



REPORT No.: SZ23120059W03

TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : G33, C7 MAX

BRAND NAME : BLU

FCC ID : YHLBLUG33TT

STANDARD(S) : 47 CFR Part 15 Subpart C

RECEIPT DATE : 2023-12-06

TEST DATE : 2023-12-07 to 2023-12-27

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REPORT No.: SZ23120059W03

Change History		
Version	Date	Reason for change
1.0	2024-02-02	First edition

1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	No deviation
2	N/A	Duty Cycle of Test Signal	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
3	15.247(b)	Maximum Peak Conducted Output Power	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
4	15.247(b)	Maximum Average Conducted Output Power	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
5	15.247(a)	Bandwidth	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
6	15.247(d)	Conducted Spurious Emission and Band Edge	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
7	15.247(e)	Power Spectral Density	Dec. 08, 2023	Zhong Yanshan	PASS	No deviation
8	15.207	Conducted Emission	Dec. 11, 2023	Fan Zehang	PASS	No deviation
9	15.247(d)	Restricted Frequency Bands	Jan. 25, 2024	Lin Jiayong	PASS	No deviation
10	15.209, 15.247(d)	Radiated Emission	Dec. 15, 2023 Jan. 26, 2024	Li Hanbin	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in ANSIC63.10-2013 and KDB558074 D01 v05r02.

Note 2: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

Note 3: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.



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 Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2023.02.27	2024.02.26
Power Sensor	MY54180008	U2021XA	Agilent	2023.10.17	2024.10.16
Attenuator	MTJ6004-20	VAT-10+	MTJ Cooperation	N/A	N/A
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A

1.2.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2023.02.09	2024.02.08
LISN	8127449	NSLK 8127	Schwarzbeck	2023.02.21	2024.02.20
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2023.06.27	2024.06.26
RF Coaxial Cable (DC-100MHz)	BNC	MRE04	Qualwave	N/A	N/A

1.2.3 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
Morlab EMCR	Morlab	V1.2
TS+ -[JS32-CE]	Tonscend	V2.5.0.0

**1.2.4 Radiated Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY54130016	N9038A	Agilent	2023.06.21	2024.06.20
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2023.07.01	2024.06.30
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2023.06.26	2024.06.25
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2023.07.01	2024.06.30
Test Antenna – Horn	BBHA9170 #773	BBHA9170	Schwarzbeck	2023.07.01	2024.06.30
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2023.06.27	2024.06.26
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	LUCIX CORP.	2023.06.27	2024.06.26
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2023.07.04	2024.07.03
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2023.06.27	2024.06.26
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2023.06.27	2024.06.26
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2023.06.27	2024.06.26
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-K K-0.5	Qualwave	2023.07.04	2024.07.03
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-K KF-2	Qualwave	2023.07.04	2024.07.03
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-N N-5	Qualwave	2023.07.04	2024.07.03
Notch Filter	N/A	WRCG-2400-2483.5-60SS	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.05.10	2025.05.09



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
Facsimile	+86 755 36698525
FCC Designation Number	CN1192
FCC Test Firm Registration Number	226174



2. General Description

2.1. Information of Applicant and Manufacturer

Applicant	BLU Products, Inc.
Applicant Address	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA
Manufacturer	BLU Products, Inc.
Manufacturer Address	8600 NW 36th Street, Suite #300 Miami, FL 33166, USA

2.2. Information of EUT

Product Name:	Smart Phone	
Sample No.:	1#	
Hardware Version:	A507-MB-V2.9A	
Software Version:	BLU_G0894_V13.0.G.05.00_TIGO 31-10-2023	
Modulation Technology:	DSSS, OFDM	
Modulation Type:	Refer to section 1.3	
Operating Frequency Range:	802.11b/g/n (HT20): 2412MHz–2472MHz	
Antenna Type:	PIFA Antenna	
Antenna Gain:	-1.37dBi	
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C876540300L
	Serial No.:	N/A
	Capacity:	3000mAh
	Rated Voltage:	3.8V
	Charge Limit:	4.35V
	Manufacturer:	PHENIX NEW ENERGY(HUIZHOU)CO.,LTD.

Accessory Information:	Adaptor	
	Brand Name:	BLU
	Model No.:	US-TY-1000
	Serial No.:	N/A
	Rated Output:	5V $\pm$ 1000mA
	Rated Input:	100-240V $\sim$ 50/60Hz, 0.3A
	Manufacturer:	SHENZHEN TIANYIN ELECTRONICS CO., LTD.

Note 1: According to the certificate holder, they declared that the models G33, C7 MAX only the model names are different for trading purpose, everything else is the same. The main measuring model is G33, only the results for G33 were recorded in this report.

Note 2: We use the dedicated software to control the EUT continuous transmission.

Note 3: 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

Test Mode	Channel	Frequency (MHz)	Channel	Frequency (MHz)
802.11b/g/n (HT20)	1	2412	8	2447
	2	2417	9	2452
	3	2422	10	2457
	4	2427	11	2462
	5	2432	12	2467
	6	2437	13	2472
	7	2442		

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

2.4. Test Configuration of EUT

2.4.1. Modulation Type and Data Rate of EUT

Modulation technology	Modulation Type	Data Rate (Mbps) ^{Note1}
DSSS (802.11b)	DBPSK	1
	DQPSK	2
	CCK	5.5/ 11
OFDM (802.11g)	BPSK	6 / 9
	QPSK	12 / 18
	16QAM	24 / 36
	64QAM	48 / 54
OFDM (802.11n (HT20))	BPSK	6.5
	QPSK	13/19.5
	16QAM	26/39
	64QAM	52/58.5/65

Note1: The worst-case mode (bold face) in all data rates has been determined during the pre-scan, only the test data of the worst-case were recorded in this report.

Note2: The RF signal transmission of EUT is controlled by the build-in engineering mode which is provided by the manufacturer. The recorded power setting value is the maximum that the engineering mode has configuration during testing.

2.5. Test Conditions

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

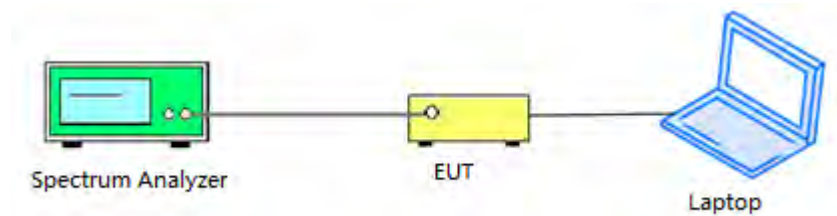
2.6. Test Setup Layout Diagram

2.6.1. Conducted Measurement

Power item



Other items



2.6.2. Conducted Emission Measurement



2.6.3.Radiation Measurement

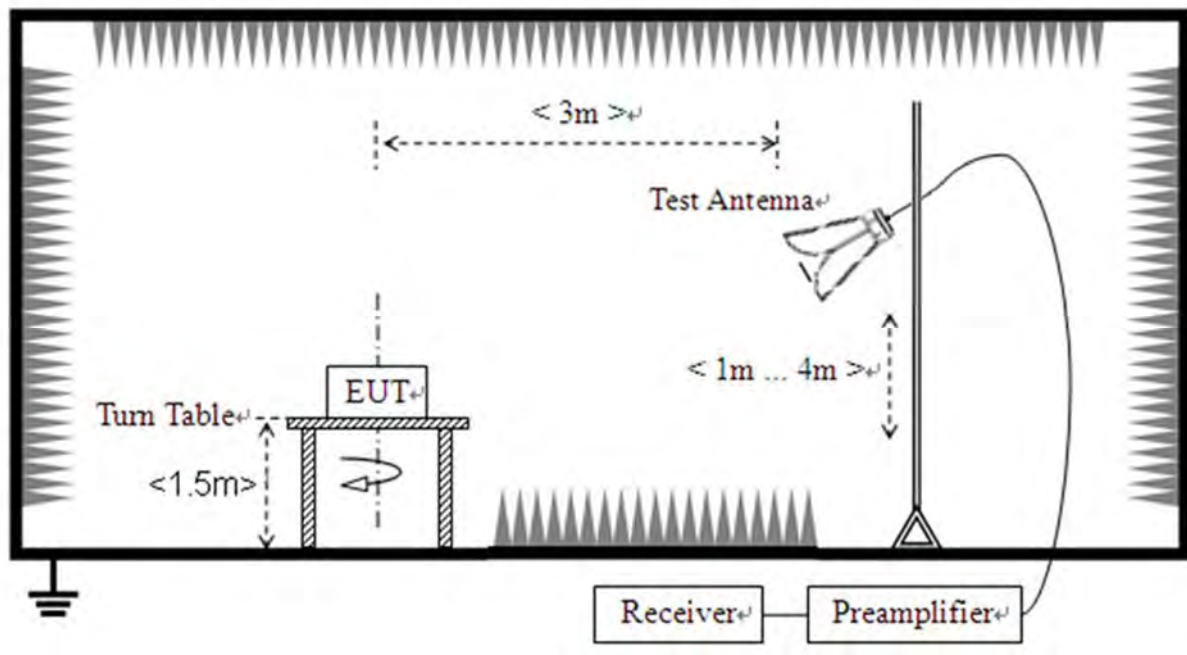
1) For radiated emissions from 9kHz to 30MHz



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

Inside of the EUT has a PIFA antenna coupled with the metal shrapnel. Please refer to the EUT internal photos.



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 and Average 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 conducted output power of the intentional radiator shall not exceed 1 Watt.

3.3.2. Test Procedures

The EUT (Equipment under the test) which is coupled to the USB Wideband Power Sensor; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

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 and A.3 in this report.



3.4.6 dB Bandwidth

3.4.1.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.

3.4.1.Test Procedures

KDB 558074 Section 8.2 was used in order to prove compliance.

3.4.2.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.3.Test Result

Refer to Annex A.4 in this report.



3.5. Conducted Spurious Emissions and Band Edge

3.5.1. 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.

3.5.2. Test Procedures

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

3.5.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.5.4. Test Result

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



3.6. Power Spectral Density

3.6.1. 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.

3.6.2. 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 30kHz
- d) Set VBW to 100kHz
- 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 and recorded as PD
- j) Use below formula to calculate the Conducted PSD value that at specified RBW:

Conducted PSD = PD - 10lg(30k/3k)

3.6.3. Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.6.4. Test Result

Refer to Annex A.7 in this report.

3.7. Conducted Emission

3.7.1. 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.

3.7.2. 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.

3.7.3. Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.7.4. Test Result

Refer to Annex A.8 in this report.



3.8. Restricted Frequency Bands

3.8.1. 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).

3.8.2. 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

3.8.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.8.4. Test Result

Refer to Annex A.9 in this report.



3.9. Radiated Emission

3.9.1. 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 ($\mu\text{V/m}$)	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).



3.9.2. 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 3 meters. 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.

3.9.3. Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.9.4. Test Result

Refer to Annex A.10 in this report.



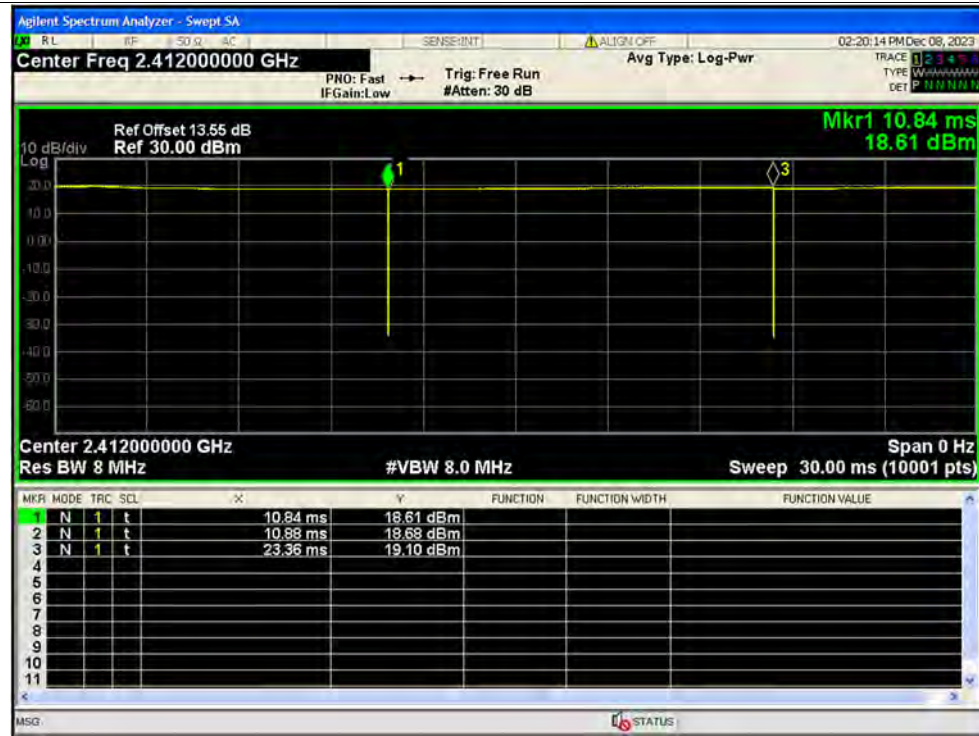
Annex A Test Data and Result

A.1. Duty Cycle of Test Signal

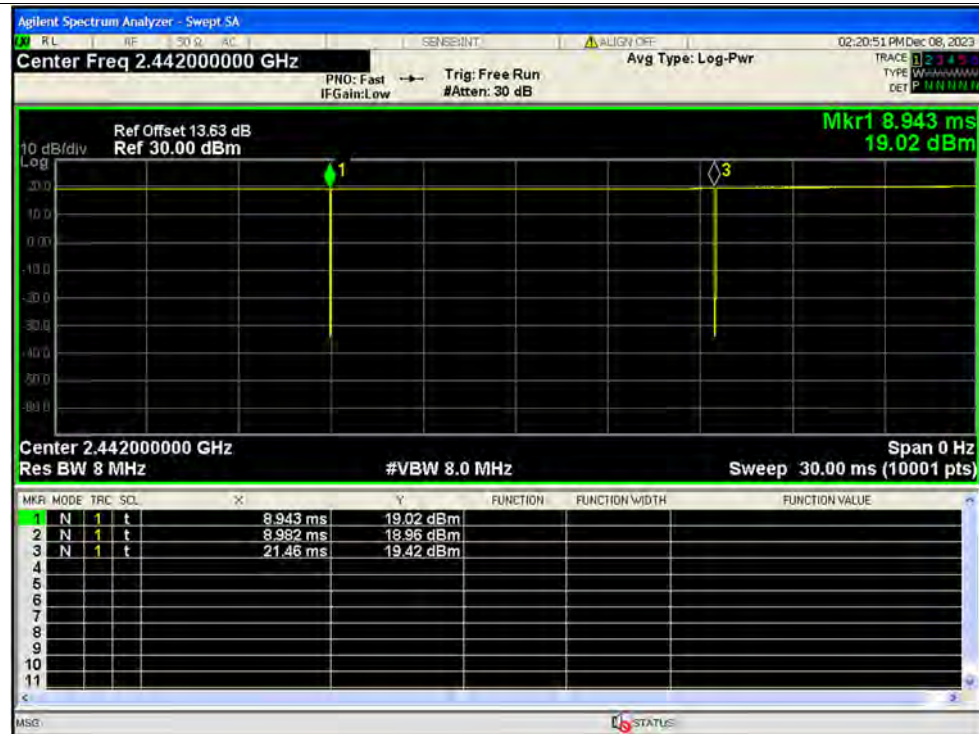
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.69	0.01	0.08
NVNT	b	2442	Ant1	99.69	0.01	0.08
NVNT	b	2472	Ant1	99.69	0.01	0.08
NVNT	g	2412	Ant1	98.48	0.07	0.48
NVNT	g	2442	Ant1	98.48	0.07	0.48
NVNT	g	2472	Ant1	98.02	0.09	0.48
NVNT	n20	2412	Ant1	97.87	0.09	0.52
NVNT	n20	2442	Ant1	98.27	0.08	0.52
NVNT	n20	2472	Ant1	97.77	0.1	0.52

Test Graphs

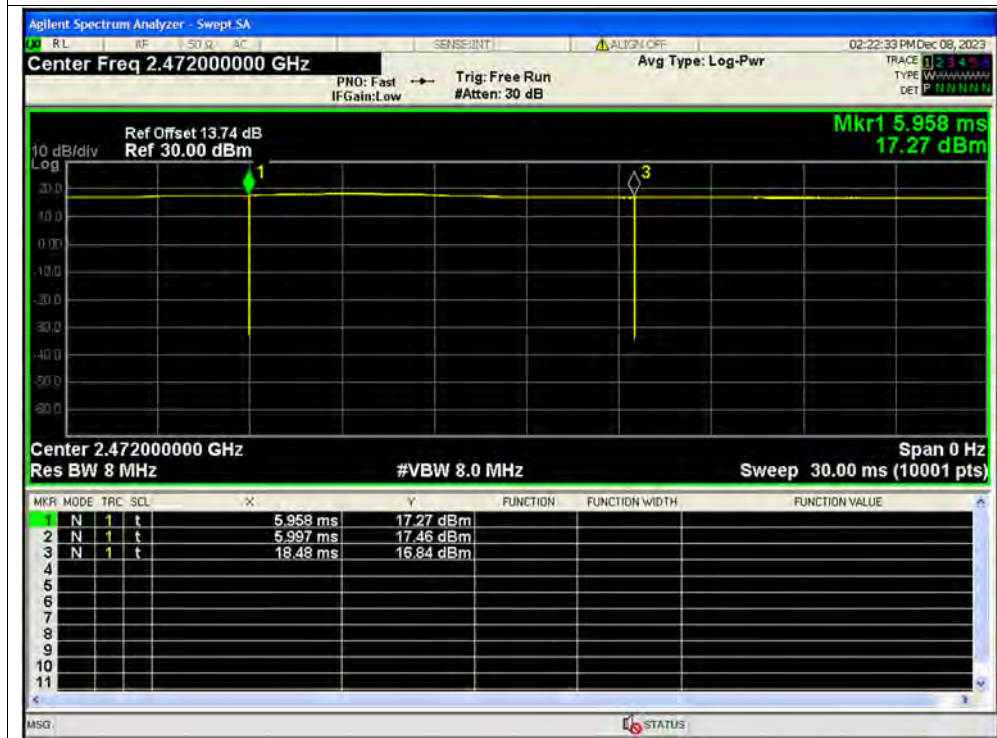
Duty Cycle NVNT b 2412MHz Ant1



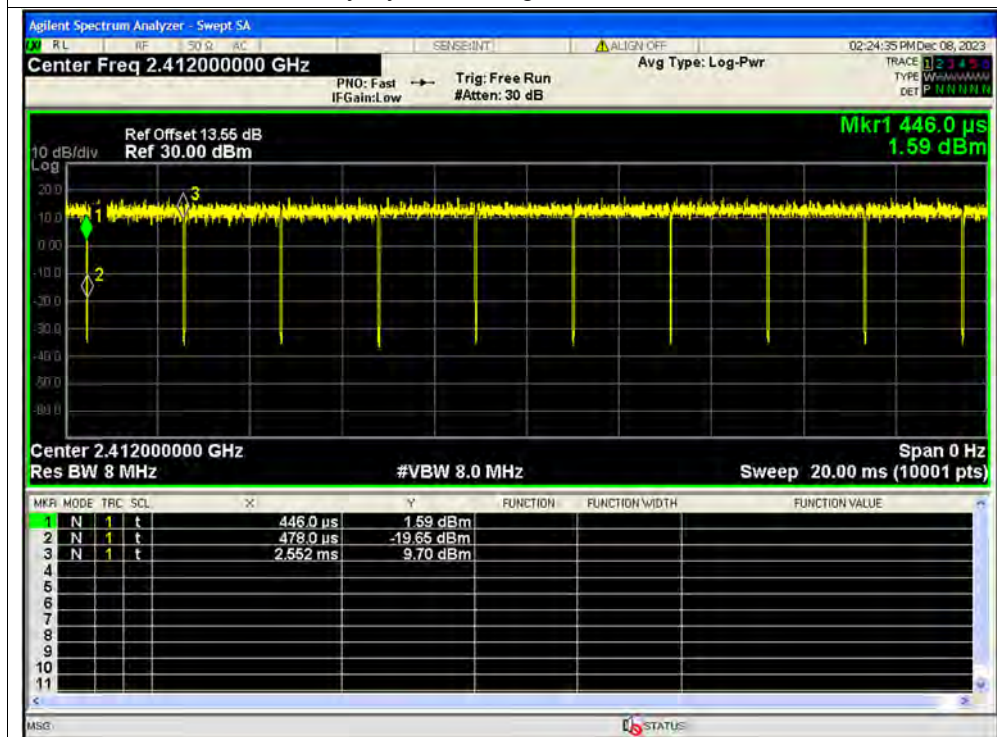
Duty Cycle NVNT b 2442MHz Ant1



Duty Cycle NVNT b 2472MHz Ant1

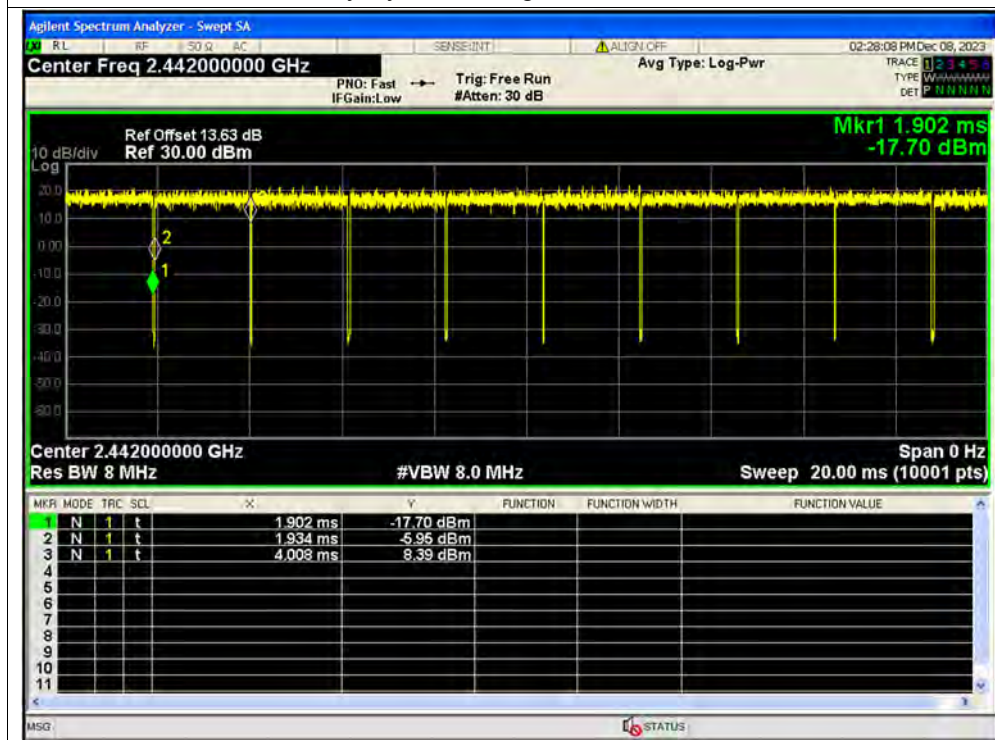


Duty Cycle NVNT g 2412MHz Ant1

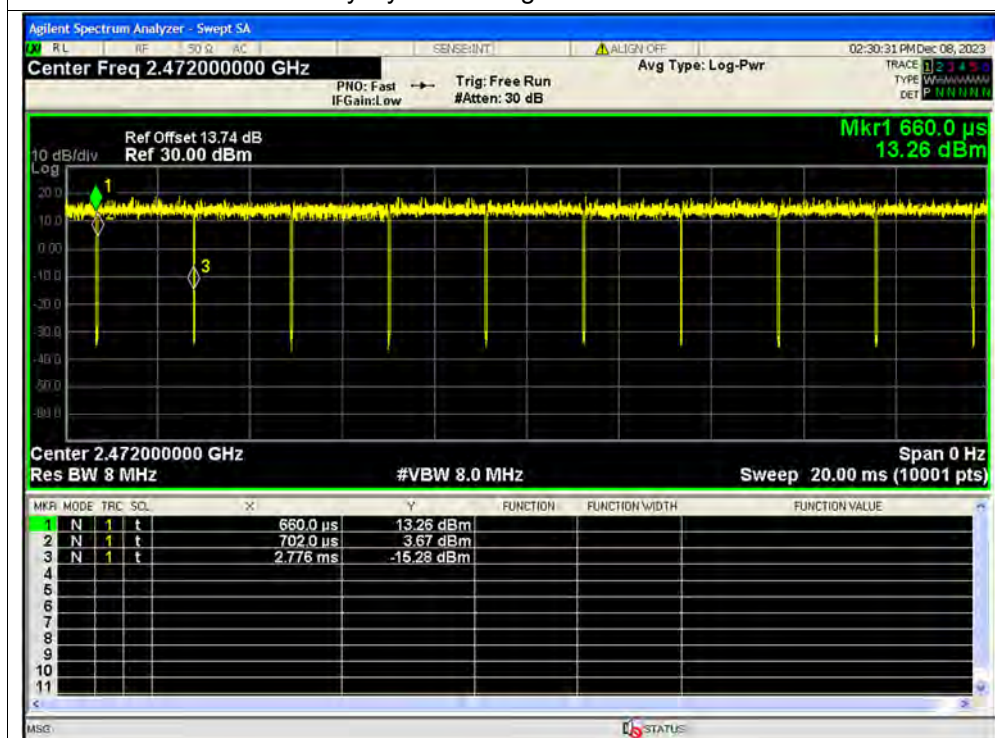




Duty Cycle NVNT g 2442MHz Ant1

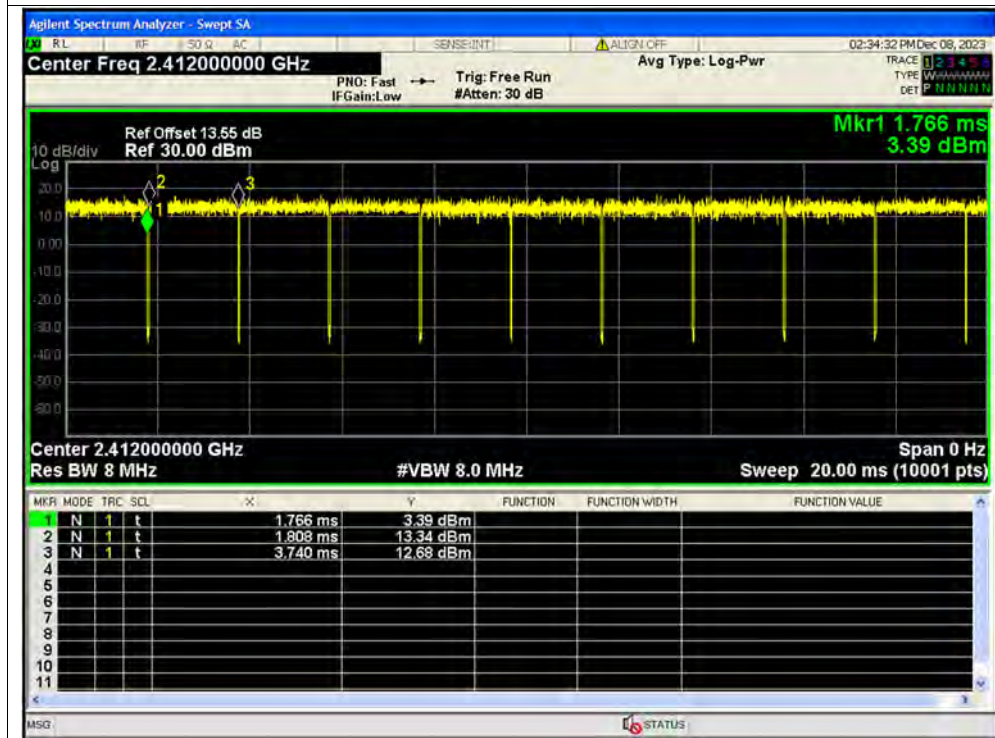


Duty Cycle NVNT g 2472MHz Ant1

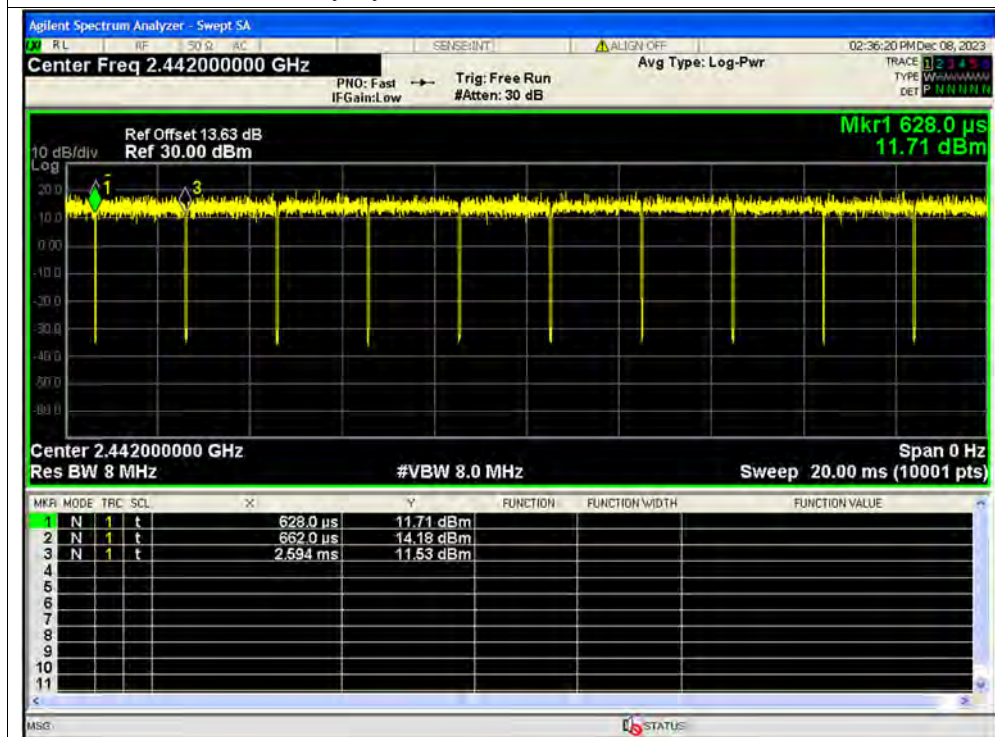




Duty Cycle NVNT n20 2412MHz Ant1

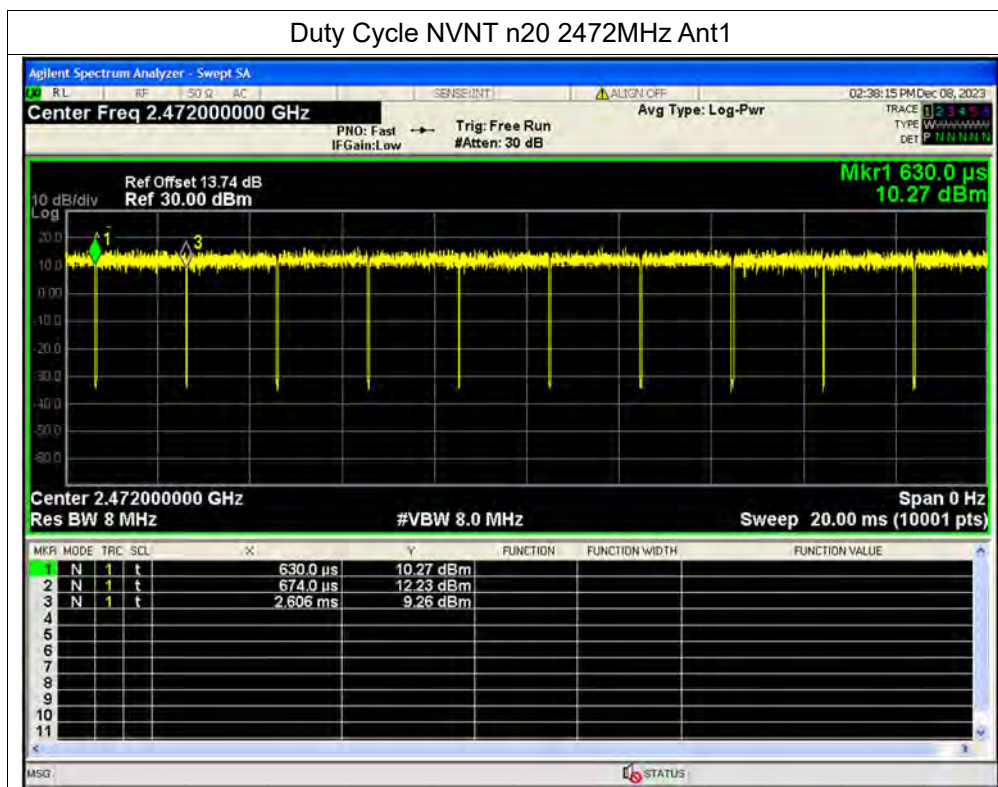


Duty Cycle NVNT n20 2442MHz Ant1





Duty Cycle NVNT n20 2472MHz Ant1

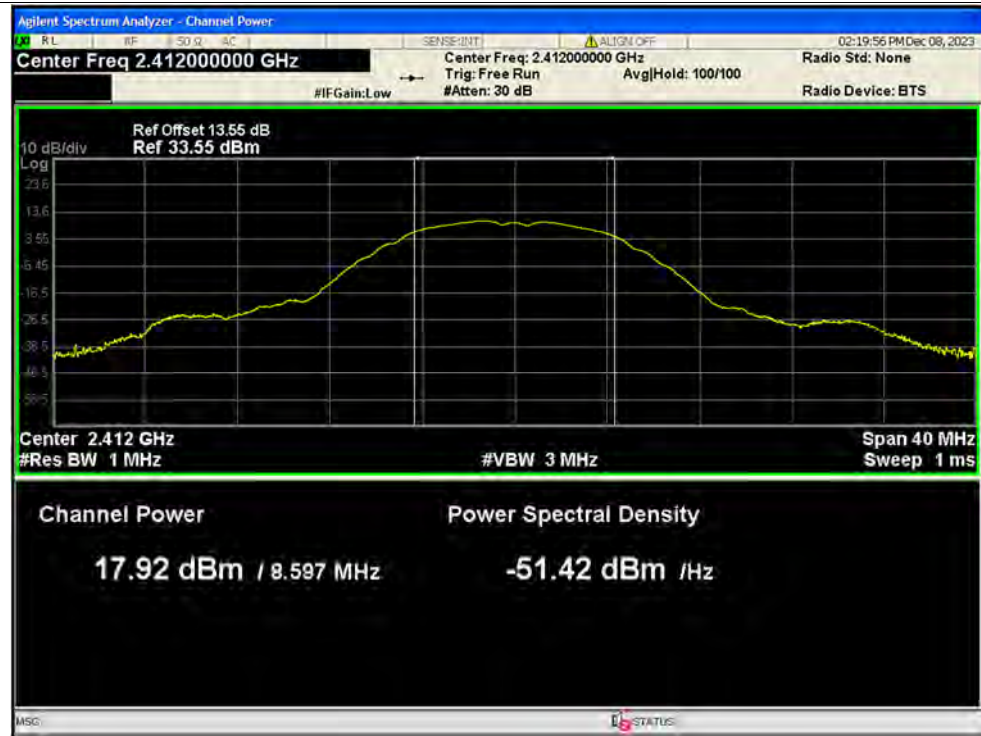


**A.2. Maximum Peak Conducted Output Power**

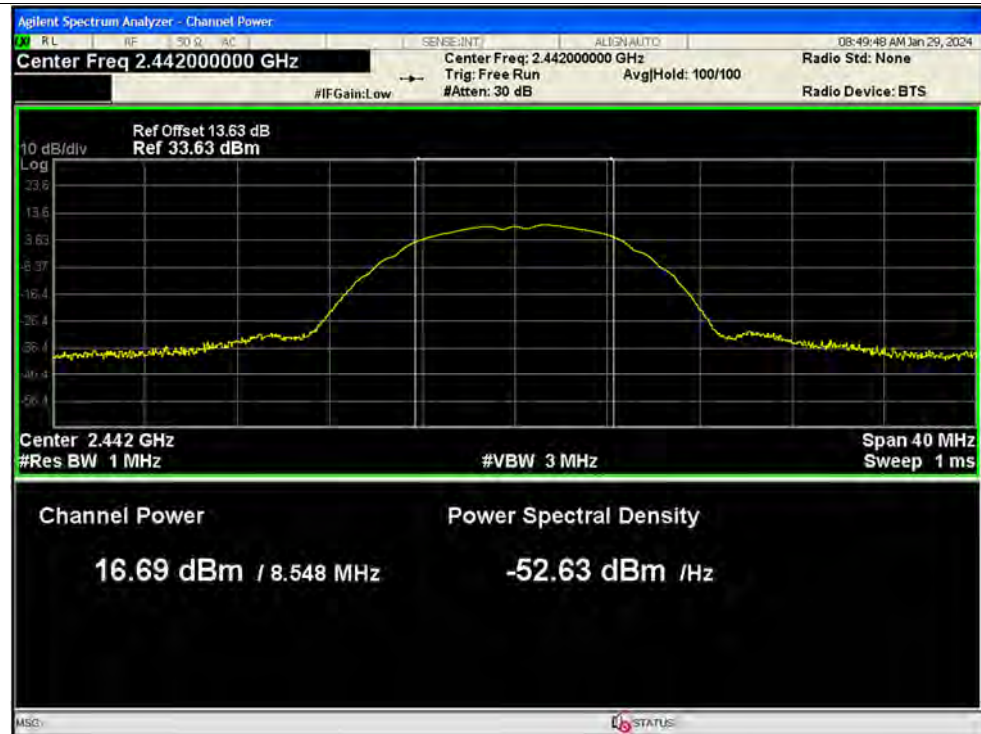
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	b	2412	Ant1	17.92	0	17.92	0.06194	30	Pass
NVNT	b	2442	Ant1	16.69	0	16.69	0.04667	30	Pass
NVNT	b	2472	Ant1	12.25	0	12.25	0.01679	30	Pass
NVNT	g	2412	Ant1	21.11	0	21.11	0.12912	30	Pass
NVNT	g	2442	Ant1	21.68	0	21.68	0.14723	30	Pass
NVNT	g	2472	Ant1	16	0	16	0.03981	30	Pass
NVNT	n20	2412	Ant1	18.47	0	18.47	0.07031	30	Pass
NVNT	n20	2442	Ant1	19.14	0	19.14	0.08204	30	Pass
NVNT	n20	2472	Ant1	16.43	0	16.43	0.04395	30	Pass

Test Graphs

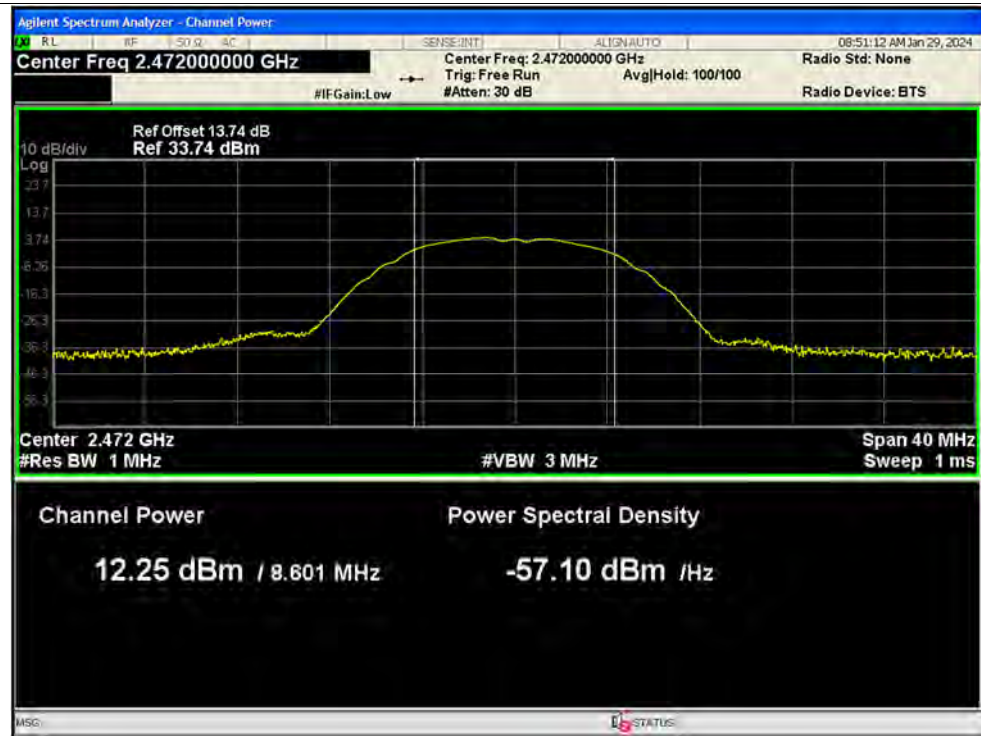
Peak Power NVNT b 2412MHz Ant1



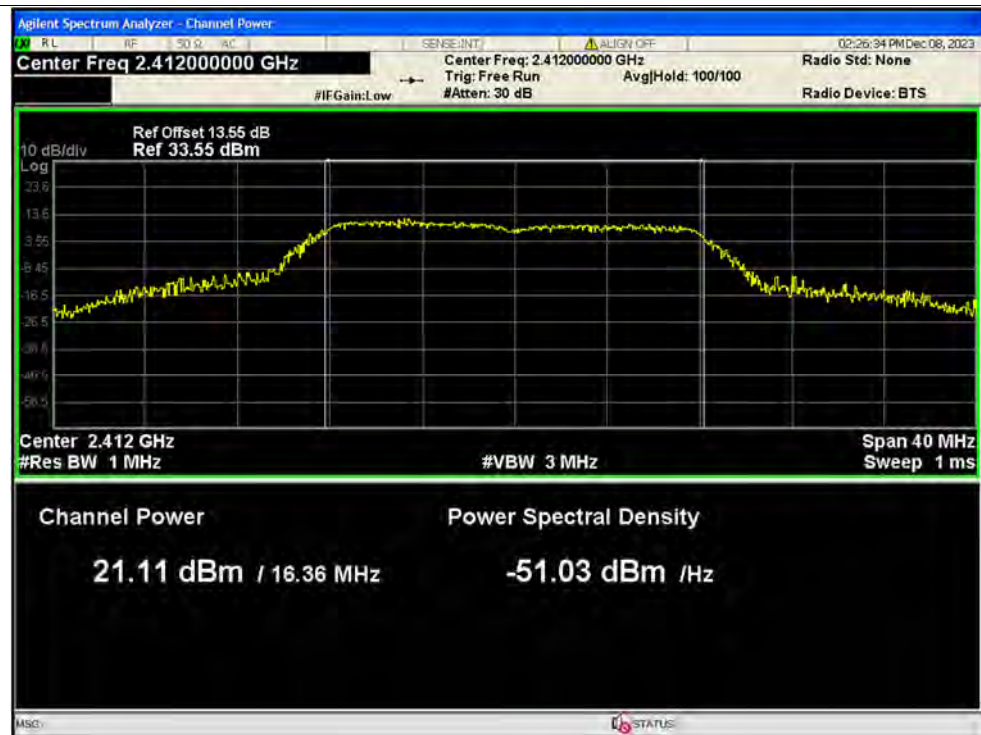
Peak Power NVNT b 2442MHz Ant1



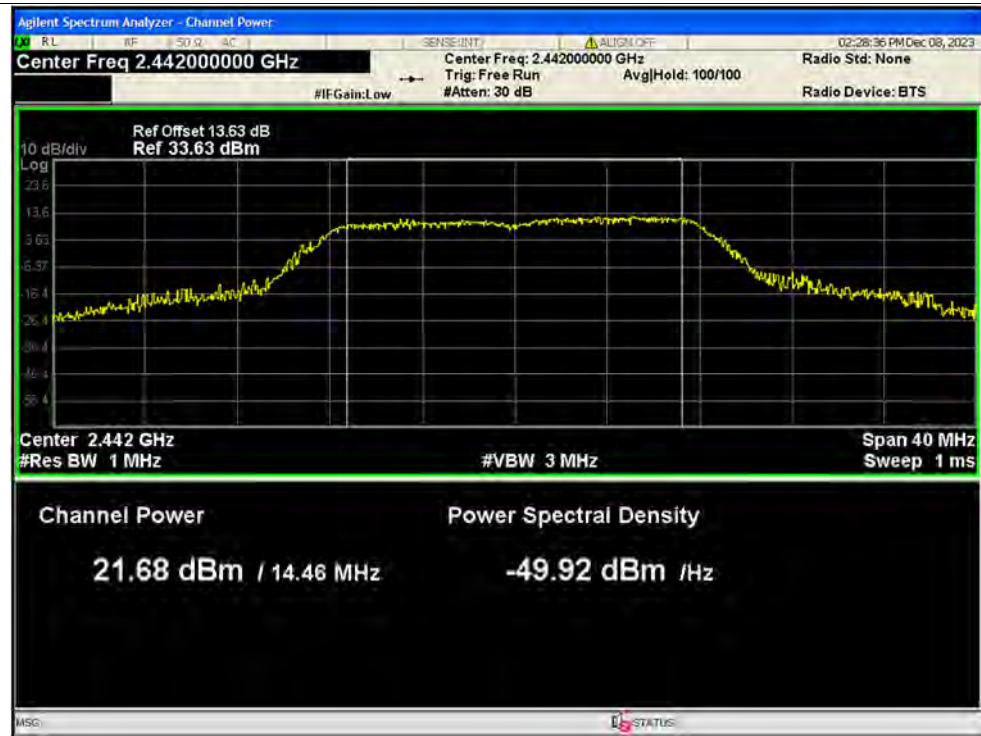
Peak Power NVNT b 2472MHz Ant1



Peak Power NVNT g 2412MHz Ant1



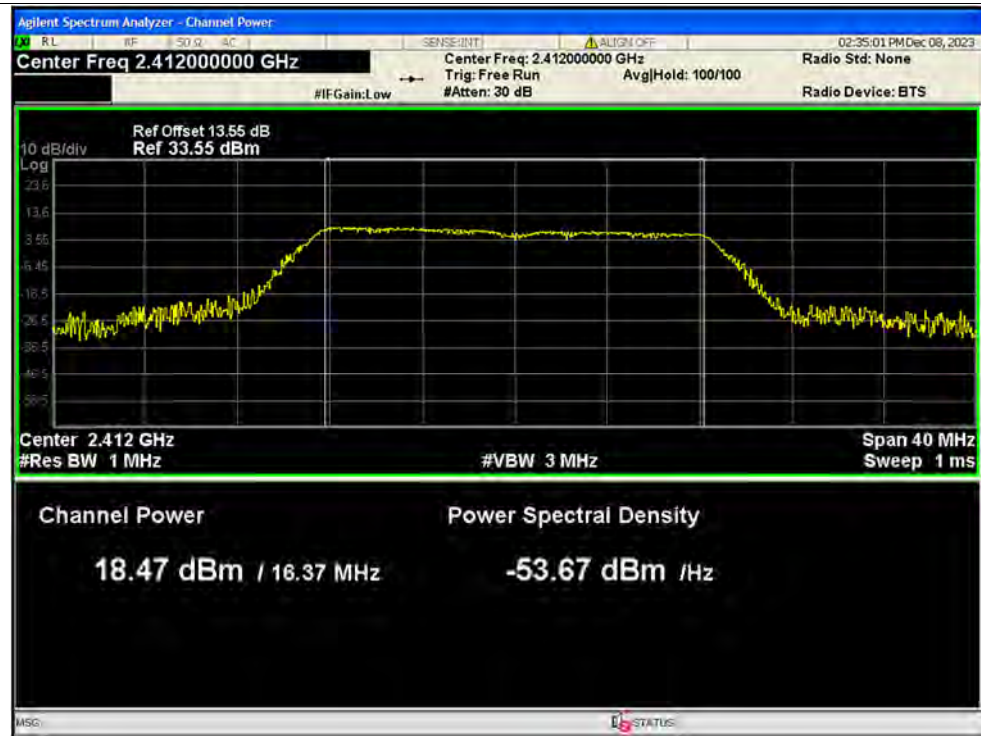
Peak Power NVNT g 2442MHz Ant1



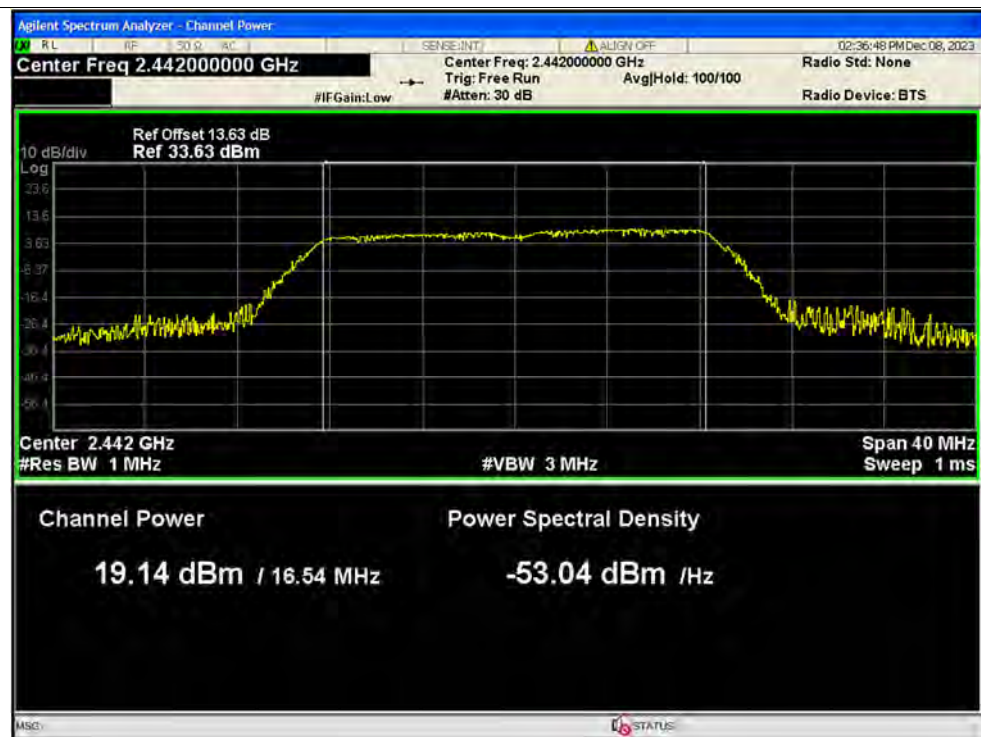
Peak Power NVNT g 2472MHz Ant1



Peak Power NVNT n20 2412MHz Ant1

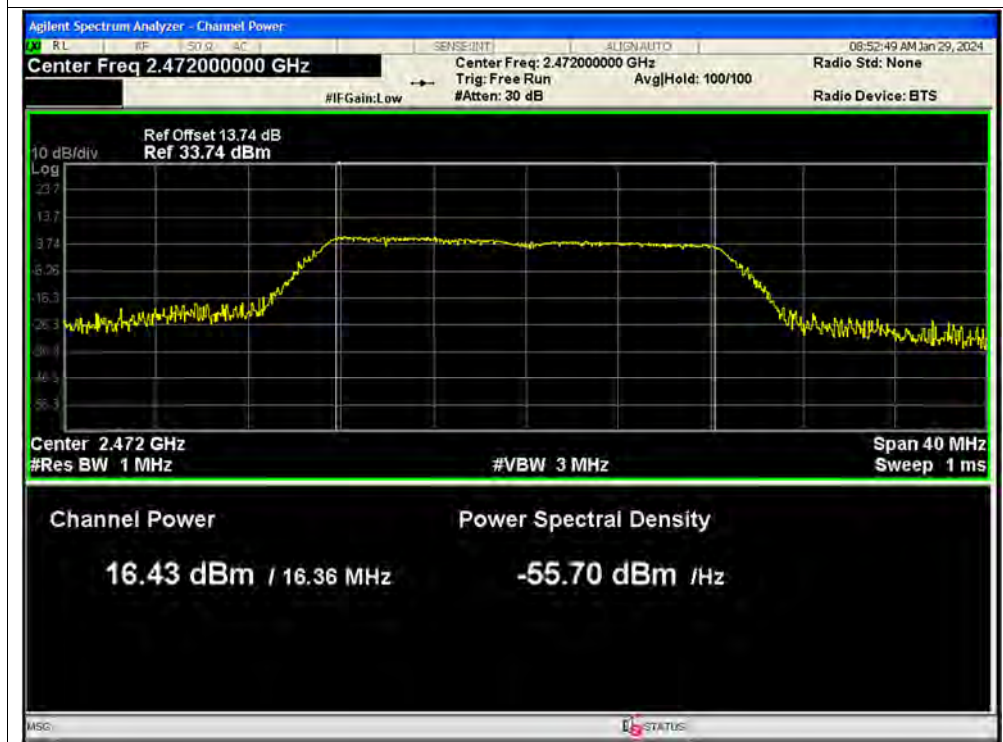


Peak Power NVNT n20 2442MHz Ant1





Peak Power NVNT n20 2472MHz Ant1



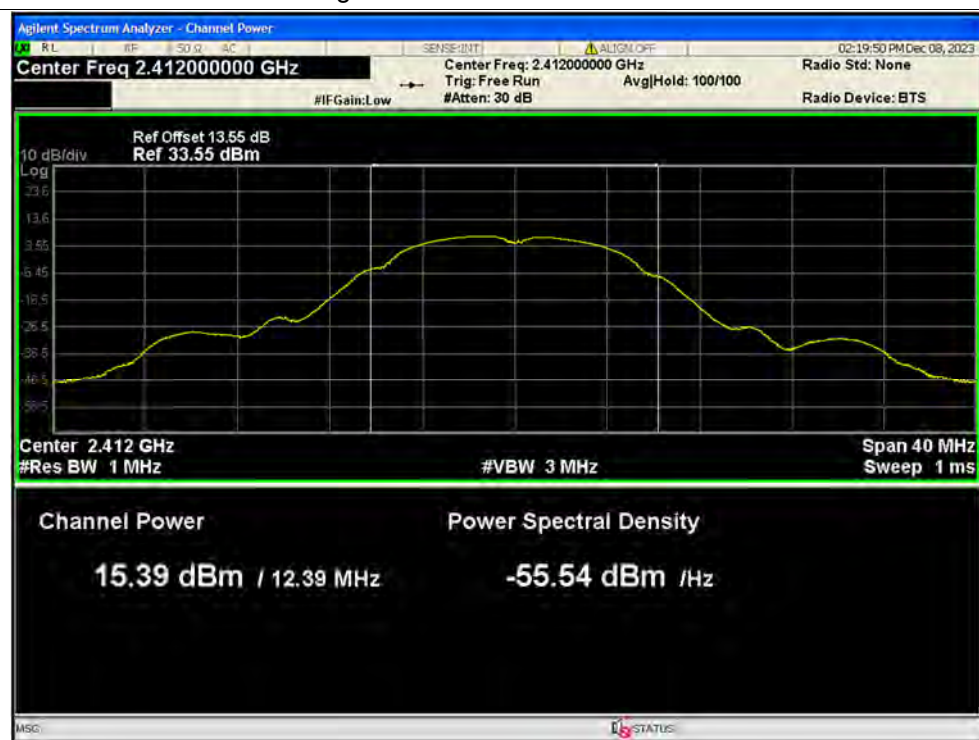
**A.3. Maximum Average Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	b	2412	Ant1	15.39	0.01	15.4	0.03467	30	Pass
NVNT	b	2442	Ant1	14	0.01	14.01	0.02518	30	Pass
NVNT	b	2472	Ant1	9.74	0.01	9.75	0.00944	30	Pass
NVNT	g	2412	Ant1	13.91	0.07	13.98	0.025	30	Pass
NVNT	g	2442	Ant1	13.84	0.07	13.91	0.0246	30	Pass
NVNT	g	2472	Ant1	9.3	0.09	9.39	0.00869	30	Pass
NVNT	n20	2412	Ant1	11.31	0.09	11.4	0.0138	30	Pass
NVNT	n20	2442	Ant1	11.81	0.08	11.89	0.01545	30	Pass
NVNT	n20	2472	Ant1	9.19	0.1	9.29	0.00849	30	Pass

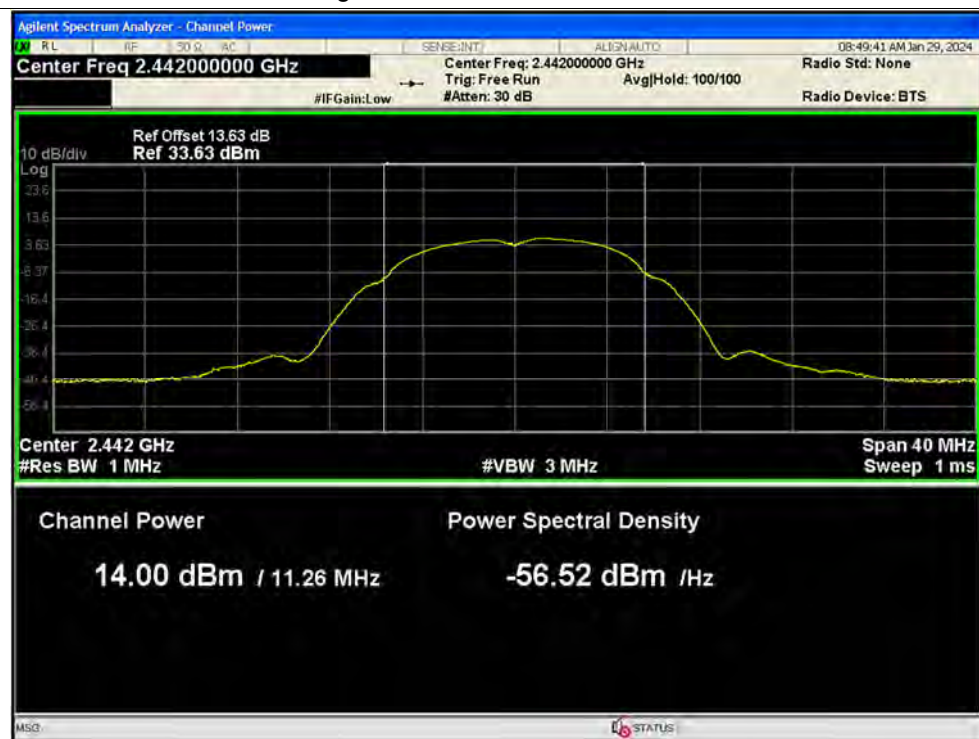


Test Graphs

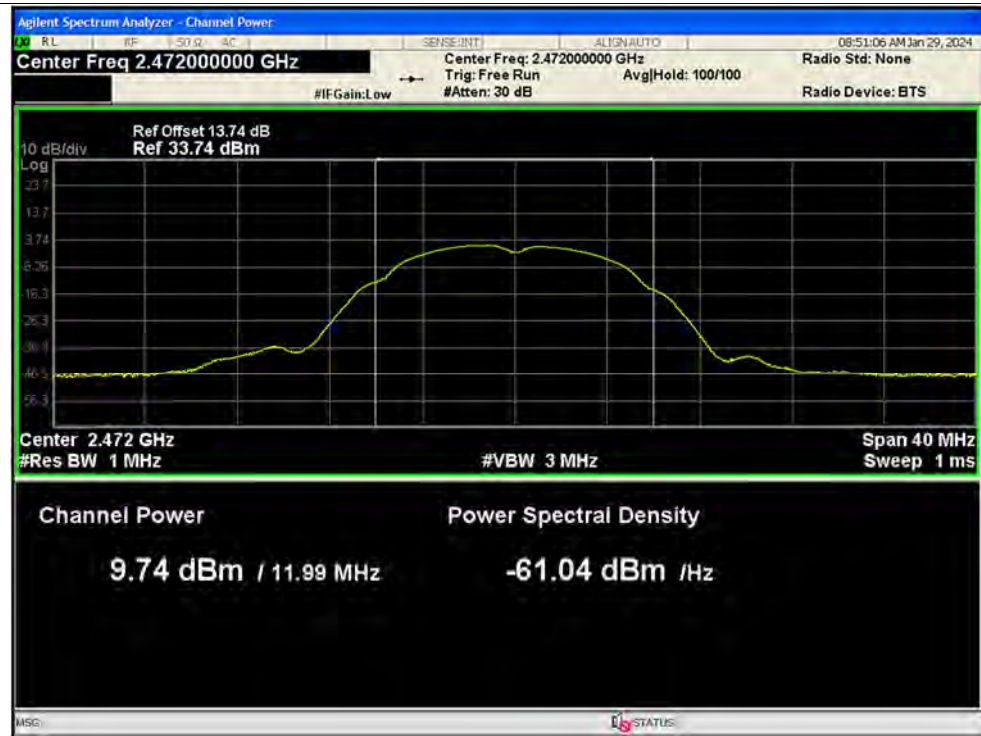
Average Power NVNT b 2412MHz Ant1



Average Power NVNT b 2442MHz Ant1



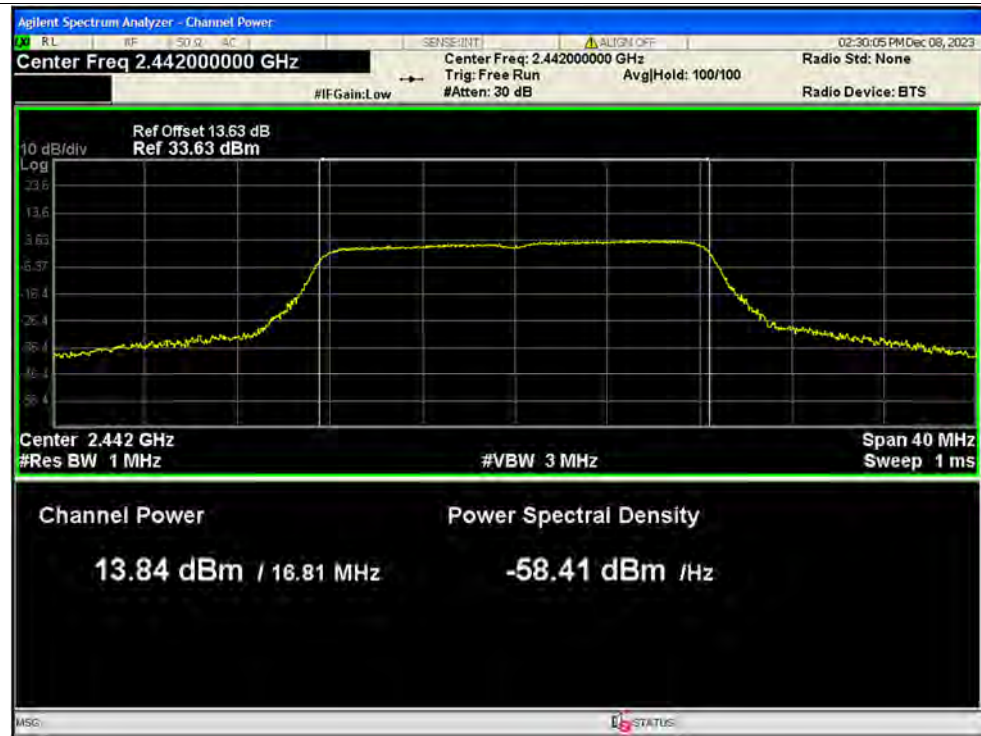
Average Power NVNT b 2472MHz Ant1



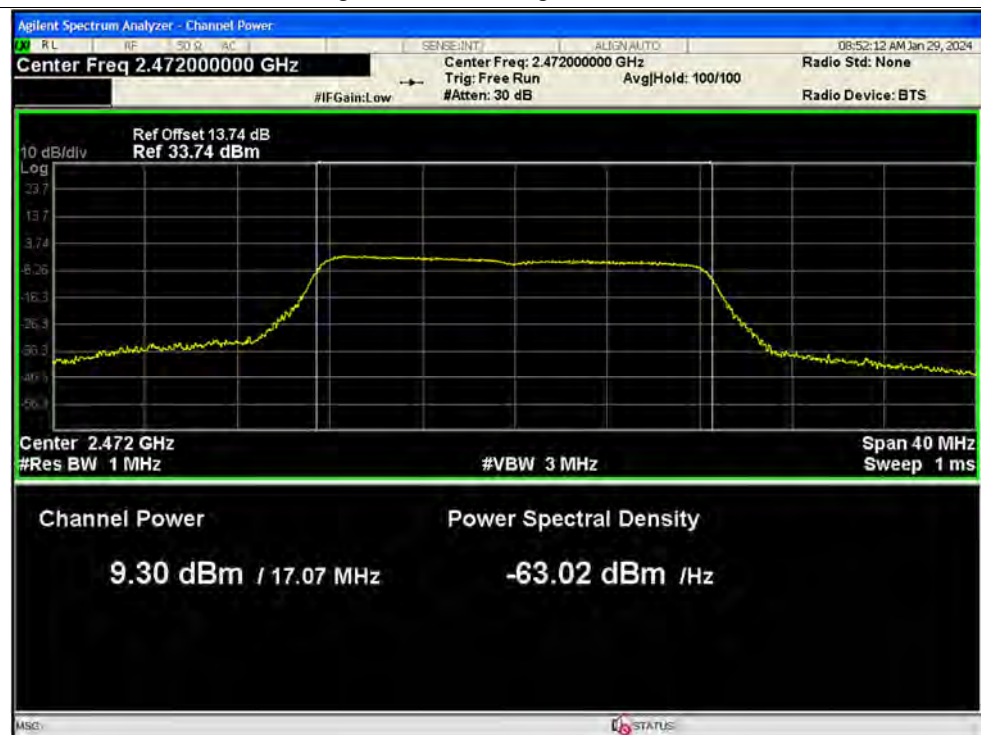
Average Power NVNT g 2412MHz Ant1



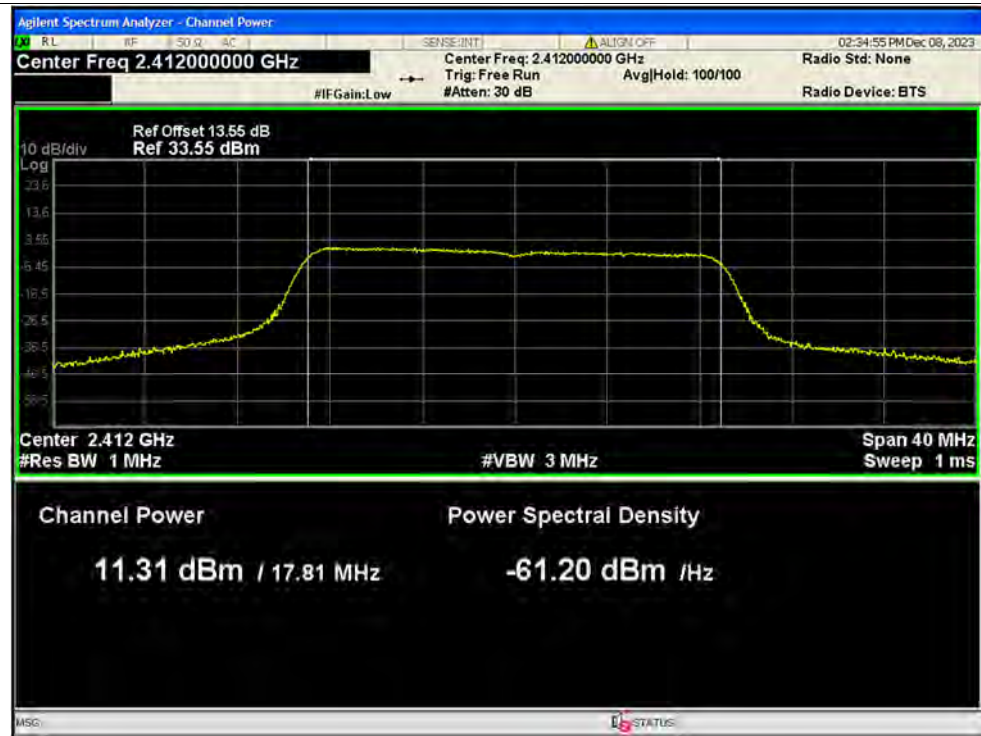
Average Power NVNT g 2442MHz Ant1



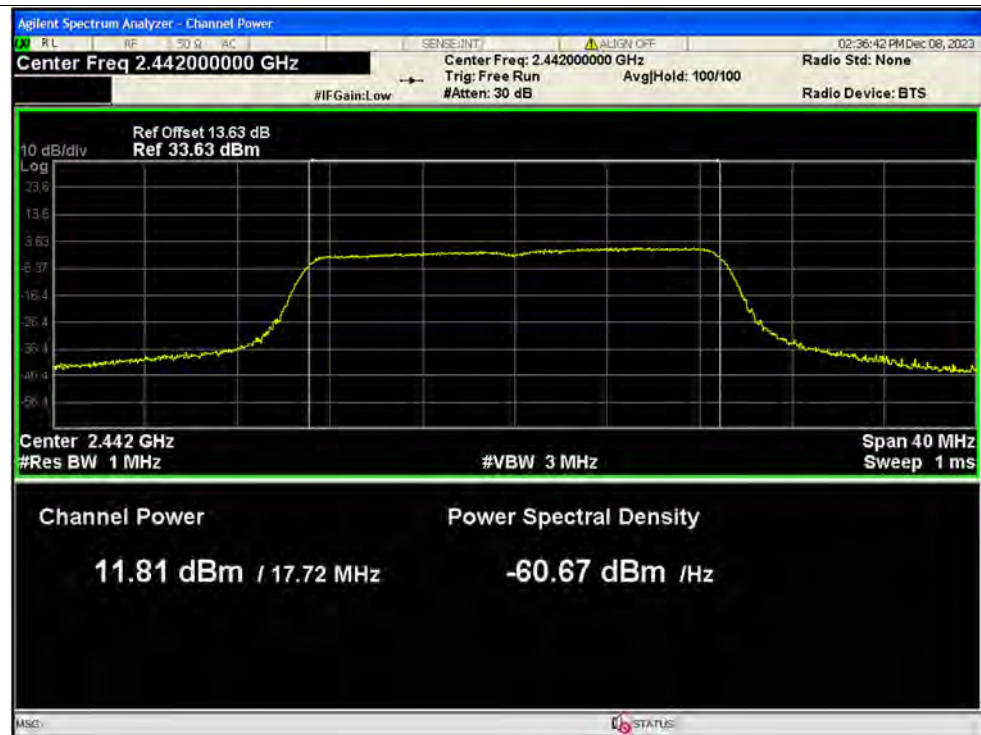
Average Power NVNT g 2472MHz Ant1



Average Power NVNT n20 2412MHz Ant1

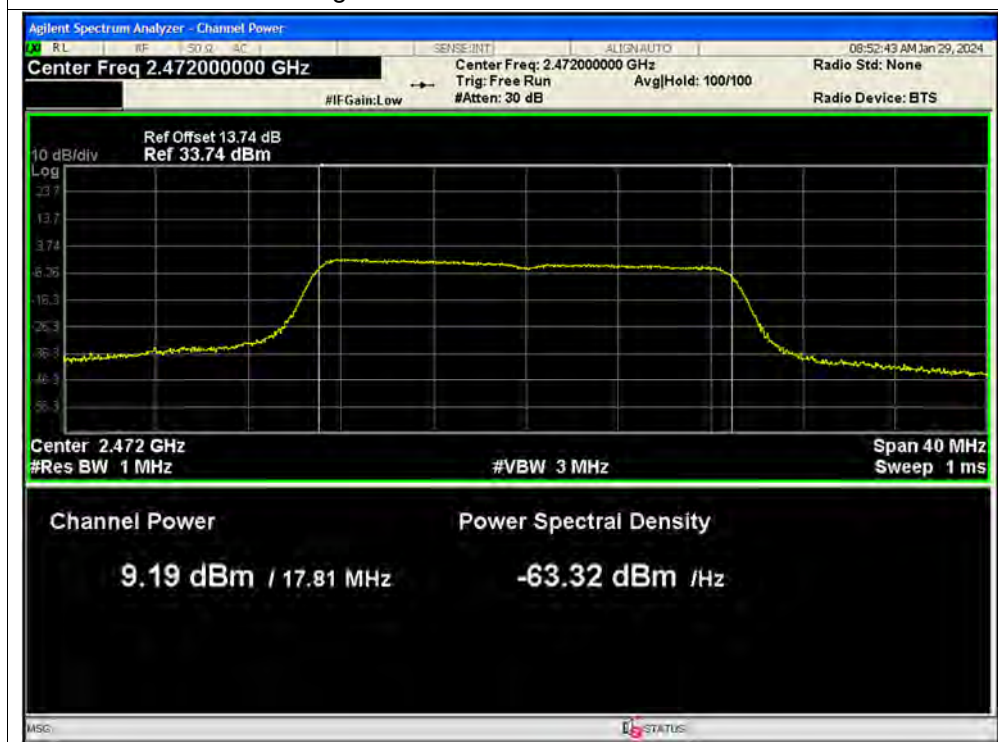


Average Power NVNT n20 2442MHz Ant1





Average Power NVNT n20 2472MHz Ant1



**A.4. 6 dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.597	0.5	Pass
NVNT	b	2442	Ant1	8.548	0.5	Pass
NVNT	b	2472	Ant1	8.601	0.5	Pass
NVNT	g	2412	Ant1	16.358	0.5	Pass
NVNT	g	2442	Ant1	14.459	0.5	Pass
NVNT	g	2472	Ant1	14.425	0.5	Pass
NVNT	n20	2412	Ant1	16.368	0.5	Pass
NVNT	n20	2442	Ant1	16.539	0.5	Pass
NVNT	n20	2472	Ant1	16.357	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



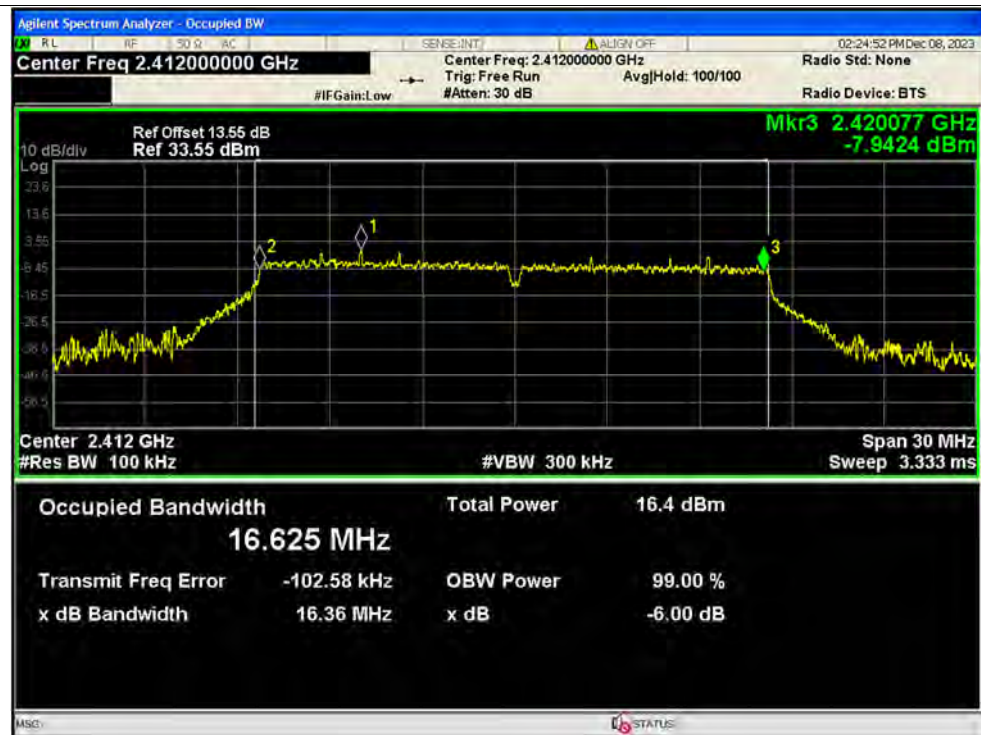
-6dB Bandwidth NVNT b 2442MHz Ant1



-6dB Bandwidth NVNT b 2472MHz Ant1



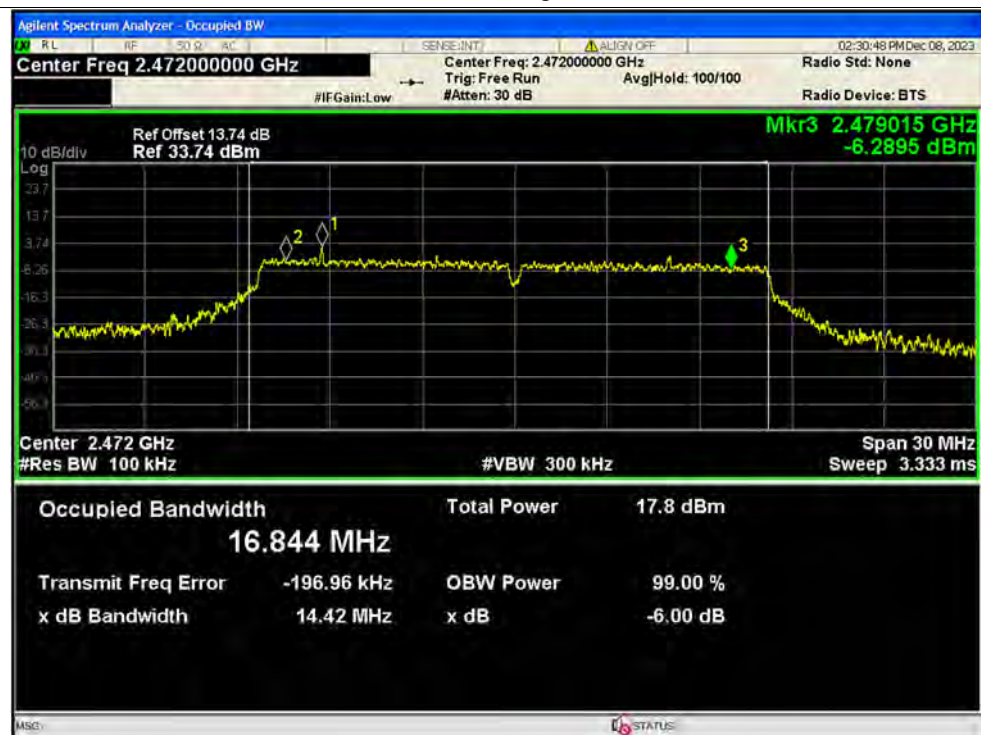
-6dB Bandwidth NVNT g 2412MHz Ant1



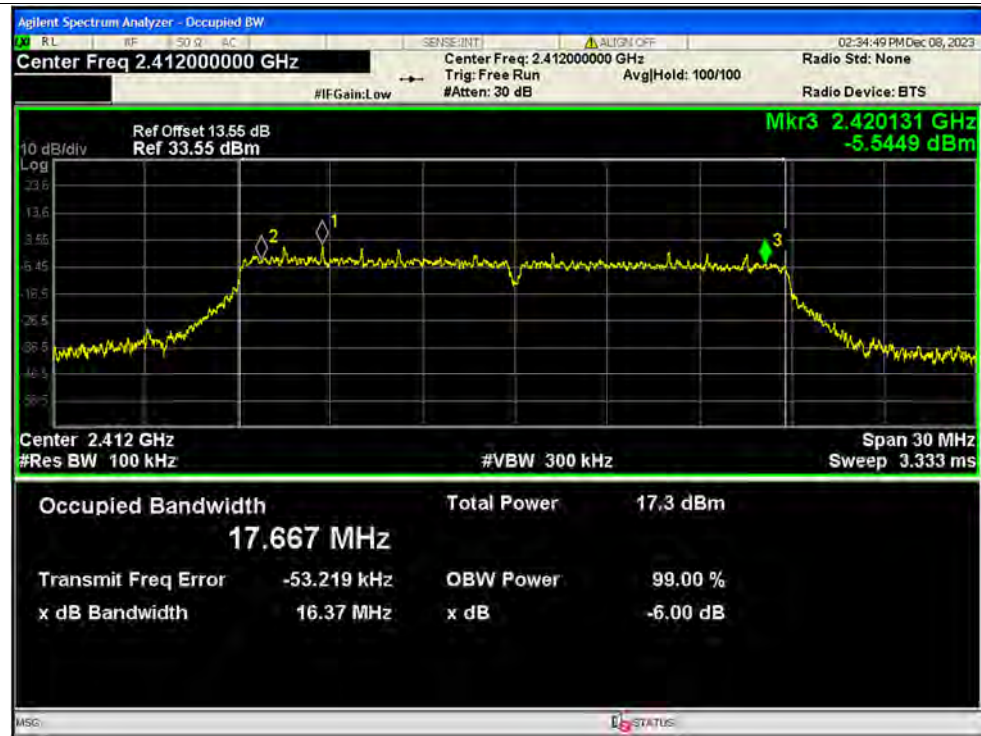
-6dB Bandwidth NVNT g 2442MHz Ant1



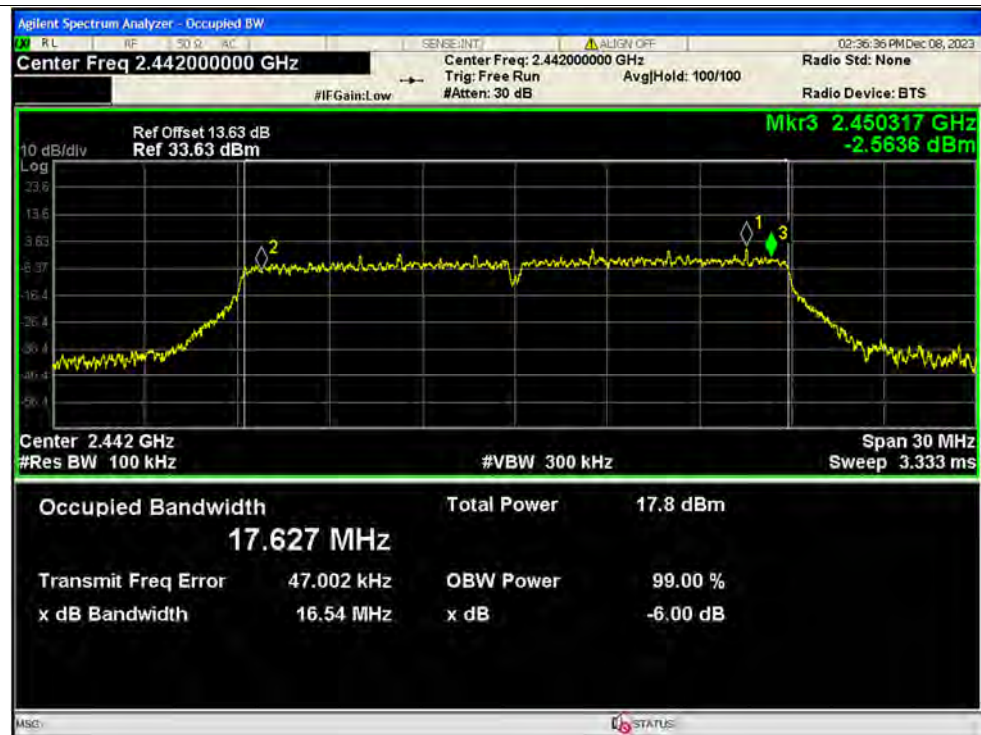
-6dB Bandwidth NVNT g 2472MHz Ant1



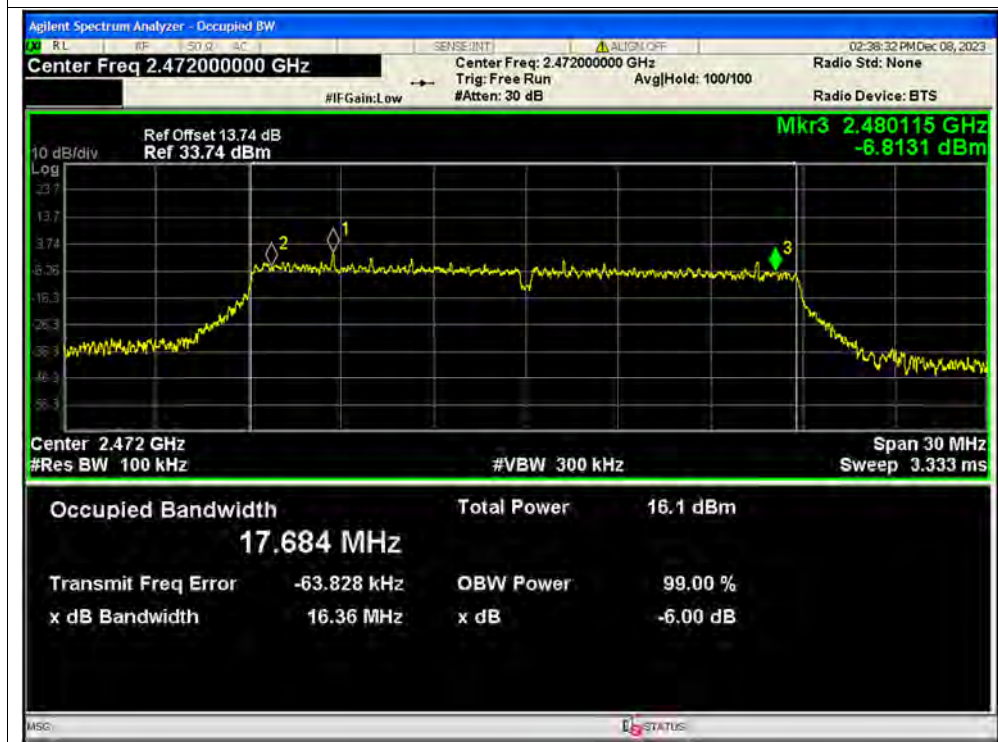
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2442MHz Ant1



-6dB Bandwidth NVNT n20 2472MHz Ant1



**A.5. Conducted Spurious Emissions**

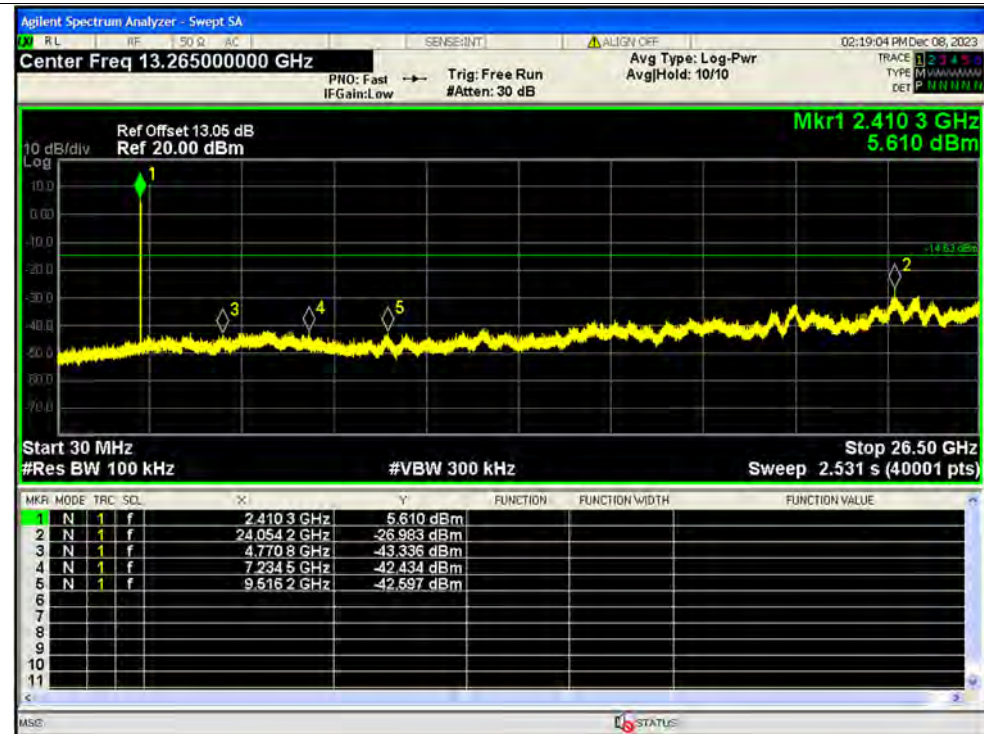
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-32.36	-20	Pass
NVNT	b	2442	Ant1	-35.96	-20	Pass
NVNT	b	2472	Ant1	-32.86	-20	Pass
NVNT	g	2412	Ant1	-32.55	-20	Pass
NVNT	g	2442	Ant1	-31.90	-20	Pass
NVNT	g	2472	Ant1	-29.83	-20	Pass
NVNT	n20	2412	Ant1	-29.14	-20	Pass
NVNT	n20	2442	Ant1	-29.60	-20	Pass
NVNT	n20	2472	Ant1	-28.39	-20	Pass

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



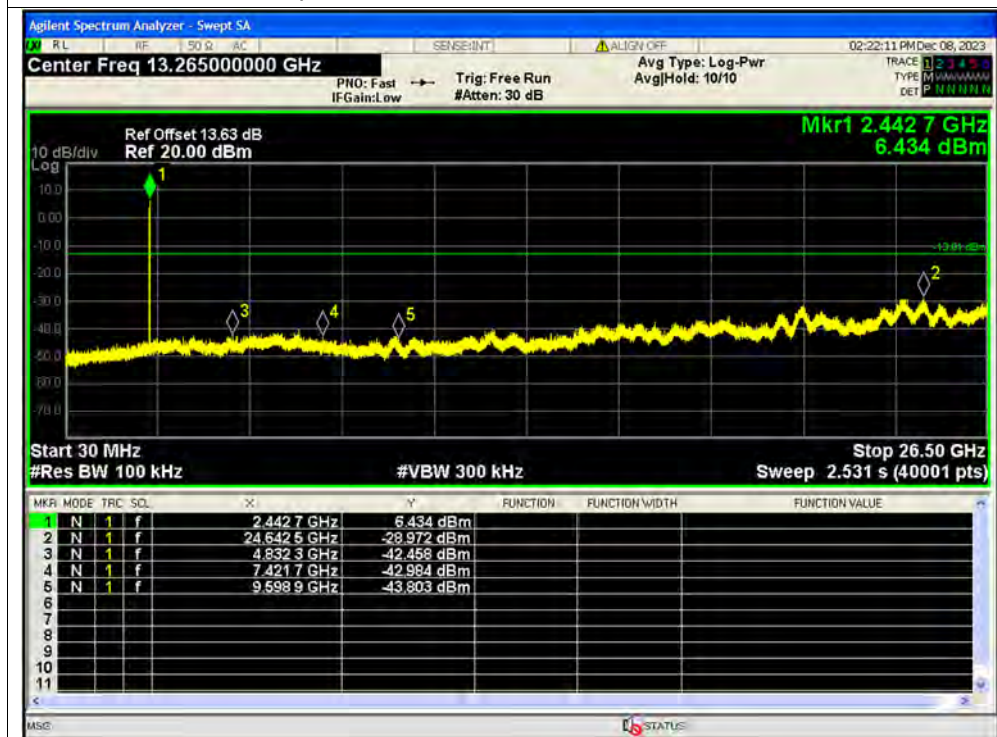
Tx. Spurious NVNT b 2412MHz Ant1 Emission



Tx. Spurious NVNT b 2442MHz Ant1 Ref



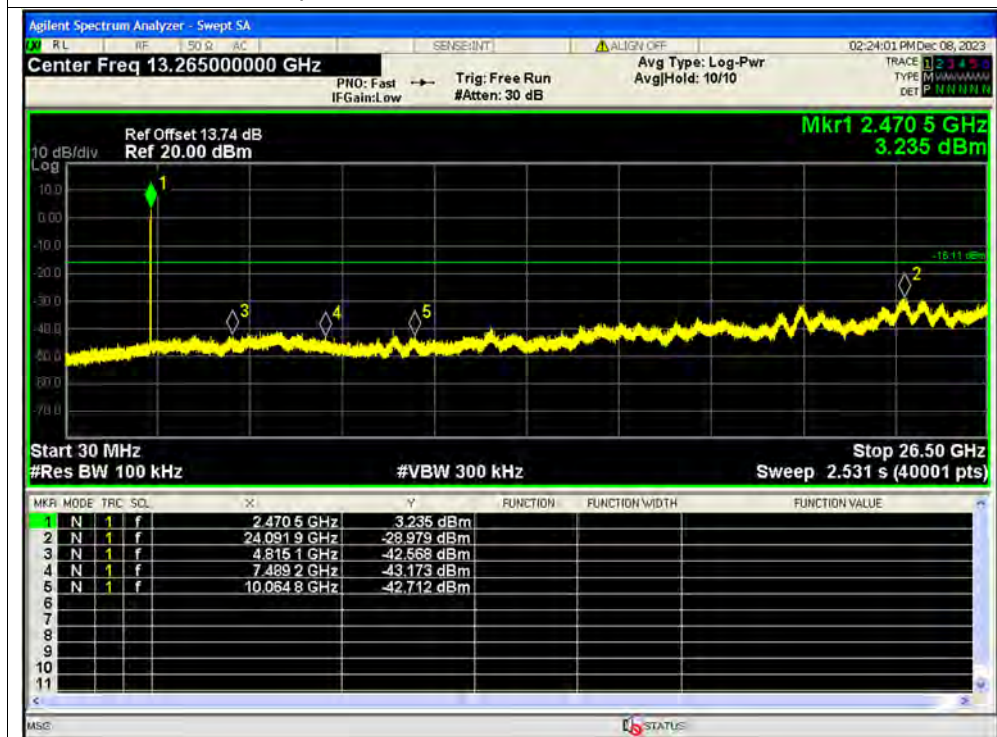
Tx. Spurious NVNT b 2442MHz Ant1 Emission



Tx. Spurious NVNT b 2472MHz Ant1 Ref



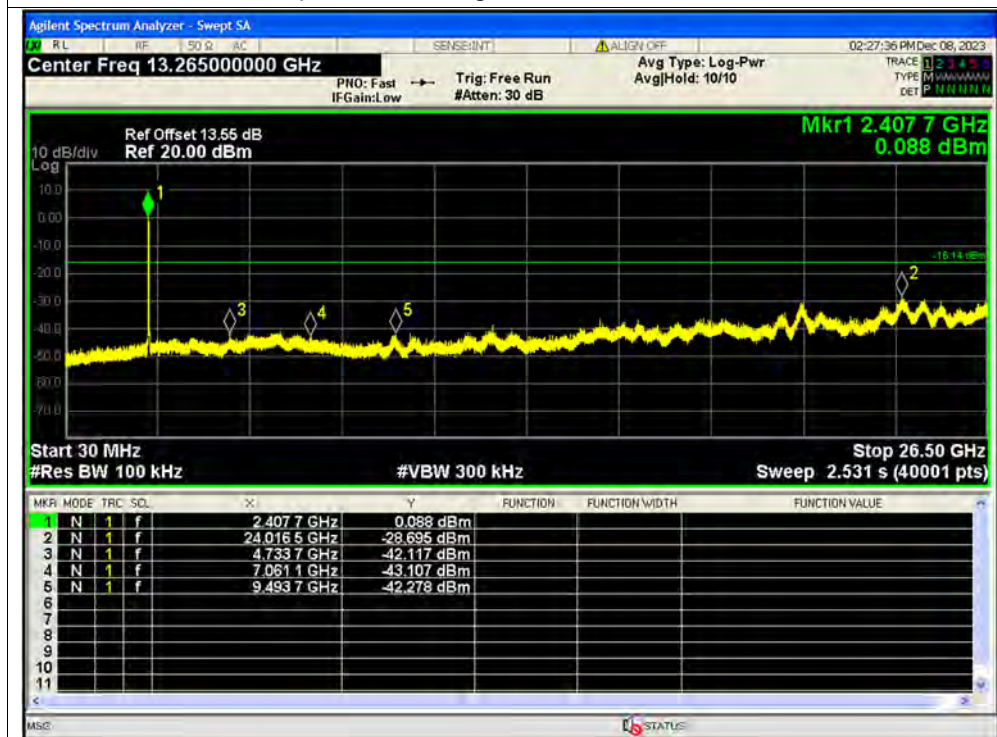
Tx. Spurious NVNT b 2472MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



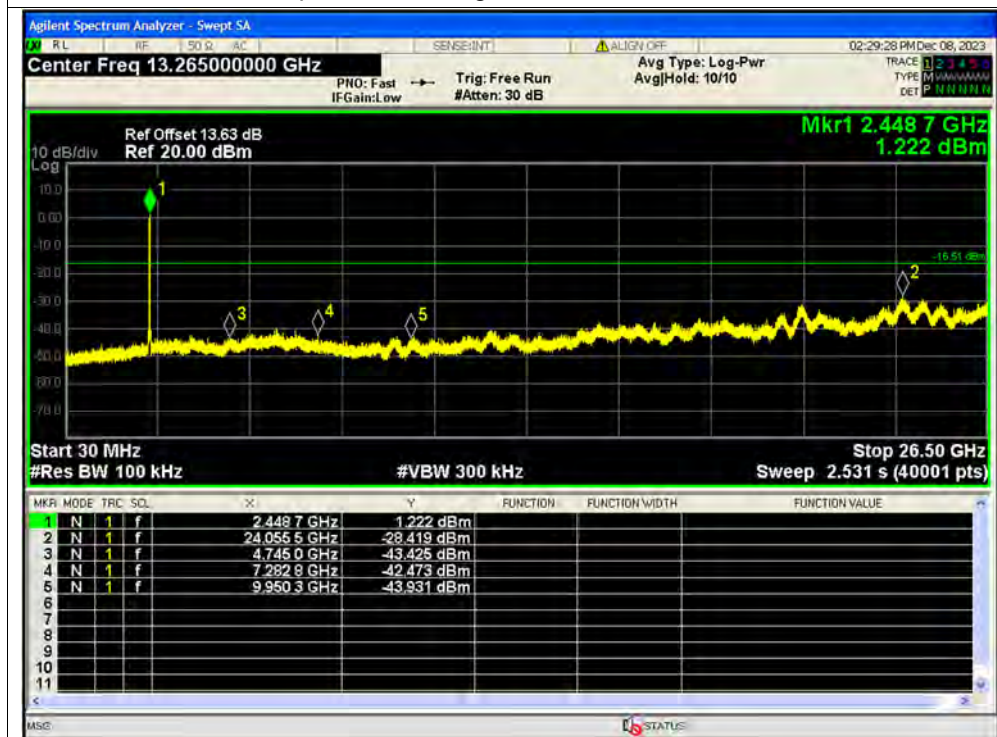
Tx. Spurious NVNT g 2412MHz Ant1 Emission



Tx. Spurious NVNT g 2442MHz Ant1 Ref



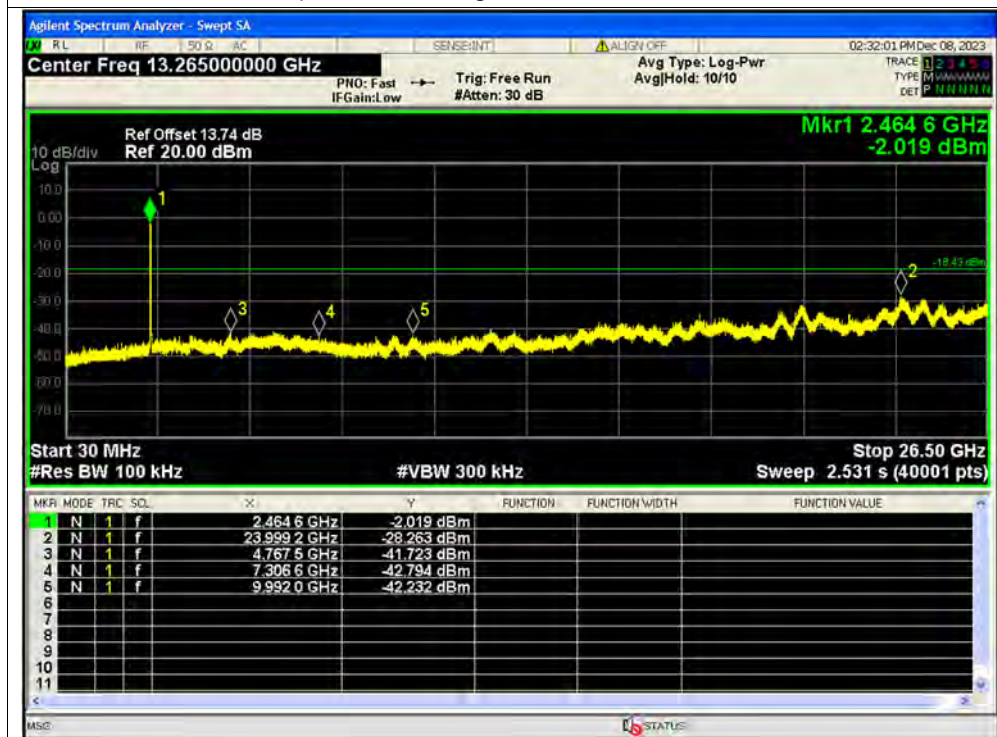
Tx. Spurious NVNT g 2442MHz Ant1 Emission



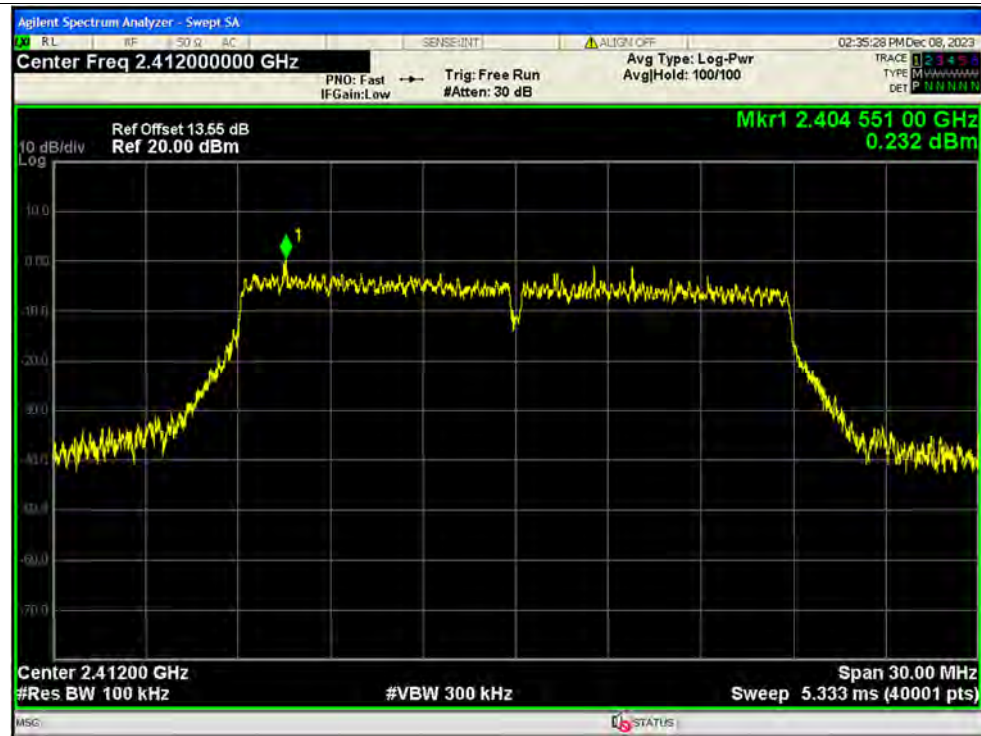
Tx. Spurious NVNT g 2472MHz Ant1 Ref



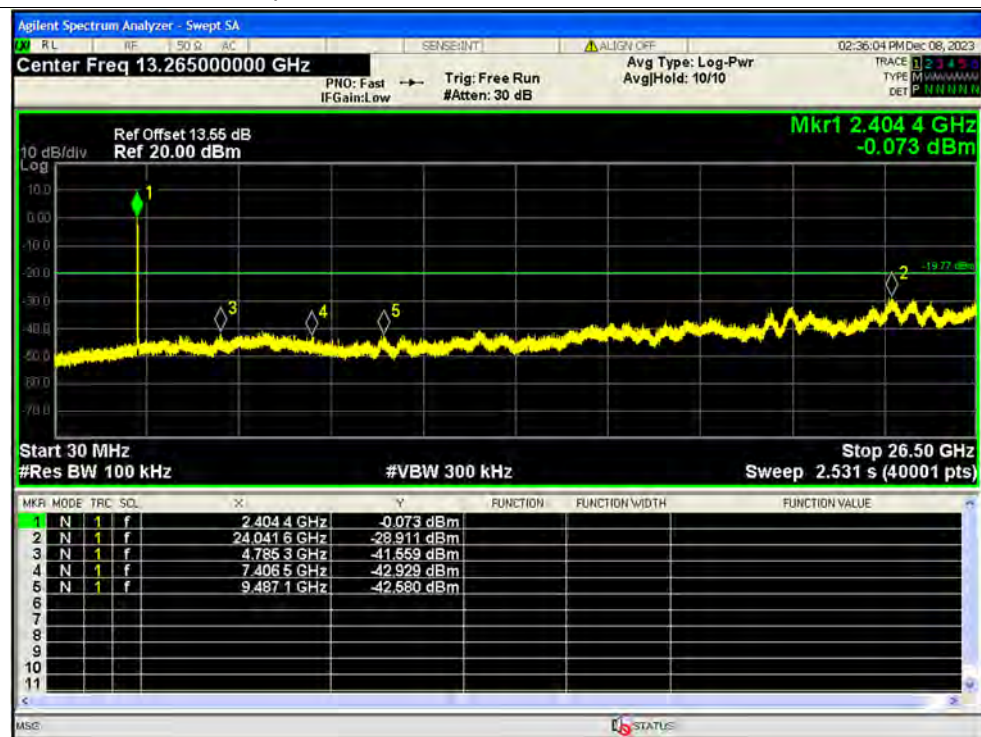
Tx. Spurious NVNT g 2472MHz Ant1 Emission



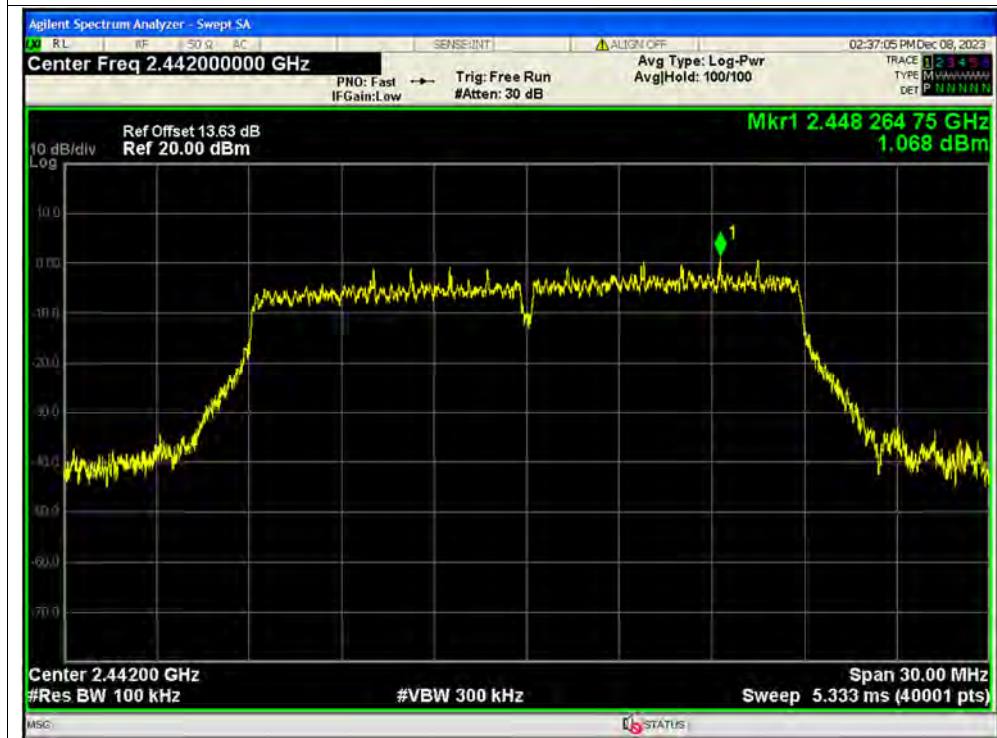
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



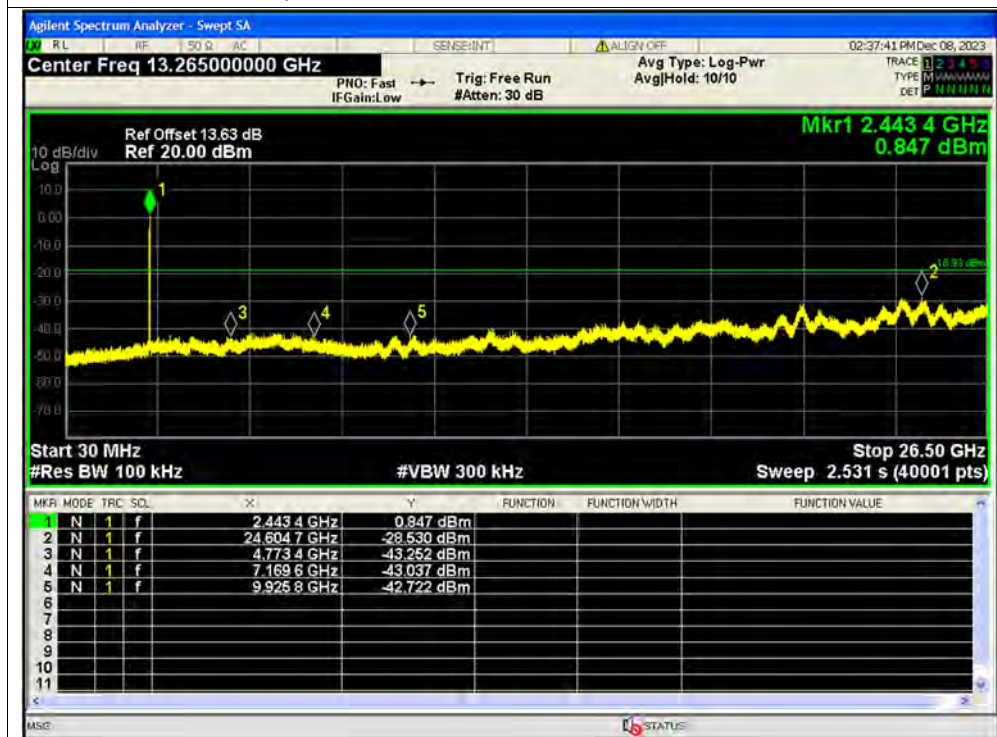
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



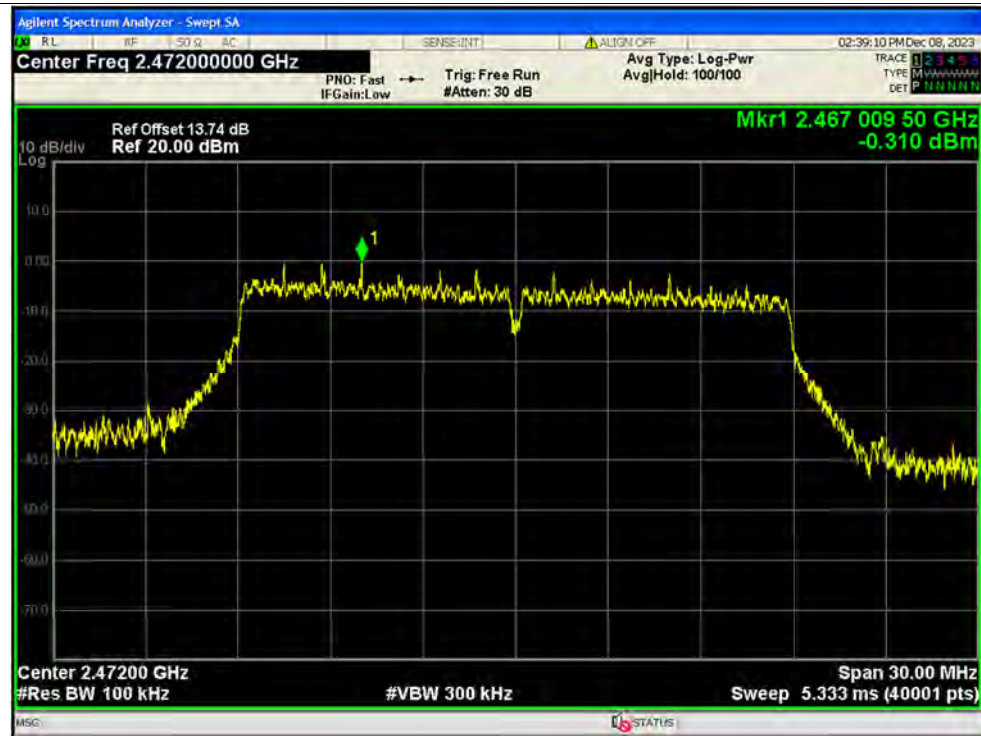
Tx. Spurious NVNT n20 2442MHz Ant1 Ref



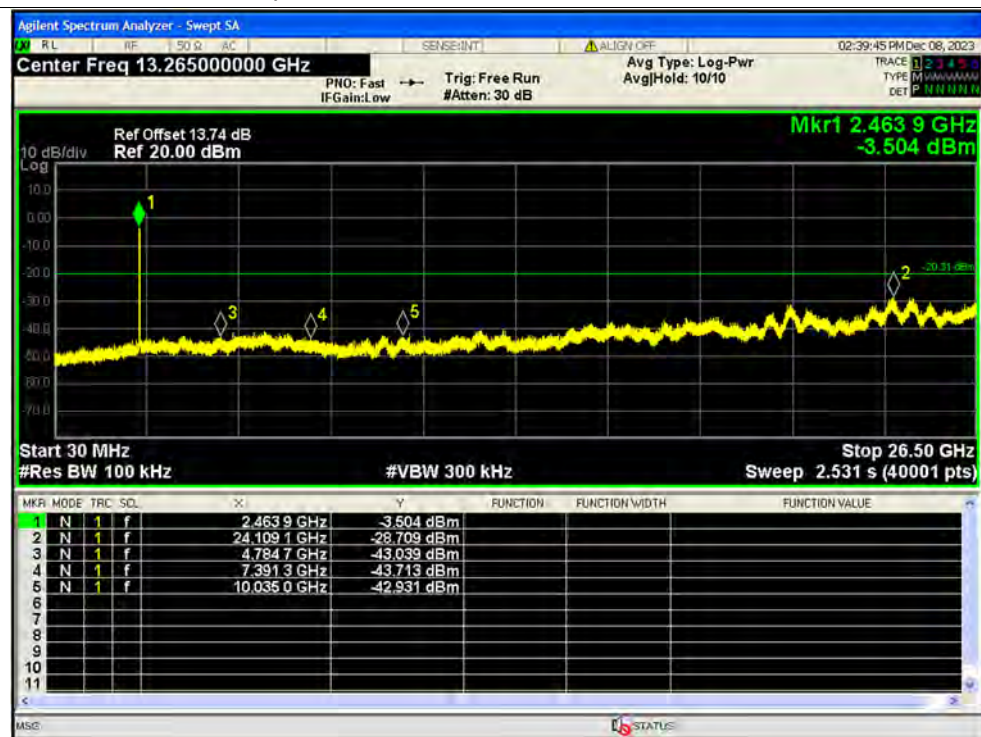
Tx. Spurious NVNT n20 2442MHz Ant1 Emission



Tx. Spurious NVNT n20 2472MHz Ant1 Ref



Tx. Spurious NVNT n20 2472MHz Ant1 Emission



**A.6. Band Edge**

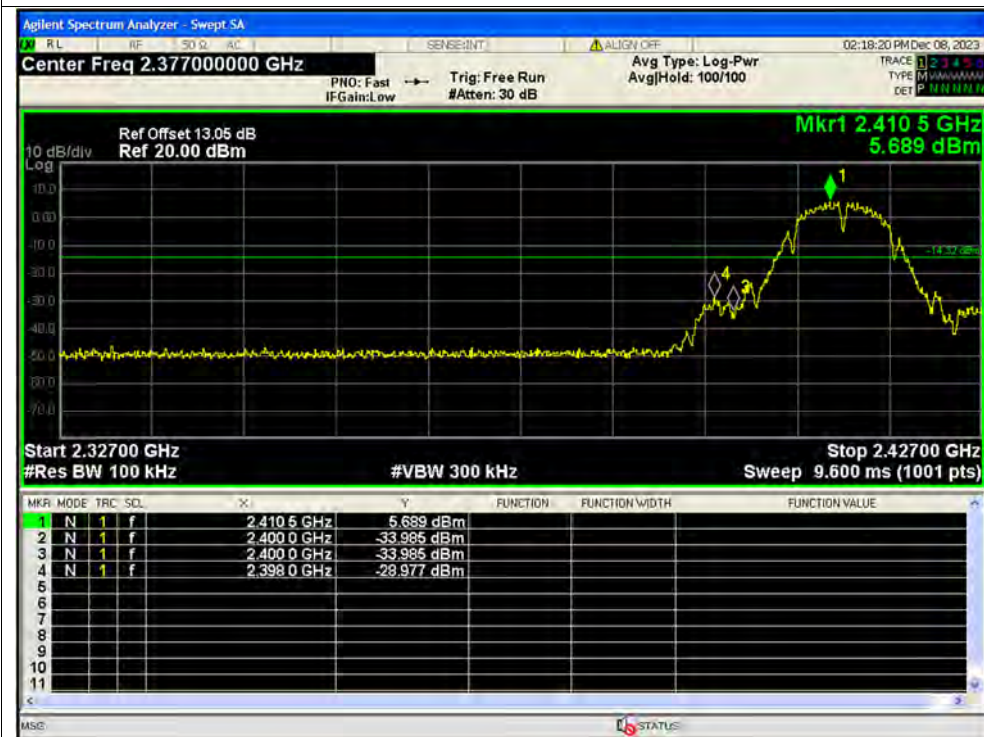
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-34.65	-20	Pass
NVNT	b	2472	Ant1	-41.83	-20	Pass
NVNT	g	2412	Ant1	-26.42	-20	Pass
NVNT	g	2472	Ant1	-30.26	-20	Pass
NVNT	n20	2412	Ant1	-32.21	-20	Pass
NVNT	n20	2472	Ant1	-34.06	-20	Pass

Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref



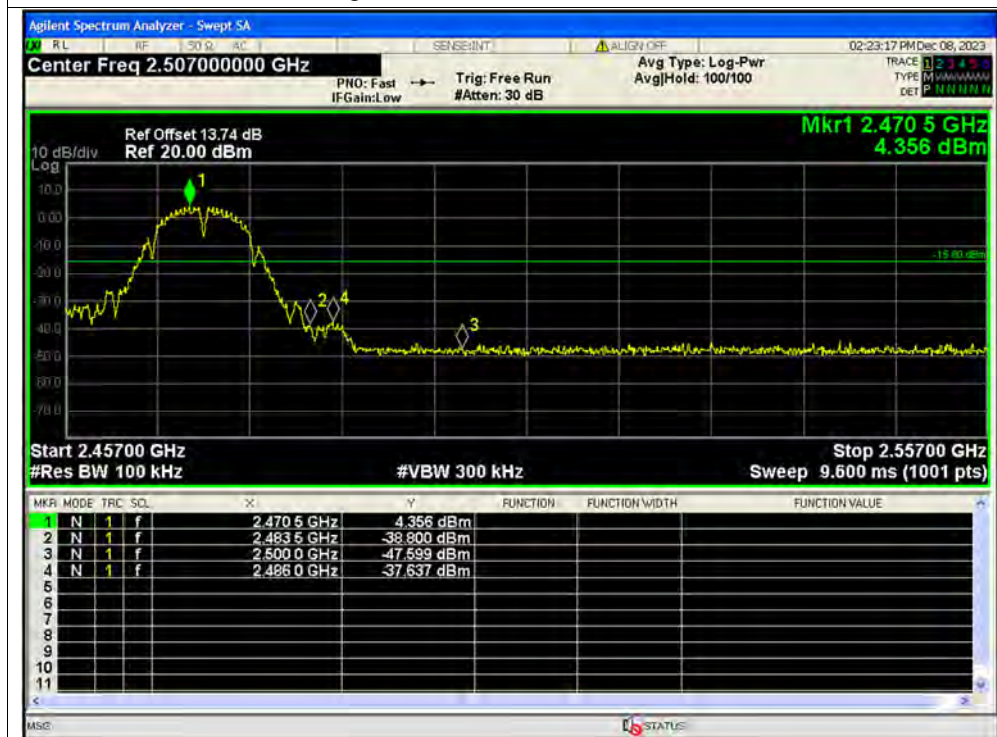
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2472MHz Ant1 Ref



Band Edge NVNT b 2472MHz Ant1 Emission





Band Edge NVNT g 2412MHz Ant1 Ref



Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2472MHz Ant1 Ref



Band Edge NVNT g 2472MHz Ant1 Emission



Band Edge NVNT n20 2412MHz Ant1 Ref



Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2472MHz Ant1 Ref



Band Edge NVNT n20 2472MHz Ant1 Emission

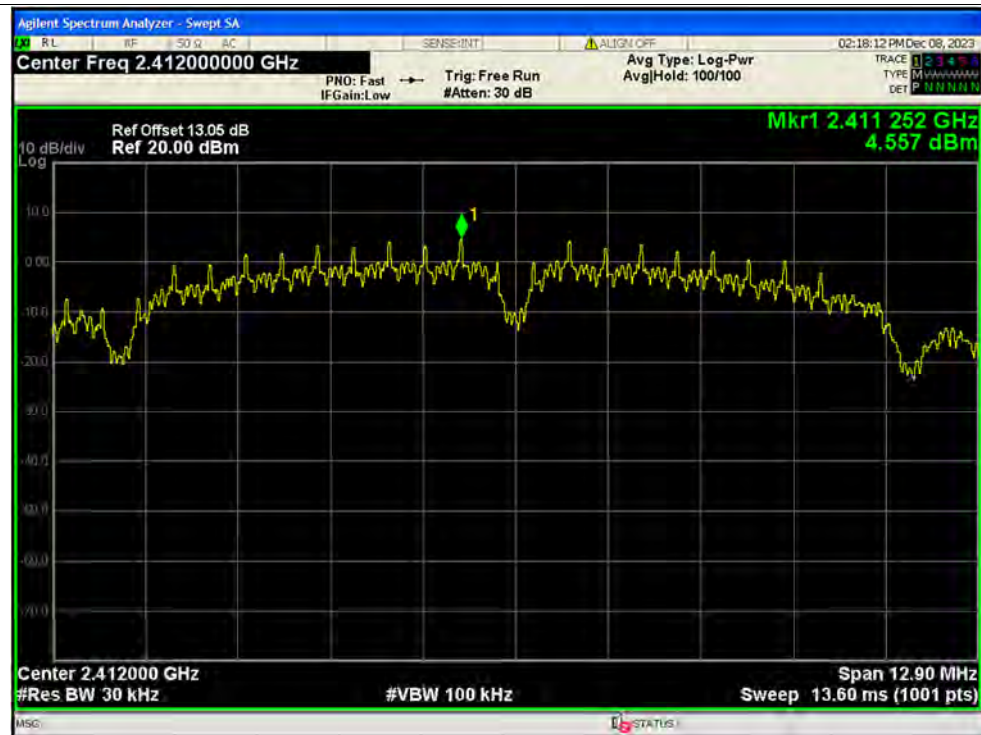


**A.7. Power Spectral Density**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-5.44	0	-5.44	8	Pass
NVNT	b	2442	Ant1	-4.63	0	-4.63	8	Pass
NVNT	b	2472	Ant1	-7.42	0	-7.42	8	Pass
NVNT	g	2412	Ant1	-12.17	0	-12.17	8	Pass
NVNT	g	2442	Ant1	-10.79	0	-10.79	8	Pass
NVNT	g	2472	Ant1	-12.87	0	-12.87	8	Pass
NVNT	n20	2412	Ant1	-13.85	0	-13.85	8	Pass
NVNT	n20	2442	Ant1	-14.27	0	-14.27	8	Pass
NVNT	n20	2472	Ant1	-14.76	0	-14.76	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant1



PSD NVNT b 2442MHz Ant1



PSD NVNT b 2472MHz Ant1

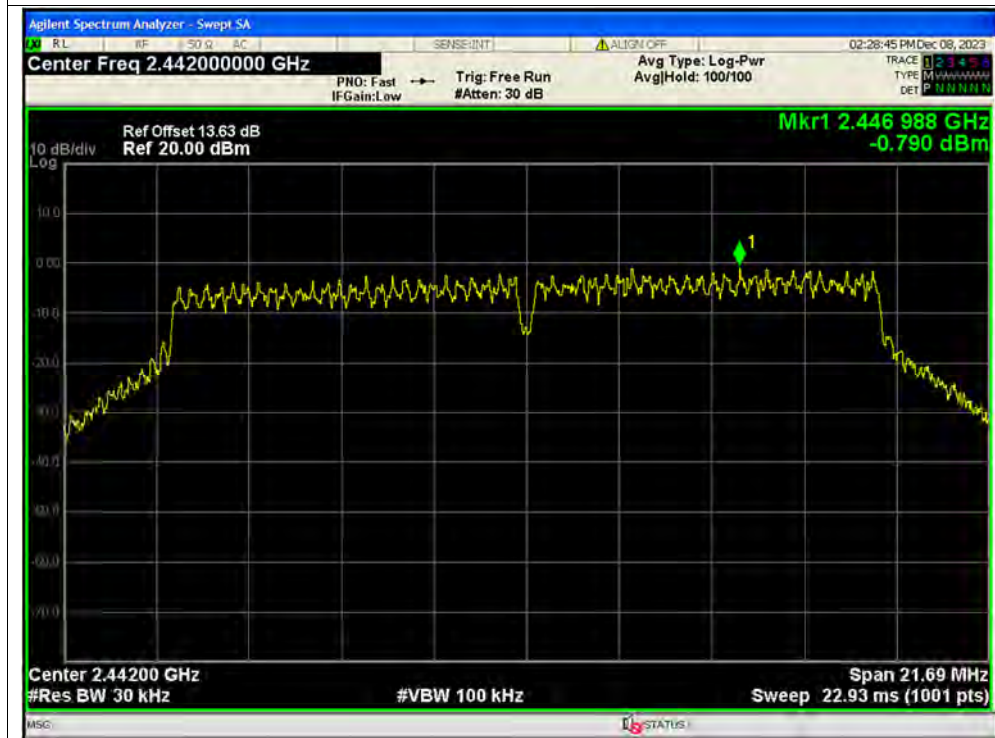


PSD NVNT g 2412MHz Ant1

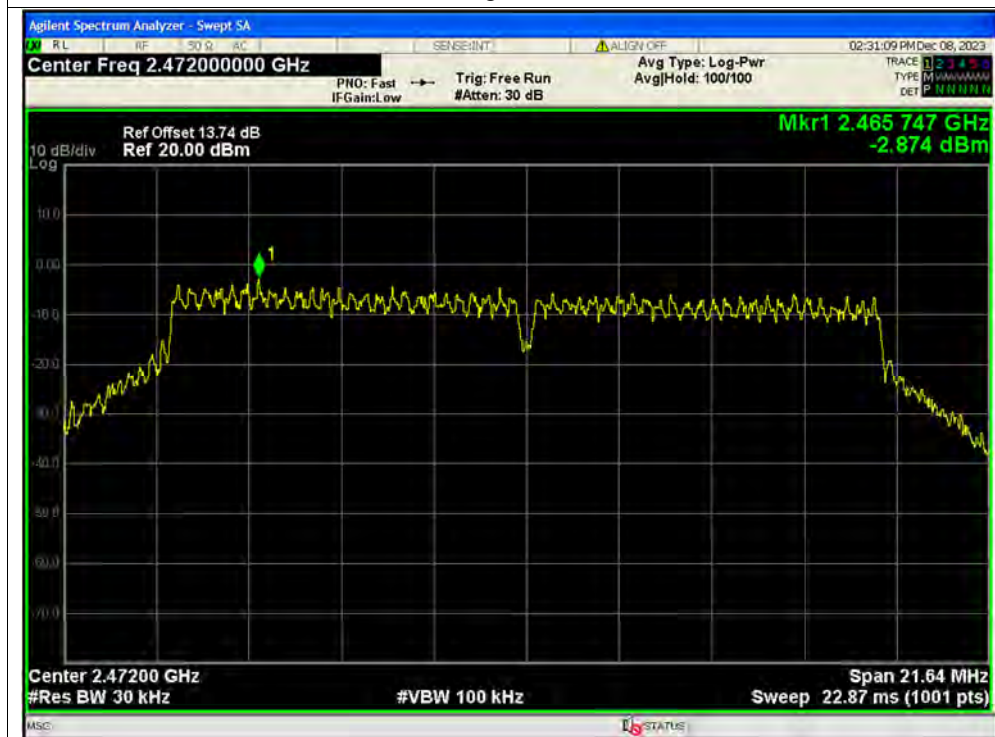




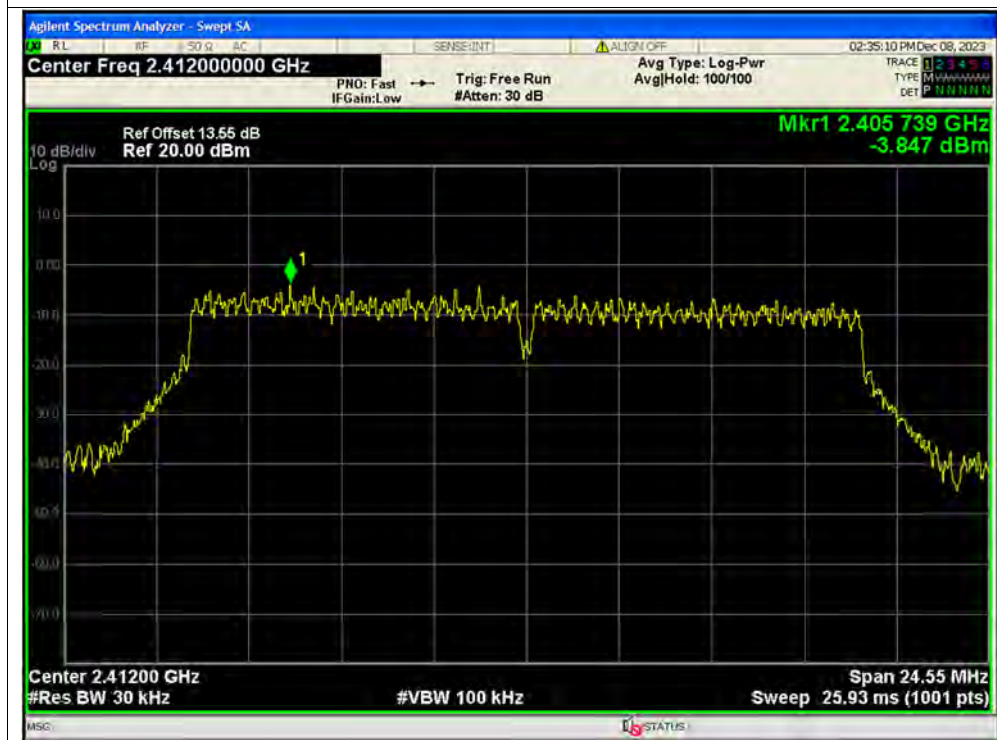
PSD NVNT g 2442MHz Ant1



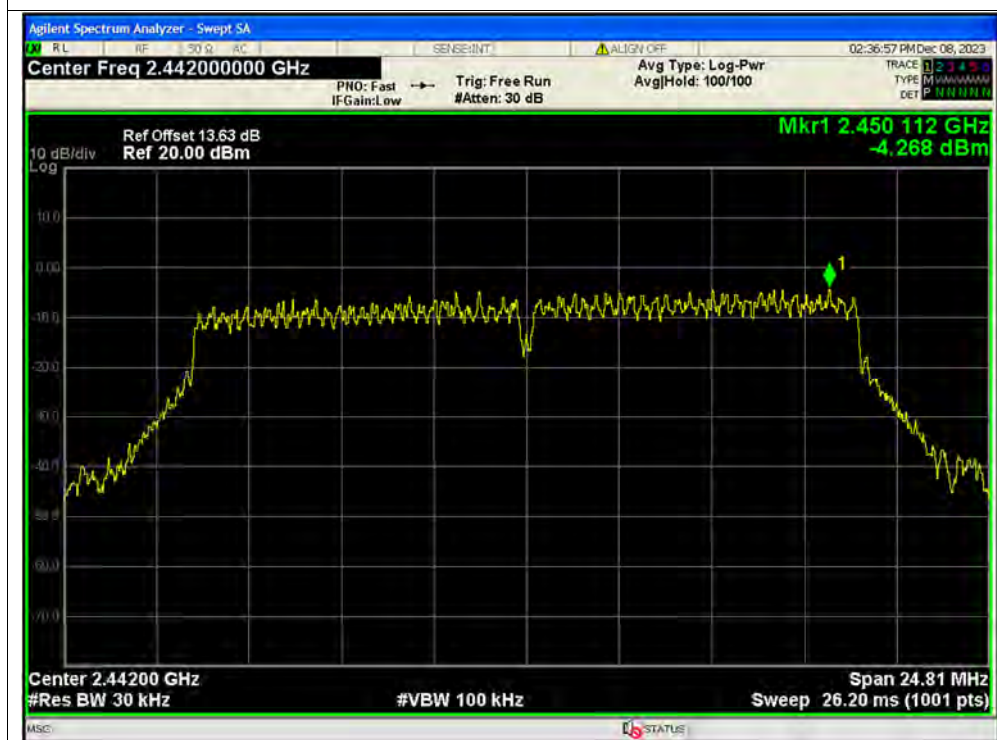
PSD NVNT g 2472MHz Ant1



PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2442MHz Ant1





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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 + USB Cable + Earphone +WIFI TX

Test voltage: AC 120V/60Hz

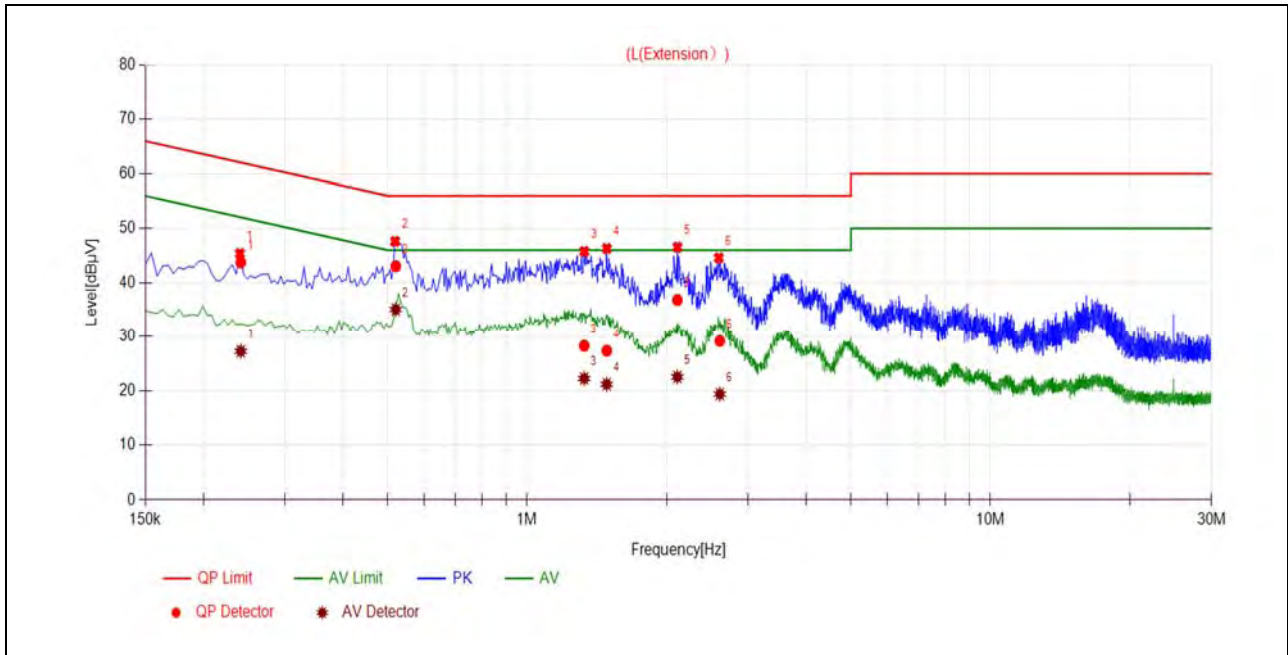
The measurement results are obtained as below:

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

U_R : Receiver Reading

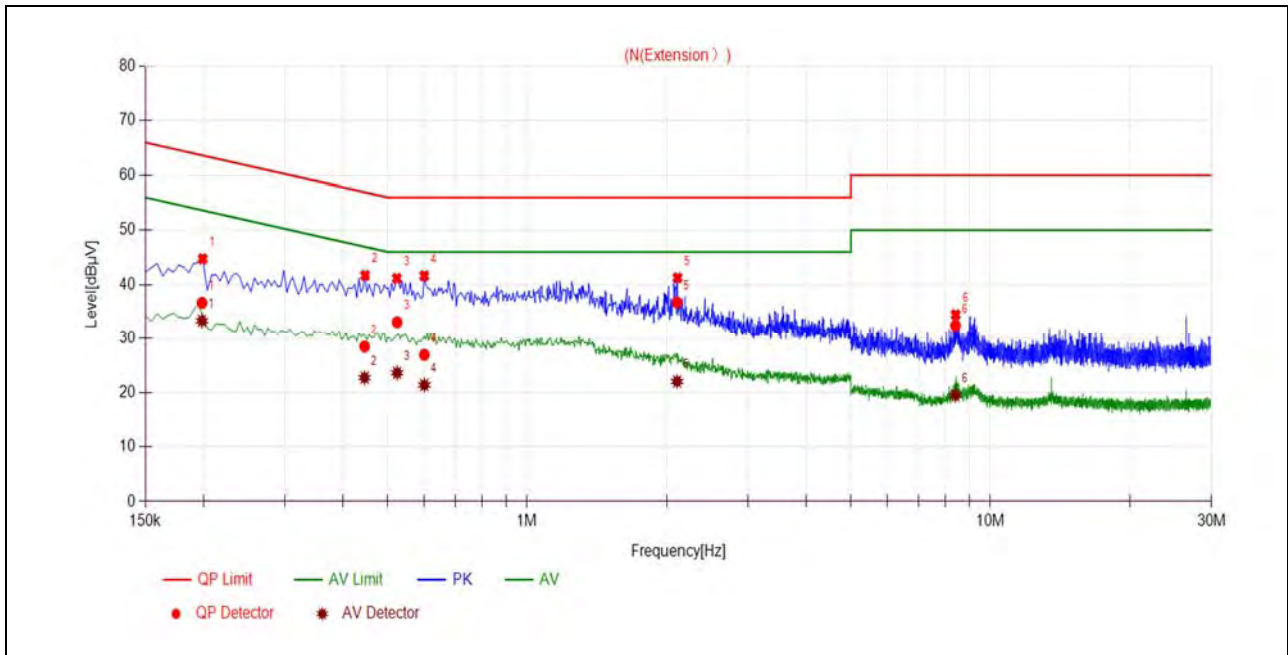
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2410	43.78	27.23	62.06	52.06	Line	PASS
2	0.5207	43.05	35.06	56.00	46.00		PASS
3	1.3281	28.25	22.22	56.00	46.00		PASS
4	1.4855	27.33	21.14	56.00	46.00		PASS
5	2.1103	36.82	22.49	56.00	46.00		PASS
6	2.6058	29.15	19.33	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1987	36.63	33.35	63.66	53.66	Neutral	PASS
2	0.4459	28.48	22.70	56.95	46.95		PASS
3	0.5241	33.07	23.60	56.00	46.00		PASS
4	0.6001	26.94	21.36	56.00	46.00		PASS
5	2.1072	36.71	22.01	56.00	46.00		PASS
6	8.4074	32.45	19.44	60.00	50.00		PASS



A.9. Restricted Frequency Bands

The lowest and highest channels are tested to verify the Restricted Frequency Bands.

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

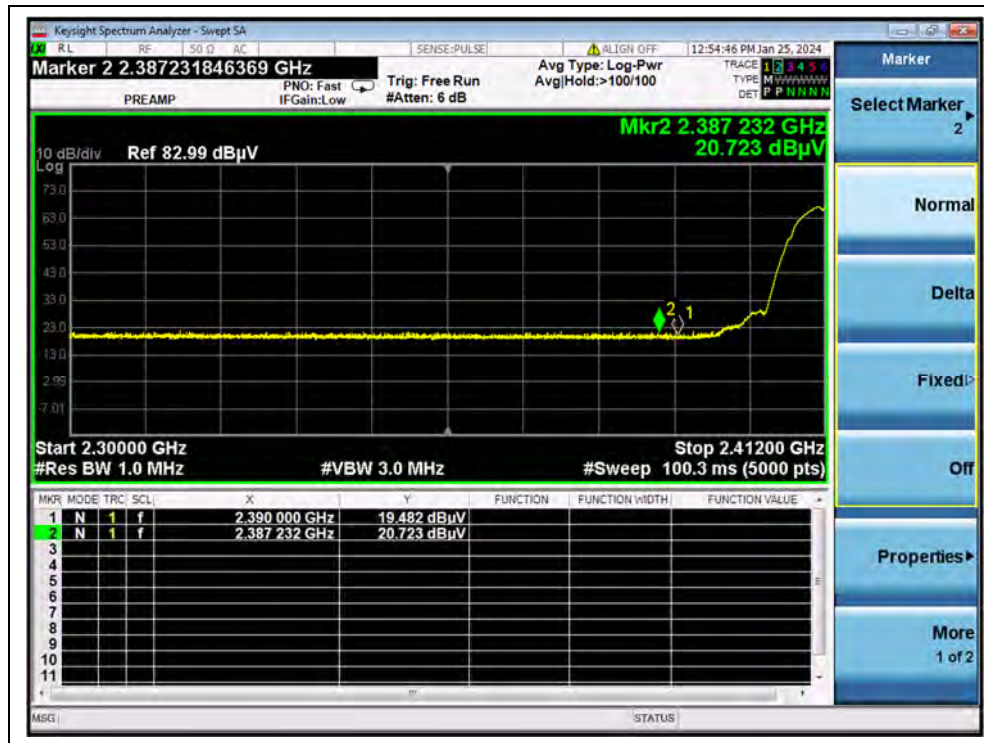
G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

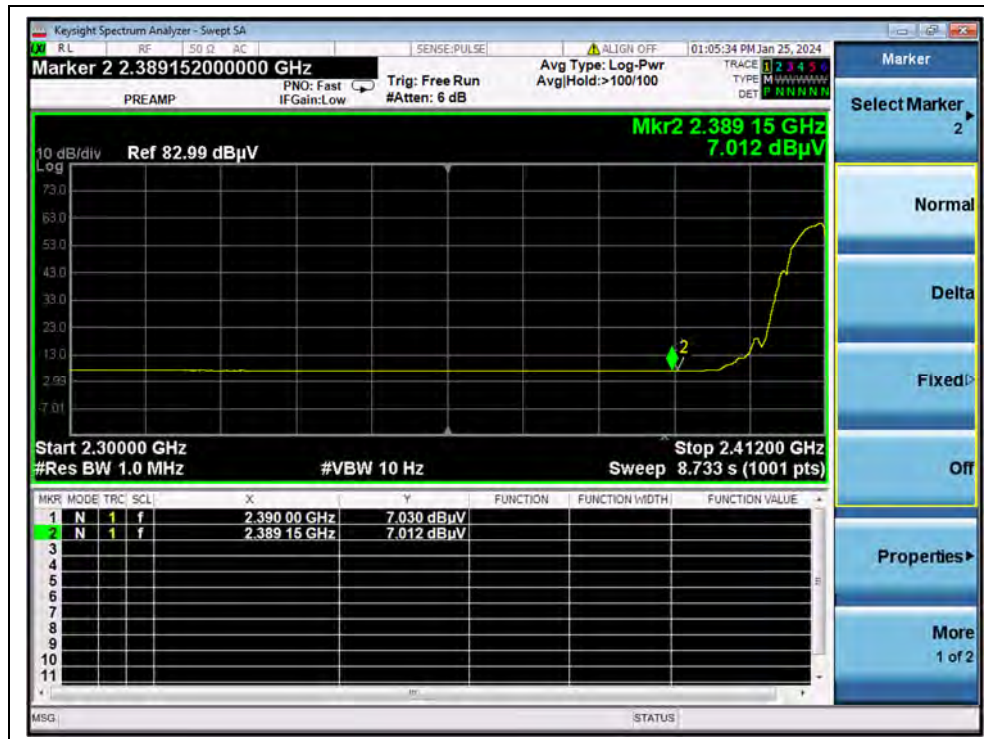
Note: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

802.11b Mode

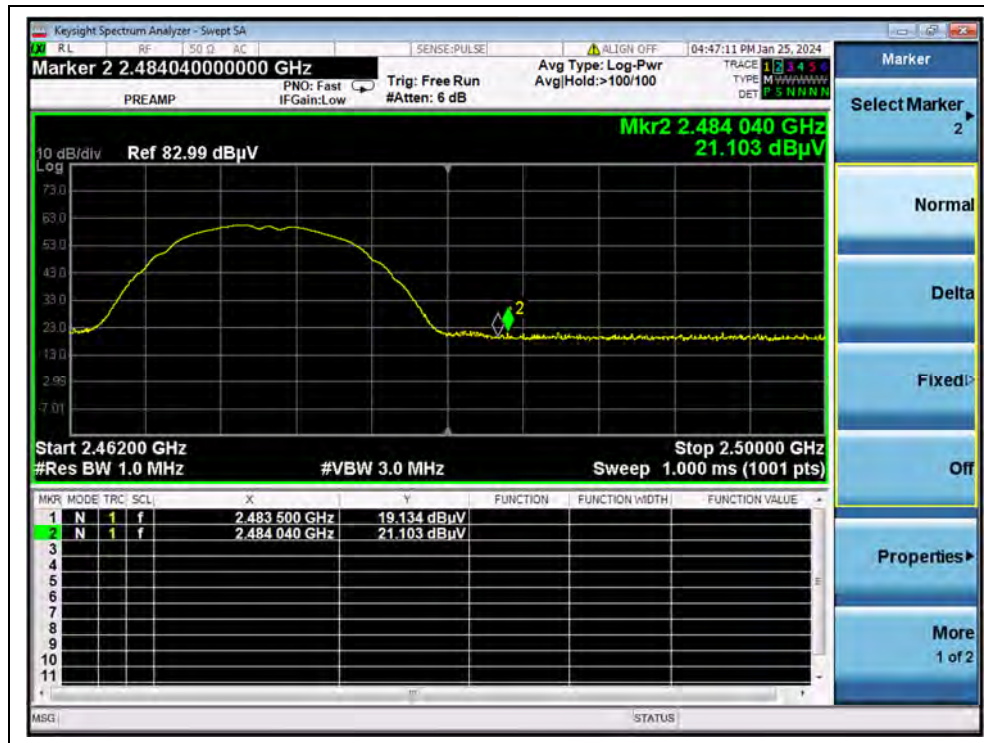
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2387.23	PK	20.72	6.74	27.20	54.66	74	PASS
1	2390.00	AV	7.03	6.74	27.20	40.97	54	PASS
13	2484.04	PK	21.10	6.74	27.20	55.04	74	PASS
13	2483.50	AV	7.17	6.74	27.20	41.11	54	PASS



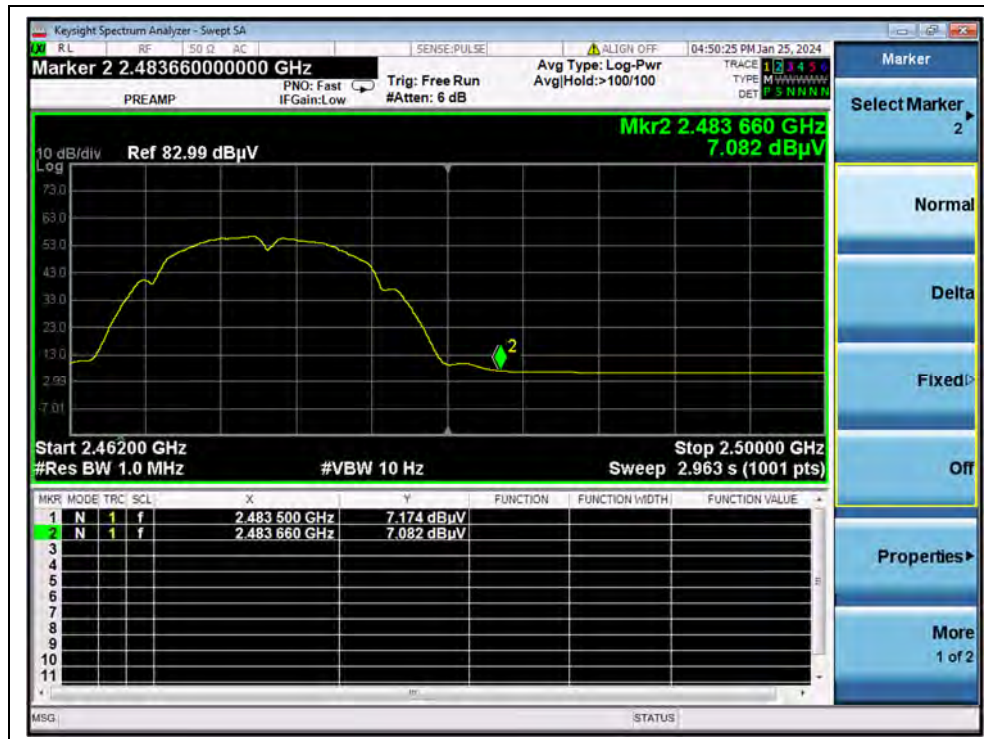
(PEAK, Channel 1, 802.11b)



(AVERAGE, Channel 1, 802.11b)



(PEAK, Channel 13, 802.11b)

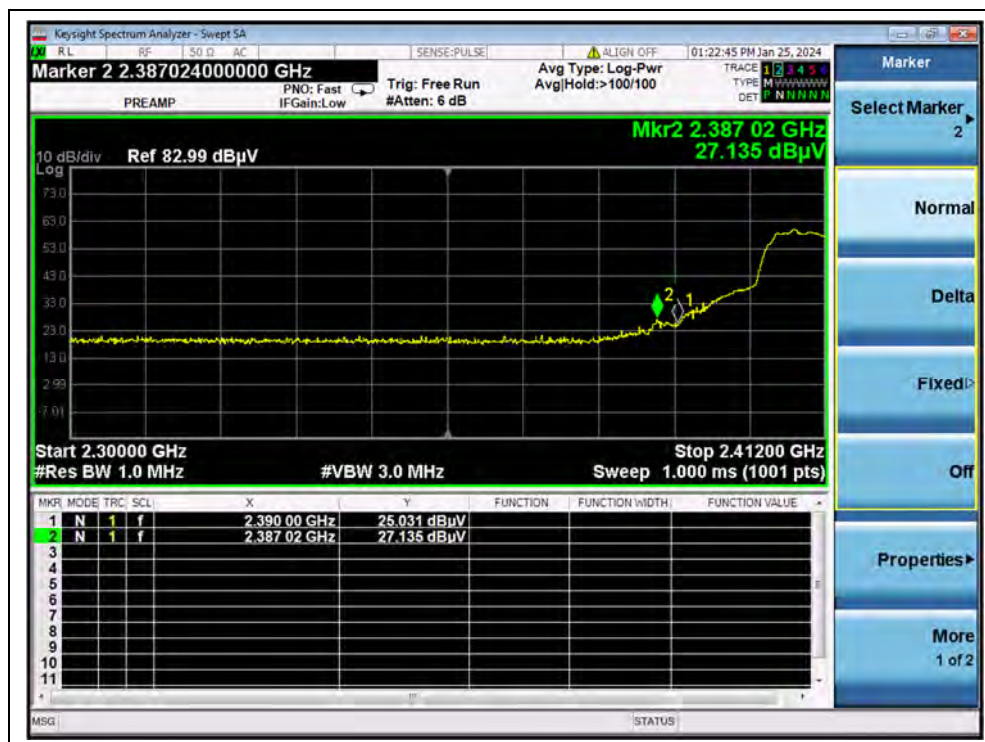


(AVERAGE, Channel 13, 802.11b)

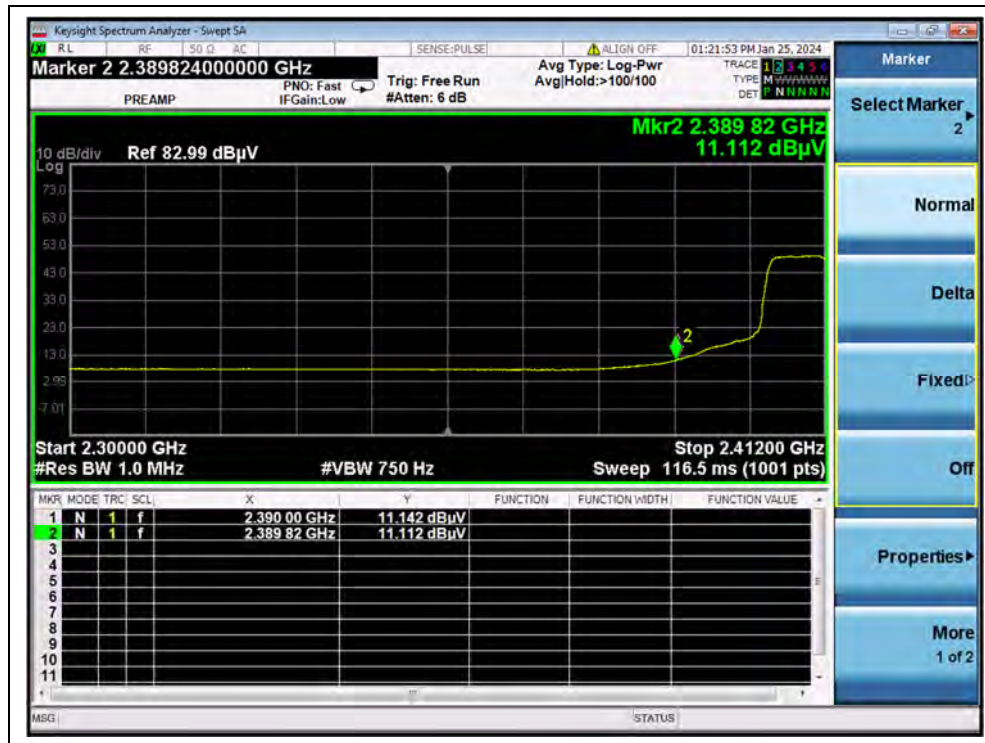


802.11g Mode

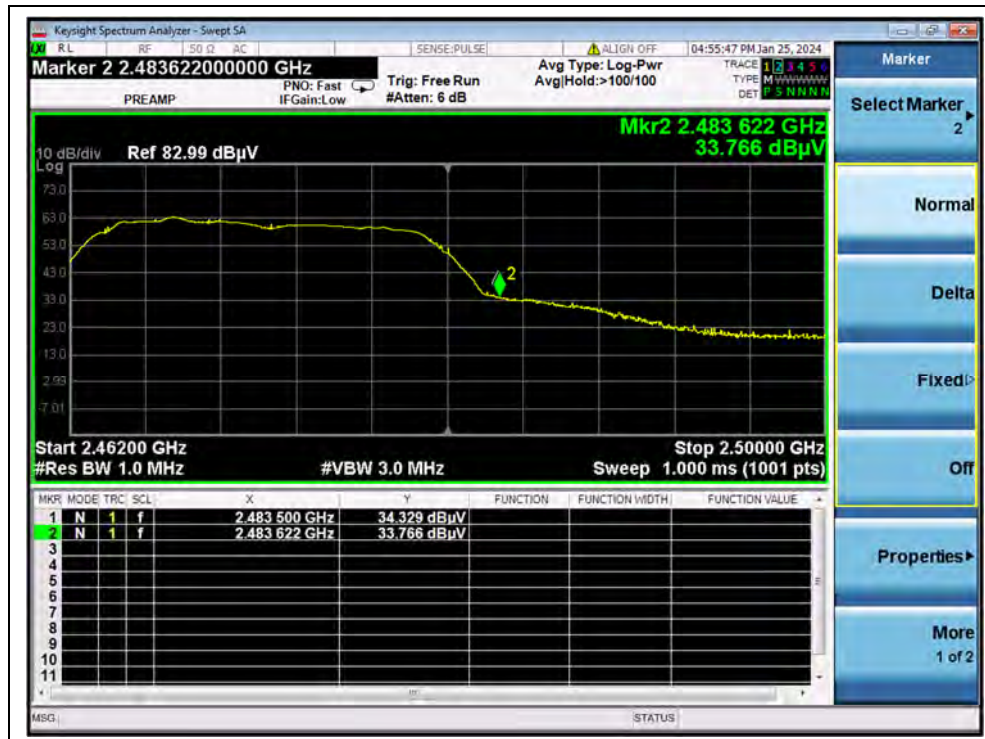
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2387.02	PK	27.14	6.74	27.20	61.08	74	PASS
1	2390.00	AV	11.14	6.74	27.20	45.08	54	PASS
13	2483.62	PK	33.77	6.74	27.20	67.71	74	PASS
13	2483.50	AV	13.99	6.74	27.20	47.93	54	PASS



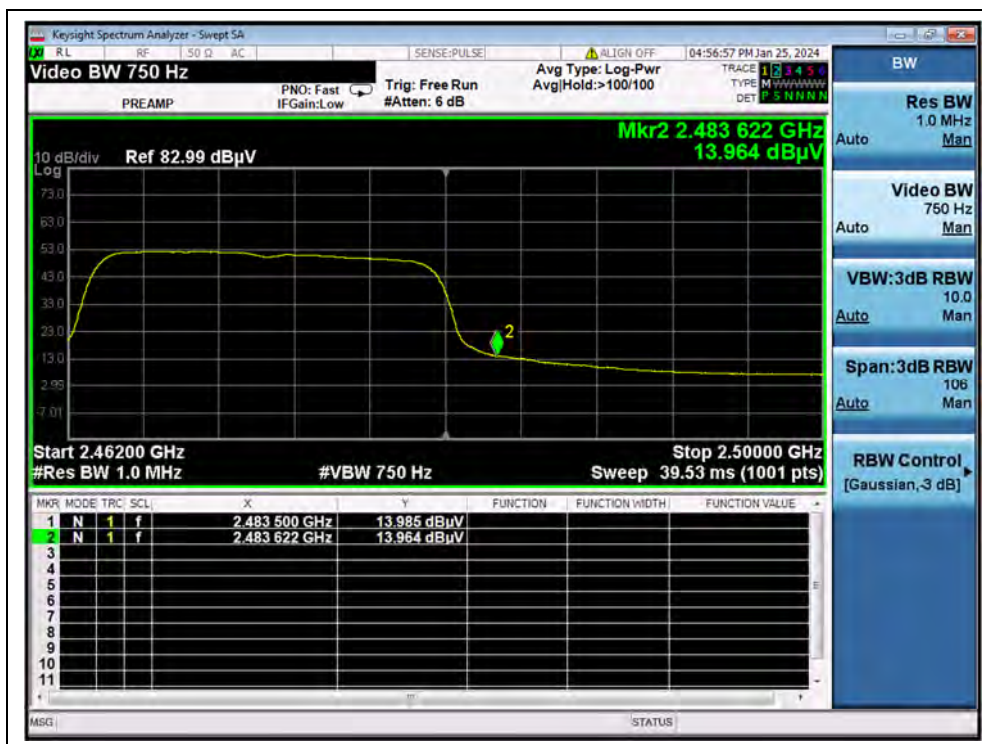
(PEAK, Channel 1, 802.11g)



(AVERAGE, Channel 1, 802.11g)



(PEAK, Channel 13, 802.11g)

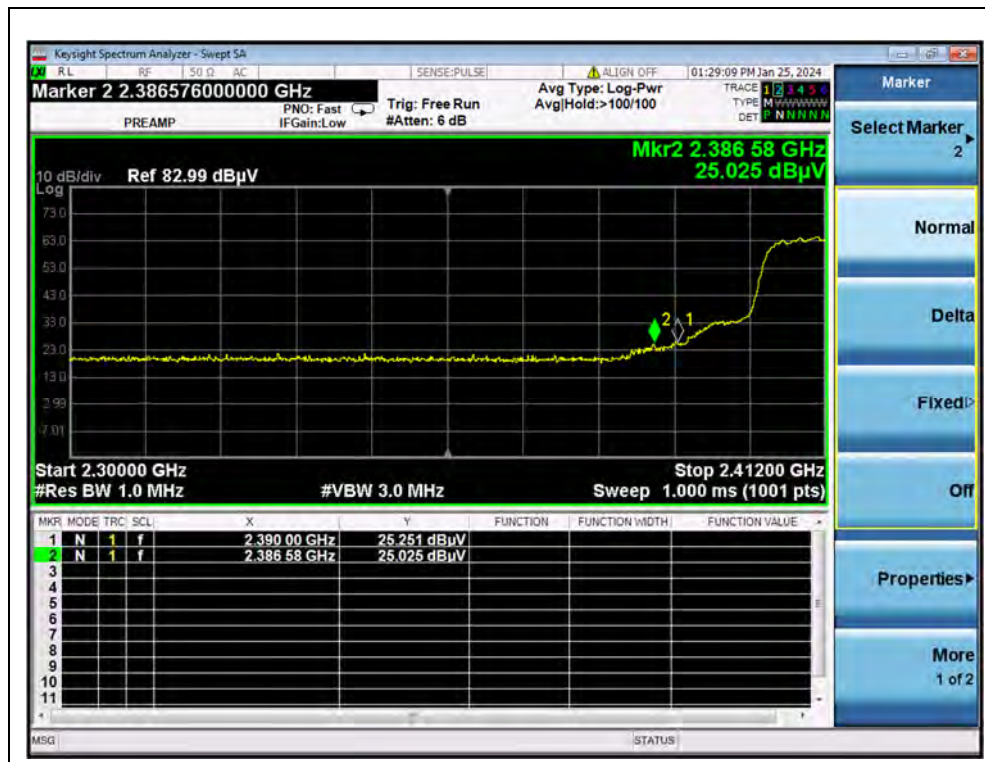


(AVERAGE, Channel 13, 802.11g)

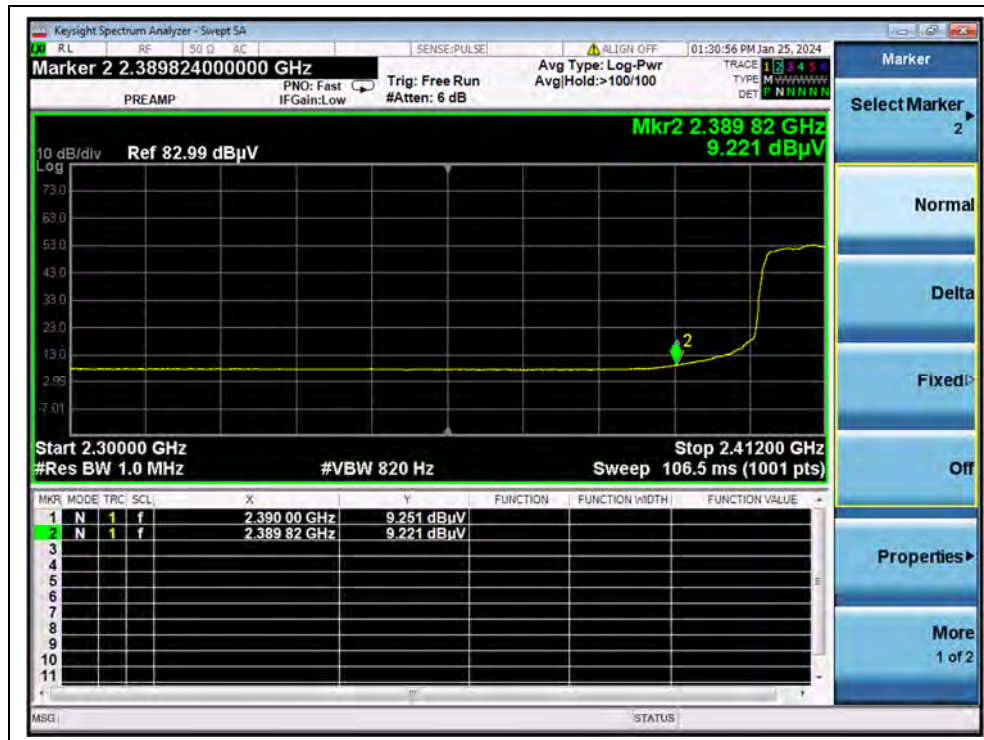


802.11n (HT20) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
1	2390.00	PK	25.25	6.74	27.20	59.19	74	PASS
1	2390.00	AV	9.25	6.74	27.20	43.19	54	PASS
13	2483.50	PK	34.44	6.74	27.20	68.38	74	PASS
13	2483.50	AV	15.92	6.74	27.20	49.86	54	PASS



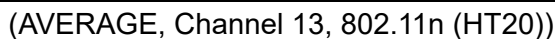
(PEAK, Channel 1, 802.11n (HT20))



(AVERAGE, Channel 1, 802.11n (HT20))



(PEAK, Channel 13, 802.11n (HT20))





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.

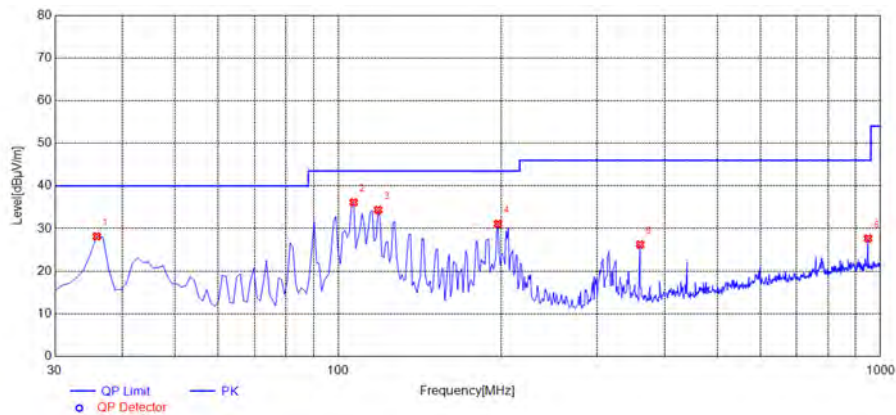
Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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.

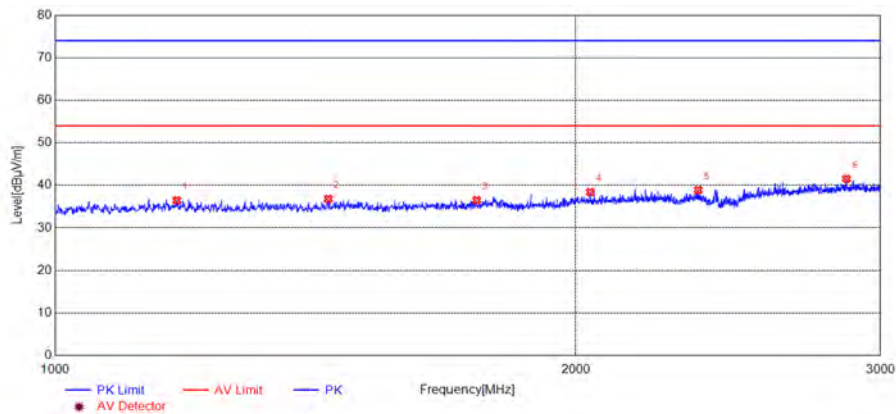
**802.11b Mode**

Plot for Channel 1



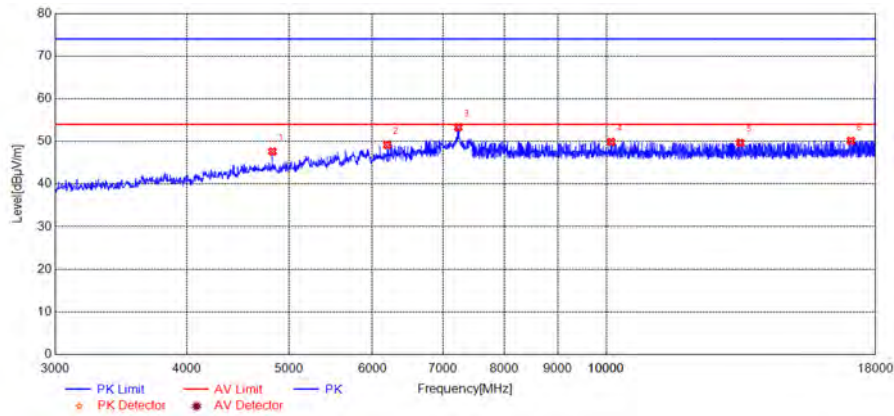
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.17	-30.81	40.00	Horizontal	PASS
106.7067	36.14	-31.14	43.50	Horizontal	PASS
118.3584	34.37	-32.83	43.50	Horizontal	PASS
197.0070	31.12	-32.17	43.50	Horizontal	PASS
360.1301	26.25	-27.24	46.00	Horizontal	PASS
948.5385	27.69	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



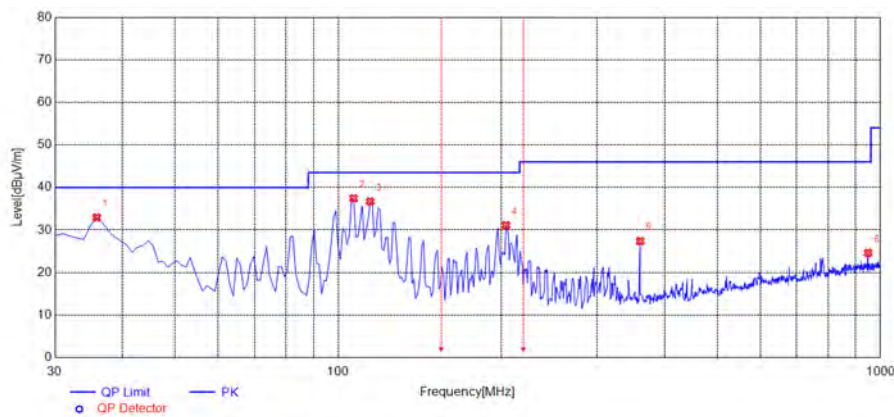
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1176.0587	36.50	-23.50	74.00	Horizontal	PASS
1438.8129	36.82	-23.27	74.00	Horizontal	PASS
1752.9176	36.56	-23.04	74.00	Horizontal	PASS
2039.0130	38.41	-21.68	74.00	Horizontal	PASS
2353.7846	38.89	-20.81	74.00	Horizontal	PASS
2867.2891	41.54	-18.31	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



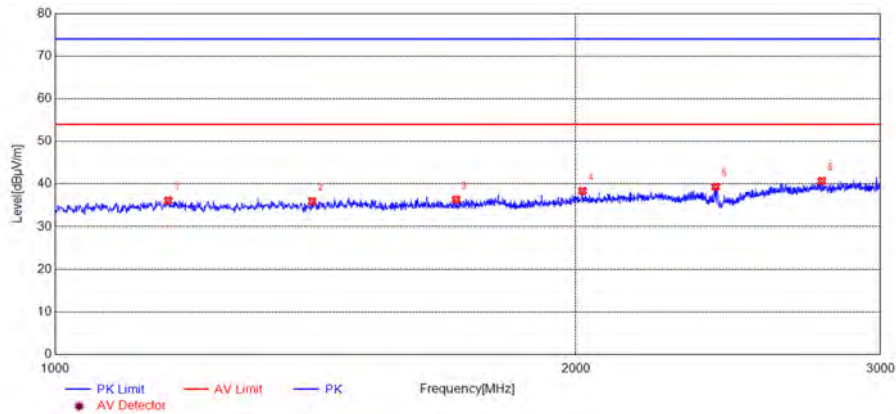
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4824.3649	47.62	-11.52	74.00	Horizontal	PASS
6198.6397	49.17	-6.85	74.00	Horizontal	PASS
7236.8474	53.27	-2.97	74.00	Horizontal	PASS
10108.4217	49.91	0.42	74.00	Horizontal	PASS
13397.0794	49.67	6.43	74.00	Horizontal	PASS
17060.8122	50.13	8.10	74.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



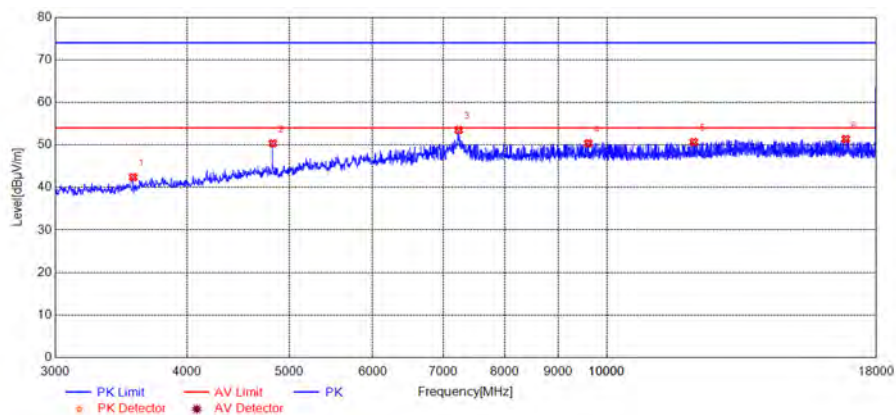
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	32.96	-30.81	40.00	Vertical	PASS
106.7067	37.44	-31.14	43.50	Vertical	PASS
114.4745	36.71	-32.29	43.50	Vertical	PASS
203.8038	31.13	-31.90	43.50	Vertical	PASS
360.1301	27.39	-27.24	46.00	Vertical	PASS
948.5385	24.61	-19.08	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1162.7209	36.12	-23.38	74.00	Vertical	PASS
1408.1360	35.98	-23.73	74.00	Vertical	PASS
1705.5685	36.33	-23.28	74.00	Vertical	PASS
2017.6726	38.37	-21.63	74.00	Vertical	PASS
2409.1364	39.32	-21.05	74.00	Vertical	PASS
2774.5915	40.71	-18.77	74.00	Vertical	PASS

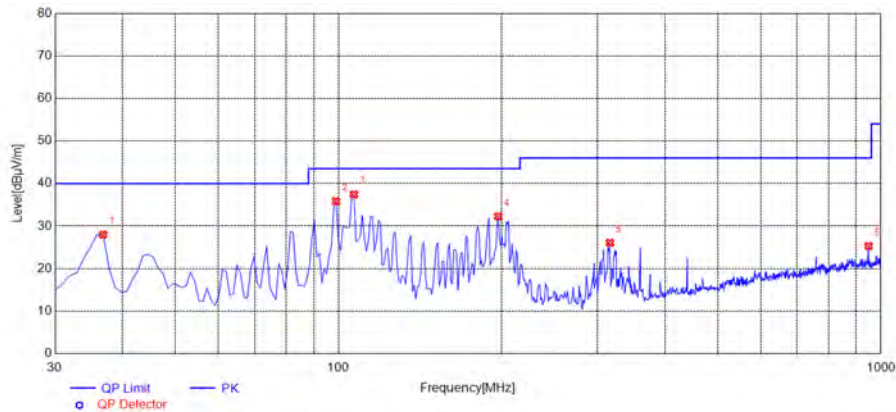
(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3558.1116	42.39	-16.67	74.00	Vertical	PASS
4824.3649	50.36	-11.52	74.00	Vertical	PASS
7239.8480	53.52	-2.91	74.00	Vertical	PASS
9604.3209	50.38	-0.09	74.00	Vertical	PASS
12088.8178	50.68	2.76	74.00	Vertical	PASS
16844.7690	51.38	8.06	74.00	Vertical	PASS

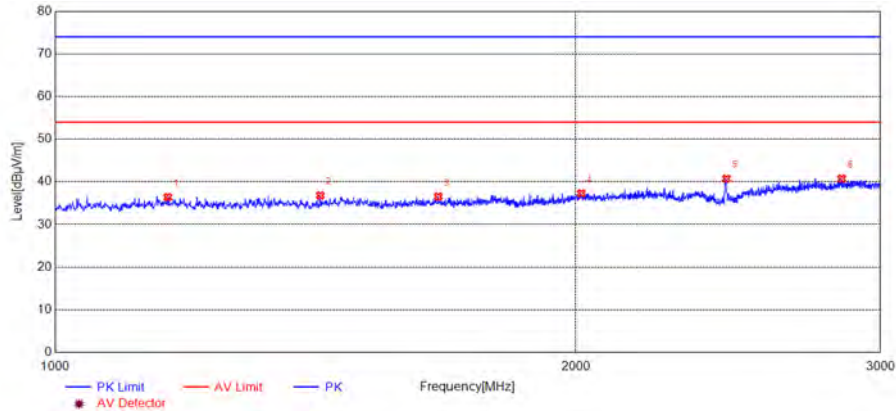
(Antenna Vertical, 3GHz to 18GHz)

Plot for Channel 7



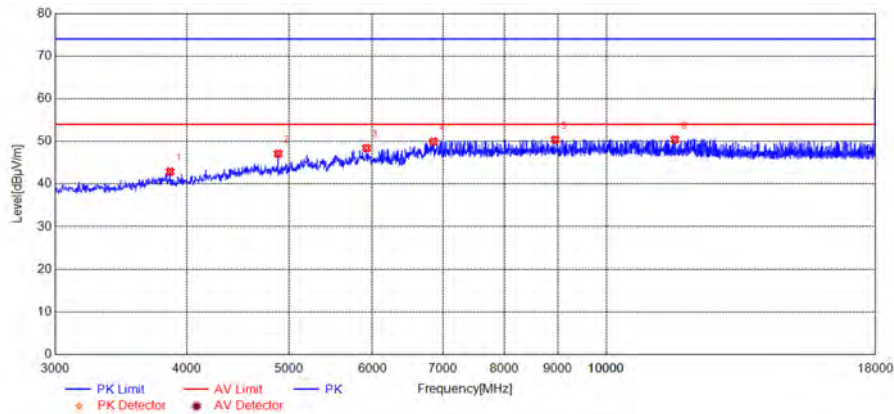
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
36.7968	28.00	-30.49	40.00	Horizontal	PASS
98.9389	35.84	-31.20	43.50	Horizontal	PASS
106.7067	37.44	-31.14	43.50	Horizontal	PASS
197.0070	32.29	-32.17	43.50	Horizontal	PASS
316.4364	26.06	-28.90	46.00	Horizontal	PASS
948.5385	25.32	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



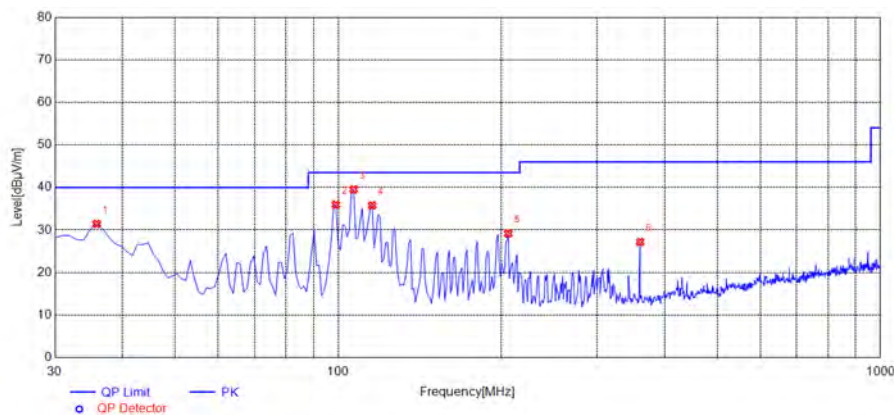
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1162.0540	36.40	-23.37	74.00	Horizontal	PASS
1423.4745	36.79	-23.50	74.00	Horizontal	PASS
1665.5552	36.58	-23.25	74.00	Horizontal	PASS
2014.3381	37.31	-21.62	74.00	Horizontal	PASS
2443.8146	40.74	-20.76	74.00	Horizontal	PASS
2849.2831	40.78	-18.45	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



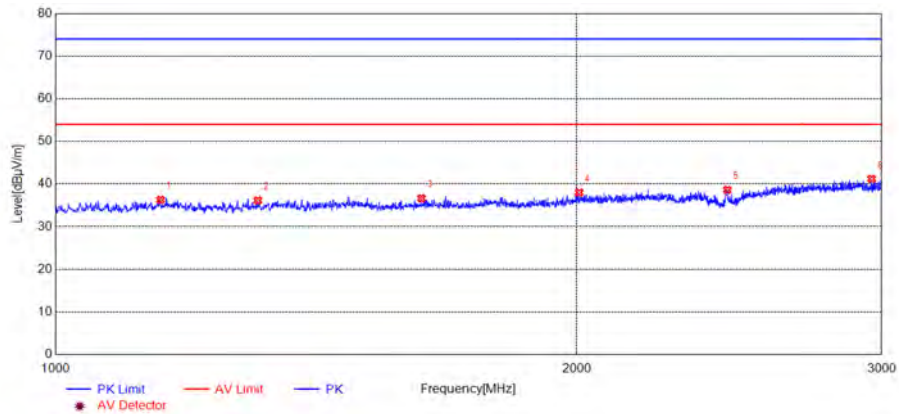
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3858.1716	42.91	-15.68	74.00	Horizontal	PASS
4884.3769	47.12	-12.04	74.00	Horizontal	PASS
5922.5845	48.40	-8.12	74.00	Horizontal	PASS
6858.7718	49.97	-5.29	74.00	Horizontal	PASS
8944.1888	50.40	-1.20	74.00	Horizontal	PASS
11614.7229	50.43	3.00	74.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



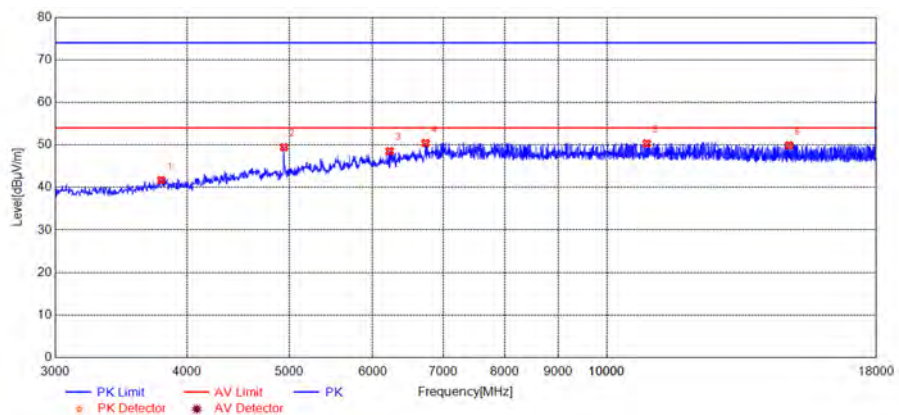
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	31.42	-30.81	40.00	Vertical	PASS
98.9389	35.96	-31.20	43.50	Vertical	PASS
106.7067	39.55	-31.14	43.50	Vertical	PASS
115.4454	35.76	-32.53	43.50	Vertical	PASS
205.7457	29.16	-31.97	43.50	Vertical	PASS
360.1301	27.19	-27.24	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1150.0500	36.28	-23.26	74.00	Vertical	PASS
1308.7696	36.15	-23.62	74.00	Vertical	PASS
1626.8756	36.66	-23.21	74.00	Vertical	PASS
2006.3354	38.01	-21.60	74.00	Vertical	PASS
2443.1477	38.62	-20.77	74.00	Vertical	PASS
2959.9867	41.21	-18.56	74.00	Vertical	PASS

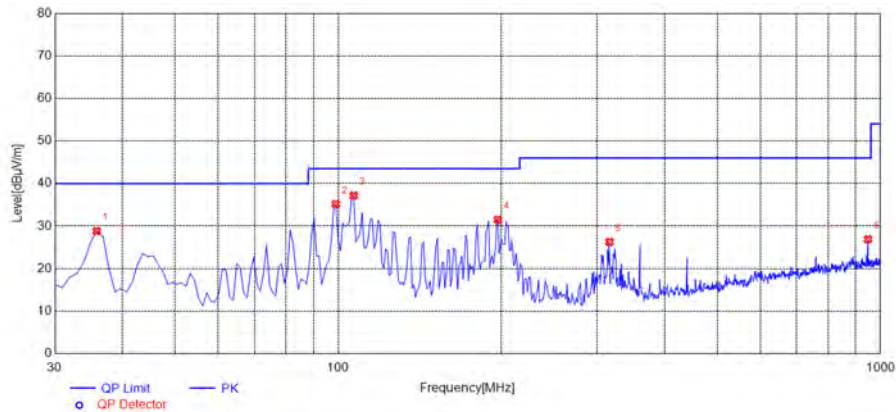
(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3783.1566	41.72	-15.51	74.00	Vertical	PASS
4944.3889	49.45	-11.22	74.00	Vertical	PASS
6225.6451	48.54	-7.15	74.00	Vertical	PASS
6735.7471	50.44	-5.44	74.00	Vertical	PASS
10909.5819	50.32	2.79	74.00	Vertical	PASS
14888.3777	49.92	5.66	74.00	Vertical	PASS

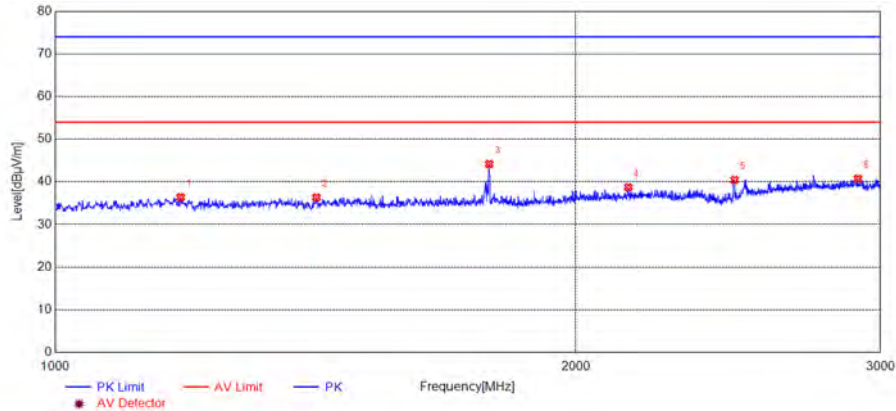
(Antenna Vertical, 3GHz to 18GHz)

Plot for Channel 13



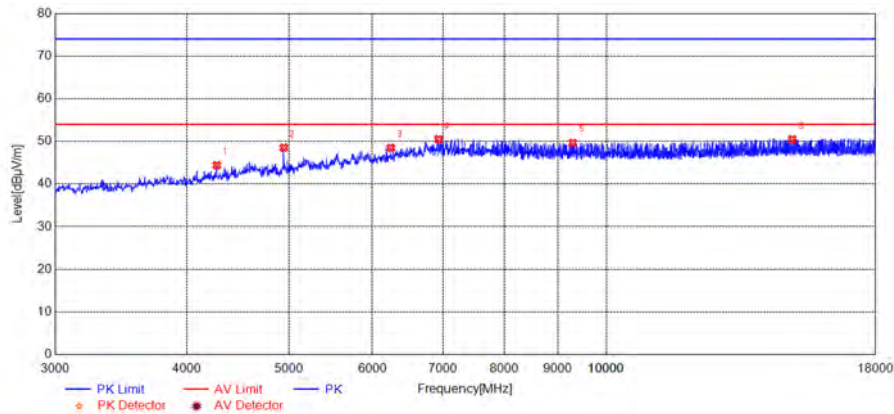
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.81	-30.81	40.00	Horizontal	PASS
98.9389	35.16	-31.20	43.50	Horizontal	PASS
106.7067	37.19	-31.14	43.50	Horizontal	PASS
197.0070	31.47	-32.17	43.50	Horizontal	PASS
316.4364	26.25	-28.90	46.00	Horizontal	PASS
948.5385	26.92	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



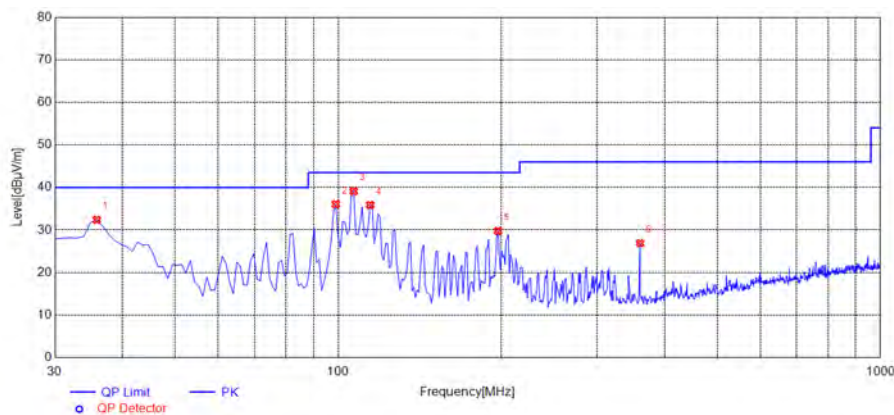
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1182.0607	36.39	-23.55	74.00	Horizontal	PASS
1416.1387	36.32	-23.61	74.00	Horizontal	PASS
1782.2608	44.19	-22.61	74.00	Horizontal	PASS
2145.0483	38.71	-21.31	74.00	Horizontal	PASS
2470.4902	40.45	-20.59	74.00	Horizontal	PASS
2911.3038	40.74	-18.18	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



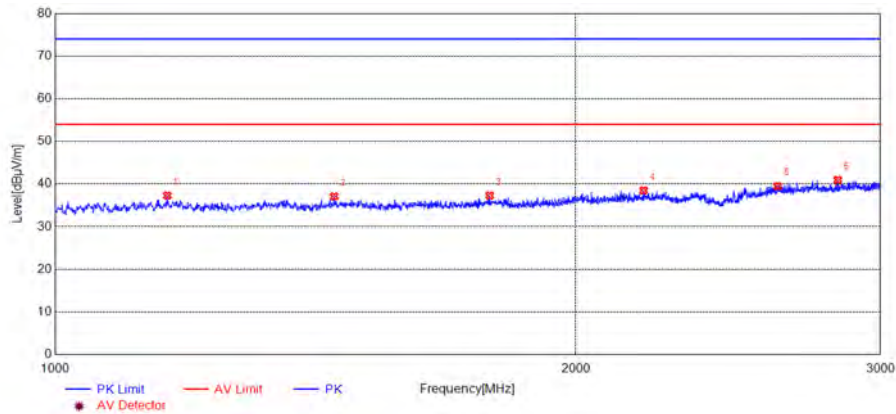
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4272.2545	44.40	-13.98	74.00	Horizontal	PASS
4944.3889	48.52	-11.22	74.00	Horizontal	PASS
6246.6493	48.48	-7.44	74.00	Horizontal	PASS
6933.7868	50.49	-4.80	74.00	Horizontal	PASS
9292.2585	49.64	0.31	74.00	Horizontal	PASS
15011.4023	50.47	5.25	74.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



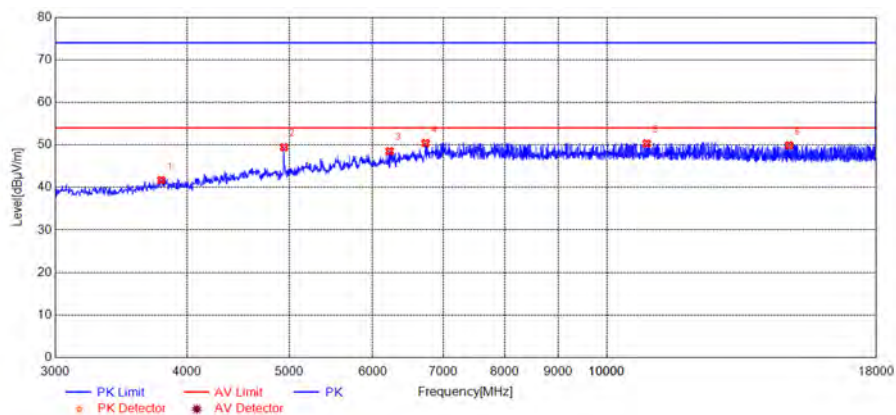
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	32.40	-30.81	40.00	Vertical	PASS
98.9389	36.06	-31.20	43.50	Vertical	PASS
106.7067	39.12	-31.14	43.50	Vertical	PASS
114.4745	35.87	-32.29	43.50	Vertical	PASS
197.0070	29.77	-32.17	43.50	Vertical	PASS
360.1301	26.93	-27.24	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1161.3871	37.30	-23.36	74.00	Vertical	PASS
1450.1501	37.10	-23.10	74.00	Vertical	PASS
1783.5945	37.29	-22.59	74.00	Vertical	PASS
2189.0630	38.50	-21.12	74.00	Vertical	PASS
2616.5388	39.51	-19.44	74.00	Vertical	PASS
2833.9446	40.95	-18.60	74.00	Vertical	PASS

(Antenna Vertical, 1GHz to 3GHz)

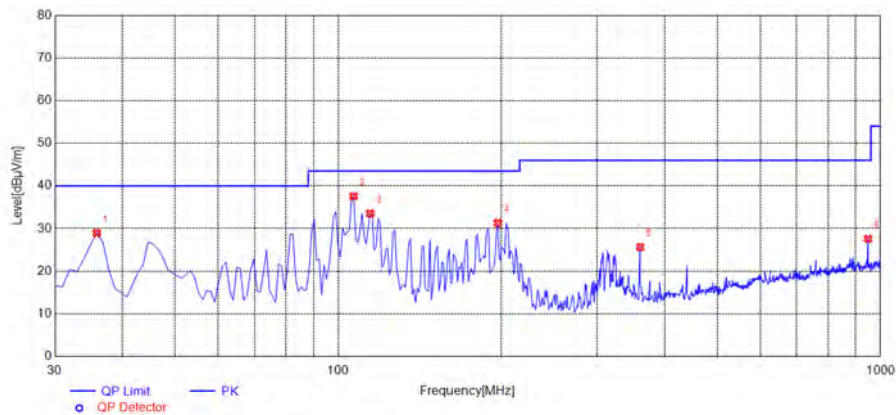


Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3783.1566	41.72	-15.51	74.00	Vertical	PASS
4944.3889	49.45	-11.22	74.00	Vertical	PASS
6225.6451	48.54	-7.15	74.00	Vertical	PASS
6735.7471	50.44	-5.44	74.00	Vertical	PASS
10909.5819	50.32	2.79	74.00	Vertical	PASS
14888.3777	49.92	5.66	74.00	Vertical	PASS

(Antenna Vertical, 3GHz to 18GHz)

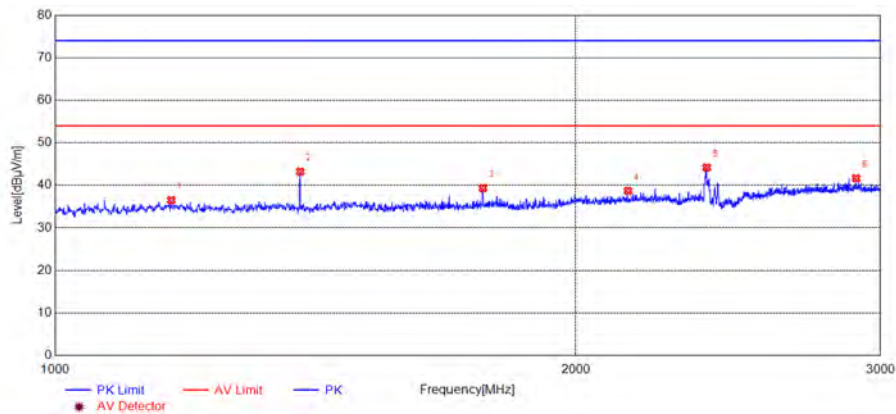
**802.11g Mode**

Plot for Channel 1



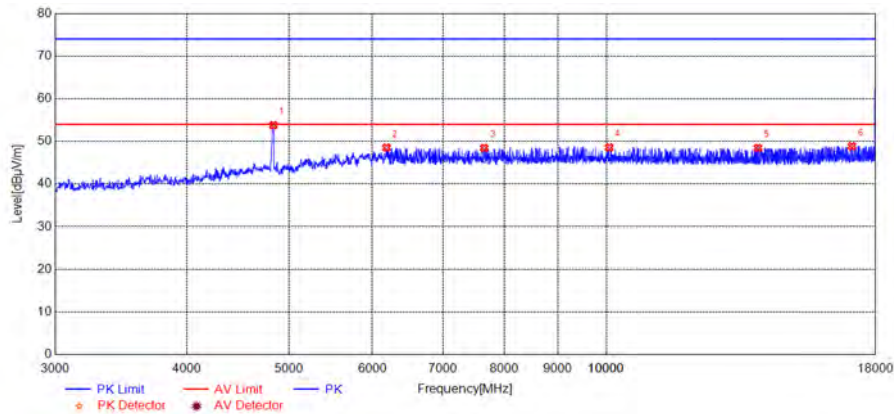
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.95	-30.81	40.00	Horizontal	PASS
106.7067	37.54	-31.14	43.50	Horizontal	PASS
114.4745	33.52	-32.29	43.50	Horizontal	PASS
197.0070	31.28	-32.17	43.50	Horizontal	PASS
360.1301	25.64	-27.24	46.00	Horizontal	PASS
948.5385	27.60	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



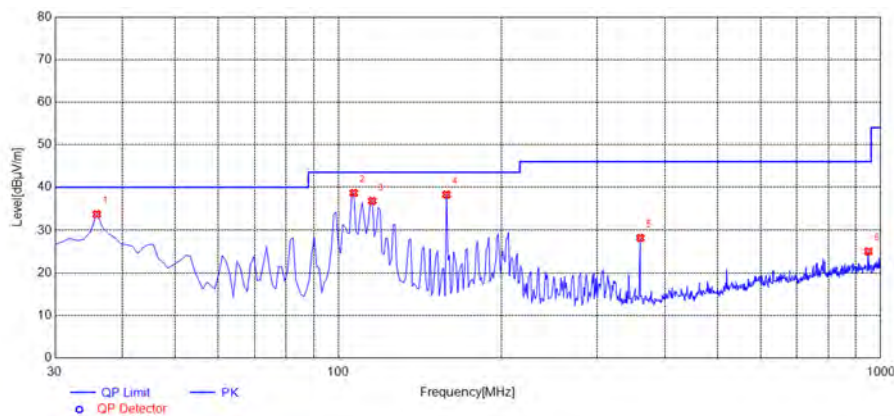
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1167.3891	36.53	-23.42	74.00	Horizontal	PASS
1386.1287	43.22	-23.66	74.00	Horizontal	PASS
1767.5892	39.33	-22.82	74.00	Horizontal	PASS
2144.3815	38.70	-21.31	74.00	Horizontal	PASS
2380.4602	44.17	-20.99	74.00	Horizontal	PASS
2904.6349	41.66	-18.10	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



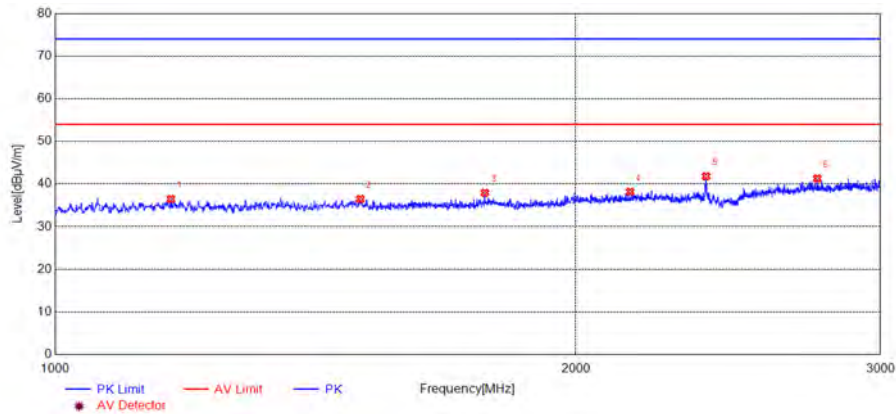
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4833.3667	53.80	-11.47	74.00	Horizontal	PASS
6186.6373	48.53	-7.19	74.00	Horizontal	PASS
7659.9320	48.46	-3.40	74.00	Horizontal	PASS
10063.4127	48.57	-0.08	74.00	Horizontal	PASS
13925.1850	48.46	6.02	74.00	Horizontal	PASS
17096.8194	48.86	7.72	74.00	Horizontal	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4833.36	-11.47	44.63	54.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



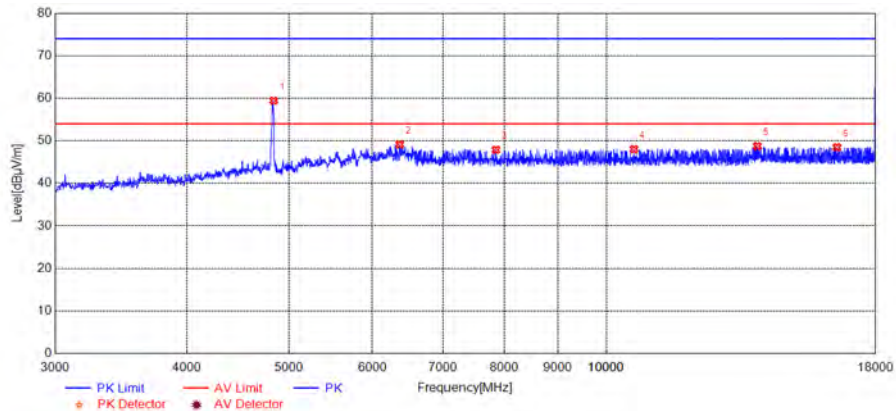
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	33.63	-30.81	40.00	Vertical	PASS
106.7067	38.65	-31.14	43.50	Vertical	PASS
115.4454	36.76	-32.53	43.50	Vertical	PASS
158.1682	38.27	-34.67	43.50	Vertical	PASS
360.1301	28.23	-27.24	46.00	Vertical	PASS
948.5385	25.06	-19.08	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1166.7222	36.48	-23.41	74.00	Vertical	PASS
1501.5005	36.47	-23.09	74.00	Vertical	PASS
1772.2574	37.95	-22.76	74.00	Vertical	PASS
2149.7166	38.18	-21.28	74.00	Vertical	PASS
2378.4595	41.82	-20.97	74.00	Vertical	PASS
2757.9193	41.31	-18.67	74.00	Vertical	PASS

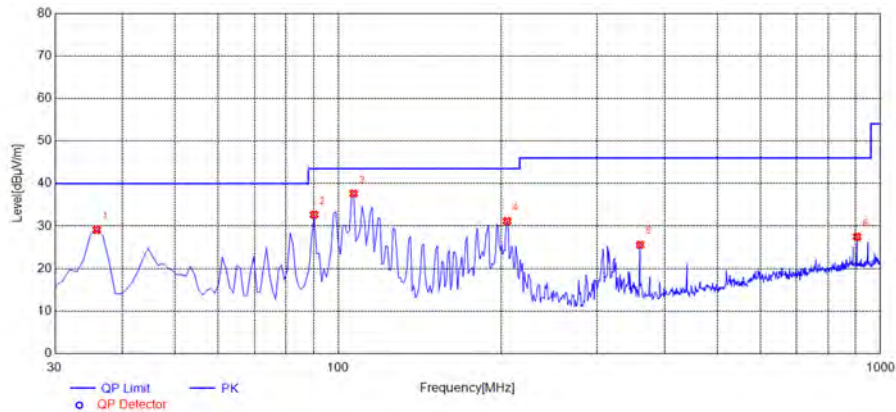
(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4836.3673	59.45	-11.45	74.00	Vertical	PASS
6369.6739	49.17	-7.07	74.00	Vertical	PASS
7857.9716	47.89	-3.79	74.00	Vertical	PASS
10624.5249	48.04	2.53	74.00	Vertical	PASS
13907.1814	48.76	6.31	74.00	Vertical	PASS
16547.7095	48.49	4.88	74.00	Vertical	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4836.36	-11.45	48.39	54.00	Vertical	PASS

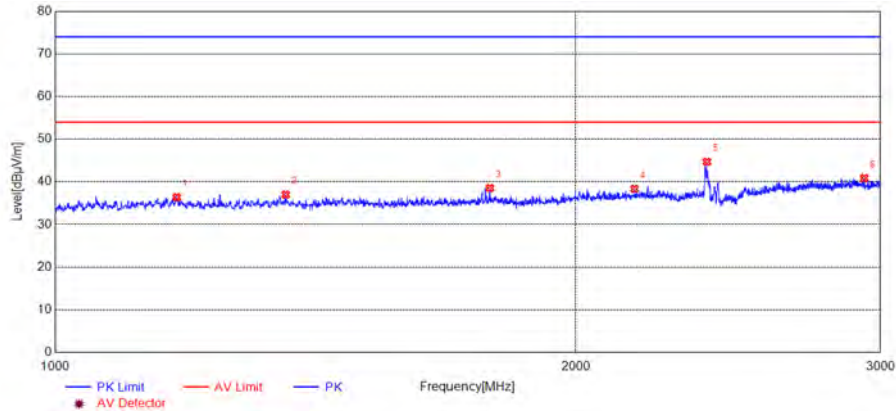
(Antenna Vertical, 3GHz to 18GHz)

Plot for Channel 7



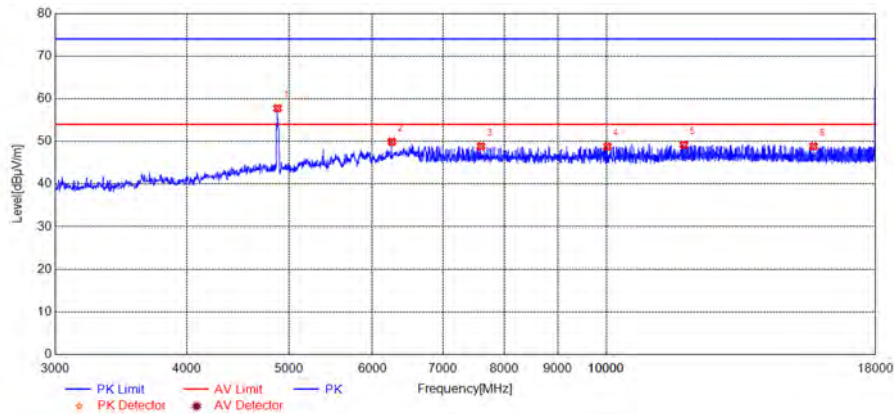
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	29.10	-30.81	40.00	Horizontal	PASS
90.2002	32.67	-32.74	43.50	Horizontal	PASS
106.7067	37.65	-31.14	43.50	Horizontal	PASS
204.7748	31.18	-31.91	43.50	Horizontal	PASS
360.1301	25.61	-27.24	46.00	Horizontal	PASS
905.8158	27.49	-19.19	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



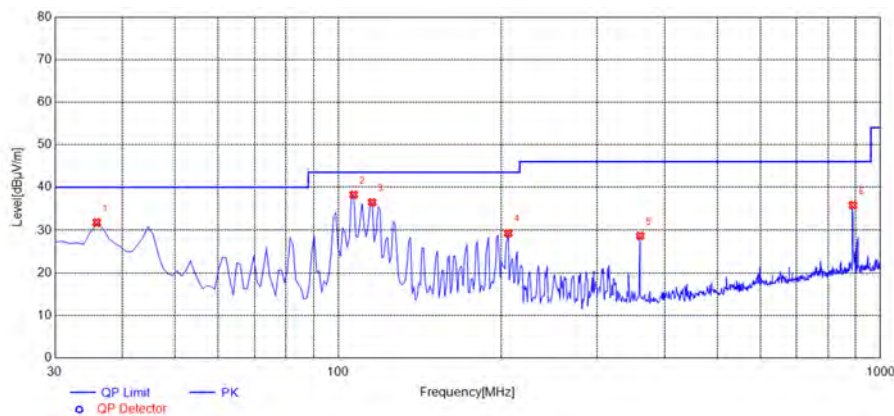
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1176.0587	36.38	-23.50	74.00	Horizontal	PASS
1359.4532	37.00	-23.30	74.00	Horizontal	PASS
1784.2614	38.55	-22.58	74.00	Horizontal	PASS
2162.3875	38.36	-21.23	74.00	Horizontal	PASS
2381.1270	44.70	-20.99	74.00	Horizontal	PASS
2935.9787	40.87	-18.45	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



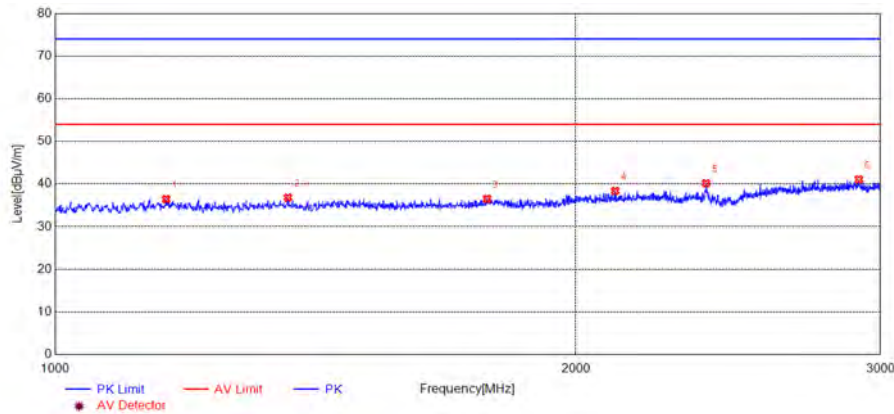
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4878.3757	57.75	-11.92	74.00	Horizontal	PASS
6261.6523	49.92	-7.33	74.00	Horizontal	PASS
7605.9212	48.86	-4.20	74.00	Horizontal	PASS
10024.4049	48.77	-0.14	74.00	Horizontal	PASS
11845.7692	49.16	2.99	74.00	Horizontal	PASS
15725.5451	48.85	4.69	74.00	Horizontal	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4878.37	-11.92	48.88	54.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



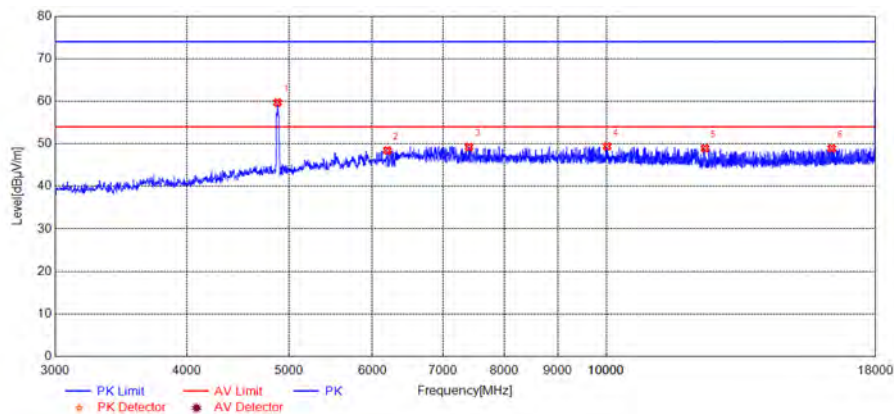
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	31.77	-30.81	40.00	Vertical	PASS
106.7067	38.25	-31.14	43.50	Vertical	PASS
115.4454	36.43	-32.53	43.50	Vertical	PASS
205.7457	29.32	-31.97	43.50	Vertical	PASS
360.1301	28.72	-27.24	46.00	Vertical	PASS
889.3093	35.78	-19.09	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1159.3865	36.46	-23.35	74.00	Vertical	PASS
1363.4545	36.82	-23.35	74.00	Vertical	PASS
1777.5925	36.51	-22.68	74.00	Vertical	PASS
2107.7026	38.40	-21.52	74.00	Vertical	PASS
2378.4595	40.18	-20.97	74.00	Vertical	PASS
2915.3051	41.11	-18.22	74.00	Vertical	PASS

(Antenna Vertical, 1GHz to 3GHz)

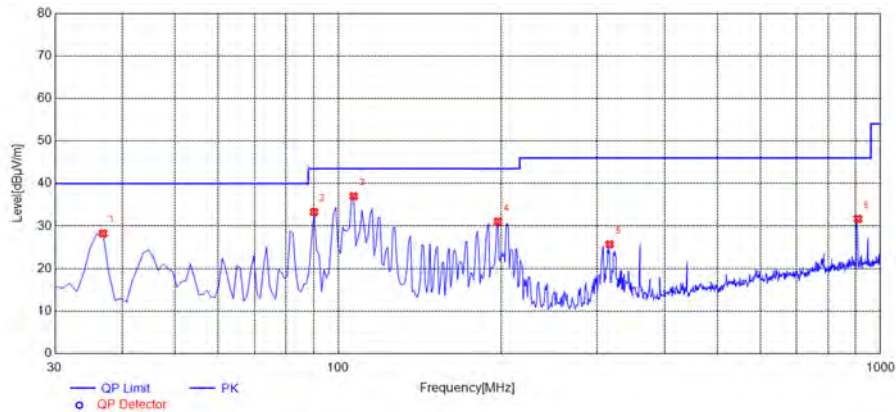


Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4878.3757	59.69	-11.92	74.00	Vertical	PASS
6201.6403	48.43	-6.83	74.00	Vertical	PASS
7410.8822	49.26	-4.57	74.00	Vertical	PASS
10018.4037	49.39	-0.12	74.00	Vertical	PASS
12406.8814	48.93	3.90	74.00	Vertical	PASS
16361.6723	48.91	6.19	74.00	Vertical	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4878.37	-11.92	49.38	54.00	Vertical	PASS

(Antenna Vertical, 3GHz to 18GHz)

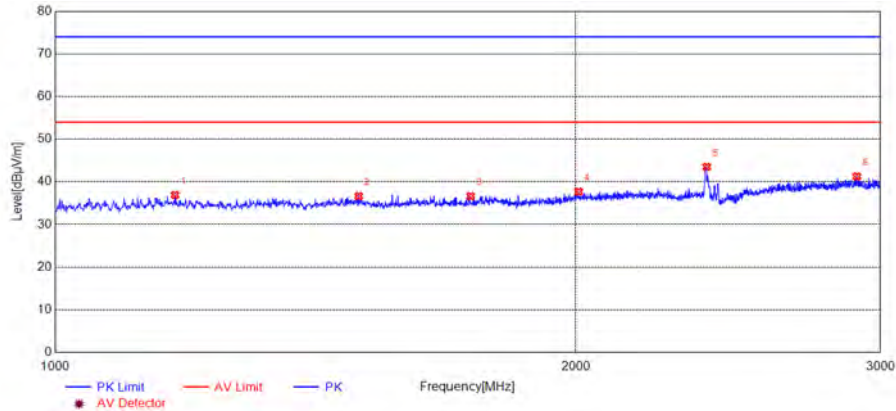


Plot for Channel 13



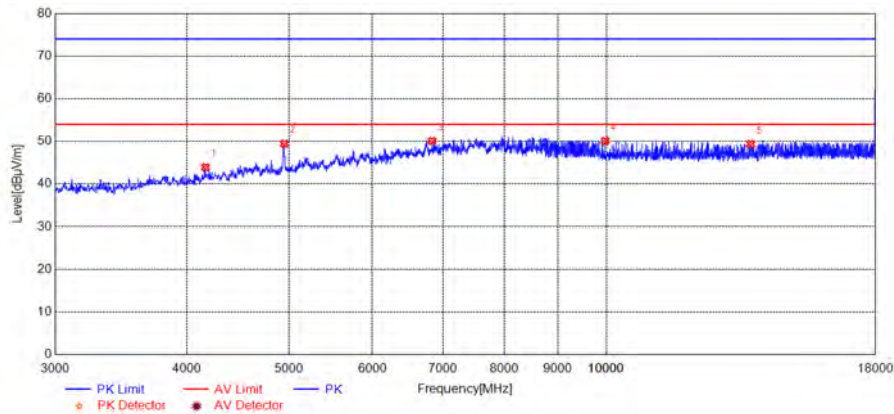
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
36.7968	28.25	-30.49	40.00	Horizontal	PASS
90.2002	33.32	-32.74	43.50	Horizontal	PASS
106.7067	37.00	-31.14	43.50	Horizontal	PASS
197.0070	31.05	-32.17	43.50	Horizontal	PASS
316.4364	25.72	-28.90	46.00	Horizontal	PASS
908.7287	31.69	-19.12	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



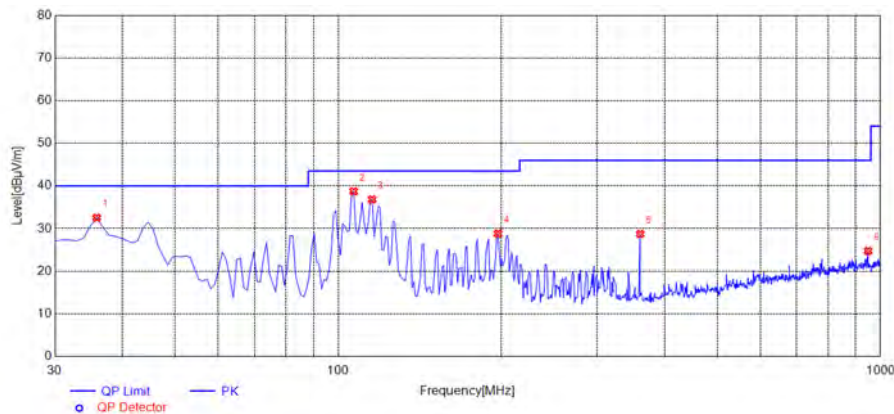
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1173.3911	36.92	-23.48	74.00	Horizontal	PASS
1498.1661	36.66	-23.07	74.00	Horizontal	PASS
1738.9130	36.64	-23.13	74.00	Horizontal	PASS
2007.6692	37.70	-21.61	74.00	Horizontal	PASS
2380.4602	43.51	-20.99	74.00	Horizontal	PASS
2907.3024	41.25	-18.13	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



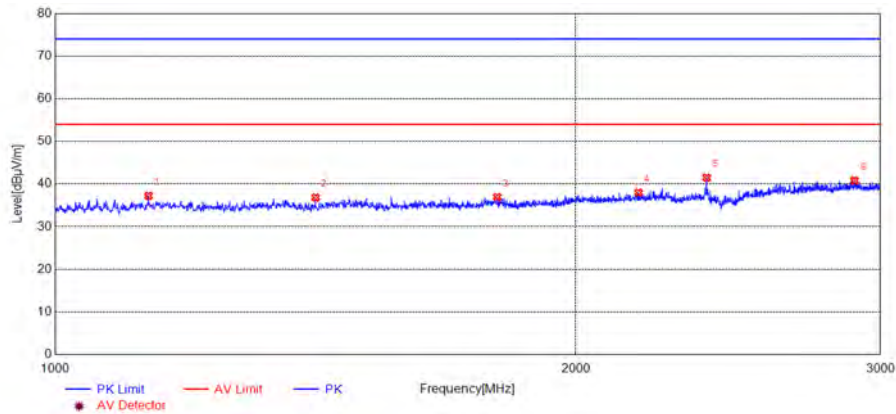
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4167.2334	43.93	-14.34	74.00	Horizontal	PASS
4950.3901	49.47	-11.08	74.00	Horizontal	PASS
6834.7670	50.08	-5.50	74.00	Horizontal	PASS
9976.3953	50.09	0.05	74.00	Horizontal	PASS
13706.1412	49.37	4.86	74.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



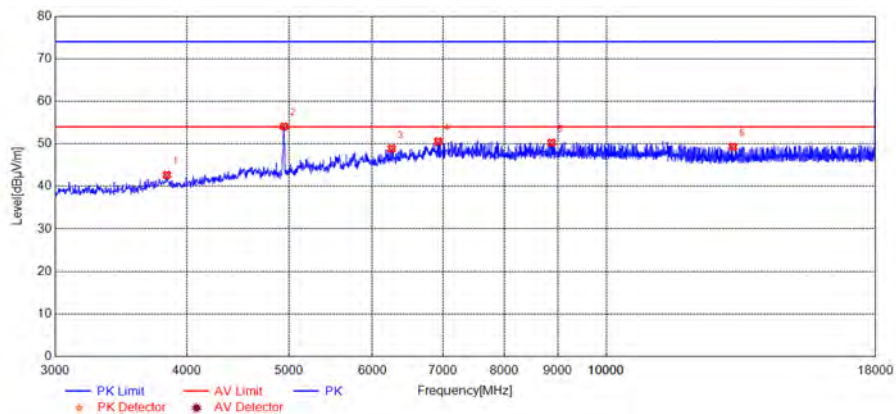
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	32.54	-30.81	40.00	Vertical	PASS
106.7067	38.73	-31.14	43.50	Vertical	PASS
115.4454	36.84	-32.53	43.50	Vertical	PASS
197.0070	28.81	-32.17	43.50	Vertical	PASS
360.1301	28.76	-27.24	46.00	Vertical	PASS
948.5385	24.74	-19.08	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1132.7109	37.24	-23.62	74.00	Vertical	PASS
1414.8049	36.84	-23.63	74.00	Vertical	PASS
1801.6005	36.94	-22.38	74.00	Vertical	PASS
2174.3915	37.99	-21.18	74.00	Vertical	PASS
2380.4602	41.49	-20.99	74.00	Vertical	PASS
2897.9660	40.83	-18.07	74.00	Vertical	PASS

(Antenna Vertical, 1GHz to 3GHz)

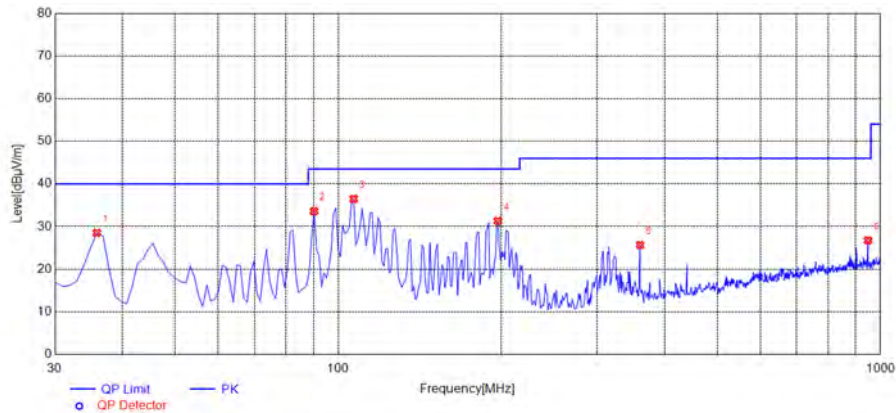


Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3831.1662	42.68	-15.47	74.00	Vertical	PASS
4947.3895	54.08	-11.15	74.00	Vertical	PASS
6258.6517	48.87	-7.37	74.00	Vertical	PASS
6927.7856	50.57	-4.94	74.00	Vertical	PASS
8875.1750	50.24	-1.21	74.00	Vertical	PASS
13190.0380	49.29	4.50	74.00	Vertical	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4947.38	-11.15	42.11	54.00	Vertical	PASS

(Antenna Vertical, 3GHz to 18GHz)

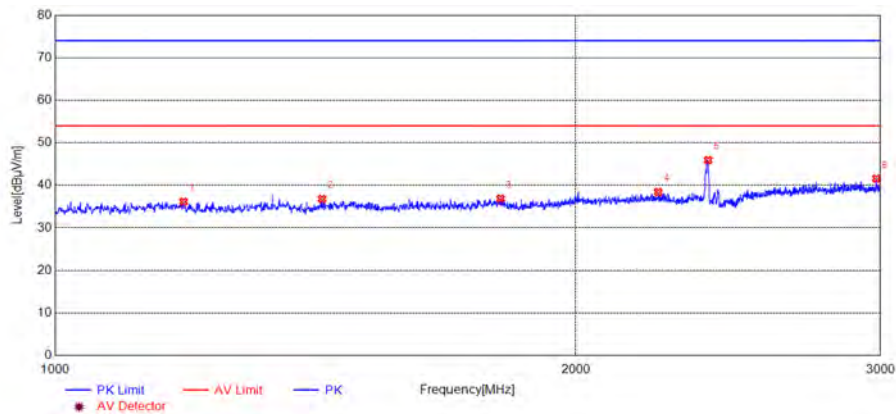
**802.11n (HT20) Mode**

Plot for Channel 1



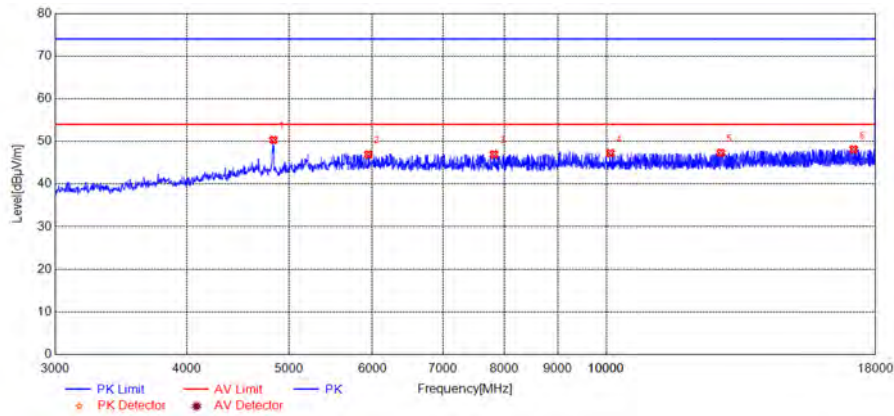
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.51	-30.81	40.00	Horizontal	PASS
90.2002	33.60	-32.74	43.50	Horizontal	PASS
106.7067	36.50	-31.14	43.50	Horizontal	PASS
197.0070	31.28	-32.17	43.50	Horizontal	PASS
360.1301	25.70	-27.24	46.00	Horizontal	PASS
948.5385	26.75	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



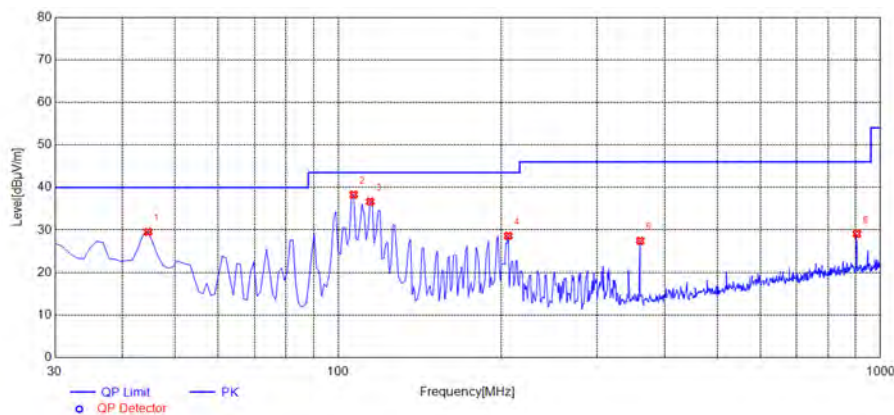
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1186.7289	36.16	-23.60	74.00	Horizontal	PASS
1426.8089	36.79	-23.45	74.00	Horizontal	PASS
1809.6032	36.89	-22.54	74.00	Horizontal	PASS
2231.7439	38.42	-21.08	74.00	Horizontal	PASS
2385.1284	45.93	-21.02	74.00	Horizontal	PASS
2983.9947	41.59	-18.43	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



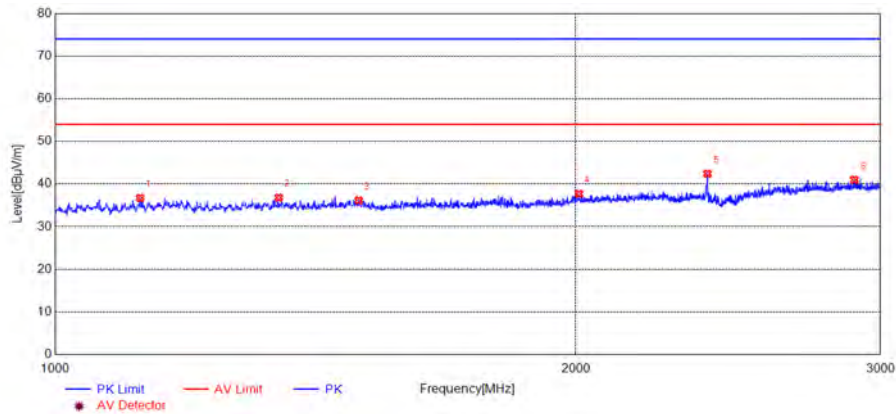
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4833.3667	50.34	-11.47	74.00	Horizontal	PASS
5946.5893	46.94	-8.01	74.00	Horizontal	PASS
7824.9650	46.97	-3.65	74.00	Horizontal	PASS
10090.4181	47.24	0.23	74.00	Horizontal	PASS
12844.9690	47.31	3.42	74.00	Horizontal	PASS
17165.8332	48.14	6.52	74.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



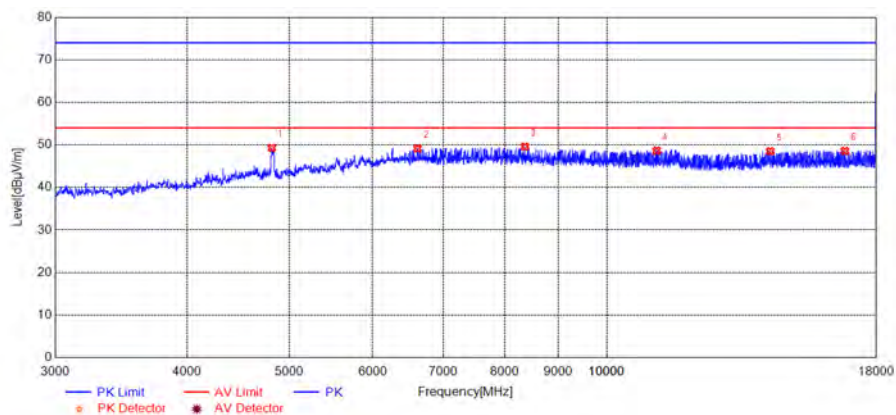
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
44.5646	29.54	-28.90	40.00	Vertical	PASS
106.7067	38.32	-31.14	43.50	Vertical	PASS
114.4745	36.67	-32.29	43.50	Vertical	PASS
205.7457	28.62	-31.97	43.50	Vertical	PASS
360.1301	27.45	-27.24	46.00	Vertical	PASS
904.8448	29.10	-19.21	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1120.0400	36.73	-23.88	74.00	Vertical	PASS
1346.7823	36.81	-23.21	74.00	Vertical	PASS
1498.1661	36.16	-23.07	74.00	Vertical	PASS
2008.3361	37.71	-21.61	74.00	Vertical	PASS
2383.1277	42.41	-21.01	74.00	Vertical	PASS
2897.2991	41.01	-18.07	74.00	Vertical	PASS

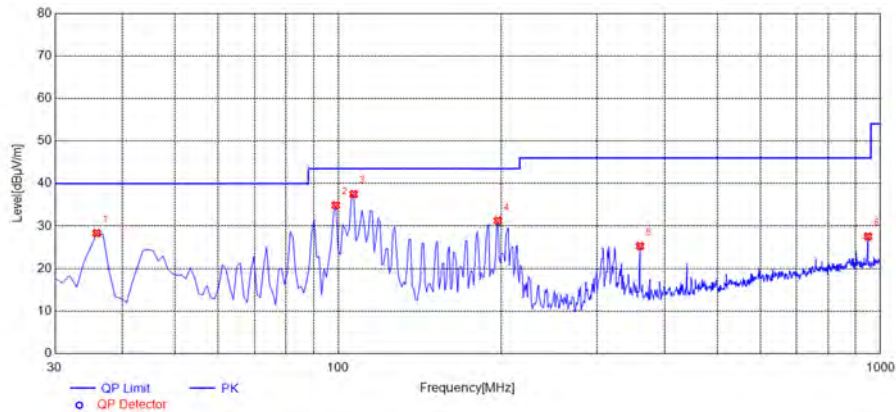
(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4815.3631	49.30	-11.58	74.00	Vertical	PASS
6615.7231	49.16	-6.62	74.00	Vertical	PASS
8365.0730	49.58	-2.29	74.00	Vertical	PASS
11149.6299	48.68	2.89	74.00	Vertical	PASS
14288.2577	48.51	6.66	74.00	Vertical	PASS
16811.7624	48.61	6.89	74.00	Vertical	PASS

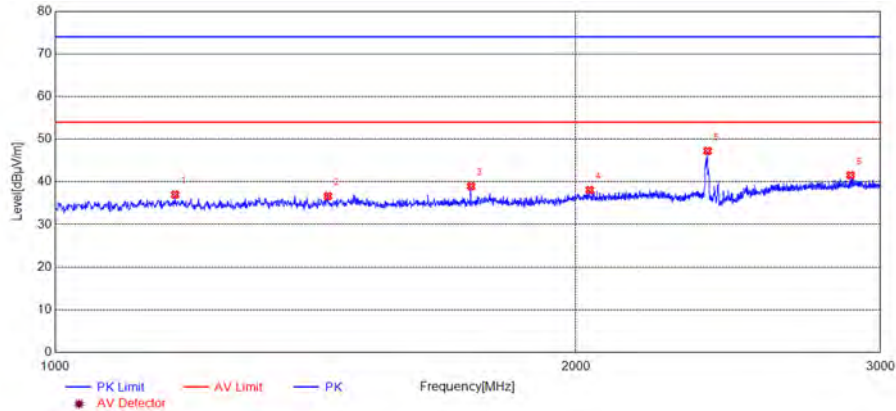
(Antenna Vertical, 3GHz to 18GHz)

Plot for Channel 7



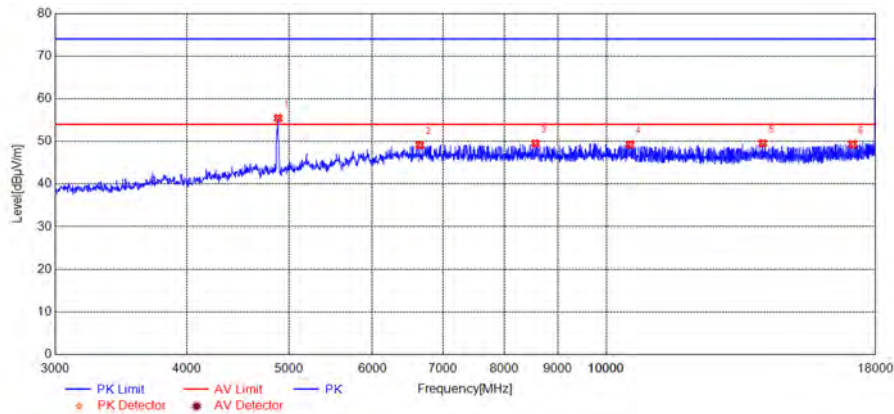
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.33	-30.81	40.00	Horizontal	PASS
98.9389	34.89	-31.20	43.50	Horizontal	PASS
106.7067	37.51	-31.14	43.50	Horizontal	PASS
197.0070	31.26	-32.17	43.50	Horizontal	PASS
360.1301	25.30	-27.24	46.00	Horizontal	PASS
948.5385	27.56	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



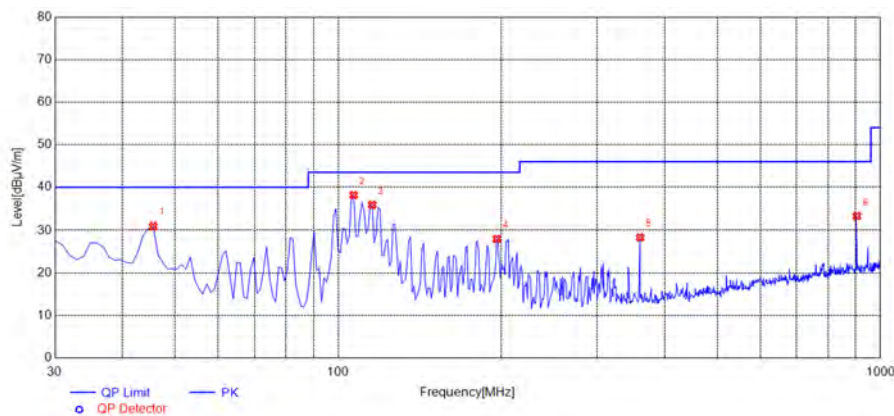
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1173.3911	37.00	-23.48	74.00	Horizontal	PASS
1438.1460	36.66	-23.28	74.00	Horizontal	PASS
1739.5799	38.98	-23.13	74.00	Horizontal	PASS
2037.6792	38.07	-21.67	74.00	Horizontal	PASS
2383.7946	47.25	-21.01	74.00	Horizontal	PASS
2882.6275	41.57	-18.19	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



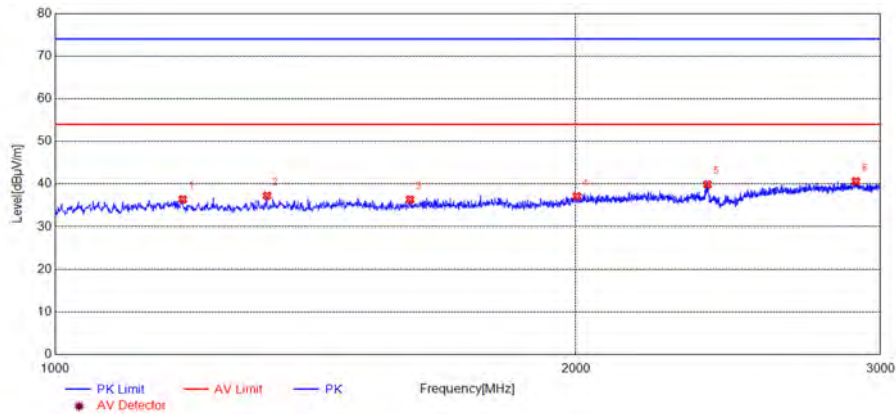
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4884.3769	55.43	-12.04	74.00	Horizontal	PASS
6654.7309	49.13	-5.97	74.00	Horizontal	PASS
8566.1132	49.52	-2.55	74.00	Horizontal	PASS
10528.5057	49.26	2.58	74.00	Horizontal	PASS
14075.2150	49.56	6.57	74.00	Horizontal	PASS
17120.8242	49.34	7.12	74.00	Horizontal	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4884.37	-12.04	47.97	54.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



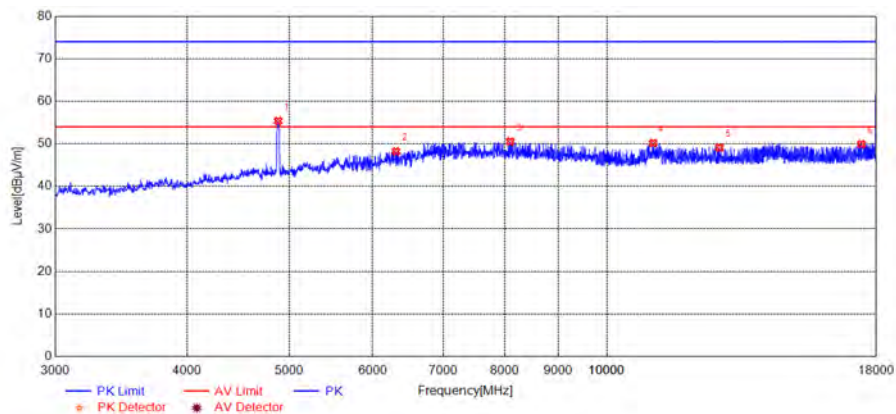
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
45.5355	30.93	-28.85	40.00	Vertical	PASS
106.7067	38.14	-31.14	43.50	Vertical	PASS
115.4454	35.85	-32.53	43.50	Vertical	PASS
196.0360	27.98	-32.08	43.50	Vertical	PASS
360.1301	28.34	-27.24	46.00	Vertical	PASS
904.8448	33.22	-19.21	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1185.3951	36.38	-23.59	74.00	Vertical	PASS
1326.1087	37.26	-23.43	74.00	Vertical	PASS
1604.2014	36.34	-23.19	74.00	Vertical	PASS
2003.0010	37.12	-21.60	74.00	Vertical	PASS
2383.1277	39.89	-21.01	74.00	Vertical	PASS
2903.3011	40.62	-18.09	74.00	Vertical	PASS

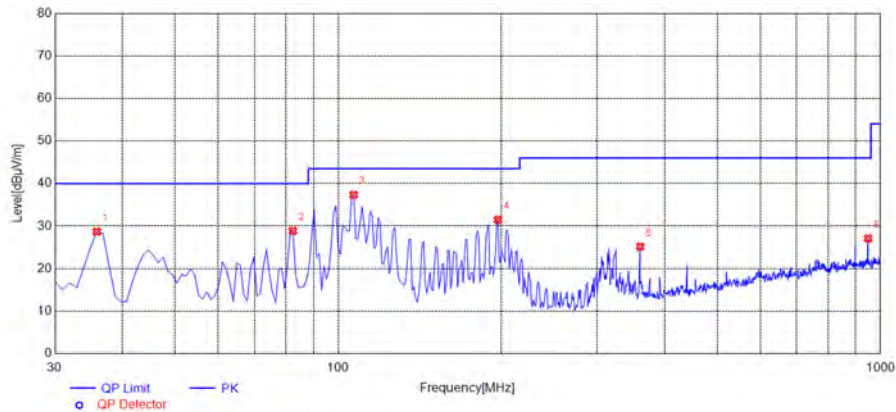
(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
4881.3763	55.37	-11.98	74.00	Vertical	PASS
6312.6625	48.22	-6.95	74.00	Vertical	PASS
8101.0202	50.54	-3.33	74.00	Vertical	PASS
11059.6119	50.18	1.96	74.00	Vertical	PASS
12784.9570	49.11	3.87	74.00	Vertical	PASS
17432.8866	49.93	9.54	74.00	Vertical	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4881.37	-11.98	44.26	54.00	Vertical	PASS

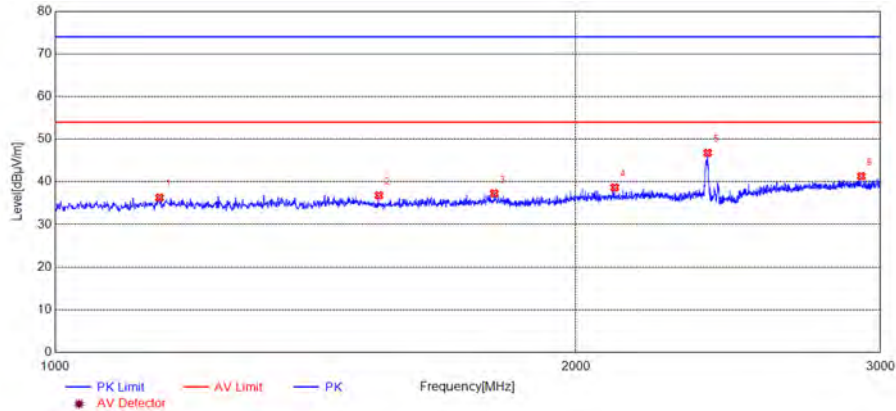
(Antenna Vertical, 3GHz to 18GHz)

Plot for Channel 13



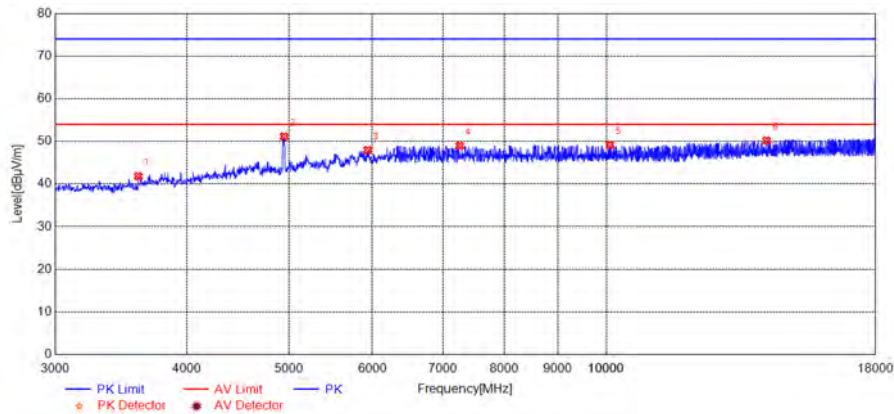
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	28.69	-30.81	40.00	Horizontal	PASS
82.4324	28.88	-34.57	40.00	Horizontal	PASS
106.7067	37.35	-31.14	43.50	Horizontal	PASS
197.0070	31.47	-32.17	43.50	Horizontal	PASS
360.1301	25.18	-27.24	46.00	Horizontal	PASS
948.5385	27.11	-19.08	46.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 1GHz)



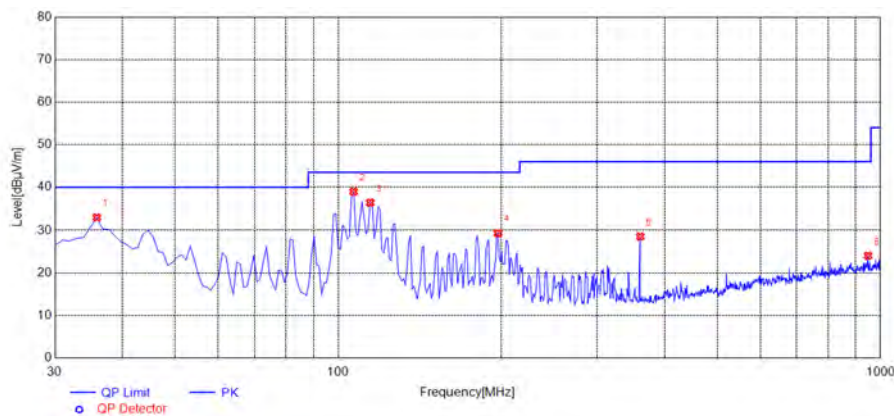
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1149.3831	36.28	-23.27	74.00	Horizontal	PASS
1538.8463	36.82	-23.56	74.00	Horizontal	PASS
1794.2648	37.31	-22.43	74.00	Horizontal	PASS
2106.3688	38.66	-21.52	74.00	Horizontal	PASS
2383.7946	46.79	-21.01	74.00	Horizontal	PASS
2924.6415	41.32	-18.33	74.00	Horizontal	PASS

(Antenna Horizontal, 1GHz to 3GHz)



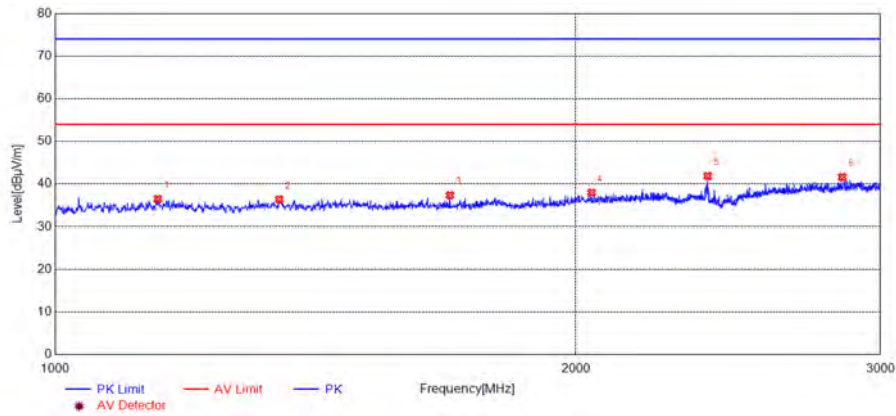
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3600.1200	41.81	-16.57	74.00	Horizontal	PASS
4947.3895	51.15	-11.15	74.00	Horizontal	PASS
5937.5875	47.97	-8.05	74.00	Horizontal	PASS
7260.8522	48.96	-3.04	74.00	Horizontal	PASS
10078.4157	49.15	0.09	74.00	Horizontal	PASS
14192.2384	50.19	6.18	74.00	Horizontal	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4947.381	-11.15	39.09	54.00	Horizontal	PASS

(Antenna Horizontal, 3GHz to 18GHz)



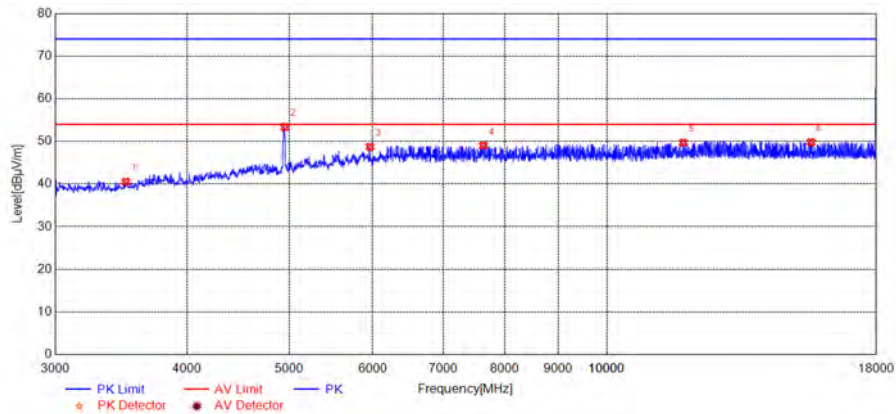
Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
35.8258	32.90	-30.81	40.00	Vertical	PASS
106.7067	38.98	-31.14	43.50	Vertical	PASS
114.4745	36.37	-32.29	43.50	Vertical	PASS
197.0070	29.33	-32.17	43.50	Vertical	PASS
360.1301	28.56	-27.24	46.00	Vertical	PASS
948.5385	24.04	-19.08	46.00	Vertical	PASS

(Antenna Vertical, 30MHz to 1GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
1146.7156	36.47	-23.33	74.00	Vertical	PASS
1348.1160	36.37	-23.19	74.00	Vertical	PASS
1691.5639	37.37	-23.29	74.00	Vertical	PASS
2042.3474	37.98	-21.68	74.00	Vertical	PASS
2383.7946	41.88	-21.01	74.00	Vertical	PASS
2851.2838	41.62	-18.43	74.00	Vertical	PASS

(Antenna Vertical, 1GHz to 3GHz)



Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Antenna	Verdict
3501.1002	40.53	-16.44	74.00	Vertical	PASS
4953.3907	53.35	-11.10	74.00	Vertical	PASS
5964.5929	48.72	-8.19	74.00	Vertical	PASS
7638.9278	49.00	-3.41	74.00	Vertical	PASS
11815.7632	49.71	2.51	74.00	Vertical	PASS
15614.5229	49.83	6.00	74.00	Vertical	PASS
Freq. [MHz]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	Antenna	Verdict
4953.39	-11.10	40.04	54.00	Vertical	PASS

(Antenna Vertical, 3GHz to 18GHz)

END OF REPORT