



Test report No:
2560639R.701

TEST REPORT

Product Name	Tablet Computer
Trademark	Xiaomi
Model and /or type reference	25097RP43G
FCC ID	2AFZZRP43G
Applicant's name / address	Xiaomi Communications Co., Ltd. #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao/ Project Manager 
Approved by (name / position & signature)	Frank He/ Technical Manager 
Date of issue	2025-08-13
Report Version	V1.0
Report template No.	Template_FCC Part 15C-RF-V1.0

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COMPETENCES AND GUARANTEES

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

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

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

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

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

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GENERAL CONDITIONS

Test Location A	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Location B	No. 8213, Fanhua Avenue, Baohe District, Hefei City, Anhui Province, China
Date(receive sample)	Jul. 11, 2025
Date (start test)	Jul. 13, 2025
Date (finish test)	Jul. 29, 2025
Note: Radiated Emission and Radiated Emission Band Edge were completed at Test Location B, and other tests were completed at Test Location A.	

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

ENVIRONMENTAL CONDITIONS

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

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

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

POSSIBLE TEST CASE VERDICTS

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

ABBREVIATIONS

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

EUT	: Equipment Under Test
PK	: Peak
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured
RMS	: Root Mean Squar
NT	: Normal Temperature
HT	: High Extreme Test Temperature
LT	: Low Extreme Test Temperature
NV	: Normal Voltage
HV	: High Extreme Test Voltage
LV	: Low Extreme Test Voltage

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2560639R.701	V1.0	Initial issue of report.	2025-08-13

REMARKS AND COMMENTS

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

- Chapter 1 General Information;

USED EQUIPMENT

Location A: Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Wireless Connectivity Tester	R&S	CMW 270	102593	2025.05.10	2026.05.09	V 4.0.60	N/A
Coaxial Cable	N/A	N/A	2477	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2478	2025.06.10	2026.06.09	N/A	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2025.04.13	2026.04.12	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2025.06.17	2026.06.16	N/A	N/A
Test system							
Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2024.10.26	2025.10.25	A.14.03	N/A
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.01.26	2026.01.25	N/A	N/A
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2025.03.23	2026.03.22	B.01.96	N/A
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2025.03.23	2026.03.22	N/A	N/A
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2025.05.10	2026.05.09	B.01.95	N/A
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A	N/A	V3.0.22

Location A: AC Power Line Conducted Emission / TR1

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
EMI Test Receiver	R&S	ESCI	100726	2025.05.18	2026.05.17	4.42 SP1	N/A
Two-Line V-Network	R&S	ENV 216	101044	2024.10.26	2025.10.25	N/A	N/A
Two-Line V-Network	R&S	ENV 216	101189	2025.05.10	2026.05.09	N/A	N/A
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2025.03.16	2026.03.15	N/A	N/A
Coaxial Cable	Huber+Suhner	RG 223	TR1-C1	2025.03.16	2026.03.15	N/A	N/A
Impedance Stabilization Network	Teseq GmbH	ISN T800	57318	2025.02.25	2026.02.24	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	EMC01	2025.06.17	2026.06.16	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Location A: Radiated Emission(9kHz-1GHz) / AC6

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	Agilent	N9020A	MY49100159	2025.05.10	2026.05.09	A 08.54	N/A
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01231	2025.05.28	2026.05.27	N/A	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2025.04.16	2026.04.15	N/A	N/A
Coaxial Cable	N/A	N/A	2225	2025.06.10	2026.06.09	N/A	N/A
Coaxial Cable	N/A	N/A	2229	2025.06.10	2026.06.09	N/A	N/A
Temperature/ Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16	N/A	N/A
Temperature/ Humidity Meter	RTS	RTS-8S	RF06	2025.06.17	2026.06.16	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

Test Location B: Radiated Emission Band Edge / AC103

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
Signal analyzer	keysight	N9020B	MY63490118	2024.07.26	2025.07.25	A 08.54	N/A
Signal analyzer	keysight	N9020B	MY63490118	2025.07.19	2026.07.18	A 08.54	N/A
Bilog Antenna	TESEQ	CBL6112D	64164	2024.11.23	2025.11.22	N/A	N/A
Horn Antenna	RF SPIN	DRH18-E	KV2D11A18ES	2024.11.02	2025.11.01	N/A	N/A
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	01312	2024.10.28	2025.10.27	N/A	N/A
Amplifier	ESE	LNA0118	LNA23100009	2024.08.10	2025.08.09	N/A	N/A
Amplifier	Tonscend	TAP01018048S	AP23J8060307	2024.11.16	2025.11.15	N/A	N/A
Band Reject Filter Group	Tonscend	JS0806-F	23G806F0701	2024.11.20	2025.11.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	026	2024.09.04	2025.09.03	N/A	N/A
Test Software	Tonscend	JS36	N/A	N/A	N/A	N/A	5.0.0

UNCERTAINTY

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

Test item	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
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	Tablet Computer					
Model No.	25097RP43G					
Trademark	Xiaomi					
FCC ID	2AFZZRP43G					
Manufacturer	Xiaomi Communications Co., Ltd.					
Manufacturer Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085					
Power supply	Battery: 3.91Vdc					
Wireless specification	Bluetooth (LE)					
Operating frequency range(s)	2402~2480MHz					
Type of Modulation	GFSK					
PHYs	<input checked="" type="checkbox"/>	LE 1M	<input checked="" type="checkbox"/>	LE 2M	<input checked="" type="checkbox"/>	LE Coded S=2/8
Data Rate	<input checked="" type="checkbox"/>	1Mbit/s	<input checked="" type="checkbox"/>	2Mbit/s	<input checked="" type="checkbox"/>	500/125 Kbit/s
Channel Spacing	2MHz					
Antenna type	Ant 0: PIFA Ant 2: Resonant cavity Antenna					
Antenna Gain	Ant 0: -3.5 dBi Ant 2: -2.2 dBi					

Remark:

- As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information.
- This device is equipped with two bluetooth antennas. We tested the output power of both chains separately. When testing other conduction test items, only the chain with higher power was selected for testing. When testing radiated spurious emissions, we tested the data of both antenna chains, but only the data of the poorer chain, ANT0, was shown in the report.

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) N/A	N/A	N/A	N/A
(2) N/A	N/A	N/A	N/A
(3) N/A	N/A	N/A	N/A
Software	Type / Version	Manufacturer	Supplied by
CTL Tool	N/A	N/A	N/A

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2) N/A	1	<input type="checkbox"/>	<input type="checkbox"/>
(3) N/A	8	<input type="checkbox"/>	<input type="checkbox"/>

3 VERDICT SUMMARY SECTION

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

3.1 Standards

Standard	Year	Description
CFR 47, FCC Part 15 C	2024	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01V05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247

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

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

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

3.3 Overview of results

Requirement – Test Item of FCC	Standard(s)	Verdict	Remark
20dB Emission Bandwidth	FCC 15.247(a)(2)	PASS	Please refer to appendix for test data
Maximum conducted output power	15.247 (b)(3)	PASS	Please refer to appendix for test data
Maximum power spectral density	FCC 15.247(e)	PASS	Please refer to appendix for test data
Band edge measurements	FCC 15.247(d) FCC 15.205 FCC 15.209	PASS	Please refer to appendix for test data
Conducted Spurious Emission	FCC 15.247(d), FCC 15.209	PASS	Please refer to appendix for test data
Duty cycle	ANSI C63.10:2013	PASS	Please refer to appendix for test data
Emissions in Restricted Bands	FCC 15.205 FCC 15.209	PASS	Please refer to appendix for test data
AC Power Line Conducted Emission	FCC 15.207	PASS	Please refer to appendix for test data
Antenna Requirement	FCC 15.203	PASS	---

3.4 Power setting in test

Mode	Channel	Frequency (MHz)	Power setting
BLE_1Mbps	00	2402	12
	19	2440	12
	39	2480	12
BLE_2Mbps	00	2402	12
	19	2440	12
	39	2480	12
BLE_125kbps	00	2402	12
	19	2440	12
	39	2480	12
BLE_500kbps	00	2402	12
	19	2440	12
	39	2480	12

3.5 Test Facility

Tset Location A : FCC Designation Number: CN1199

Tset Location B : FCC Designation Number: CN1321

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

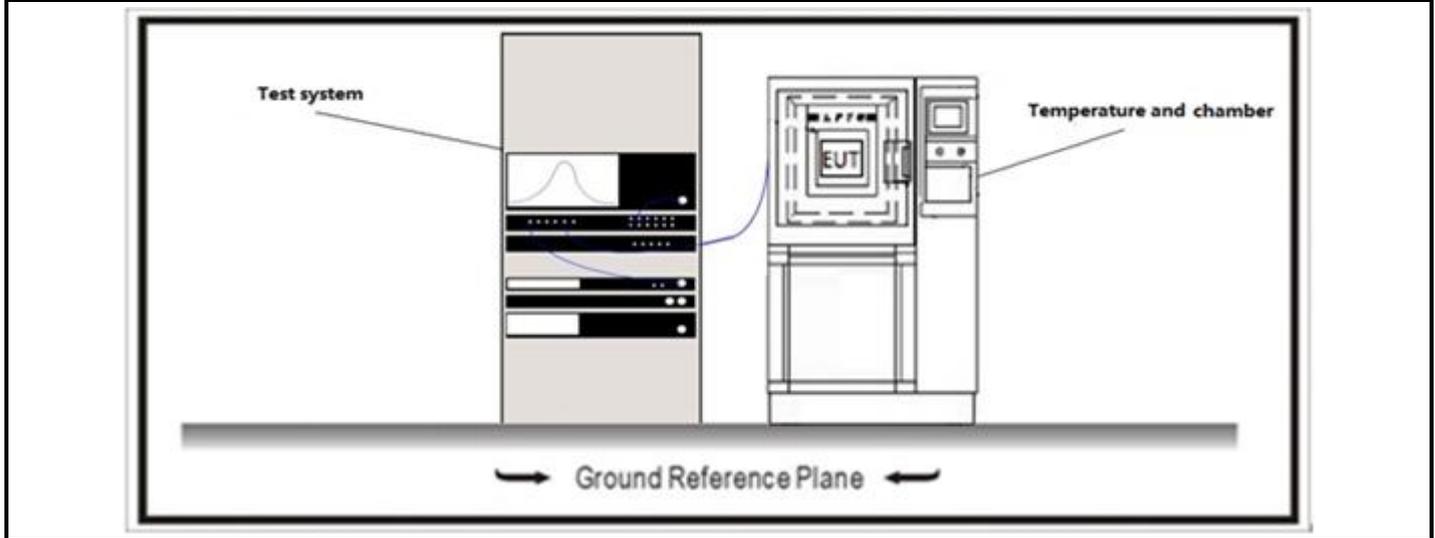
4.1 DTS Bandwidth	VERDICT: PASS
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4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.247 (a)(2)
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Systems using digital modulation techniques operate in the 2400-2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz

4.1.2 Test Setup



4.1.3 Test Procedure

	Reference Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.8	DTS bandwidth
<input checked="" type="checkbox"/>	ANSI C63.10	11.8.1	Option 1
<input type="checkbox"/>	ANSI C63.10	11.8.2	Option 2

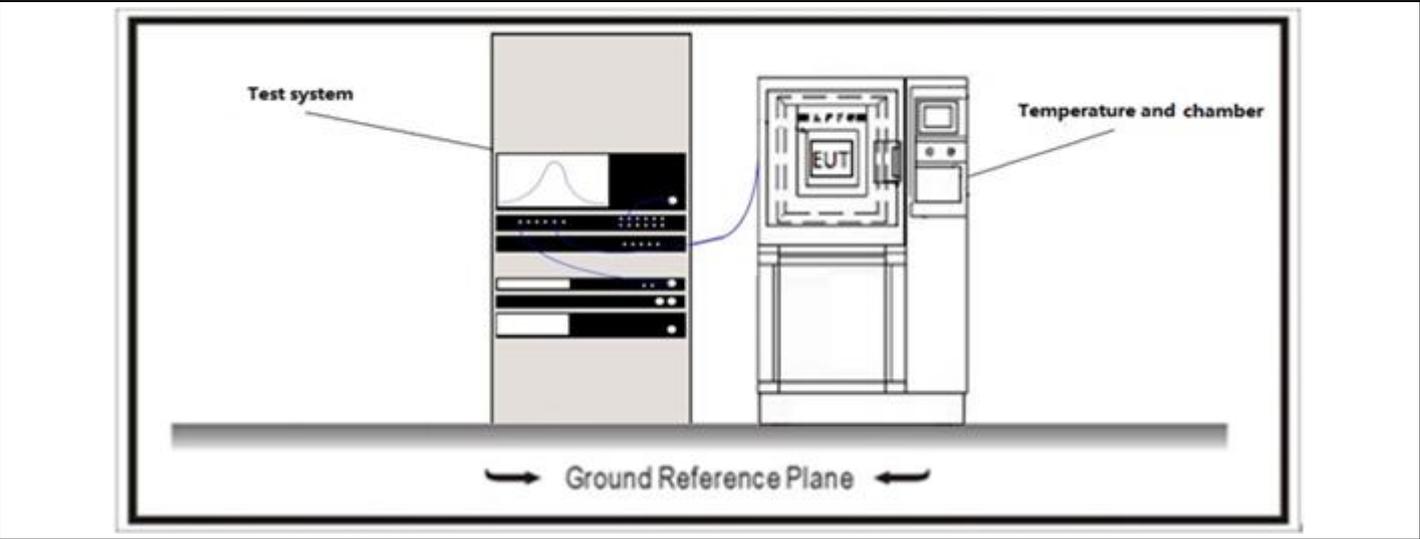
4.2 Occupied Channel Bandwidth	VERDICT: PASS
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4.2.1 Limit

Standard	RSS-Gen Issue 5 Paragraph 6.7
-----------------	-------------------------------

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs

4.2.2 Test Setup



4.2.3 Test Procedure

	Reference Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	6.9	Occupied bandwidth tests
<input type="checkbox"/>	ANSI C63.10	6.9.2	Option 1
<input checked="" type="checkbox"/>	ANSI C63.10	6.9.3	Option 2

4.3 Maximum Conducted Output Power	VERDICT: PASS
---	----------------------

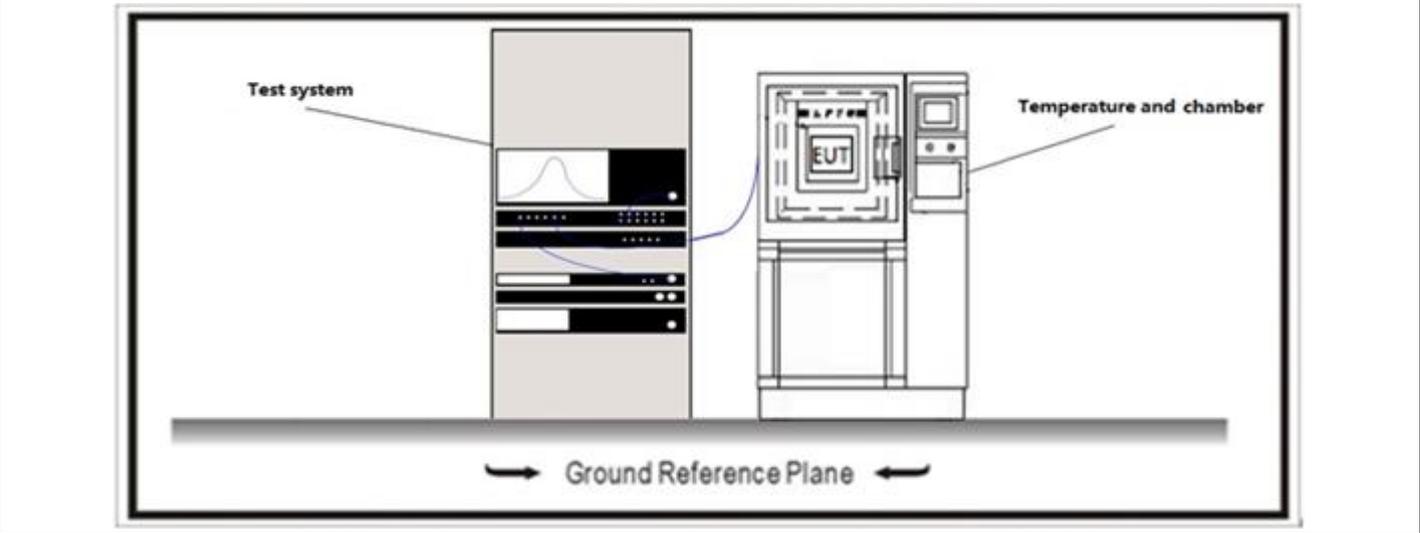
4.3.1 Limit

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

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum peak conducted output power .

4.3.2 Test Setup



4.3.3 Test Procedure

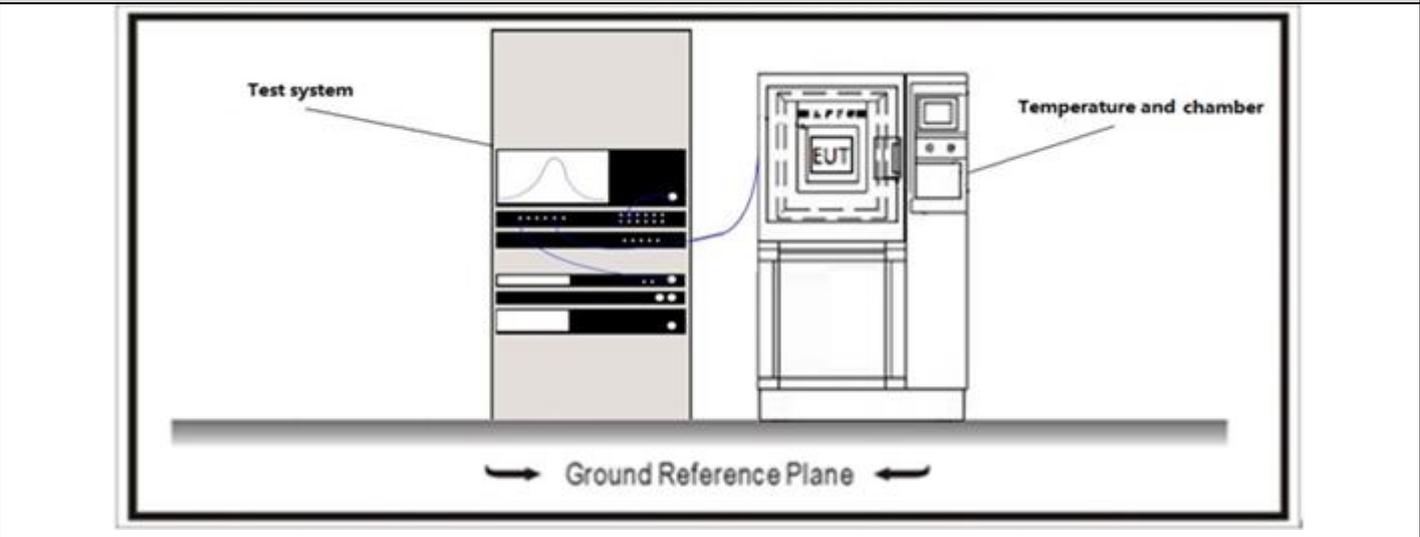
	References Rule		Chapter	Description		
<input checked="" type="checkbox"/>	ANSI C63.10		11.9	Fundamental emission output power		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ANSI C63.10	11.9.1	Maximum peak conducted output power		
	<input type="checkbox"/>	<input type="checkbox"/>	ANSI C63.10	11.9.1.1	RBW \geq DTS bandwidth	
		<input type="checkbox"/>	ANSI C63.10	11.9.1.2	Integrated band power method	
		<input checked="" type="checkbox"/>	ANSI C63.10	11.9.1.3	PKPM1 Peak power meter method	
	<input type="checkbox"/>	ANSI C63.10		11.9.2	Maximum conducted (average) output power	
	<input type="checkbox"/>	<input type="checkbox"/>	ANSI C63.10	11.9.2.2	Measurement using a spectrum analyzer (SA)	
		<input type="checkbox"/>	<input type="checkbox"/>	ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle \geq 98%)
			<input type="checkbox"/>	ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle \geq 98%)
			<input type="checkbox"/>	ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle \leq 98%)
			<input type="checkbox"/>	ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle \leq 98%)
			<input type="checkbox"/>	ANSI C63.10	11.9.2.2.4	Method AVGSA-3
			<input type="checkbox"/>	ANSI C63.10	11.9.2.2.5	Method AVGSA-3A
		<input type="checkbox"/>	ANSI C63.10	11.9.2.3	Measurement using a power meter (PM)	
	<input type="checkbox"/>	<input type="checkbox"/>	ANSI C63.10	11.9.2.3.1	Method AVGPM	
<input type="checkbox"/>		ANSI C63.10	11.9.2.3.2	Method AVGPM-G		

4.4 Maximum Power Spectral Density	VERDICT: PASS
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4.4.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.247 (b)(3);
Power Spectral Density ≤ 8dBm/3kHz	

4.4.2 Test Setup



4.4.3 Test Procedure

	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.10	Maximum power spectral density level in the fundamental emission
<input checked="" type="checkbox"/>	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
<input type="checkbox"/>	ANSI C63.10	11.10.3	Method AVGPSD-1(Duty cycle ≥ 98%)
<input type="checkbox"/>	ANSI C63.10	11.10.4	Method AVGPSD-1A(Duty cycle ≥ 98%)
<input type="checkbox"/>	ANSI C63.10	11.10.5	Method AVGPSD-2(Duty cycle < 98%)
<input type="checkbox"/>	ANSI C63.10	11.10.6	Method AVGPSD-2A(Duty cycle < 98%)
<input type="checkbox"/>	ANSI C63.10	11.10.7	Method AVGPSD-3
<input type="checkbox"/>	ANSI C63.10	11.10.8	Method AVGPSD-3A

4.5 Band Edge Measurements	VERDICT: PASS
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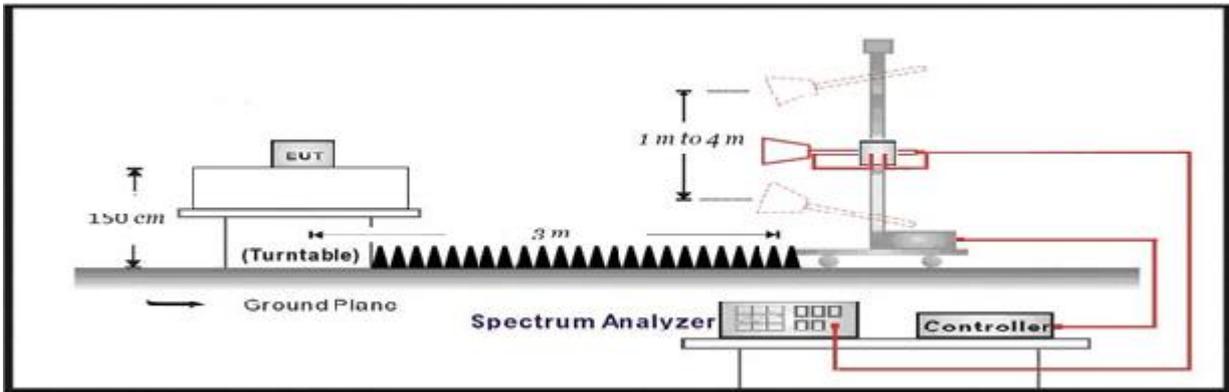
4.5.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.209;		
Frequency bands (MHz)	Detector	Limit (dBµV/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.

4.5.2 Test Setup

Above 1GHz Test Setup:



4.5.3 Test Procedure

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

4.6 Conducted Spurious Emission	VERDICT: PASS
--	----------------------

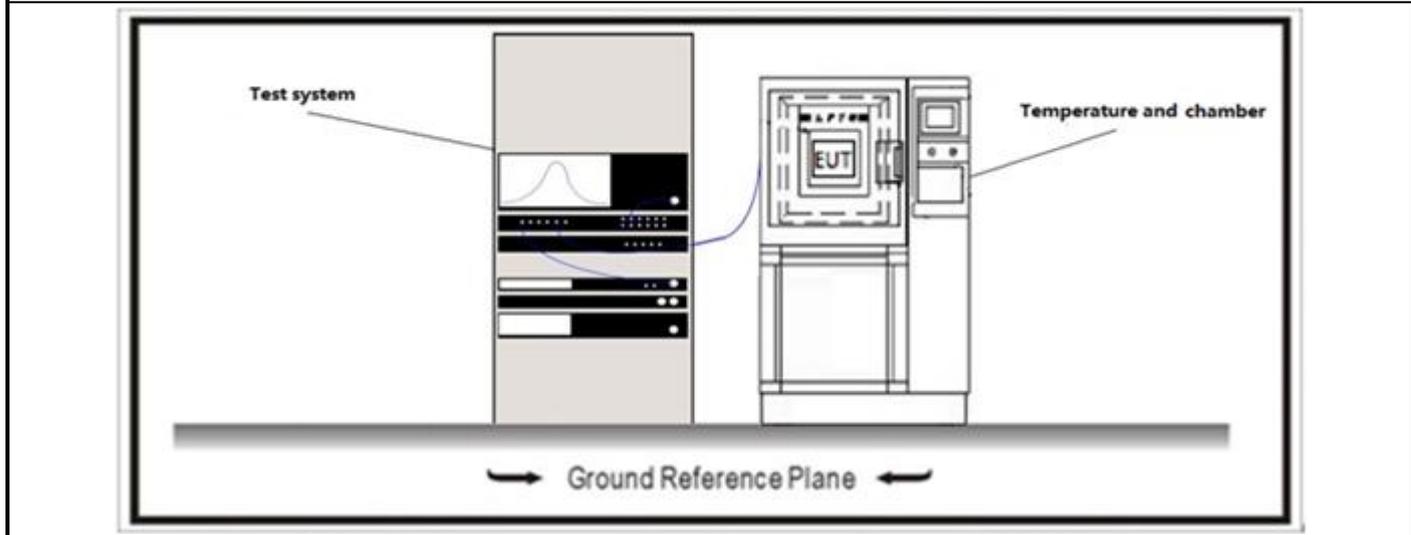
4.6.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.247(d).
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30dBc(Note1)
RF Output power(PK detector)	20dBc(Note2)

Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

4.6.2 Test Setup



4.6.3 Test Procedure

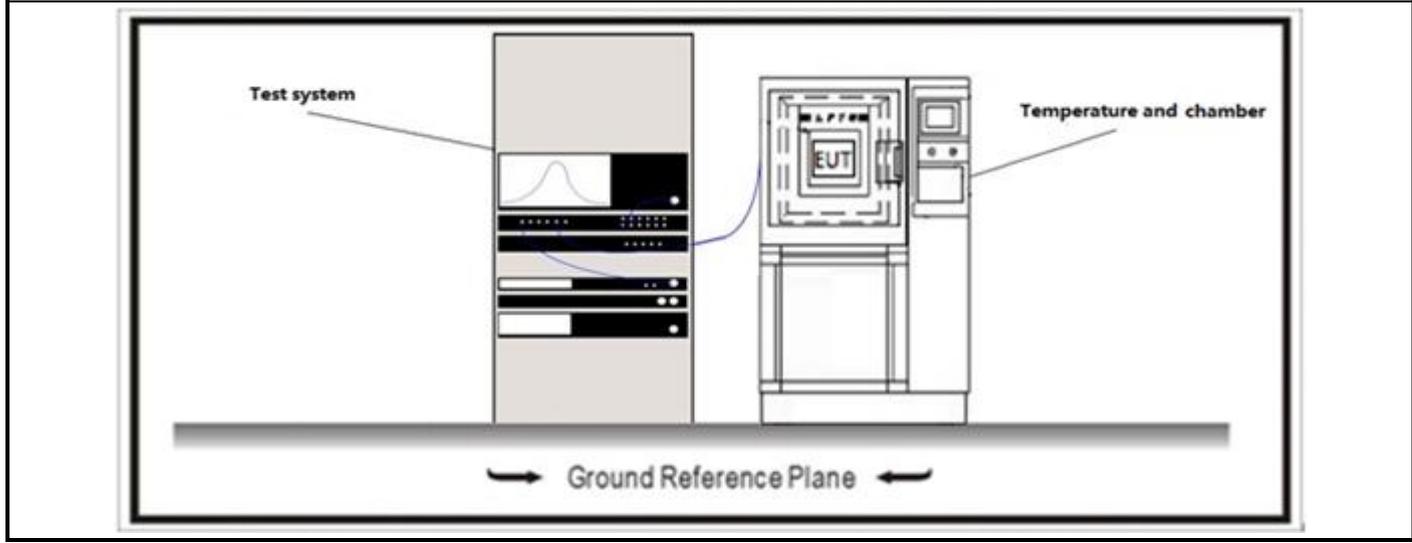
References Rule	Chapter	Description
<input checked="" type="checkbox"/> ANSI C63.10	11.11	Emissions in non-restricted frequency bands
<input checked="" type="checkbox"/> ANSI C63.10	11.11.1	General
<input checked="" type="checkbox"/> ANSI C63.10	11.11.2	Reference level measurement
<input checked="" type="checkbox"/> ANSI C63.10	11.11.3	Emission level measurement

4.7 Duty cycle	VERDICT: PASS
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4.7.1 Limit

N/A

4.7.2 Test Setup



4.7.3 Test Procedure

References Rule	Chapter	Description
<input checked="" type="checkbox"/> ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

4.8 Emissions in Restricted Bands**VERDICT: PASS****4.8.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15.205

Restricted Bands of operation

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

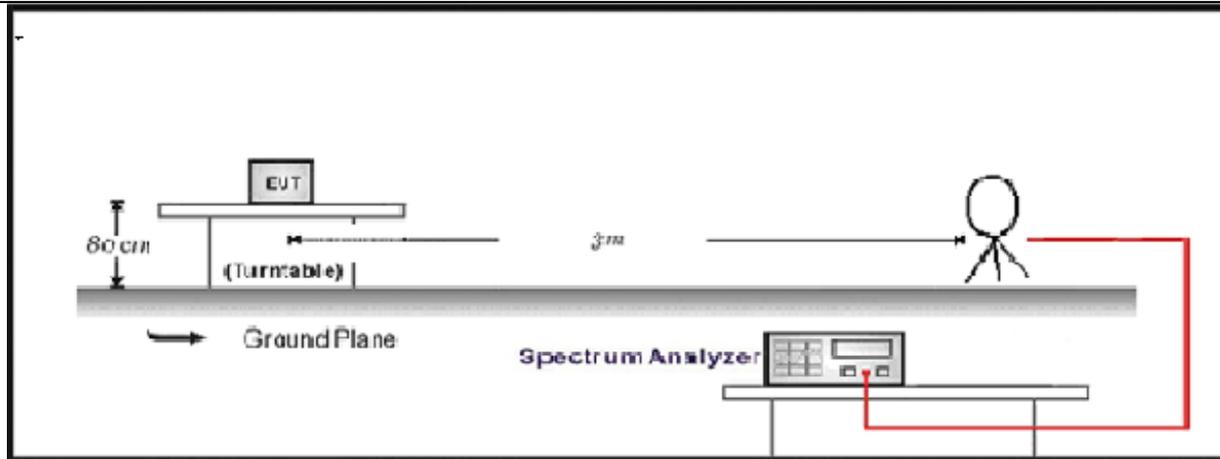
Restricted Band Emissions Limit			
FCC Part 15 Subpart C Paragraph 15.209			
Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

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

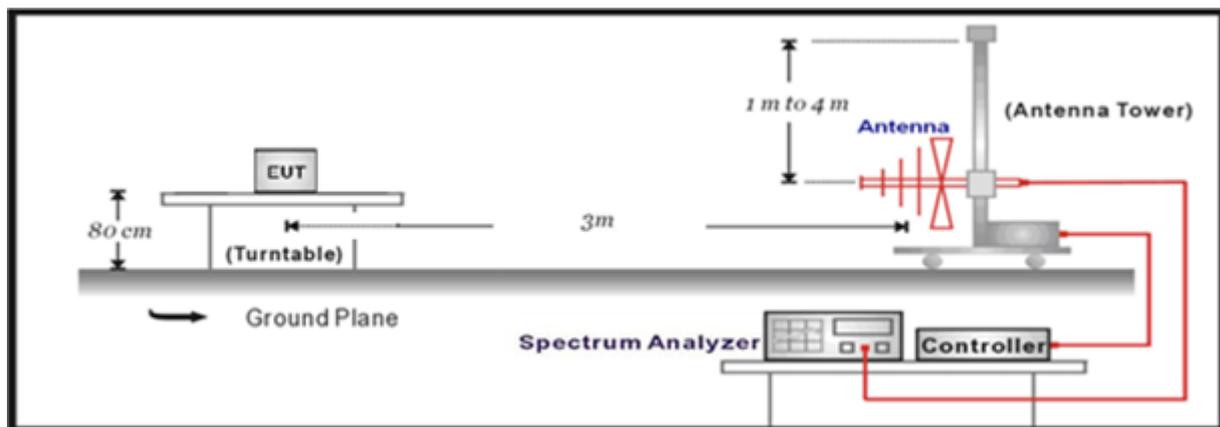
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.8.2 Test Setup

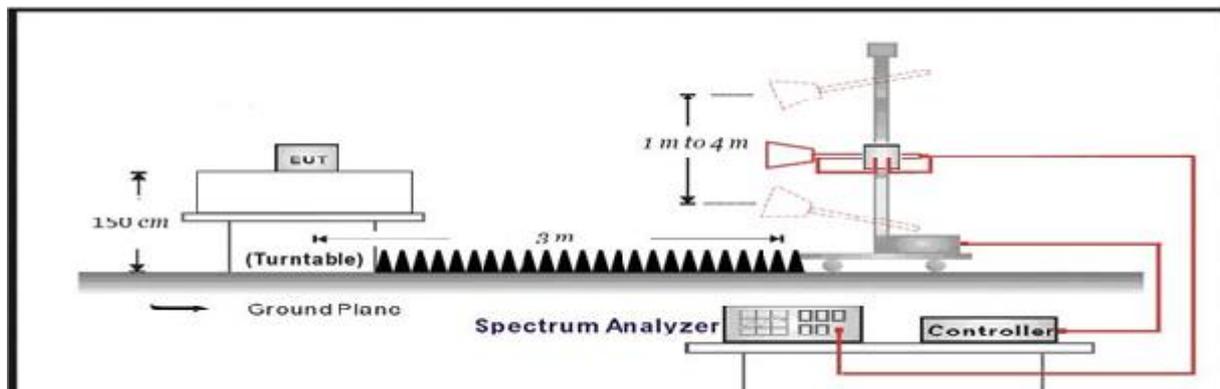
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.8.3 Test Procedure			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.12	Emissions in restricted frequency bands
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.9 AC Power Line Conducted Emission	VERDICT: PASS
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4.9.1 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

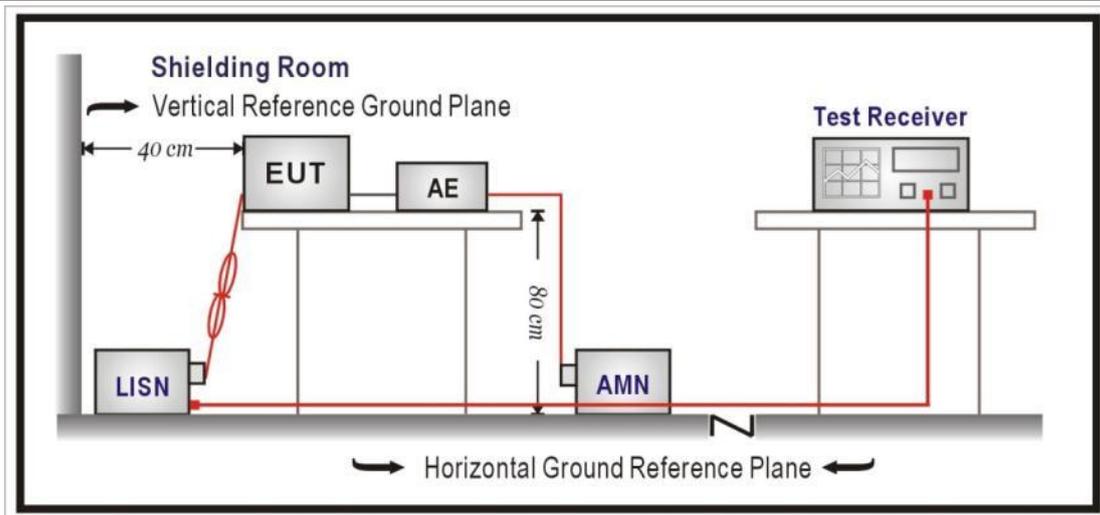
¹⁾ At the transition frequency, the lower limit applies.

²⁾ The limit decreases linearly with the logarithm of the frequency.

NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.9.2 Test Setup



4.9.3 Test Procedure

	References Rule	Chapter	Item
<input checked="" type="checkbox"/>	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.10 Antenna Requirement	VERDICT: PASS
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4.10.1 Limit:

Standard	FCC Part 15 Subpart C Paragraph 15.203; RSS-Gen Issue 5 Paragraph 6.8.
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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.

4.10.2 Antenna Connector Construction:

<input checked="" type="checkbox"/>	The use of a permanently attached antenna
<input type="checkbox"/>	The antenna use of a unique coupling to the intentional radiator
<input type="checkbox"/>	The use of a nonstandard antenna jack or electrical connector

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

5 TEST SETUP PHOTO AND EUT PHOTO

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

6 TEST RESULT

Appendix A: DTS Bandwidth

TestMode	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	2402	0.672	2401.660	2402.332	0.5	PASS
BLE_1M	2440	0.684	2439.652	2440.336	0.5	PASS
BLE_1M	2480	0.684	2479.652	2480.336	0.5	PASS
BLE_2M	2402	1.104	2401.452	2402.556	0.5	PASS
BLE_2M	2440	1.144	2439.448	2440.592	0.5	PASS
BLE_2M	2480	1.132	2479.444	2480.576	0.5	PASS



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

TestMode	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	2402	1.0293	2401.5000	2402.5293	Within band	Pass
BLE_1M	2440	1.0303	2439.4957	2440.5260	Within band	Pass
BLE_1M	2480	1.0287	2479.4961	2480.5248	Within band	Pass
BLE_2M	2402	2.0591	2400.9931	2403.0522	Within band	Pass
BLE_2M	2440	2.0475	2439.0035	2441.0510	Within band	Pass
BLE_2M	2480	2.0509	2478.9992	2481.0501	Within band	Pass



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480



BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



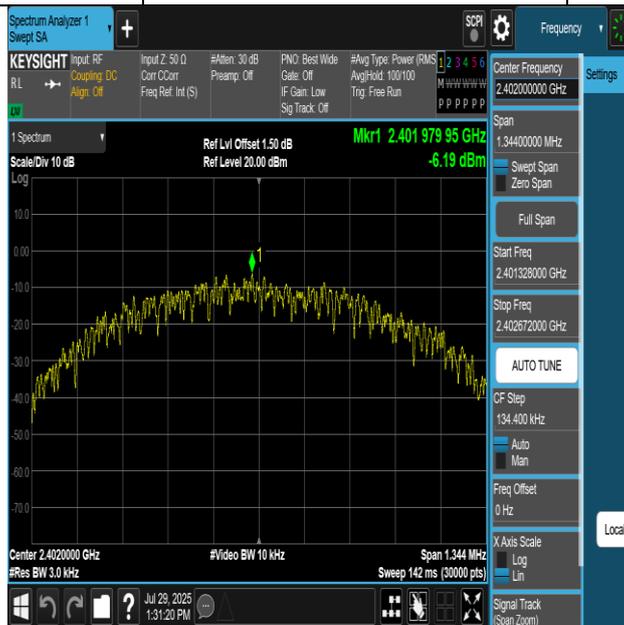
BLE_2M-Ant1-2480

Appendix C: Maximum conducted output power

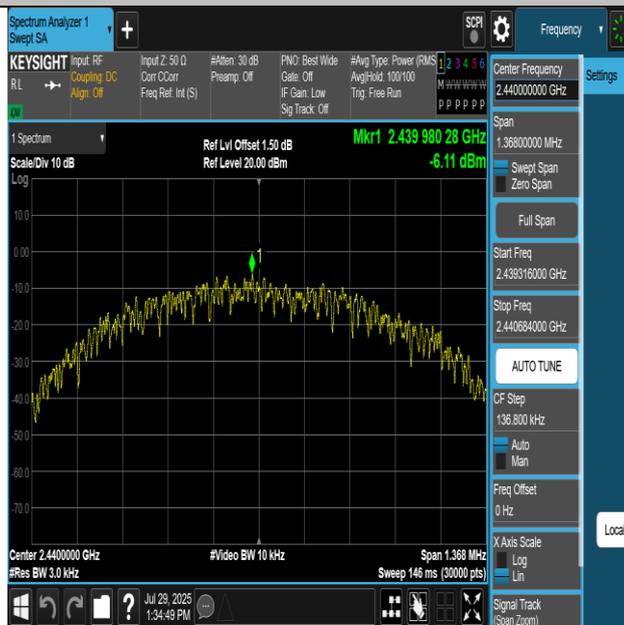
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.98	≤30	PASS
BLE_1M	Ant1	2440	7.40	≤30	PASS
BLE_1M	Ant1	2480	6.61	≤30	PASS
BLE_2M	Ant1	2402	7.82	≤30	PASS
BLE_2M	Ant1	2440	7.52	≤30	PASS
BLE_2M	Ant1	2480	6.75	≤30	PASS
BLE_1M	Ant2	2402	6.55	≤30	PASS
BLE_1M	Ant2	2440	5.81	≤30	PASS
BLE_1M	Ant2	2480	5.92	≤30	PASS
BLE_2M	Ant2	2402	6.29	≤30	PASS
BLE_2M	Ant2	2440	5.82	≤30	PASS
BLE_2M	Ant2	2480	5.92	≤30	PASS

Appendix D: Maximum power spectral density

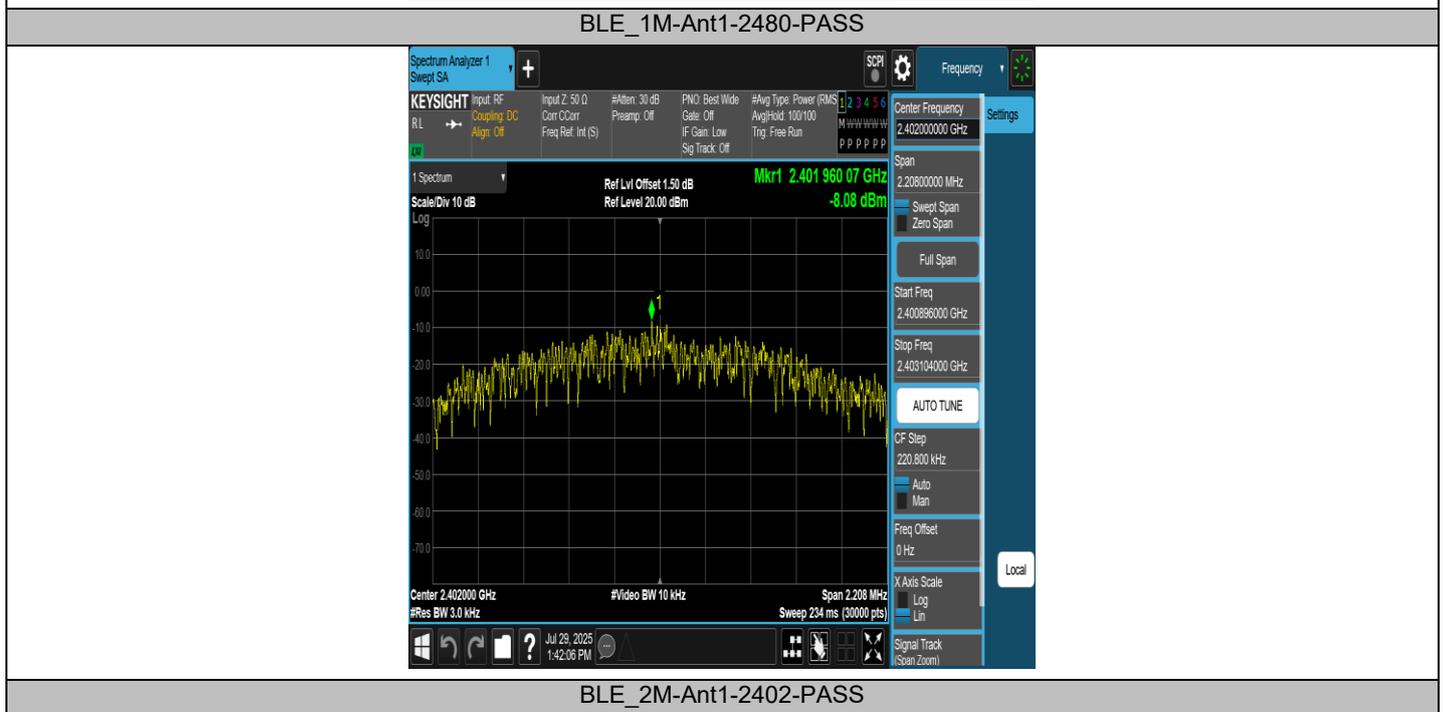
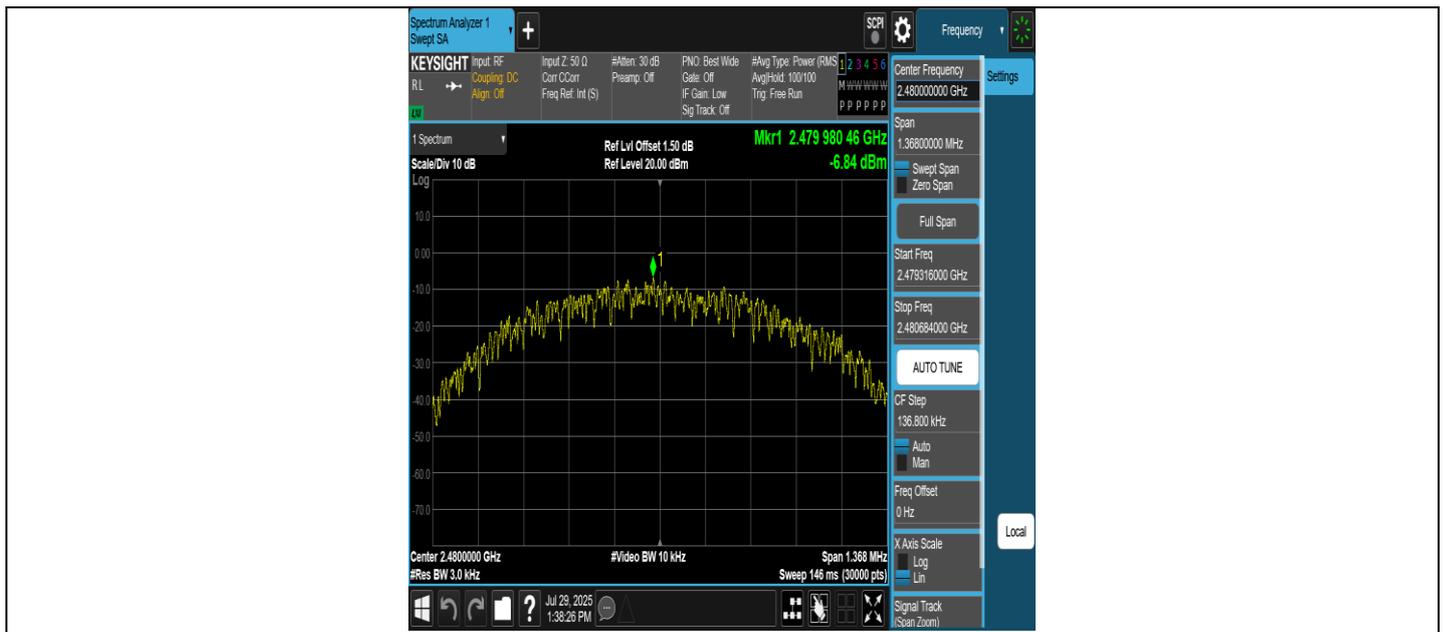
TestMode	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	2402	-6.19	≤8.00	PASS
BLE_1M	2440	-6.11	≤8.00	PASS
BLE_1M	2480	-6.84	≤8.00	PASS
BLE_2M	2402	-8.08	≤8.00	PASS
BLE_2M	2440	-8.01	≤8.00	PASS
BLE_2M	2480	-8.82	≤8.00	PASS

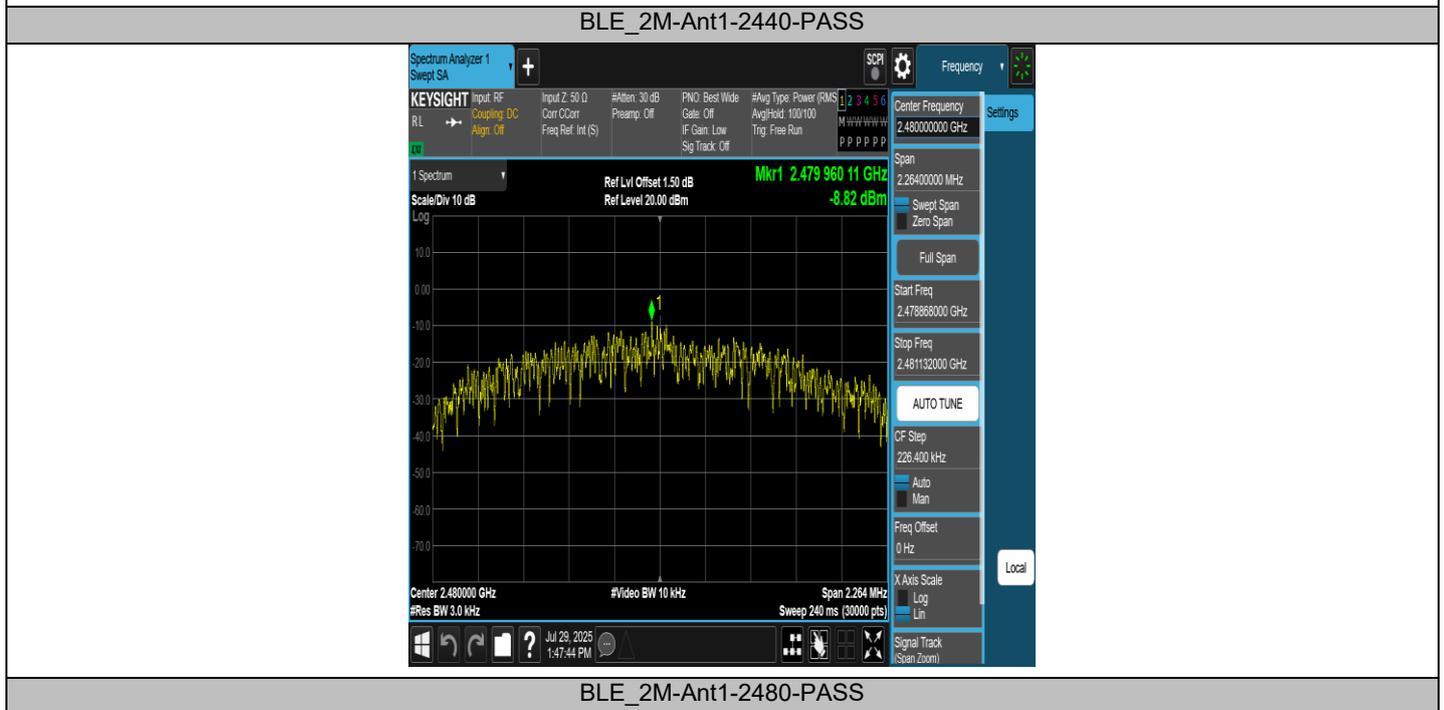
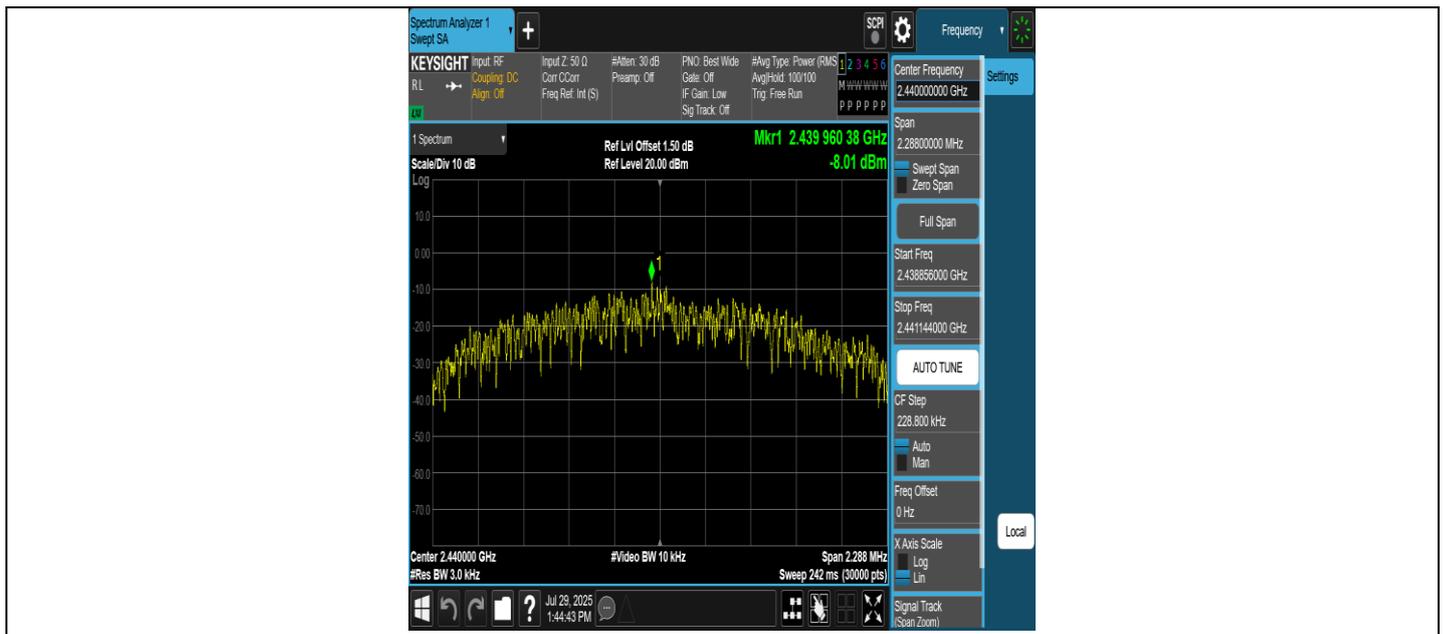


BLE_1M-Ant1-2402-PASS



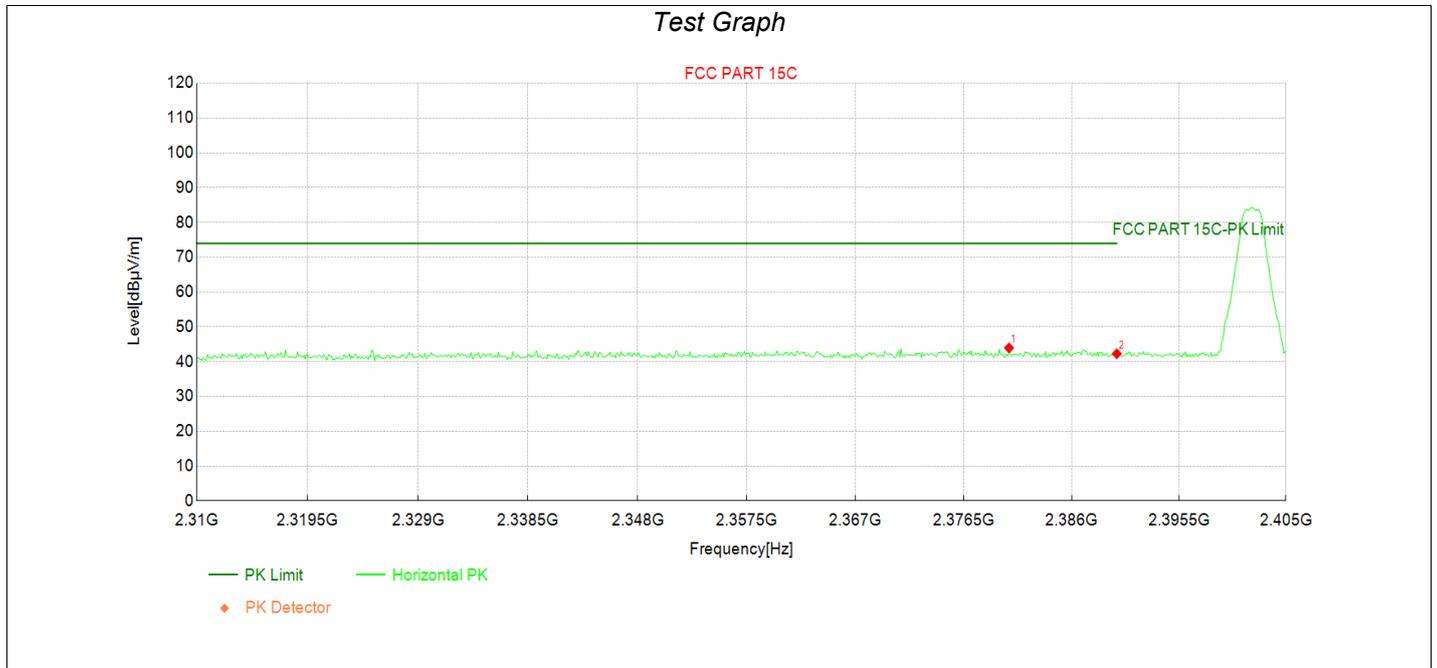
BLE_1M-Ant1-2440-PASS





Appendix E: Band edge measurements

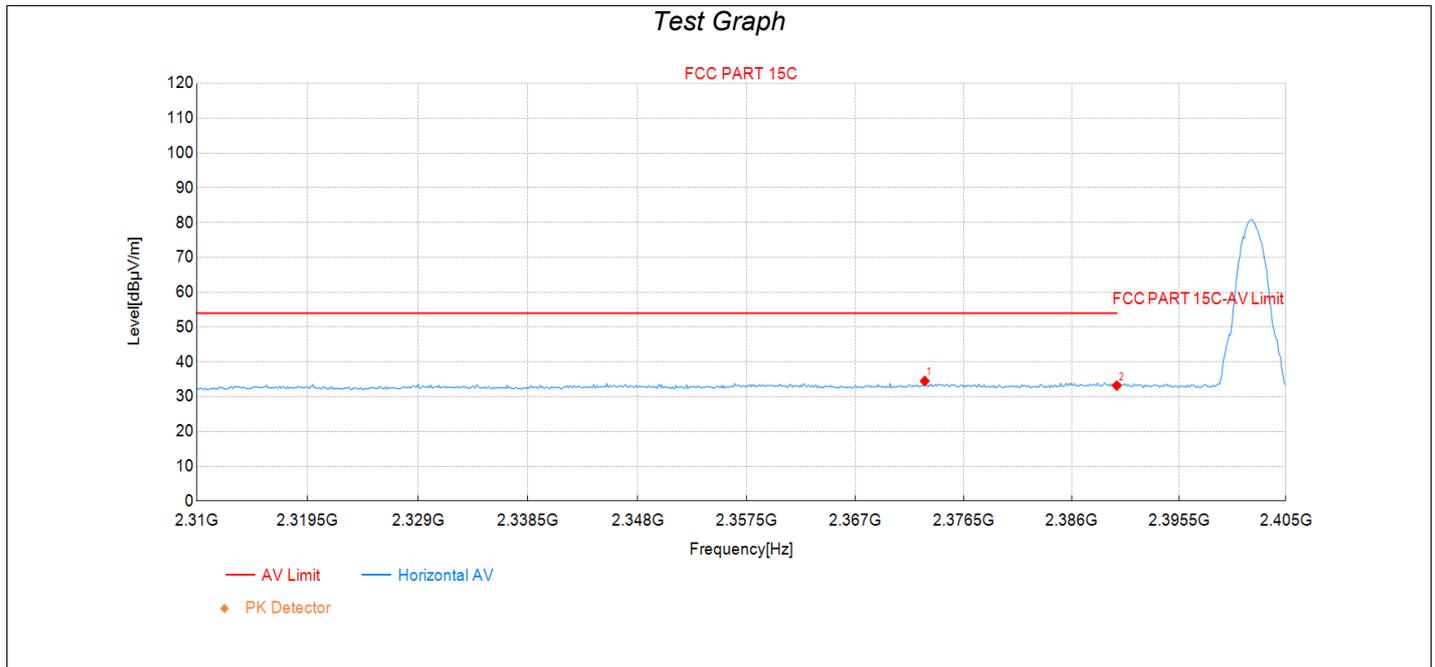
Transmit at 2402MHz by LE_1Mbps



Data List

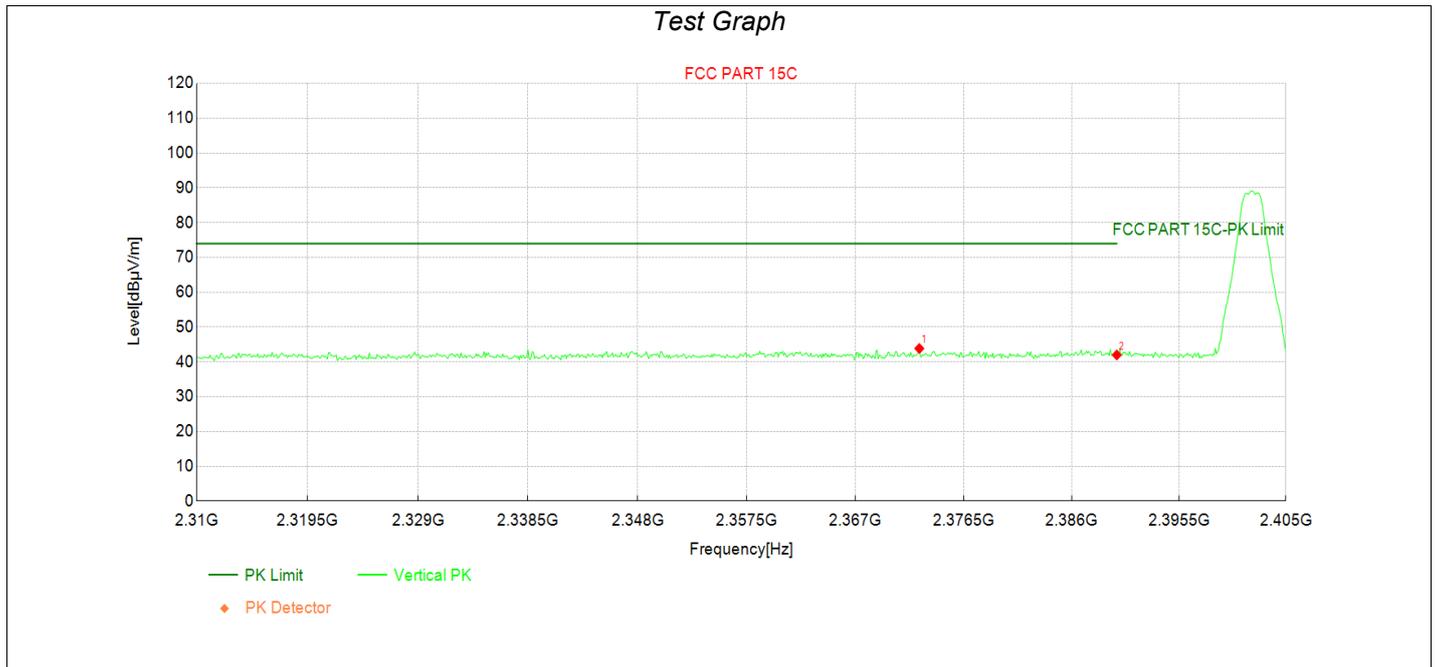
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2380.49	38.78	43.95	5.17	74.00	30.05	PK	Horizo	PASS
2	2390.00	37.04	42.27	5.23	74.00	31.73	PK	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps



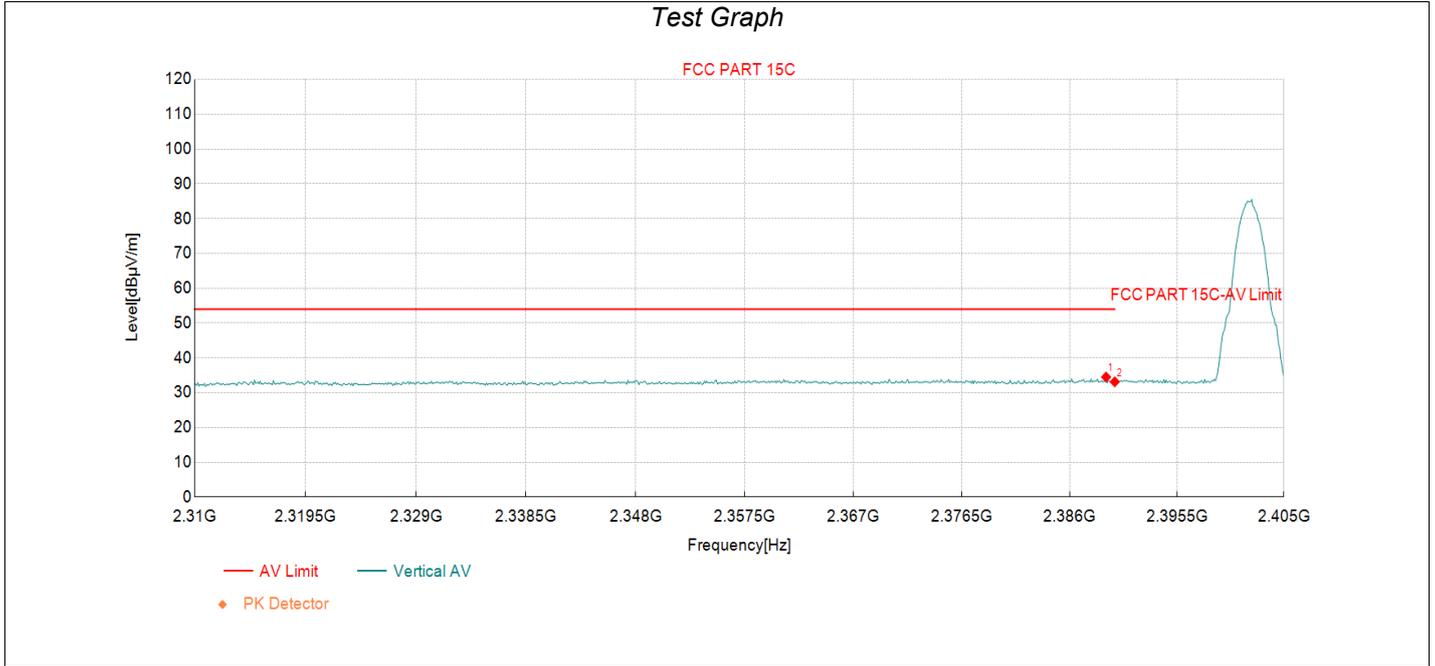
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2373.08	29.37	34.49	5.12	54.00	19.51	AV	Horizo	PASS
2	2390.00	27.94	33.17	5.23	54.00	20.83	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps



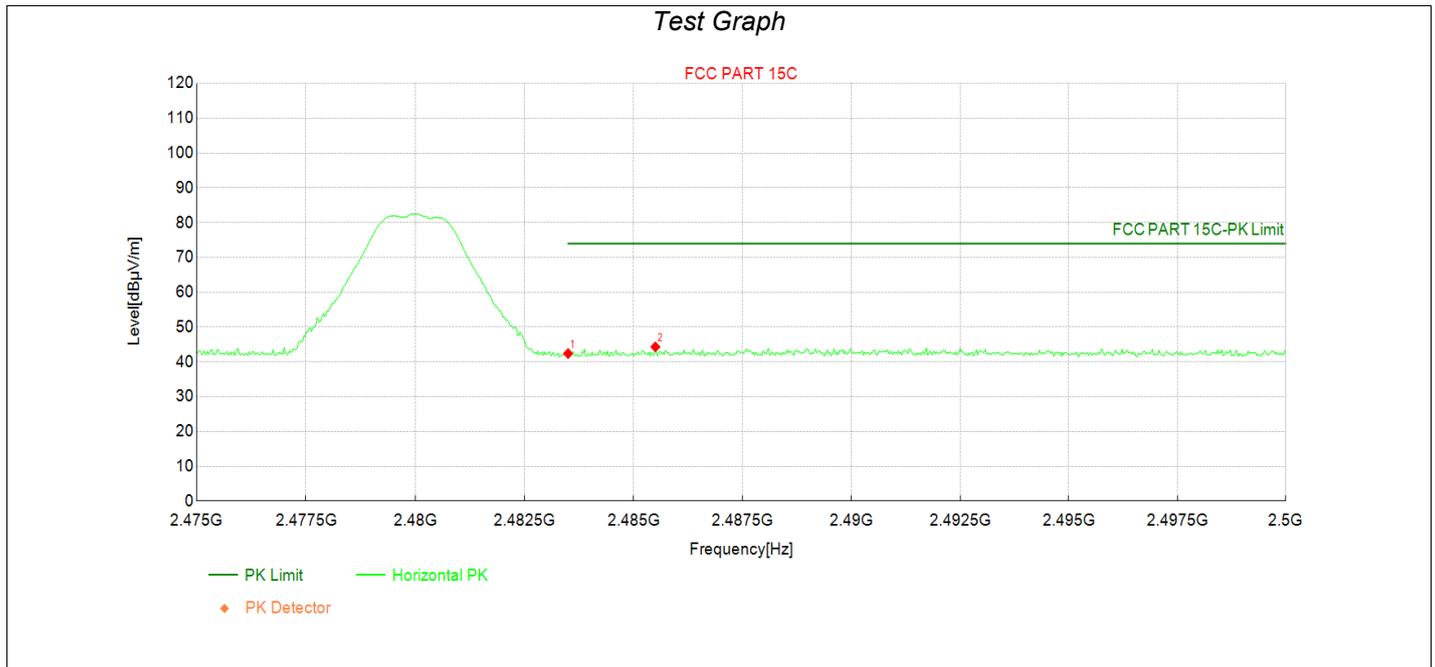
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2372.61	38.72	43.84	5.12	74.00	30.16	PK	Vertic	PASS
2	2390.00	36.75	41.98	5.23	74.00	32.02	PK	Vertic	PASS

Transmit at 2402MHz by LE_1Mbps



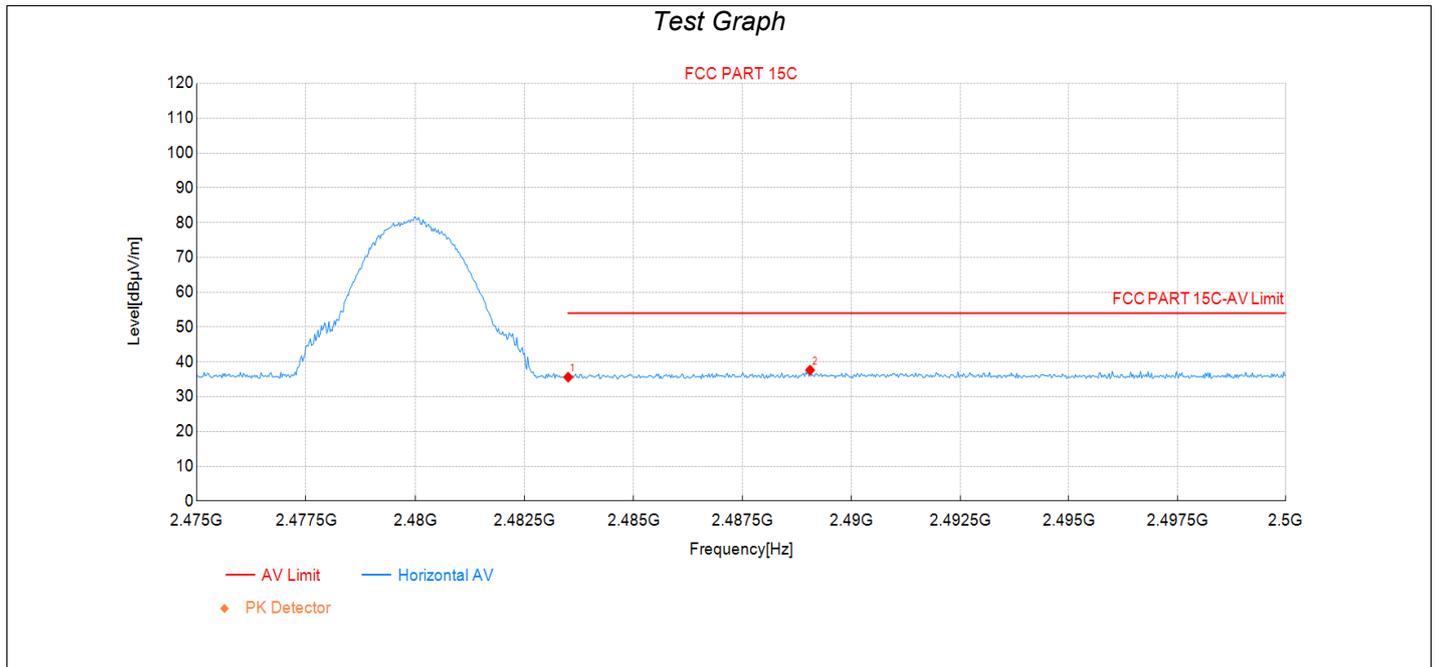
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.23	29.27	34.49	5.22	54.00	19.51	AV	Vertic	PASS
2	2390.00	27.89	33.12	5.23	54.00	20.88	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps



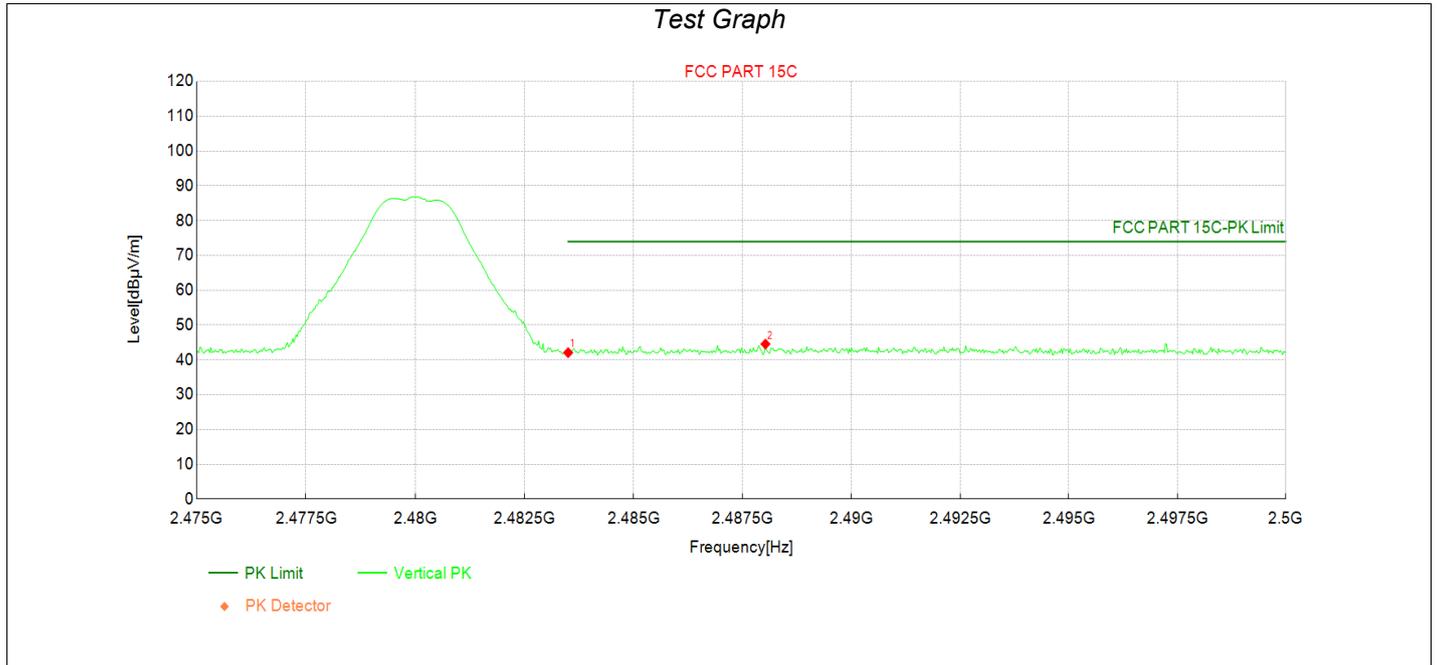
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.78	42.37	5.59	74.00	31.63	PK	Horizo	PASS
2	2485.50	38.70	44.31	5.61	74.00	29.69	PK	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps



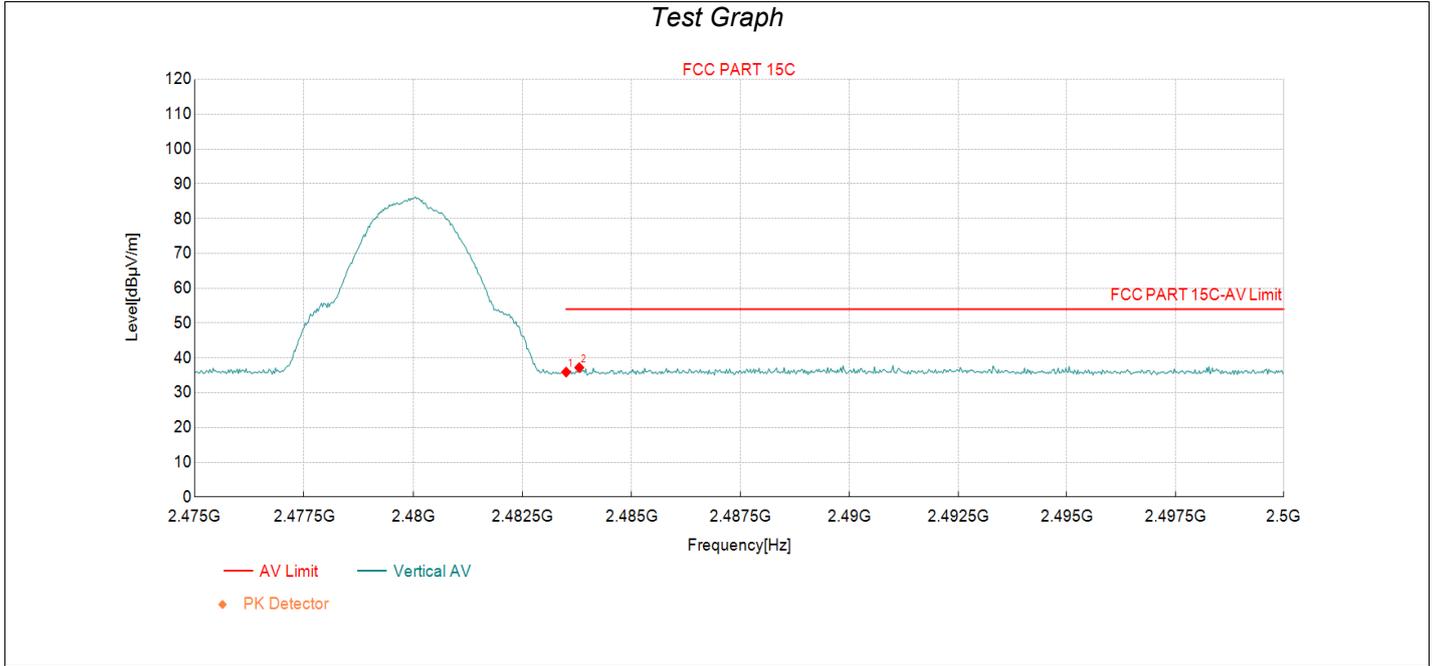
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	30.00	35.59	5.59	54.00	18.41	AV	Horizo	PASS
2	2489.05	32.01	37.63	5.62	54.00	16.37	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps



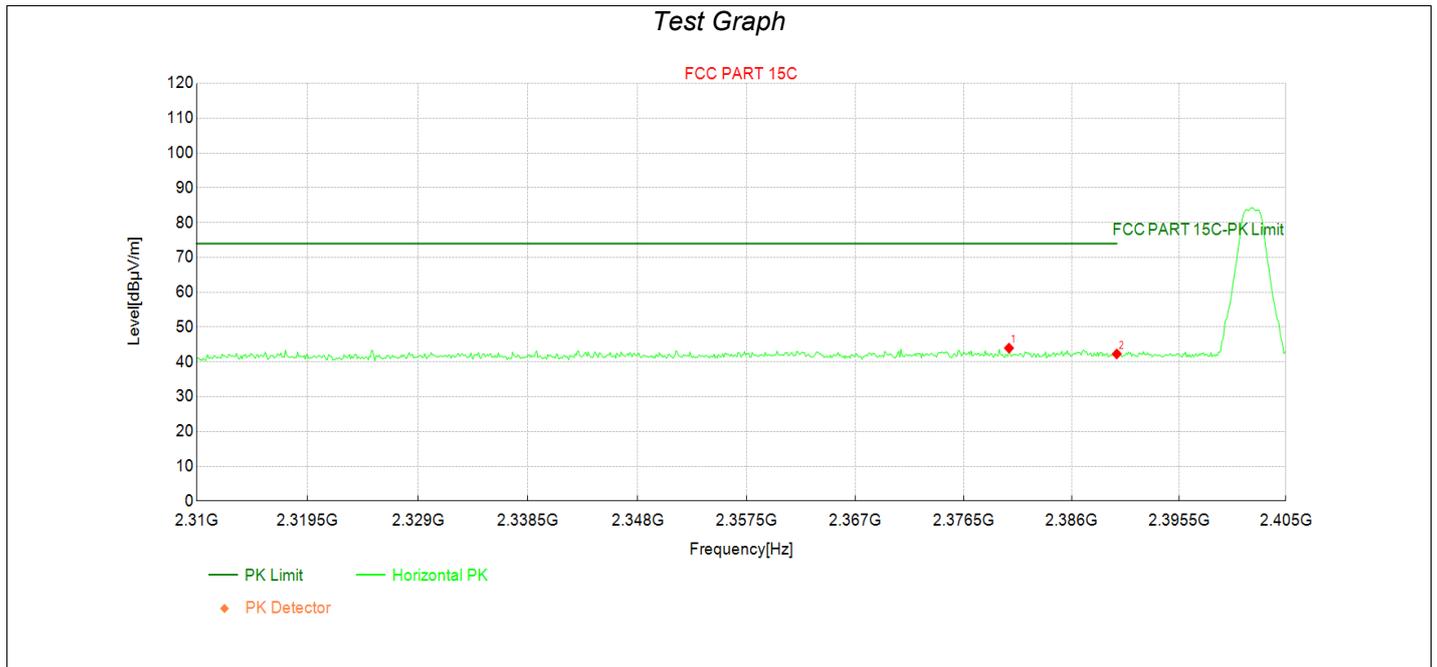
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.48	42.07	5.59	74.00	31.93	PK	Vertic	PASS
2	2488.03	38.93	44.54	5.61	74.00	29.46	PK	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps



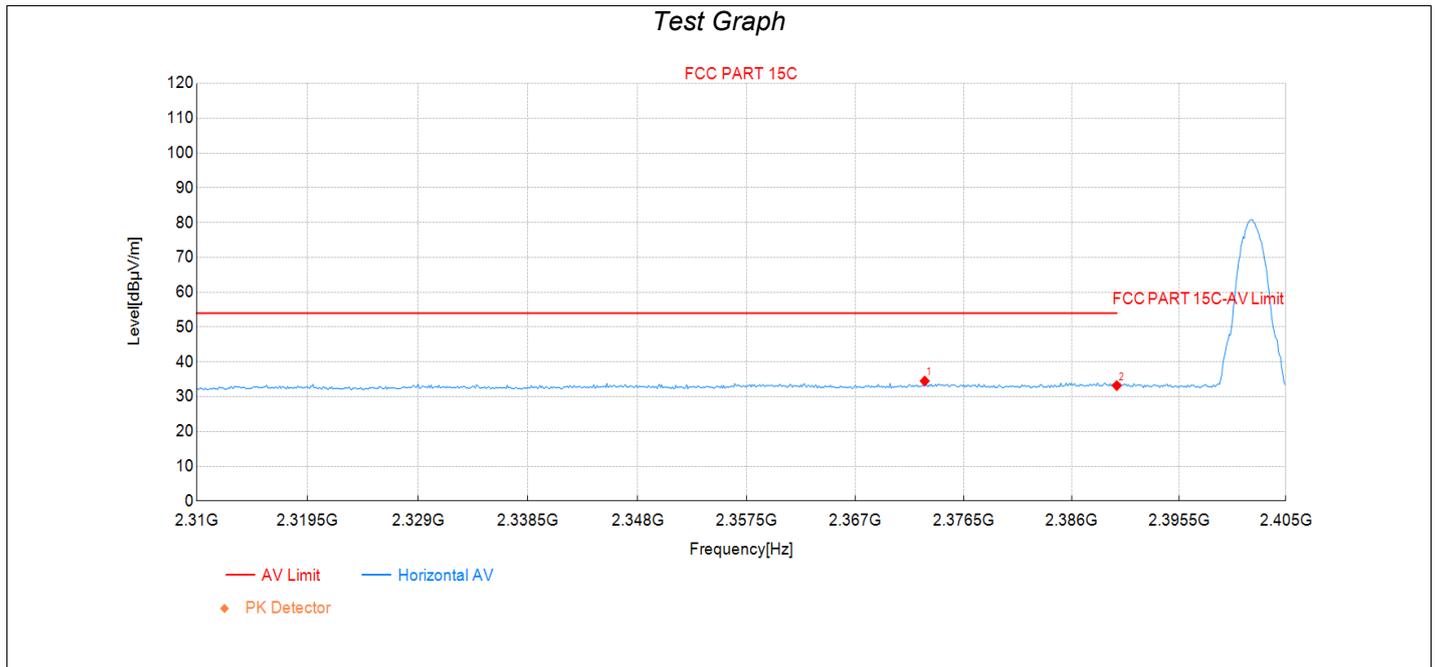
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	30.32	35.91	5.59	54.00	18.09	AV	Vertic	PASS
2	2483.80	31.61	37.20	5.59	54.00	16.80	AV	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps



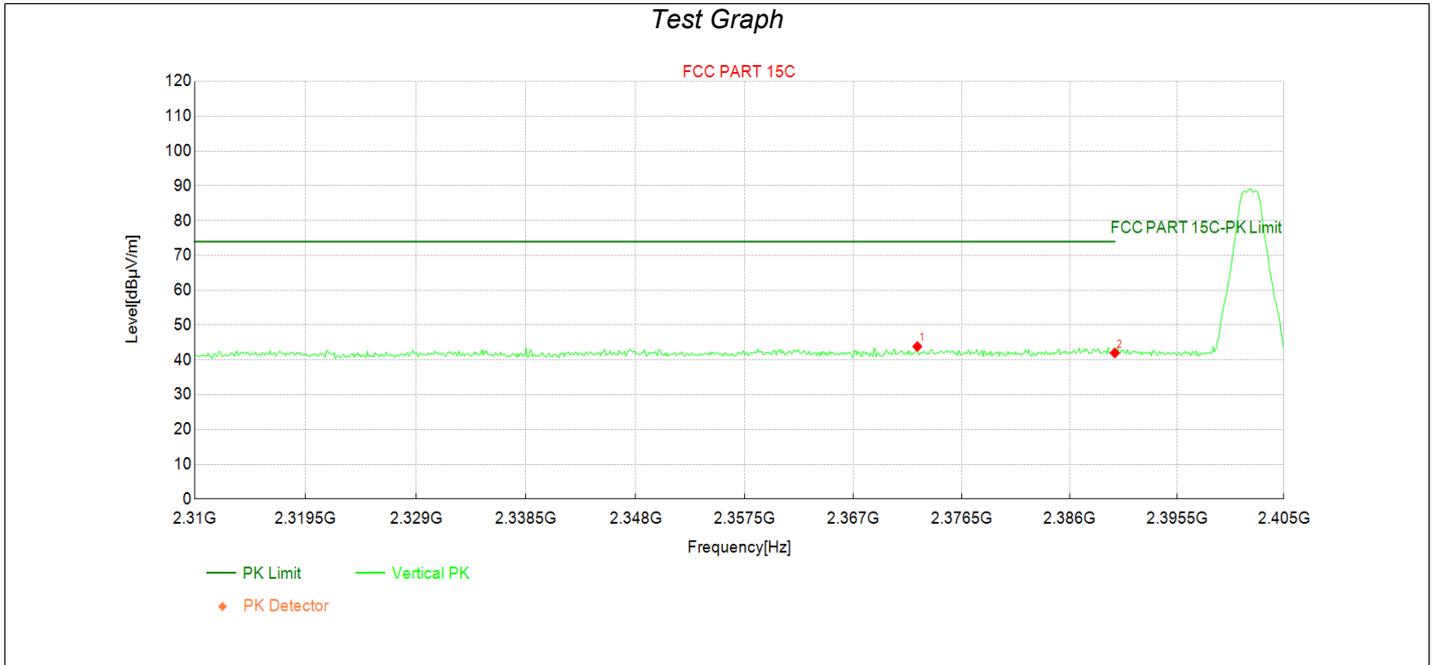
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2380.49	38.78	43.95	5.17	74.00	30.05	PK	Horizo	PASS
2	2390.00	37.04	42.27	5.23	74.00	31.73	PK	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps



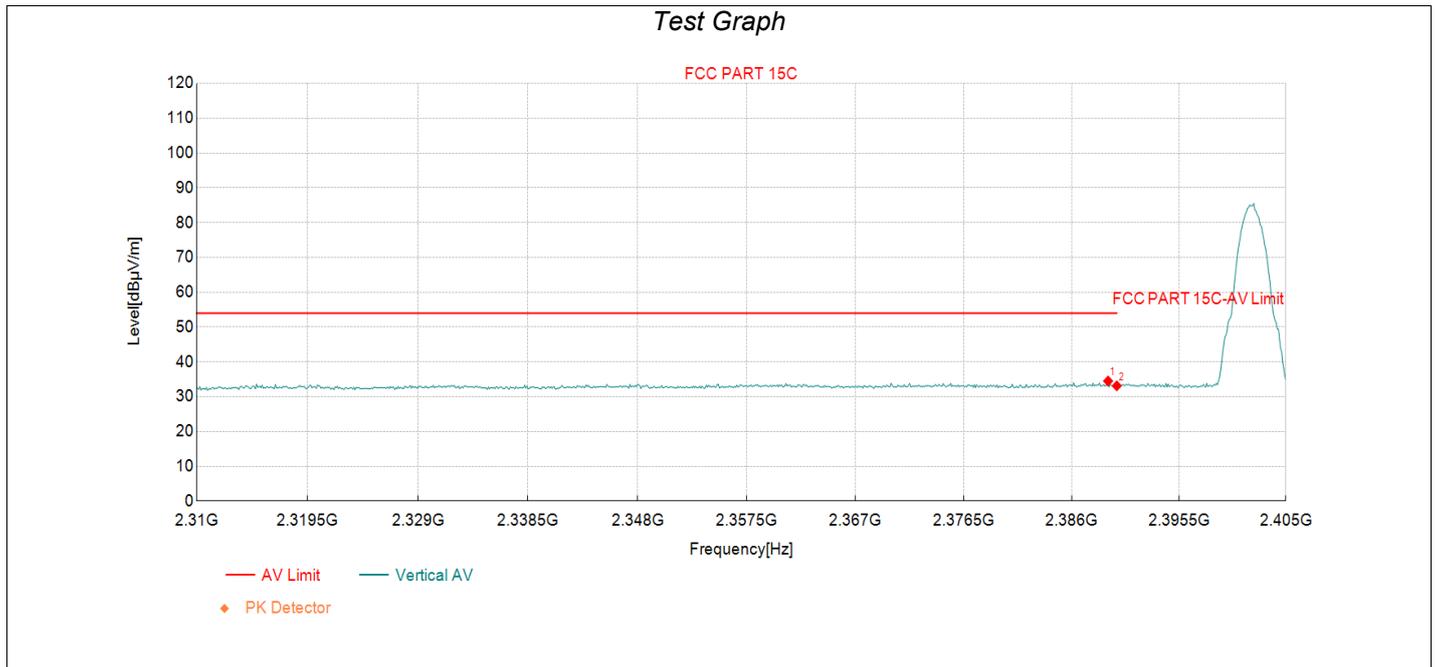
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2373.08	29.37	34.49	5.12	54.00	19.51	AV	Horizo	PASS
2	2390.00	27.94	33.17	5.23	54.00	20.83	AV	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps



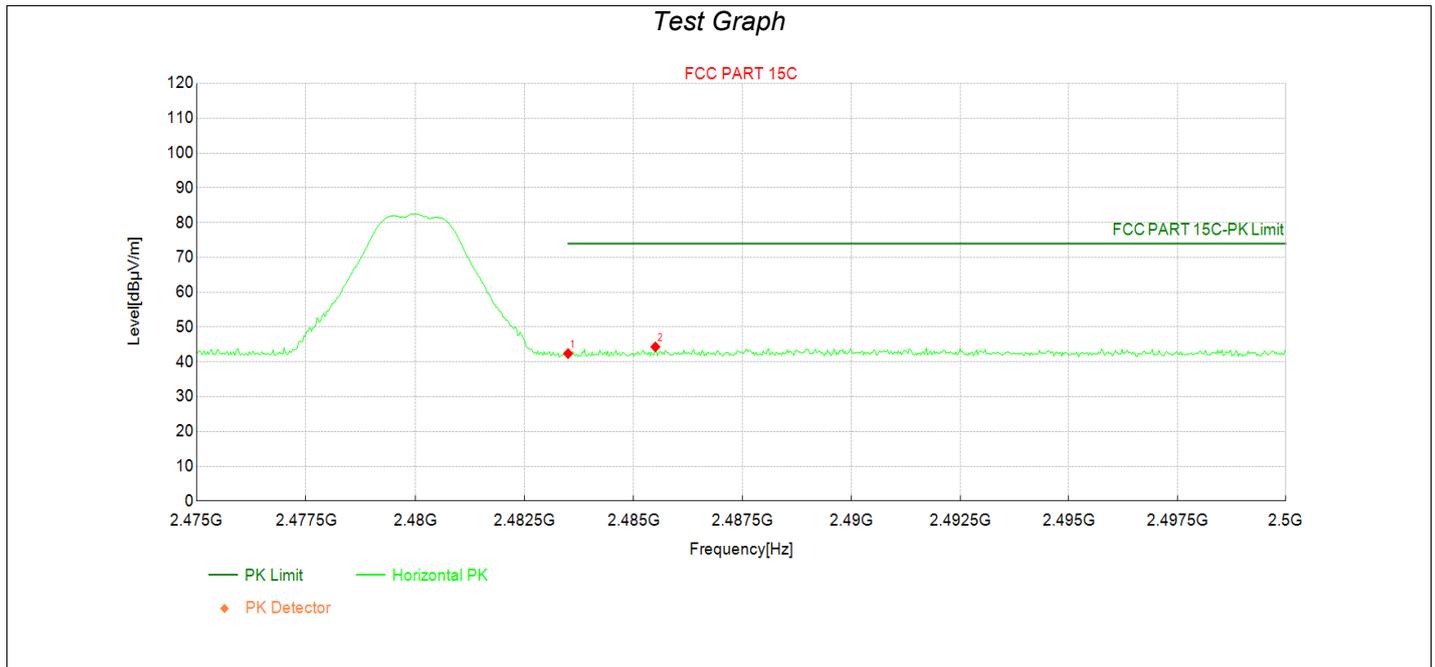
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2372.61	38.72	43.84	5.12	74.00	30.16	PK	Vertic	PASS
2	2390.00	36.75	41.98	5.23	74.00	32.02	PK	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps



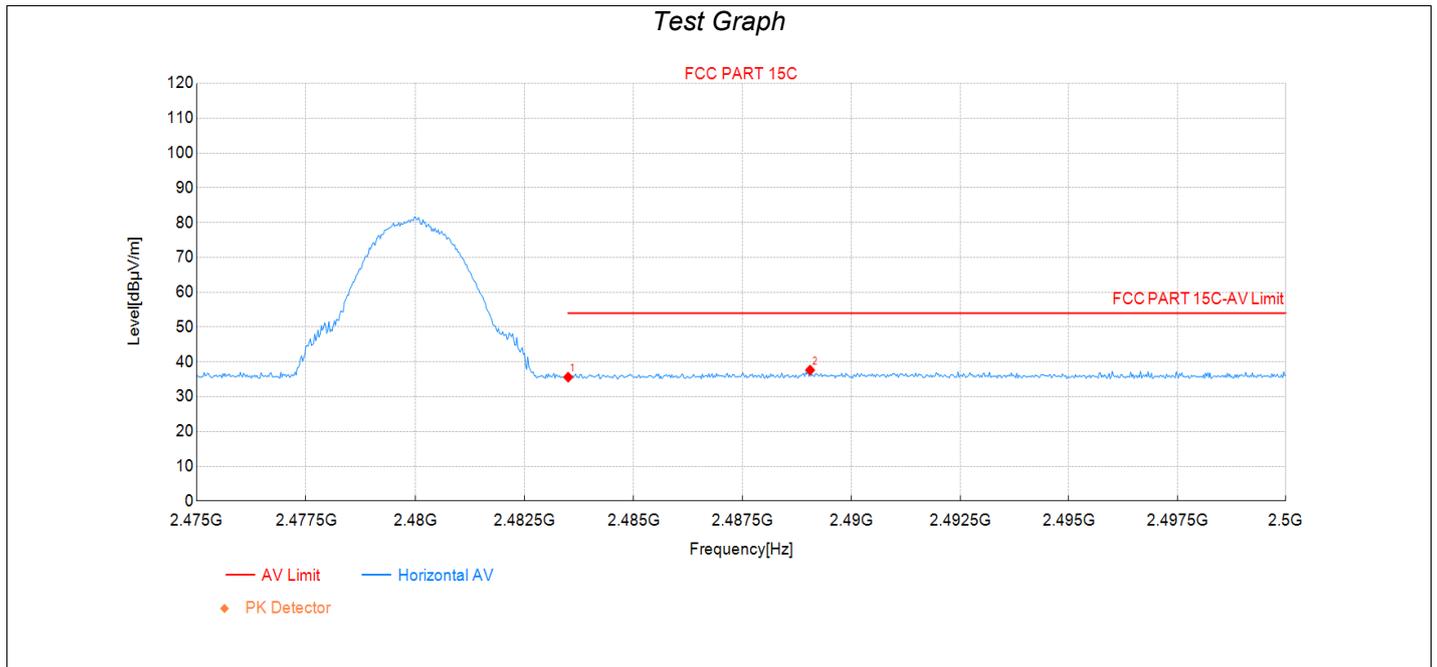
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.23	29.27	34.49	5.22	54.00	19.51	AV	Vertic	PASS
2	2390.00	27.89	33.12	5.23	54.00	20.88	AV	Vertic	PASS

Transmit at 2480MHz by LE_2Mbps



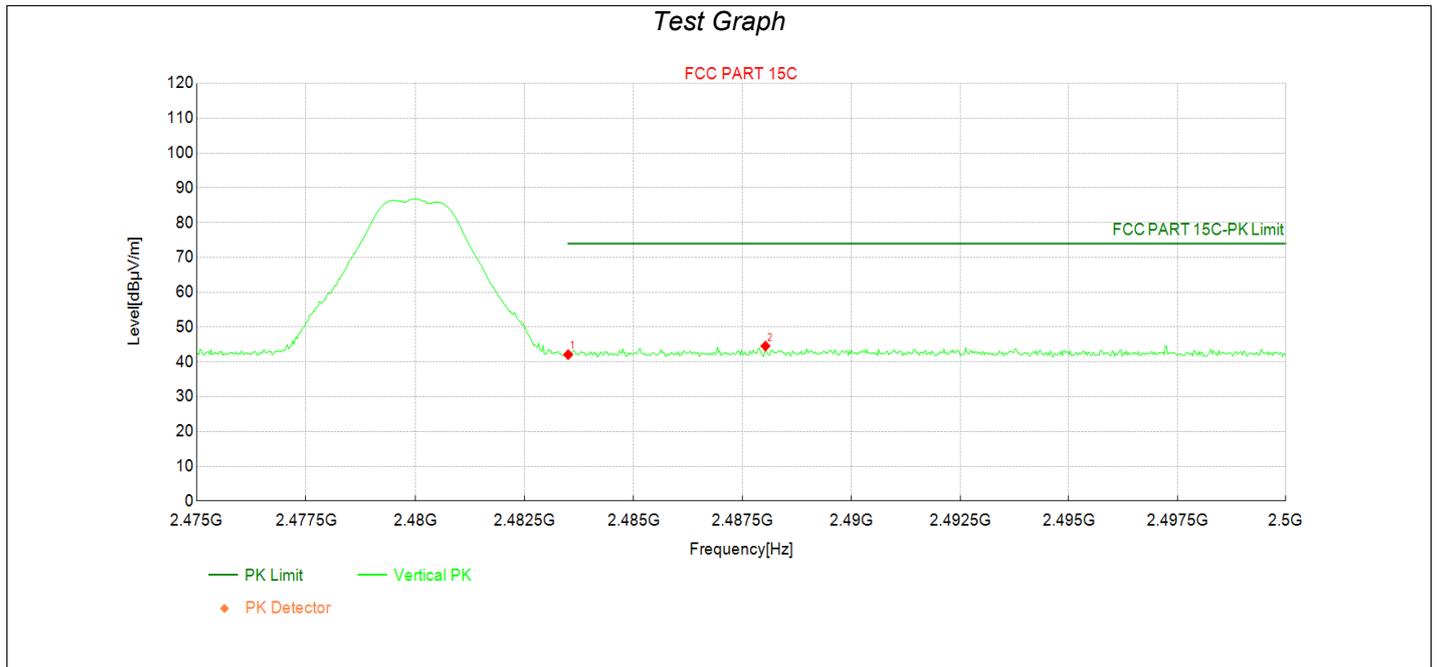
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	36.78	42.37	5.59	74.00	31.63	PK	Horizo	PASS
2	2485.50	38.70	44.31	5.61	74.00	29.69	PK	Horizo	PASS

Transmit at 2480MHz by LE_2Mbps



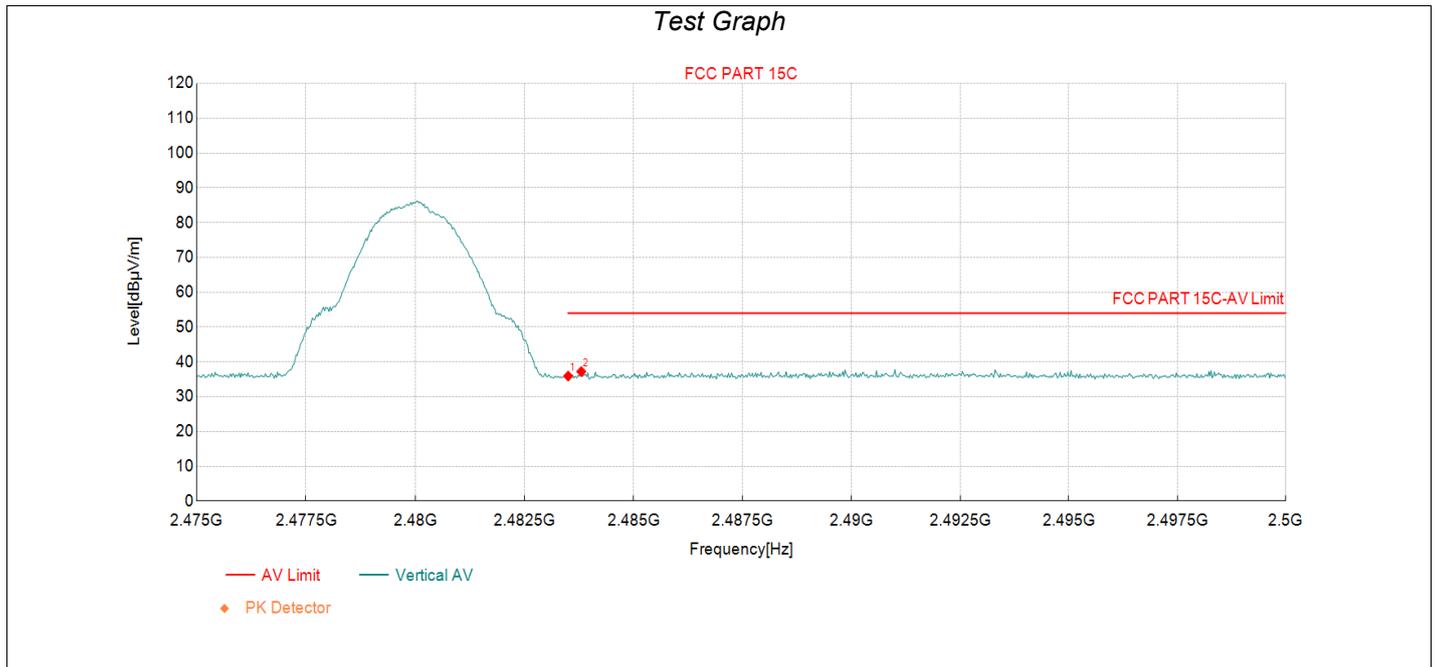
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	30.00	35.59	5.59	54.00	18.41	AV	Horizo	PASS
2	2489.05	32.01	37.63	5.62	54.00	16.37	AV	Horizo	PASS

Transmit at 2480MHz 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	36.48	42.07	5.59	74.00	31.93	PK	Vertic	PASS
2	2488.03	38.93	44.54	5.61	74.00	29.46	PK	Vertic	PASS

Transmit at 2480MHz 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	30.32	35.91	5.59	54.00	18.09	AV	Vertic	PASS
2	2483.80	31.61	37.20	5.59	54.00	16.80	AV	Vertic	PASS

Note:

1. Level = Reading + Factor.
2. Margin = Limit – Level
3. Only choose worst mode data shown in this report.

Appendix F: Conducted Spurious Emission

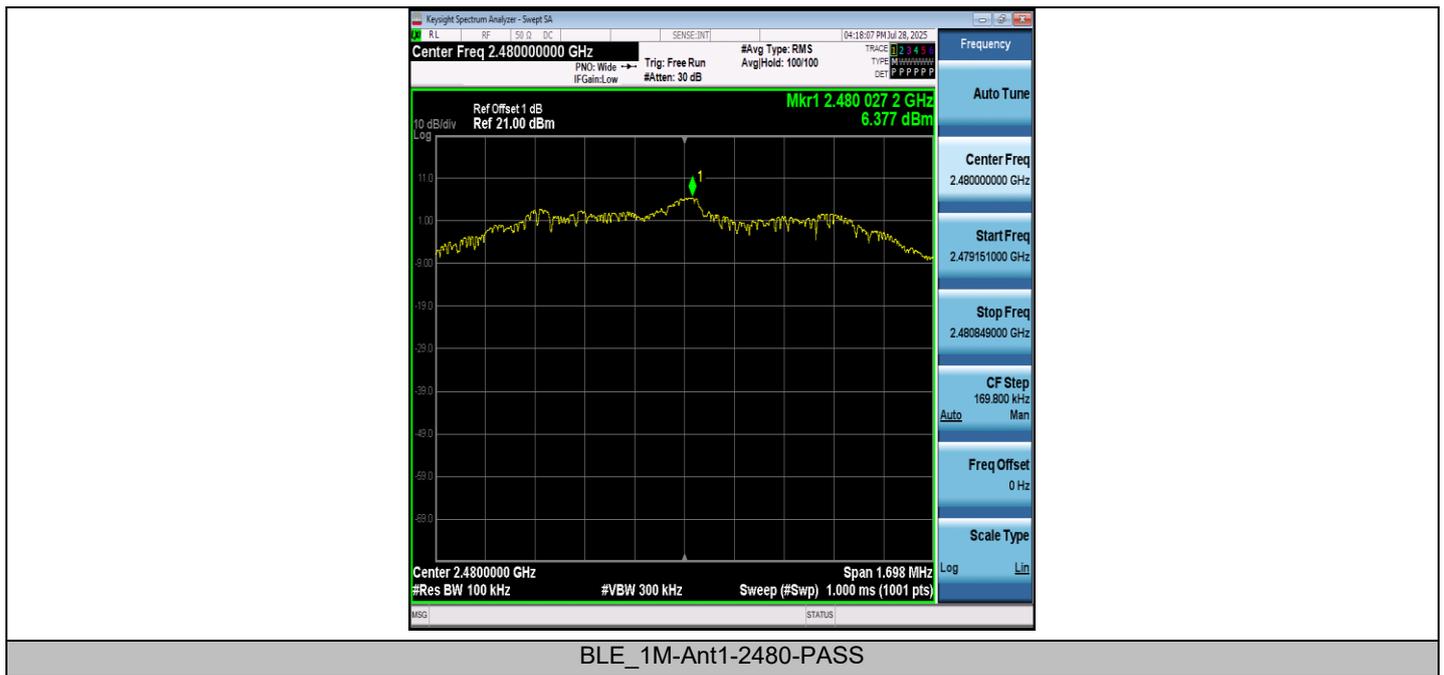
Reference level measurement :



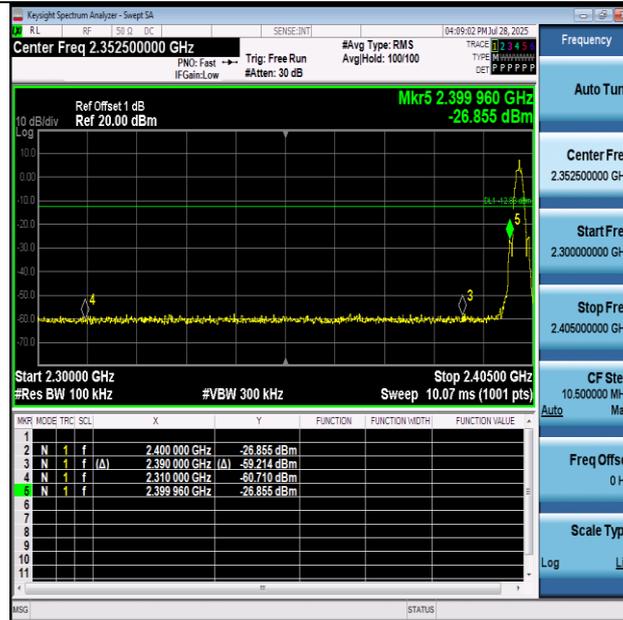
BLE_1M-Ant1-2402-PASS



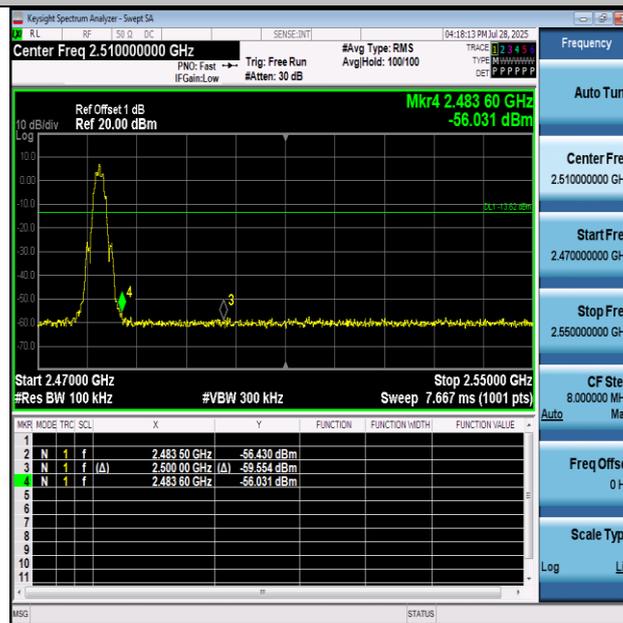
BLE_1M-Ant1-2440-PASS



Band edge measurements

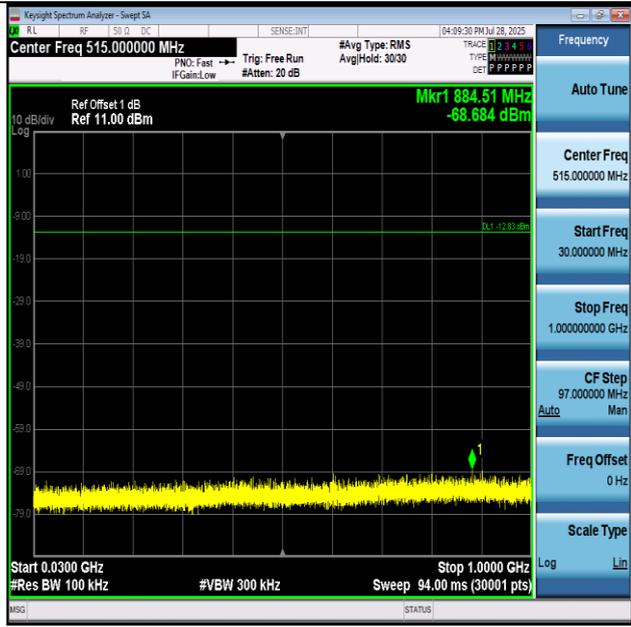


BLE_1M-Ant1-2402-PASS

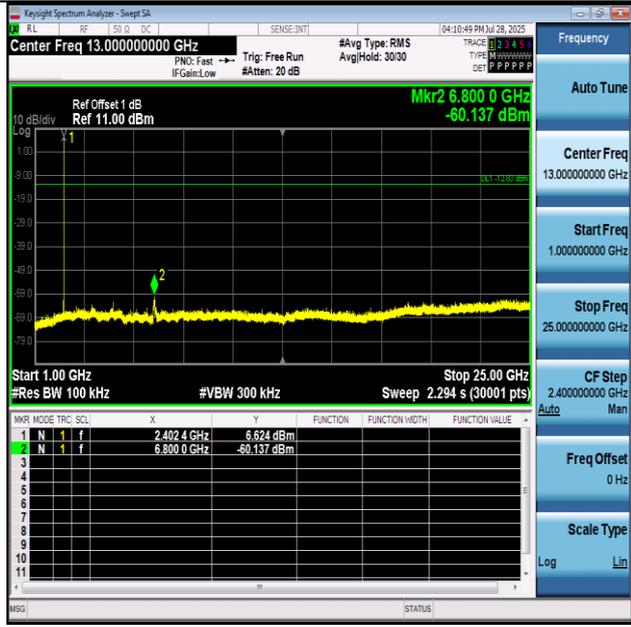


BLE_1M-Ant1-2480-PASS

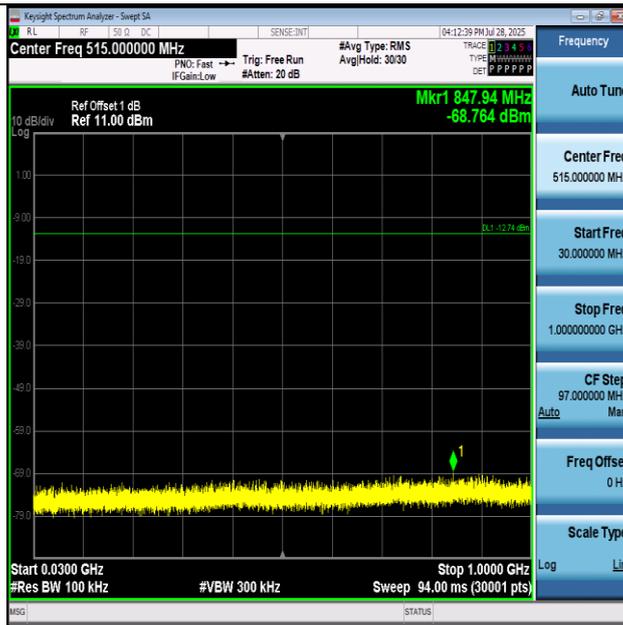
Spurious Emission



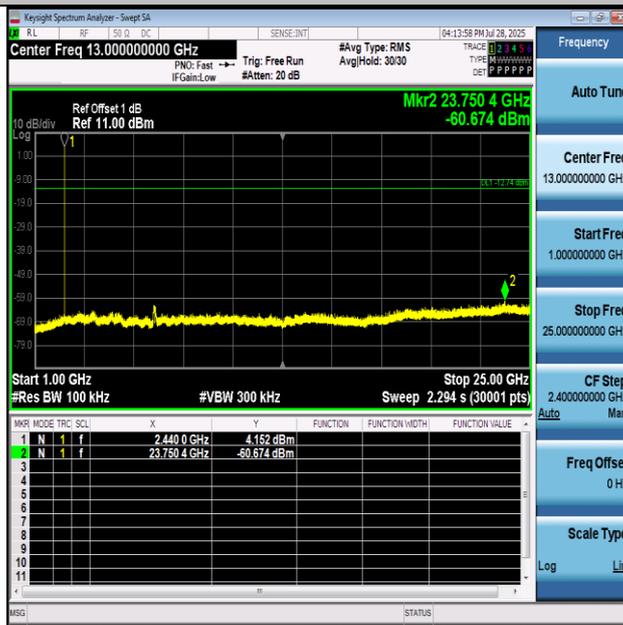
BLE_1M-Ant1-2402-30~1000-PASS



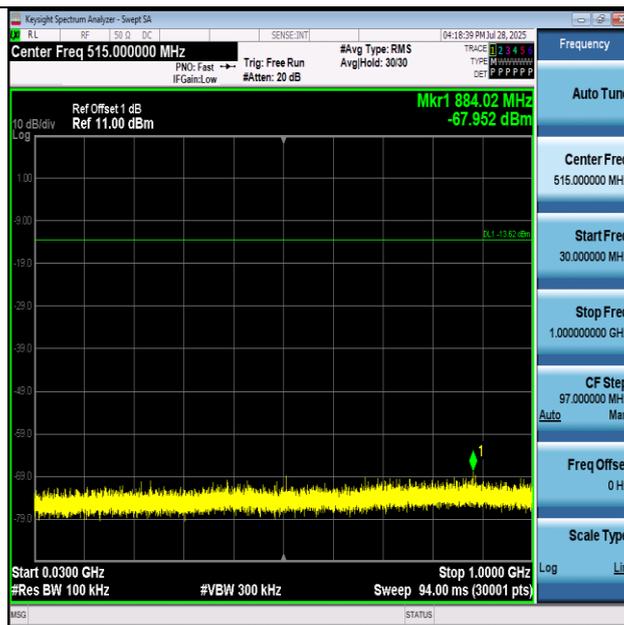
BLE_1M-Ant1-2402-1000~25000-PASS



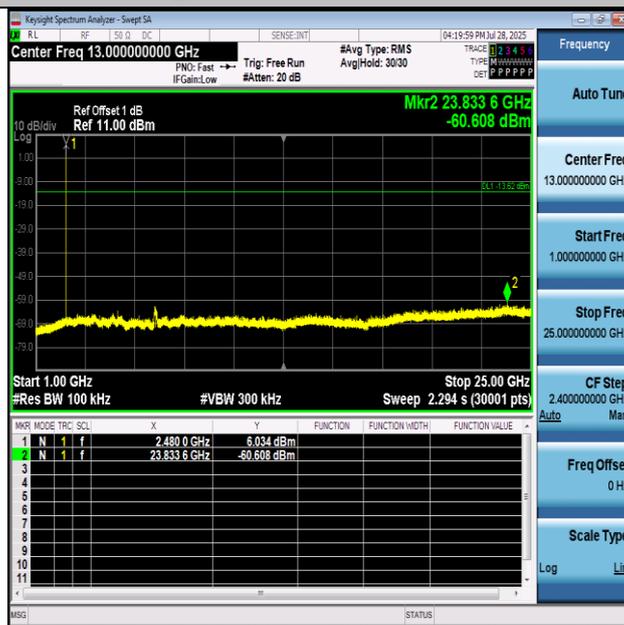
BLE_1M-Ant1-2440-30~1000-PASS



BLE_1M-Ant1-2440-1000~25000-PASS



BLE_1M-Ant1-2480-30~1000-PASS

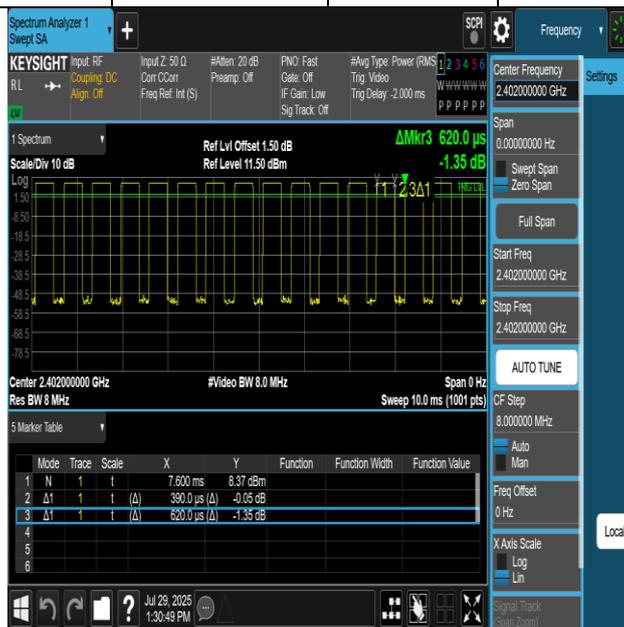


BLE_1M-Ant1-2480-1000~25000-PASS

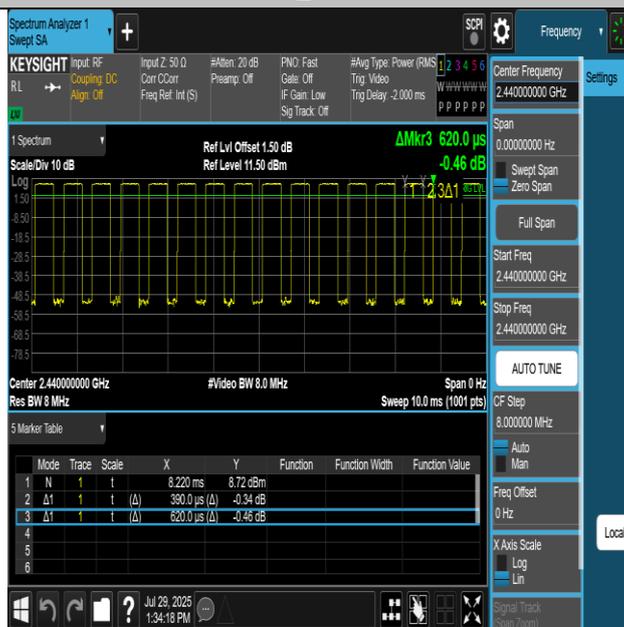
Note: Only choose worst mode data shown in this report.

Appendix G: Duty Cycle

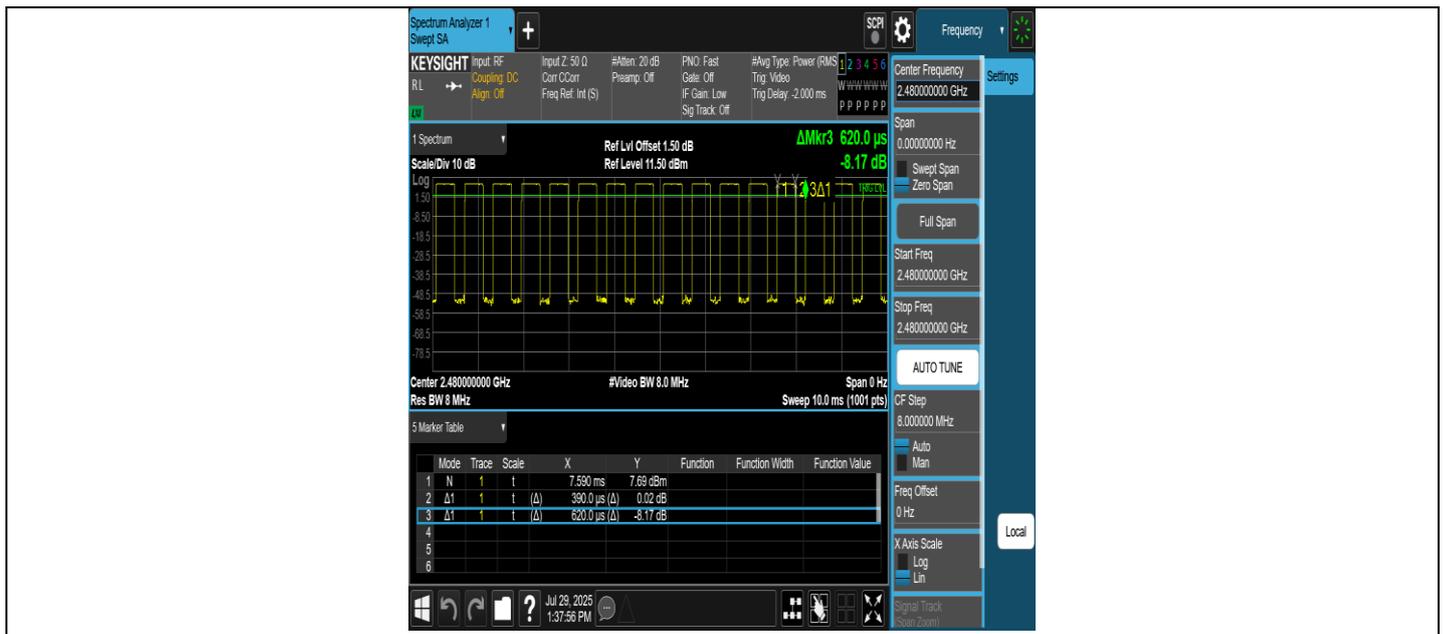
TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	2402	0.39	0.62	62.90	2.01
BLE_1M	2440	0.39	0.62	62.90	2.01
BLE_1M	2480	0.39	0.62	62.90	2.01
BLE_2M	2402	0.21	0.63	33.33	4.77
BLE_2M	2440	0.21	0.63	33.33	4.77
BLE_2M	2480	0.21	0.63	33.33	4.77



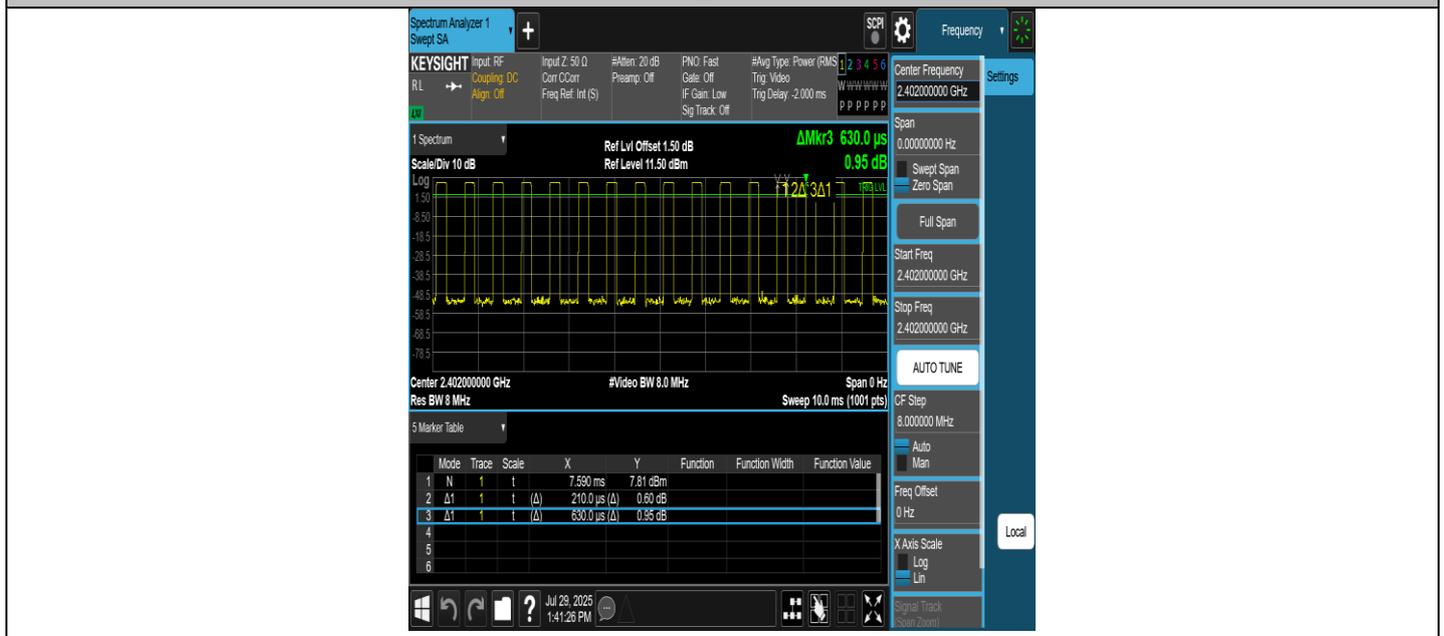
NTNV-BLE_1M-Ant1-2402



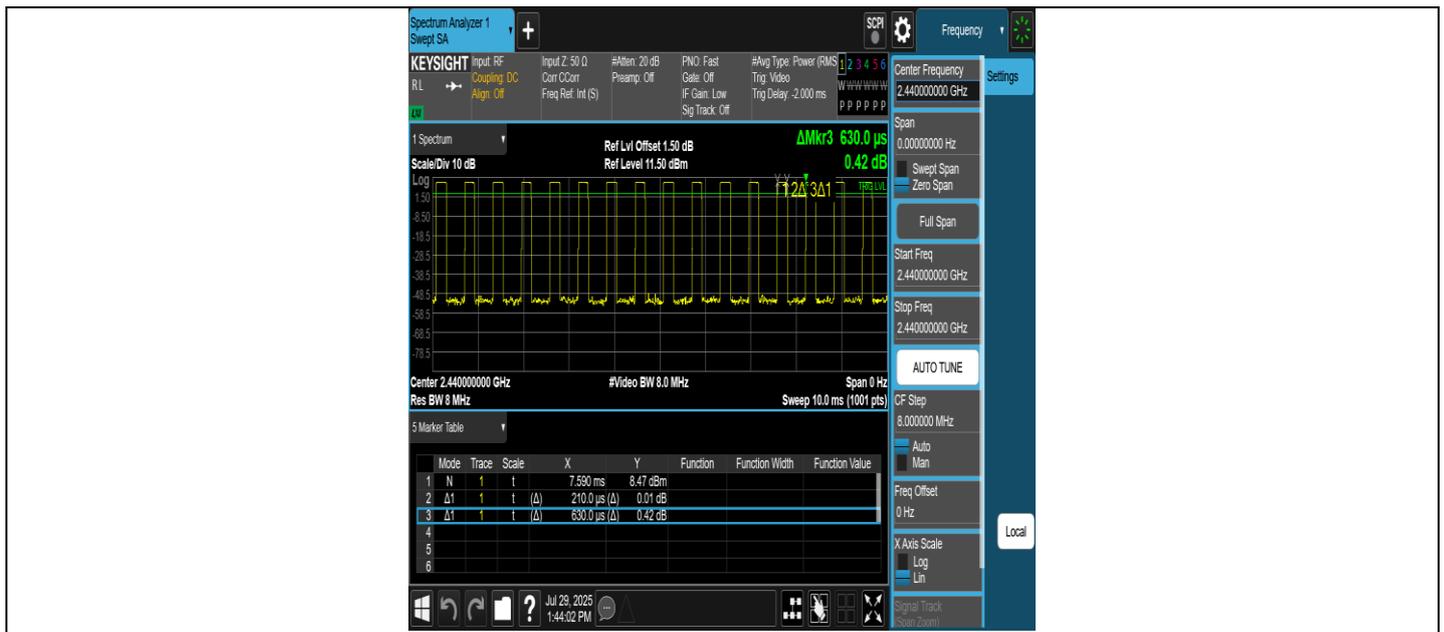
NTNV-BLE_1M-Ant1-2440



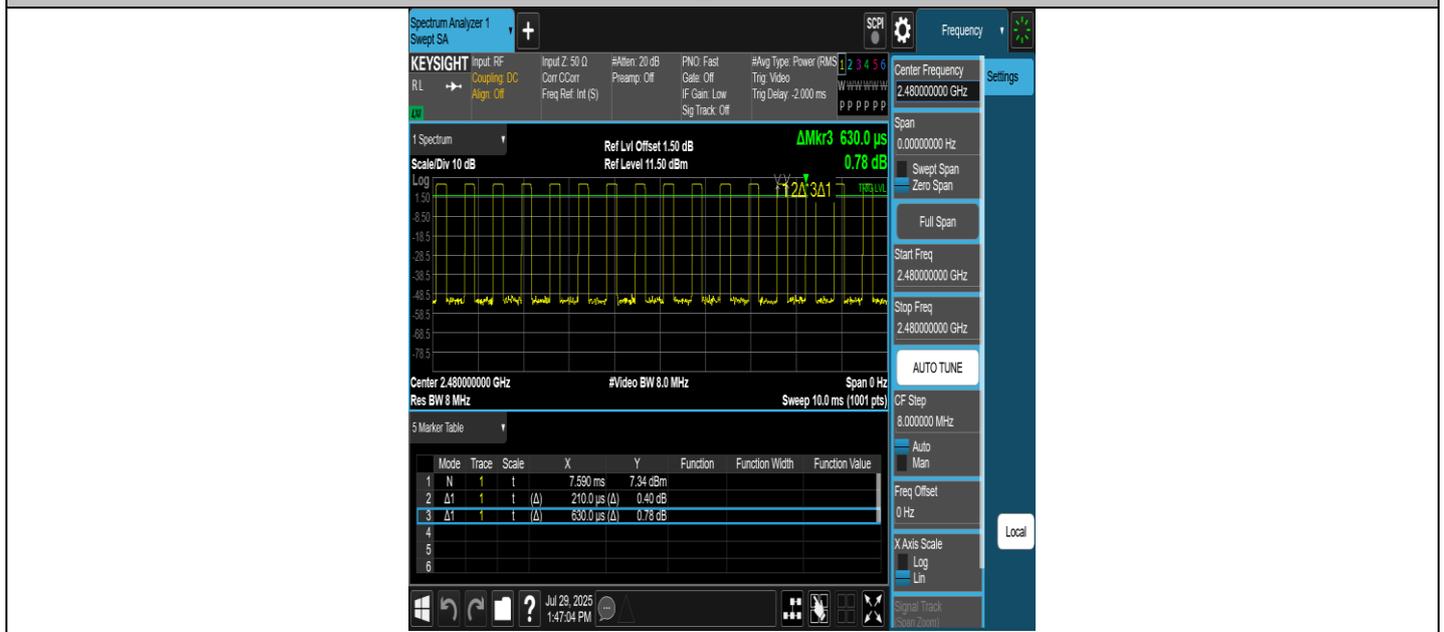
NTNV-BLE_1M-Ant1-2480



NTNV-BLE_2M-Ant1-2402



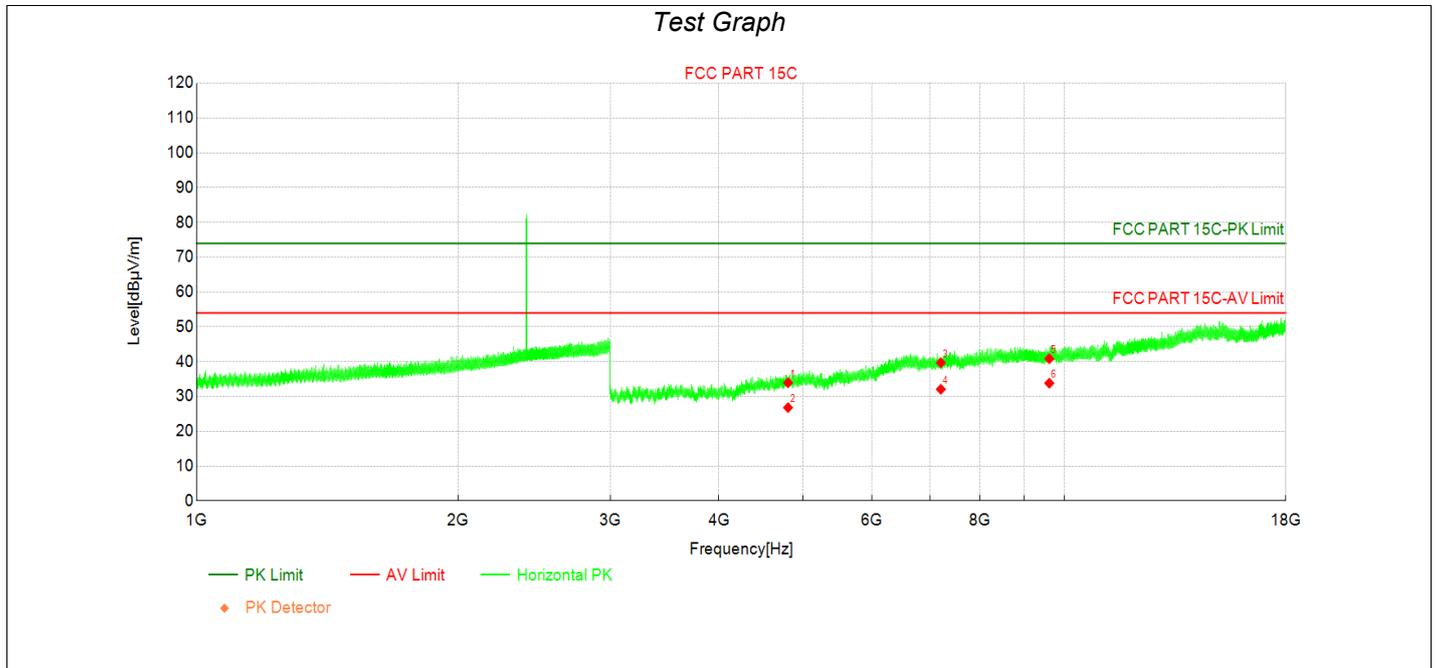
NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480

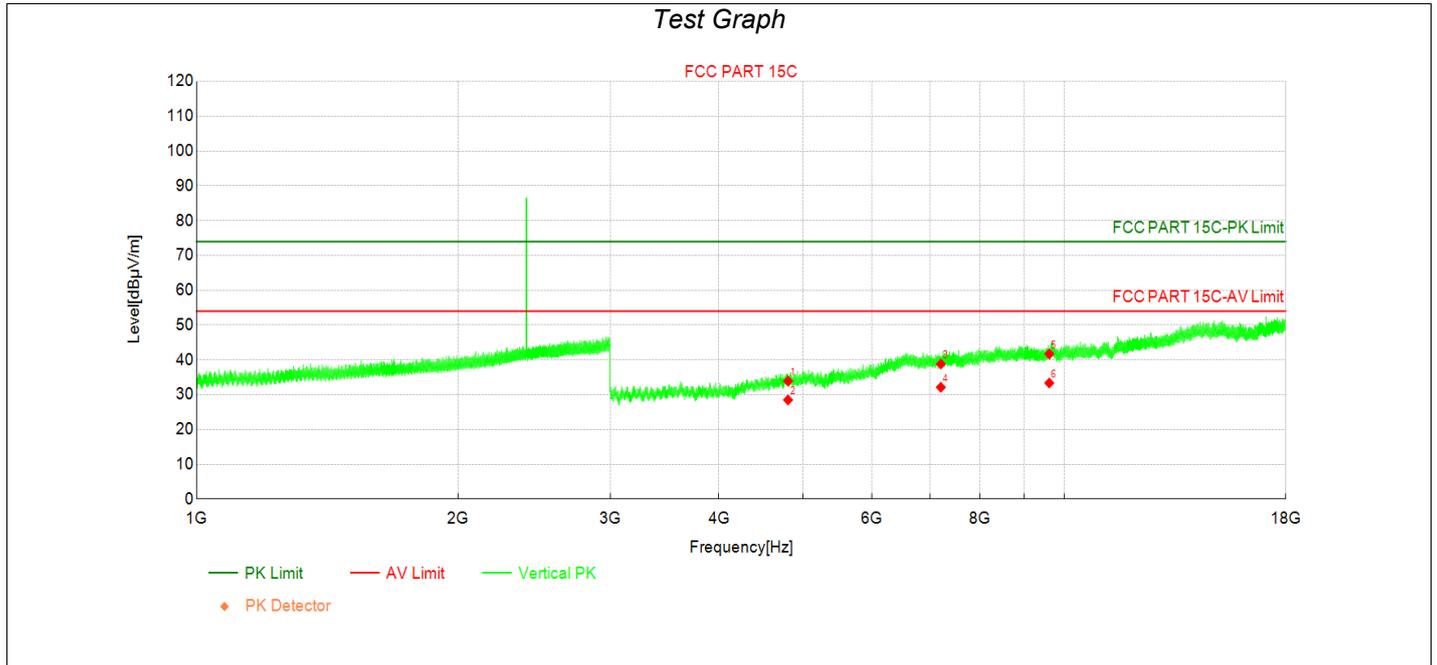
Appendix H: Emissions in Restricted Bands

Transmit at 2402MHz by LE_1Mbps



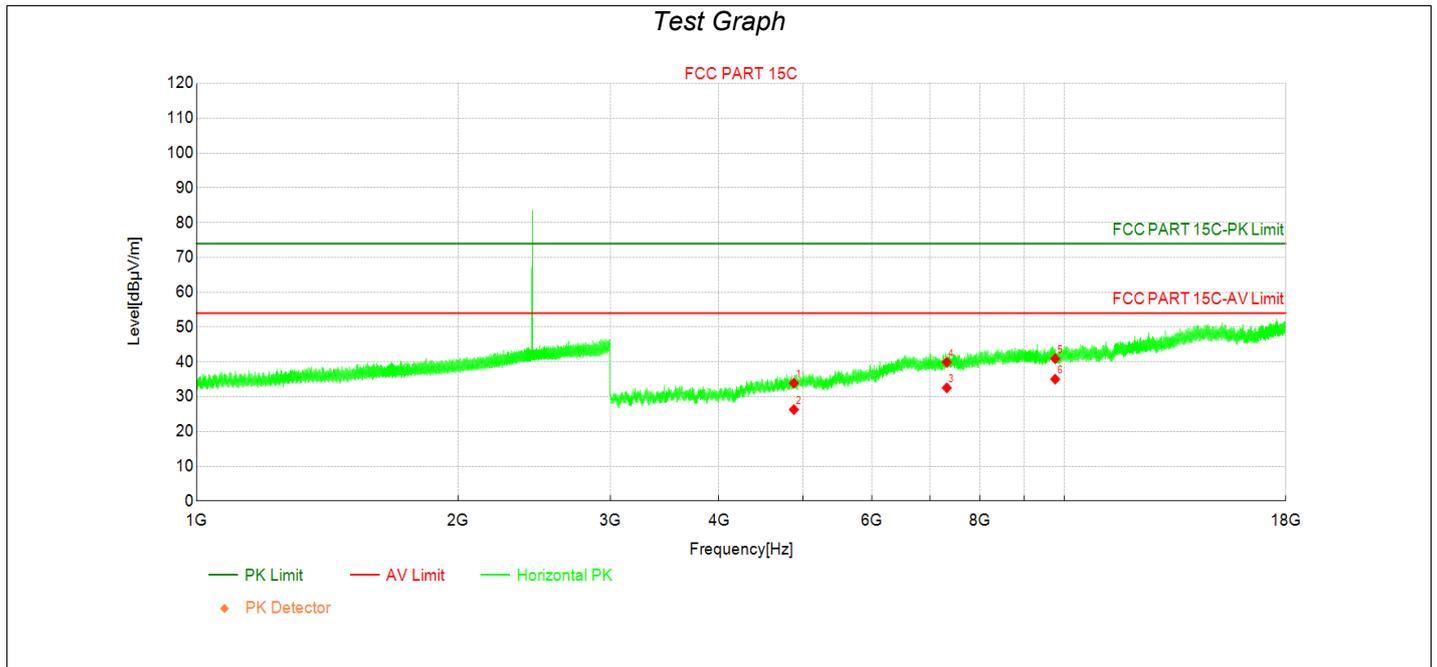
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	38.64	33.95	-4.69	74.00	40.05	PK	Horizo	PASS
2	4804.00	31.49	26.80	-4.69	54.00	27.20	AV	Horizo	PASS
3	7206.00	36.33	39.68	3.35	74.00	34.32	PK	Horizo	PASS
4	7206.00	28.71	32.06	3.35	54.00	21.94	AV	Horizo	PASS
5	9608.00	34.02	40.84	6.82	74.00	33.16	PK	Horizo	PASS
6	9608.00	26.98	33.80	6.82	54.00	20.20	AV	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps



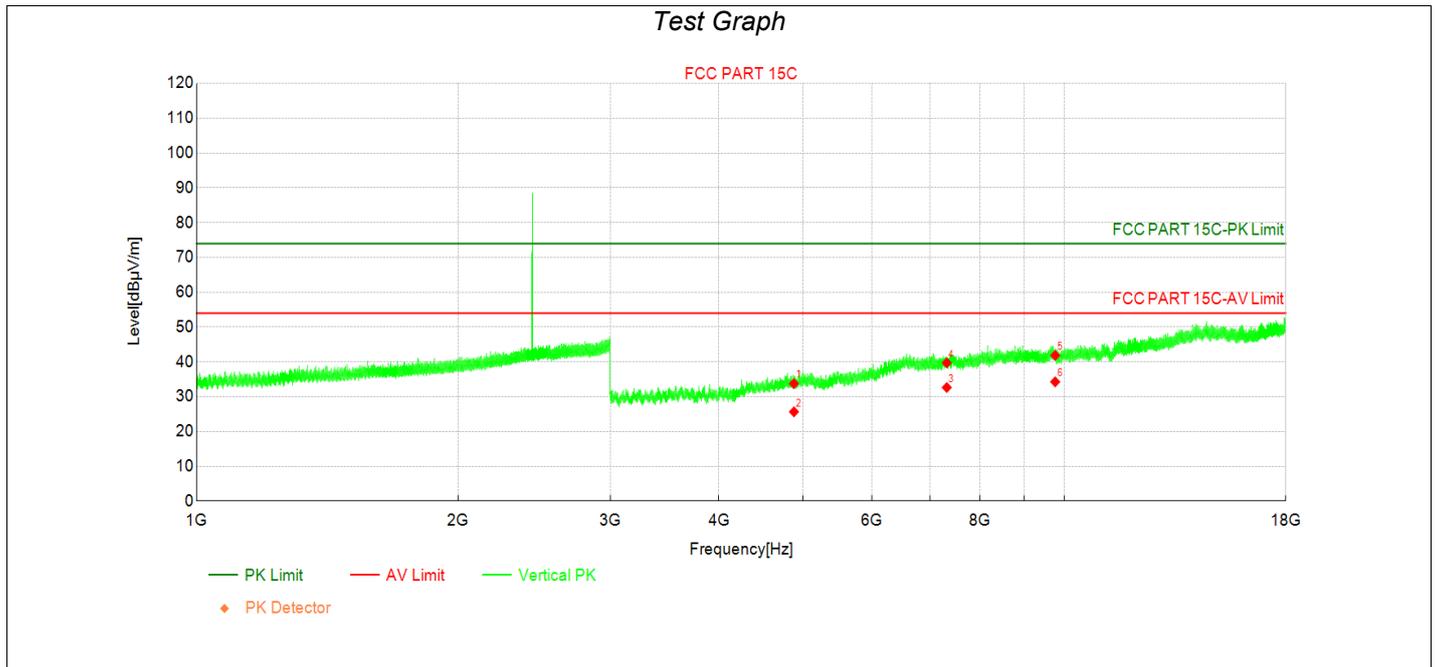
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	38.61	33.92	-4.69	74.00	40.08	PK	Vertic	PASS
2	4804.00	33.16	28.47	-4.69	54.00	25.53	AV	Vertic	PASS
3	7206.00	35.45	38.80	3.35	74.00	35.20	PK	Vertic	PASS
4	7206.00	28.77	32.12	3.35	54.00	21.88	AV	Vertic	PASS
5	9608.00	34.87	41.69	6.82	74.00	32.31	PK	Vertic	PASS
6	9608.00	26.53	33.35	6.82	54.00	20.65	AV	Vertic	PASS

Transmit at 2440MHz by LE_1Mbps



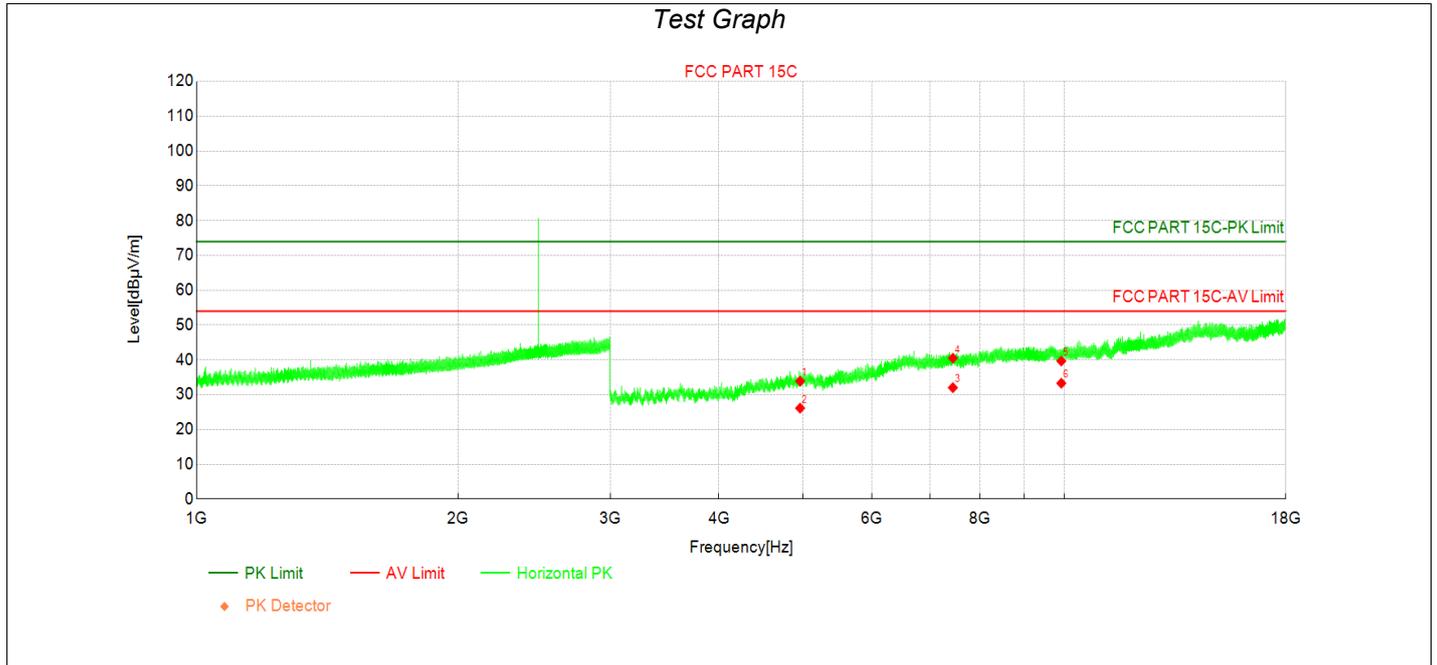
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	38.67	33.87	-4.80	74.00	40.13	PK	Horizo	PASS
2	4880.00	31.09	26.29	-4.80	54.00	27.71	AV	Horizo	PASS
3	7320.00	29.16	32.53	3.37	54.00	21.47	AV	Horizo	PASS
4	7320.00	36.52	39.89	3.37	74.00	34.11	PK	Horizo	PASS
5	9760.00	33.58	40.90	7.32	74.00	33.10	PK	Horizo	PASS
6	9760.00	27.70	35.02	7.32	54.00	18.98	AV	Horizo	PASS

Transmit at 2440MHz by LE_1Mbps



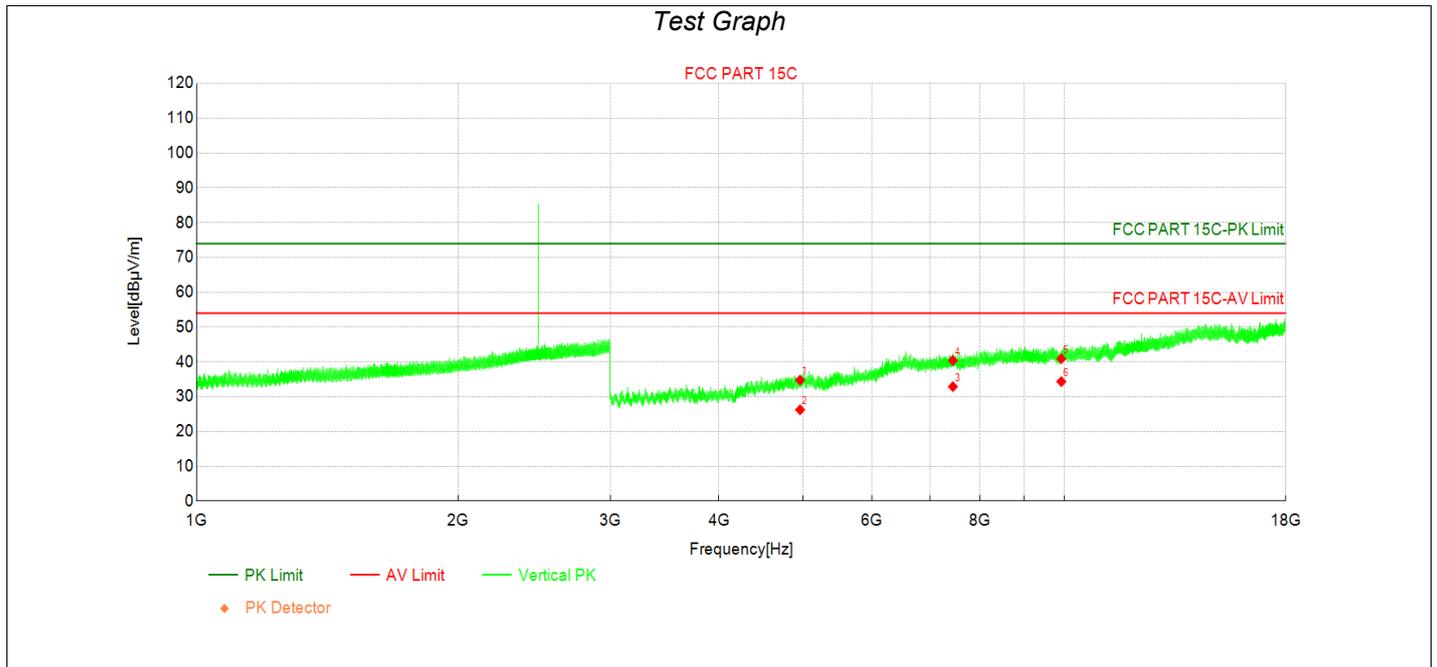
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	38.54	33.74	-4.80	74.00	40.26	PK	Vertic	PASS
2	4880.00	30.45	25.65	-4.80	54.00	28.35	AV	Vertic	PASS
3	7320.00	29.26	32.63	3.37	54.00	21.37	AV	Vertic	PASS
4	7320.00	36.33	39.70	3.37	74.00	34.30	PK	Vertic	PASS
5	9760.00	34.54	41.86	7.32	74.00	32.14	PK	Vertic	PASS
6	9760.00	26.94	34.26	7.32	54.00	19.74	AV	Vertic	PASS

Transmit at 2480MHz by LE_1Mbps



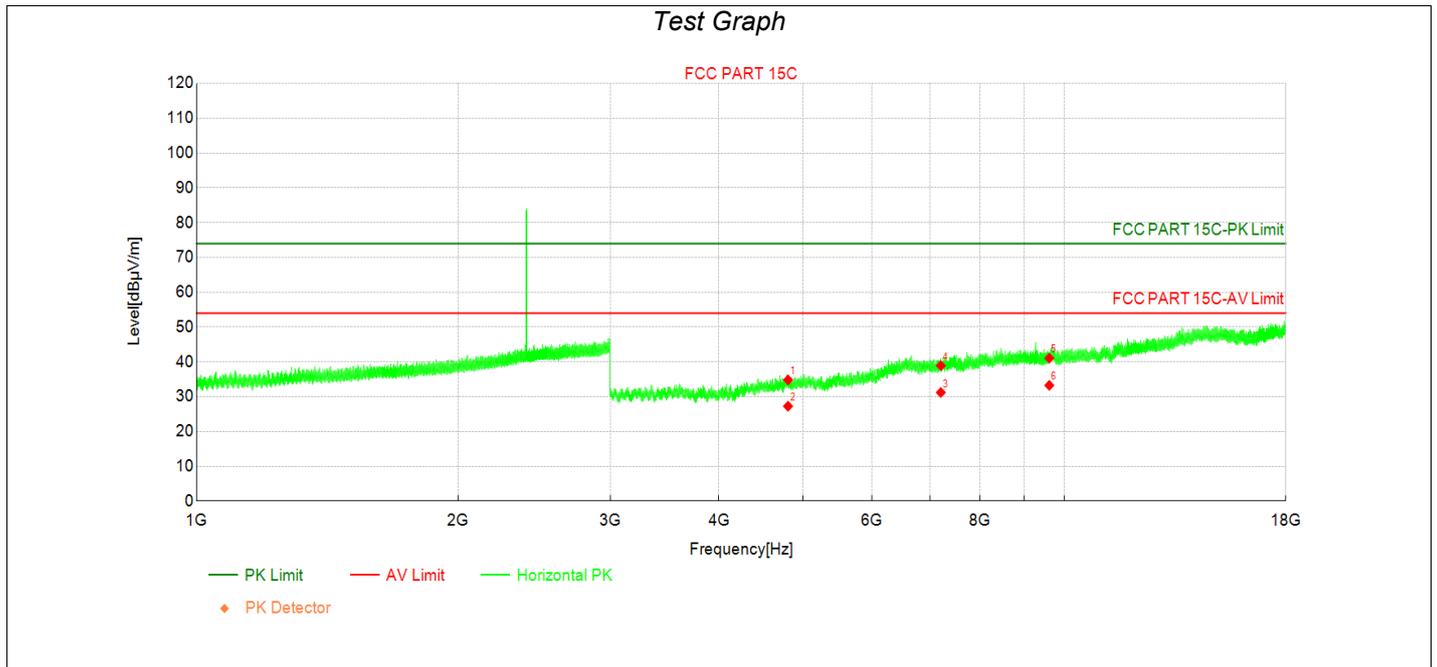
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	38.58	33.88	-4.70	74.00	40.12	PK	Horizo	PASS
2	4960.00	30.82	26.12	-4.70	54.00	27.88	AV	Horizo	PASS
3	7440.00	28.33	32.02	3.69	54.00	21.98	AV	Horizo	PASS
4	7440.00	36.80	40.49	3.69	74.00	33.51	PK	Horizo	PASS
5	9920.00	32.67	39.65	6.98	74.00	34.35	PK	Horizo	PASS
6	9920.00	26.30	33.28	6.98	54.00	20.72	AV	Horizo	PASS

Transmit at 2480MHz by LE_1Mbps



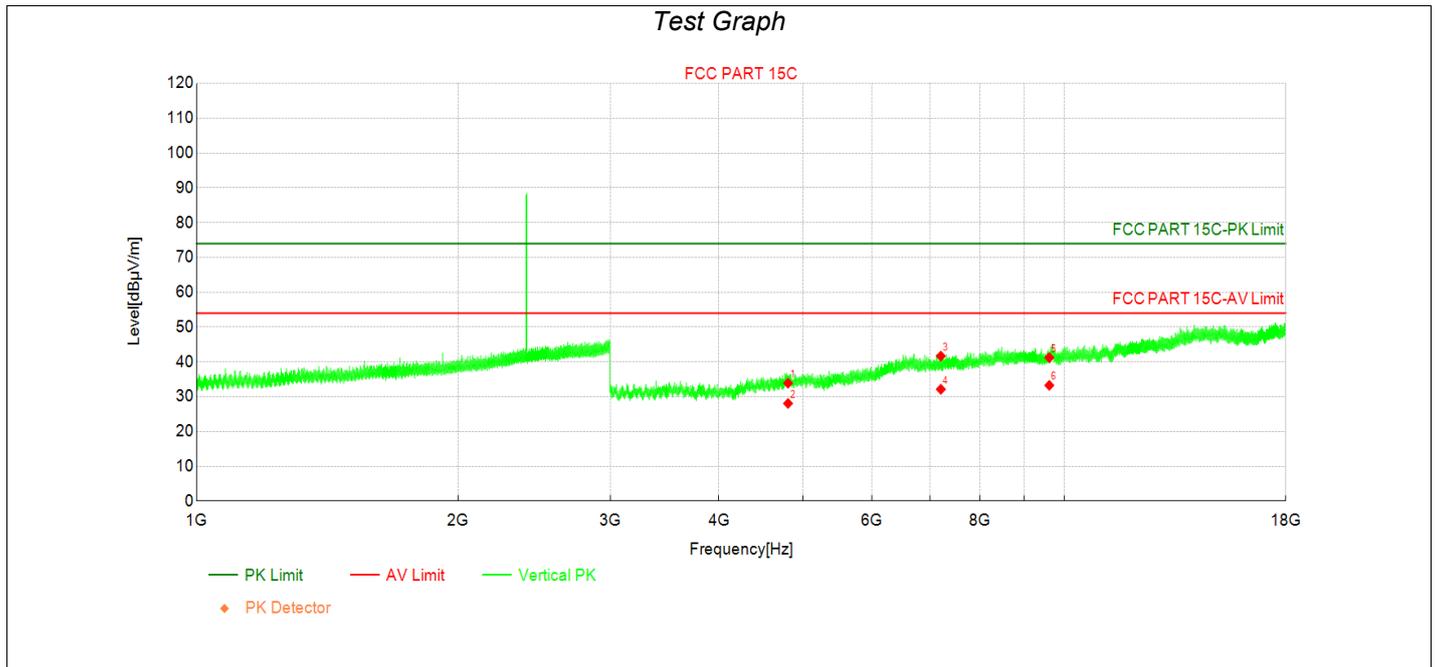
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	39.45	34.75	-4.70	74.00	39.25	PK	Vertic	PASS
2	4960.00	30.93	26.23	-4.70	54.00	27.77	AV	Vertic	PASS
3	7440.00	29.18	32.87	3.69	54.00	21.13	AV	Vertic	PASS
4	7440.00	36.71	40.40	3.69	74.00	33.60	PK	Vertic	PASS
5	9920.00	33.93	40.91	6.98	74.00	33.09	PK	Vertic	PASS
6	9920.00	27.34	34.32	6.98	54.00	19.68	AV	Vertic	PASS

Transmit at 2402MHz by LE_2Mbps



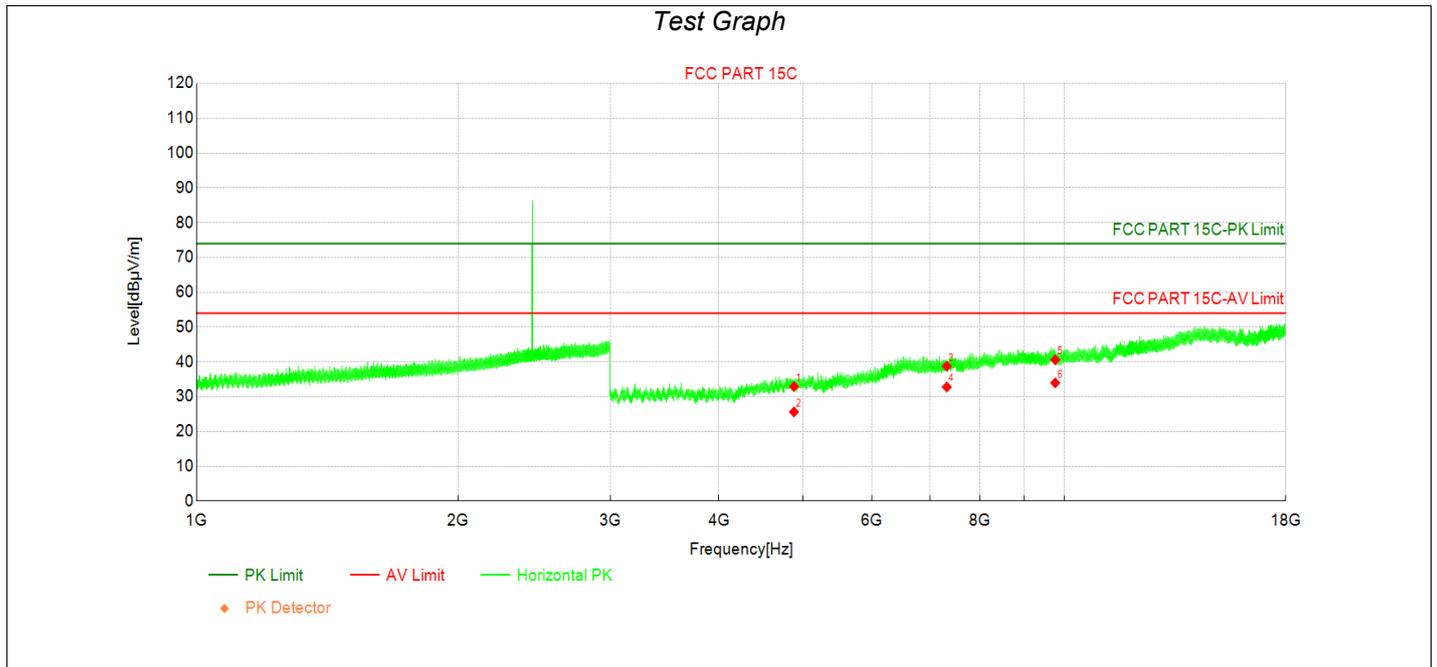
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	39.48	34.79	-4.69	74.00	39.21	PK	Horizo	PASS
2	4804.00	31.94	27.25	-4.69	54.00	26.75	AV	Horizo	PASS
3	7206.00	27.84	31.19	3.35	54.00	22.81	AV	Horizo	PASS
4	7206.00	35.54	38.89	3.35	74.00	35.11	PK	Horizo	PASS
5	9608.00	34.25	41.07	6.82	74.00	32.93	PK	Horizo	PASS
6	9608.00	26.44	33.26	6.82	54.00	20.74	AV	Horizo	PASS

Transmit at 2402MHz by LE_2Mbps



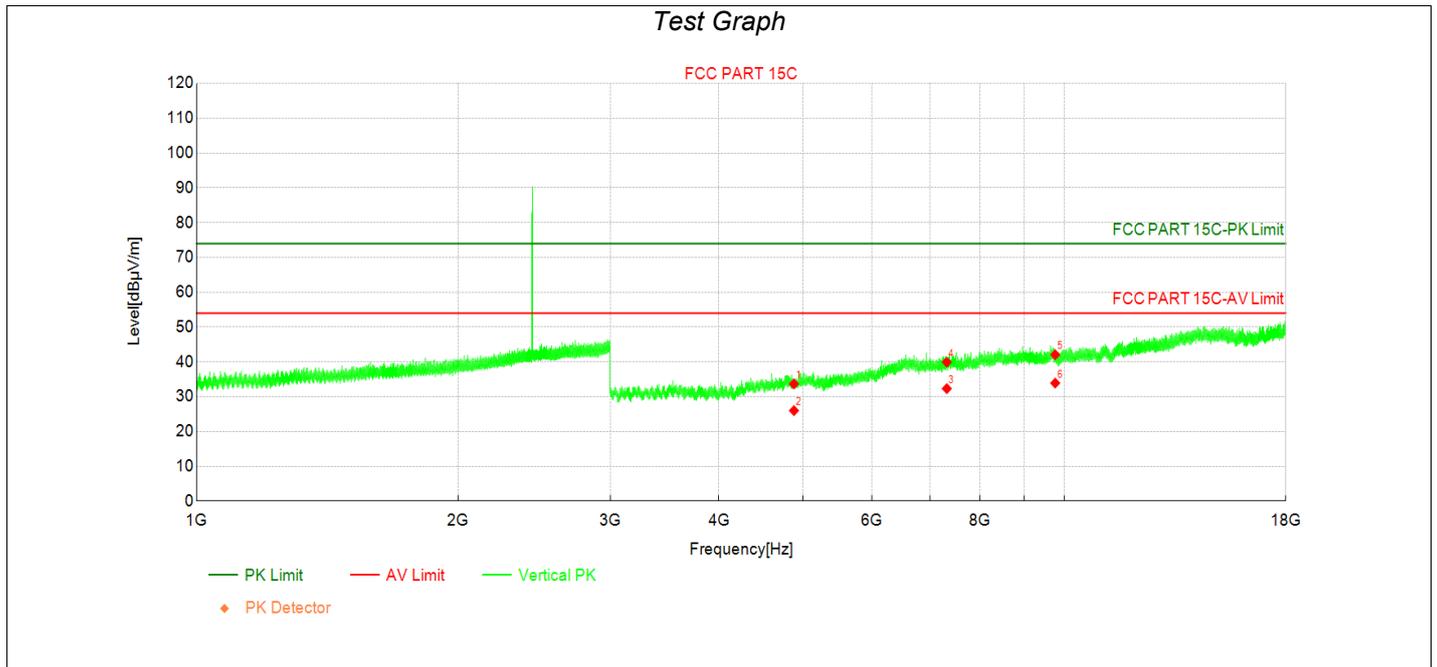
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4804.00	38.55	33.86	-4.69	74.00	40.14	PK	Vertic	PASS
2	4804.00	32.74	28.05	-4.69	54.00	25.95	AV	Vertic	PASS
3	7206.00	38.32	41.67	3.35	74.00	32.33	PK	Vertic	PASS
4	7206.00	28.77	32.12	3.35	54.00	21.88	AV	Vertic	PASS
5	9608.00	34.40	41.22	6.82	74.00	32.78	PK	Vertic	PASS
6	9608.00	26.44	33.26	6.82	54.00	20.74	AV	Vertic	PASS

Transmit at 2440MHz by LE_2Mbps



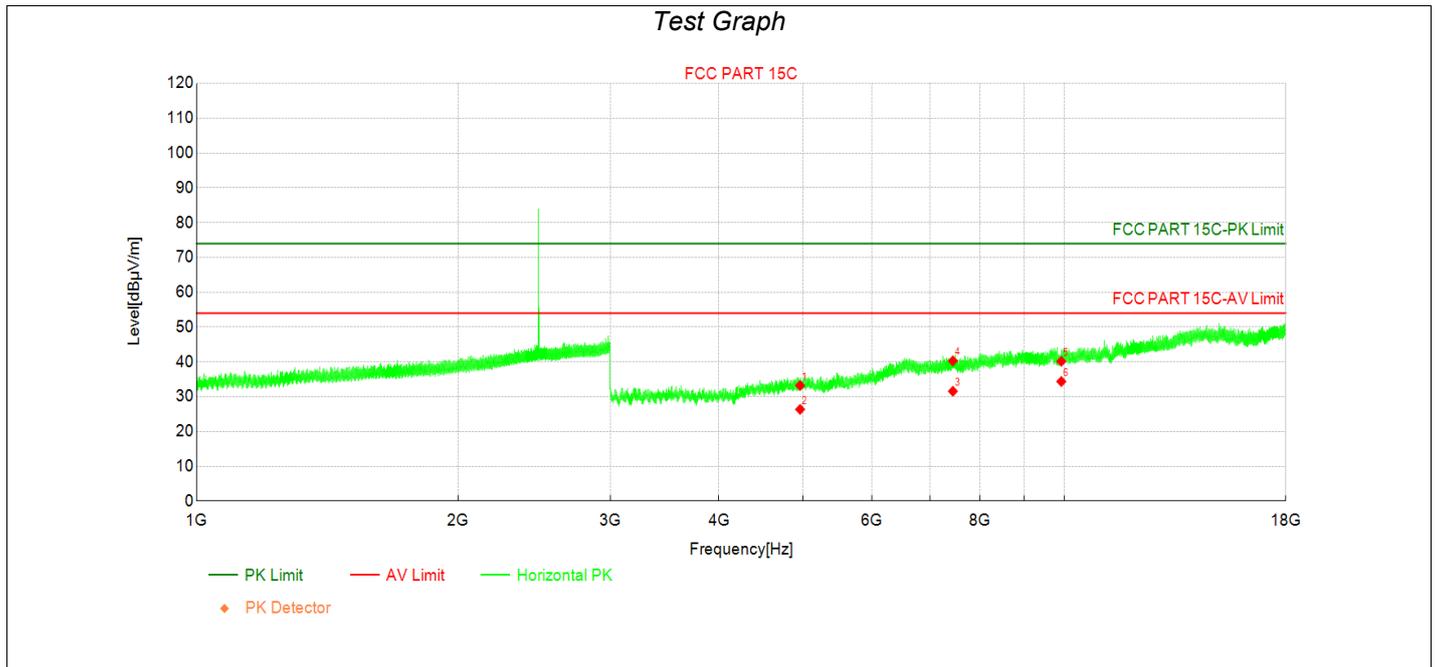
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	37.71	32.91	-4.80	74.00	41.09	PK	Horizo	PASS
2	4880.00	30.41	25.61	-4.80	54.00	28.39	AV	Horizo	PASS
3	7320.00	35.37	38.74	3.37	74.00	35.26	PK	Horizo	PASS
4	7320.00	29.41	32.78	3.37	54.00	21.22	AV	Horizo	PASS
5	9760.00	33.28	40.60	7.32	74.00	33.40	PK	Horizo	PASS
6	9760.00	26.65	33.97	7.32	54.00	20.03	AV	Horizo	PASS

Transmit at 2440MHz by LE_2Mbps



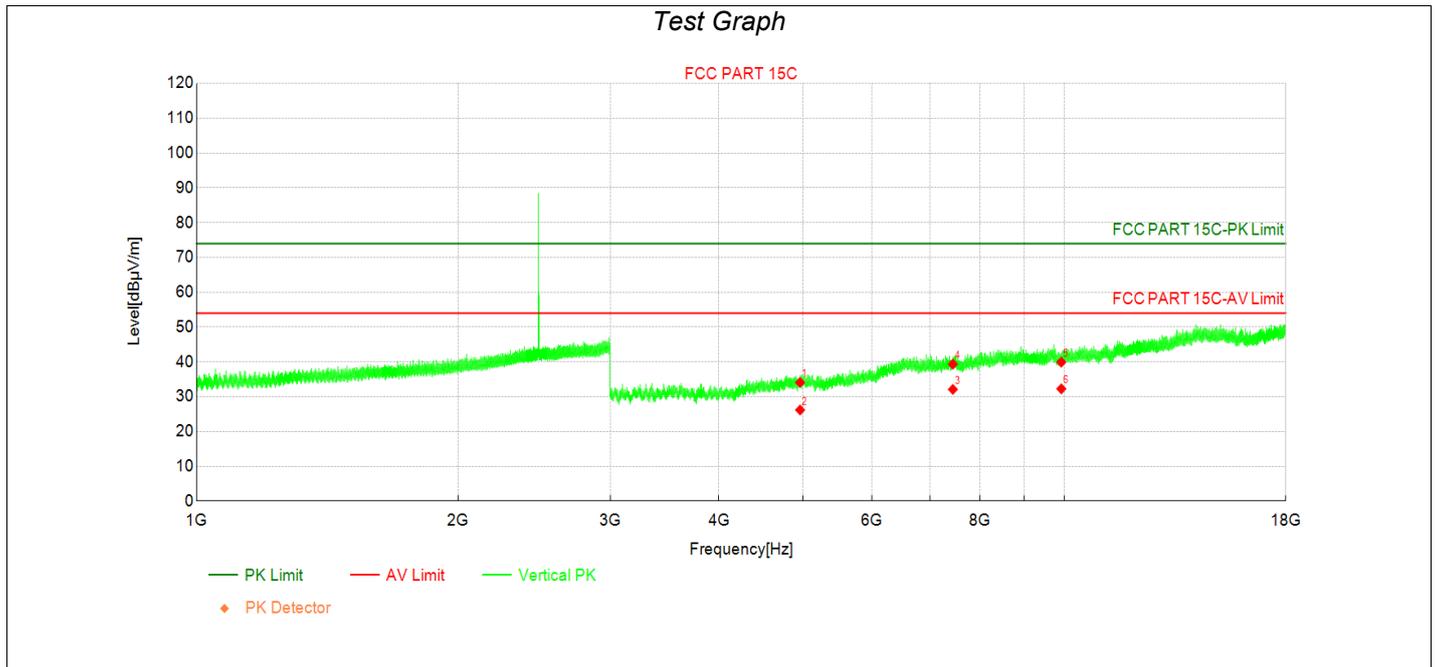
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4880.00	38.47	33.67	-4.80	74.00	40.33	PK	Vertic	PASS
2	4880.00	30.79	25.99	-4.80	54.00	28.01	AV	Vertic	PASS
3	7320.00	28.94	32.31	3.37	54.00	21.69	AV	Vertic	PASS
4	7320.00	36.54	39.91	3.37	74.00	34.09	PK	Vertic	PASS
5	9760.00	34.73	42.05	7.32	74.00	31.95	PK	Vertic	PASS
6	9760.00	26.59	33.91	7.32	54.00	20.09	AV	Vertic	PASS

Transmit at 2480MHz 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	4960.00	37.91	33.21	-4.70	74.00	40.79	PK	Horizo	PASS
2	4960.00	31.05	26.35	-4.70	54.00	27.65	AV	Horizo	PASS
3	7440.00	27.86	31.55	3.69	54.00	22.45	AV	Horizo	PASS
4	7440.00	36.59	40.28	3.69	74.00	33.72	PK	Horizo	PASS
5	9920.00	33.18	40.16	6.98	74.00	33.84	PK	Horizo	PASS
6	9920.00	27.37	34.35	6.98	54.00	19.65	AV	Horizo	PASS

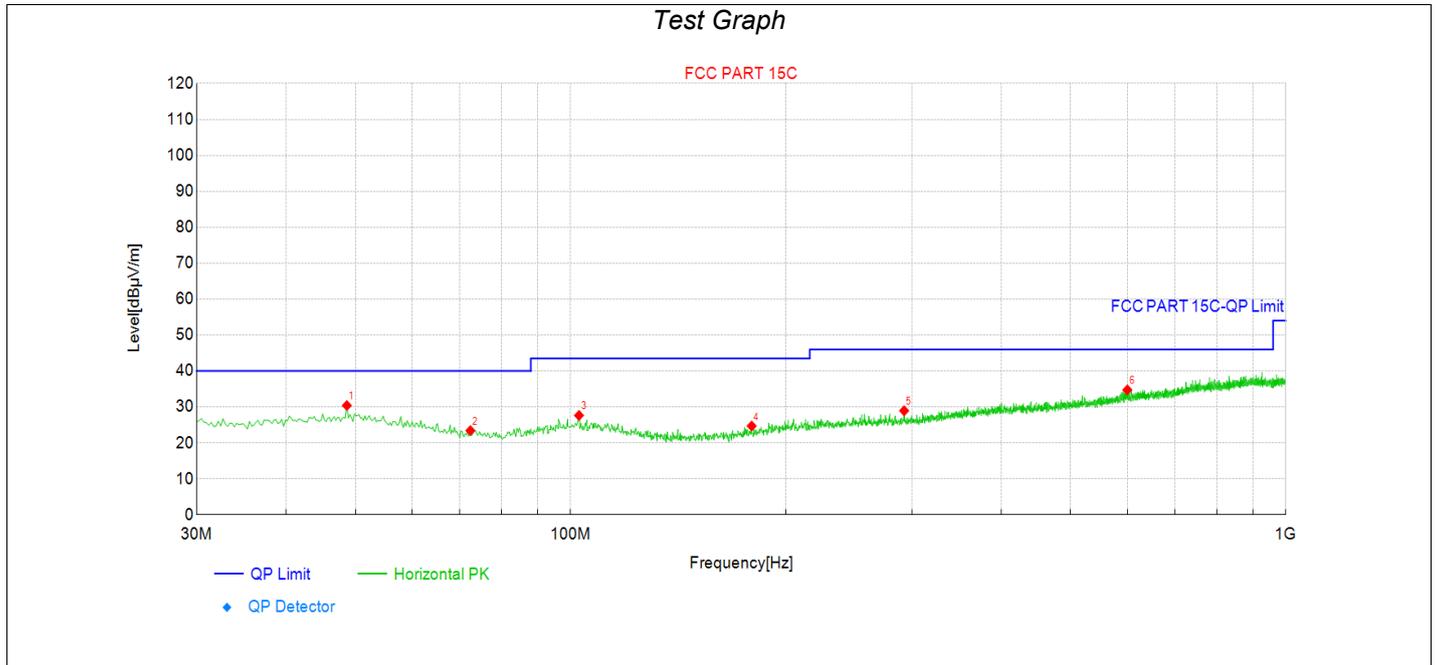
Transmit at 2480MHz by LE_2Mbps



Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	4960.00	38.78	34.08	-4.70	74.00	39.92	PK	Vertic	PASS
2	4960.00	30.87	26.17	-4.70	54.00	27.83	AV	Vertic	PASS
3	7440.00	28.40	32.09	3.69	54.00	21.91	AV	Vertic	PASS
4	7440.00	35.64	39.33	3.69	74.00	34.67	PK	Vertic	PASS
5	9920.00	32.94	39.92	6.98	74.00	34.08	PK	Vertic	PASS
6	9920.00	25.27	32.25	6.98	54.00	21.75	AV	Vertic	PASS

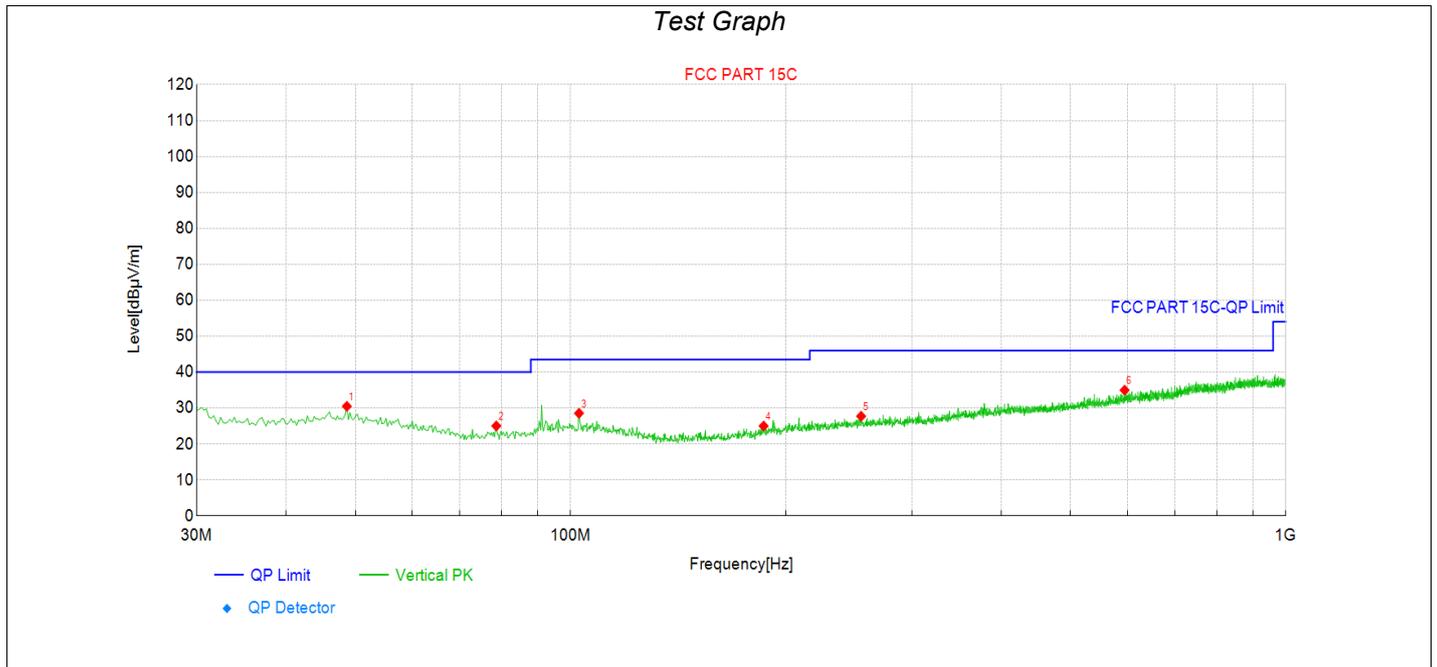
The worst data of Emissions in Restricted Bands below 1GHz:

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	48.67	15.7	30.42	14.730	40.00	9.58	QP	Horizo	PASS
2	72.44	13.3	23.45	10.140	40.00	16.55	QP	Horizo	PASS
3	102.75	15.1	27.65	12.530	43.50	15.85	QP	Horizo	PASS
4	179.14	14.2	24.70	10.480	43.50	18.80	QP	Horizo	PASS
5	292.63	15.0	28.96	13.940	46.00	17.04	QP	Horizo	PASS
6	600.36	14.8	34.76	19.960	46.00	11.24	QP	Horizo	PASS

Transmit at 2402MHz by LE_1Mbps



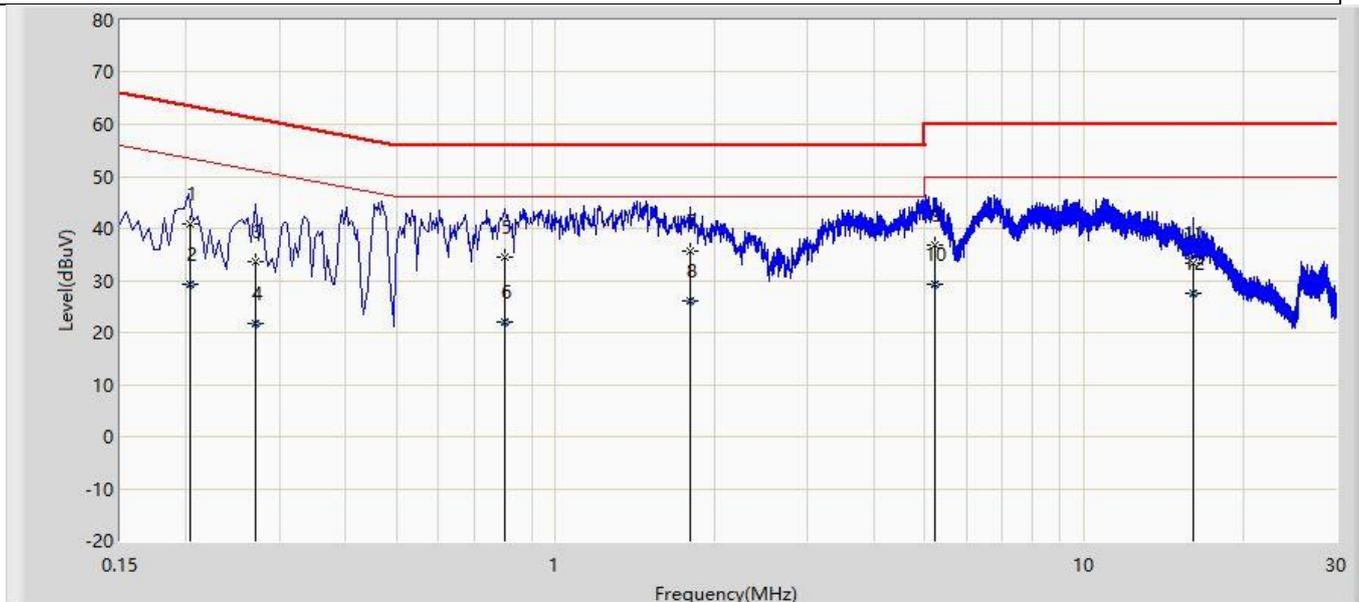
Data List									
NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	48.67	15.8	30.51	14.730	40.00	9.49	QP	Vertic	PASS
2	78.74	15.2	25.04	9.870	40.00	14.96	QP	Vertic	PASS
3	102.75	16.0	28.57	12.530	43.50	14.93	QP	Vertic	PASS
4	186.17	14.0	25.02	10.980	43.50	18.48	QP	Vertic	PASS
5	254.80	14.3	27.74	13.400	46.00	18.26	QP	Vertic	PASS
6	595.03	15.3	35.00	19.720	46.00	11.00	QP	Vertic	PASS

Note:

1. Level = Reading + Factor.
2. Margin = Limit – Level
3. Only choose worst mode data shown in this report.

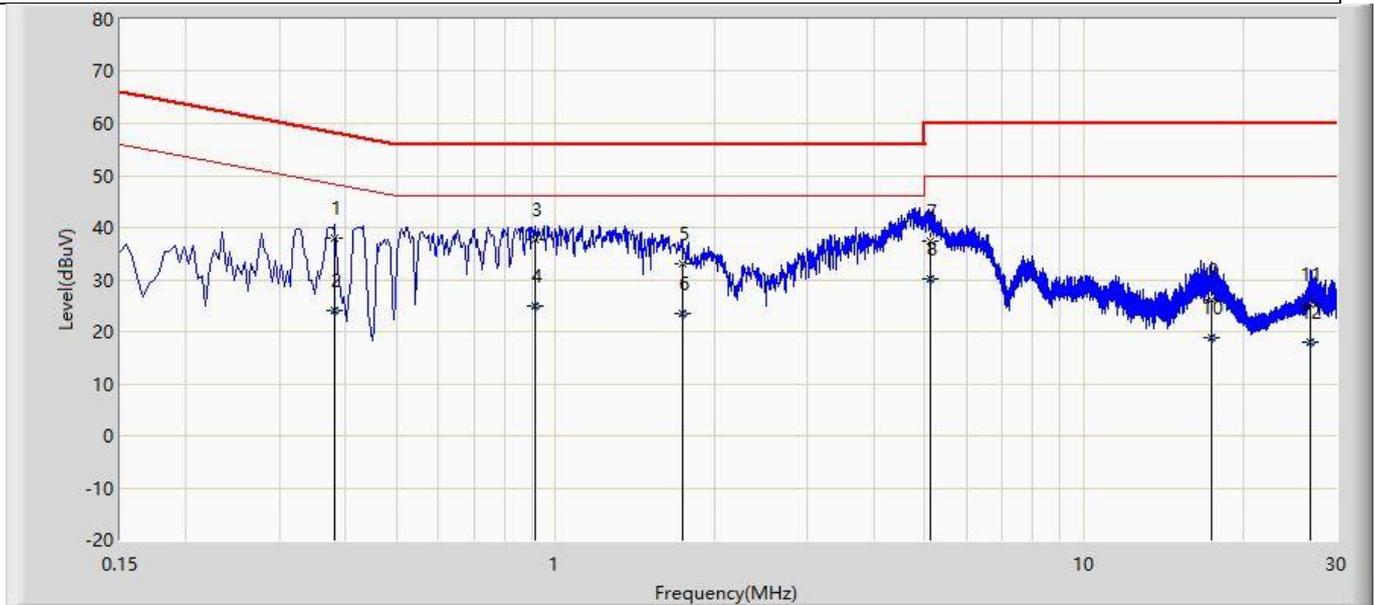
Appendix I: AC-Line Conducted Emission

Profile: 2560639R	Page No.: 2
Engineer: Yu Liu	
Site: TR1	Time: 2025/07/28 - 15:28
Limit: FCC_Part 15.207_CE_AC Power	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Tablet computer	Power: AC 120V/60Hz
Note: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.204	40.900	31.243	-22.552	63.452	9.657	QP
2		0.204	29.287	19.630	-24.165	53.452	9.657	AV
3		0.270	33.747	24.082	-27.371	61.118	9.666	QP
4		0.270	21.751	12.086	-29.367	51.118	9.666	AV
5		0.802	34.408	24.734	-21.592	56.000	9.673	QP
6		0.802	21.897	12.224	-24.103	46.000	9.673	AV
7		1.802	35.659	25.908	-20.341	56.000	9.752	QP
8	*	1.802	26.064	16.313	-19.936	46.000	9.752	AV
9		5.238	36.772	26.956	-23.228	60.000	9.816	QP
10		5.238	29.267	19.450	-20.733	50.000	9.816	AV
11		16.066	33.403	23.183	-26.597	60.000	10.220	QP
12		16.066	27.495	17.275	-22.505	50.000	10.220	AV

Profile: 2560639R	Page No.: 7
Engineer: Yu Liu	
Site: TR1	Time: 2025/07/28 - 15:41
Limit: FCC_Part 15.207_CE_AC Power	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Tablet computer	Power: AC 120V/60Hz
Note: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.382	38.052	28.439	-20.184	58.236	9.612	QP
2		0.382	24.041	14.429	-24.194	48.236	9.612	AV
3	*	0.914	37.647	27.975	-18.353	56.000	9.671	QP
4		0.914	25.033	15.361	-20.967	46.000	9.671	AV
5		1.734	33.155	23.465	-22.845	56.000	9.690	QP
6		1.734	23.480	13.789	-22.520	46.000	9.690	AV
7		5.130	37.432	27.626	-22.568	60.000	9.807	QP
8		5.130	30.047	20.240	-19.953	50.000	9.807	AV
9		17.406	26.229	15.935	-33.771	60.000	10.294	QP
10		17.406	18.711	8.417	-31.289	50.000	10.294	AV
11		26.894	25.218	14.384	-34.782	60.000	10.833	QP
12		26.894	18.040	7.207	-31.960	50.000	10.833	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End