

RF TEST REPORT

For

**HUIZHOU FORYOU OPTOELECTRONICS TECHNOLOGY CO.,
LTD.**

**Product Name: Photovoltaic energy storage DC integrated
machine**

Test Model(s): DA802

Report Reference No. : DACE240718006RL002

Applicant's Name : HUIZHOU FORYOU OPTOELECTRONICS TECHNOLOGY CO., LTD.

Address : Building No.6, Foryou Industrial Park Area B, No.1 North Shangxia
Road, Dongjiang High-tech Industry Park, Huizhou, Guangdong, China.

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 : ETSI EN 300 328 V2.2.2 (2019-07)

Date of Receipt : July 18, 2024

Date of Test : July 18, 2024 to July 29, 2024

Data of Issue : July 29, 2024

Result : Pass

Note: This report shall not be reproduced except in full, without the written approval of Shenzhen DACE Testing Technology Co., Ltd. This document may be altered or revised by Shenzhen DACE Testing Technology Co., Ltd. personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample

Revision History Of Report

Version	Description	REPORT No.	Issue Date
V1.0	Original	DACE240718006RL002	July 29, 2024

NOTE1:

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EU Directives.

**NOTE2:**

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.

Compiled by:

Ben Tang / Test Engineer

Supervised by:

Stone Yin / Project Engineer

Approved by:

Tom Chen / Manager

CONTENTS

1 TEST SUMMARY	4
1.1 TEST STANDARDS	4
1.2 SUMMARY OF TEST RESULT	4
2 GENERAL INFORMATION	5
2.1 CLIENT INFORMATION	5
2.2 DESCRIPTION OF DEVICE (EUT)	5
2.3 DESCRIPTION OF TEST MODES	5
2.4 DESCRIPTION OF SUPPORT UNITS	5
2.5 EQUIPMENTS USED DURING THE TEST	6
2.6 STATEMENT OF THE MEASUREMENT UNCERTAINTY	6
3 RADIO SPECTRUM MATTER TEST RESULTS (RF)	7
3.1 RF POWER	7
3.1.1 E.U.T. Operation:	7
3.1.2 Test Setup Diagram:	7
3.1.3 Test Data:	7
3.2 POWER SPECTRAL DENSITY	8
3.2.1 E.U.T. Operation:	8
3.2.2 Test Setup Diagram:	8
3.2.3 Test Data:	8
3.3 OCCUPIED CHANNEL BANDWIDTH	9
3.3.1 E.U.T. Operation:	9
3.3.2 Test Setup Diagram:	9
3.3.3 Test Data:	9
3.4 TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN	10
3.4.1 E.U.T. Operation:	10
3.4.2 Test Setup Diagram:	10
3.4.3 Test Data:	10
3.5 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN, CONDUCTED	11
3.5.1 E.U.T. Operation:	11
3.5.2 Test Setup Diagram:	11
3.5.3 Test Data:	11
3.6 RECEIVER SPURIOUS EMISSIONS, CONDUCTED	12
3.6.1 E.U.T. Operation:	12
3.6.2 Test Setup Diagram:	12
3.6.3 Test Data:	12
3.7 RECEIVER BLOCKING	13
3.7.1 E.U.T. Operation:	13
3.7.2 Test Setup Diagram:	13
3.7.3 Test Data:	13
4 PHOTOS OF THE EUT	14
APPENDIX	21
1. OCCUPIED CHANNEL BANDWIDTH	22
2. RF OUTPUT POWER	26
3. POWER SPECTRAL DENSITY	36
4. OOB	40
5. TRANSMITTER SPURIOUS EMISSIONS	43
6. RECEIVER SPURIOUS EMISSIONS DOMAIN	48
7. RECEIVER BLOCKING	51

1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

ETSI EN 300 328 V2.2.2 (2019-07): Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

1.2 Summary of Test Result

Item	Standard	Method	Requirement	Result
RF Power	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.2.2.1	Clause 4.3.2.2.1	Pass
Power Spectral Density	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.3.2.1	Clause 4.3.2.3.1	Pass
Occupied Channel Bandwidth	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.7.2.1	Clause 4.3.2.7.1	Pass
Transmitter unwanted emissions in the out-of-band domain	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.8.2.1	Clause 4.3.2.8.1	Pass
Transmitter unwanted emissions in the spurious domain, conducted	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.9.2.1	Clause 4.3.2.9.1	Pass
Receiver spurious emissions, conducted	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.10.2.1	Clause 4.3.2.10.1	Pass
Receiver Blocking	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.11.2.1	Clause 4.3.2.11.1	Pass

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name : HUIZHOU FORYOU OPTOELECTRONICS TECHNOLOGY CO., LTD.
Address : Building No.6, Foryou Industrial Park Area B, No.1 North Shangxia Road, Dongjiang High-tech Industry Park, Huizhou, Guangdong, China.

Manufacturer : HUIZHOU FORYOU OPTOELECTRONICS TECHNOLOGY CO., LTD.
Address : Building No.6, Foryou Industrial Park Area B, No.1 North Shangxia Road, Dongjiang High-tech Industry Park, Huizhou, Guangdong, China.

2.2 Description of Device (EUT)

Product Name:	Photovoltaic energy storage DC integrated machine
Model/Type reference:	DA802
Series Model:	N/A
Trade Mark:	ADAYO
Power Supply:	DC60V14*2A
Operation Frequency:	2402~2480MHz
Number of Channels:	40
Modulation Type:	GFSK
Antenna Type:	Internal
Antenna Gain:	0dBi
Hardware Version:	V1.0
Software Version:	V1.0

2.3 Description of Test Modes

No	Title	Description
TM1	TX	Keep the EUT in transmitting mode
TM2	RX	Keep the EUT in receiving mode

2.4 Description of Support Units

The EUT was tested as an independent device.

2.5 Equipments Used During The Test

RF Power Power Spectral Density Occupied Channel Bandwidth Transmitter unwanted emissions in the out-of-band domain Transmitter unwanted emissions in the spurious domain, conducted Receiver spurious emissions, conducted Receiver Blocking					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Test Software	TACHOY	RTS-01	V2.0.0.0	/	/
High Pass filter	ZHINAN	OQHPF1-M1.5-18G-224	6210075	/	/
Power divider	MIDEWEST	PWD-2533	SMA-79	2023-05-11	2026-05-10
RF Sensor Unit	Tachoy Information Technology (Shenzhen) Co., Ltd.	TR1029-2	000001	/	/
Wideband radio communication tester	R&S	CMW500	113410	2024-06-12	2025-06-11
Vector signal generator	Keysight	N5181A	MY48180415	2023-11-09	2024-11-08
Signal generator	Keysight	N5182A	MY50143455	2023-11-09	2024-11-08
Spectrum Analyzer	Keysight	N9020A	MY53420323	2023-12-12	2024-12-11

2.6 Statement Of The Measurement Uncertainty

Test Item	Measurement Uncertainty
RF conducted power	±0.733dB
RF power density	±0.234%
Occupied Bandwidth	±3.63%
Conducted Spurious emissions	±1.98dB
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3 Radio Spectrum Matter Test Results (RF)

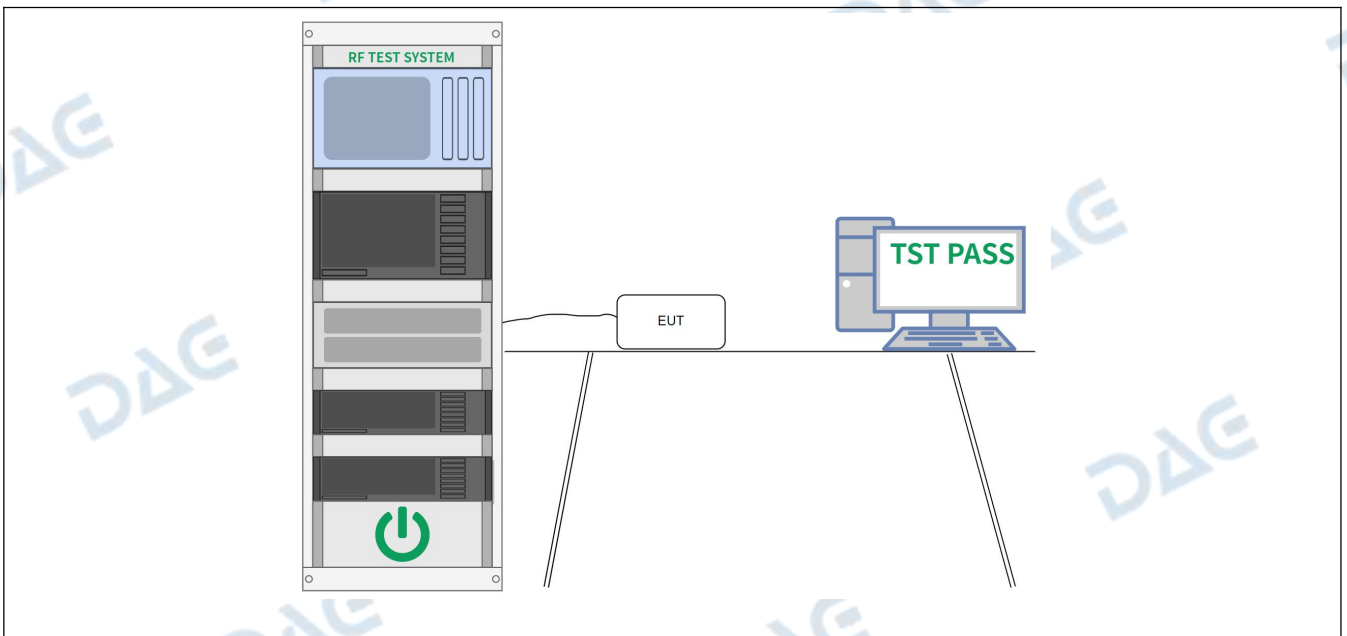
3.1 RF Power

Test Requirement:	Clause 4.3.2.2.1
Test Limit:	<=20dBm
Test Method:	Clause 5.4.2.2.1
Procedure:	Clause 5.4.2.2.1.2

3.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

3.1.2 Test Setup Diagram:



3.1.3 Test Data:

Please Refer to Appendix for Details.

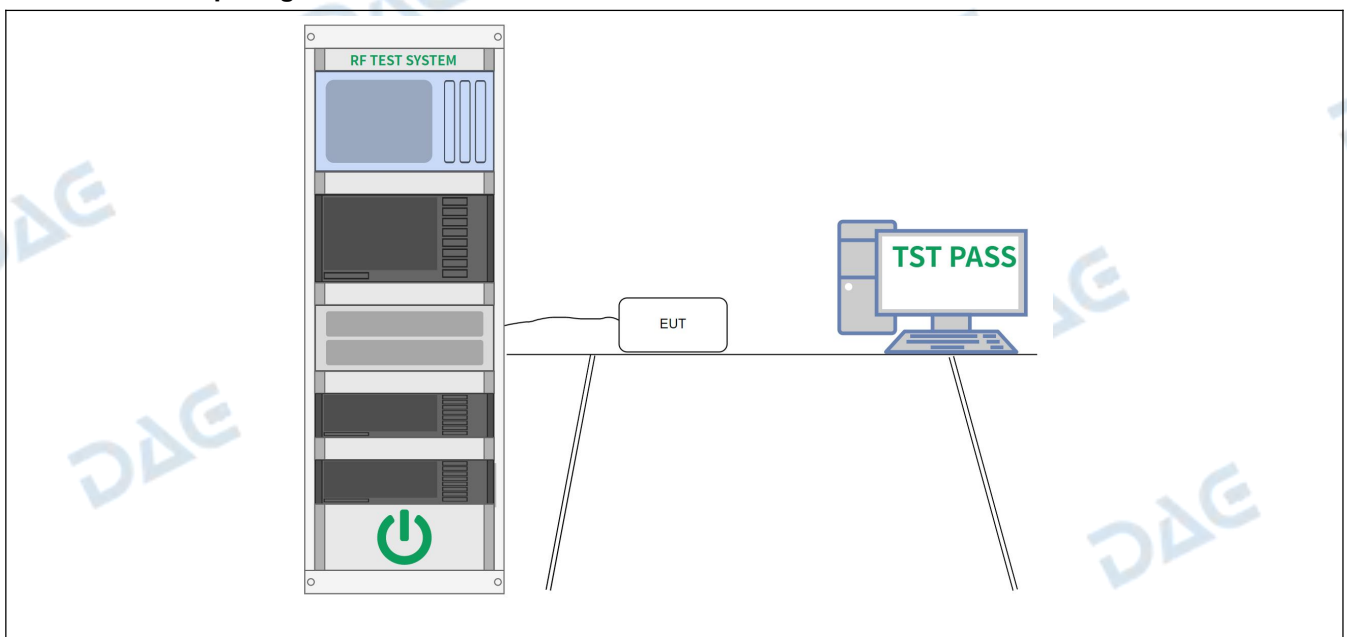
3.2 Power Spectral Density

Test Requirement:	Clause 4.3.2.3.1
Test Limit:	$\leq 10\text{dBm/MHz}$
Test Method:	Clause 5.4.3.2.1
Procedure:	Clause 5.4.3.2.1

3.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

3.2.2 Test Setup Diagram:



3.2.3 Test Data:

Please Refer to Appendix for Details.

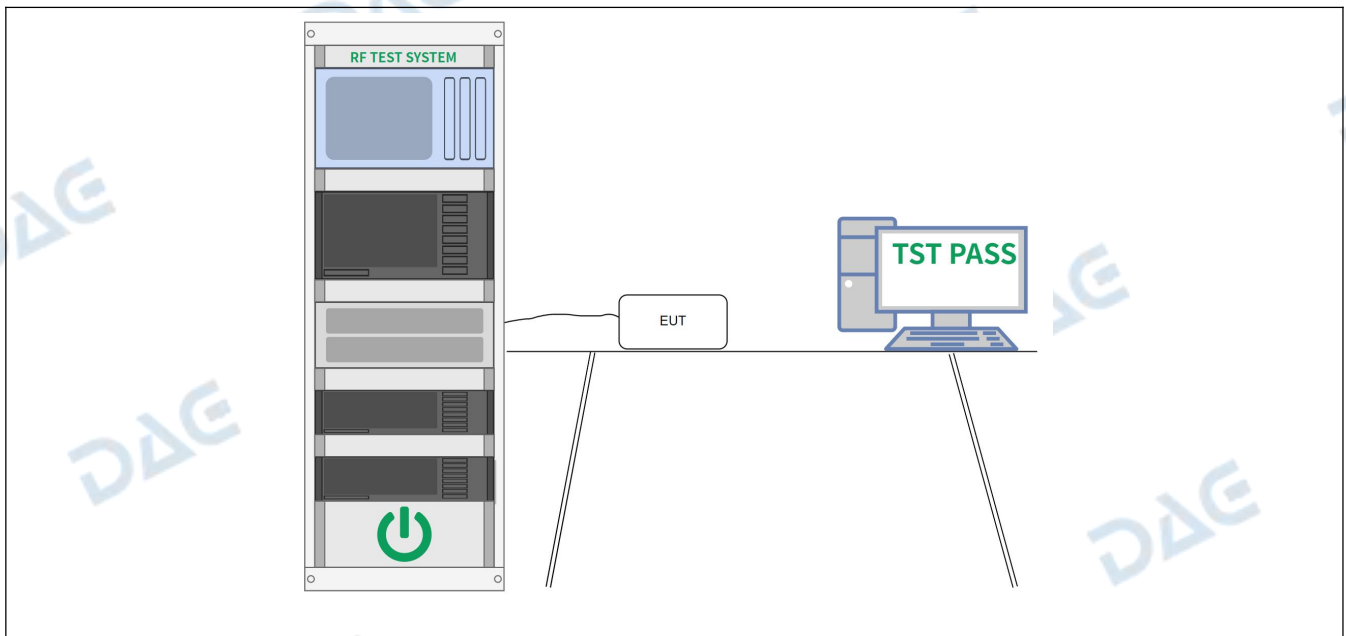
3.3 Occupied Channel Bandwidth

Test Requirement:	Clause 4.3.2.7.1
Test Limit:	Clause 4.3.2.7.3
Test Method:	Clause 5.4.7.2.1
Procedure:	Clause 5.4.7.2

3.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

3.3.2 Test Setup Diagram:



3.3.3 Test Data:

Please Refer to Appendix for Details.

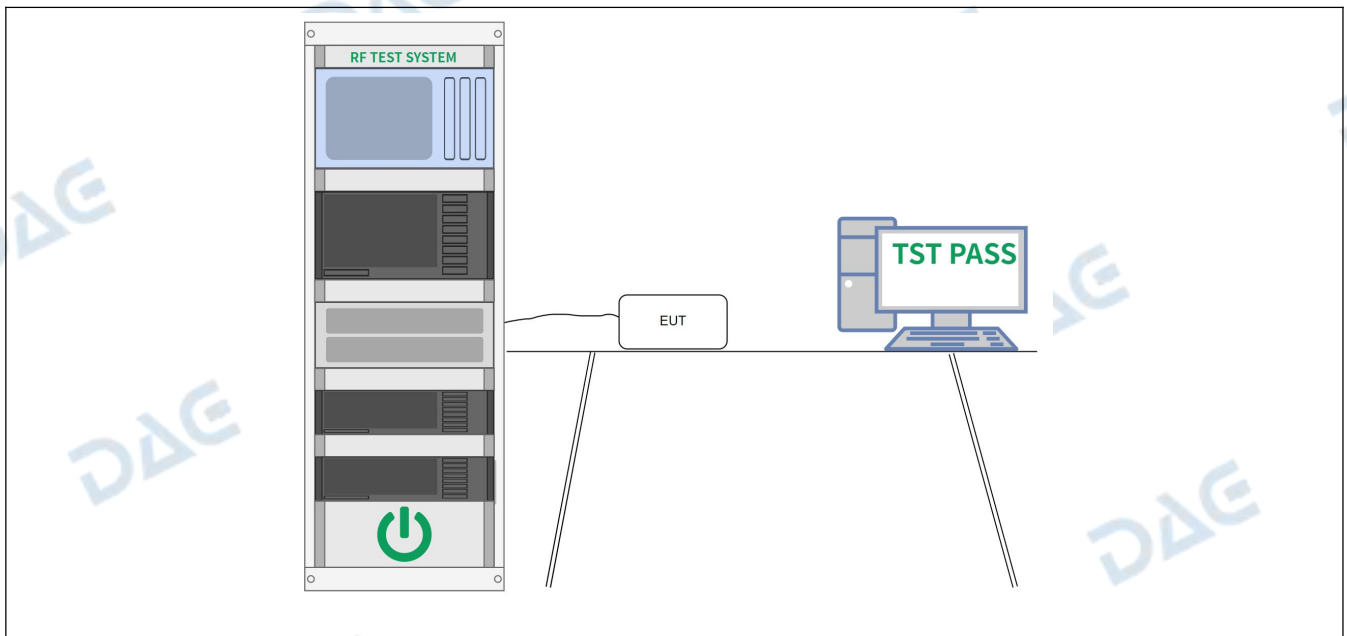
3.4 Transmitter unwanted emissions in the out-of-band domain

Test Requirement:	Clause 4.3.2.8.1
Test Limit:	Clause 4.3.2.8.3
Test Method:	Clause 5.4.8.2.1
Procedure:	Clause 5.4.8.2.1

3.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

3.4.2 Test Setup Diagram:



3.4.3 Test Data:

Please Refer to Appendix for Details.

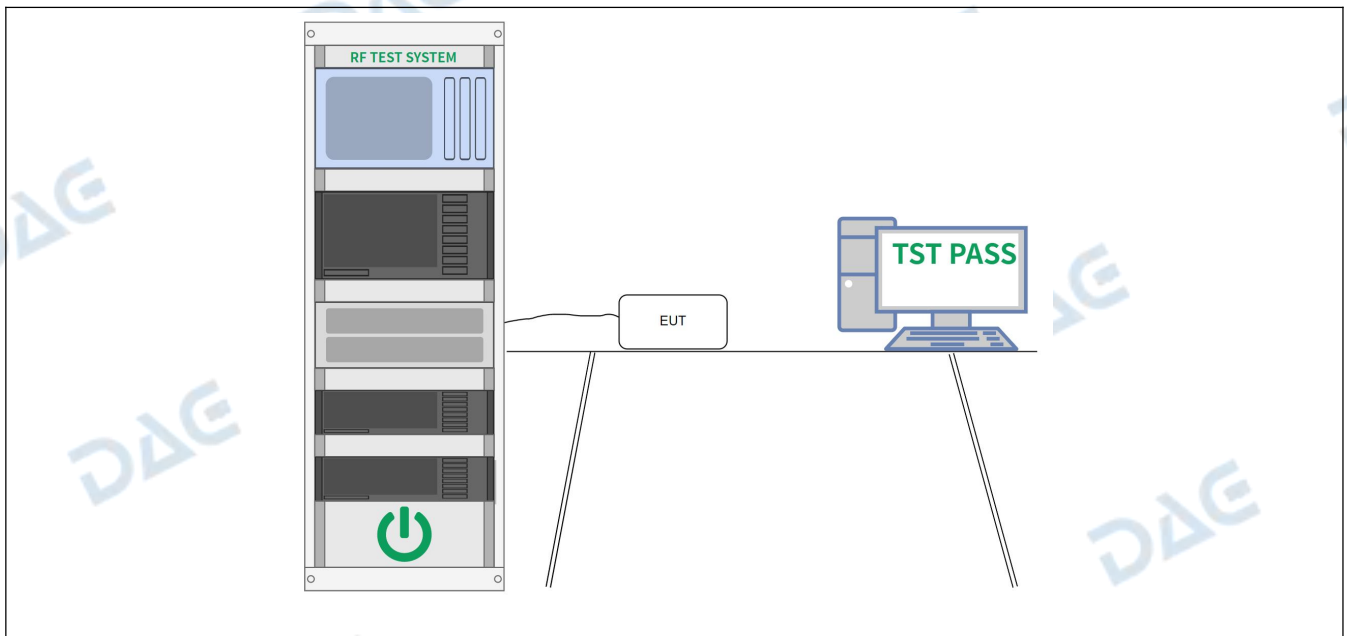
3.5 Transmitter unwanted emissions in the spurious domain, conducted

Test Requirement:	Clause 4.3.2.9.1
Test Limit:	Clause 4.3.2.9.3
Test Method:	Clause 5.4.9.2.1
Procedure:	Clause 5.4.9.2.1

3.5.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM1				
Final test mode:	TM1				

3.5.2 Test Setup Diagram:



3.5.3 Test Data:

Please Refer to Appendix for Details.

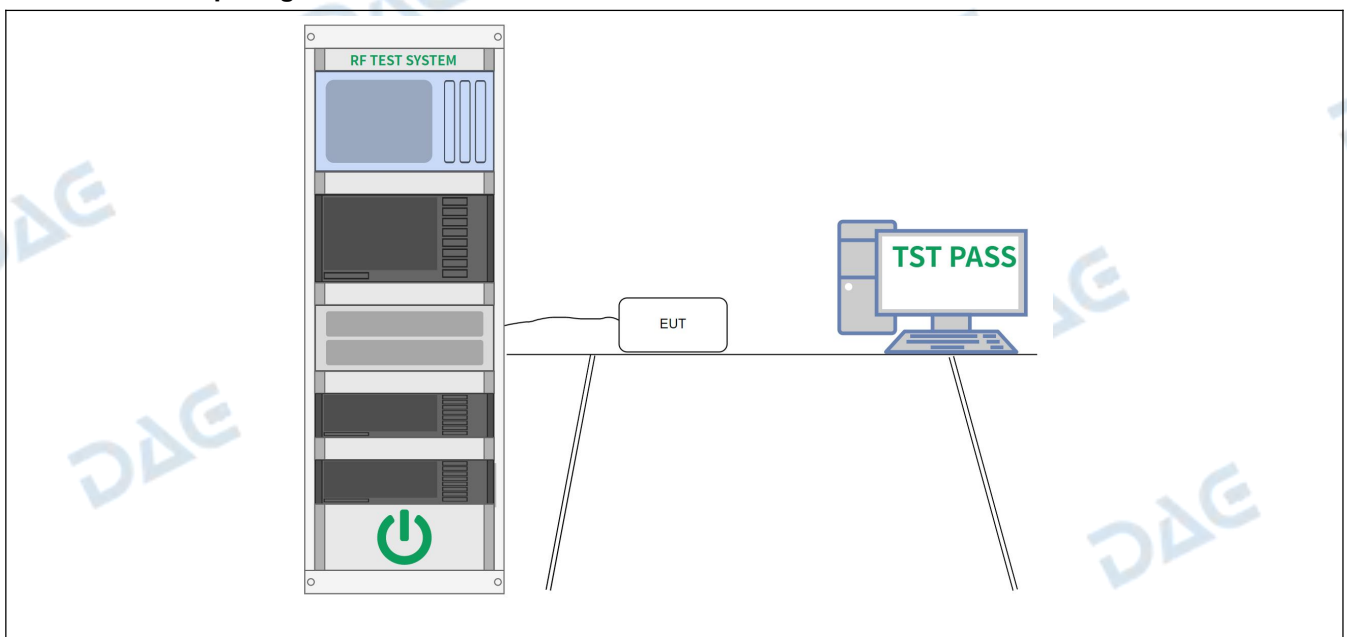
3.6 Receiver spurious emissions, conducted

Test Requirement:	Clause 4.3.2.10.1
Test Limit:	Clause 4.3.2.10.3
Test Method:	Clause 5.4.10.2.1
Procedure:	Clause 5.4.10.2.1

3.6.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM2				
Final test mode:	TM2				

3.6.2 Test Setup Diagram:



3.6.3 Test Data:

Please Refer to Appendix for Details.

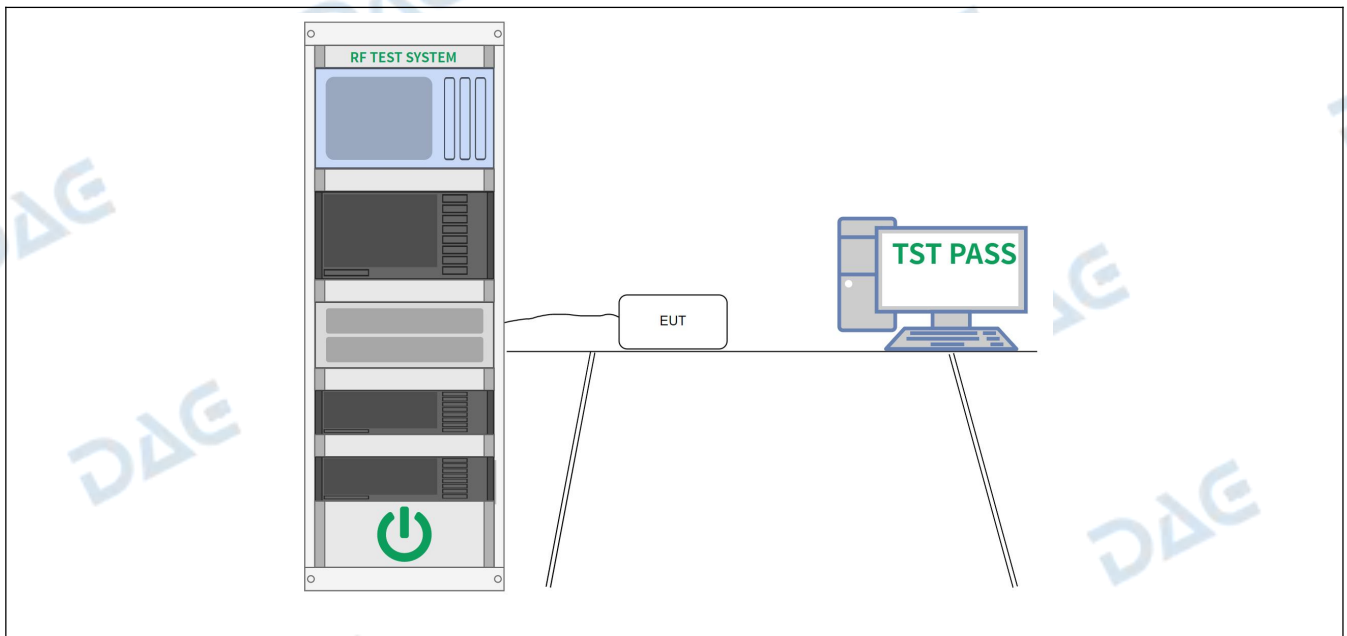
3.7 Receiver Blocking

Test Requirement:	Clause 4.3.2.11.1
Test Limit:	Clause 4.3.2.11.4
Test Method:	Clause 5.4.11.2.1
Procedure:	Clause 5.4.11.2.1

3.7.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49 %	Atmospheric Pressure:	102 kPa
Pretest mode:	TM2				
Final test mode:	TM2				

3.7.2 Test Setup Diagram:



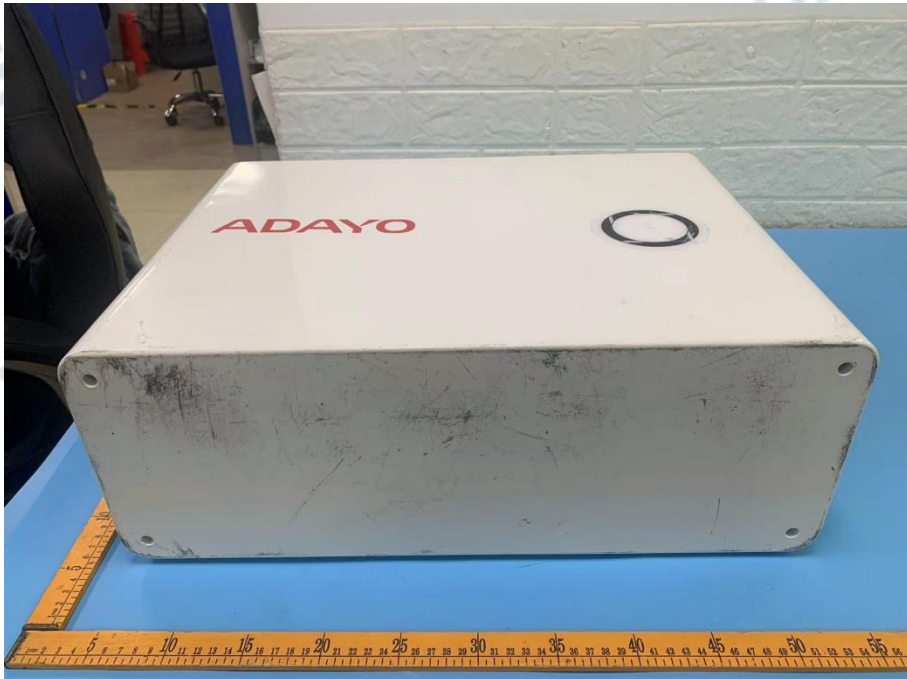
3.7.3 Test Data:

Please Refer to Appendix for Details.

4 PHOTOS OF THE EUT

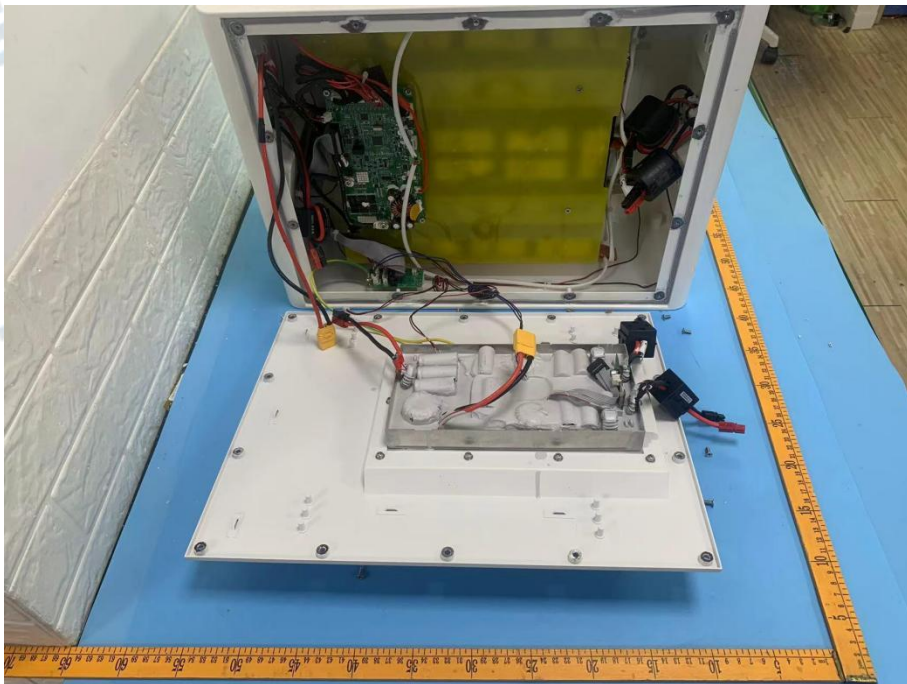
External

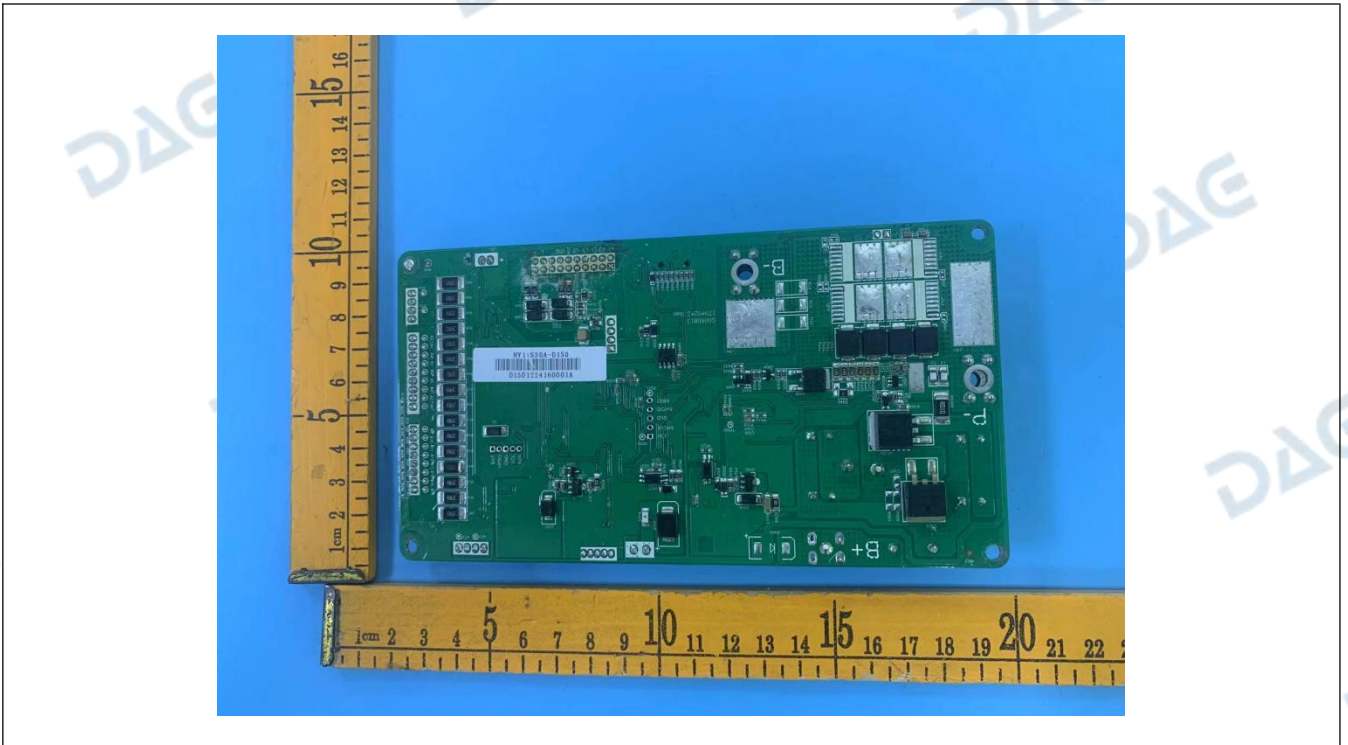
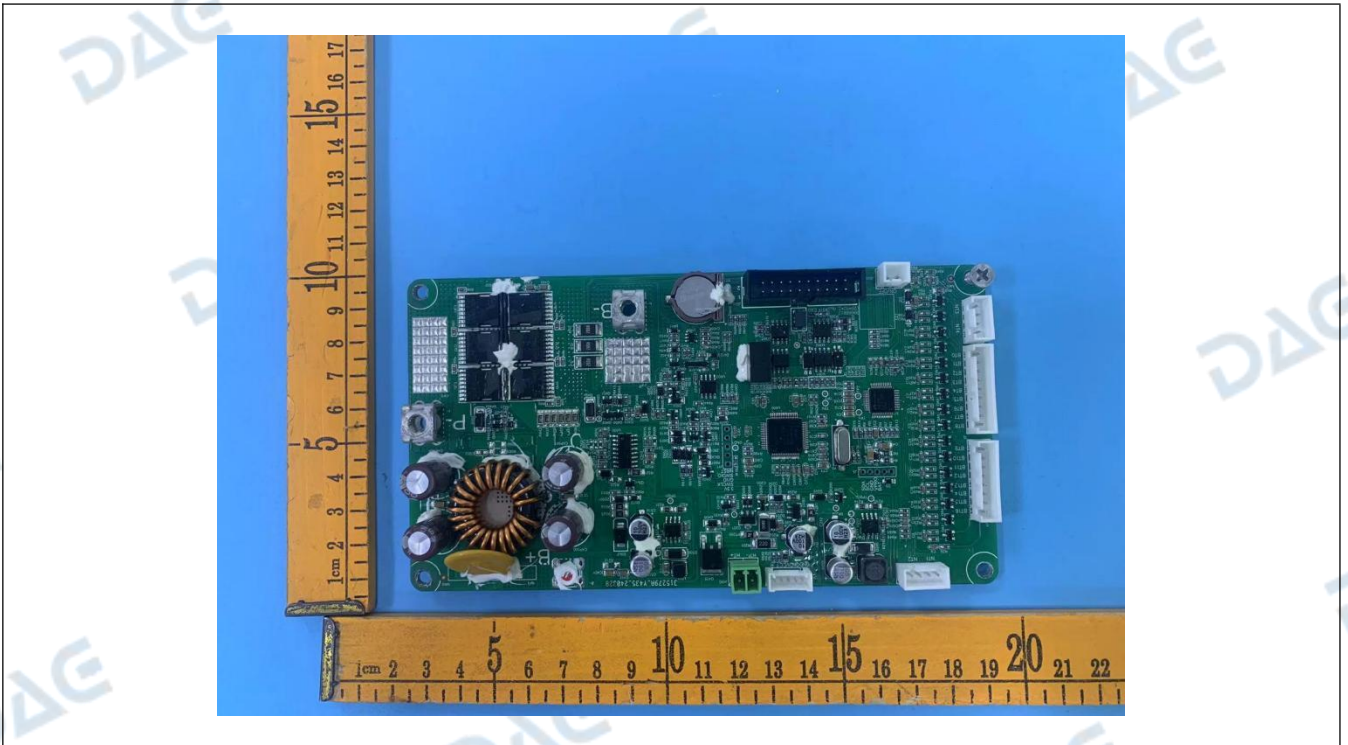


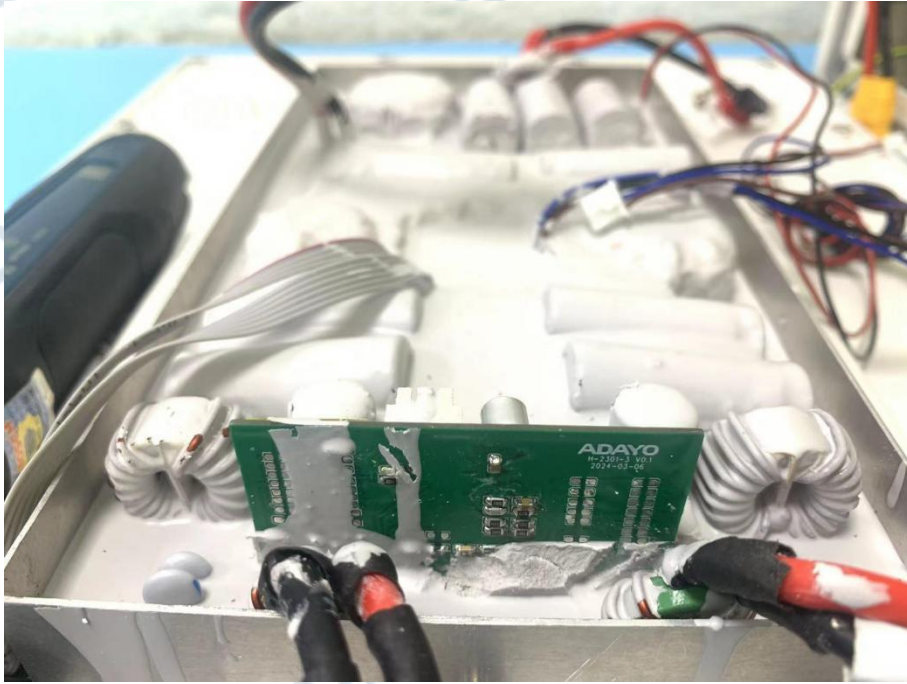


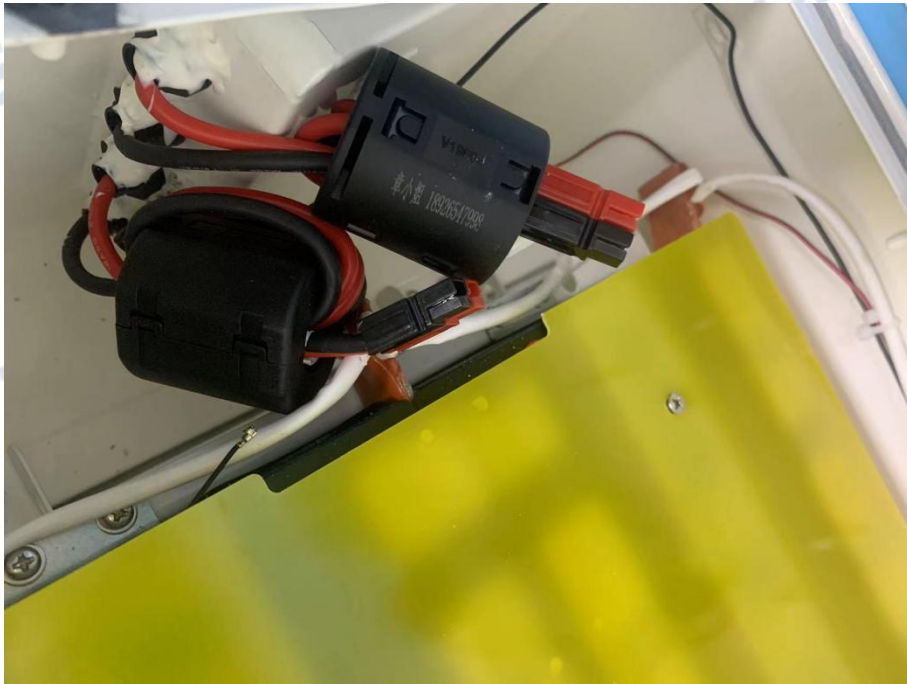
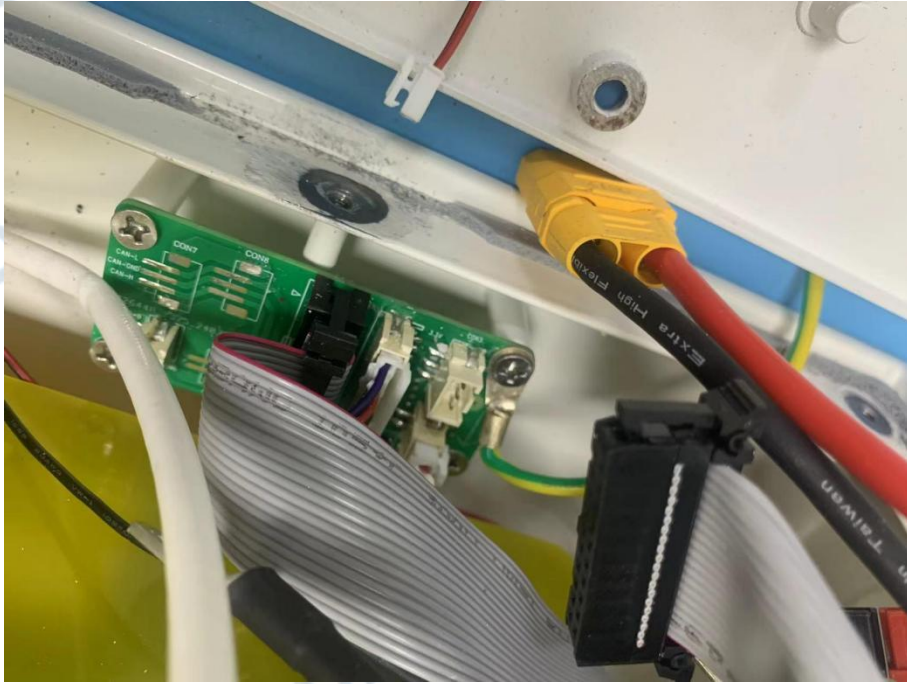


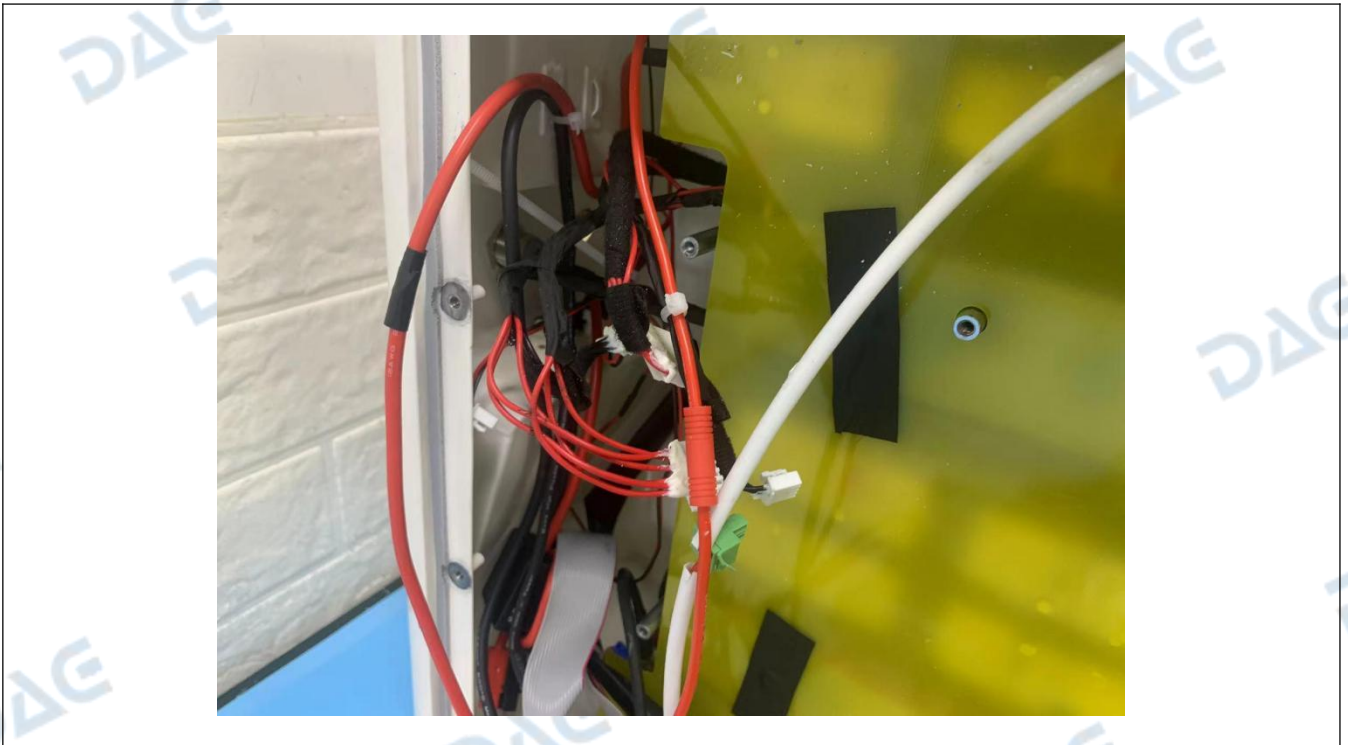
Internal











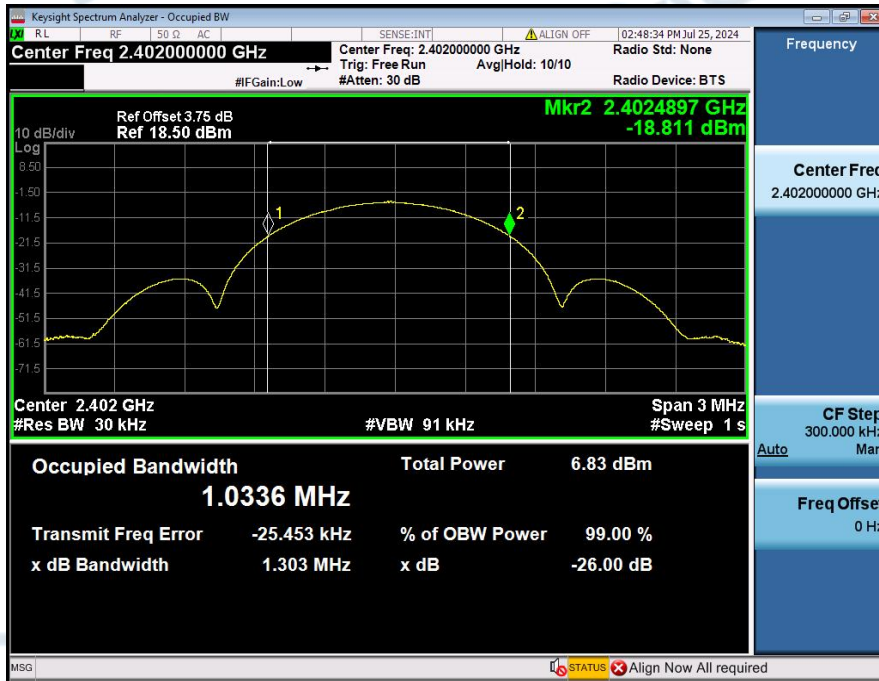
Appendix

HT240718003--DA802--BLE--CE CE_BLE (EN 300328 V2.2.2_2019-07) Test Data

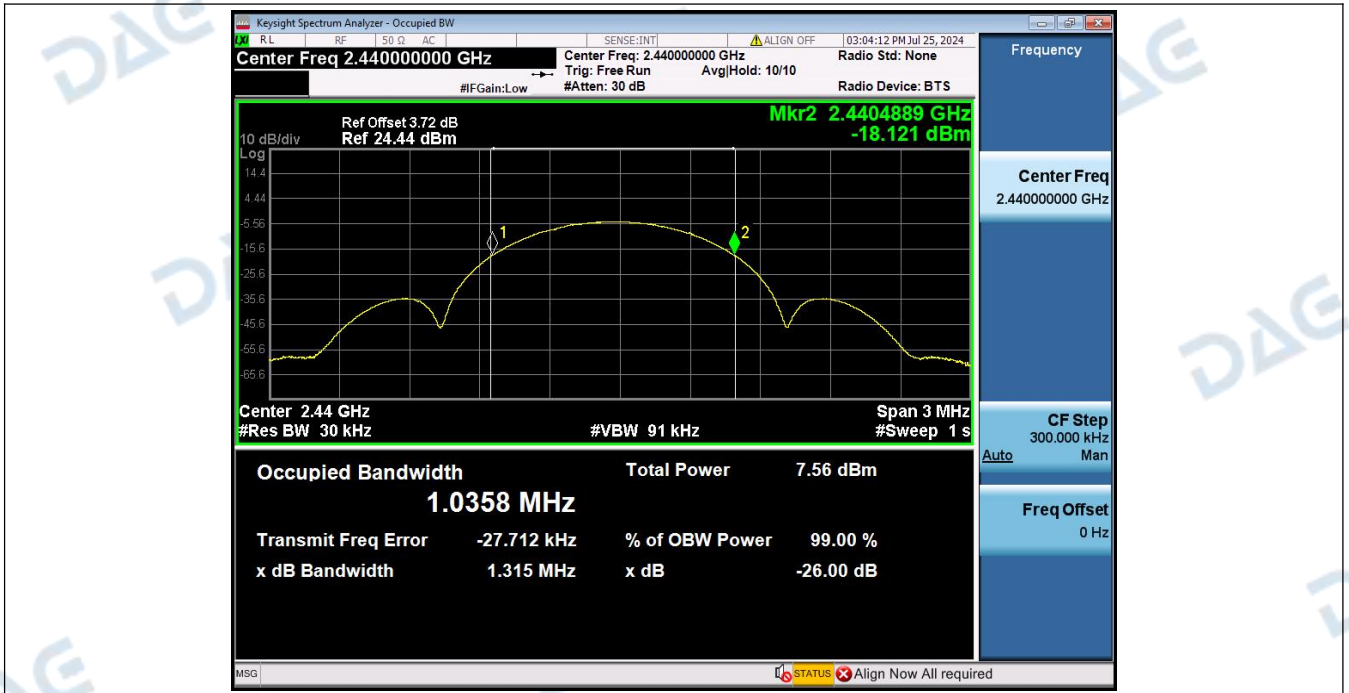
1. Occupied Channel Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)	Lower edge (MHz)	Upper edge (MHz)	Limit (MHz)	Result
NVNT	ANT1	1Mbps	2402.00	1.034	2401.456	2402.490	2400~2483.5	Pass
NVNT	ANT1	1Mbps	2440.00	1.036	2439.453	2440.489	2400~2483.5	Pass
NVNT	ANT1	1Mbps	2480.00	1.037	2479.450	2480.487	2400~2483.5	Pass
NVNT	ANT1	2Mbps	2402.00	2.074	2400.930	2403.004	2400~2483.5	Pass
NVNT	ANT1	2Mbps	2440.00	2.076	2438.936	2441.012	2400~2483.5	Pass
NVNT	ANT1	2Mbps	2480.00	2.078	2478.930	2481.009	2400~2483.5	Pass

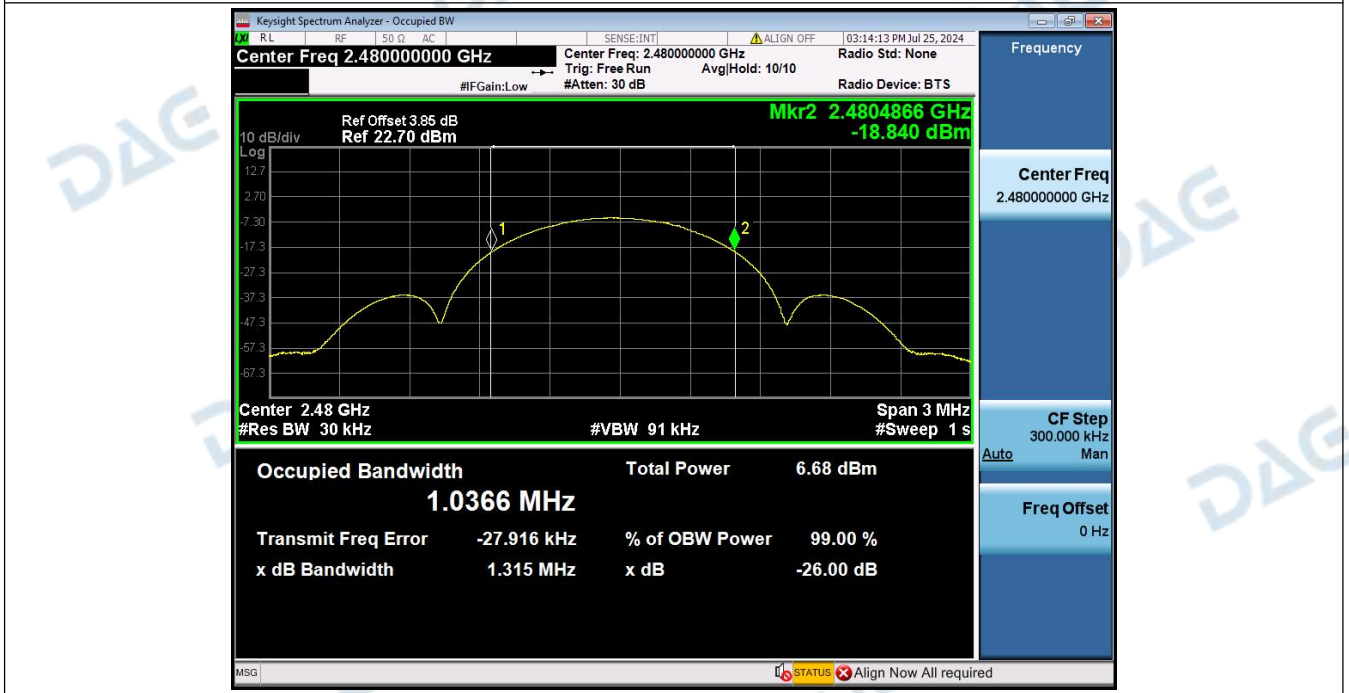
Occupied_Channel_Bandwidth_NVNT_ANT1_1Mbps_2402



Occupied_Channel_Bandwidth_NVNT_ANT1_1Mbps_2440



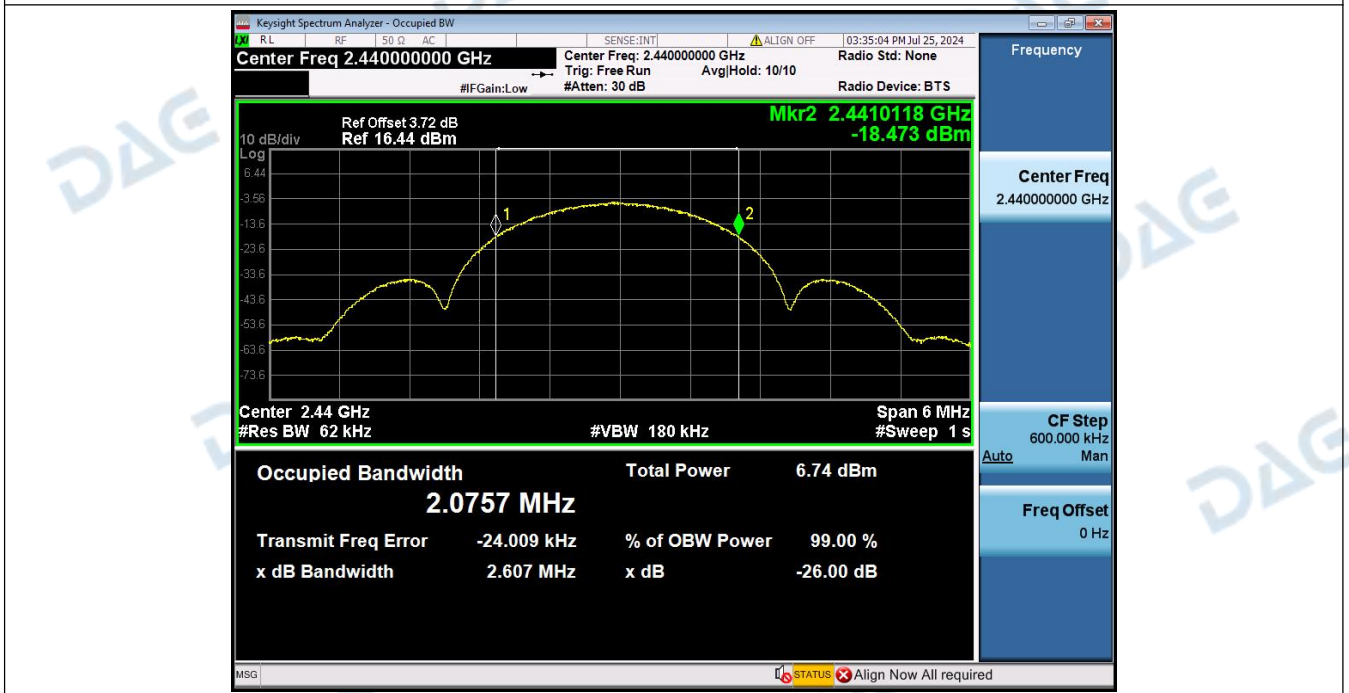
Occupied_Channel_Bandwidth_NVNT_ANT1_1Mbps_2480



Occupied_Channel_Bandwidth_NVNT_ANT1_2Mbps_2402



Occupied_Channel_Bandwidth_NVNT_ANT1_2Mbps_2440

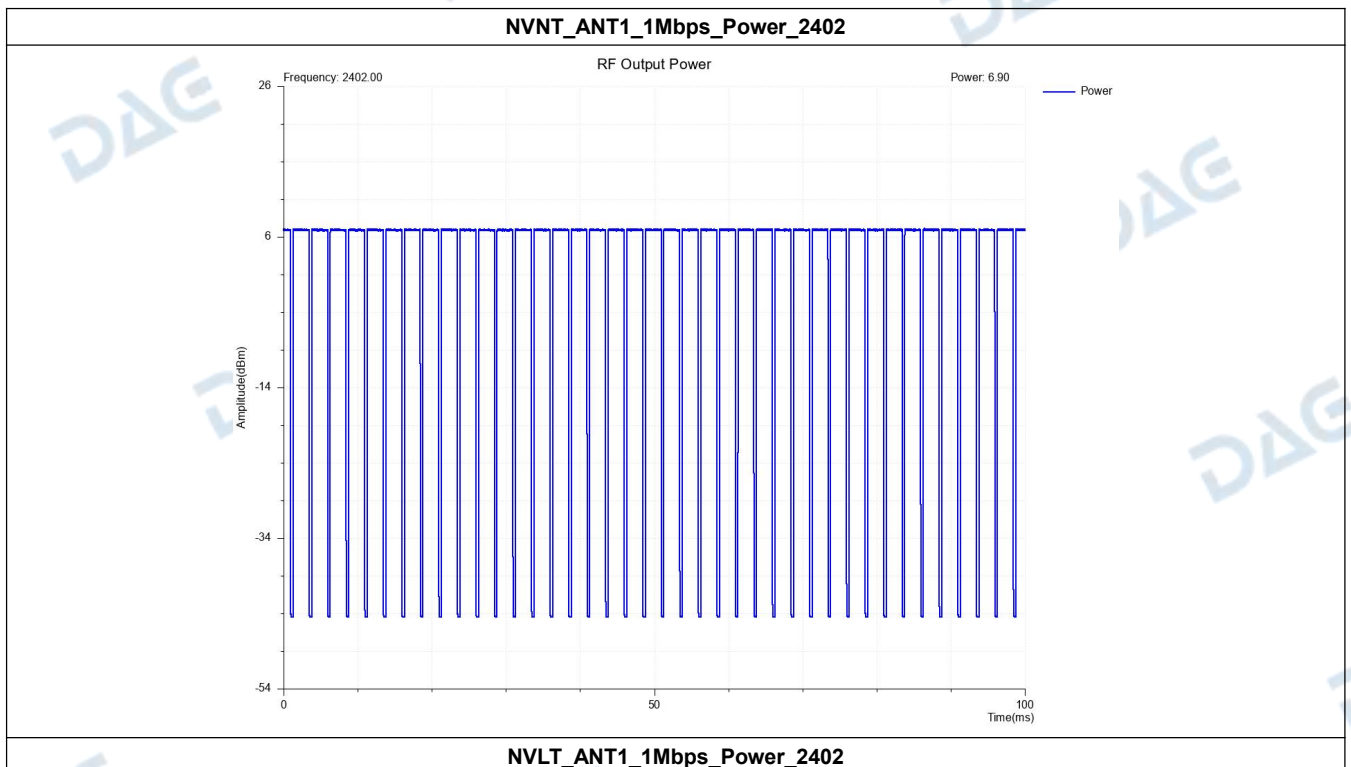


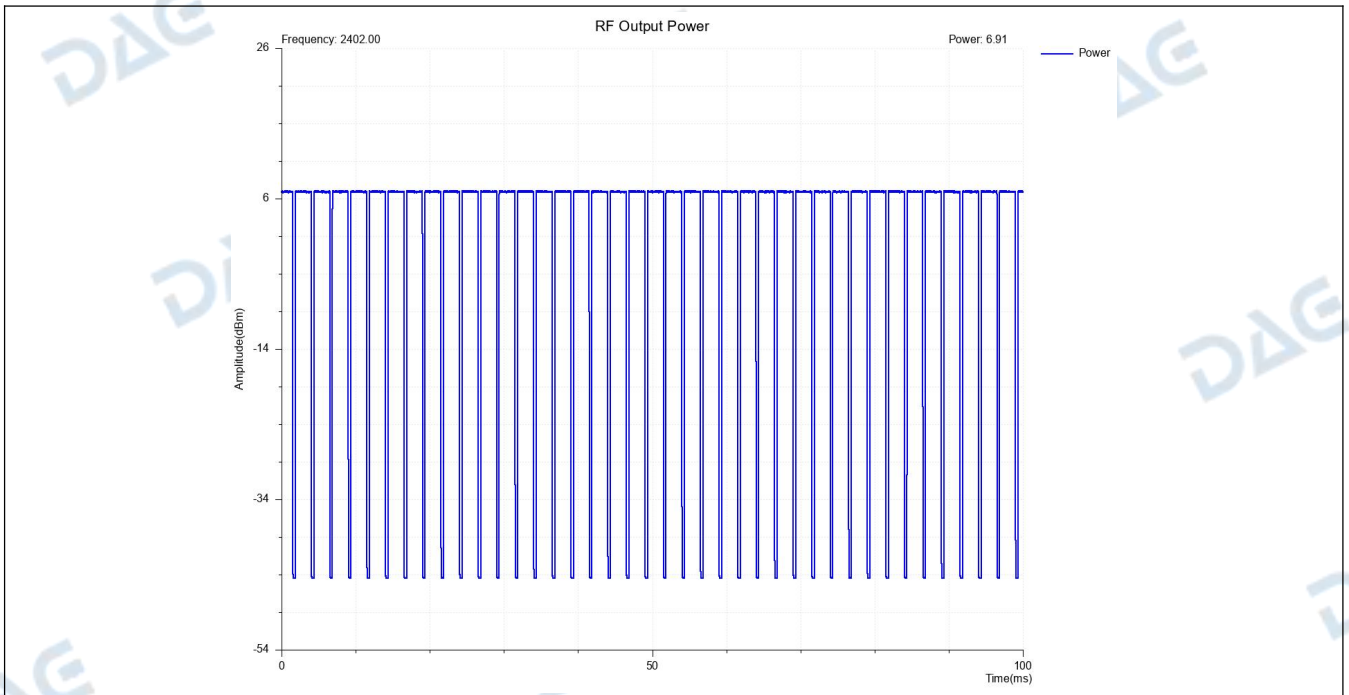
Occupied_Channel_Bandwidth_NVNT_ANT1_2Mbps_2480



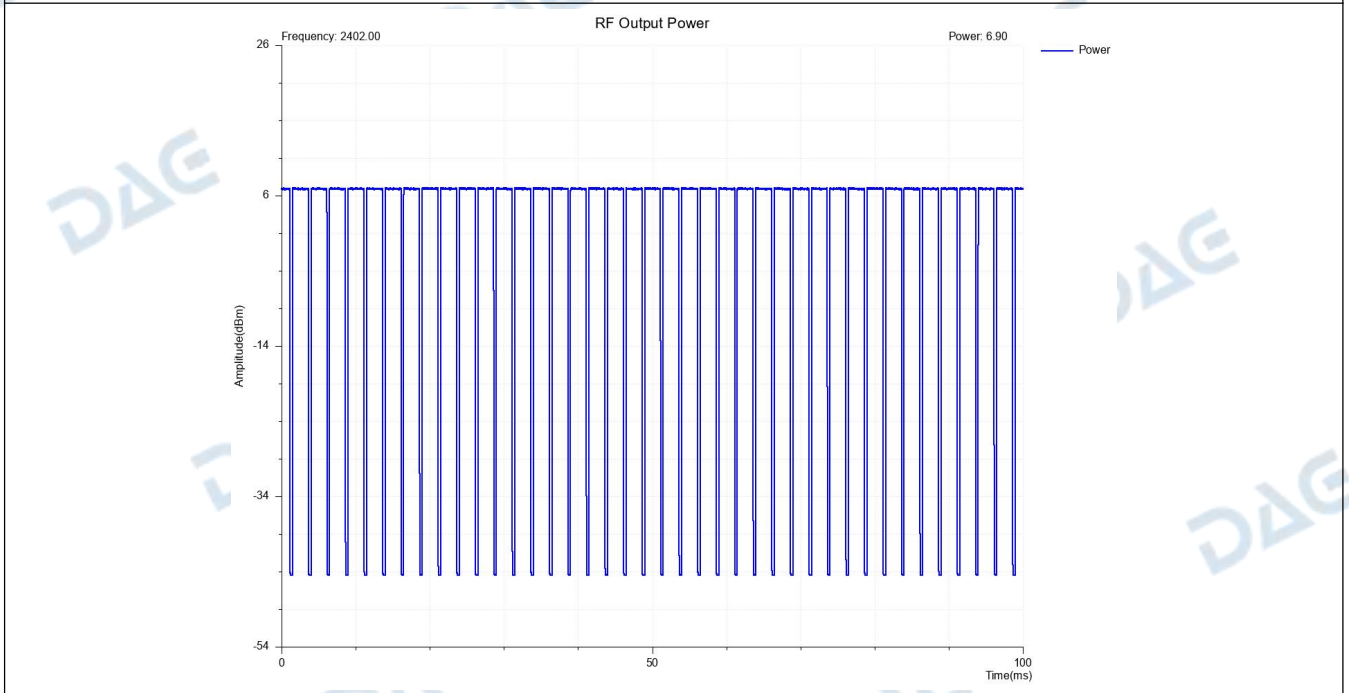
2. RF output power

Condition	Antenna	Rate	Frequency (MHz)	ANT_Gain(dBi)	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	0.00	6.90	41	6.90	20	Pass
NVLT	ANT1	1Mbps	2402.00	0.00	6.91	41	6.91	20	Pass
NVHT	ANT1	1Mbps	2402.00	0.00	6.90	41	6.90	20	Pass
NVNT	ANT1	1Mbps	2440.00	0.00	7.72	41	7.72	20	Pass
NVLT	ANT1	1Mbps	2440.00	0.00	7.71	40	7.71	20	Pass
NVHT	ANT1	1Mbps	2440.00	0.00	7.72	41	7.72	20	Pass
NVNT	ANT1	1Mbps	2480.00	0.00	6.79	41	6.79	20	Pass
NVLT	ANT1	1Mbps	2480.00	0.00	6.80	41	6.80	20	Pass
NVHT	ANT1	1Mbps	2480.00	0.00	6.78	41	6.78	20	Pass
NVNT	ANT1	2Mbps	2402.00	0.00	6.93	54	6.93	20	Pass
NVLT	ANT1	2Mbps	2402.00	0.00	6.93	54	6.93	20	Pass
NVHT	ANT1	2Mbps	2402.00	0.00	6.93	54	6.93	20	Pass
NVNT	ANT1	2Mbps	2440.00	0.00	7.18	54	7.18	20	Pass
NVLT	ANT1	2Mbps	2440.00	0.00	7.17	54	7.17	20	Pass
NVHT	ANT1	2Mbps	2440.00	0.00	7.17	54	7.17	20	Pass
NVNT	ANT1	2Mbps	2480.00	0.00	6.76	54	6.76	20	Pass
NVLT	ANT1	2Mbps	2480.00	0.00	6.75	54	6.75	20	Pass
NVHT	ANT1	2Mbps	2480.00	0.00	6.75	54	6.75	20	Pass

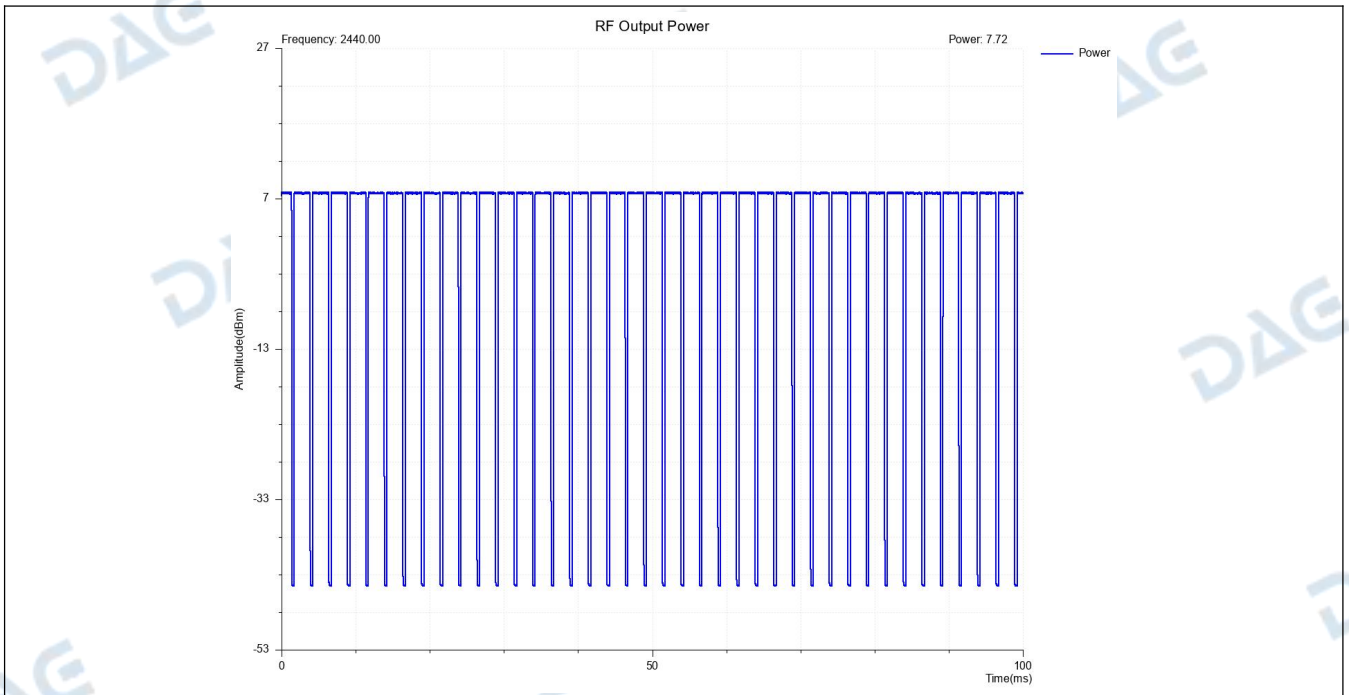




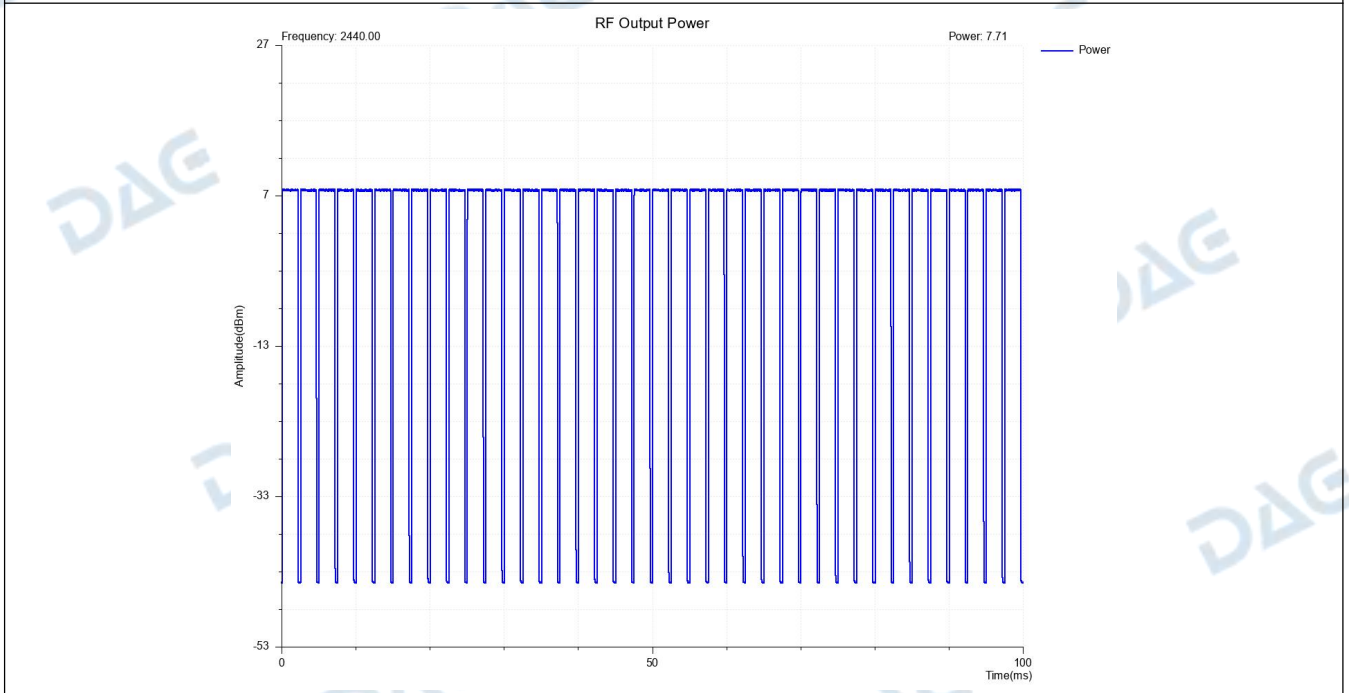
NVHT_ANT1_1Mbps_Power_2402



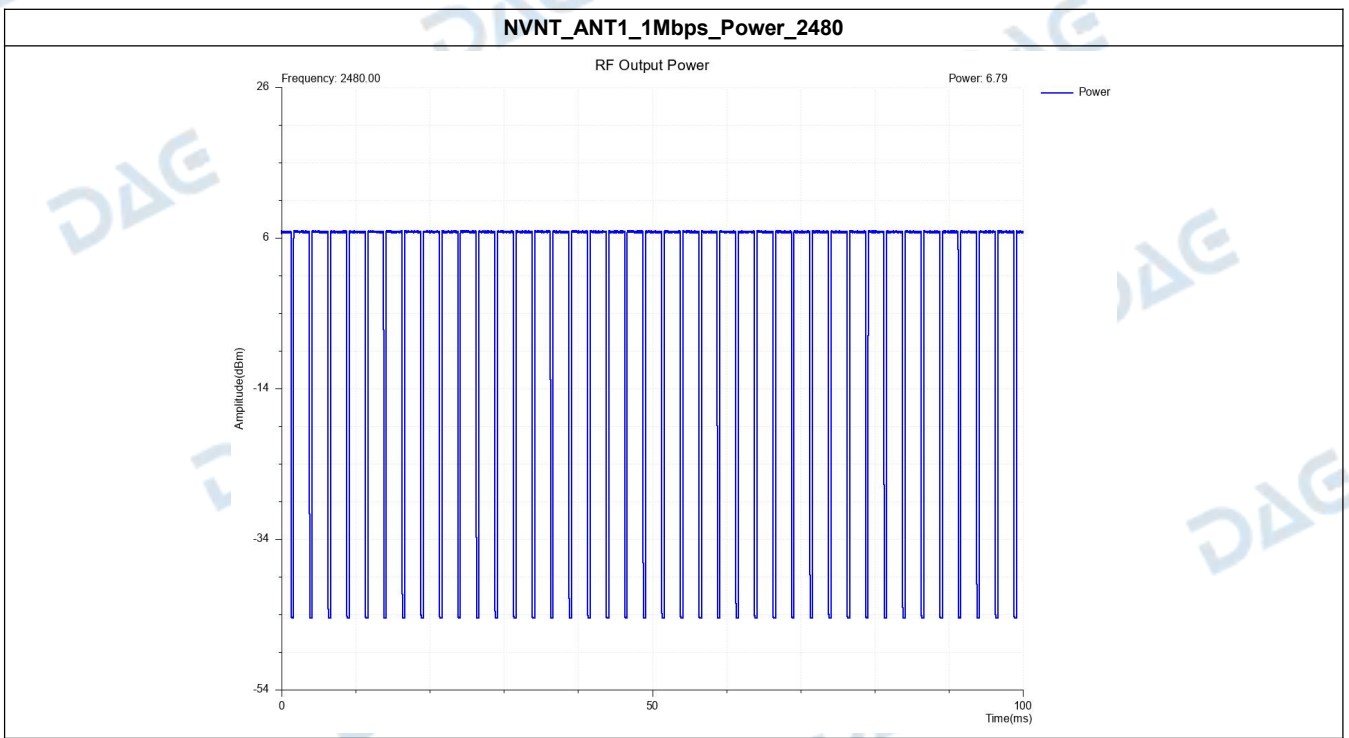
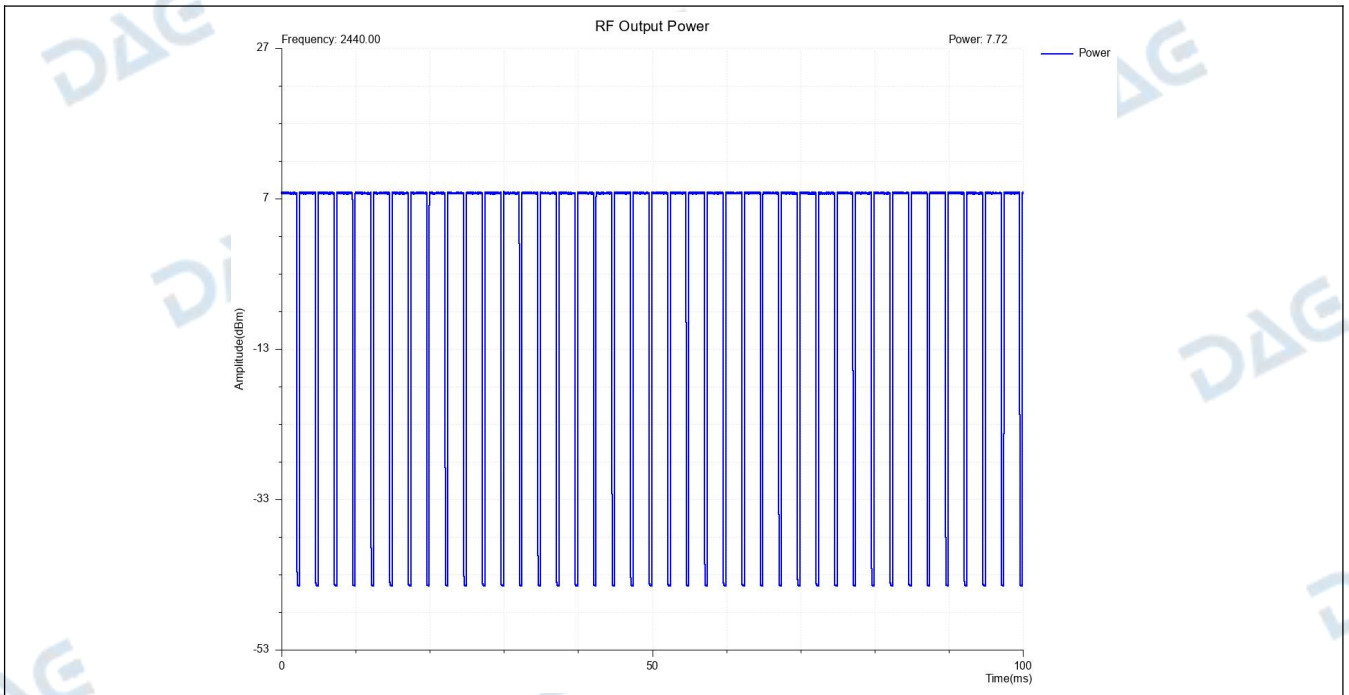
NVNT_ANT1_1Mbps_Power_2440



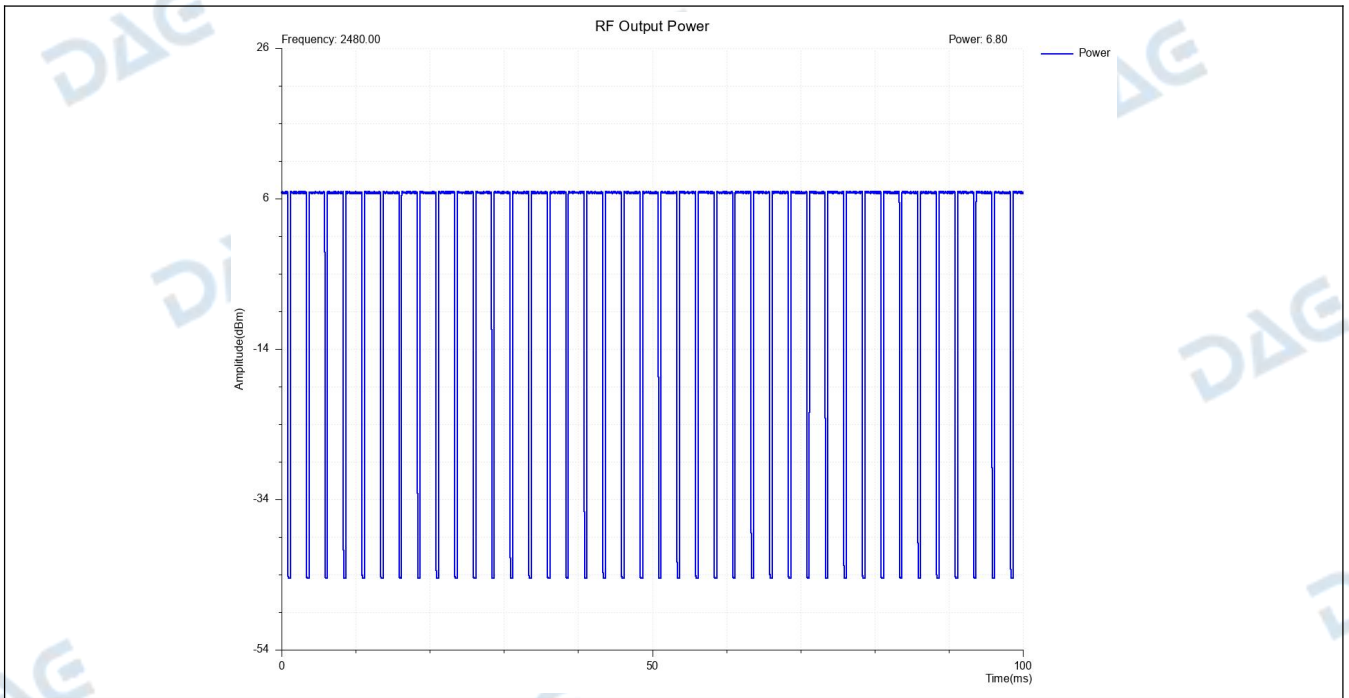
NVLT_ANT1_1Mbps_Power_2440



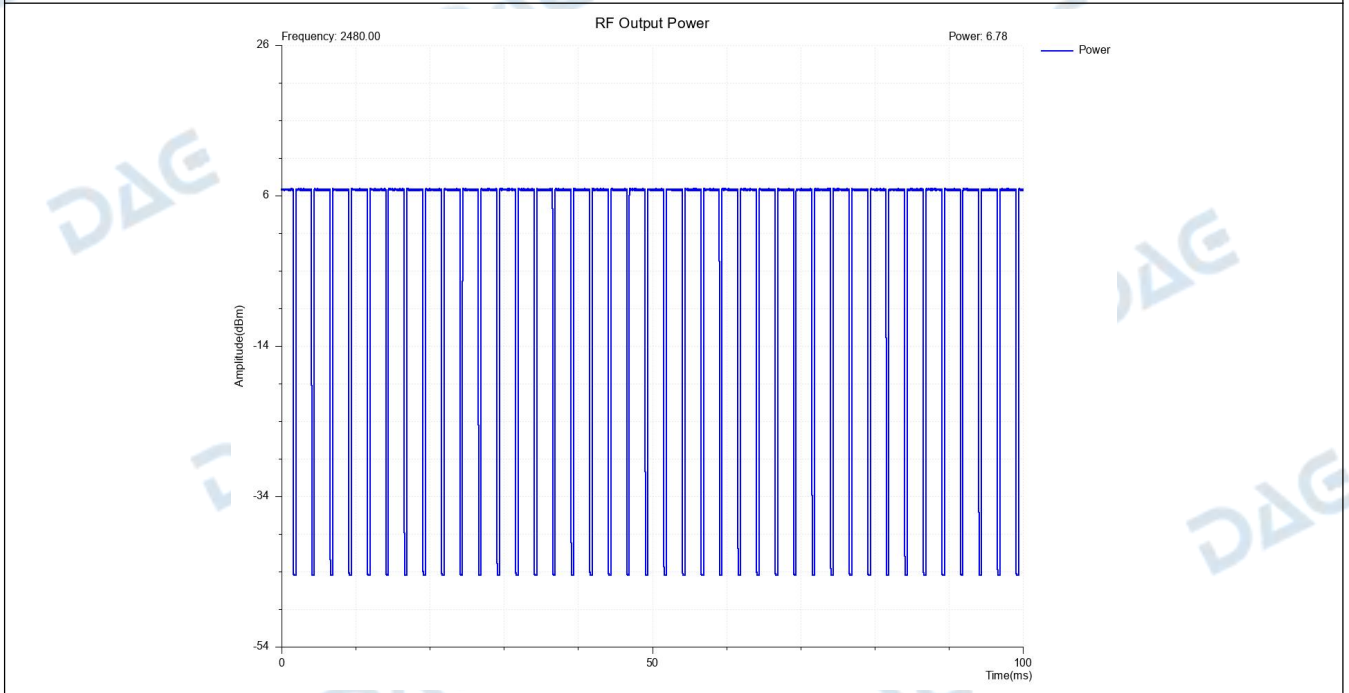
NVHT_ANT1_1Mbps_Power_2440



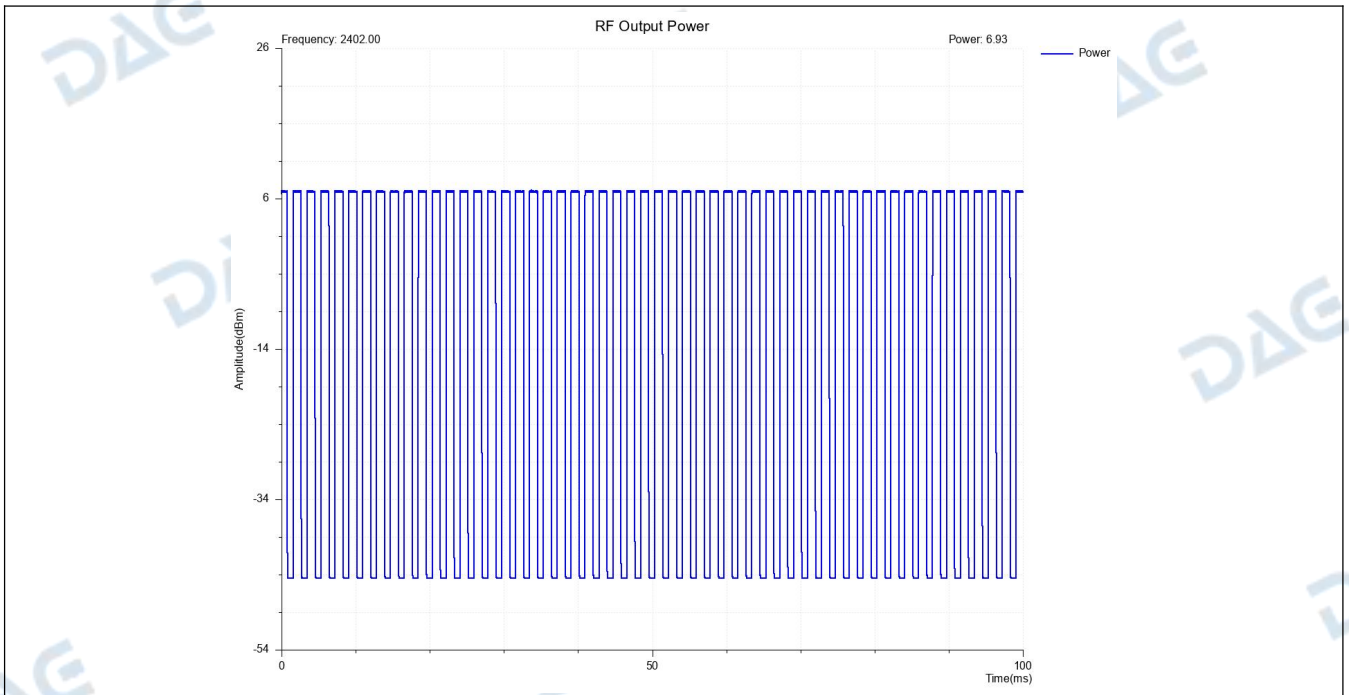
NVLT_ANT1_1Mbps_Power_2480



NVHT_ANT1_1Mbps_Power_2480



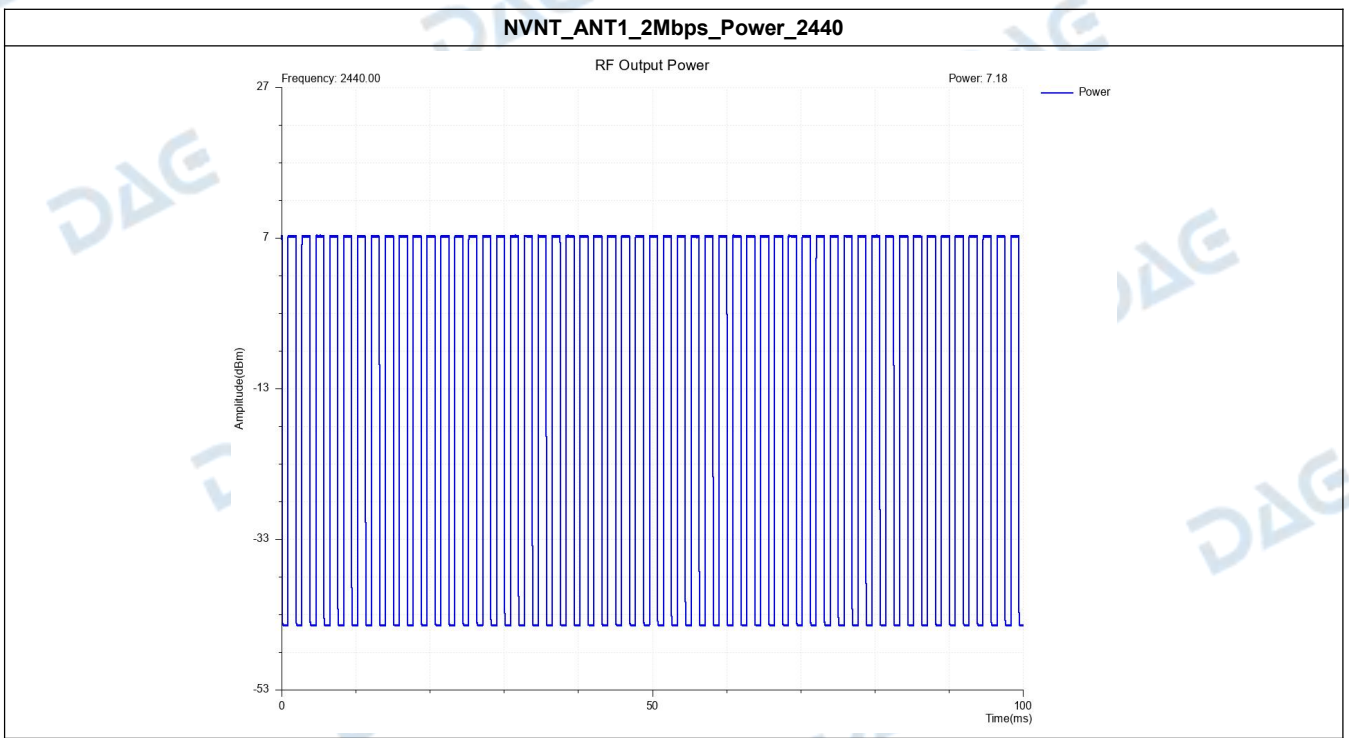
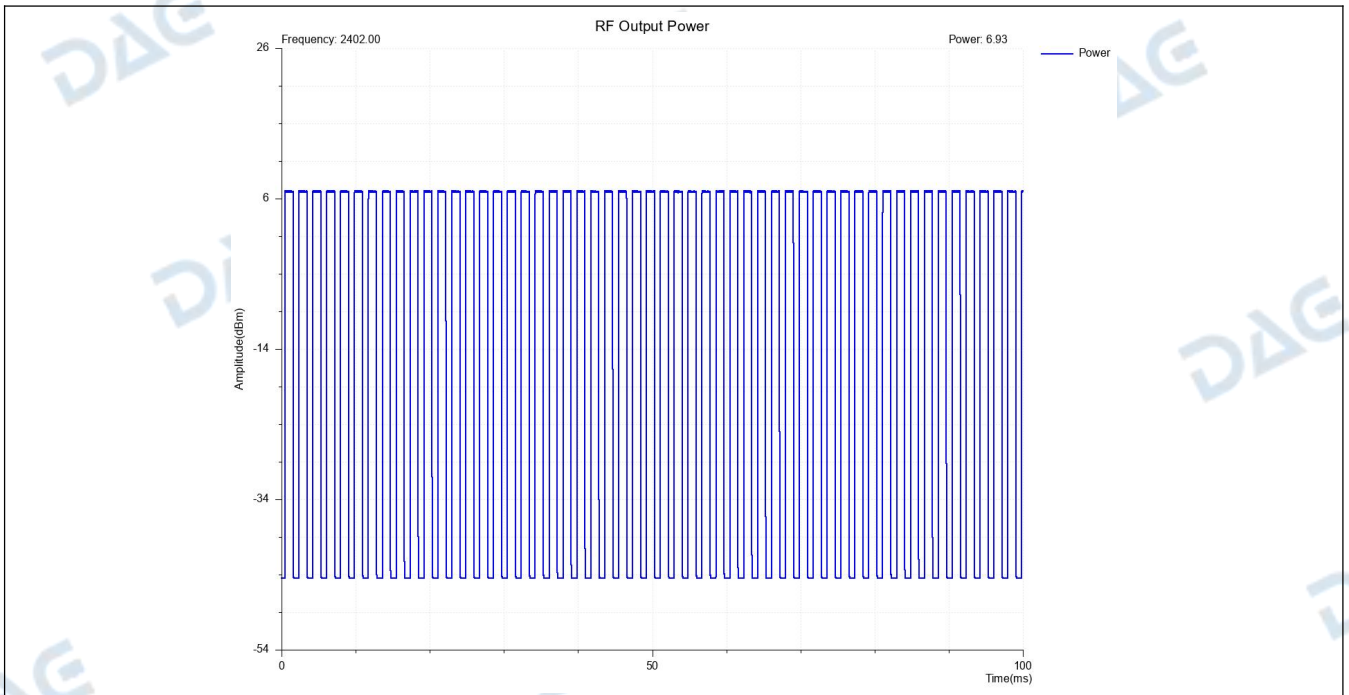
NVHT_ANT1_2Mbps_Power_2402



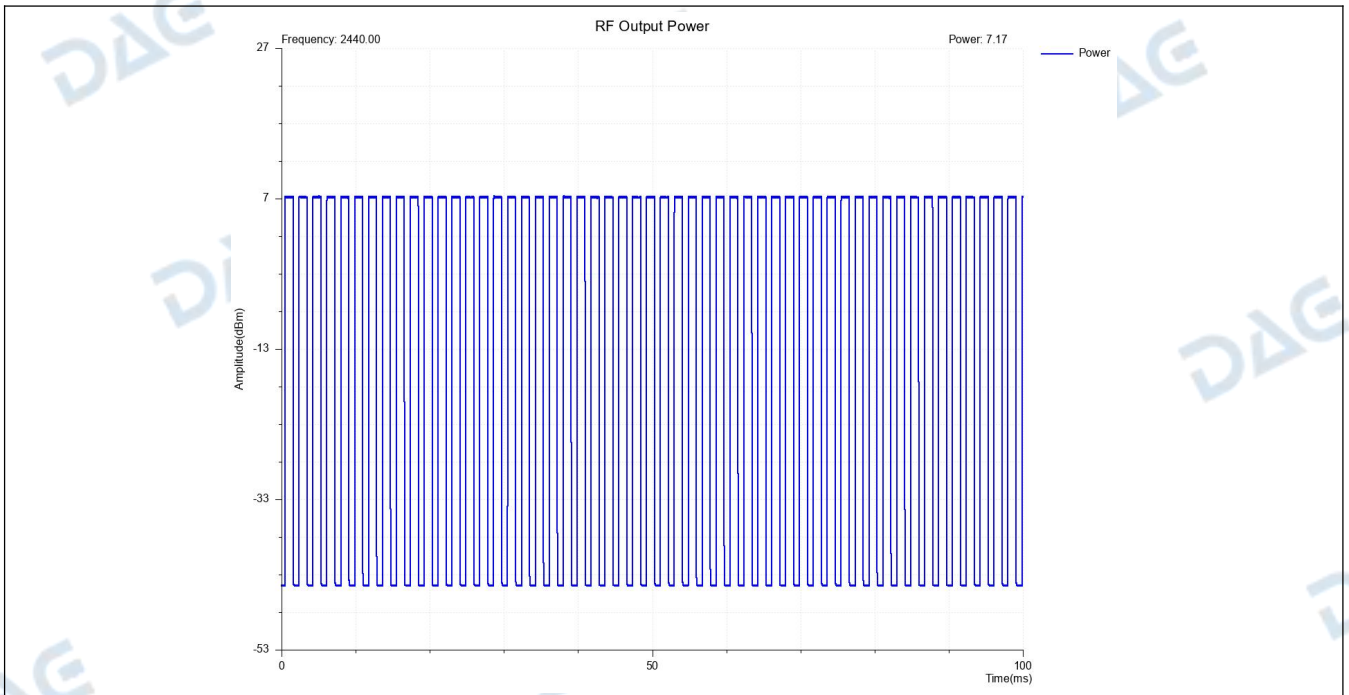
NVLT_ANT1_2Mbps_Power_2402



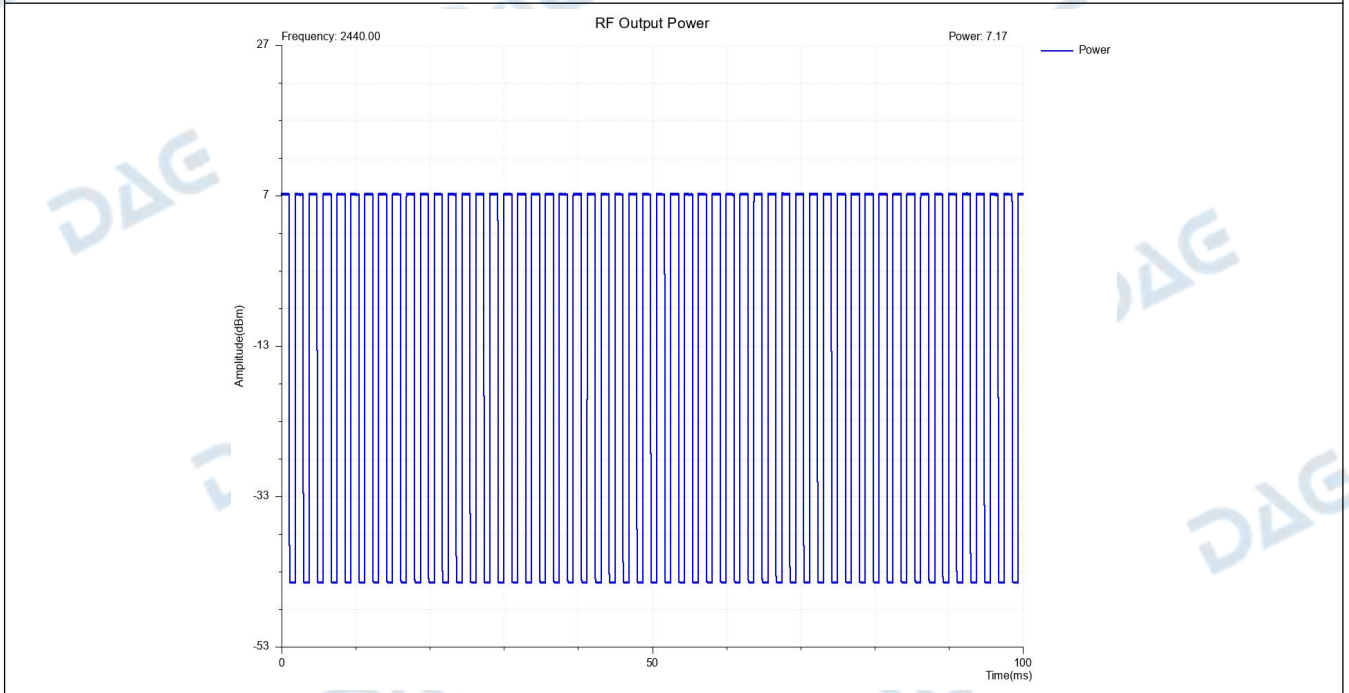
NVHT_ANT1_2Mbps_Power_2402



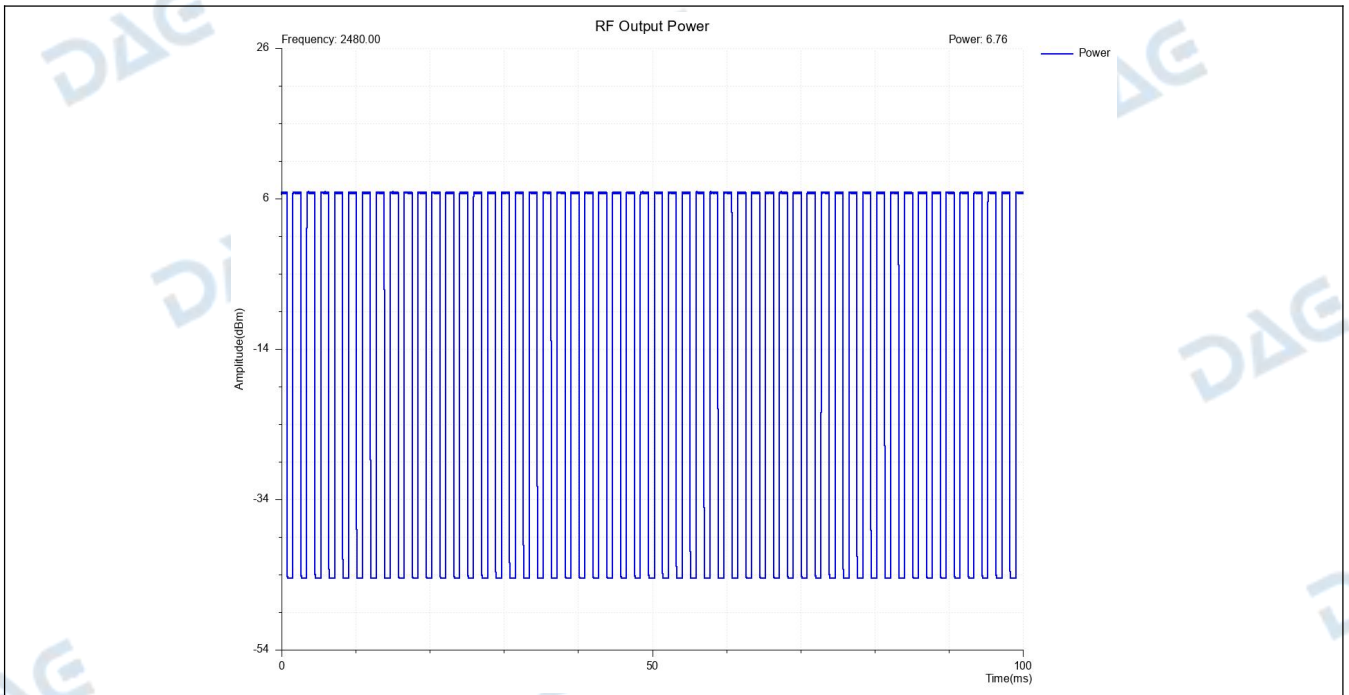
NVLT_ANT1_2Mbps_Power_2440



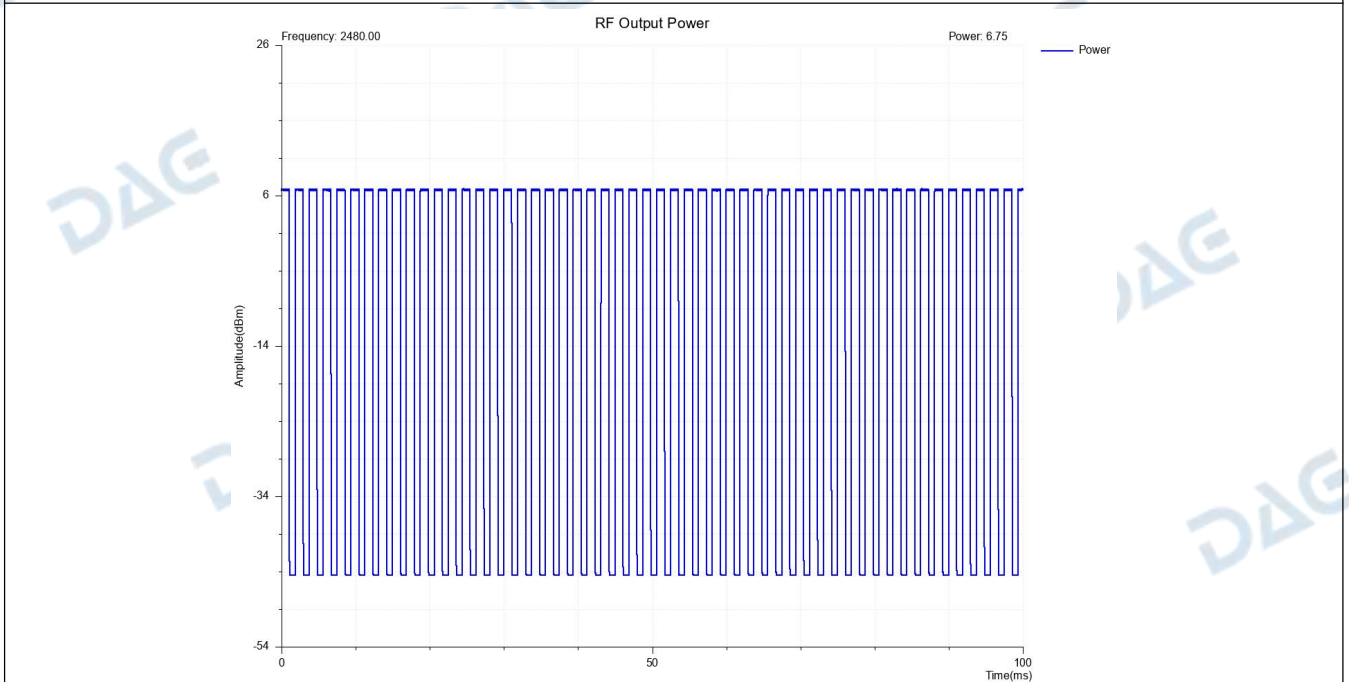
NVHT_ANT1_2Mbps_Power_2440



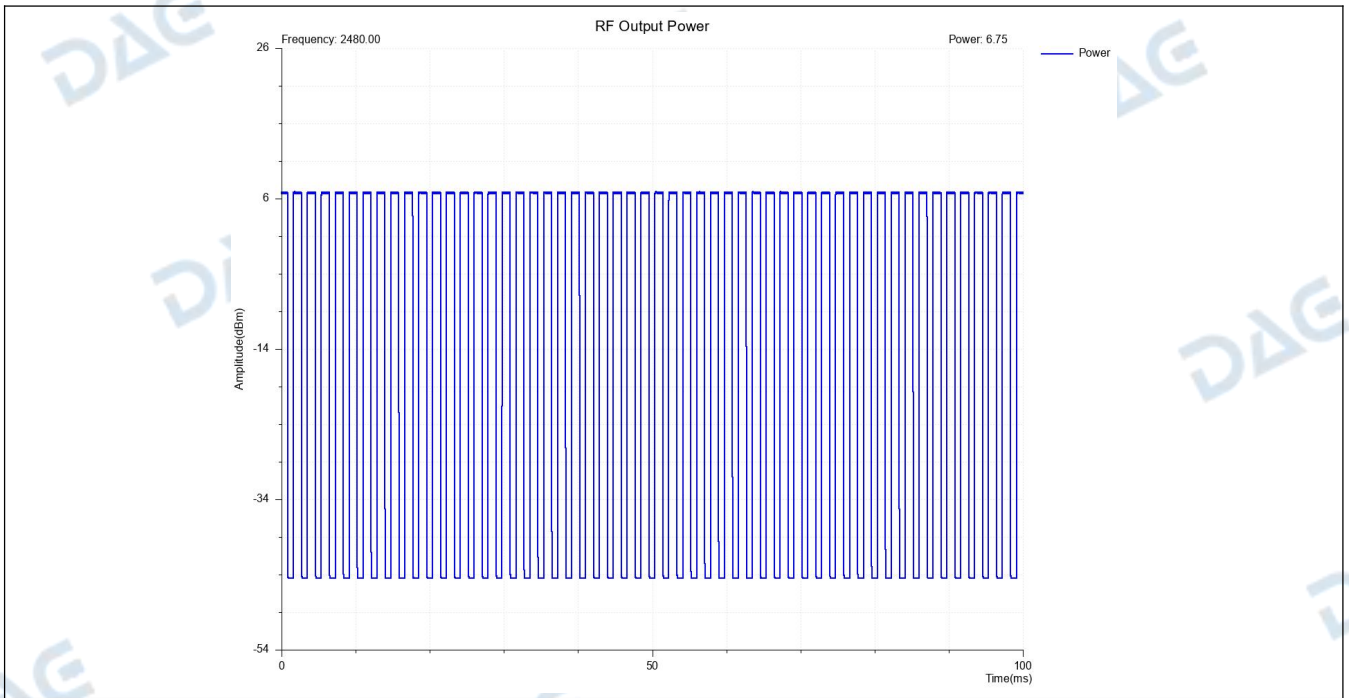
NVNT_ANT1_2Mbps_Power_2480



NVLT_ANT1_2Mbps_Power_2480

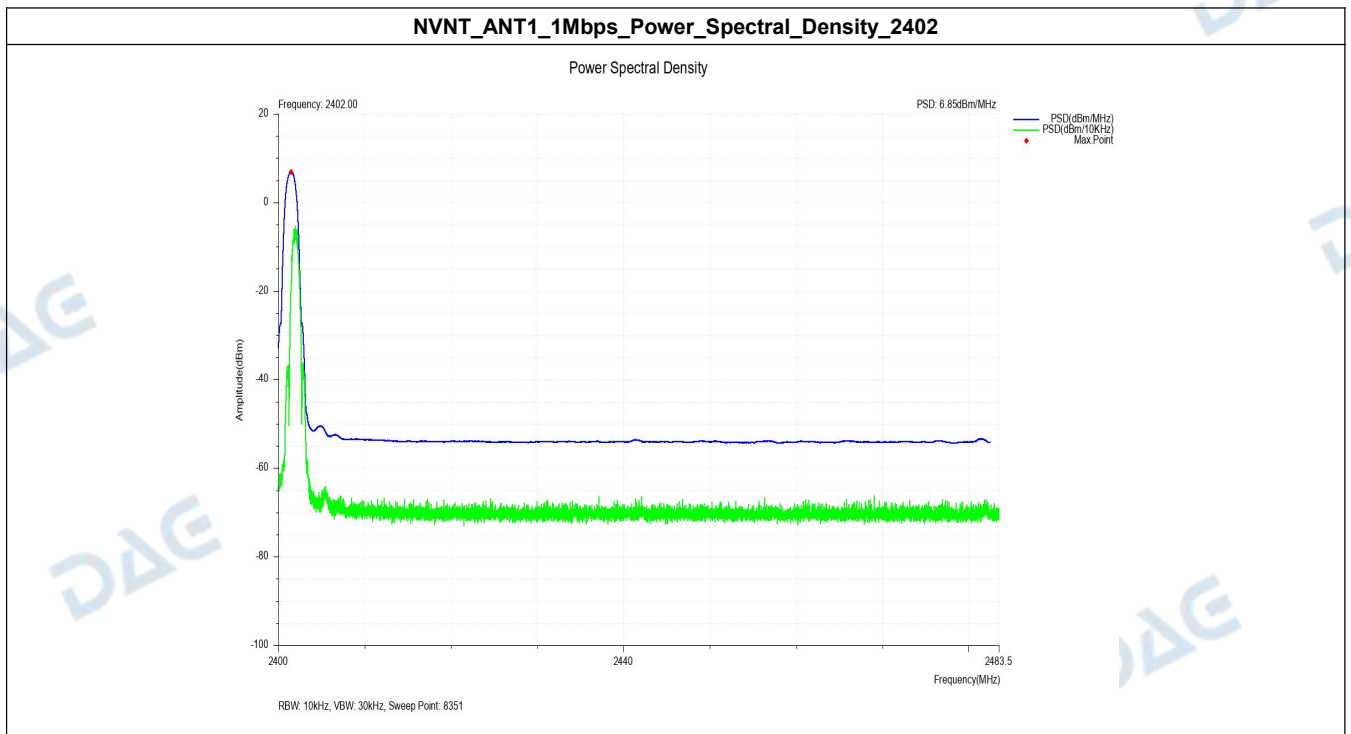


NVHT_ANT1_2Mbps_Power_2480

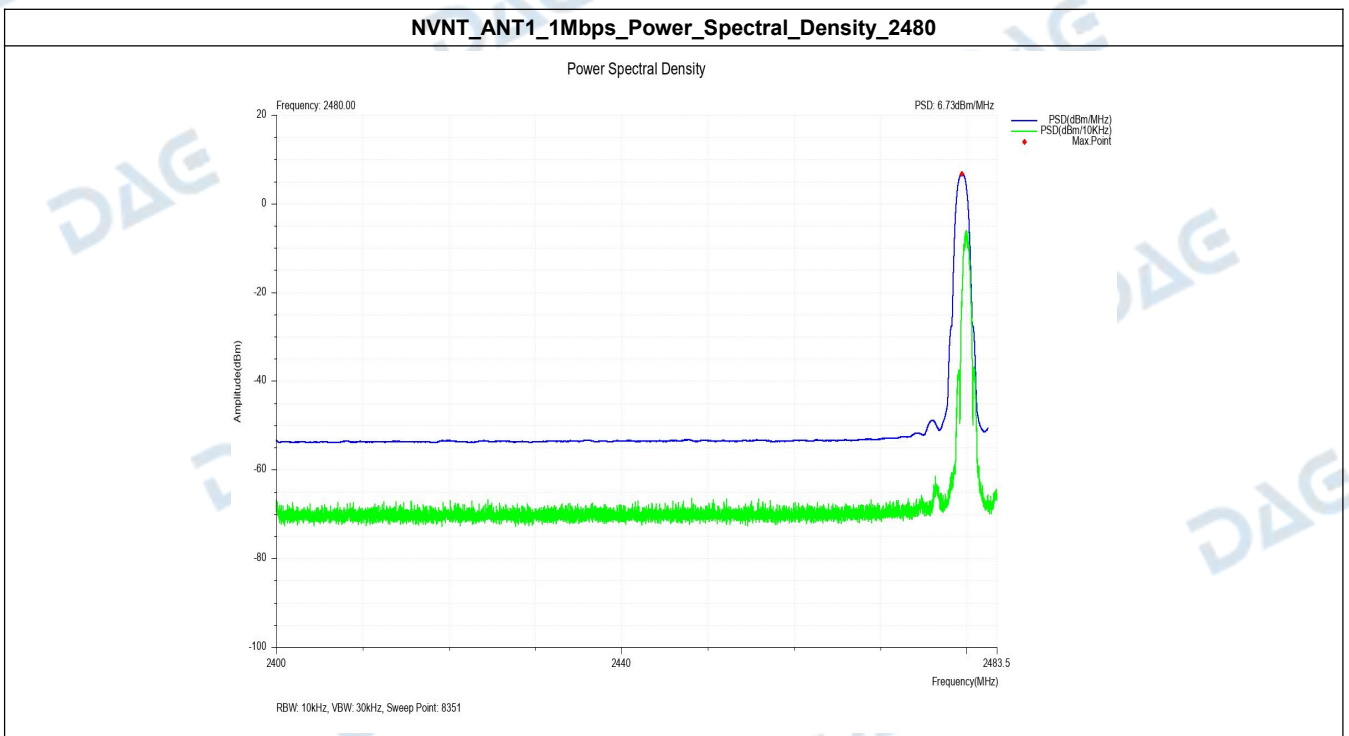
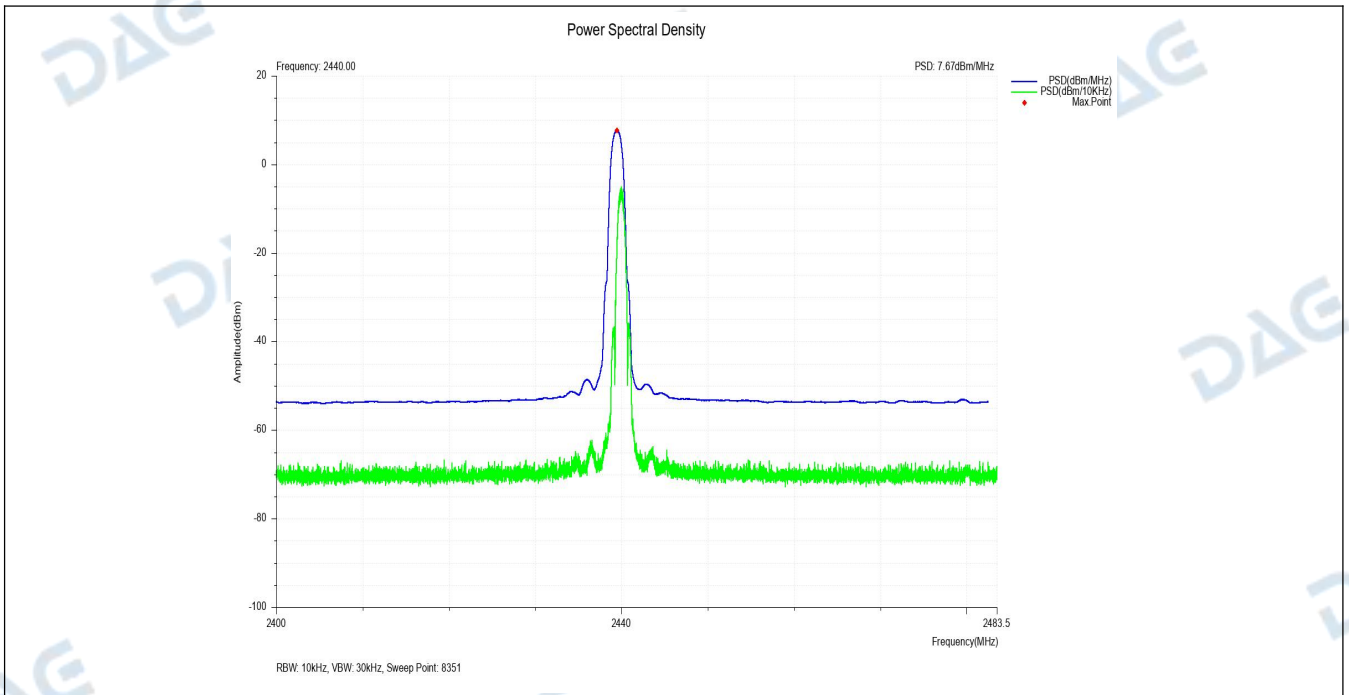


3. Power Spectral Density

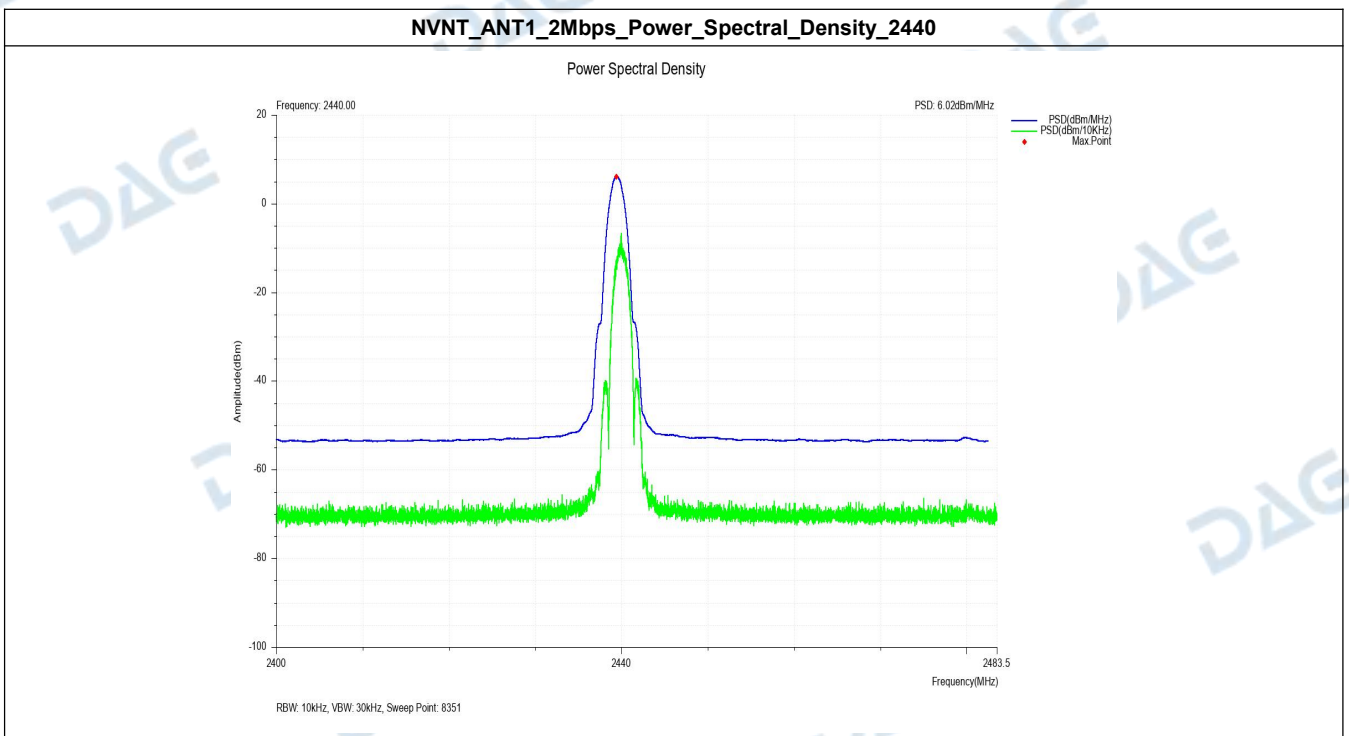
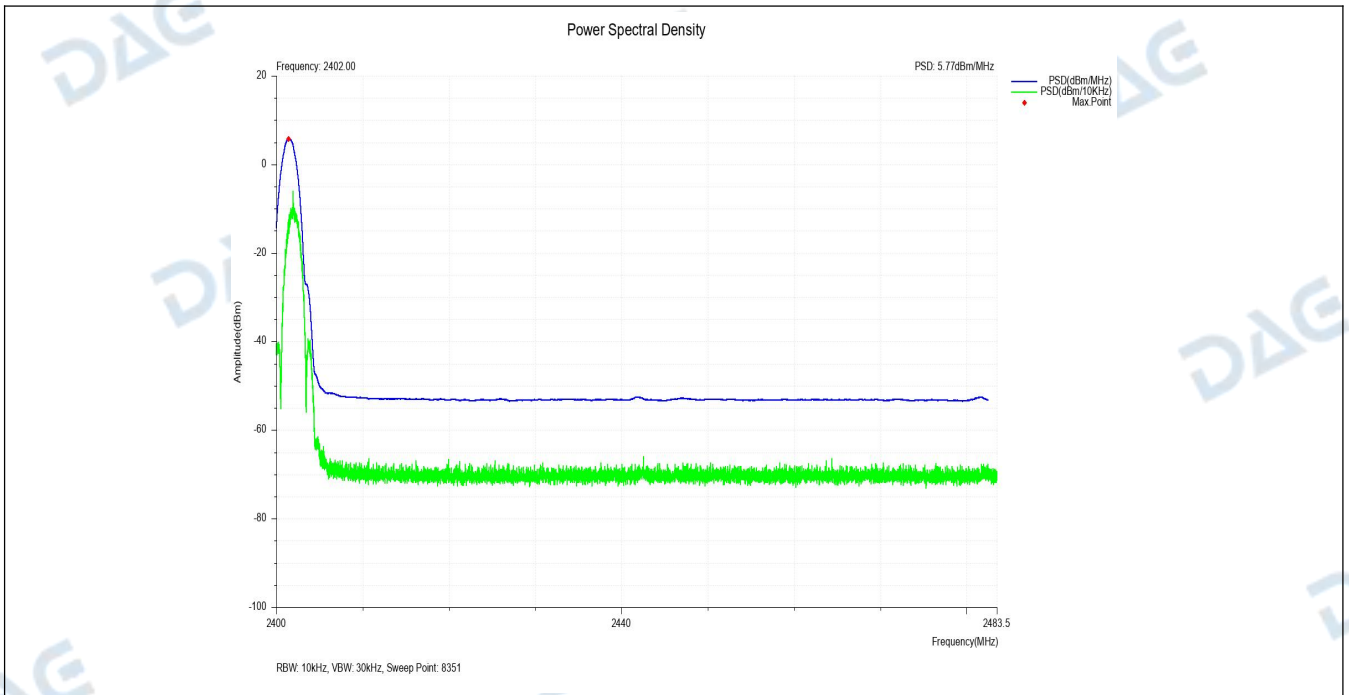
Condition	Antenna	Mode	Frequency (MHz)	Max PSD(dBm/MHz)	Limit(dBm/MHz)	Result
NVNT	ANT1	1Mbps	2402.00	6.85	10	Pass
NVNT	ANT1	1Mbps	2440.00	7.67	10	Pass
NVNT	ANT1	1Mbps	2480.00	6.73	10	Pass
NVNT	ANT1	2Mbps	2402.00	5.77	10	Pass
NVNT	ANT1	2Mbps	2440.00	6.02	10	Pass
NVNT	ANT1	2Mbps	2480.00	5.59	10	Pass



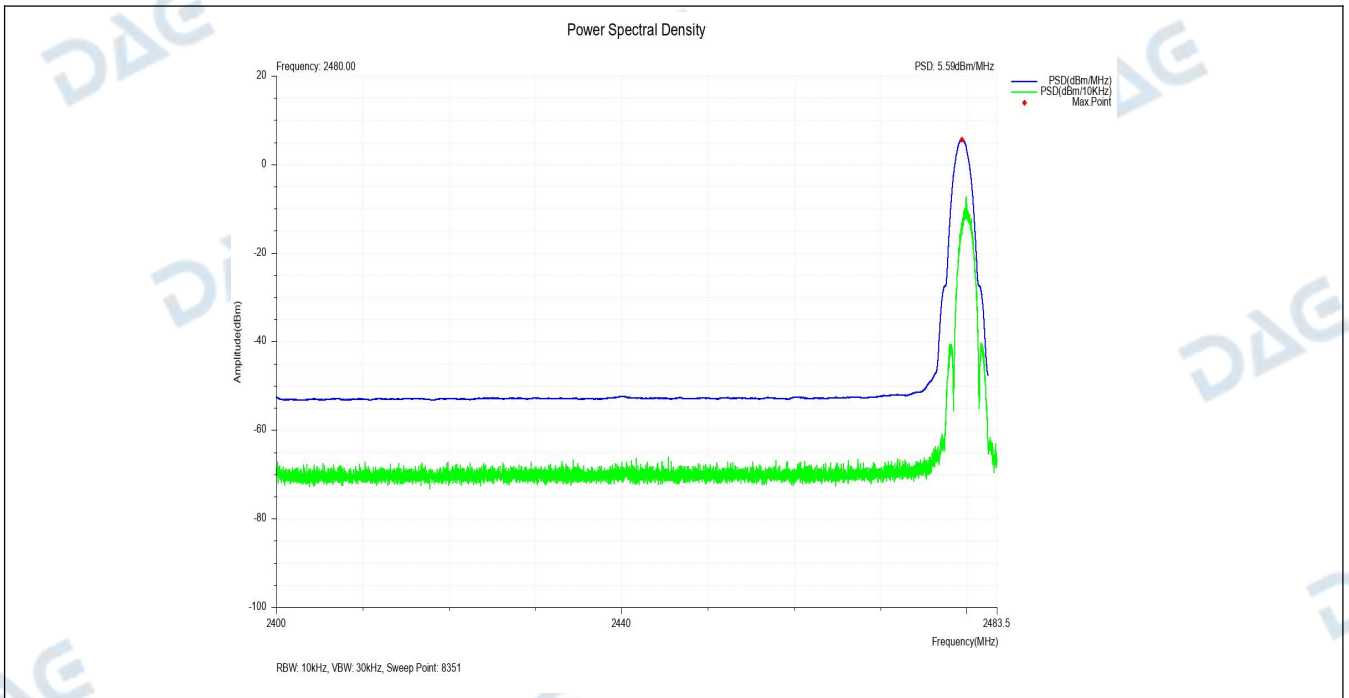
NVNT_ANT1_1Mbps_Power_Spectral_Density_2440



NVNT_ANT1_2Mbps_Power_Spectral_Density_2402

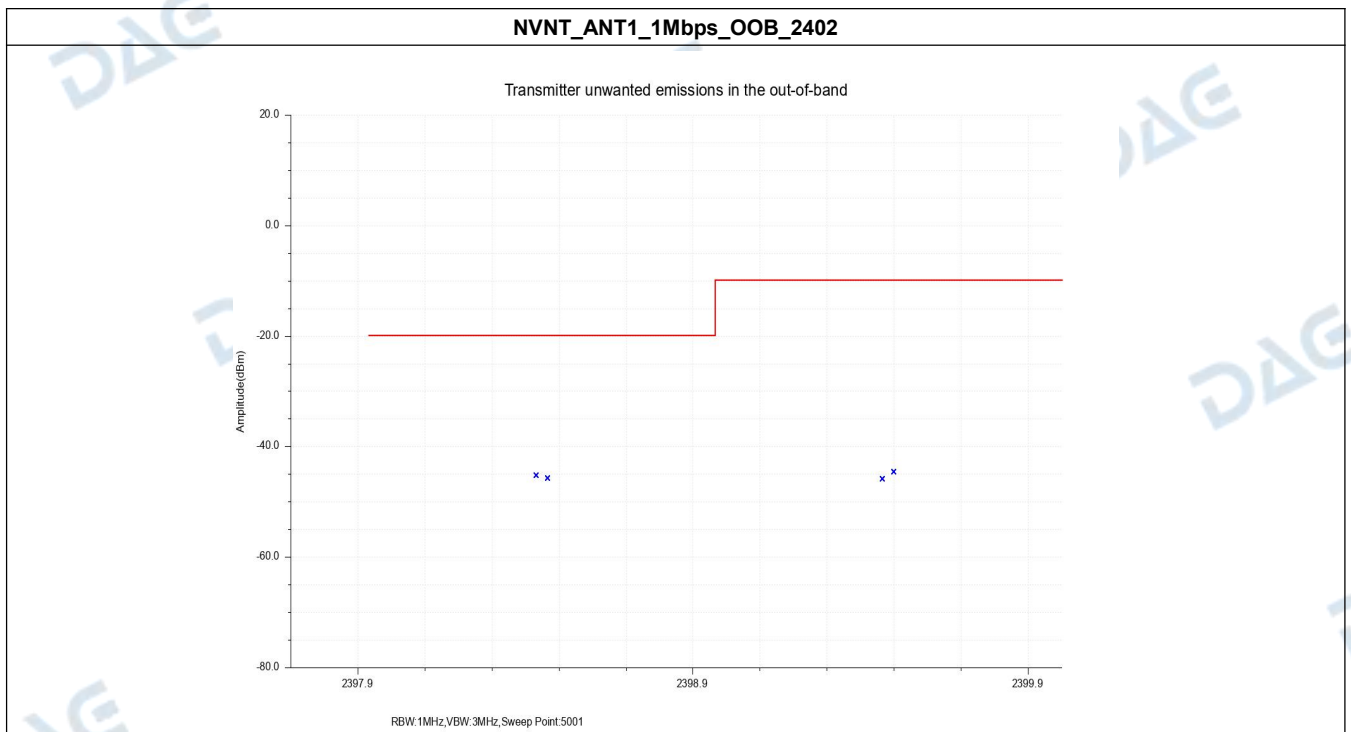


NVNT_ANT1_2Mbps_Power_Spectral_Density_2480

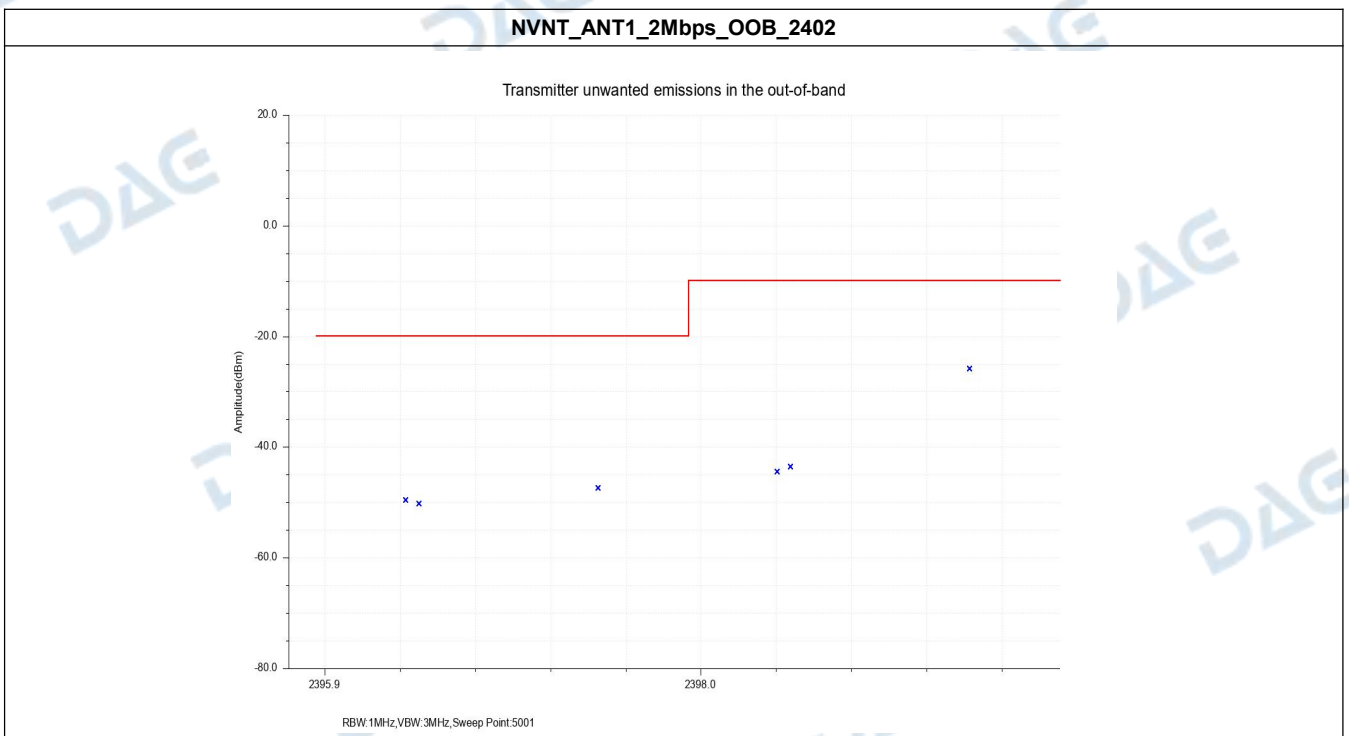
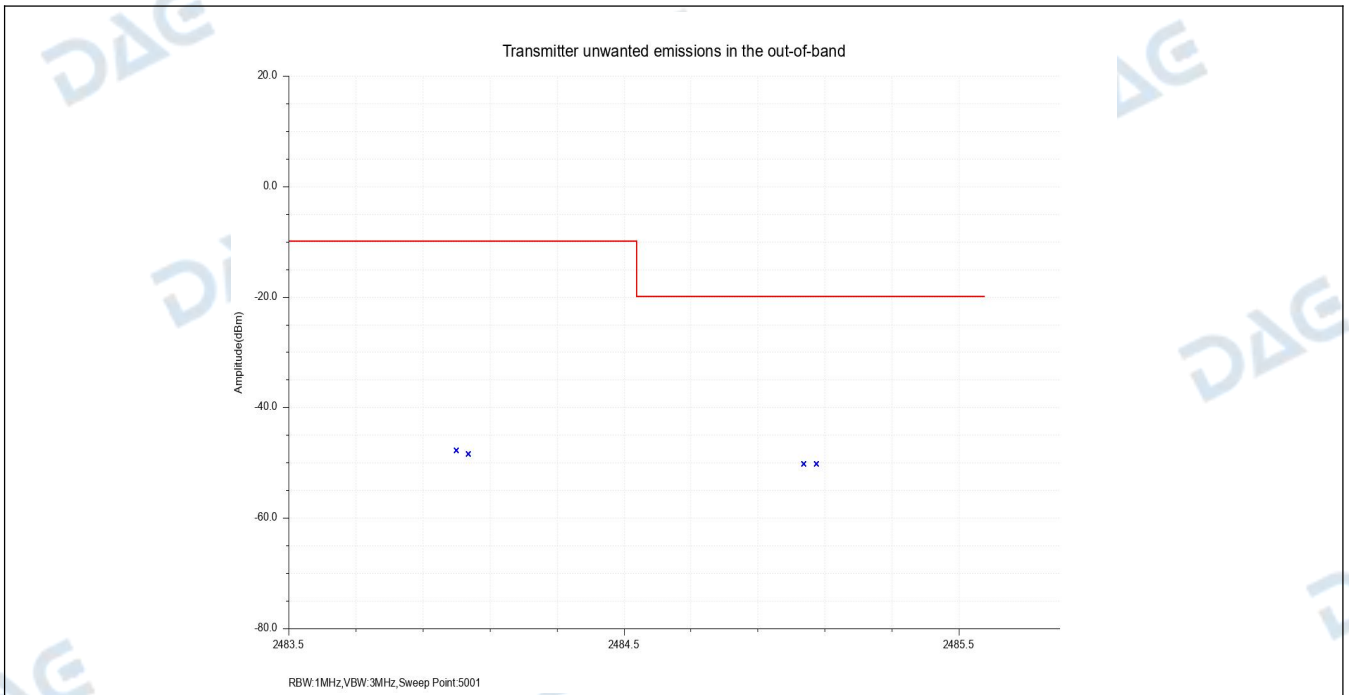


4. OOB

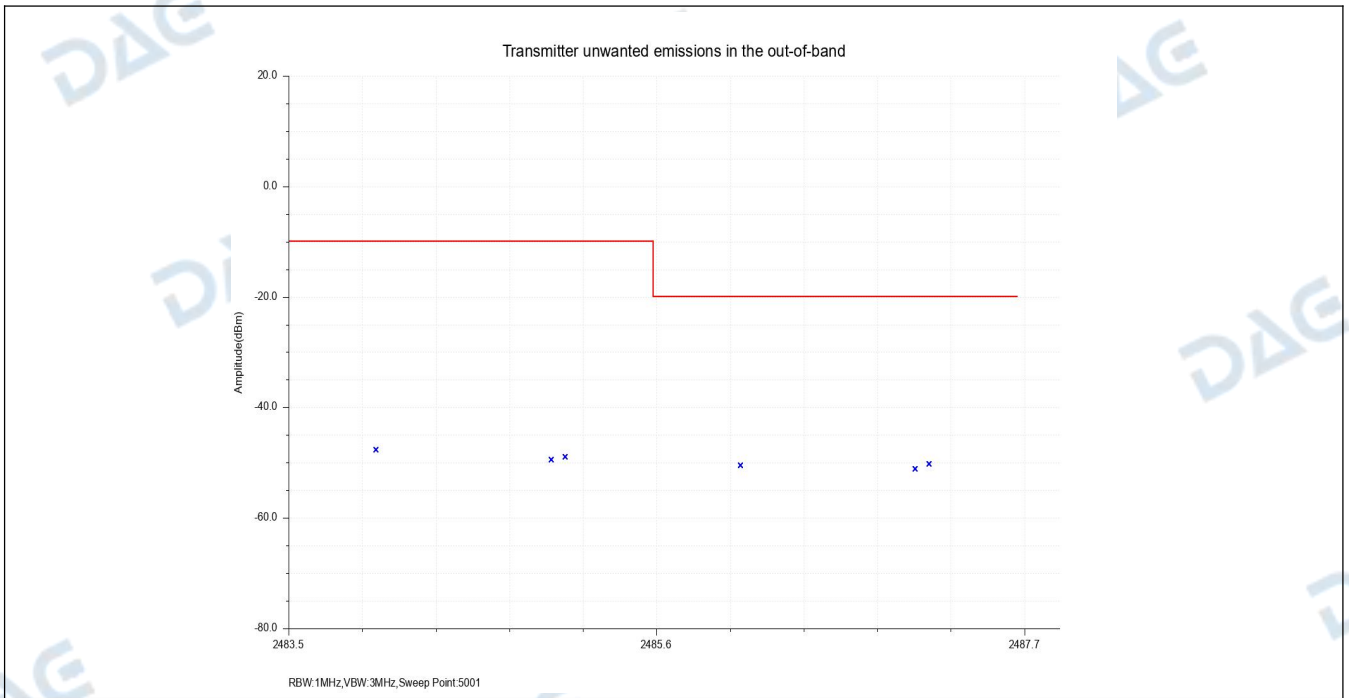
Condition	Antenna	Modulation	Frequency(MHz)	OOB Frequency(MHz)	Level(dBM/MHz)	Limit(MHz)	Result
NVNT	ANT1	1Mbps	2402.00	2399.50	-44.59	-10	Pass
NVNT	ANT1	1Mbps	2402.00	2399.47	-45.81	-10	Pass
NVNT	ANT1	1Mbps	2402.00	2398.47	-45.67	-20	Pass
NVNT	ANT1	1Mbps	2402.00	2398.43	-45.22	-20	Pass
NVNT	ANT1	1Mbps	2480.00	2484.00	-47.84	-10	Pass
NVNT	ANT1	1Mbps	2480.00	2484.04	-48.37	-10	Pass
NVNT	ANT1	1Mbps	2480.00	2485.04	-50.17	-20	Pass
NVNT	ANT1	1Mbps	2480.00	2485.07	-50.26	-20	Pass
NVNT	ANT1	2Mbps	2402.00	2399.50	-25.87	-10	Pass
NVNT	ANT1	2Mbps	2402.00	2398.50	-43.51	-10	Pass
NVNT	ANT1	2Mbps	2402.00	2398.43	-44.47	-10	Pass
NVNT	ANT1	2Mbps	2402.00	2397.43	-47.40	-20	Pass
NVNT	ANT1	2Mbps	2402.00	2396.43	-50.26	-20	Pass
NVNT	ANT1	2Mbps	2402.00	2396.35	-49.62	-20	Pass
NVNT	ANT1	2Mbps	2480.00	2484.00	-47.66	-10	Pass
NVNT	ANT1	2Mbps	2480.00	2485.00	-49.51	-10	Pass
NVNT	ANT1	2Mbps	2480.00	2485.08	-49.00	-10	Pass
NVNT	ANT1	2Mbps	2480.00	2486.08	-50.46	-20	Pass
NVNT	ANT1	2Mbps	2480.00	2487.08	-51.10	-20	Pass
NVNT	ANT1	2Mbps	2480.00	2487.16	-50.17	-20	Pass



NVNT_ANT1_1Mbps_OOB_2480



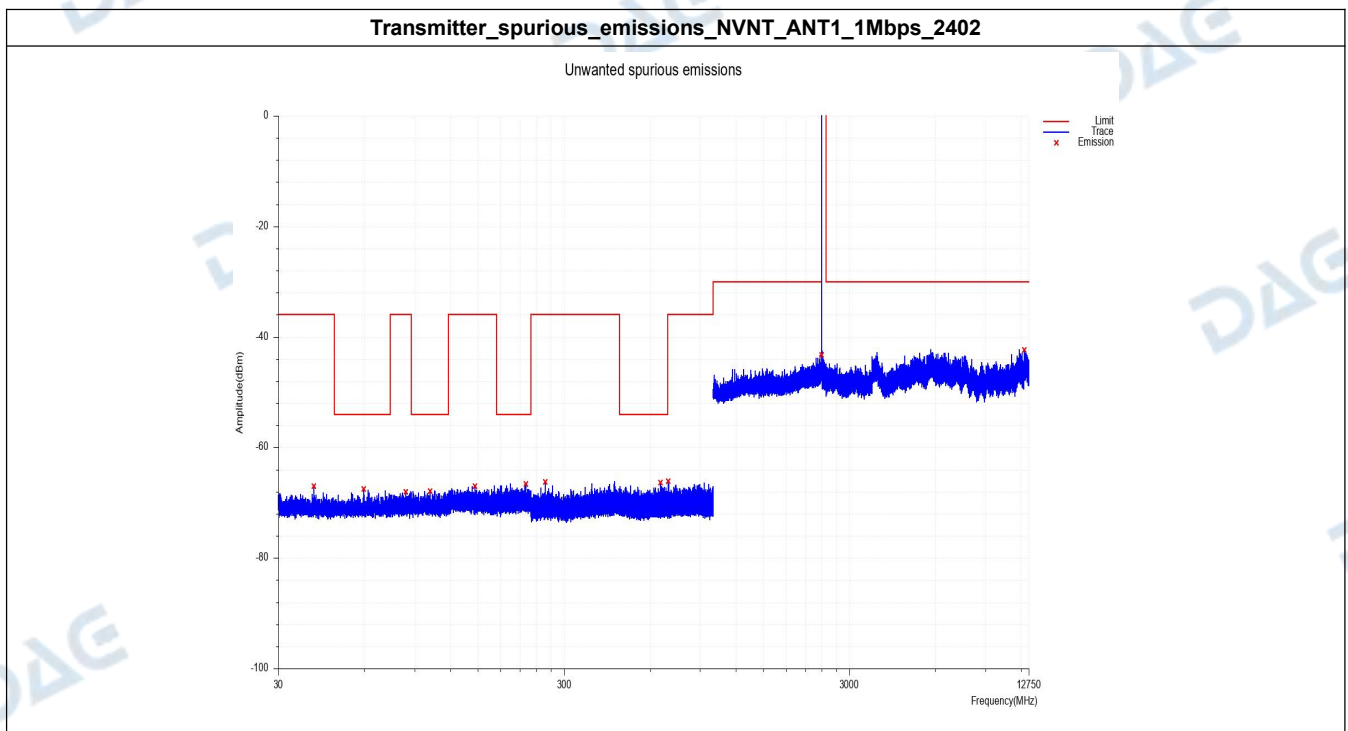
NVNT_ANT1_2Mbps_OOB_2480



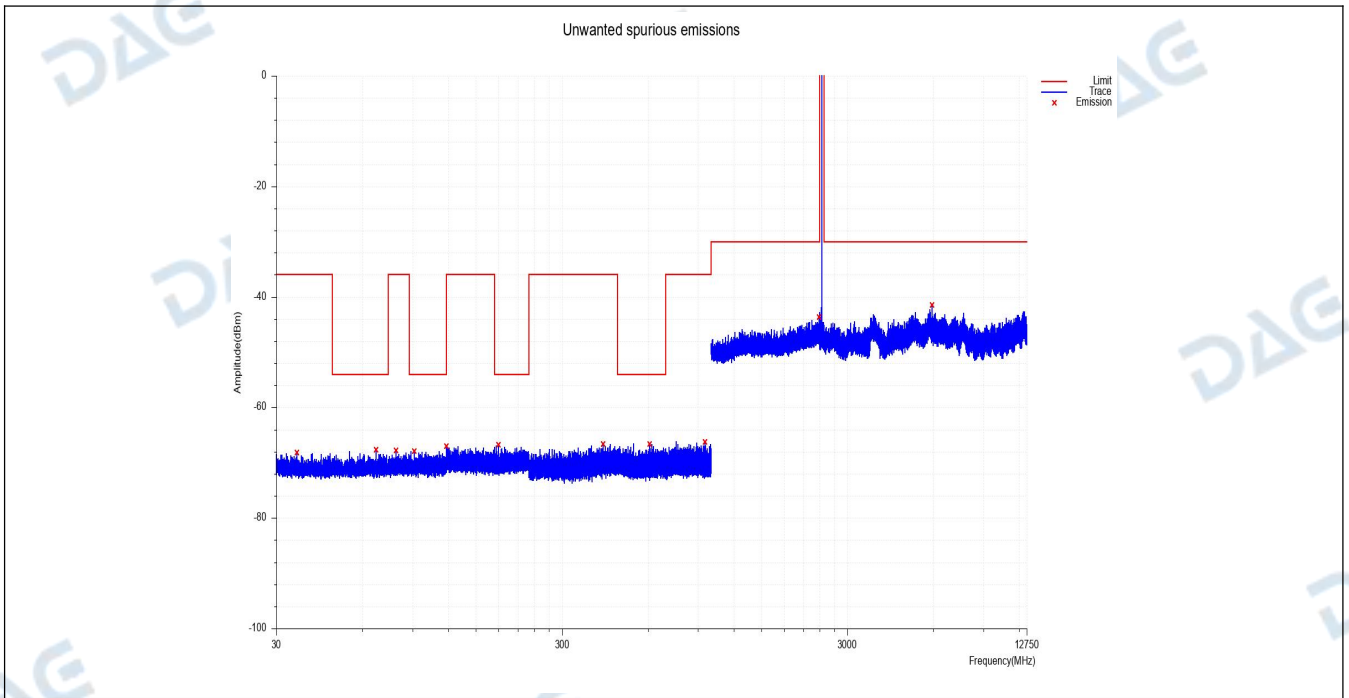
5. Transmitter spurious emissions

Condition	Antenna	Rate	Frequency (MHz)	Range	Spur Freq(MHz)	Spur Freq Peak(dBm)	Spur Level RMS(dBm)	Limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	30.00~47.00	39.87	-67.00	N/A	-36	Pass
NVNT	ANT1	1Mbps	2402.00	47.00~74.00	59.76	-67.58	N/A	-54	Pass
NVNT	ANT1	1Mbps	2402.00	74.00~87.50	83.67	-68.04	N/A	-36	Pass
NVNT	ANT1	1Mbps	2402.00	87.50~118.00	101.85	-67.86	N/A	-54	Pass
NVNT	ANT1	1Mbps	2402.00	118.00~174.00	146.49	-67.01	N/A	-36	Pass
NVNT	ANT1	1Mbps	2402.00	174.00~230.00	220.93	-66.64	N/A	-54	Pass
NVNT	ANT1	1Mbps	2402.00	230.00~470.00	257.73	-66.23	N/A	-36	Pass
NVNT	ANT1	1Mbps	2402.00	470.00~694.00	652.83	-66.33	N/A	-54	Pass
NVNT	ANT1	1Mbps	2402.00	694.00~1000.00	697.72	-66.05	N/A	-36	Pass
NVNT	ANT1	1Mbps	2402.00	1000.00~2397.93	2397.28	-43.32	N/A	-30	Pass
NVNT	ANT1	1Mbps	2402.00	2397.93~2485.56	2401.75	7.07	/	/	/
NVNT	ANT1	1Mbps	2402.00	2485.56~12750.00	12317.18	-42.34	N/A	-30	Pass
NVNT	ANT1	1Mbps	2440.00	30.00~47.00	35.41	-68.21	N/A	-36	Pass
NVNT	ANT1	1Mbps	2440.00	47.00~74.00	66.93	-67.64	N/A	-54	Pass
NVNT	ANT1	1Mbps	2440.00	74.00~87.50	78.82	-67.76	N/A	-36	Pass
NVNT	ANT1	1Mbps	2440.00	87.50~118.00	91.31	-67.92	N/A	-54	Pass
NVNT	ANT1	1Mbps	2440.00	118.00~174.00	118.23	-66.95	N/A	-36	Pass
NVNT	ANT1	1Mbps	2440.00	174.00~230.00	180.05	-66.81	N/A	-54	Pass
NVNT	ANT1	1Mbps	2440.00	230.00~470.00	417.49	-66.62	N/A	-36	Pass
NVNT	ANT1	1Mbps	2440.00	470.00~694.00	608.11	-66.59	N/A	-54	Pass
NVNT	ANT1	1Mbps	2440.00	694.00~1000.00	952.98	-66.24	N/A	-36	Pass
NVNT	ANT1	1Mbps	2440.00	1000.00~2397.92	2390.98	-43.62	N/A	-30	Pass
NVNT	ANT1	1Mbps	2440.00	2397.92~2485.57	2439.74	7.52	/	/	/
NVNT	ANT1	1Mbps	2440.00	2485.57~12750.00	5942.29	-41.51	N/A	-30	Pass
NVNT	ANT1	1Mbps	2480.00	30.00~47.00	30.10	-67.79	N/A	-36	Pass
NVNT	ANT1	1Mbps	2480.00	47.00~74.00	48.08	-66.16	N/A	-54	Pass
NVNT	ANT1	1Mbps	2480.00	74.00~87.50	83.53	-67.57	N/A	-36	Pass
NVNT	ANT1	1Mbps	2480.00	87.50~118.00	115.83	-67.34	N/A	-54	Pass
NVNT	ANT1	1Mbps	2480.00	118.00~174.00	132.28	-66.75	N/A	-36	Pass
NVNT	ANT1	1Mbps	2480.00	174.00~230.00	203.17	-66.66	N/A	-54	Pass
NVNT	ANT1	1Mbps	2480.00	230.00~470.00	379.25	-66.70	N/A	-36	Pass
NVNT	ANT1	1Mbps	2480.00	470.00~694.00	641.34	-66.77	N/A	-54	Pass
NVNT	ANT1	1Mbps	2480.00	694.00~1000.00	879.51	-66.41	N/A	-36	Pass
NVNT	ANT1	1Mbps	2480.00	1000.00~2397.92	2326.77	-44.19	N/A	-30	Pass
NVNT	ANT1	1Mbps	2480.00	2397.92~2485.57	2479.73	6.69	/	/	/
NVNT	ANT1	1Mbps	2480.00	2485.57~12750.00	5787.30	-41.09	N/A	-30	Pass
NVNT	ANT1	2Mbps	2402.00	30.00~47.00	38.95	-67.19	N/A	-36	Pass
NVNT	ANT1	2Mbps	2402.00	47.00~74.00	53.16	-66.85	N/A	-54	Pass
NVNT	ANT1	2Mbps	2402.00	74.00~87.50	76.54	-67.57	N/A	-36	Pass
NVNT	ANT1	2Mbps	2402.00	87.50~118.00	117.58	-67.95	N/A	-54	Pass
NVNT	ANT1	2Mbps	2402.00	118.00~174.00	173.71	-66.37	N/A	-36	Pass
NVNT	ANT1	2Mbps	2402.00	174.00~230.00	204.79	-66.35	N/A	-54	Pass
NVNT	ANT1	2Mbps	2402.00	230.00~470.00	424.69	-66.38	N/A	-36	Pass
NVNT	ANT1	2Mbps	2402.00	470.00~694.00	572.14	-66.89	N/A	-54	Pass
NVNT	ANT1	2Mbps	2402.00	694.00~1000.00	886.10	-66.60	N/A	-36	Pass
NVNT	ANT1	2Mbps	2402.00	1000.00~2395.85	2394.92	-43.54	N/A	-30	Pass
NVNT	ANT1	2Mbps	2402.00	2395.85~2487.64	2401.46	6.84	/	/	/

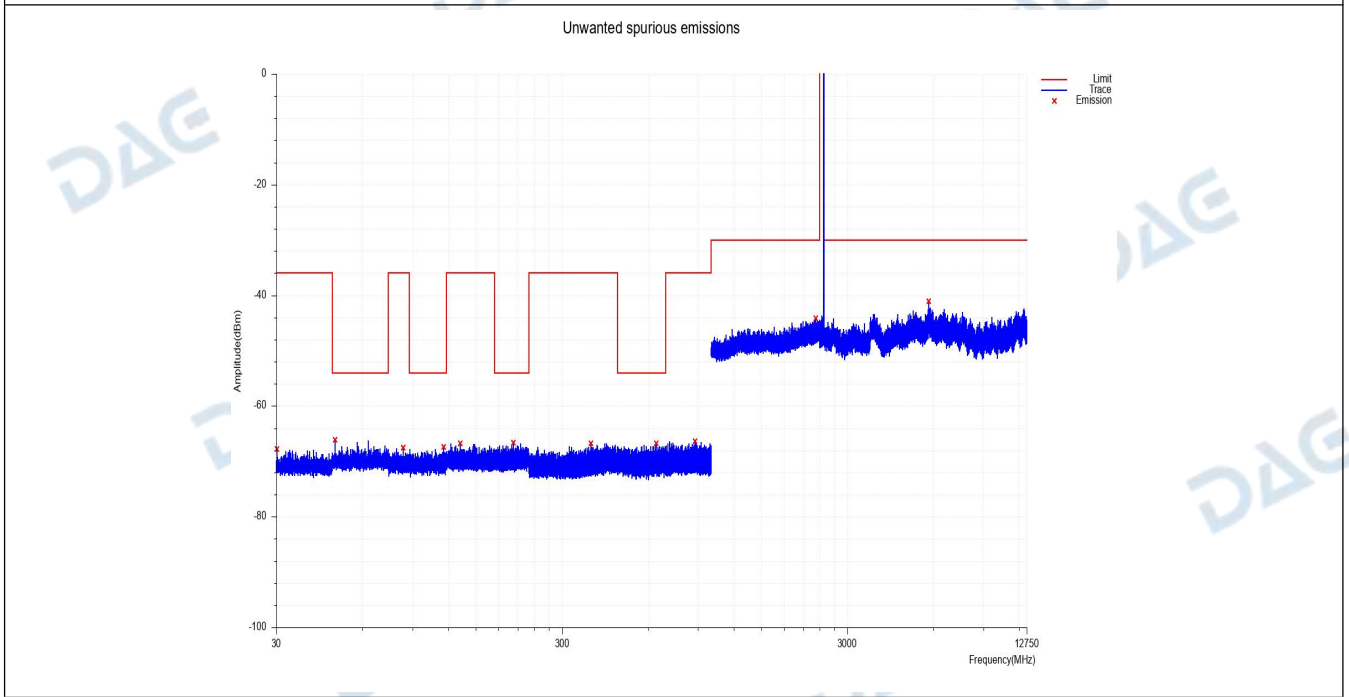
NVNT	ANT1	2Mbps	2402.00	2487.64~12750.00	12565.62	-42.34	N/A	-30	Pass
NVNT	ANT1	2Mbps	2440.00	30.00~47.00	32.01	-68.18	N/A	-36	Pass
NVNT	ANT1	2Mbps	2440.00	47.00~74.00	66.61	-66.61	N/A	-54	Pass
NVNT	ANT1	2Mbps	2440.00	74.00~87.50	86.91	-67.74	N/A	-36	Pass
NVNT	ANT1	2Mbps	2440.00	87.50~118.00	94.34	-67.66	N/A	-54	Pass
NVNT	ANT1	2Mbps	2440.00	118.00~174.00	166.96	-66.88	N/A	-36	Pass
NVNT	ANT1	2Mbps	2440.00	174.00~230.00	177.18	-65.99	N/A	-54	Pass
NVNT	ANT1	2Mbps	2440.00	230.00~470.00	451.18	-66.59	N/A	-36	Pass
NVNT	ANT1	2Mbps	2440.00	470.00~694.00	525.21	-66.25	N/A	-54	Pass
NVNT	ANT1	2Mbps	2440.00	694.00~1000.00	900.60	-66.50	N/A	-36	Pass
NVNT	ANT1	2Mbps	2440.00	1000.00~2395.84	2395.06	-43.74	N/A	-30	Pass
NVNT	ANT1	2Mbps	2440.00	2395.84~2487.65	2440.00	7.34	/	/	/
NVNT	ANT1	2Mbps	2440.00	2487.65~12750.00	11813.05	-41.06	N/A	-30	Pass
NVNT	ANT1	2Mbps	2480.00	30.00~47.00	42.42	-67.51	N/A	-36	Pass
NVNT	ANT1	2Mbps	2480.00	47.00~74.00	69.60	-66.98	N/A	-54	Pass
NVNT	ANT1	2Mbps	2480.00	74.00~87.50	80.48	-67.87	N/A	-36	Pass
NVNT	ANT1	2Mbps	2480.00	87.50~118.00	109.18	-67.62	N/A	-54	Pass
NVNT	ANT1	2Mbps	2480.00	118.00~174.00	144.50	-66.34	N/A	-36	Pass
NVNT	ANT1	2Mbps	2480.00	174.00~230.00	208.51	-66.17	N/A	-54	Pass
NVNT	ANT1	2Mbps	2480.00	230.00~470.00	452.99	-66.70	N/A	-36	Pass
NVNT	ANT1	2Mbps	2480.00	470.00~694.00	622.01	-66.75	N/A	-54	Pass
NVNT	ANT1	2Mbps	2480.00	694.00~1000.00	814.44	-66.48	N/A	-36	Pass
NVNT	ANT1	2Mbps	2480.00	1000.00~2395.84	2005.43	-44.62	N/A	-30	Pass
NVNT	ANT1	2Mbps	2480.00	2395.84~2487.65	2448.33	-44.18	/	/	/
NVNT	ANT1	2Mbps	2480.00	2487.65~12750.00	6073.66	-41.44	N/A	-30	Pass



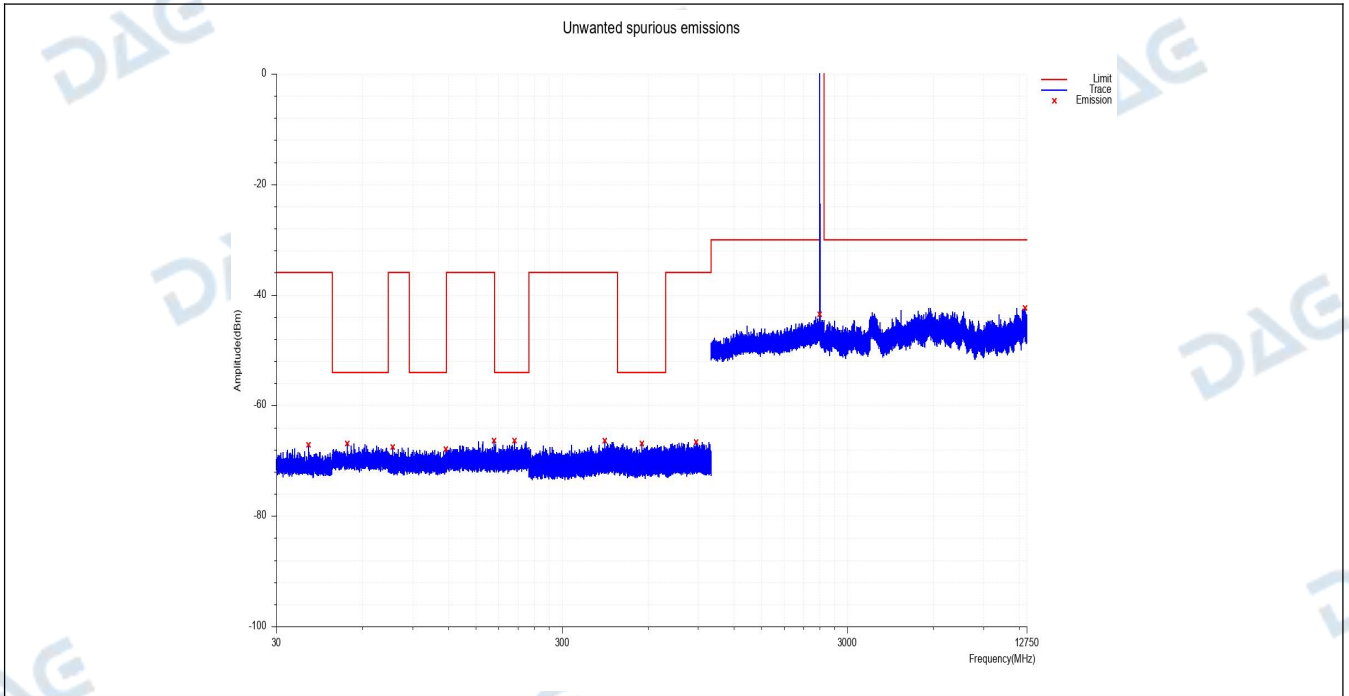
Transmitter_spurious_emissions_NVNT_ANT1_1Mbps_2440



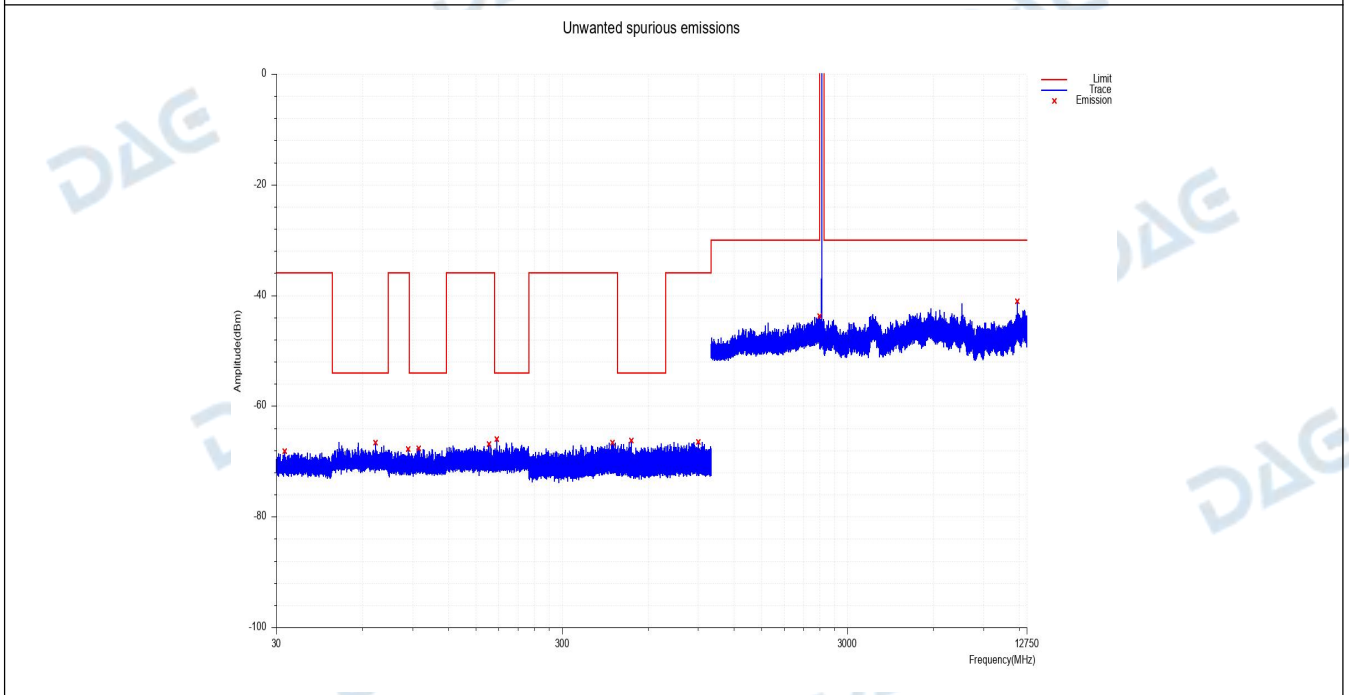
Transmitter_spurious_emissions_NVNT_ANT1_1Mbps_2480



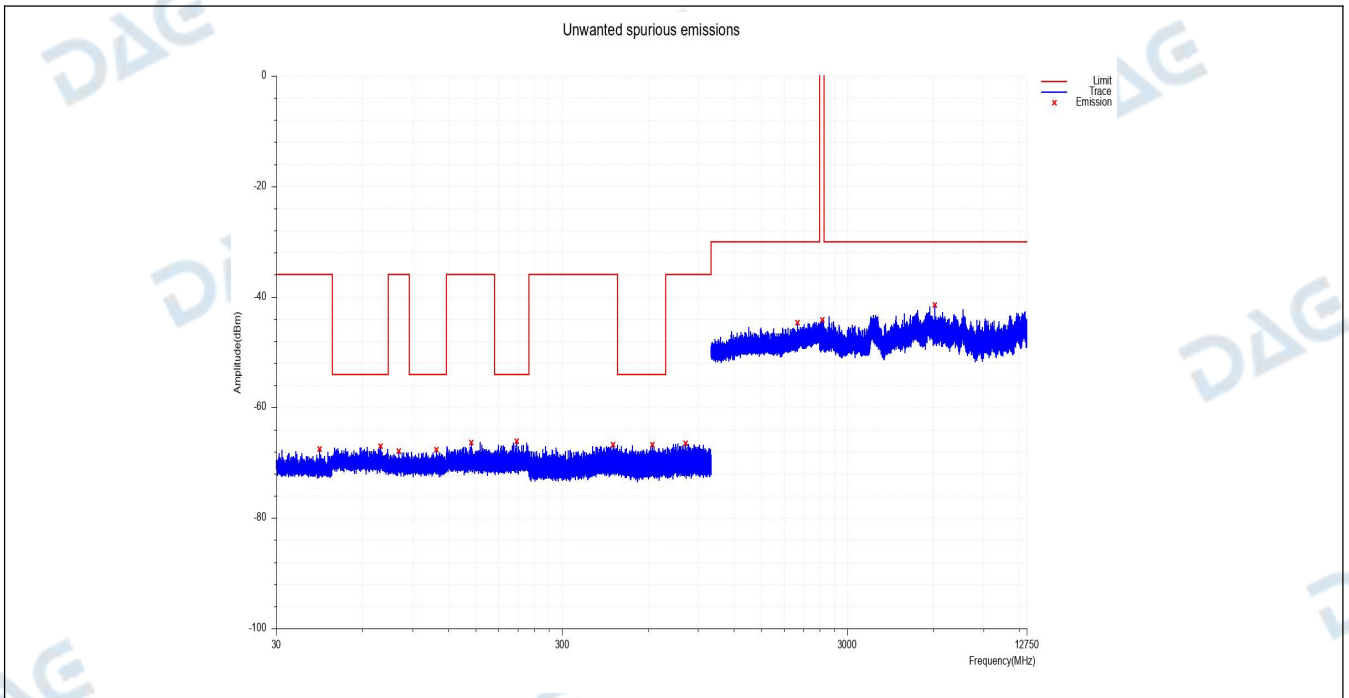
Transmitter_spurious_emissions_NVNT_ANT1_2Mbps_2402



Transmitter_spurious_emissions_NVNT_ANT1_2Mbps_2440

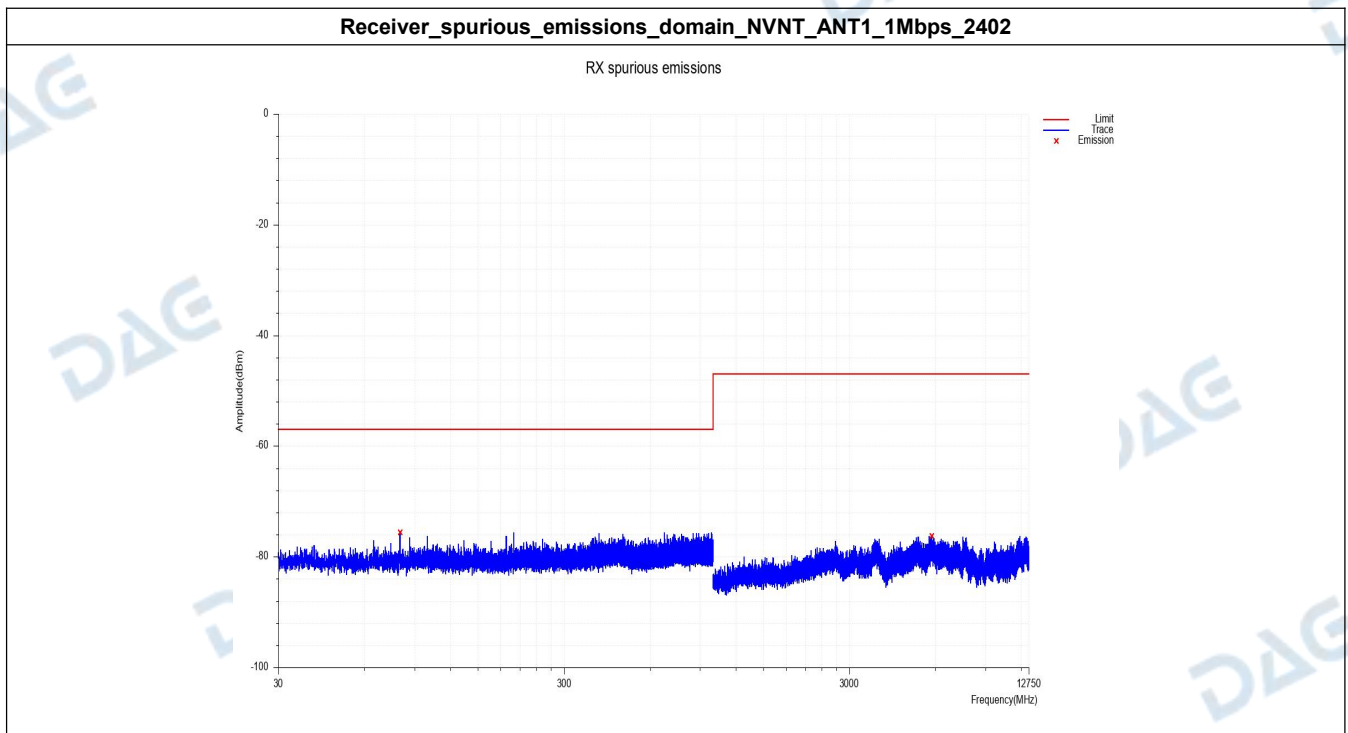


Transmitter_spurious_emissions_NVNT_ANT1_2Mbps_2480

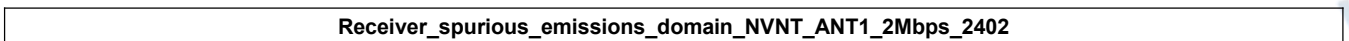
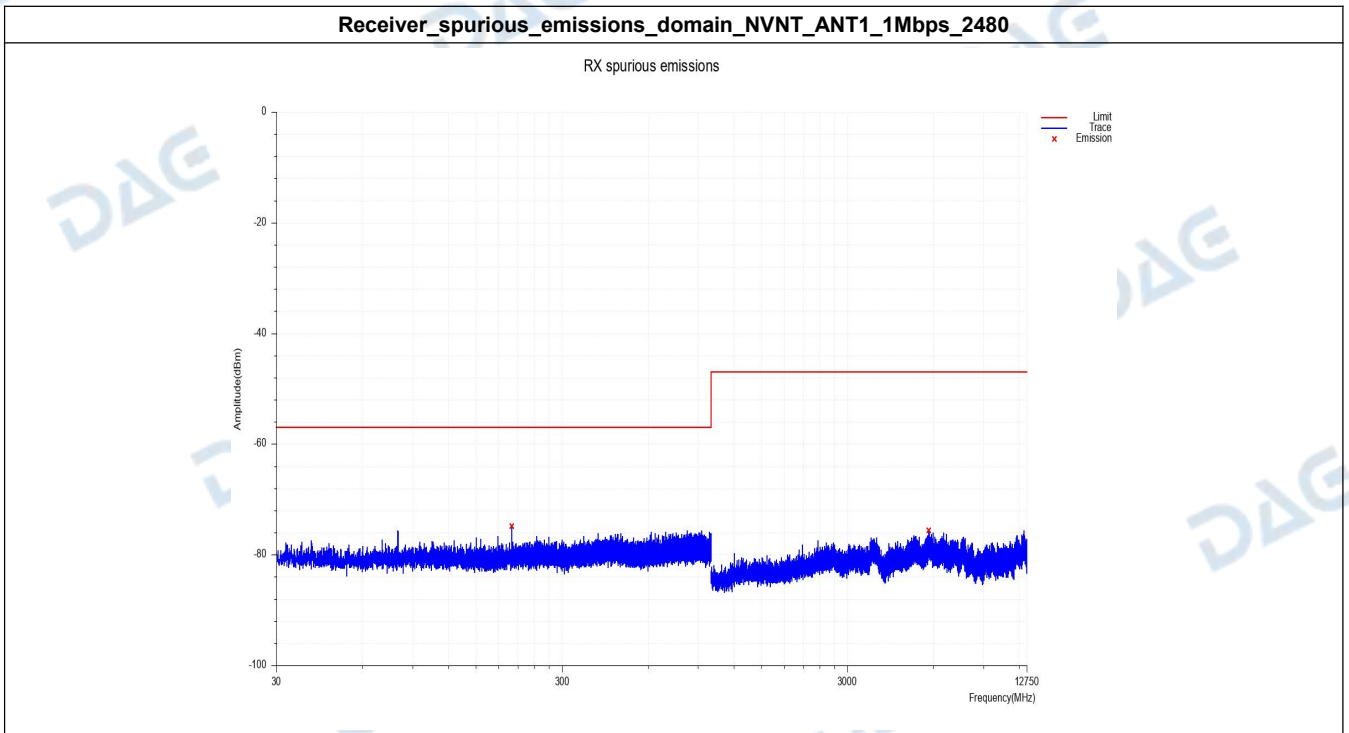
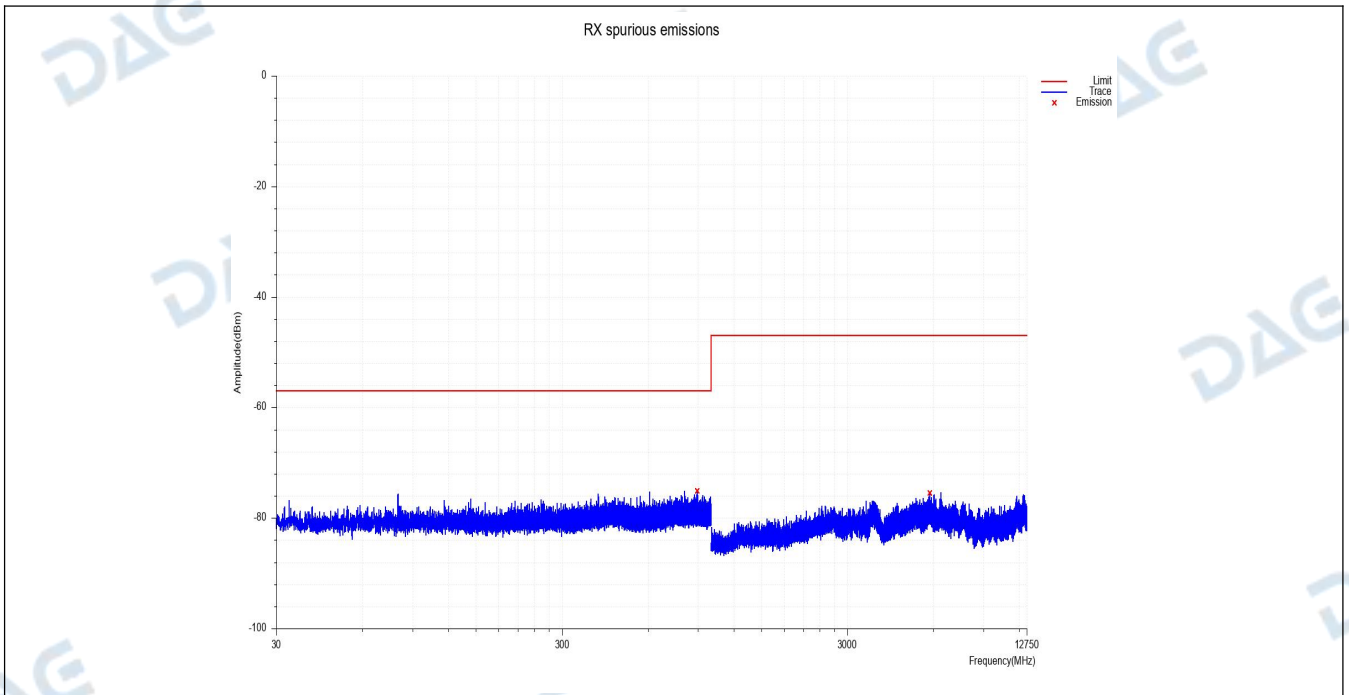


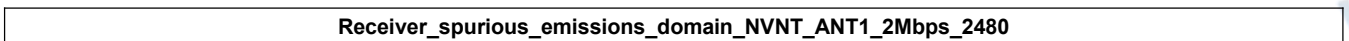
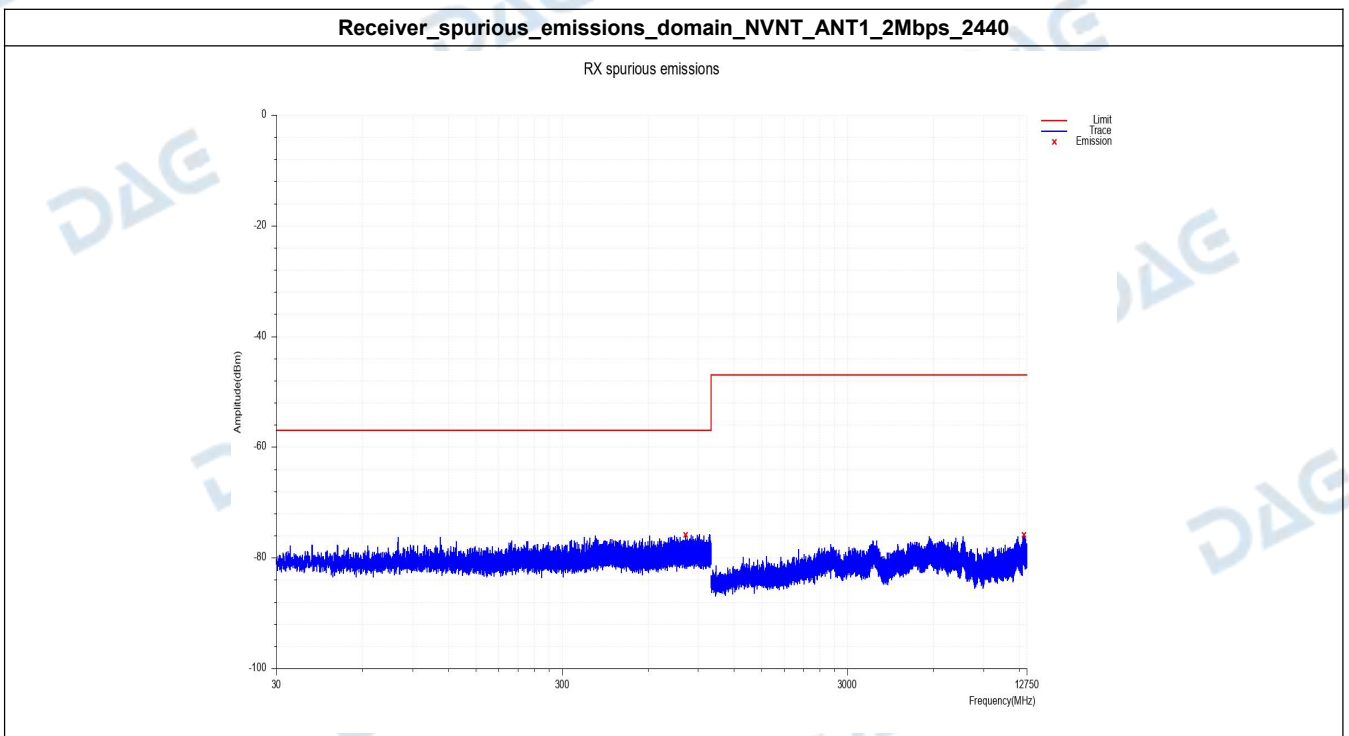
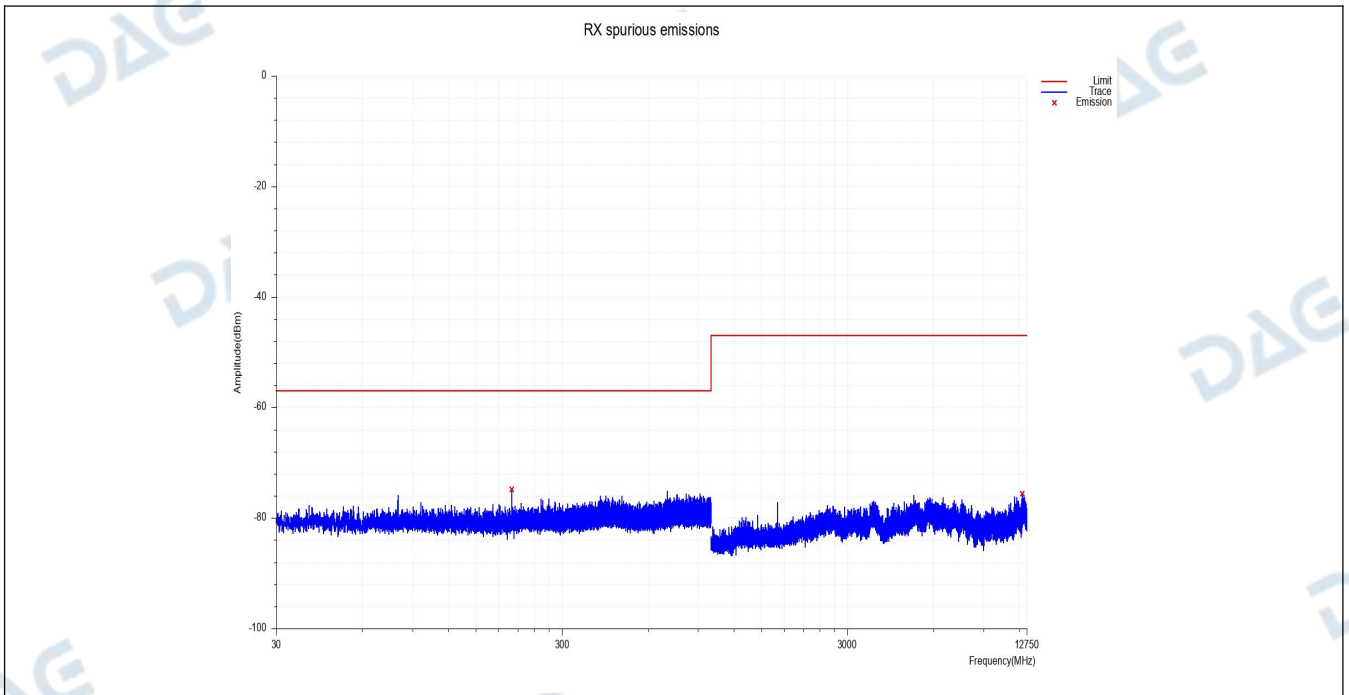
6. Receiver spurious emissions domain

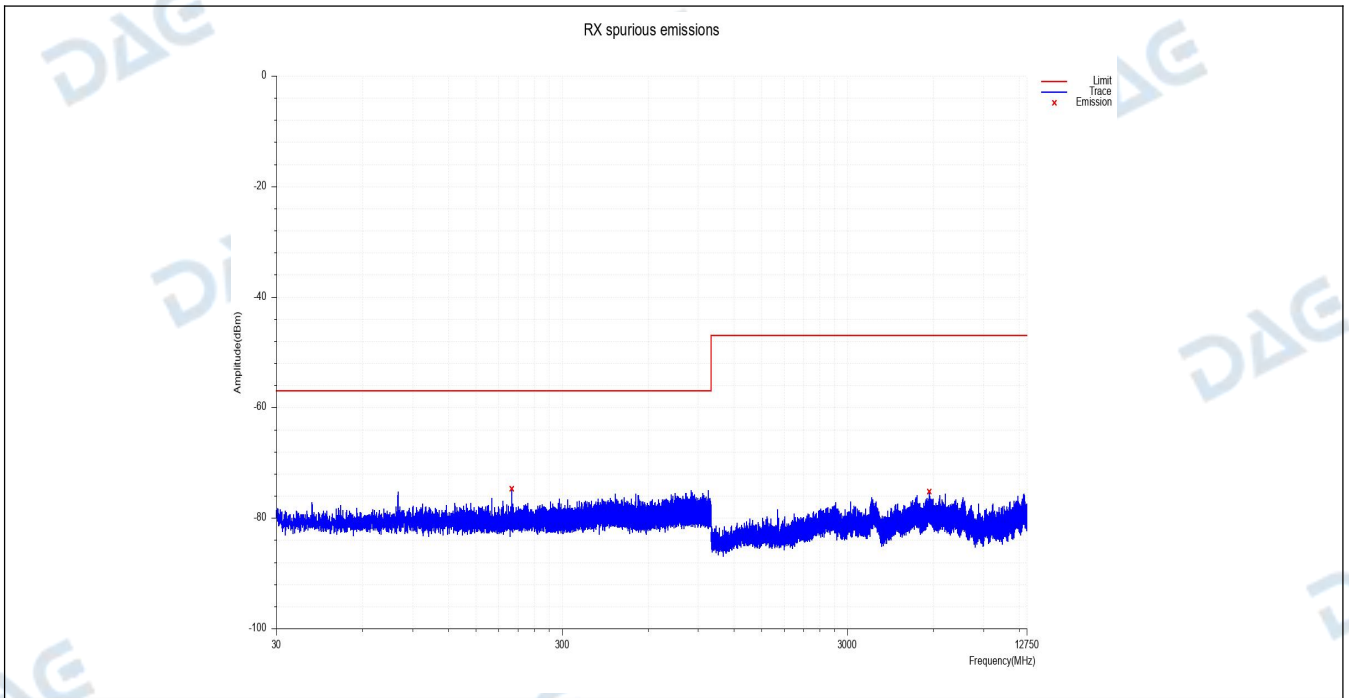
Condition	Antenna	Rate	Frequency (MHz)	Range	Spur Freq(MHz)	Spur Freq Peak(dBm)	Spur Level RMS(dBm)	Limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	30.00~1000.00	80.02	-75.57	N/A	-57	Pass
NVNT	ANT1	1Mbps	2402.00	1000.00~12750.00	5829.64	-76.26	N/A	-47	Pass
NVNT	ANT1	1Mbps	2440.00	30.00~1000.00	895.66	-75.14	N/A	-57	Pass
NVNT	ANT1	1Mbps	2440.00	1000.00~12750.00	5844.92	-75.47	N/A	-47	Pass
NVNT	ANT1	1Mbps	2480.00	30.00~1000.00	199.98	-74.81	N/A	-57	Pass
NVNT	ANT1	1Mbps	2480.00	1000.00~12750.00	5786.95	-75.56	N/A	-47	Pass
NVNT	ANT1	2Mbps	2402.00	30.00~1000.00	200.01	-74.90	N/A	-57	Pass
NVNT	ANT1	2Mbps	2402.00	1000.00~12750.00	12325.04	-75.60	N/A	-47	Pass
NVNT	ANT1	2Mbps	2440.00	30.00~1000.00	814.50	-75.81	N/A	-57	Pass
NVNT	ANT1	2Mbps	2440.00	1000.00~12750.00	12462.91	-75.88	N/A	-47	Pass
NVNT	ANT1	2Mbps	2480.00	30.00~1000.00	200.01	-74.68	N/A	-57	Pass
NVNT	ANT1	2Mbps	2480.00	1000.00~12750.00	5813.19	-75.18	N/A	-47	Pass



Receiver_spurious_emissions_domain_NVNT_ANT1_1Mbps_2440







7. Receiver Blocking

Condition	Antenna	Modulation	Frequency (MHz)	Wanted Power (dBm)	Blocking Frequency (MHz)	Blocking Power (dBm)	PER(%)	Limit(%)	Result
NVNT	ANT1	1-DH5	2402	-68	2380	-34	0.40	≤10	Pass
NVNT	ANT1	1-DH5	2402	-68	2360	-34	0.58	≤10	Pass
NVNT	ANT1	1-DH5	2402	-68	2504	-34	0.20	≤10	Pass
NVNT	ANT1	1-DH5	2480	-68	2380	-34	0.11	≤10	Pass
NVNT	ANT1	1-DH5	2480	-68	2360	-34	1.73	≤10	Pass
NVNT	ANT1	1-DH5	2480	-68	2504	-34	0.76	≤10	Pass

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