

RF TEST REPORT

For

Shenzhen Puso Life Technology Co., Ltd
Product Name: Intelligent Moxibustion Robot

Test Model(s): Phmc-Z

Report Reference No. : DACE251217006RL001

Applicant's Name : Shenzhen Puso Life Technology Co., Ltd

Address : 3rd Floor, Building 9 Zhongyuntai Technology Industrial Park
Shiyan Street, Bao'an District Shenzhen, Guangdong Province

Testing Laboratory : Shenzhen DACE Testing Technology Co., Ltd.

Address : 102, Building H1, & 1/F., Building H, Hongfa Science & Technology Park,
Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen,
Guangdong, China

Test Specification Standard : Article 2-1, Item 19

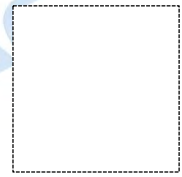
Date of Receipt : December 17, 2025

Date of Test : December 17, 2025 to January 16, 2026

Date of Issue : January 16, 2026

Result : Pass

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Apply for company information

Applicant's Name	:	Shenzhen Puso Life Technology Co., Ltd
Address	:	3rd Floor, Building 9 Zhongyuntai Technology Industrial Park Shiyan Street, Bao'an District Shenzhen, Guangdong Province
Product Name	:	Intelligent Moxibustion Robot
Test Model(s)	:	Phmc-Z
Series Model(s)	:	Phmc-A01, Phmc-A02, Phmc-A03, Phmc-A04, Phmc-A05
Test Specification Standard(s)	:	Article 2-1, Item 19

NOTE1:

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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January 16, 2026

Supervised by:

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January 16, 2026

Approved by:

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January 16, 2026

Revision History Of Report

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6. FREQUENCY TOLERANCE 49

1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

Article 2-1, Item 19 : 2.4GHz for SRD/BT/WIFI

1.2 Summary of Test Result

Item	Standard	Method	Requirement	Result
Tolerance of Frequency	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
Occupied Bandwidth (99%)	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
Antenna Power and Tolerance	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
Spurious Emission Intensity	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
Secondary Radiated Emissions	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
Interference Prevention Function	Article 2-1, Item 19	Notification No.88 of MIC, 2004, annex 1 and annex 43	Article 2-1, Item 19	Pass
RF Accessibility	Article 2-1, Item 19	/	Article 49-20, paragraph 1(a)	Pass

Note: 1. N/A-- Not applicable to the this test clause.

2. The results of all conduction method include cable loss.

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name : Shenzhen Puso Life Technology Co., Ltd
Address : 3rd Floor, Building 9 Zhongyuntai Technology Industrial Park
Shiyan Street, Bao'an District Shenzhen, Guangdong Province

Manufacturer : Shenzhen Puso Life Technology Co., Ltd
Address : 3rd Floor, Building 9 Zhongyuntai Technology Industrial Park
Shiyan Street, Bao'an District Shenzhen, Guangdong Province

2.2 Description of Device (EUT)

Product Name:	Intelligent Moxibustion Robot
Model/Type reference:	Phmc-Z
Series Model:	Phmc-A01, Phmc-A02, Phmc-A03, Phmc-A04, Phmc-A05
Model Difference:	All the model are the same circuit and RF module, only for model name. Test sample model: Phmc-Z
Trade Mark:	PUSO
Power Supply:	AC 100-240V 50/60Hz
Operation Frequency:	2402-2480MHz
Number of Channels:	40CH
Modulation Type:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	1.12dBi
Bluetooth Version:	V5.1
Hardware Version:	V1.0
Software Version:	V1.0

2.3 Description of Test Modes

No	Title	Description
TM1	TX mode	Keep EUT in transmitting mode
TM2	RX mode	Keep EUT in receiving mode
Test Environment		Normal Voltage(AC): 100V

2.4 Channel list:

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

The Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	Frequency (MHz)
	BLE(1Mbps, 2Mbps)
Lowest channel	2402MHz
Middle channel	2440MHz
Highest channel	2480MHz

2.5 Test Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature	Normal Temperature:	25°C
Voltage	Normal Voltage	AC: 100V
	Low Voltage	AC: 90V
	High Voltage	AC: 110V
Other	Relative Humidity	54 %
	Air Pressure	101 kPa

When the external power supply voltage is normal Voltage/ low Voltage/ high Voltage, in the RF circuit, monitor the BT chip power supply voltage, the voltage is as follows:

External power supply	module input power	RF chip voltage	Tolerance (%)
AC: 100V	DC 3.3V	DC 3.3V	0
AC: 90V	DC 3.3V	DC 3.3V	0
AC: 110V	DC 3.3V	DC 3.3V	0

Note: The power supply supplies the voltage rating and the voltage rating $\pm 10\%$. However, when it can be confirmed that the change of the input voltage to the wireless part circuit of the testing machine is $\pm 1\%$ or less when the input voltage to the testing machine from the external source changes at $\pm 10\%$, examines it only by the voltage rating.

2.6 Description of Support Units

The EUT was tested as an independent device.

2.7 Equipments Used During The Test

Spurious Emission Intensity Secondary Radiated Emissions Tolerance of Frequency Occupied Bandwidth (99%) Antenna Power and Tolerance					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Test Software	Tachoy Information Technology(shenzhen) Co.,Ltd.	RTS-01	V1.0.0	/	/
RF Sensor Unit	Tachoy Information Technology(shenzhen) Co.,Ltd.	TR1029-2	000001	/	/
Wideband radio communication tester	R&S	CMW500	113410	2025-04-25	2026-04-24
Vector Signal Generator	Keysight	N5181A	MY50143455	2025-12-02	2026-12-01
Signal Generator	Keysight	N5182A	MY48180415	2025-12-02	2026-12-01
Spectrum Analyzer	Keysight	N9020A	MY53420323	2025-12-02	2026-12-01

2.8 Statement Of The Measurement Uncertainty

Test Item	Measurement Uncertainty
Radio Frequency	$\pm 2 \times 10^{-7}$
Occupied Bandwidth	$\pm 3.63\%$
RF conducted power	$\pm 0.733\text{dB}$
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3 Evaluation Results (Evaluation)

3.1 Interference Prevention Function

Test Requirement:	The EUT shall support one of the following functions: - Automatic identification transmission - Automatic identification reception
Test Method:	Notification No.88 of MIC, 2004
Procedure:	(1) For EUTs capable of automatically transmitting identification data a. Transmit identification data from EUT to Demodulator b. Confirm identification data is correctly received by Demodulator (2) For EUTs capable of automatically receiving identification data a. Transmit identification data from Link Partner to EUT b. Confirm communication link is established c. Link Partner shall respond by transmitting different identification data back to the EUT d. Confirm EUT stops transmitting, or confirm EUT recognizes that the two identification data are different

3.1.1 Conclusion:

The detected ID of the device is below:
Bluetooth Device Address: 2222C88A0249

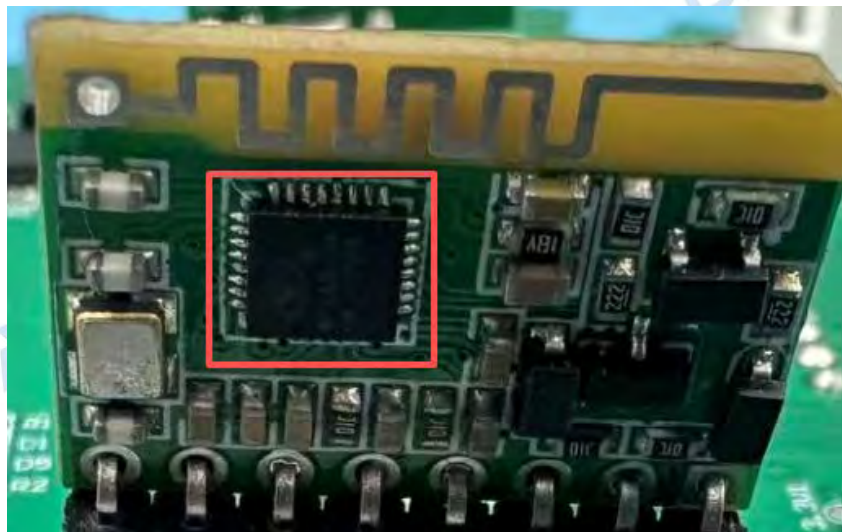
Test result: The device meet the requirements
PASS

3.2 RF Accessibility

Test Requirement:	The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.
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3.2.1 Conclusion:

Tamper proof declaration: ☐ Sealed with special screws. ☐ Plastic chassis is being welded using ultrasonic waves. ☐ Chassis is glued using a special adhesive ☐ Metal covers are spot-fused. ☐ Cover is specially interlocked. ☒ RF and modulation components are covered with shielding case and this shielding case is soldered. ☐ Shielded case is welded at RF and modulation parts, and ID-ROM is welded using the BGA method. ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive. ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent. ☐ RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable parts on PCB or adjustable parts are not exposed.



4 Radio Spectrum Matter Test Results (RF)

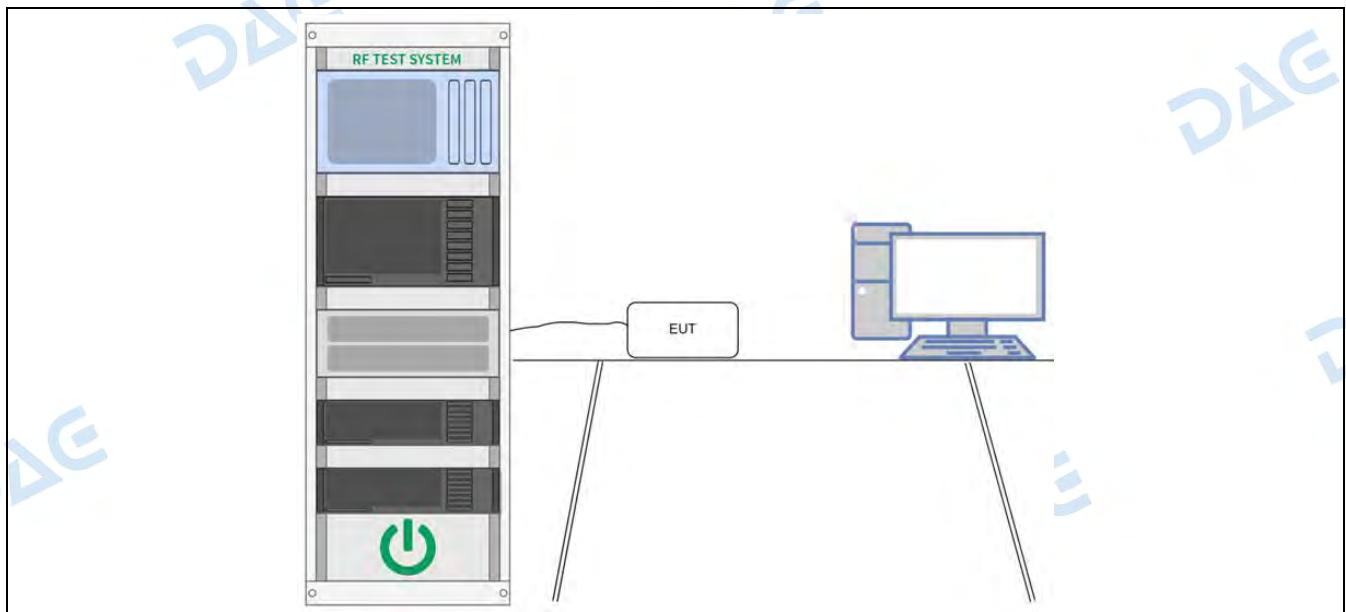
4.1 Tolerance of Frequency

Test Requirement:	Article 2-1, Item 19		
Test Limit:	±50ppm or less.		
Test Method:	Notification No.88 of MIC, 2004		
Procedure:	Center frequency:	Test frequency	
	Span:	1 MHz	
	RBW:	10 kHz	
	VBW:	10 kHz	
	Sweep data points:	1001 or greater	
	Sweep time:	Auto	
	Detector mode:	Positive peak	
	Indication mode:	Max hold	
	(1) Find the peak carrier signal and measure its frequency		
	(2) For multiple antenna systems each antenna shall be measured		
(3) For an EUT with multiple antennas it is permissible to test a single antenna only, provided all the antenna measurement values are expected to be same for either of the following reasons:			
a) The frequency of all antenna transmissions are phase-synchronized to a common (fundamental) oscillator			
b) The antenna transmissions share a common clock signal			

4.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.6 °C	Humidity:	50 %	Atmospheric Pressure:	101.3 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

4.1.2 Test Setup Diagram:



4.1.3 Test Data:

Please Refer to Appendix for Details.

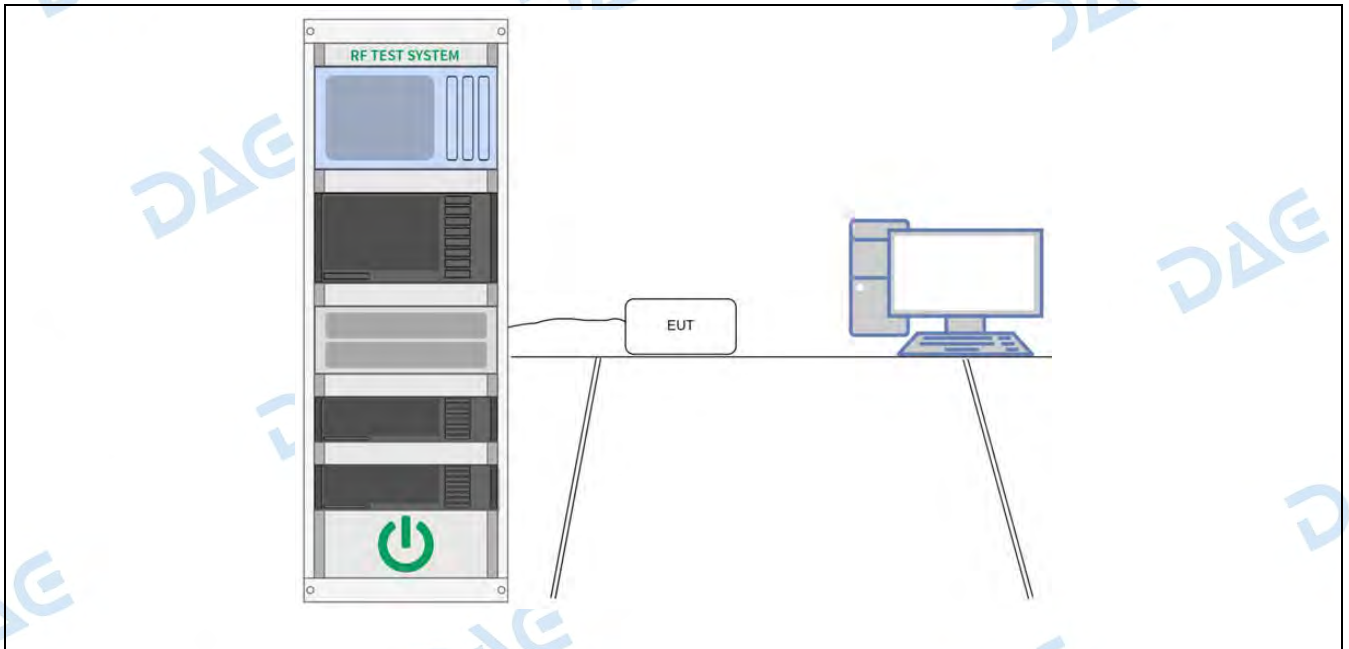
4.2 Occupied Bandwidth (99%)

Test Requirement:	Article 2-1, Item 19																		
Test Limit:	For DSSS or other modulation: The measured bandwidth at the low and high channels shall meet the following requirements: - The lowest frequency of the measured bandwidth shall not be less than 2400 MHz - The highest frequency of the measured bandwidth shall not be greater than 2483.5 MHz [Occupied Bandwidth] 26 MHz or less																		
Test Method:	Notification No.88 of MIC, 2004																		
Procedure:	<table border="1"> <tr> <td>Center Frequency:</td><td>Test frequency</td></tr> <tr> <td>Span:</td><td>2 - 3.5 times the technical standard</td></tr> <tr> <td>RBW:</td><td>Within 3% of the technical standard</td></tr> <tr> <td>VBW:</td><td>Same as RBW</td></tr> <tr> <td>Sweep time:</td><td>Auto</td></tr> <tr> <td>Sweep data points:</td><td>1001 or greater</td></tr> <tr> <td>Detector mode:</td><td>Positive peak</td></tr> <tr> <td>Indication mode:</td><td>Max hold</td></tr> <tr> <td>BW setting:</td><td>99%</td></tr> </table> (1) Measure the signal bandwidth using a spectrum analyzer (2) For multiple antenna systems: a) Each antenna shall be individually measured b) If the measured occupied bandwidth for any antenna exceeds [(Occupied Bandwidth Limit) – 100kHz] then, in addition, the occupied bandwidth shall be measured with all antennas combined – see diagram below: System with four Antennas	Center Frequency:	Test frequency	Span:	2 - 3.5 times the technical standard	RBW:	Within 3% of the technical standard	VBW:	Same as RBW	Sweep time:	Auto	Sweep data points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold	BW setting:	99%
Center Frequency:	Test frequency																		
Span:	2 - 3.5 times the technical standard																		
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VBW:	Same as RBW																		
Sweep time:	Auto																		
Sweep data points:	1001 or greater																		
Detector mode:	Positive peak																		
Indication mode:	Max hold																		
BW setting:	99%																		

4.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.7 °C	Humidity:	46 %	Atmospheric Pressure:	101.3 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

4.2.2 Test Setup Diagram:



4.2.3 Test Data:

Please Refer to Appendix for Details.

4.3 Antenna Power and Tolerance

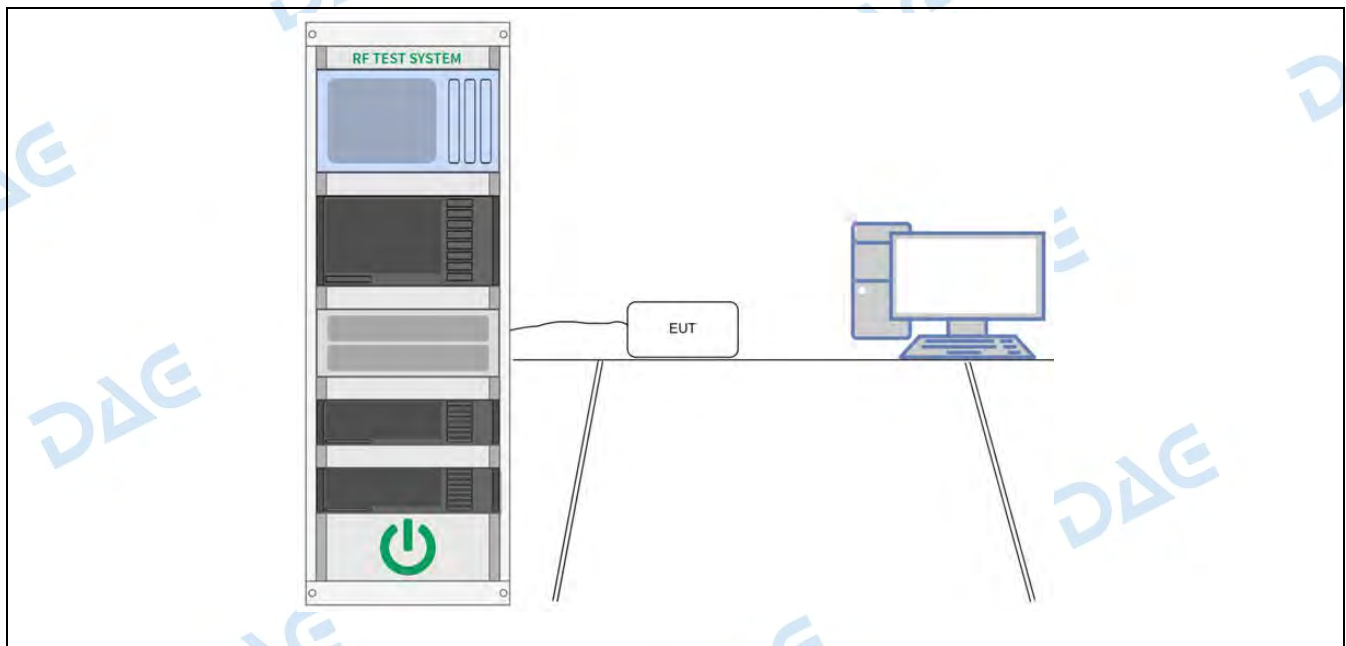
Test Requirement:	Article 2-1, Item 19																																																									
Test Limit:	Antenna Power: 10 mW or less Tolerance: +20% or less EIRP: 22.14dBm																																																									
Test Method:	Notification No.88 of MIC, 2004																																																									
Procedure:	<table><tr><td colspan="2">[Setting 1] – Search for peak power frequency</td></tr><tr><td>Center Frequency:</td><td>Test frequency</td></tr><tr><td>Span:</td><td>Approximately twice the occupied bandwidth</td></tr><tr><td>RBW:</td><td>1MHz</td></tr><tr><td>VBW:</td><td>Approximately three times the RBW</td></tr><tr><td>Sweep time:</td><td>Auto</td></tr><tr><td>Sweep data points:</td><td>1001 or greater</td></tr><tr><td>Detector mode:</td><td>Positive peak</td></tr><tr><td>Indication mode:</td><td>Max hold</td></tr><tr><td></td><td></td></tr><tr><td colspan="2">[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM</td></tr><tr><td>Frequency:</td><td>Frequency of peak power found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>3 MHz (FHSS-Channel Spacing ≤ 1MHz) 1MHz (DSSS, OFDM, FHSS-Channel Spacing > 1MHz)</td></tr><tr><td>Detector mode:</td><td>Sample</td></tr><tr><td>Sweep:</td><td>Minimum time required to make an accurate measurement.</td></tr><tr><td></td><td>For burst type (intermittent) transmission sweep time shall be greater than one burst interval</td></tr><tr><td>Sweep data points:</td><td>1001 or greater</td></tr><tr><td></td><td></td></tr><tr><td colspan="2">[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM</td></tr><tr><td>Frequency:</td><td>Frequency of peak power found using [Setting 1]</td></tr><tr><td>Span:</td><td>0 Hz</td></tr><tr><td>RBW:</td><td>Bandwidth sufficient to cover that occupied by the carrier</td></tr><tr><td>VBW:</td><td>Bandwidth sufficient to cover that occupied by the carrier</td></tr><tr><td>Detector mode:</td><td>Sample</td></tr><tr><td>Sweep:</td><td>Minimum time required to make an accurate measurement.</td></tr><tr><td></td><td>For burst type (intermittent) transmission sweep time shall be greater than one burst interval</td></tr><tr><td>Sweep data</td><td>1001 or greater</td></tr></table>		[Setting 1] – Search for peak power frequency		Center Frequency:	Test frequency	Span:	Approximately twice the occupied bandwidth	RBW:	1MHz	VBW:	Approximately three times the RBW	Sweep time:	Auto	Sweep data points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold			[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM		Frequency:	Frequency of peak power found using [Setting 1]	Span:	0 Hz	RBW:	3 MHz (FHSS-Channel Spacing ≤ 1MHz) 1MHz (DSSS, OFDM, FHSS-Channel Spacing > 1MHz)	Detector mode:	Sample	Sweep:	Minimum time required to make an accurate measurement.		For burst type (intermittent) transmission sweep time shall be greater than one burst interval	Sweep data points:	1001 or greater			[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM		Frequency:	Frequency of peak power found using [Setting 1]	Span:	0 Hz	RBW:	Bandwidth sufficient to cover that occupied by the carrier	VBW:	Bandwidth sufficient to cover that occupied by the carrier	Detector mode:	Sample	Sweep:	Minimum time required to make an accurate measurement.		For burst type (intermittent) transmission sweep time shall be greater than one burst interval	Sweep data	1001 or greater
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	points:	
	(1) After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power	
	(2) After configuring the spectrum analyzer to [Setting 3], measure the Average Burst Power of the frequency found in (1)	
	Antenna Power (Watts) = Average Burst Power	

4.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.4 °C	Humidity:	52 %	Atmospheric Pressure:	101.3 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

4.3.2 Test Setup Diagram:



4.3.3 Test Data:

Please Refer to Appendix for Details.

4.4 Spurious Emission Intensity

Test Requirement:	Article 2-1, Item 19	
Test Limit:	(1) Below 2387 MHz: 2.5 μ W (-26 dBm)/MHz or less (2) 2387 to 2400 MHz: 25.0 μ W (-16 dBm)/MHz or less (3) 2483.5 to 2496.5 MHz: 25.0 μ W (-16 dBm)/MHz or less (4) Over 2496.5 MHz: 2.5 μ W (-26 dBm)/MHz or less	
Test Method:	Notification No.88 of MIC, 2004	
Procedure:	[Setting 1]	
	Frequency range:	(see Note 1)
	RBW:	1 MHz
	VBW:	1 MHz
	Sweep time:	Minimum time required to make an accurate measurement
	Sweep Data Points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold (see Note 2)
	Note 1:	Measurement range shall be 30 MHz to 12.5 GHz, except for the following cases: -FHSS, FHSS+DSSS, FHSS+OFDM:2374 MHz to 2509.5 MHz -Other than FHSS, FHSS+DSSS, FHSS+OFDM: 2400 MHz to 2483.5 MHz
	Note 2:	Sweep shall be repeated until the max hold waveform is stable.
	[Setting 2]	
	Center frequency:	Frequency of spurious emission found using [Setting 1]
	Span:	0 Hz
	RBW:	1 MHz
	VBW:	1 MHz
	Sweep time:	Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval
	Sweep Data Points:	1001 or greater
	Detector mode:	Sample
	[Setting 3]	
	Frequency range:	2374 MHz to 2400 MHz 2483.5 MHz to 2509.5 MHz
	RBW:	30 kHz
	VBW:	30 kHz
	Sweep time:	Minimum time required to make an accurate measurement.

Sweep data points:	1001 or greater
--------------------	-----------------

Detector mode:	Positive peak
----------------	---------------

Indication mode:	Max hold
------------------	----------

(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2)

(2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude.

If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.

If spurious emissions ranging from 30 MHz to 2374 MHz and from 2509.5MHz to 12.5GHz are over the limit, then the test result is Fail.

If spurious emissions ranging from 2374 MHz to 2400 MHz and from 2483.5 MHz to 2509.5 MHz are over the limit, then further detailed measurements are required, go to step (3)

(3) In the following cases, measure the spurious emissions using [Setting 3]

- Case1: FHSS, FHSS+DSSS, FHSS+OFDM

- Case2: Other than FHSS, FHSS+DSSS, FHSS+OFDM, and the spurious emissions in step (2) are over the limit

(4) Calculate the spurious emission value (Calculated Value) using following the formula below:

Calculated Value = (Measured Value using (3) + 15.2dB)

Note: 15.2dB adjustment is derived from the Conversion Factor of RBW

Conversion Factor of RBW = $10 \times \log(\text{Reference Bandwidth} / \text{RBW of measurement}) = 15.2 \text{ [dB]}$ Where: Reference Bandwidth = 1 MHz

RBW of measurement = 30 kHz

(5) If the calculated value using (4) is over the Limit (section 6.7), go to (6)

(6) Configure the spectrum analyzer to [Setting 3] then make the following changes:

Frequency: Frequency of spurious emission

Span: 1 MHz

(7) After sweep, send the span data set to the PC

(8) Convert measured data from dBm to Watts

(9) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail

$$P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$$

Ps: Sum (Watts)

Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz)

n: Number of measurement points in the Span

k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide

RBW: Resolution Bandwidth (MHz).

(10) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9)

(11) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values

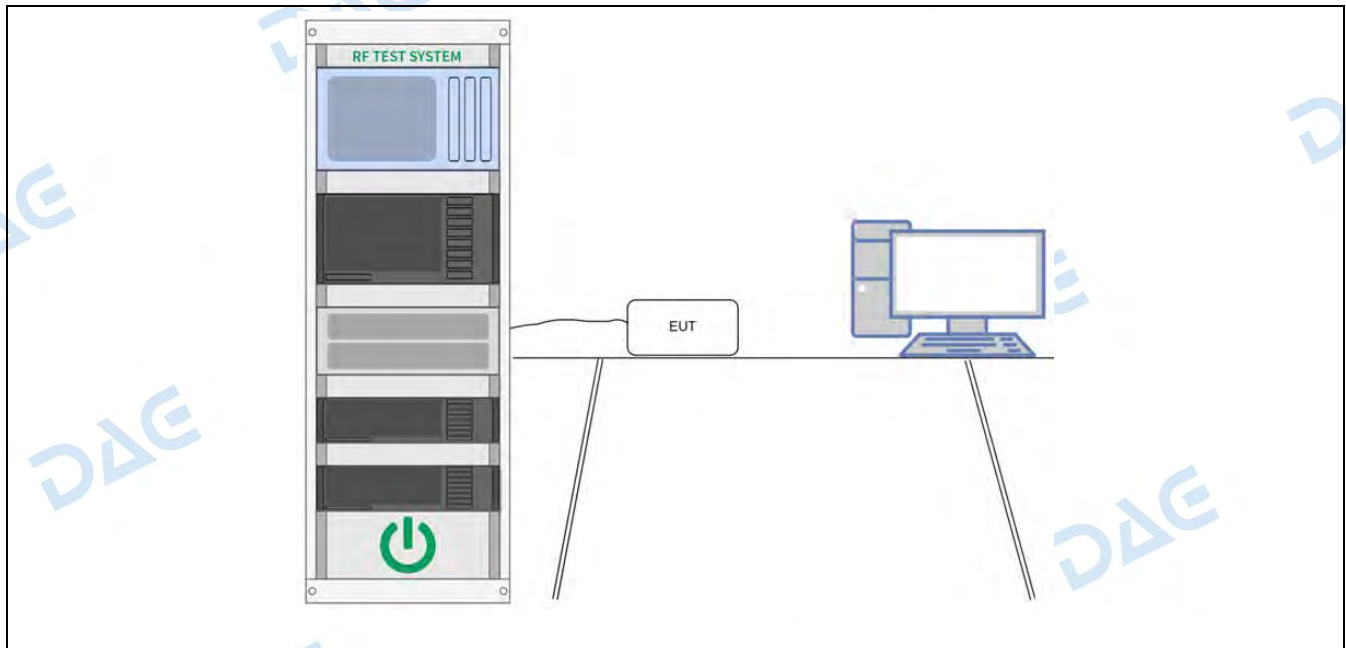
(12) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious

	emissions) (13) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard) (14) Configuring the spectrum analyzer using [Setting 3] and measure the spurious emissions with all the antennas electrically combined
--	--

4.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	23.6 °C	Humidity:	53 %	Atmospheric Pressure:	101.3 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

4.4.2 Test Setup Diagram:



4.4.3 Test Data:

Please Refer to Appendix for Details.

4.5 Secondary Radiated Emissions

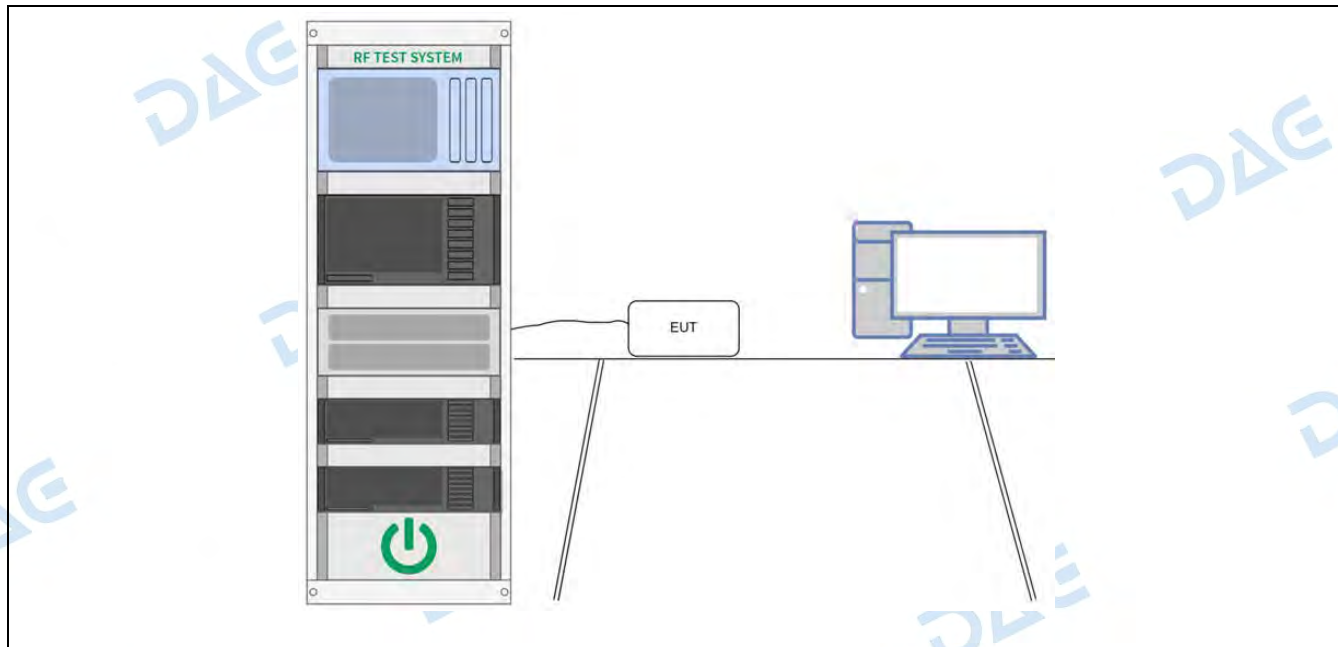
Test Requirement:	Article 2-1, Item 19	
Test Limit:	(1) Below 1 GHz: 4 nW (-54dBm) or less (2) Above 1 GHz: 20 nW (-47dBm) or less	
Test Method:	Notification No.88 of MIC, 2004	
Procedure:	[Setting 1]	
	Frequency range:	30 MHz ~ 12.5 GHz
	RBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	VBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	[Setting 2]	
	Center Frequency:	Frequency of spurious emission found using [Setting 1]
	Span:	0 Hz
	RBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	VBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Sample
	(1) Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 12.5GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points].	
	(2) If spurious emissions are found with an amplitude greater than [Limit - 10dB] then perform further detailed measurements as described in (3)	
	(3) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude.	
	If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time Multiple Antenna Systems	
	If the EUT has multiple antennas then emissions from each antenna shall be measured individually, as described below	
	(4) For each antenna repeat steps (1) through (3). Convert all spurious level measurements from dB to absolute value	
(5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions)		
(6) Ensure that the composite spectrum does not exceed the Limit		

4.5.1 E.U.T. Operation:

Operating Environment:				
Temperature:	23 °C	Humidity:	51 %	Atmospheric Pressure: 101.3 kPa

Pretest mode:	TM2
Final test mode:	TM2

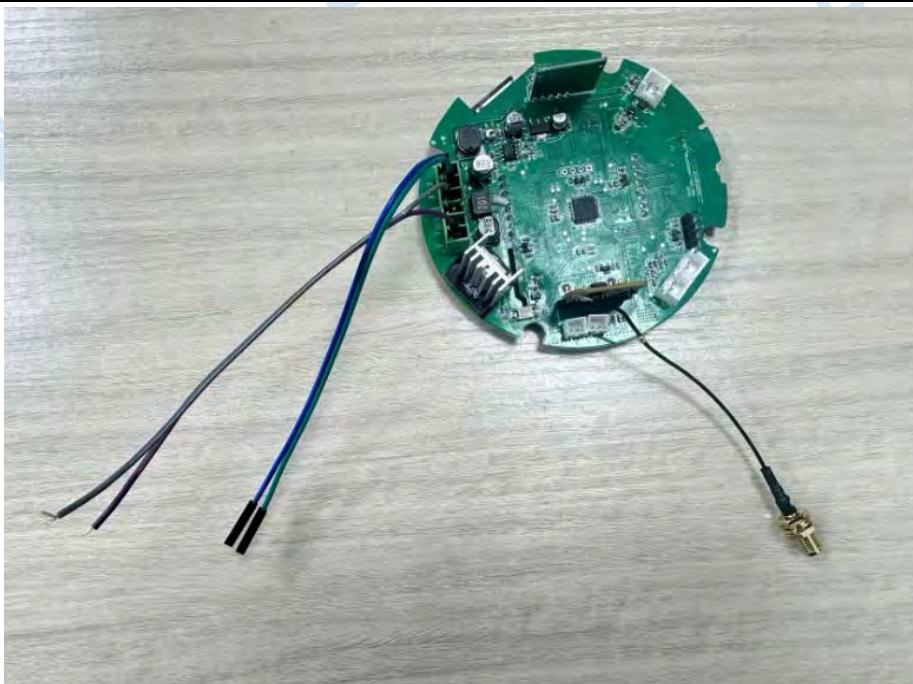
4.5.2 Test Setup Diagram:



4.5.3 Test Data:

Please Refer to Appendix for Details.

5 TEST SETUP PHOTOS



6 PHOTOS OF THE EUT

Refer to Appendix - EUT Photos for EUT External Photo and Internal Photo.

Appendix

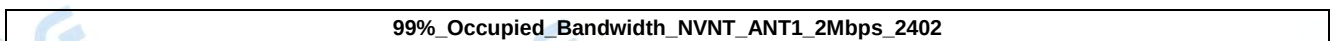
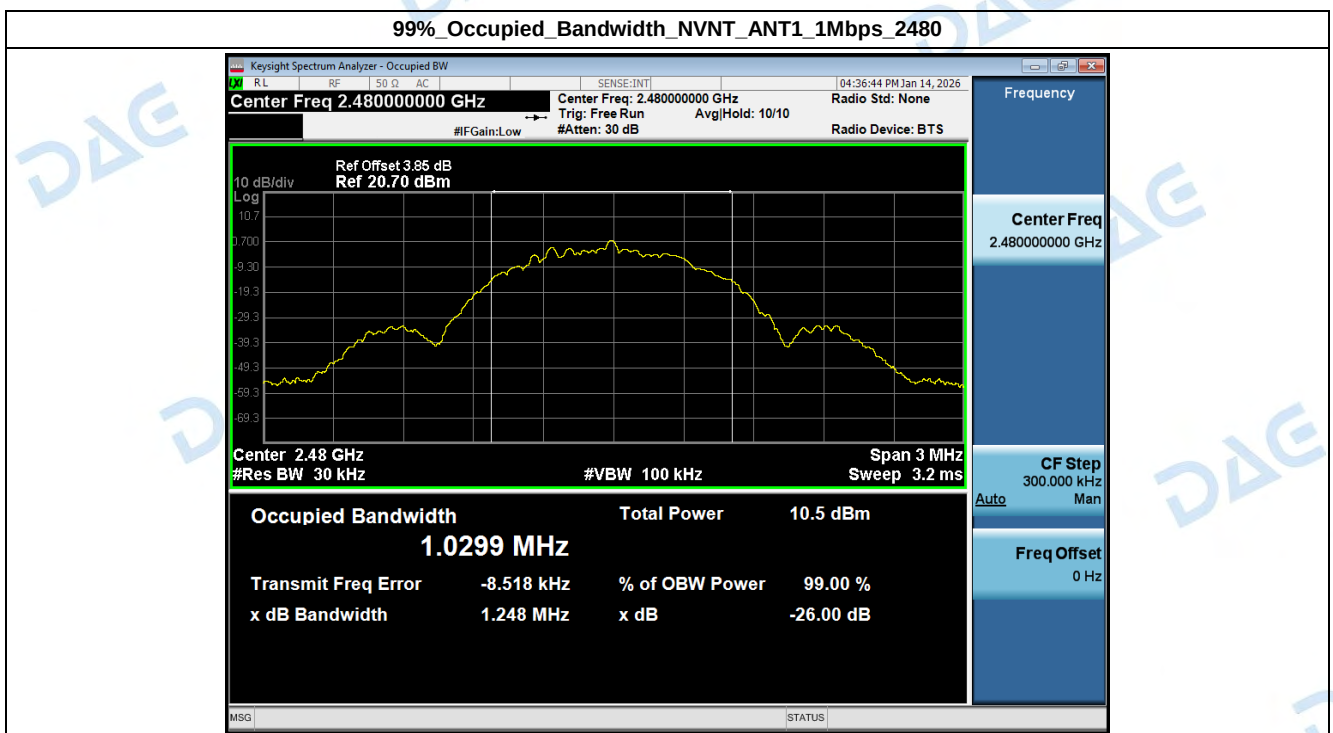
1. 99% Occupied Bandwidth

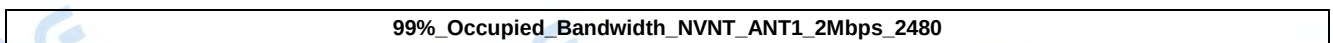
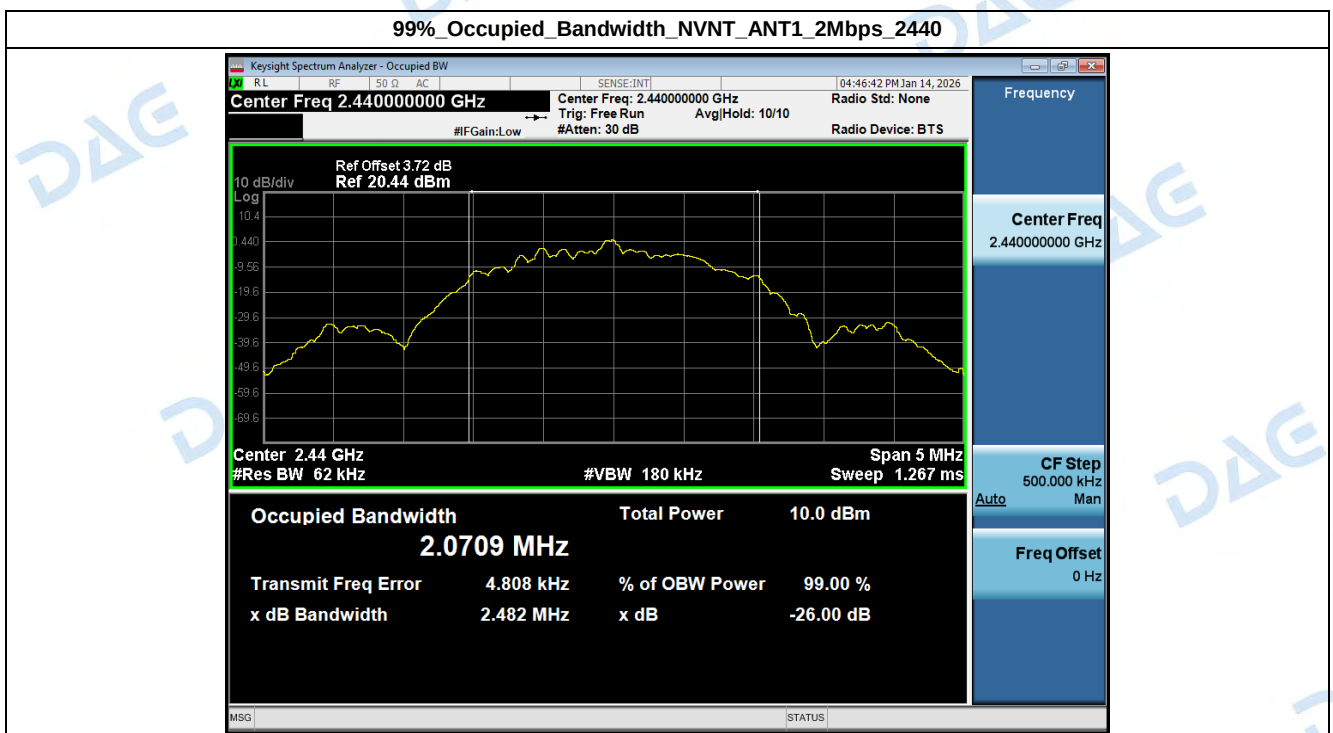
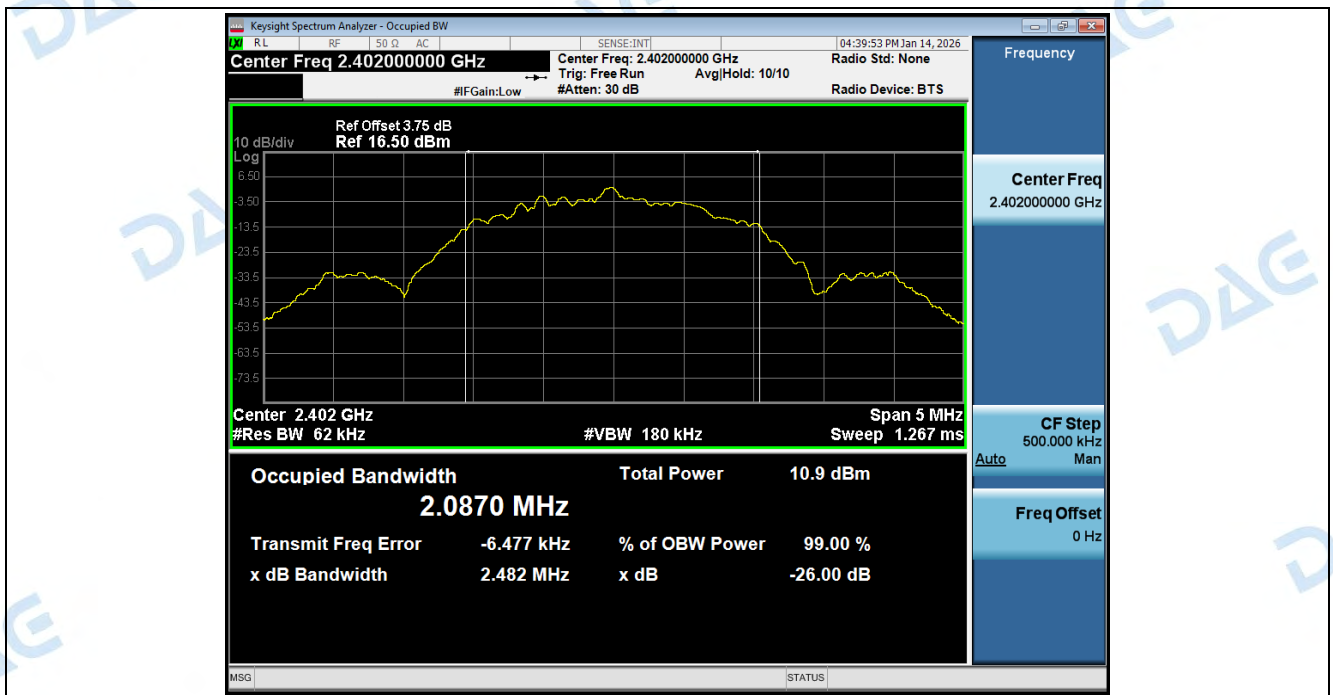
Condition	Antenna	Rate	Frequency(MHz)	Occupied Bandwidth(MHz)	Limit(MHz)	Result
NVNT	ANT1	1Mbps	2402.00	1.02	<26	Pass
NVNT	ANT1	1Mbps	2440.00	1.03	<26	Pass
NVNT	ANT1	1Mbps	2480.00	1.03	<26	Pass
NVNT	ANT1	2Mbps	2402.00	2.09	<26	Pass
NVNT	ANT1	2Mbps	2440.00	2.07	<26	Pass
NVNT	ANT1	2Mbps	2480.00	2.07	<26	Pass

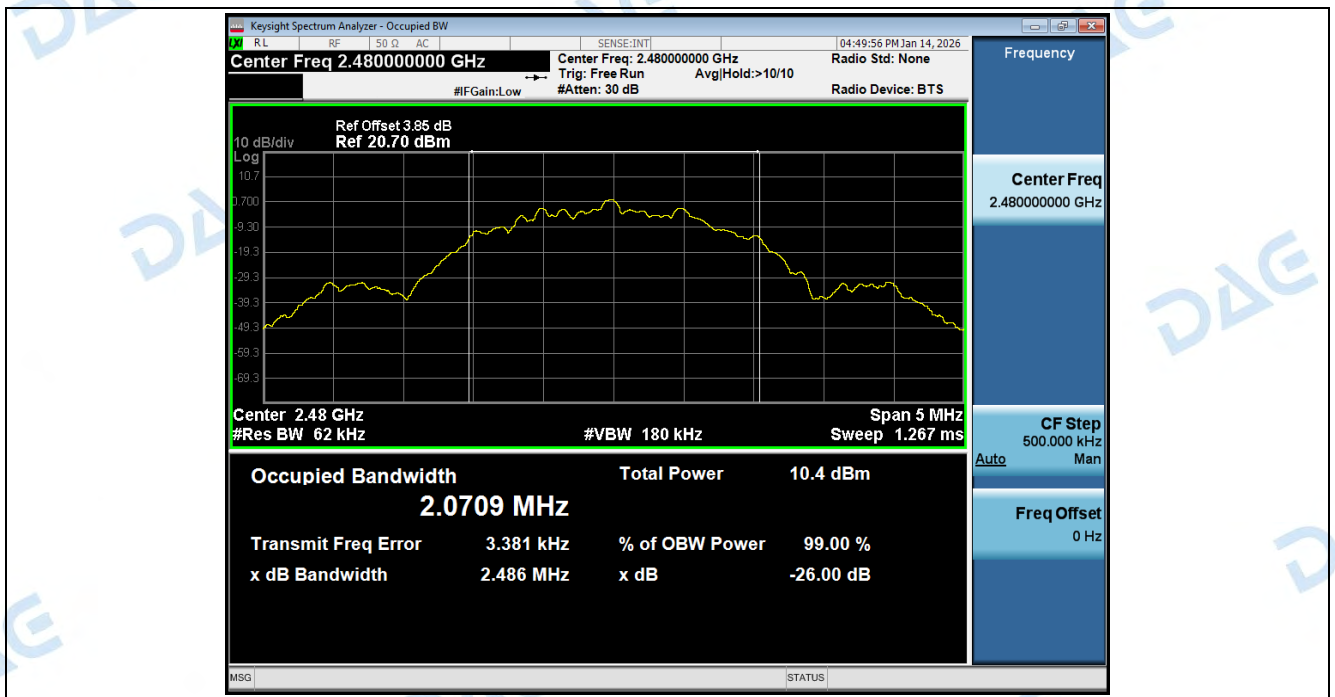
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



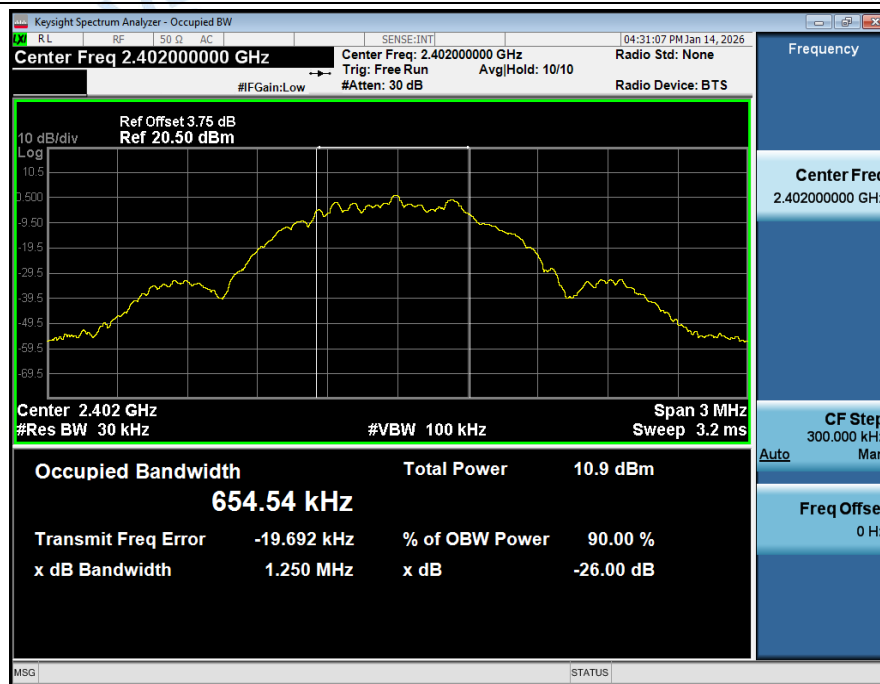




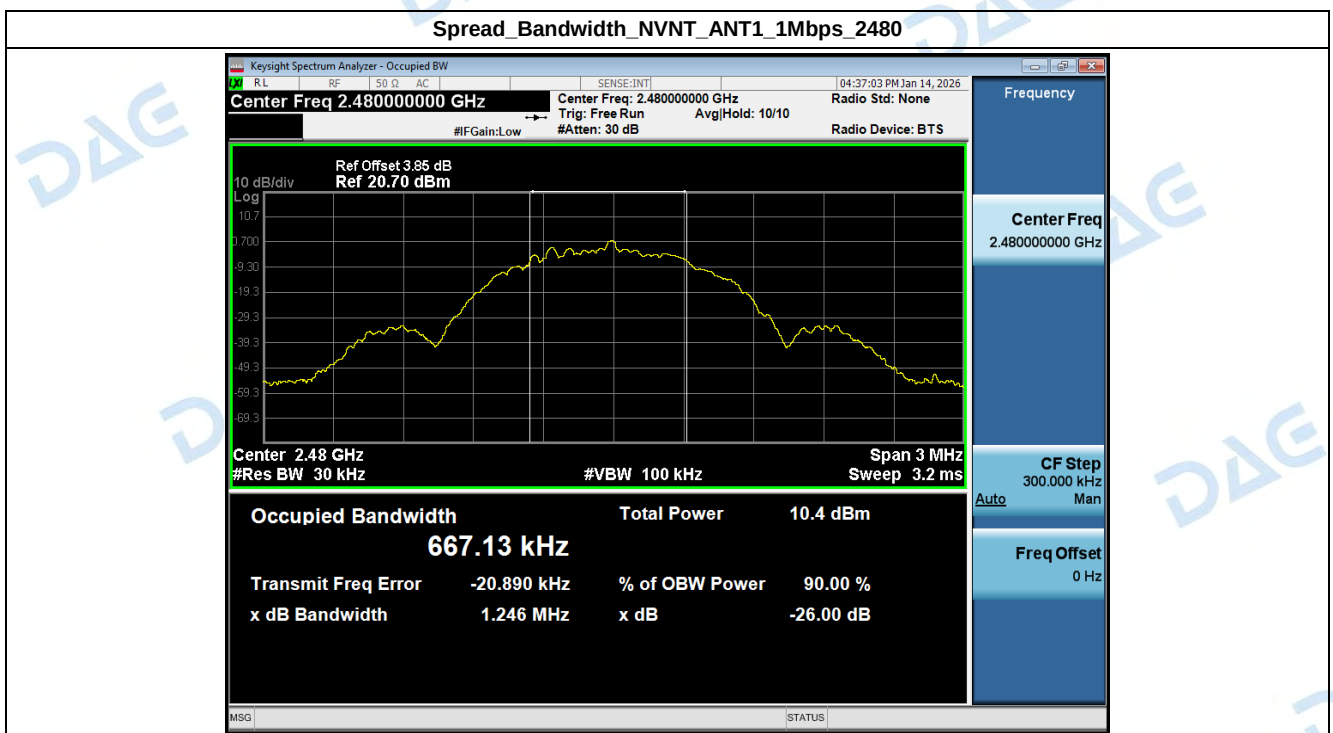
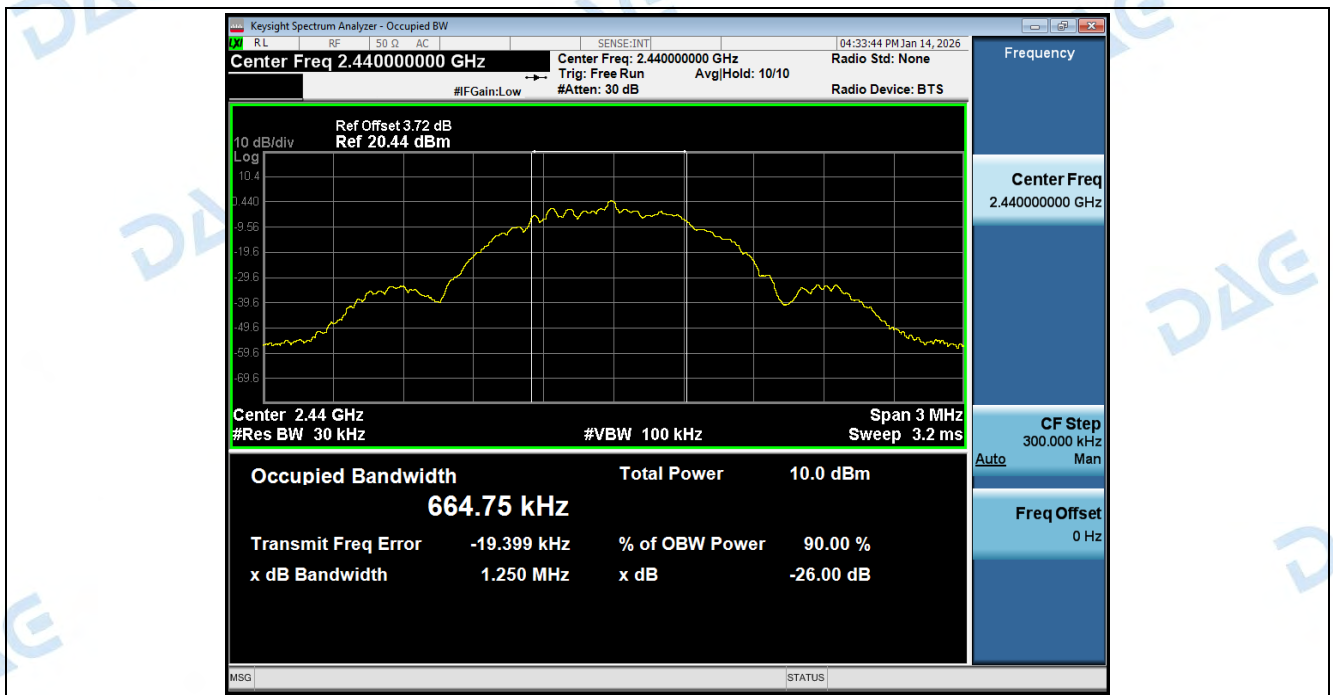
2. Spread Bandwidth

Condition	Antenna	Rate	Frequency(MHz)	Spread Bandwidth(MHz)
NVNT	ANT1	1Mbps	2402.00	0.65
NVNT	ANT1	1Mbps	2440.00	0.66
NVNT	ANT1	1Mbps	2480.00	0.67
NVNT	ANT1	2Mbps	2402.00	1.34
NVNT	ANT1	2Mbps	2440.00	1.33
NVNT	ANT1	2Mbps	2480.00	1.32

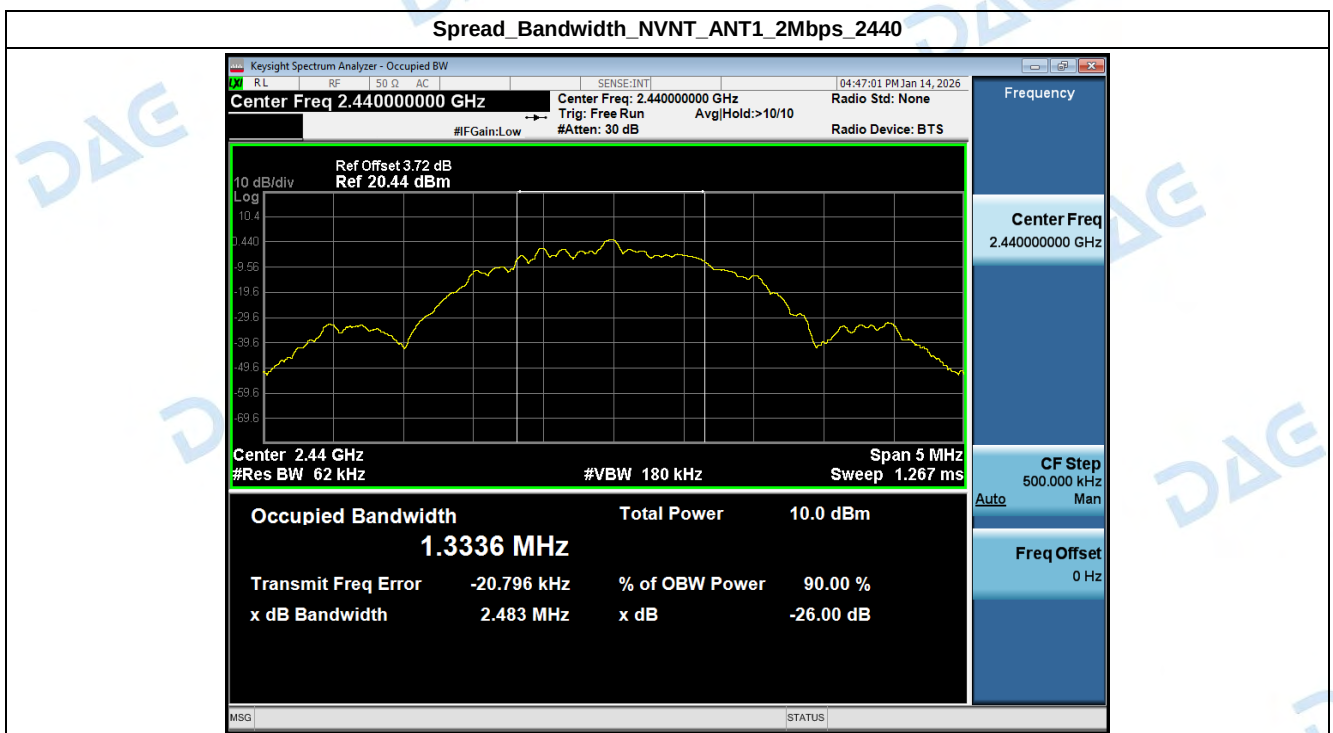
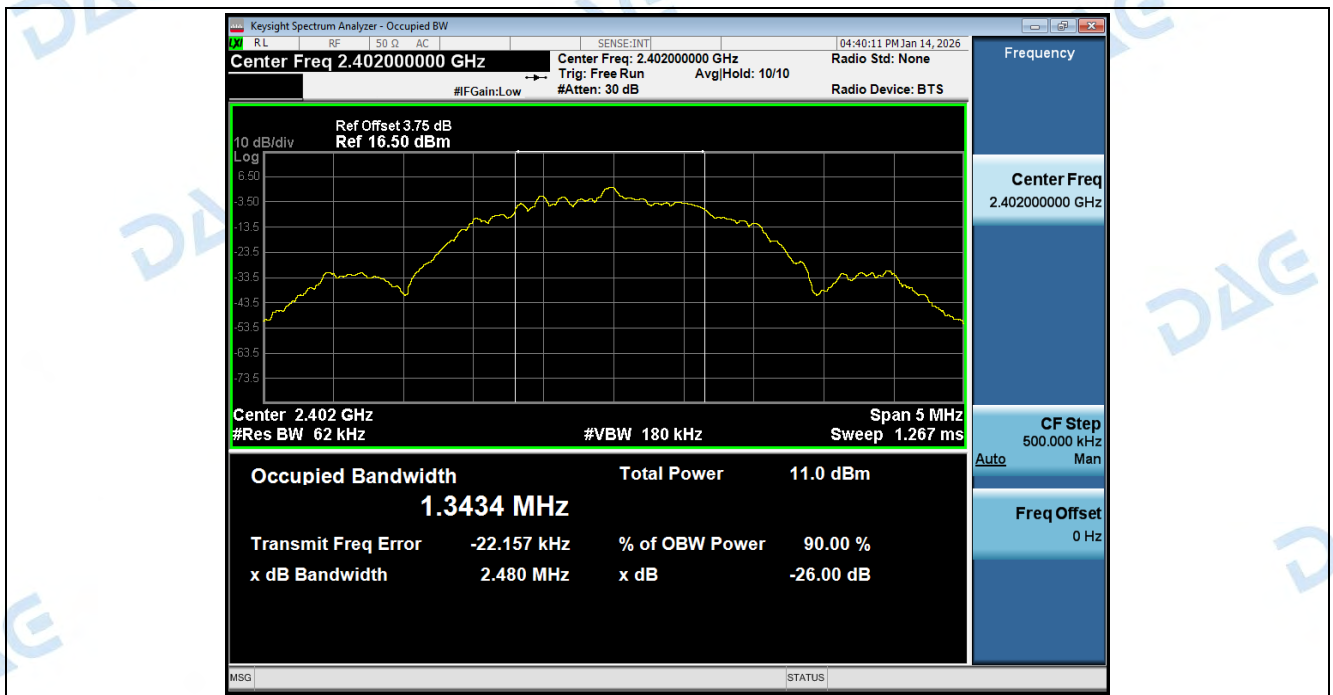
Spread_Bandwidth_NVNT_ANT1_1Mbps_2402



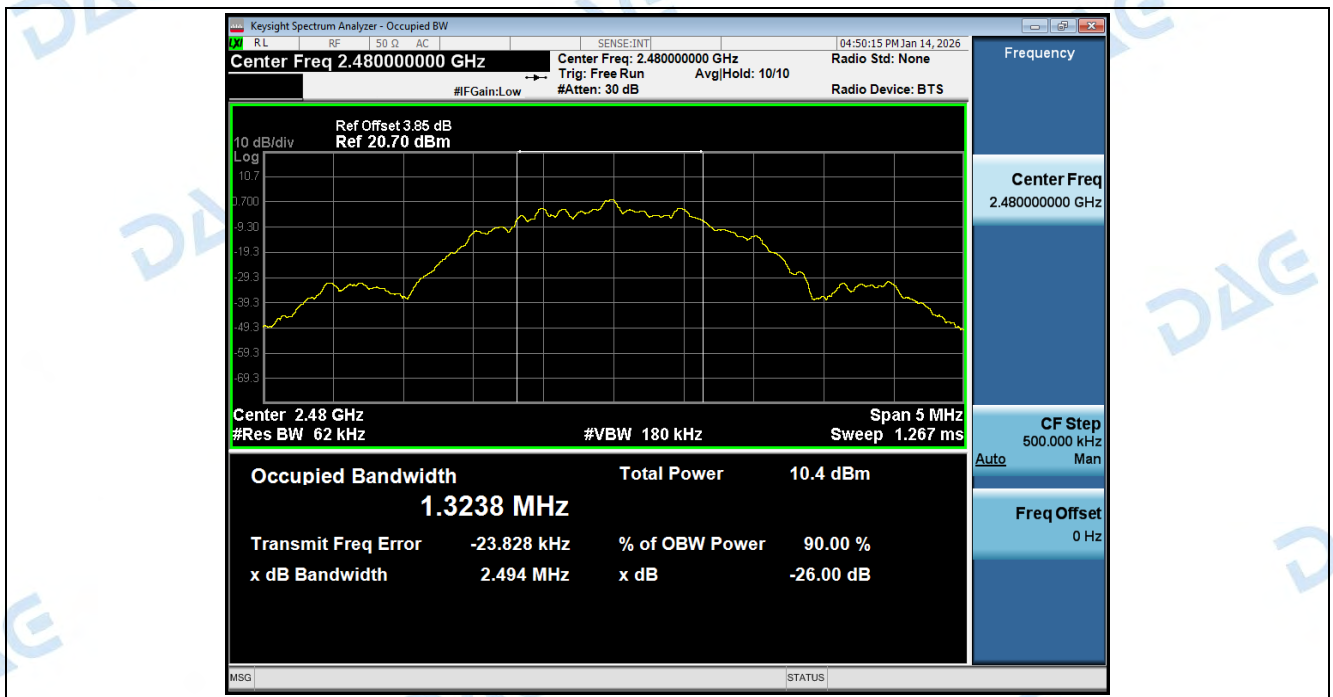
Spread_Bandwidth_NVNT_ANT1_1Mbps_2440



Spread_Bandwidth_NVNT_ANT1_2Mbps_2402



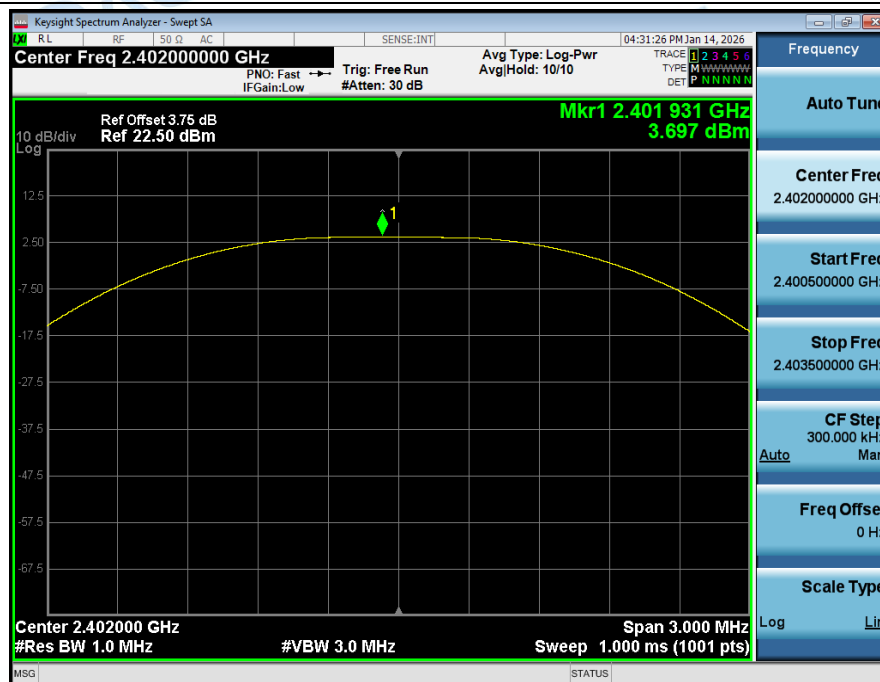
Spread_Bandwidth_NVNT_ANT1_2Mbps_2480



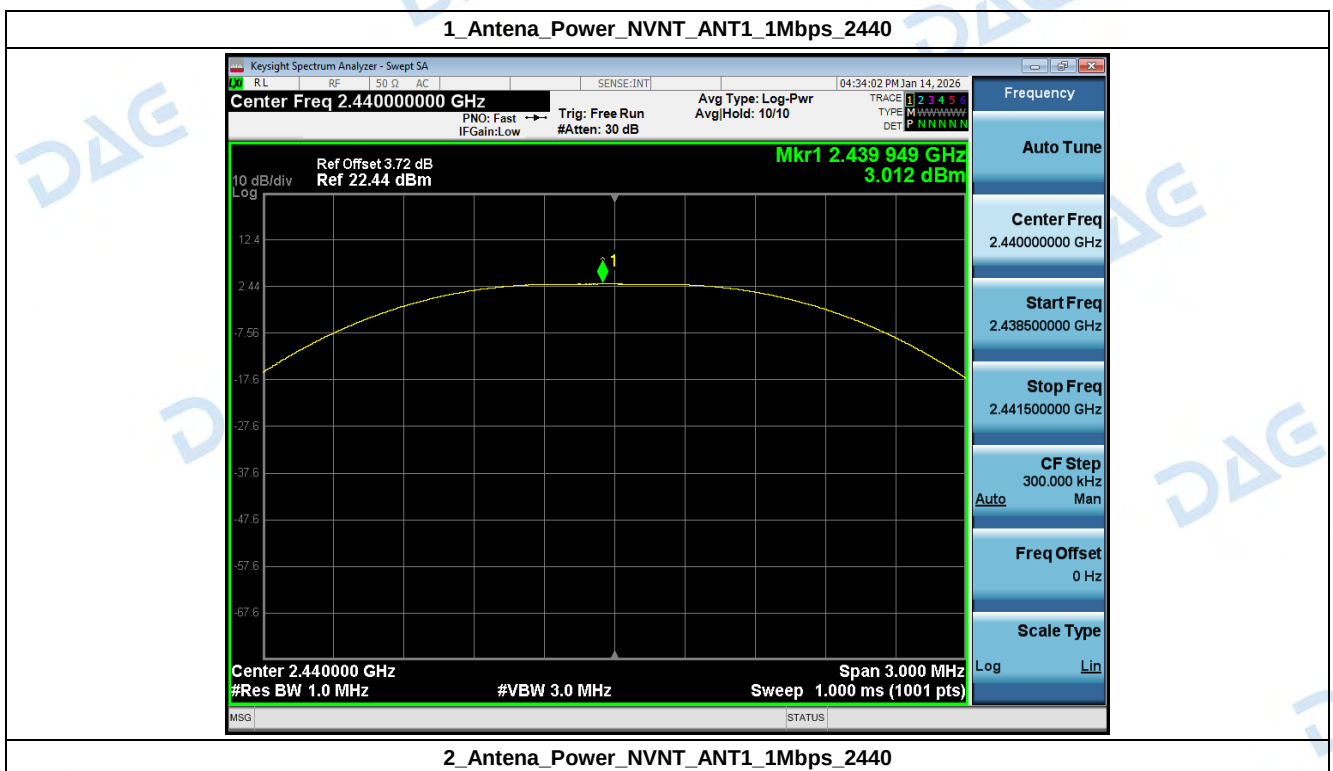
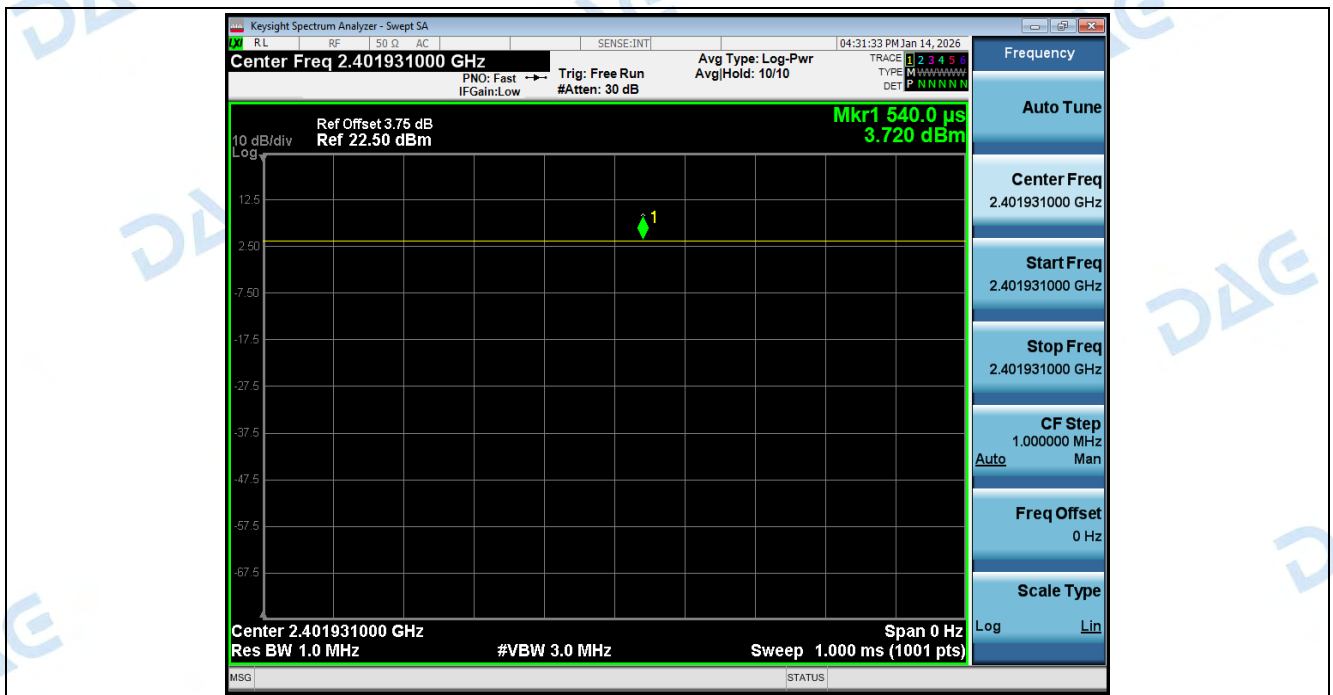
3. Antenna Power

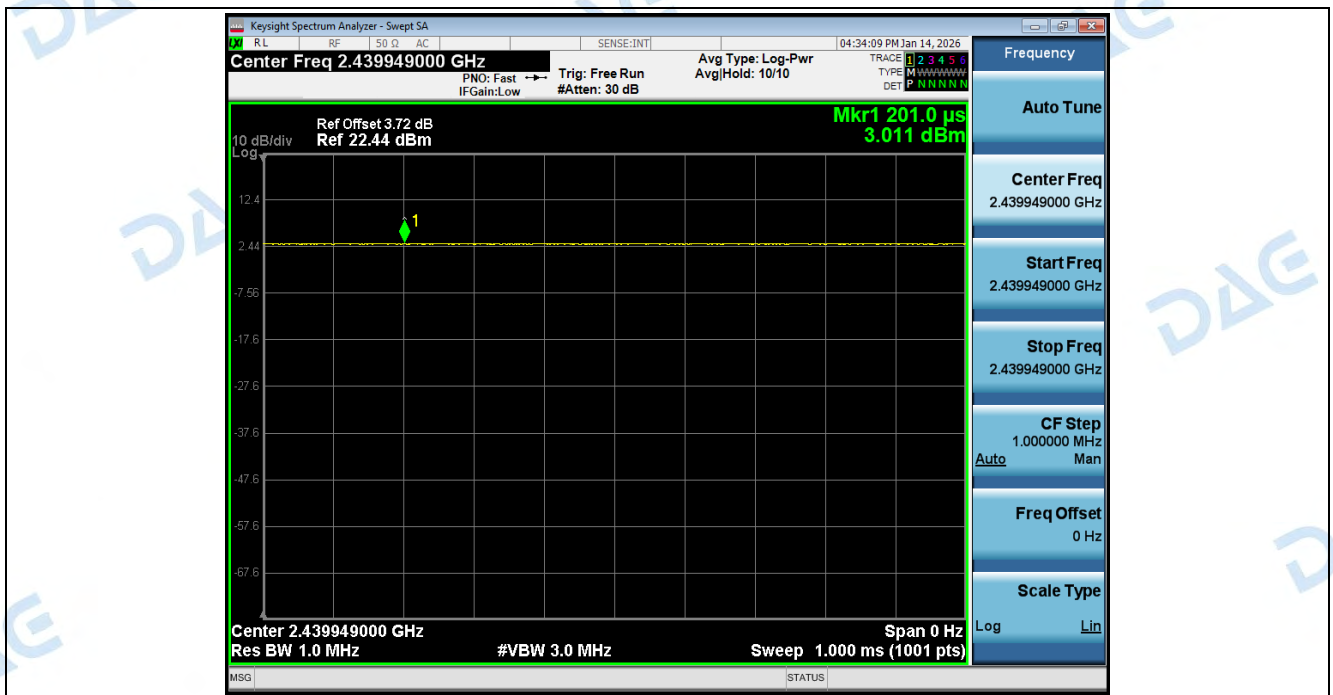
Condition	Antenna	Rate	Frequency	Measured Power(dBm)	Antenna Power(mW)	Rated Power(mW)	Power Limit(mW)	Power Tolerance(%)	Tolerance Limit(%)	Result
NVNT	ANT1	1Mbps	2402	3.7200	2.3550	3	10	-21.50	20	Pass
NVNT	ANT1	1Mbps	2440.00	3.0110	2.0003	3	10	-33.32	20	Pass
NVNT	ANT1	1Mbps	2480	3.4500	2.2131	3	10	-26.23	20	Pass
NVNT	ANT1	2Mbps	2402	3.8650	2.4350	3	10	-18.83	20	Pass
NVNT	ANT1	2Mbps	2440.00	2.8760	1.9391	3	10	-35.36	20	Pass
NVNT	ANT1	2Mbps	2480	3.0800	2.0324	3	10	-32.25	20	Pass

1_Antena_Power_NVNT_ANT1_1Mbps_2402



2_Antena_Power_NVNT_ANT1_1Mbps_2402

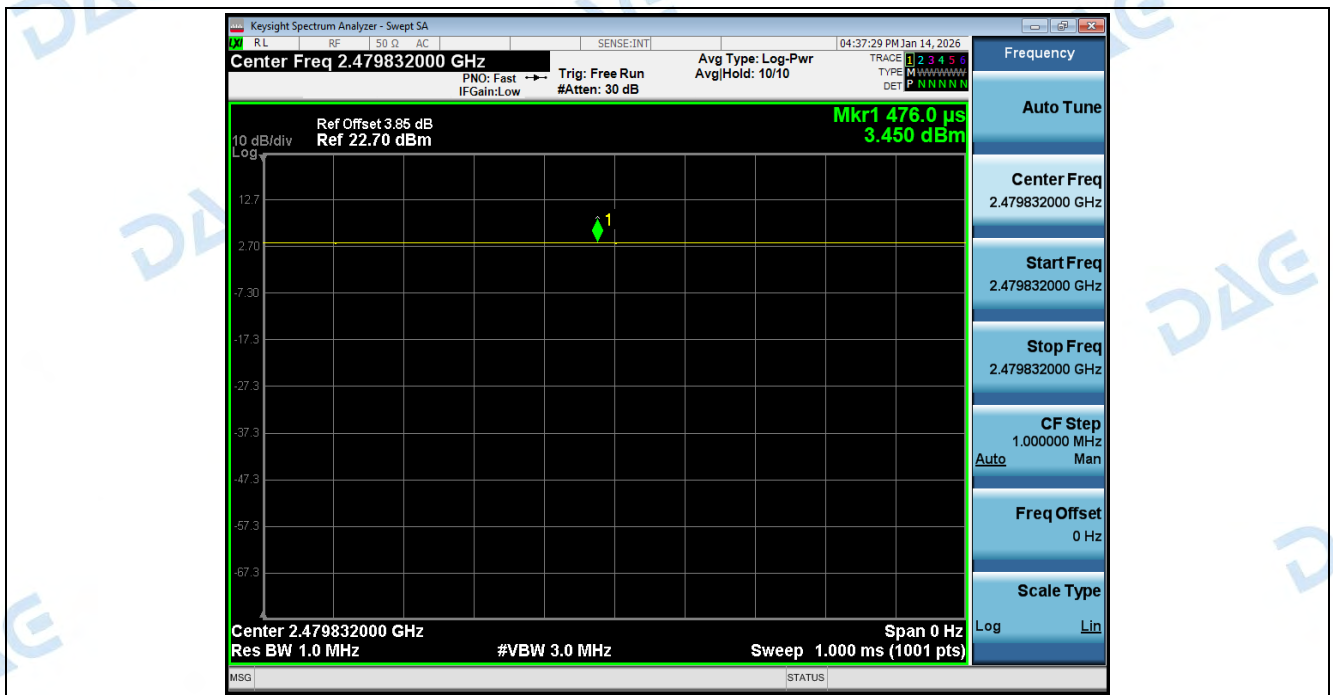




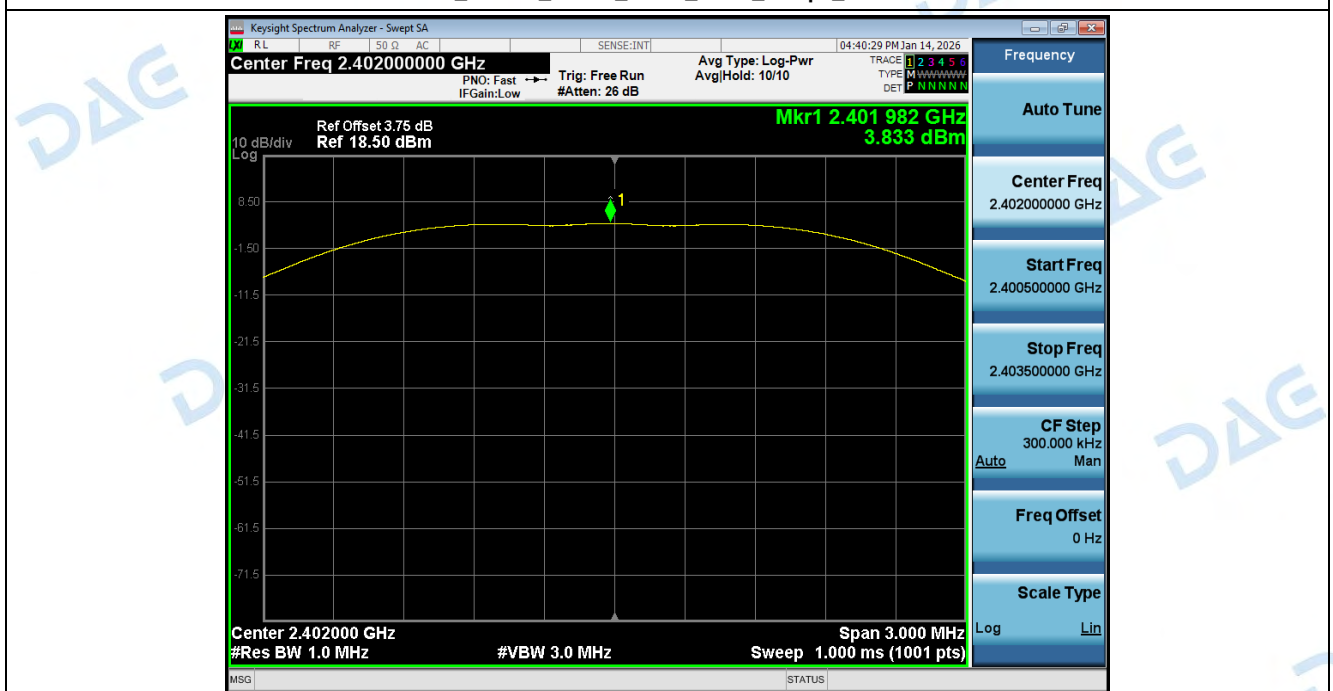
1_Antena_Power_NVNT_ANT1_1Mbps_2480



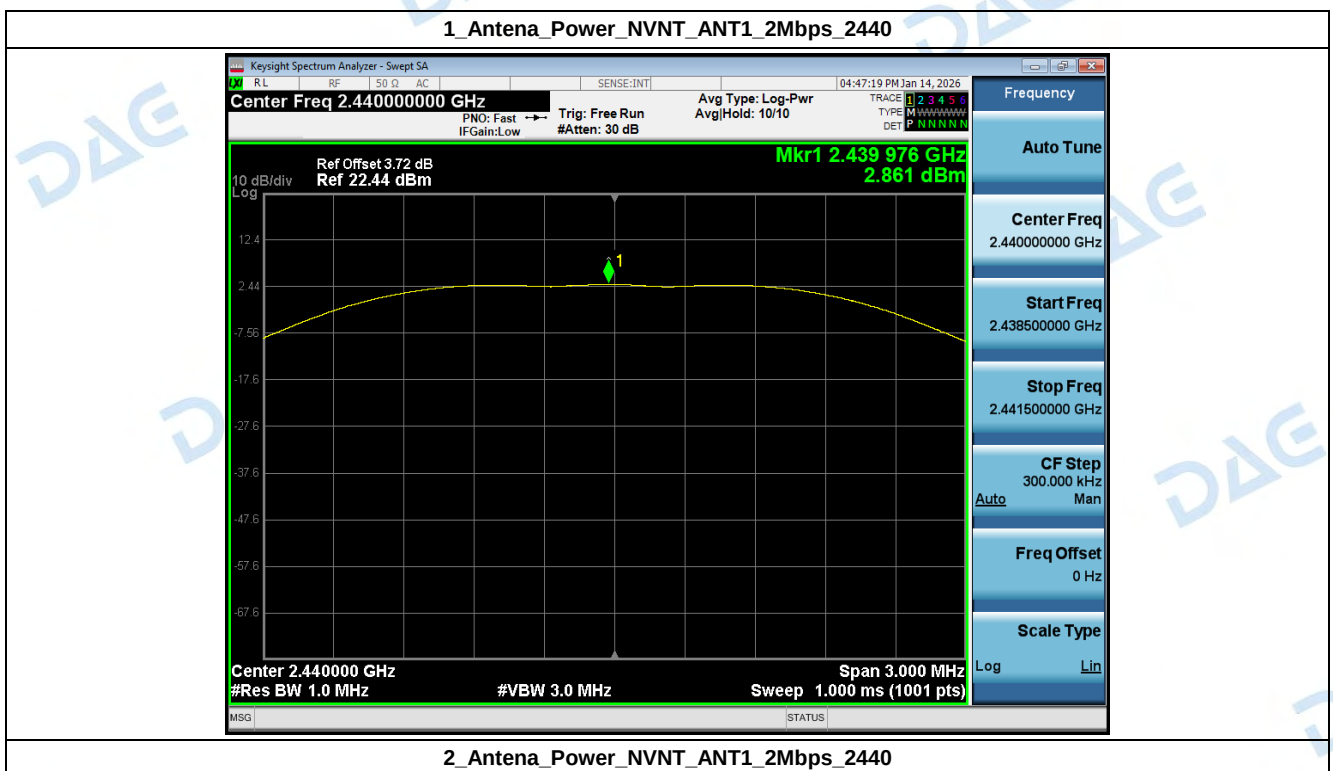
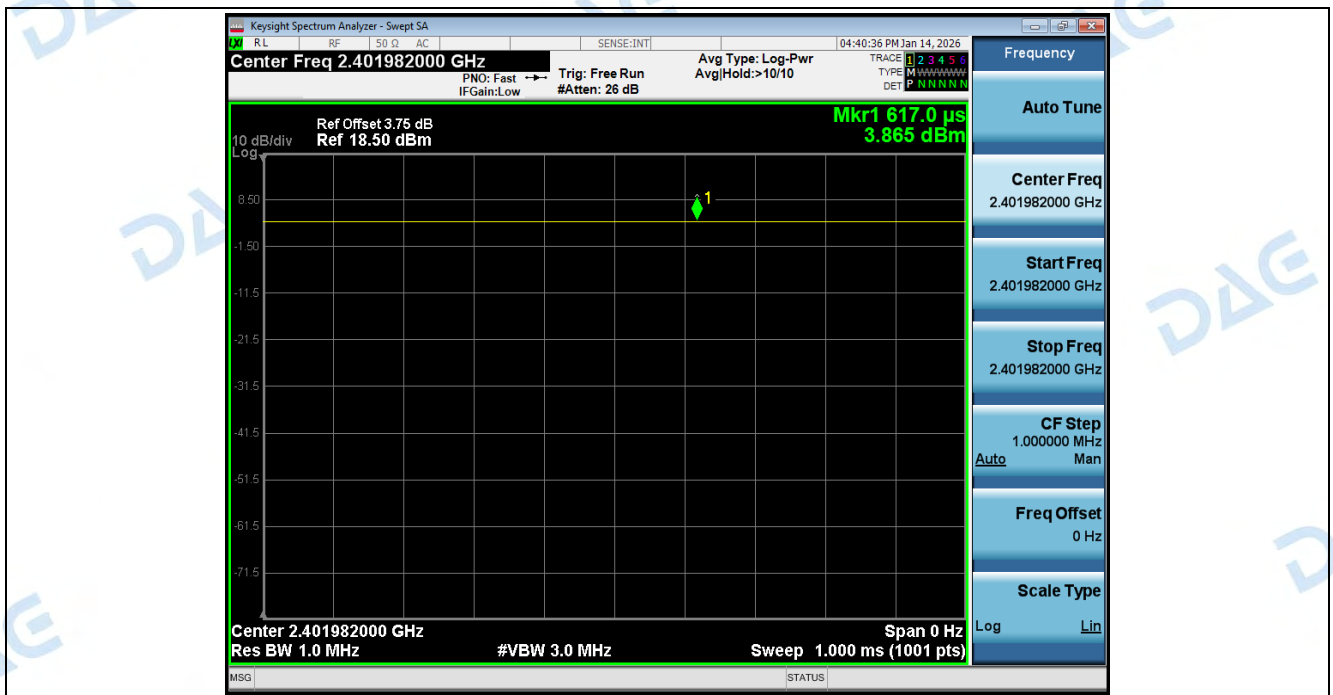
2_Antena_Power_NVNT_ANT1_1Mbps_2480



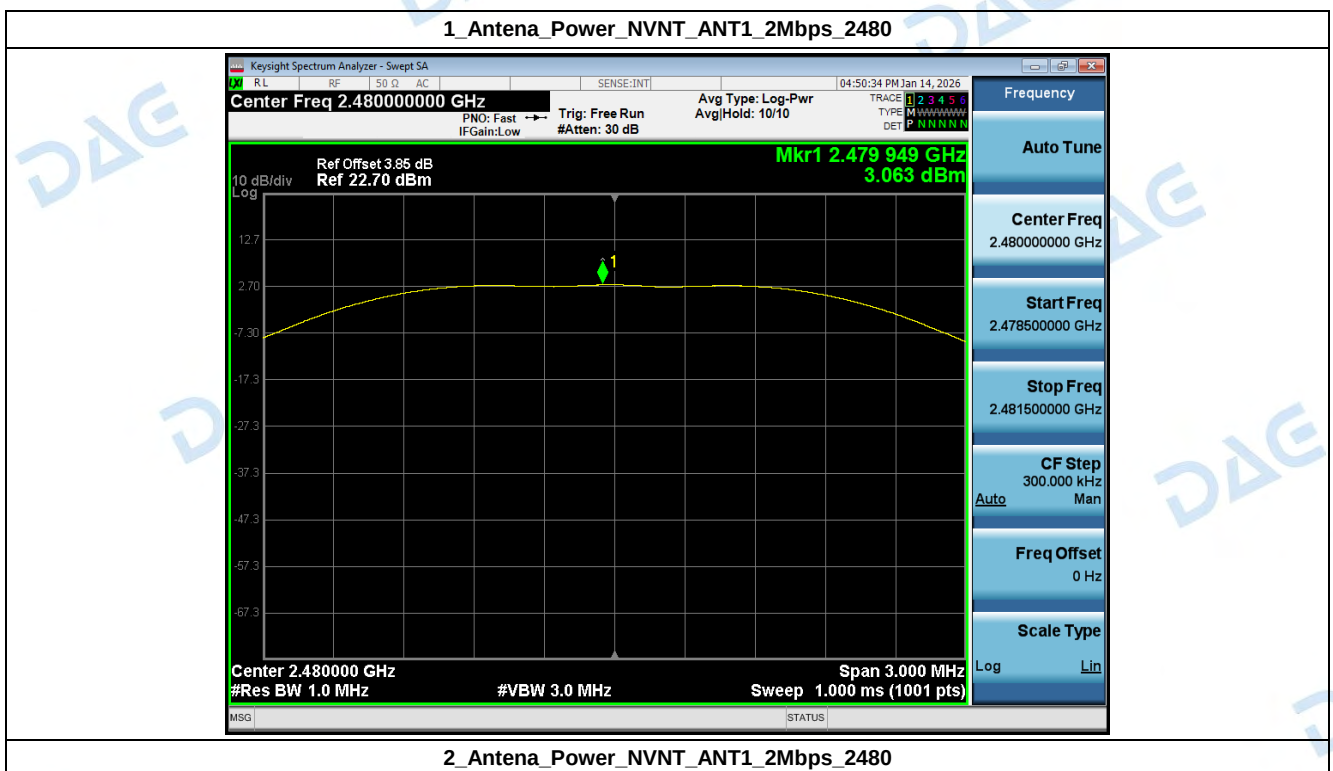
1_Antena_Power_NVNT_ANT1_2Mbps_2402

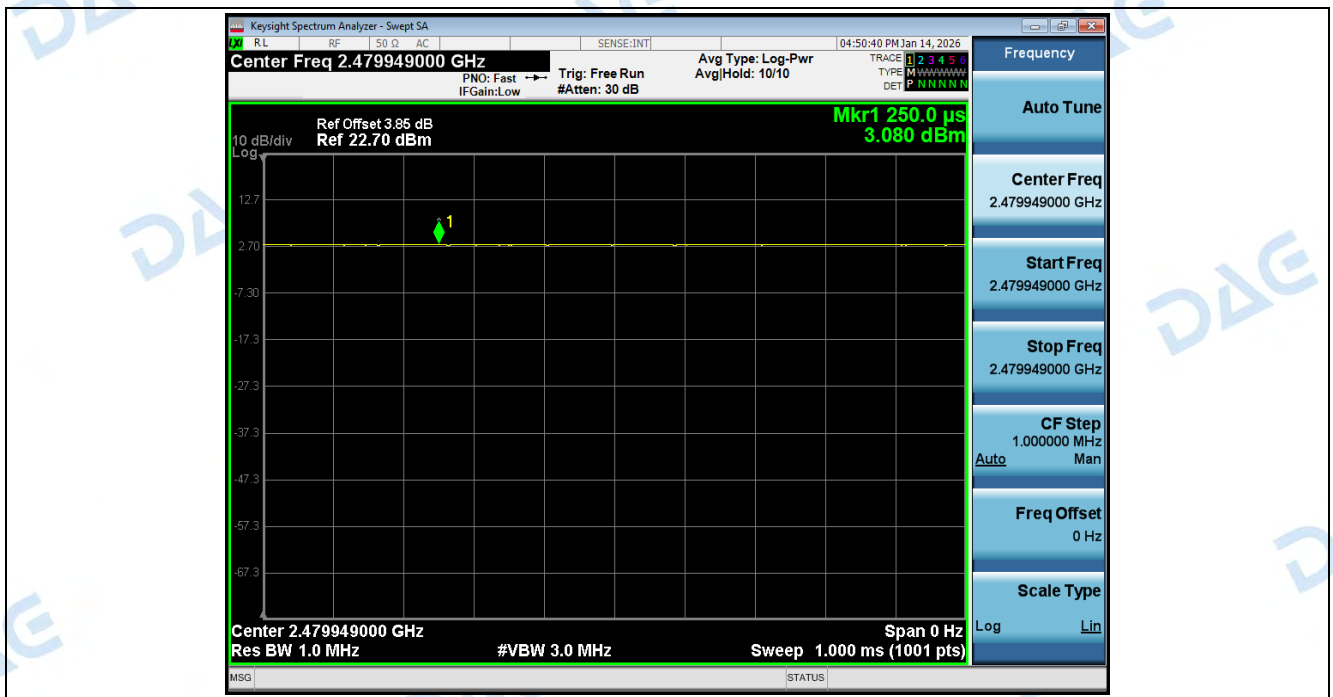


2_Antena_Power_NVNT_ANT1_2Mbps_2402



2_Antena_Power_NVNT_ANT1_2Mbps_2440





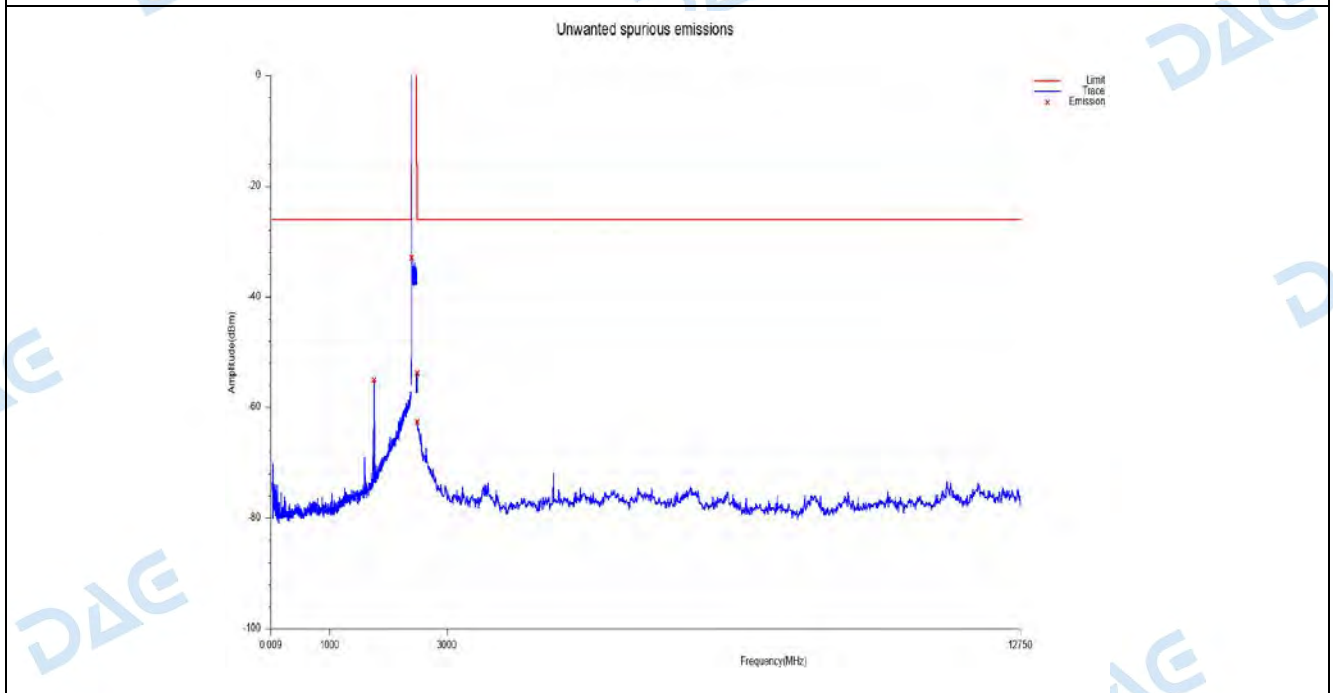
Condition	Antenna	Mode	Frequency	Measured Power(dBm)	Antenna Gain(dBi)	EIRP(dBm)	EIRP Limit_low(dBm)	EIRP Limit_up(dBm)	Result
NVNT	ANT1	1Mbps	2402	3.72	1.12	4.31	/	/	Not Application
NVNT	ANT1	1Mbps	2440.00	3.01	1.12	4.15	/	/	Not Application
NVNT	ANT1	1Mbps	2480	3.45	1.12	4.24	/	/	Not Application
NVNT	ANT1	2Mbps	2402	3.87	1.12	4.78	/	/	Not Application
NVNT	ANT1	2Mbps	2440.00	2.88	1.12	4.31	/	/	Not Application
NVNT	ANT1	2Mbps	2480	3.08	1.12	4.37	/	/	Not Application

4. Spurious Emissions

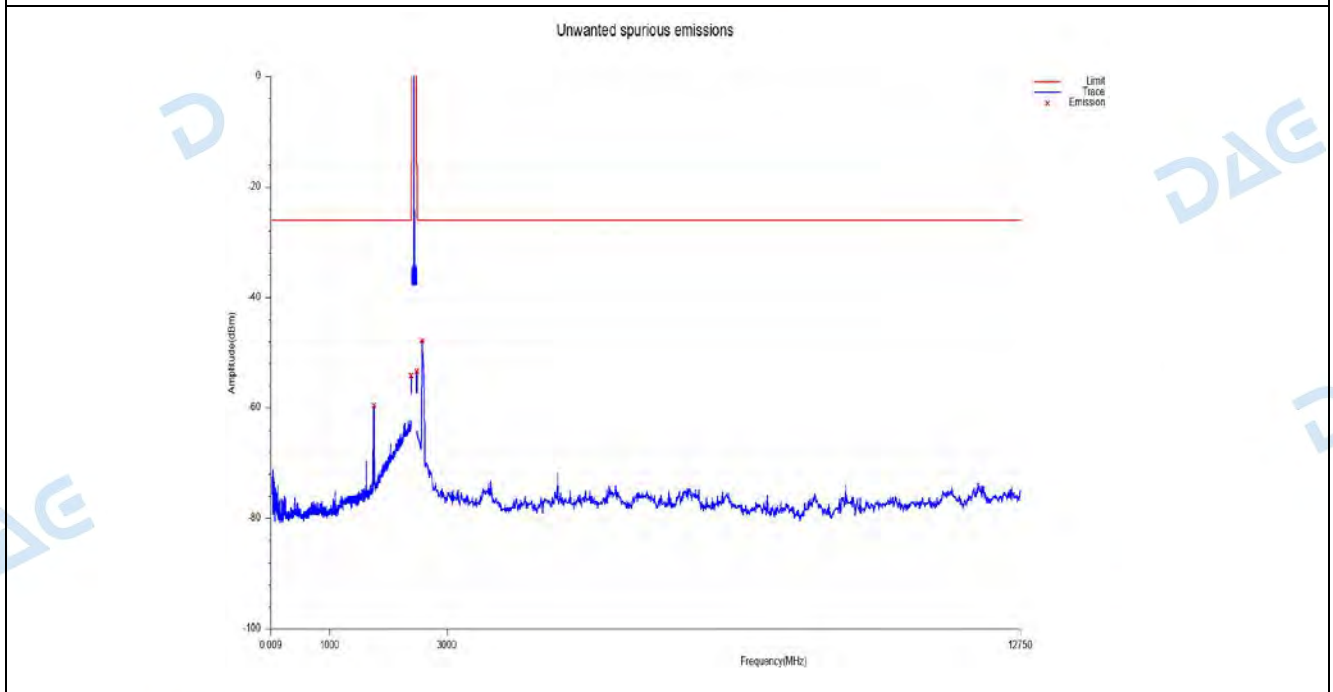
Condition	Antenna	Mode	Frequency(MHz)	Frequency Area(MHz)	RBW(kHz)	Spur. Fre.(MHz)	Spur. Level(dBm)	Limit(dBm)	Spur. Level	Limit	Result
NVNT	ANT1	1Mbps	2402	30.00~2387.00	1000	1757.68	-55.08	-26	0.0031uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	1Mbps	2402	2387.00~2400.00	1000	2400.00	-32.99	-16	0.5028uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2402	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	1Mbps	2402	2483.50~2496.50	1000	2490.72	-53.73	-16	0.0042uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2402	2496.50~13000.00	1000	2496.50	-62.67	-26	0.0005uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	1Mbps	2440.00	30.00~2387.00	1000	1755.32	-59.51	-26	0.0011uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	1Mbps	2440.00	2387.00~2400.00	1000	2388.16	-54.11	-16	0.0038uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2440.00	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	1Mbps	2440.00	2483.50~2496.50	1000	2486.27	-53.38	-16	0.0045uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2440.00	2496.50~13000.00	1000	2580.53	-47.79	-26	0.0166uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	1Mbps	2480	30.00~2387.00	1000	1752.97	-57.66	-26	0.0017uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	1Mbps	2480	2387.00~2400.00	1000	2397.09	-53.49	-16	0.0044uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2480	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	1Mbps	2480	2483.50~2496.50	1000	2483.67	-50.40	-16	0.0091uW/MHz	25uW/MHz	Pass
NVNT	ANT1	1Mbps	2480	2496.50~13000.00	1000	2496.50	-61.24	-26	0.0007uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2402	30.00~2387.00	1000	1755.32	-56.53	-26	0.0022uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2402	2387.00~2400.00	1000	2400.00	-19.24	-16	11.9199uW/MHz	25uW/MHz	Pass
NVNT	ANT1	2Mbps	2402	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	2Mbps	2402	2483.50~2496.50	1000	2496.34	-54.18	-16	0.0038uW/MHz	25uW/MHz	Pass
NVNT	ANT1	2Mbps	2402	2496.50~13000.00	1000	5174.89	-64.33	-26	0.0003uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2440.00	30.00~2387.00	1000	2379.93	-62.43	-26	0.0005uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2440.00	2387.00~2400.00	1000	2390.11	-54.02	-16	0.0039uW/MHz	25uW/MHz	Pass
NVNT	ANT1	2Mbps	2440.00	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	2Mbps	2440.00	2483.50~2496.50	1000	2484.63	-54.14	-16	0.0038uW/MHz	25uW/MHz	Pass
NVNT	ANT1	2Mbps	2440.00	2496.50~13000.00	1000	5763.09	-59.58	-26	0.0011uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2480	30.00~2387.00	1000	824.31	-55.83	-26	0.0026uW/MHz	2.5uW/MHz	Pass
NVNT	ANT1	2Mbps	2480	2387.00~2400.00	1000	2396.80	-53.82	-16	0.0041uW/MHz	25uW/MHz	Pass

NVNT	ANT1	2Mbps	2480	2400.00~2483.50	/	/	/	/	/	/	/
NVNT	ANT1	2Mbps	2480	2483.50~2496.50	1000	2483.50	-41.98	-16	0.0634uW/MHz	25uW/MHz	Pass
NVNT	ANT1	2Mbps	2480	2496.50~13000.00	1000	2496.50	-63.04	-26	0.0004uW/MHz	2.5uW/MHz	Pass

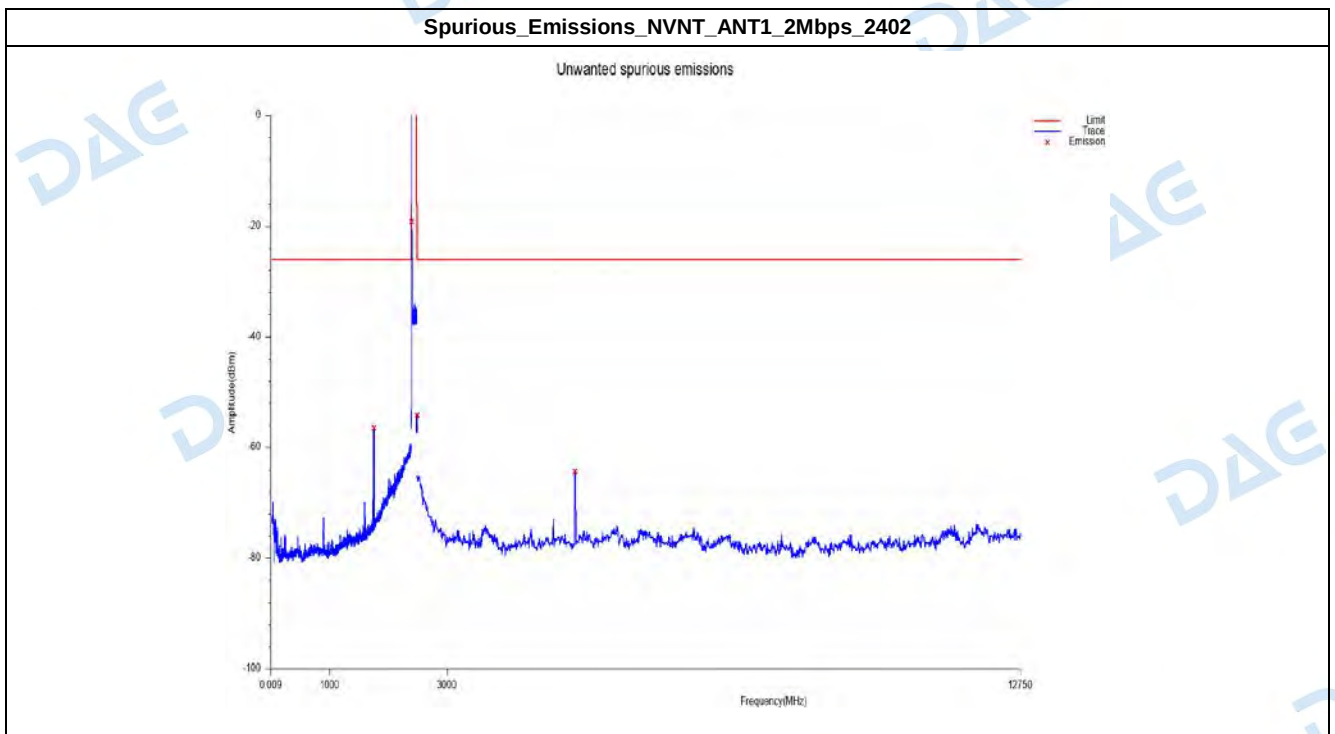
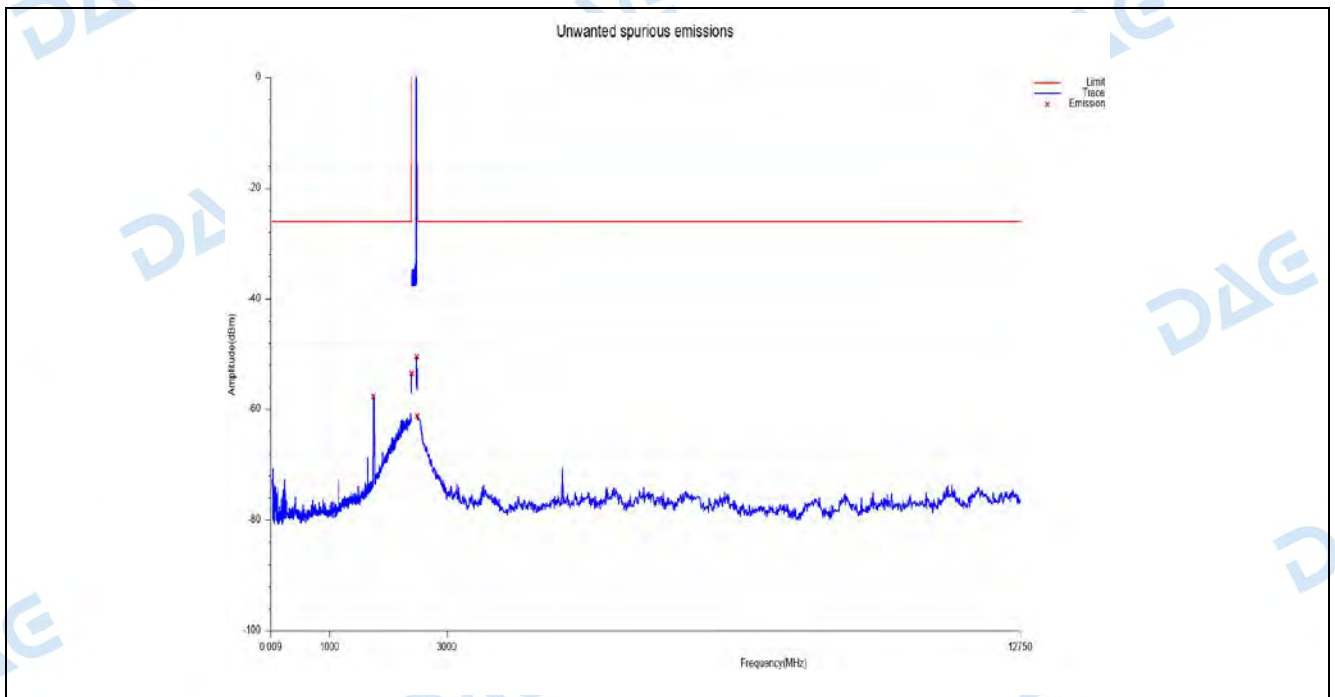
Spurious_Emissions_NVNT_ANT1_1Mbps_2402

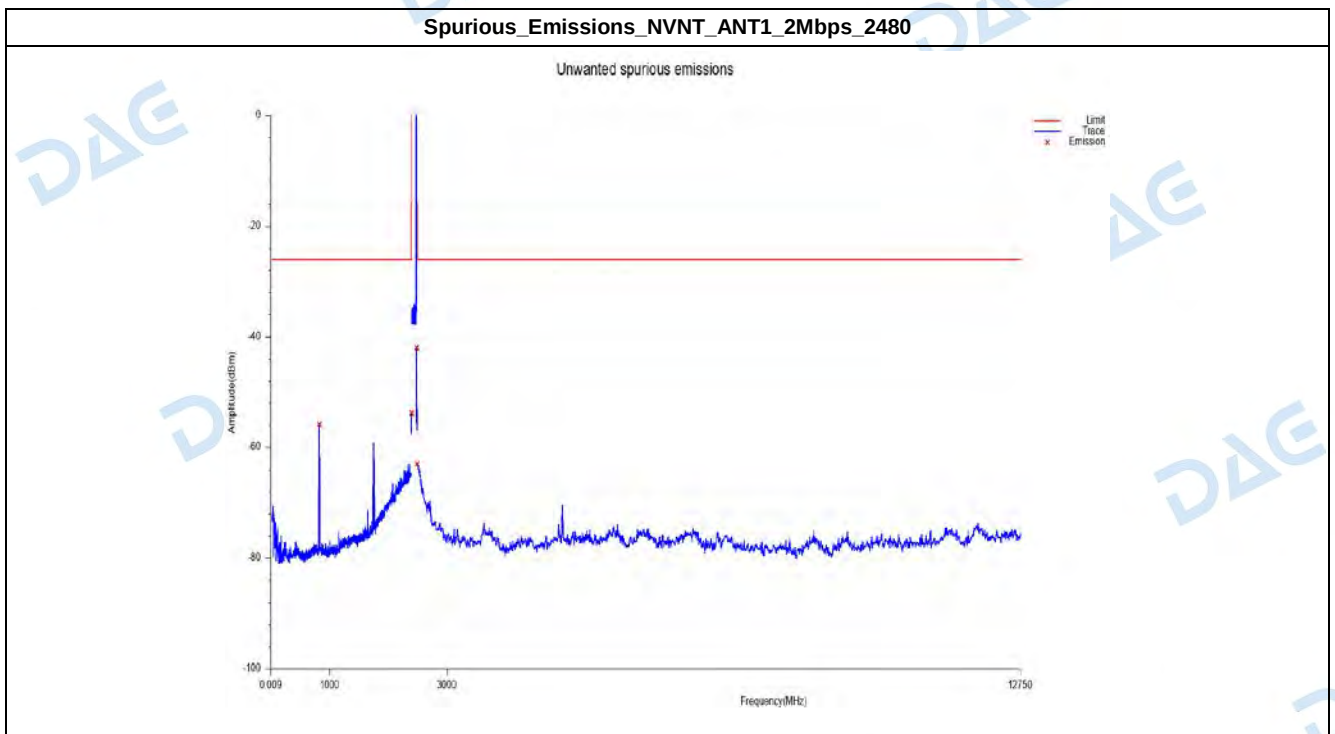
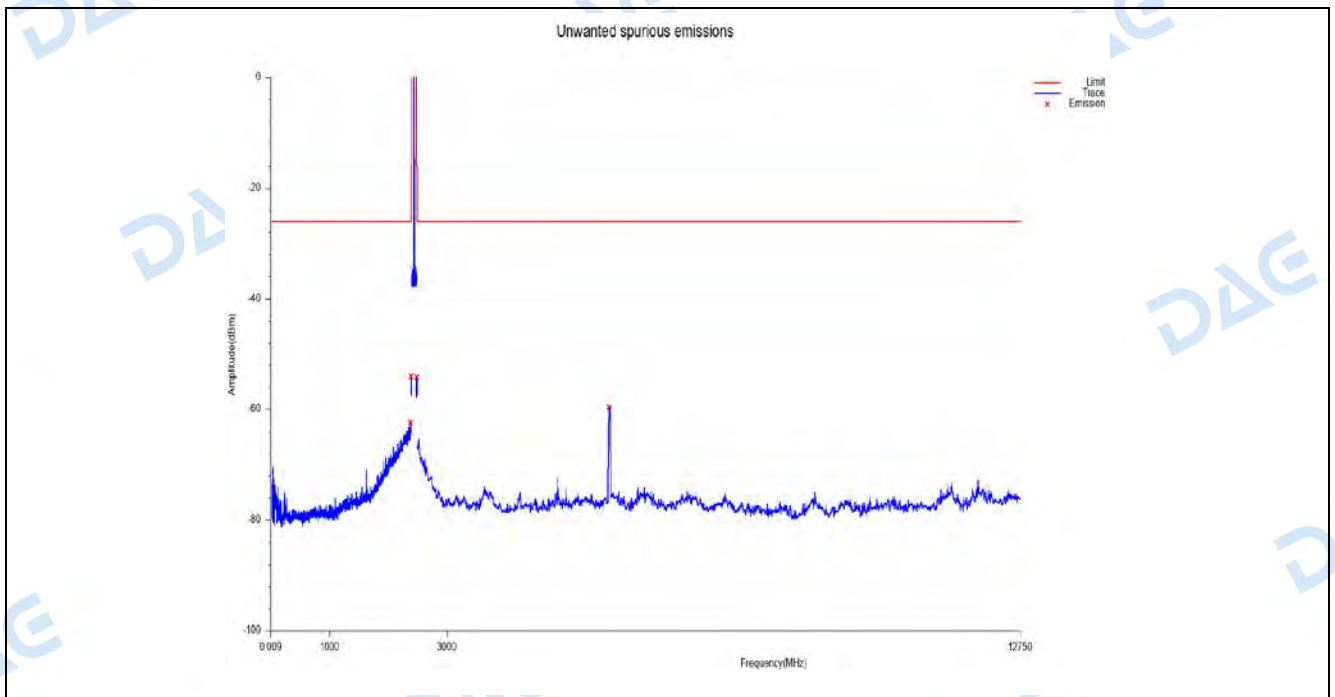


Spurious_Emissions_NVNT_ANT1_1Mbps_2440



Spurious_Emissions_NVNT_ANT1_1Mbps_2480

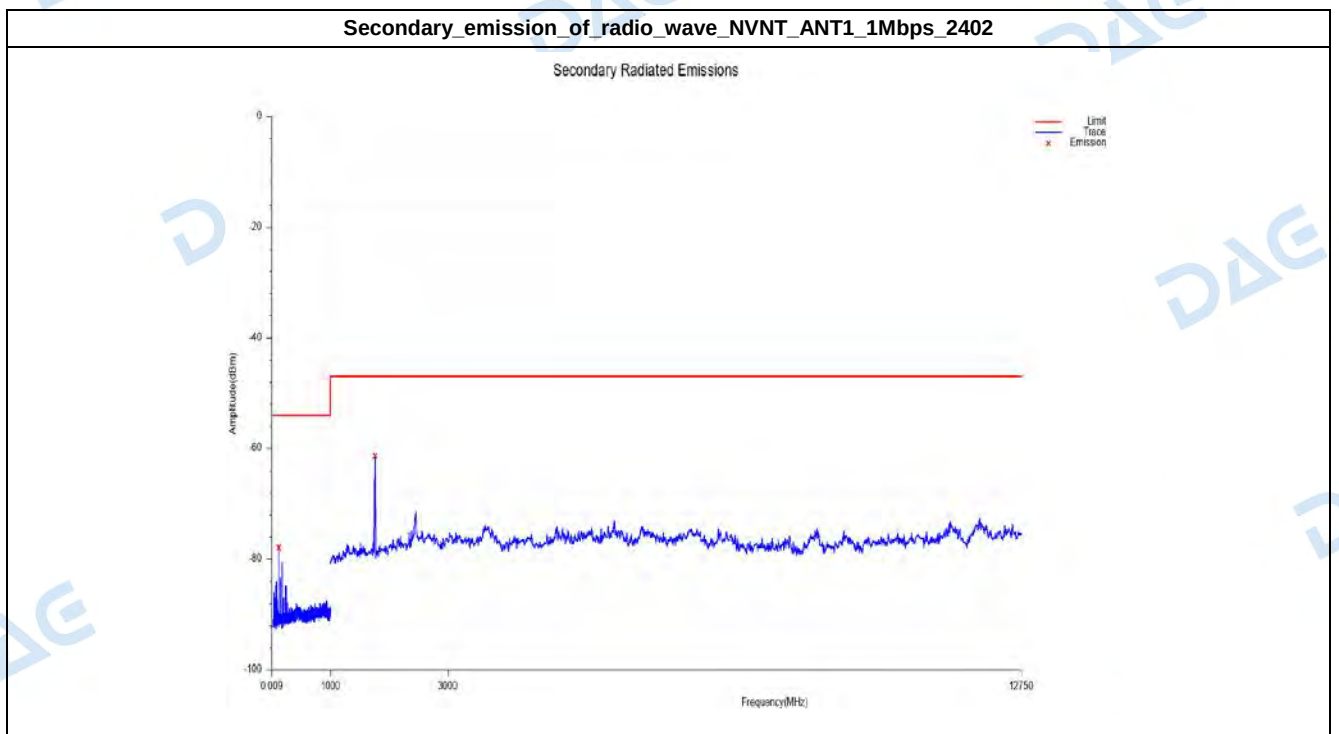




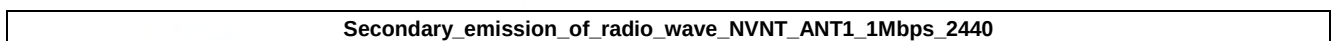
5. Secondary emission of radio wave

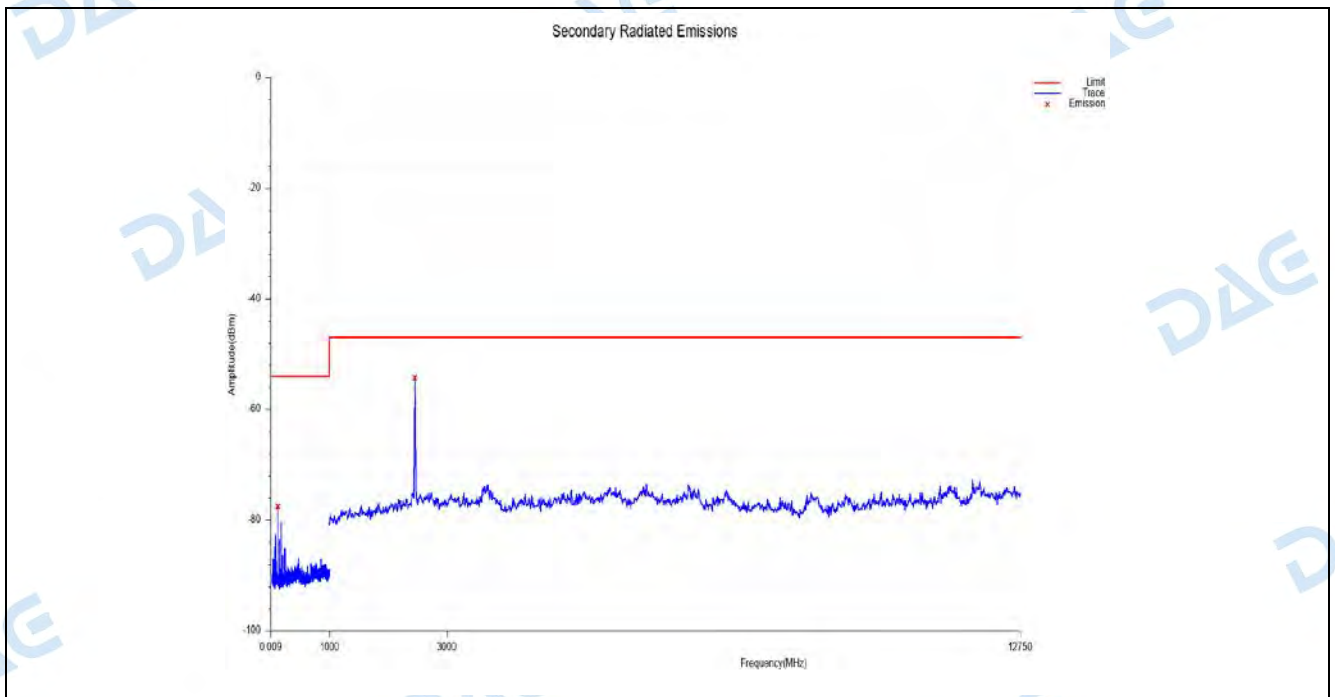
Condition	Antenna	Mode	Frequency(MHz)	Frequency Area(MHz)	RBW(kHz)	Spur. Fre.(MHz)	Spur. Level(dBm)	Limit(dBm)	Spur. Level	Limit	Result
NVNT	ANT1	1Mbps	2402	30.00~1000.00	100	120.21	-77.96	-54	0.0159nW	4nW	Pass
NVNT	ANT1	1Mbps	2402	1000.00~13000.00	1000	1756.00	-61.39	-47	0.7263nW	20nW	Pass
NVNT	ANT1	1Mbps	2440.00	30.00~1000.00	100	120.21	-77.54	-54	0.0176nW	4nW	Pass
NVNT	ANT1	1Mbps	2440.00	1000.00~13000.00	1000	2452.00	-54.24	-47	3.7667nW	20nW	Pass
NVNT	ANT1	1Mbps	2480	30.00~1000.00	100	120.21	-77.15	-54	0.0192nW	4nW	Pass
NVNT	ANT1	1Mbps	2480	1000.00~13000.00	1000	2464.00	-72.71	-47	0.0535nW	20nW	Pass
NVNT	ANT1	2Mbps	2402	30.00~1000.00	100	36.79	-66.96	-54	0.2015nW	4nW	Pass
NVNT	ANT1	2Mbps	2402	1000.00~13000.00	1000	12592.00	-73.10	-47	0.0490nW	20nW	Pass
NVNT	ANT1	2Mbps	2440.00	30.00~1000.00	100	917.55	-87.17	-54	0.0019nW	4nW	Pass
NVNT	ANT1	2Mbps	2440.00	1000.00~13000.00	1000	1756.00	-67.74	-47	0.1684nW	20nW	Pass
NVNT	ANT1	2Mbps	2480	30.00~1000.00	100	904.94	-84.47	-54	0.0035nW	4nW	Pass
NVNT	ANT1	2Mbps	2480	1000.00~13000.00	1000	1744.00	-63.29	-47	0.4685nW	20nW	Pass

Secondary emission of radio wave_NVNT_ANT1_1Mbps_2402

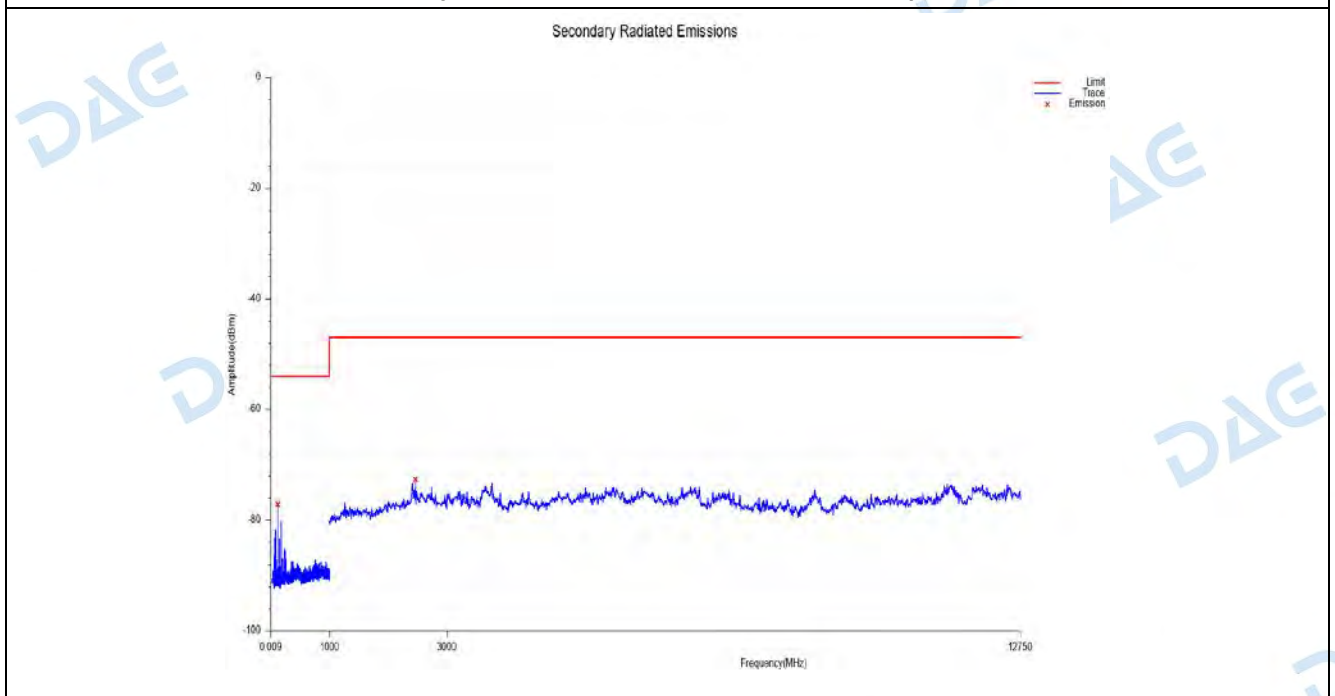


Secondary emission of radio wave_NVNT_ANT1_1Mbps_2440

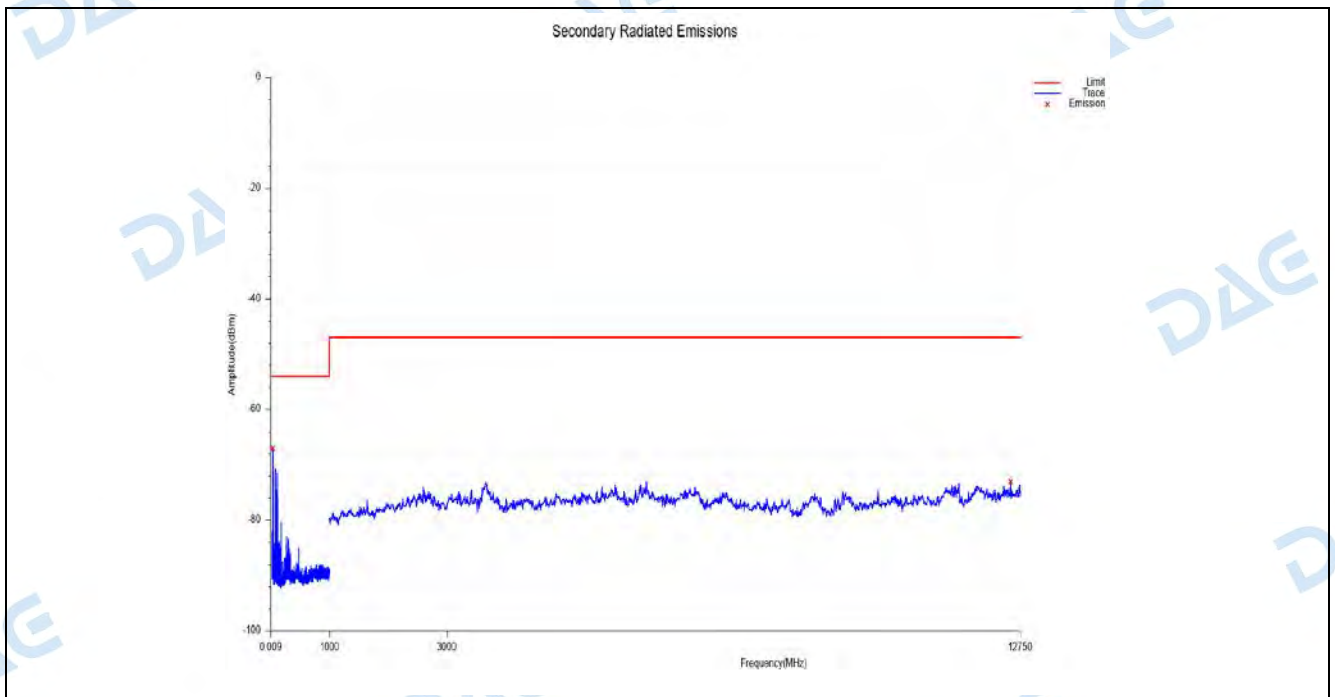




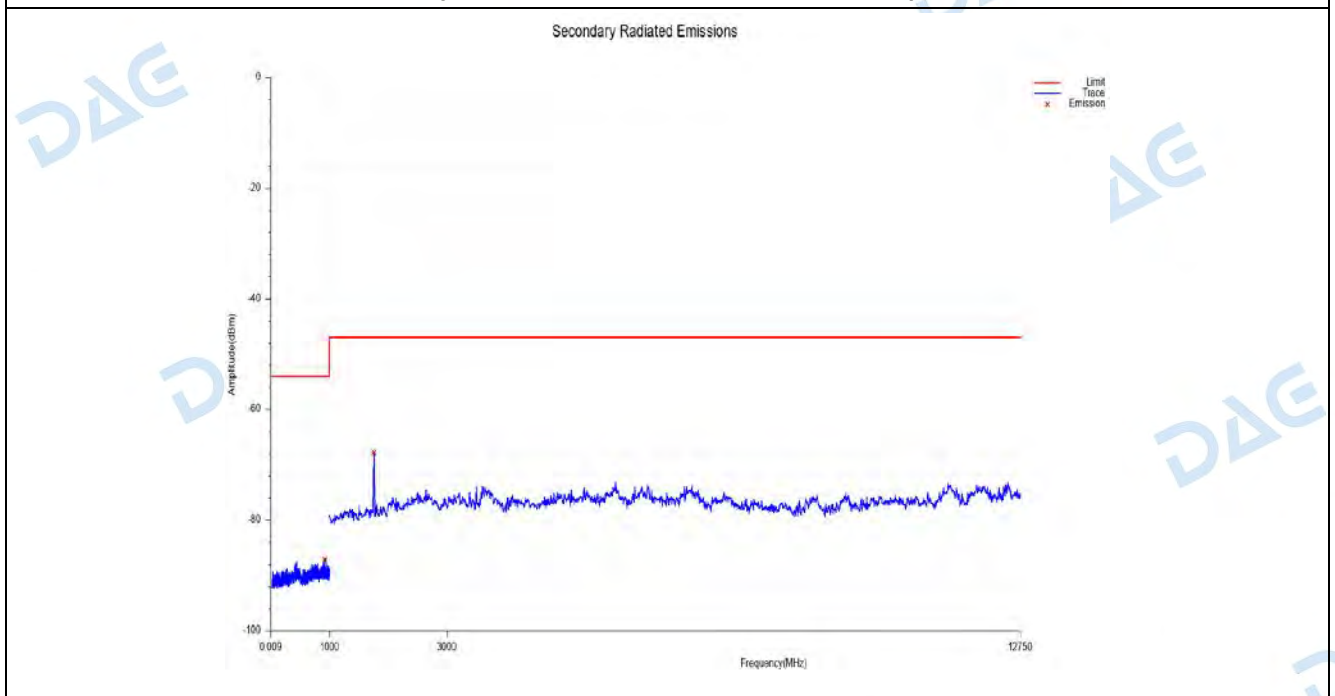
Secondary emission of radio wave_NVNT_ANT1_1Mbps_2480



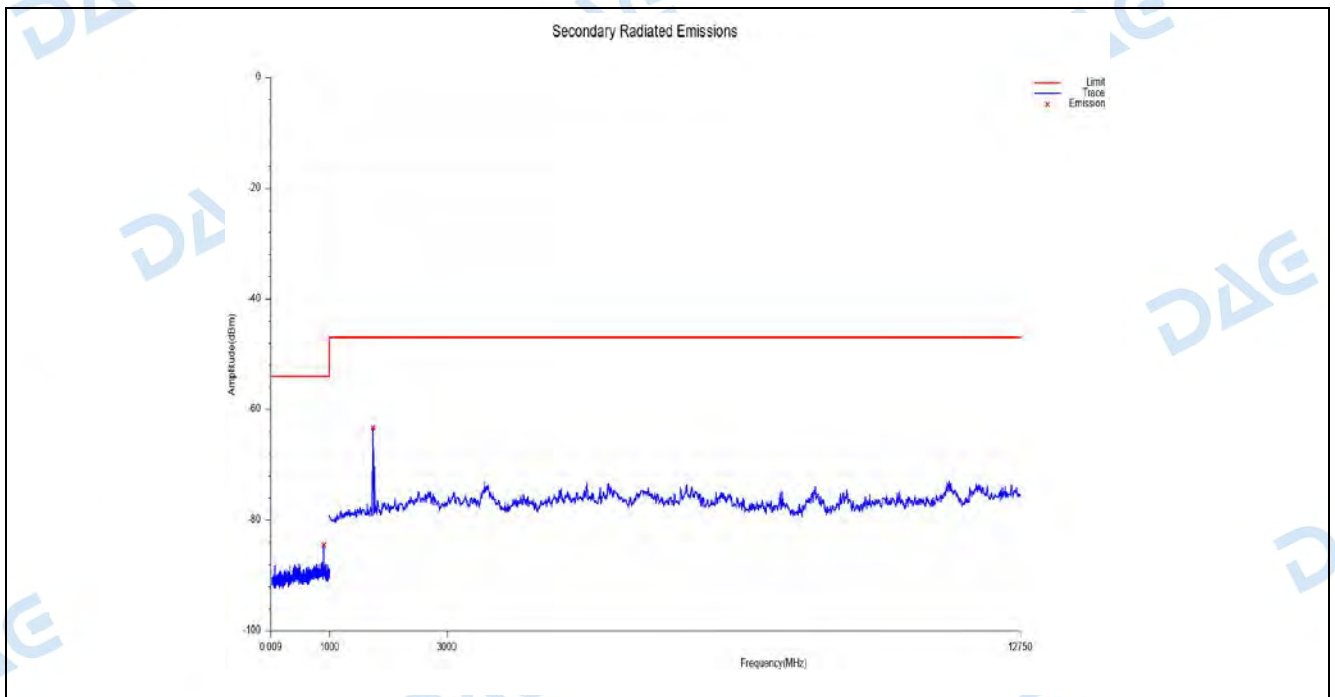
Secondary emission of radio wave_NVNT_ANT1_2Mbps_2402



Secondary emission of radio wave_NVNT_ANT1_2Mbps_2440



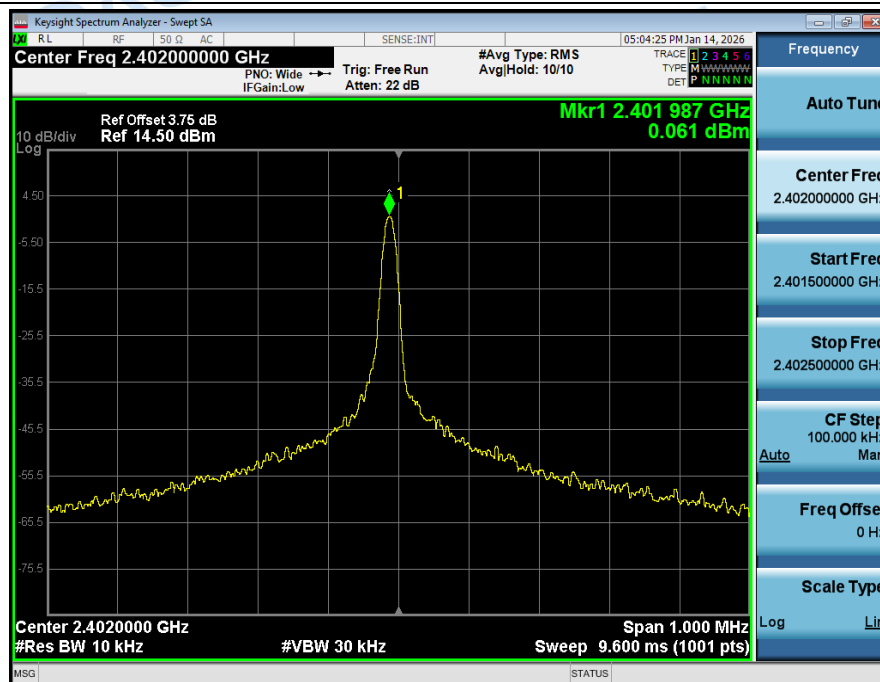
Secondary emission of radio wave_NVNT_ANT1_2Mbps_2480



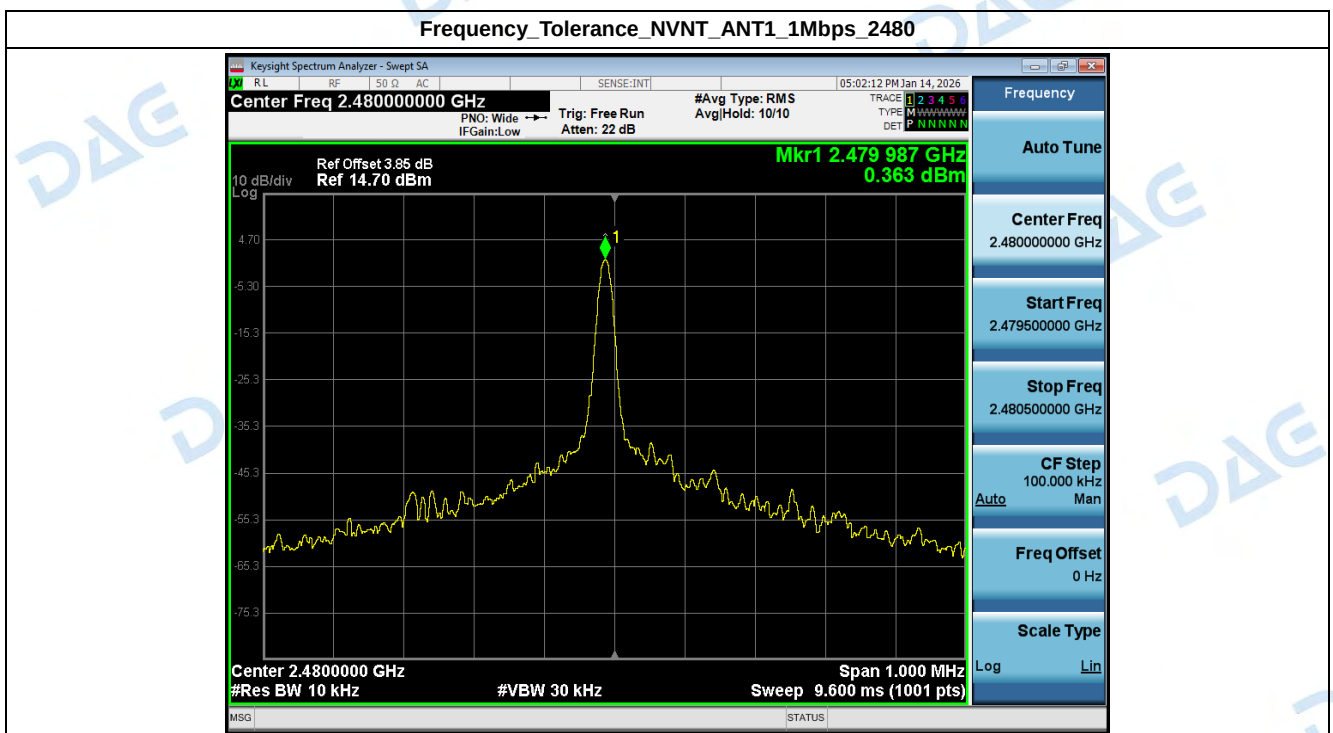
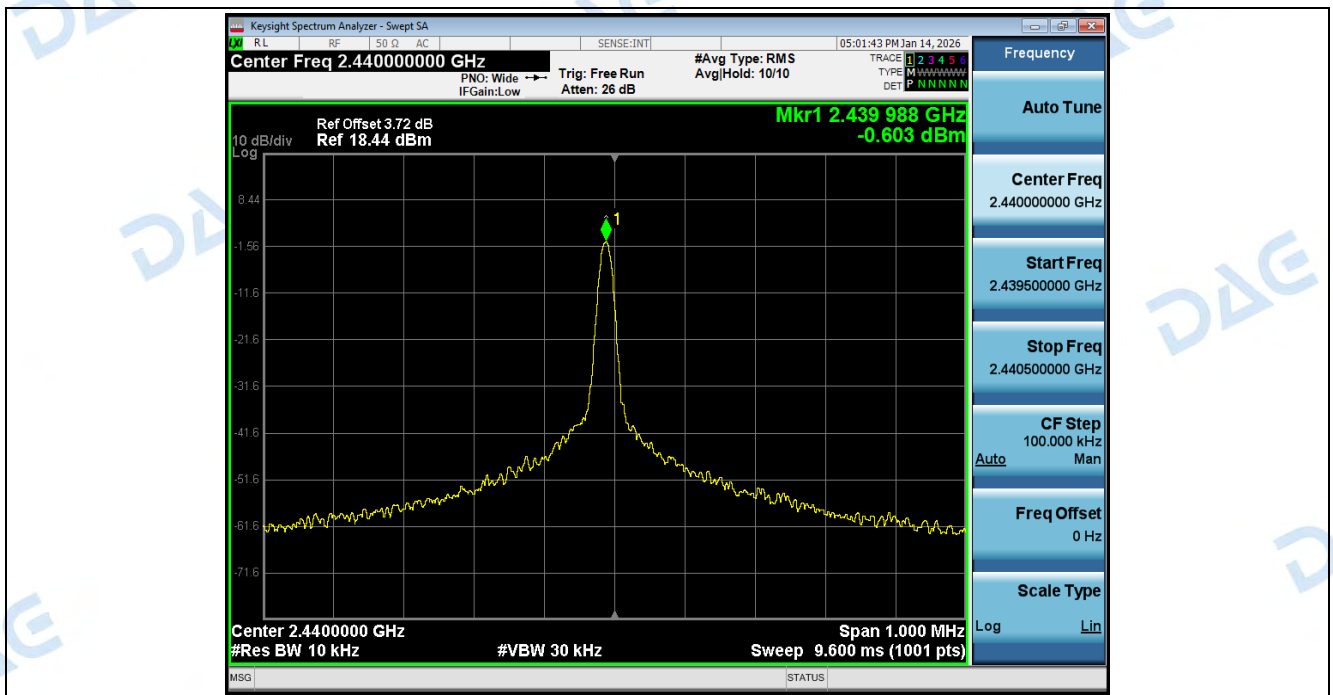
6. Frequency Tolerance

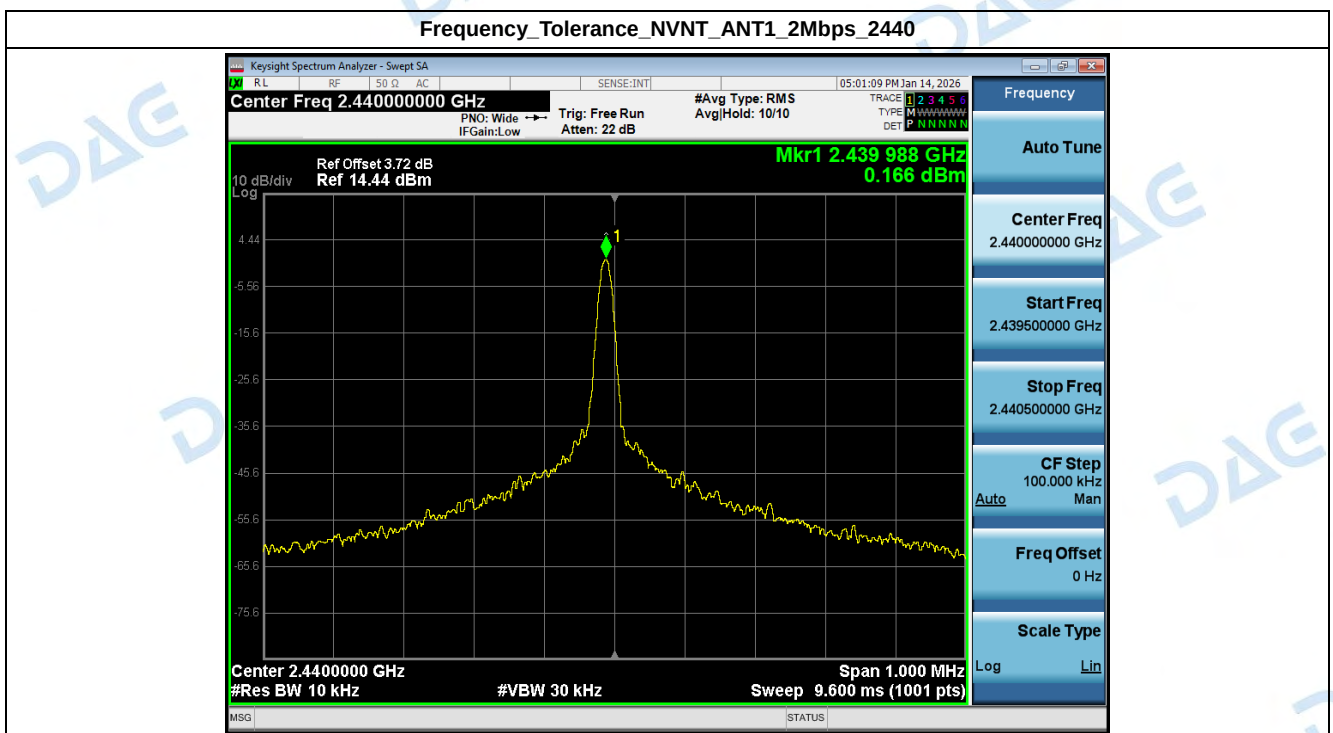
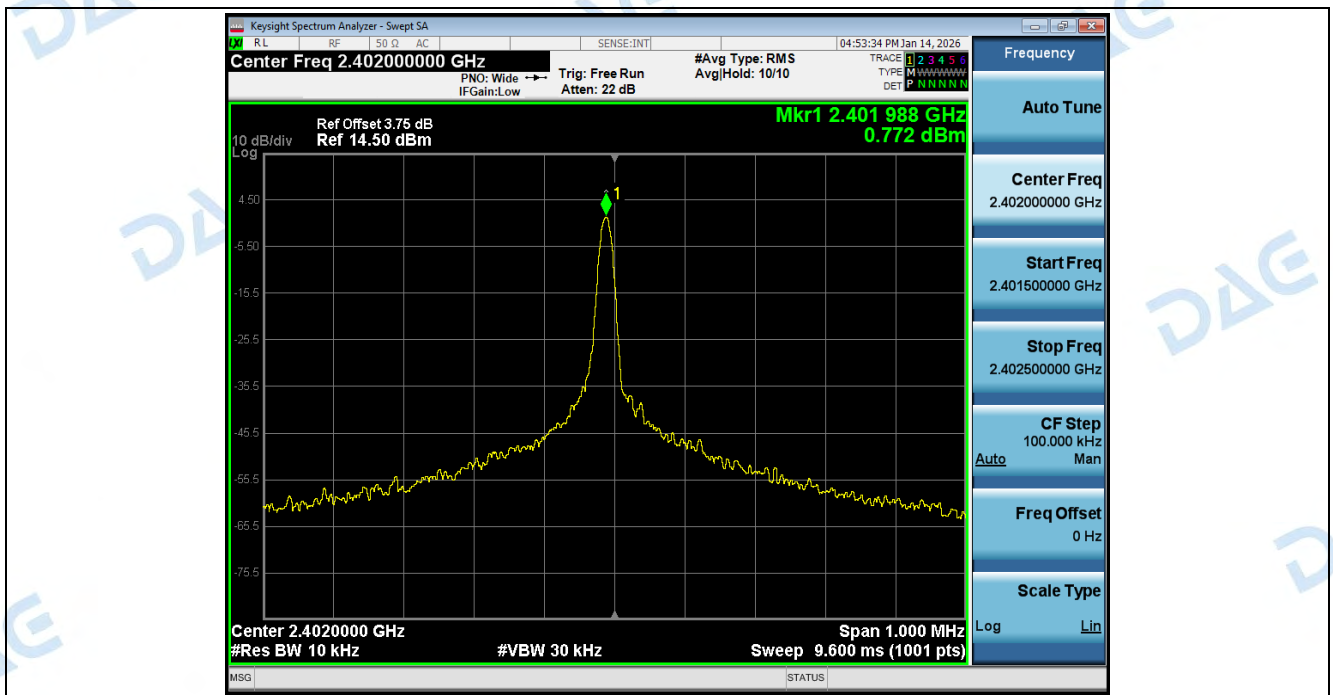
Condition	Antenna	Modulation	Frequency (MHz)	Test Frequency(MHz)	Frequency Tolerance(ppm)	Limit(ppm)	Result
NVNT	ANT1	1Mbps	2402	2401.987	-5.412	±50	Pass
NVNT	ANT1	1Mbps	2440.00	2439.988	-4.918	±50	Pass
NVNT	ANT1	1Mbps	2480	2479.987	-5.242	±50	Pass
NVNT	ANT1	2Mbps	2402	2401.988	-4.996	±50	Pass
NVNT	ANT1	2Mbps	2440.00	2439.988	-4.918	±50	Pass
NVNT	ANT1	2Mbps	2480	2479.988	-4.839	±50	Pass

Frequency_Tolerance_NVNT_ANT1_1Mbps_2402

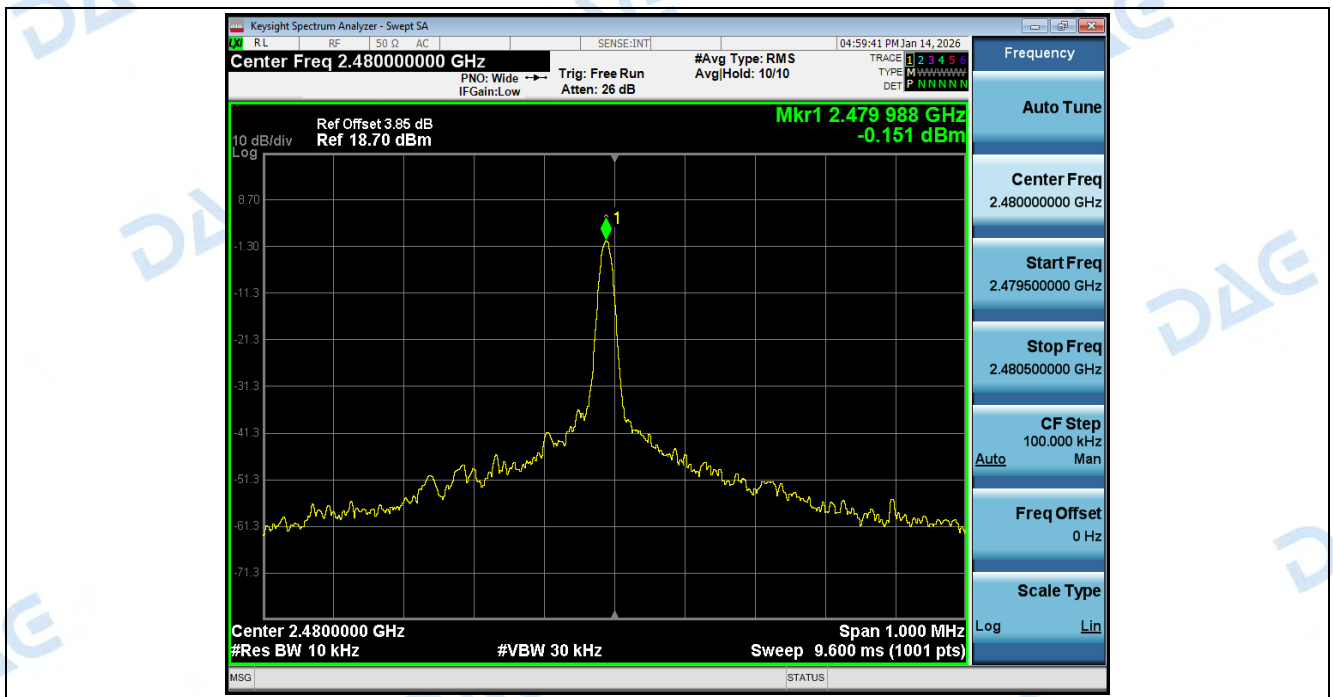


Frequency_Tolerance_NVNT_ANT1_1Mbps_2440





Frequency_Tolerance_NVNT_ANT1_2Mbps_2480



***** End of Report *****