



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

Table of Contents

1. Duty Cycle 2

2. -20dB Bandwidth 6

3. 99% Occupied Bandwidth 10

4. Peak Output Power 14

5. Spurious Emissions 18

6. Bandedge 25

7. Carrier Frequencies Separation (Hopping) 34

8. Number of Hopping Channel (Hopping) 38

9. Dwell Time (Hopping) 39



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

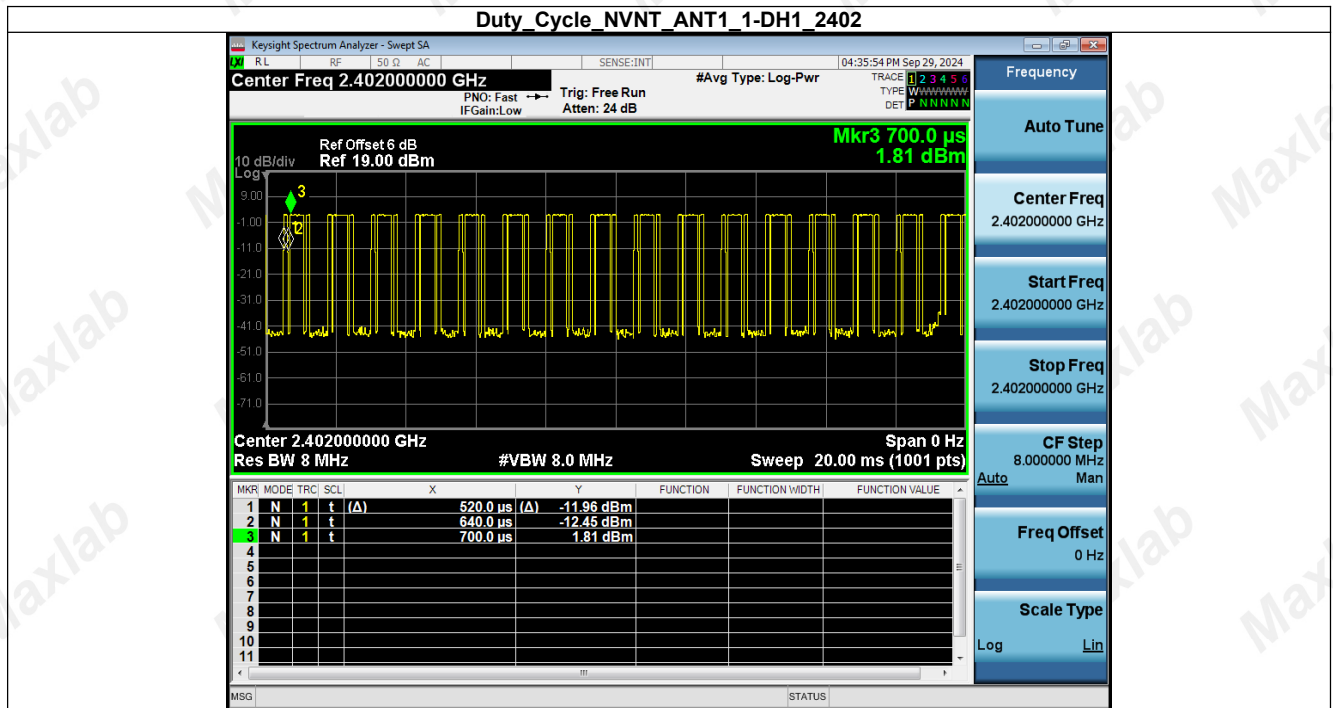
Report No.:MAX240925110P01-R01

FCC ID:2BLKX-CS01

FCC_BT (Part15.247) Test Data

1. Duty Cycle

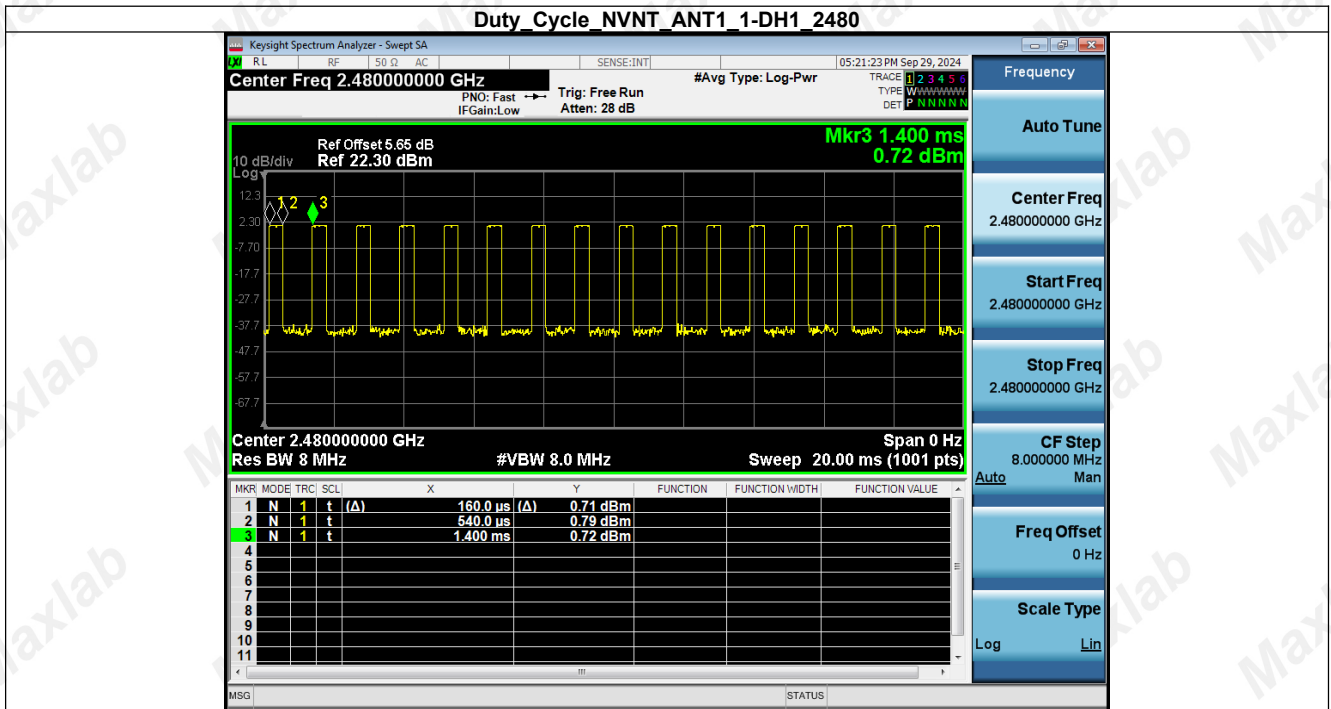
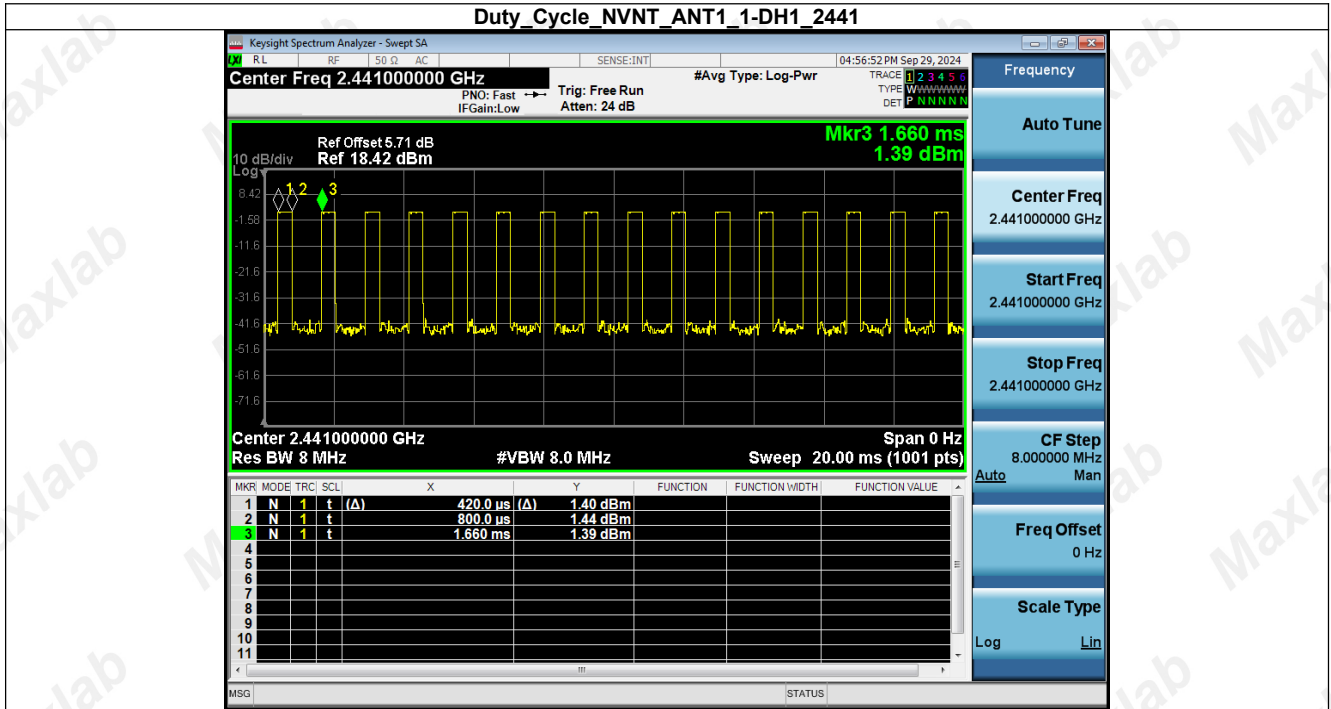
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	77.78	1.09
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.65	5.14
NVNT	ANT1	2-DH1	2402.00	91.30	0.40
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	30.65	5.14





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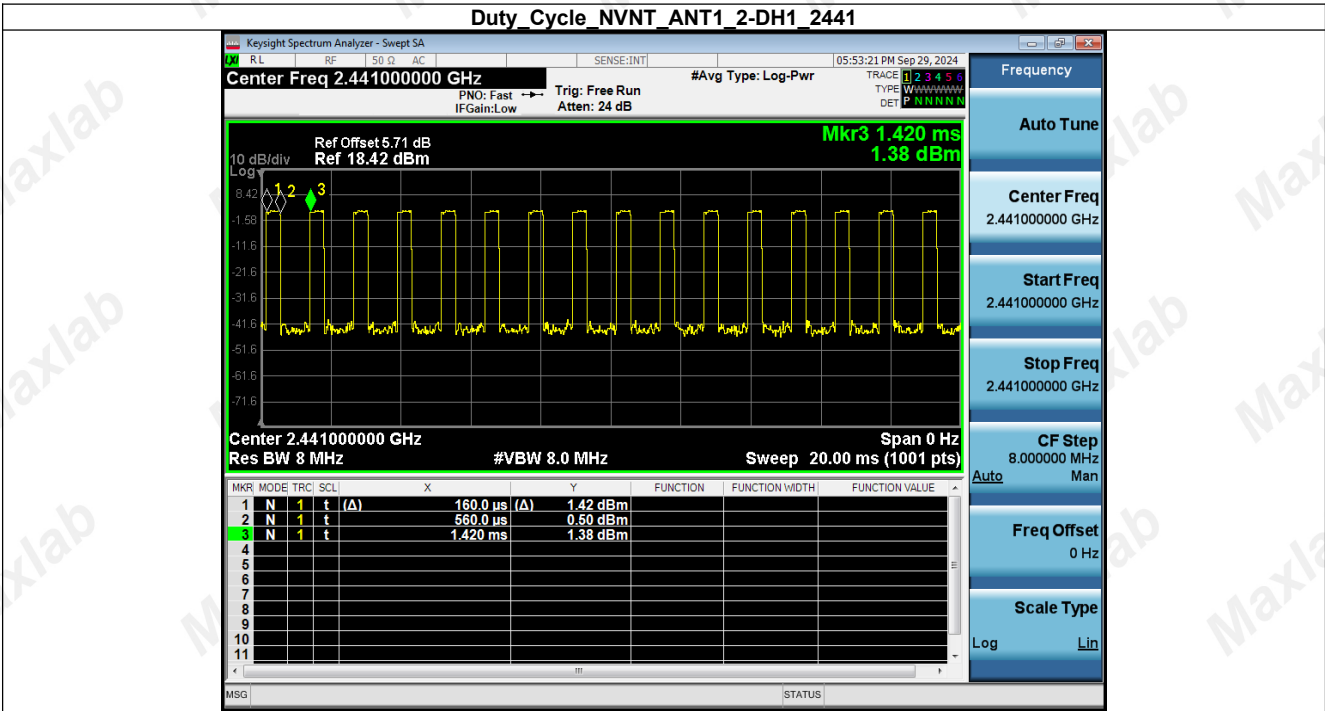
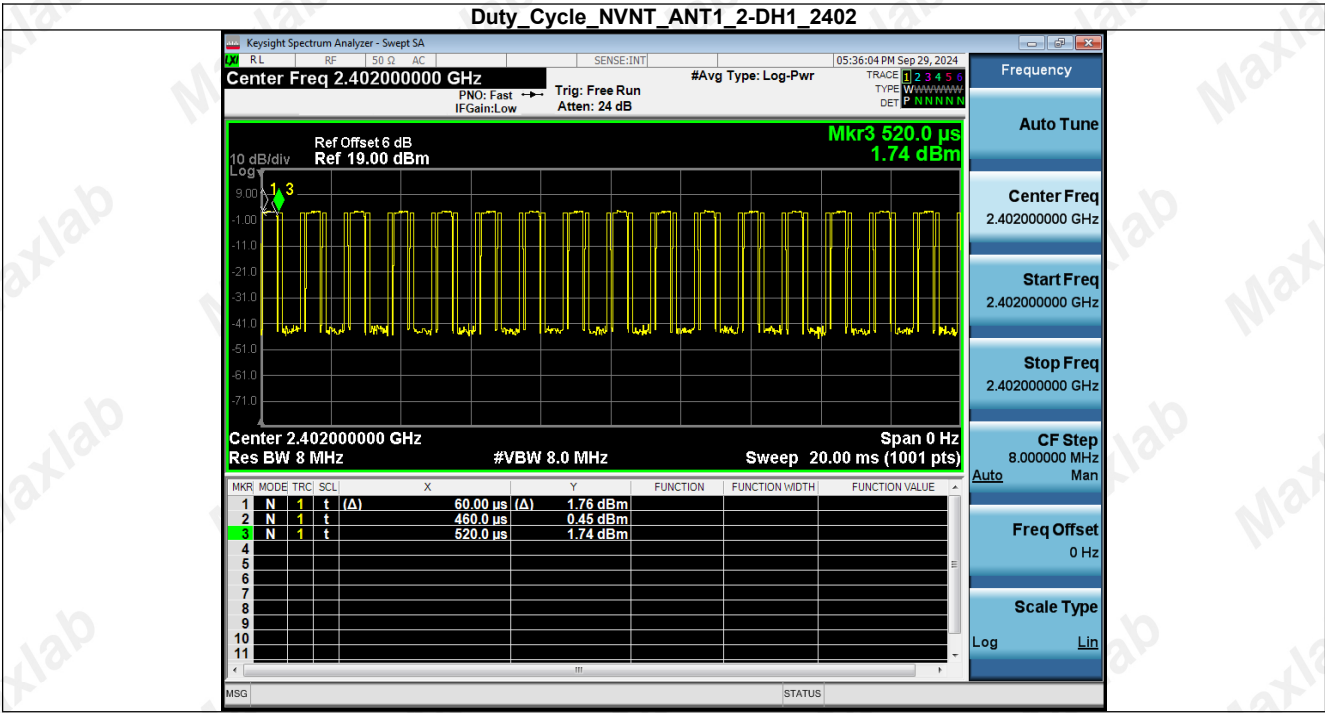
Report No.: MAX240925110P01-R01





MAXLAB Testing Co.,Ltd.

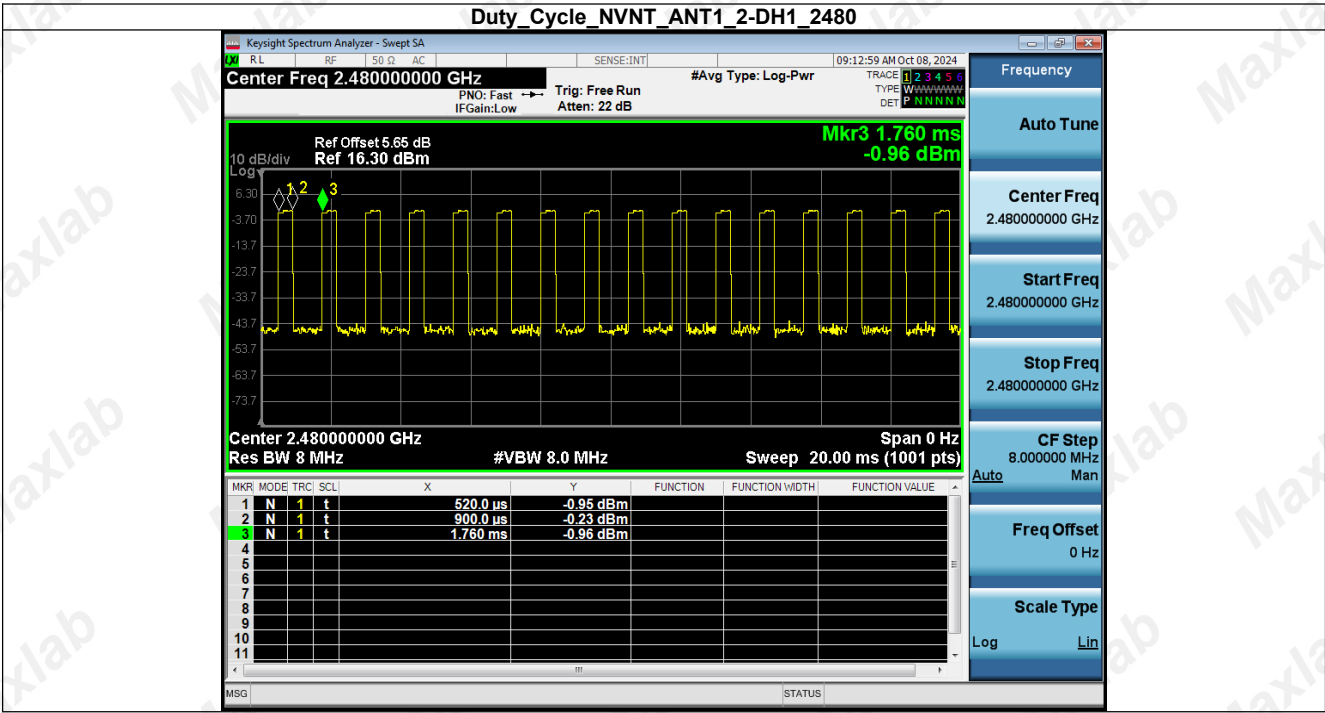
Report No.: MAX240925110P01-R01





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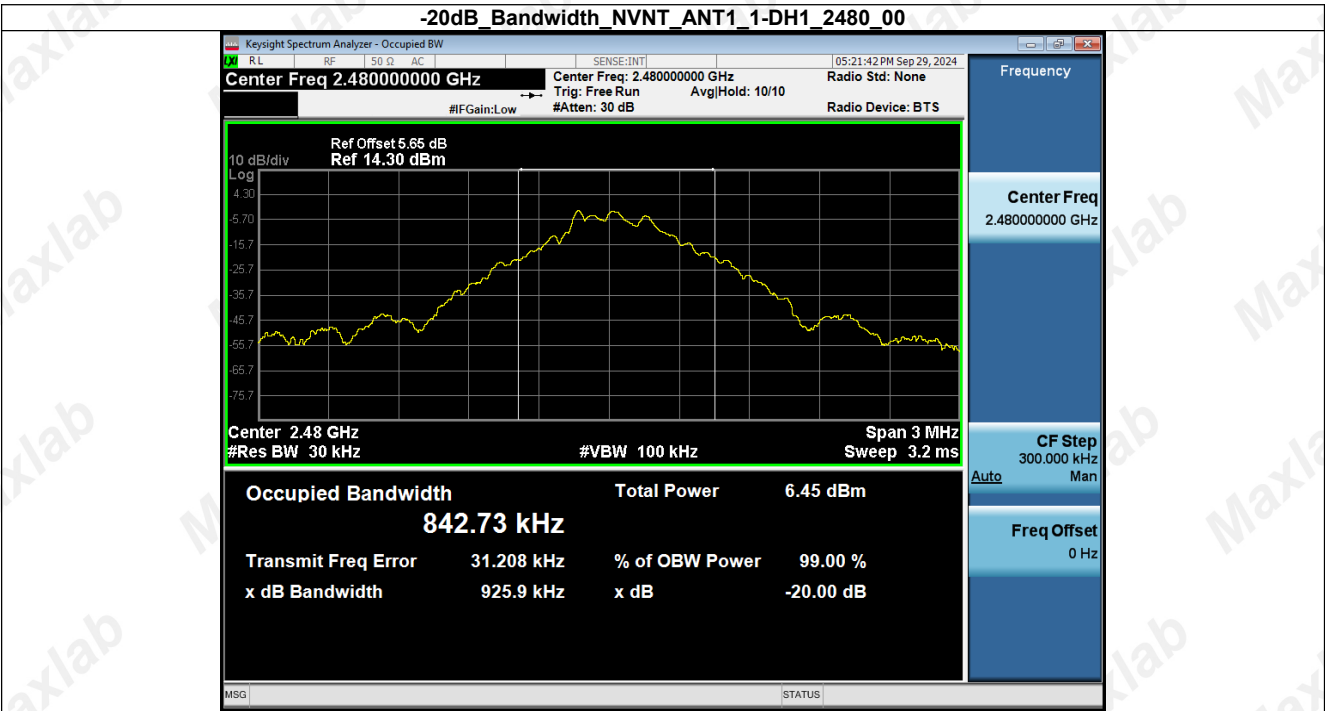
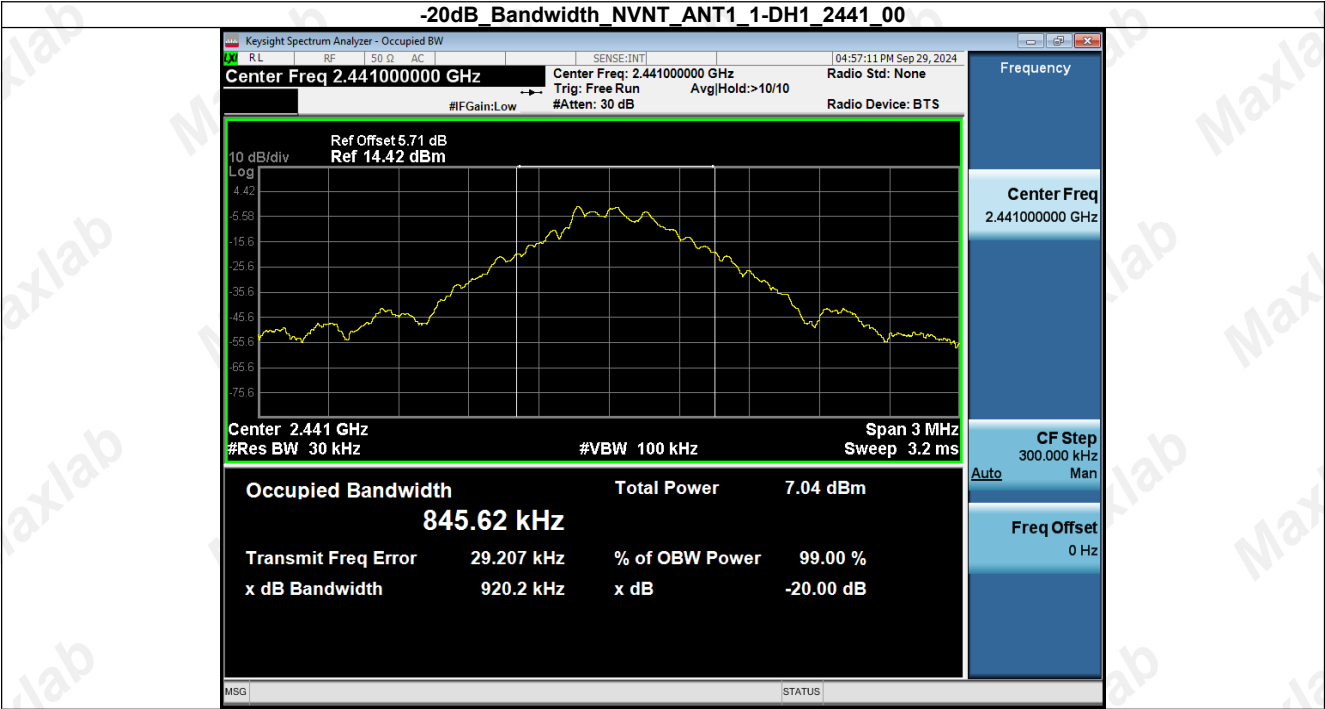
Report No.: MAX240925110P01-R01

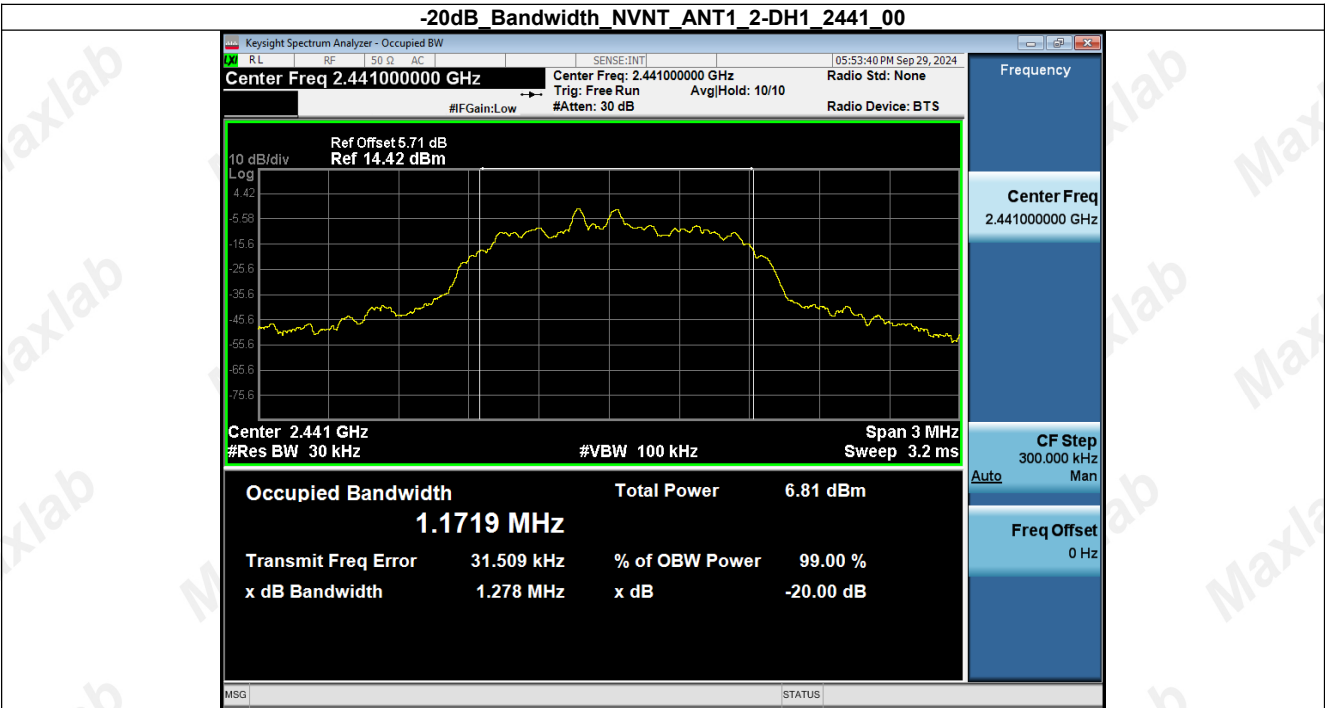


2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	1.066	Yes
NVNT	ANT1	1-DH1	2441.00	0.920	No
NVNT	ANT1	1-DH1	2480.00	0.926	No
NVNT	ANT1	2-DH1	2402.00	1.267	Yes
NVNT	ANT1	2-DH1	2441.00	1.278	Yes
NVNT	ANT1	2-DH1	2480.00	1.273	Yes



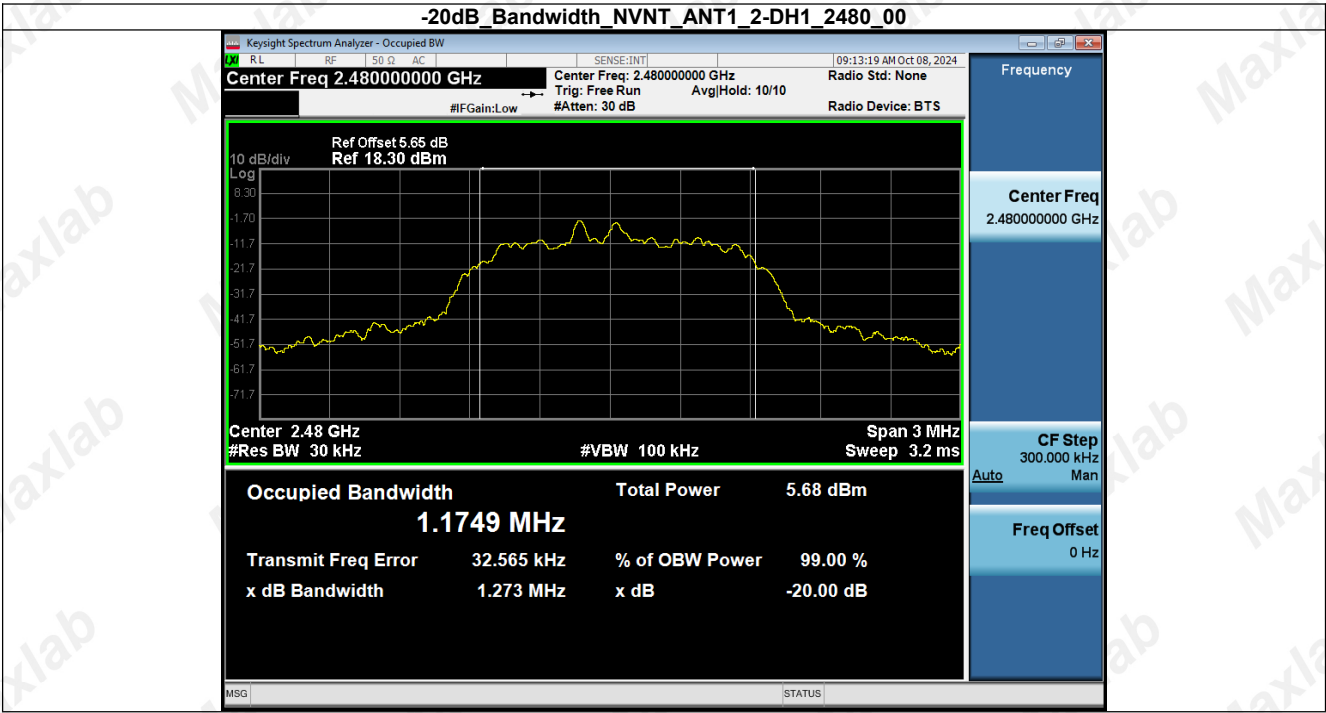






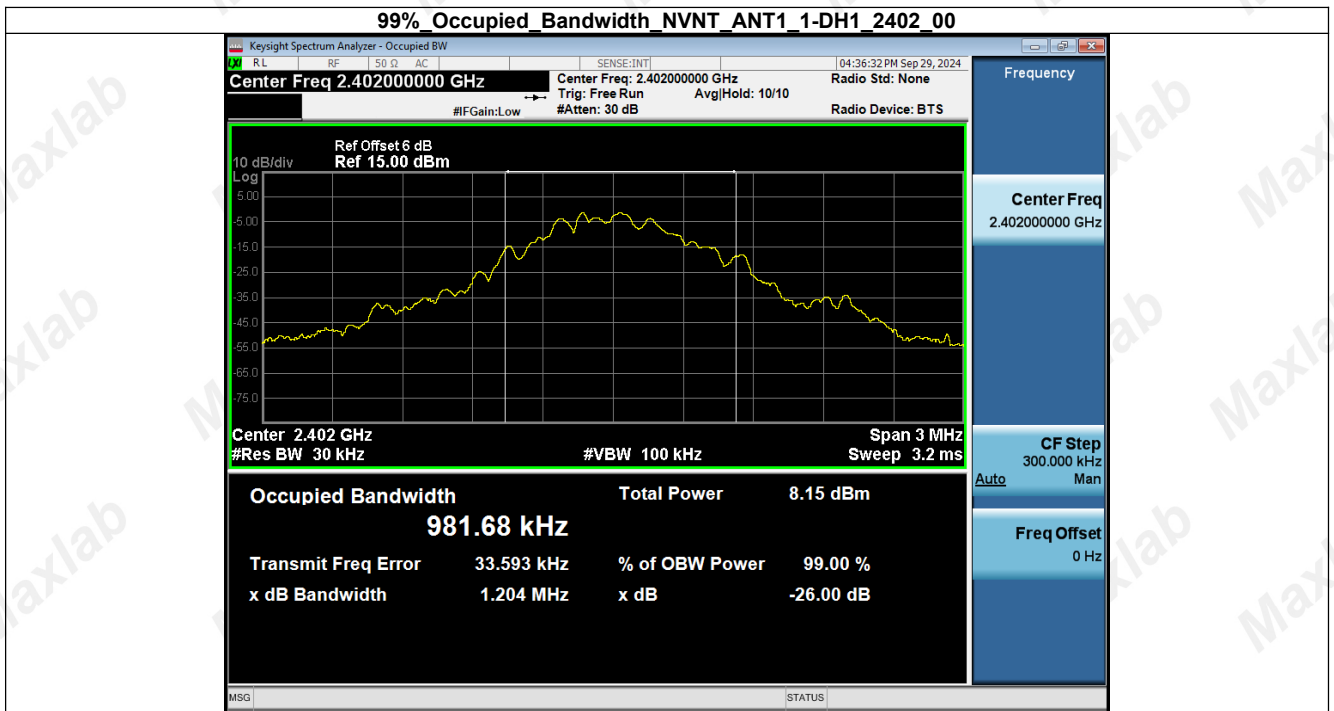
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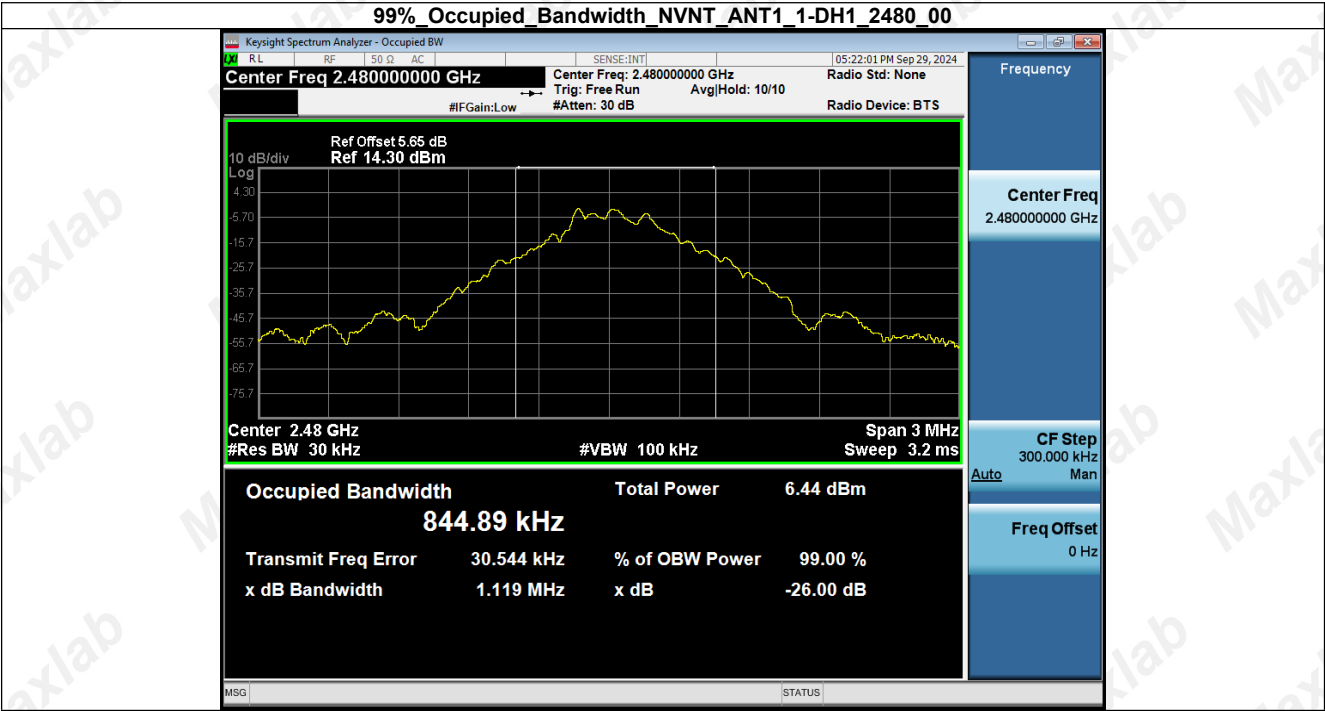
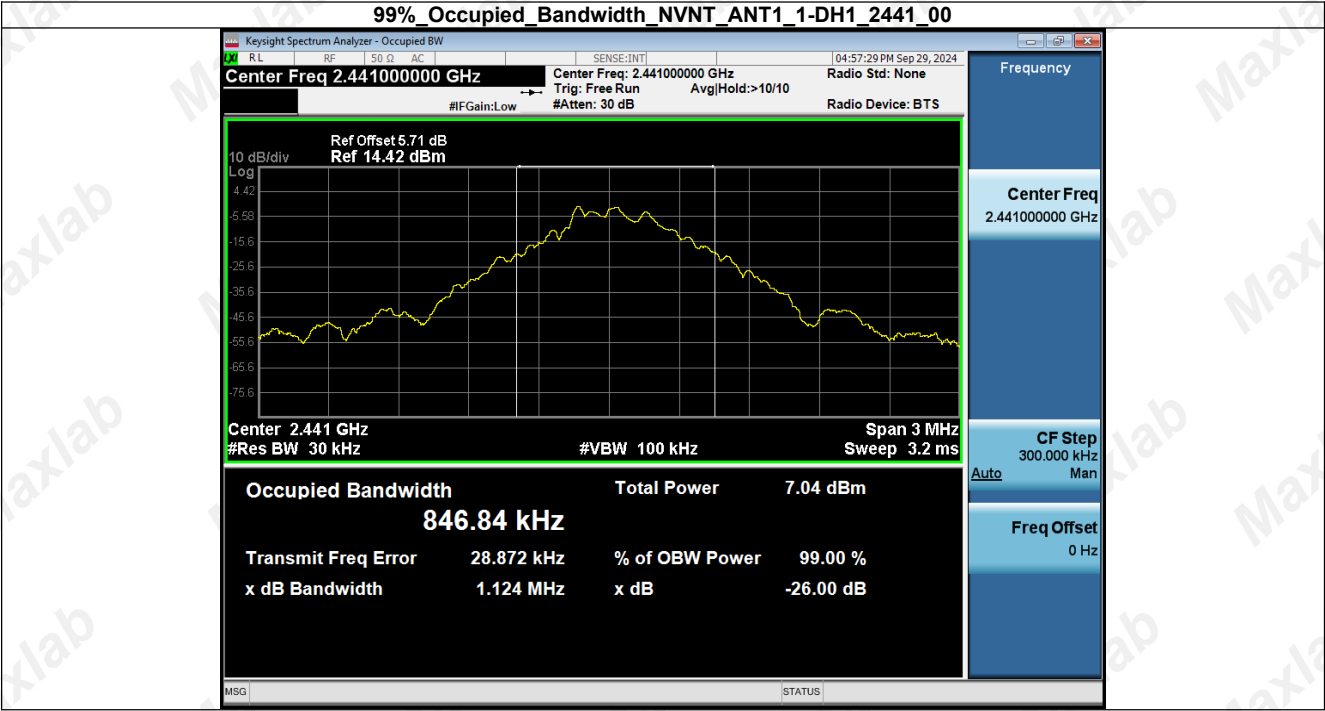
Report No.: MAX240925110P01-R01

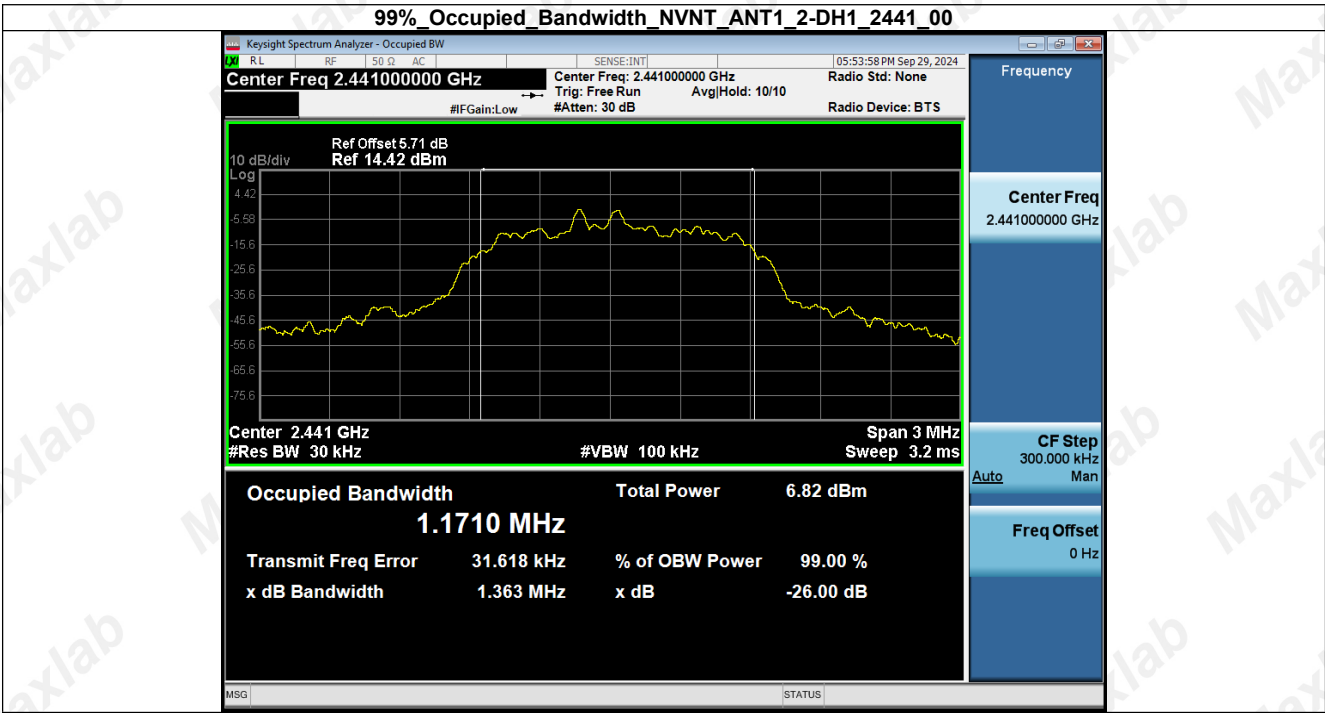
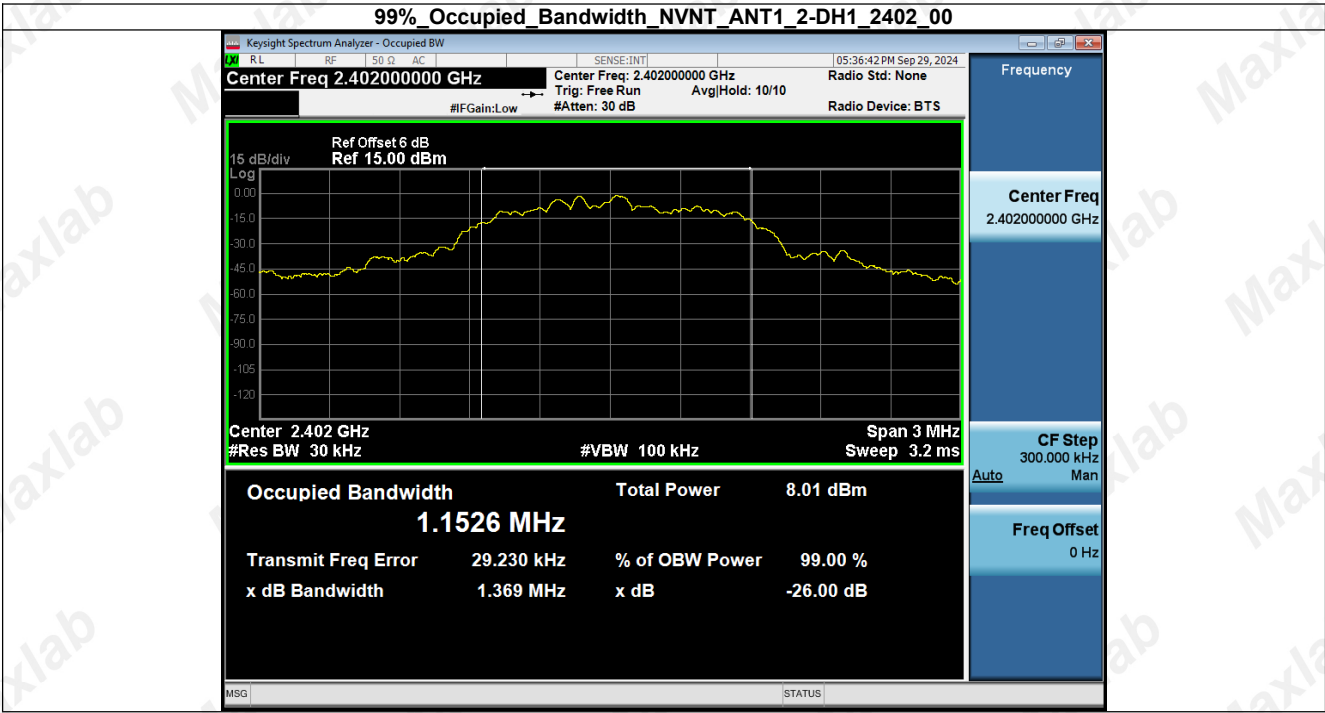


3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.982
NVNT	ANT1	1-DH1	2441.00	0.847
NVNT	ANT1	1-DH1	2480.00	0.845
NVNT	ANT1	2-DH1	2402.00	1.153
NVNT	ANT1	2-DH1	2441.00	1.171
NVNT	ANT1	2-DH1	2480.00	1.175



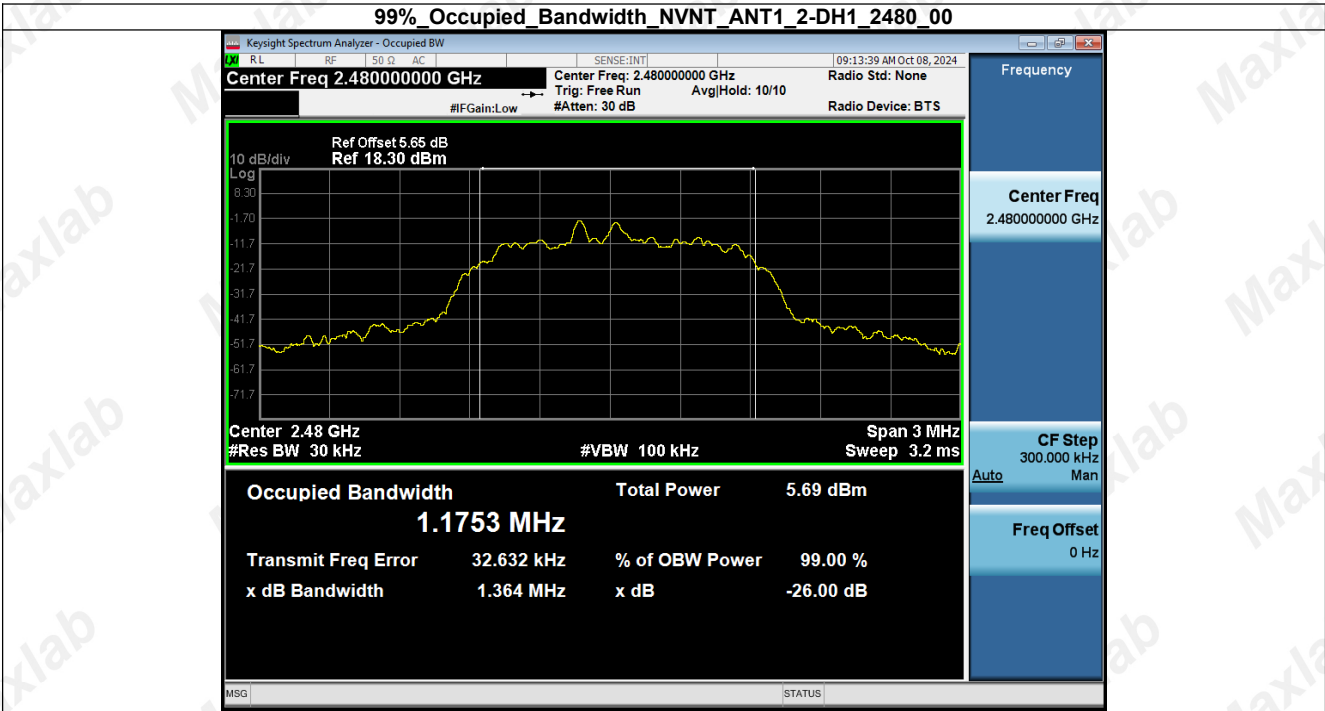






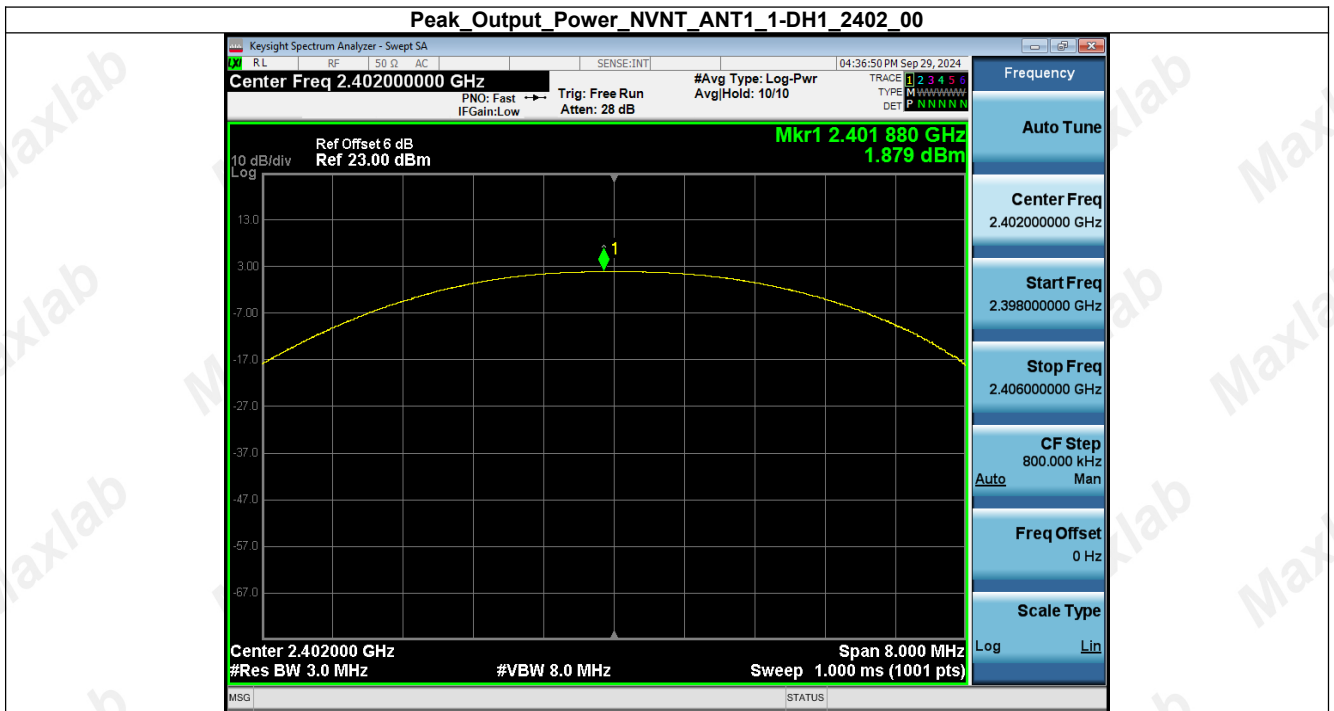
MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01



4. Peak Output Power

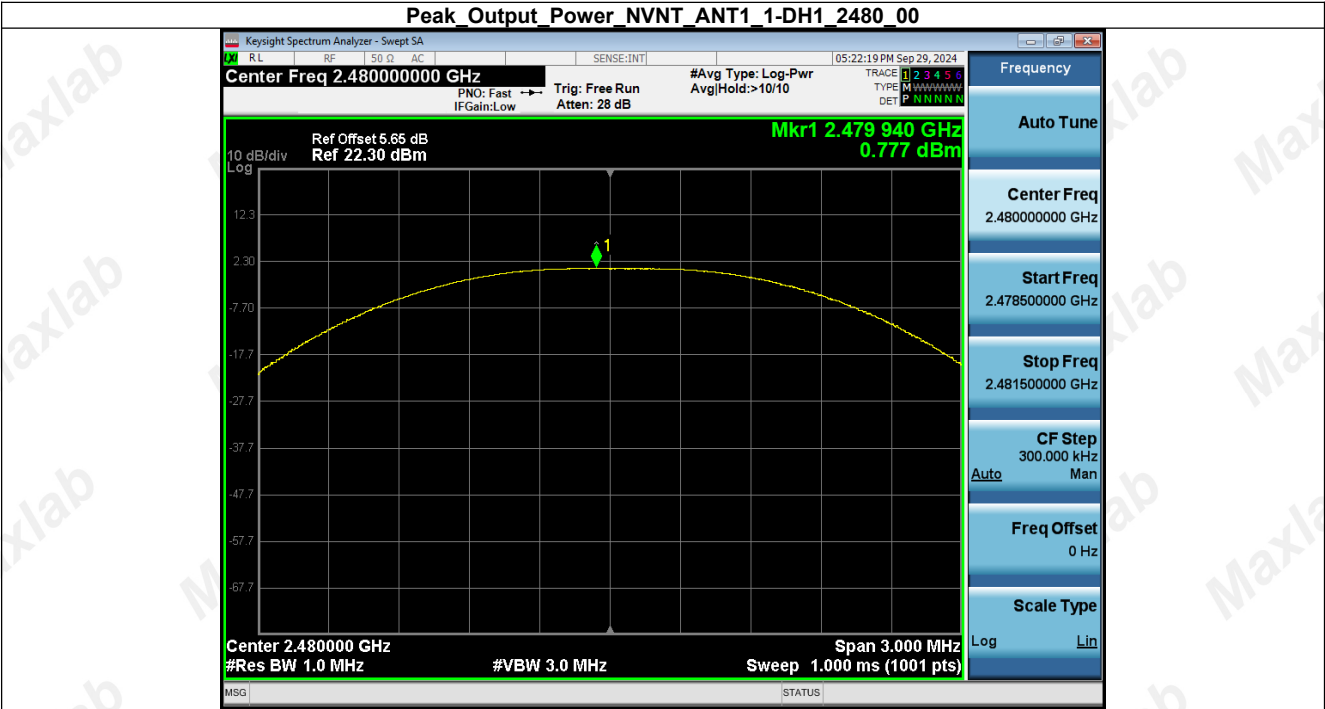
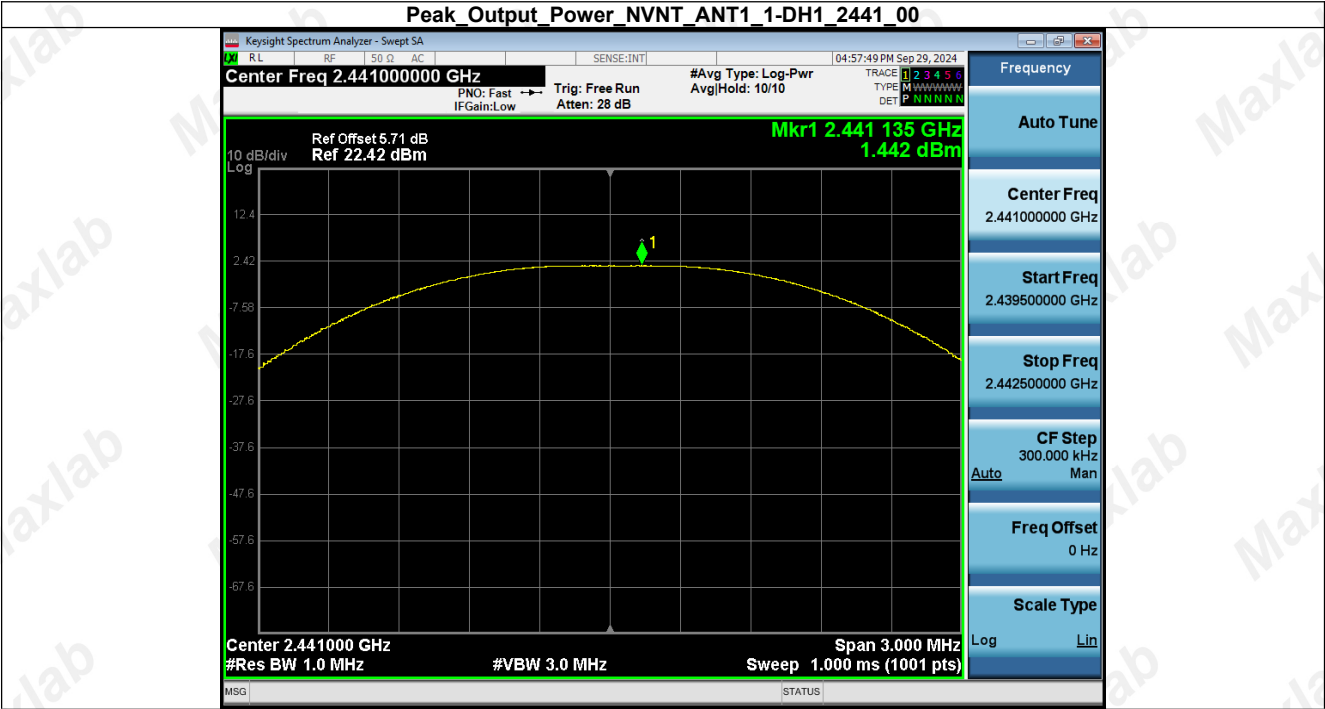
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	1.88	1.54	125	Pass
NVNT	ANT1	1-DH1	2441.00	1.44	1.39	1000	Pass
NVNT	ANT1	1-DH1	2480.00	0.78	1.20	1000	Pass
NVNT	ANT1	2-DH1	2402.00	2.40	1.74	125	Pass
NVNT	ANT1	2-DH1	2441.00	2.07	1.61	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.12	0.97	125	Pass





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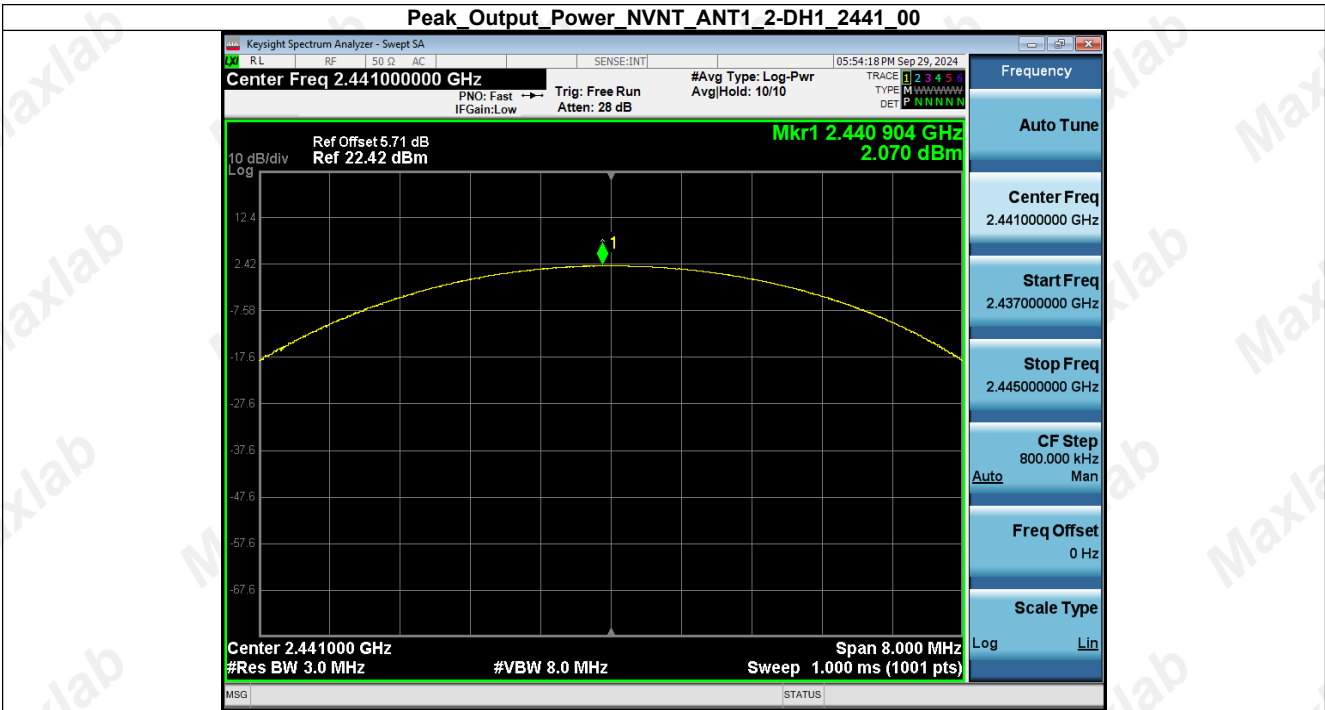
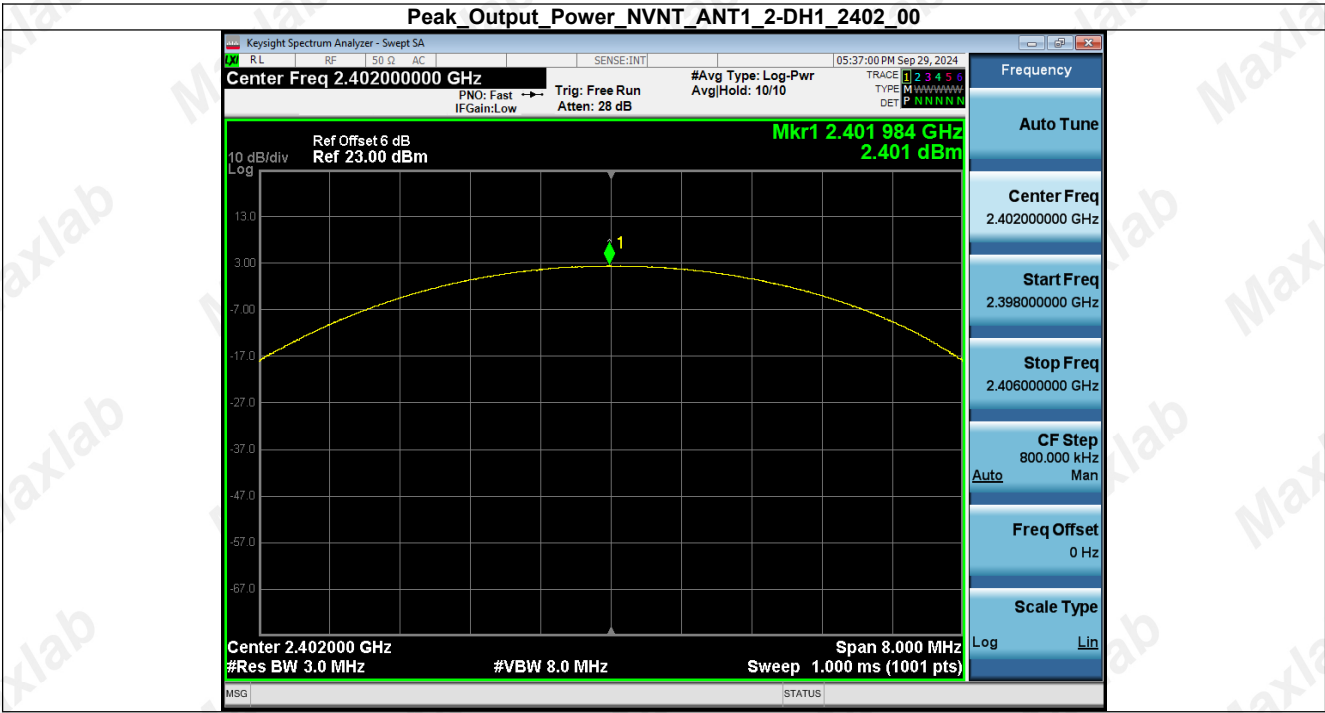
Report No.: MAX240925110P01-R01

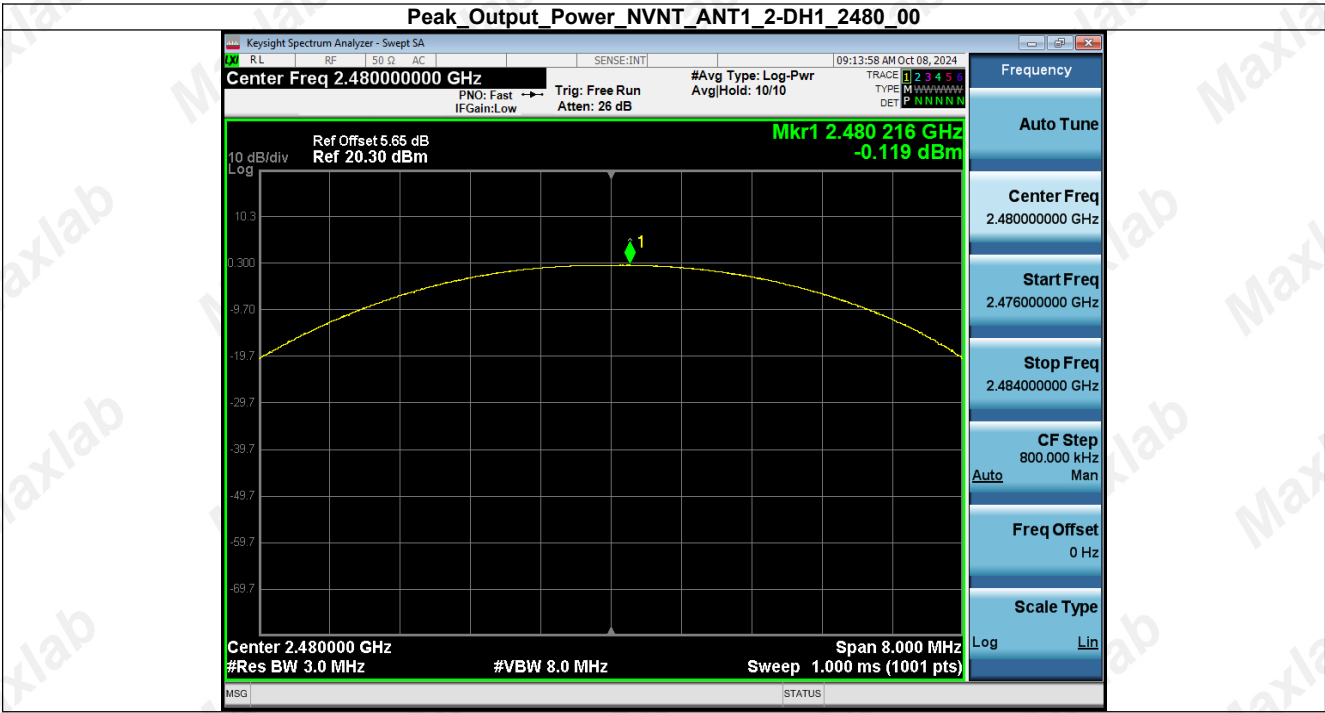




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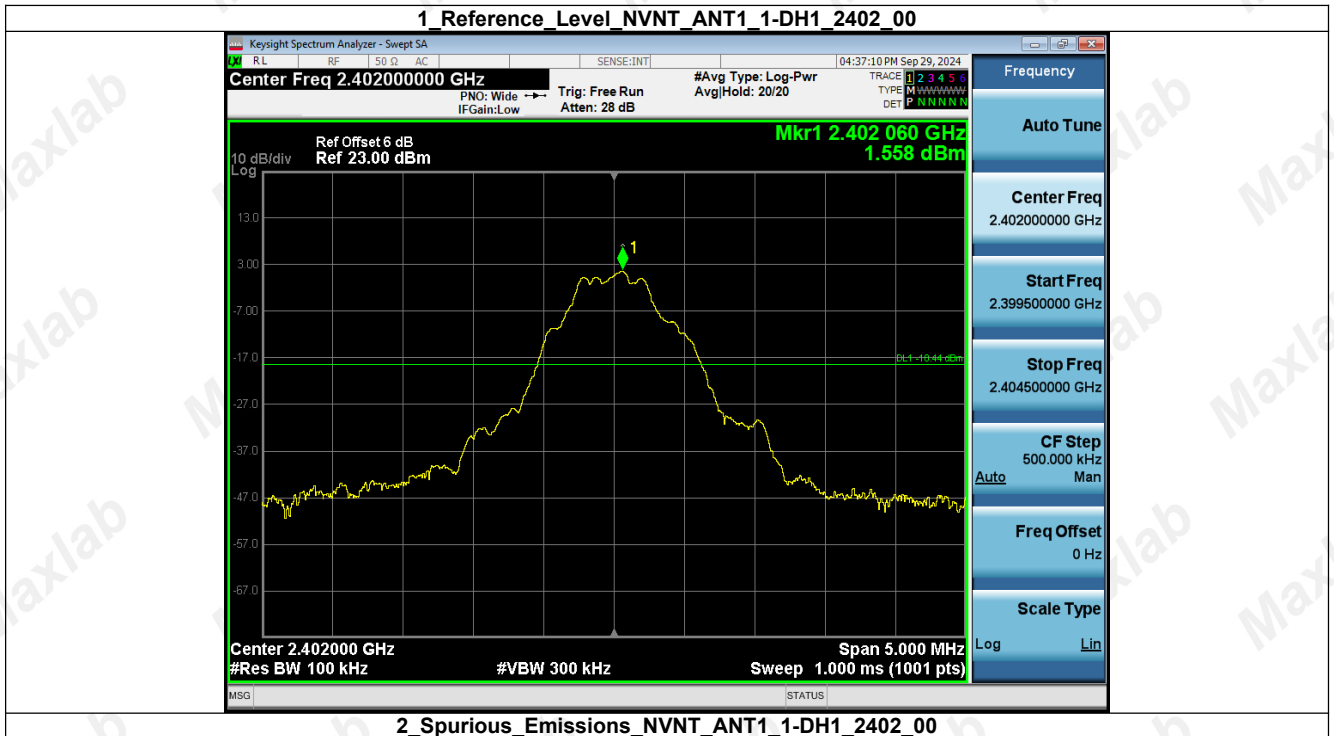
Report No.: MAX240925110P01-R01

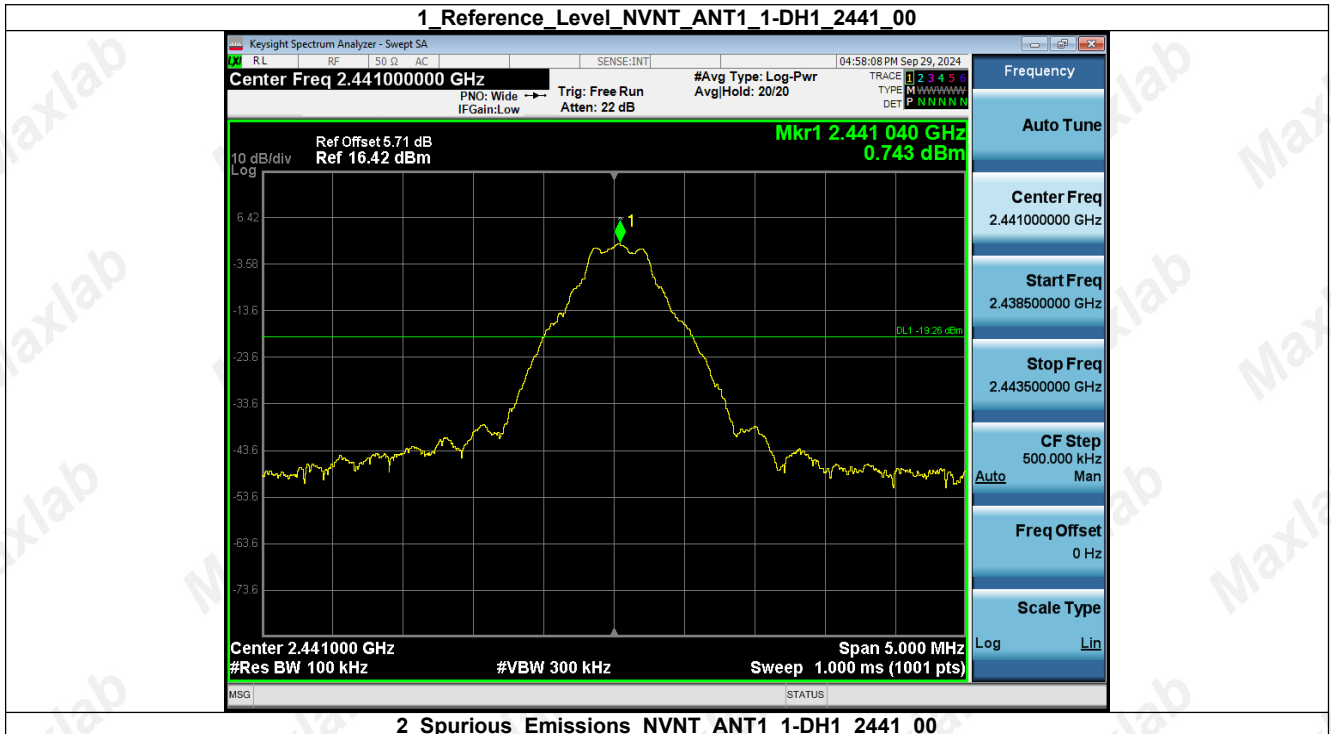
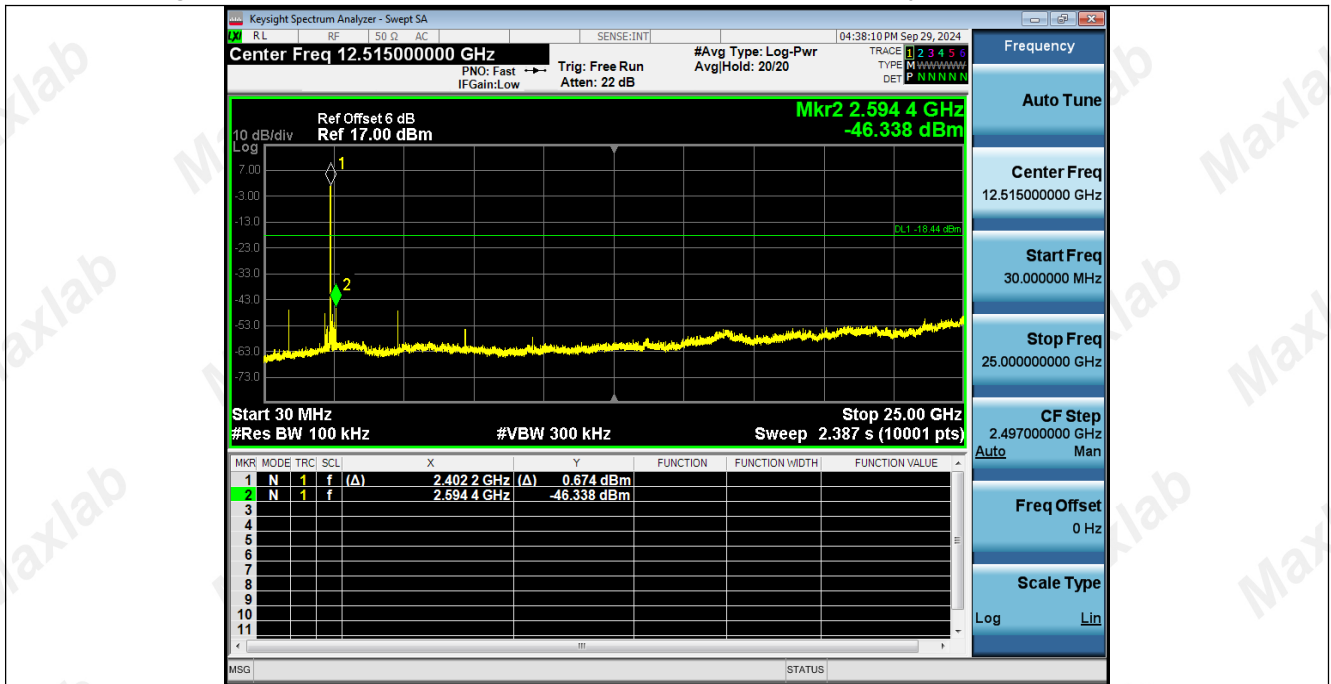




5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-46.338	-18.442	Pass
NVNT	ANT1	1-DH1	2441.00	-46.961	-19.257	Pass
NVNT	ANT1	1-DH1	2480.00	-45.365	-19.888	Pass
NVNT	ANT1	2-DH1	2402.00	-46.309	-18.490	Pass
NVNT	ANT1	2-DH1	2441.00	-46.351	-19.464	Pass
NVNT	ANT1	2-DH1	2480.00	-46.058	-21.063	Pass



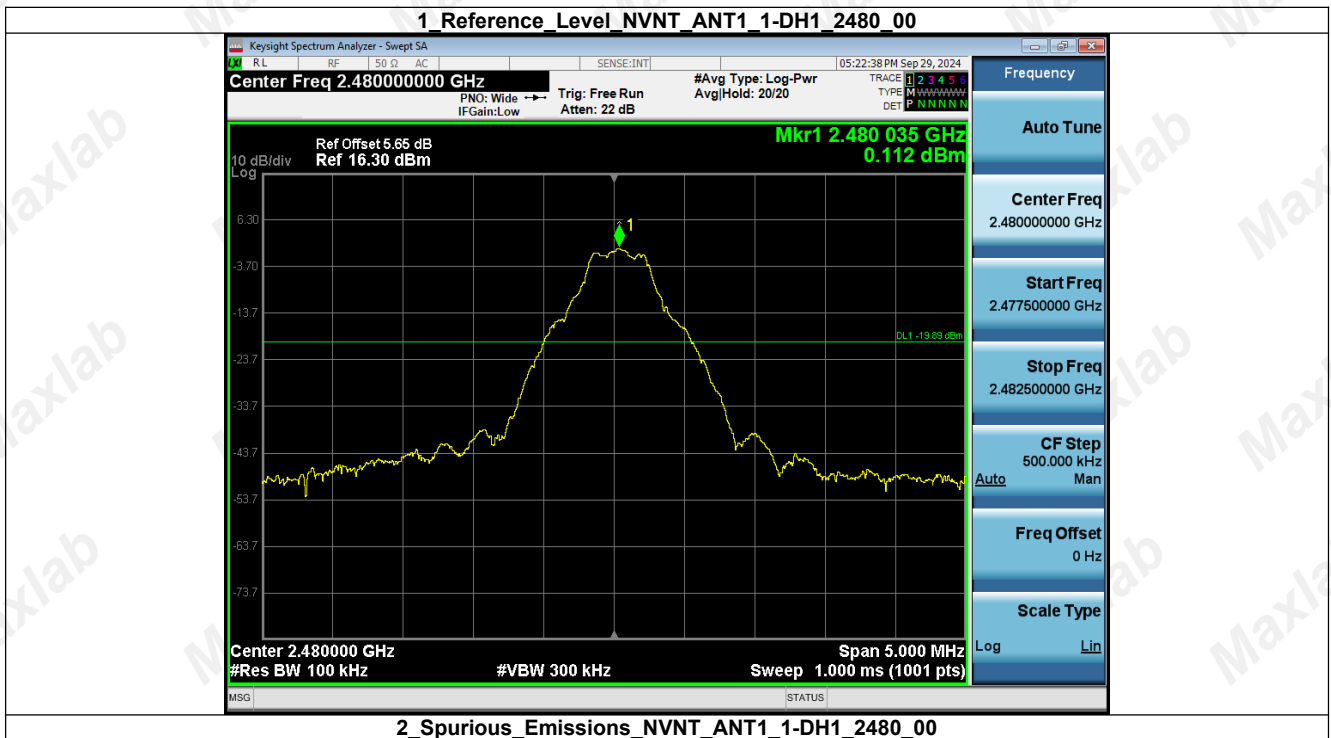
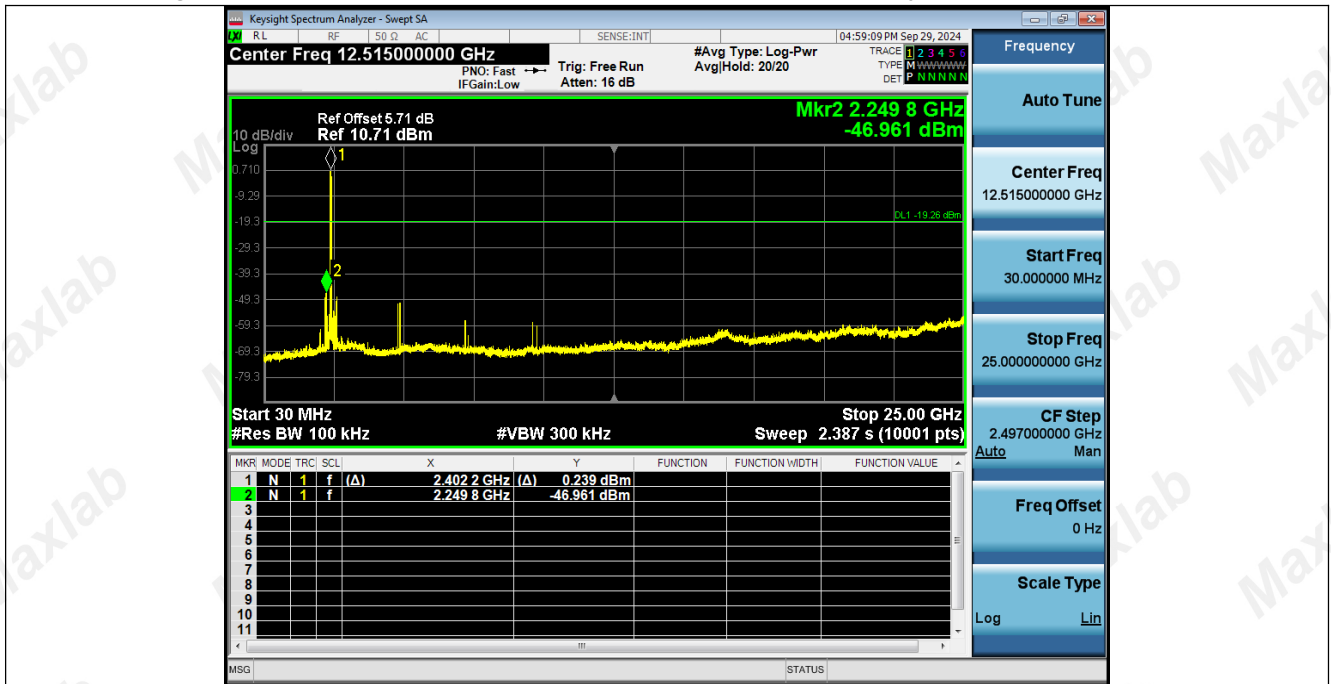


2 Spurious Emissions NVNT_ANT1_1-DH1_2441_00



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

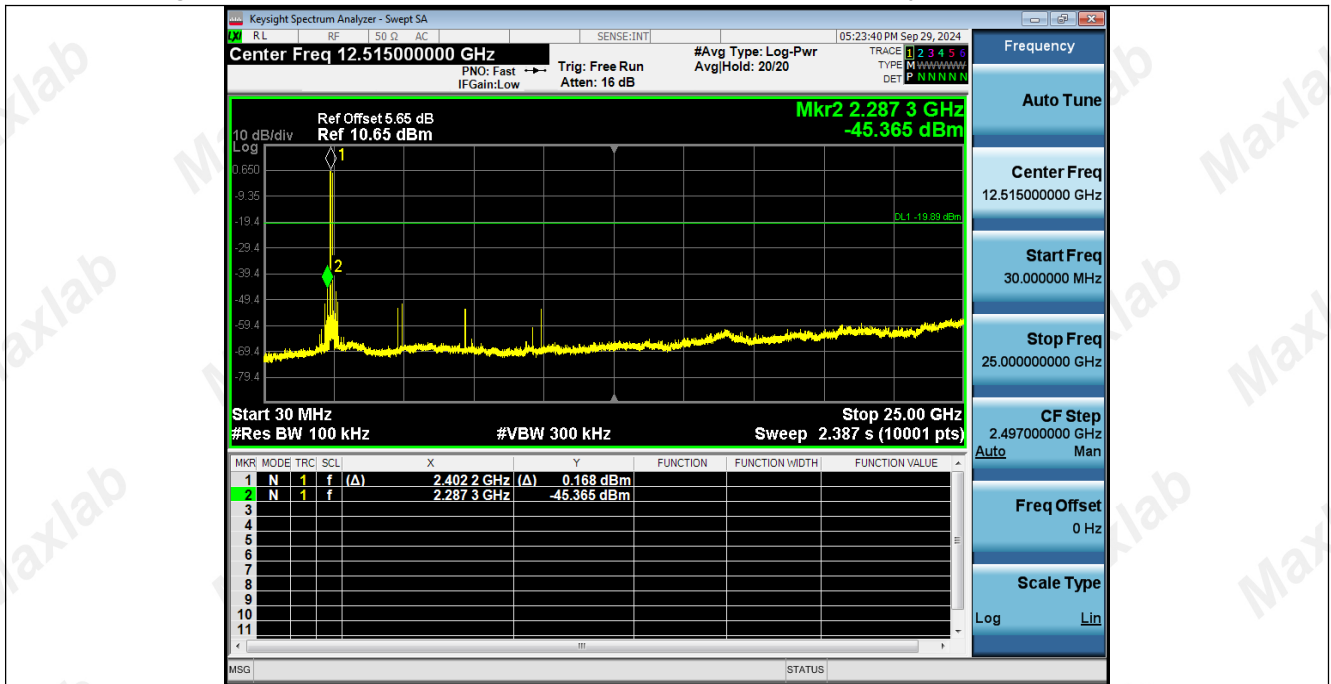


2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



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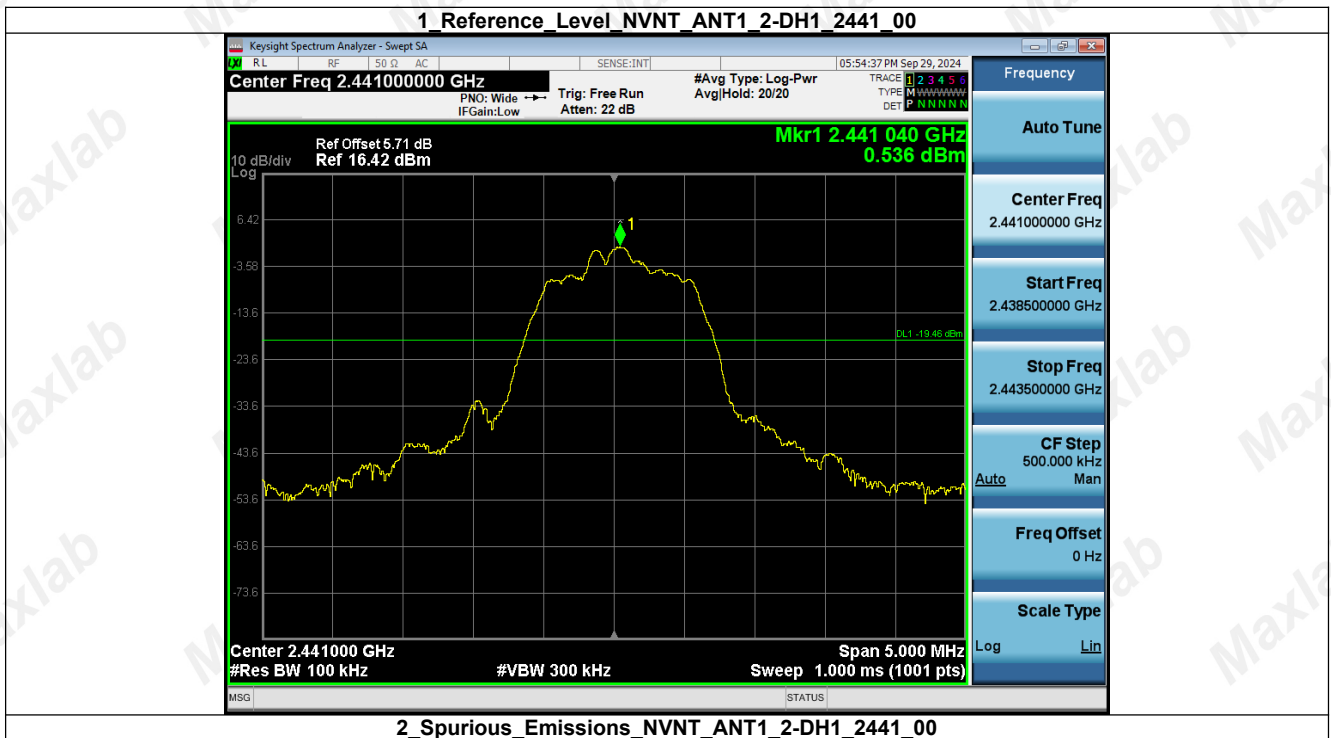
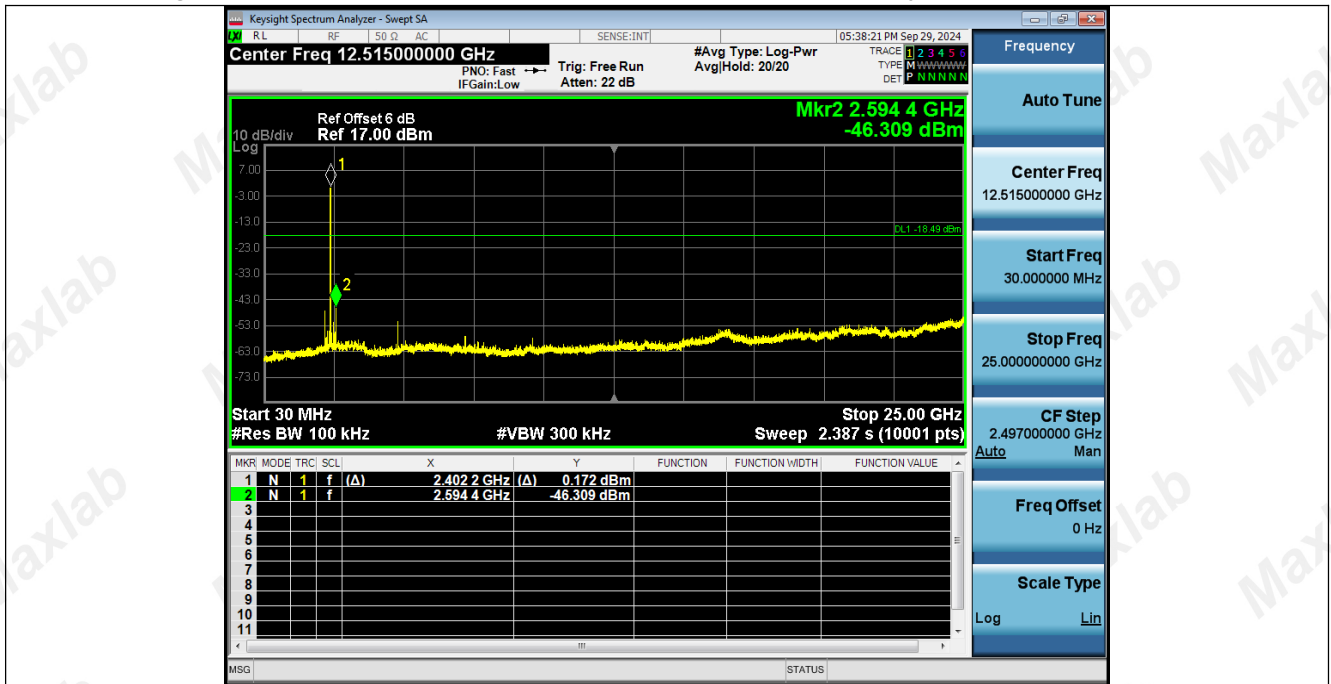
Report No.: MAX240925110P01-R01



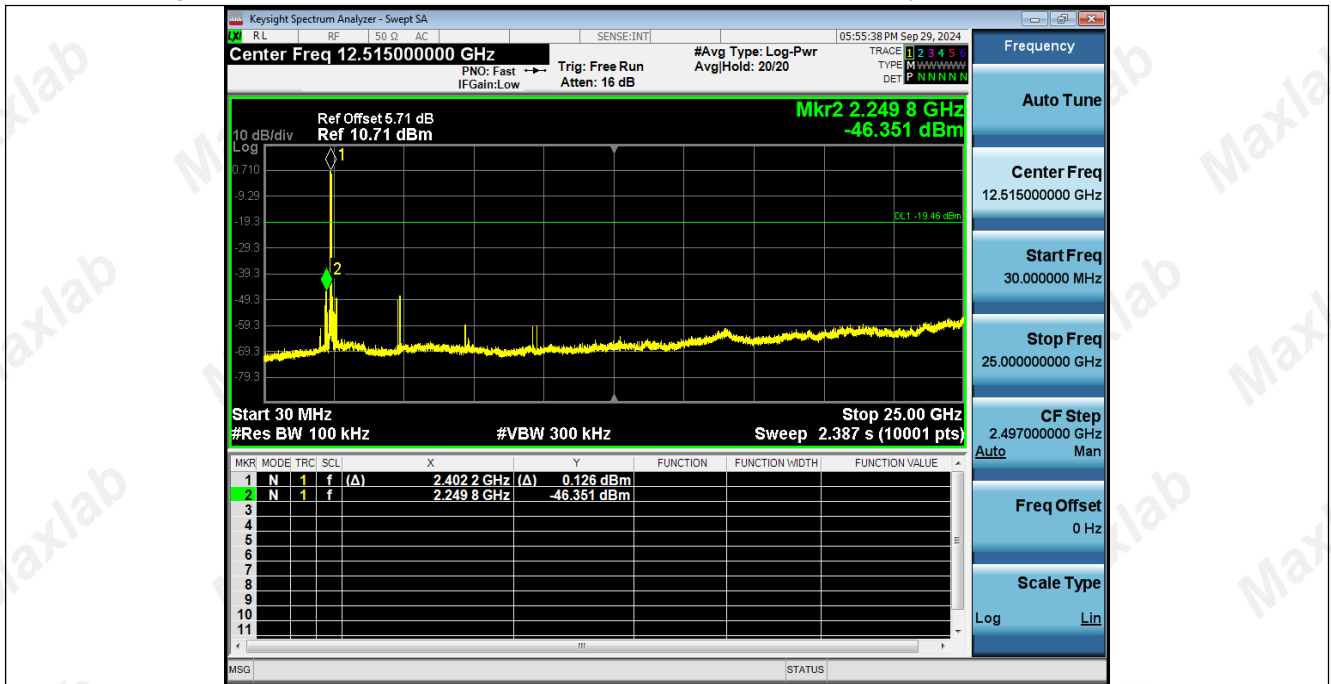
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2 Spurious Emissions NVNT_ANT1_2-DH1_2402_00



2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00

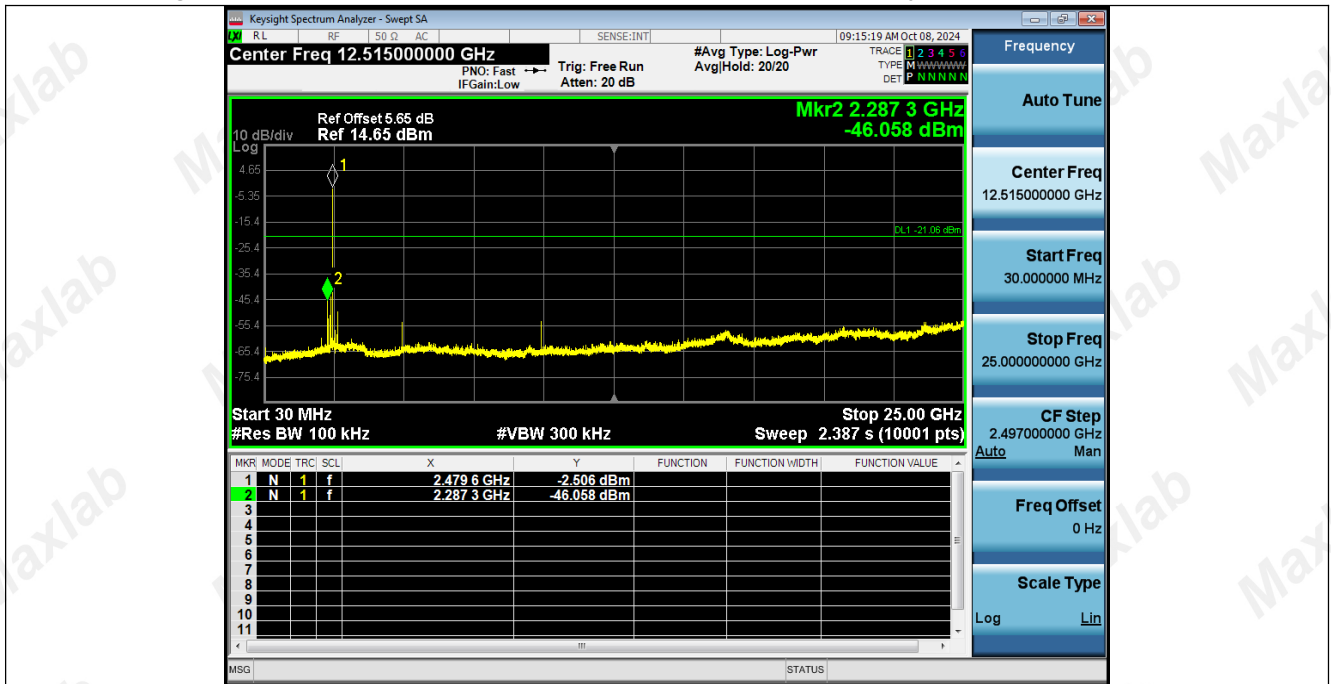


2 Spurious Emissions NVNT_ANT1_2-DH1_2480_00



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01





MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

6. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-45.567	-18.442	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-45.224	-18.332	Pass
NVNT	ANT1	1-DH1	2480.00	-52.067	-19.888	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-51.461	-18.703	Pass
NVNT	ANT1	2-DH1	2402.00	-46.378	-18.490	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-45.650	-18.330	Pass
NVNT	ANT1	2-DH1	2480.00	-60.557	-21.063	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-54.076	-20.278	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00

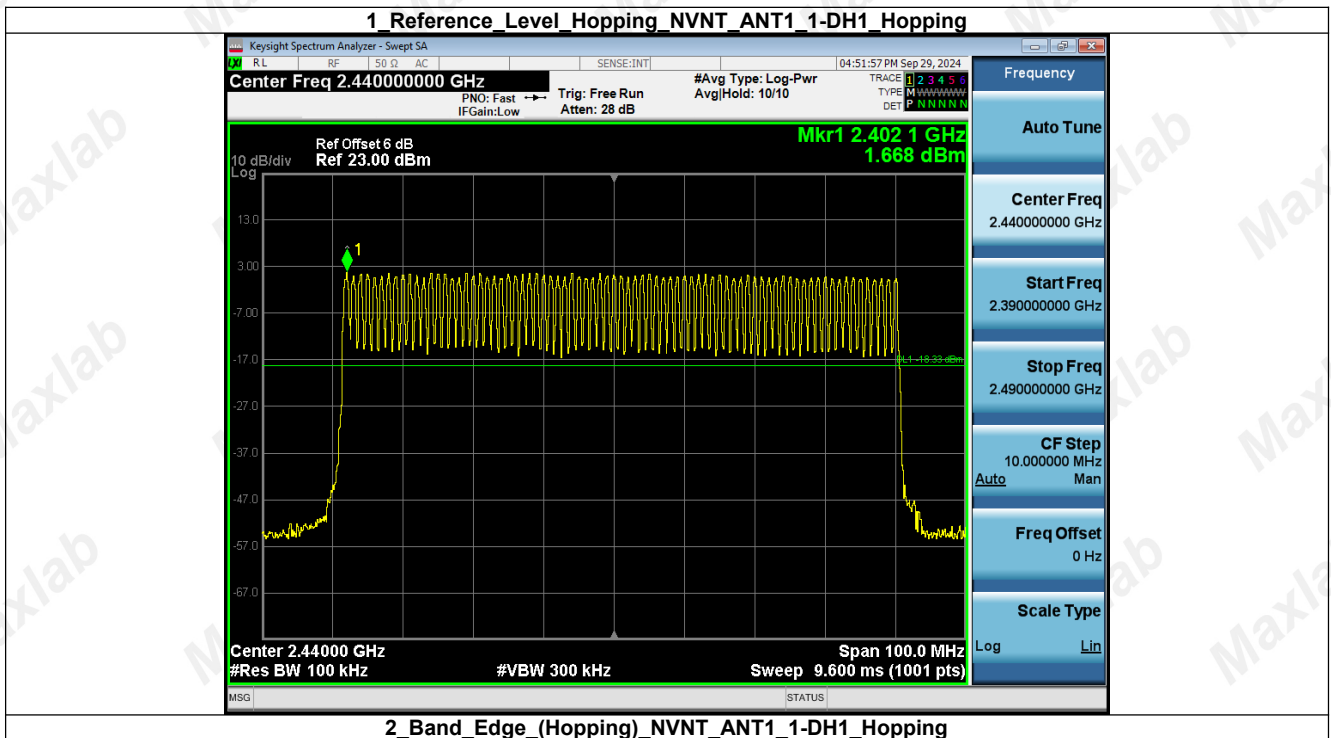
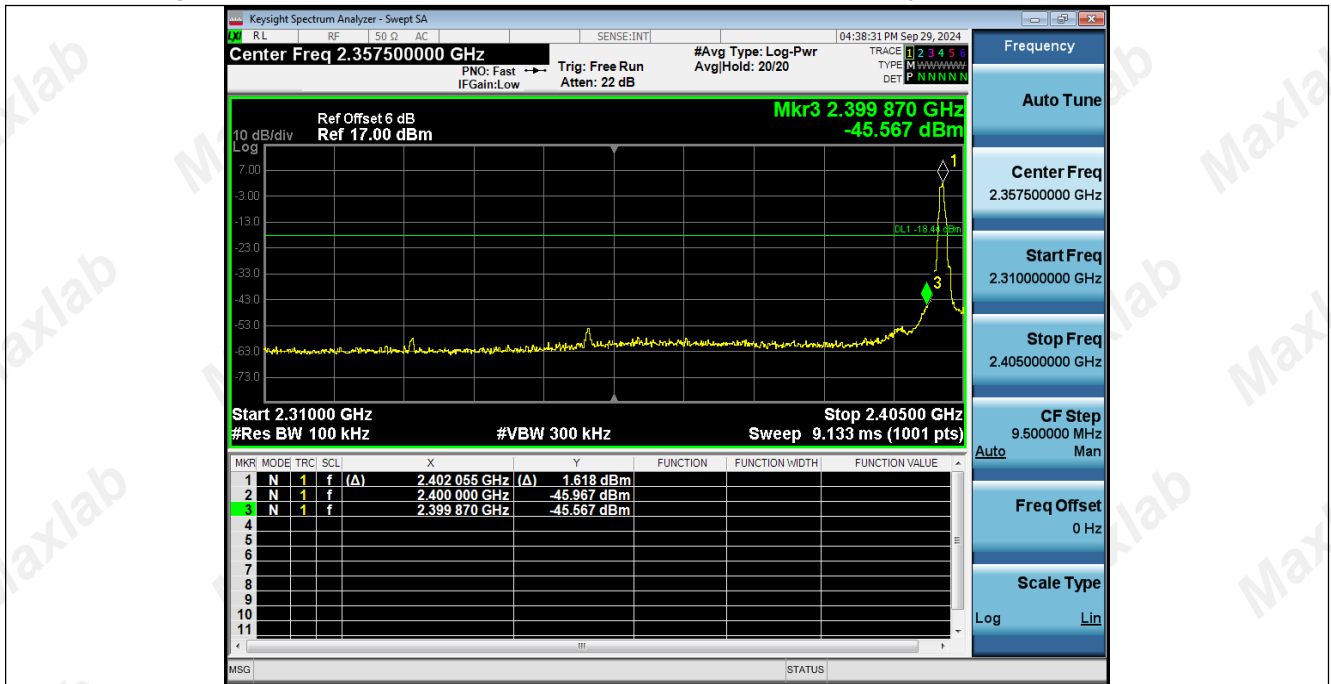


2_Bandedge_NVNT_ANT1_1-DH1_2402_00

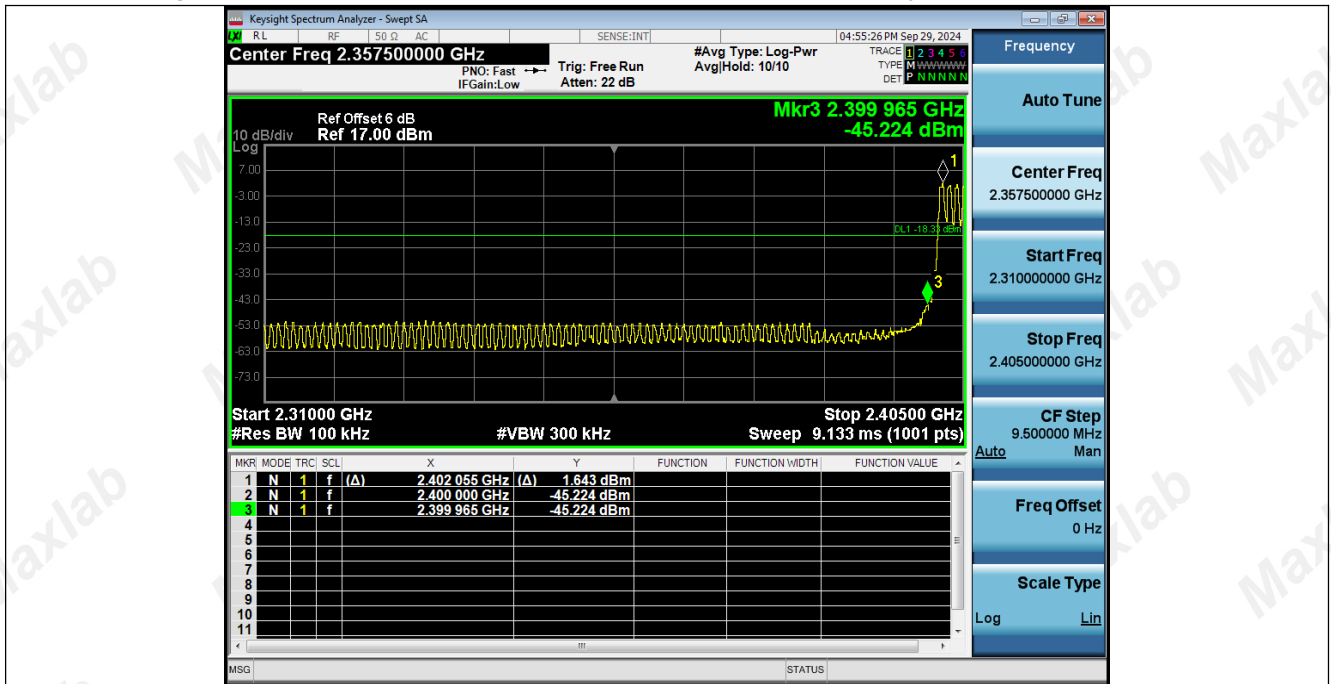


MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



2 Bandedge_NVNT_ANT1_1-DH1_2480_00

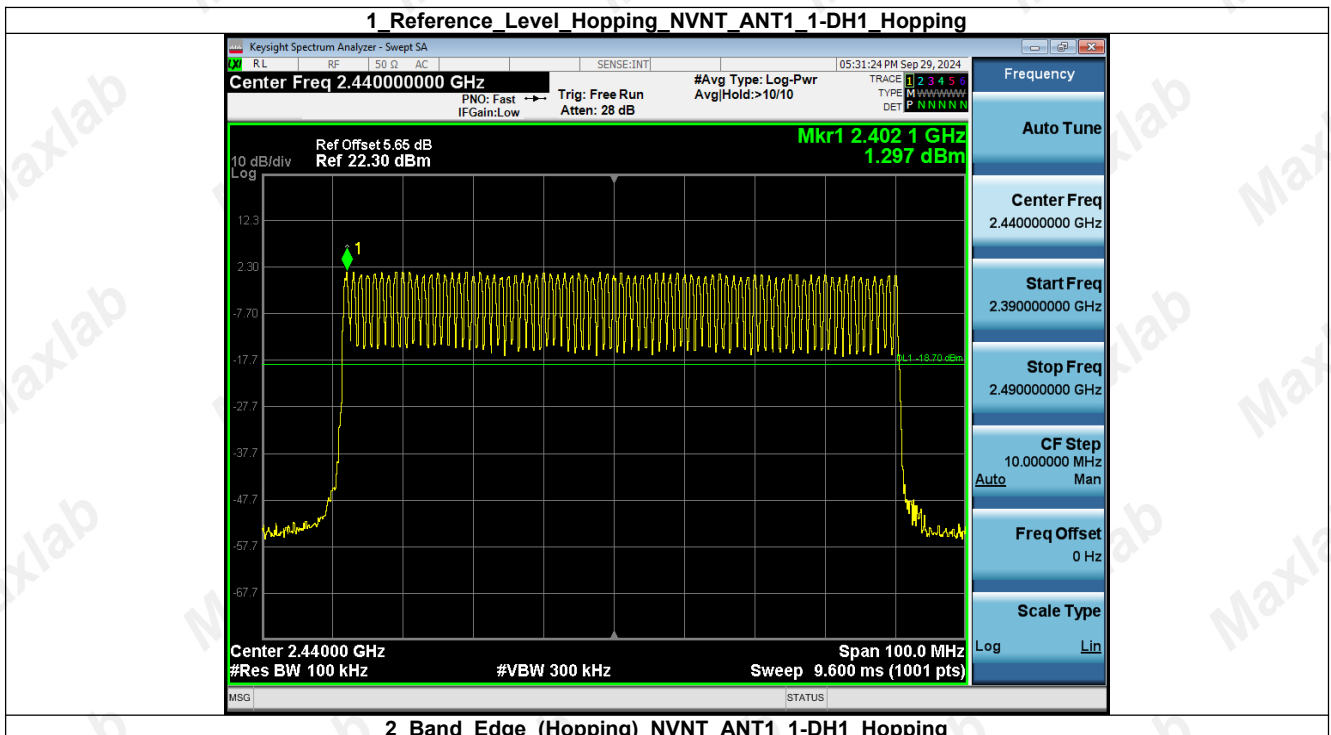


MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping

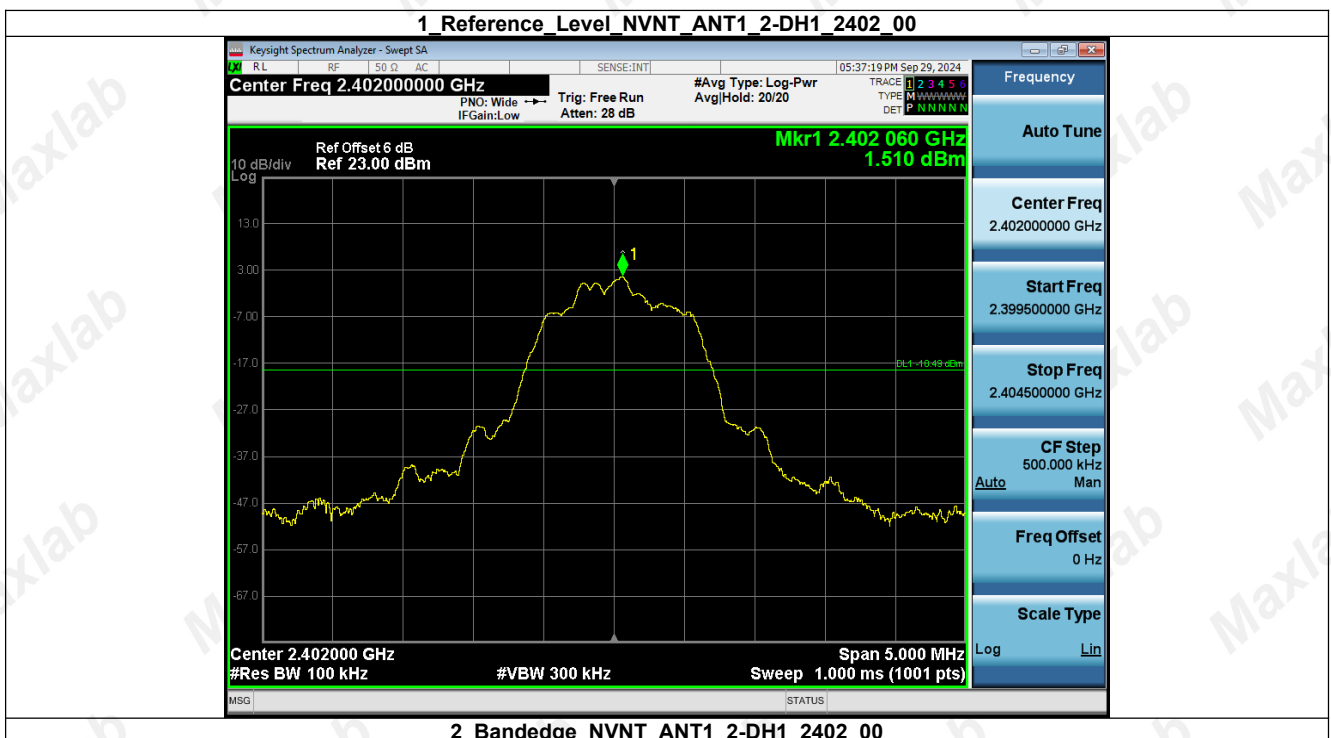
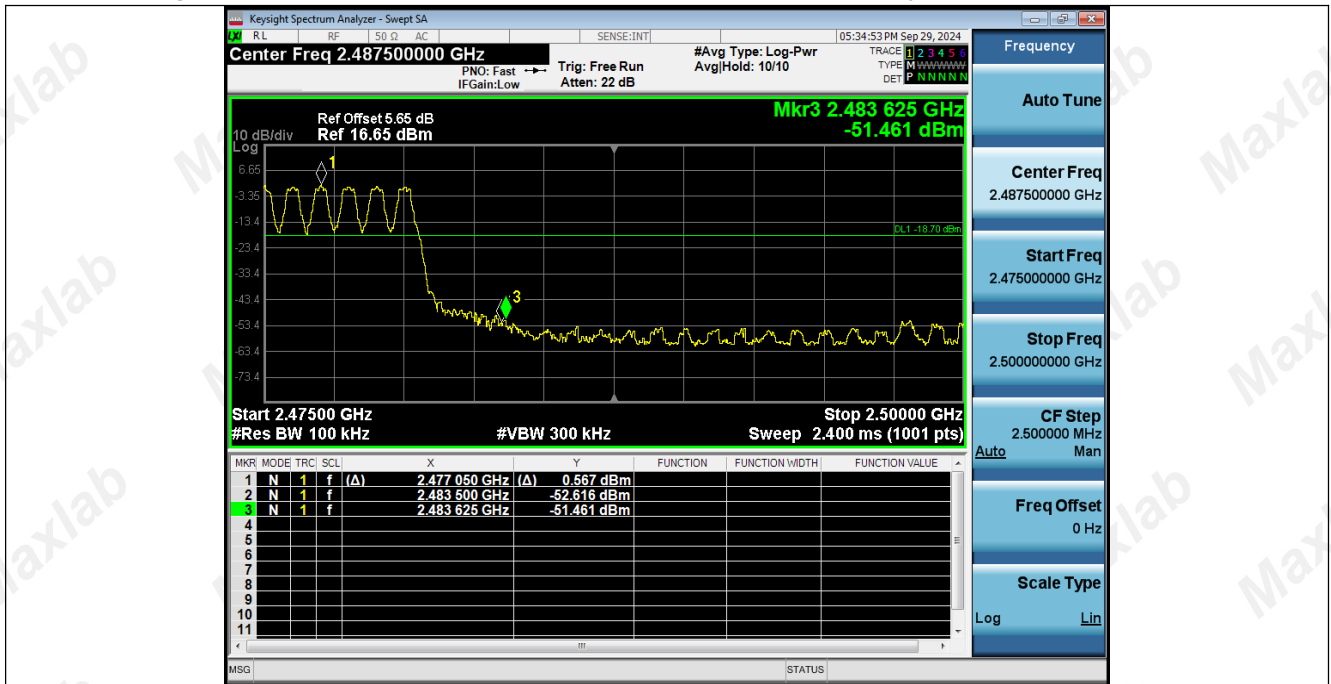


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

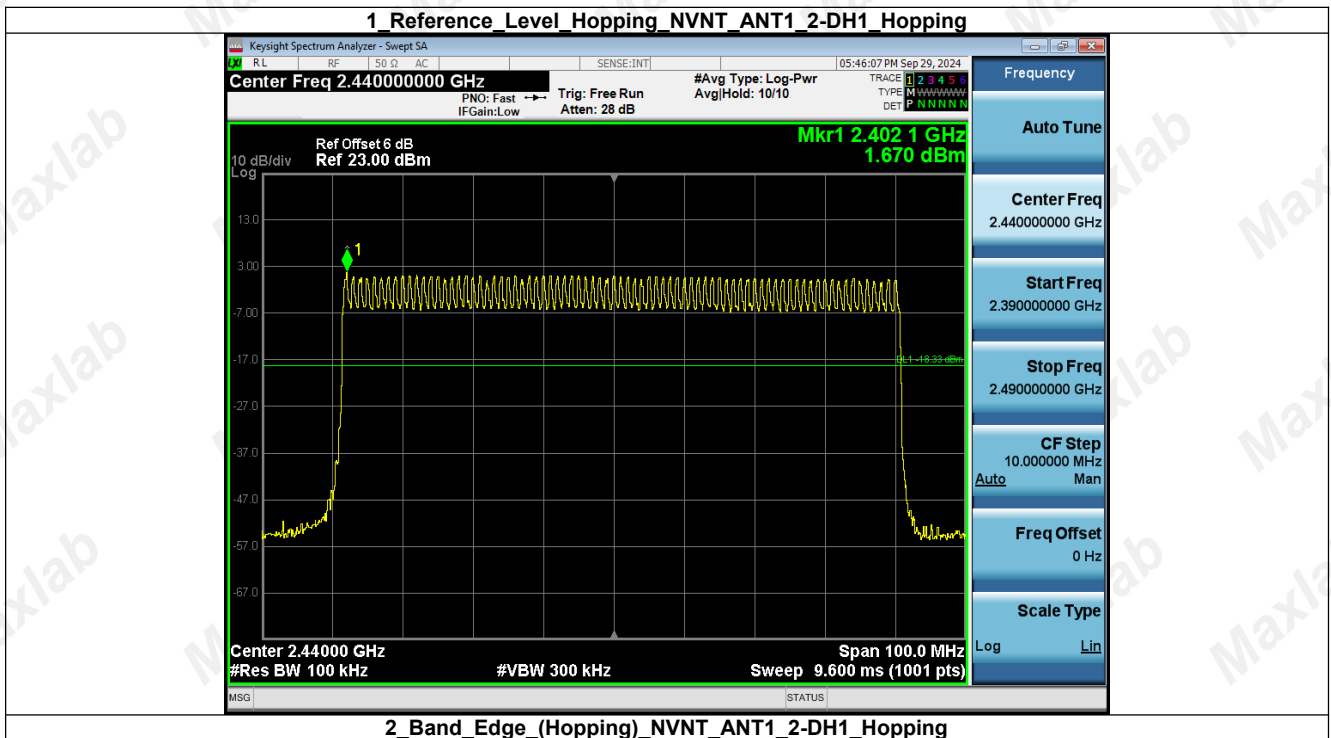
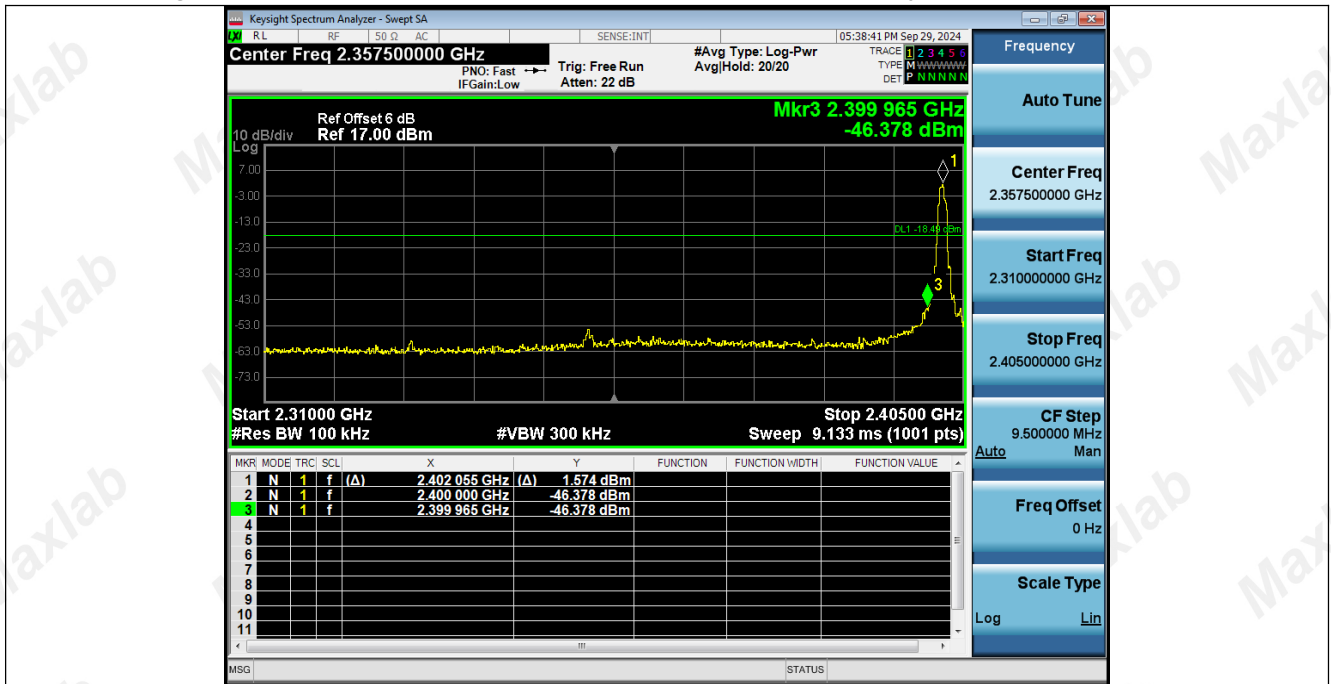


2_Bandedge_NVNT_ANT1_2-DH1_2402_00



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

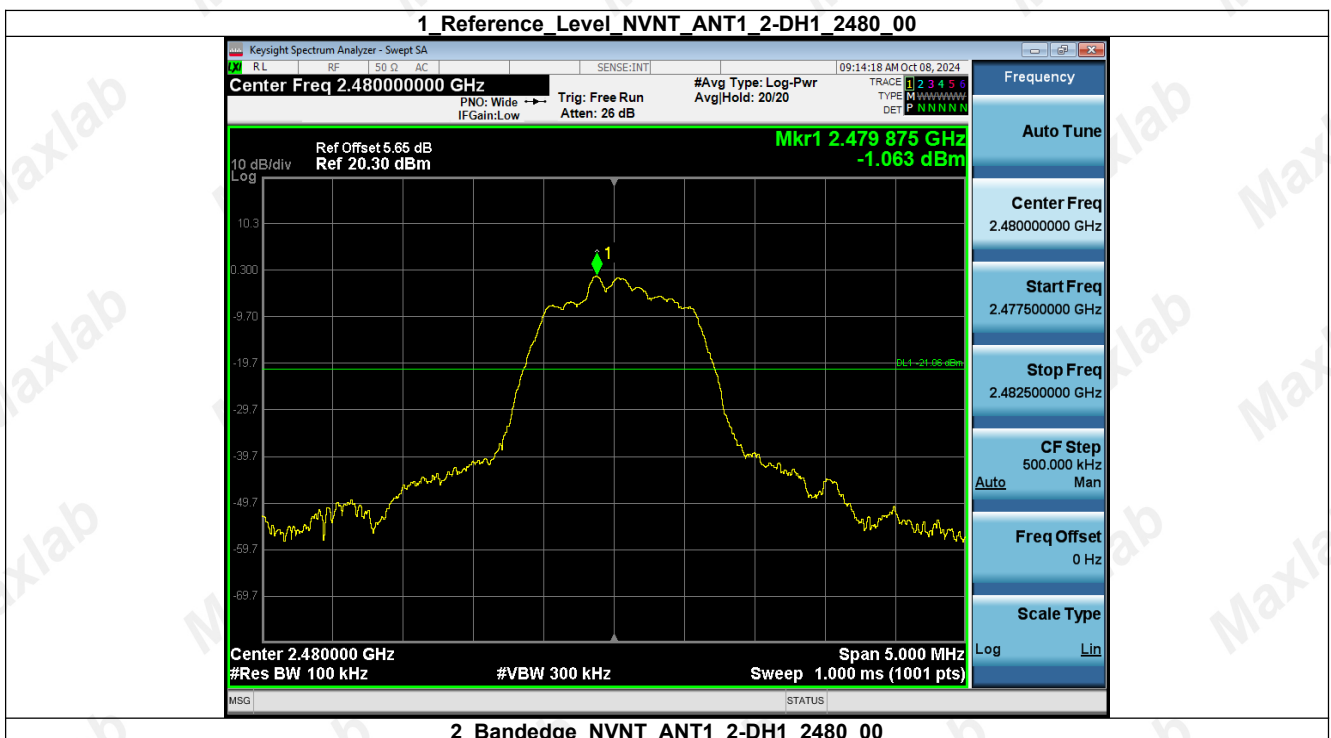
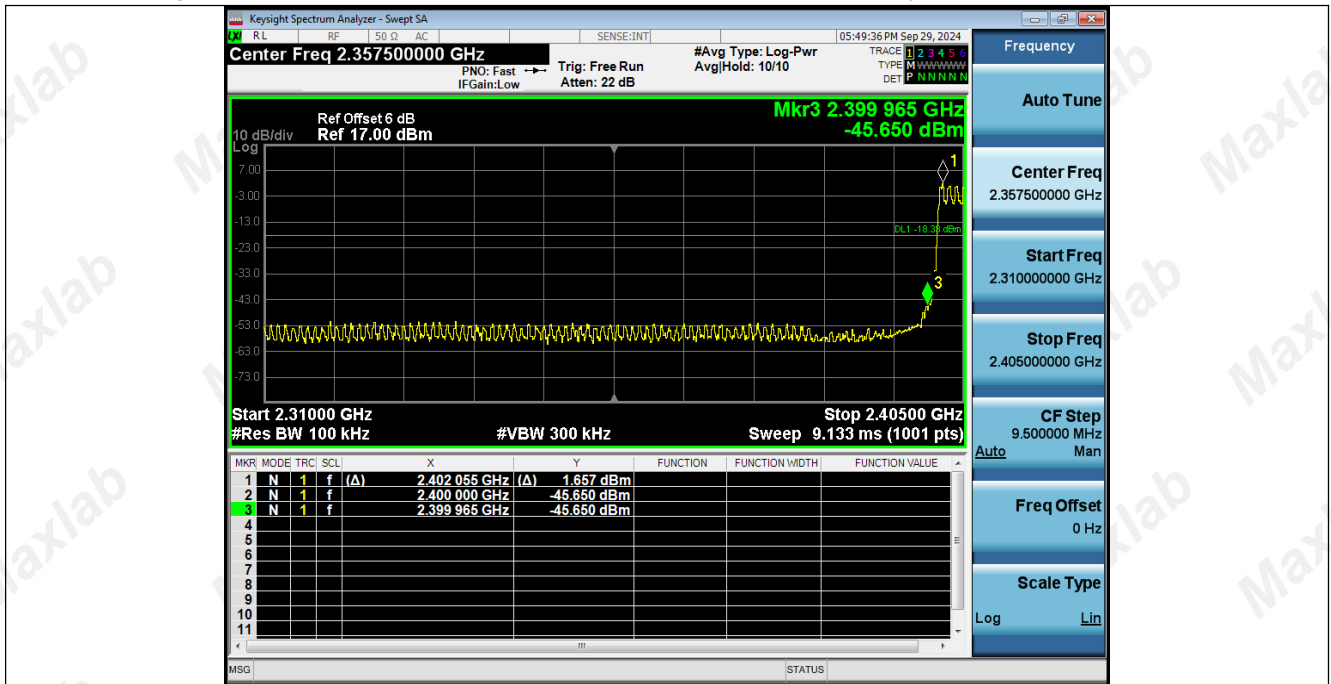


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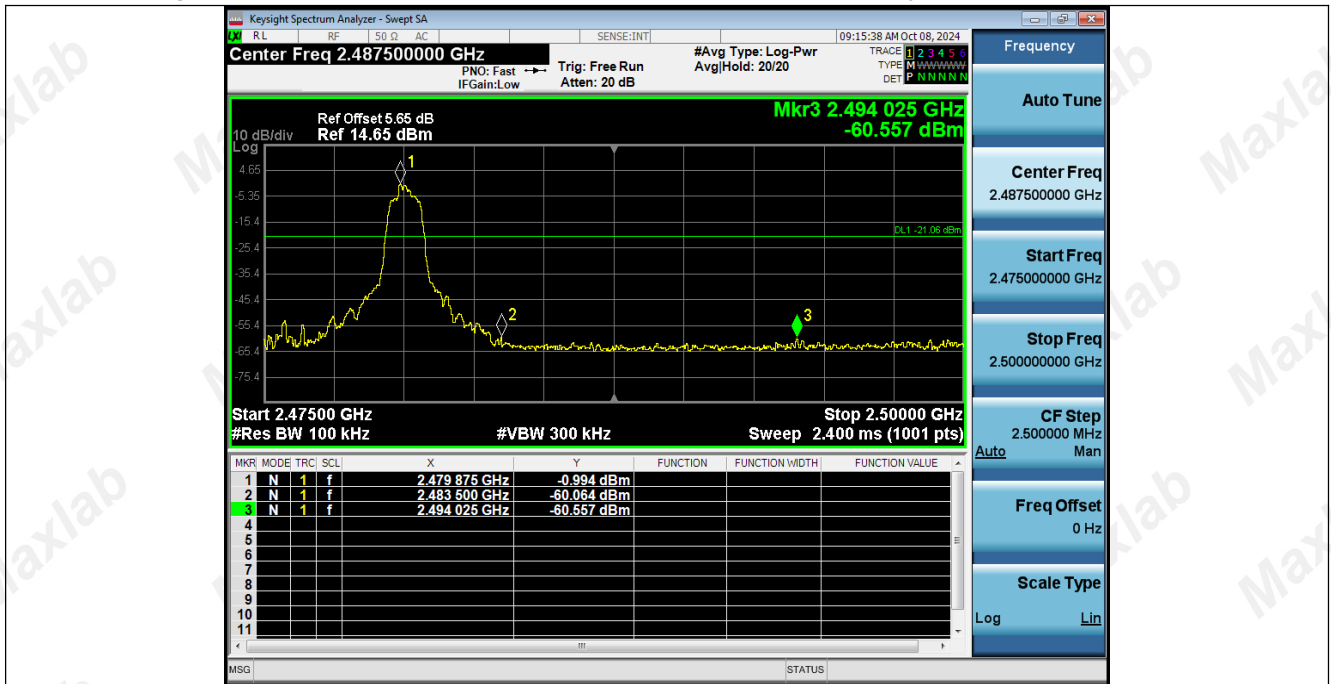


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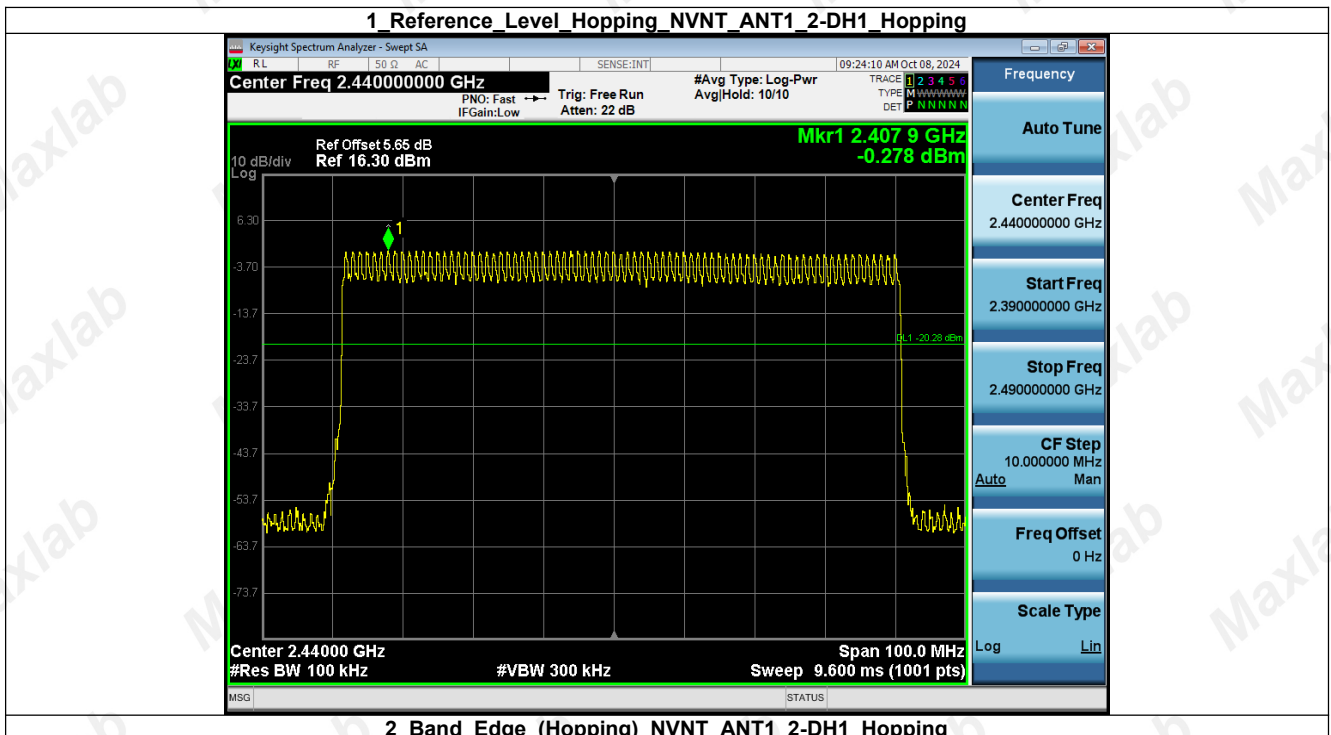
Report No.: MAX240925110P01-R01



2 Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

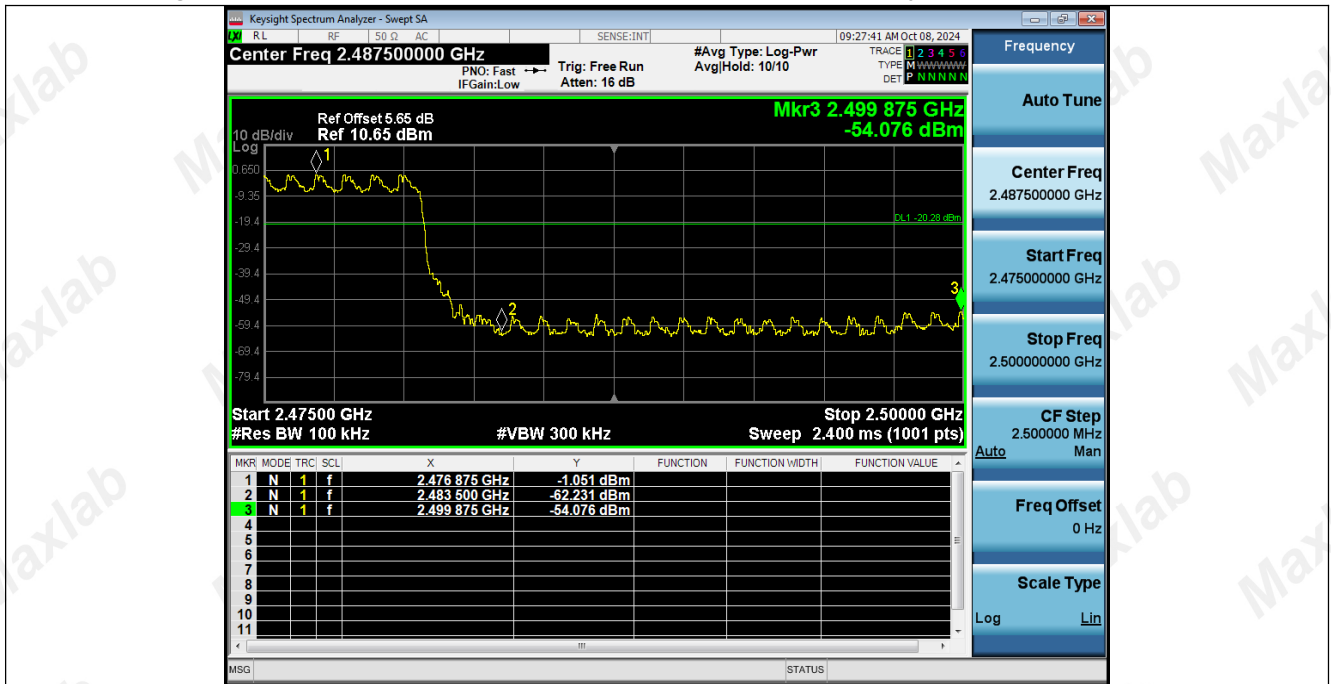


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



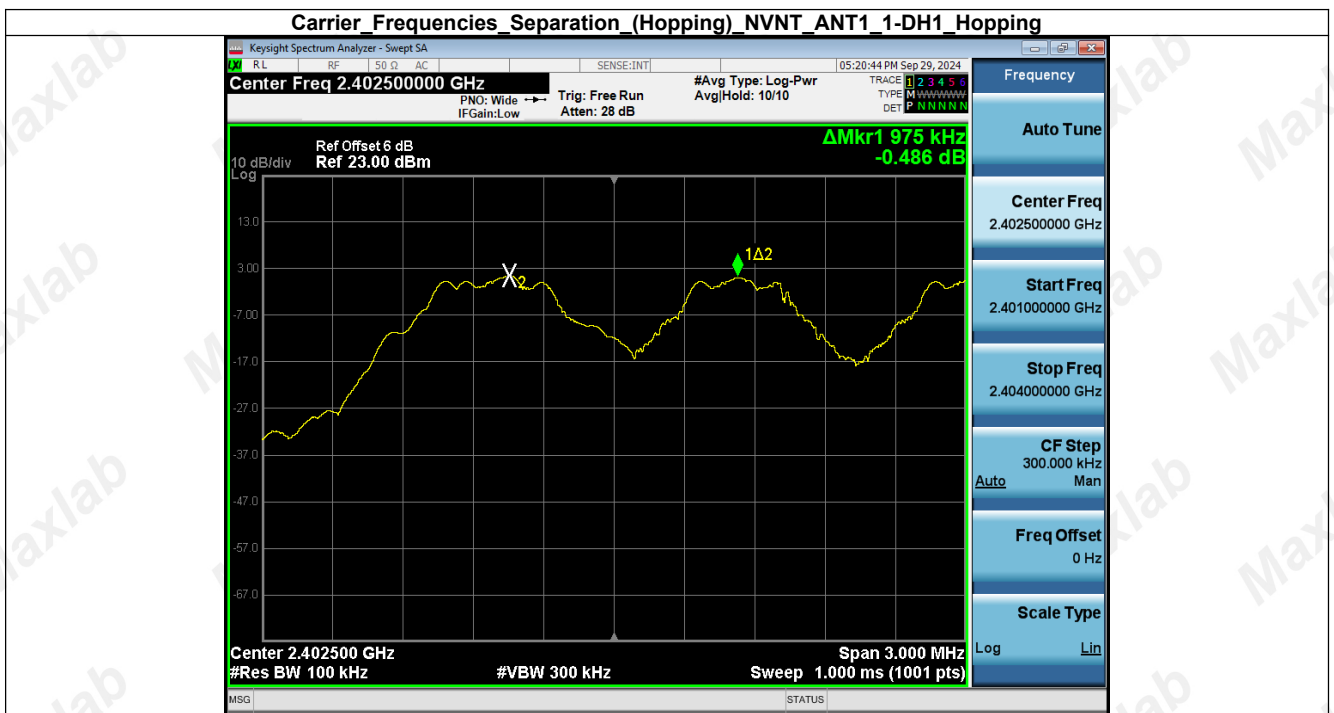
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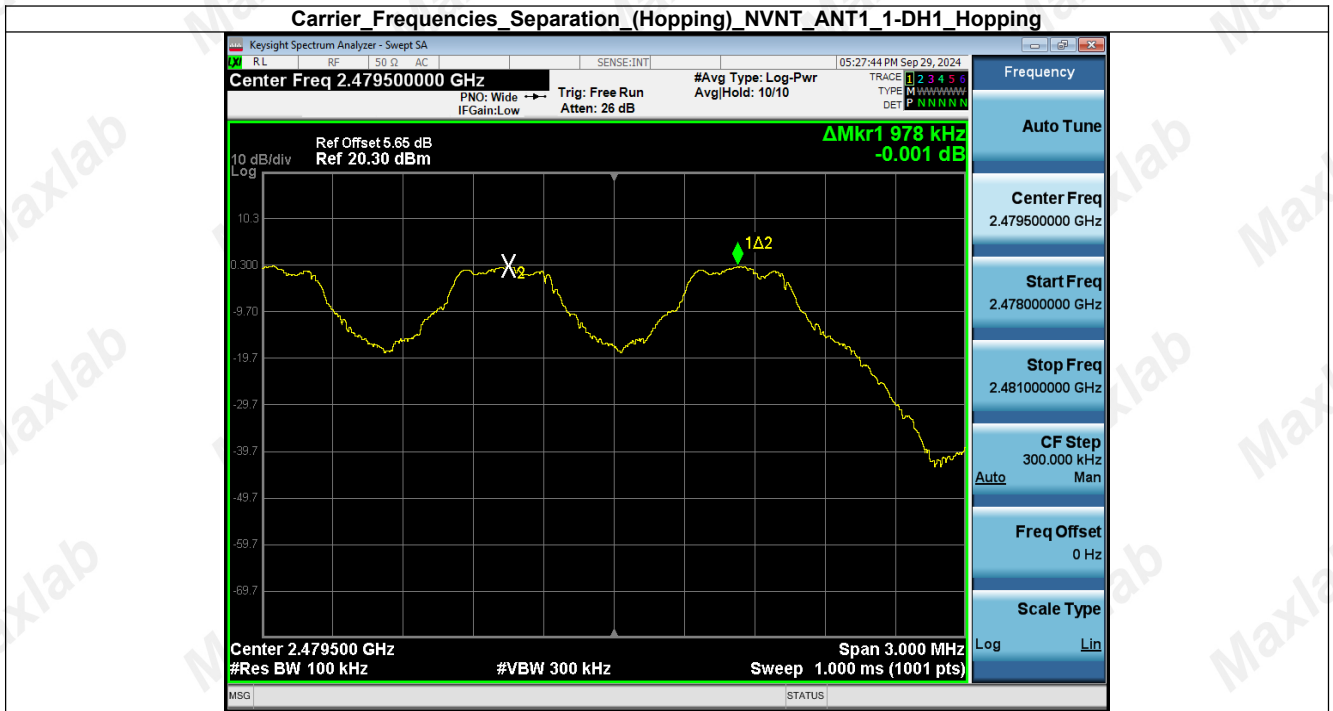
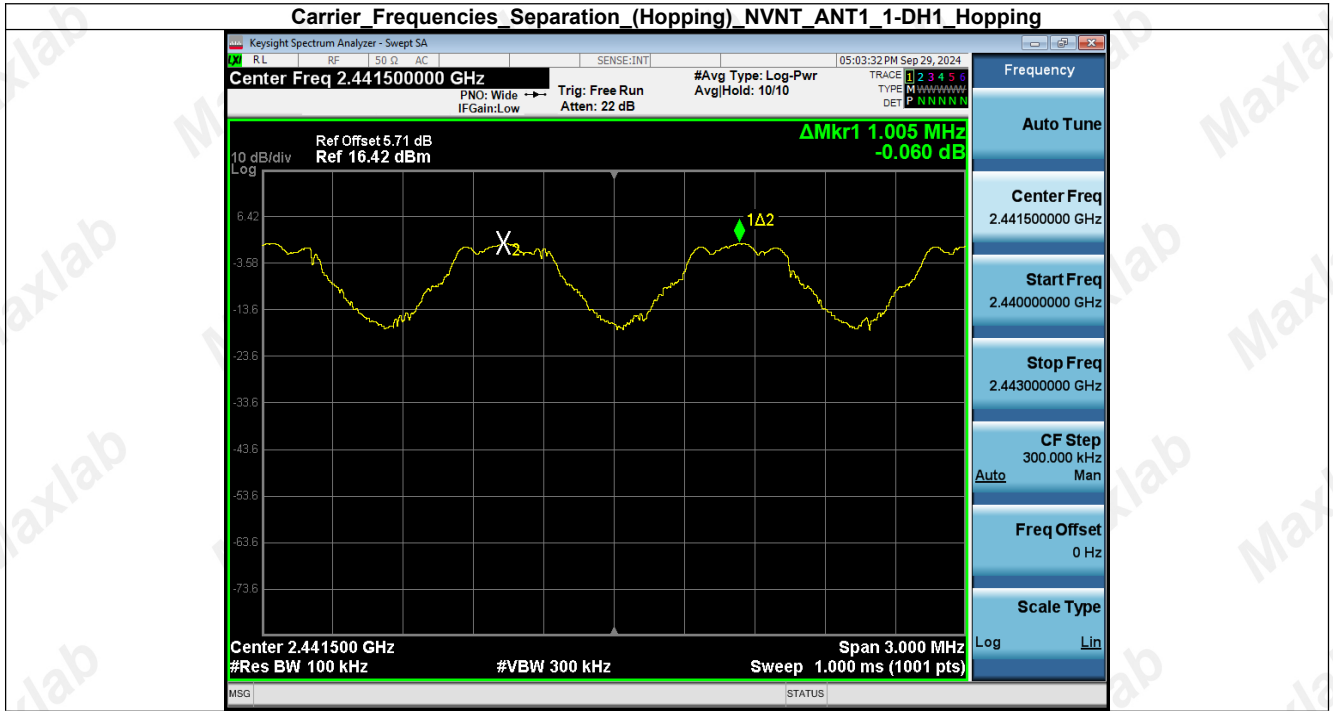
Report No.: MAX240925110P01-R01

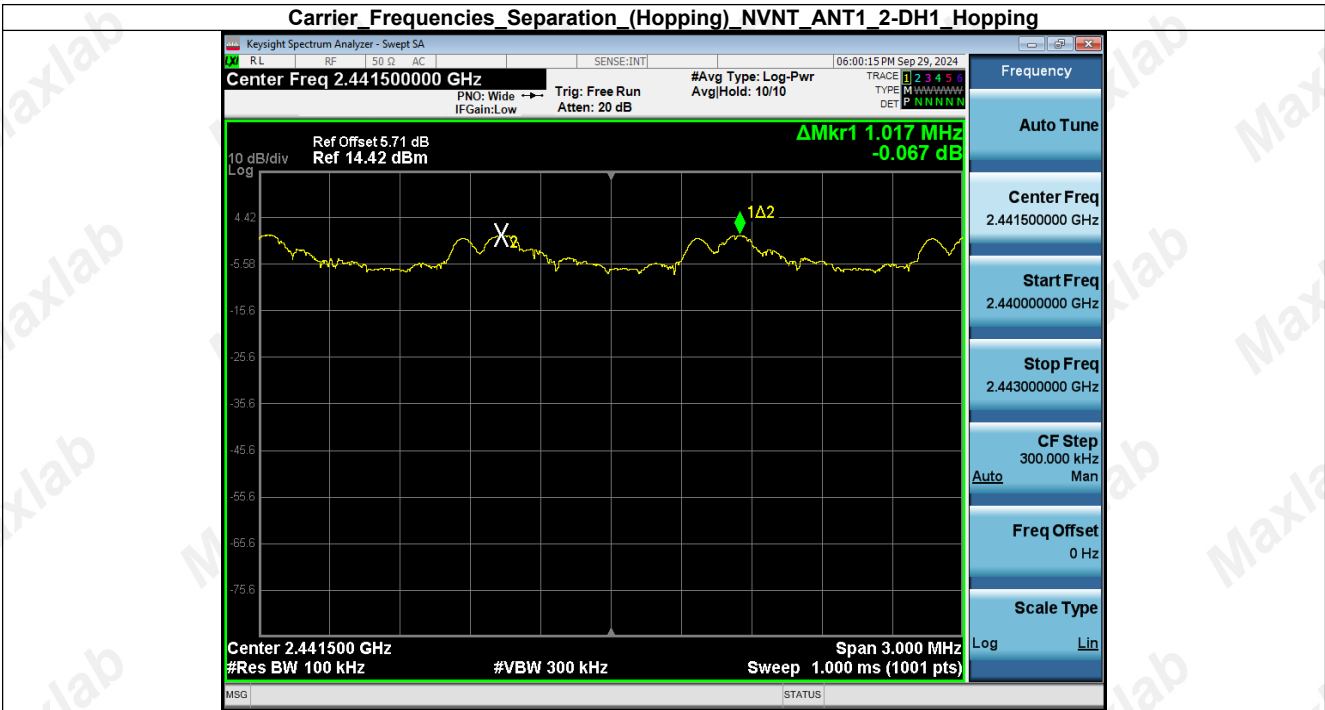
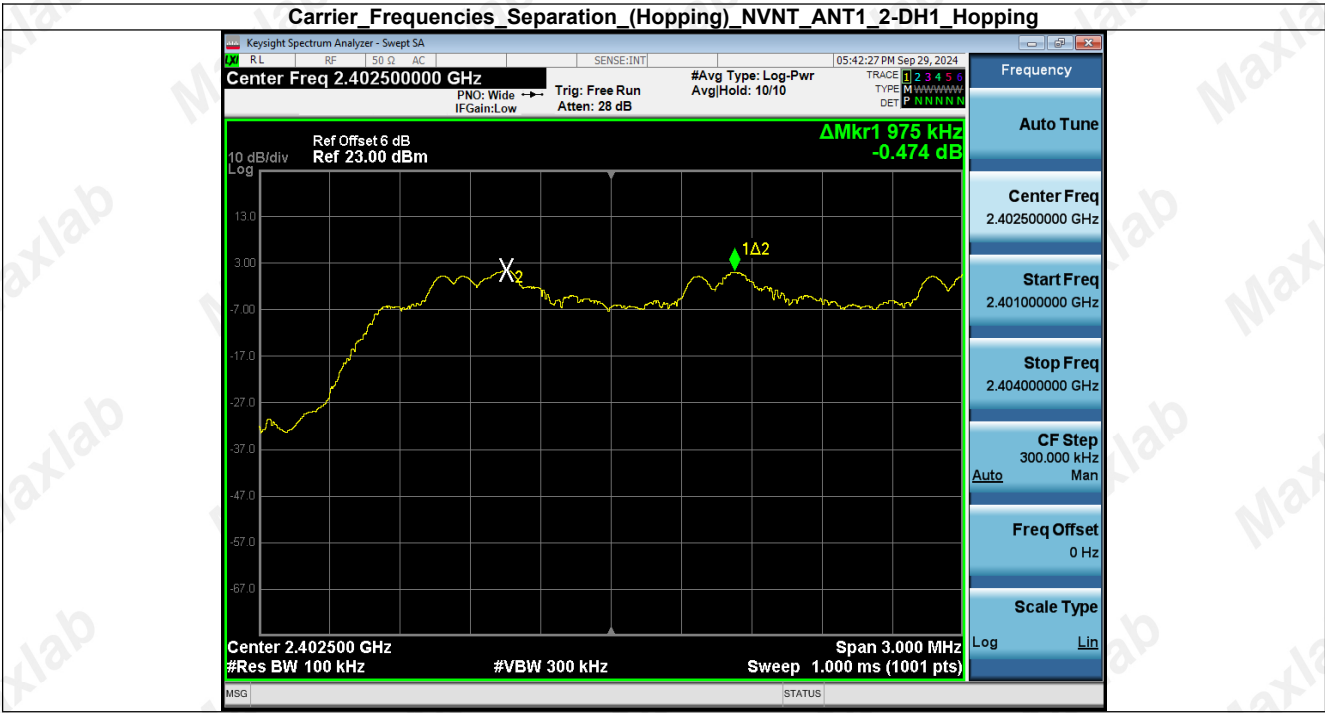


7. Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2402.053	2403.028	0.97	0.711	Pass
NVNT	ANT1	1-DH1	2441.00	2441.029	2442.034	1.00	0.920	Pass
NVNT	ANT1	1-DH1	2480.00	2479.050	2480.028	0.98	0.926	Pass
NVNT	ANT1	2-DH1	2402.00	2402.053	2403.028	0.97	0.845	Pass
NVNT	ANT1	2-DH1	2441.00	2441.032	2442.049	1.02	0.852	Pass
NVNT	ANT1	2-DH1	2480.00	2478.873	2479.875	1.00	0.849	Pass





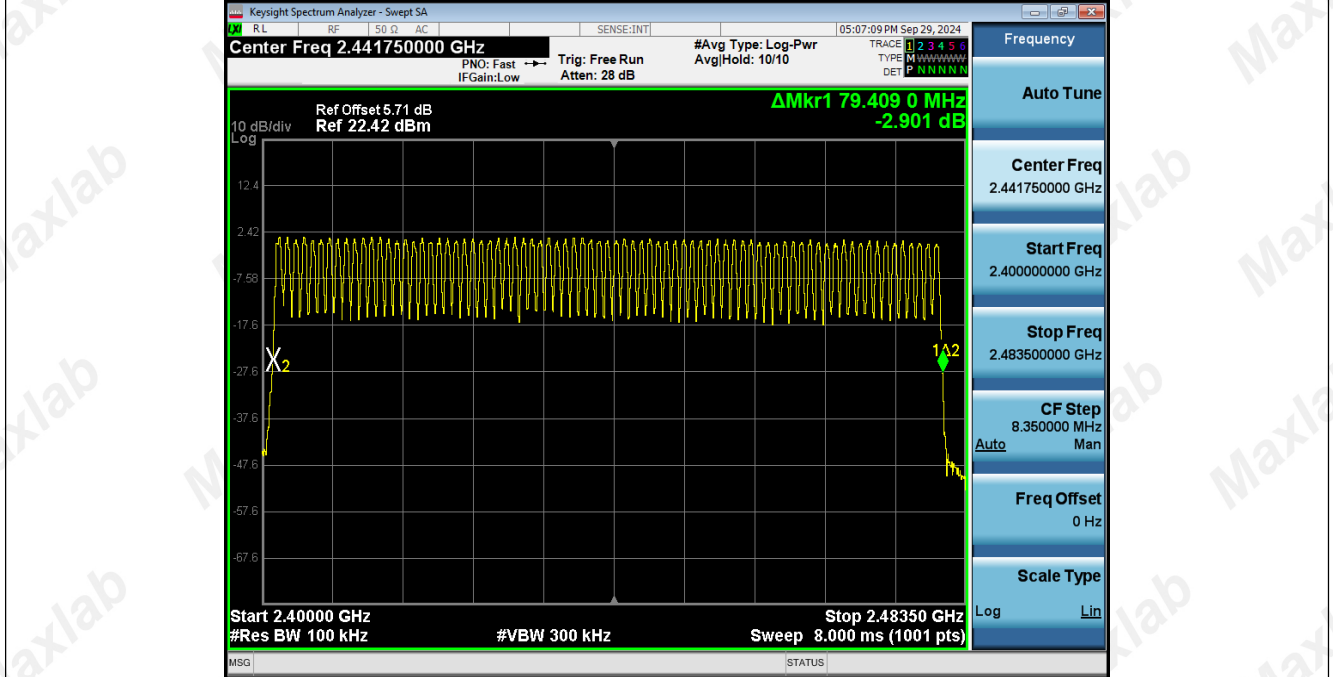




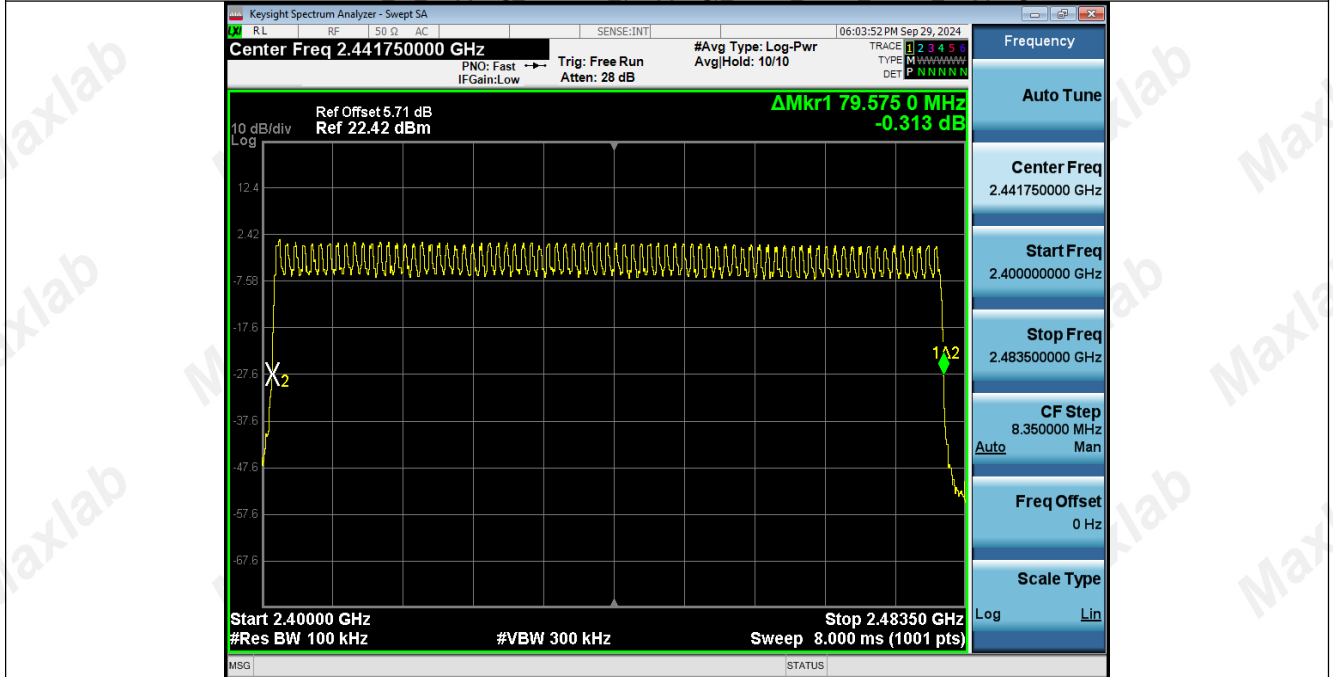
8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass

Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_1-DH1_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_2-DH1_Hopping



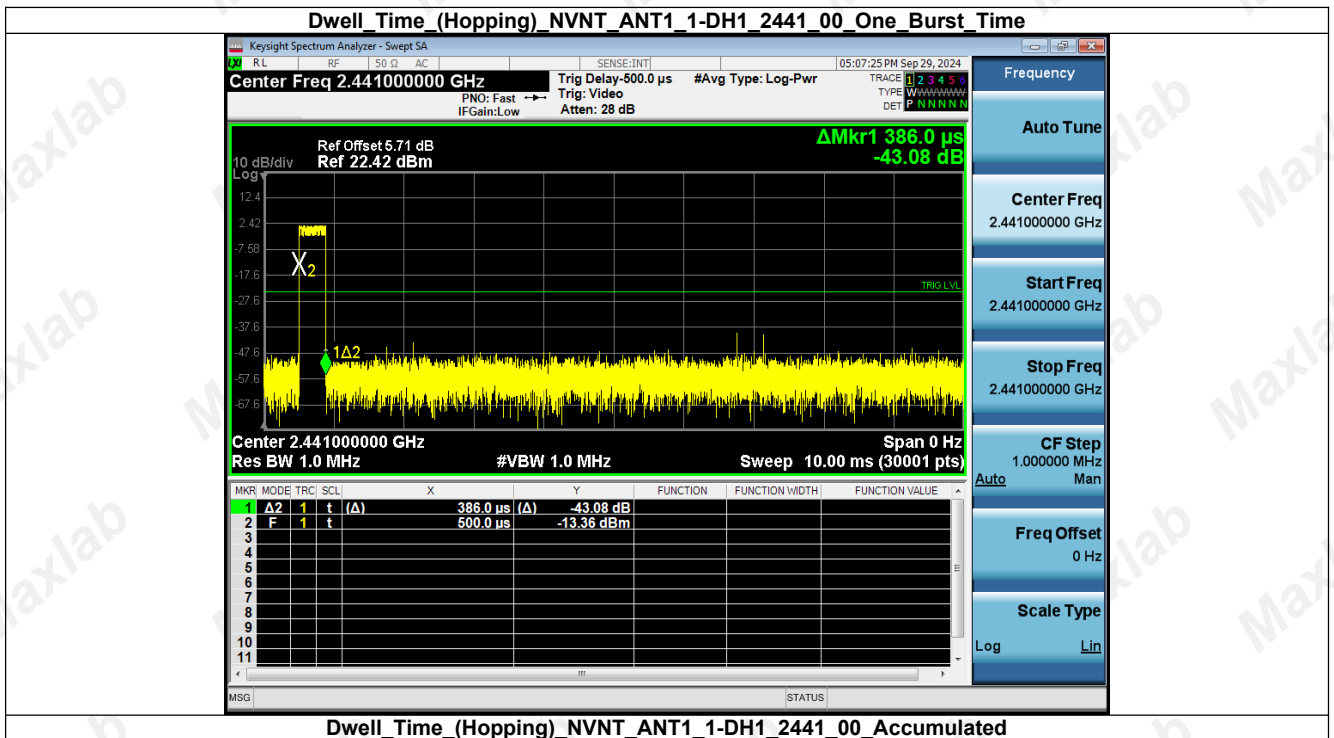


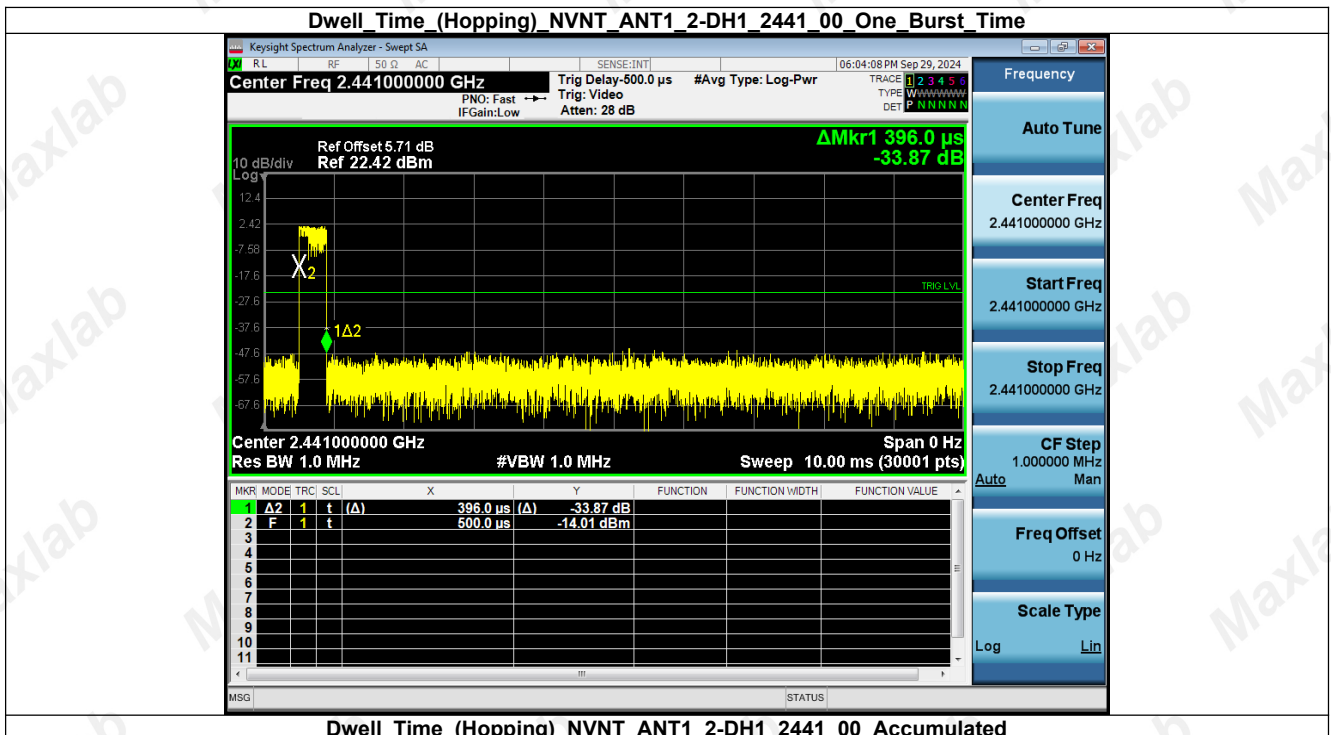
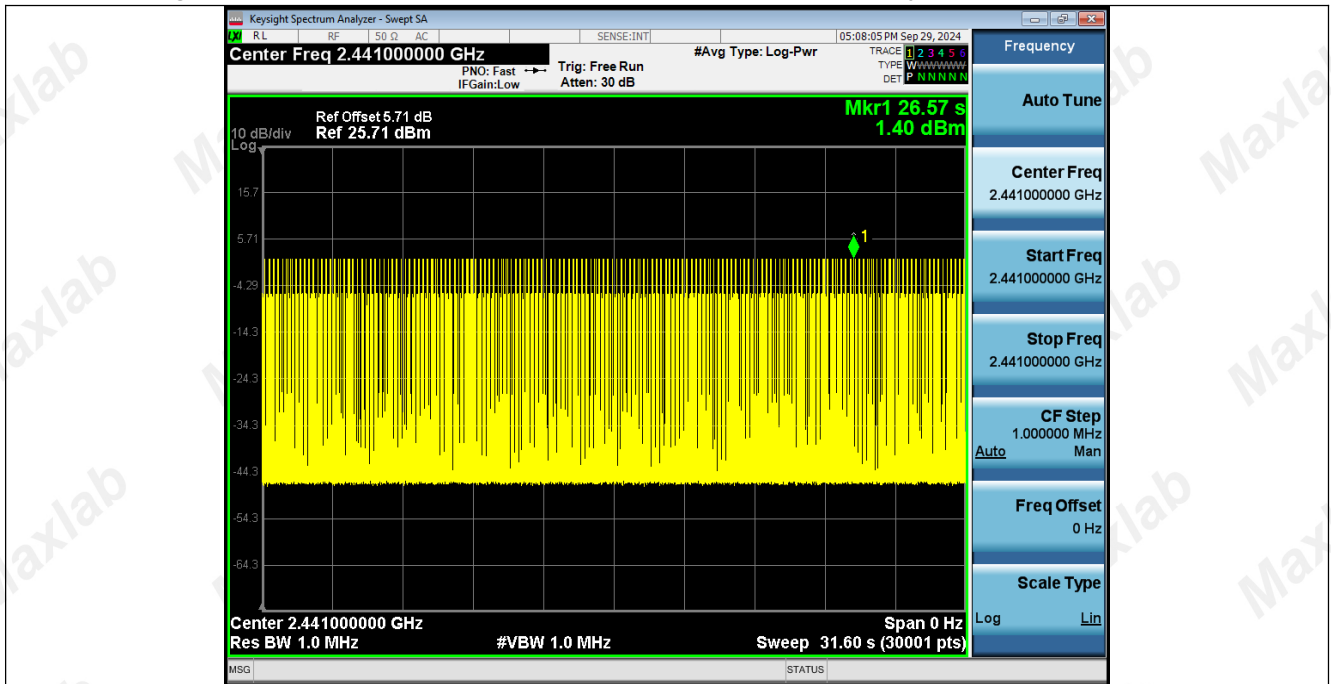
MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

9. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.386	320.00	123.520	0.40	Pass
NVNT	ANT1	2-DH1	0.396	320.00	126.720	0.40	Pass
NVNT	ANT1	1-DH3	1.640	158.00	259.120	0.40	Pass
NVNT	ANT1	1-DH5	2.888	99.00	285.912	0.40	Pass
NVNT	ANT1	2-DH3	1.645	156.00	256.620	0.40	Pass
NVNT	ANT1	2-DH5	2.893	90.00	260.370	0.40	Pass



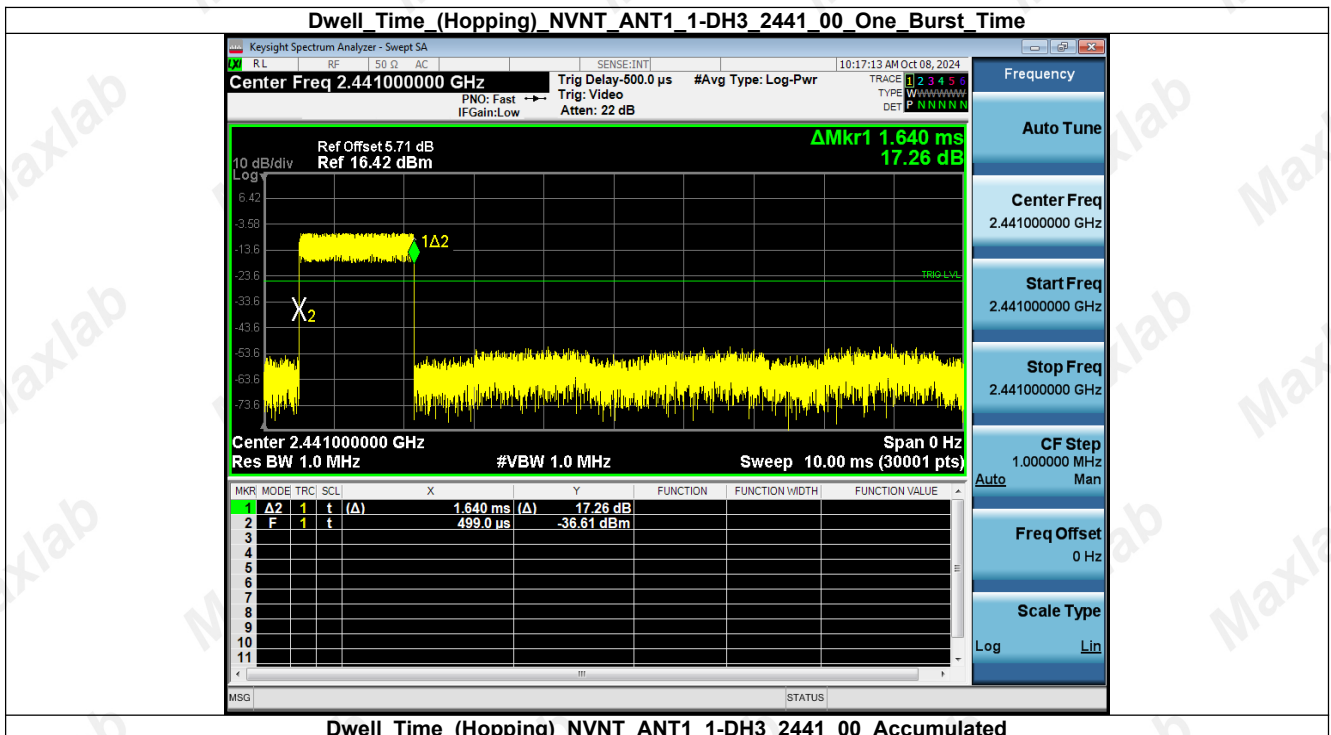
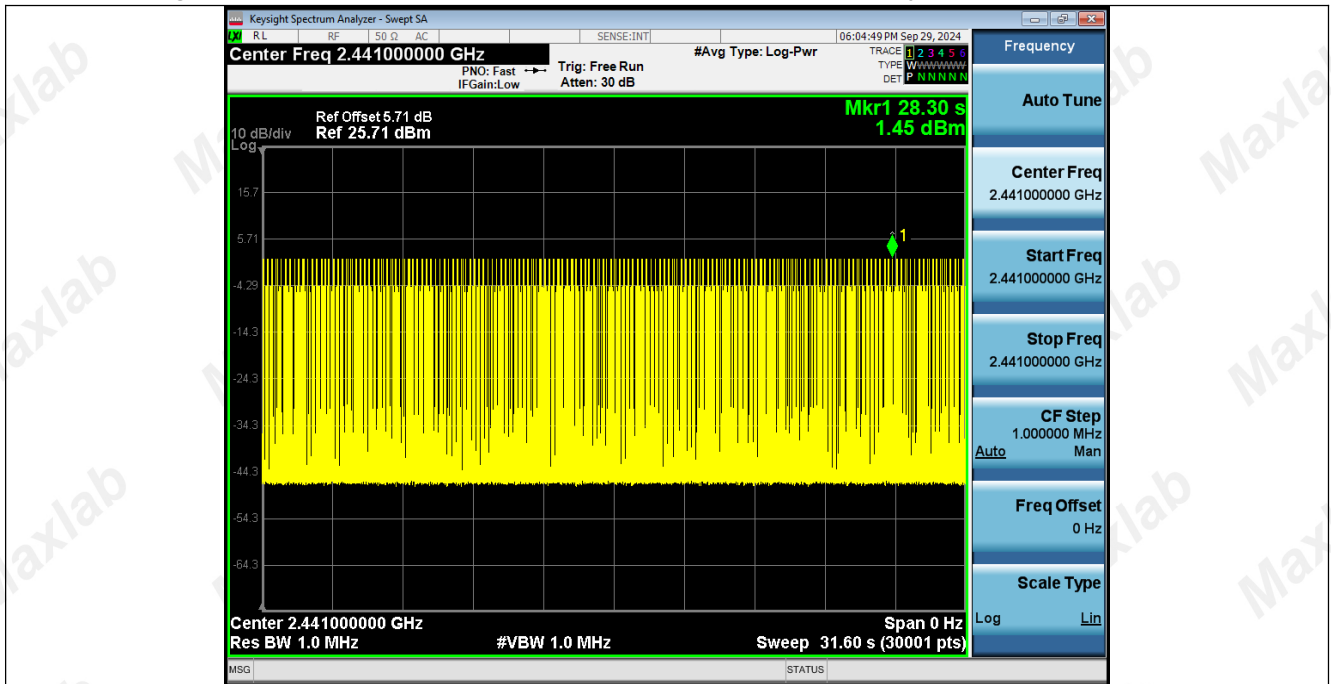


Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

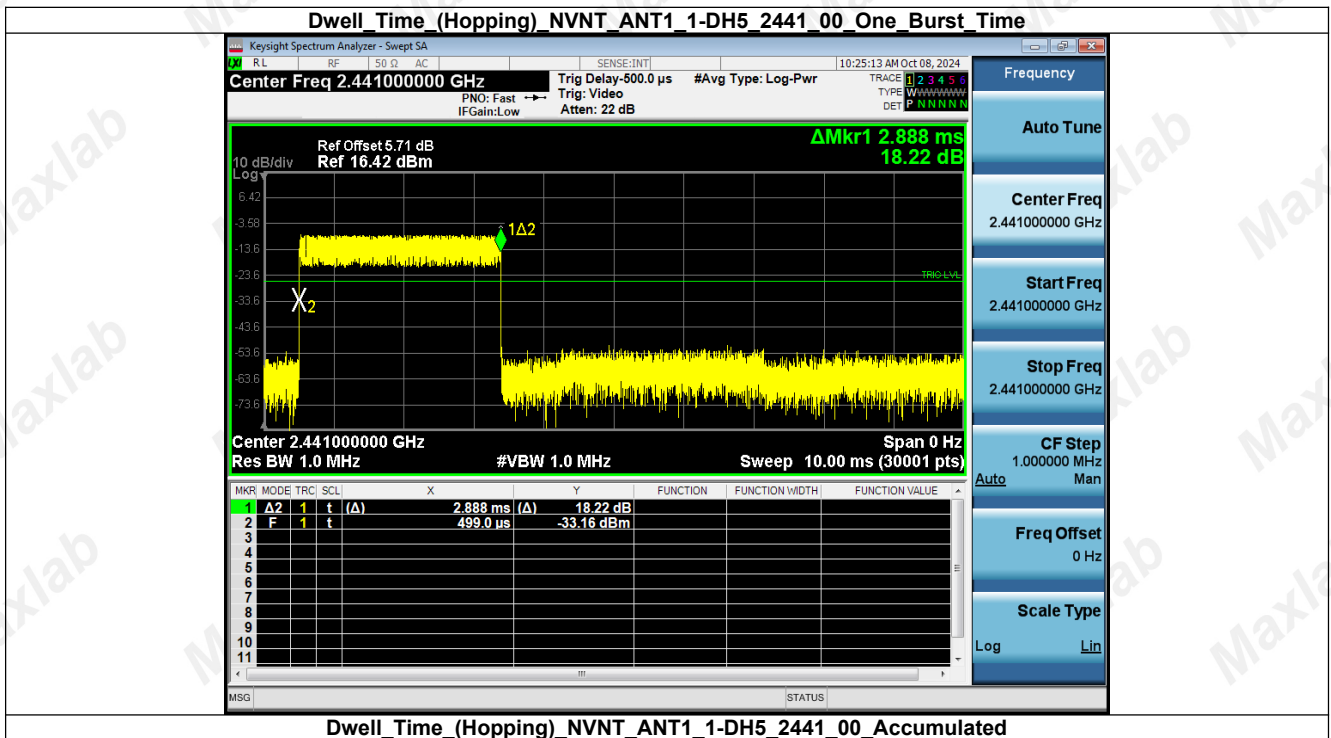
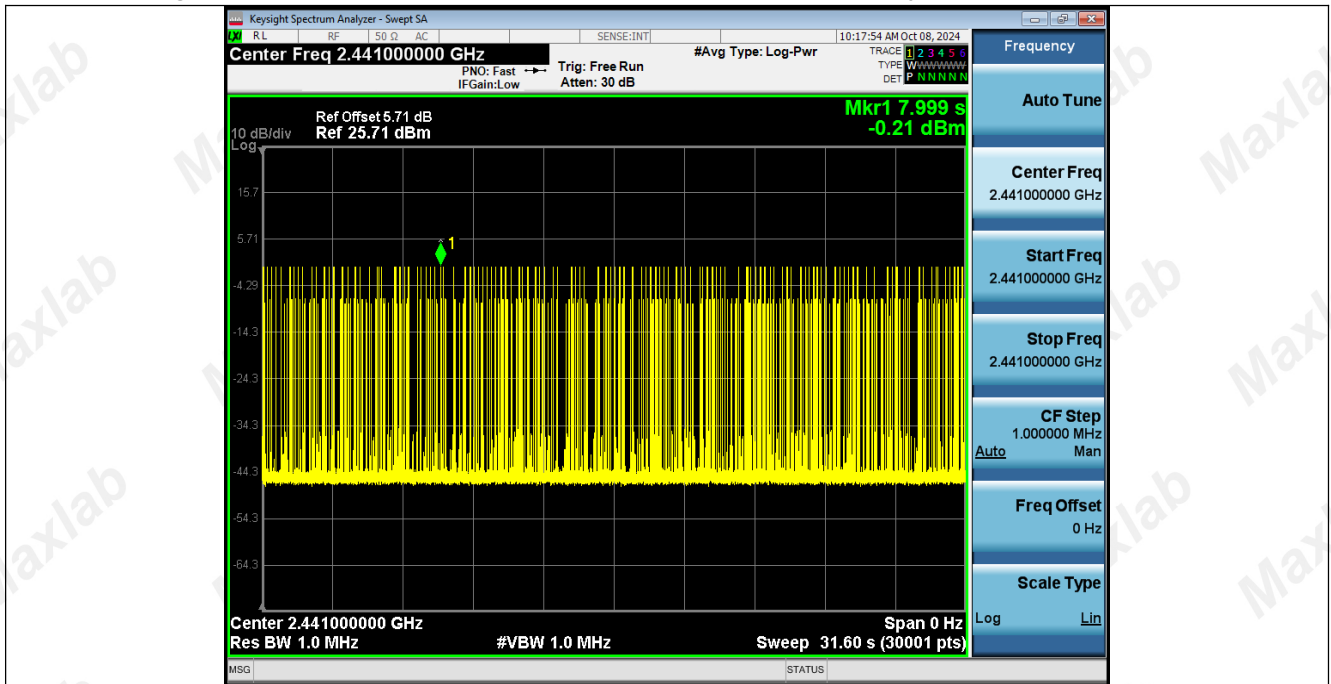


Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated

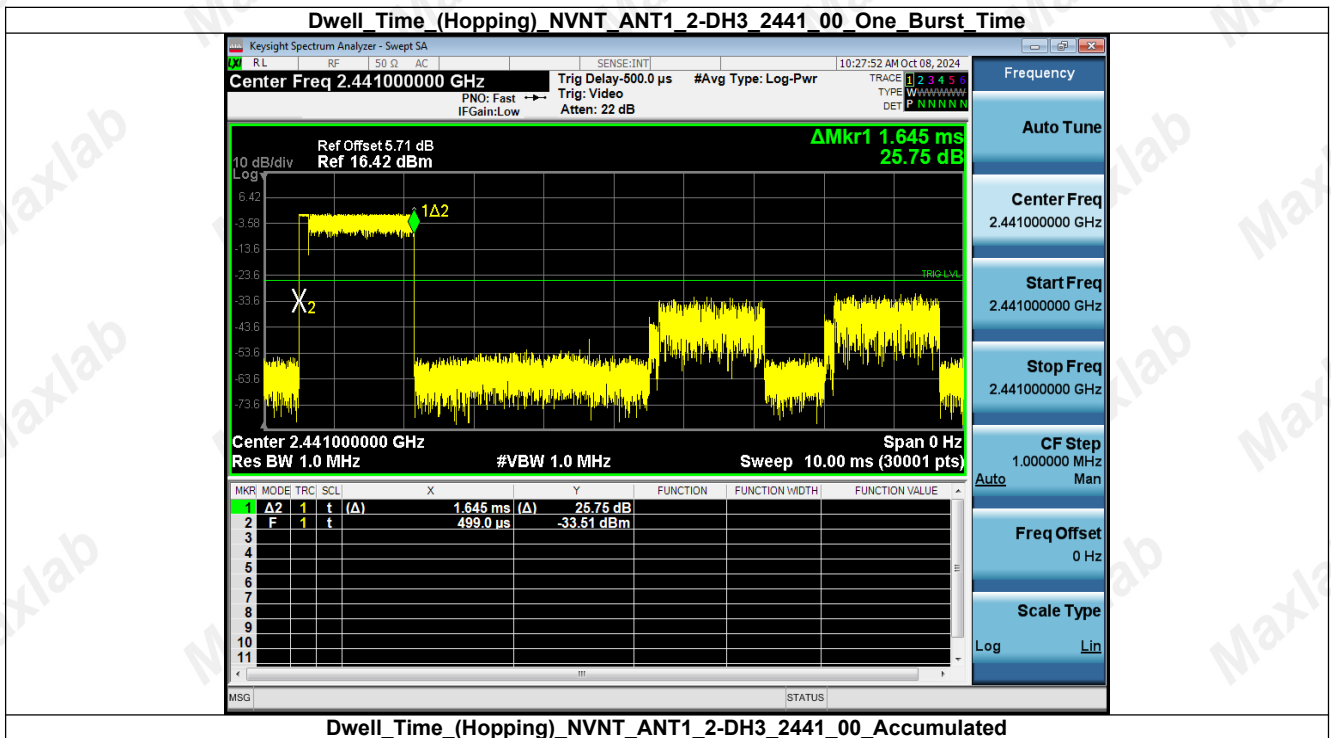
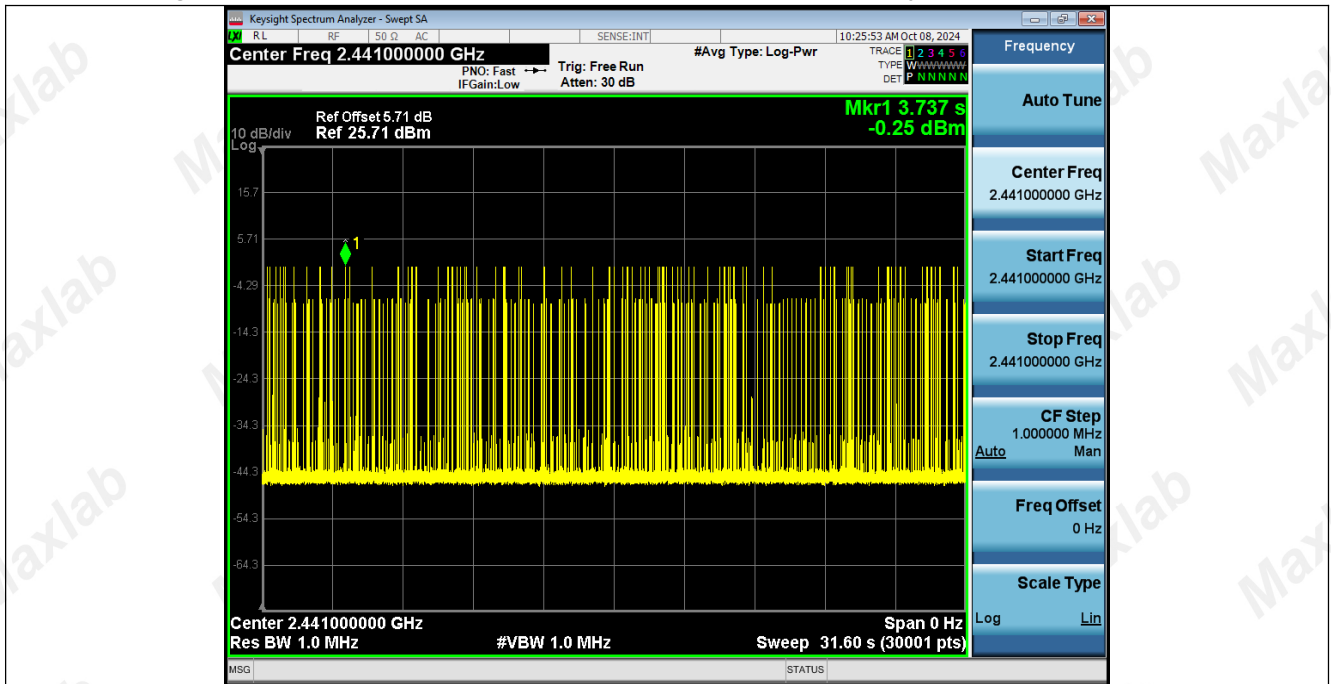


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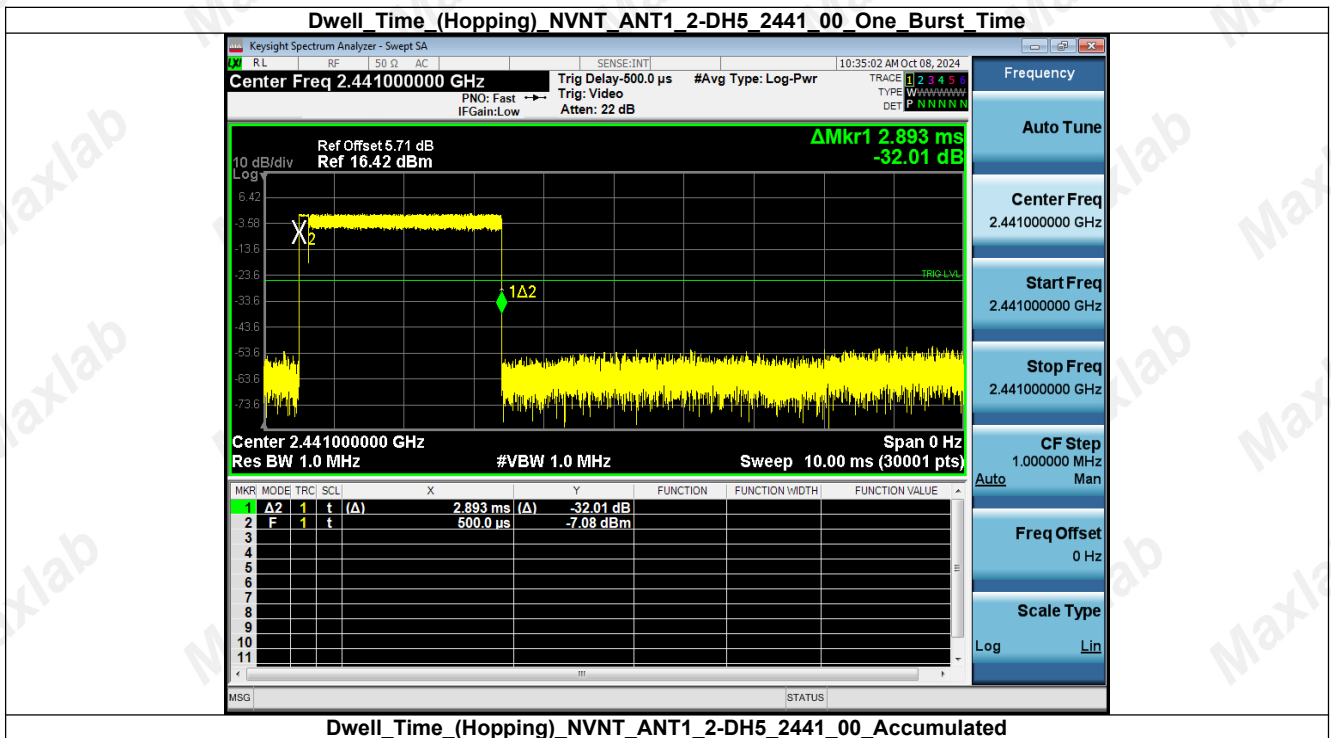
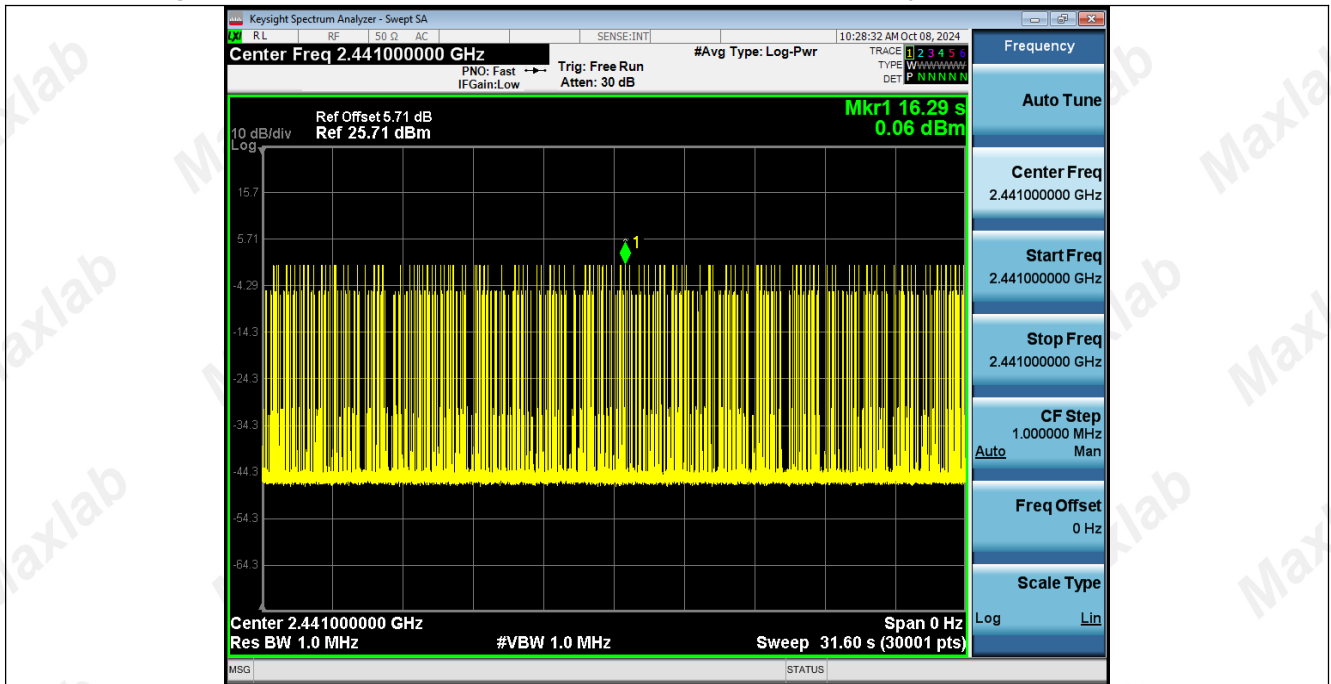
Report No.: MAX240925110P01-R01



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_00_Accumulated



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Report No.: MAX240925110P01-R01

