

Test report No:
2640203R.712

FCC TEST REPORT

Product	Notebook PC
Model and /or type reference	S5652M / K5652M / V5652M
Trademark	ASUS
FCC ID	TX2-RTL8852B
Applicant's name / address	Realtek Semiconductor Corp. No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
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	2026-07-01
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.

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

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GENERAL CONDITIONS

Test Location	No. 8213, Fanhua Avenue, Baohe District, Hefei City, Anhui Province, China
Test Facility	A2LA (Certificate No. 6579.01) CNAS (Certificate No. L21125) FCC - Designation Number: CN1231 Test Firm Registration Number: 690292 ISED - CAB identifier: CN0175 IC#: 32222
Date (receive sample)	Apr. 05, 2026
Date (start test)	Apr. 10, 2026
Date (finish test)	May. 06, 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.
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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
2640203R.712	V1.0	Initial issue of report.	2026-07-01

TEST SUMMARY

Requirement – Test Item	Standard(s)	Verdict	Remark
DTS Bandwidth	FCC 15.247(a)(2)	Pass	See Remark¹⁾
Maximum conducted output power	15.247 (b)(3)	Pass	Test data please refer to Appendix
Maximum power spectral density	FCC 15.247(e)	Pass	See Remark¹⁾
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	Pass	See Remark¹⁾
Duty cycle	ANSI C63.10	Pass	See Remark¹⁾
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: The product host is based on the module RTL8852B (FCC ID: TX2-RTL8852B), only Maximum conducted output power and TBand edge and Emissions in Restricted Bands and AC Power Line Conducted Emission has been fully tested. For other test items, please refer to BT module report RFBBUI-WTW-P22031043-3_R00.			

USED EQUIPMENT

Conducted Test

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Wideband Radio Communication Tester	R&S	CMW 500	163864	2025.04.23	2026.04.22
Wideband Radio Communication Tester	R&S	CMW 500	163864	2026.05.08	2027.05.07
Signal Generator	R&S	SMR 20	100654	2025.05.22	2026.05.21
Signal Generator	R&S	SMR 20	100654	2026.05.08	2027.05.07
MAX Signal Analyzer	Keysight	N9010A	MY55370495	2025.09.14	2026.09.13
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.06.16	2026.06.16
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2025.06.12	2026.06.11
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2025.06.12	2026.06.11
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A

Radiated Emission Band Edge (1~40G)

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	2025.08.08	2026.08.07
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	2025.08.25	2026.08.24
Test Software	Tonscend	J536	JS36-RSE	N/A	N/A

Radiated Emission (9K~1G)

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	2025.05.21	2026.05.20
Bilog Antenna	TESEQ	CBL6112D	57867	2026.05.11	2027.05.10
Loop Antenna	R&S	HFH2-Z2E	101181	2025.10.24	2026.10.23
EMI test receiver	R&S	ESR7	102753	2025.05.19	2026.05.18
Temperature/Humidity Meter	RTS-8S	RTS-8S	13	2025.08.29	2026.08.28
Temperature/Humidity Meter	RTS-8S	RTS-8S	15	2025.08.25	2026.08.24
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	2025.05.10	2026.05.09
EMI test receiver	R&S	ESR3	103140	2025.05.10	2026.05.09
V-LISN	R&S	ENV4200	100748	2025.05.10	2026.05.09
cable	R&S	N/A	213	2025.05.10	2026.05.09
Dekra test software	Dekra	N/A	N/A	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	Notebook PC
Trademark	ASUS
Model Name	S5652M / K5652M / V5652M
FCC ID.....	TX2-RTL8852B
Hardware Version.....	V1
Software Version	S5652MA305
Model difference	Exclusively for marketing purposes.
Power Supply	AC: 230 Vac
Manufacturer	ASUSTK COMPUTER INC.
Manufacturer address	1F. No.15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Factory.....	Nanchang Huaqin Electronic Technology Co., Ltd.
Factory address.....	No.2999, Tianxiang Avenue, High-tech Development Zone, Nanchang City
Wireless Module	RTL8852B
Wireless specification	Bluetooth
Operating frequency range(s)	2402~2480MHz
Type of modulation	GFSK
Number of channels	40
Data Rate	LE1M 1Mbit/s, LE2M 2Mbit/s
Note: 1, Because of the module has been certified, so for the output power we only evaluated the normal environment conditions. 2, 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.	

Antenna Information:

Antenna Port	Antenna Manufacturer	Antenna Type	2400-2483.5 MHz	5150-5250 MHz	5250-5350 MHz	5470-5725 MHz	5725-5850 MHz	5850-5895 MHz
MAIN	INPAQ (WA-P-LELE-04-104)	PIFA	1.28	2.32	0.96	1.87	1.05	1.55
AUX			1.85	1.50	2.11	2.15	1.55	2.15
MAIN	AWAN (AYP6Y-200155)	PIFA	2.00	2.37	2.67	1.94	2.67	2.55
AUX			1.86	2.03	2.11	2.87	2.39	2.44

Note: The report gain usage details are as follows:

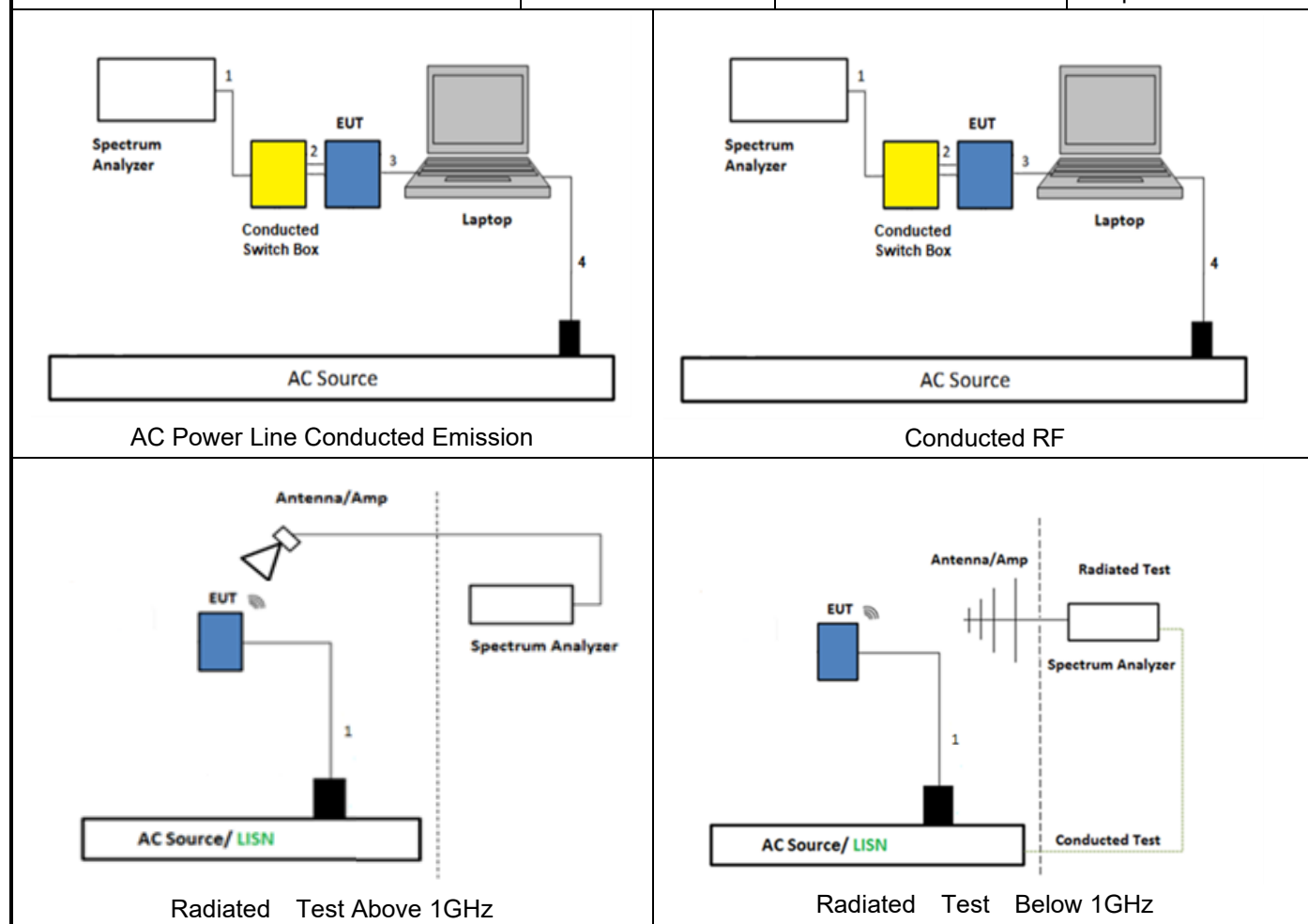
1. Output Power test: The maximum equivalent isotropic radiated power (EIRP) is calculated separately for the two antennas.
2. Radiated spurious emission test: Each antenna was tested separately, and only the worst data was included in the report.
3. OFDMA: The product supports OFDMA Full RU and Partial RU for 802.11ax devices. The worst-case mode of the module occurs in Full RU, so verifying using only the full resource unit (Full RU) is sufficient to demonstrate the compliance of 802.11ax OFDMA.

Power setting in test

Bluetooth	Mode	Channel	Frequency (MHz)	Power Setting
	BLE 1M	0	2402	0×5B
		19	2442	0×5B
		39	2480	0×5B
	BLE 2M	1	2404	0×5B
		19	2440	0×5B
		38	2478	0×5B

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Vivobook	ASUS	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
AX Series MP Toolkit	1.0.76	REALTEK	Adapter



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	2019	Test procedures for measuring Digital Transmission System.

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

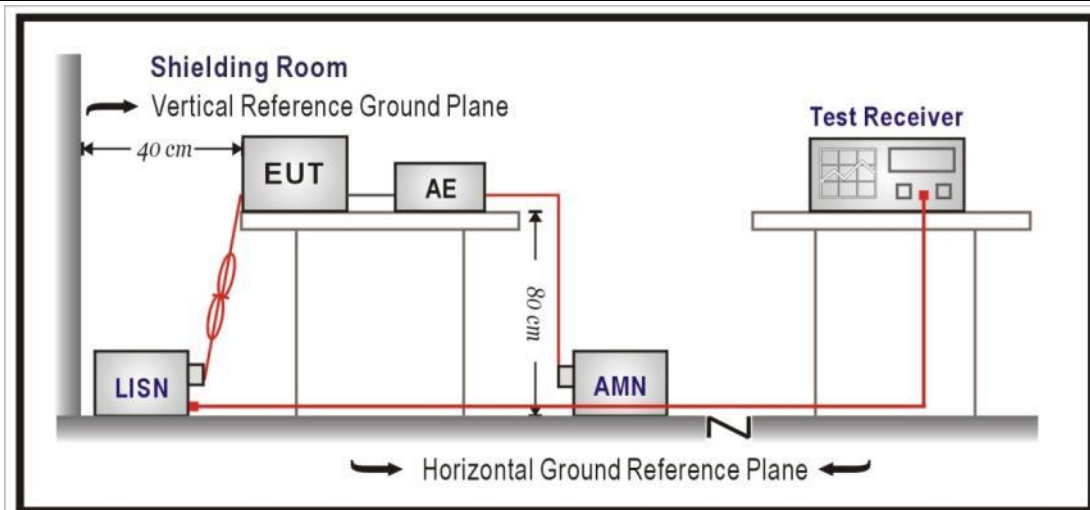
4.1.1 Limit

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
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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).

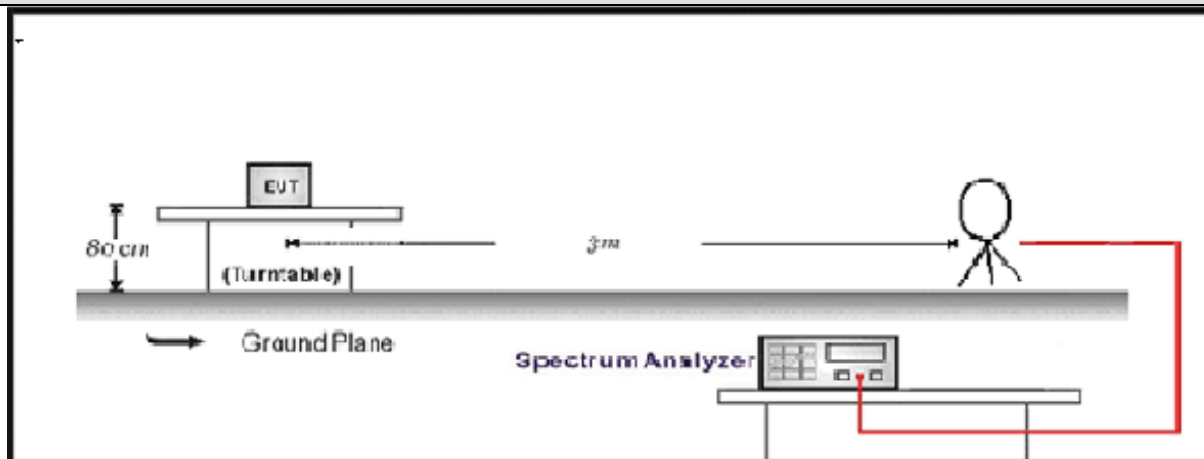
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated 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

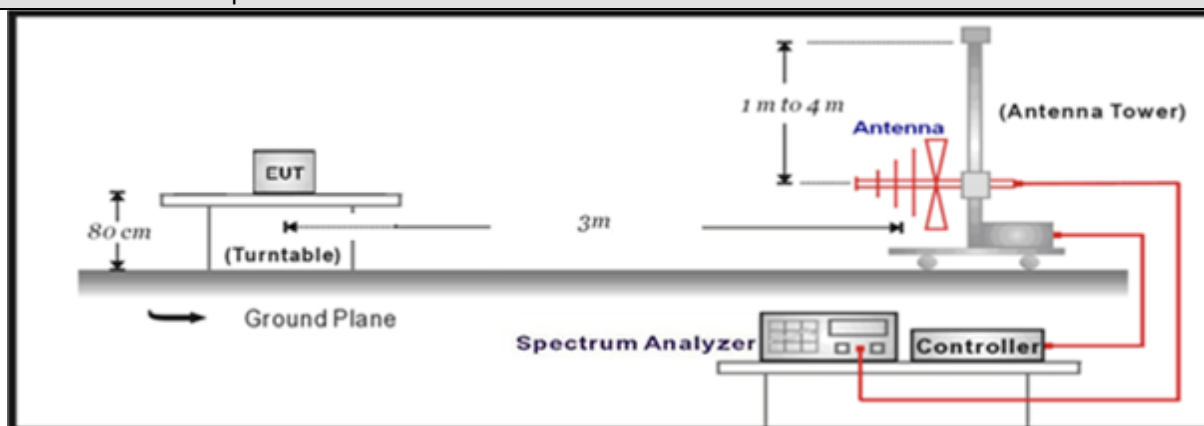
factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

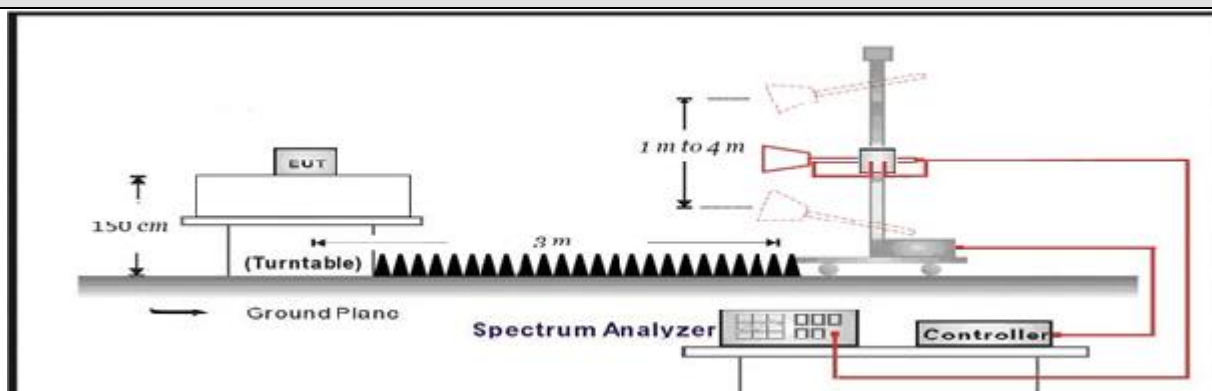
Below 30MHz Test Setup:



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

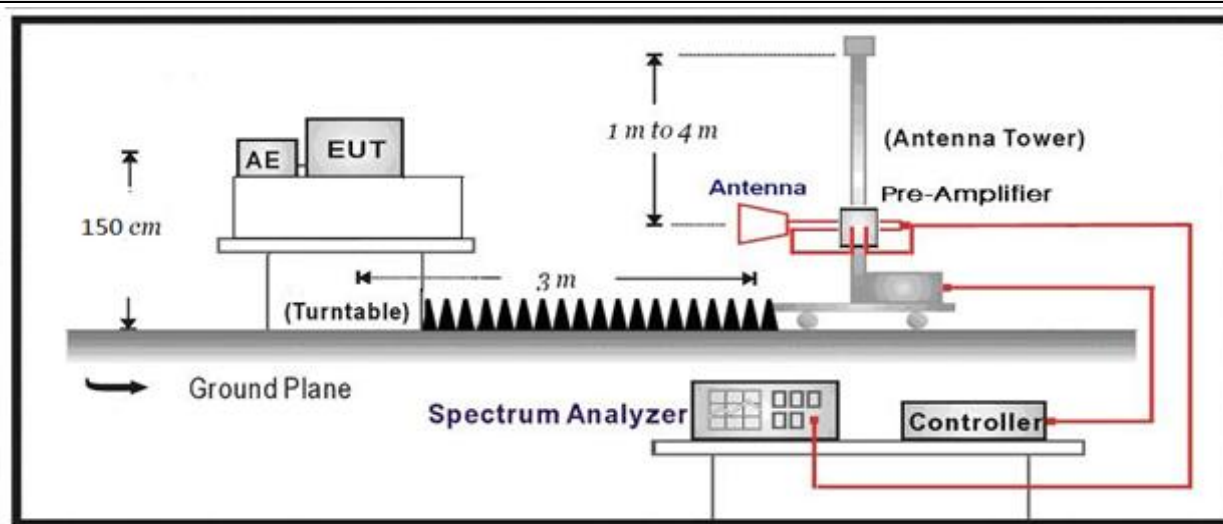
4.3 Radiated Emission Band Edge**VERDICT: PASS****4.3.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

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

4.3.2 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

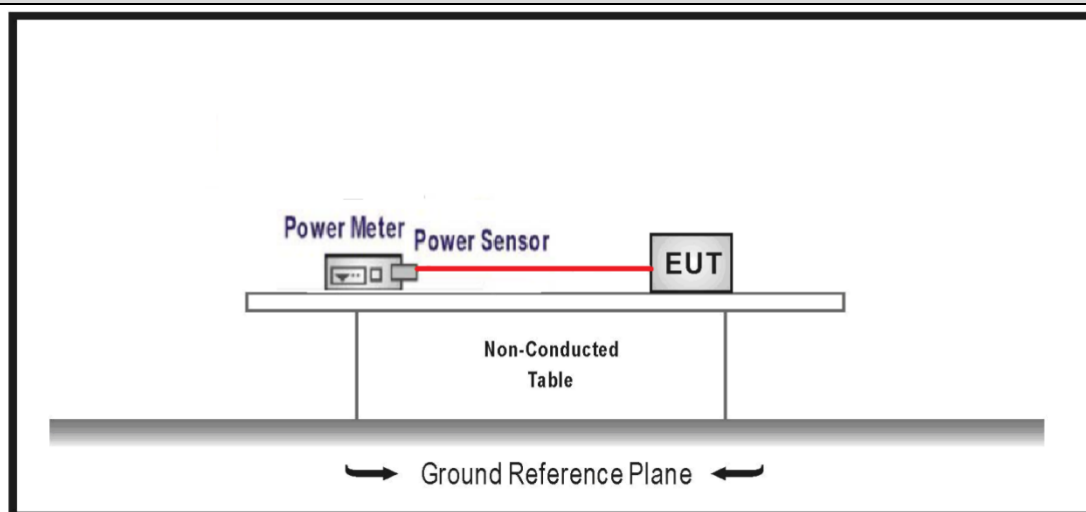
4.4.1 Limit

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

INPAQ Antenna							
Bluetooth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	EIRP (dBm)	Limit (dBm)	
						Average Power	EIRP
	BLE 1M	0	2402	11.81	13.66	30.00	36.00
		19	2440	11.87	13.72	30.00	36.00
		39	2480	11.68	13.53	30.00	36.00
	BLE 2M	1	2404	12.04	13.89	30.00	36.00
		19	2440	11.70	13.55	30.00	36.00
		38	2478	11.85	13.70	30.00	36.00

Note: EIRP= Average Power + Antenna Gain (AUX Antenna gain:1.85 dBi)

AWAN Antenna							
Bluetooth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	EIRP (dBm)	Limit (dBm)	
						Average Power	EIRP
	BLE 1M	0	2402	11.81	13.67	30.00	36.00
		19	2442	11.87	13.73	30.00	36.00
		39	2480	11.68	13.54	30.00	36.00
	BLE 2M	1	2404	12.04	13.90	30.00	36.00
		19	2440	11.70	13.56	30.00	36.00
		38	2478	11.85	13.71	30.00	36.00

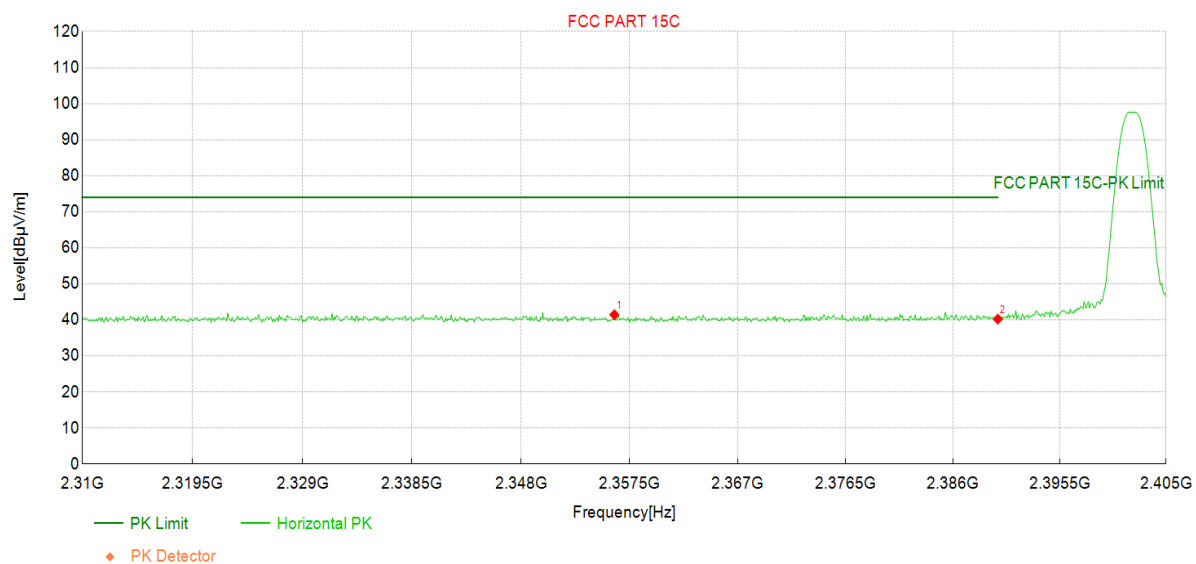
Note: EIRP= Average Power + Antenna Gain (AUX Antenna gain:1.86 dBi)

Band edge measurements

INPAQ Antenna:

Transmit at 2402MHz by LE_1Mbps

Test Graph

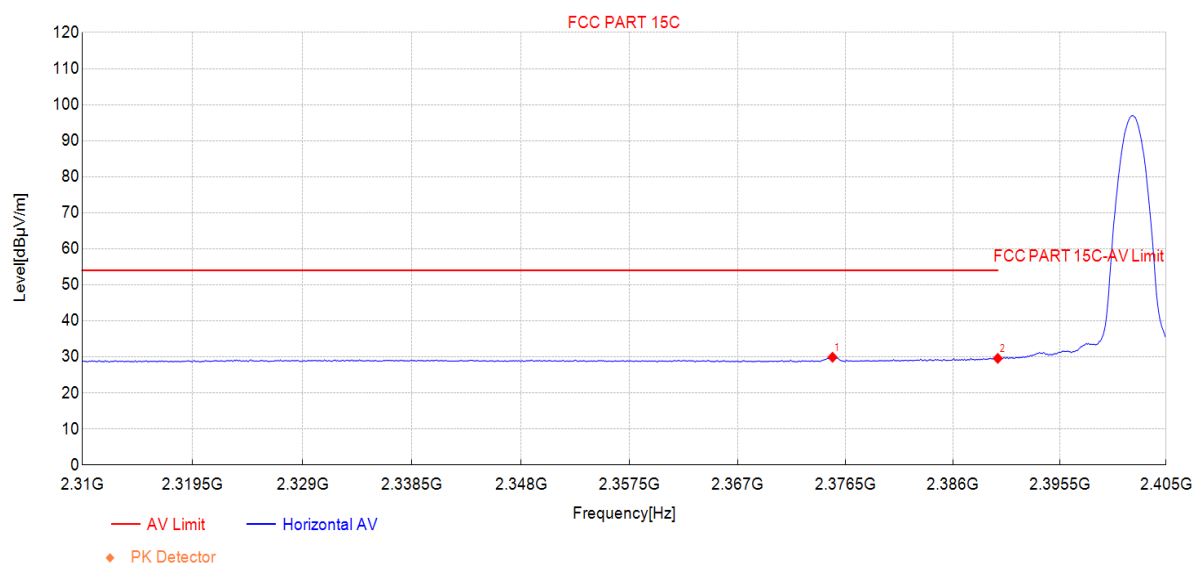


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2356.17	41.6	41.44	-0.110	74.00	32.56	PK	Horizo	PASS
2	2390.00	40.3	40.21	-0.090	74.00	33.79	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

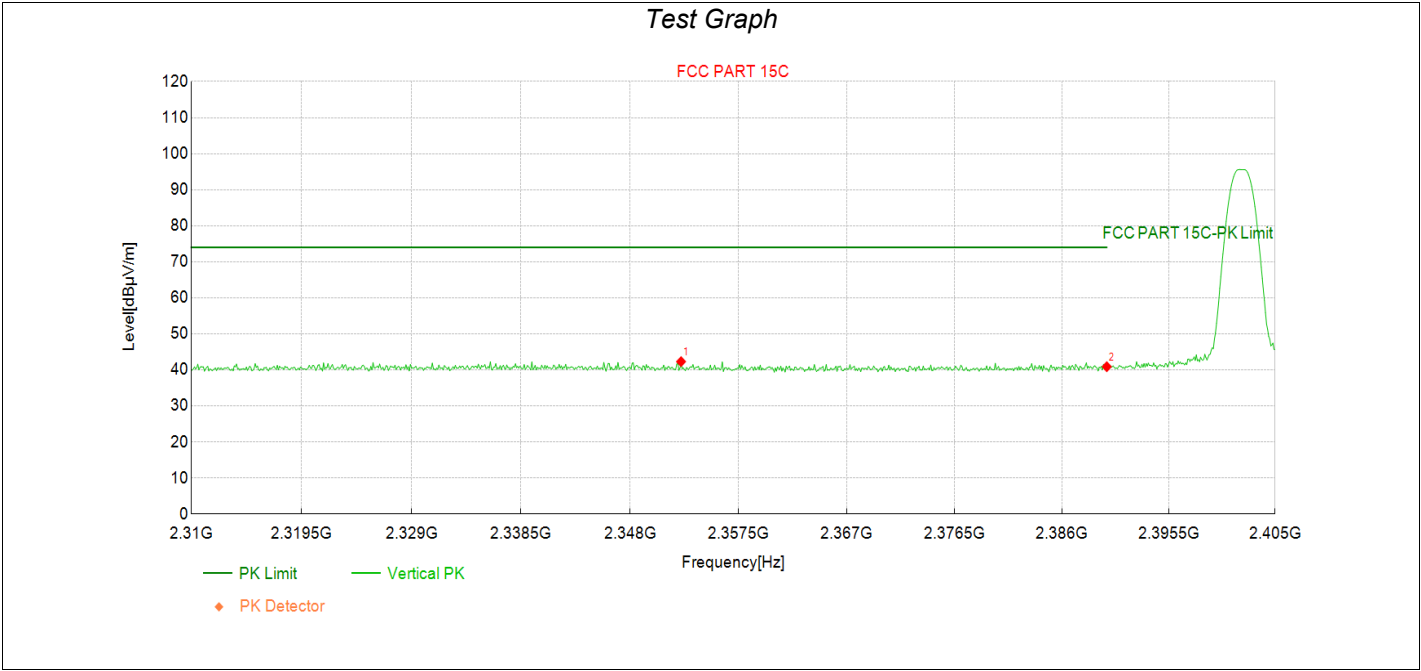
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2375.36	30.0	29.91	-0.110	54.00	24.09	AV	Horizo	PASS
2	2390.00	29.7	29.59	-0.090	54.00	24.41	AV	Horizo	PASS

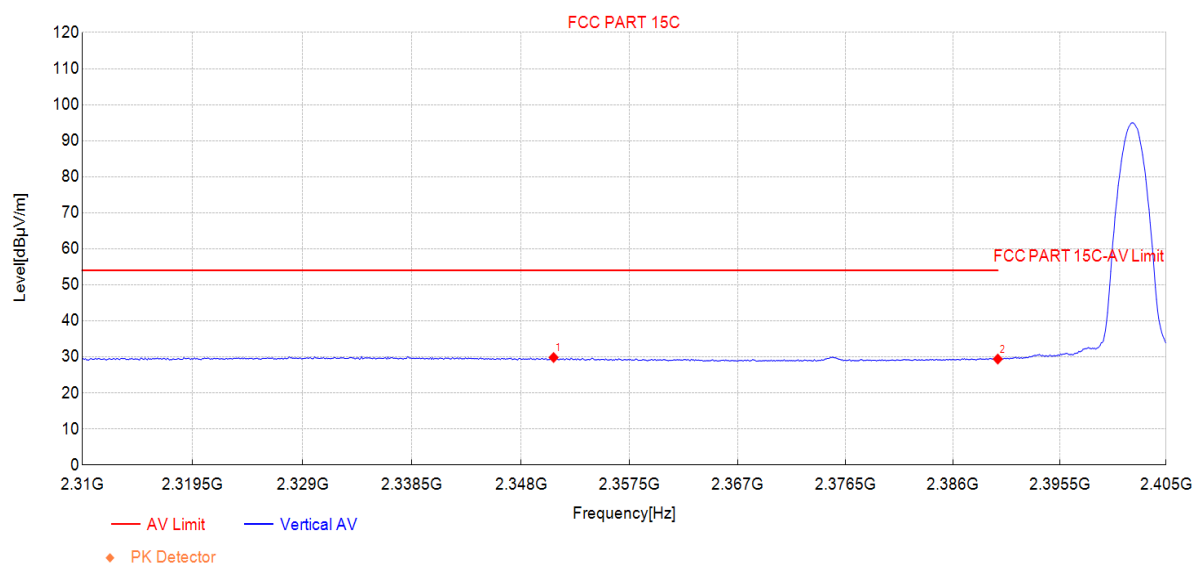
Transmit at 2402MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2352.47	42.4	42.29	-0.120	74.00	31.71	PK	Vertic	PASS
2	2390.00	41.0	40.88	-0.090	74.00	33.12	PK	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

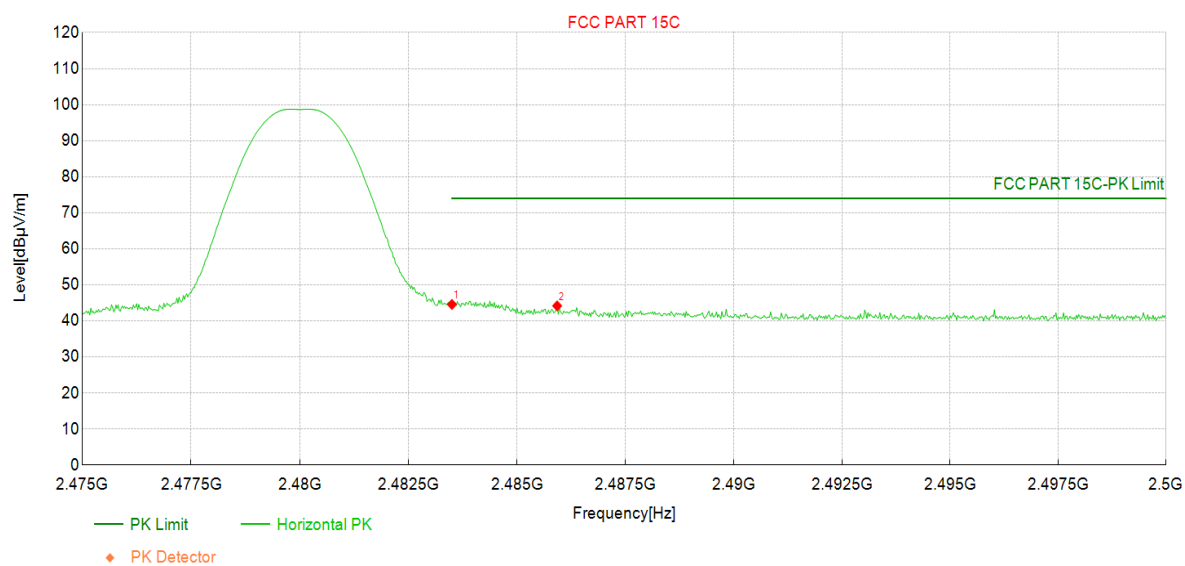


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2350.85	30.0	29.84	-0.120	54.00	24.16	AV	Vertic	PASS
2	2390.00	29.5	29.41	-0.090	54.00	24.59	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

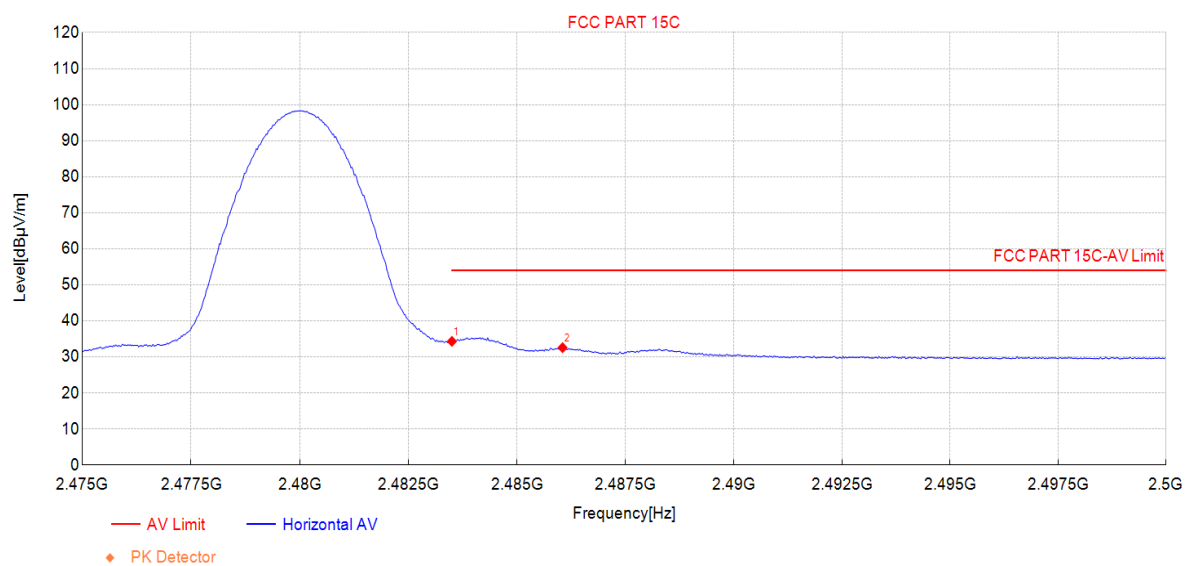


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.5	44.57	0.100	74.00	29.43	PK	Horizo	PASS
2	2485.93	44.1	44.17	0.110	74.00	29.83	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

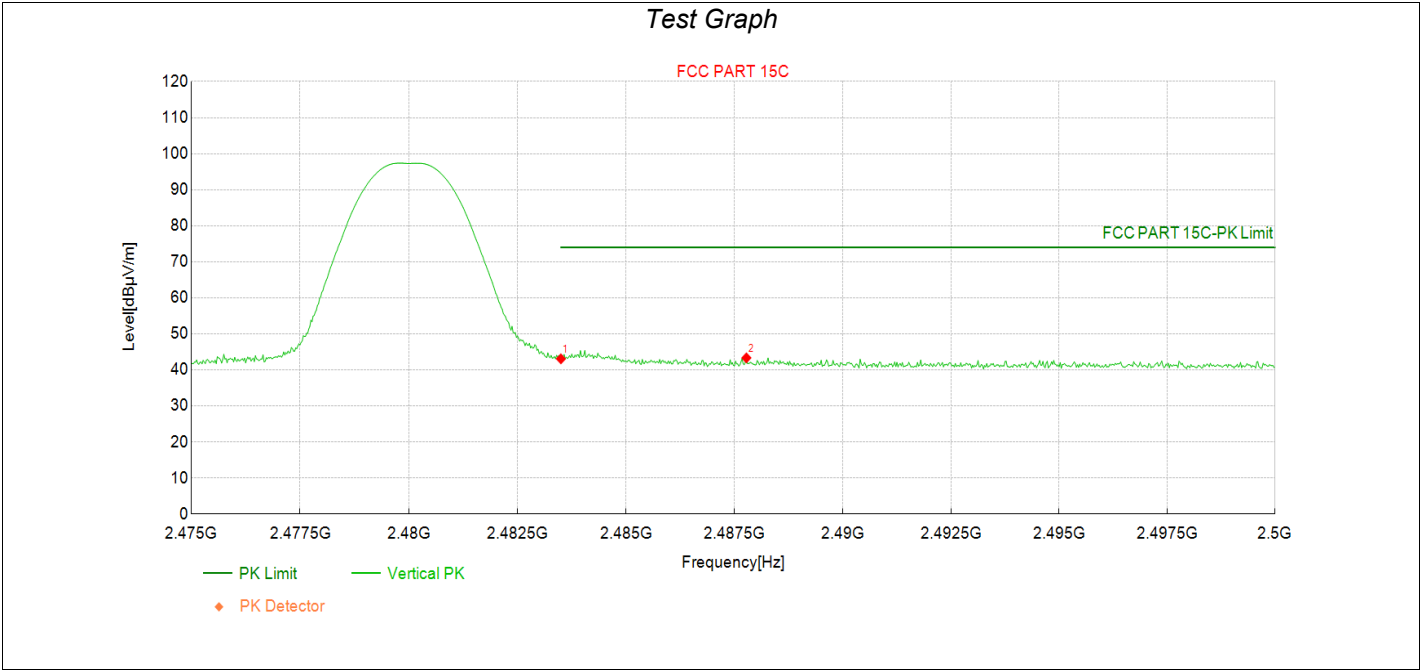
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.2	34.32	0.100	54.00	19.68	AV	Horizo	PASS
2	2486.05	32.5	32.57	0.110	54.00	21.43	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

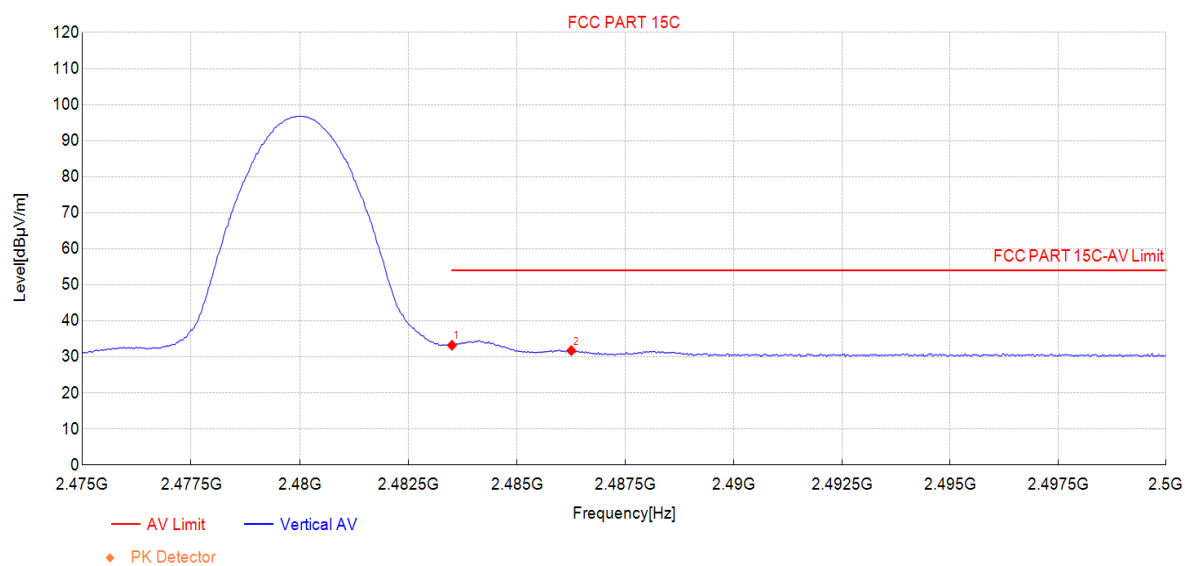


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	43.0	43.07	0.100	74.00	30.93	PK	Vertic	PASS
2	2487.78	43.2	43.33	0.120	74.00	30.67	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

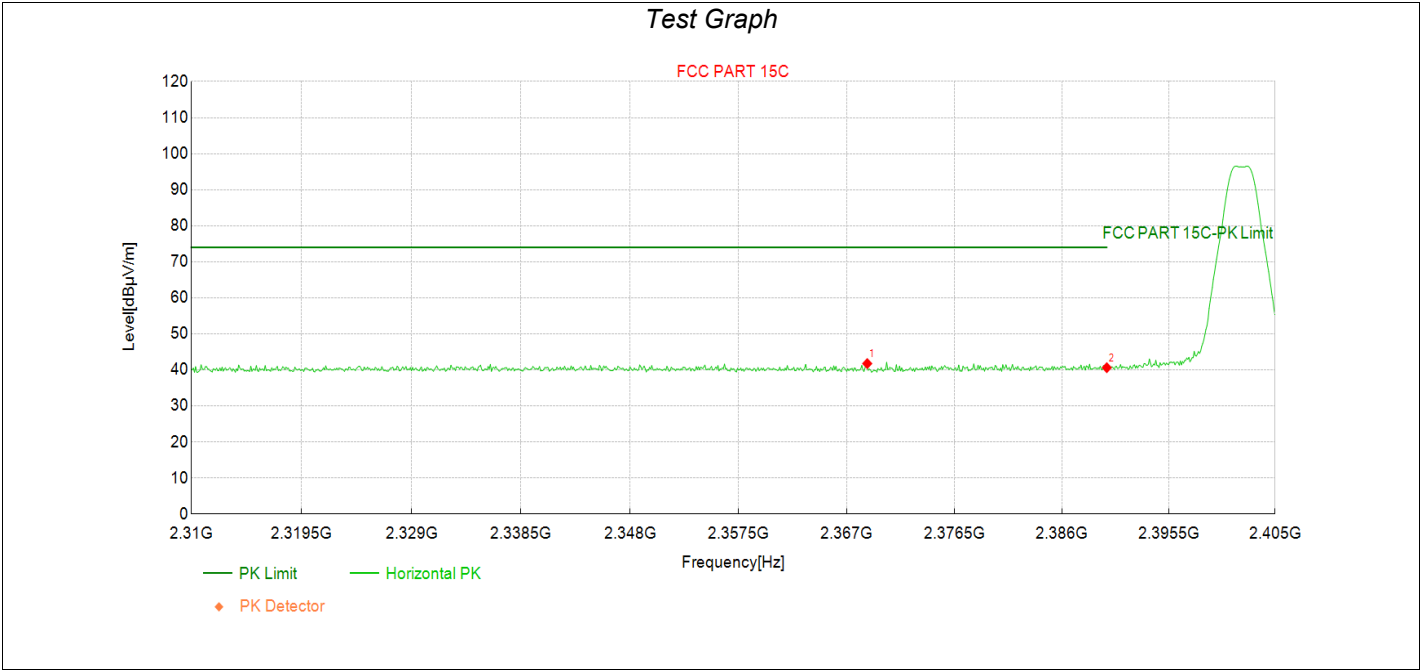
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	33.1	33.24	0.100	54.00	20.76	AV	Vertic	PASS
2	2486.25	31.7	31.76	0.110	54.00	22.24	AV	Vertic	PASS

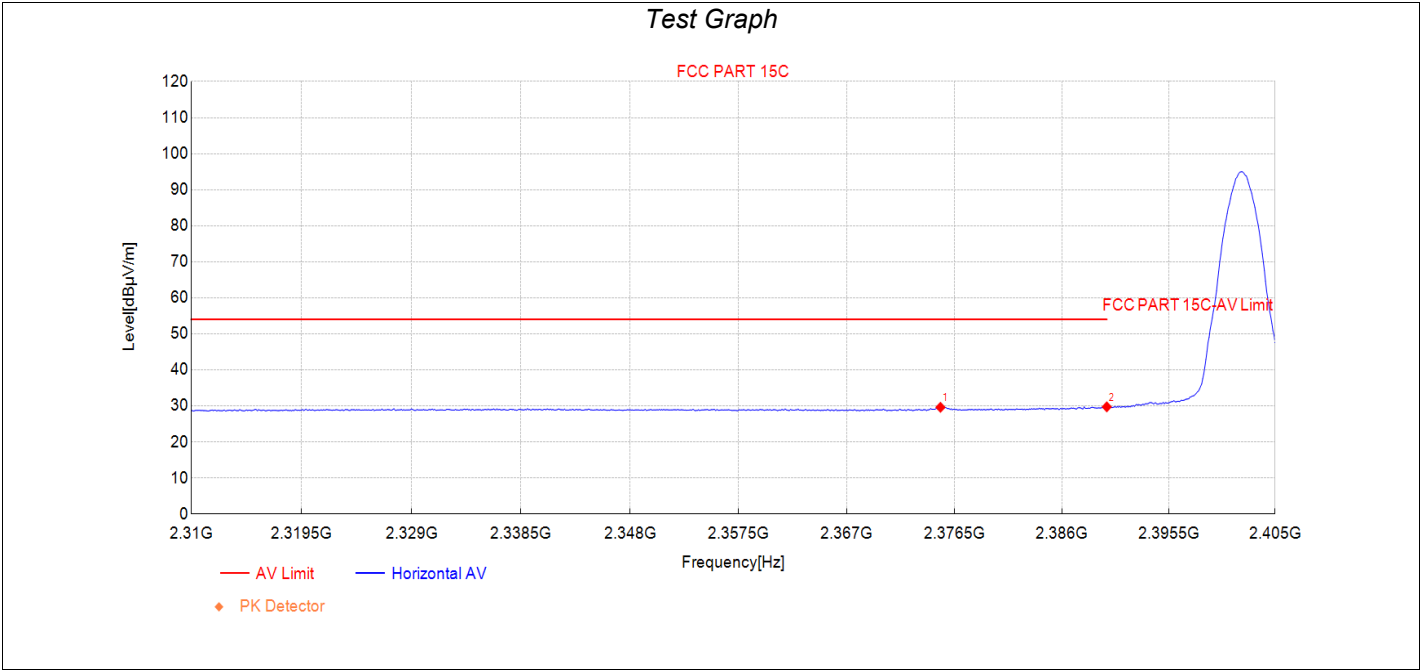
Transmit at 2404MHz by LE_2Mbps



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2368.81	41.9	41.76	-0.110	74.00	32.24	PK	Horizo	PASS
2	2390.00	40.7	40.61	-0.090	74.00	33.39	PK	Horizo	PASS

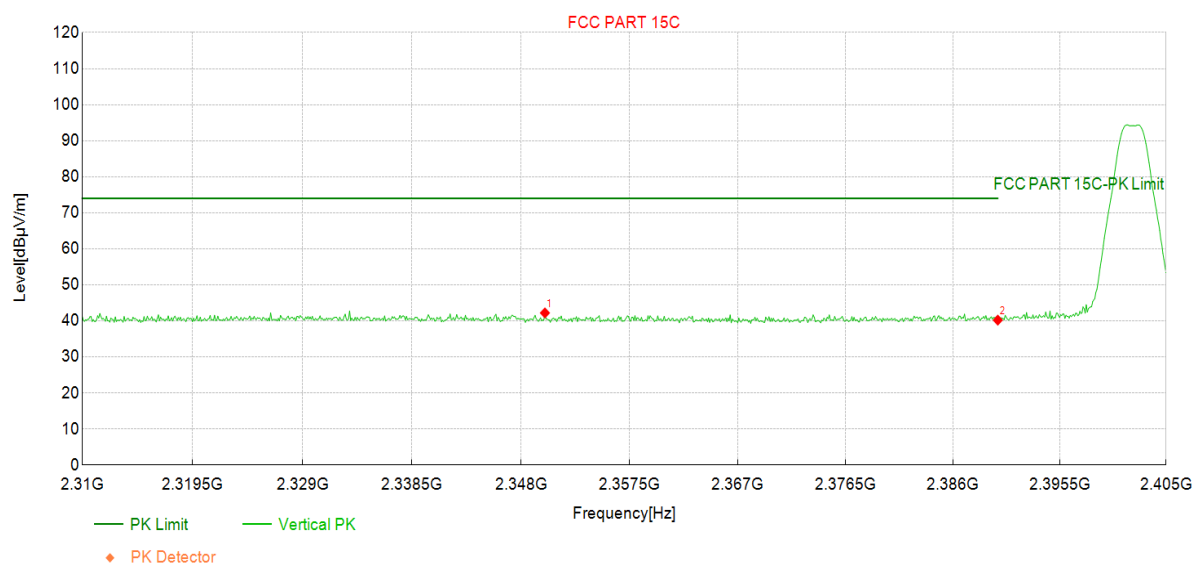
Transmit at 2404MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2375.27	29.7	29.62	-0.110	54.00	24.38	AV	Horizo	PASS
2	2390.00	29.8	29.75	-0.090	54.00	24.25	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

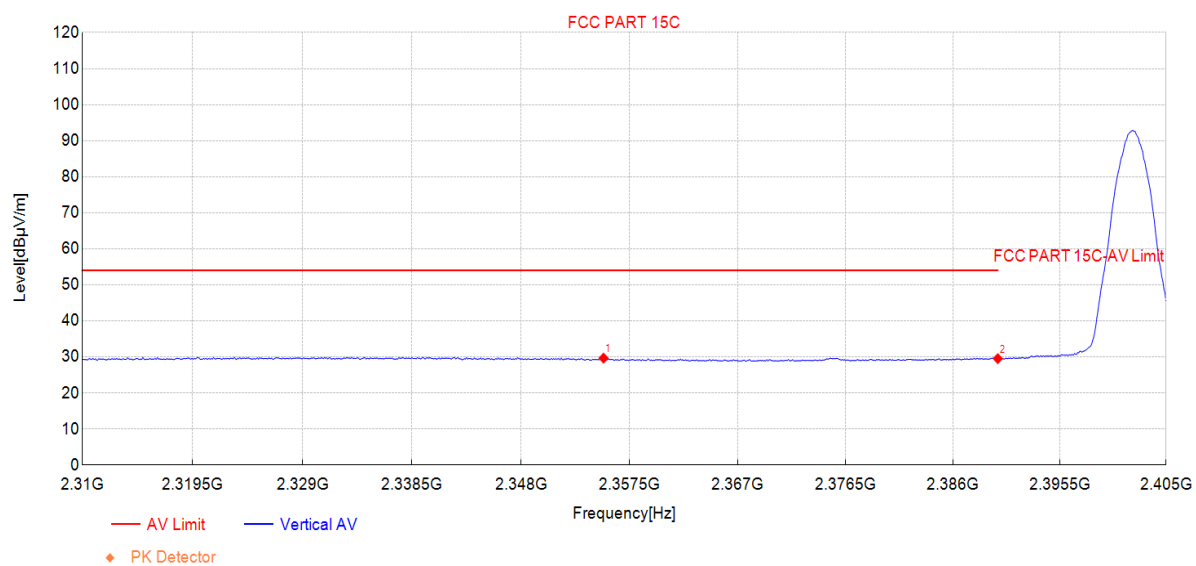


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2350.09	42.3	42.21	-0.120	74.00	31.79	PK	Vertic	PASS
2	2390.00	40.3	40.21	-0.090	74.00	33.79	PK	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

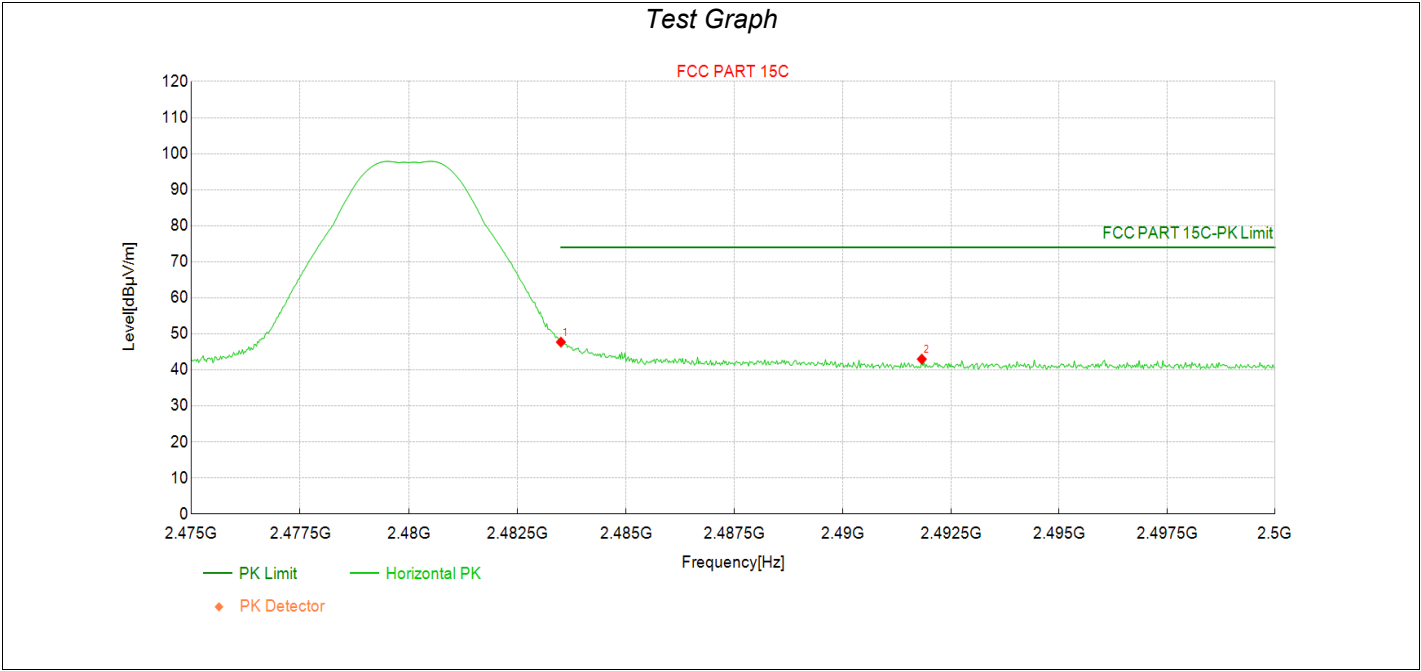
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2355.22	29.8	29.67	-0.110	54.00	24.33	AV	Vertic	PASS
2	2390.00	29.6	29.53	-0.090	54.00	24.47	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

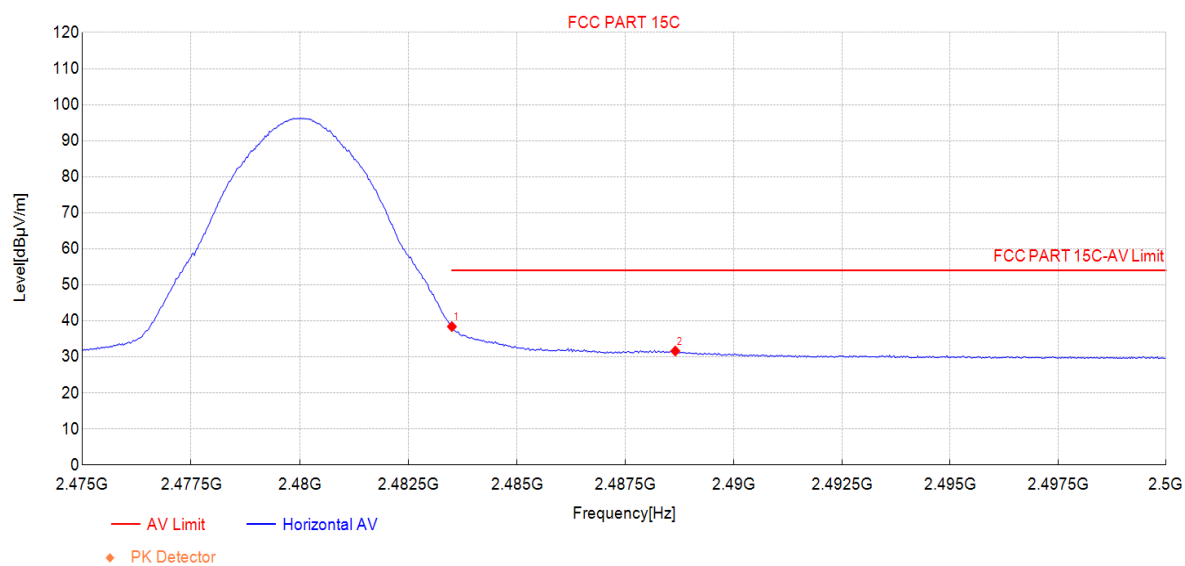


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.6	47.71	0.100	74.00	26.29	PK	Horizo	PASS
2	2491.83	42.9	42.98	0.130	74.00	31.02	PK	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

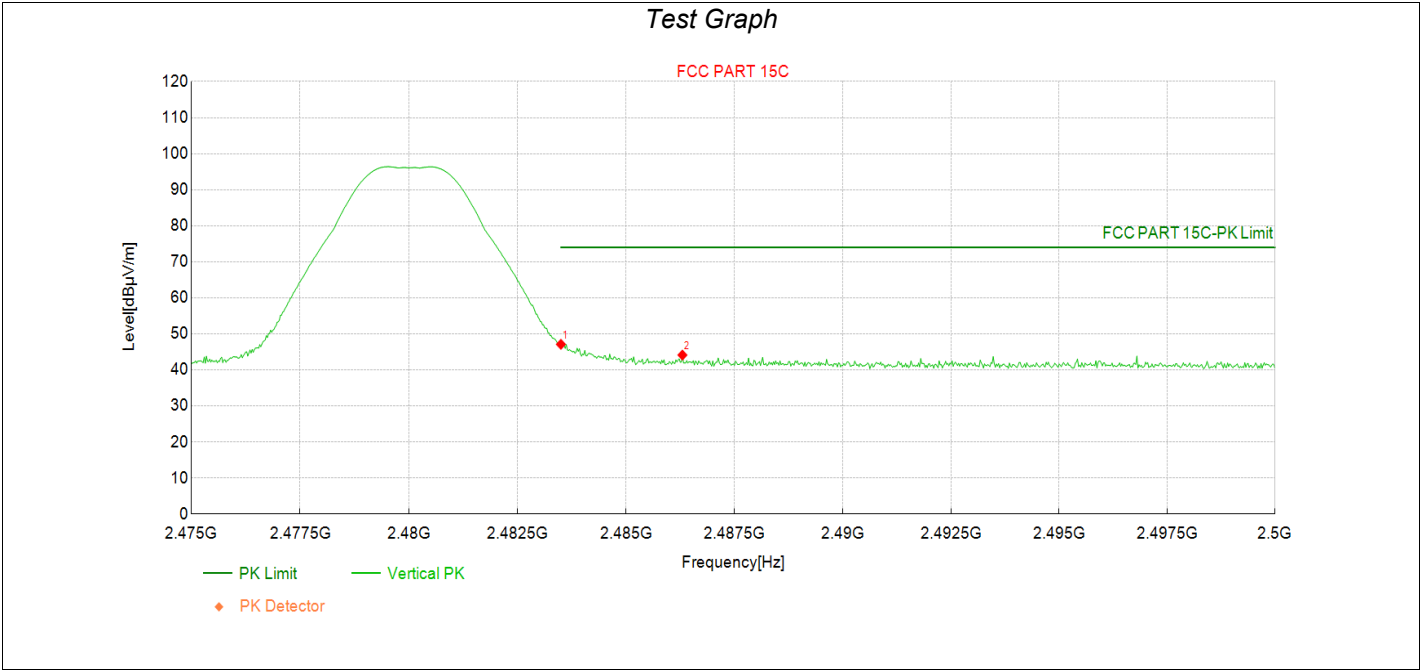
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	38.3	38.41	0.100	54.00	15.59	AV	Horizo	PASS
2	2488.65	31.5	31.64	0.120	54.00	22.36	AV	Horizo	PASS

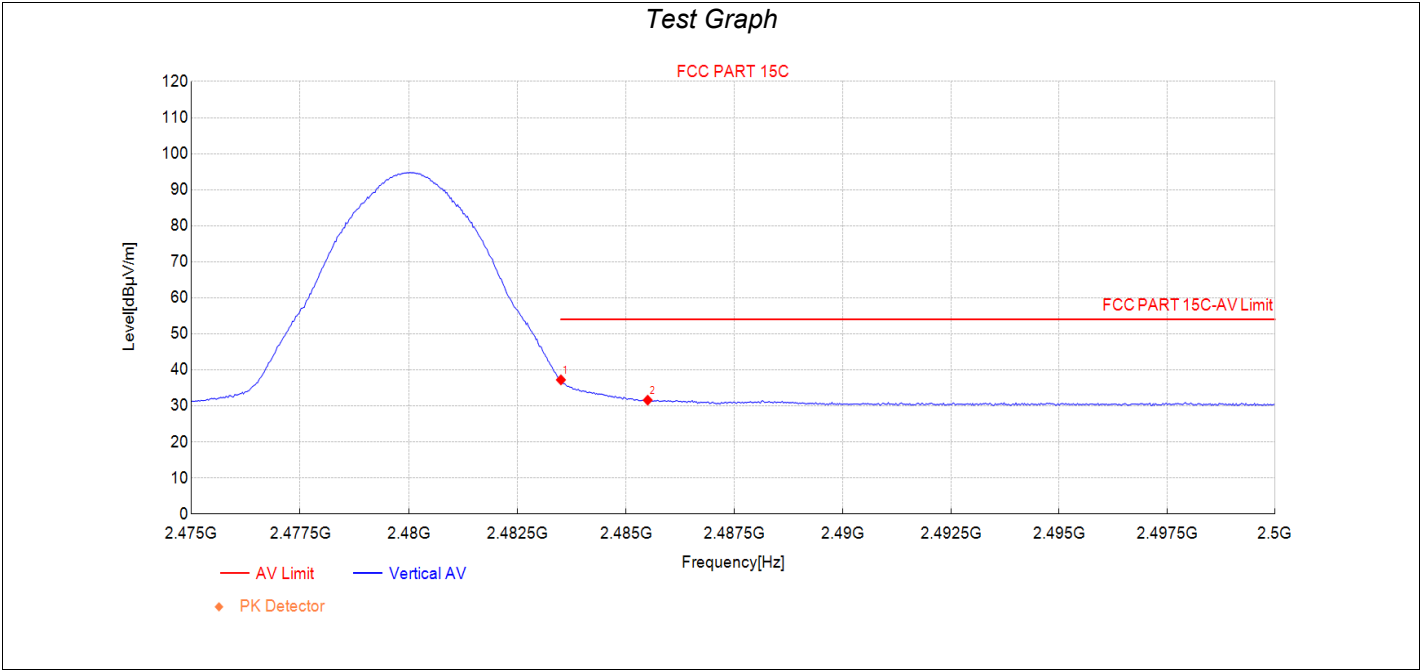
Transmit at 2478MHz by LE_2Mbps



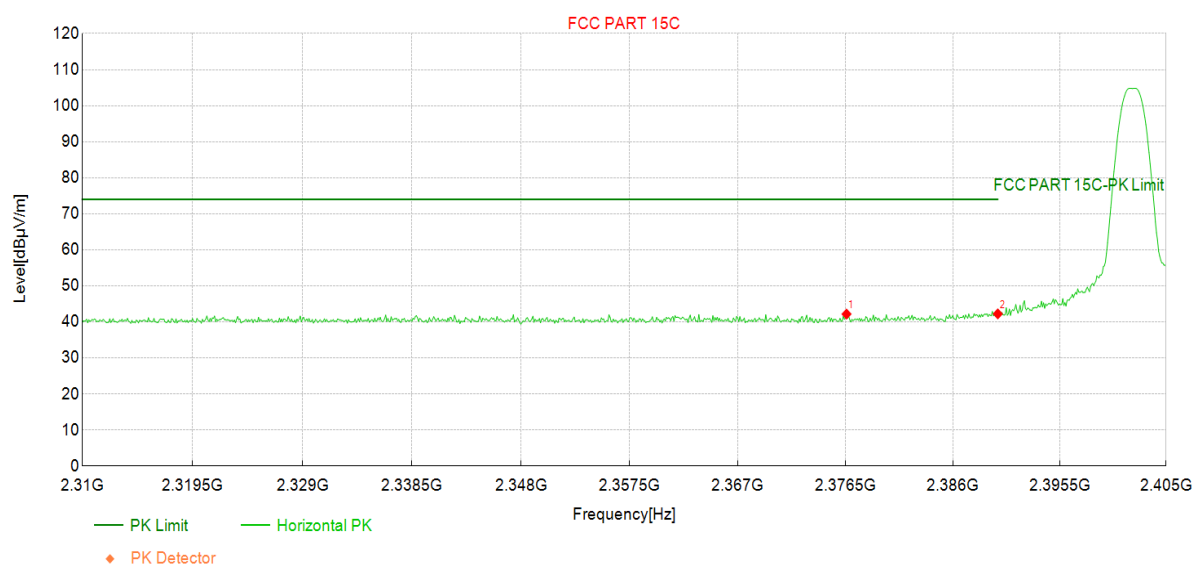
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.0	47.10	0.100	74.00	26.90	PK	Vertic	PASS
2	2486.30	44.0	44.12	0.110	74.00	29.88	PK	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps



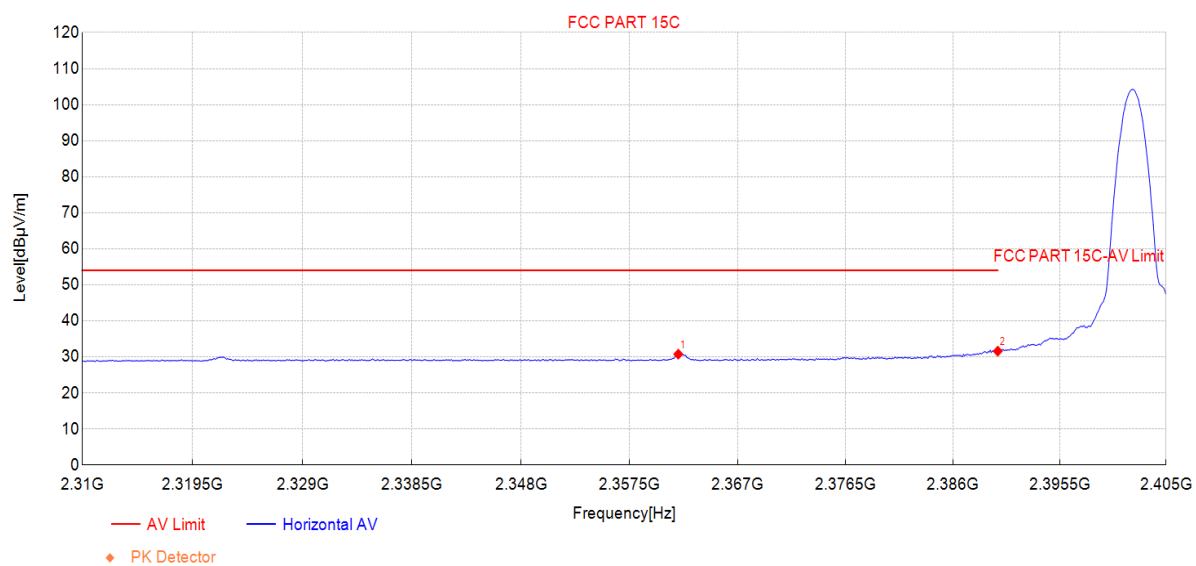
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	37.1	37.23	0.100	54.00	16.77	AV	Vertic	PASS
2	2485.50	31.5	31.60	0.110	54.00	22.40	AV	Vertic	PASS

AWAN Antenna:**Transmit at 2402MHz by LE_1Mbps****Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2376.60	42.3	42.17	-0.110	74.00	31.83	PK	Horizo	PASS
2	2390.00	42.3	42.22	-0.090	74.00	31.78	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

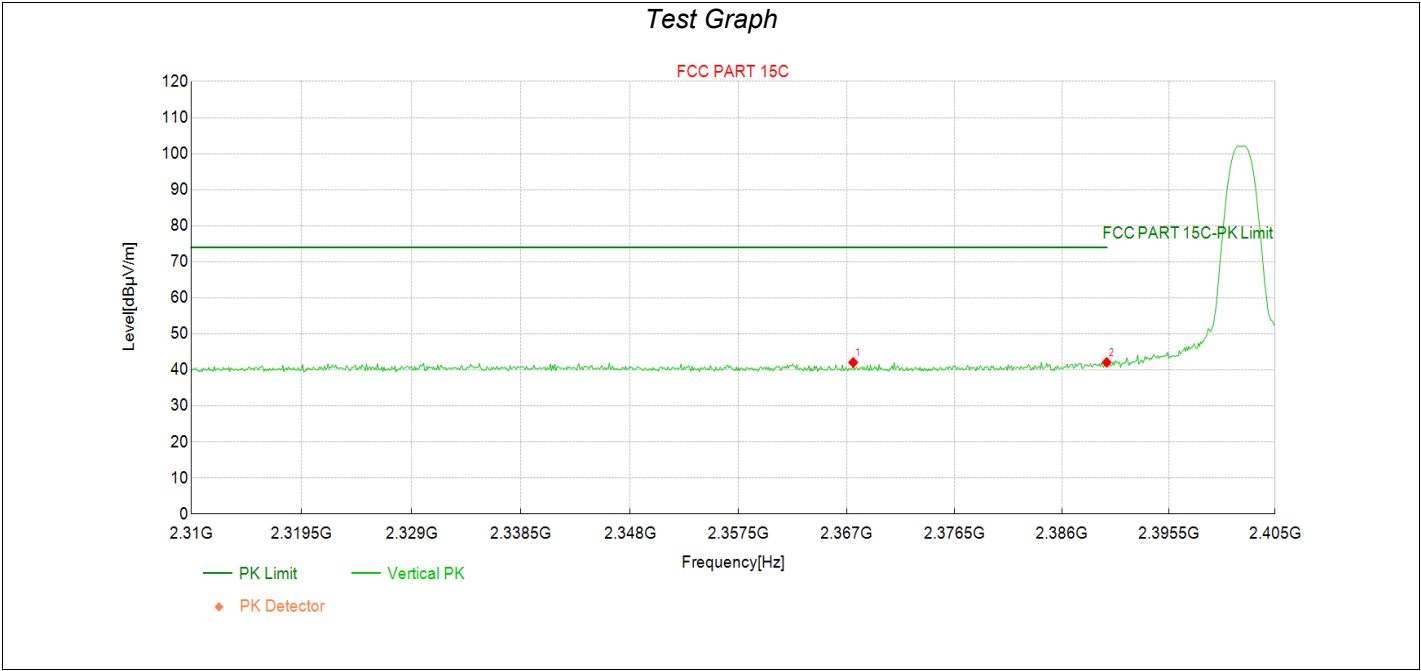
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2361.78	30.9	30.77	-0.100	54.00	23.23	AV	Horizo	PASS
2	2390.00	31.7	31.61	-0.090	54.00	22.39	AV	Horizo	PASS

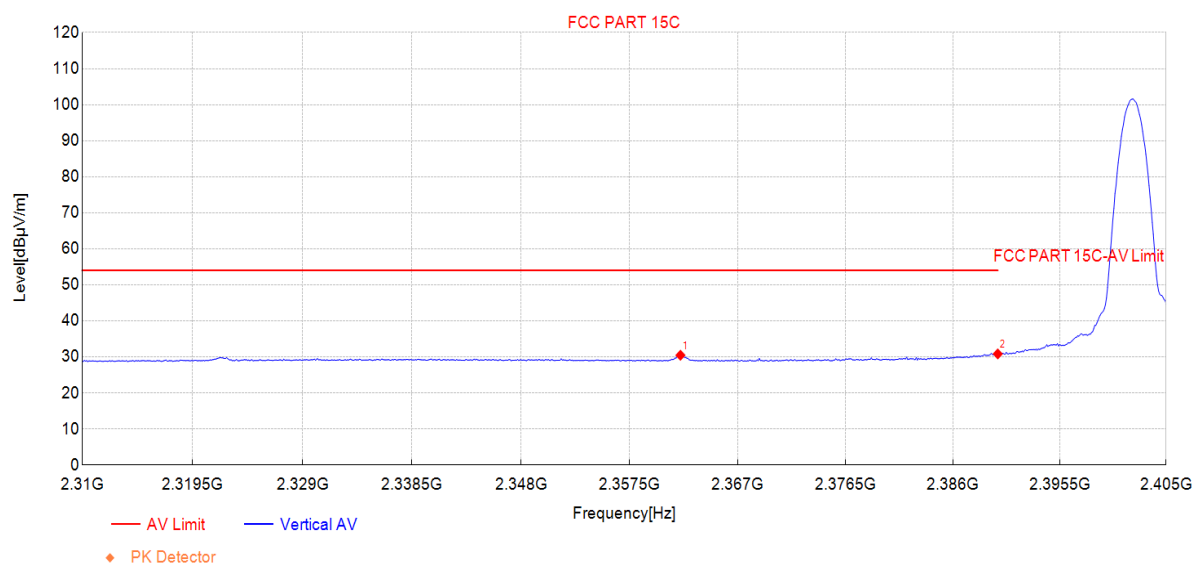
Transmit at 2402MHz by LE_1Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2367.57	42.2	42.07	-0.120	74.00	31.93	PK	Vertic	PASS
2	2390.00	42.2	42.09	-0.090	74.00	31.91	PK	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

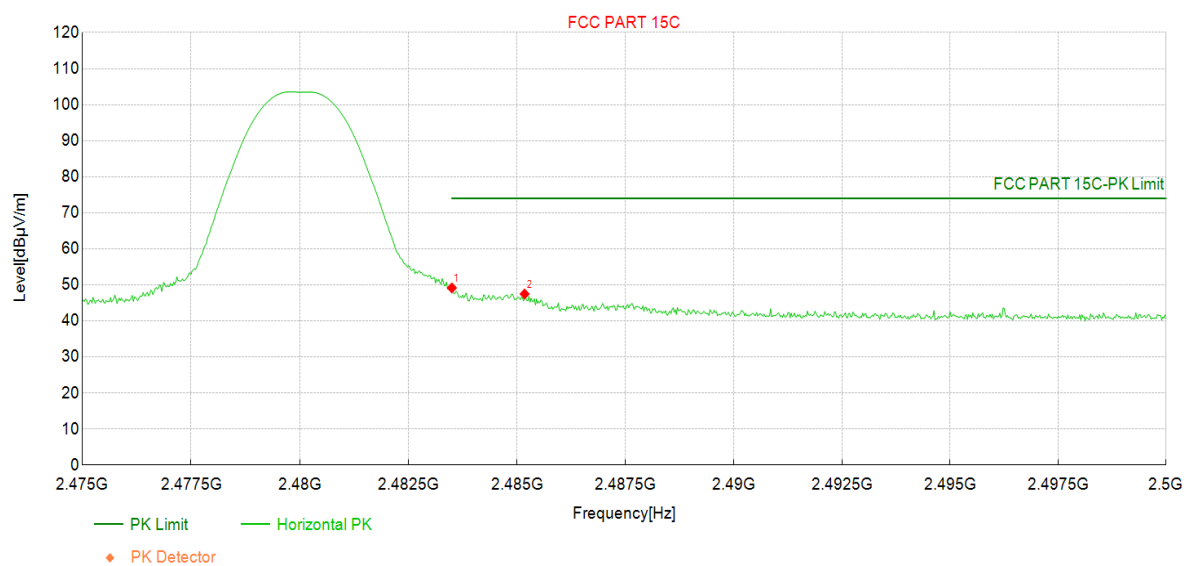


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2361.97	30.6	30.47	-0.100	54.00	23.53	AV	Vertic	PASS
2	2390.00	30.9	30.83	-0.090	54.00	23.17	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

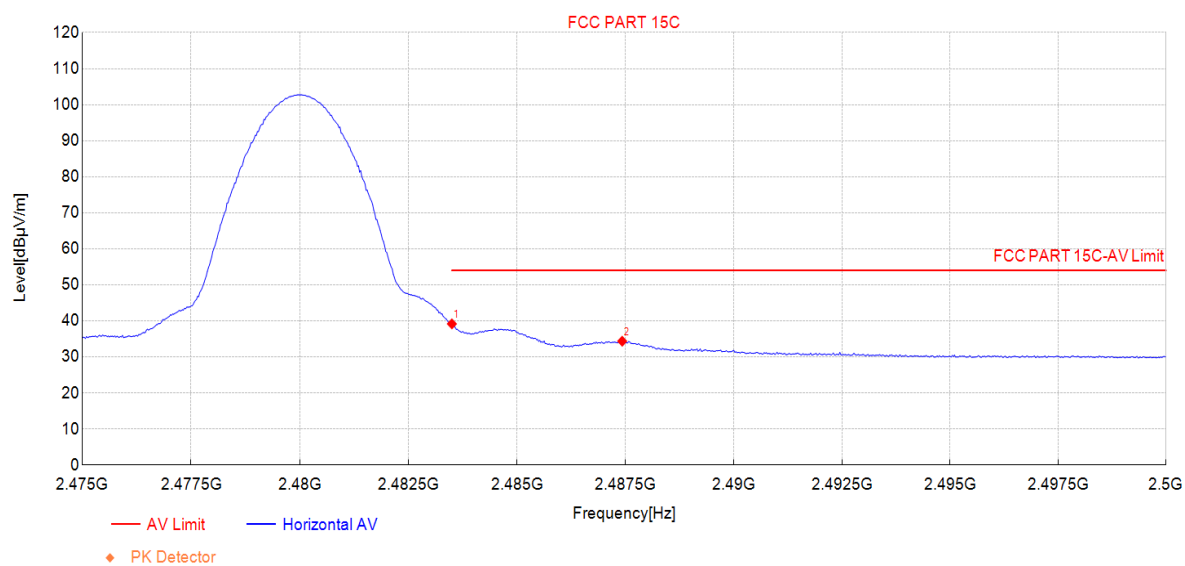


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	49.1	49.15	0.100	74.00	24.85	PK	Horizo	PASS
2	2485.18	47.4	47.47	0.110	74.00	26.53	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

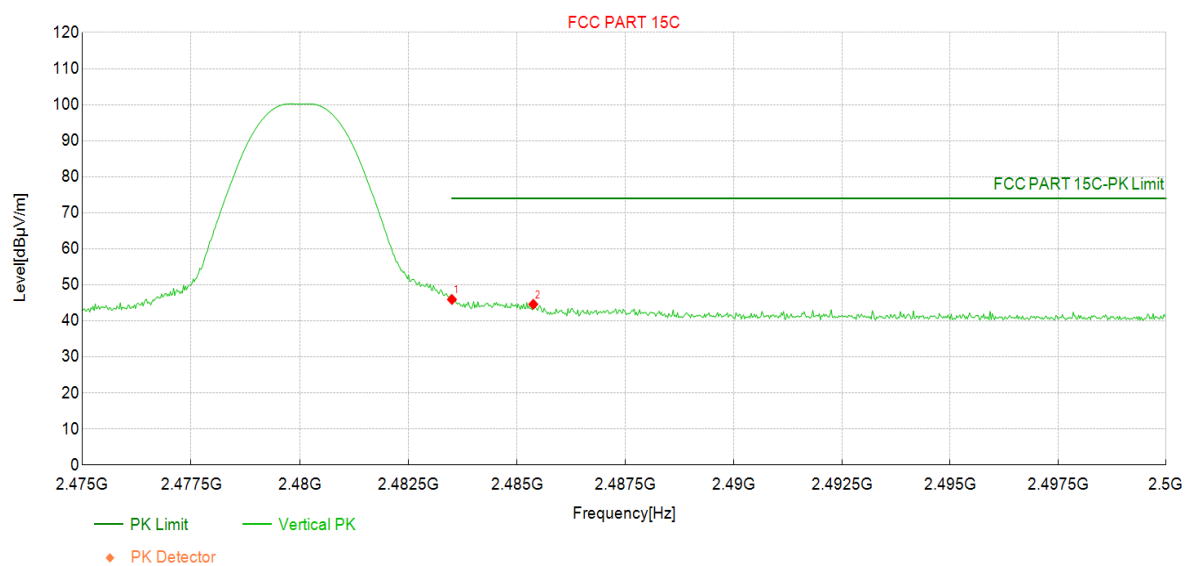


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	39.1	39.17	0.100	54.00	14.83	AV	Horizo	PASS
2	2487.43	34.3	34.36	0.110	54.00	19.64	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

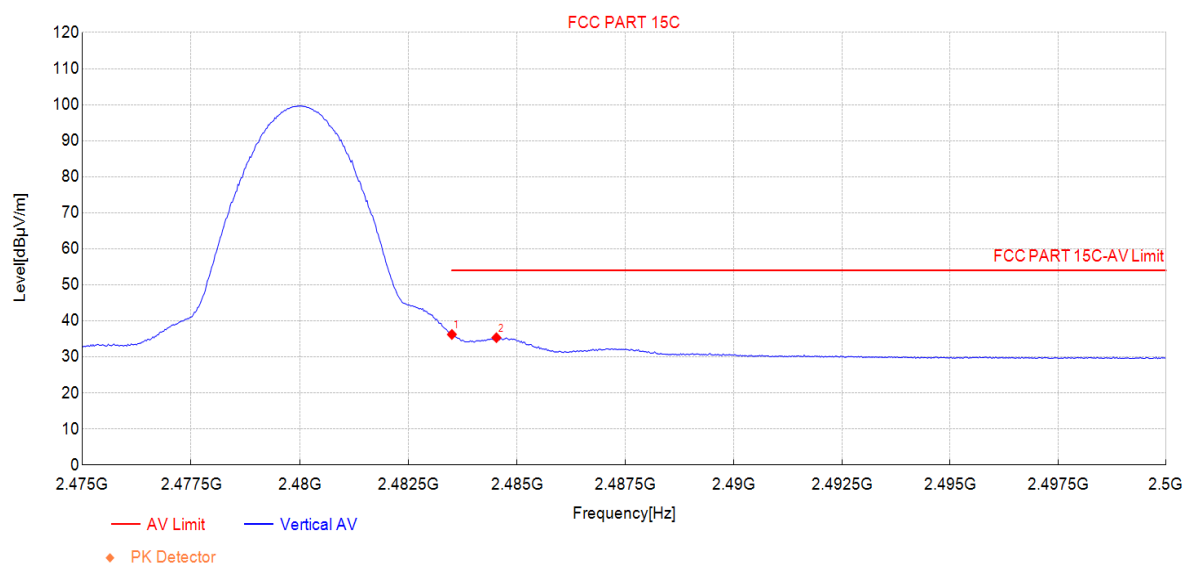


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.8	45.94	0.100	74.00	28.06	PK	Vertic	PASS
2	2485.38	44.5	44.61	0.110	74.00	29.39	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

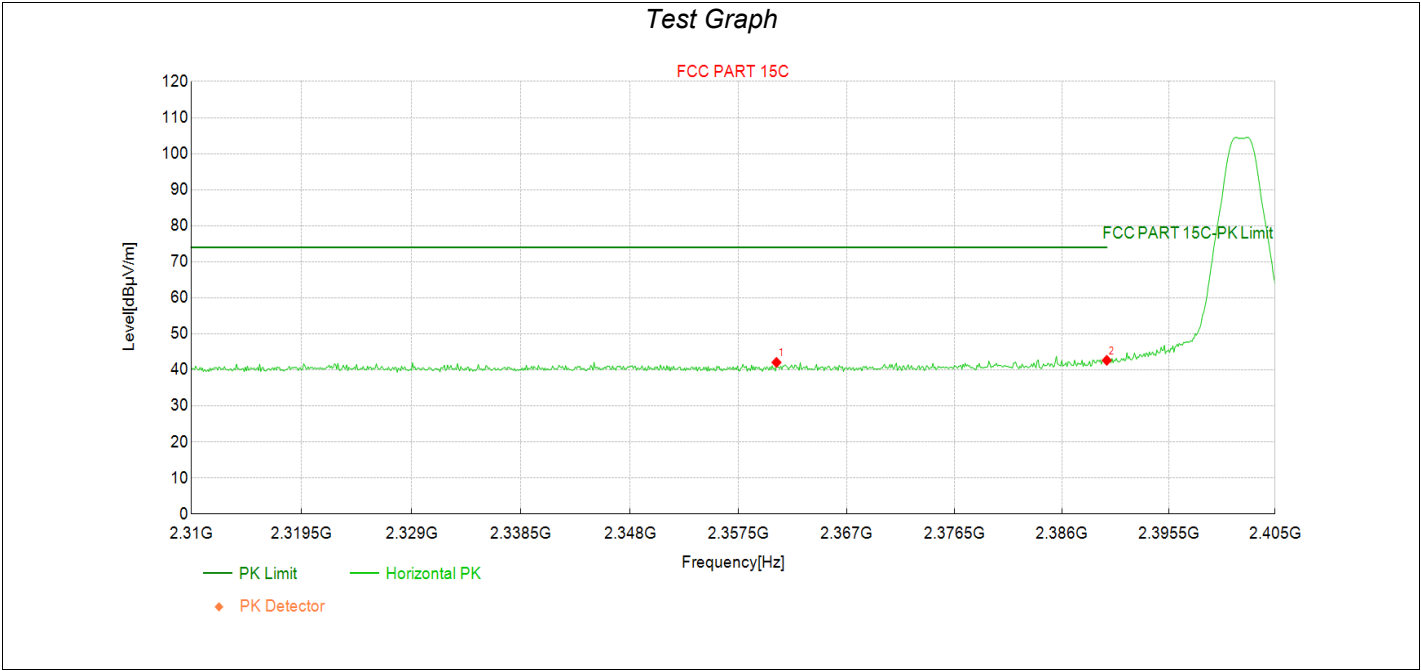
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.1	36.24	0.100	54.00	17.76	AV	Vertic	PASS
2	2484.53	35.3	35.35	0.100	54.00	18.65	AV	Vertic	PASS

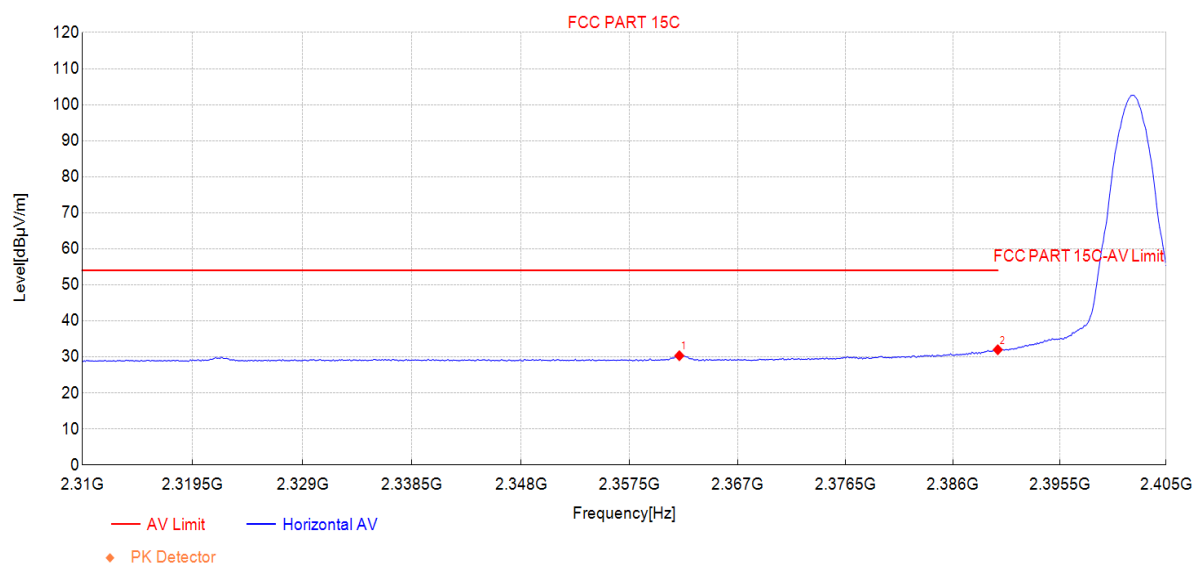
Transmit at 2404MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2360.83	42.2	42.07	-0.100	74.00	31.93	PK	Horizo	PASS
2	2390.00	42.7	42.65	-0.090	74.00	31.35	PK	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

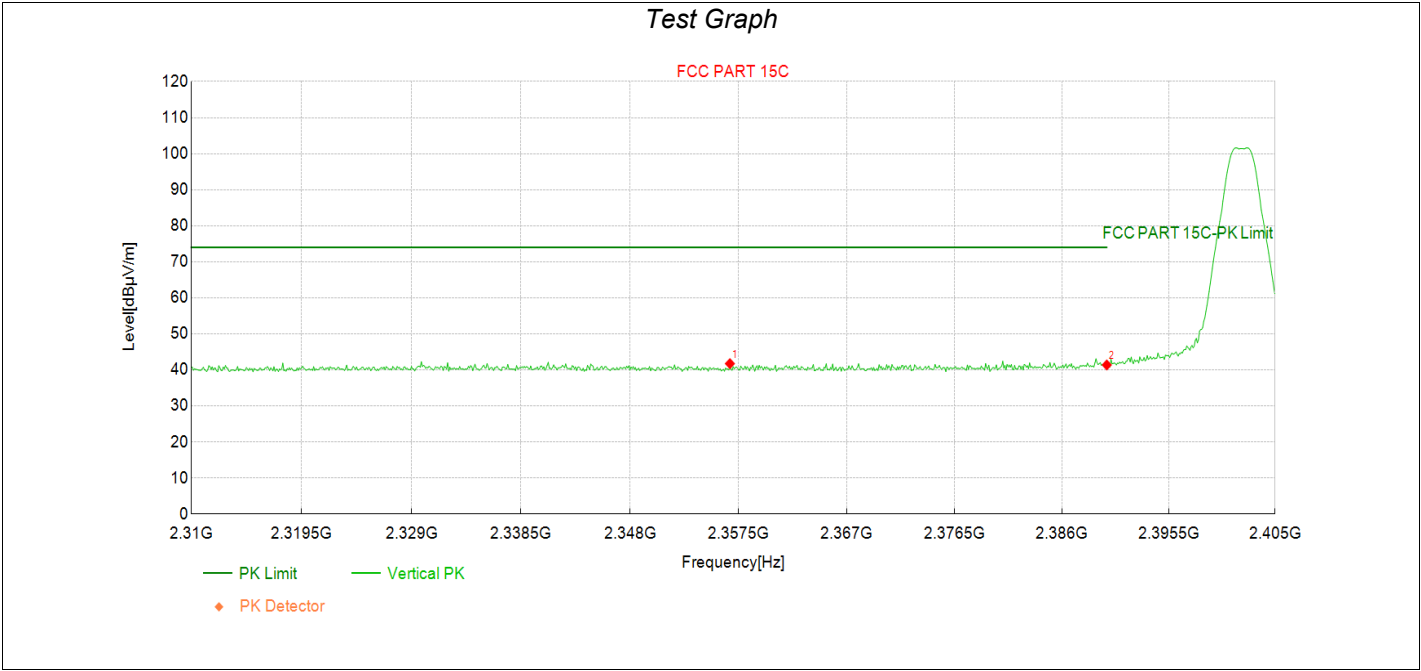
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2361.87	30.4	30.34	-0.100	54.00	23.66	AV	Horizo	PASS
2	2390.00	32.1	31.99	-0.090	54.00	22.01	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

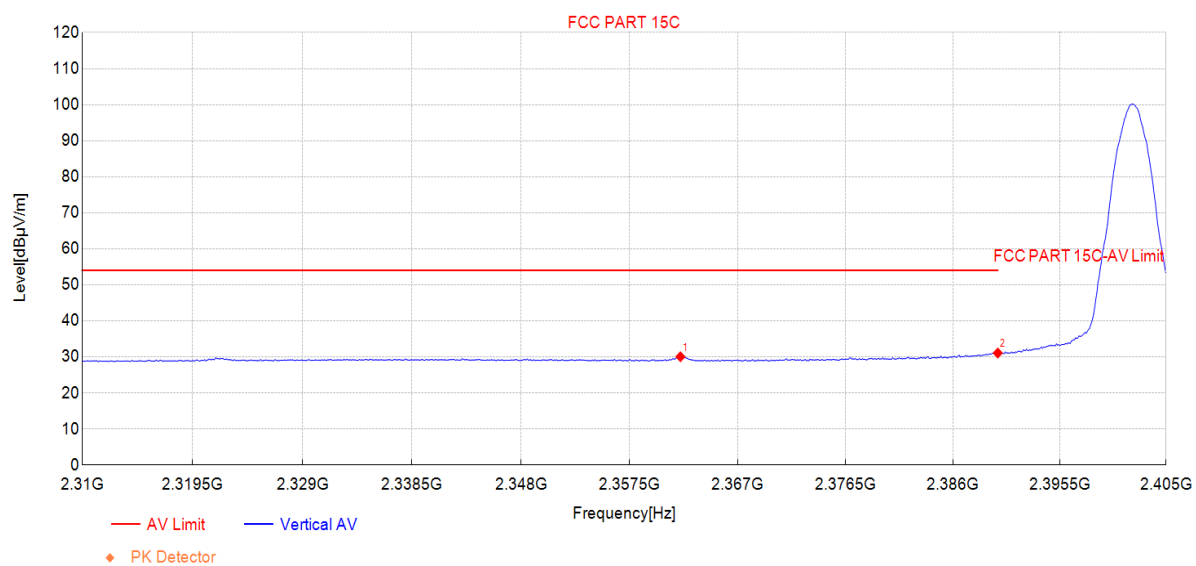


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2356.74	41.9	41.74	-0.110	74.00	32.26	PK	Vertic	PASS
2	2390.00	41.5	41.38	-0.090	74.00	32.62	PK	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

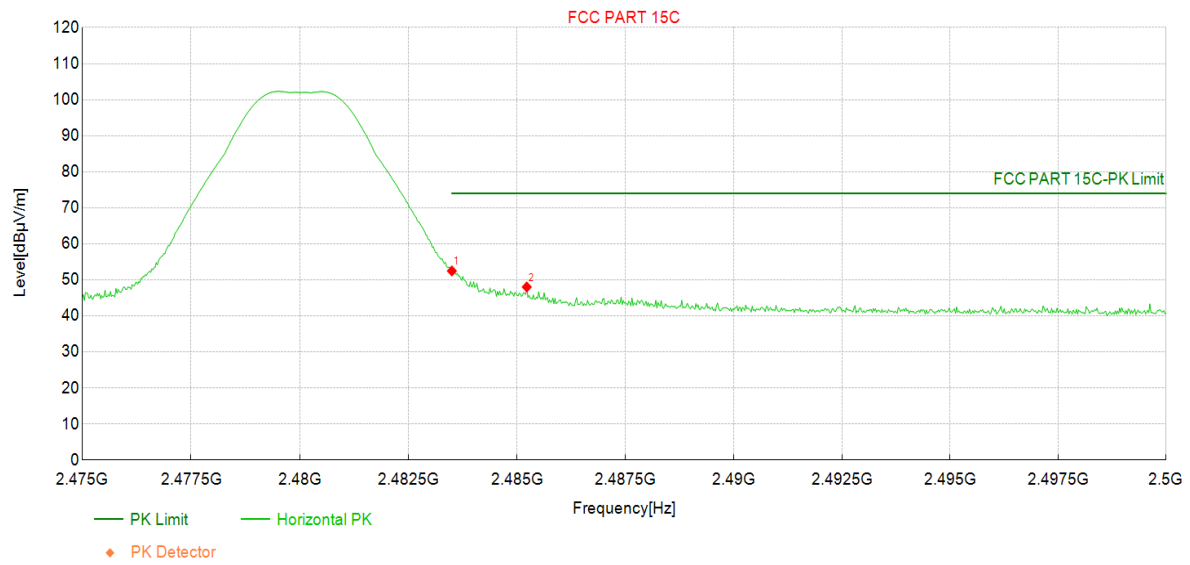


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2361.97	30.2	30.06	-0.100	54.00	23.94	AV	Vertic	PASS
2	2390.00	31.2	31.08	-0.090	54.00	22.92	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

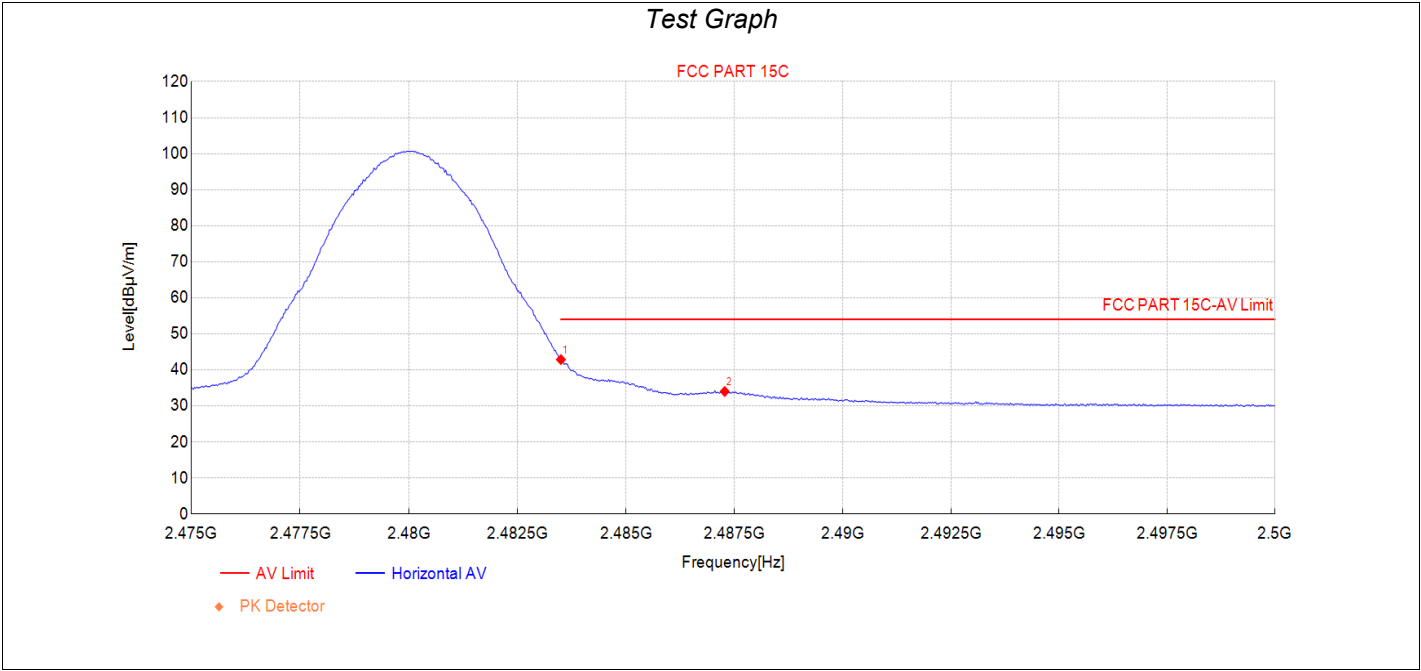
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	52.4	52.47	0.100	74.00	21.53	PK	Horizo	PASS
2	2485.23	47.9	48.02	0.110	74.00	25.98	PK	Horizo	PASS

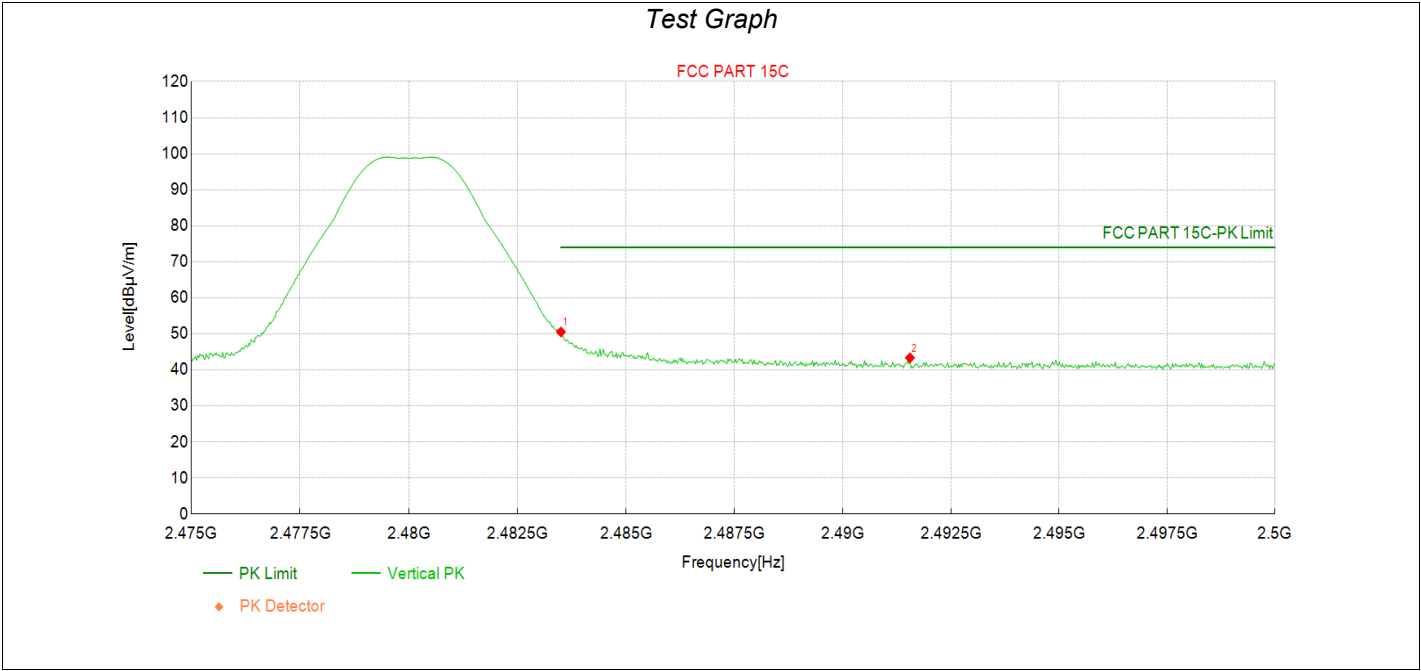
Transmit at 2478MHz by LE_2Mbps



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.8	42.87	0.100	54.00	11.13	AV	Horizo	PASS
2	2487.28	33.9	34.01	0.110	54.00	19.99	AV	Horizo	PASS

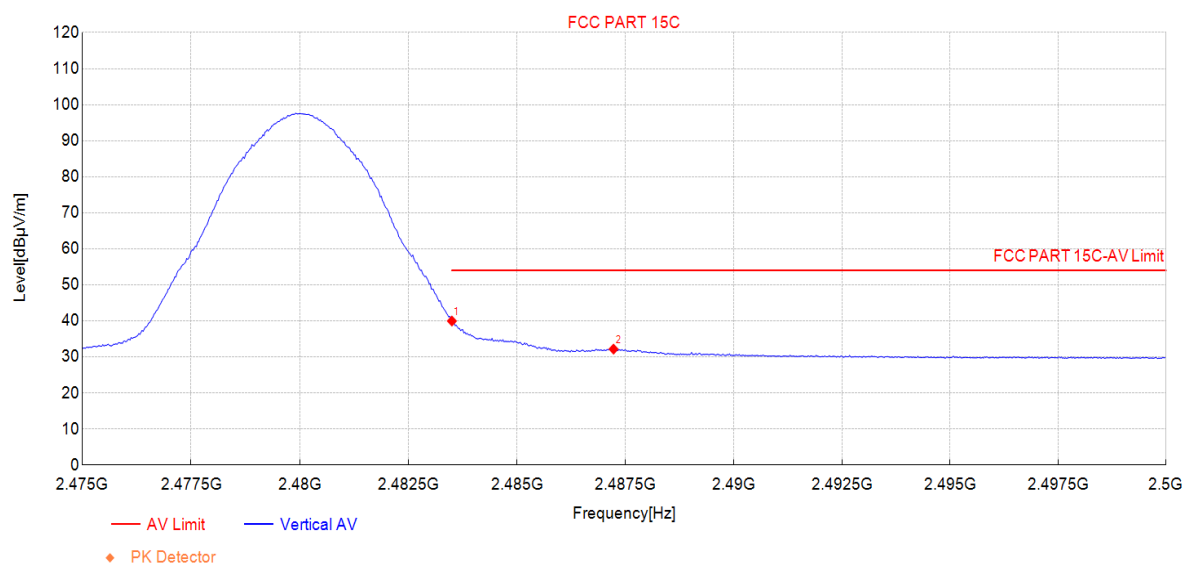
Transmit at 2478MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	50.4	50.53	0.100	74.00	23.47	PK	Vertic	PASS
2	2491.55	43.2	43.34	0.130	74.00	30.66	PK	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	39.9	39.96	0.100	54.00	14.04	AV	Vertic	PASS
2	2487.23	32.1	32.17	0.110	54.00	21.83	AV	Vertic	PASS

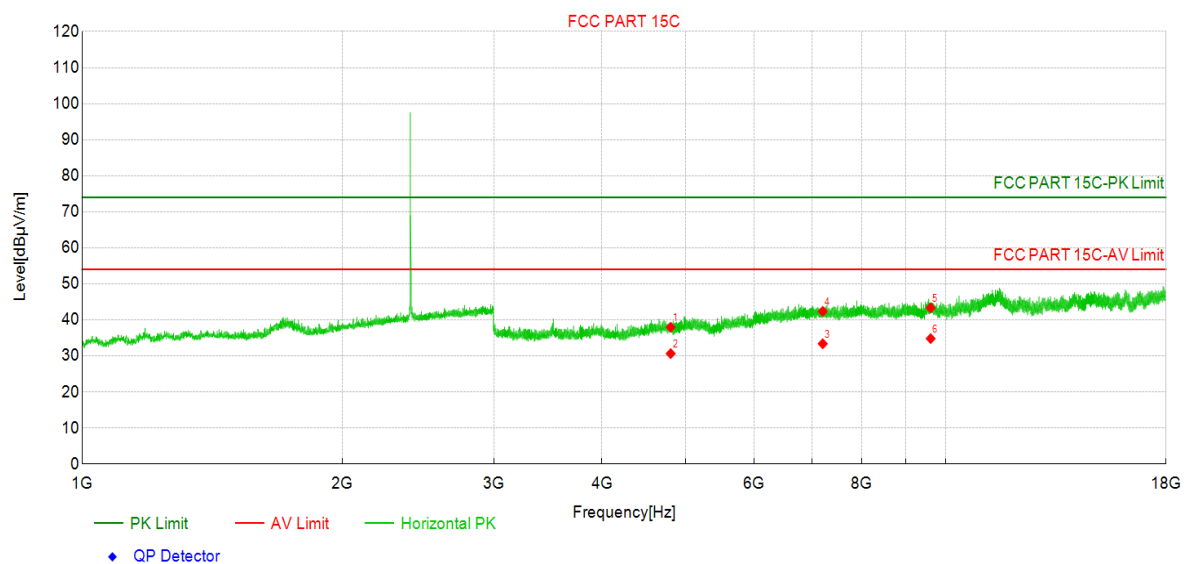
Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

Emissions in Restricted Bands

INPAQ Antenna:

Transmit at 2402MHz by LE_1Mbps

Test Graph

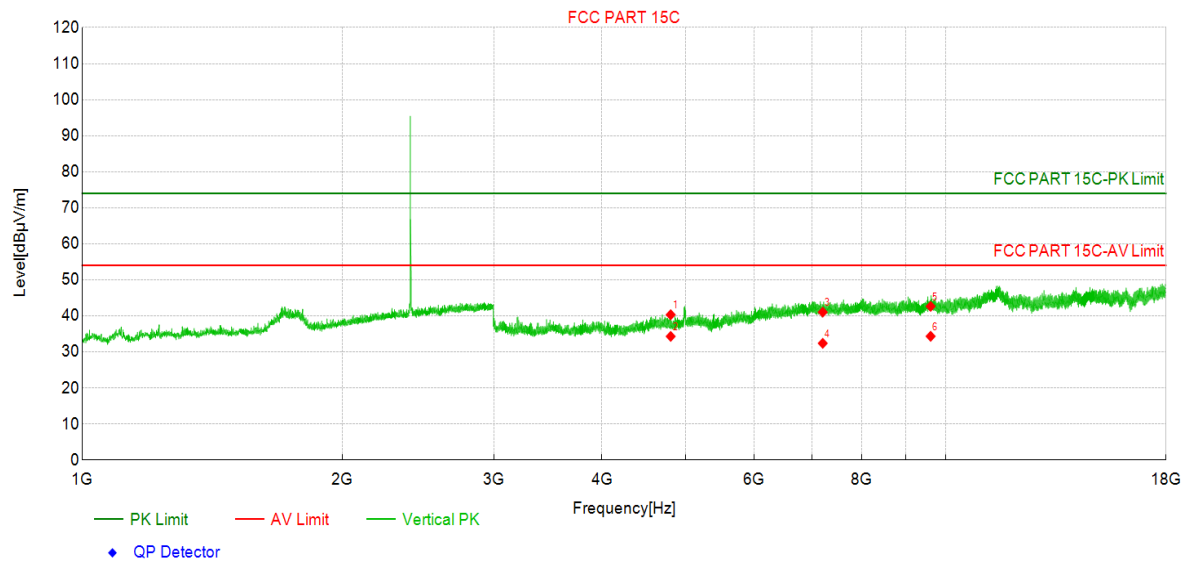


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.9	37.97	-8.960	74.00	36.03	PK	Horizo	PASS
2	4804.00	39.6	30.65	-8.960	54.00	23.35	AV	Horizo	PASS
3	7206.00	35.5	33.39	-2.130	54.00	20.61	AV	Horizo	PASS
4	7206.00	44.5	42.37	-2.130	74.00	31.63	PK	Horizo	PASS
5	9608.00	42.6	43.35	0.760	74.00	30.65	PK	Horizo	PASS
6	9608.00	34.1	34.81	0.760	54.00	19.19	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

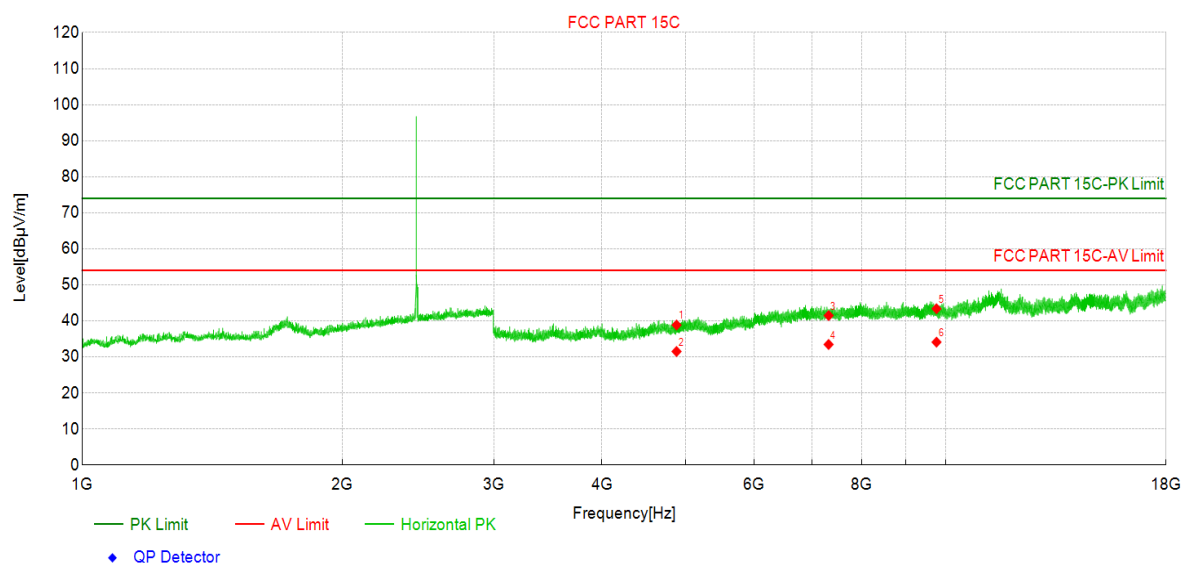


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.3	40.32	-8.960	74.00	33.68	PK	Vertic	PASS
2	4804.00	43.3	34.31	-8.960	54.00	19.69	AV	Vertic	PASS
3	7206.00	43.2	41.04	-2.130	74.00	32.96	PK	Vertic	PASS
4	7206.00	34.5	32.40	-2.130	54.00	21.60	AV	Vertic	PASS
5	9608.00	41.9	42.64	0.760	74.00	31.36	PK	Vertic	PASS
6	9608.00	33.6	34.34	0.760	54.00	19.66	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

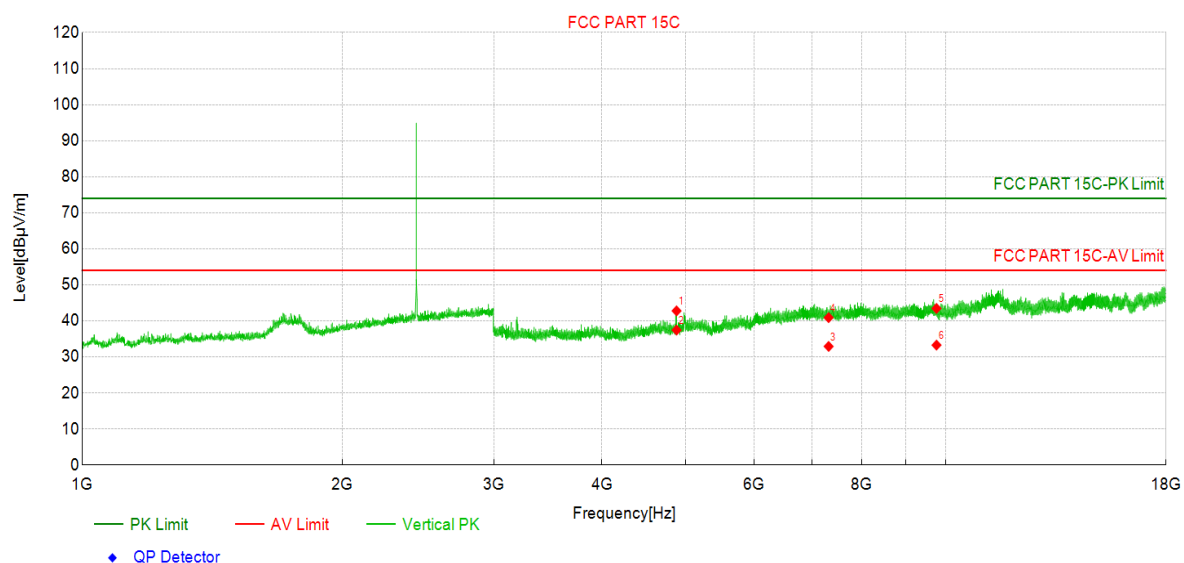


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	47.5	38.86	-8.590	74.00	35.14	PK	Horizo	PASS
2	4880.00	40.1	31.51	-8.590	54.00	22.49	AV	Horizo	PASS
3	7320.00	43.4	41.48	-1.890	74.00	32.52	PK	Horizo	PASS
4	7320.00	35.4	33.46	-1.890	54.00	20.54	AV	Horizo	PASS
5	9760.00	42.6	43.38	0.830	74.00	30.62	PK	Horizo	PASS
6	9760.00	33.3	34.11	0.830	54.00	19.89	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

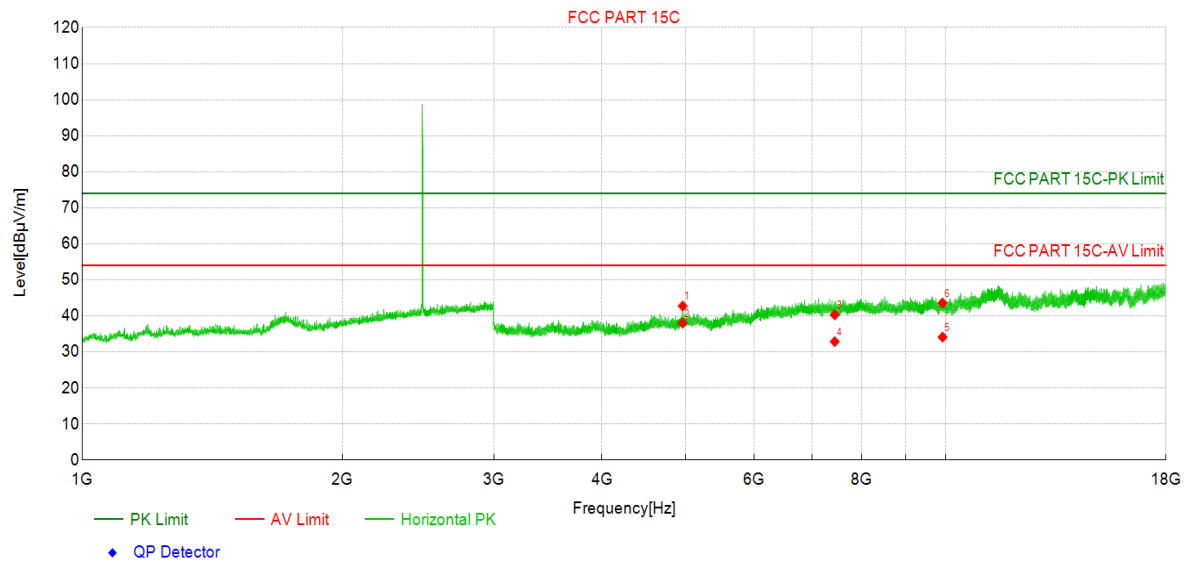


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	51.4	42.78	-8.590	74.00	31.22	PK	Vertic	PASS
2	4880.00	46.0	37.45	-8.590	54.00	16.55	AV	Vertic	PASS
3	7320.00	34.8	32.92	-1.890	54.00	21.08	AV	Vertic	PASS
4	7320.00	42.8	40.91	-1.890	74.00	33.09	PK	Vertic	PASS
5	9760.00	42.6	43.46	0.830	74.00	30.54	PK	Vertic	PASS
6	9760.00	32.5	33.28	0.830	54.00	20.72	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

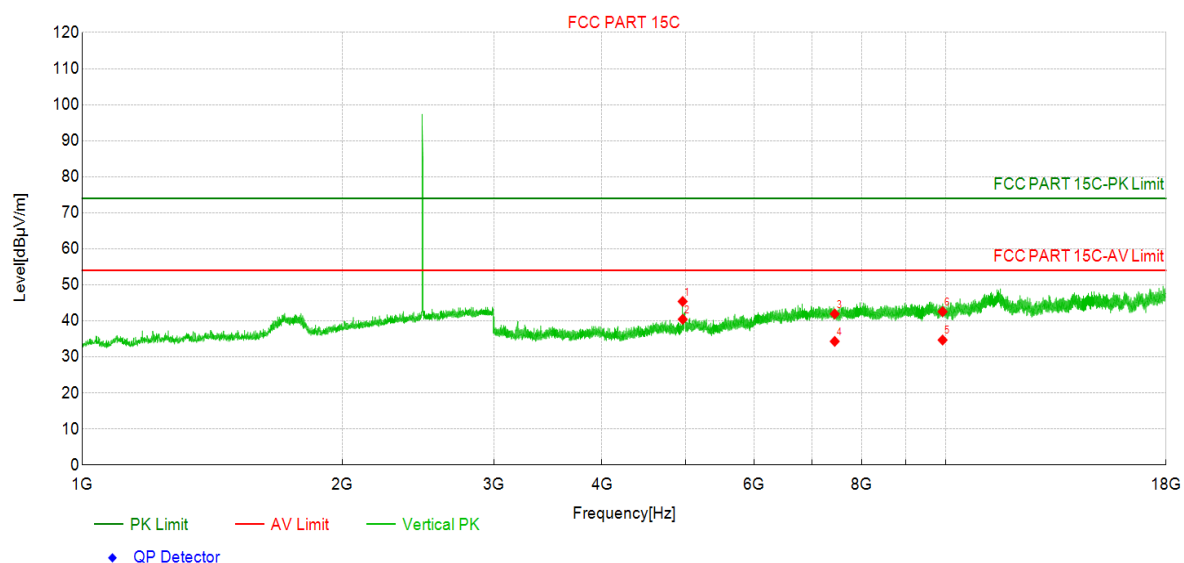


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.50	51.0	42.75	-8.250	74.00	31.25	PK	Horizo	PASS
2	4960.50	46.2	37.99	-8.250	54.00	16.01	AV	Horizo	PASS
3	7440.00	42.0	40.30	-1.690	74.00	33.70	PK	Horizo	PASS
4	7440.00	34.6	32.87	-1.690	54.00	21.13	AV	Horizo	PASS
5	9920.00	32.4	34.12	1.690	54.00	19.88	AV	Horizo	PASS
6	9920.00	41.9	43.57	1.690	74.00	30.43	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

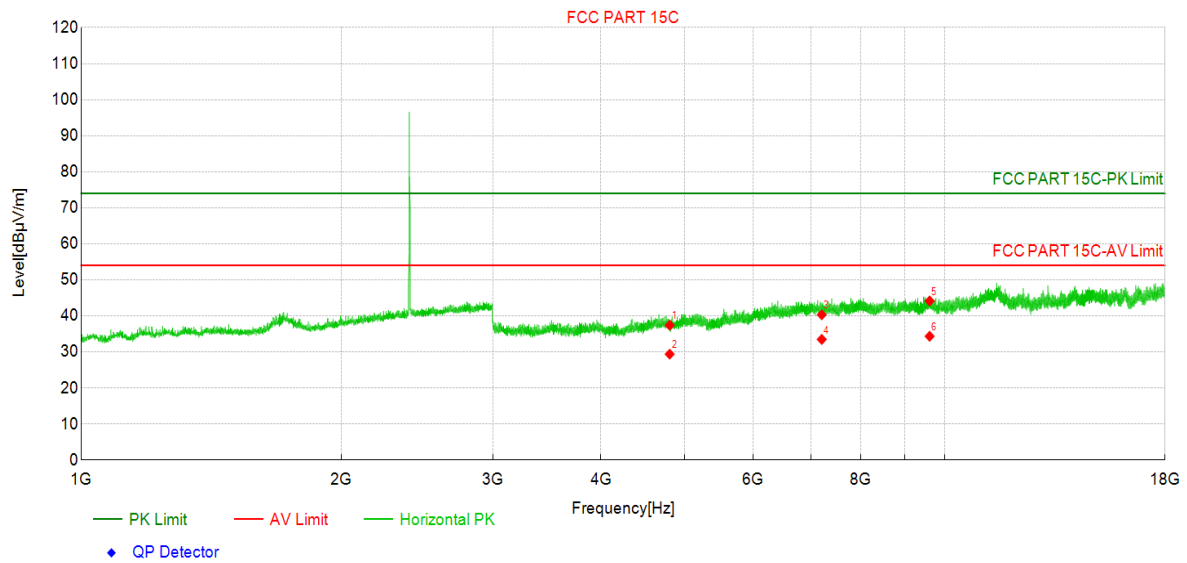


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	53.6	45.39	-8.250	74.00	28.61	PK	Vertic	PASS
2	4960.50	48.7	40.44	-8.250	54.00	13.56	AV	Vertic	PASS
3	7440.00	43.6	41.93	-1.690	74.00	32.07	PK	Vertic	PASS
4	7440.00	36.0	34.31	-1.690	54.00	19.69	AV	Vertic	PASS
5	9920.00	33.0	34.69	1.690	54.00	19.31	AV	Vertic	PASS
6	9920.00	40.9	42.58	1.690	74.00	31.42	PK	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

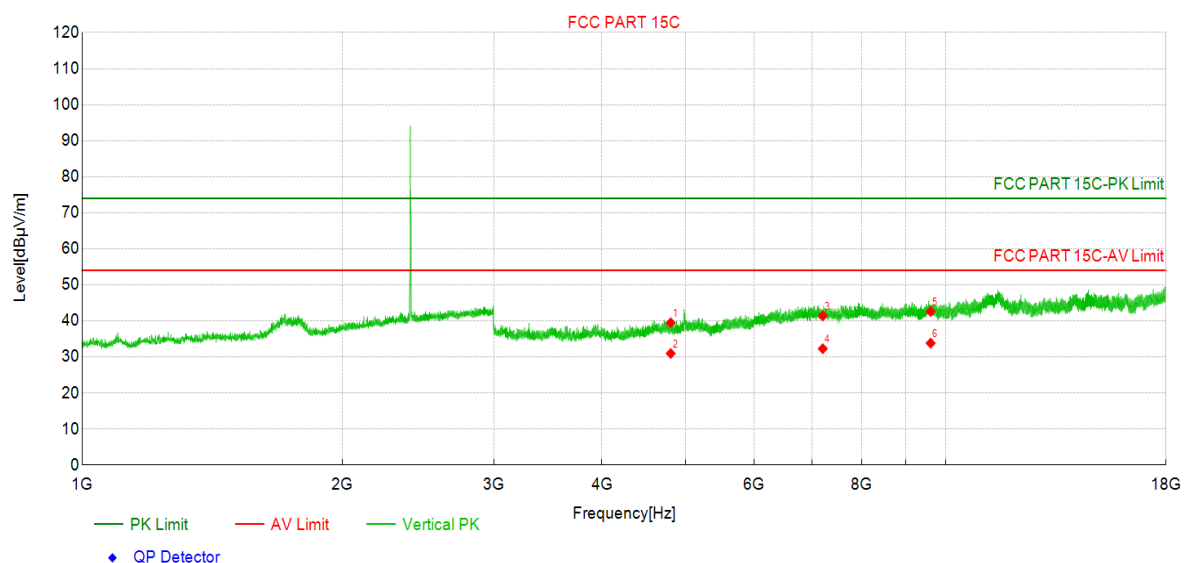


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.4	37.40	-8.960	74.00	36.60	PK	Horizo	PASS
2	4804.00	38.3	29.38	-8.960	54.00	24.62	AV	Horizo	PASS
3	7206.00	42.4	40.31	-2.130	74.00	33.69	PK	Horizo	PASS
4	7206.00	35.6	33.47	-2.130	54.00	20.53	AV	Horizo	PASS
5	9608.00	43.4	44.14	0.760	74.00	29.86	PK	Horizo	PASS
6	9608.00	33.6	34.34	0.760	54.00	19.66	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

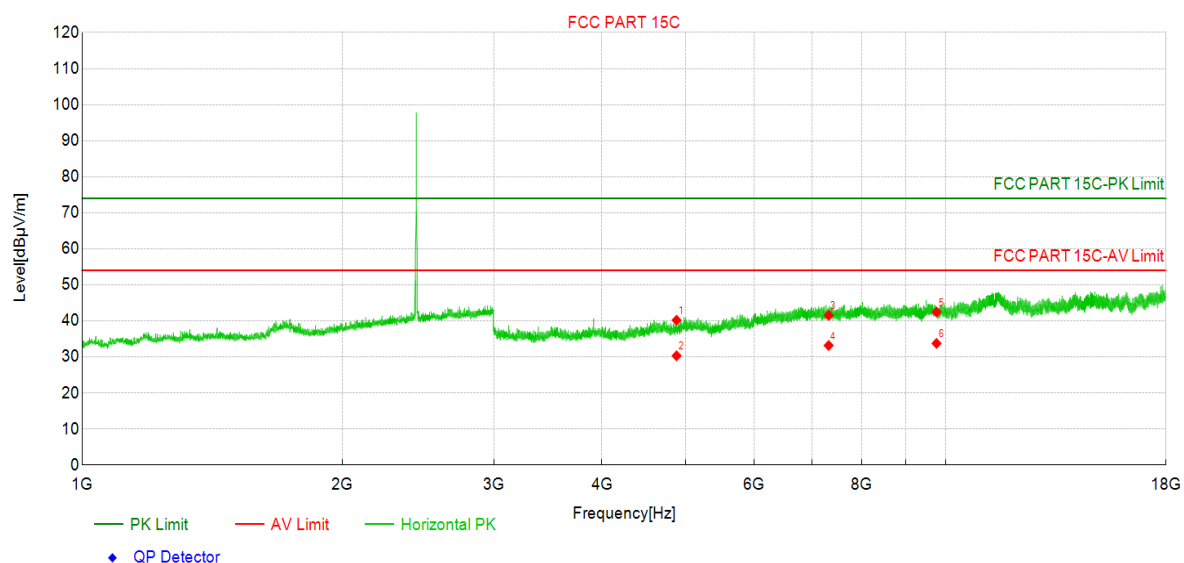


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	48.5	39.49	-8.960	74.00	34.51	PK	Vertic	PASS
2	4804.00	39.9	30.97	-8.960	54.00	23.03	AV	Vertic	PASS
3	7206.00	43.5	41.40	-2.130	74.00	32.60	PK	Vertic	PASS
4	7206.00	34.4	32.29	-2.130	54.00	21.71	AV	Vertic	PASS
5	9608.00	41.8	42.60	0.760	74.00	31.40	PK	Vertic	PASS
6	9608.00	33.1	33.82	0.760	54.00	20.18	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

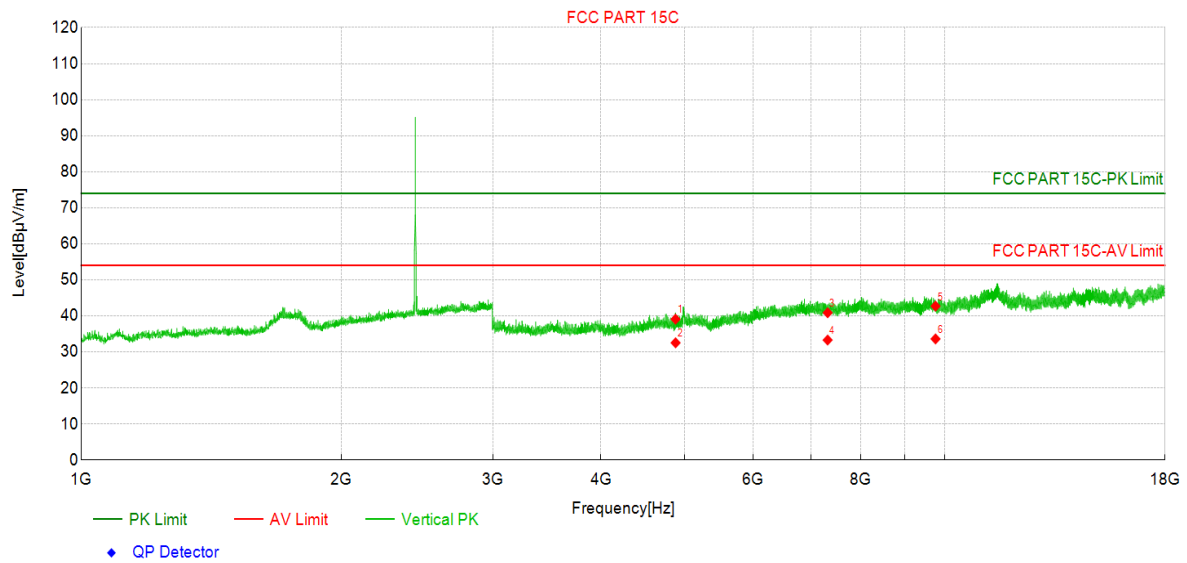


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	48.8	40.19	-8.590	74.00	33.81	PK	Horizo	PASS
2	4880.00	38.9	30.32	-8.590	54.00	23.68	AV	Horizo	PASS
3	7320.00	43.4	41.54	-1.890	74.00	32.46	PK	Horizo	PASS
4	7320.00	35.1	33.18	-1.890	54.00	20.82	AV	Horizo	PASS
5	9760.00	41.6	42.47	0.830	74.00	31.53	PK	Horizo	PASS
6	9760.00	32.9	33.76	0.830	54.00	20.24	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

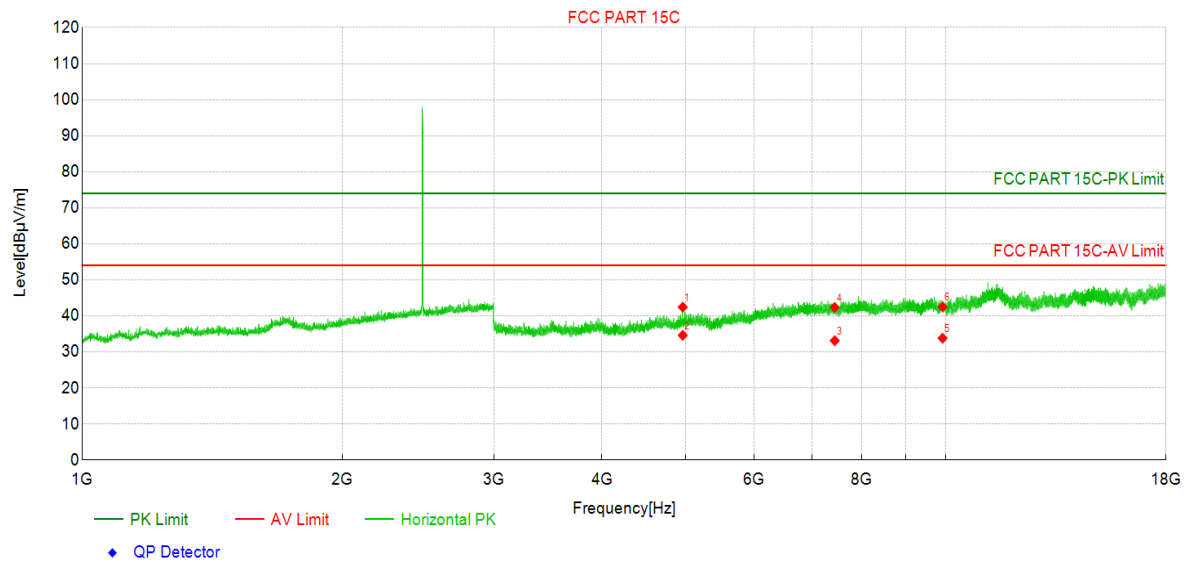


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	47.7	39.09	-8.590	74.00	34.91	PK	Vertic	PASS
2	4880.00	41.1	32.53	-8.590	54.00	21.47	AV	Vertic	PASS
3	7320.00	42.8	40.87	-1.890	74.00	33.13	PK	Vertic	PASS
4	7320.00	35.2	33.30	-1.890	54.00	20.70	AV	Vertic	PASS
5	9760.00	41.9	42.70	0.830	74.00	31.30	PK	Vertic	PASS
6	9760.00	32.8	33.61	0.830	54.00	20.39	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

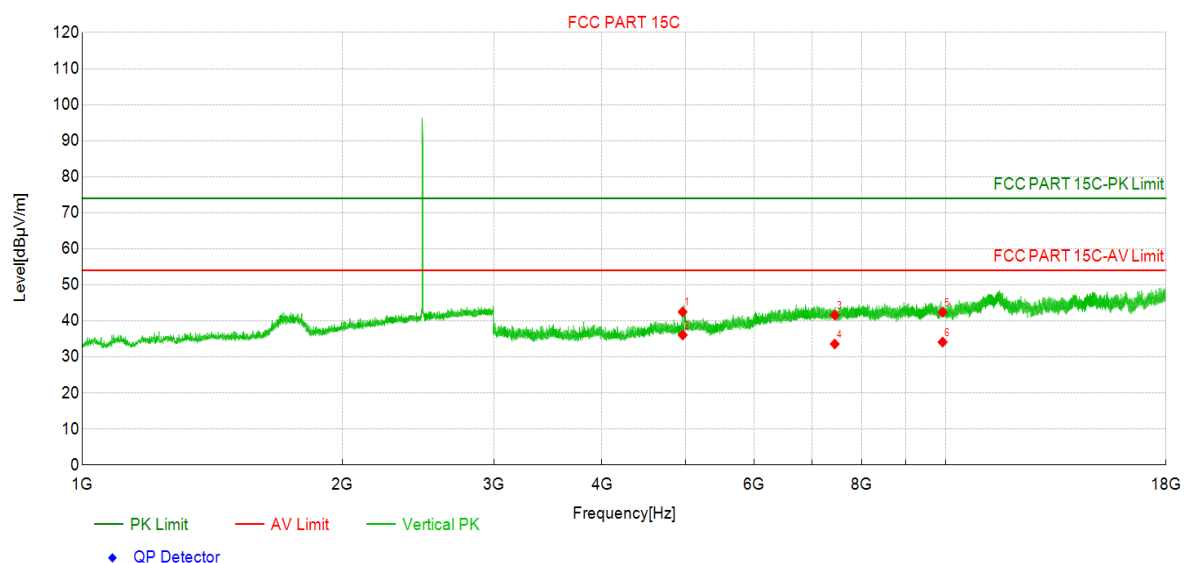


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4961.00	50.7	42.43	-8.250	74.00	31.57	PK	Horizo	PASS
2	4961.00	42.9	34.61	-8.250	54.00	19.39	AV	Horizo	PASS
3	7440.00	34.8	33.13	-1.690	54.00	20.87	AV	Horizo	PASS
4	7440.00	44.0	42.35	-1.690	74.00	31.65	PK	Horizo	PASS
5	9920.00	32.1	33.81	1.690	54.00	20.19	AV	Horizo	PASS
6	9920.00	40.8	42.50	1.690	74.00	31.50	PK	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

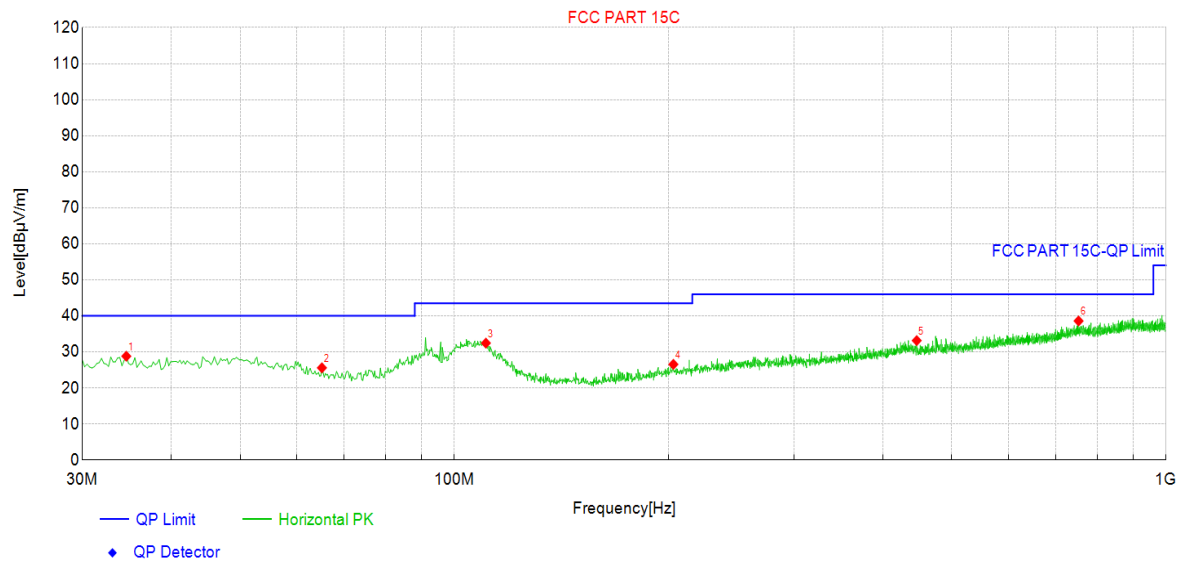


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4959.00	50.8	42.50	-8.250	74.00	31.50	PK	Vertic	PASS
2	4961.00	44.3	36.09	-8.250	54.00	17.91	AV	Vertic	PASS
3	7440.00	43.3	41.60	-1.690	74.00	32.40	PK	Vertic	PASS
4	7440.00	35.3	33.59	-1.690	54.00	20.41	AV	Vertic	PASS
5	9920.00	40.7	42.38	1.690	74.00	31.62	PK	Vertic	PASS
6	9920.00	32.4	34.11	1.690	54.00	19.89	AV	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

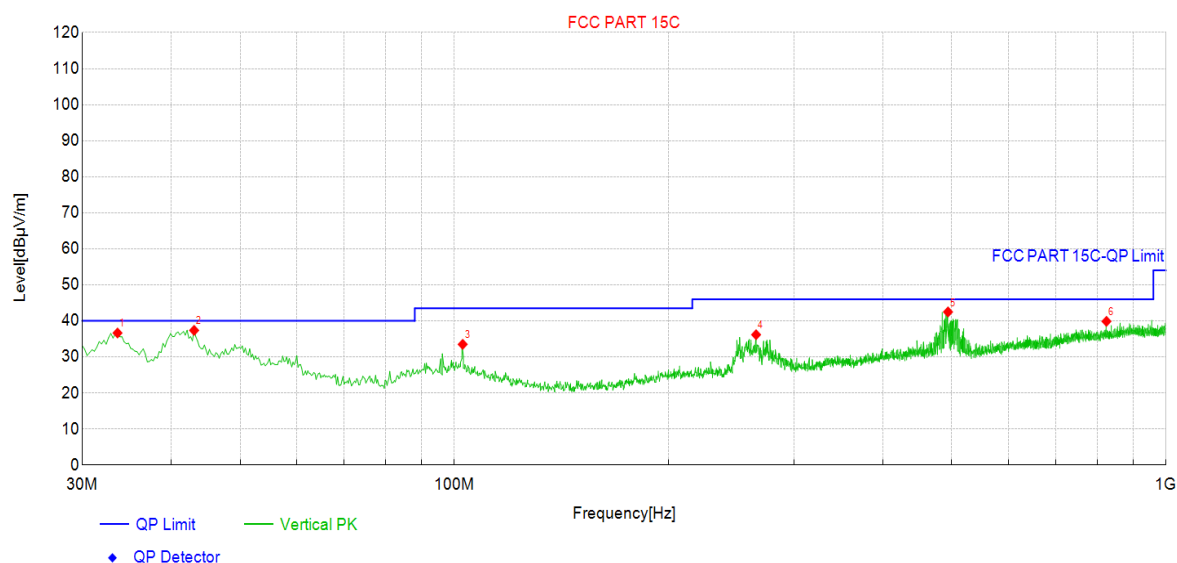


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	34.61	15.8	28.81	13.050	40.00	11.19	PK	Horizo	PASS
2	65.16	14.2	25.59	11.390	40.00	14.41	PK	Horizo	PASS
3	110.75	20.3	32.45	12.120	43.50	11.05	PK	Horizo	PASS
4	203.15	14.6	26.55	11.910	43.50	16.95	PK	Horizo	PASS
5	446.37	16.4	33.15	16.730	46.00	12.85	PK	Horizo	PASS
6	753.62	17.1	38.59	21.510	46.00	7.41	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

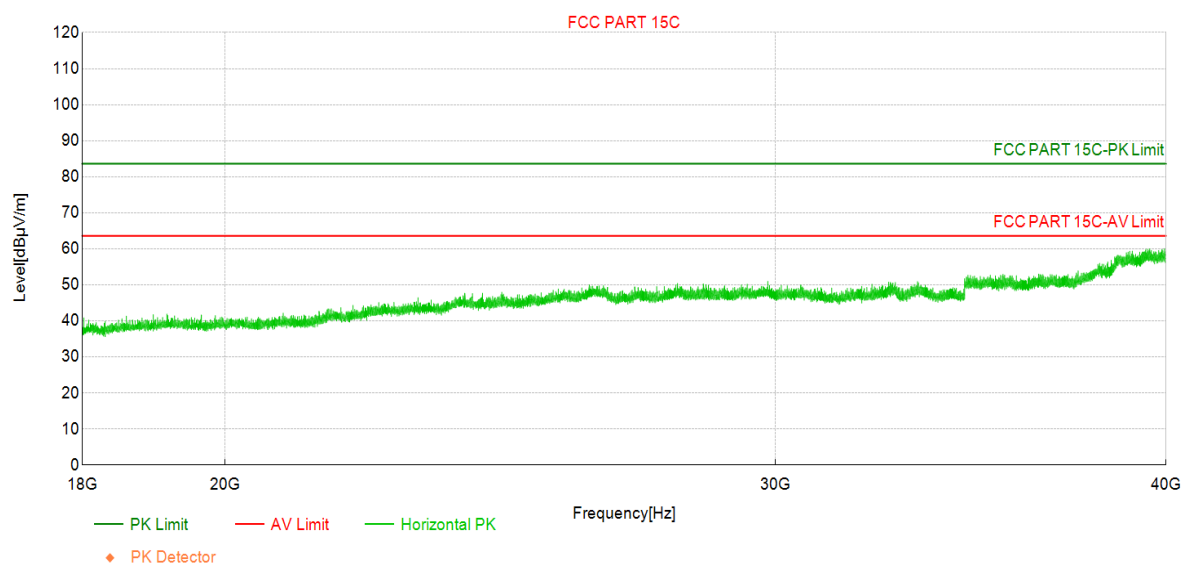
Test Graph

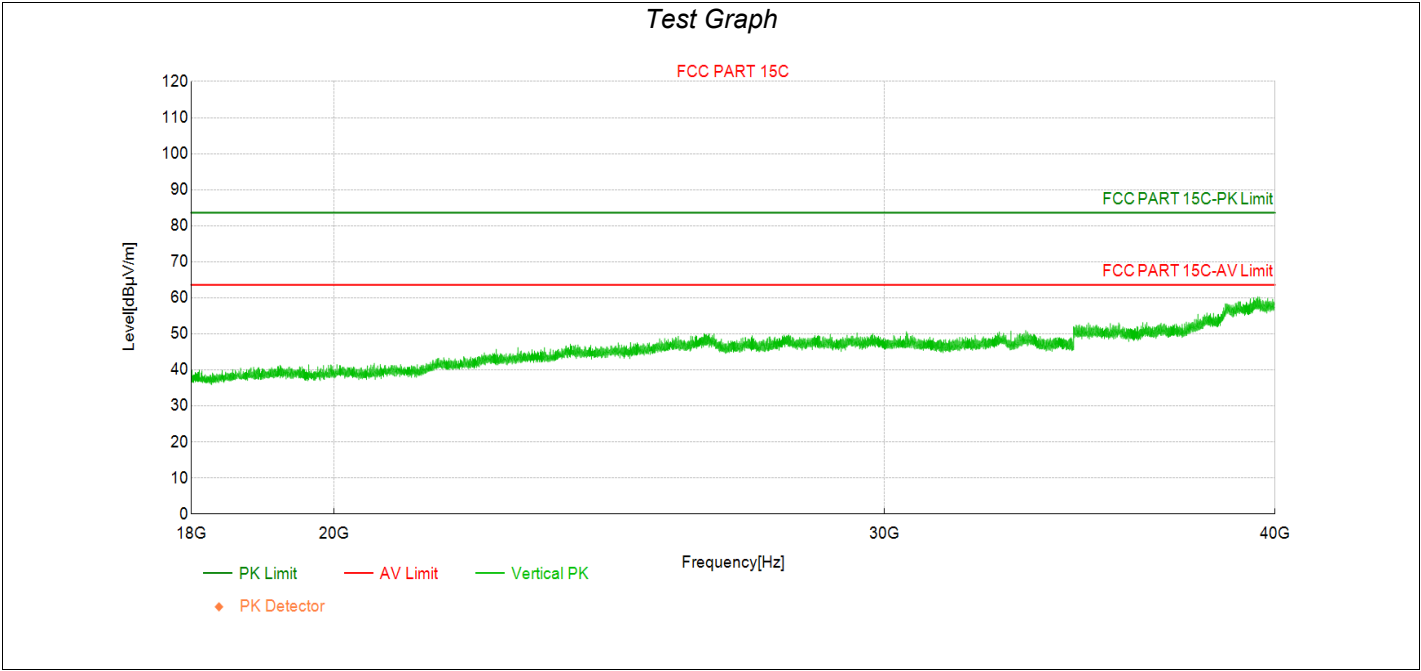


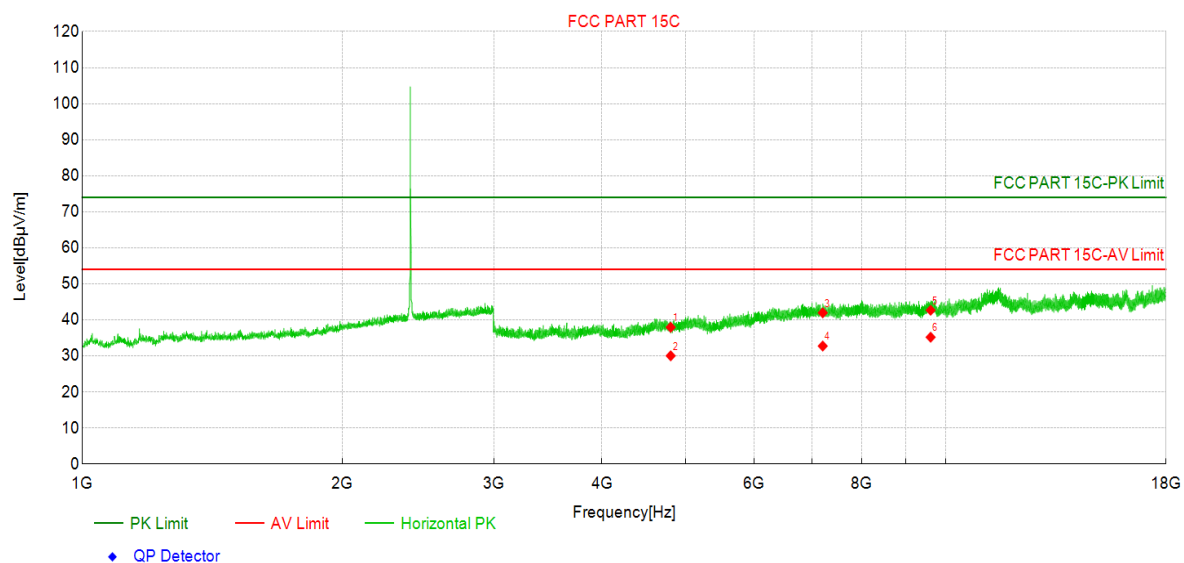
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	33.64	23.6	36.64	13.020	40.00	3.36	PK	Vertic	PASS
2	43.10	23.1	37.37	14.310	40.00	2.63	PK	Vertic	PASS
3	102.75	21.0	33.50	12.460	43.50	10.00	PK	Vertic	PASS
4	265.47	22.7	36.17	13.430	46.00	9.83	PK	Vertic	PASS
5	493.90	25.0	42.48	17.520	46.00	3.52	PK	Vertic	PASS
6	824.67	17.9	39.87	21.970	46.00	6.13	PK	Vertic	PASS

Test Graph



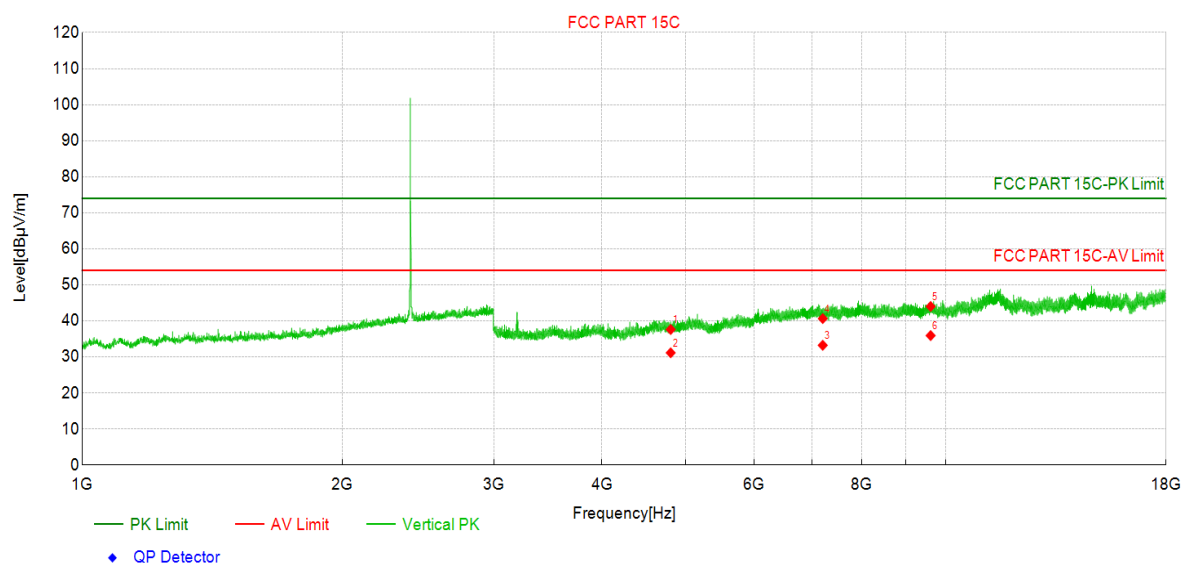


AWAN Antenna:**Transmit at 2402MHz by LE_1Mbps****Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.9	37.95	-8.960	74.00	36.05	PK	Horizo	PASS
2	4804.00	39.0	30.04	-8.960	54.00	23.96	AV	Horizo	PASS
3	7206.00	44.1	41.97	-2.130	74.00	32.03	PK	Horizo	PASS
4	7206.00	34.9	32.75	-2.130	54.00	21.25	AV	Horizo	PASS
5	9608.00	41.9	42.66	0.760	74.00	31.34	PK	Horizo	PASS
6	9608.00	34.4	35.20	0.760	54.00	18.80	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

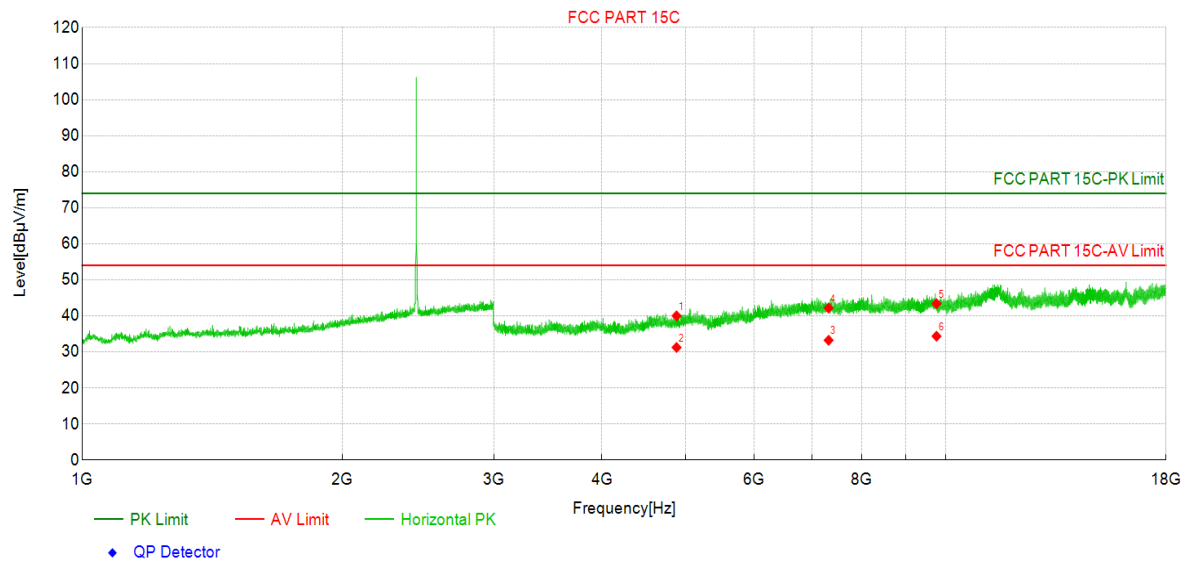


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.6	37.62	-8.960	74.00	36.38	PK	Vertic	PASS
2	4804.00	40.1	31.15	-8.960	54.00	22.85	AV	Vertic	PASS
3	7206.00	35.4	33.23	-2.130	54.00	20.77	AV	Vertic	PASS
4	7206.00	42.8	40.65	-2.130	74.00	33.35	PK	Vertic	PASS
5	9608.00	43.3	44.01	0.760	74.00	29.99	PK	Vertic	PASS
6	9608.00	35.2	35.93	0.760	54.00	18.07	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

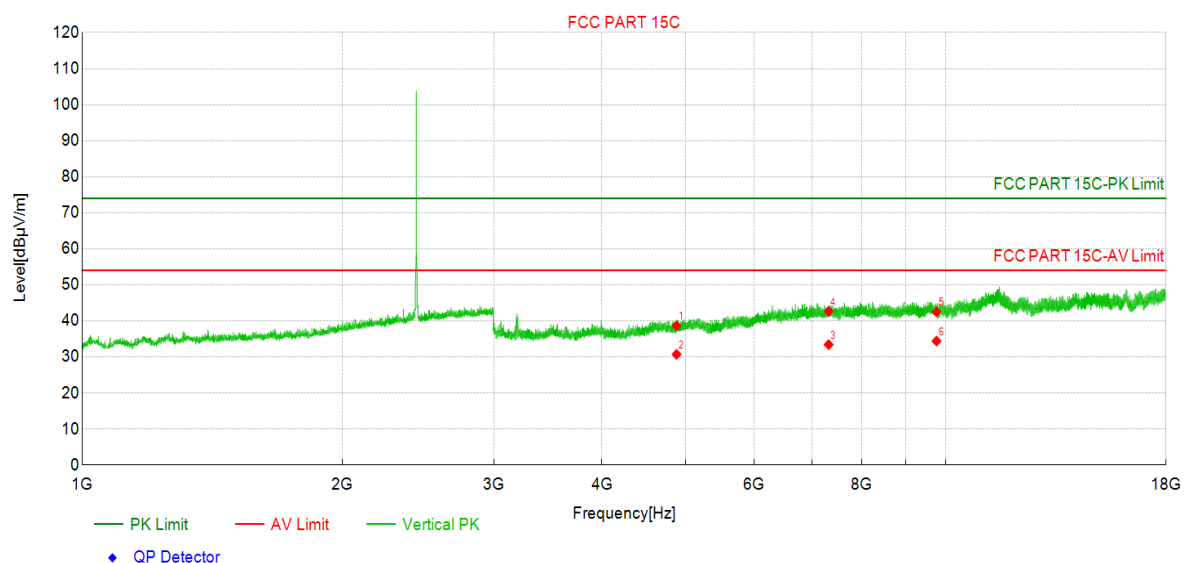


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	48.6	40.01	-8.590	74.00	33.99	PK	Horizo	PASS
2	4880.00	39.8	31.24	-8.590	54.00	22.76	AV	Horizo	PASS
3	7320.00	35.1	33.24	-1.890	54.00	20.76	AV	Horizo	PASS
4	7320.00	44.1	42.19	-1.890	74.00	31.81	PK	Horizo	PASS
5	9760.00	42.6	43.40	0.830	74.00	30.60	PK	Horizo	PASS
6	9760.00	33.5	34.36	0.830	54.00	19.64	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps

Test Graph

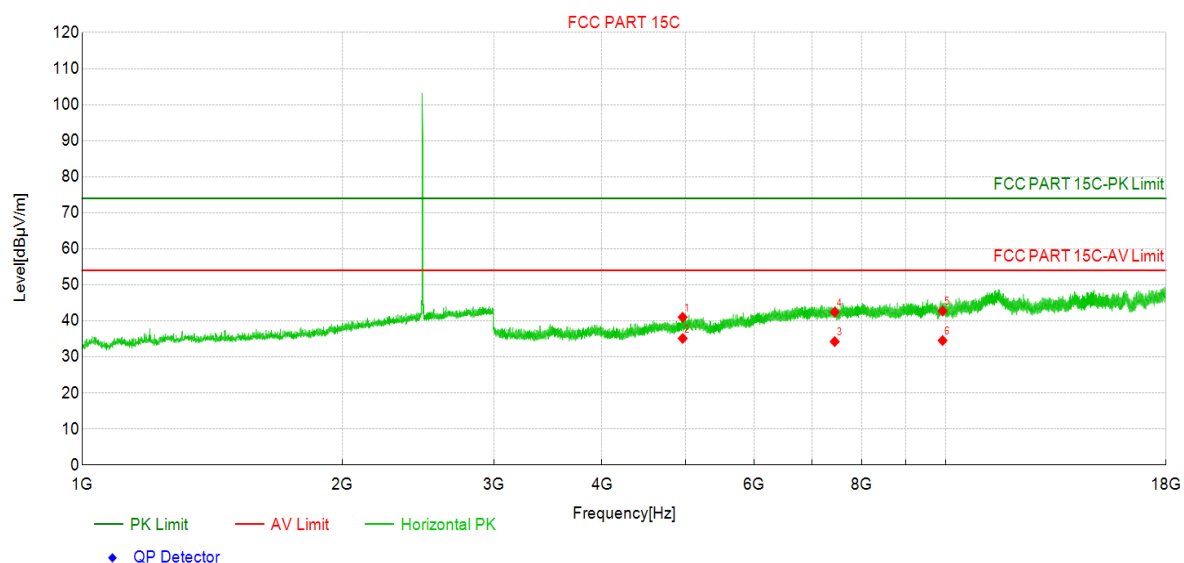


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	47.2	38.63	-8.590	74.00	35.37	PK	Vertic	PASS
2	4880.00	39.3	30.72	-8.590	54.00	23.28	AV	Vertic	PASS
3	7320.00	35.3	33.40	-1.890	54.00	20.60	AV	Vertic	PASS
4	7320.00	44.6	42.66	-1.890	74.00	31.34	PK	Vertic	PASS
5	9760.00	41.7	42.51	0.830	74.00	31.49	PK	Vertic	PASS
6	9760.00	33.6	34.40	0.830	54.00	19.60	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

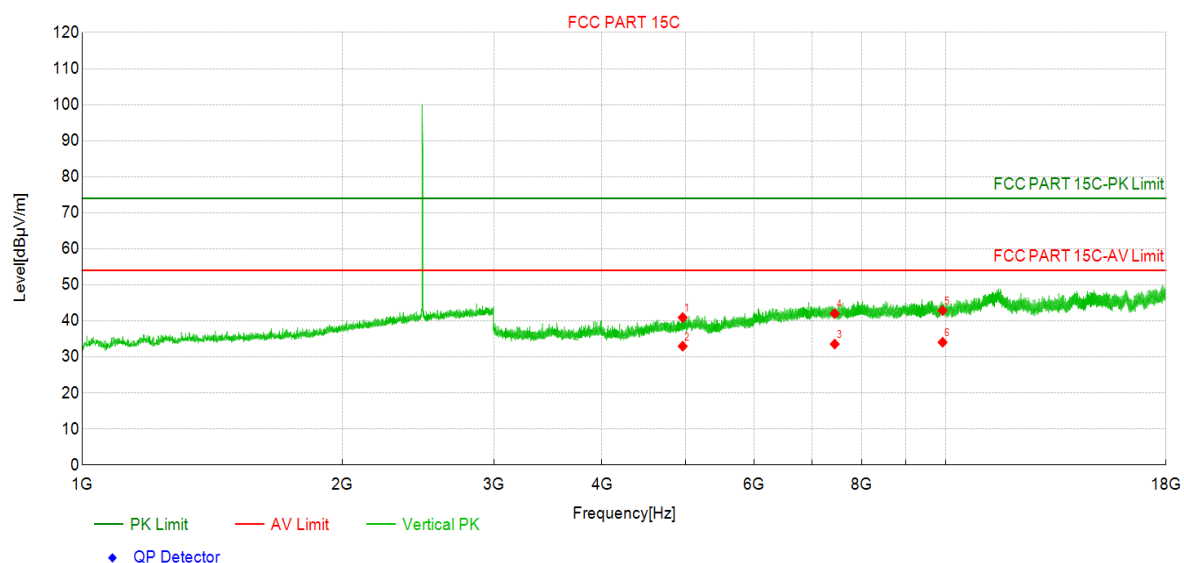


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	49.3	41.02	-8.250	74.00	32.98	PK	Horizo	PASS
2	4960.00	43.4	35.12	-8.250	54.00	18.88	AV	Horizo	PASS
3	7440.00	35.9	34.25	-1.690	54.00	19.75	AV	Horizo	PASS
4	7440.00	44.2	42.46	-1.690	74.00	31.54	PK	Horizo	PASS
5	9920.00	41.1	42.75	1.690	74.00	31.25	PK	Horizo	PASS
6	9920.00	32.9	34.56	1.690	54.00	19.44	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

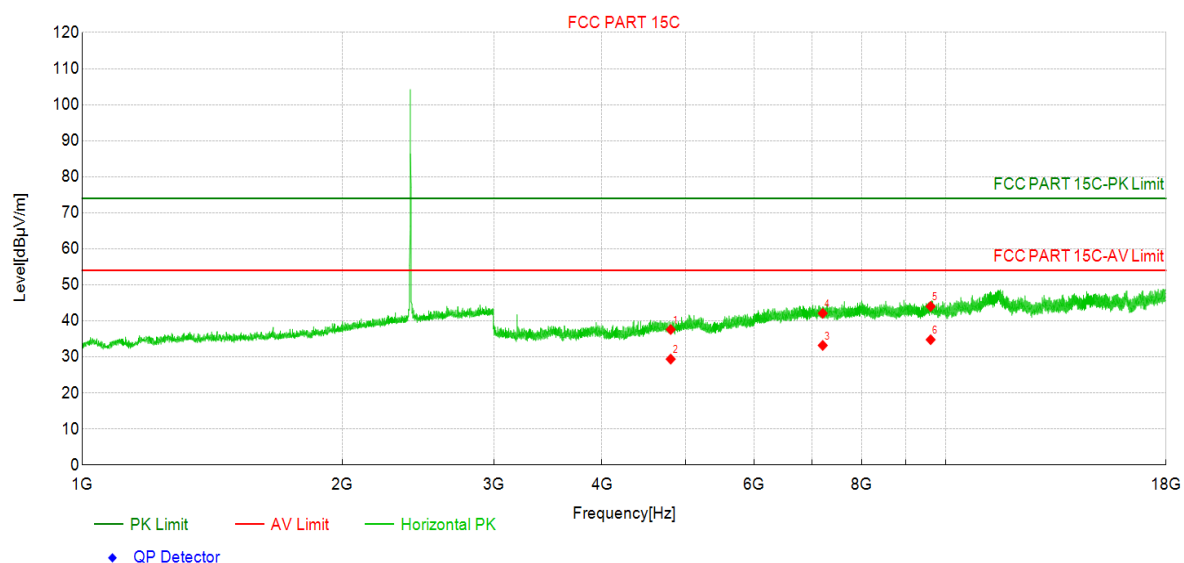


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	49.2	40.93	-8.250	74.00	33.07	PK	Vertic	PASS
2	4960.00	41.2	32.98	-8.250	54.00	21.02	AV	Vertic	PASS
3	7440.00	35.3	33.56	-1.690	54.00	20.44	AV	Vertic	PASS
4	7440.00	43.7	42.03	-1.690	74.00	31.97	PK	Vertic	PASS
5	9920.00	41.2	42.88	1.690	74.00	31.12	PK	Vertic	PASS
6	9920.00	32.4	34.07	1.690	54.00	19.93	AV	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

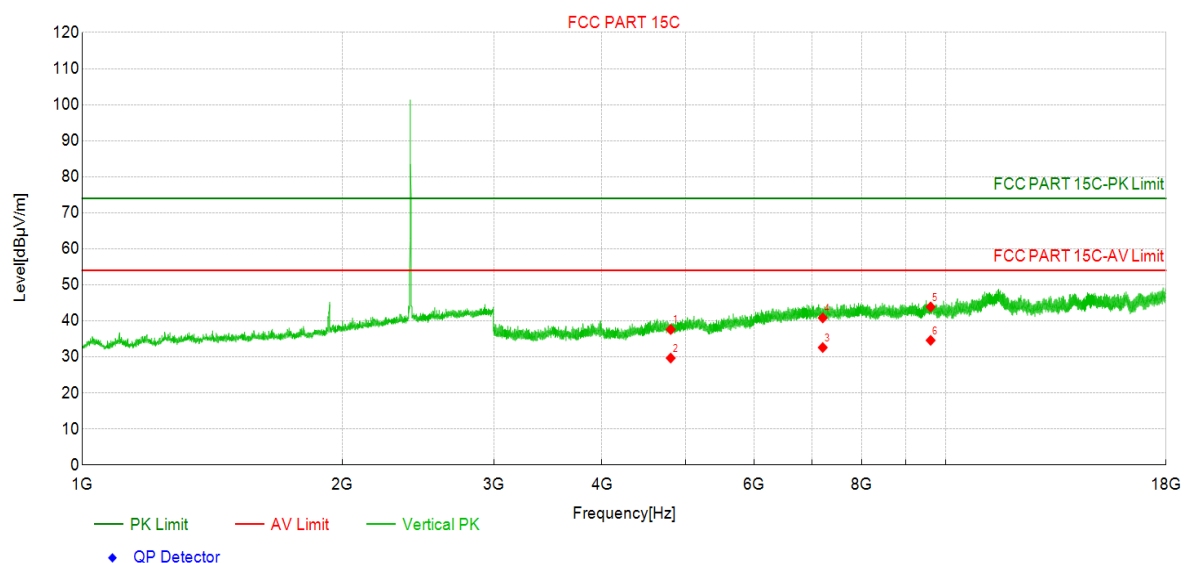


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.6	37.60	-8.960	74.00	36.40	PK	Horizo	PASS
2	4804.00	38.4	29.39	-8.960	54.00	24.61	AV	Horizo	PASS
3	7206.00	35.3	33.20	-2.130	54.00	20.80	AV	Horizo	PASS
4	7206.00	44.2	42.11	-2.130	74.00	31.89	PK	Horizo	PASS
5	9608.00	43.3	44.02	0.760	74.00	29.98	PK	Horizo	PASS
6	9608.00	34.0	34.78	0.760	54.00	19.22	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

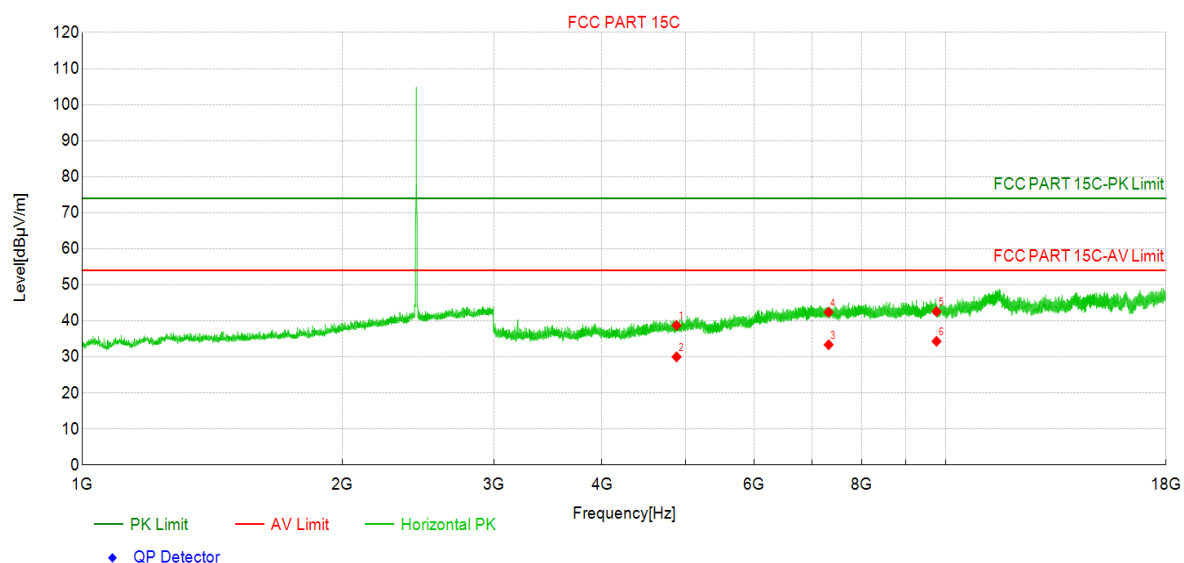


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	46.6	37.62	-8.960	74.00	36.38	PK	Vertic	PASS
2	4804.00	38.7	29.69	-8.960	54.00	24.31	AV	Vertic	PASS
3	7206.00	34.7	32.61	-2.130	54.00	21.39	AV	Vertic	PASS
4	7206.00	43.0	40.82	-2.130	74.00	33.18	PK	Vertic	PASS
5	9608.00	43.1	43.88	0.760	74.00	30.12	PK	Vertic	PASS
6	9608.00	33.8	34.60	0.760	54.00	19.40	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

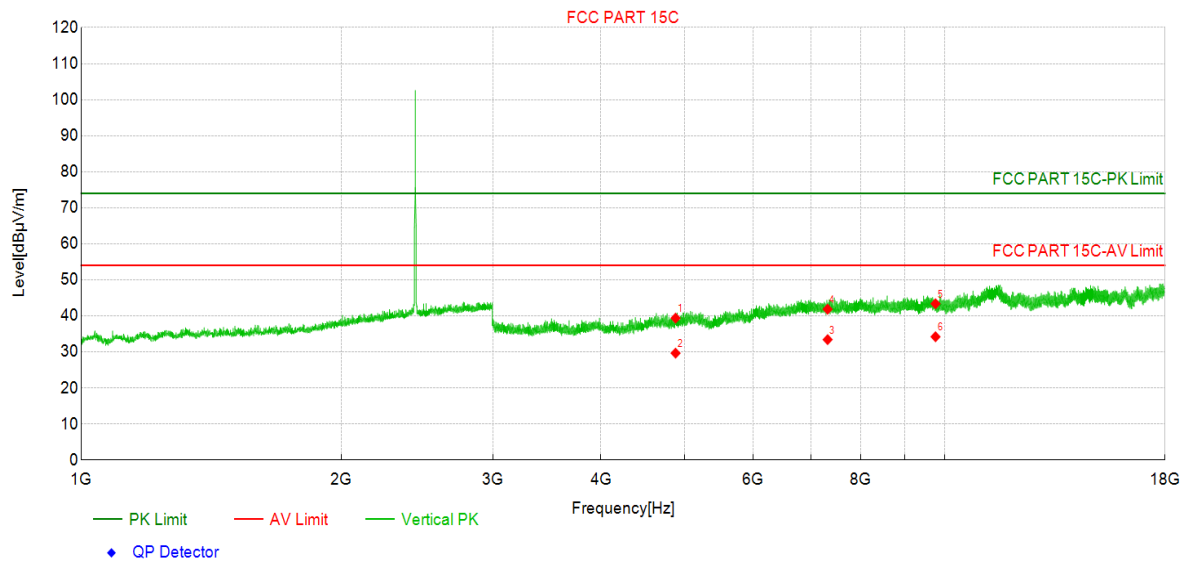


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	47.3	38.75	-8.590	74.00	35.25	PK	Horizo	PASS
2	4880.00	38.6	30.02	-8.590	54.00	23.98	AV	Horizo	PASS
3	7320.00	35.3	33.39	-1.890	54.00	20.61	AV	Horizo	PASS
4	7320.00	44.3	42.41	-1.890	74.00	31.59	PK	Horizo	PASS
5	9760.00	41.8	42.59	0.830	74.00	31.41	PK	Horizo	PASS
6	9760.00	33.5	34.33	0.830	54.00	19.67	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

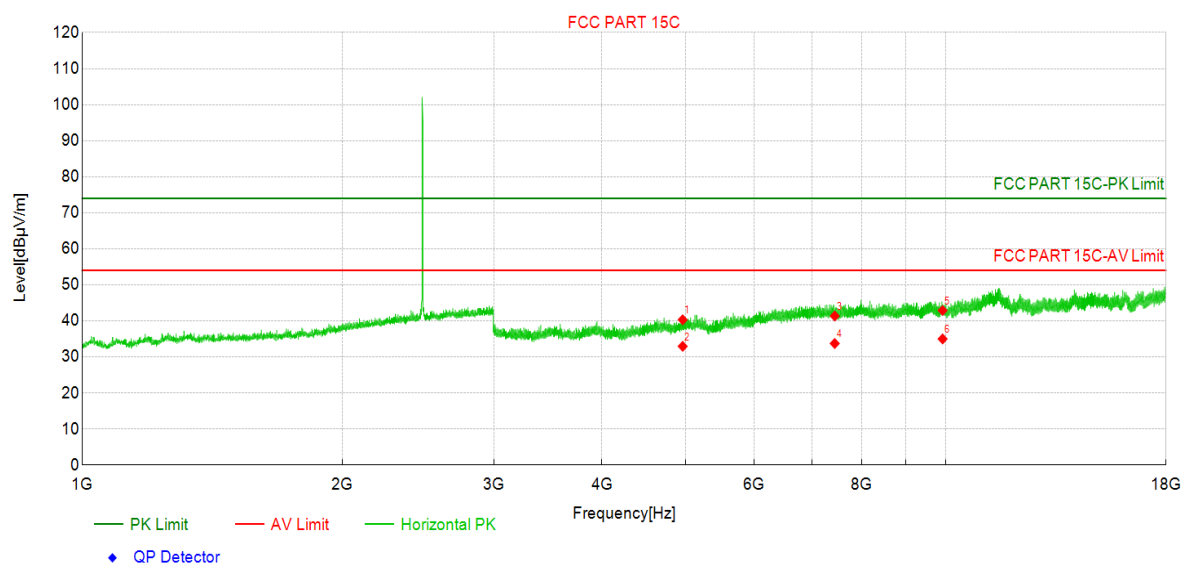


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	48.0	39.38	-8.590	74.00	34.62	PK	Vertic	PASS
2	4880.00	38.3	29.66	-8.590	54.00	24.34	AV	Vertic	PASS
3	7320.00	35.3	33.42	-1.890	54.00	20.58	AV	Vertic	PASS
4	7320.00	43.8	41.86	-1.890	74.00	32.14	PK	Vertic	PASS
5	9760.00	42.5	43.37	0.830	74.00	30.63	PK	Vertic	PASS
6	9760.00	33.4	34.21	0.830	54.00	19.79	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

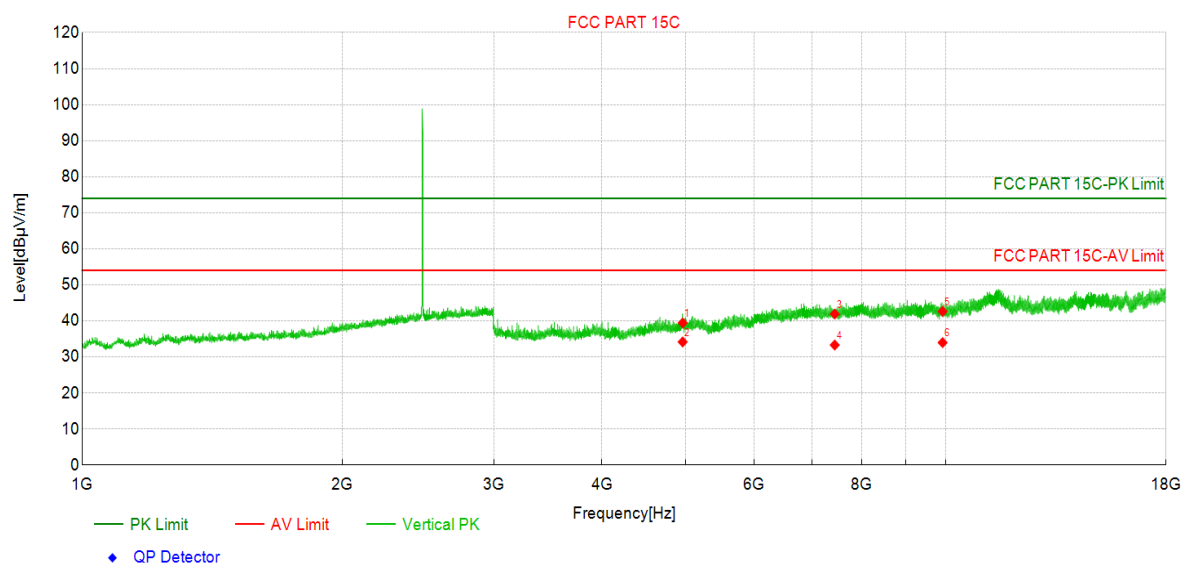


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	48.6	40.31	-8.250	74.00	33.69	PK	Horizo	PASS
2	4960.00	41.2	32.95	-8.250	54.00	21.05	AV	Horizo	PASS
3	7440.00	43.1	41.36	-1.690	74.00	32.64	PK	Horizo	PASS
4	7440.00	35.4	33.74	-1.690	54.00	20.26	AV	Horizo	PASS
5	9920.00	41.2	42.89	1.690	74.00	31.11	PK	Horizo	PASS
6	9920.00	33.3	34.99	1.690	54.00	19.01	AV	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

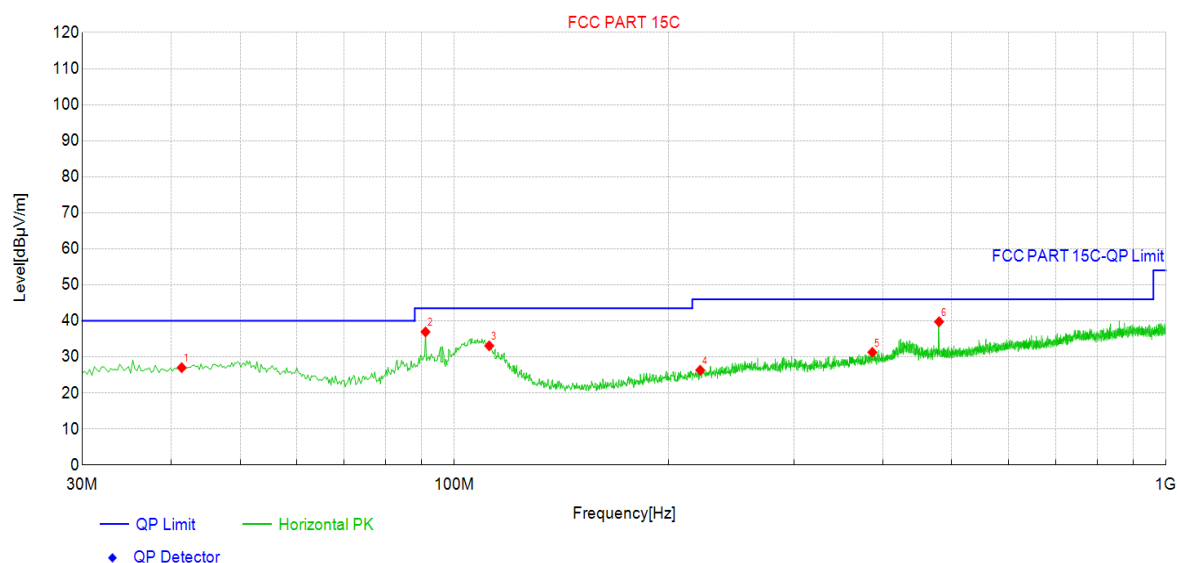


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	47.7	39.43	-8.250	74.00	34.57	PK	Vertic	PASS
2	4960.00	42.4	34.16	-8.250	54.00	19.84	AV	Vertic	PASS
3	7440.00	43.6	41.90	-1.690	74.00	32.10	PK	Vertic	PASS
4	7440.00	35.0	33.31	-1.690	54.00	20.69	AV	Vertic	PASS
5	9920.00	40.9	42.63	1.690	74.00	31.37	PK	Vertic	PASS
6	9920.00	32.3	33.97	1.690	54.00	20.03	AV	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

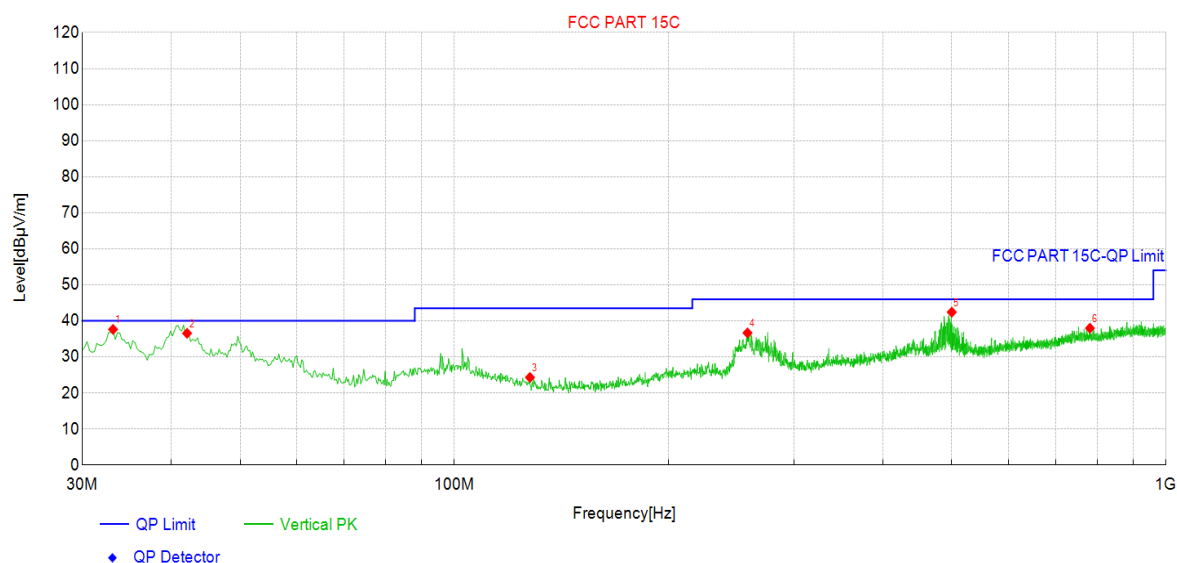


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	41.40	13.0	27.02	14.070	40.00	12.98	PK	Horizo	PASS
2	91.11	25.8	36.94	11.190	43.50	6.56	PK	Horizo	PASS
3	111.97	21.1	33.09	11.960	43.50	10.41	PK	Horizo	PASS
4	221.58	13.9	26.31	12.390	46.00	19.69	PK	Horizo	PASS
5	386.72	15.3	31.27	15.960	46.00	14.73	PK	Horizo	PASS
6	479.84	22.5	39.77	17.240	46.00	6.23	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

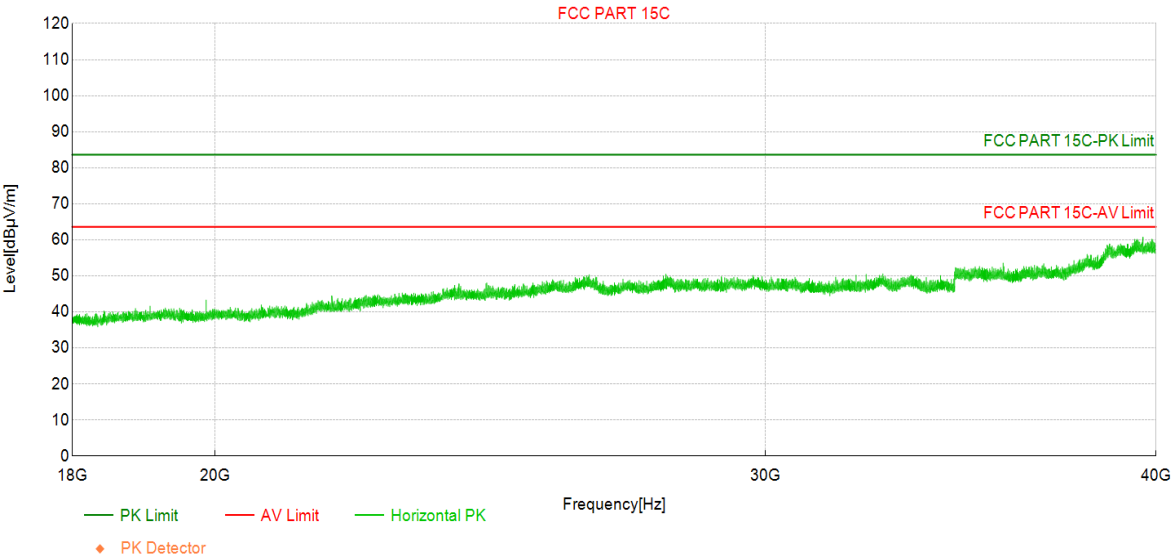
Test Graph



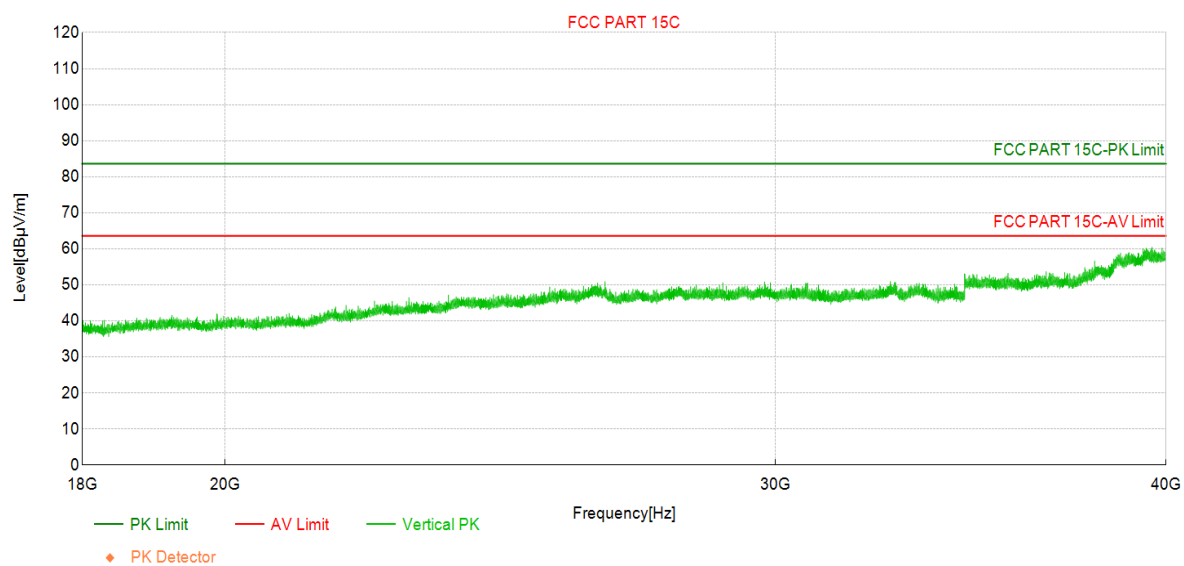
Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	33.15	24.7	37.65	13.000	40.00	2.35	PK	Vertic	PASS
2	42.13	22.4	36.56	14.170	40.00	3.44	PK	Vertic	PASS
3	127.73	14.4	24.31	9.900	43.50	19.19	PK	Vertic	PASS
4	258.19	23.3	36.66	13.350	46.00	9.34	PK	Vertic	PASS
5	499.97	24.8	42.43	17.650	46.00	3.57	PK	Vertic	PASS
6	781.75	16.5	37.98	21.500	46.00	8.02	PK	Vertic	PASS

Test Graph



Test Graph



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

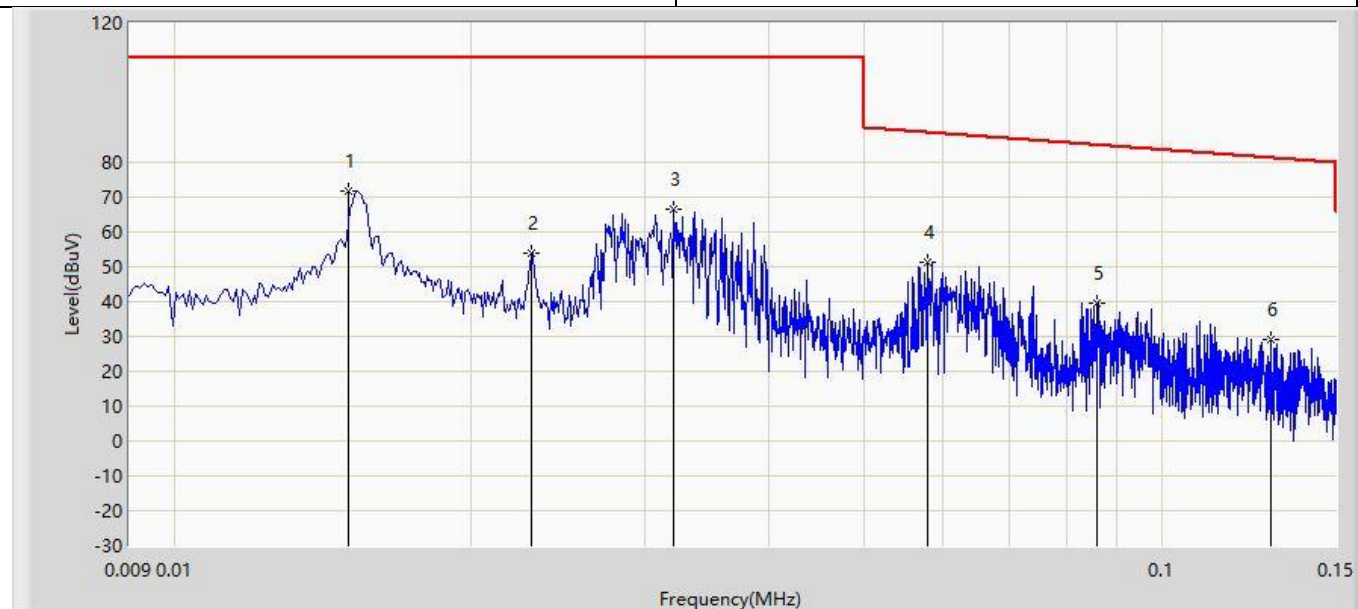
Note: In the report, for the sections below 1G and 18~40G, verification tests were only performed on the worst channel in the worst mode of the 1~18G range.

Note: All test data above 18GHz are noise base, so no data shown in this report.

AC Power Line Conducted Emission

INPAQ Antenna:

Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
Note: Transmit at 2402MHz by LE_1Mbps	Power: AC 120V/60Hz



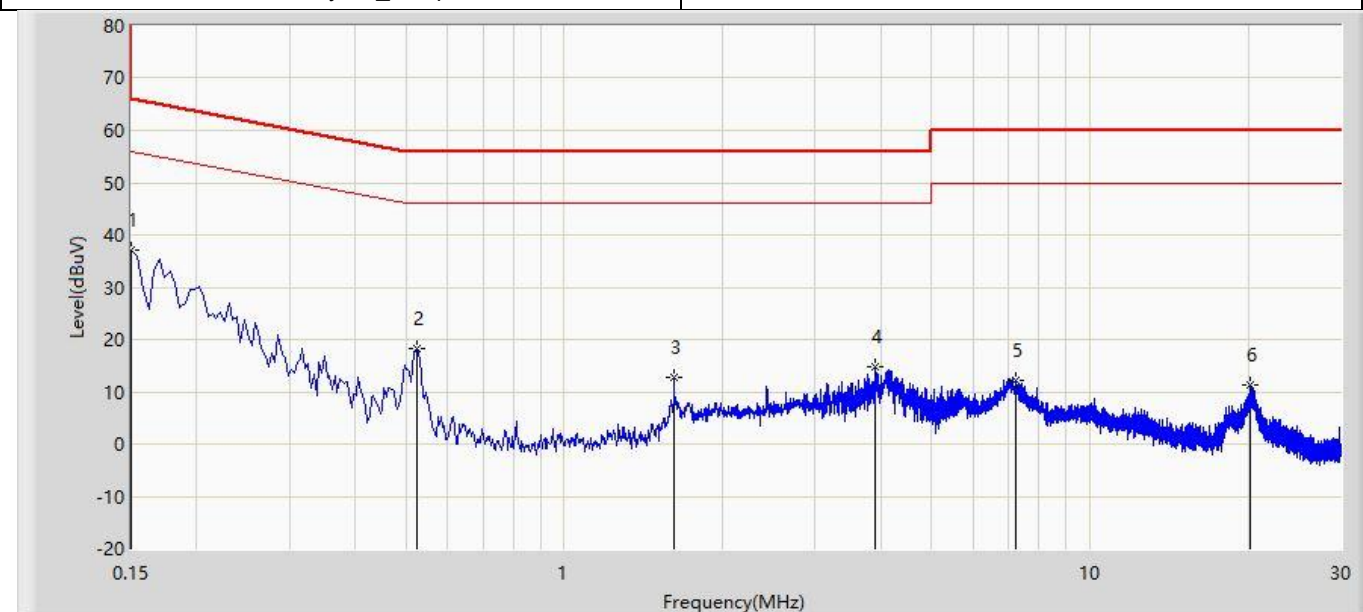
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.015	71.876	61.631	-38.124	110.000	10.245	QP
2		0.023	53.845	43.768	-56.155	110.000	10.077	QP
3		0.032	66.450	56.561	-43.550	110.000	9.889	QP
4	*	0.058	51.388	41.666	-37.261	88.649	9.722	QP
5		0.086	39.458	29.759	-45.605	85.064	9.699	QP
6		0.129	29.185	19.506	-52.188	81.373	9.679	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Line

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



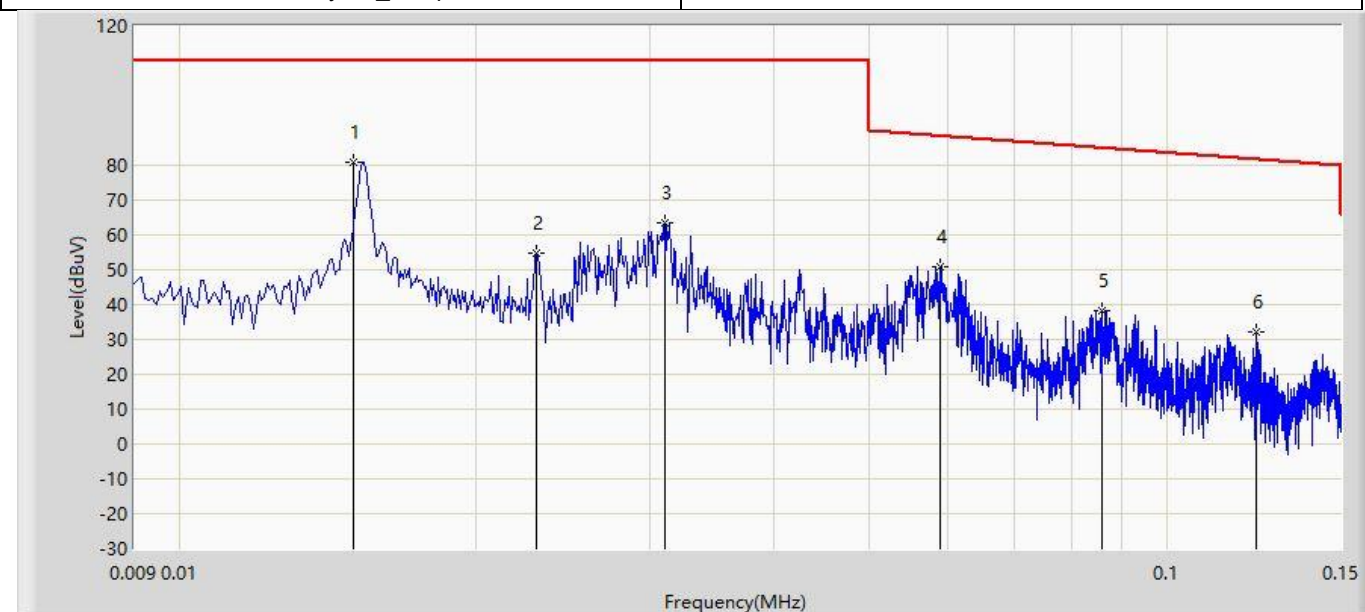
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.150	37.183	27.512	-28.817	66.000	9.672	QP
2		0.526	18.207	8.509	-37.793	56.000	9.697	QP
3		1.618	12.811	3.071	-43.189	56.000	9.741	QP
4		3.910	14.852	5.049	-41.148	56.000	9.803	QP
5		7.226	12.170	2.295	-47.830	60.000	9.876	QP
6		20.206	11.203	0.702	-48.797	60.000	10.501	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



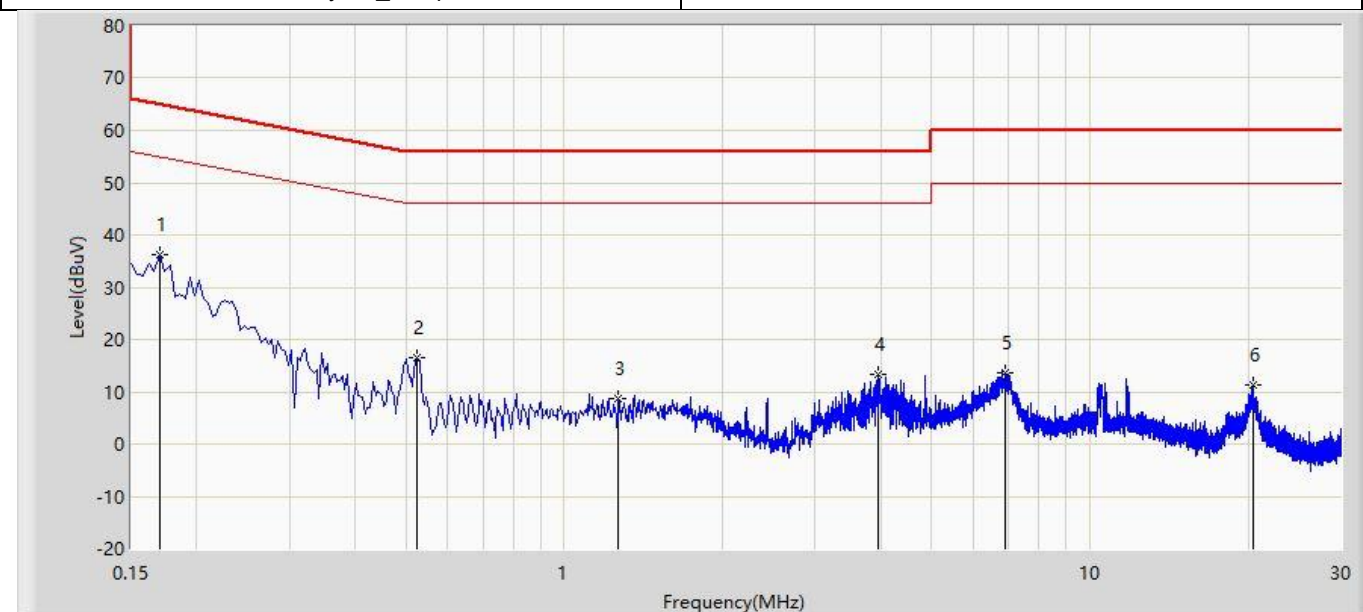
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.015	80.992	70.714	-29.008	110.000	10.278	QP
2		0.023	54.666	44.565	-55.334	110.000	10.101	QP
3		0.031	63.298	53.373	-46.702	110.000	9.925	QP
4		0.059	50.880	41.163	-37.613	88.493	9.717	QP
5		0.086	38.327	28.654	-46.736	85.064	9.673	QP
6		0.123	32.323	22.649	-49.483	81.806	9.675	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2402MHz by LE_1Mbps

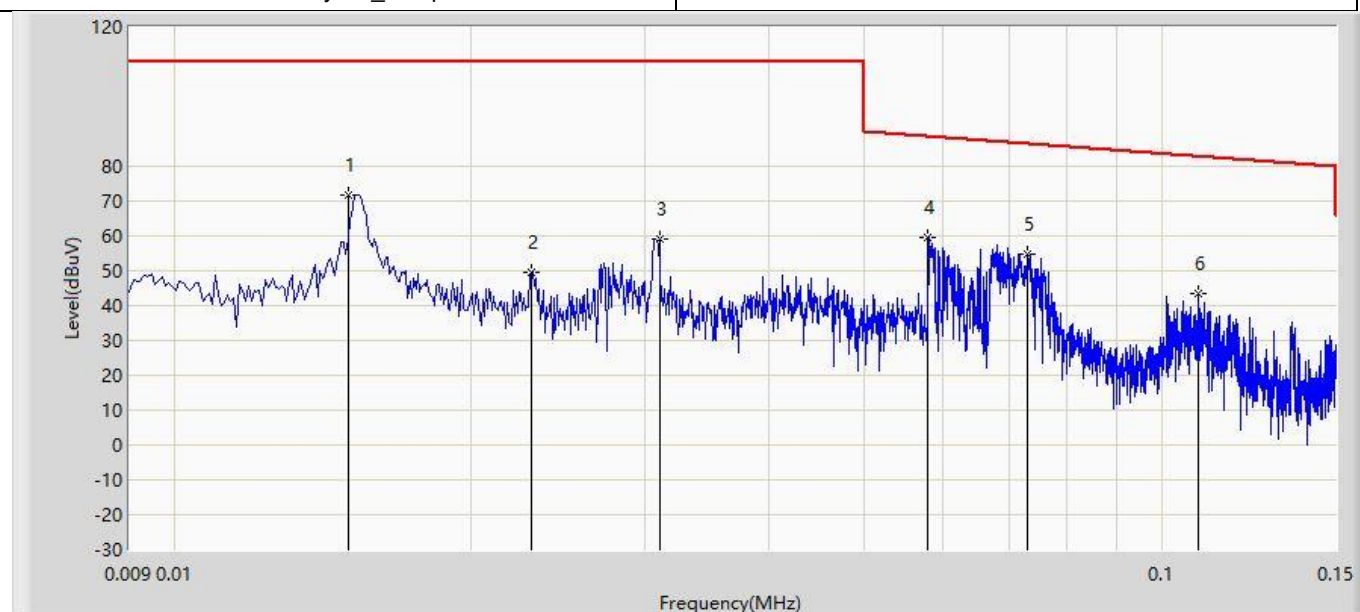
Power: AC 120V/60Hz



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.170	36.184	26.506	-28.776	64.960	9.678	QP
2		0.526	16.514	6.913	-39.486	56.000	9.601	QP
3		1.266	8.772	-0.912	-47.228	56.000	9.684	QP
4		3.946	13.314	3.542	-42.686	56.000	9.771	QP
5		6.898	13.715	3.814	-46.285	60.000	9.901	QP
6		20.454	11.270	0.845	-48.730	60.000	10.425	QP

AWAN Antenna:

Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
Note: Transmit at 2402MHz by LE_1Mbps	Power: AC 120V/60Hz



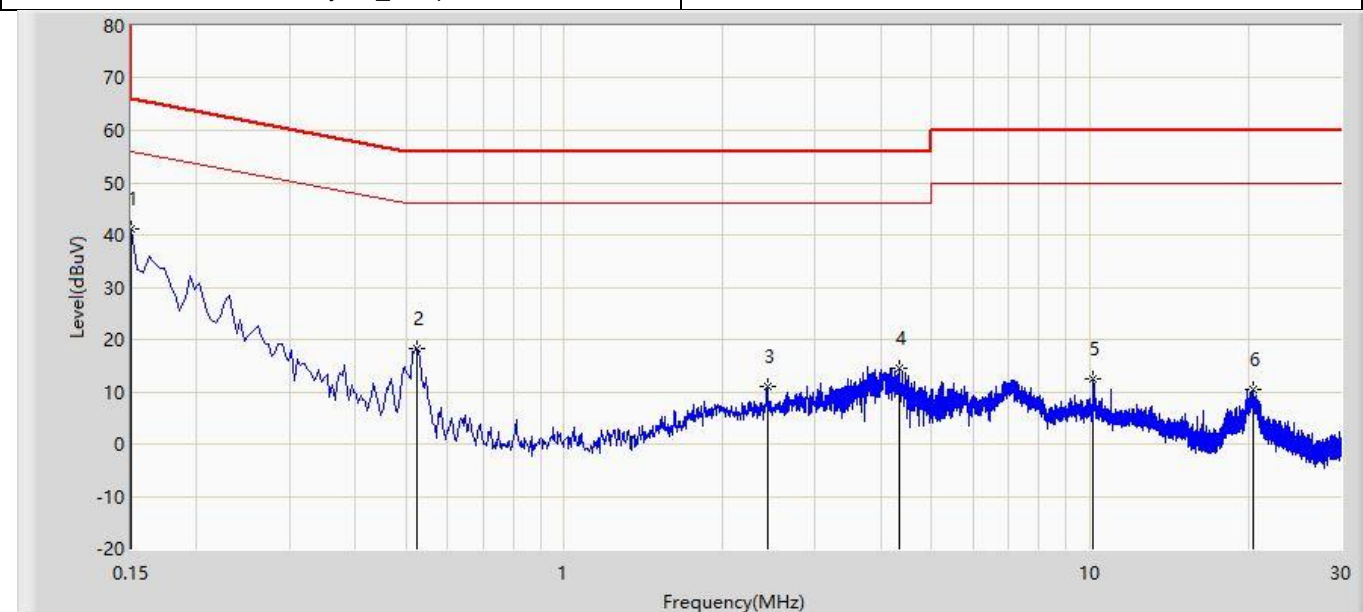
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.015	71.678	61.433	-38.322	110.000	10.245	QP
2		0.023	49.630	39.553	-60.370	110.000	10.077	QP
3		0.031	59.140	49.230	-50.860	110.000	9.910	QP
4	*	0.058	59.529	49.807	-29.120	88.649	9.722	QP
5		0.073	54.610	44.903	-31.945	86.555	9.707	QP
6		0.109	43.453	33.766	-39.453	82.906	9.687	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Line

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



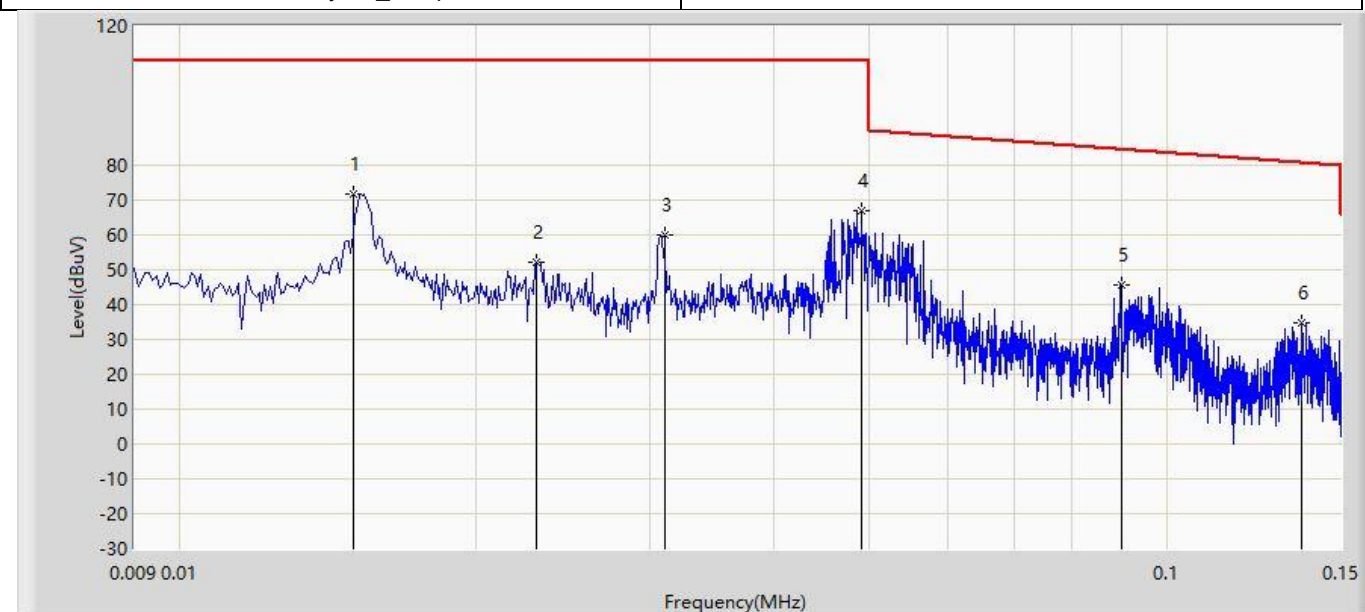
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.150	41.034	31.363	-24.966	66.000	9.672	QP
2		0.526	18.290	8.592	-37.710	56.000	9.697	QP
3		2.430	11.119	1.340	-44.881	56.000	9.779	QP
4		4.330	14.562	4.757	-41.438	56.000	9.805	QP
5		10.134	12.425	2.435	-47.575	60.000	9.990	QP
6		20.450	10.543	0.028	-49.457	60.000	10.515	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



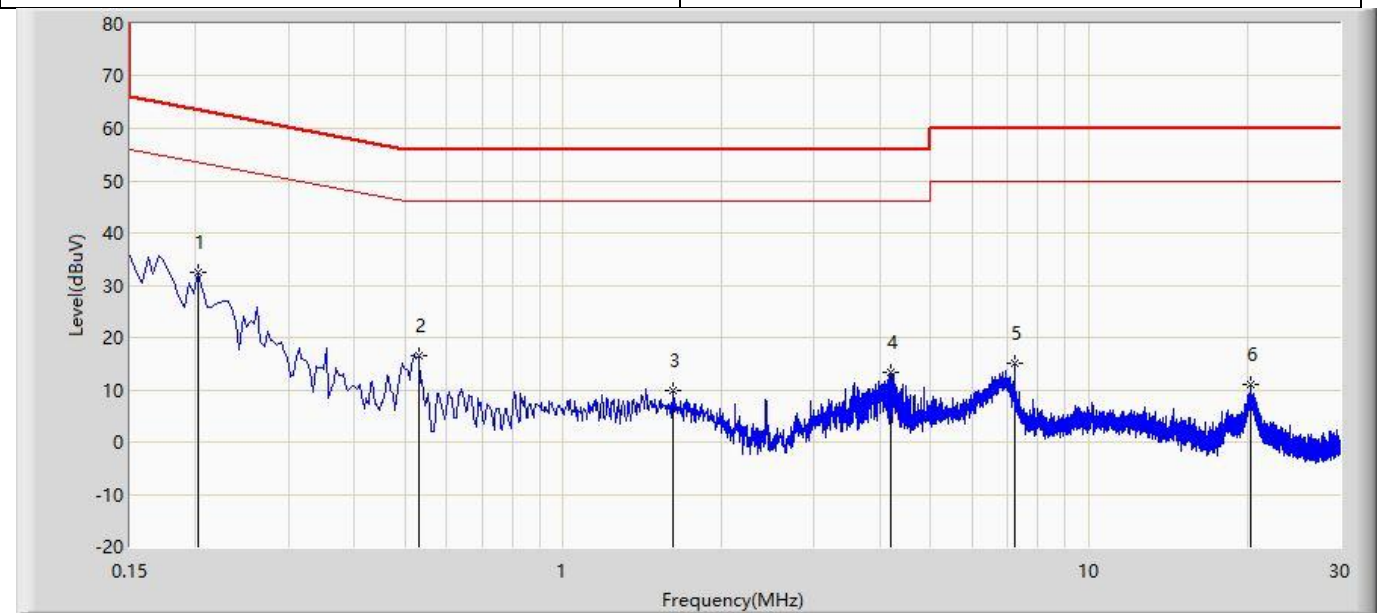
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.015	71.568	61.290	-38.432	110.000	10.278	QP
2		0.023	52.318	42.217	-57.682	110.000	10.101	QP
3		0.031	59.933	50.008	-50.067	110.000	9.925	QP
4		0.049	66.833	57.100	-43.167	110.000	9.733	QP
5		0.090	45.808	36.141	-38.842	84.650	9.667	QP
6		0.137	34.580	24.897	-46.245	80.825	9.683	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.202	32.524	22.875	-31.004	63.528	9.649	QP
2		0.530	16.445	6.843	-39.555	56.000	9.602	QP
3		1.622	9.776	0.087	-46.224	56.000	9.689	QP
4		4.186	13.310	3.532	-42.690	56.000	9.778	QP
5		7.206	15.126	5.214	-44.874	60.000	9.912	QP
6		20.302	11.106	0.696	-48.894	60.000	10.410	QP

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

_____ The End _____