

Test report No:
2660540R.712

FCC TEST REPORT

Product	Notebook PC
Model and /or type reference	X1652X, M1652X, D1652X, X1652XA, M1652XA, D1652XA
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	2026-07-28
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)	Jun. 17, 2026
Date (start test)	Jul. 01, 2026
Date (finish test)	Jul. 15, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
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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
2660540R.712	V1.0	Initial issue of report.	2026-07-28

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 RFBUI-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	2026.05.08	2027.05.07
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	2026.05.08	2027.05.07
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 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	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	102327	2026.05.07	2027.05.06
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	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
cable	R&S	N/A	213	2026.05.10	2027.05.09
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	X1652X, M1652X, D1652X, X1652XA, M1652XA, D1652XA
FCC ID.....	TX2-RTL8852B
Hardware Version.....	V1
Software Version	X1652XA.100
Model difference	Exclusively for marketing purposes.
Power Supply	AC: 230 Vac
Manufacturer	ASUSTEK 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. 3, The X1652XA is tested as the main model, and its data also represents the X1652X, M1652X, D1652X, M1652XA, D1652XA.	

Antenna Information:

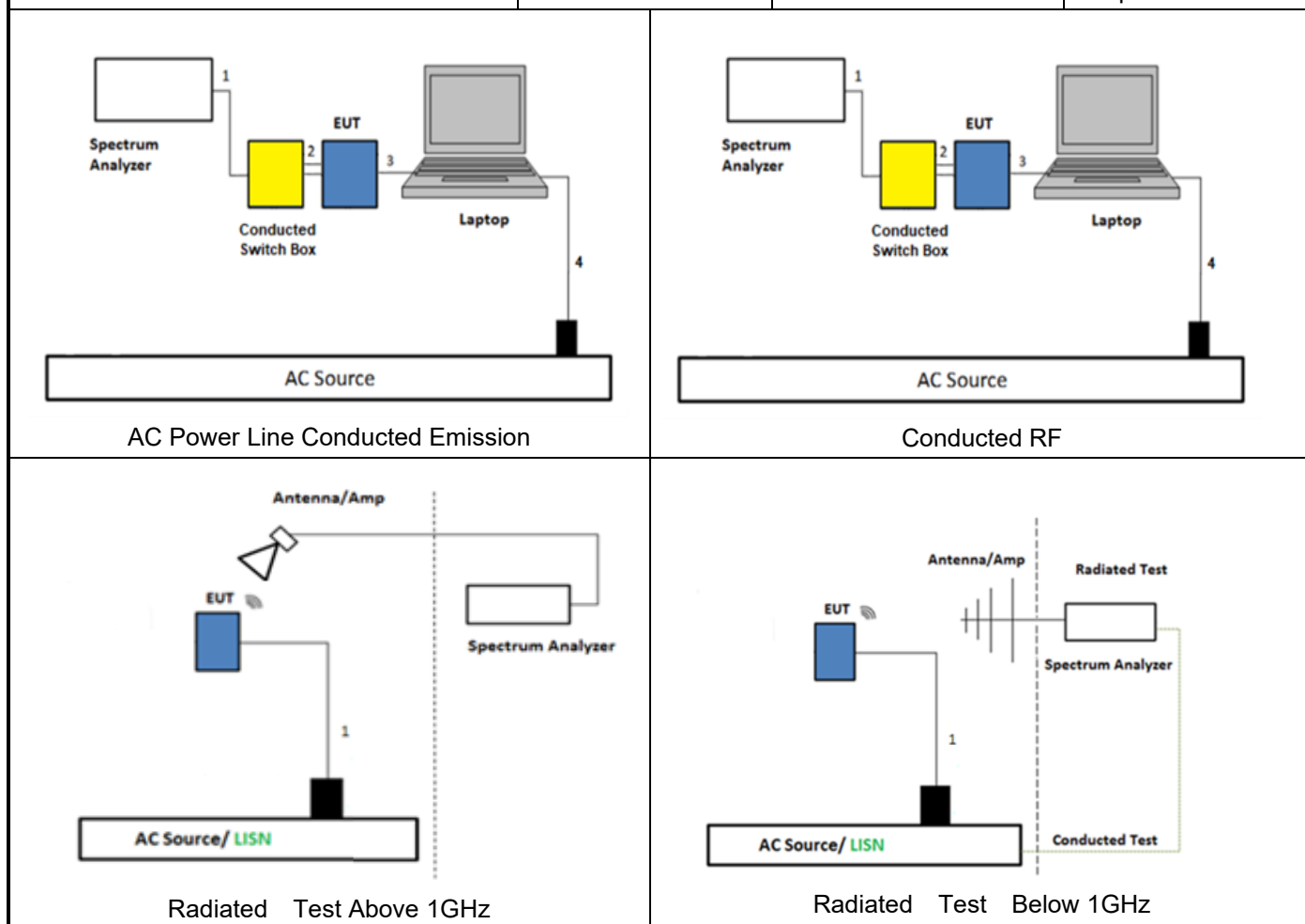
Antenn a Port	Antenna Manufacturer	Antenn a Type	2400-2483.5 MHz	5150-5250 MHz	5250-5350 MHz	5470-5725 MHz	5725-5850 MHz	5850-5895 MHz
MAIN	INPAQ (WA-P-LELE-04-109)	PIFA	2.96	2.95	2.78	2.93	2.54	2.19
AUX			2.77	3.05	3.03	1.51	1.38	1.58
MAIN	INNOWAVE (F001S0913111000)	PIFA	2.93	2.88	2.72	2.81	2.42	2.03
AUX			2.73	2.91	2.90	1.72	1.52	1.46
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

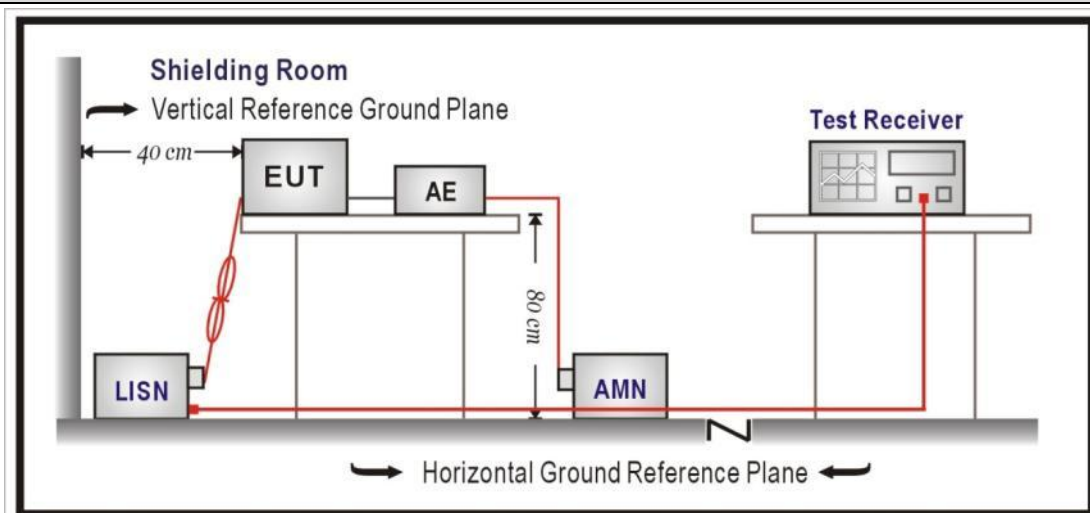
4.1.1 Limit

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

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)

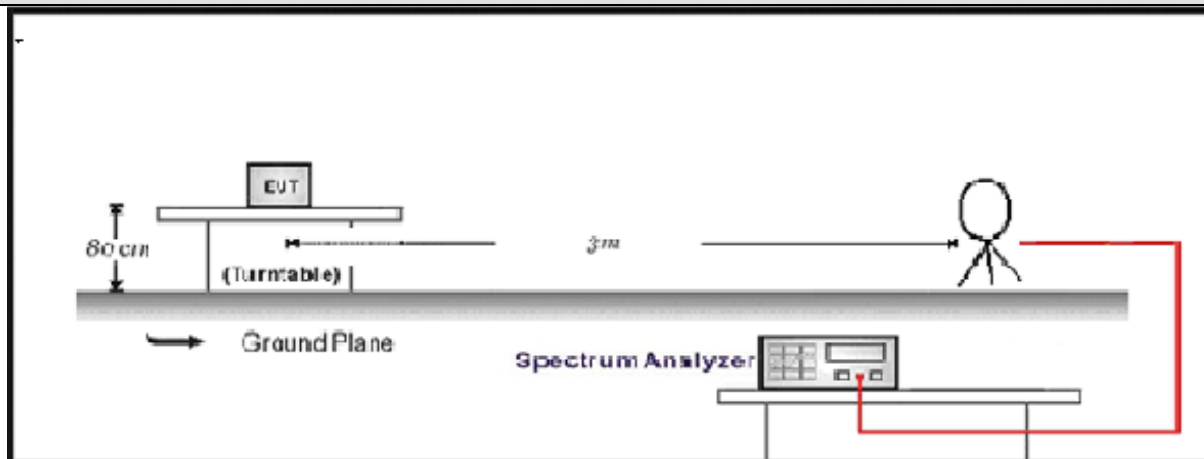
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed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

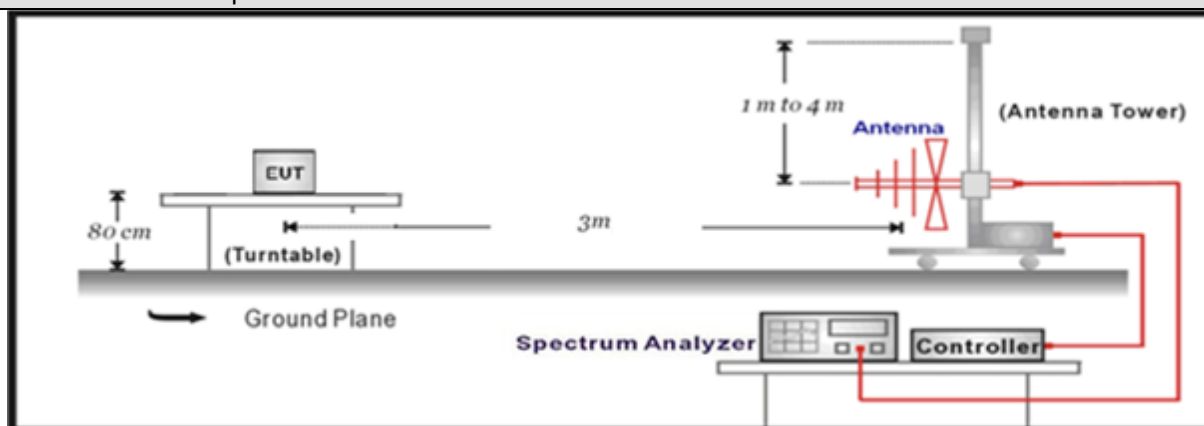
factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

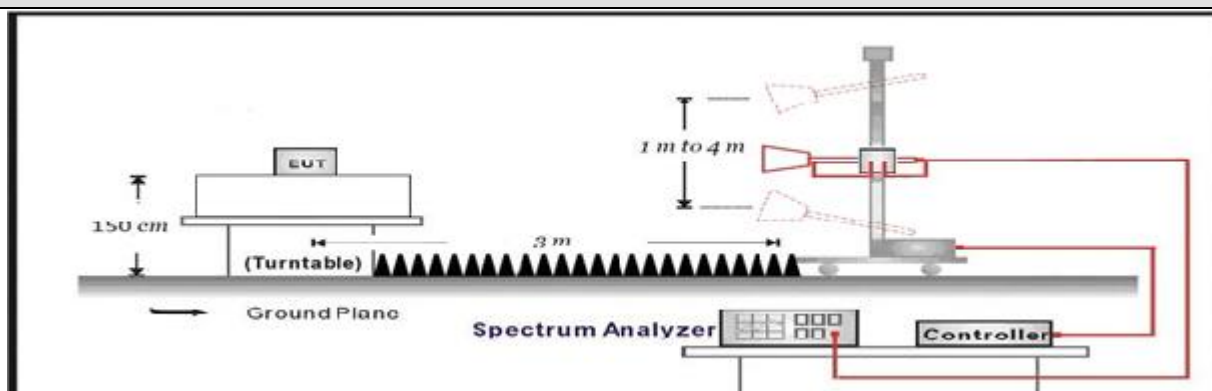
Below 30MHz Test Setup:



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

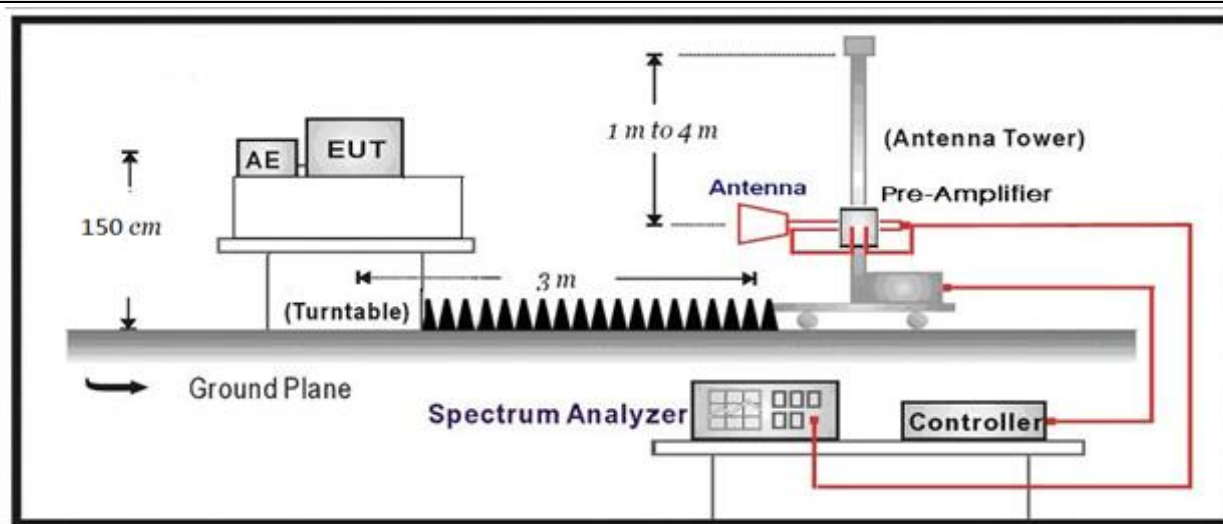
4.3 Radiated Emission Band Edge**VERDICT: PASS****4.3.1 Limit**

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

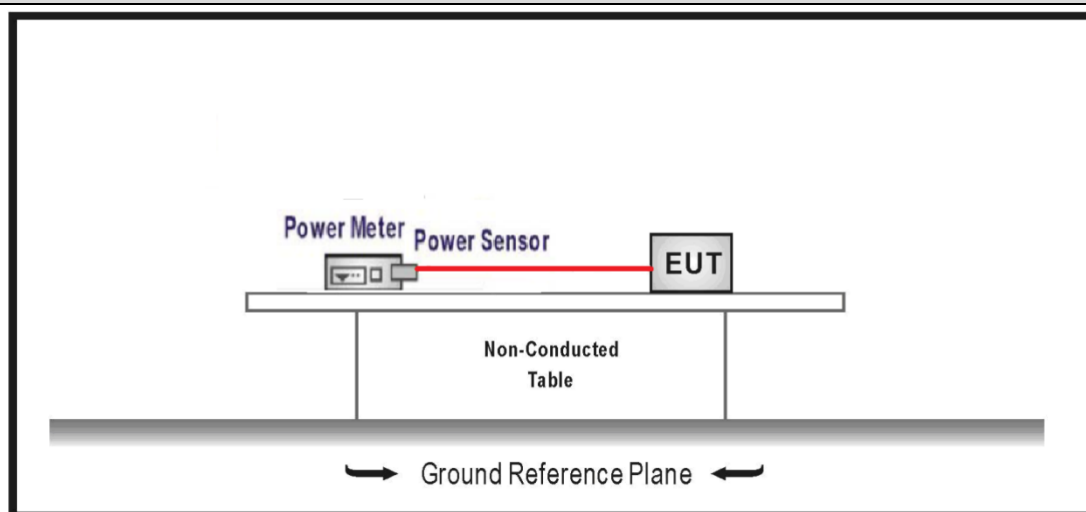
4.4.1 Limit

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							
	Mode	Channel	Frequency (MHz)	Average Power (dBm)	EIRP (dBm)	Limit (dBm)	
						Average Power	EIRP
Bluetooth	BLE 1M	0	2402	11.60	14.37	30.00	36.00
		19	2440	11.92	14.69	30.00	36.00
		39	2480	11.57	14.34	30.00	36.00
	BLE 2M	1	2404	12.03	14.80	30.00	36.00
		19	2440	11.73	14.50	30.00	36.00
		38	2478	11.61	14.38	30.00	36.00

Note: EIRP = Average Power + Antenna Gain (Antenna Gain refers to the Antenna Information in Chapter 1)

AWAN Antenna							
	Mode	Channel	Frequency (MHz)	Average Power (dBm)	EIRP (dBm)	Limit (dBm)	
						Average Power	EIRP
Bluetooth	BLE 1M	0	2402	11.60	14.33	30.00	36.00
		19	2442	11.92	14.65	30.00	36.00
		39	2480	11.57	14.30	30.00	36.00
	BLE 2M	1	2404	12.03	14.76	30.00	36.00
		19	2440	11.73	14.46	30.00	36.00
		38	2478	11.61	14.34	30.00	36.00

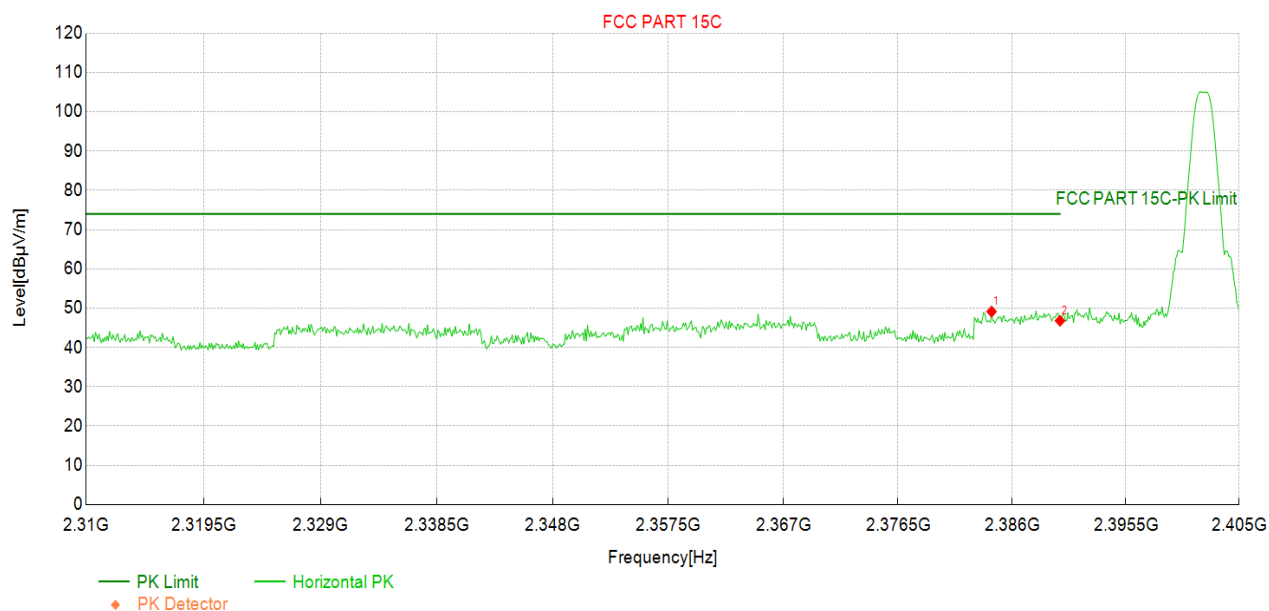
Note: EIRP = Average Power + Antenna Gain (Antenna Gain refers to the Antenna Information in Chapter 1)

Band edge measurements

INPAQ Antenna:

Transmit at 2402MHz by LE_1Mbps

Test Graph

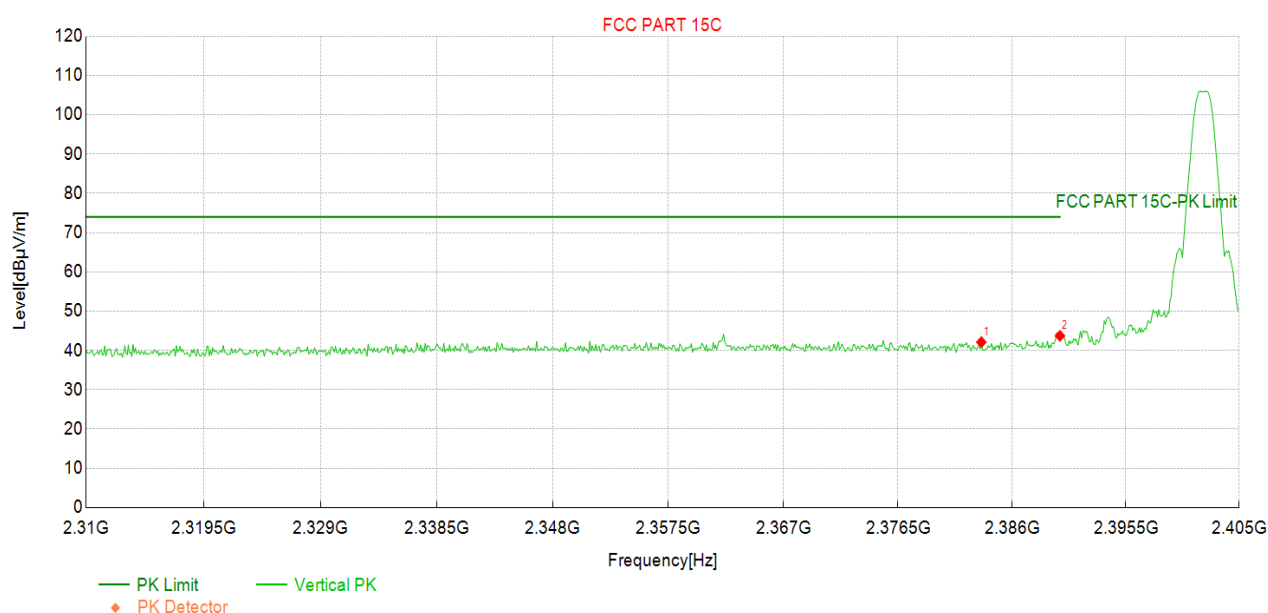


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2384.29	49.25	49.12	-0.130	74.00	24.88	PK	Horizo	PASS
2	2390.00	46.91	46.79	-0.120	74.00	27.21	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

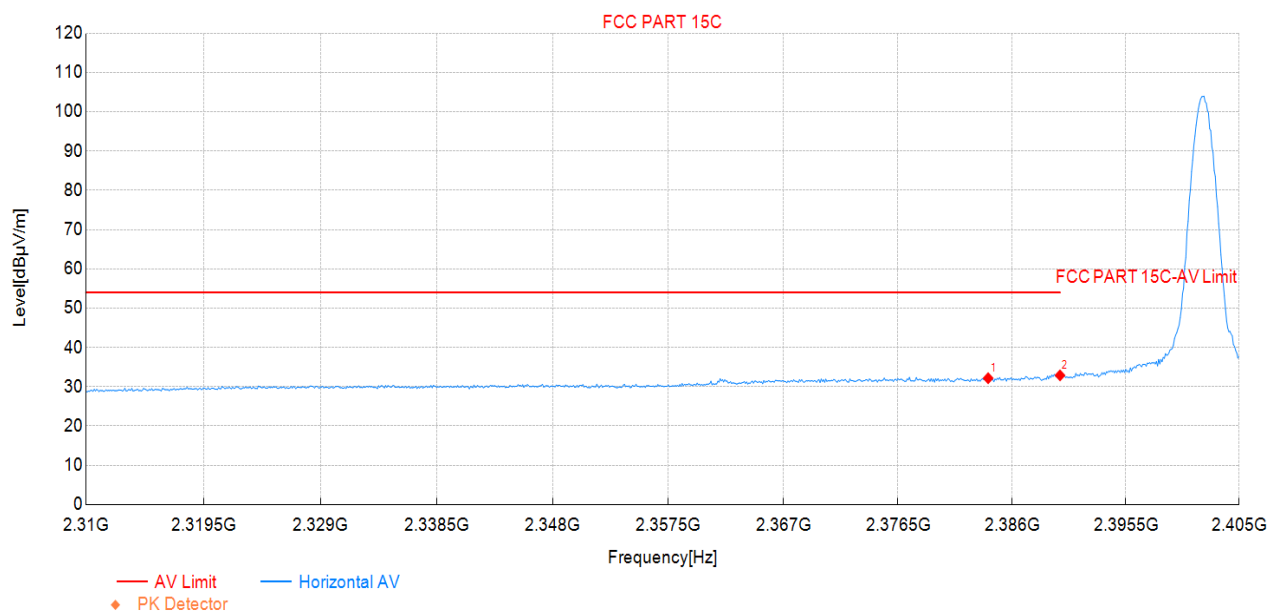


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2383.44	42.25	42.12	-0.130	74.00	31.88	PK	Vertic	PASS
2	2390.00	43.84	43.72	-0.120	74.00	30.28	PK	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

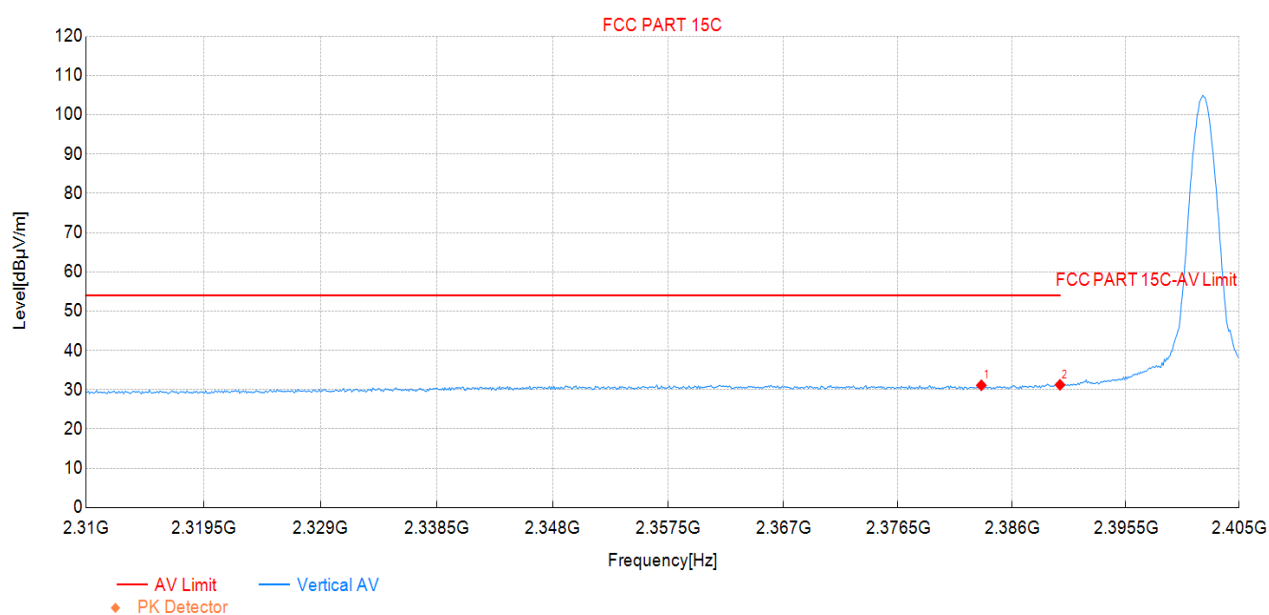


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2384.01	32.30	32.17	-0.130	54.00	21.83	AV	Horizo	PASS
2	2390.00	33.01	32.89	-0.120	54.00	21.11	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

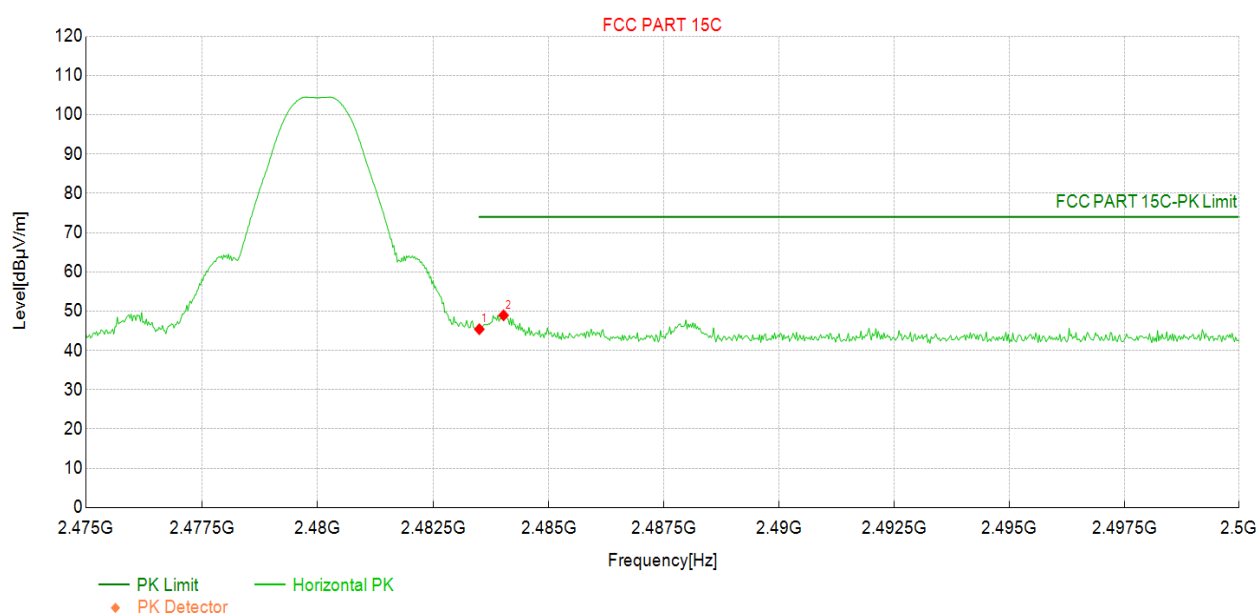


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2383.44	31.26	31.13	-0.130	54.00	22.87	AV	Vertic	PASS
2	2390.00	31.37	31.25	-0.120	54.00	22.75	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

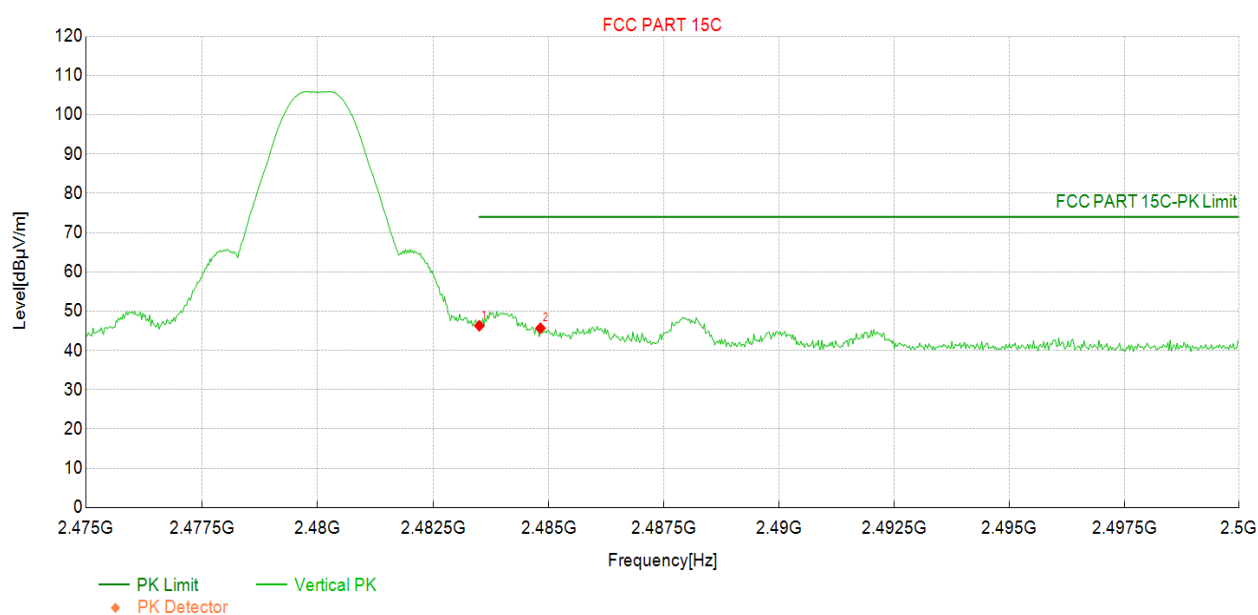


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.26	45.41	0.150	74.00	28.59	PK	Horizo	PASS
2	2484.03	48.79	48.94	0.150	74.00	25.06	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

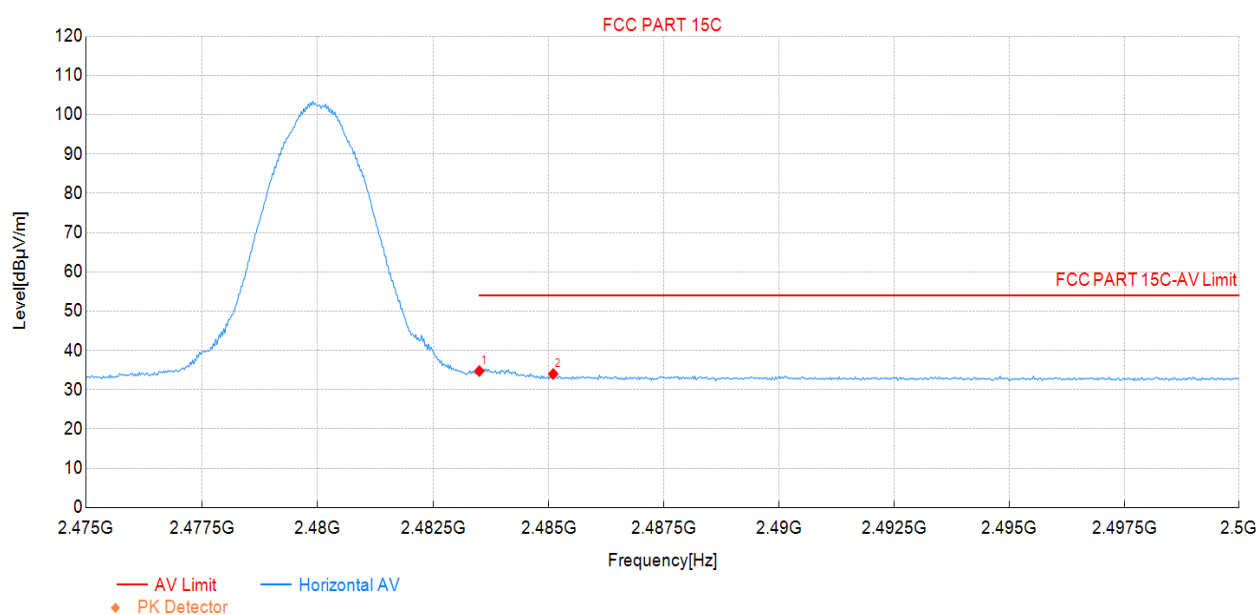


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.13	46.28	0.150	74.00	27.72	PK	Vertic	PASS
2	2484.83	45.51	45.66	0.150	74.00	28.34	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

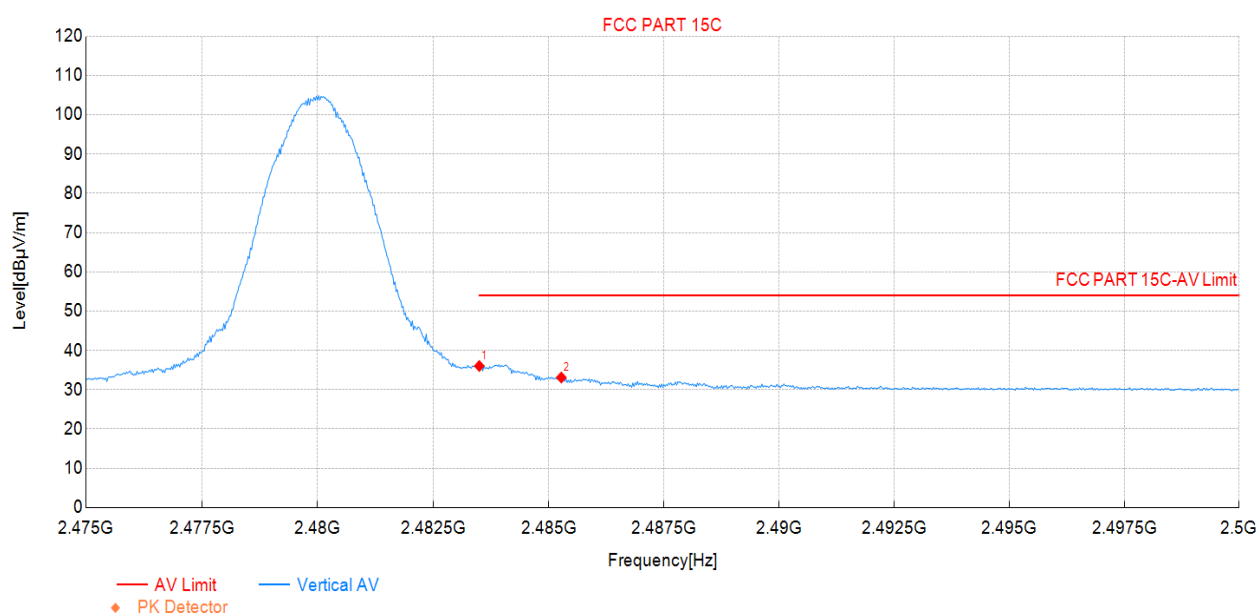


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.61	34.76	0.150	54.00	19.24	AV	Horizo	PASS
2	2485.10	33.85	34.01	0.160	54.00	19.99	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

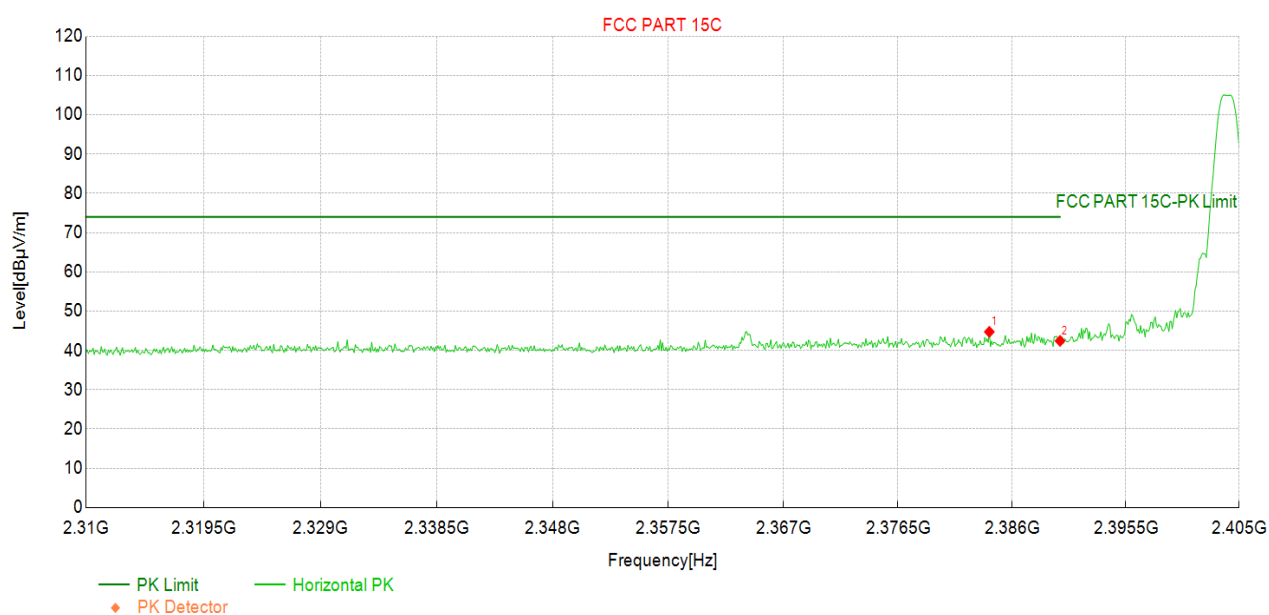


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.89	36.04	0.150	54.00	17.96	AV	Vertic	PASS
2	2485.28	32.95	33.11	0.160	54.00	20.89	AV	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

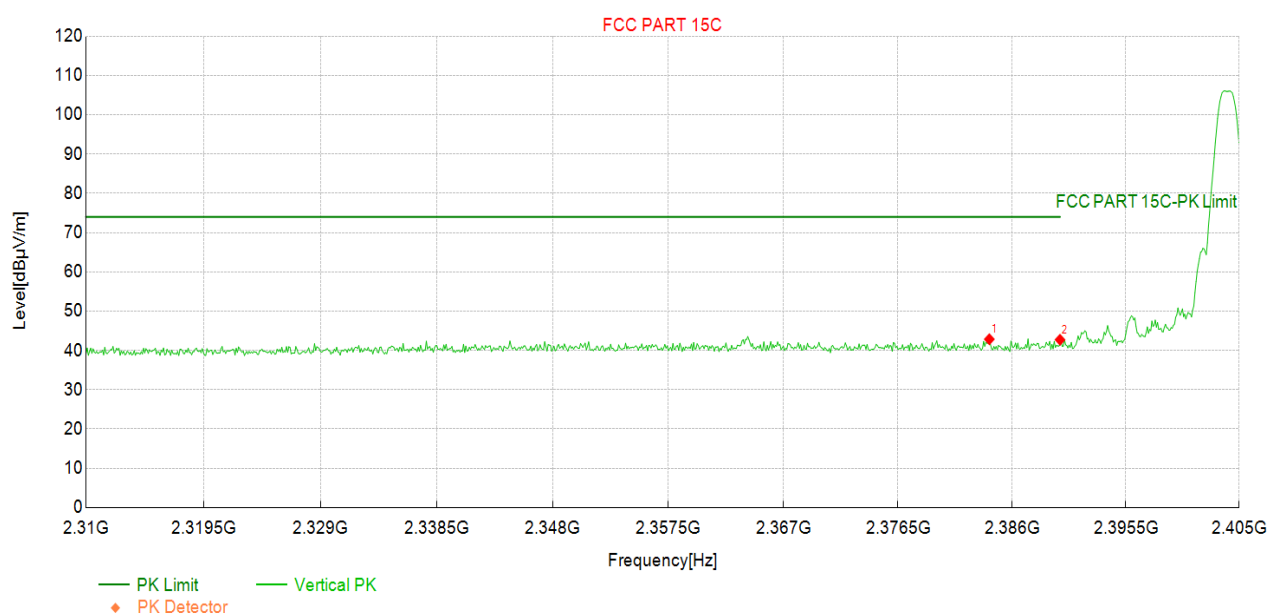


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2384.10	44.87	44.74	-0.130	74.00	29.26	PK	Horizo	PASS
2	2390.00	42.55	42.43	-0.120	74.00	31.57	PK	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

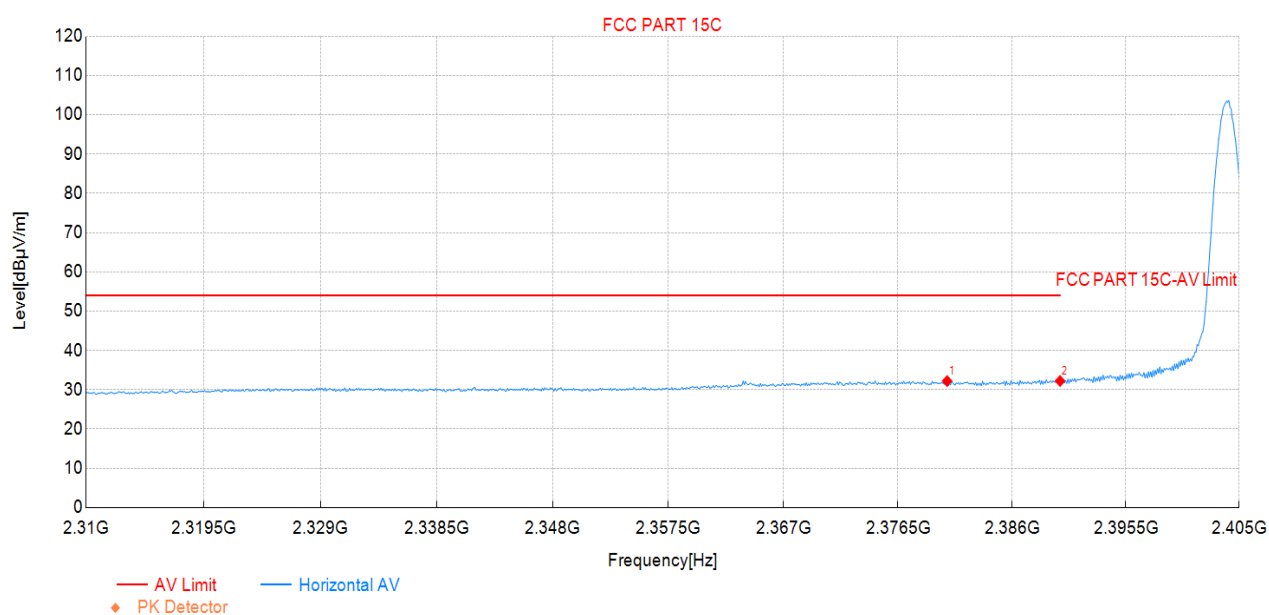


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2384.10	42.98	42.85	-0.130	74.00	31.15	PK	Vertic	PASS
2	2390.00	42.84	42.72	-0.120	74.00	31.28	PK	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

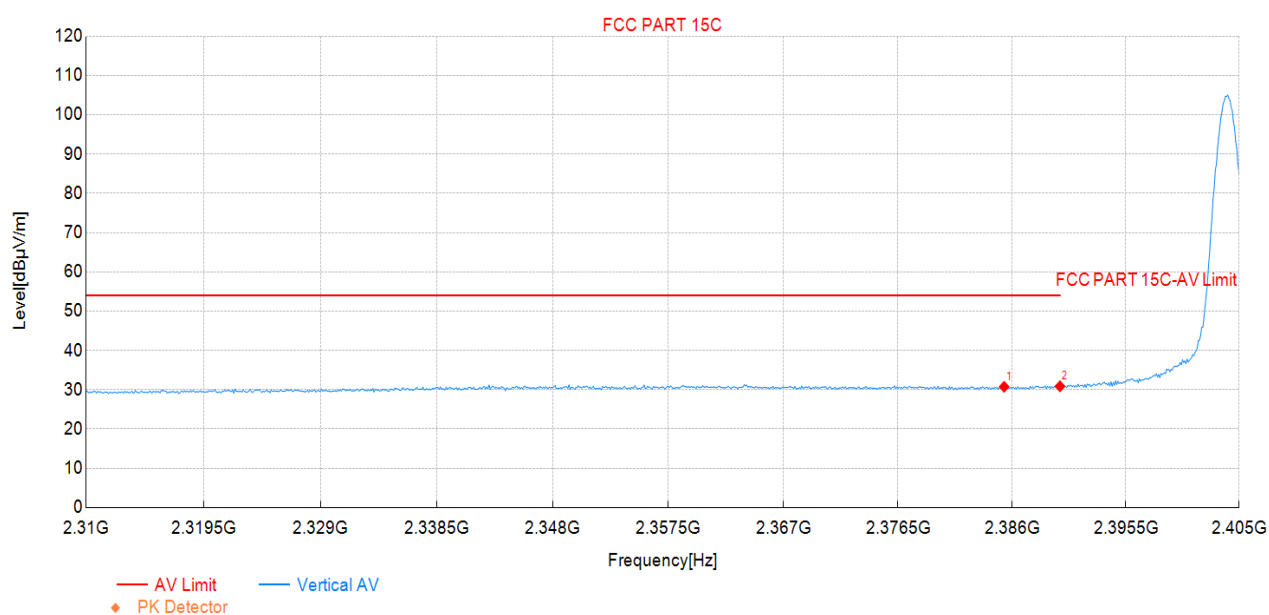


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2380.59	32.34	32.21	-0.130	54.00	21.79	AV	Horizo	PASS
2	2390.00	32.35	32.23	-0.120	54.00	21.77	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

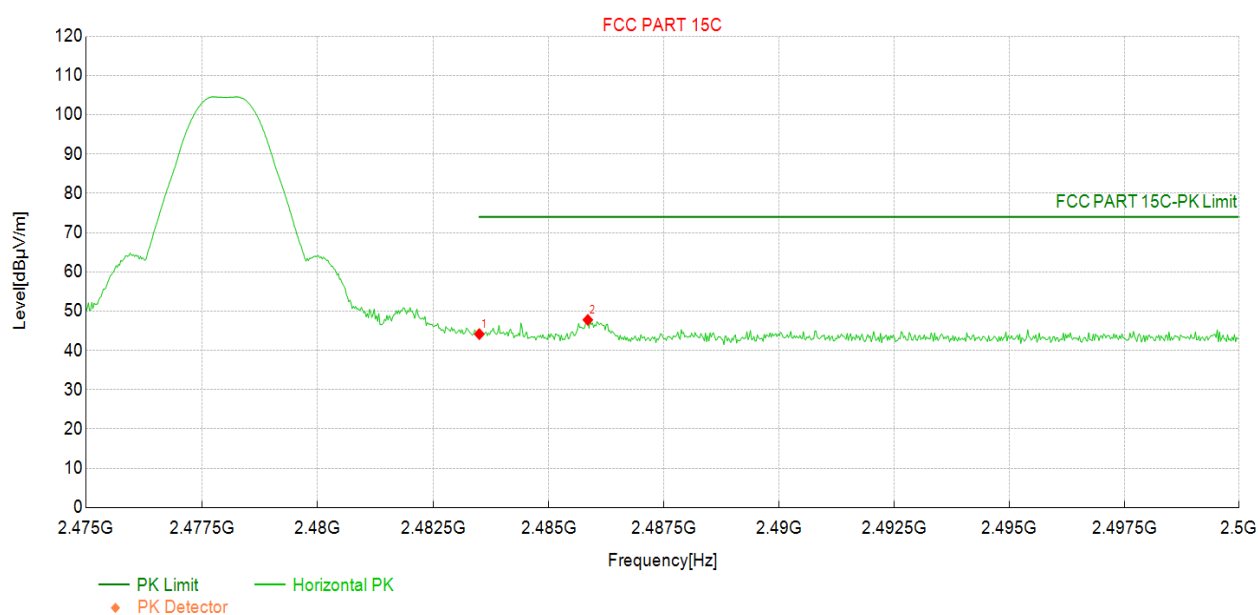


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2385.34	30.87	30.75	-0.120	54.00	23.25	AV	Vertic	PASS
2	2390.00	31.00	30.88	-0.120	54.00	23.12	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

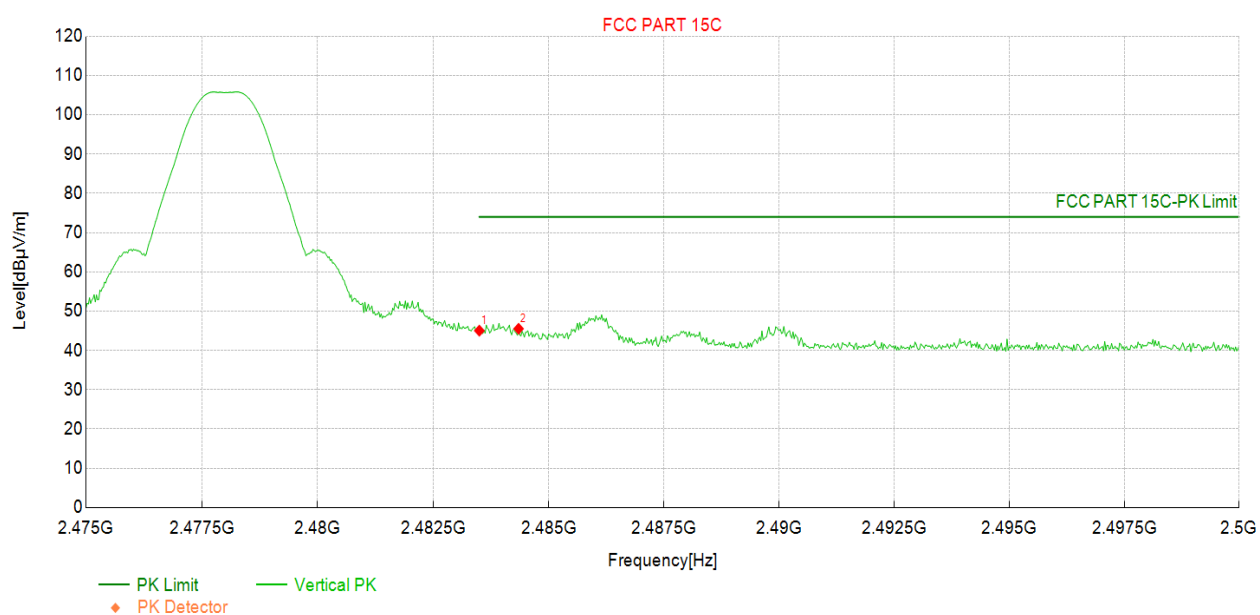


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.01	44.16	0.150	74.00	29.84	PK	Horizo	PASS
2	2485.85	47.62	47.78	0.160	74.00	26.22	PK	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

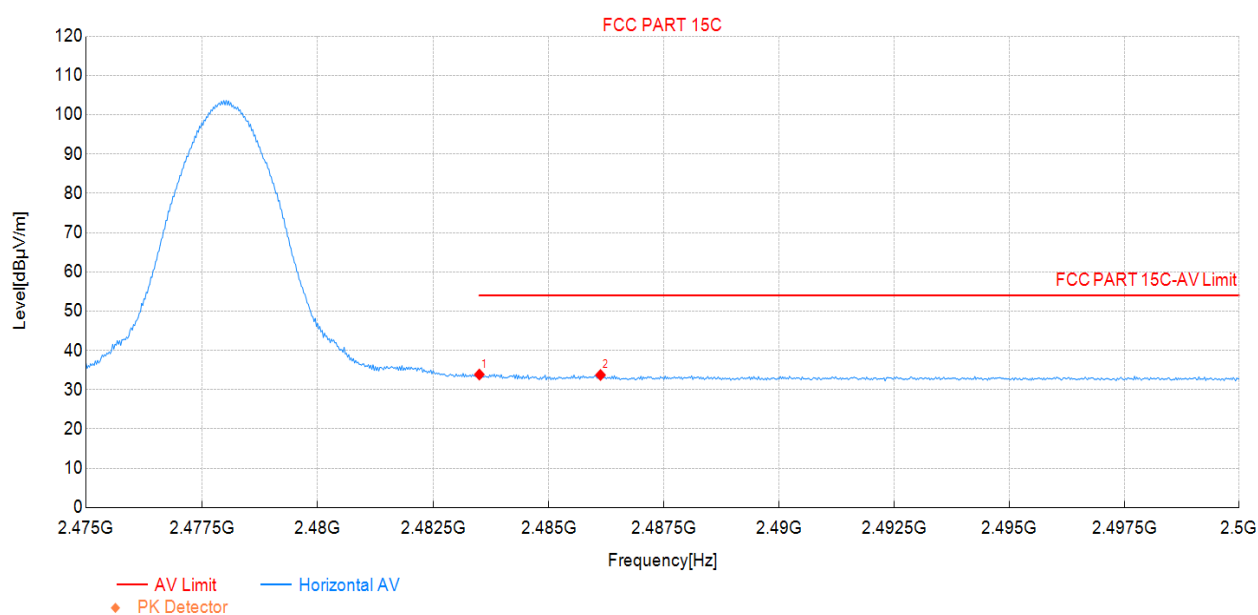


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.89	45.04	0.150	74.00	28.96	PK	Vertic	PASS
2	2484.35	45.38	45.53	0.150	74.00	28.47	PK	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

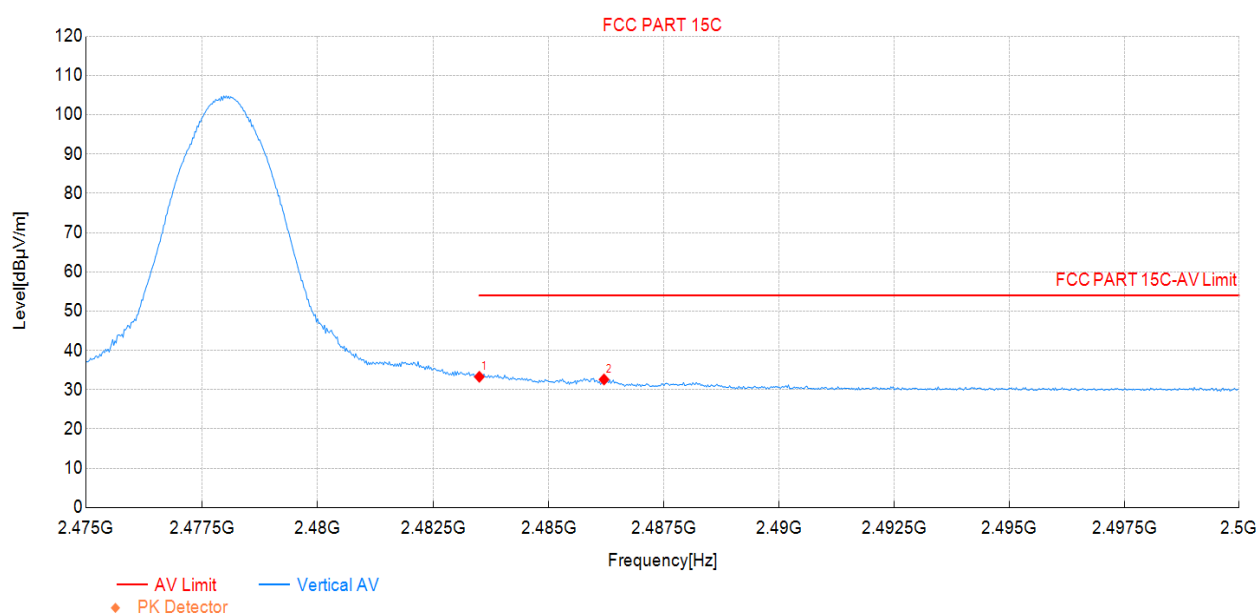


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	33.72	33.87	0.150	54.00	20.13	AV	Horizo	PASS
2	2486.13	33.59	33.75	0.160	54.00	20.25	AV	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

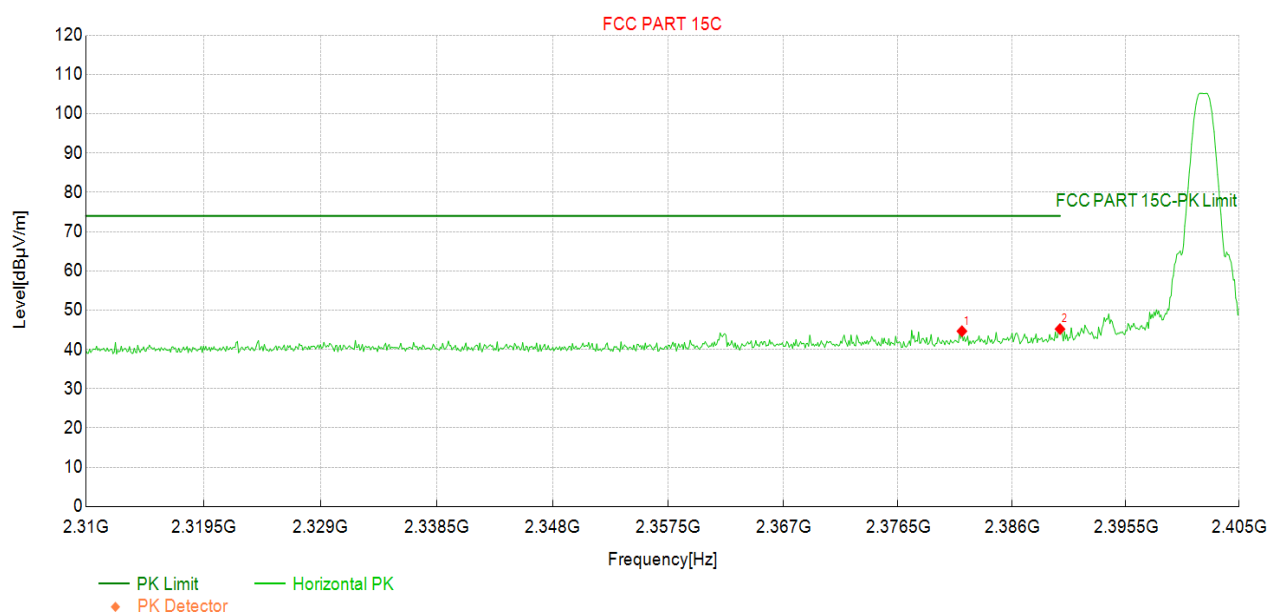
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	33.15	33.30	0.150	54.00	20.70	AV	Vertic	PASS
2	2486.20	32.45	32.61	0.160	54.00	21.39	AV	Vertic	PASS

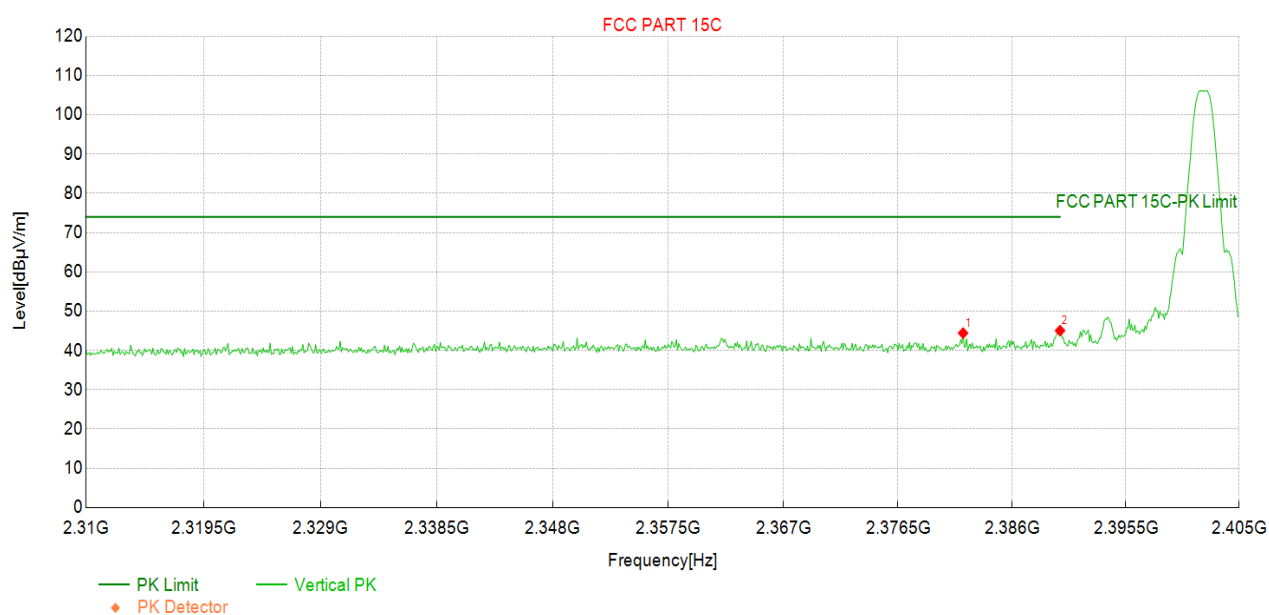
Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

INNOWAVE 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	2381.82	44.77	44.64	-0.130	74.00	29.36	PK	Horizo	PASS
2	2390.00	45.30	45.18	-0.120	74.00	28.82	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

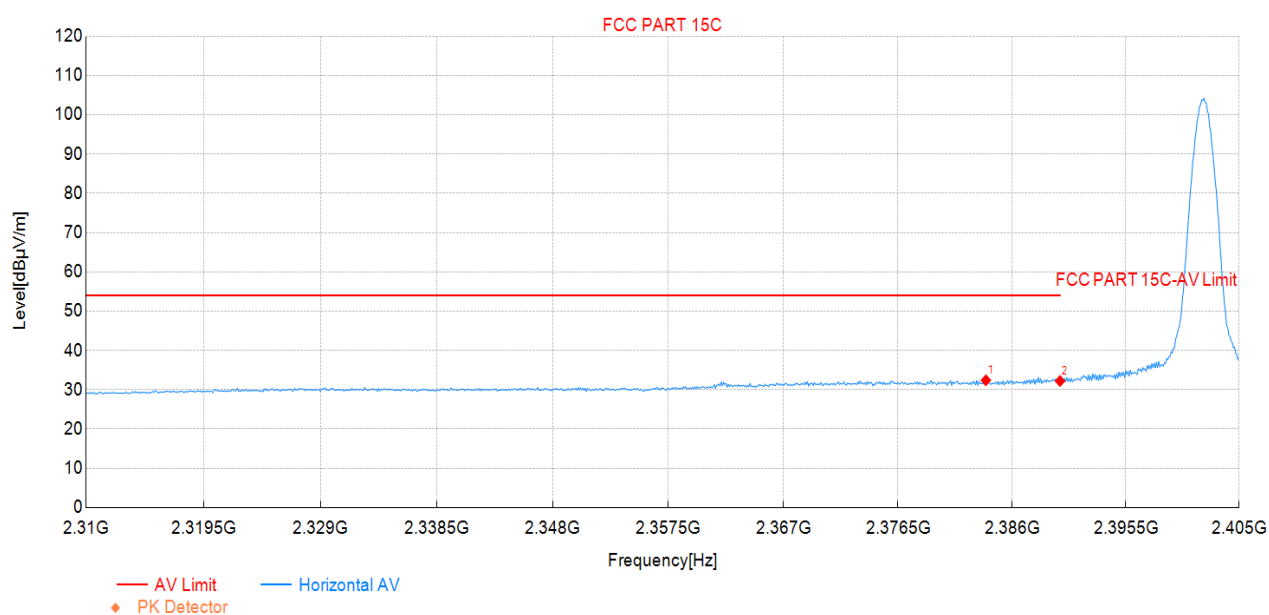


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2381.92	44.54	44.41	-0.130	74.00	29.59	PK	Vertic	PASS
2	2390.00	45.17	45.05	-0.120	74.00	28.95	PK	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

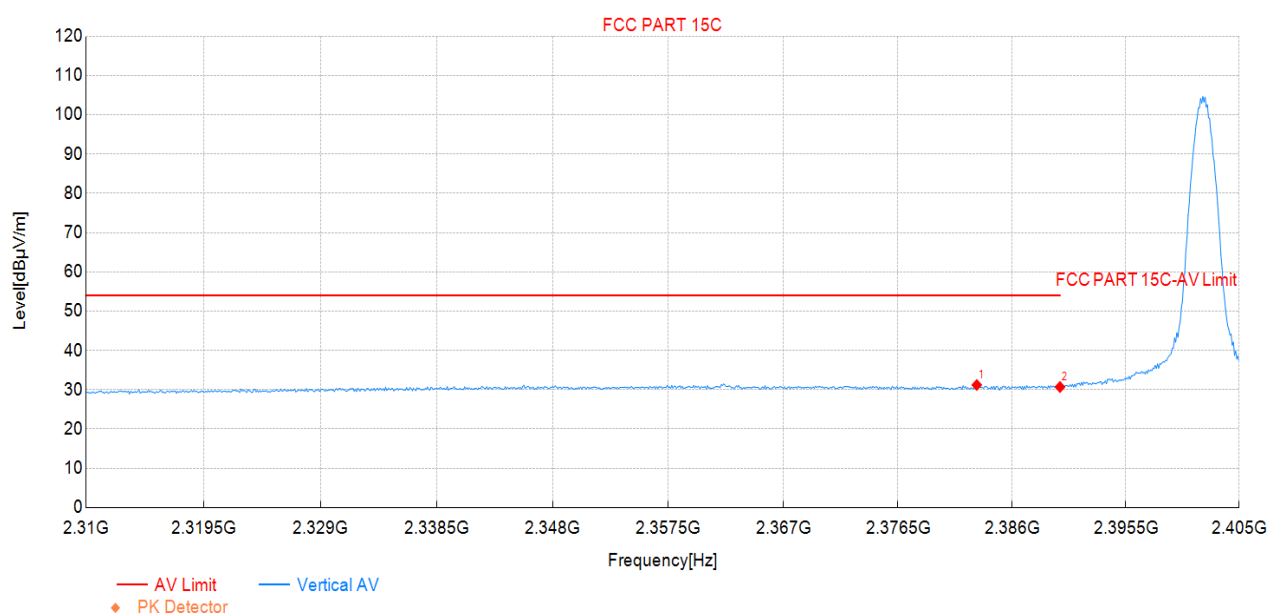


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2383.82	32.54	32.41	-0.130	54.00	21.59	AV	Horizo	PASS
2	2390.00	32.34	32.22	-0.120	54.00	21.78	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

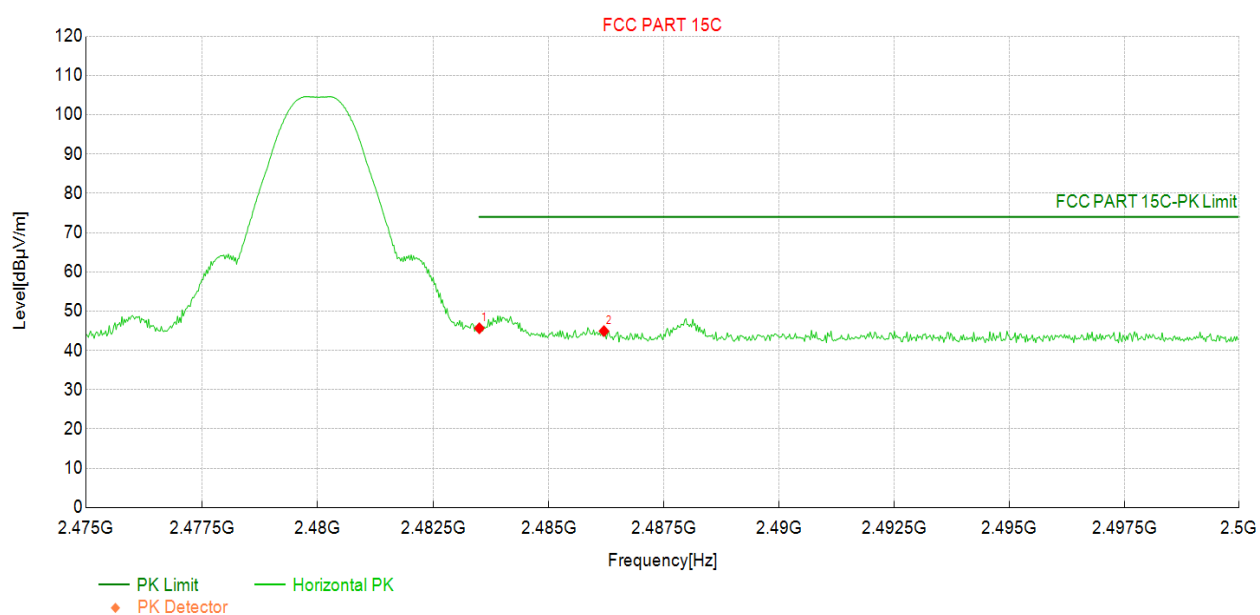


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2383.06	31.35	31.22	-0.130	54.00	22.78	AV	Vertic	PASS
2	2390.00	30.82	30.70	-0.120	54.00	23.30	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

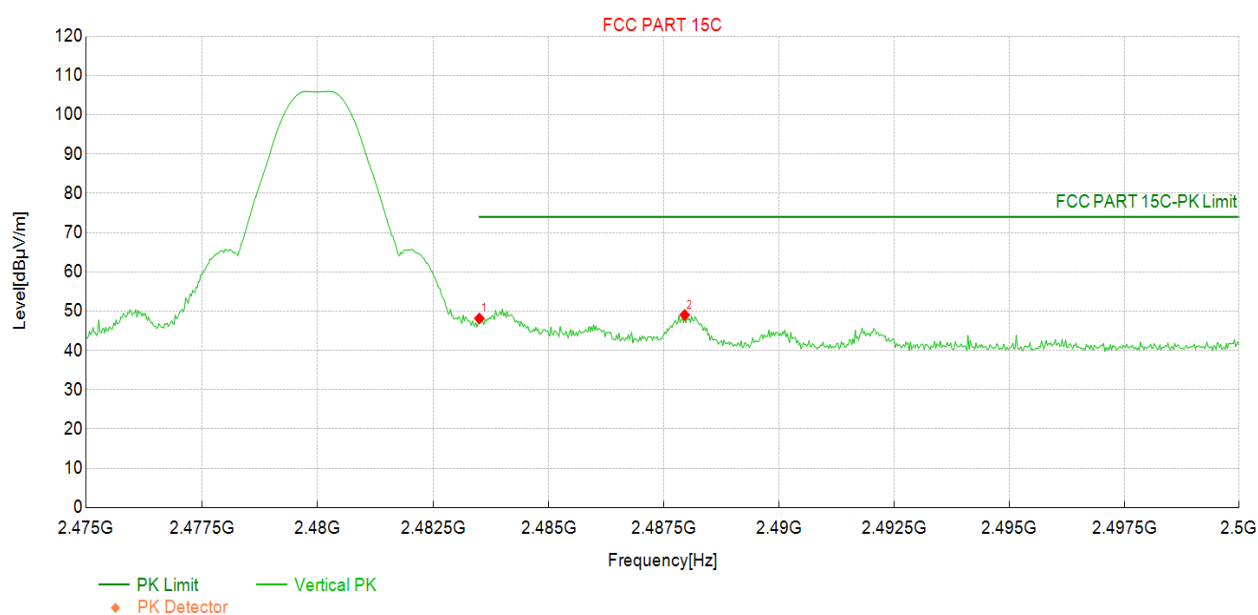


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.50	45.65	0.150	74.00	28.35	PK	Horizo	PASS
2	2486.20	44.77	44.93	0.160	74.00	29.07	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

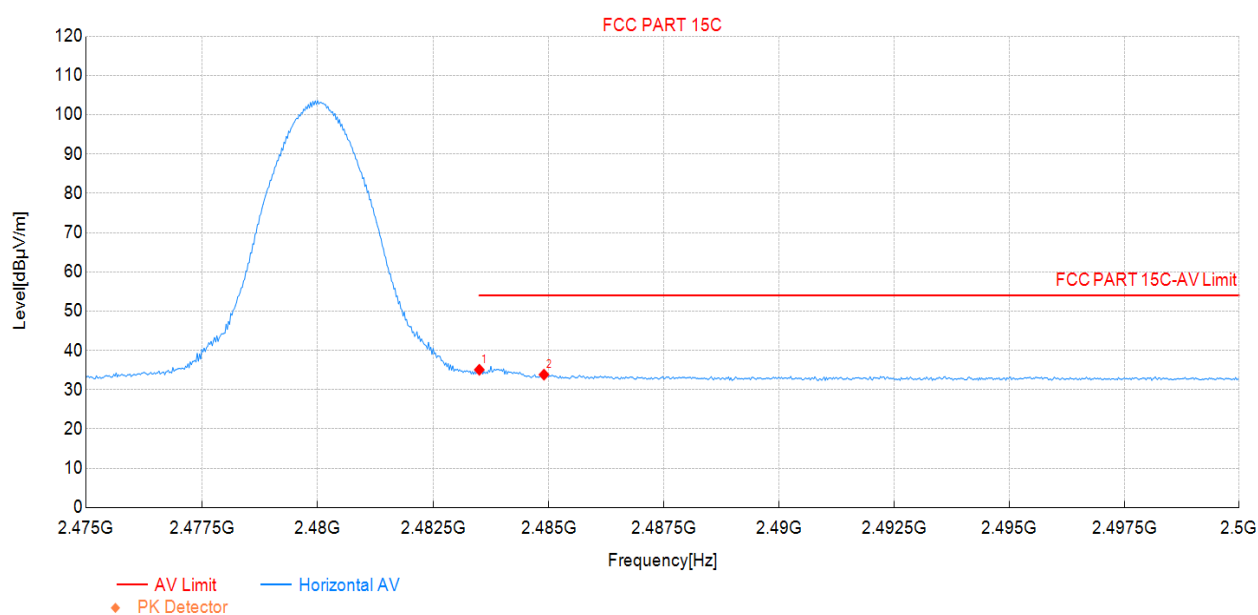


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	47.98	48.13	0.150	74.00	25.87	PK	Vertic	PASS
2	2487.95	48.88	49.04	0.160	74.00	24.96	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

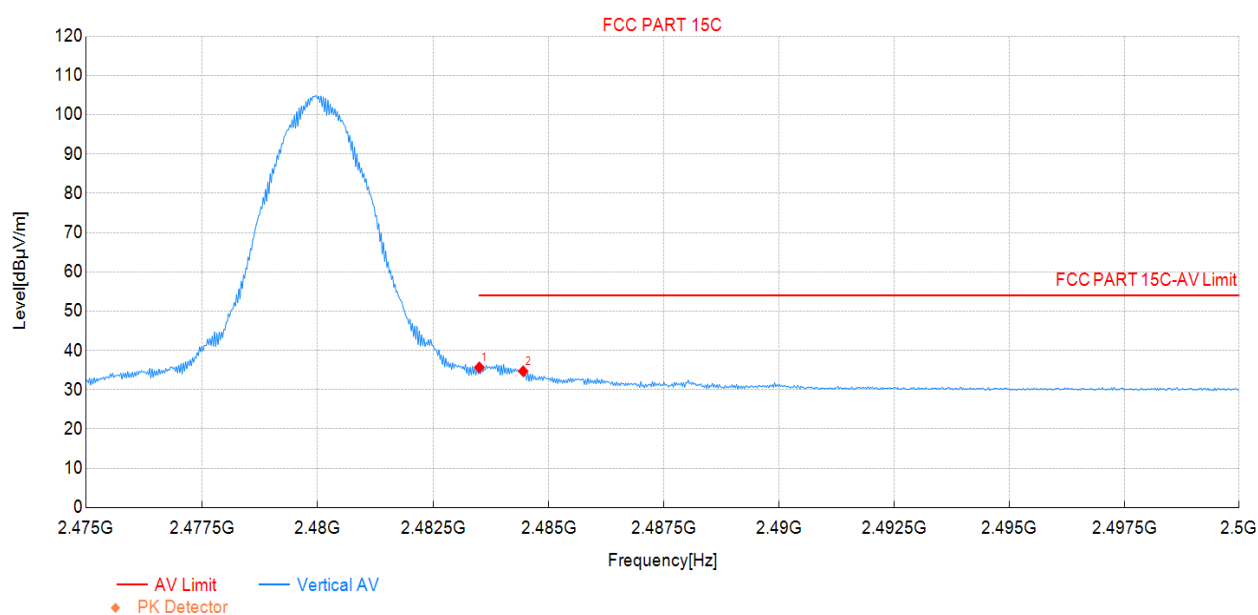


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.93	35.08	0.150	54.00	18.92	AV	Horizo	PASS
2	2484.90	33.69	33.84	0.150	54.00	20.16	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

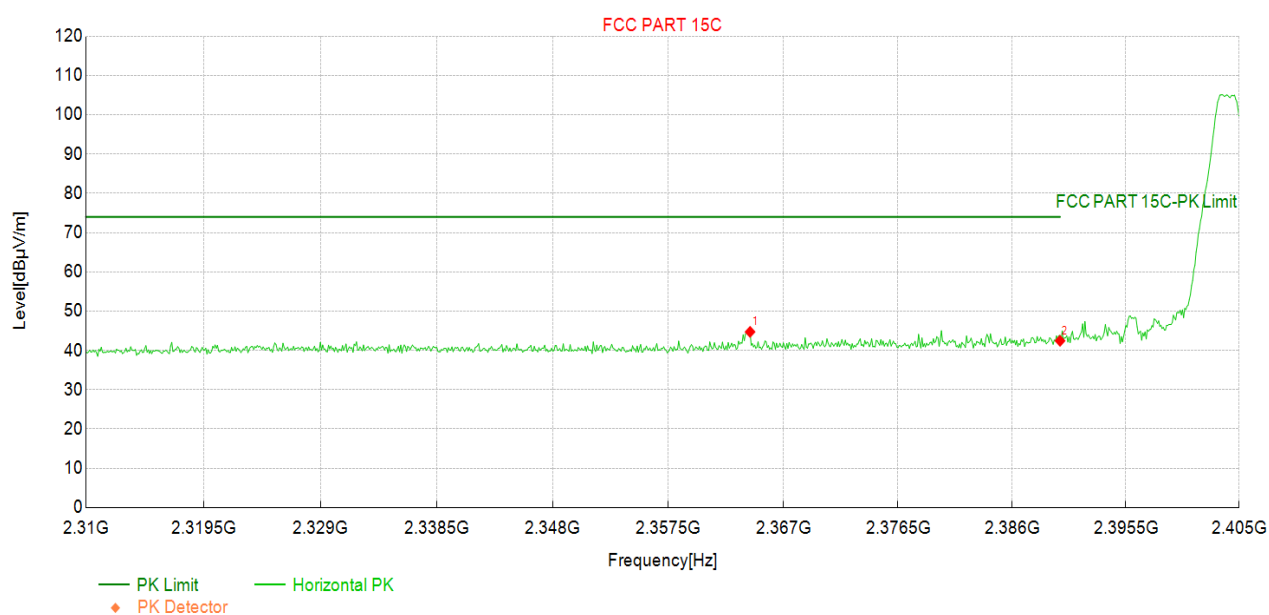


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	35.54	35.69	0.150	54.00	18.31	AV	Vertic	PASS
2	2484.45	34.56	34.71	0.150	54.00	19.29	AV	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

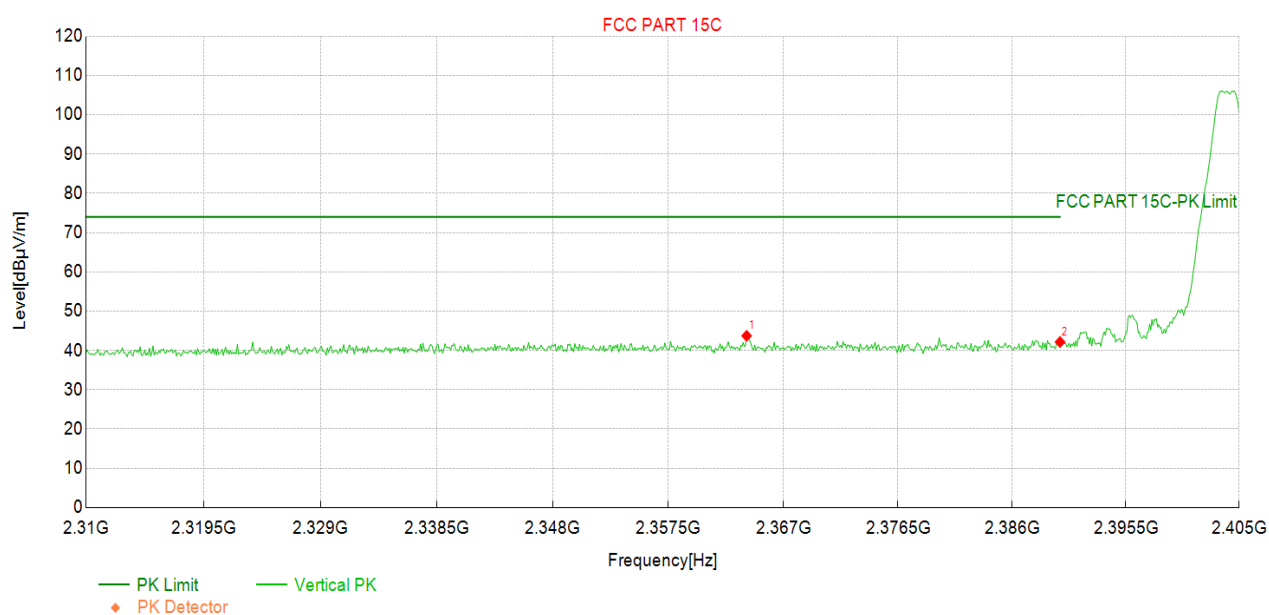


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2364.25	44.90	44.73	-0.170	74.00	29.27	PK	Horizo	PASS
2	2390.00	42.57	42.45	-0.120	74.00	31.55	PK	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

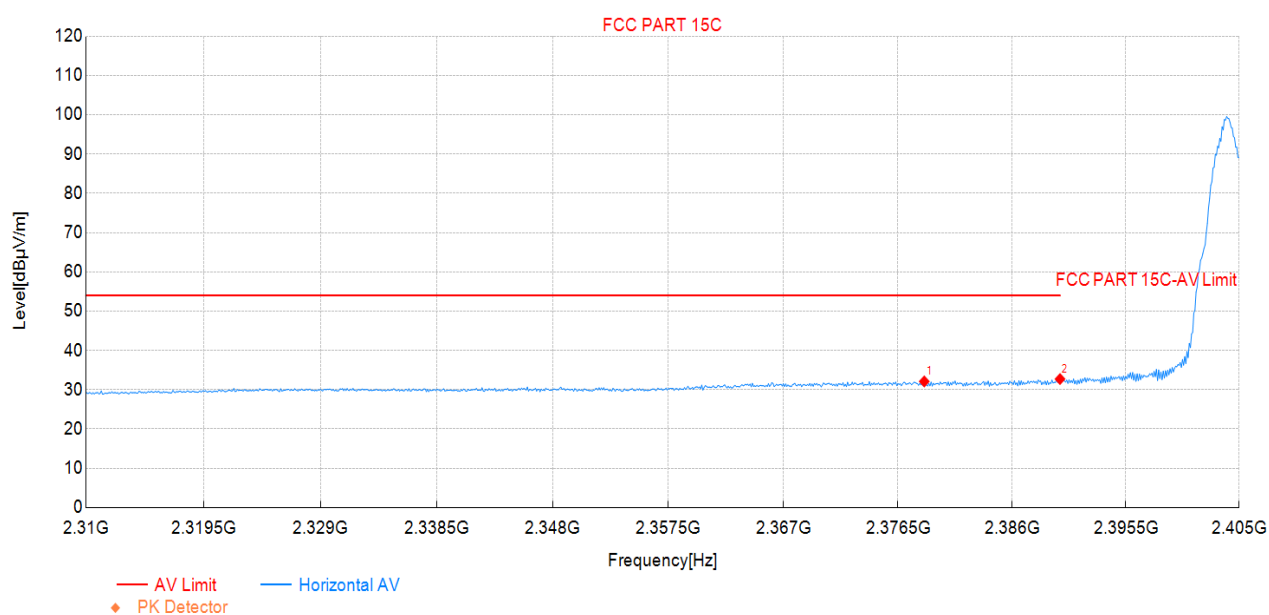


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2363.96	43.90	43.73	-0.170	74.00	30.27	PK	Vertic	PASS
2	2390.00	42.27	42.15	-0.120	74.00	31.85	PK	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

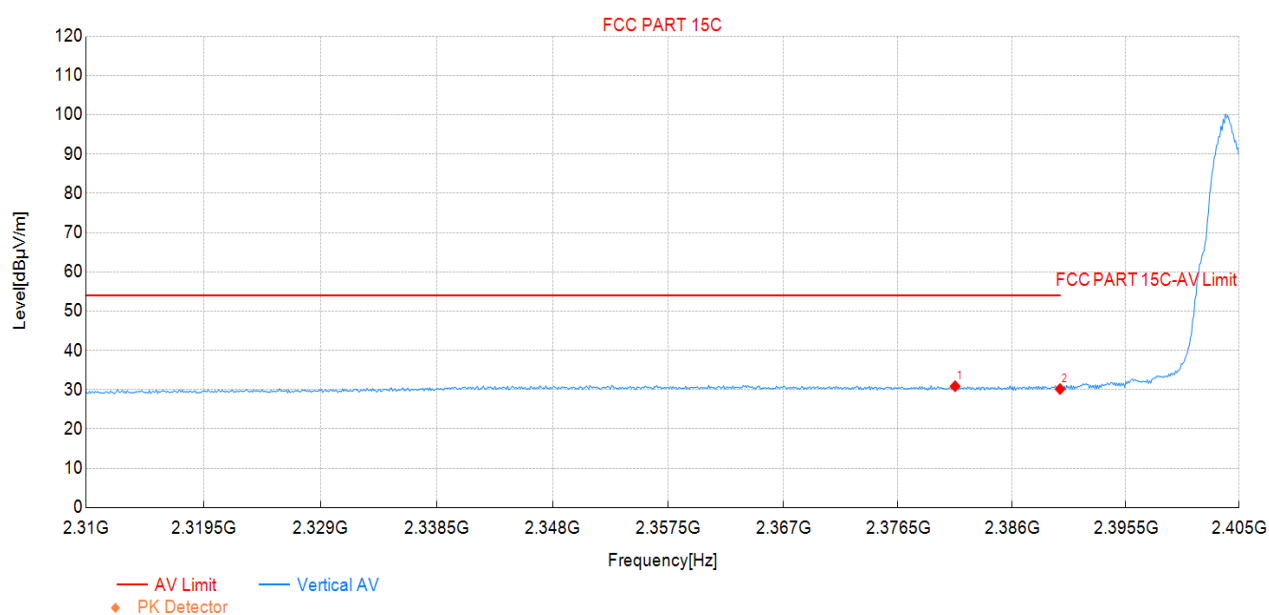


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2378.69	32.24	32.11	-0.130	54.00	21.89	AV	Horizo	PASS
2	2390.00	32.85	32.73	-0.120	54.00	21.27	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

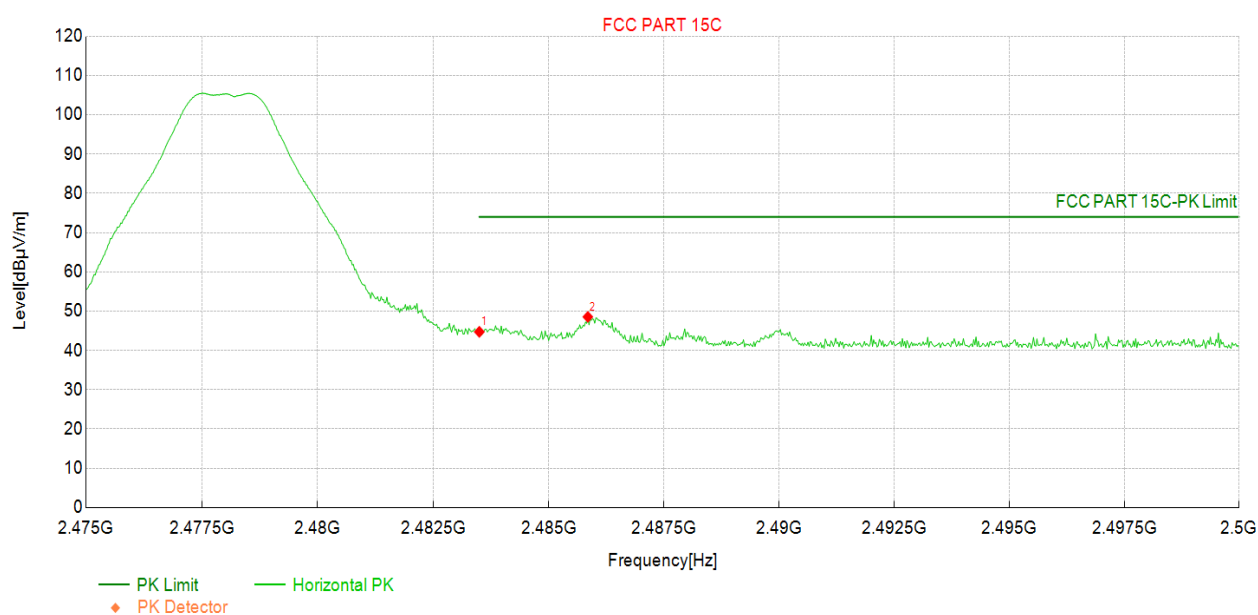


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2381.25	31.02	30.89	-0.130	54.00	23.11	AV	Vertic	PASS
2	2390.00	30.29	30.17	-0.120	54.00	23.83	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

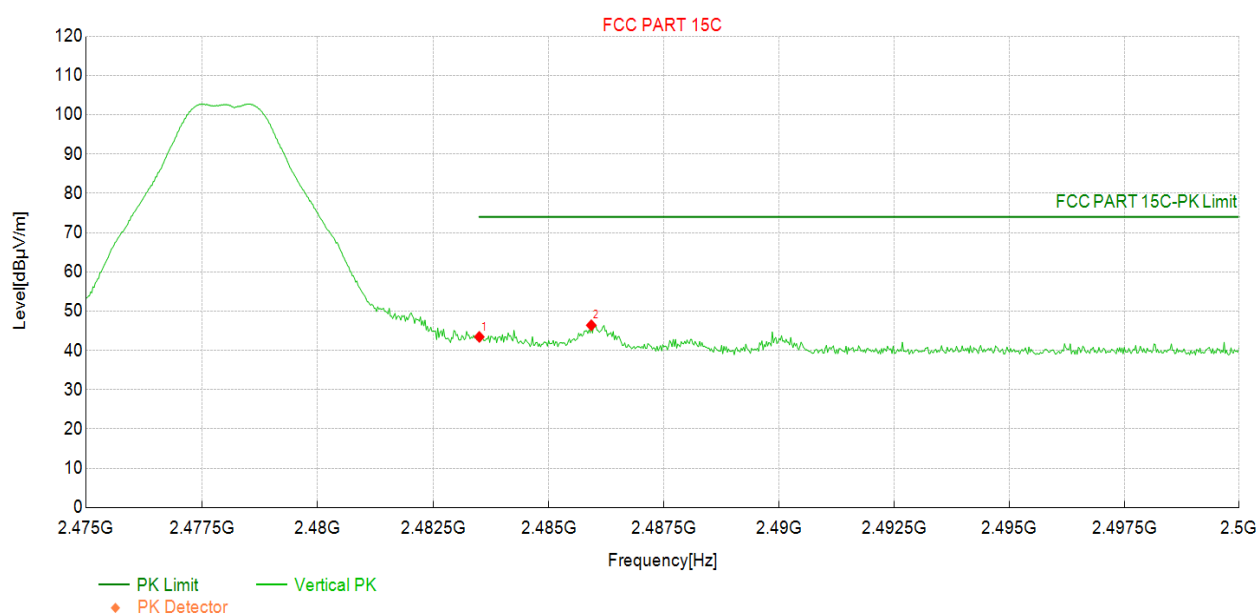


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.59	44.74	0.150	74.00	29.26	PK	Horizo	PASS
2	2485.85	48.39	48.55	0.160	74.00	25.45	PK	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

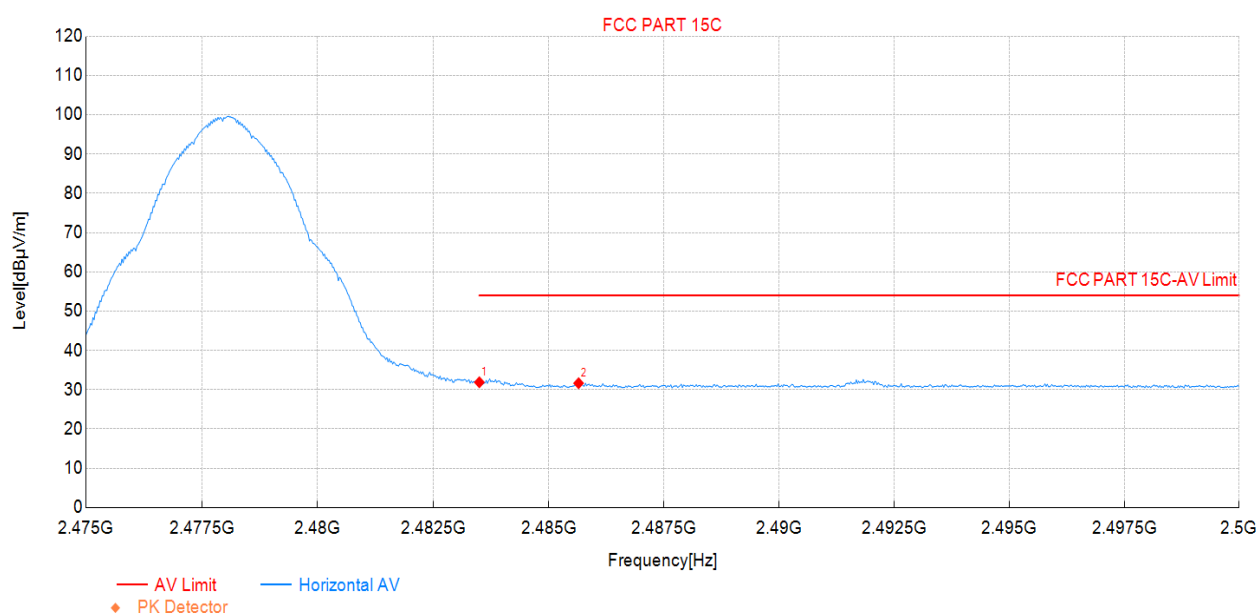


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	43.30	43.45	0.150	74.00	30.55	PK	Vertic	PASS
2	2485.93	46.25	46.41	0.160	74.00	27.59	PK	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

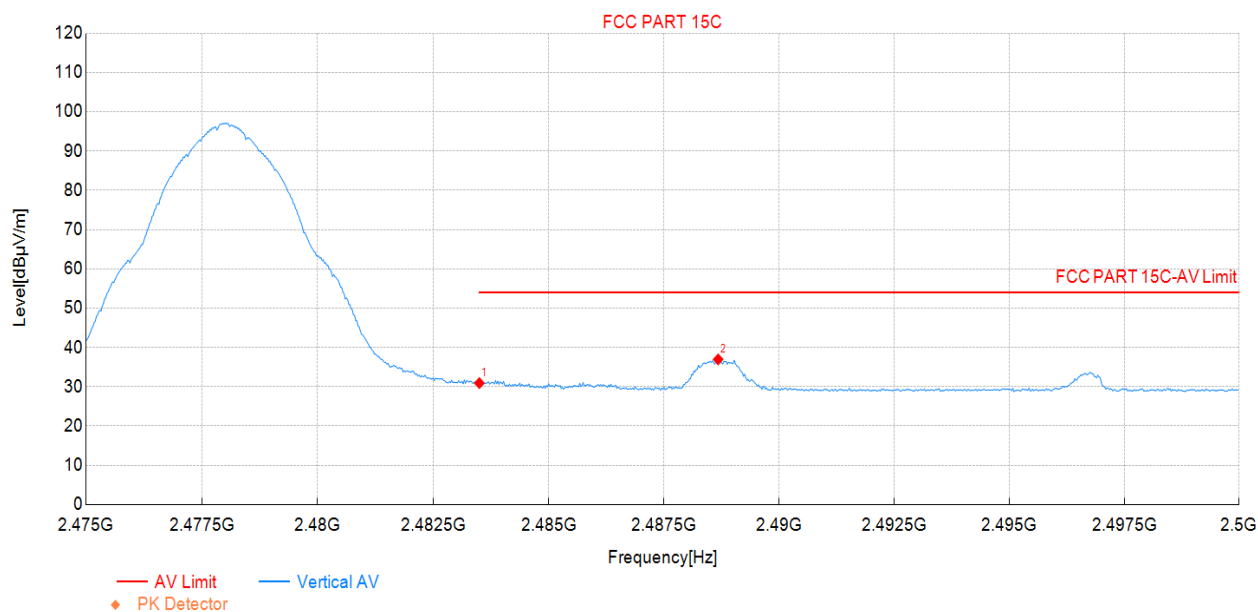


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	31.74	31.89	0.150	54.00	22.11	AV	Horizo	PASS
2	2485.65	31.50	31.66	0.160	54.00	22.34	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	2483.50	30.77	30.92	0.150	54.00	23.08	AV	Vertic	PASS
2	2488.68	36.79	36.96	0.170	54.00	17.04	AV	Vertic	PASS

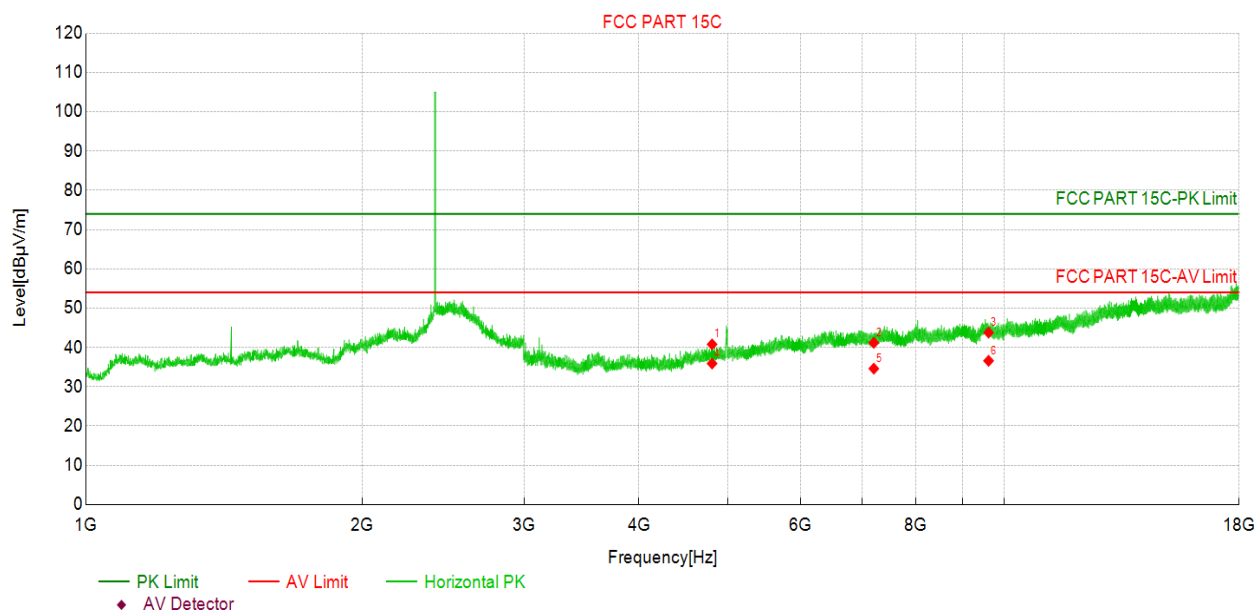
Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

Emissions in Restricted Bands

INPAQ Antenna:

Transmit at 2402MHz by LE_1Mbps

Test Graph

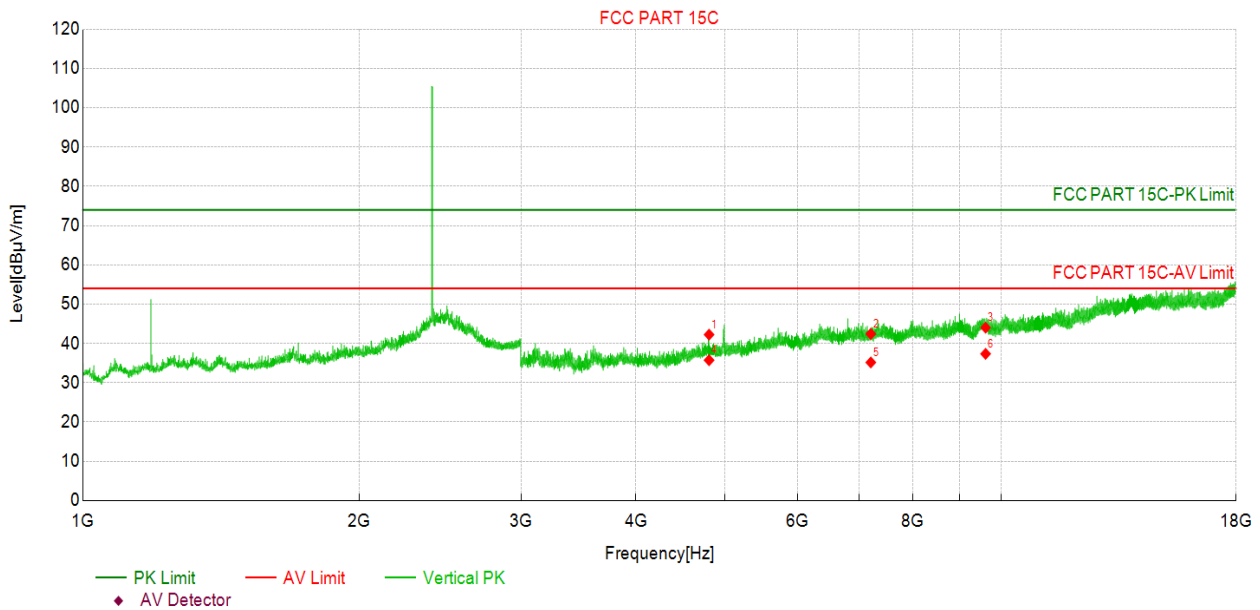


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	47.86	40.79	-7.070	74.00	33.21	PK	Horizo	PASS
2	7206.00	41.38	41.18	-0.200	74.00	32.82	PK	Horizo	PASS
3	9608.00	41.16	43.77	2.610	74.00	30.23	PK	Horizo	PASS
4	4804.00	42.97	35.90	-7.070	54.00	18.10	AV	Horizo	PASS
5	7206.00	34.81	34.61	-0.200	54.00	19.39	AV	Horizo	PASS
6	9608.00	33.99	36.60	2.610	54.00	17.40	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

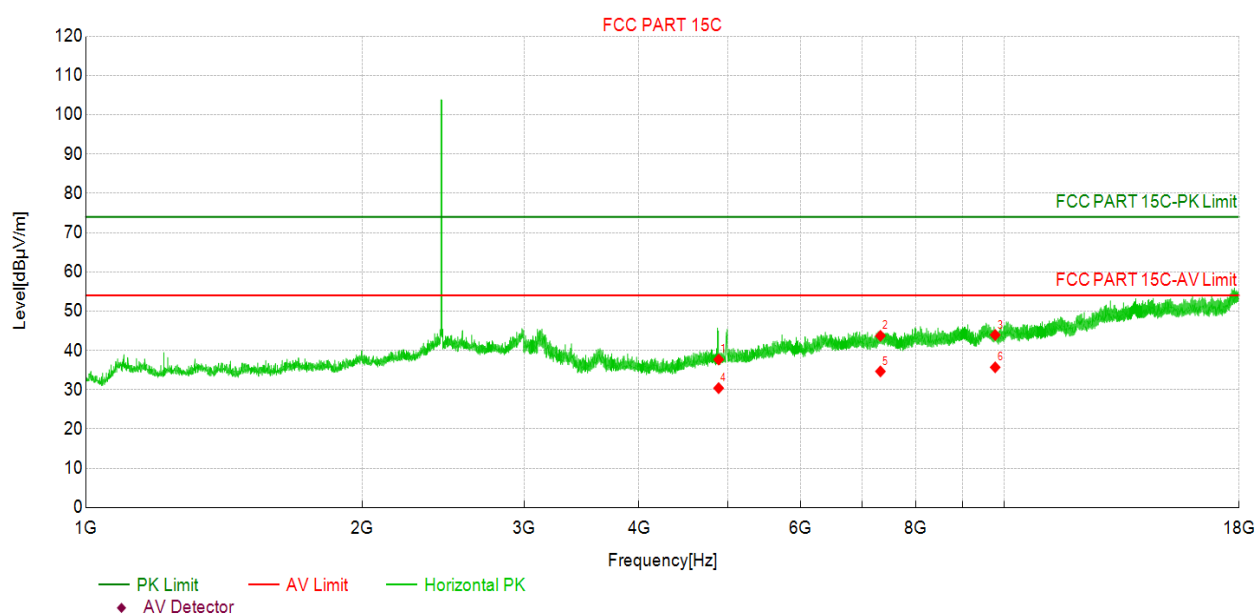


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.31	42.24	-7.070	74.00	31.76	PK	Vertic	PASS
2	7206.00	42.63	42.43	-0.200	74.00	31.57	PK	Vertic	PASS
3	9608.00	41.41	44.02	2.610	74.00	29.98	PK	Vertic	PASS
4	4804.00	42.81	35.74	-7.070	54.00	18.26	AV	Vertic	PASS
5	7206.00	35.37	35.17	-0.200	54.00	18.83	AV	Vertic	PASS
6	9608.00	34.74	37.35	2.610	54.00	16.65	AV	Vertic	PASS

Transmit at 2442MHz by LE_1Mbps

Test Graph

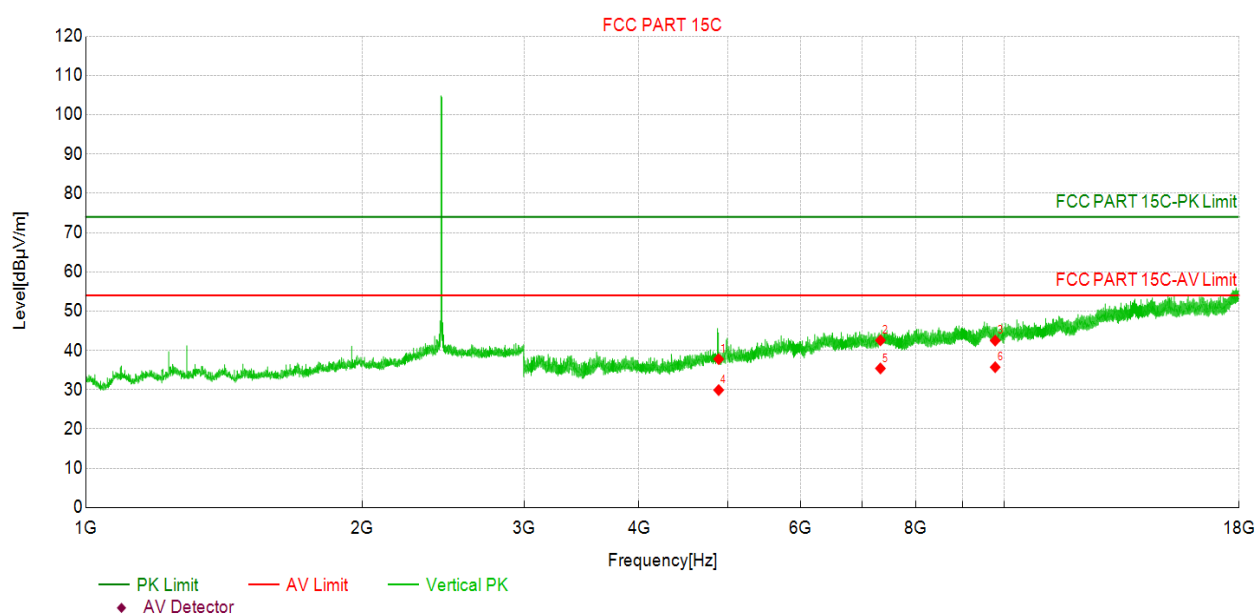


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4884.00	44.73	37.69	-7.040	74.00	36.31	PK	Horizo	PASS
2	7326.00	43.89	43.73	-0.160	74.00	30.27	PK	Horizo	PASS
3	9768.00	41.50	43.94	2.440	74.00	30.06	PK	Horizo	PASS
4	4884.00	37.45	30.41	-7.040	54.00	23.59	AV	Horizo	PASS
5	7326.00	34.83	34.67	-0.160	54.00	19.33	AV	Horizo	PASS
6	9768.00	33.27	35.71	2.440	54.00	18.29	AV	Horizo	PASS

Transmit at 2442MHz by LE_1Mbps

Test Graph

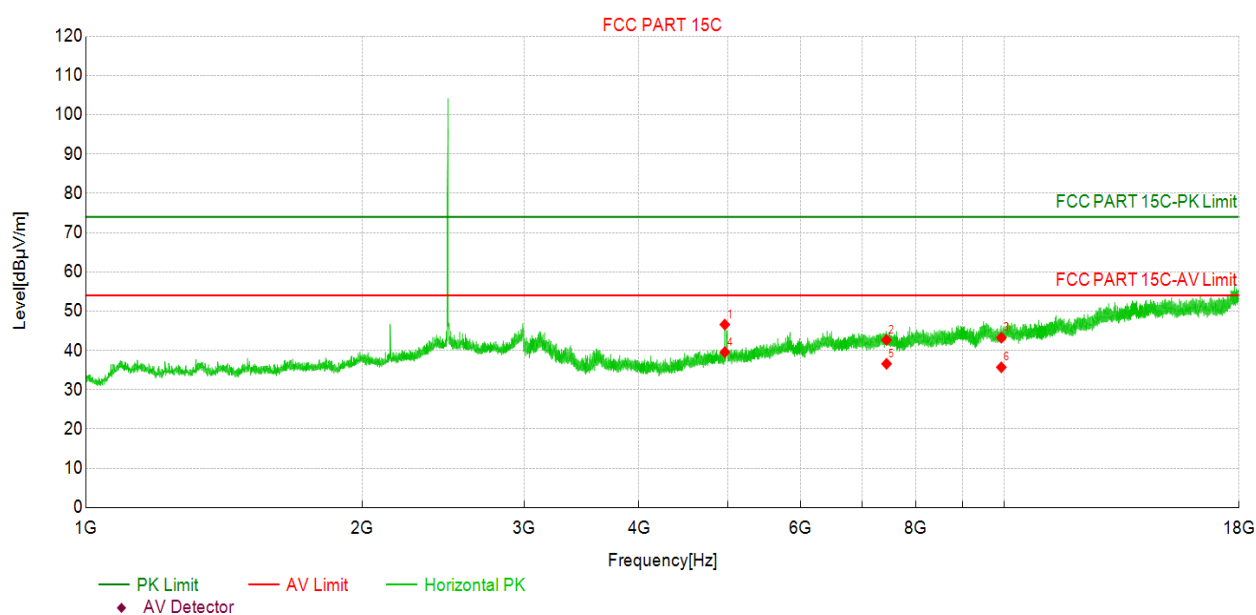


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4884.00	44.83	37.79	-7.040	74.00	36.21	PK	Vertic	PASS
2	7326.00	42.73	42.57	-0.160	74.00	31.43	PK	Vertic	PASS
3	9768.00	40.07	42.51	2.440	74.00	31.49	PK	Vertic	PASS
4	4884.00	36.95	29.91	-7.040	54.00	24.09	AV	Vertic	PASS
5	7326.00	35.59	35.43	-0.160	54.00	18.57	AV	Vertic	PASS
6	9768.00	33.29	35.73	2.440	54.00	18.27	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

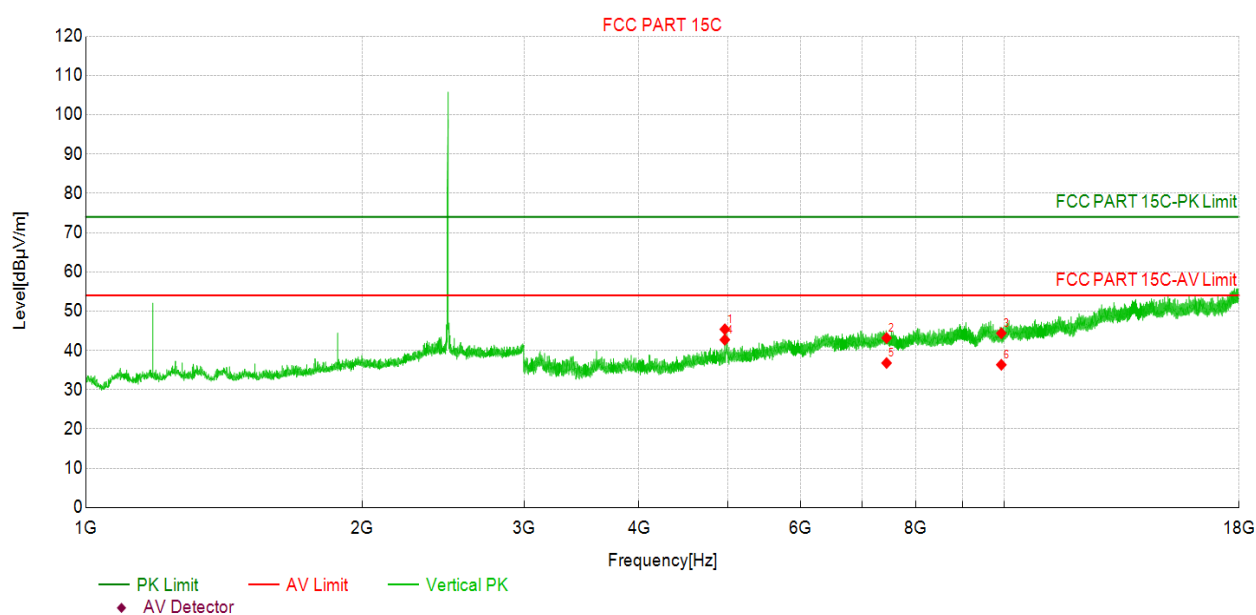


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	53.26	46.60	-6.660	74.00	27.40	PK	Horizo	PASS
2	7440.00	42.69	42.67	-0.020	74.00	31.33	PK	Horizo	PASS
3	9920.00	40.64	43.25	2.610	74.00	30.75	PK	Horizo	PASS
4	4960.00	46.23	39.57	-6.660	54.00	14.43	AV	Horizo	PASS
5	7440.00	36.62	36.60	-0.020	54.00	17.40	AV	Horizo	PASS
6	9920.00	33.10	35.71	2.610	54.00	18.29	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

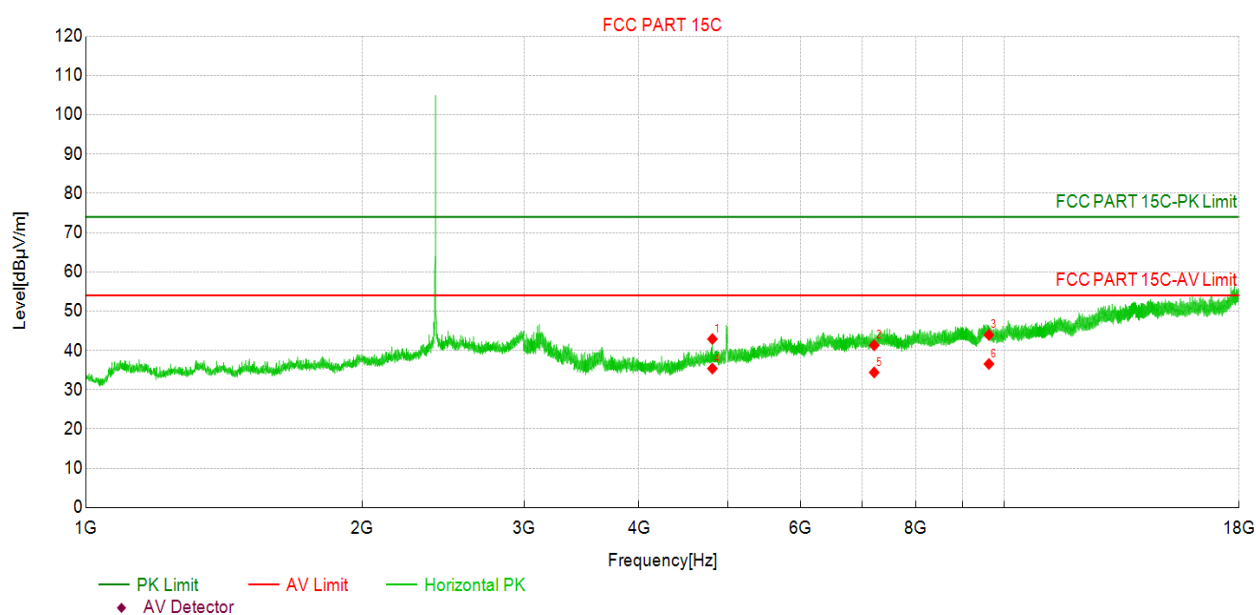


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	52.05	45.39	-6.660	74.00	28.61	PK	Vertic	PASS
2	7440.00	43.19	43.17	-0.020	74.00	30.83	PK	Vertic	PASS
3	9920.00	41.77	44.38	2.610	74.00	29.62	PK	Vertic	PASS
4	4960.00	49.39	42.73	-6.660	54.00	11.27	AV	Vertic	PASS
5	7440.00	36.82	36.80	-0.020	54.00	17.20	AV	Vertic	PASS
6	9920.00	33.74	36.35	2.610	54.00	17.65	AV	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

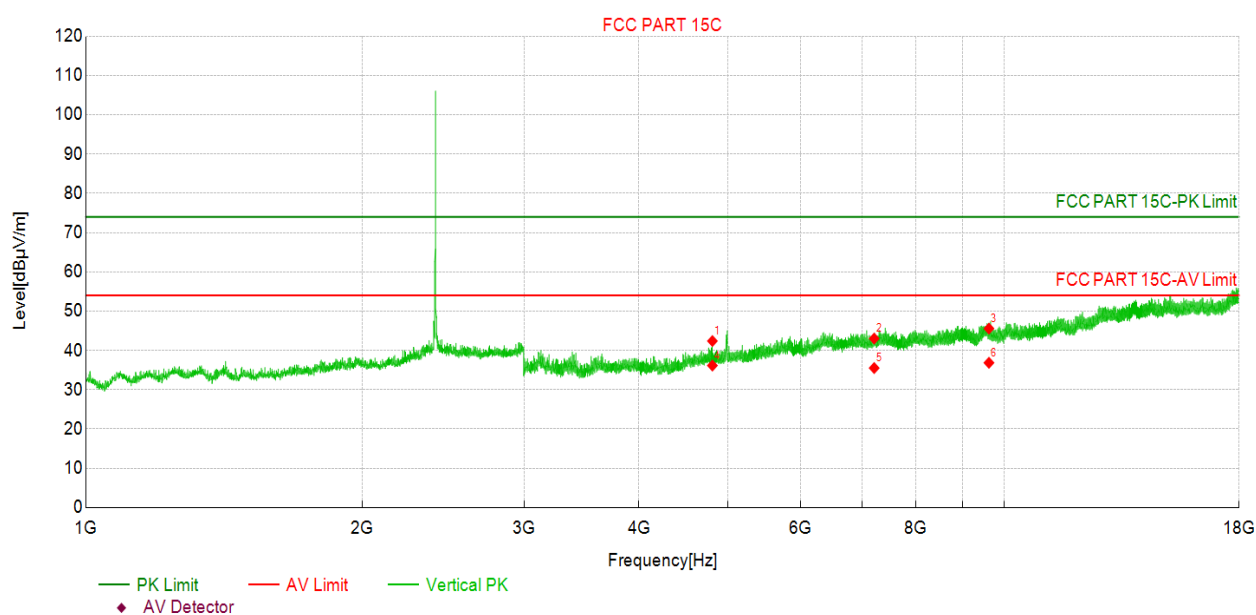


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4808.00	49.98	42.91	-7.070	74.00	31.09	PK	Horizo	PASS
2	7212.00	41.50	41.31	-0.190	74.00	32.69	PK	Horizo	PASS
3	9616.00	41.38	43.95	2.570	74.00	30.05	PK	Horizo	PASS
4	4808.00	42.46	35.39	-7.070	54.00	18.61	AV	Horizo	PASS
5	7212.00	34.59	34.40	-0.190	54.00	19.60	AV	Horizo	PASS
6	9616.00	33.99	36.56	2.570	54.00	17.44	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

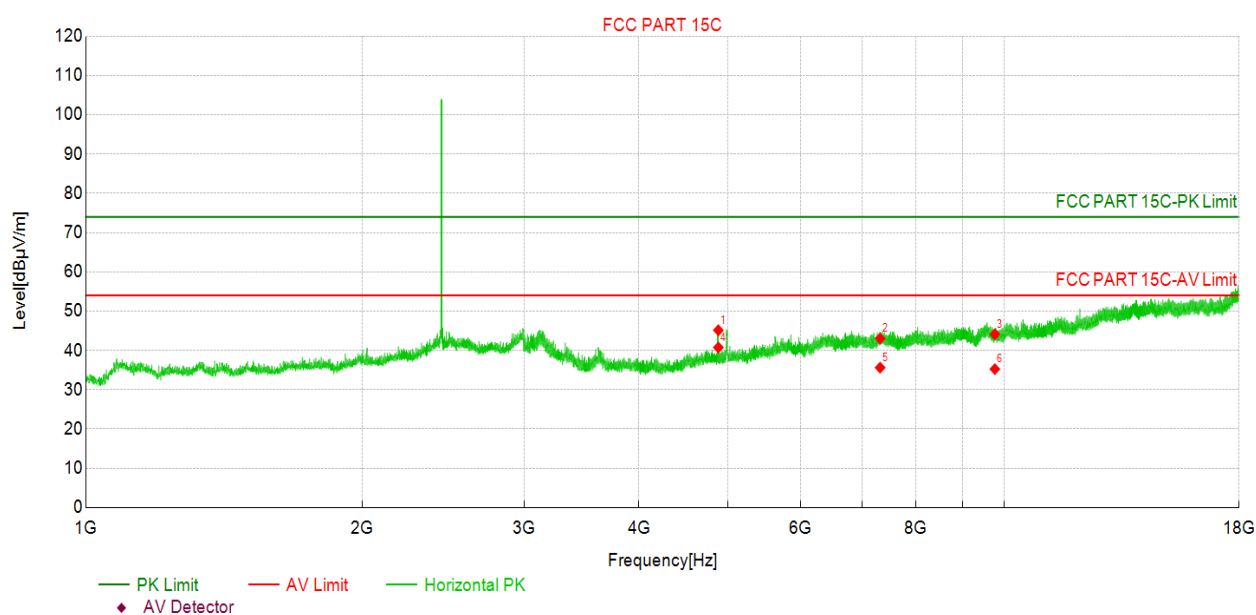


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4808.00	49.47	42.40	-7.070	74.00	31.60	PK	Vertic	PASS
2	7212.00	43.22	43.03	-0.190	74.00	30.97	PK	Vertic	PASS
3	9616.00	43.01	45.58	2.570	74.00	28.42	PK	Vertic	PASS
4	4808.00	43.23	36.16	-7.070	54.00	17.84	AV	Vertic	PASS
5	7212.00	35.72	35.53	-0.190	54.00	18.47	AV	Vertic	PASS
6	9616.00	34.29	36.86	2.570	54.00	17.14	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

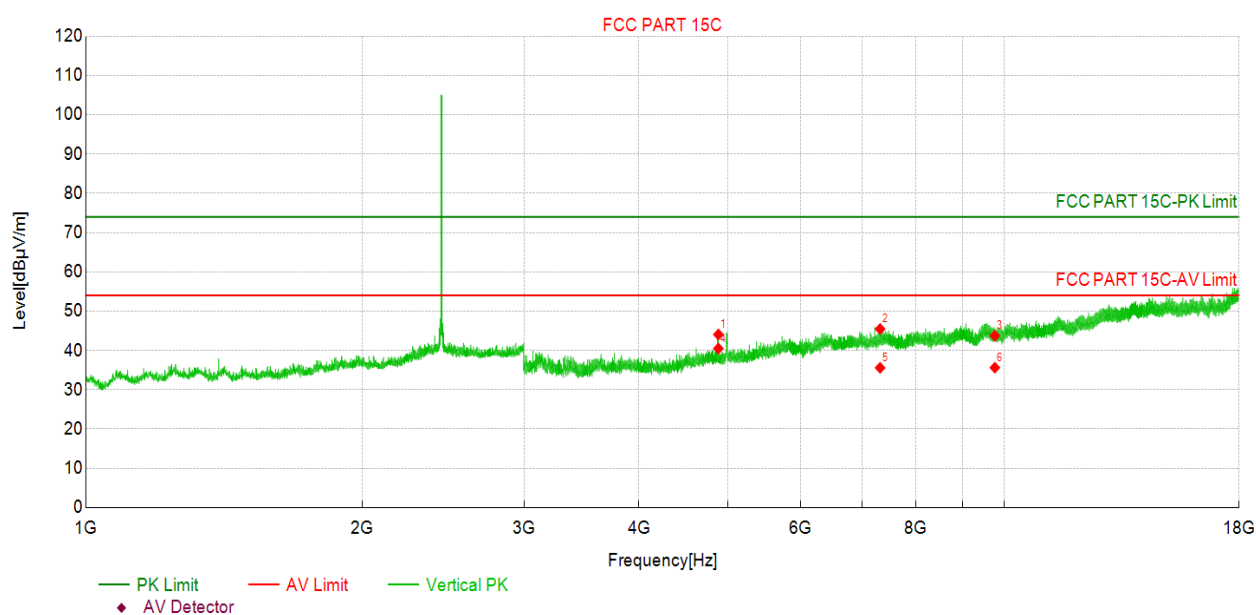


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	52.18	45.14	-7.040	74.00	28.86	PK	Horizo	PASS
2	7320.00	43.22	43.05	-0.170	74.00	30.95	PK	Horizo	PASS
3	9760.00	41.73	44.13	2.400	74.00	29.87	PK	Horizo	PASS
4	4880.00	47.79	40.75	-7.040	54.00	13.25	AV	Horizo	PASS
5	7320.00	35.79	35.62	-0.170	54.00	18.38	AV	Horizo	PASS
6	9760.00	32.85	35.25	2.400	54.00	18.75	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

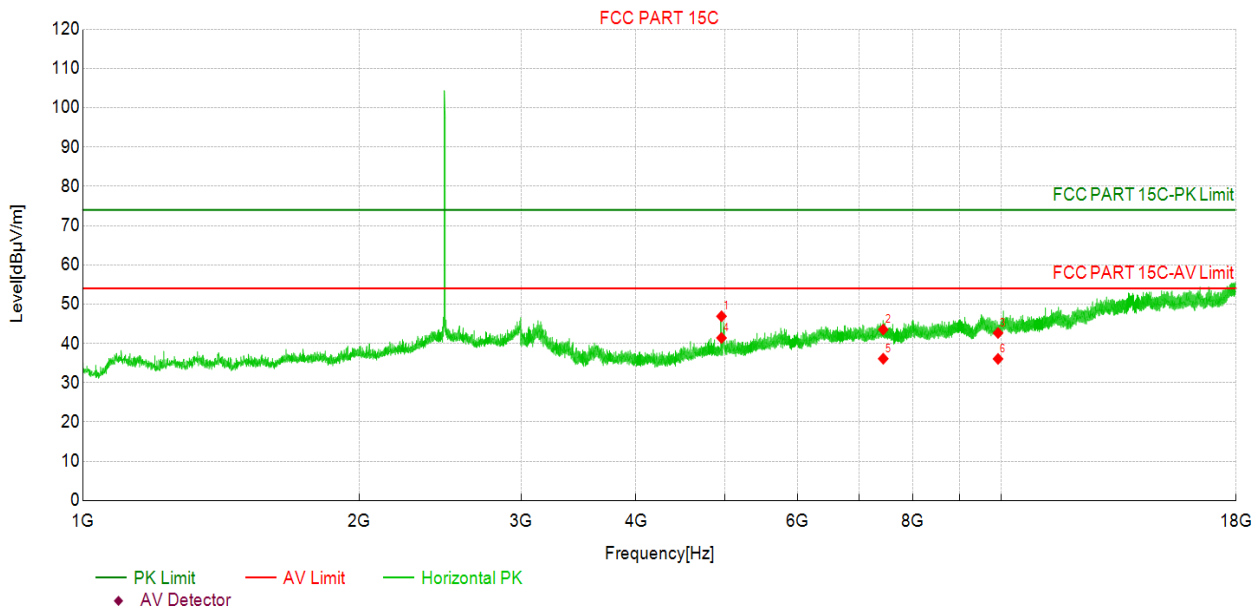


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	51.10	44.06	-7.040	74.00	29.94	PK	Vertic	PASS
2	7320.00	45.63	45.46	-0.170	74.00	28.54	PK	Vertic	PASS
3	9760.00	41.33	43.73	2.400	74.00	30.27	PK	Vertic	PASS
4	4880.00	47.51	40.47	-7.040	54.00	13.53	AV	Vertic	PASS
5	7320.00	35.75	35.58	-0.170	54.00	18.42	AV	Vertic	PASS
6	9760.00	33.21	35.61	2.400	54.00	18.39	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

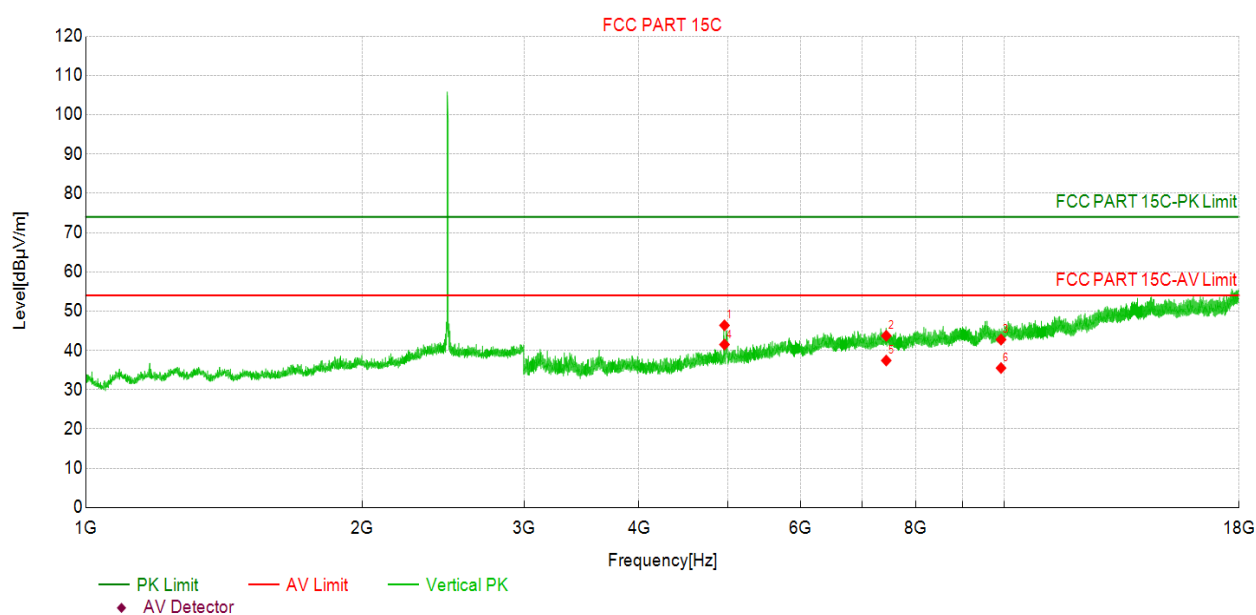


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4956.00	53.60	46.91	-6.690	74.00	27.09	PK	Horizo	PASS
2	7434.00	43.56	43.53	-0.030	74.00	30.47	PK	Horizo	PASS
3	9912.00	40.08	42.66	2.580	74.00	31.34	PK	Horizo	PASS
4	4956.00	48.10	41.41	-6.690	54.00	12.59	AV	Horizo	PASS
5	7434.00	36.14	36.11	-0.030	54.00	17.89	AV	Horizo	PASS
6	9912.00	33.49	36.07	2.580	54.00	17.93	AV	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

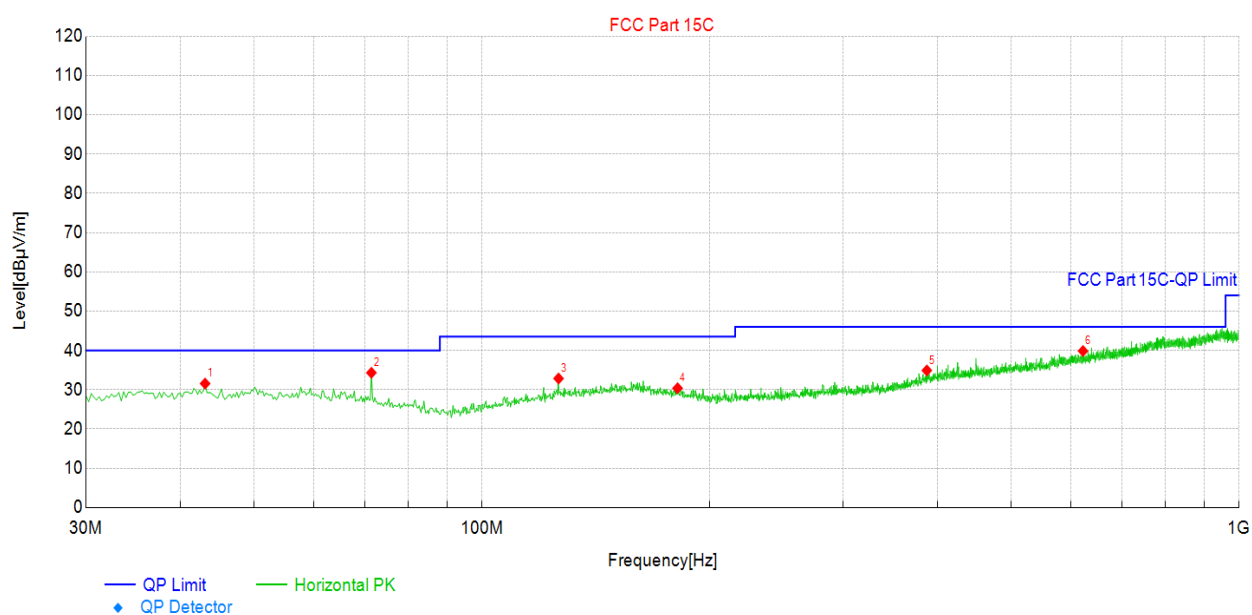


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4956.00	53.07	46.38	-6.690	74.00	27.62	PK	Vertic	PASS
2	7434.00	43.77	43.74	-0.030	74.00	30.26	PK	Vertic	PASS
3	9912.00	40.18	42.76	2.580	74.00	31.24	PK	Vertic	PASS
4	4956.00	48.20	41.51	-6.690	54.00	12.49	AV	Vertic	PASS
5	7434.00	37.46	37.43	-0.030	54.00	16.57	AV	Vertic	PASS
6	9912.00	32.94	35.52	2.580	54.00	18.48	AV	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

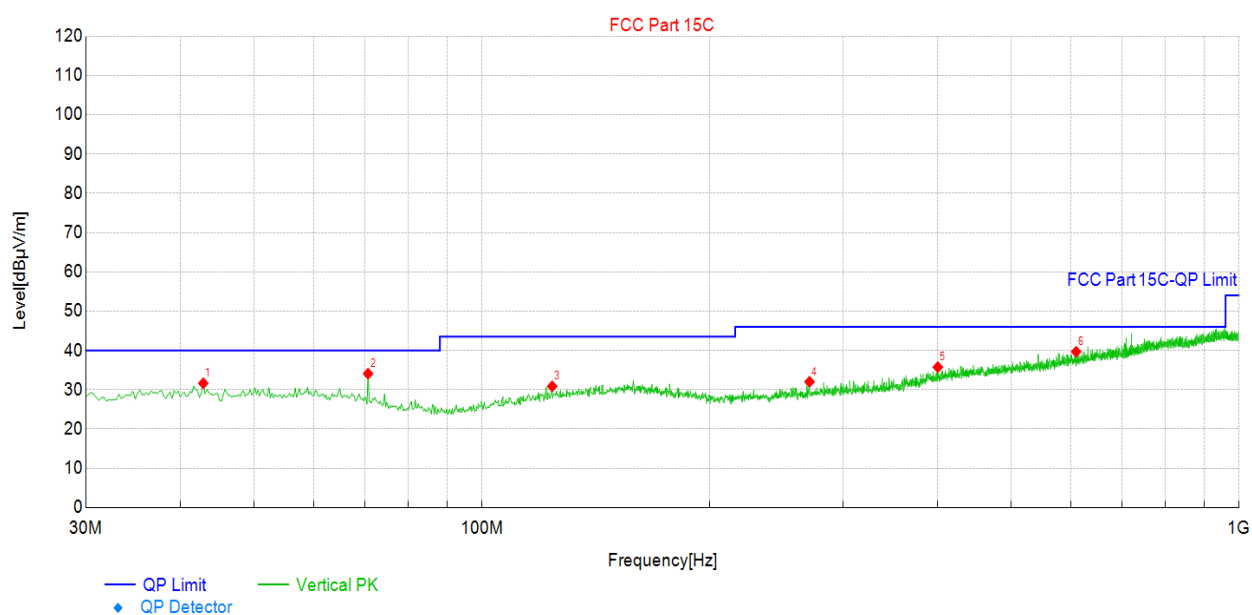


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	43.10	16.95	31.57	14.620	40.00	8.43	PK	Horizo	PASS
2	71.47	21.45	34.32	12.870	40.00	5.68	PK	Horizo	PASS
3	126.27	19.19	32.86	13.670	43.50	10.64	PK	Horizo	PASS
4	181.32	16.61	30.39	13.780	43.50	13.11	PK	Horizo	PASS
5	386.96	16.39	34.91	18.520	46.00	11.09	PK	Horizo	PASS
6	622.19	15.79	39.87	24.080	46.00	6.13	PK	Horizo	PASS

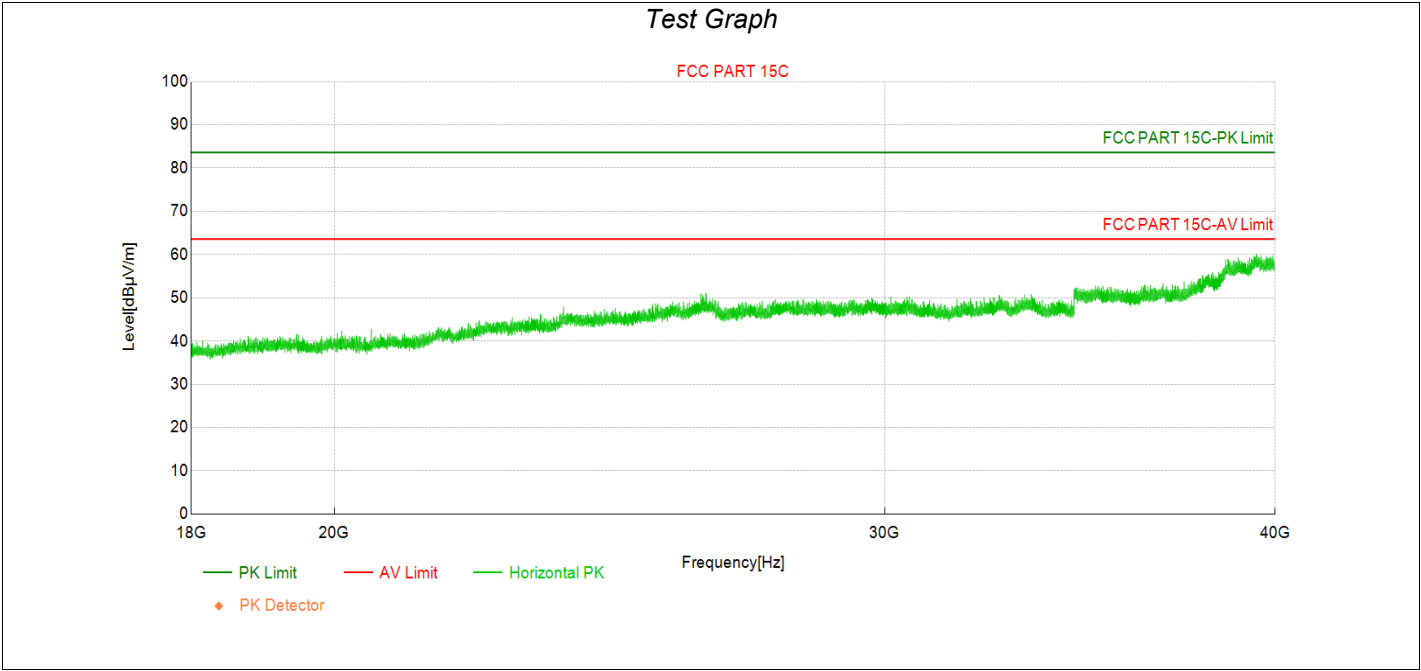
Transmit at 2402MHz by LE_1Mbps

Test Graph

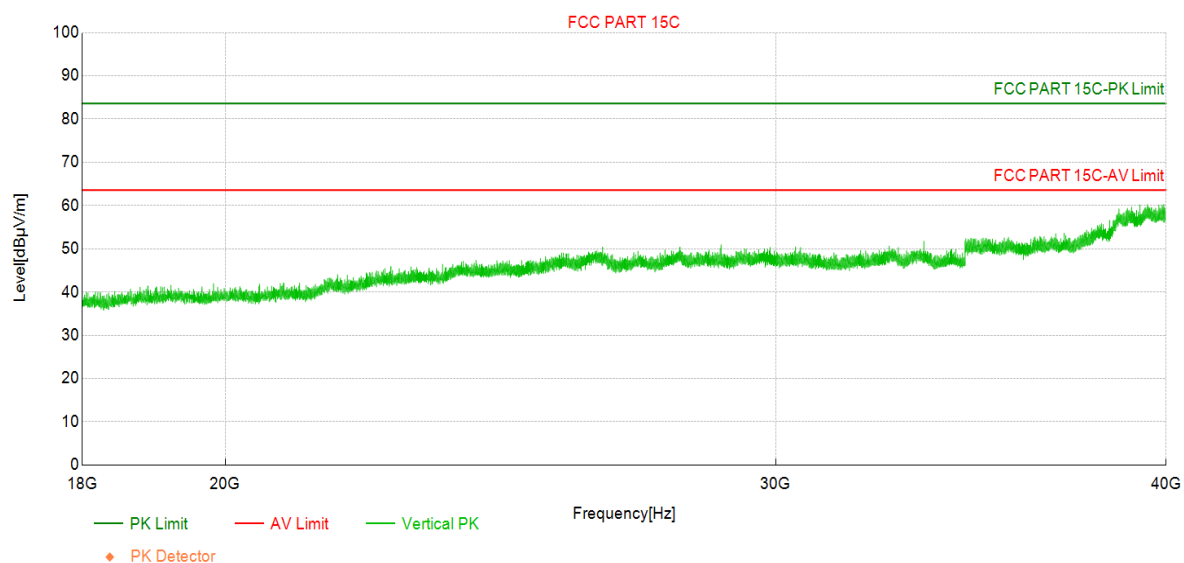


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	42.85	17.02	31.65	14.630	40.00	8.35	PK	Vertic	PASS
2	70.74	21.01	34.09	13.080	40.00	5.91	PK	Vertic	PASS
3	123.85	17.46	30.86	13.400	43.50	12.64	PK	Vertic	PASS
4	270.80	17.08	32.02	14.940	46.00	13.98	PK	Vertic	PASS
5	400.06	16.94	35.75	18.810	46.00	10.25	PK	Vertic	PASS
6	609.33	15.76	39.68	23.920	46.00	6.32	PK	Vertic	PASS



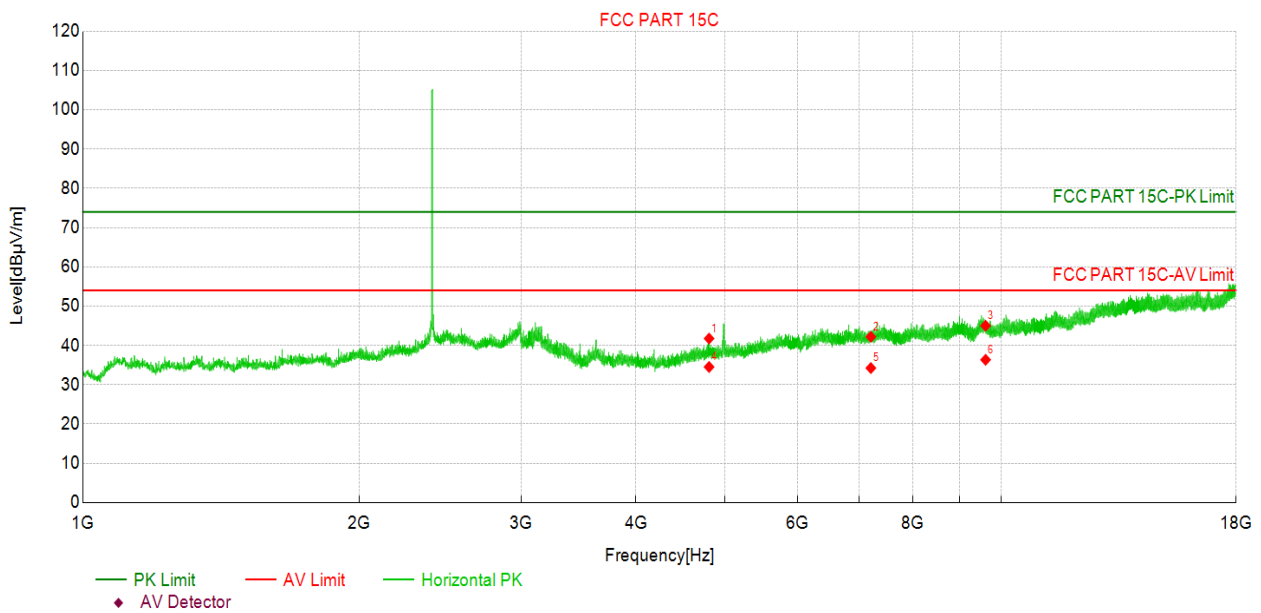
Test Graph



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.

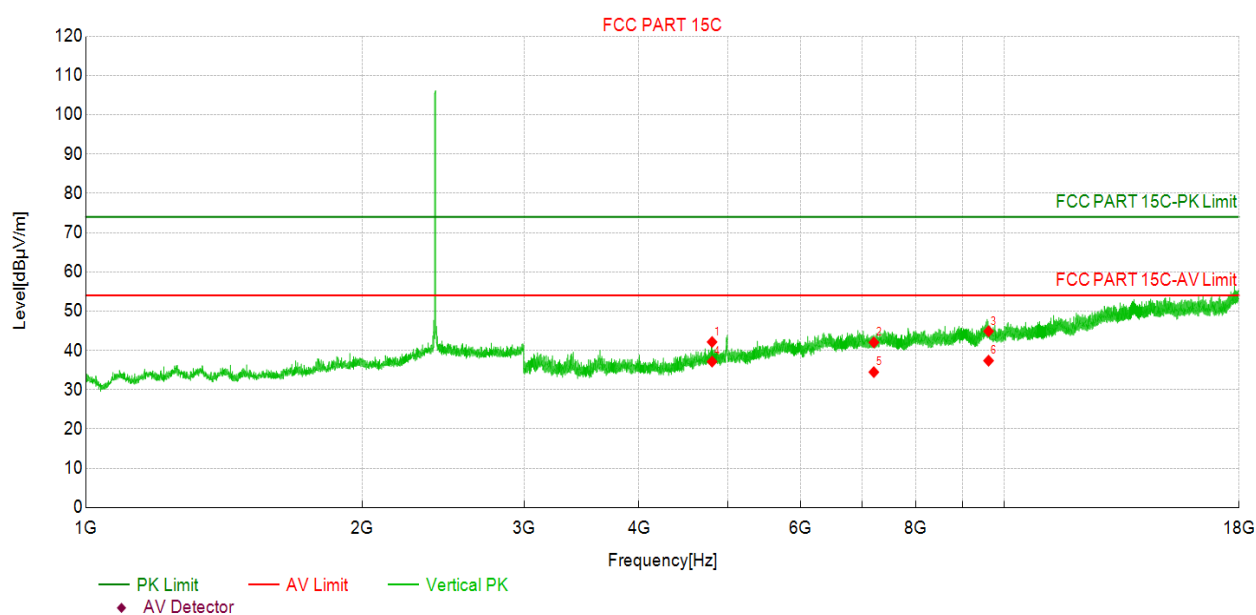
Note: All test data above 18GHz are noise base, so no data shown in this report.

INNOWAVE 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	48.83	41.76	-7.070	74.00	32.24	PK	Horizo	PASS
2	7206.00	42.40	42.20	-0.200	74.00	31.80	PK	Horizo	PASS
3	9608.00	42.40	45.01	2.610	74.00	28.99	PK	Horizo	PASS
4	4804.00	41.60	34.53	-7.070	54.00	19.47	AV	Horizo	PASS
5	7206.00	34.45	34.25	-0.200	54.00	19.75	AV	Horizo	PASS
6	9608.00	33.74	36.35	2.610	54.00	17.65	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

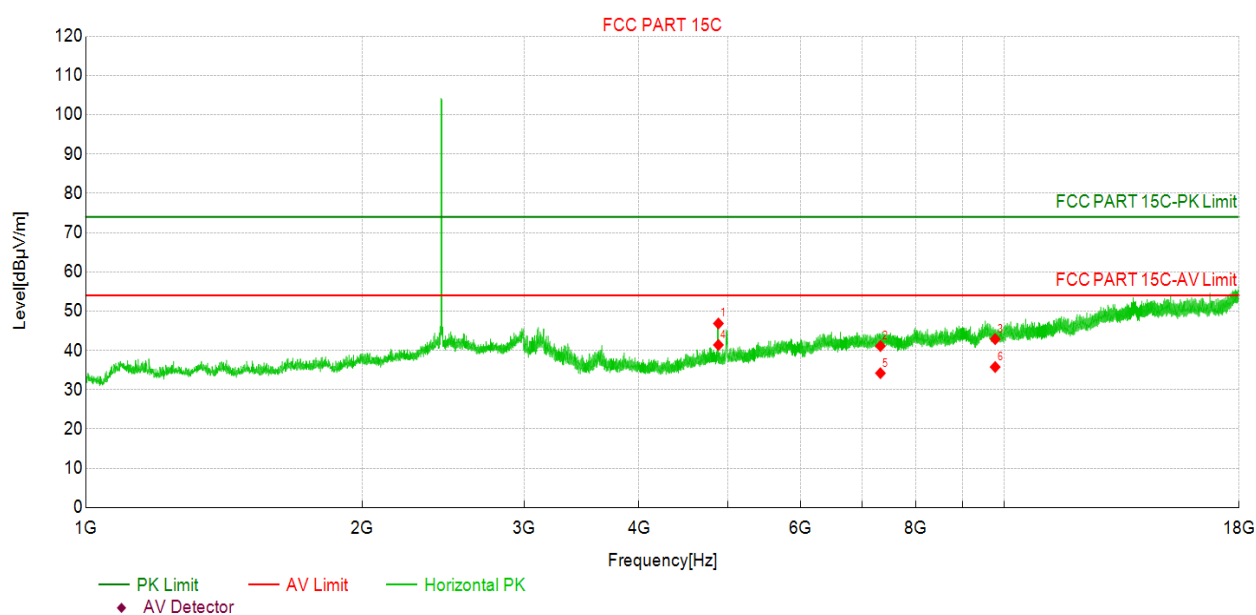


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	49.22	42.15	-7.070	74.00	31.85	PK	Vertic	PASS
2	7206.00	42.25	42.05	-0.200	74.00	31.95	PK	Vertic	PASS
3	9608.00	42.29	44.90	2.610	74.00	29.10	PK	Vertic	PASS
4	4804.00	44.24	37.17	-7.070	54.00	16.83	AV	Vertic	PASS
5	7206.00	34.69	34.49	-0.200	54.00	19.51	AV	Vertic	PASS
6	9608.00	34.78	37.39	2.610	54.00	16.61	AV	Vertic	PASS

Transmit at 2442MHz by LE_1Mbps

Test Graph

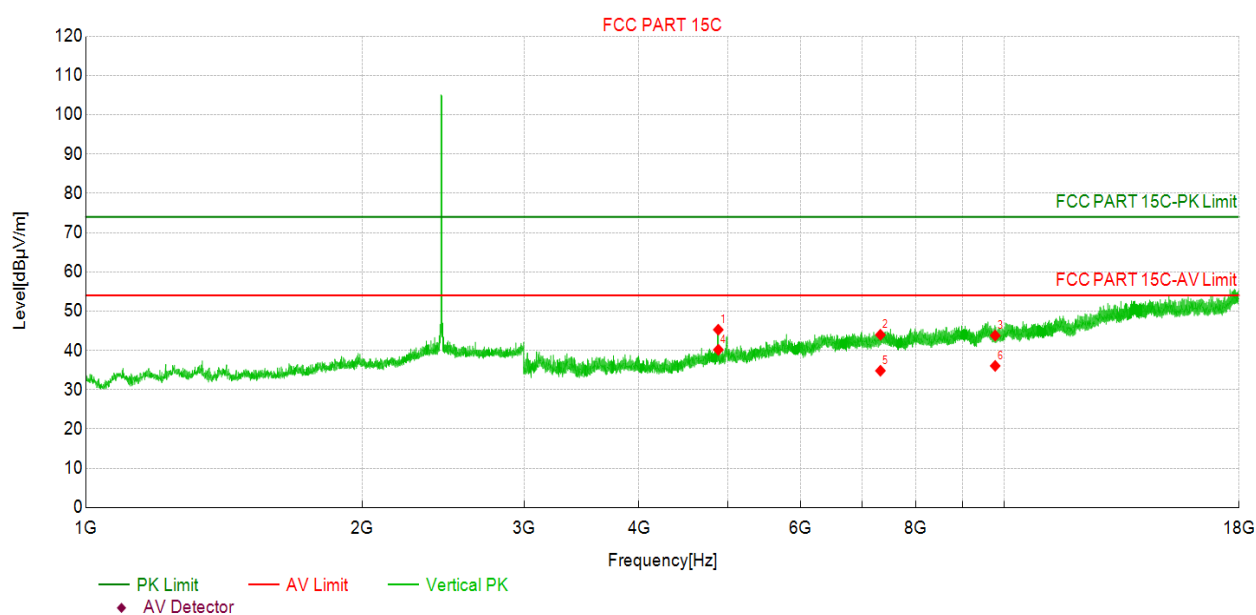


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.50	53.90	46.86	-7.040	74.00	27.14	PK	Horizo	PASS
2	7326.00	41.28	41.12	-0.160	74.00	32.88	PK	Horizo	PASS
3	9768.00	40.45	42.89	2.440	74.00	31.11	PK	Horizo	PASS
4	4881.00	48.43	41.39	-7.040	54.00	12.61	AV	Horizo	PASS
5	7326.00	34.37	34.21	-0.160	54.00	19.79	AV	Horizo	PASS
6	9768.00	33.34	35.78	2.440	54.00	18.22	AV	Horizo	PASS

Transmit at 2442MHz by LE_1Mbps

Test Graph

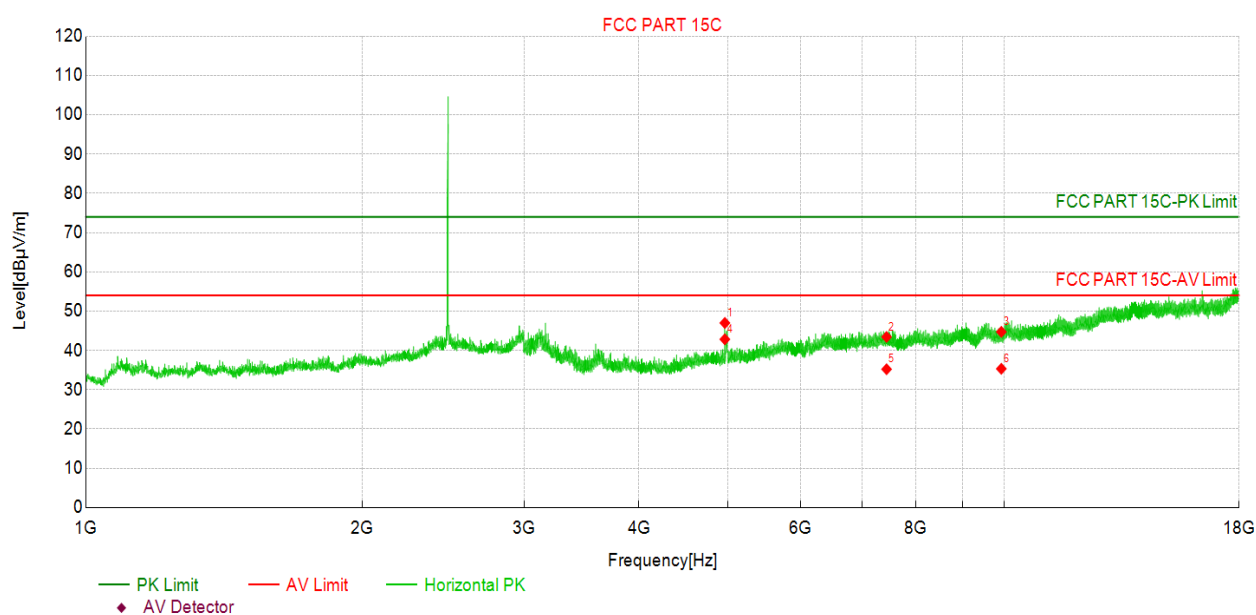


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.50	52.31	45.27	-7.040	74.00	28.73	PK	Vertic	PASS
2	7326.00	44.15	43.99	-0.160	74.00	30.01	PK	Vertic	PASS
3	9768.00	41.36	43.80	2.440	74.00	30.20	PK	Vertic	PASS
4	4880.00	47.22	40.18	-7.040	54.00	13.82	AV	Vertic	PASS
5	7326.00	34.99	34.83	-0.160	54.00	19.17	AV	Vertic	PASS
6	9768.00	33.63	36.07	2.440	54.00	17.93	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

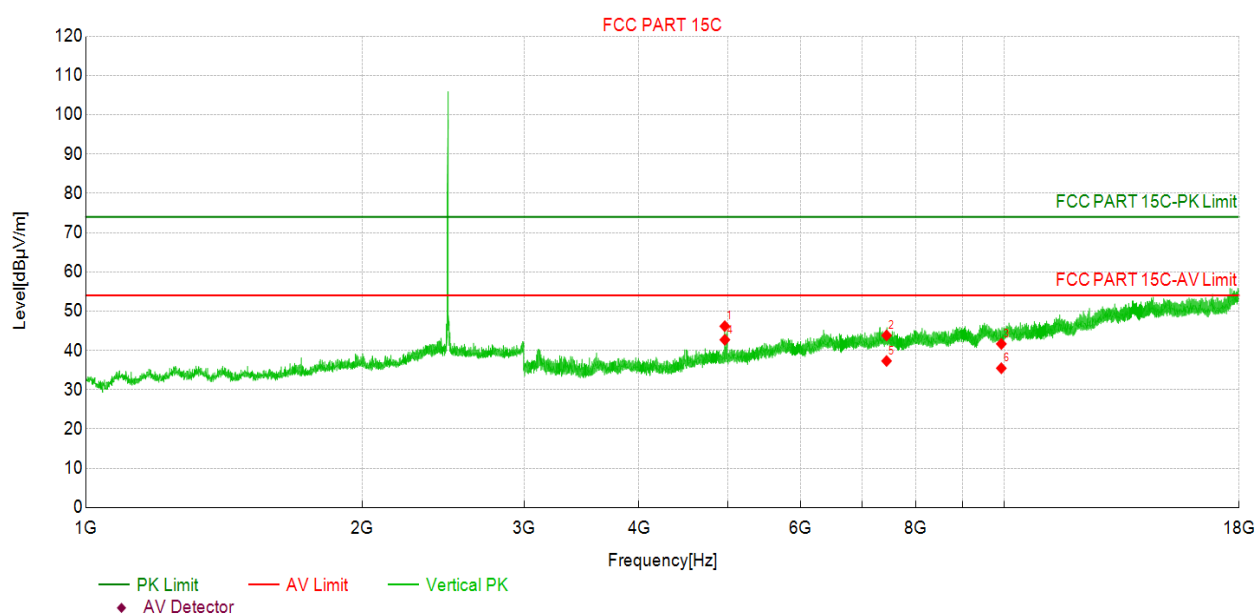


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.50	53.66	47.00	-6.660	74.00	27.00	PK	Horizo	PASS
2	7440.00	43.47	43.45	-0.020	74.00	30.55	PK	Horizo	PASS
3	9920.00	42.12	44.73	2.610	74.00	29.27	PK	Horizo	PASS
4	4960.00	49.50	42.84	-6.660	54.00	11.16	AV	Horizo	PASS
5	7440.00	35.24	35.22	-0.020	54.00	18.78	AV	Horizo	PASS
6	9920.00	32.73	35.34	2.610	54.00	18.66	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps

Test Graph

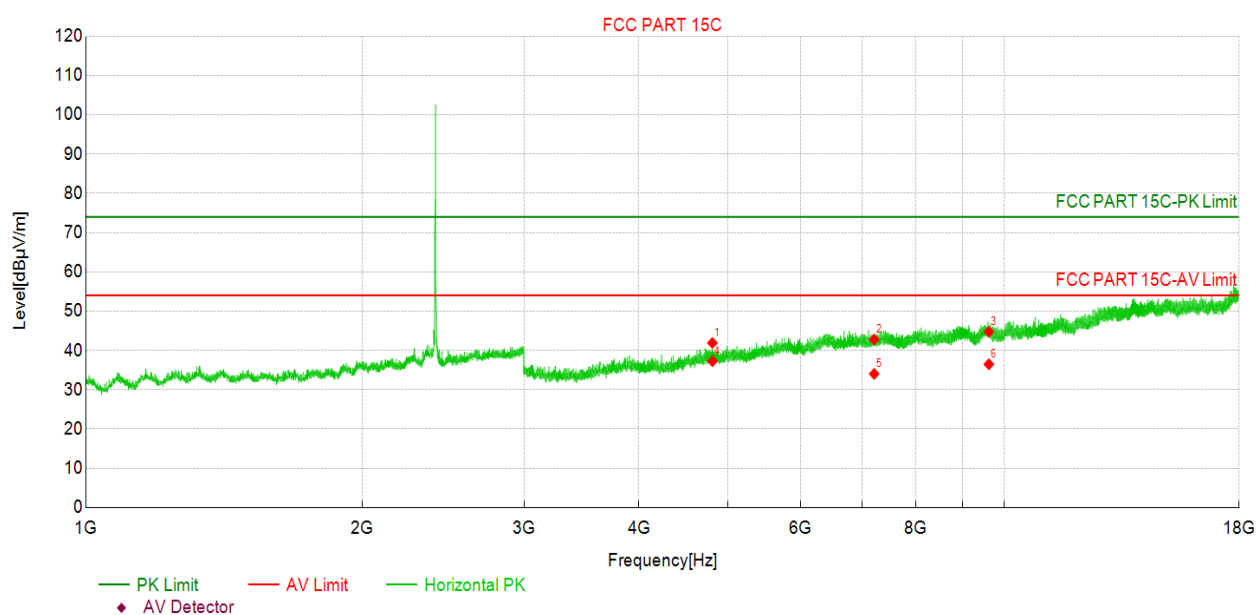


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4959.50	52.83	46.17	-6.660	74.00	27.83	PK	Vertic	PASS
2	7440.00	43.85	43.83	-0.020	74.00	30.17	PK	Vertic	PASS
3	9920.00	39.06	41.67	2.610	74.00	32.33	PK	Vertic	PASS
4	4960.50	49.37	42.71	-6.660	54.00	11.29	AV	Vertic	PASS
5	7440.00	37.34	37.32	-0.020	54.00	16.68	AV	Vertic	PASS
6	9920.00	32.86	35.47	2.610	54.00	18.53	AV	Vertic	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

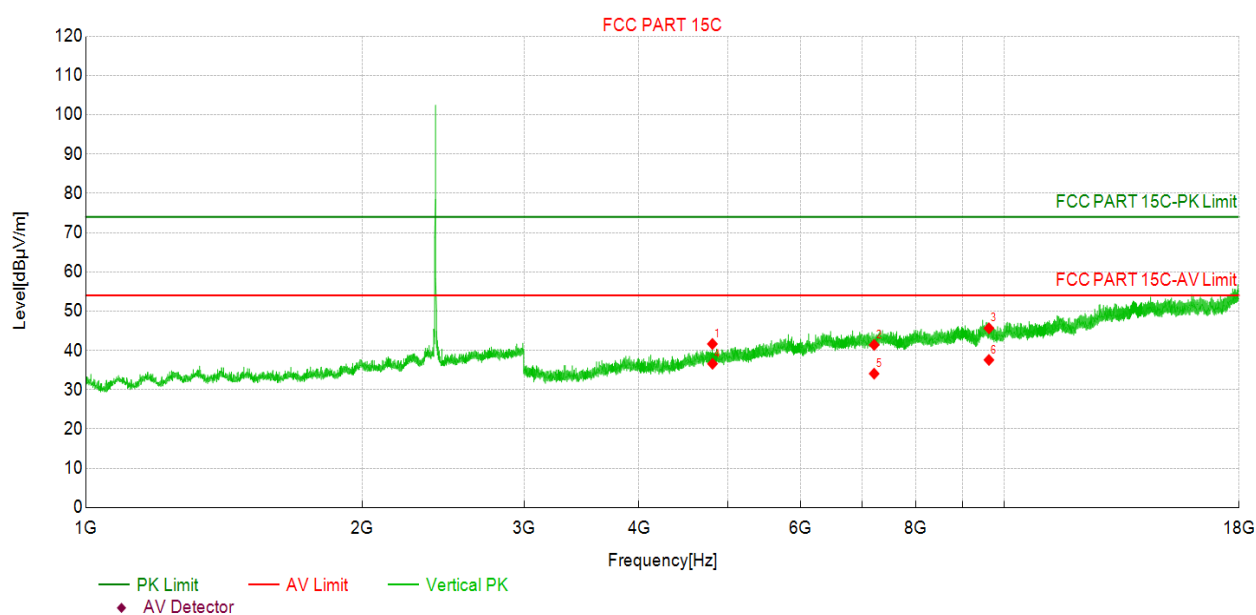


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4808.00	48.98	41.91	-7.070	74.00	32.09	PK	Horizo	PASS
2	7212.00	42.99	42.80	-0.190	74.00	31.20	PK	Horizo	PASS
3	9616.00	42.17	44.74	2.570	74.00	29.26	PK	Horizo	PASS
4	4808.50	44.33	37.26	-7.070	54.00	16.74	AV	Horizo	PASS
5	7212.00	34.23	34.04	-0.190	54.00	19.96	AV	Horizo	PASS
6	9616.00	33.91	36.48	2.570	54.00	17.52	AV	Horizo	PASS

Transmit at 2404MHz by LE_2Mbps

Test Graph

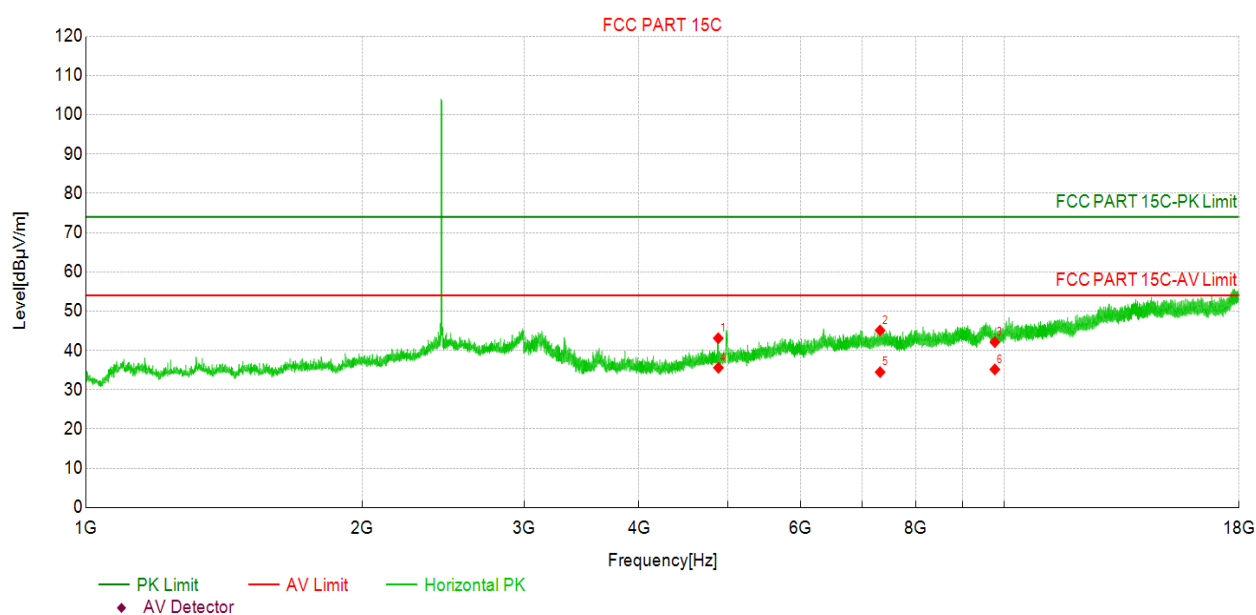


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4808.00	48.72	41.65	-7.070	74.00	32.35	PK	Vertic	PASS
2	7212.00	41.61	41.42	-0.190	74.00	32.58	PK	Vertic	PASS
3	9616.00	43.08	45.65	2.570	74.00	28.35	PK	Vertic	PASS
4	4809.50	43.68	36.61	-7.070	54.00	17.39	AV	Vertic	PASS
5	7212.00	34.28	34.09	-0.190	54.00	19.91	AV	Vertic	PASS
6	9616.00	35.01	37.58	2.570	54.00	16.42	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

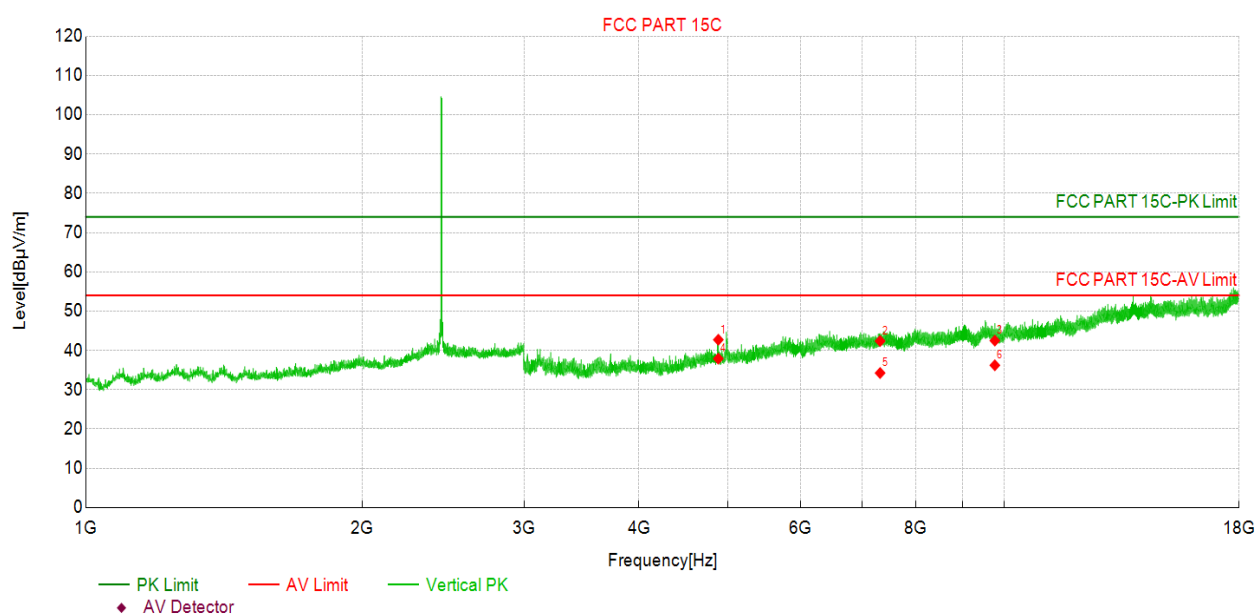


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4879.00	50.15	43.11	-7.040	74.00	30.89	PK	Horizo	PASS
2	7320.00	45.28	45.11	-0.170	74.00	28.89	PK	Horizo	PASS
3	9760.00	39.71	42.11	2.400	74.00	31.89	PK	Horizo	PASS
4	4880.50	42.64	35.60	-7.040	54.00	18.40	AV	Horizo	PASS
5	7320.00	34.66	34.49	-0.170	54.00	19.51	AV	Horizo	PASS
6	9760.00	32.78	35.18	2.400	54.00	18.82	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps

Test Graph

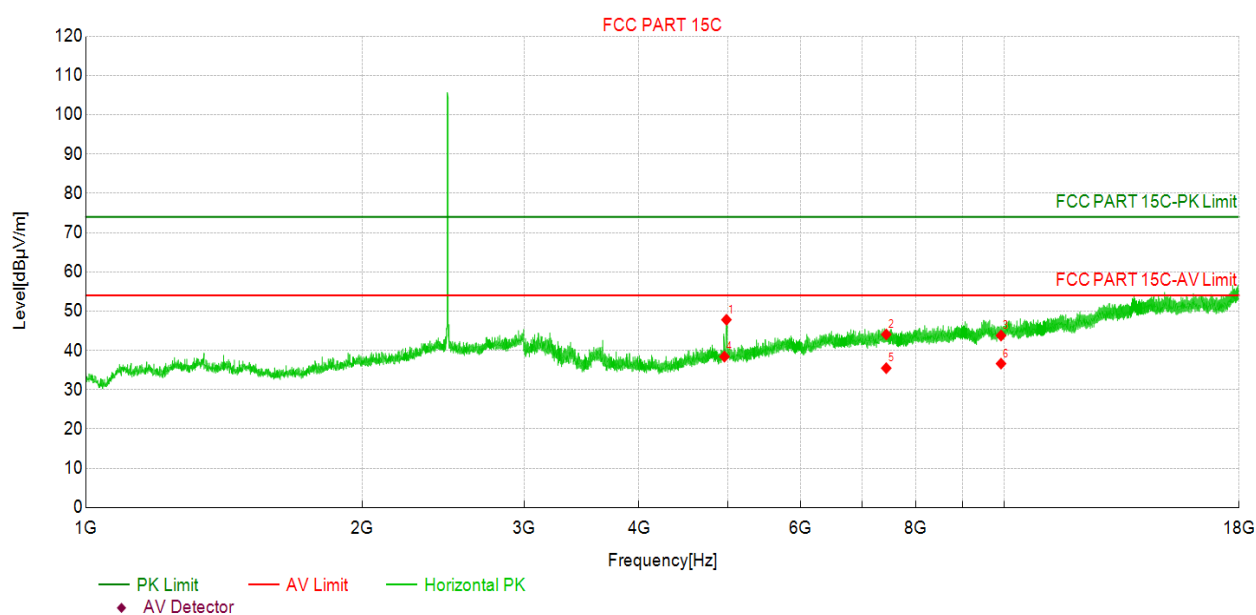


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	49.76	42.72	-7.040	74.00	31.28	PK	Vertic	PASS
2	7320.00	42.57	42.40	-0.170	74.00	31.60	PK	Vertic	PASS
3	9760.00	40.10	42.50	2.400	74.00	31.50	PK	Vertic	PASS
4	4879.50	44.96	37.92	-7.040	54.00	16.08	AV	Vertic	PASS
5	7320.00	34.43	34.26	-0.170	54.00	19.74	AV	Vertic	PASS
6	9760.00	33.83	36.23	2.400	54.00	17.77	AV	Vertic	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

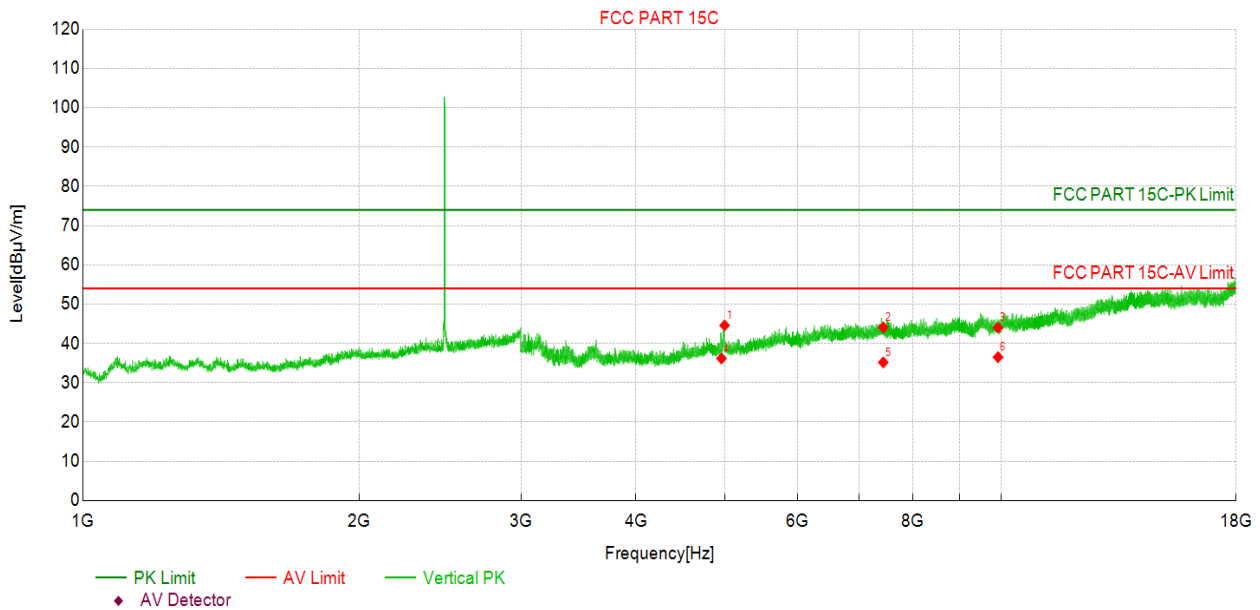


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4980.00	54.36	47.81	-6.550	74.00	26.19	PK	Horizo	PASS
2	7434.00	44.11	44.08	-0.030	74.00	29.92	PK	Horizo	PASS
3	9912.00	41.22	43.80	2.580	74.00	30.20	PK	Horizo	PASS
4	4955.50	45.13	38.44	-6.690	54.00	15.56	AV	Horizo	PASS
5	7434.00	35.53	35.50	-0.030	54.00	18.50	AV	Horizo	PASS
6	9912.00	34.06	36.64	2.580	54.00	17.36	AV	Horizo	PASS

Transmit at 2478MHz by LE_2Mbps

Test Graph

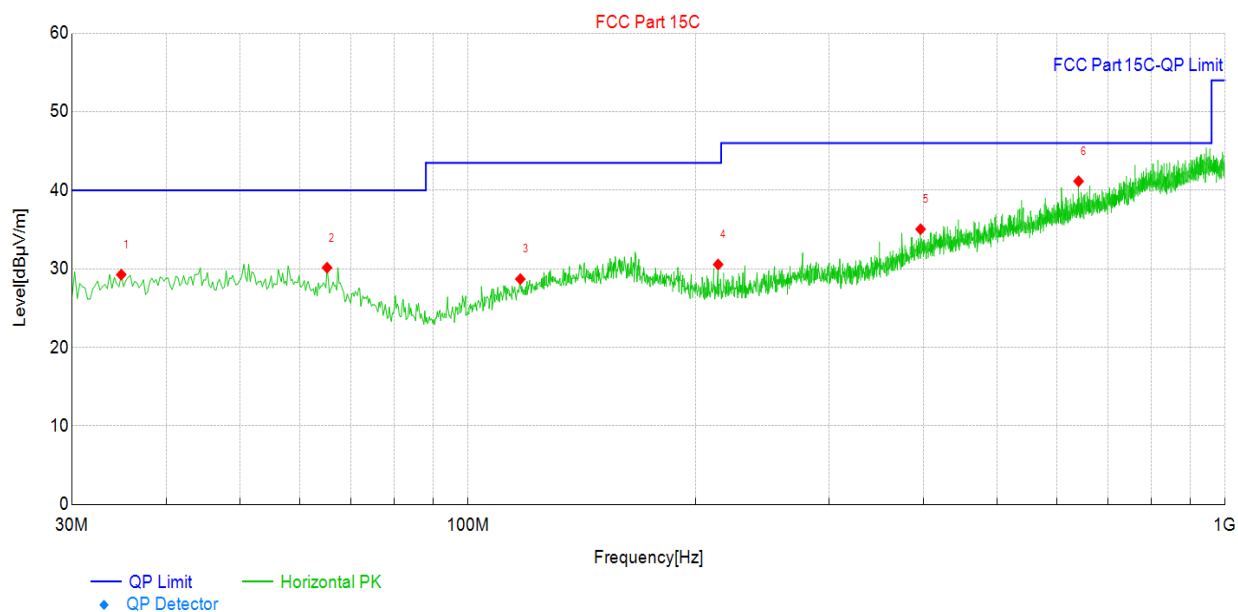


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4994.50	51.05	44.59	-6.460	74.00	29.41	PK	Vertic	PASS
2	7434.00	44.13	44.10	-0.030	74.00	29.90	PK	Vertic	PASS
3	9912.00	41.45	44.03	2.580	74.00	29.97	PK	Vertic	PASS
4	4955.50	42.86	36.17	-6.690	54.00	17.83	AV	Vertic	PASS
5	7434.00	35.21	35.18	-0.030	54.00	18.82	AV	Vertic	PASS
6	9912.00	33.93	36.51	2.580	54.00	17.49	AV	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps

Test Graph

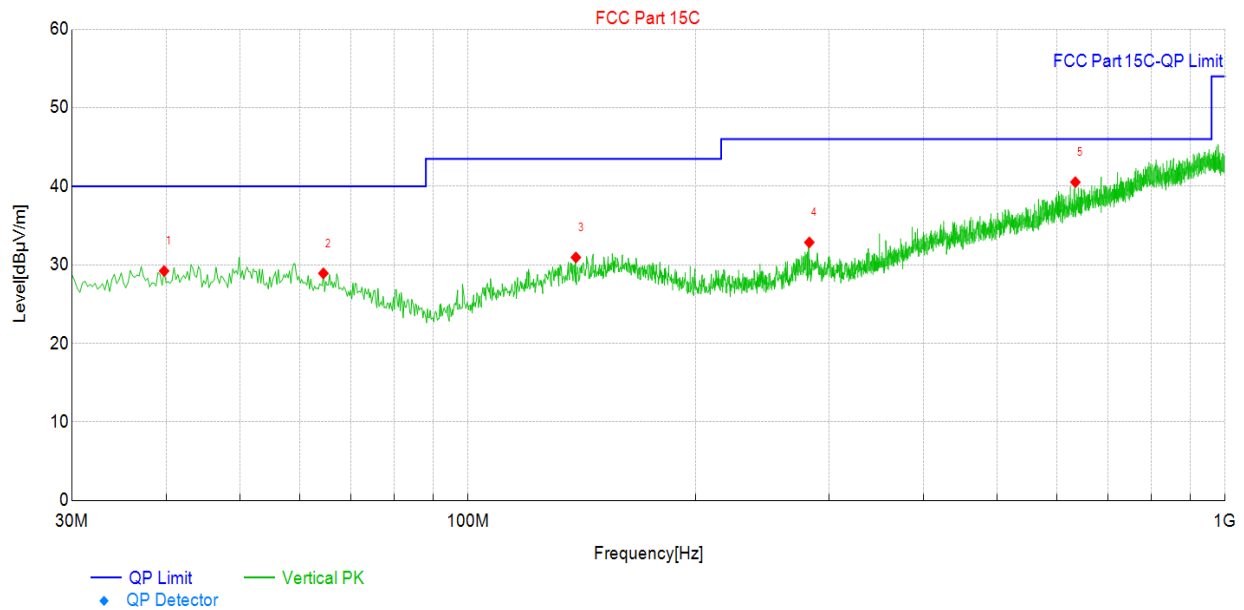


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	34.85	15.30	29.27	13.970	40.00	10.73	PK	Horizo	PASS
2	65.16	16.30	30.15	13.850	40.00	9.85	PK	Horizo	PASS
3	117.30	16.00	28.70	12.700	43.50	14.80	PK	Horizo	PASS
4	214.06	17.80	30.56	12.760	43.50	12.94	PK	Horizo	PASS
5	396.18	16.29	35.05	18.760	46.00	10.95	PK	Horizo	PASS
6	640.62	16.67	41.15	24.480	46.00	4.85	PK	Horizo	PASS

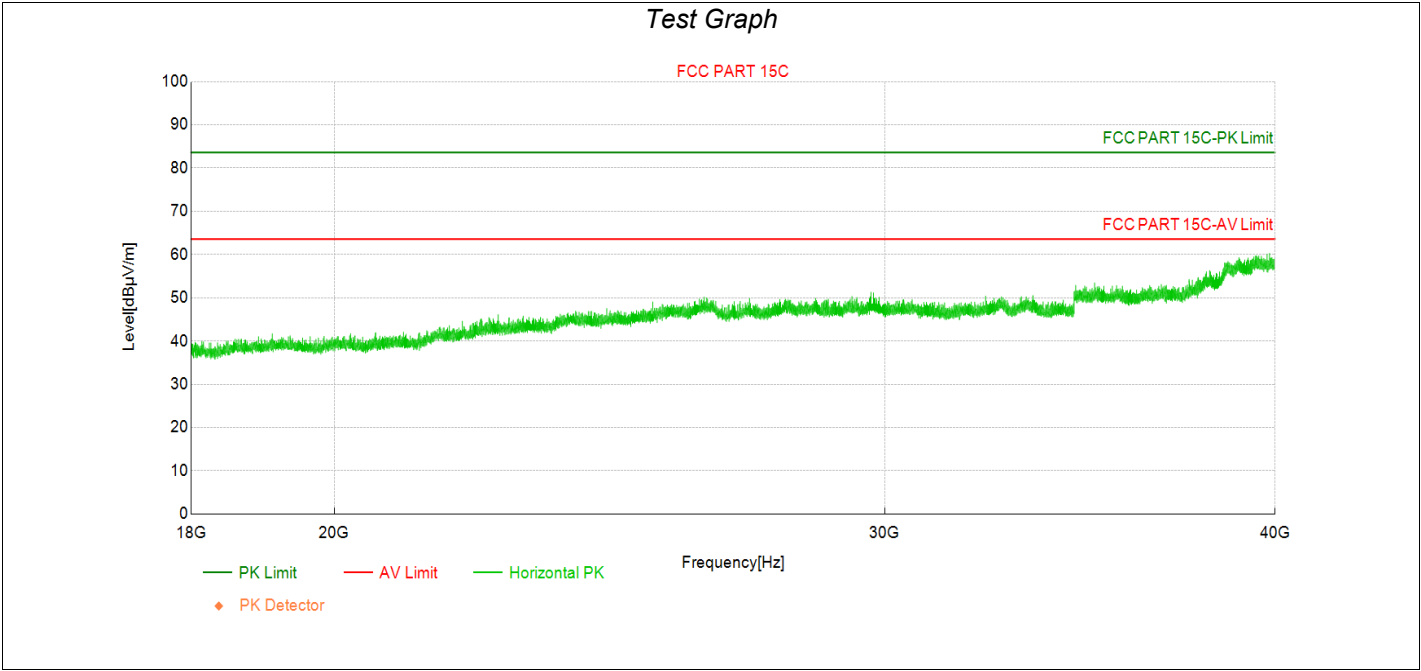
Transmit at 2402MHz by LE_1Mbps

Test Graph

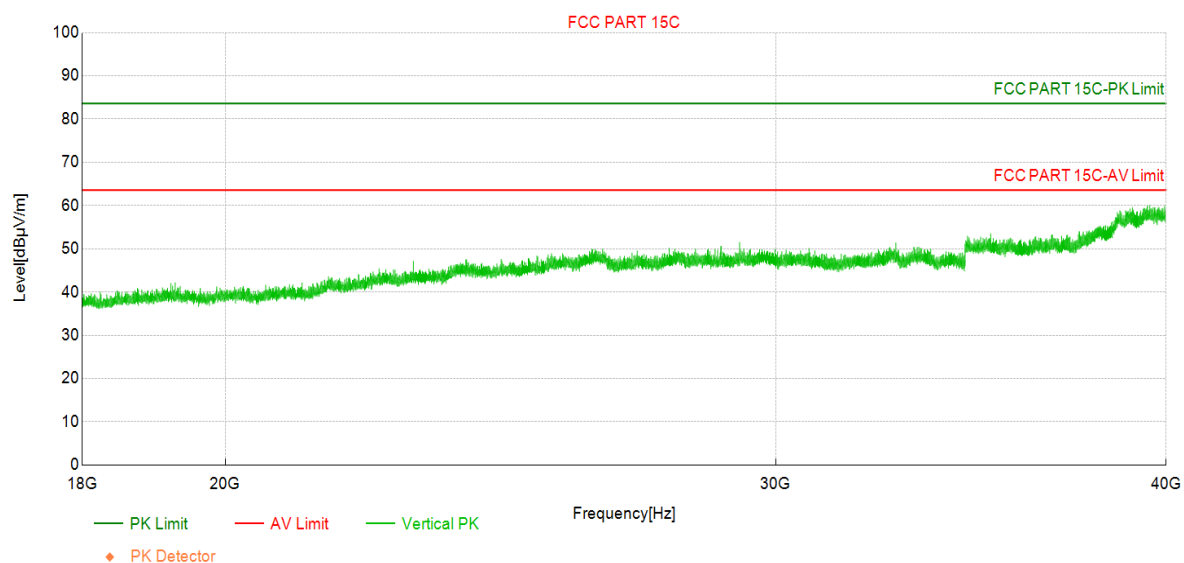


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	39.70	14.57	29.22	14.650	40.00	10.78	PK	Vertic	PASS
2	64.44	14.98	28.92	13.940	40.00	11.08	PK	Vertic	PASS
3	138.88	16.46	30.95	14.490	43.50	12.55	PK	Vertic	PASS
4	282.44	17.34	32.86	15.520	46.00	13.14	PK	Vertic	PASS
5	634.31	16.20	40.53	24.330	46.00	5.47	PK	Vertic	PASS



Test Graph



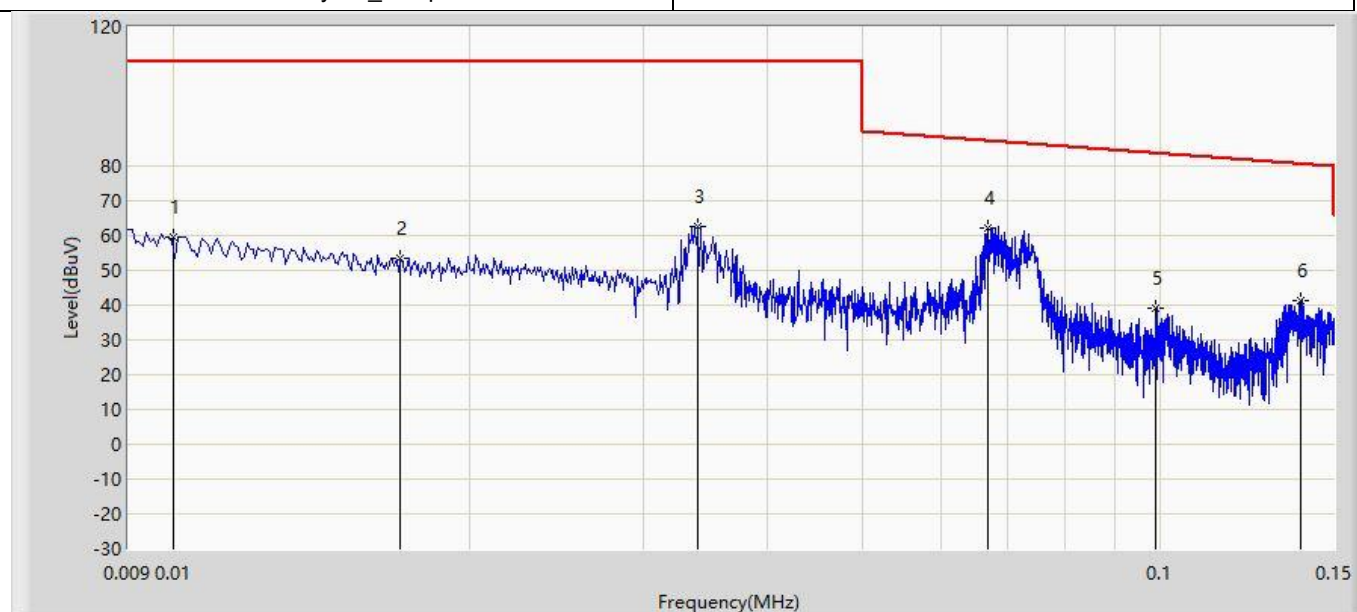
Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

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

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



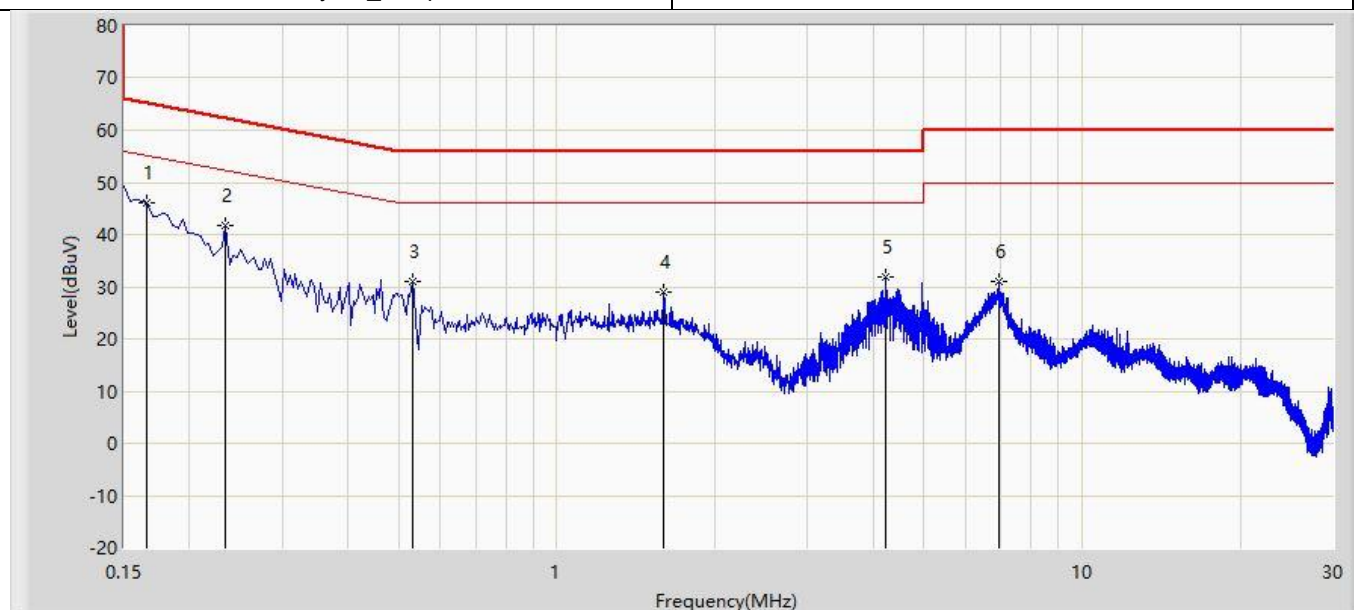
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.010	59.712	49.363	-50.288	110.000	10.349	QP
2		0.017	53.412	43.209	-56.588	110.000	10.203	QP
3		0.034	62.620	52.773	-47.380	110.000	9.847	QP
4	*	0.067	62.157	52.445	-25.179	87.336	9.712	QP
5		0.099	39.088	29.397	-44.694	83.782	9.691	QP
6		0.139	41.448	31.773	-39.245	80.693	9.675	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Line

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



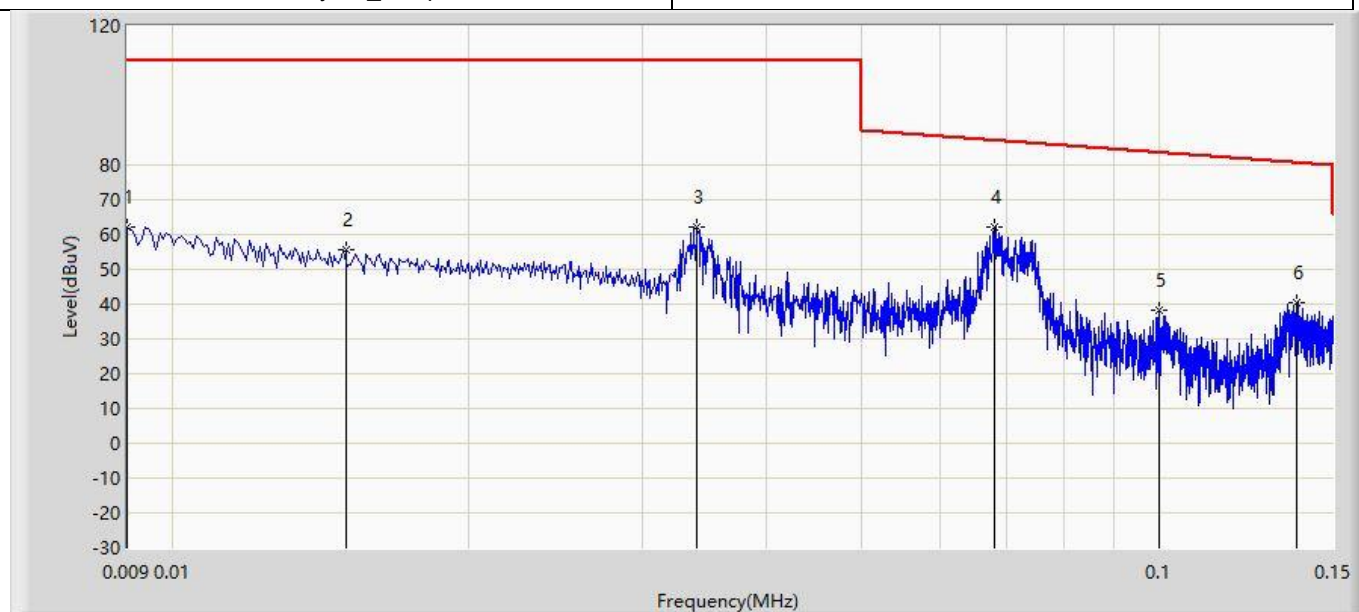
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1	*	0.166	46.160	36.495	-18.998	65.158	9.665	QP
2		0.234	41.665	32.006	-20.641	62.307	9.659	QP
3		0.530	31.007	21.310	-24.993	56.000	9.696	QP
4		1.598	29.025	19.286	-26.975	56.000	9.739	QP
5		4.238	31.835	22.030	-24.165	56.000	9.805	QP
6		6.962	30.939	21.073	-29.061	60.000	9.866	QP

Probe: ENV216_101189(0.009-30MHz)

Polarity: Neutral

Note: Transmit at 2402MHz by LE_1Mbps

Power: AC 120V/60Hz



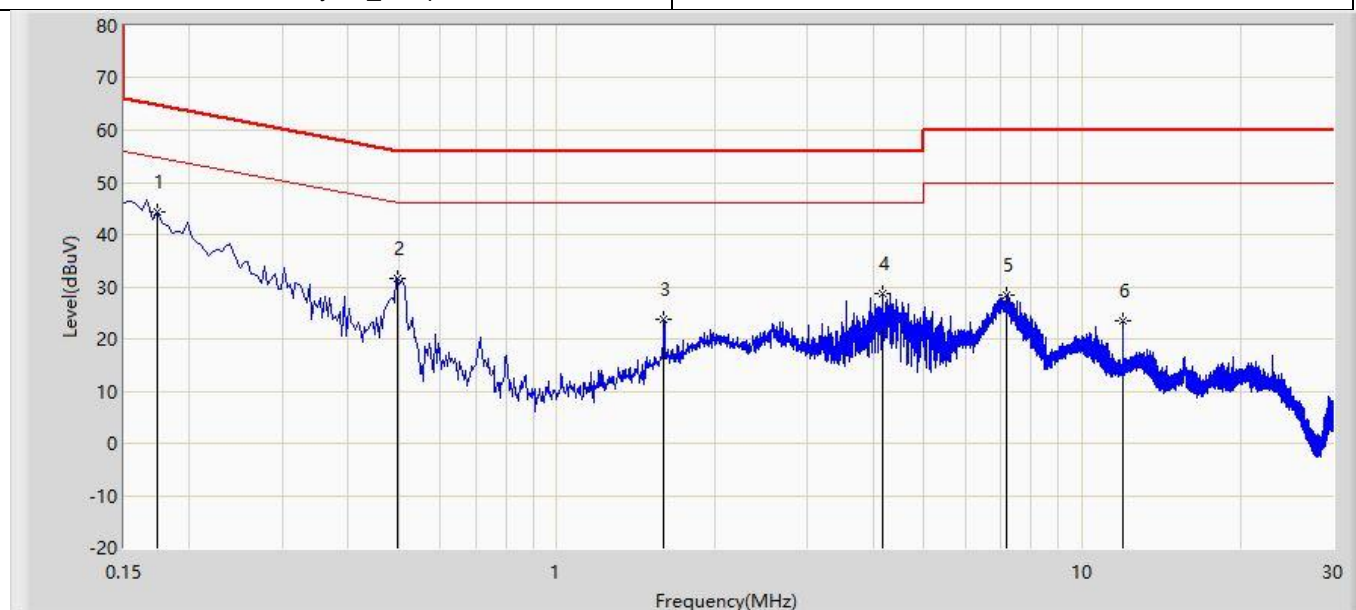
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.009	61.983	51.573	-48.017	110.000	10.410	QP
2		0.015	55.578	45.300	-54.422	110.000	10.278	QP
3		0.034	62.336	52.477	-47.664	110.000	9.859	QP
4	*	0.068	62.002	52.299	-25.200	87.201	9.703	QP
5		0.100	38.361	28.708	-45.330	83.691	9.653	QP
6		0.138	40.512	30.829	-40.247	80.759	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	*	0.174	44.344	34.671	-20.423	64.767	9.673	QP
2		0.498	31.694	22.098	-24.339	56.033	9.596	QP
3		1.598	23.760	14.071	-32.240	56.000	9.689	QP
4		4.182	28.739	18.961	-27.261	56.000	9.778	QP
5		7.154	28.383	18.472	-31.617	60.000	9.911	QP
6		11.918	23.398	13.388	-36.602	60.000	10.010	QP

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

The End