



REPORT No.: SZ24080214W01

TEST REPORT

APPLICANT : Allied Universal Electronic
Monitoring US, Inc.

PRODUCT NAME : Smartwatch

MODEL NAME : NC3-6605AVL

BRAND NAME : aWatch

FCC ID : NC3-6605AVL

STANDARD(S) : 47 CFR Part 15 Subpart C

RECEIPT DATE : 2024-11-07

TEST DATE : 2024-11-14 to 2025-06-17

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REPORT No.: SZ24080214W01

Change History		
Version	Date	Reason for change
1.0	2025-07-15	First edition



1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	/
2	N/A	Duty Cycle of Test Signal	Nov. 18, 2025	Li Xinpeng	PASS	/
3	15.247(b)	Maximum Peak Conducted Output Power	Nov. 18, 2025	Li Xinpeng	PASS	/
4	15.247(b)	Maximum Average Conducted Output Power	Nov. 18, 2025	Li Xinpeng	PASS	/
5	15.247(a)	Bandwidth	Nov. 18, 2025	Li Xinpeng	PASS	/
6	15.247(d)	Conducted Spurious Emission and Band Edge	Nov. 18, 2025	Li Xinpeng	PASS	/
7	15.247(e)	Power Spectral Density	Nov. 18, 2025	Li Xinpeng	PASS	/
8	15.207	Conducted Emission	Jun. 17, 2025	Fan Shengquan	PASS	/
9	15.247(d)	Restricted Frequency Bands	Jun. 17, 2025	Gao Jianrou	PASS	/
10	15.209, 15.247(d)	Radiated Emission	Jun. 14&17, 2025	Gao Jianrou	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in ANSI C63.10-2013 and KDB 558074 D01 v05r02.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the “Remark”.

1.1. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart C Radio Frequency Devices



1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2024.02.19	2025.02.18
				2025.01.15	2026.01.14
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A

1.2.2 Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2024.01.25	2025.01.24
				2025.01.06	2026.01.05
LISN	8127449	NSLK 8127	Schwarzbeck	2024.03.19	2025.03.20
				2025.03.20	2026.03.19
RF Coaxial Cable (DC-100MHz)	BNC	MRE04	Qualwave	2024.07.02	2025.07.01

1.2.3 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
JS32-RE	Tonscend	5.0.0
TS+ -[JS32-CE]	Tonscend	2.5.0.0

**1.2.4 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2024.06.03	2025.06.02
				2025.05.16	2026.05.15
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2024.06.22	2025.06.21
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	LUCIX CORP.	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
				2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.07.03	2025.07.02
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29



1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Peak Output Power	$\pm 2.22\text{dB}$	Confidence levels of 95%
Power Spectral Density	$\pm 2.22\text{dB}$	Confidence levels of 95%
Bandwidth	$\pm 5\%$	Confidence levels of 95%
Conducted Spurious Emission	$\pm 2.77\text{dB}$	Confidence levels of 95%
Restricted Frequency Bands	$\pm 5\%$	Confidence levels of 95%
Radiated Emission	$\pm 2.95\text{dB}$	Confidence levels of 95%
Conducted Emission	$\pm 2.44\text{dB}$	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
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FCC Designation Number:	CN1192
FCC Test Firm Registration Number:	226174



2. General Description

2.1. Information of Applicant and Manufacturer

Applicant:	Allied Universal Electronic Monitoring US, Inc.
Applicant Address:	1838 Gunn Highway, Odessa, Florida, United States, 33556
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware, 19901, USA

2.2. Information of EUT

Product Name:	Smartwatch	
Sample No.:	2#, 6#, 7#	
Hardware Version:	Wear_TickTock-MB V02	
Software Version:	V2_004_20250613	
Equipment Type:	Bluetooth LE	
Bluetooth Version:	5.3	
Modulation Type:	GFSK	
Data Rate:	1Mbps, 2Mbps	
Operating Frequency Range:	2402MHz-2480MHz	
Antenna Type:	LDS Antenna	
Antenna Gain:	-2.45dBi	
Accessory Information:	Battery	
	Brand Name:	NA
	Model No.:	BPV2
	Serial No.:	N/A
	Capacity:	920mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter	
	Brand Name:	RHINO
	Model No.:	TPA-10S120150UU01
	Serial No.:	N/A
	Rated Output:	3.6-6.0V $\Rightarrow$ 3.0A, 6.0-9.0V $\Rightarrow$ 2.0A, 9.0-12.0V $\Rightarrow$ 1.5A



	Rated Input:	100-240V~50/60Hz, 0.6A
	Manufacturer:	Shenzhen Tianyin Electronics Co., Ltd.
	USB Cable	
	Model No.:	USB A/M TO POGO PIN*4 OD 3.2 Black L=2M
	Manufacturer:	JIANGXI JIEYE Electronics Co., Ltd.

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3.Channel List of EUT

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

Note 1: The black bold channels were selected for test.

2.4. Test Configuration of EUT

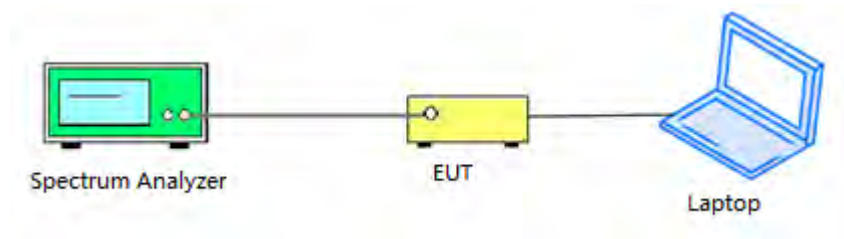
The EUT is controlled by dedicated software to transmit at the default maximum power level.

2.5. Test Conditions

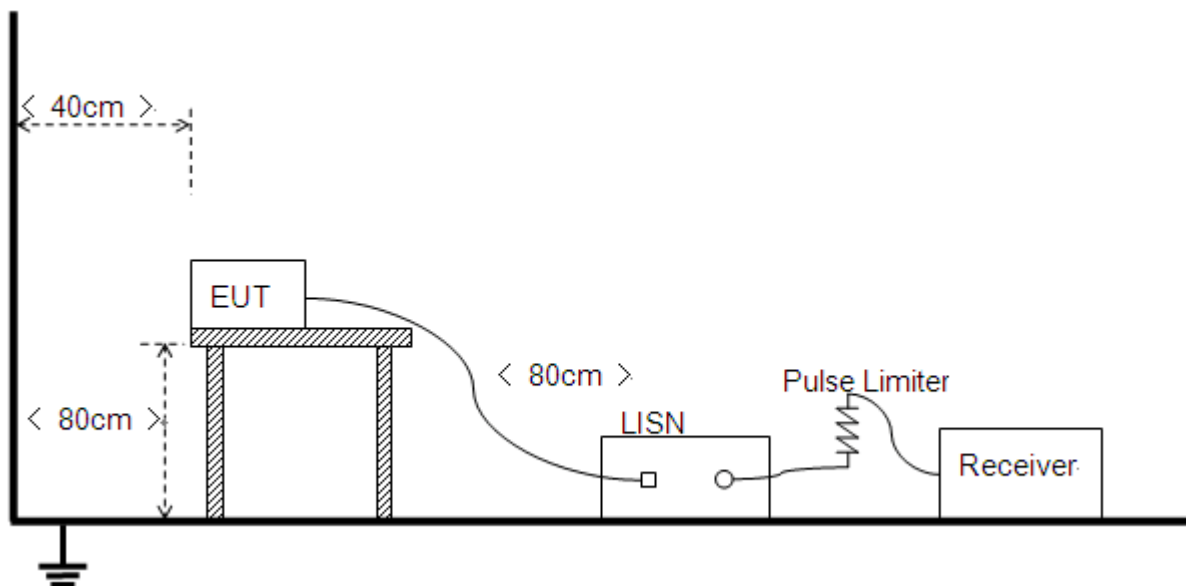
Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement

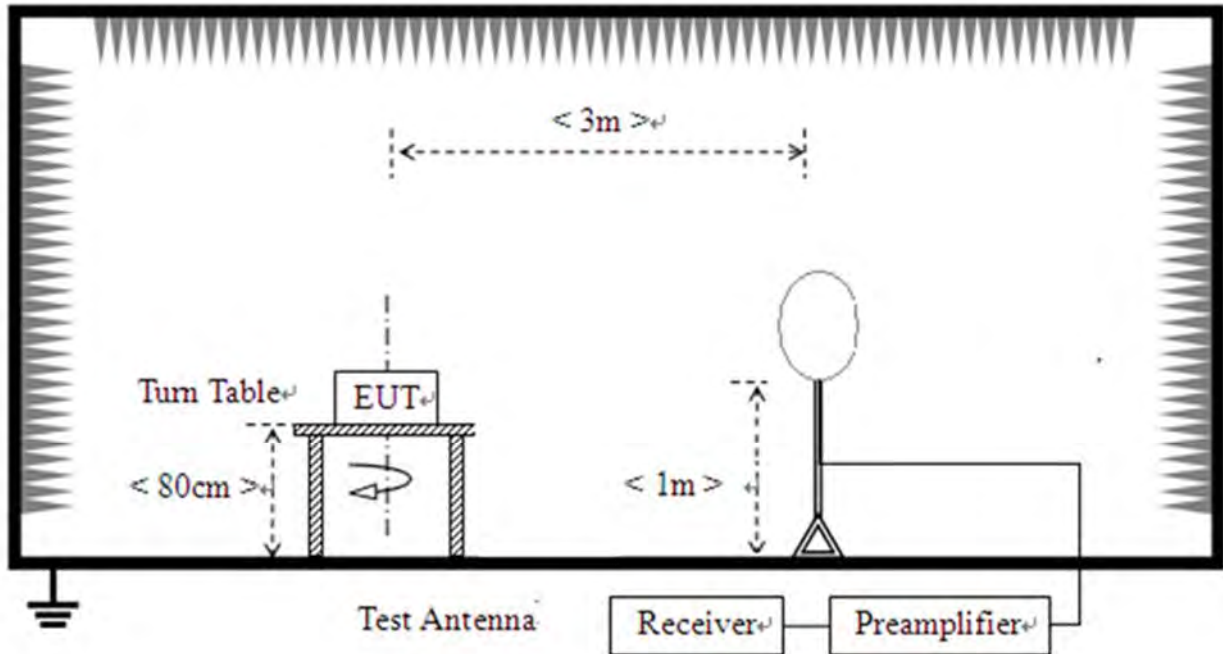


2.6.2. Conducted Emission Measurement

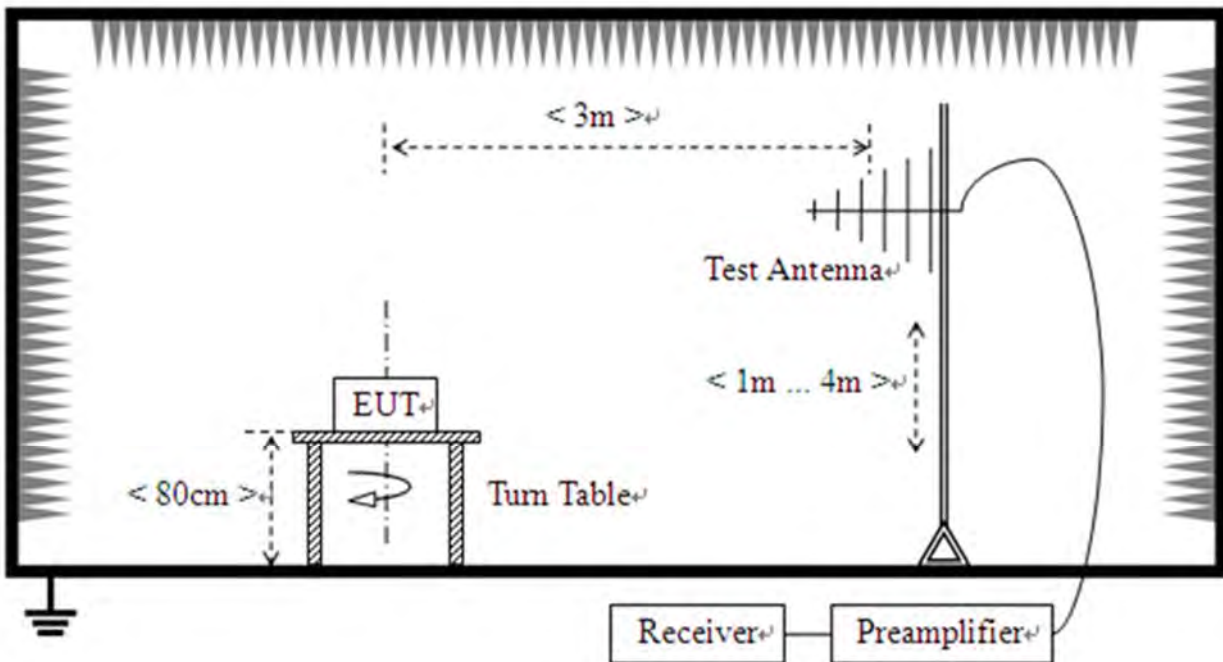


2.6.3.Radiation Measurement

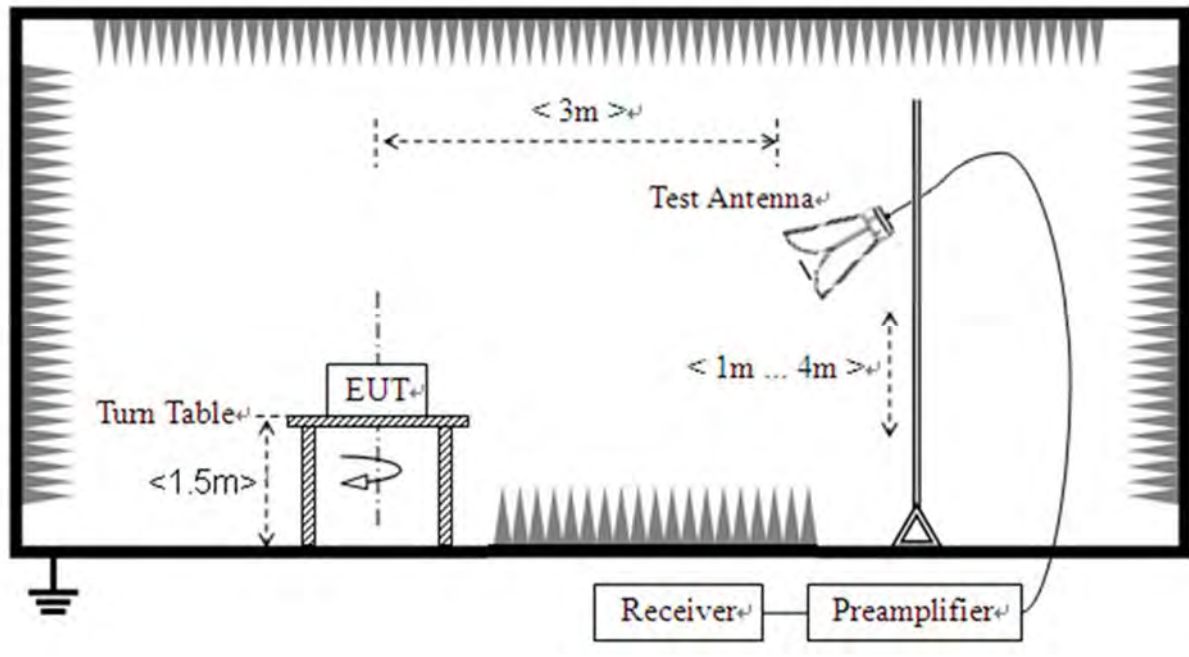
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz





3. Test Results

3.1. Antenna Requirement

3.1.1. Requirement

According to FCC 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.

3.1.2. Test Result

Antenna location	Antenna Type	Coupling Method
☒ Internal ☐ External	☐ FPC Antenna ☐ Spring Antenna ☐ Ceramic Antenna ☐ Integrated Antenna ☐ Dipole Antenna ☐ PCB Antenna ☐ PIFA Antenna ☒ LDS Antenna	☐ I-PEX Connector ☐ SMA Connector ☐ RP-SMA Connector ☒ Metal Shrapnel ☐ Layout

3.2. Duty Cycle of Test Signal

3.2.1. Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%). When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration(T) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed T at any time that data are being acquired (i.e.,no transmitter OFF-time is to be considered).

When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle (D). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than $\pm 2\%$; otherwise, the duty cycle is considered to be non constant.

3.2.2. Test Result

Refer to Annex A.1 in this report.



3.3. Maximum Peak Conducted Output Power

3.3.1. Requirement

According to FCC section 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: The maximum peak conducted output power of the intentional radiator shall not exceed 1 Watt.

3.3.2. Test Procedures

KDB 558074 Section 8.3.1 was used in order to prove compliance.

3.3.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.3.4. Test Result

Refer to Annex A.2 in this report.



3.4. Maximum Average Conducted Output Power

3.4.1. Requirement

According to FCC section 15.247(b)(3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: The maximum average conducted output power of the intentional radiator shall not exceed 1 Watt.

3.4.2. Test Procedures

KDB 558074 Section 8.3.2 was used in order to prove compliance.

3.4.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.4. Test Result

Refer to Annex A.3 in this report.



3.5.6 dB Bandwidth

3.5.1.Requirement

According to FCC section 15.247(a) (2), systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz bands. The minimum 6dB bandwidth shall be at least 500 kHz.

3.5.1.Test Procedures

The steps for the first option are as follows:

- a) Set analyzer center frequency to channel center frequency
- b) Set RBW to 100kHz
- c) Set VBW to 300kHz
- d) Detector = peak.
- e) Trace mode = max hold
- f) Sweep time = auto couple
- g) Allow the trace to fully stabilize
- h) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., $RBW = 100\text{ kHz}$, $VBW \geq 3 \times RBW$, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be $\geq 6\text{ dB}$.

3.5.2.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.5.3.Test Result

Refer to Annex A.4 in this report.



3.6. Conducted Spurious Emissions and Band Edge

3.6.1. Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

3.6.2. Test Procedures

KDB 558074 Section 8.5 and 8.7 was used in order to prove compliance.

3.6.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.6.4. Test Result

Refer to Annex A.5 and A.6 in this report.



3.7. Power Spectral Density

3.7.1. Requirement

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

3.7.2. Test Procedures

The measured power spectral density was calculated by the reading of the spectrum analyzer and calibration. Following is the test procedure for PSD test:

- a) Set analyzer center frequency to channel center frequency
- b) Set span to 1.5 times DTS
- c) Set RBW to 3kHz
- d) Set VBW to 10kHz
- e) Detector = peak
- f) Sweep time = auto couple
- g) Trace mode = max hold
- h) Allow trace to fully stabilize
- i) Use the peak marker function to determine the maximum amplitude level within the RBW

3.7.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.7.4. Test Result

Refer to Annex A.7 in this report.

3.8. Conducted Emission

3.8.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

- (a) The lower limit shall apply at the band edges.
- (b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

3.8.2. Test Procedures

The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10: 2013.

3.8.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.8.4. Test Result

Refer to Annex A.8 in this report.



3.9.Restricted Frequency Bands

3.9.1.Requirement

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in 15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

3.9.2.Test Procedures

The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

For the Test Antenna:

Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1\text{GHz}$, 100 kHz for $f < 1\text{GHz}$

VBW = 3 MHz

Sweep = auto

Detector function = peak/average

Trace = max hold

Allow the trace to stabilize

3.9.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.9.4.Test Result

Refer to Annex A.9 in this report.



3.10. Radiated Emission

3.10.1.Requirement

According to FCC section 15.247(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note1: For above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.

Note2:For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).



3.10.2.Test Procedures

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

3.10.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.10.4.Test Result

Refer to Annex A.10 in this report.



Annex A Test Data and Result

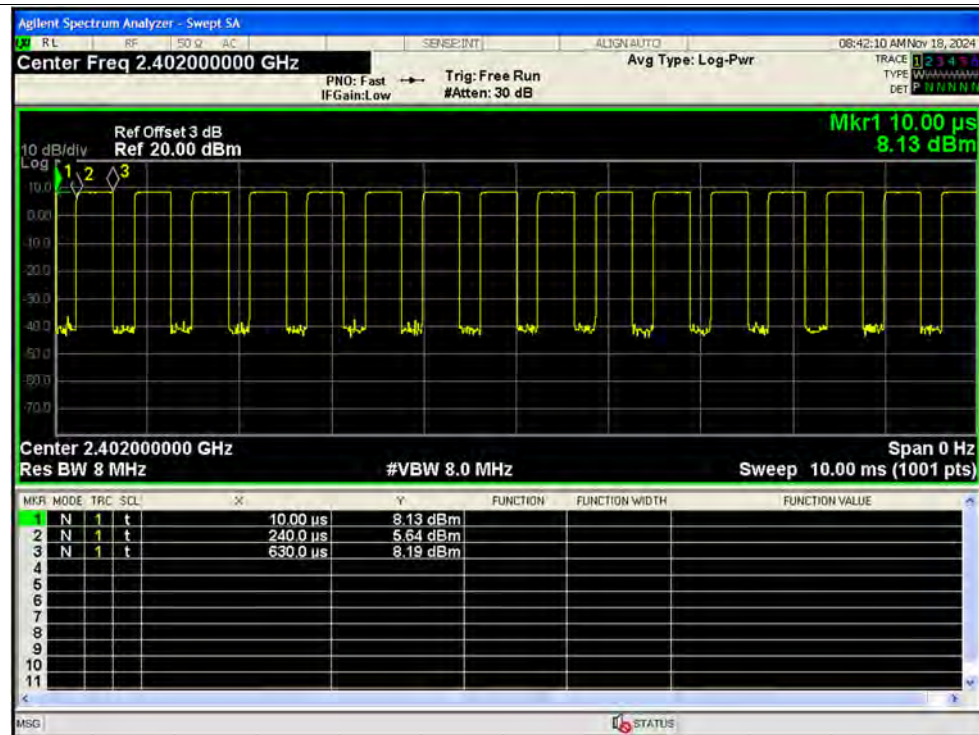
A.1. Duty Cycle of Test Signal

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.9	2.01	2.56
NVNT	BLE 1M	2440	Ant1	61.9	2.08	2.56
NVNT	BLE 1M	2480	Ant1	62.9	2.01	2.56
NVNT	BLE 2M	2402	Ant1	33.87	4.7	4.76
NVNT	BLE 2M	2440	Ant1	33.33	4.77	4.76
NVNT	BLE 2M	2480	Ant1	33.33	4.77	4.76

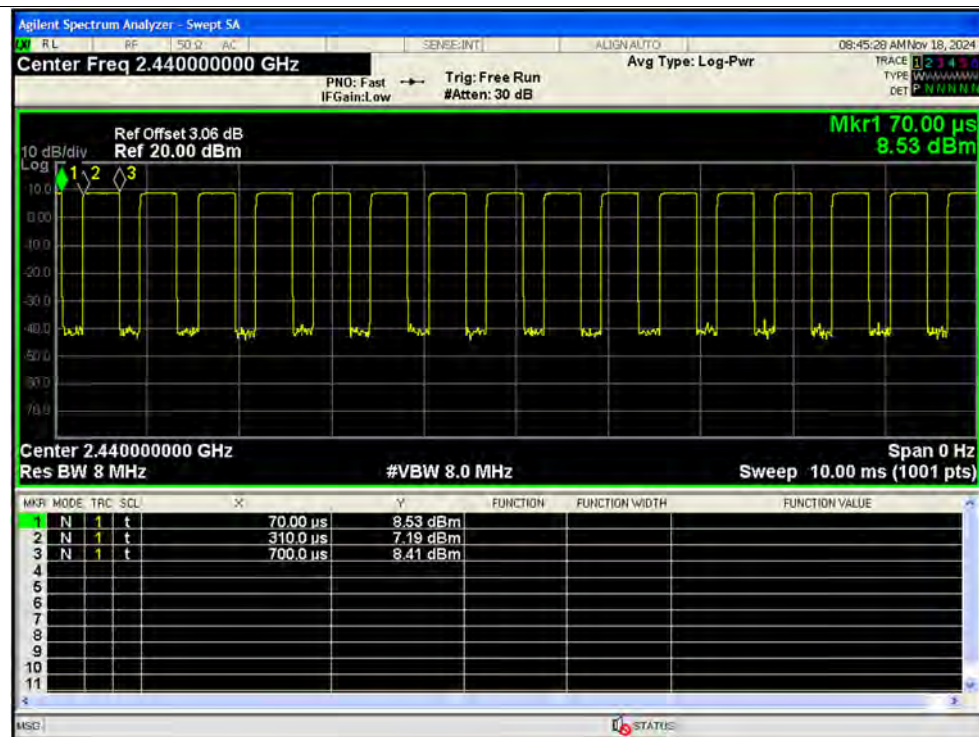


Test Graphs

Duty Cycle NVNT BLE 1M 2402MHz Ant1

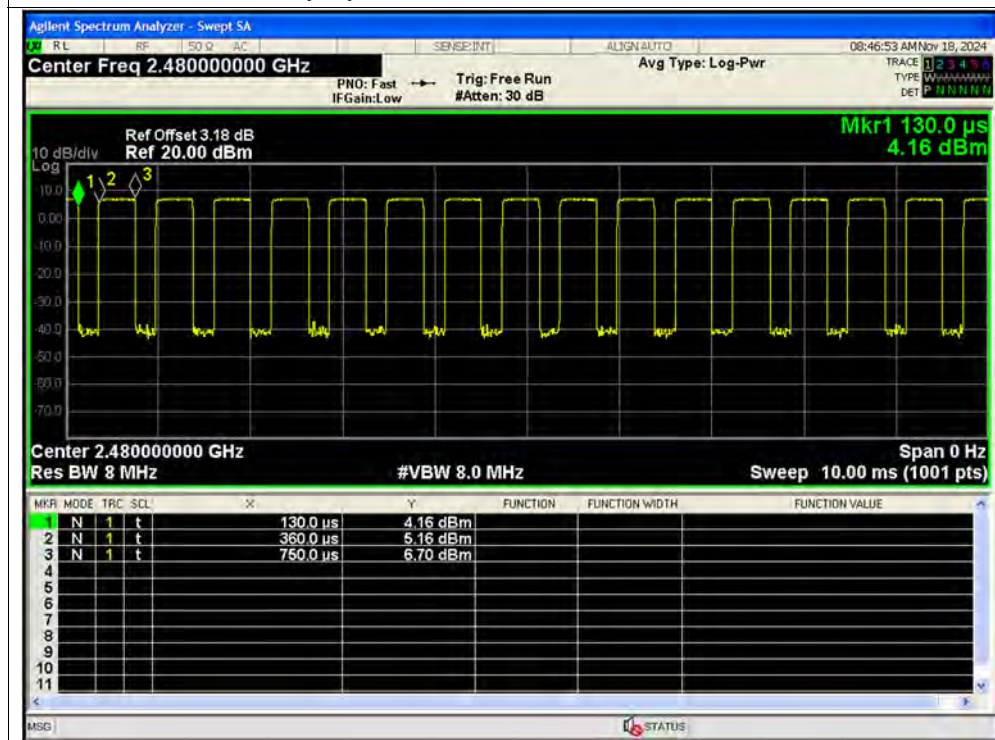


Duty Cycle NVNT BLE 1M 2440MHz Ant1

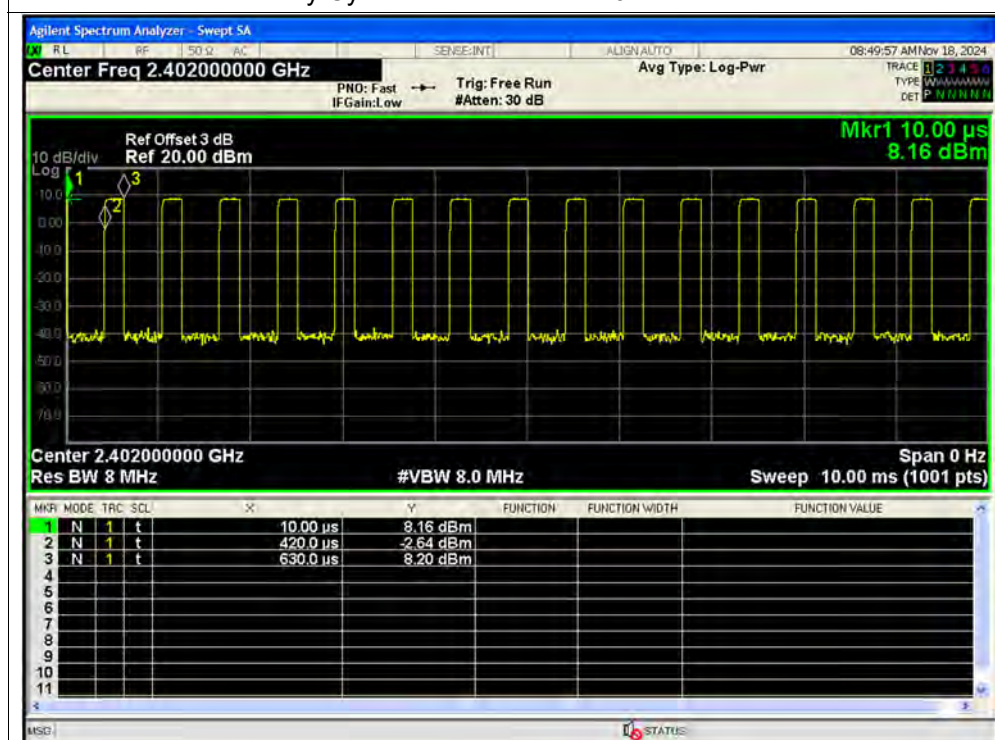




Duty Cycle NVNT BLE 1M 2480MHz Ant1

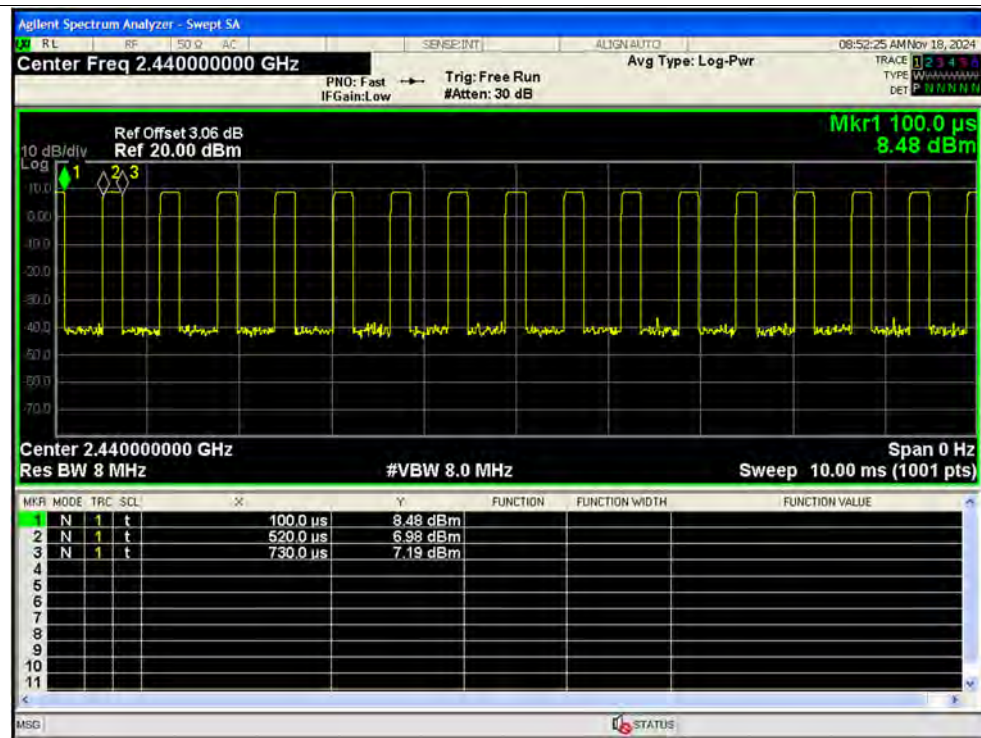


Duty Cycle NVNT BLE 2M 2402MHz Ant1

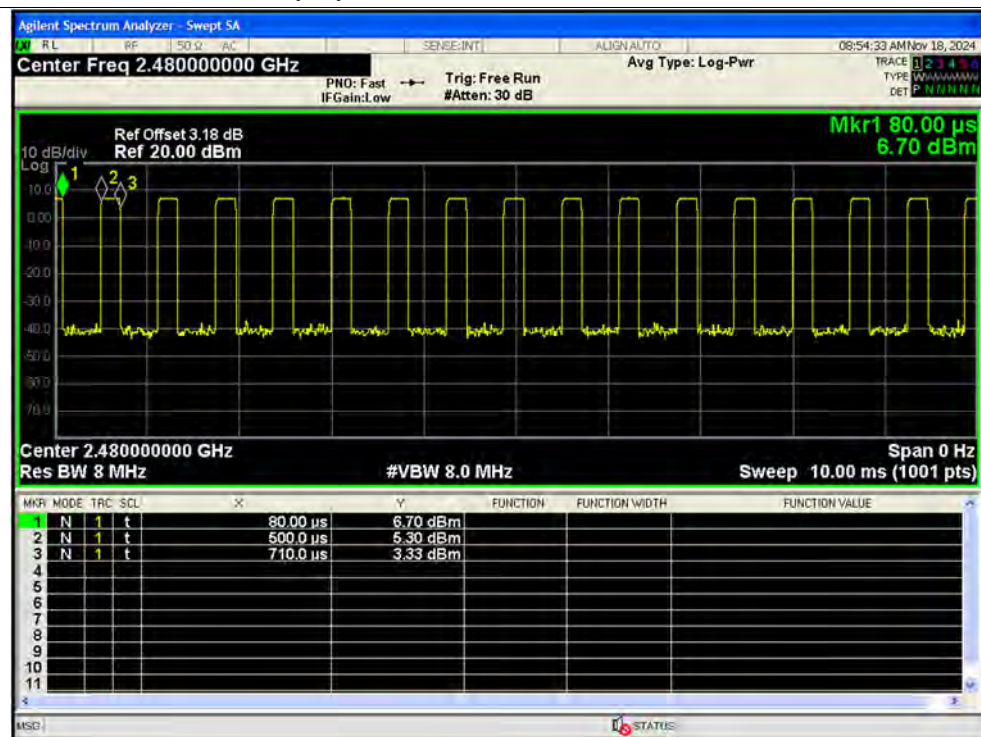




Duty Cycle NVNT BLE 2M 2440MHz Ant1



Duty Cycle NVNT BLE 2M 2480MHz Ant1

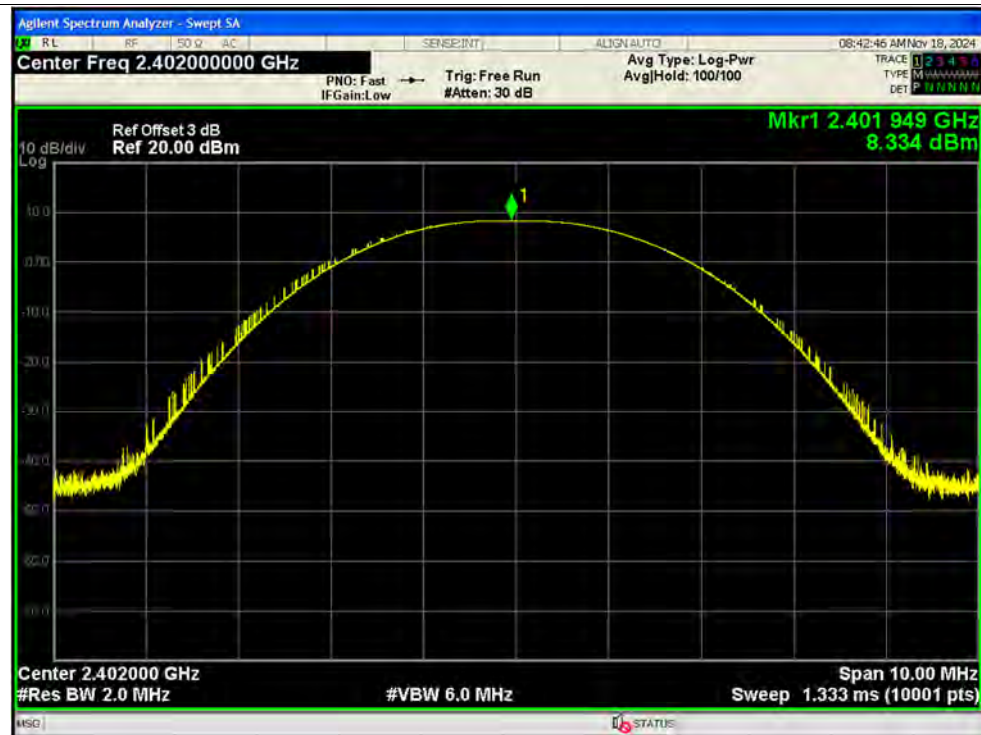


**A.2. Maximum Peak Conducted Output Power**

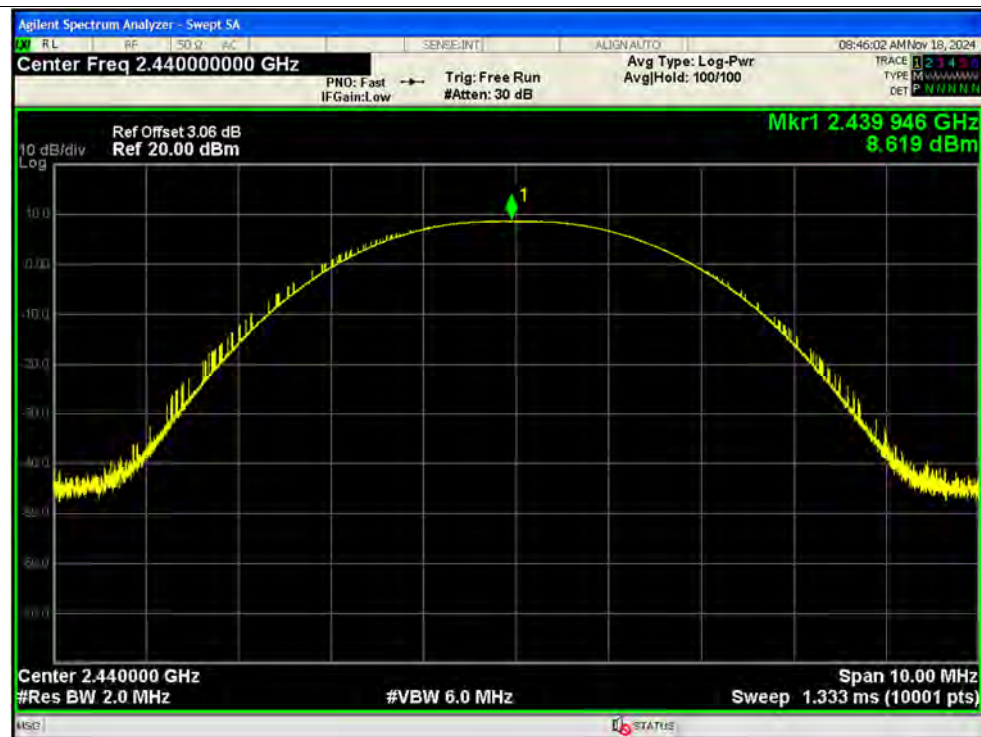
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	8.33	0	8.33	0.00681	30	Pass
NVNT	BLE 1M	2440	Ant1	8.62	0	8.62	0.00728	30	Pass
NVNT	BLE 1M	2480	Ant1	6.92	0	6.92	0.00492	30	Pass
NVNT	BLE 2M	2402	Ant1	8.3	0	8.3	0.00676	30	Pass
NVNT	BLE 2M	2440	Ant1	8.6	0	8.6	0.00724	30	Pass
NVNT	BLE 2M	2480	Ant1	6.91	0	6.91	0.00491	30	Pass

Test Graphs

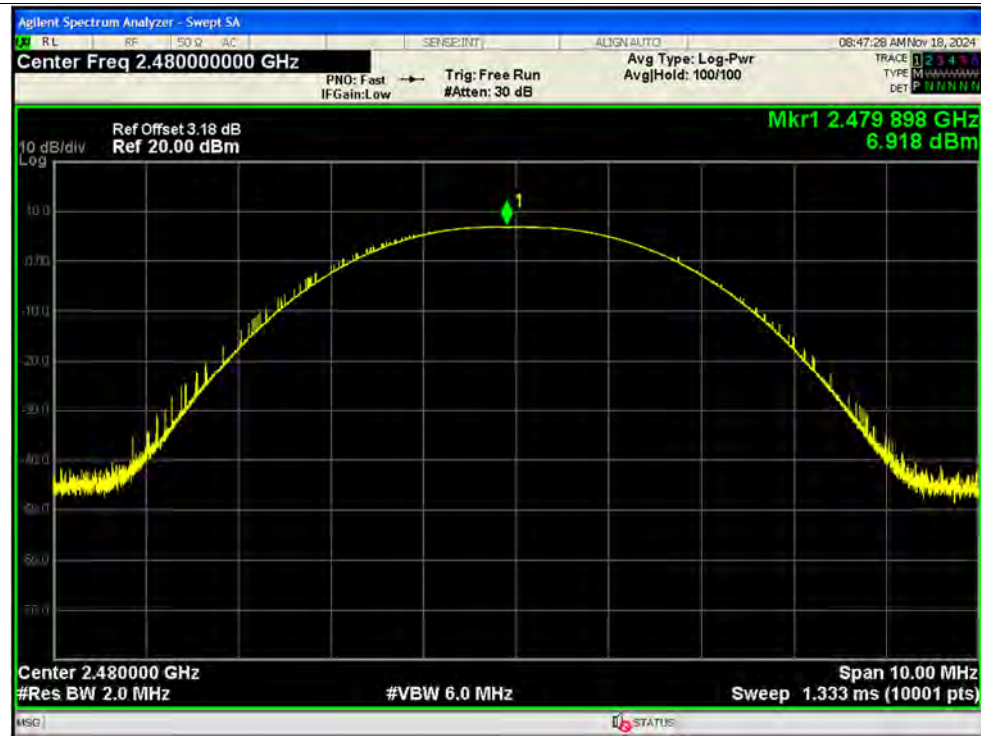
Peak Power NVNT BLE 1M 2402MHz Ant1



Peak Power NVNT BLE 1M 2440MHz Ant1



Peak Power NVNT BLE 1M 2480MHz Ant1



Peak Power NVNT BLE 2M 2402MHz Ant1



Peak Power NVNT BLE 2M 2440MHz Ant1



Peak Power NVNT BLE 2M 2480MHz Ant1



**A.3. Maximum Average Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	5.89	2.01	7.9	0.00617	30	Pass
NVNT	BLE 1M	2440	Ant1	6.19	2.08	8.27	0.00671	30	Pass
NVNT	BLE 1M	2480	Ant1	4.51	2.01	6.52	0.00449	30	Pass
NVNT	BLE 2M	2402	Ant1	2.98	4.7	7.68	0.00586	30	Pass
NVNT	BLE 2M	2440	Ant1	3.45	4.77	8.22	0.00664	30	Pass
NVNT	BLE 2M	2480	Ant1	1.71	4.77	6.48	0.00445	30	Pass

Test Graphs

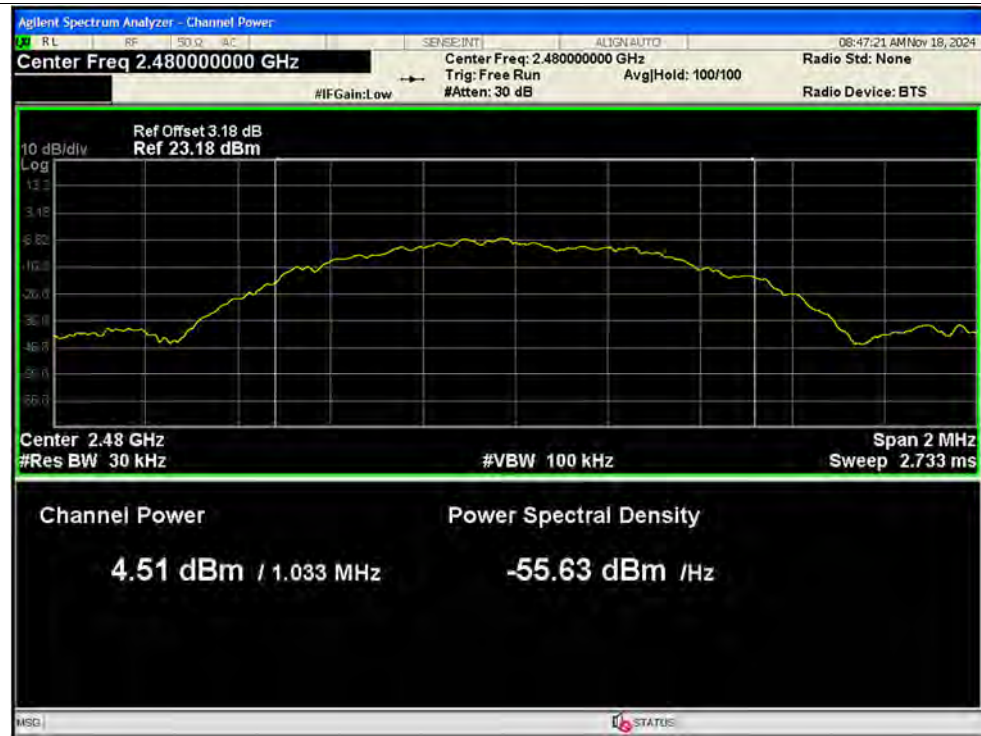
Average Power NVNT BLE 1M 2402MHz Ant1



Average Power NVNT BLE 1M 2440MHz Ant1



Average Power NVNT BLE 1M 2480MHz Ant1



Average Power NVNT BLE 2M 2402MHz Ant1





Average Power NVNT BLE 2M 2440MHz Ant1



Average Power NVNT BLE 2M 2480MHz Ant1



**A.4. 6 dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.71	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.683	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.704	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.257	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.257	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.25	0.5	Pass



Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



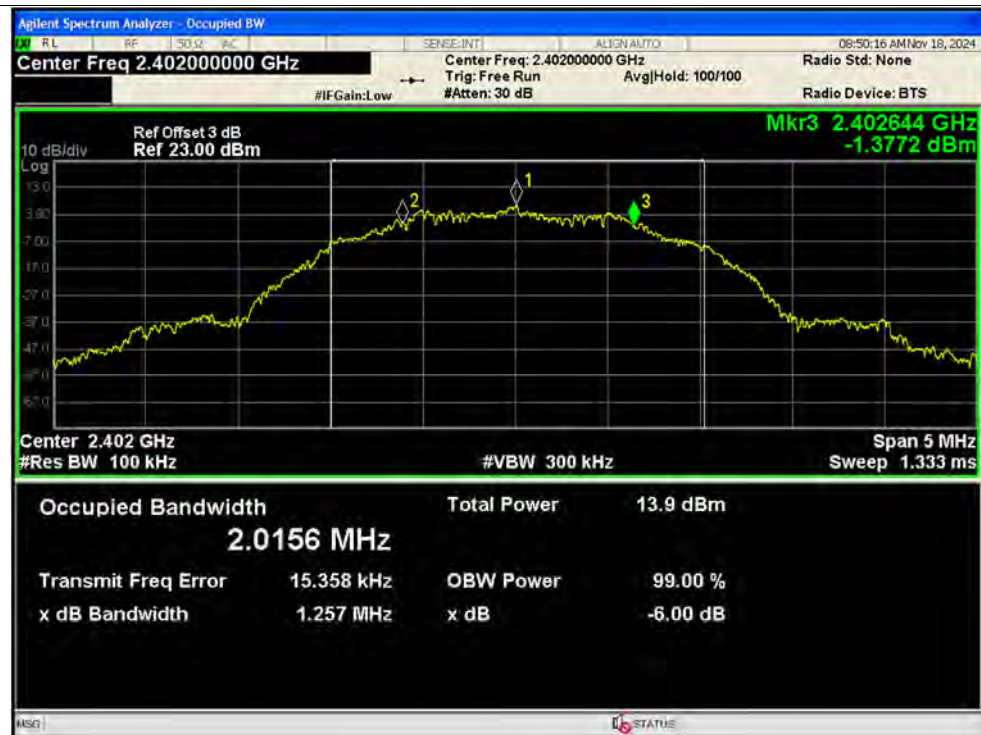
-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



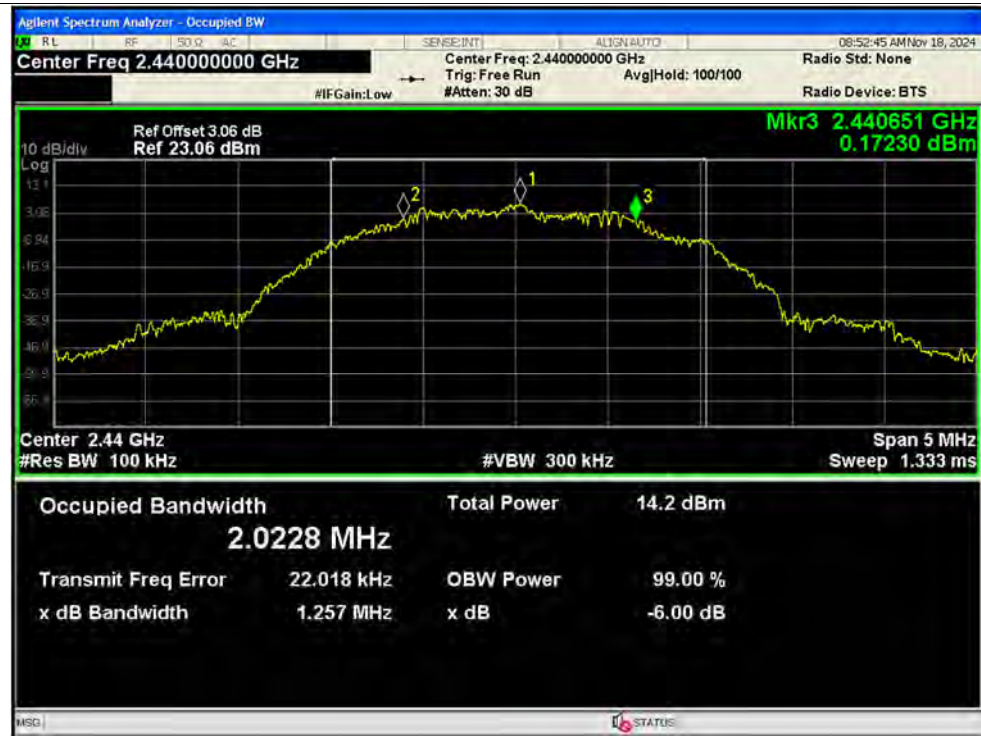
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



**A.5. Conducted Spurious Emissions**

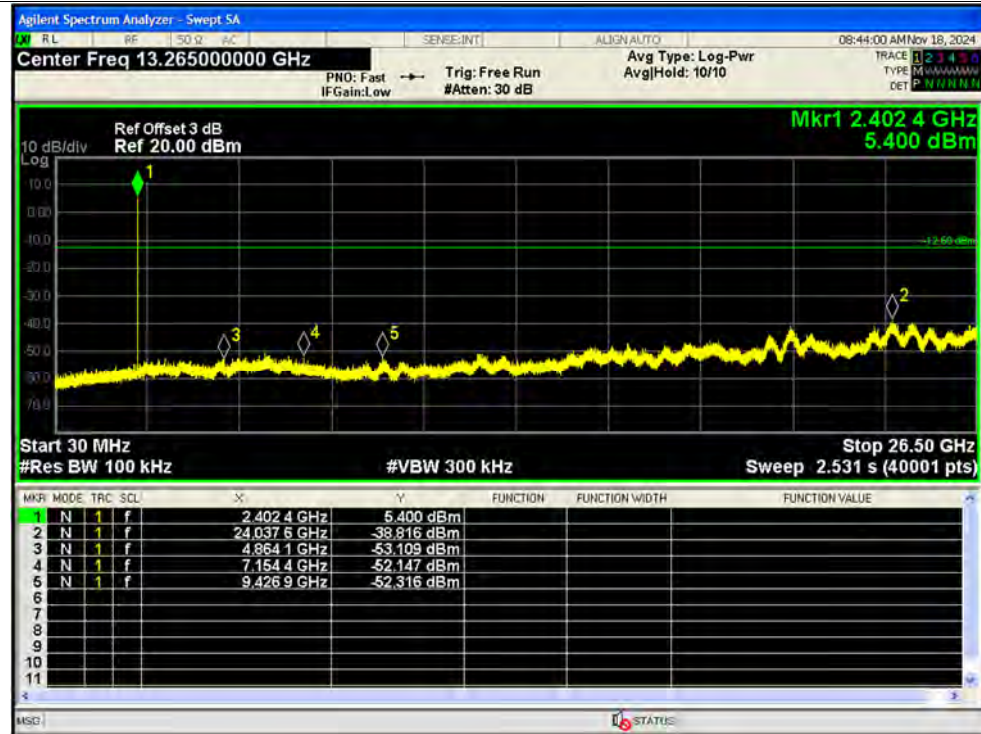
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.12	-20	Pass
NVNT	BLE 1M	2440	Ant1	-46.5	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.94	-20	Pass
NVNT	BLE 2M	2402	Ant1	-45.16	-20	Pass
NVNT	BLE 2M	2440	Ant1	-45.3	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.78	-20	Pass

Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



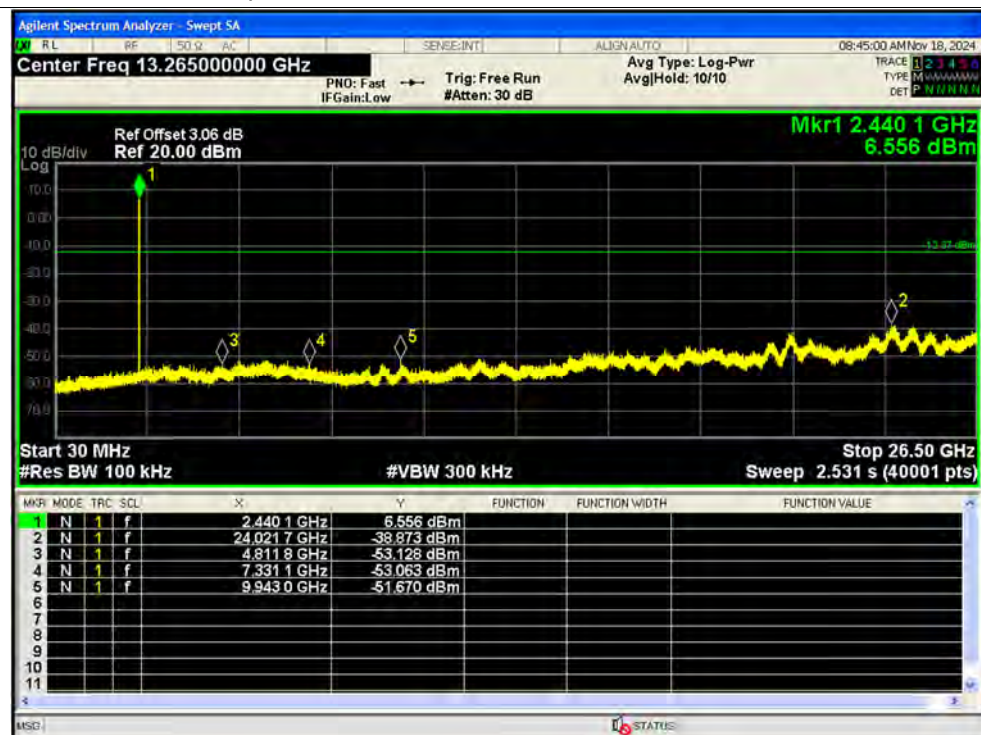
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



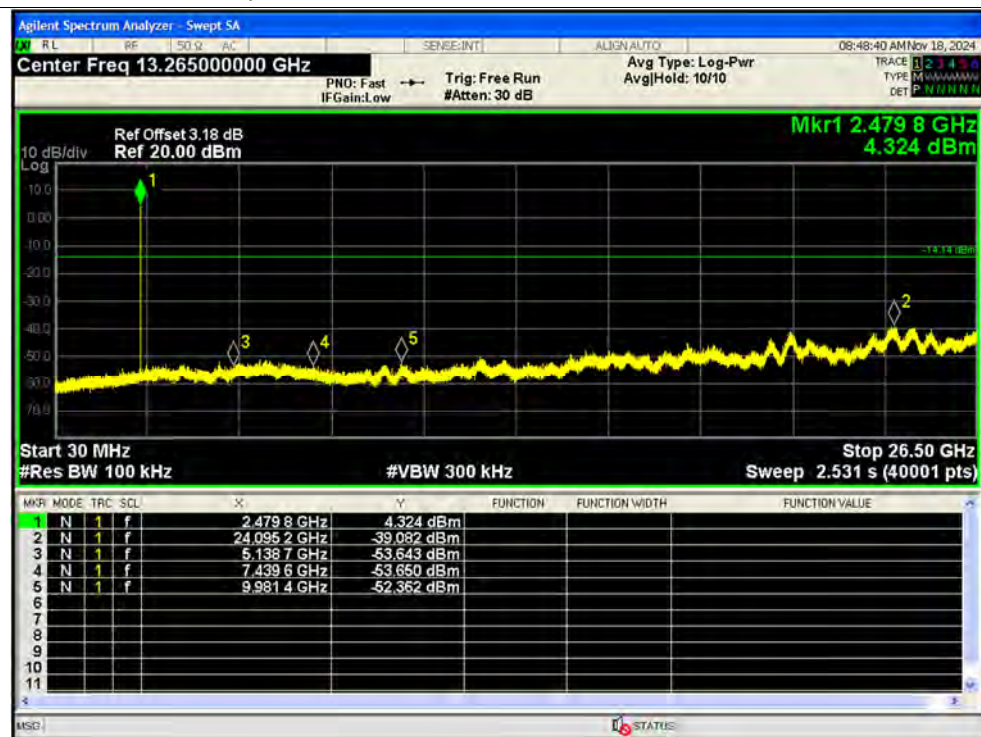
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



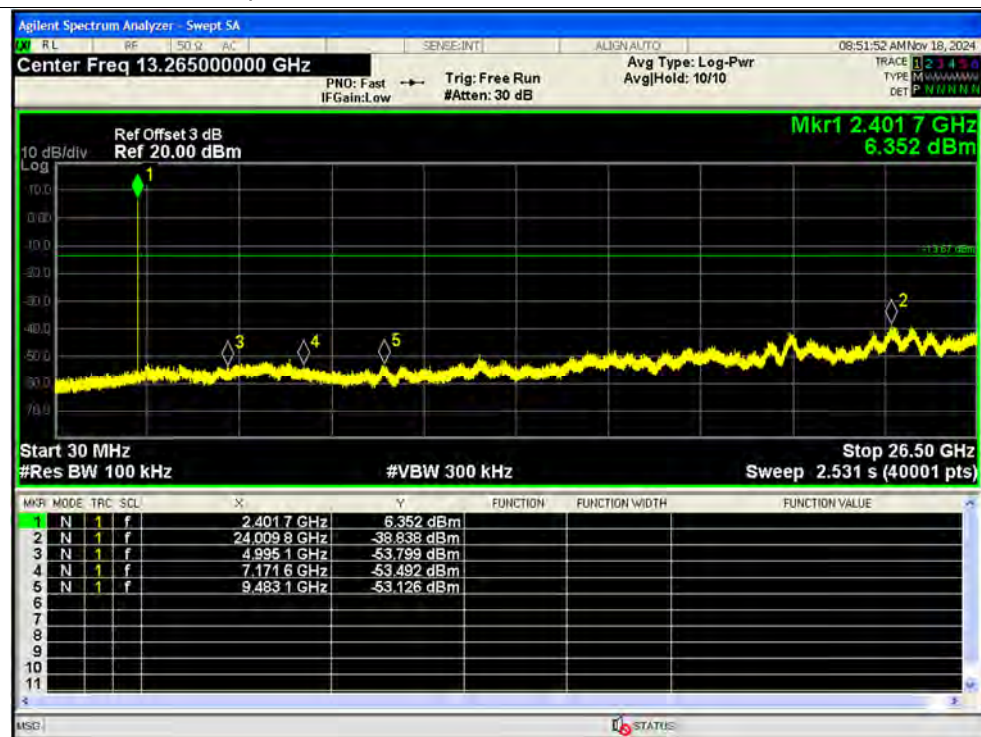
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



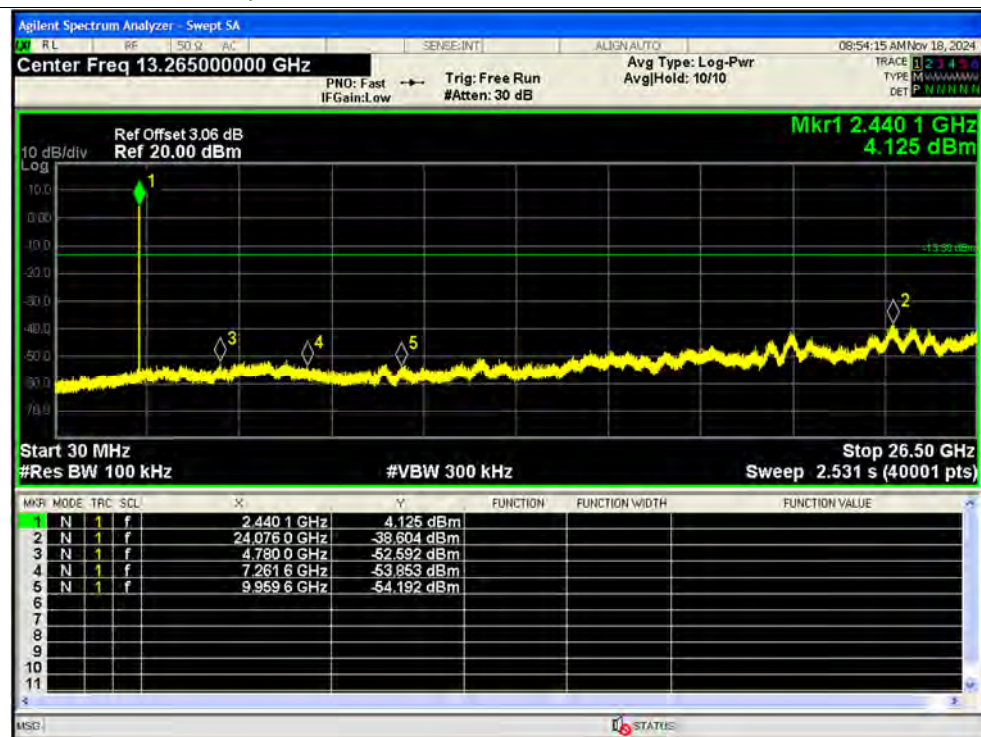
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



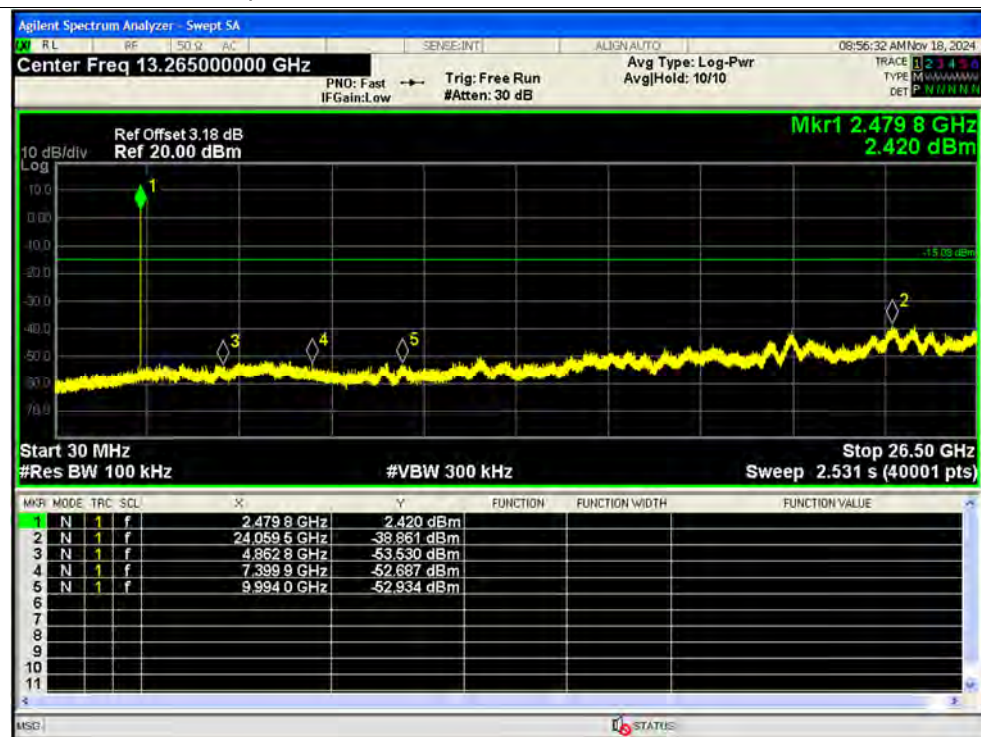
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission





REPORT No.: SZ24080214W01

A.6. Band Edge

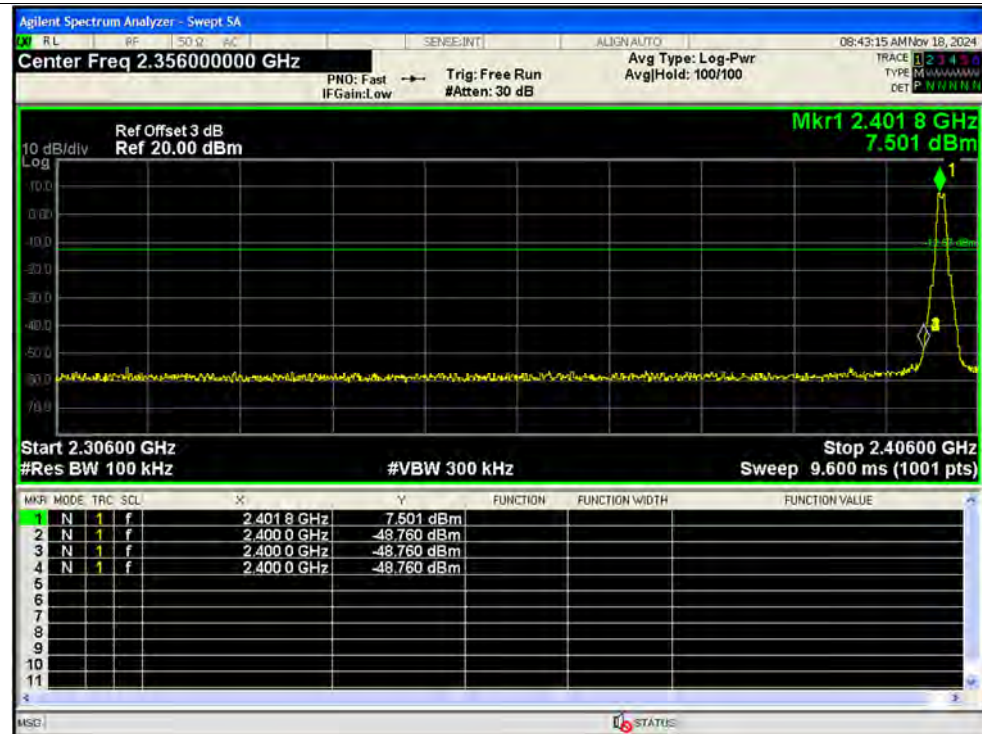
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-56.19	-20	Pass
NVNT	BLE 1M	2480	Ant1	-60.42	-20	Pass
NVNT	BLE 2M	2402	Ant1	-45.96	-20	Pass
NVNT	BLE 2M	2480	Ant1	-60.53	-20	Pass

Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



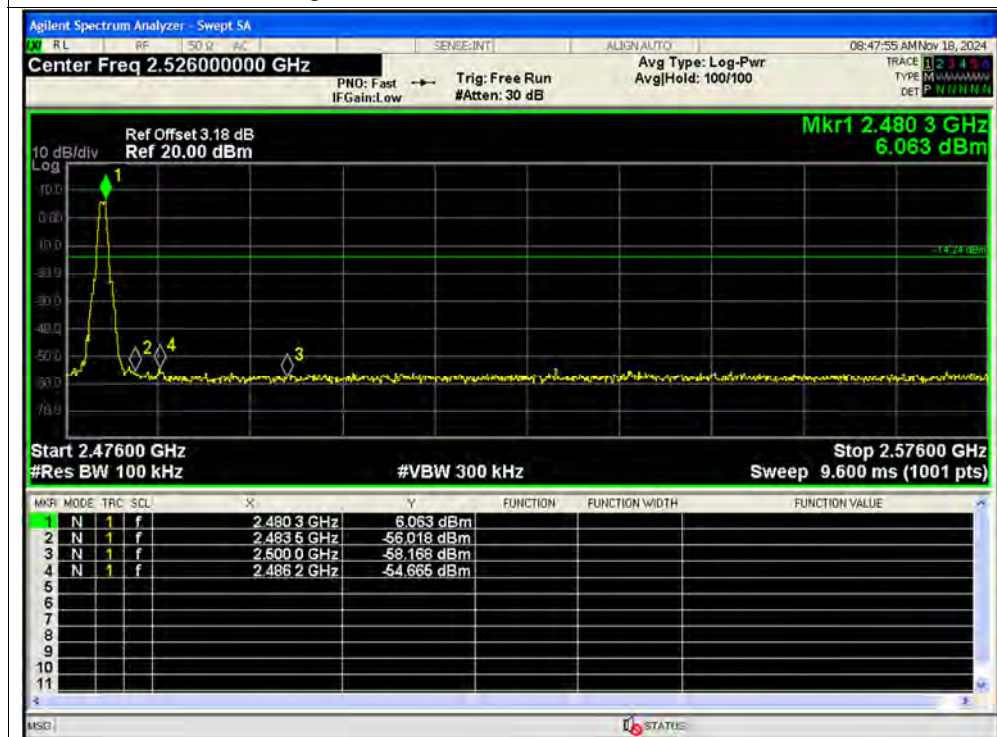
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



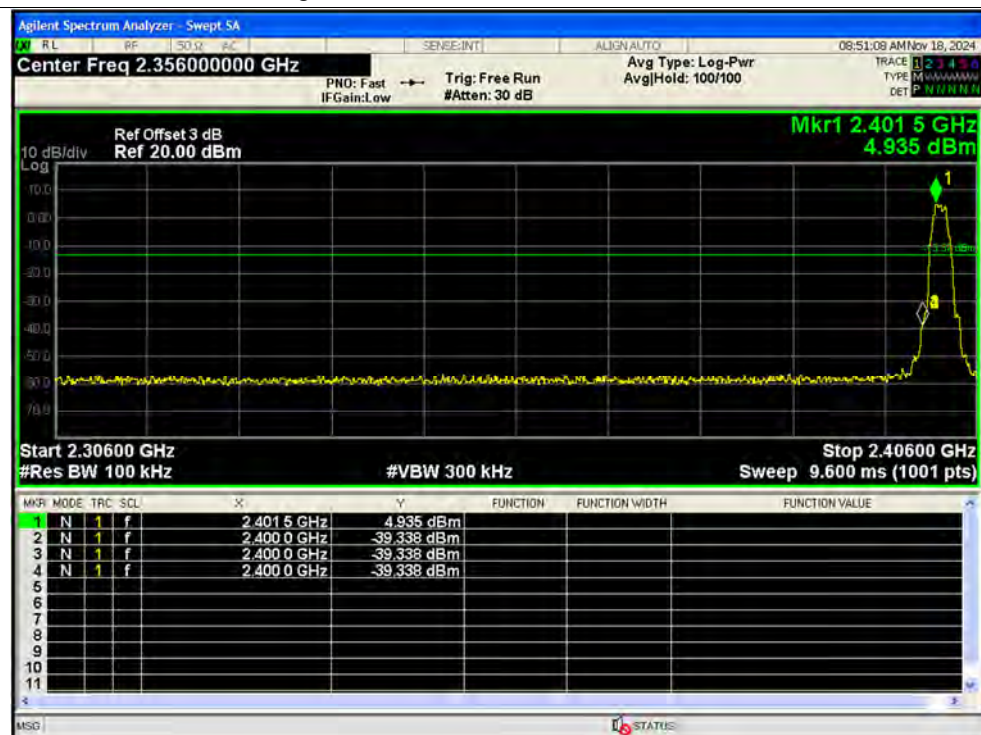
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



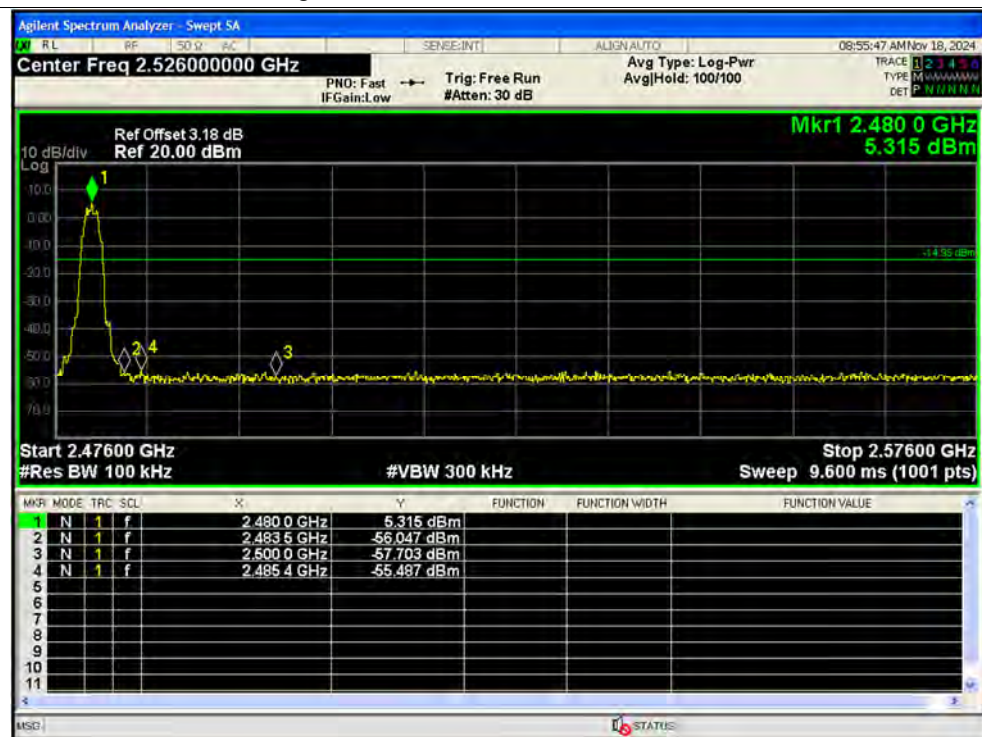
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



**A.7. Power Spectral Density**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-7.55	0	-7.55	8	Pass
NVNT	BLE 1M	2440	Ant1	-7.29	0	-7.29	8	Pass
NVNT	BLE 1M	2480	Ant1	-8.96	0	-8.96	8	Pass
NVNT	BLE 2M	2402	Ant1	-9.8	0	-9.8	8	Pass
NVNT	BLE 2M	2440	Ant1	-9.43	0	-9.43	8	Pass
NVNT	BLE 2M	2480	Ant1	-11.2	0	-11.2	8	Pass



Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1

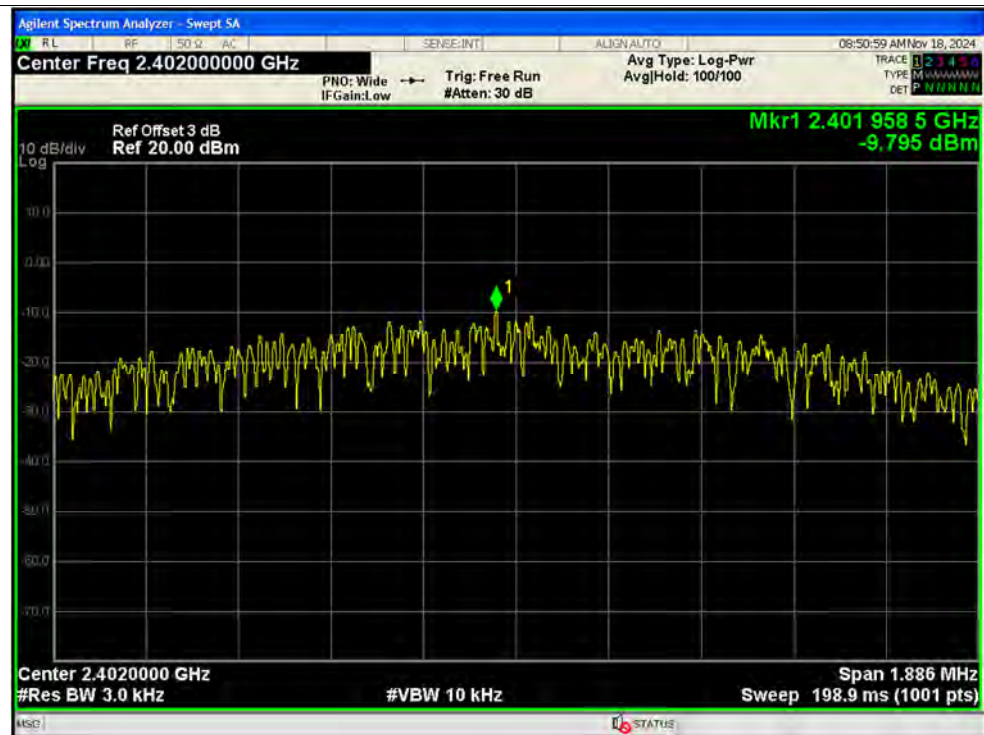




PSD NVNT BLE 1M 2480MHz Ant1

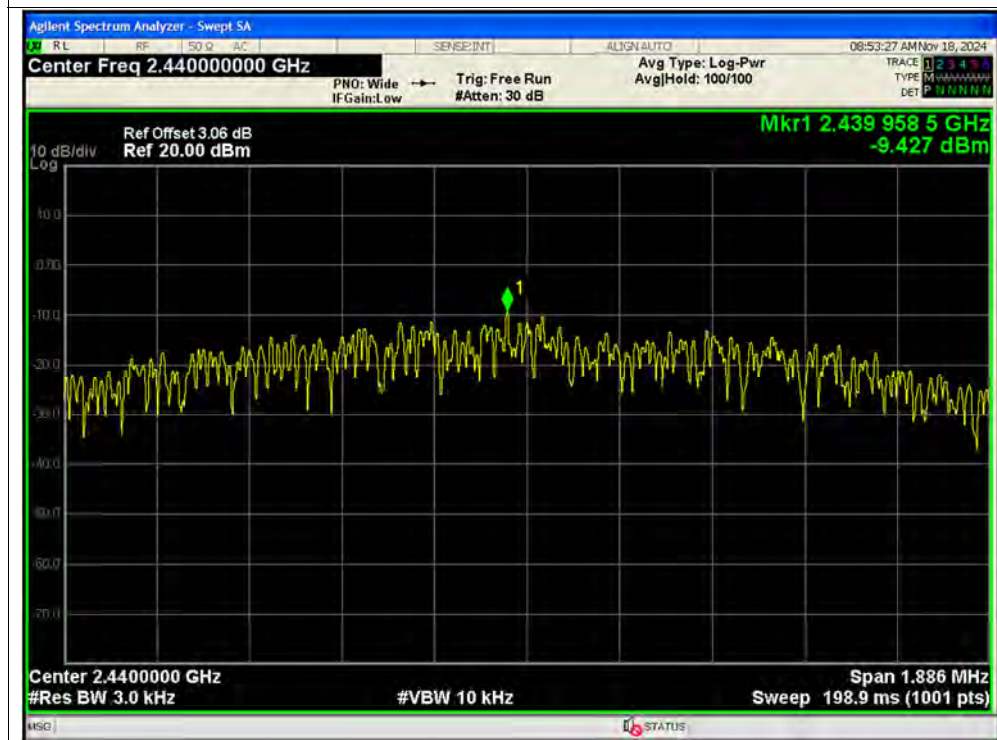


PSD NVNT BLE 2M 2402MHz Ant1

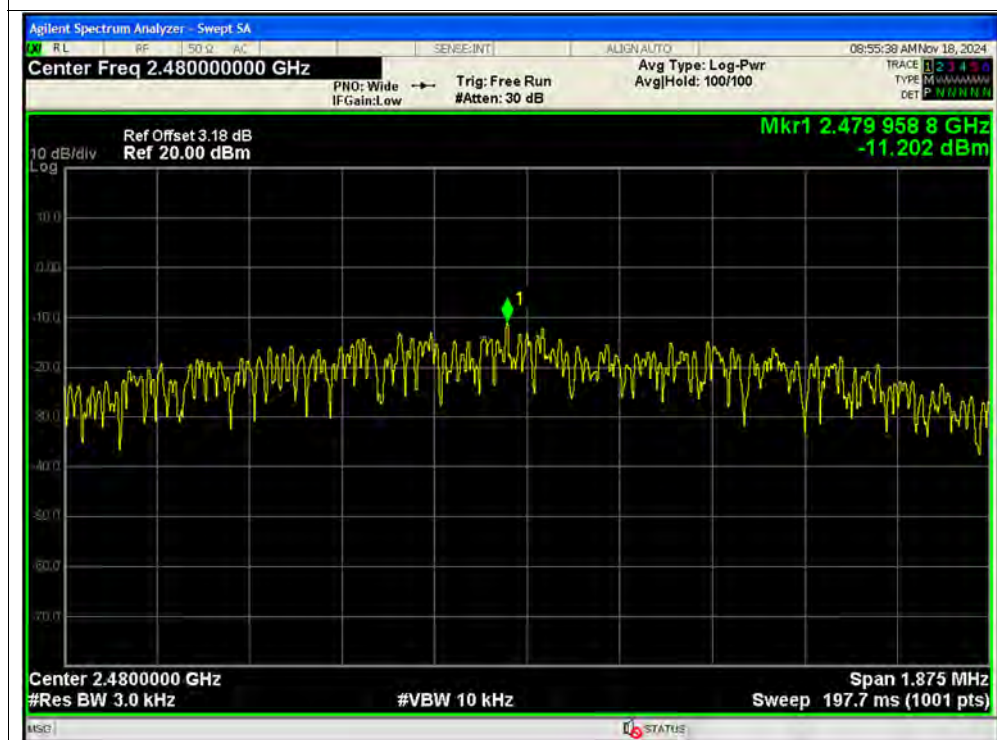




PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1





A.8. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT+Adapter+Data Cable+Router+SIM Card+BLE TX

Test voltage: AC 120V/60Hz

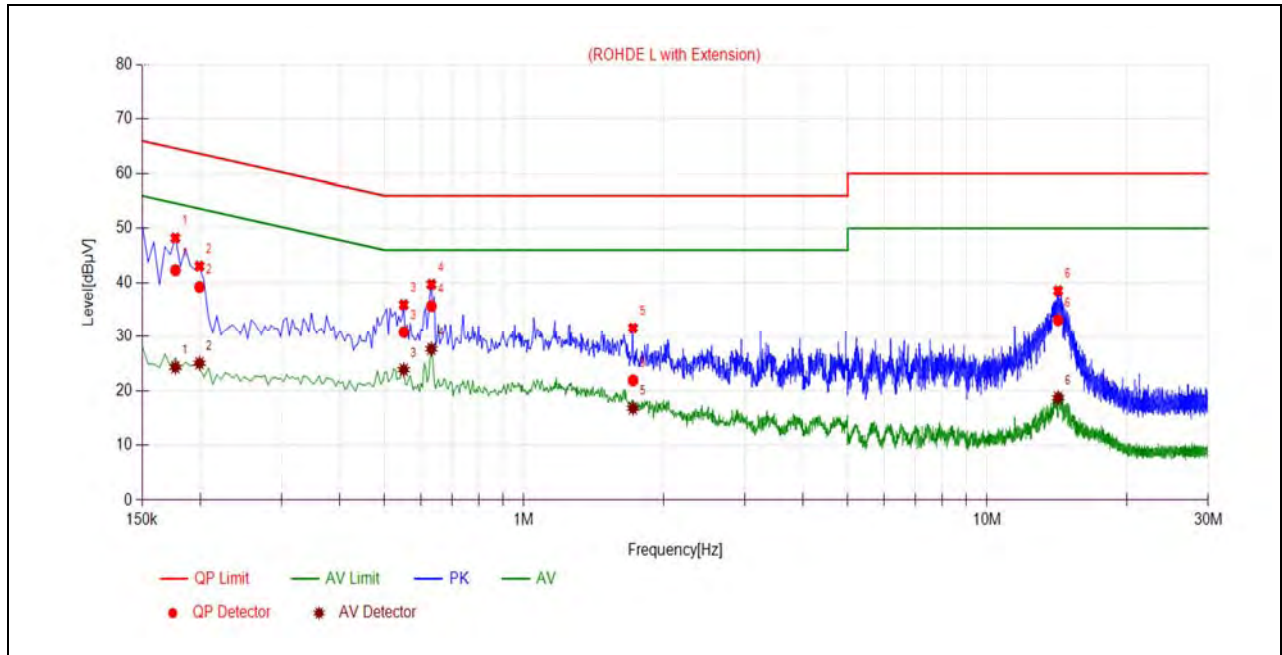
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

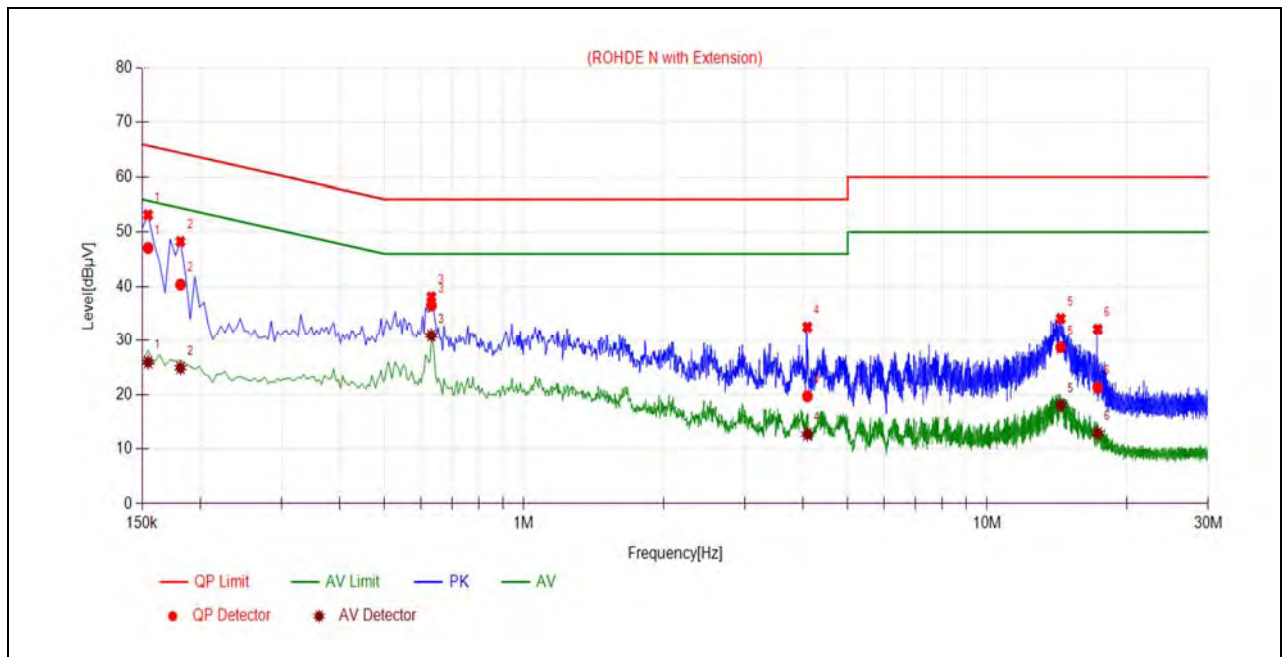
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1770	42.29	24.28	64.62	54.62	Line	PASS
2	0.1995	39.20	25.03	63.63	53.63		PASS
3	0.5505	30.82	23.83	56.00	46.00		PASS
4	0.6315	35.68	27.67	56.00	46.00		PASS
5	1.7204	21.86	16.76	56.00	46.00		PASS
6	14.2257	33.09	18.68	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1545	47.10	25.93	65.76	55.76	Neutral	PASS
2	0.1815	40.38	24.90	64.42	54.42		PASS
3	0.6315	36.55	30.95	56.00	46.00		PASS
4	4.0923	19.66	12.68	56.00	46.00		PASS
5	14.4101	28.71	18.03	60.00	50.00		PASS
6	17.3299	21.26	12.87	60.00	50.00		PASS

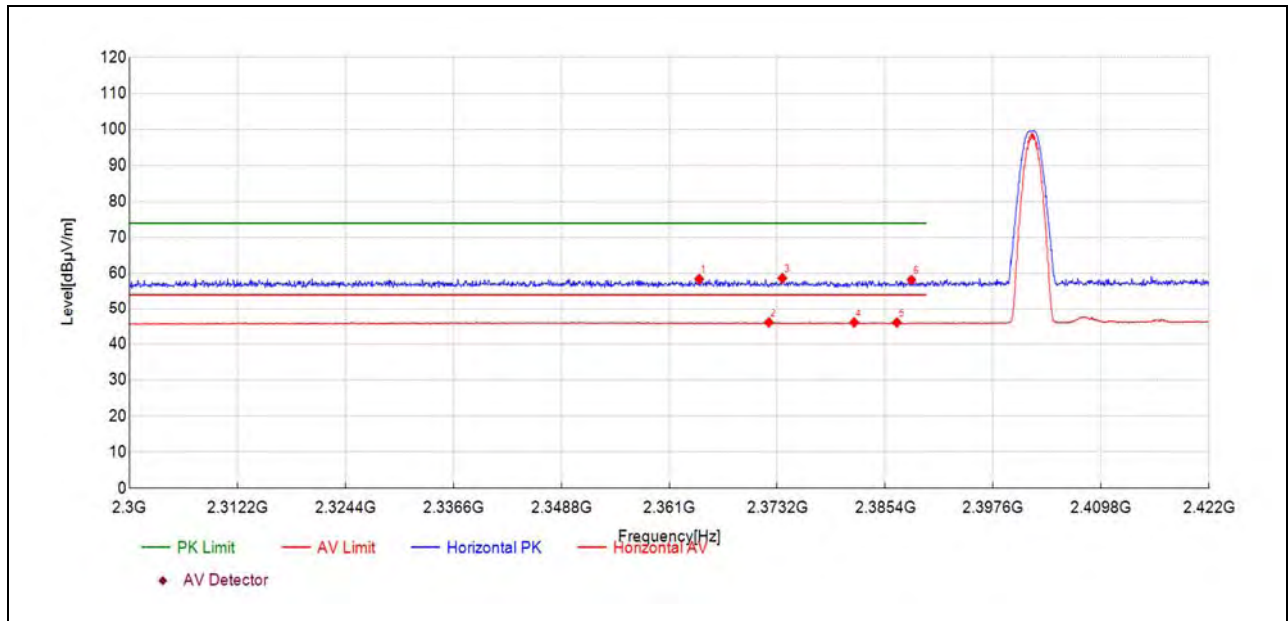


A.9. Restricted Frequency Bands

Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (Vertical) was recorded in this test report.

1Mbps

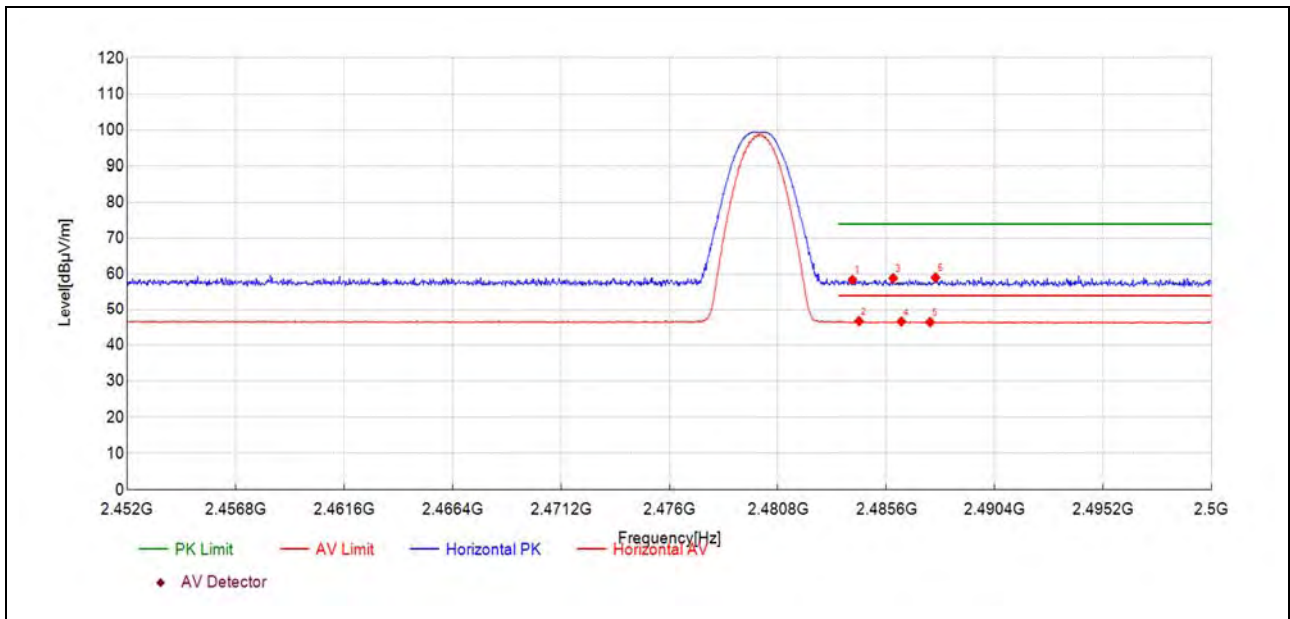
Plot for Channel 0



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2364.39	20.9	58.41	37.470	74.00	15.59	150	108	PK	PASS
2372.26	8.6	46.06	37.480	54.00	7.94	150	127	AV	PASS
2373.79	21.2	58.66	37.480	74.00	15.34	150	103	PK	PASS
2381.90	8.6	46.05	37.480	54.00	7.95	150	230	AV	PASS
2386.72	8.5	46.03	37.490	54.00	7.97	150	187	AV	PASS
2388.37	20.7	58.17	37.490	74.00	15.83	150	196	PK	PASS



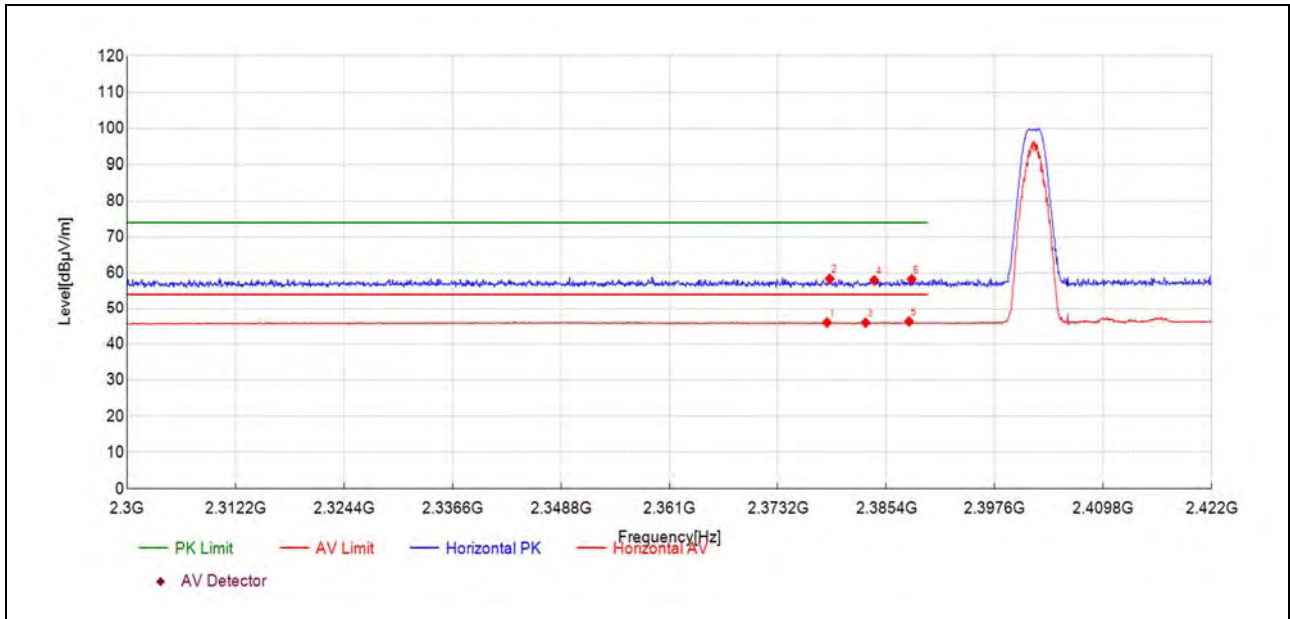
Plot for Channel 39



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2484.10	20.1	58.40	38.270	74.00	15.60	150	104	PK	PASS
2484.39	8.4	46.66	38.270	54.00	7.34	150	292	AV	PASS
2485.90	20.6	58.89	38.270	74.00	15.11	150	231	PK	PASS
2486.27	8.3	46.54	38.270	54.00	7.46	150	108	AV	PASS
2487.54	8.1	46.39	38.270	54.00	7.61	150	184	AV	PASS
2487.78	20.8	59.07	38.270	74.00	14.93	150	207	PK	PASS

**2Mbps**

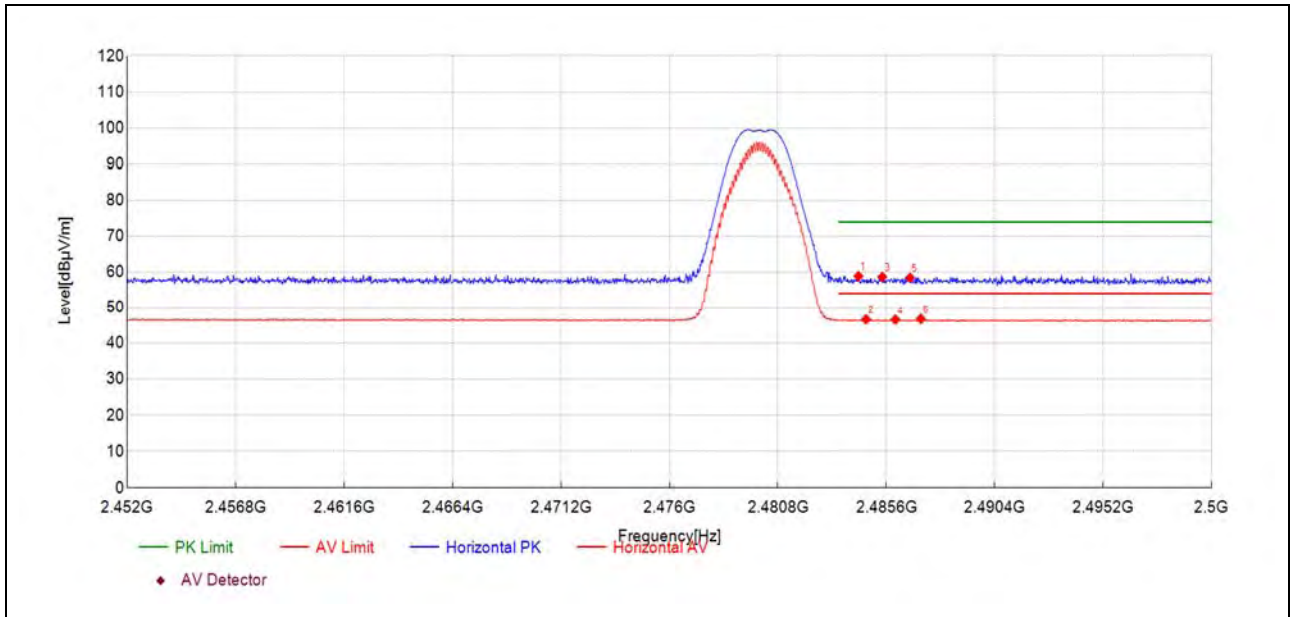
Plot for Channel 0



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2378.73	8.5	45.97	37.480	54.00	8.03	150	246	AV	PASS
2379.03	20.9	58.37	37.480	74.00	15.63	150	227	PK	PASS
2383.06	8.5	45.94	37.480	54.00	8.06	150	353	AV	PASS
2384.04	20.5	58.00	37.490	74.00	16.00	150	52	PK	PASS
2387.94	8.8	46.27	37.490	54.00	7.73	150	292	AV	PASS
2388.25	20.8	58.28	37.490	74.00	15.72	150	5	PK	PASS



Plot for Channel 39



Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
2484.37	20.6	58.90	38.270	74.00	15.10	150	46	PK	PASS
2484.70	8.4	46.63	38.270	54.00	7.37	150	295	AV	PASS
2485.42	20.4	58.68	38.270	74.00	15.32	150	32	PK	PASS
2486.00	8.3	46.54	38.280	54.00	7.46	150	183	AV	PASS
2486.65	20.2	58.43	38.270	74.00	15.57	150	304	PK	PASS
2487.13	8.5	46.76	38.270	54.00	7.24	150	230	AV	PASS



A.10. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 4: All test modes were considered and evaluated respectively by performing full test, only the worst data were recorded.

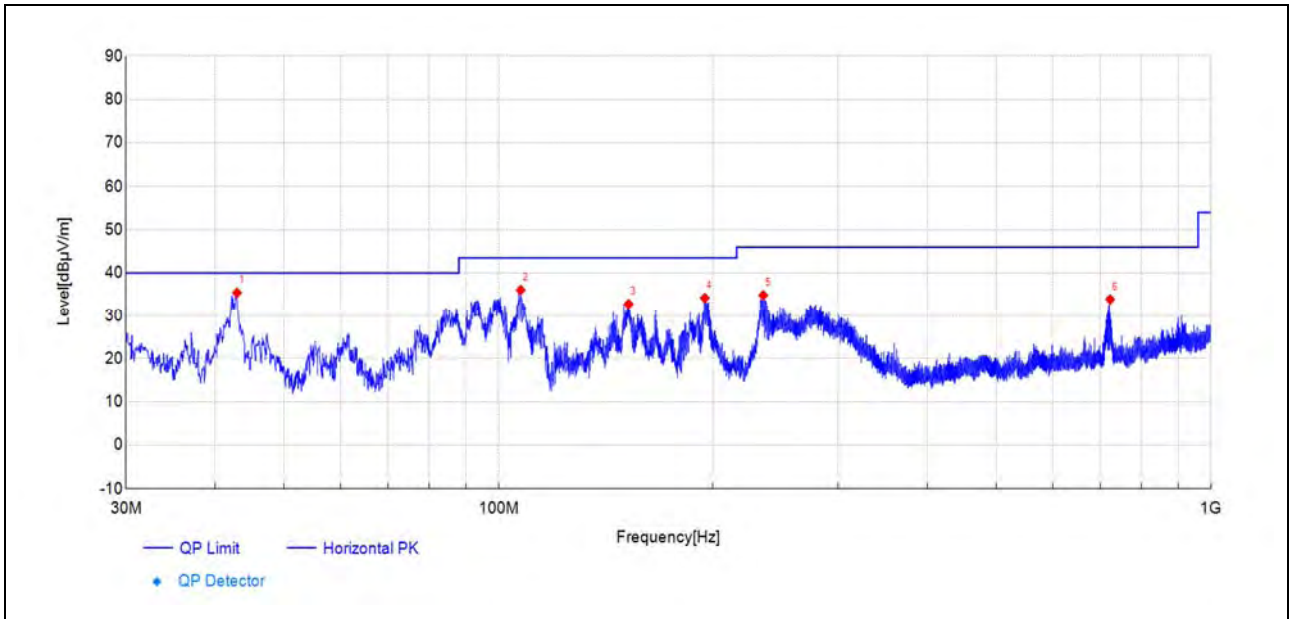
Field strength of fundamental:

Frequency [MHz]	Reading [dB μ V]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Detector	Polarity
2402.23	62.0	99.54	37.540	-	PK	Horizontal

The field strength (the lowest) of fundamenta is more than 20dB higher than the unwanted emissions, in accordance with FCC part 15.215(b).

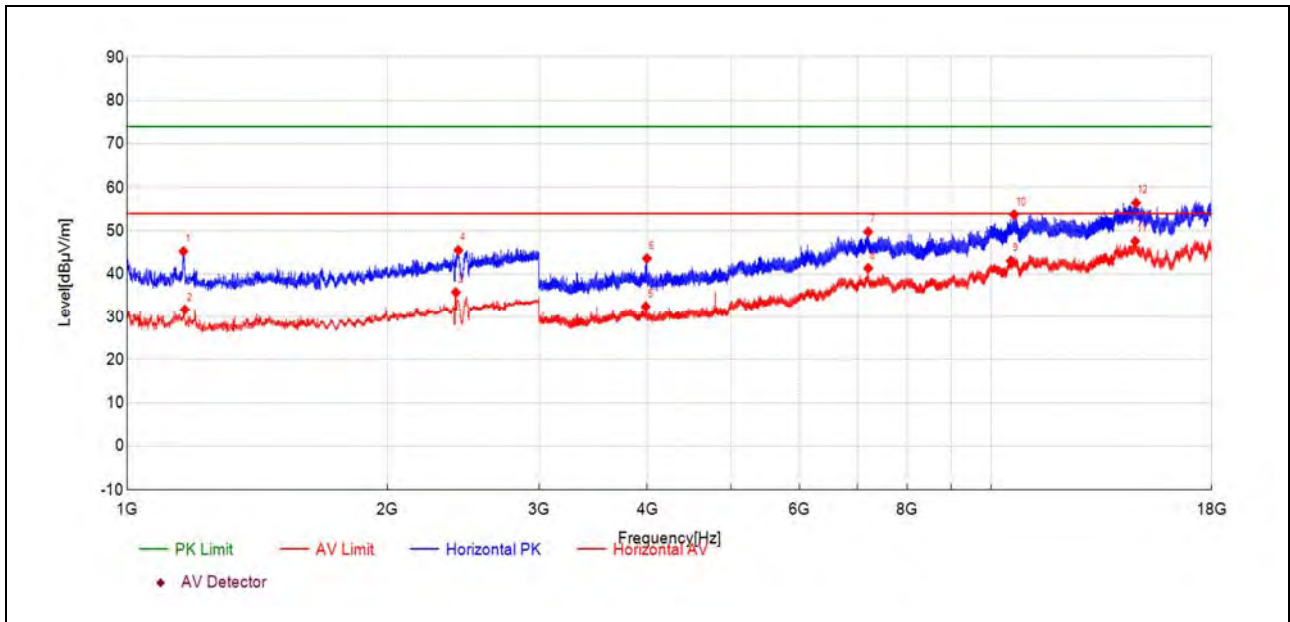
**1Mbps**

Plot for Channel 0



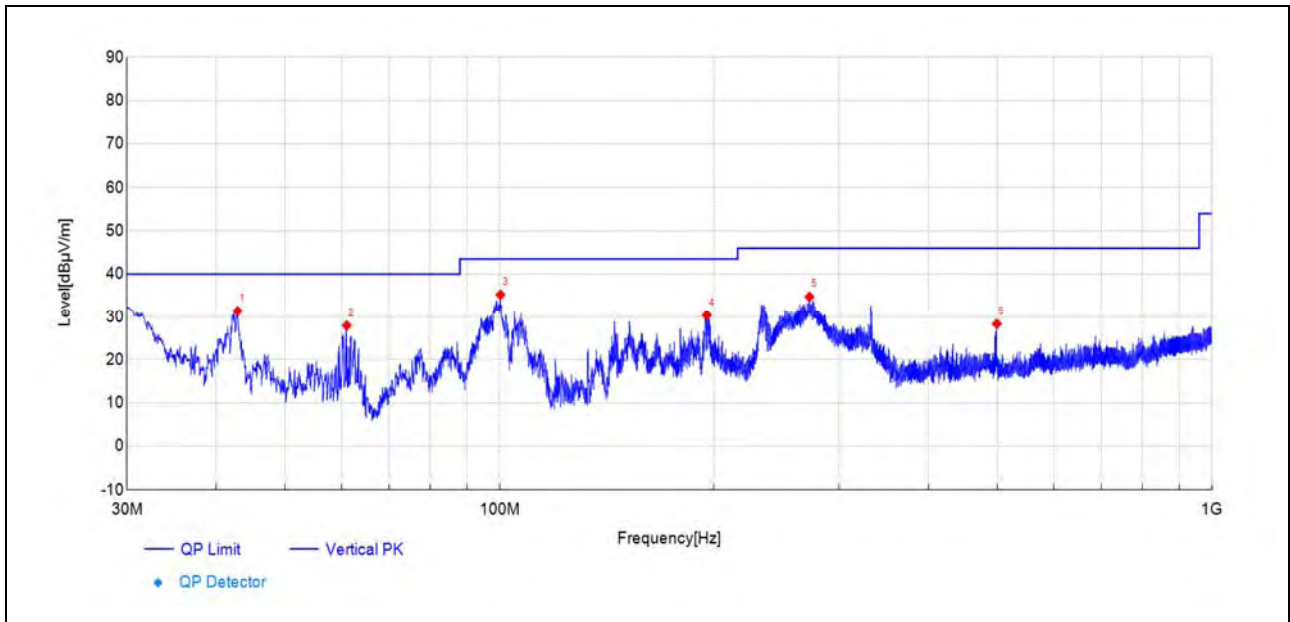
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.95	63.5	35.41	-28.070	40.00	4.59	150	356	PK	PASS
107.46	65.2	36.04	-29.120	43.50	7.46	150	57	PK	PASS
152.32	64.9	32.74	-32.140	43.50	10.76	150	77	PK	PASS
194.86	63.5	34.17	-29.280	43.50	9.33	150	84	PK	PASS
235.36	62.7	34.82	-27.910	46.00	11.18	150	207	PK	PASS
722.37	49.4	33.86	-15.560	46.00	12.14	150	138	PK	PASS



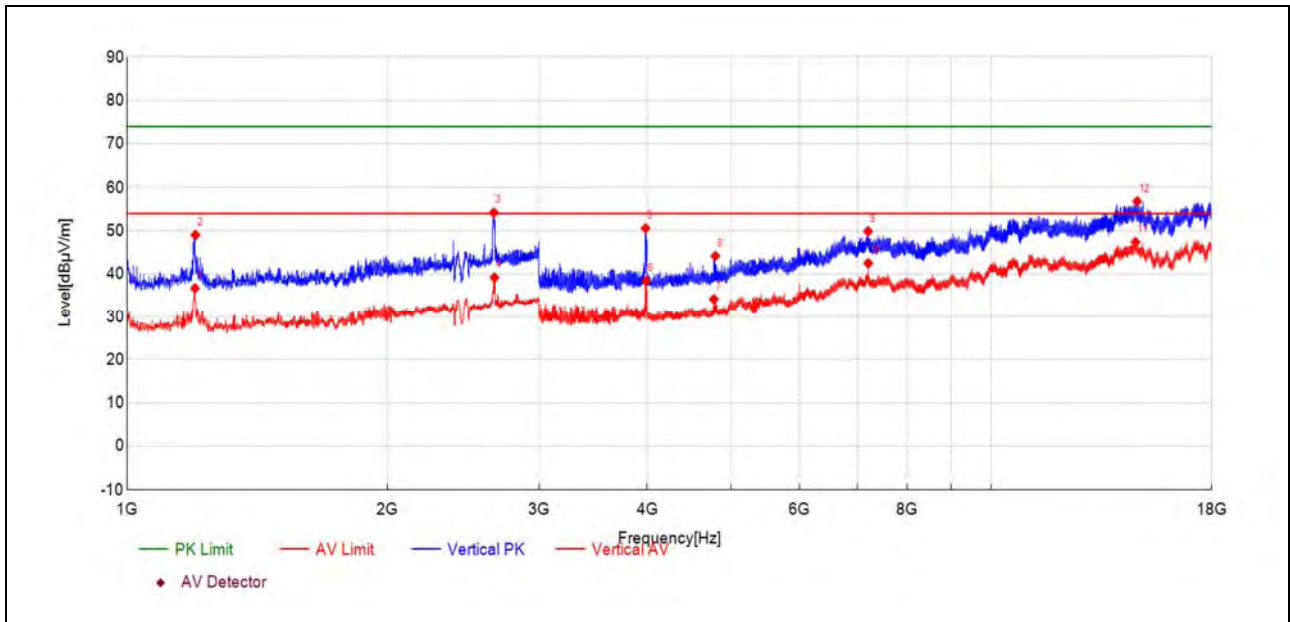
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1162.03	47.0	45.25	-1.760	74.00	28.75	150	102	PK	PASS
1166.43	33.3	31.67	-1.670	54.00	22.33	150	102	AV	PASS
2402.28	30.5	35.76	5.250	-	-	150	308	AV	NA
2418.68	40.0	45.52	5.500	74.00	28.48	150	341	PK	PASS
3983.60	40.5	32.44	-8.020	54.00	21.56	150	324	AV	PASS
3996.46	51.7	43.62	-8.120	74.00	30.38	150	123	PK	PASS
7206.55	44.8	49.78	5.020	74.00	24.22	150	44	PK	PASS
7206.98	36.4	41.37	5.020	54.00	12.63	150	57	AV	PASS
10537.07	31.0	43.06	12.040	54.00	10.94	150	97	AV	PASS
10628.79	41.6	53.77	12.190	74.00	20.23	150	337	PK	PASS
14678.05	27.1	47.61	20.540	54.00	6.39	150	151	AV	PASS
14712.76	36.0	56.47	20.490	74.00	17.53	150	271	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

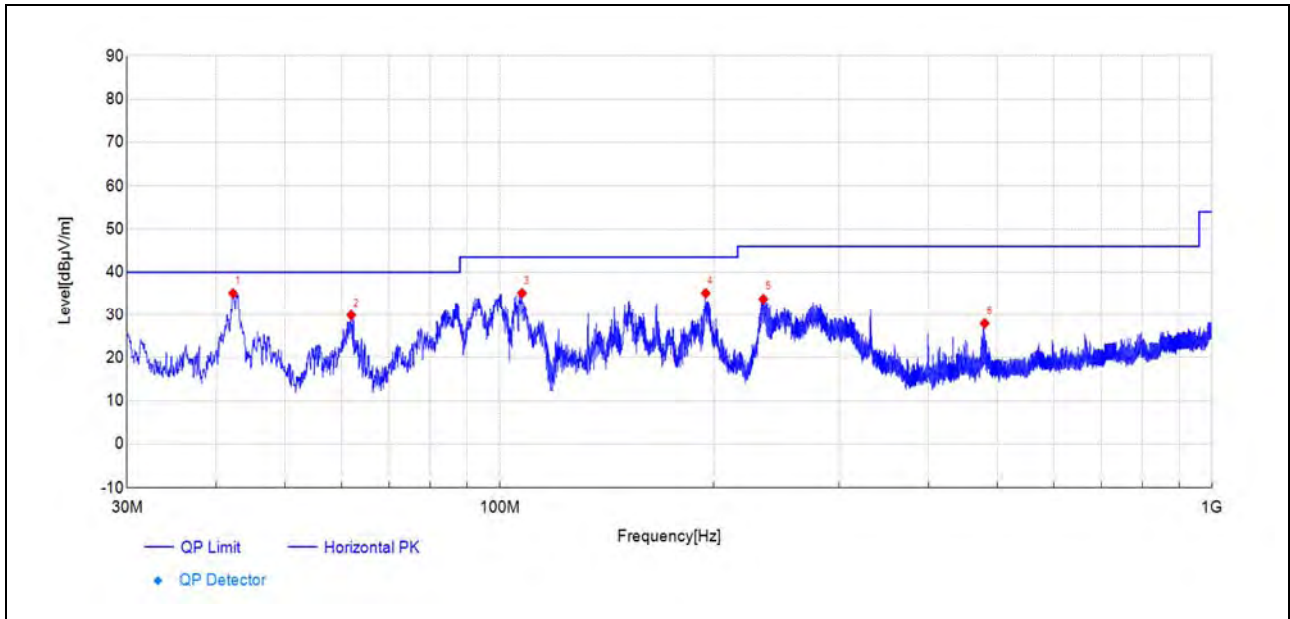
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.90	59.4	31.33	-28.100	40.00	8.67	150	330	PK	PASS
61.04	56.7	27.92	-28.820	40.00	12.08	150	139	PK	PASS
100.33	64.9	35.19	-29.660	43.50	8.31	150	194	PK	PASS
195.49	59.5	30.35	-29.190	43.50	13.15	150	4	PK	PASS
272.42	61.3	34.72	-26.570	46.00	11.28	150	221	PK	PASS
499.31	48.7	28.31	-20.420	46.00	17.69	150	132	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

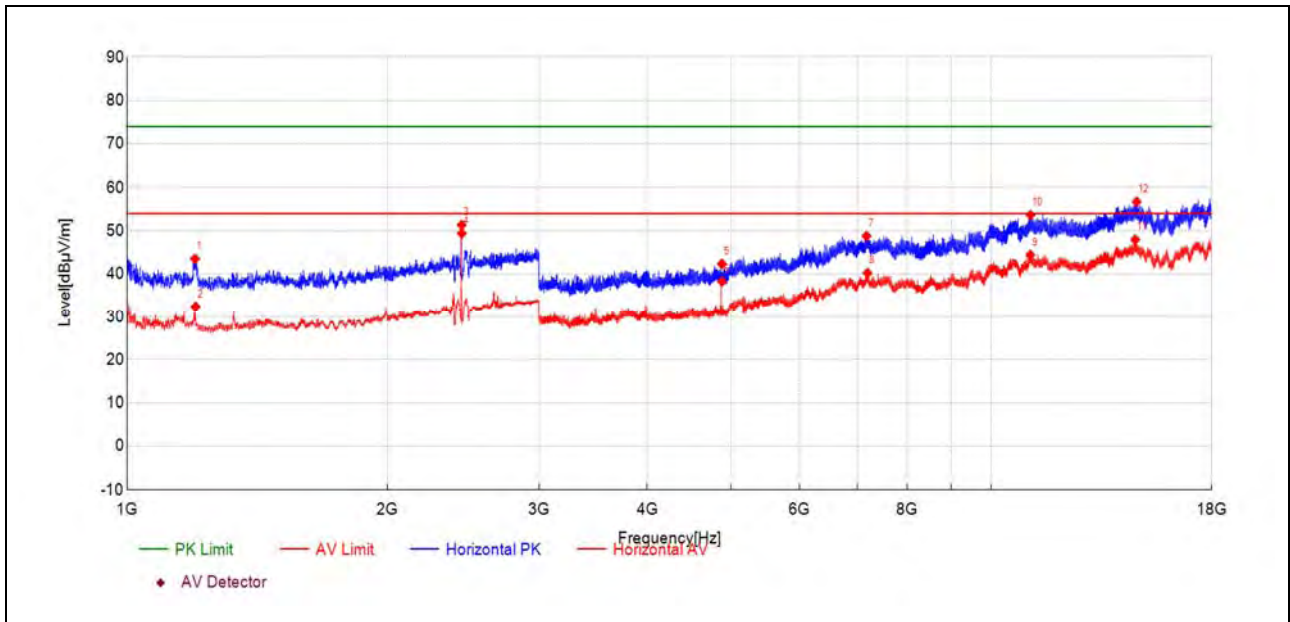
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1198.44	37.8	36.70	-1.120	54.00	17.30	150	91	AV	PASS
1200.04	50.1	49.05	-1.090	74.00	24.95	150	91	PK	PASS
2657.93	48.0	54.22	6.260	74.00	19.78	150	70	PK	PASS
2662.73	33.0	39.19	6.240	54.00	14.81	150	108	AV	PASS
3981.89	58.6	50.58	-8.010	74.00	23.42	150	112	PK	PASS
3987.89	46.4	38.38	-8.050	54.00	15.62	150	112	AV	PASS
4777.34	39.5	34.17	-5.370	54.00	19.83	150	112	AV	PASS
4794.91	49.4	44.17	-5.220	74.00	29.83	150	97	PK	PASS
7205.26	44.9	49.90	5.040	74.00	24.10	150	124	PK	PASS
7206.98	37.5	42.51	5.020	54.00	11.49	150	272	AV	PASS
14690.91	26.8	47.40	20.570	54.00	6.60	150	85	AV	PASS
14756.48	36.7	56.83	20.110	74.00	17.17	150	232	PK	PASS

Plot for Channel 19



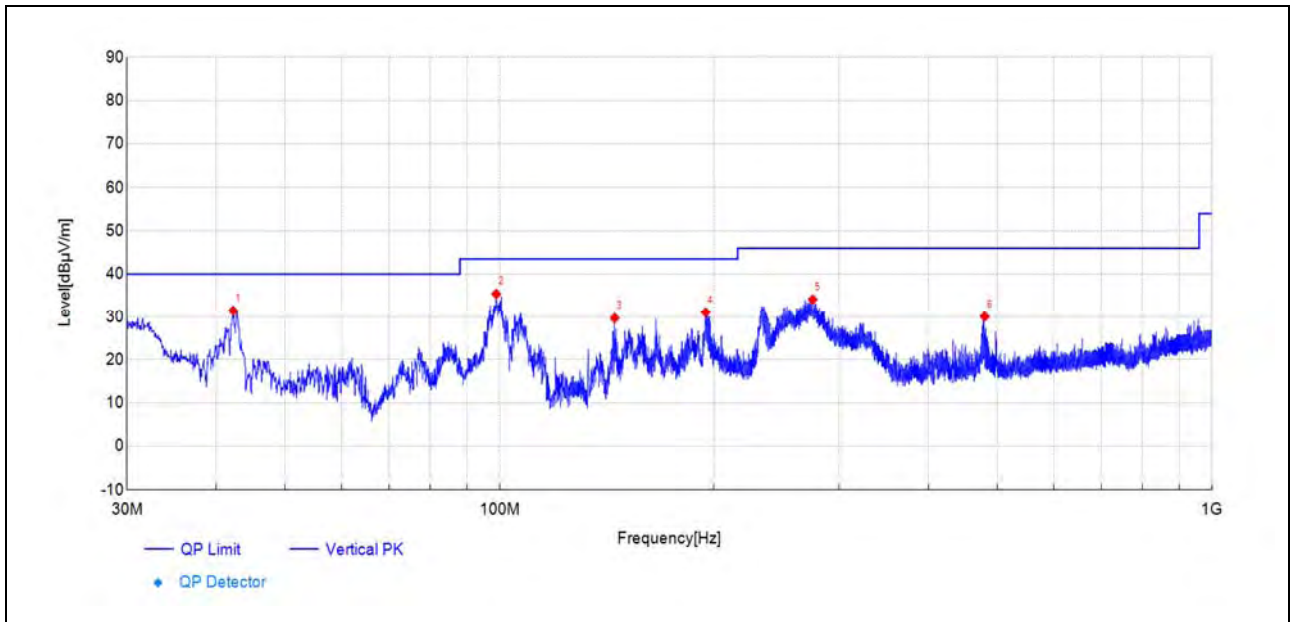
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.27	63.6	35.06	-28.490	40.00	4.94	150	360	PK	PASS
61.91	58.4	29.83	-28.560	40.00	10.17	150	248	PK	PASS
107.56	64.2	35.11	-29.090	43.50	8.39	150	76	PK	PASS
194.81	64.4	35.11	-29.320	43.50	8.39	150	76	PK	PASS
234.68	61.6	33.72	-27.920	46.00	12.28	150	227	PK	PASS
480.01	49.1	27.91	-21.190	46.00	18.09	150	268	PK	PASS



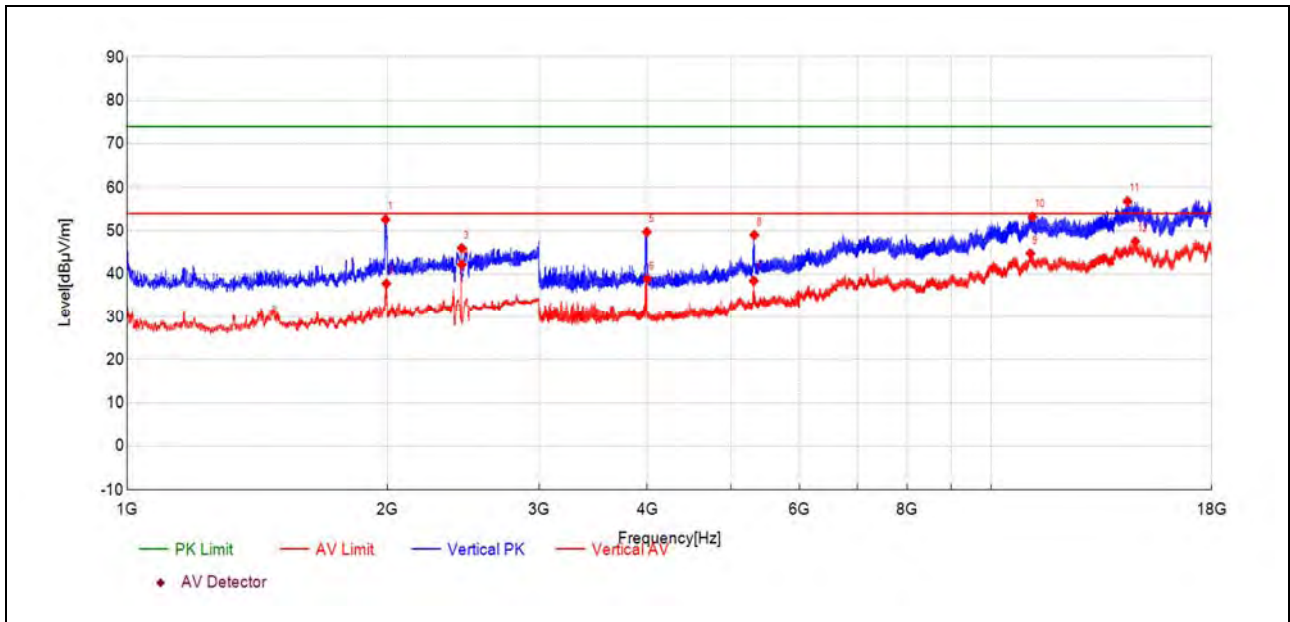
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1198.44	44.7	43.53	-1.120	74.00	30.47	150	261	PK	PASS
1200.44	33.5	32.41	-1.100	54.00	21.59	150	271	AV	PASS
2439.49	45.6	51.37	5.810	-	-	150	314	PK	NA
2440.29	43.6	49.42	5.820	-	-	150	314	AV	NA
4880.20	47.4	42.38	-5.000	74.00	31.62	150	257	PK	PASS
4880.63	43.3	38.28	-5.010	54.00	15.72	150	271	AV	PASS
7174.40	43.9	48.79	4.860	74.00	25.21	150	0	PK	PASS
7193.69	35.2	40.24	5.050	54.00	13.76	150	204	AV	PASS
11100.66	30.4	44.44	14.080	54.00	9.56	150	56	AV	PASS
11107.52	39.6	53.66	14.030	74.00	20.34	150	136	PK	PASS
14678.91	27.4	47.95	20.540	54.00	6.05	150	110	AV	PASS
14736.34	36.5	56.74	20.280	74.00	17.26	150	351	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

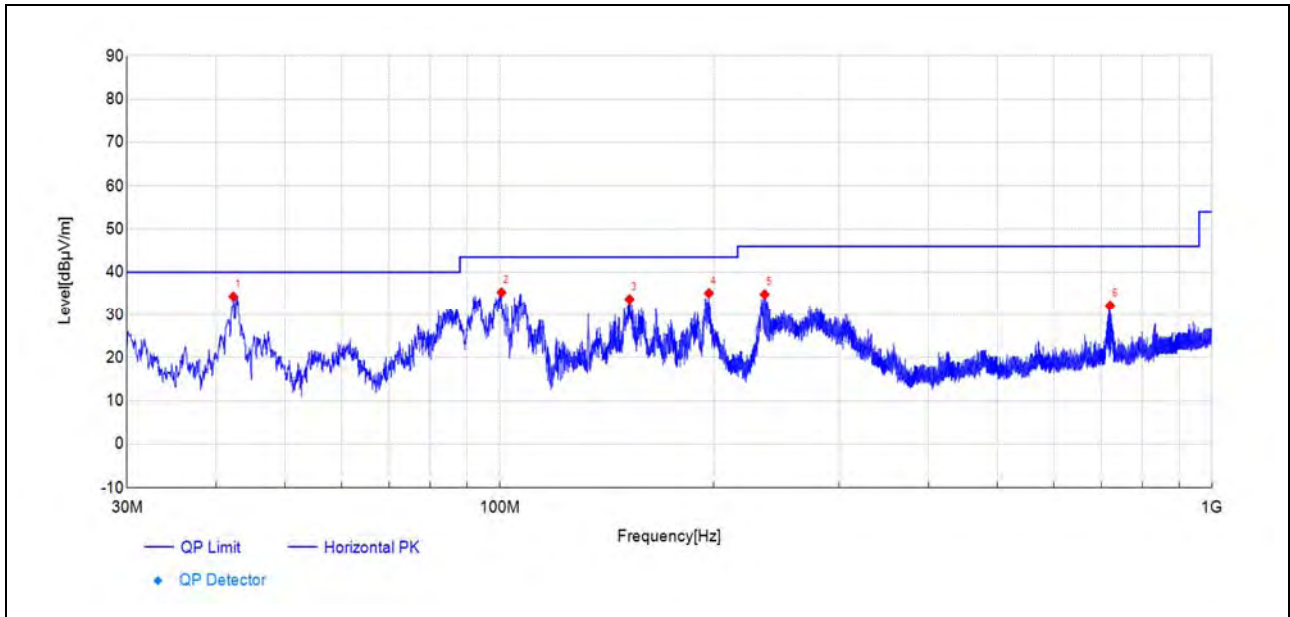
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.27	59.9	31.42	-28.490	40.00	8.58	150	323	PK	PASS
98.97	65.0	35.38	-29.610	43.50	8.12	150	199	PK	PASS
145.14	61.2	29.66	-31.500	43.50	13.84	150	97	PK	PASS
194.76	60.4	31.02	-29.360	43.50	12.48	150	8	PK	PASS
275.33	60.2	34.07	-26.080	46.00	11.93	150	226	PK	PASS
480.01	51.2	30.02	-21.190	46.00	15.98	150	145	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

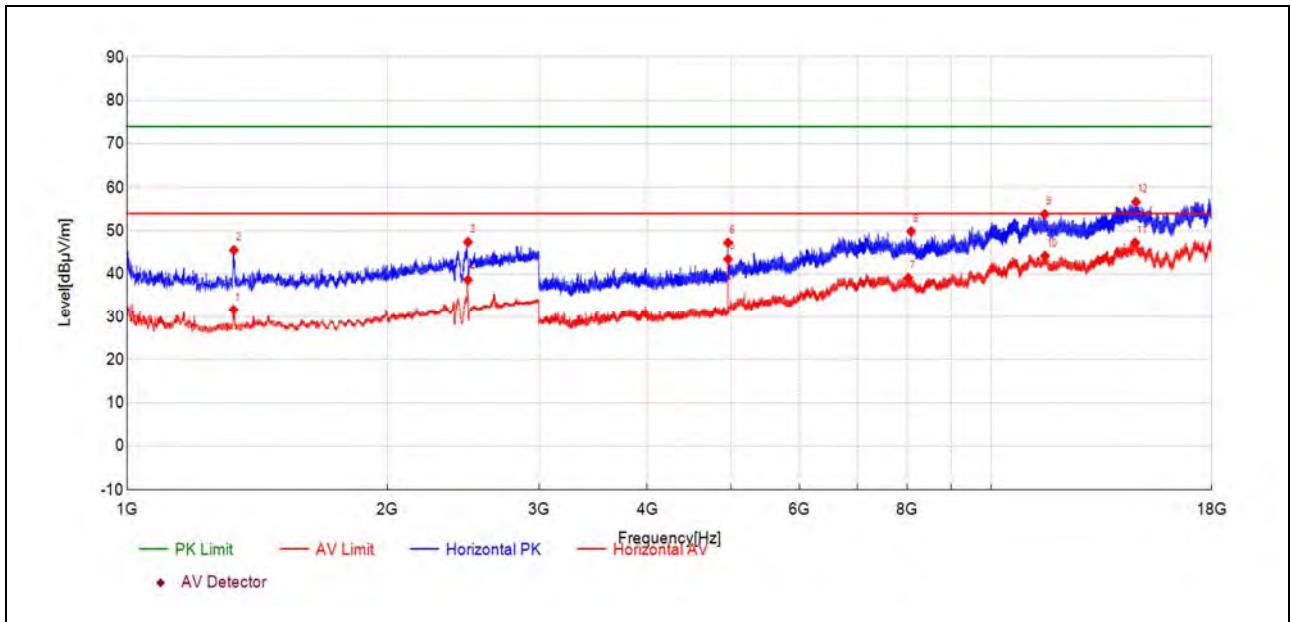
Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1991.80	50.1	52.64	2.560	74.00	21.36	150	124	PK	PASS
1995.80	35.2	37.80	2.600	54.00	16.20	150	118	AV	PASS
2439.89	40.2	45.99	5.820	-	-	150	157	PK	NA
2440.69	36.4	42.21	5.830	-	-	150	157	AV	NA
3994.74	57.9	49.74	-8.110	74.00	24.26	150	57	PK	PASS
3999.46	47.0	38.83	-8.140	54.00	15.17	150	112	AV	PASS
5312.64	41.0	38.43	-2.610	54.00	15.57	150	44	AV	PASS
5319.92	51.6	49.07	-2.550	74.00	24.93	150	44	PK	PASS
11106.66	30.7	44.78	14.040	54.00	9.22	150	31	AV	PASS
11165.80	39.6	53.28	13.680	74.00	20.72	150	336	PK	PASS
14385.33	38.0	56.84	18.830	74.00	17.16	150	297	PK	PASS
14685.76	27.0	47.56	20.560	54.00	6.44	150	177	AV	PASS

Plot for Channel 39



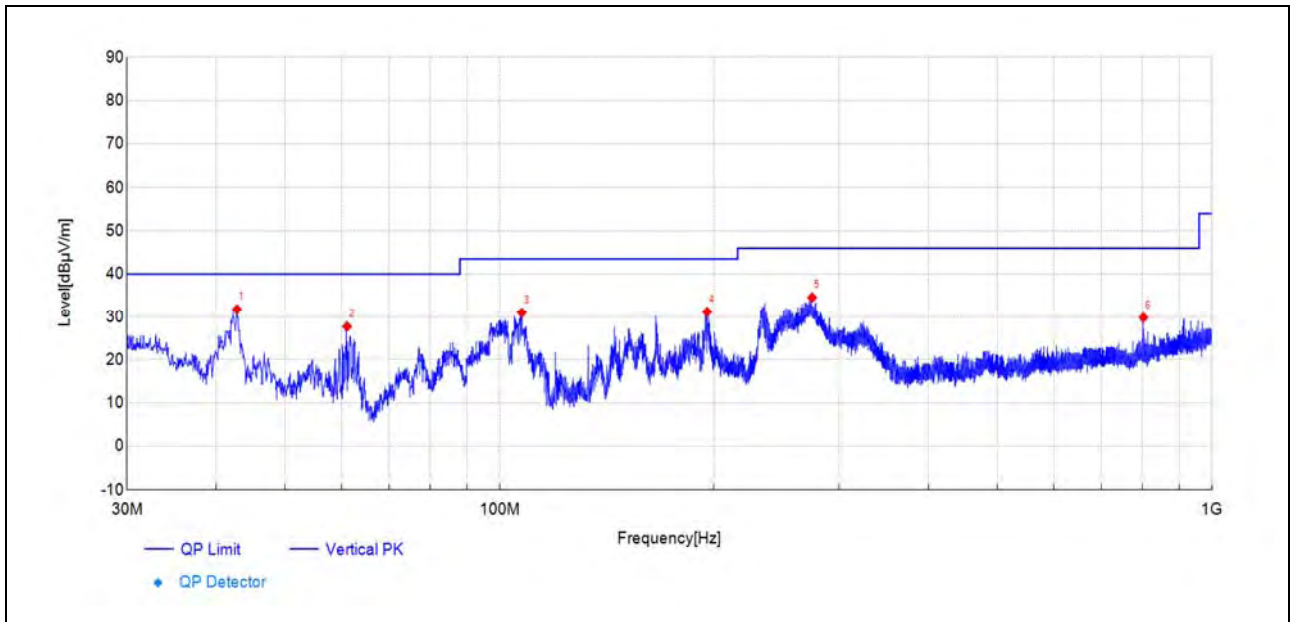
(Antenna Horizontal, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.32	62.8	34.31	-28.460	40.00	5.69	150	350	PK	PASS
100.67	65.0	35.27	-29.720	43.50	8.23	150	78	PK	PASS
152.27	65.8	33.67	-32.120	43.50	9.83	150	72	PK	PASS
196.85	64.1	35.09	-29.050	43.50	8.41	150	65	PK	PASS
235.65	62.7	34.80	-27.910	46.00	11.20	150	213	PK	PASS
720.00	47.8	32.16	-15.670	46.00	13.84	150	139	PK	PASS



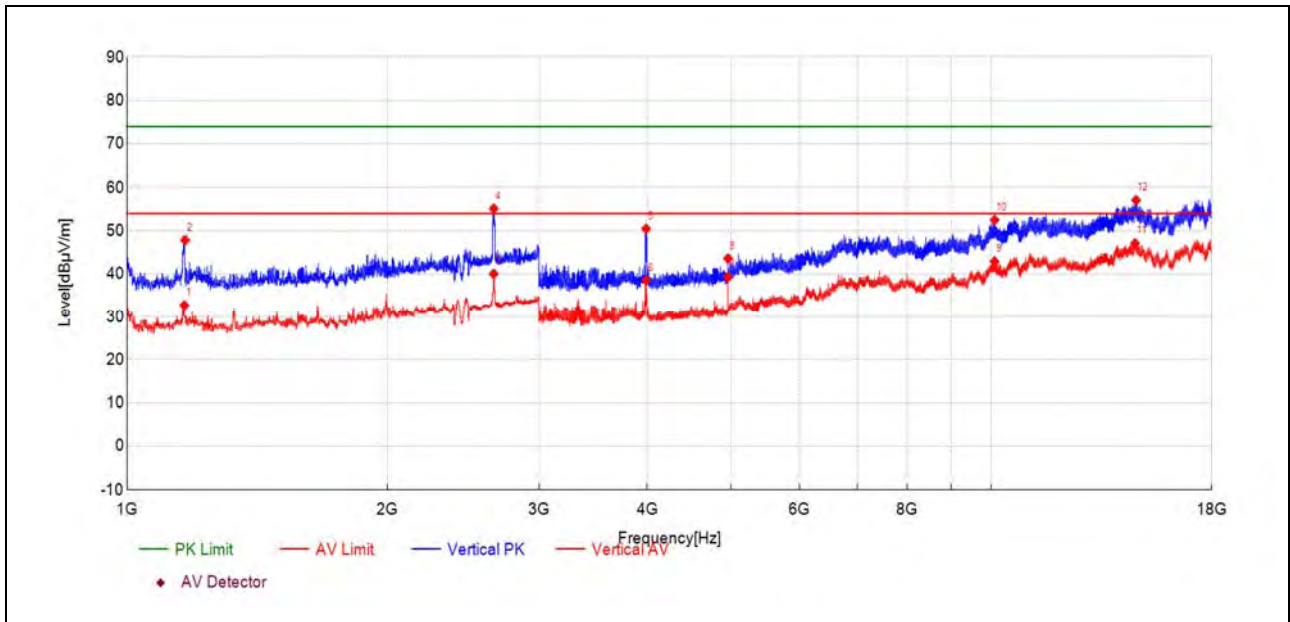
(Antenna Horizontal, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1328.47	32.5	31.65	-0.880	54.00	22.35	150	118	AV	PASS
1329.27	46.4	45.55	-0.880	74.00	28.45	150	86	PK	PASS
2480.30	41.5	47.40	5.890	-	-	150	304	PK	NA
2480.30	32.8	38.66	5.890	-	-	150	298	AV	NA
4960.34	48.1	43.45	-4.610	54.00	10.55	150	271	AV	PASS
4960.34	51.8	47.23	-4.610	74.00	26.77	150	284	PK	PASS
8017.43	34.1	39.09	4.950	54.00	14.91	150	271	AV	PASS
8080.86	44.9	49.88	4.950	74.00	24.12	150	43	PK	PASS
11533.10	39.5	53.86	14.350	74.00	20.14	150	177	PK	PASS
11542.53	29.8	44.20	14.370	54.00	9.80	150	164	AV	PASS
14678.05	26.8	47.29	20.540	54.00	6.71	150	177	AV	PASS
14707.62	36.1	56.68	20.540	74.00	17.32	150	351	PK	PASS



(Antenna Vertical, 30MHz to 1GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
42.80	59.9	31.73	-28.160	40.00	8.27	150	344	PK	PASS
61.09	56.5	27.71	-28.800	40.00	12.29	150	139	PK	PASS
107.51	60.1	30.97	-29.110	43.50	12.53	150	139	PK	PASS
195.68	60.4	31.16	-29.210	43.50	12.34	150	9	PK	PASS
274.79	60.6	34.53	-26.100	46.00	11.47	150	220	PK	PASS
801.87	44.5	29.79	-14.670	46.00	16.21	150	50	PK	PASS



(Antenna Vertical, 1GHz to 18GHz)

Fre. (MHz)	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Verdict
1165.23	34.4	32.73	-1.700	54.00	21.27	150	91	AV	PASS
1167.23	49.5	47.87	-1.660	74.00	26.13	150	108	PK	PASS
2656.73	33.8	40.05	6.260	54.00	13.95	150	74	AV	PASS
2657.13	48.9	55.14	6.270	74.00	18.86	150	135	PK	PASS
3988.31	58.5	50.47	-8.060	74.00	23.53	150	57	PK	PASS
3988.74	46.6	38.53	-8.060	54.00	15.47	150	57	AV	PASS
4960.34	43.9	39.31	-4.610	54.00	14.69	150	284	AV	PASS
4960.34	48.2	43.61	-4.610	74.00	30.39	150	272	PK	PASS
10092.20	32.2	42.91	10.700	54.00	11.09	150	32	AV	PASS
10093.92	41.8	52.53	10.700	74.00	21.47	150	44	PK	PASS
14677.62	26.6	47.12	20.540	54.00	6.88	150	44	AV	PASS
14712.76	36.6	57.08	20.490	74.00	16.92	150	351	PK	PASS

————— END OF REPORT —————