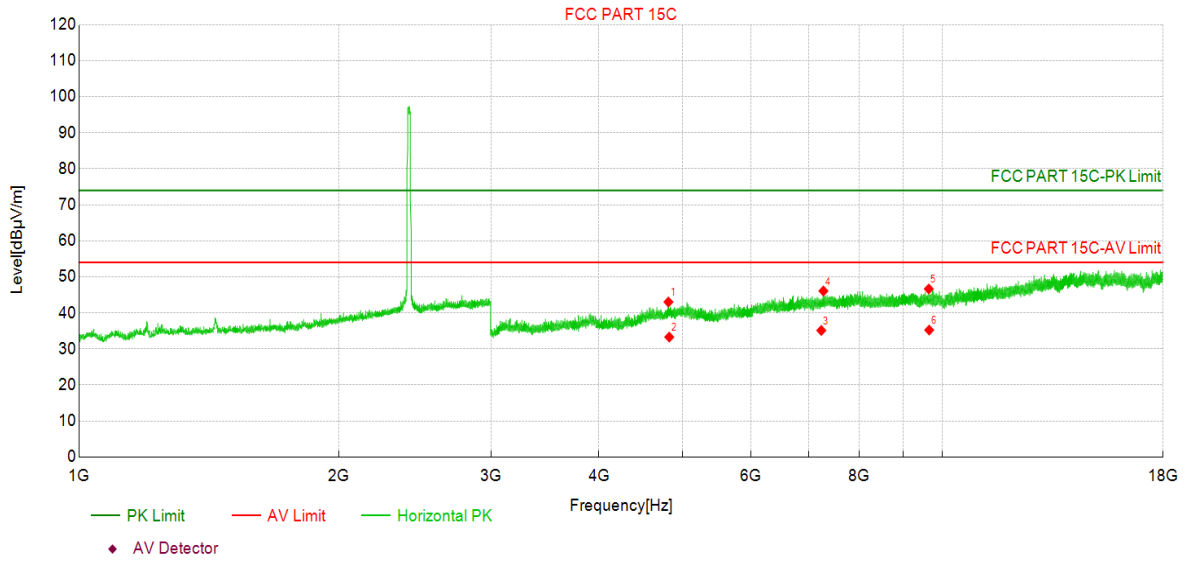
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	50.7	44.57	-6.130	74.00	29.43	PK	Vertic	PASS
2	4924.50	44.7	38.58	-6.130	54.00	15.42	AV	Vertic	PASS
3	7386.00	43.9	43.30	-0.610	74.00	30.70	PK	Vertic	PASS
4	7386.00	35.7	35.09	-0.610	54.00	18.91	AV	Vertic	PASS
5	9848.00	32.8	35.10	2.260	54.00	18.90	AV	Vertic	PASS
6	9848.00	42.5	44.77	2.260	74.00	29.23	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

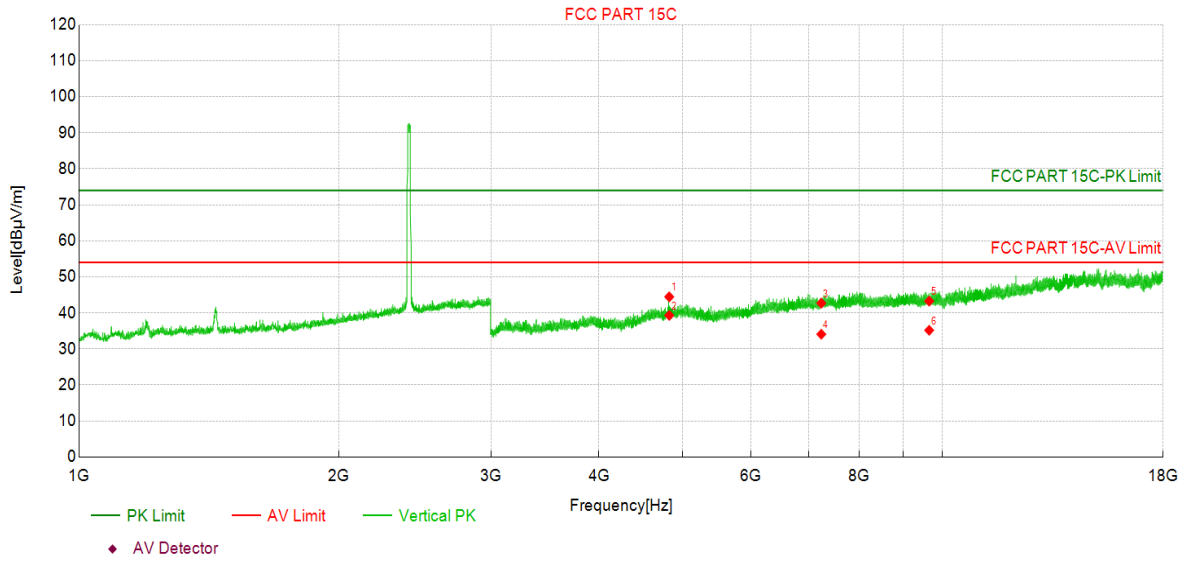
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4813.50	49.9	43.03	-6.860	74.00	30.97	PK	Horizo	PASS
2	4824.00	40.1	33.29	-6.790	54.00	20.71	AV	Horizo	PASS
3	7236.00	36.7	35.13	-1.520	54.00	18.87	AV	Horizo	PASS
4	7276.50	47.4	46.08	-1.320	74.00	27.92	PK	Horizo	PASS
5	9637.50	44.8	46.65	1.810	74.00	27.35	PK	Horizo	PASS
6	9648.00	33.4	35.24	1.800	54.00	18.76	AV	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant MIMO

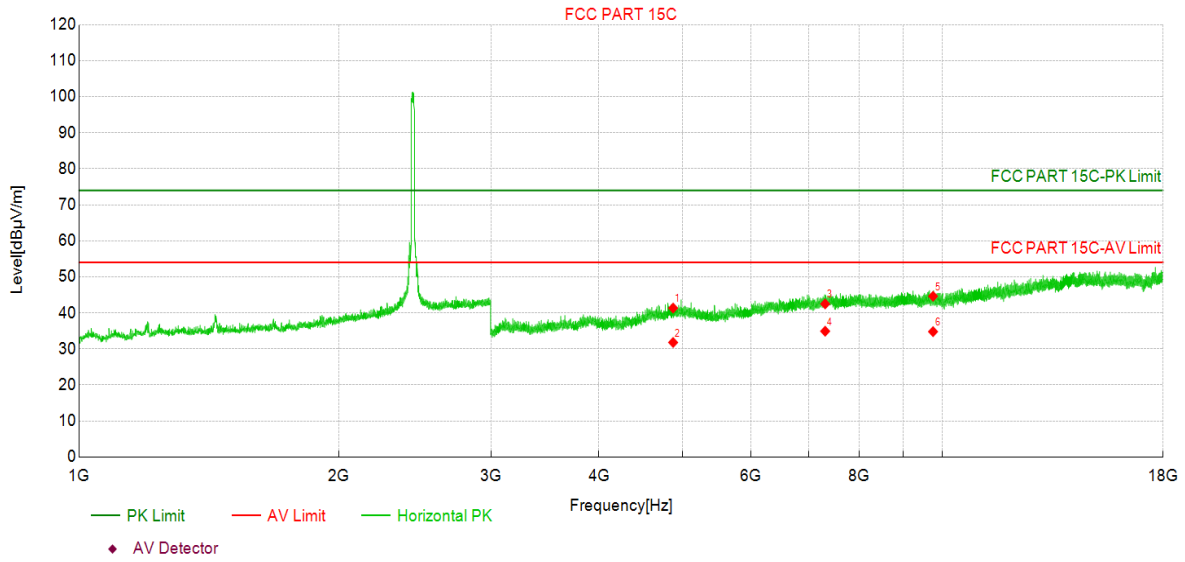
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	51.3	44.46	-6.790	74.00	29.54	PK	Vertic	PASS
2	4824.00	46.1	39.31	-6.790	54.00	14.69	AV	Vertic	PASS
3	7236.00	44.2	42.68	-1.520	74.00	31.32	PK	Vertic	PASS
4	7236.00	35.6	34.08	-1.520	54.00	19.92	AV	Vertic	PASS
5	9648.00	41.5	43.26	1.800	74.00	30.74	PK	Vertic	PASS
6	9648.00	33.4	35.18	1.800	54.00	18.82	AV	Vertic	PASS

Transmit at 2437MHz by 802.11n(20MHz) with Ant MIMO

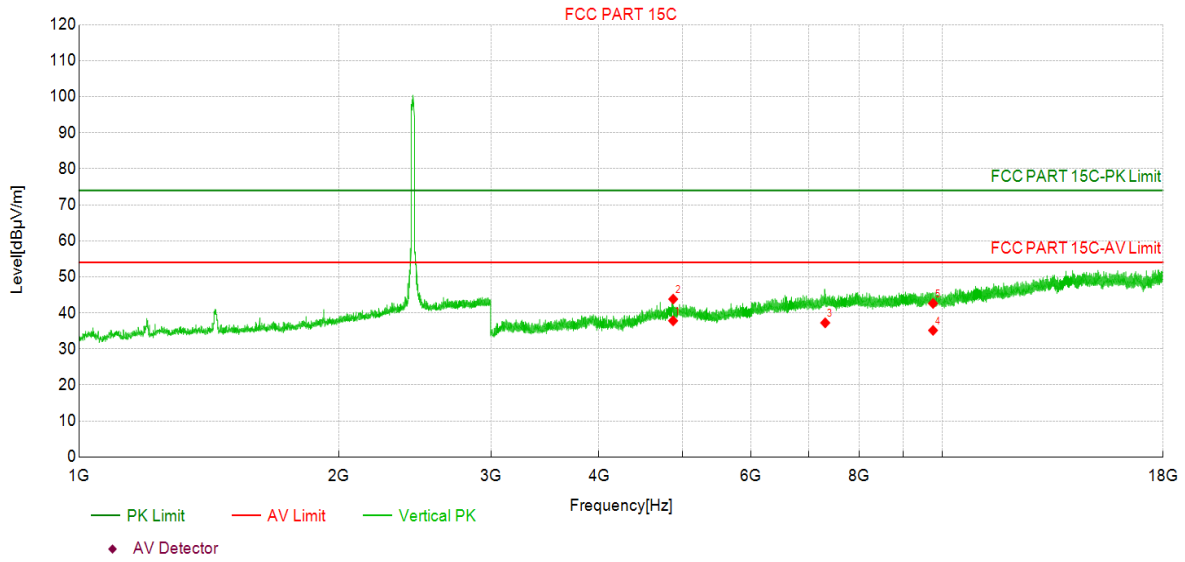
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	47.7	41.34	-6.350	74.00	32.66	PK	Horizo	PASS
2	4874.00	38.2	31.80	-6.350	54.00	22.20	AV	Horizo	PASS
3	7311.00	43.6	42.49	-1.110	74.00	31.51	PK	Horizo	PASS
4	7311.00	36.0	34.92	-1.110	54.00	19.08	AV	Horizo	PASS
5	9748.00	42.7	44.61	1.950	74.00	29.39	PK	Horizo	PASS
6	9748.00	32.9	34.80	1.950	54.00	19.20	AV	Horizo	PASS

Transmit at 2437MHz by 802.11n(20MHz) with Ant MIMO

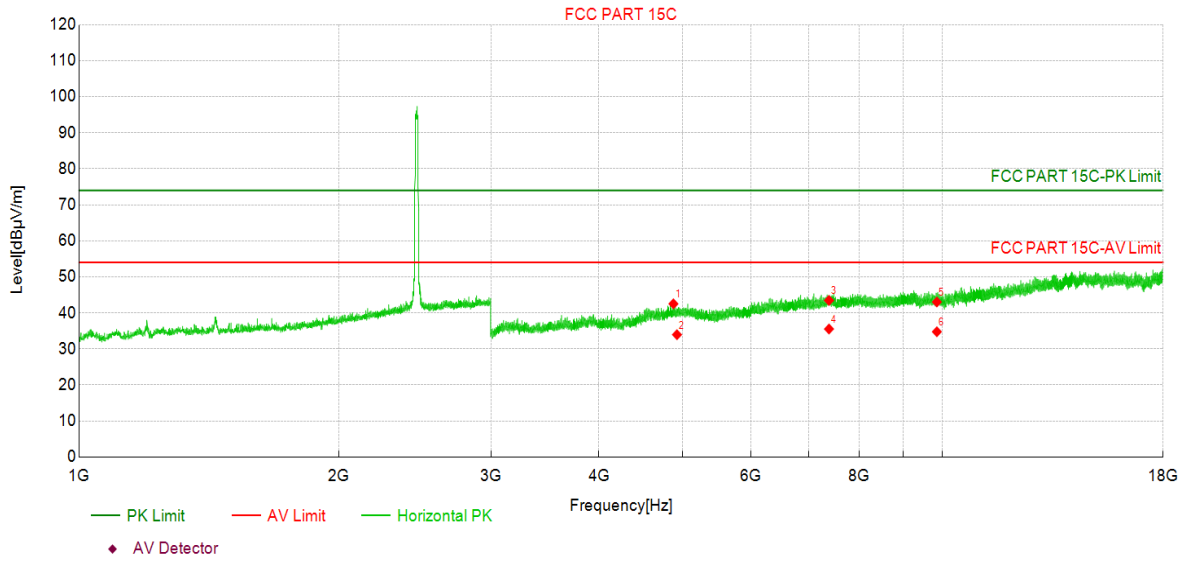
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	44.2	37.81	-6.350	54.00	16.19	AV	Vertic	PASS
2	4875.00	50.2	43.83	-6.340	74.00	30.17	PK	Vertic	PASS
3	7312.00	38.4	37.24	-1.110	54.00	16.76	AV	Vertic	PASS
4	9748.00	33.2	35.14	1.950	54.00	18.86	AV	Vertic	PASS
5	9748.00	40.7	42.63	1.950	74.00	31.37	PK	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

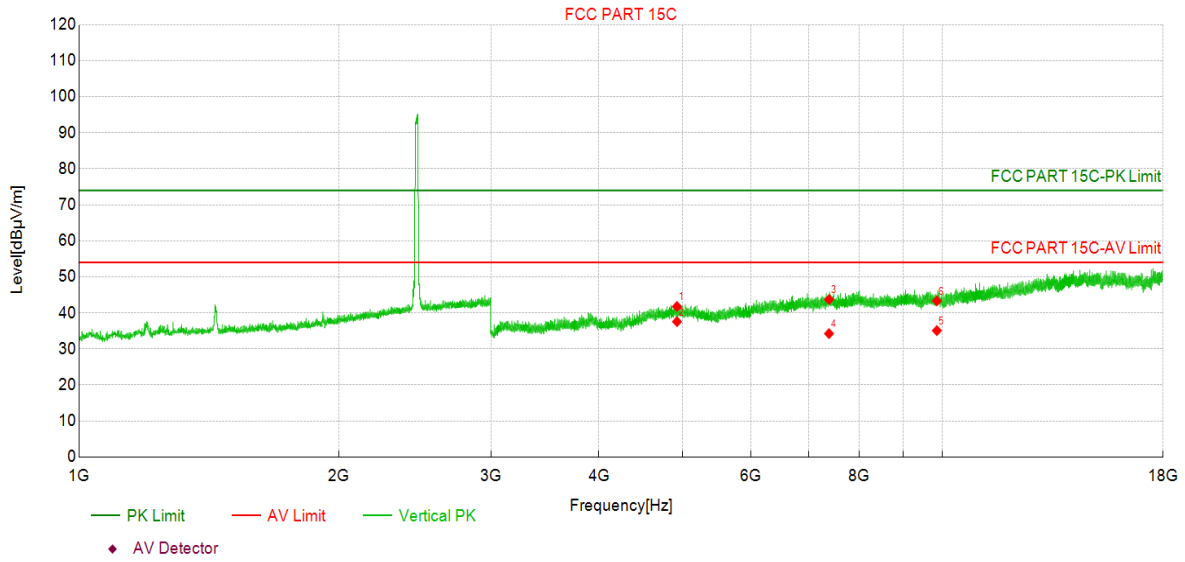
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4878.00	48.8	42.51	-6.310	74.00	31.49	PK	Horizo	PASS
2	4924.50	40.1	33.95	-6.130	54.00	20.05	AV	Horizo	PASS
3	7386.00	44.1	43.46	-0.610	74.00	30.54	PK	Horizo	PASS
4	7386.00	36.1	35.53	-0.610	54.00	18.47	AV	Horizo	PASS
5	9848.00	40.8	43.02	2.260	74.00	30.98	PK	Horizo	PASS
6	9848.00	32.5	34.76	2.260	54.00	19.24	AV	Horizo	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant MIMO

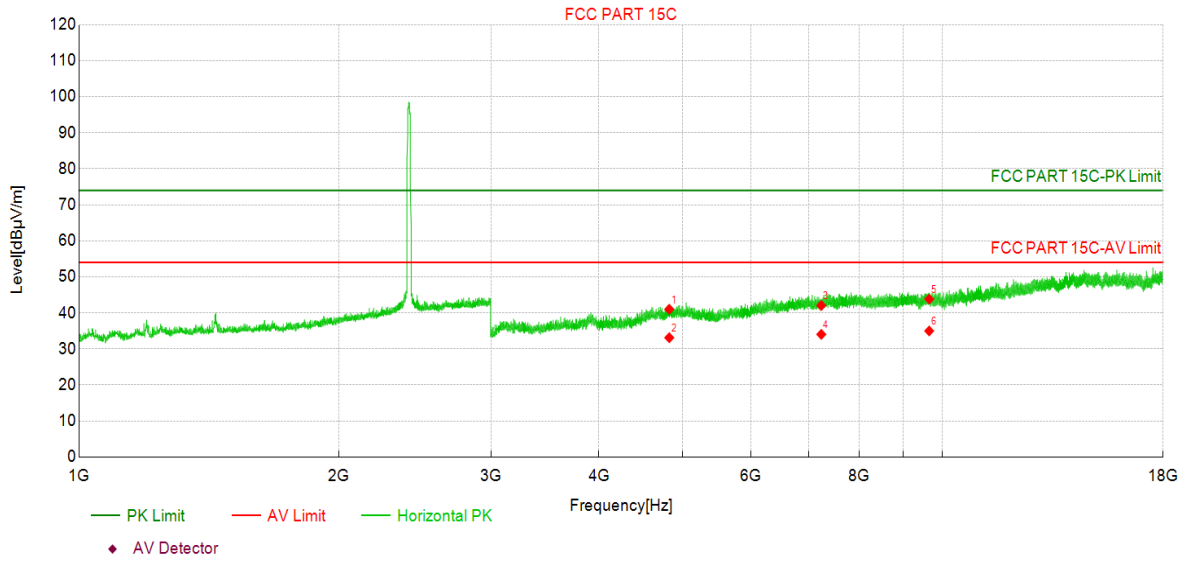
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	47.9	41.77	-6.130	74.00	32.23	PK	Vertic	PASS
2	4924.50	43.7	37.57	-6.130	54.00	16.43	AV	Vertic	PASS
3	7386.00	44.3	43.72	-0.610	74.00	30.28	PK	Vertic	PASS
4	7386.00	34.9	34.25	-0.610	54.00	19.75	AV	Vertic	PASS
5	9848.00	32.8	35.08	2.260	54.00	18.92	AV	Vertic	PASS
6	9848.00	41.1	43.33	2.260	74.00	30.67	PK	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

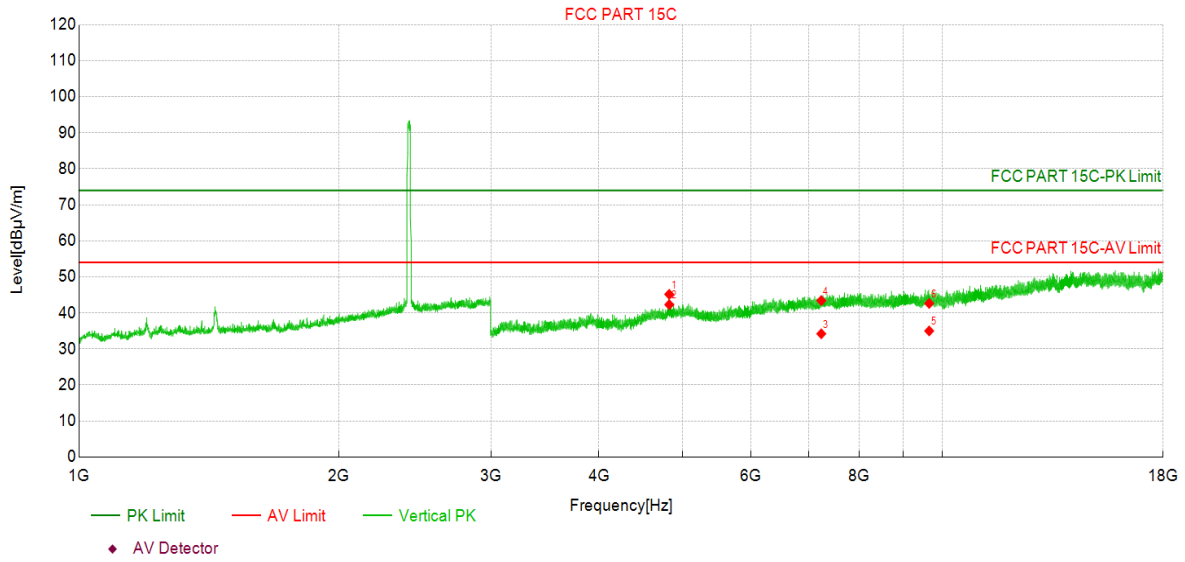
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	47.8	41.01	-6.790	74.00	32.99	PK	Horizo	PASS
2	4824.00	39.9	33.11	-6.790	54.00	20.89	AV	Horizo	PASS
3	7236.00	43.6	42.05	-1.520	74.00	31.95	PK	Horizo	PASS
4	7236.00	35.6	34.04	-1.520	54.00	19.96	AV	Horizo	PASS
5	9648.00	42.0	43.83	1.800	74.00	30.17	PK	Horizo	PASS
6	9648.00	33.2	34.99	1.800	54.00	19.01	AV	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant MIMO

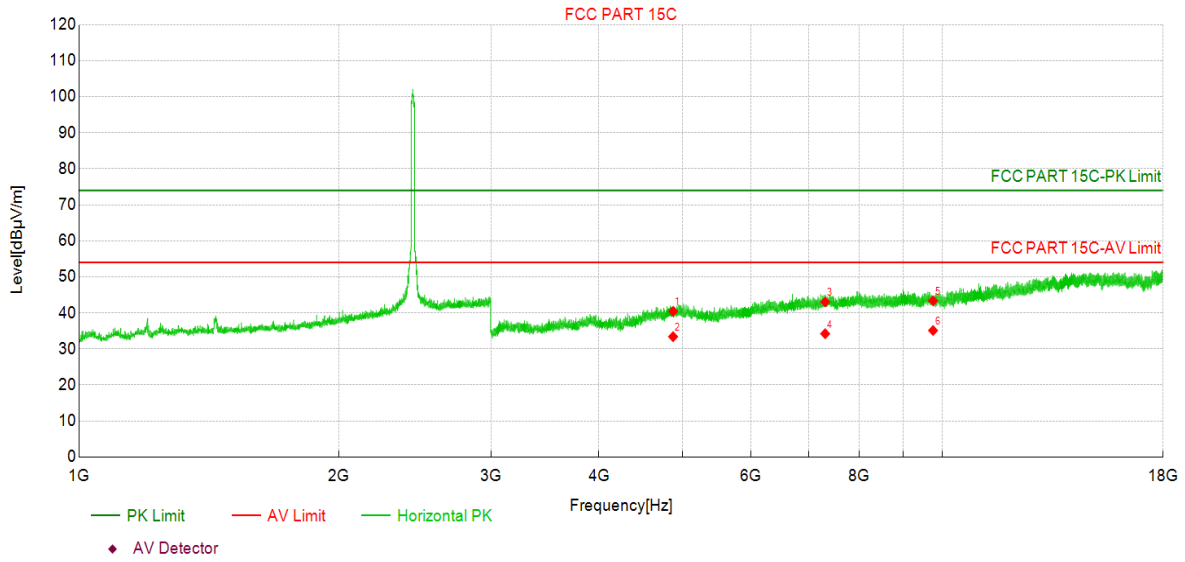
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4824.00	51.9	45.15	-6.790	74.00	28.85	PK	Vertic	PASS
2	4824.50	49.1	42.29	-6.780	54.00	11.71	AV	Vertic	PASS
3	7236.00	35.7	34.20	-1.520	54.00	19.80	AV	Vertic	PASS
4	7236.00	44.9	43.41	-1.520	74.00	30.59	PK	Vertic	PASS
5	9648.00	33.2	35.00	1.800	54.00	19.00	AV	Vertic	PASS
6	9648.00	40.8	42.62	1.800	74.00	31.38	PK	Vertic	PASS

Transmit at 2437MHz by 802.11ax(20MHz) with Ant MIMO

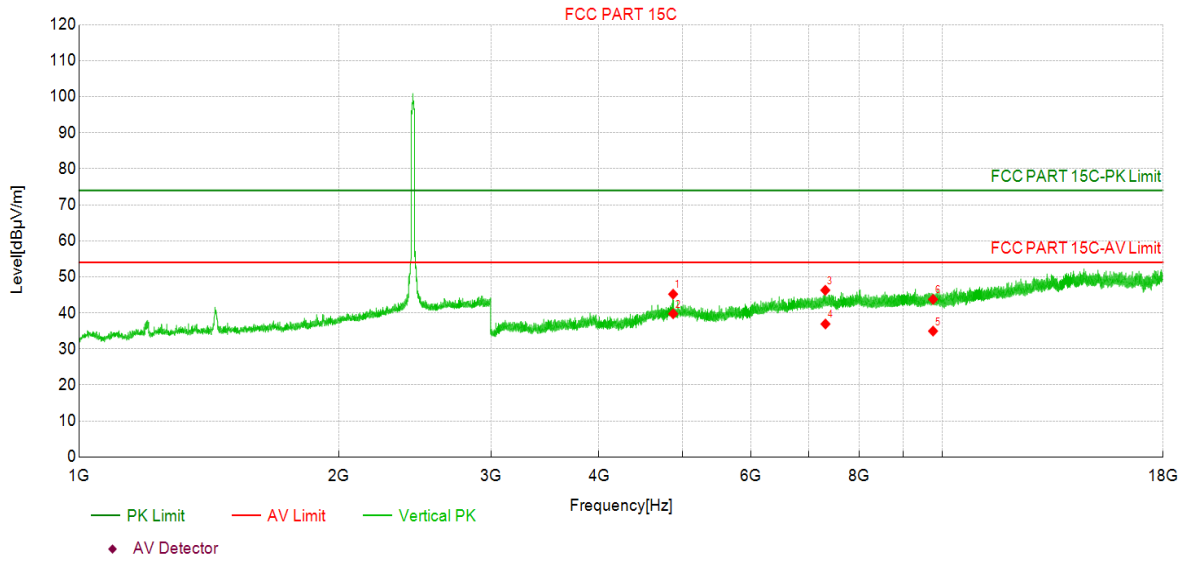
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	46.8	40.43	-6.350	74.00	33.57	PK	Horizo	PASS
2	4874.00	39.8	33.40	-6.350	54.00	20.60	AV	Horizo	PASS
3	7311.00	44.1	43.03	-1.110	74.00	30.97	PK	Horizo	PASS
4	7311.00	35.3	34.22	-1.110	54.00	19.78	AV	Horizo	PASS
5	9748.00	41.4	43.36	1.950	74.00	30.64	PK	Horizo	PASS
6	9748.00	33.2	35.11	1.950	54.00	18.89	AV	Horizo	PASS

Transmit at 2437MHz by 802.11ax(20MHz) with Ant MIMO

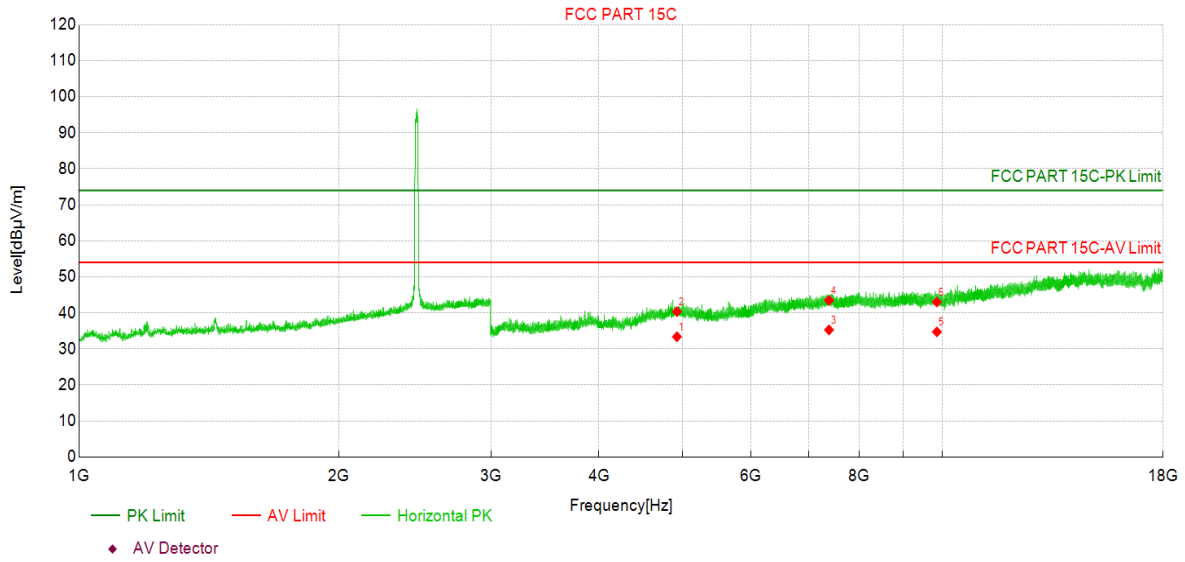
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4874.00	51.6	45.20	-6.350	74.00	28.80	PK	Vertic	PASS
2	4874.50	46.1	39.76	-6.340	54.00	14.24	AV	Vertic	PASS
3	7314.00	47.4	46.29	-1.090	74.00	27.71	PK	Vertic	PASS
4	7316.50	38.0	36.92	-1.060	54.00	17.08	AV	Vertic	PASS
5	9748.00	33.0	34.95	1.950	54.00	19.05	AV	Vertic	PASS
6	9748.00	41.8	43.75	1.950	74.00	30.25	PK	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

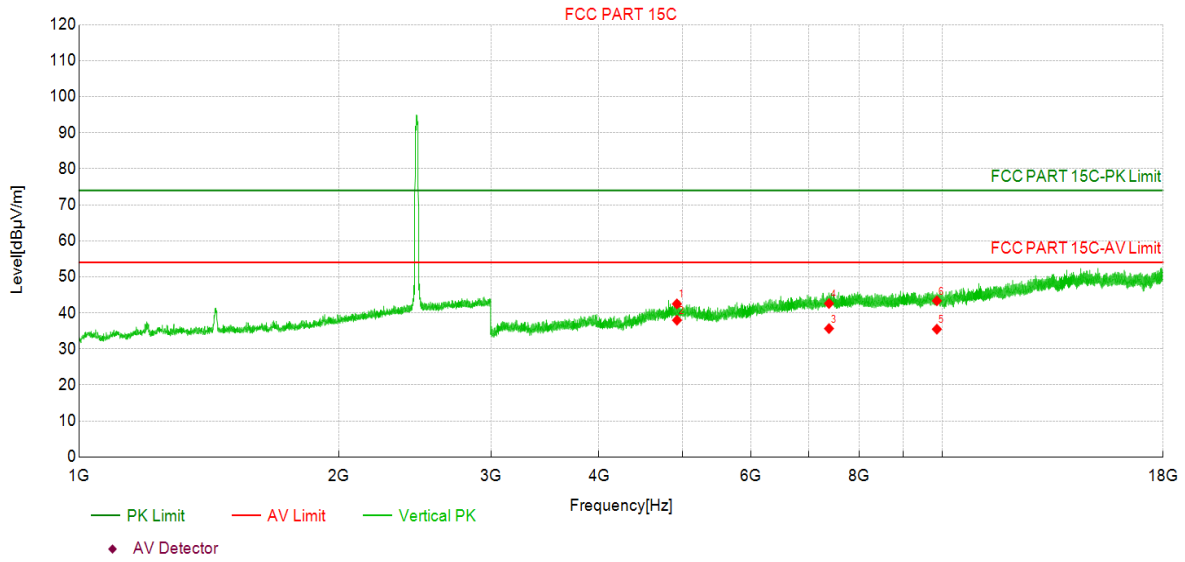
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	39.5	33.38	-6.130	54.00	20.62	AV	Horizo	PASS
2	4924.00	46.5	40.36	-6.130	74.00	33.64	PK	Horizo	PASS
3	7386.00	35.9	35.28	-0.610	54.00	18.72	AV	Horizo	PASS
4	7386.00	44.1	43.49	-0.610	74.00	30.51	PK	Horizo	PASS
5	9848.00	32.5	34.73	2.260	54.00	19.27	AV	Horizo	PASS
6	9848.00	40.8	43.02	2.260	74.00	30.98	PK	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant MIMO

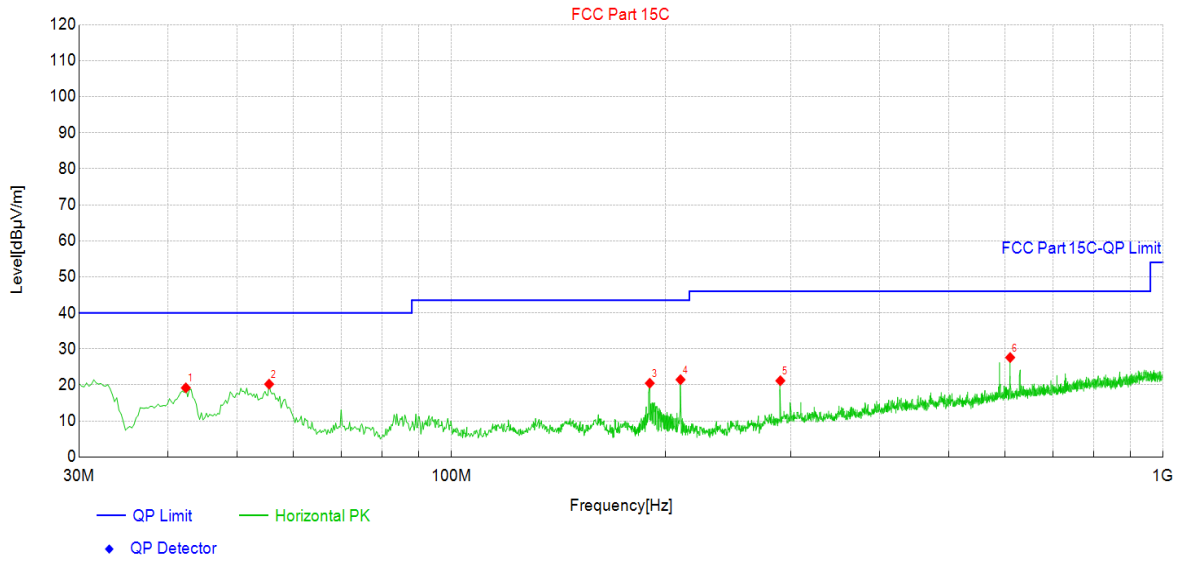
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4924.00	48.6	42.49	-6.130	74.00	31.51	PK	Vertic	PASS
2	4924.50	44.1	37.98	-6.130	54.00	16.02	AV	Vertic	PASS
3	7386.00	36.3	35.65	-0.610	54.00	18.35	AV	Vertic	PASS
4	7386.00	43.2	42.60	-0.610	74.00	31.40	PK	Vertic	PASS
5	9848.00	33.2	35.48	2.260	54.00	18.52	AV	Vertic	PASS
6	9848.00	41.1	43.35	2.260	74.00	30.65	PK	Vertic	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

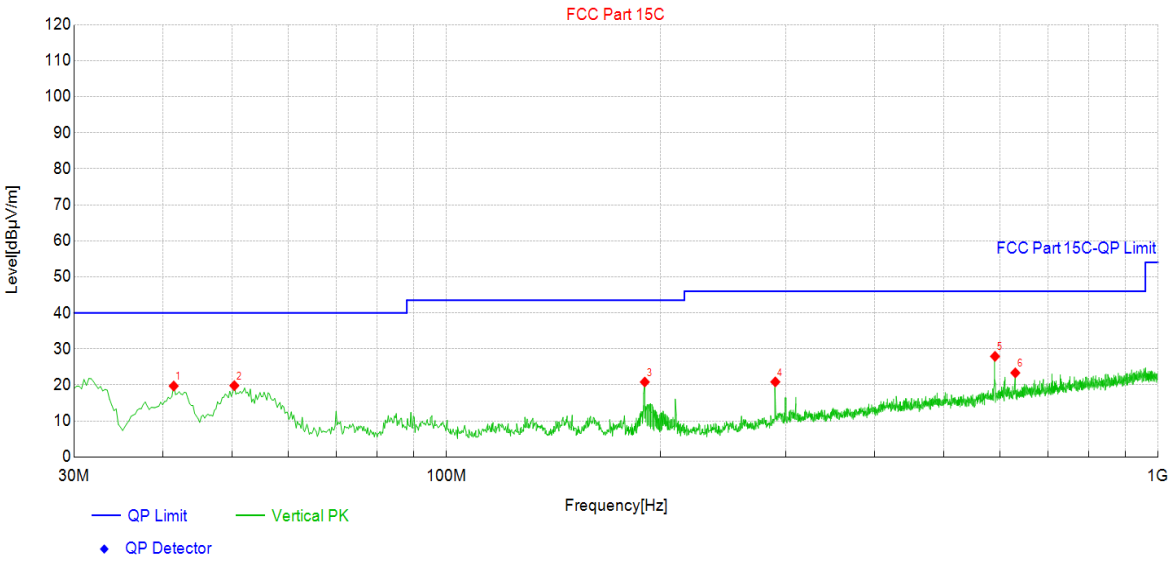
Test Graph



Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	42.37	37.8	19.19	-18.580	40.00	20.81	PK	Horizo	PASS
2	55.46	38.8	20.23	-18.600	40.00	19.77	PK	Horizo	PASS
3	190.05	40.6	20.49	-20.150	43.50	23.01	PK	Horizo	PASS
4	209.94	42.0	21.47	-20.490	43.50	22.03	PK	Horizo	PASS
5	289.96	38.4	21.18	-17.230	46.00	24.82	PK	Horizo	PASS
6	609.82	36.7	27.62	-9.080	46.00	18.38	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant SISO

Test Graph

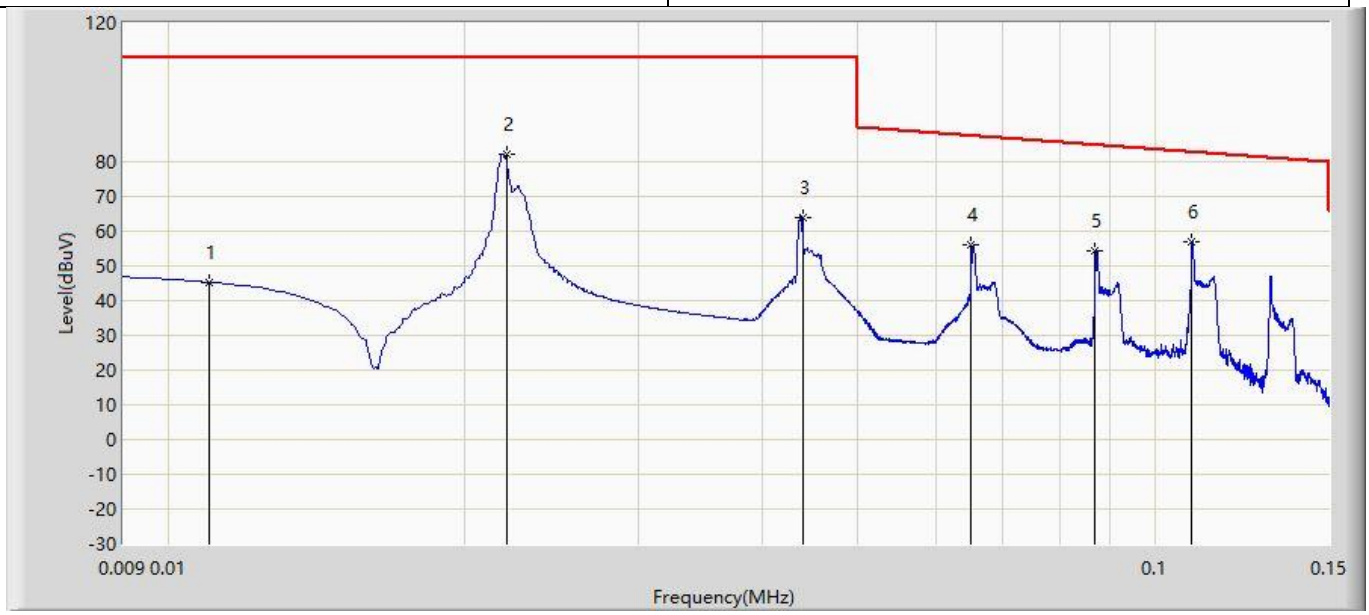


Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	41.40	38.3	19.71	-18.560	40.00	20.29	PK	Vertic	PASS
2	50.37	38.3	19.82	-18.450	40.00	20.18	PK	Vertic	PASS
3	190.05	41.0	20.82	-20.150	43.50	22.68	PK	Vertic	PASS
4	289.96	38.1	20.85	-17.230	46.00	25.15	PK	Vertic	PASS
5	590.18	37.6	27.94	-9.640	46.00	18.06	PK	Vertic	PASS
6	630.19	32.1	23.36	-8.750	46.00	22.64	PK	Vertic	PASS

Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)
Note: In the report, for the sections below 1G and 18~40G, verification tests were only performed on the worst channel in the worst mode of the 1~18G range.
Note: All test data above 18GHz are noise base, so no data shown in this report.

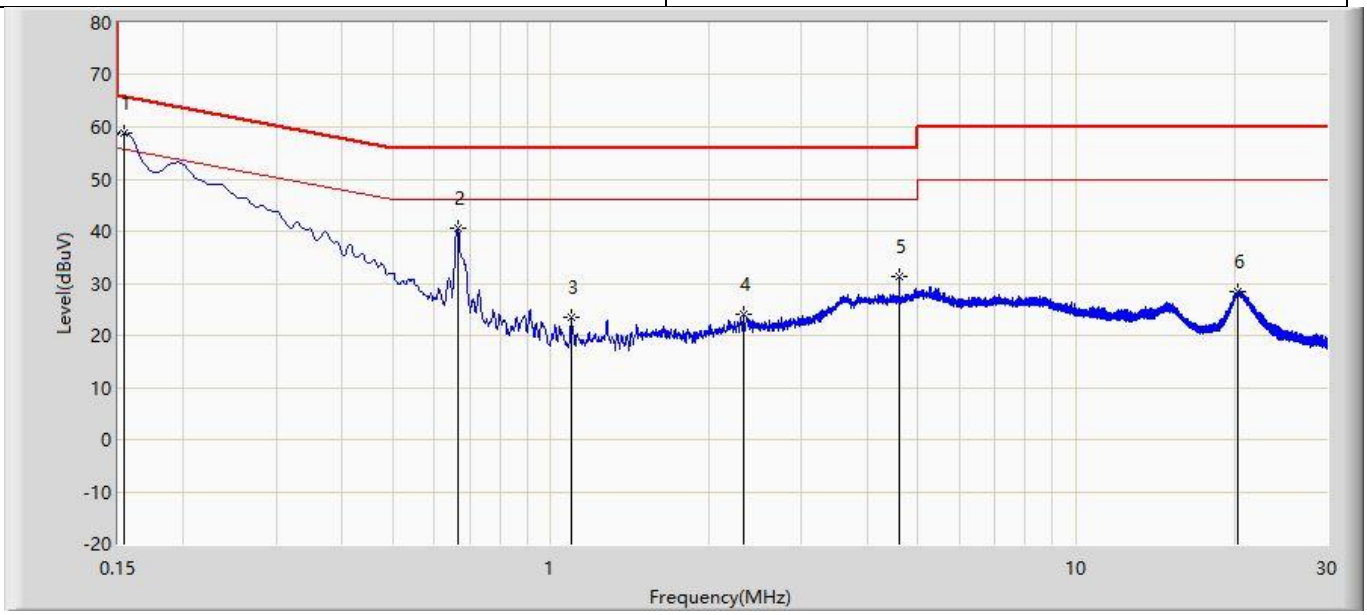
AC Power Line Conducted Emission

Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
Note: Transmit at 2412MHz by 802.11b	Power: AC 120V/60Hz



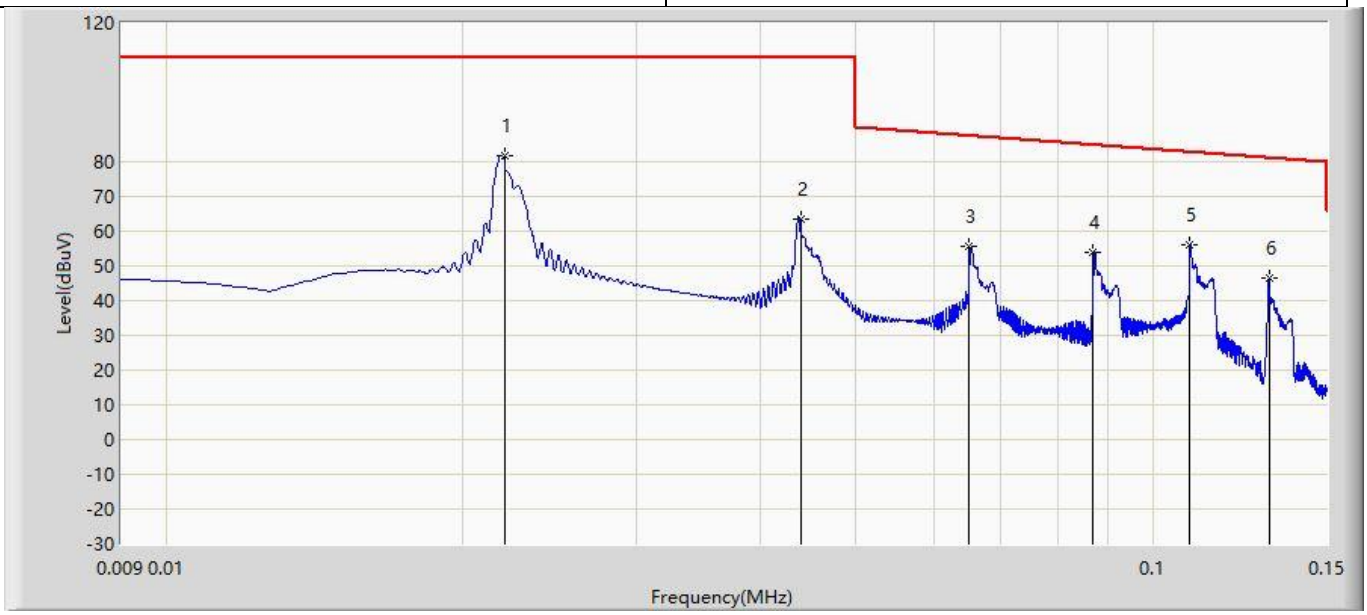
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.011	45.290	34.962	-64.710	110.000	10.328	QP
2		0.022	82.138	72.040	-27.862	110.000	10.098	QP
3		0.044	64.032	54.295	-45.968	110.000	9.737	QP
4		0.065	56.182	46.468	-31.429	87.612	9.714	QP
5		0.087	54.439	44.740	-30.520	84.958	9.699	QP
6	*	0.109	56.937	47.250	-25.969	82.906	9.687	QP

Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
Note: Transmit at 2412MHz by 802.11b	Power: AC 120V/60Hz



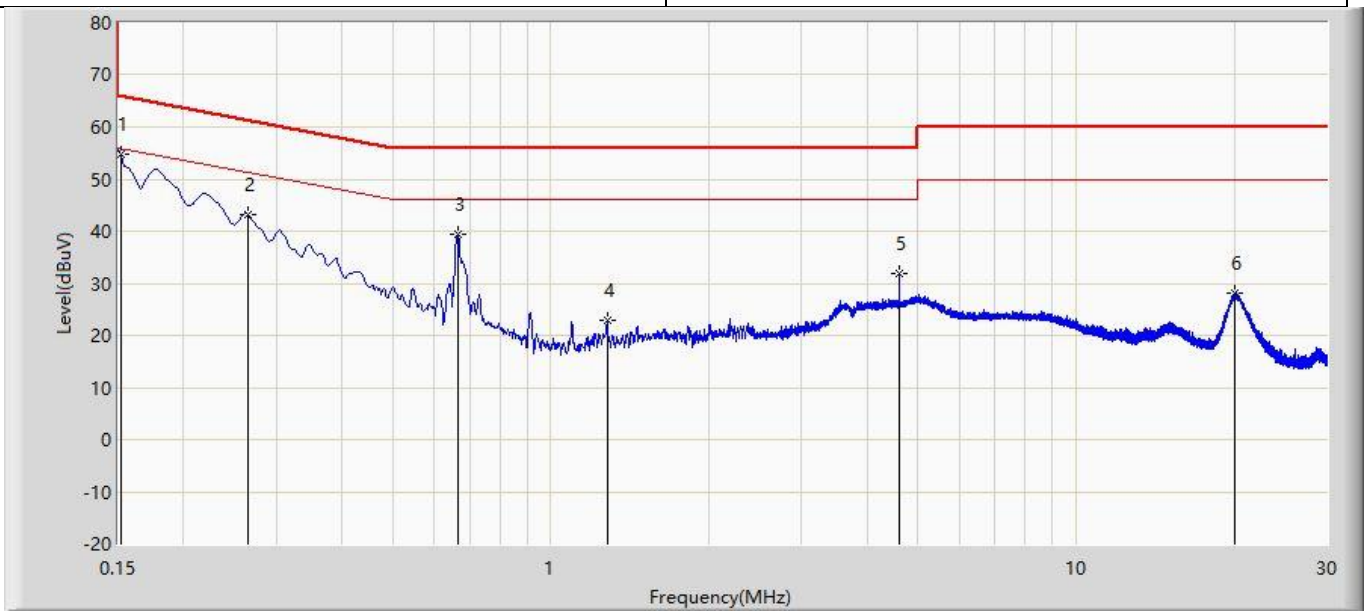
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.154	58.830	49.160	-6.952	65.781	9.670	QP
2		0.665	40.467	30.799	-15.533	56.000	9.668	QP
3		1.095	23.347	13.641	-32.653	56.000	9.706	QP
4		2.323	24.101	14.326	-31.899	56.000	9.775	QP
5		4.605	31.216	21.409	-24.784	56.000	9.807	QP
6		20.306	28.495	17.988	-31.505	60.000	10.507	QP

Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
Note: Transmit at 2412MHz by 802.11b	Power: AC 120V/60Hz



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.022	81.744	71.621	-28.256	110.000	10.123	QP
2		0.044	63.487	53.746	-46.513	110.000	9.741	QP
3		0.065	55.610	45.903	-32.001	87.612	9.707	QP
4		0.087	53.781	44.109	-31.178	84.958	9.672	QP
5	*	0.109	56.301	46.640	-26.605	82.906	9.661	QP
6		0.131	46.328	36.647	-34.905	81.233	9.681	QP

Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
Note: Transmit at 2412MHz by 802.11b	Power: AC 120V/60Hz



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.152	54.907	45.219	-10.983	65.890	9.689	QP
2		0.265	43.233	33.601	-18.040	61.273	9.633	QP
3		0.665	39.405	29.765	-16.595	56.000	9.640	QP
4		1.282	22.850	13.166	-33.150	56.000	9.684	QP
5		4.605	31.877	22.088	-24.123	56.000	9.789	QP
6		20.022	28.040	17.658	-31.960	60.000	10.382	QP

Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

The End