



MAXLAB Testing Co.,Ltd.

Report No.: MAX240925110P01-R01

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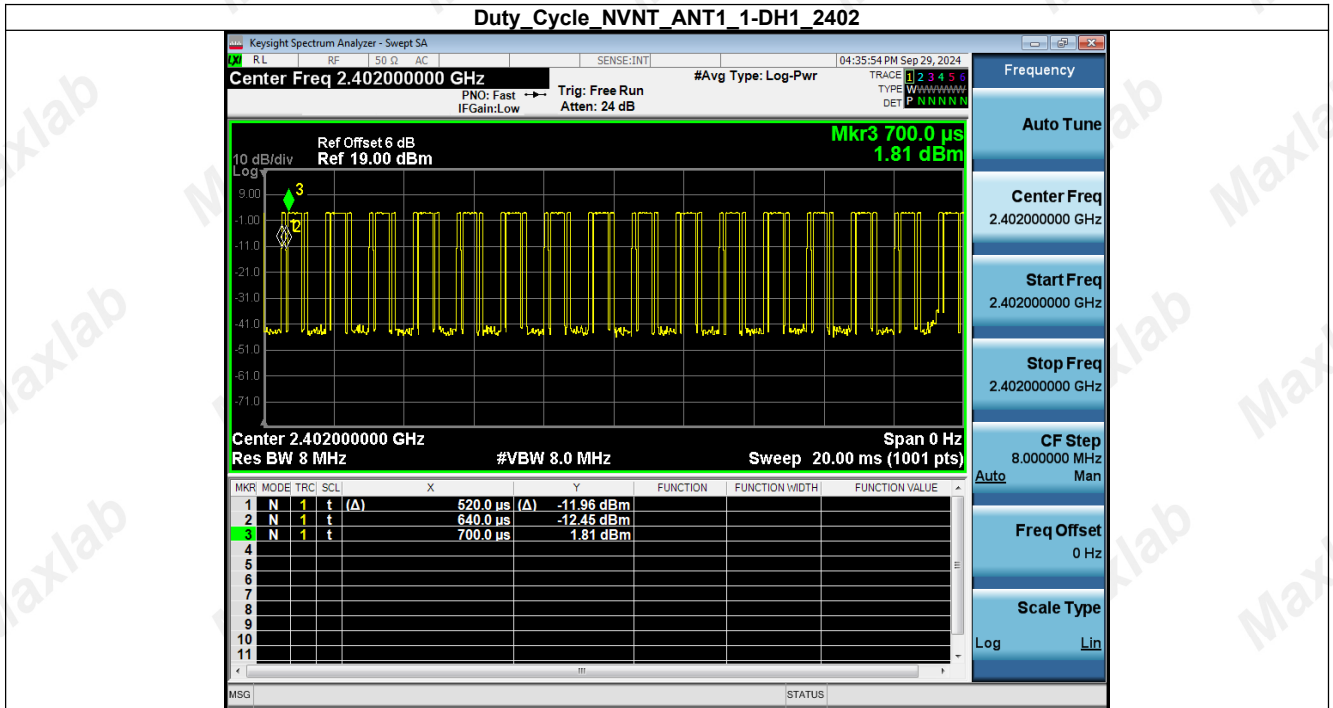
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FCC ID:2BLKX-CS01

FCC_BT (Part15.247) Test Data

1. Duty Cycle

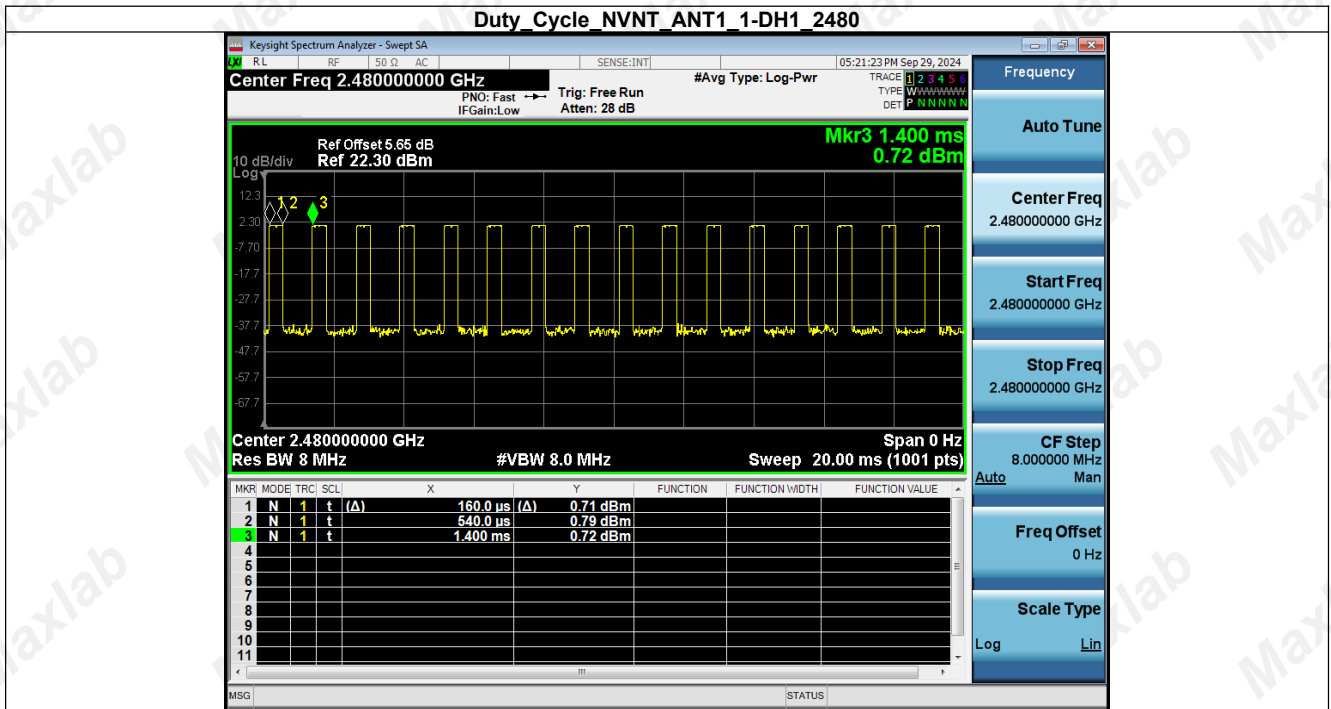
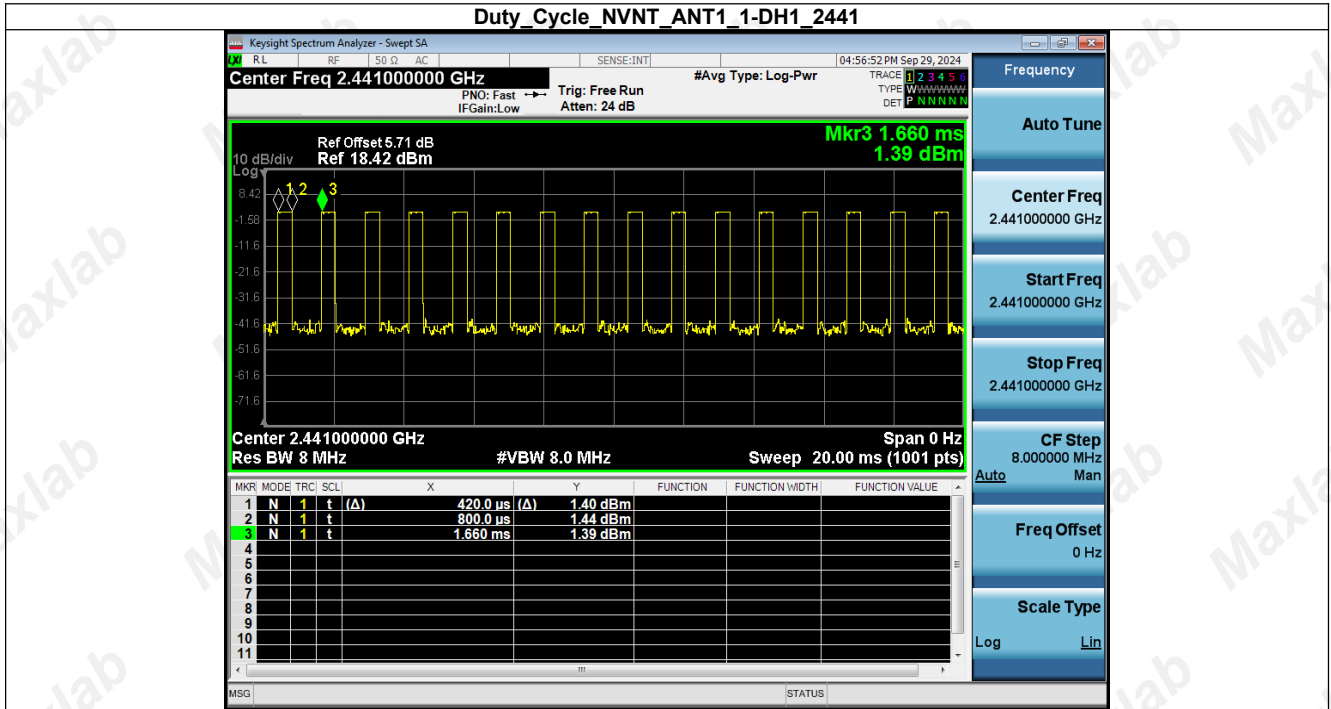
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	77.78	1.09
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.65	5.14
NVNT	ANT1	2-DH1	2402.00	91.30	0.40
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	30.65	5.14





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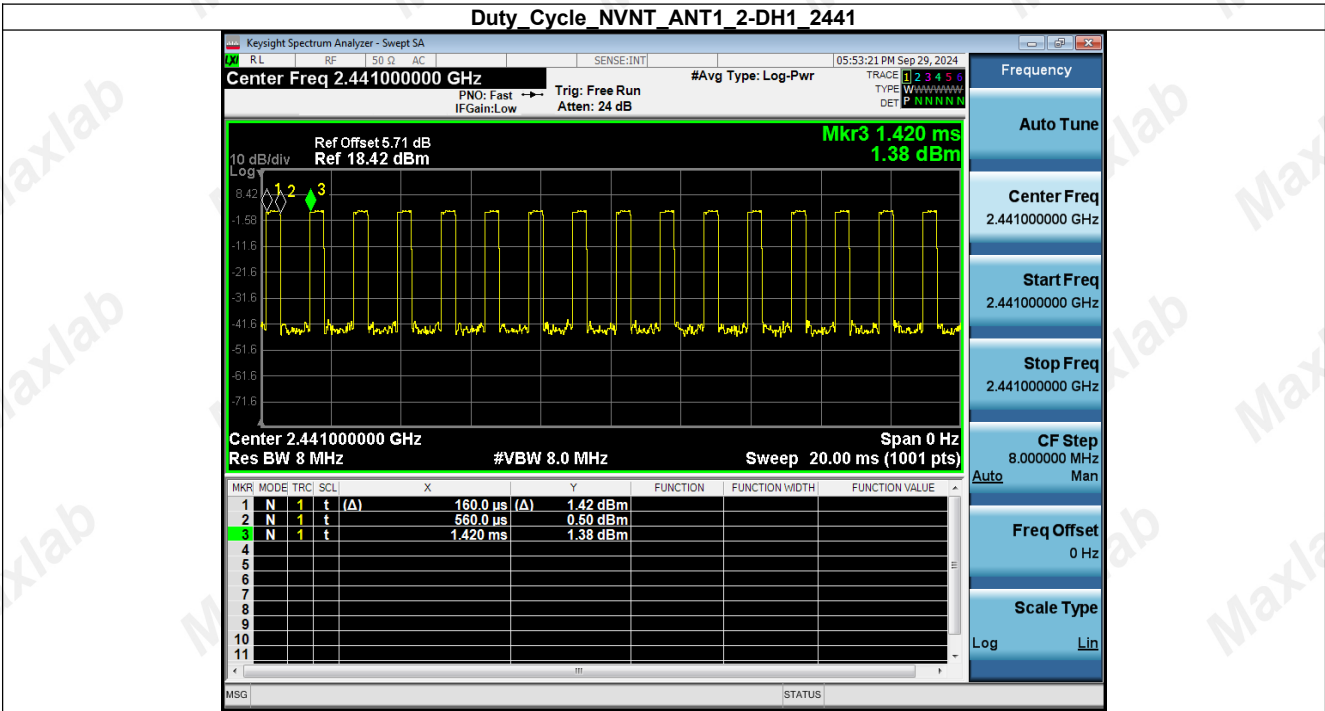
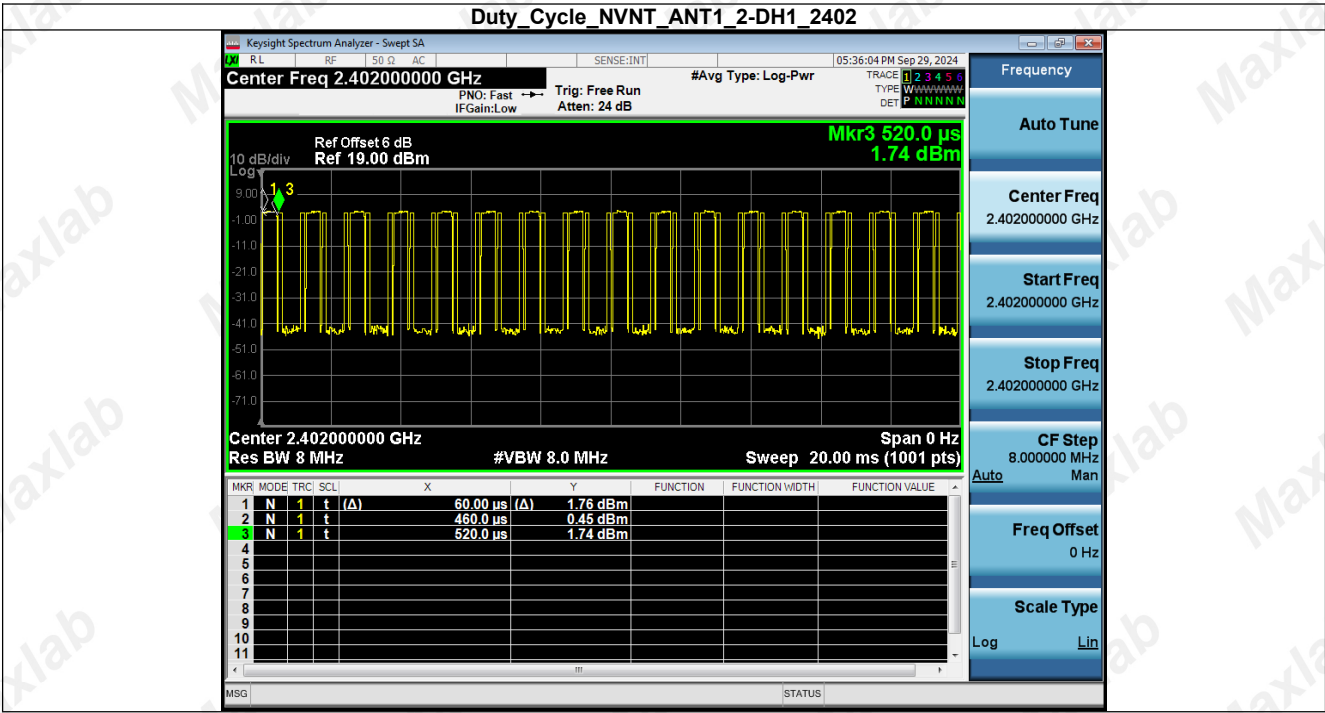
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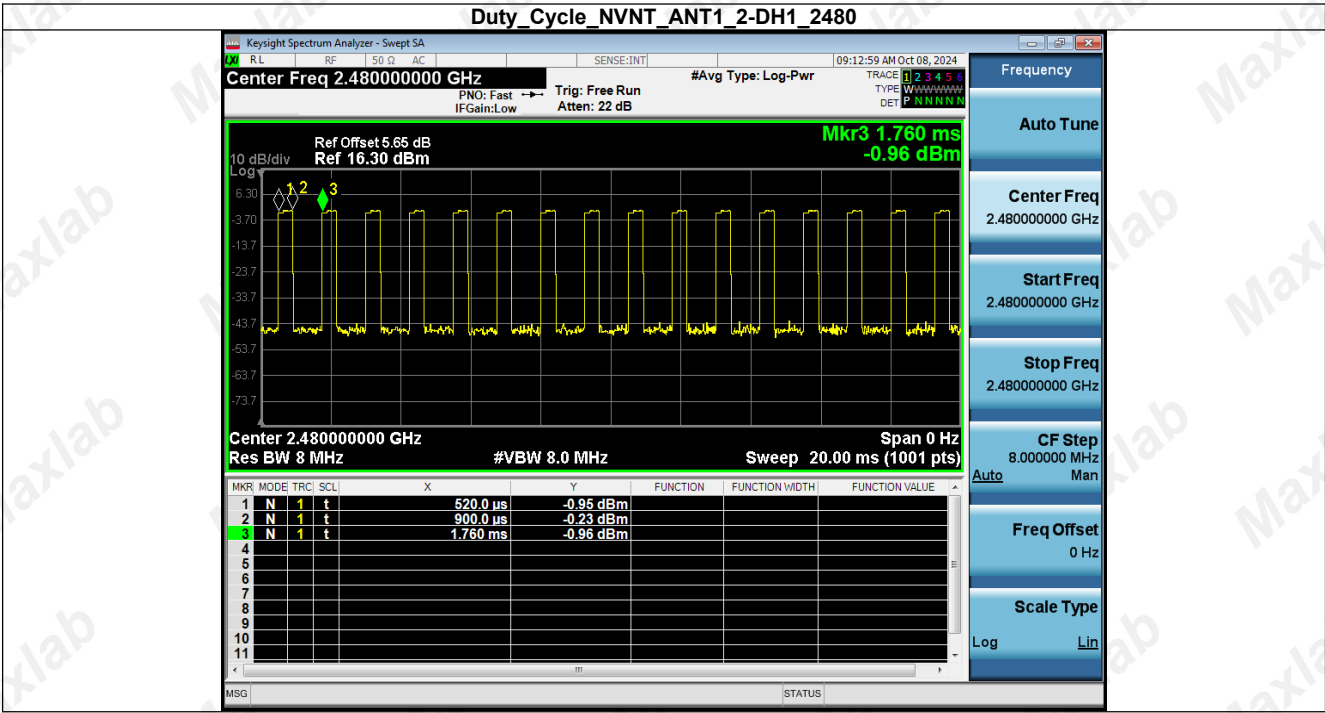
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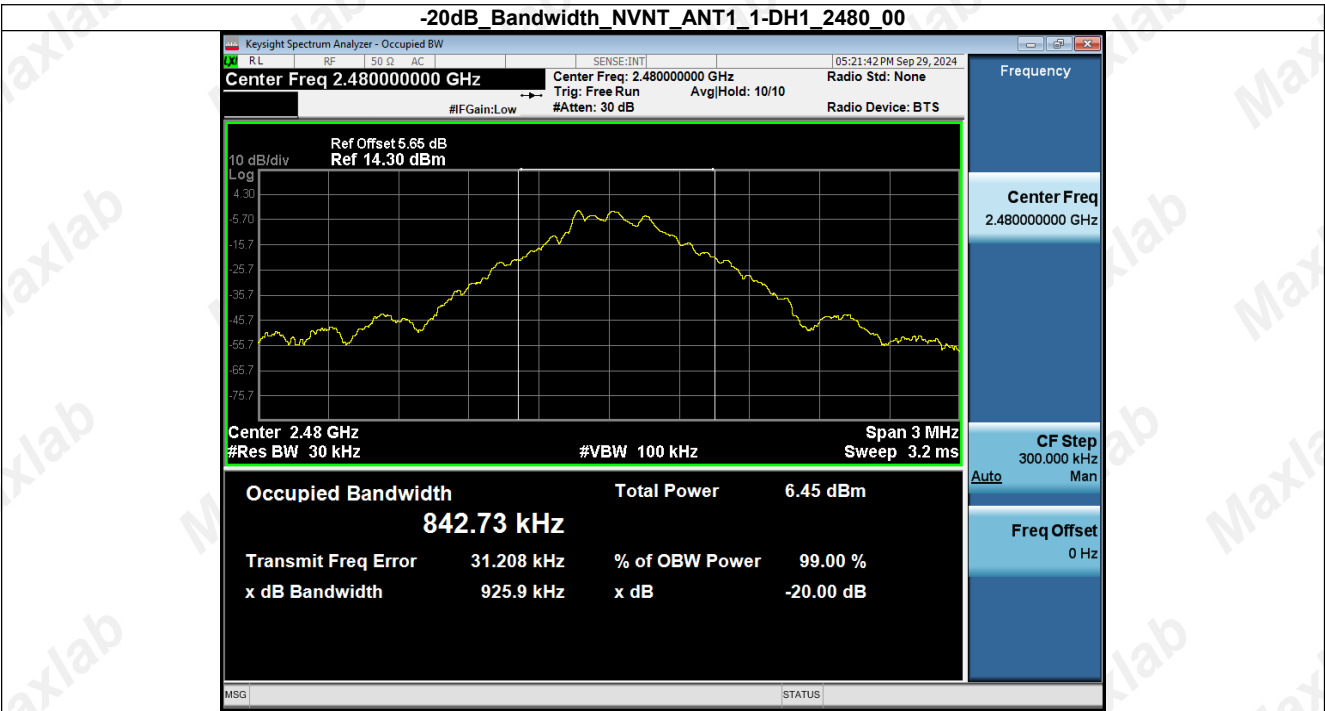
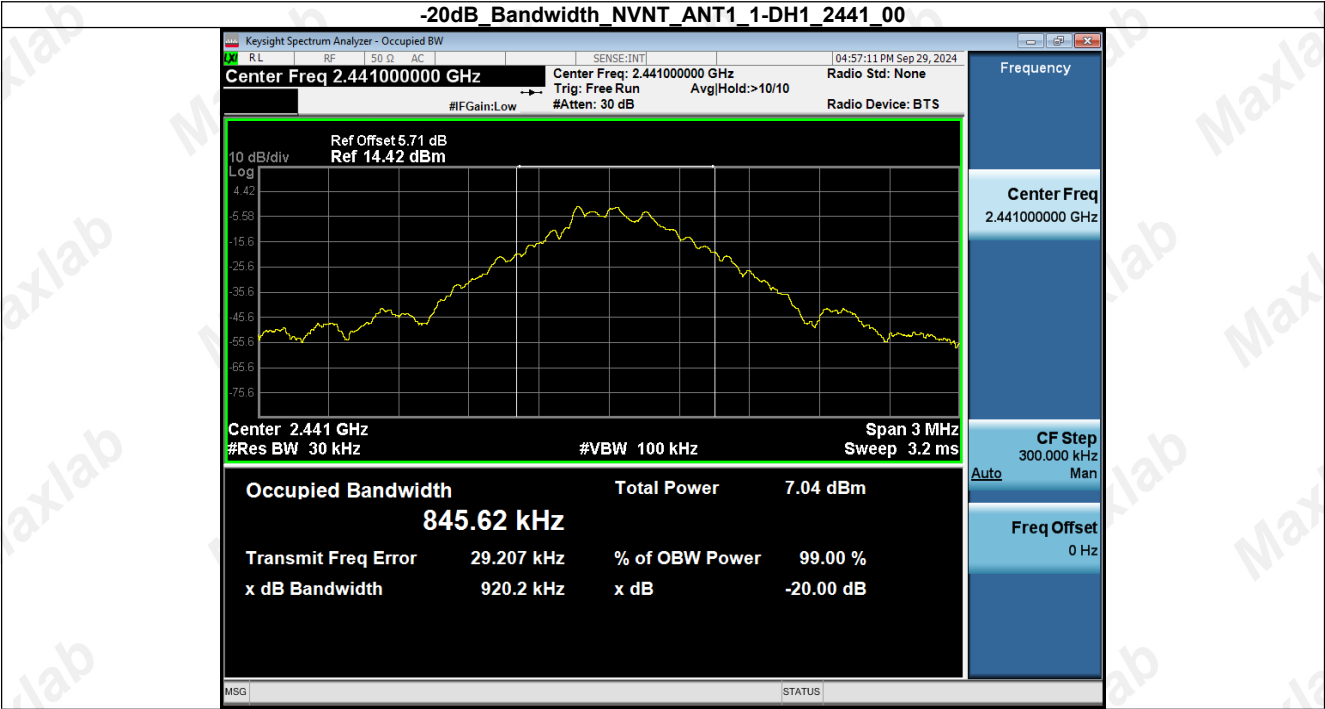
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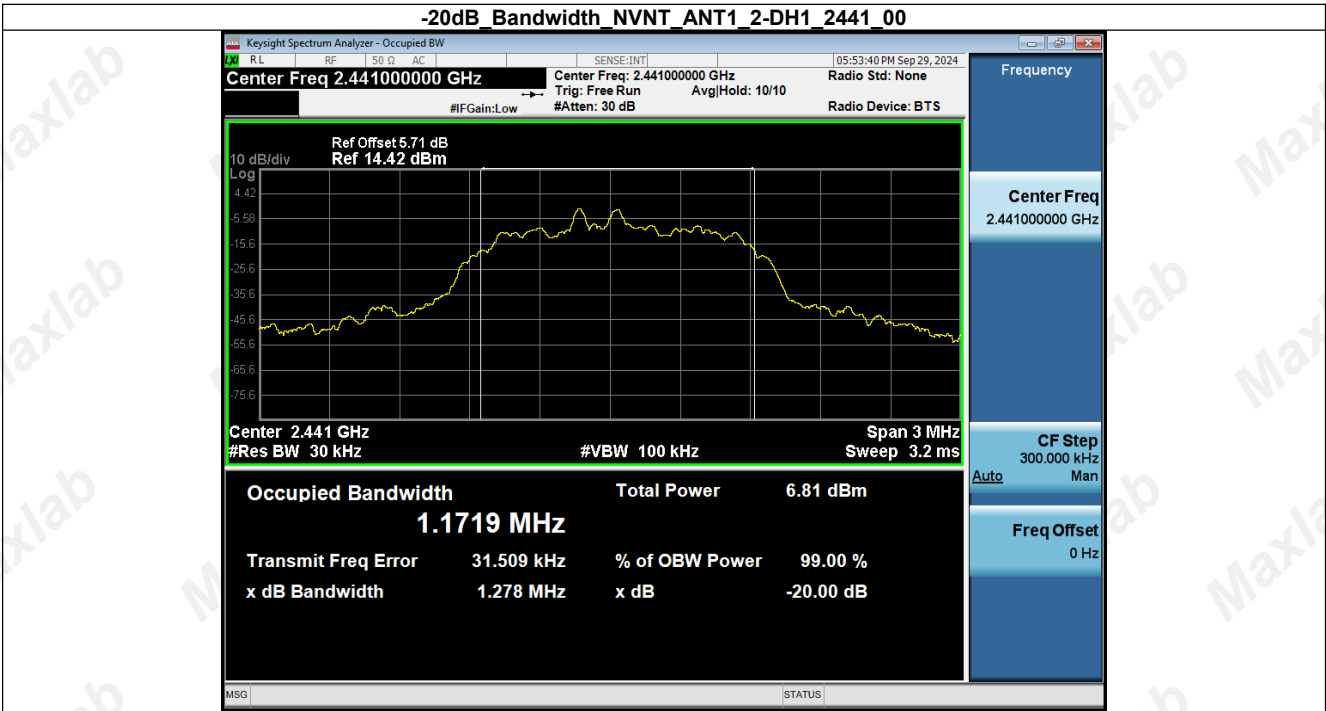


2. -20dB Bandwidth

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



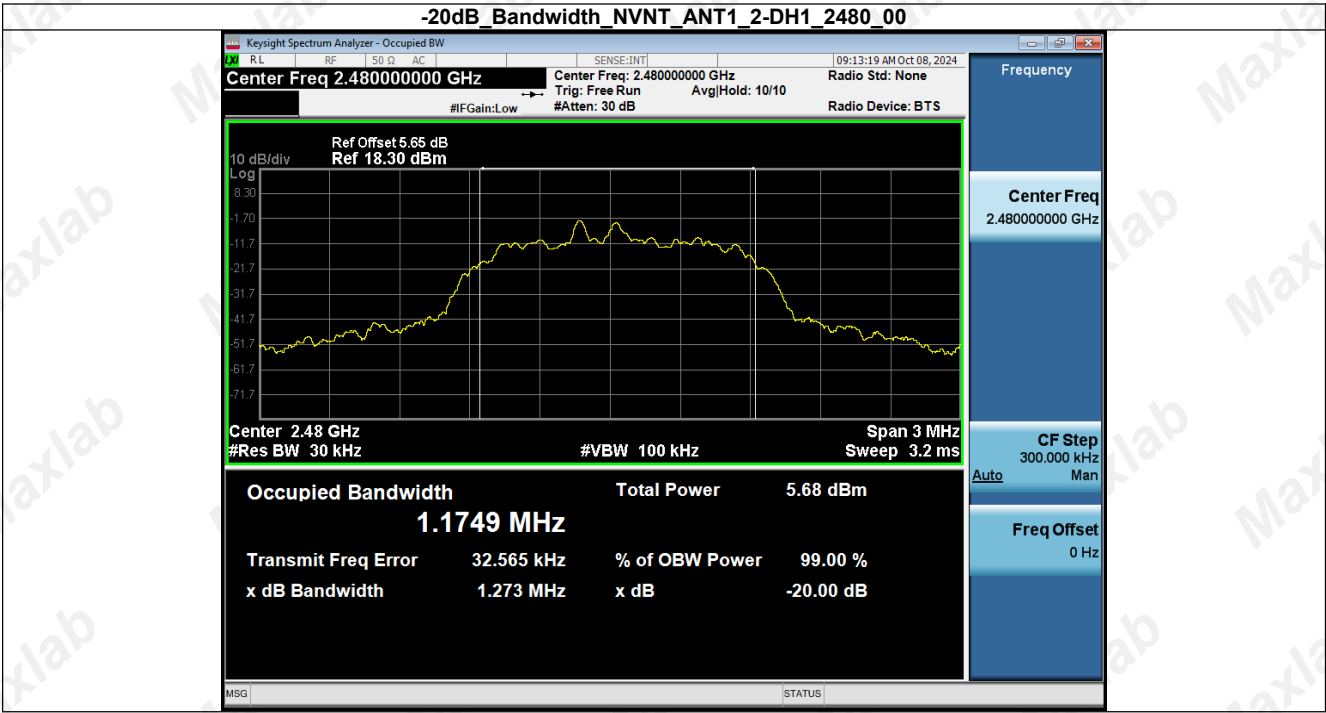






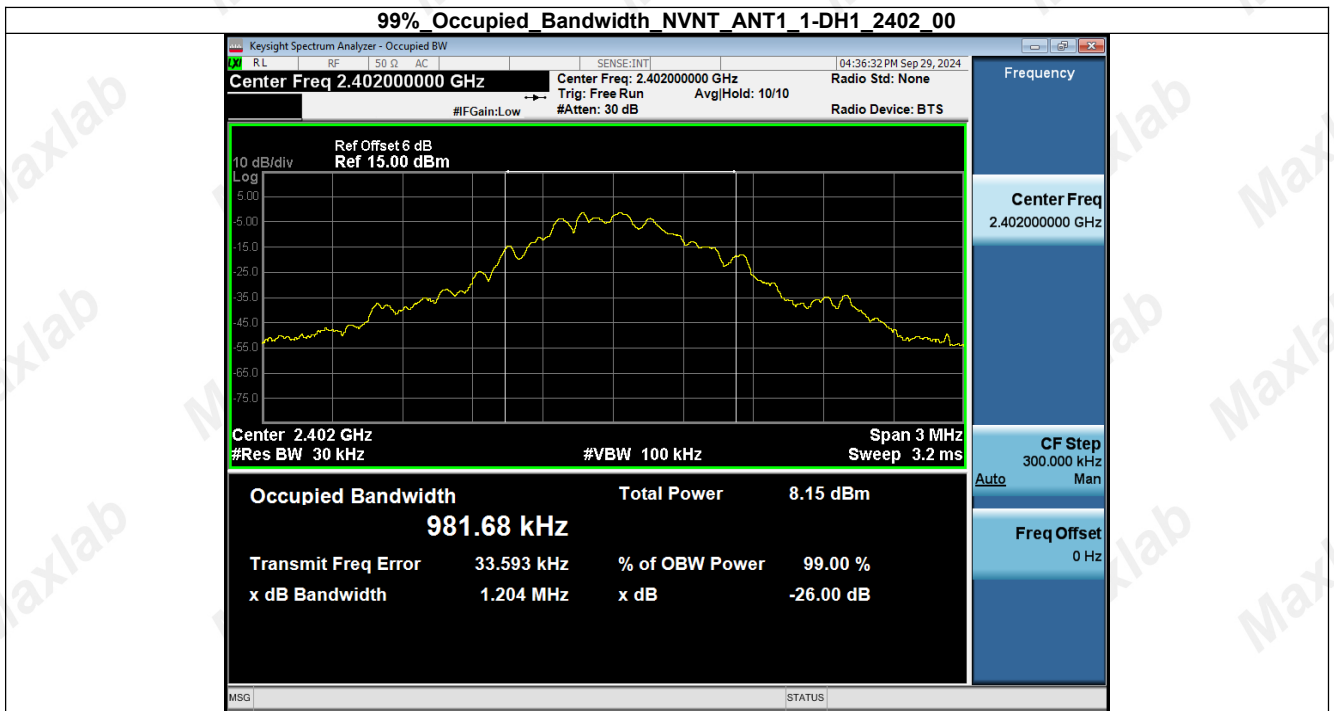
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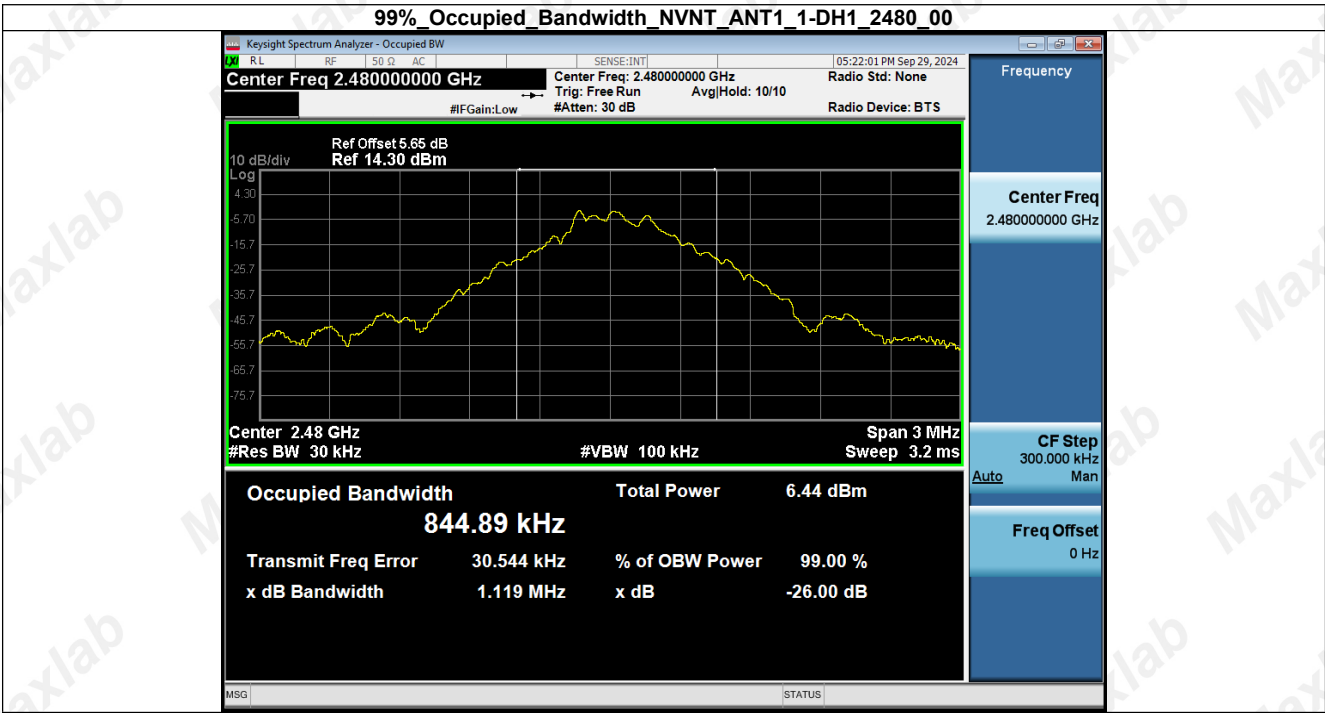
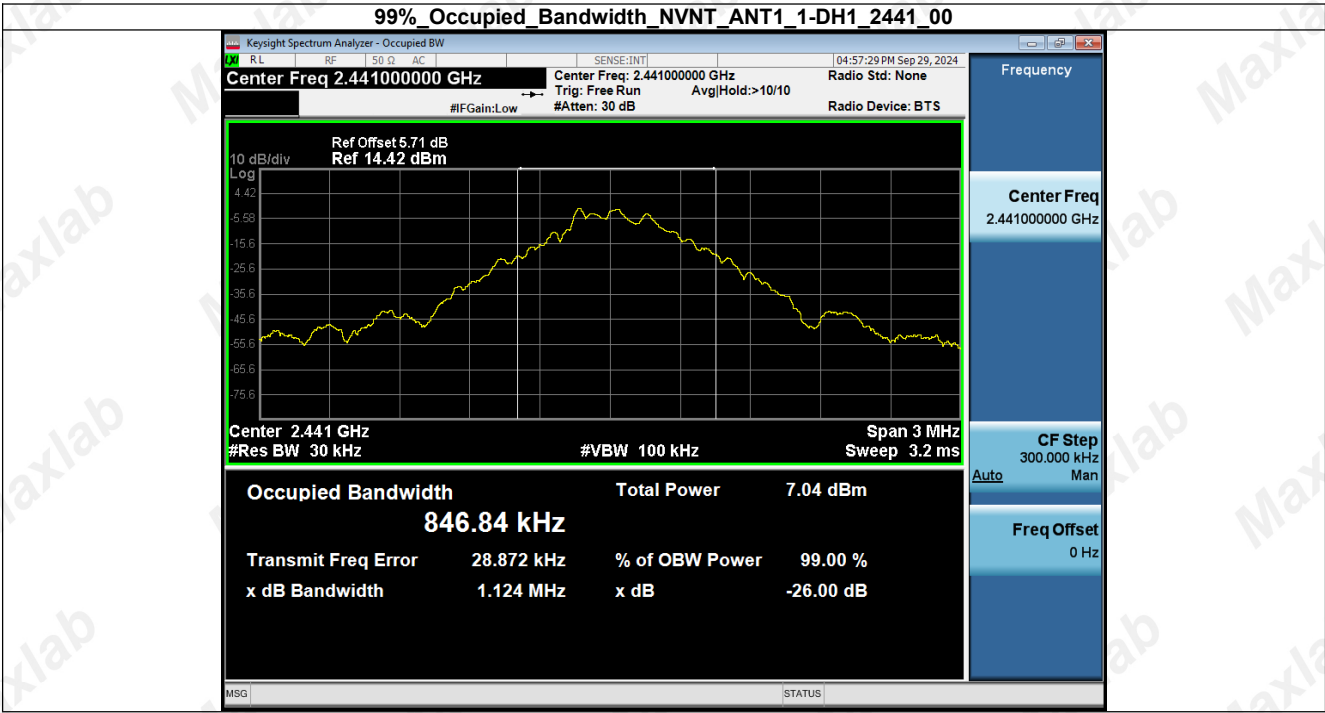
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3. 99% Occupied Bandwidth

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

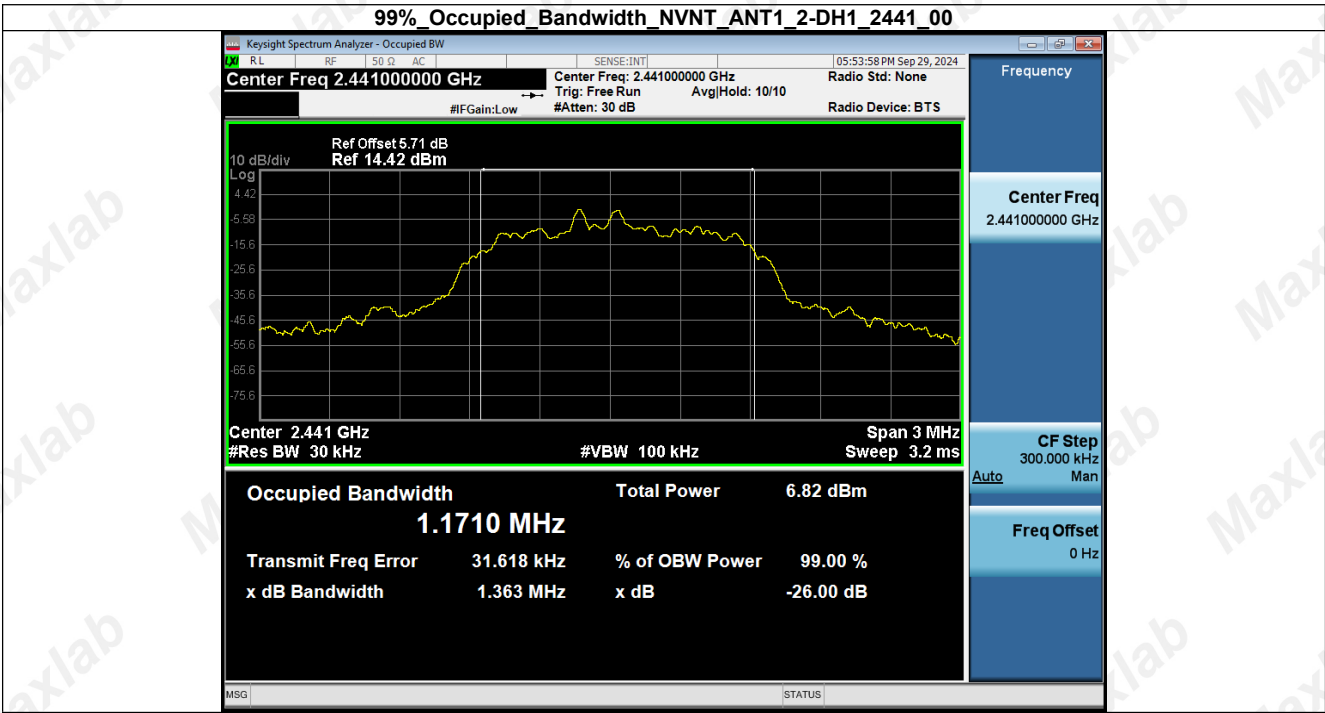
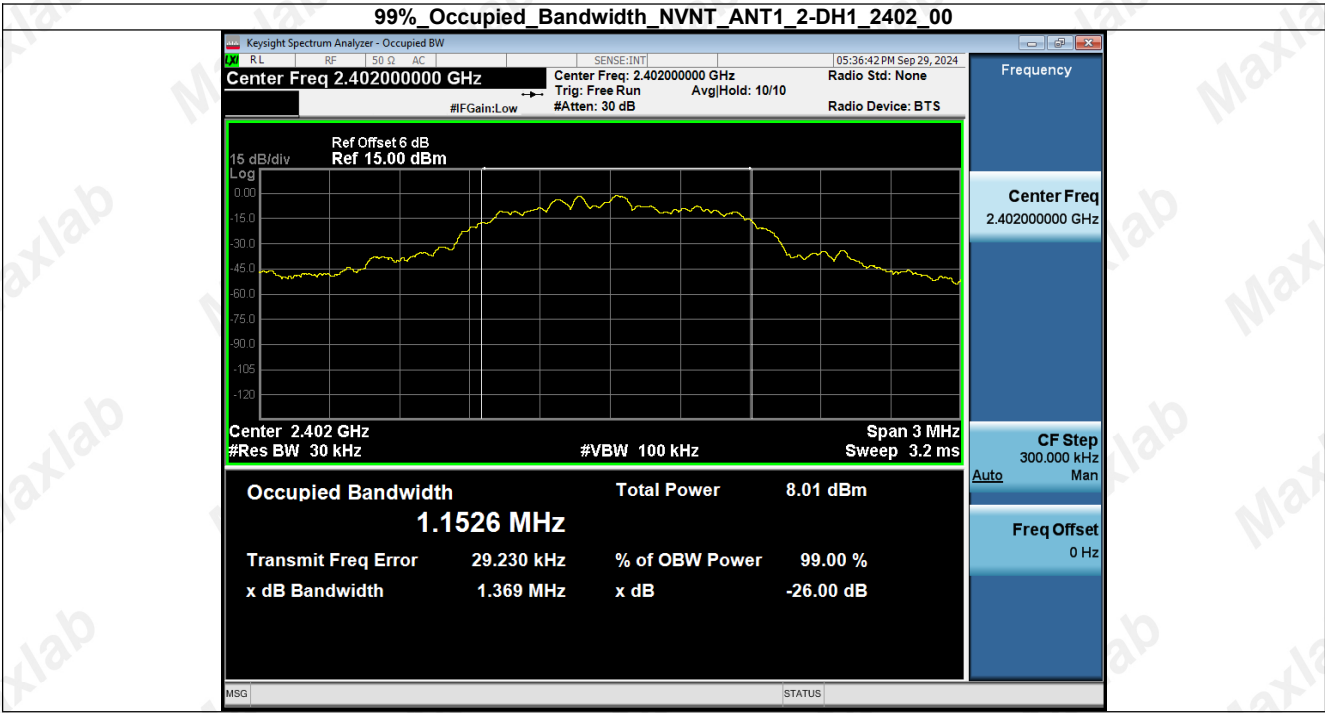






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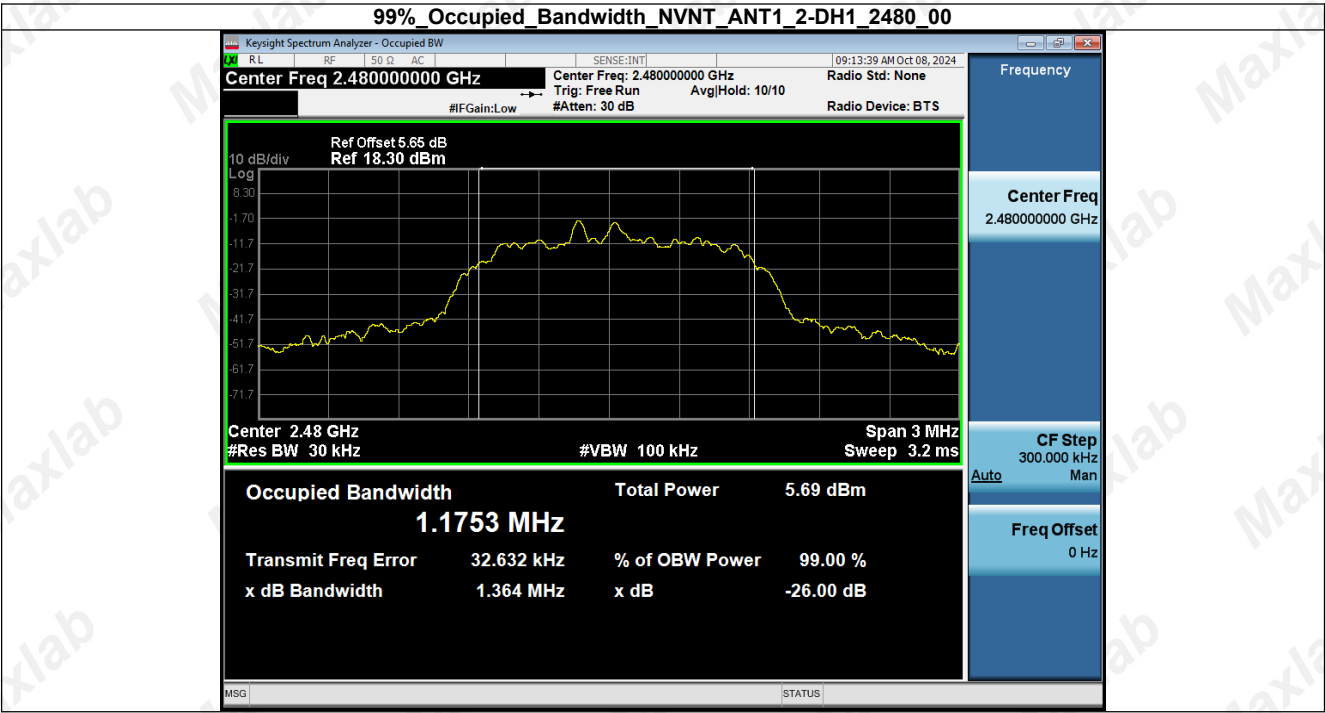
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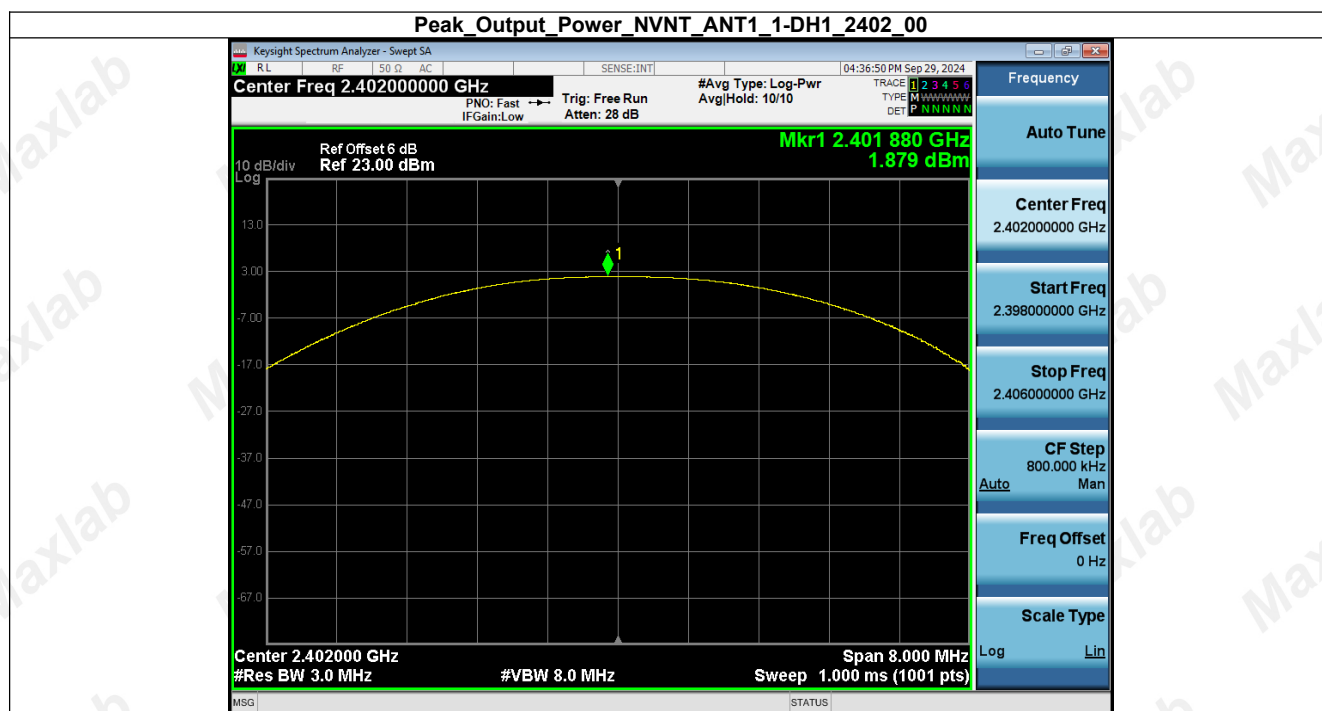
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4. Peak Output Power

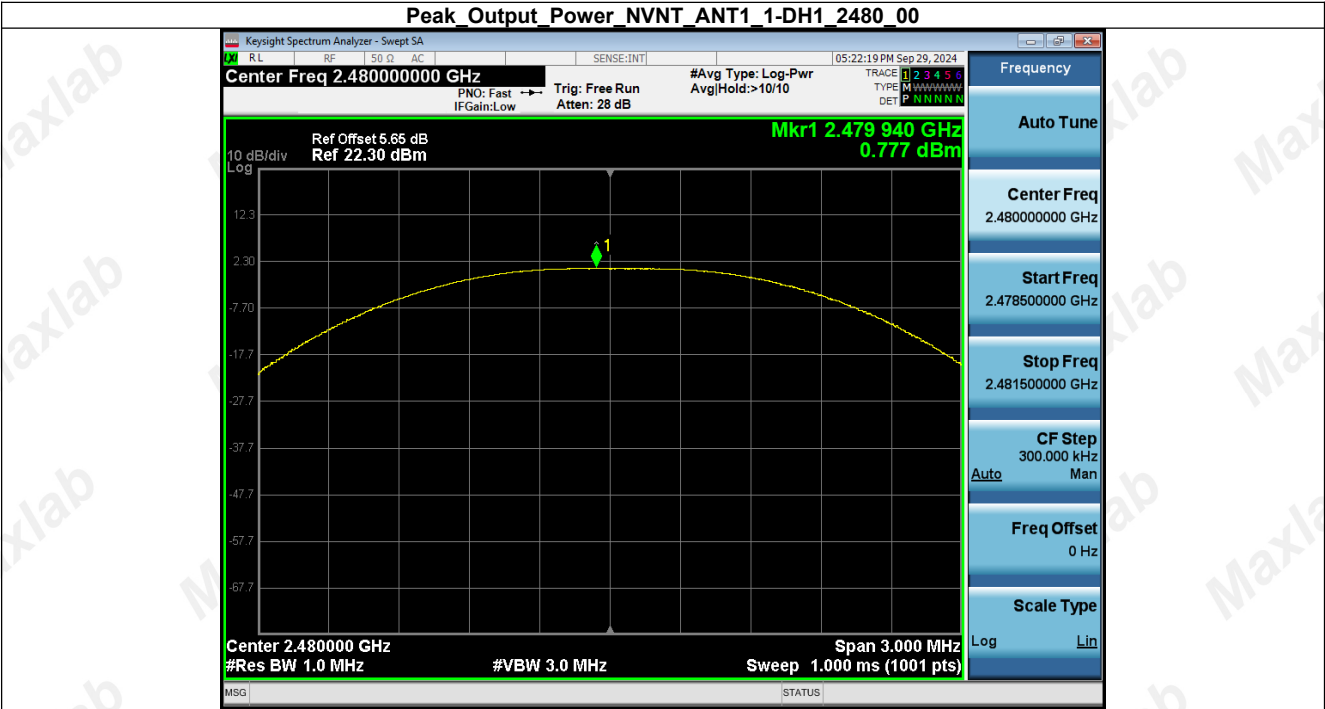
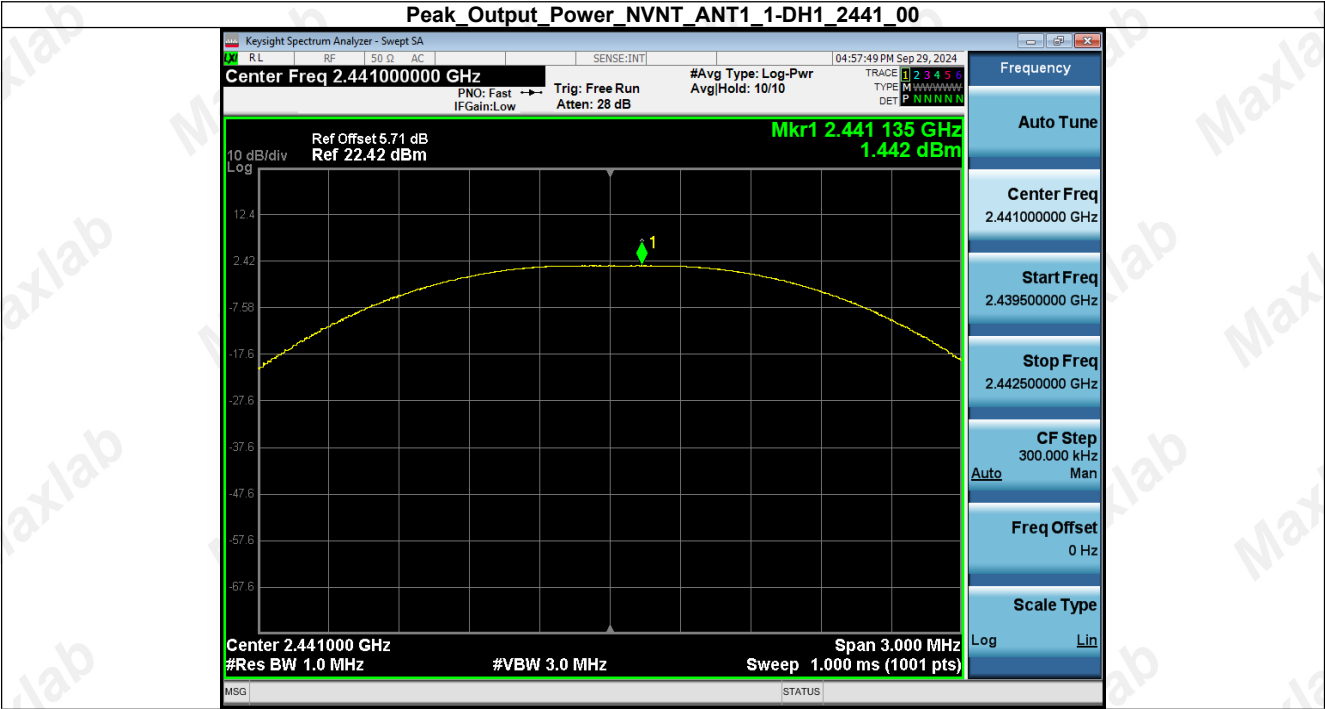
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	1.88	1.54	125	Pass
NVNT	ANT1	1-DH1	2441.00	1.44	1.39	1000	Pass
NVNT	ANT1	1-DH1	2480.00	0.78	1.20	1000	Pass
NVNT	ANT1	2-DH1	2402.00	2.40	1.74	125	Pass
NVNT	ANT1	2-DH1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





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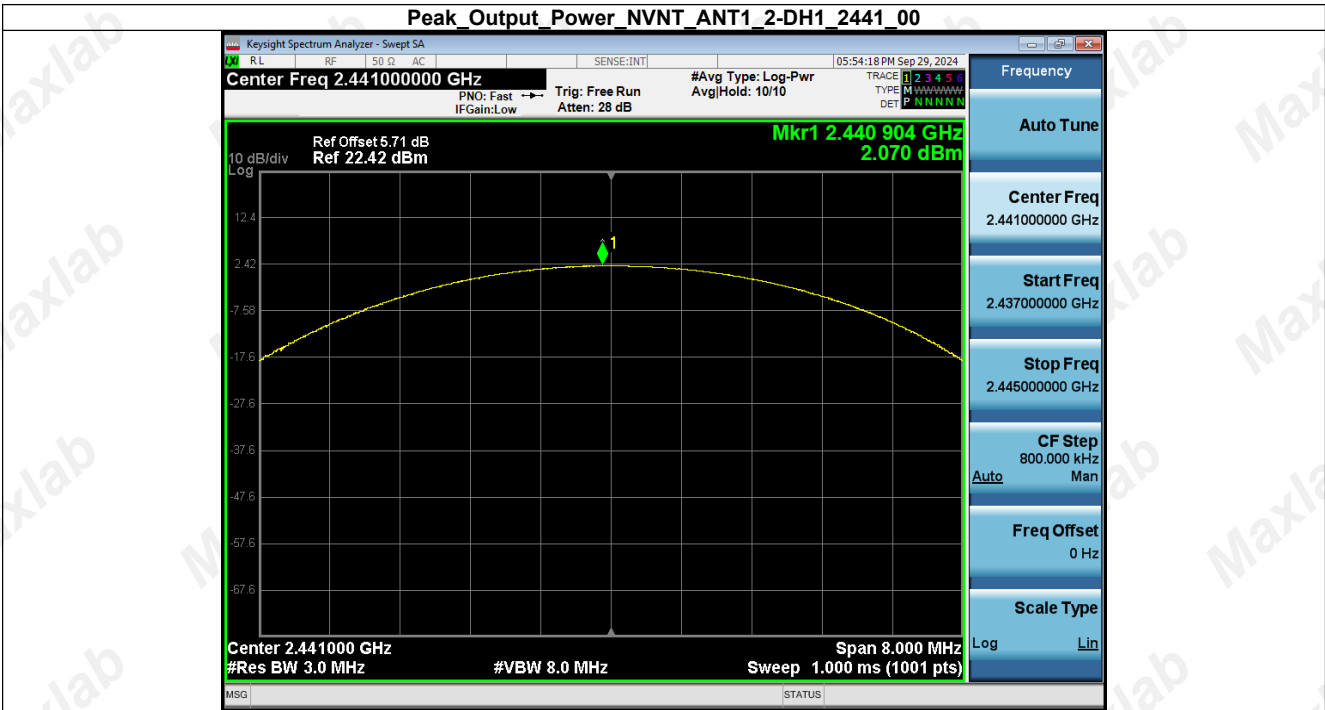
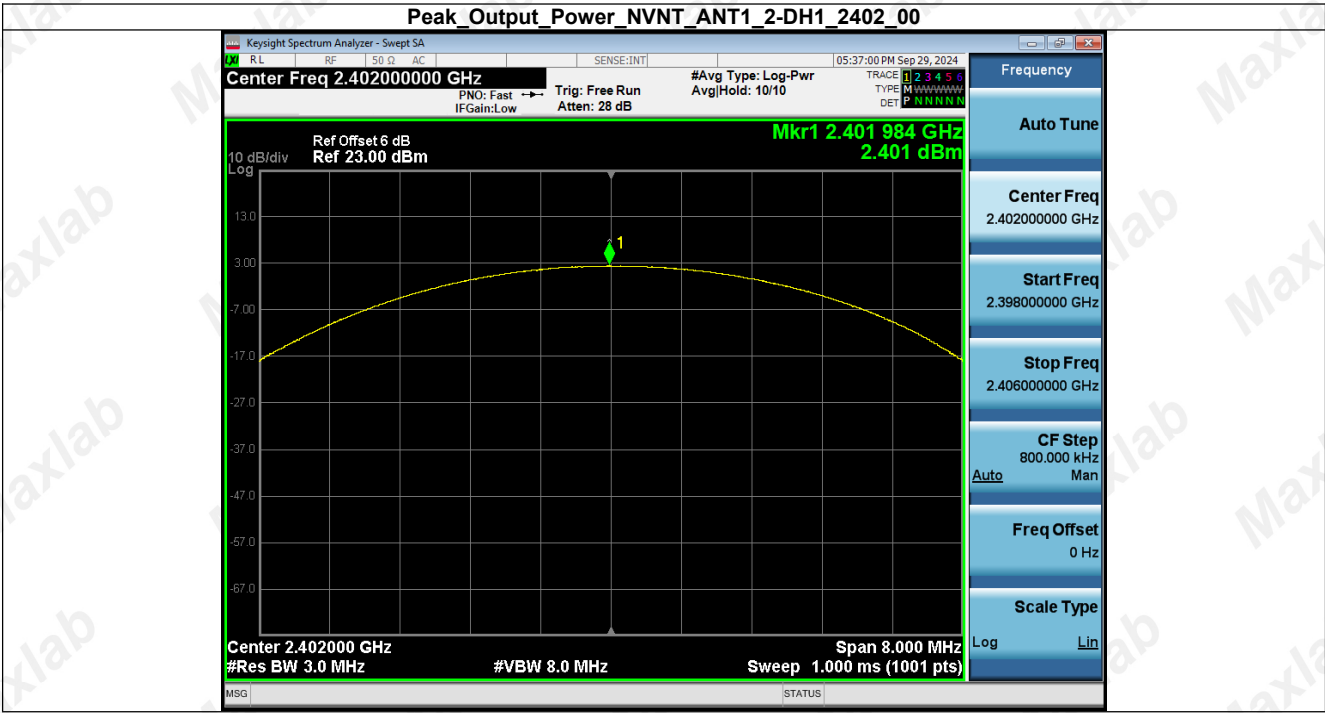
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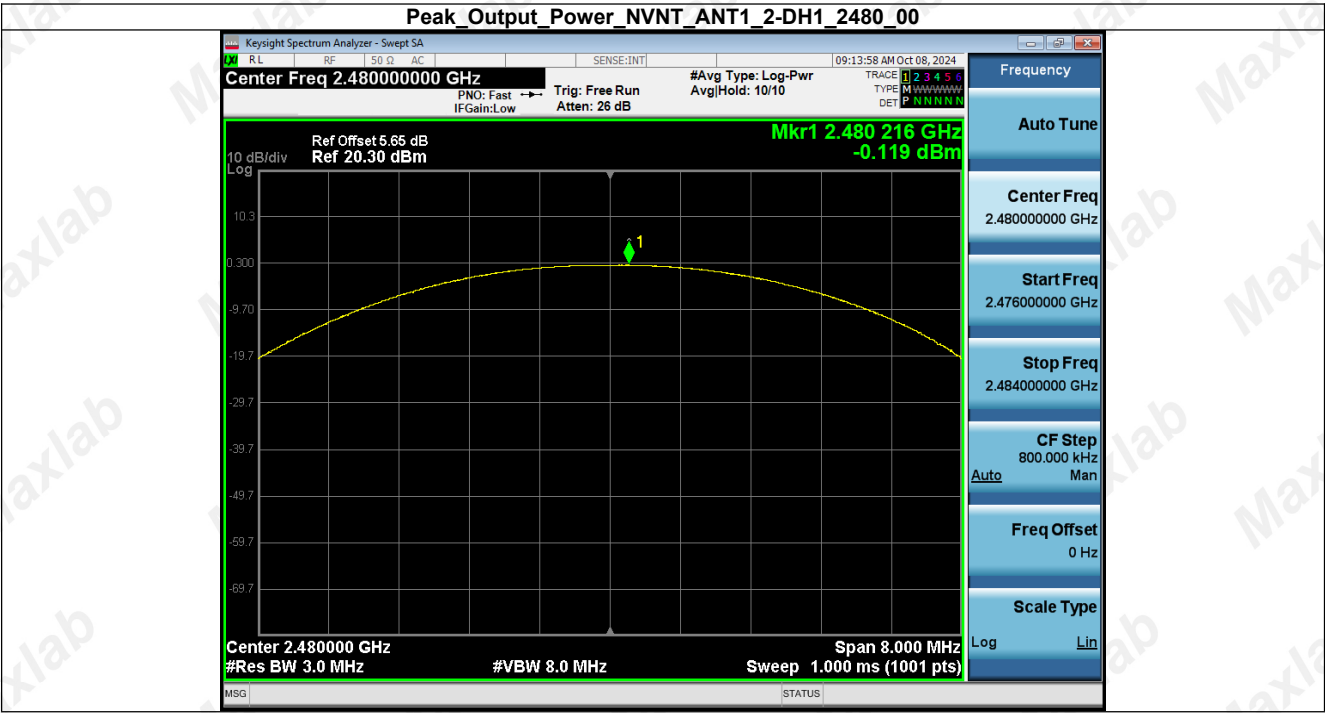
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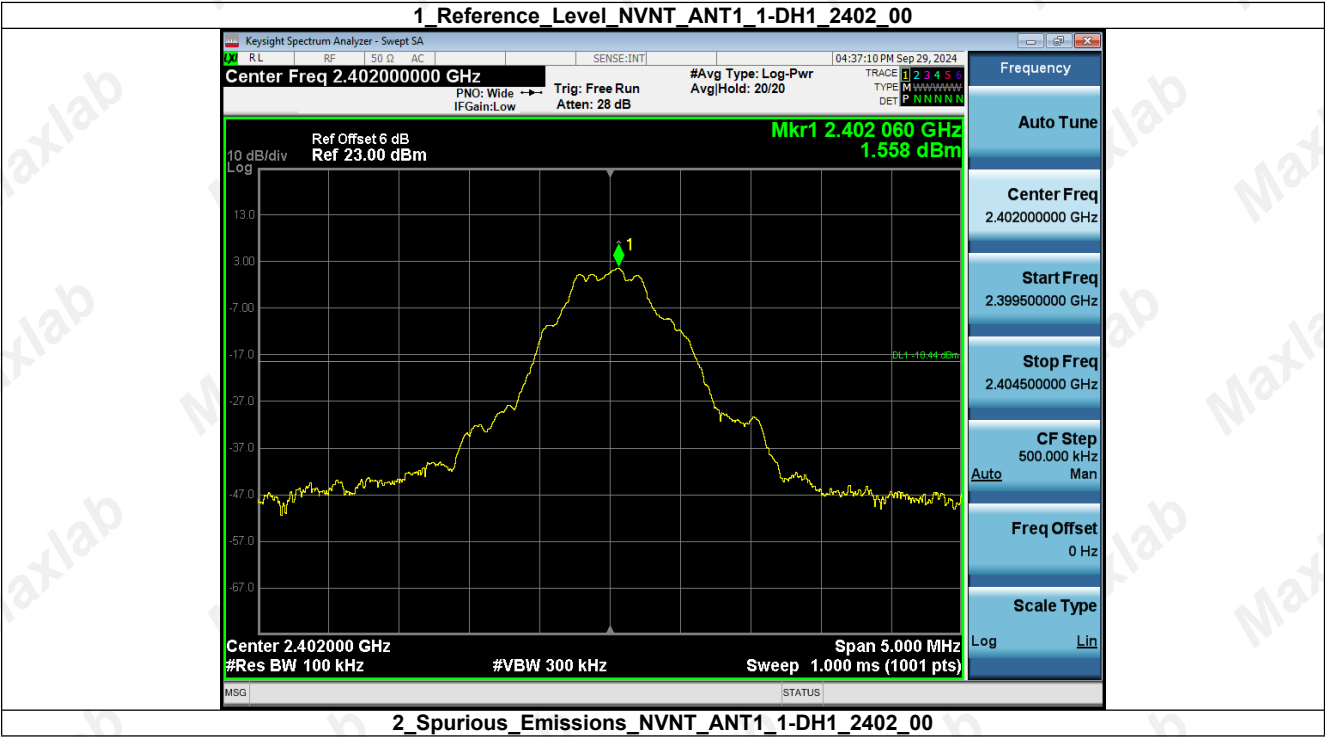


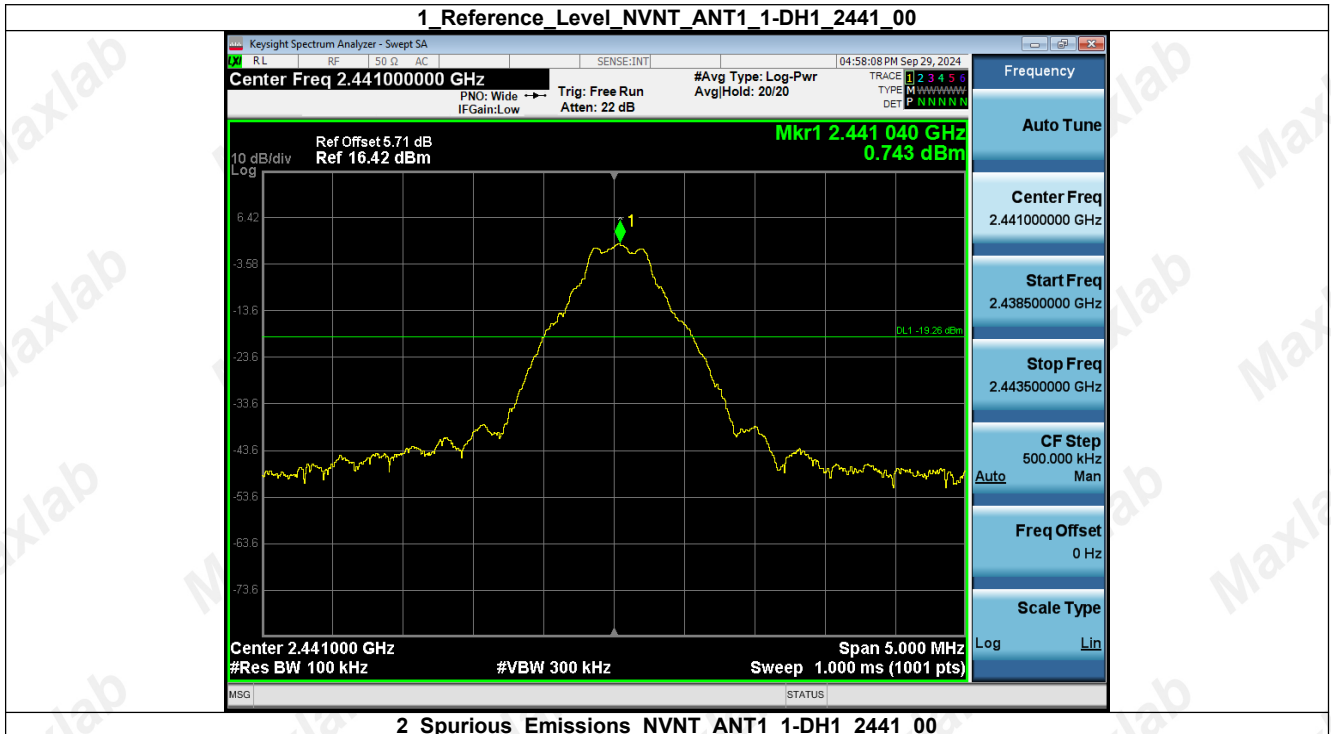
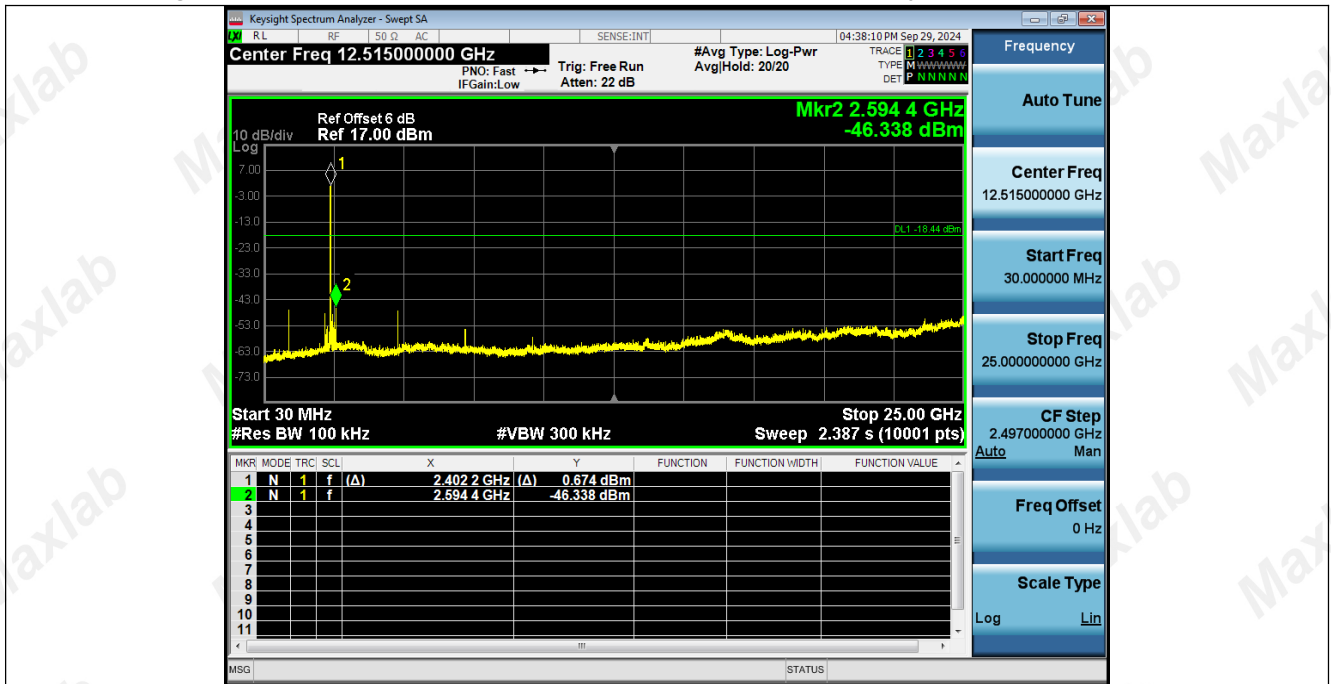
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5. Spurious Emissions

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



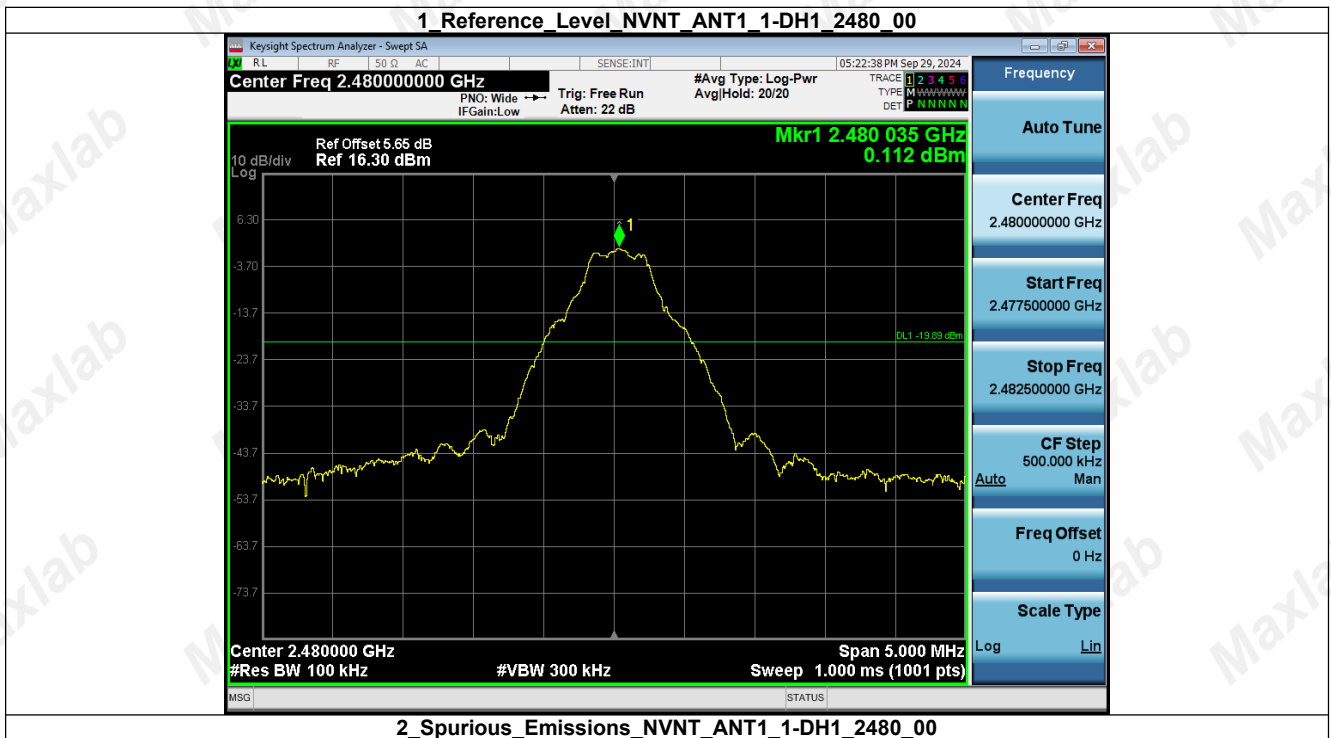
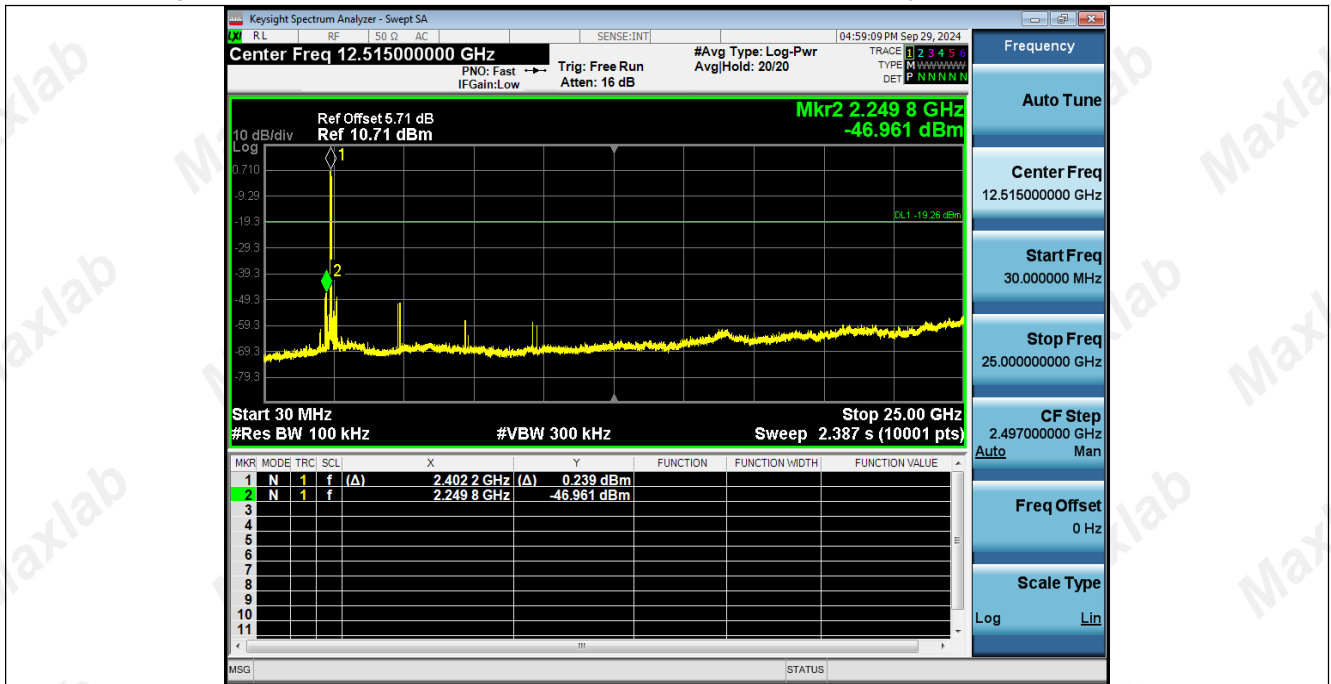


2 Spurious Emissions NVNT_ANT1_1-DH1_2441_00

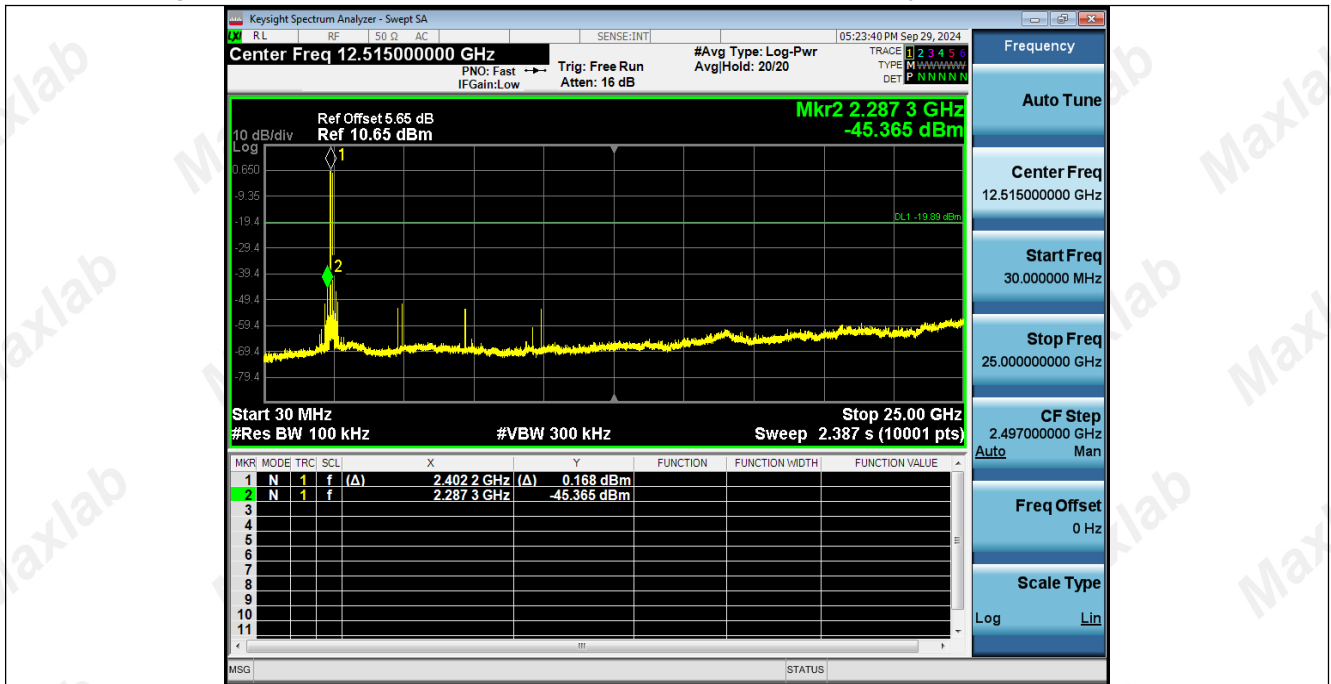


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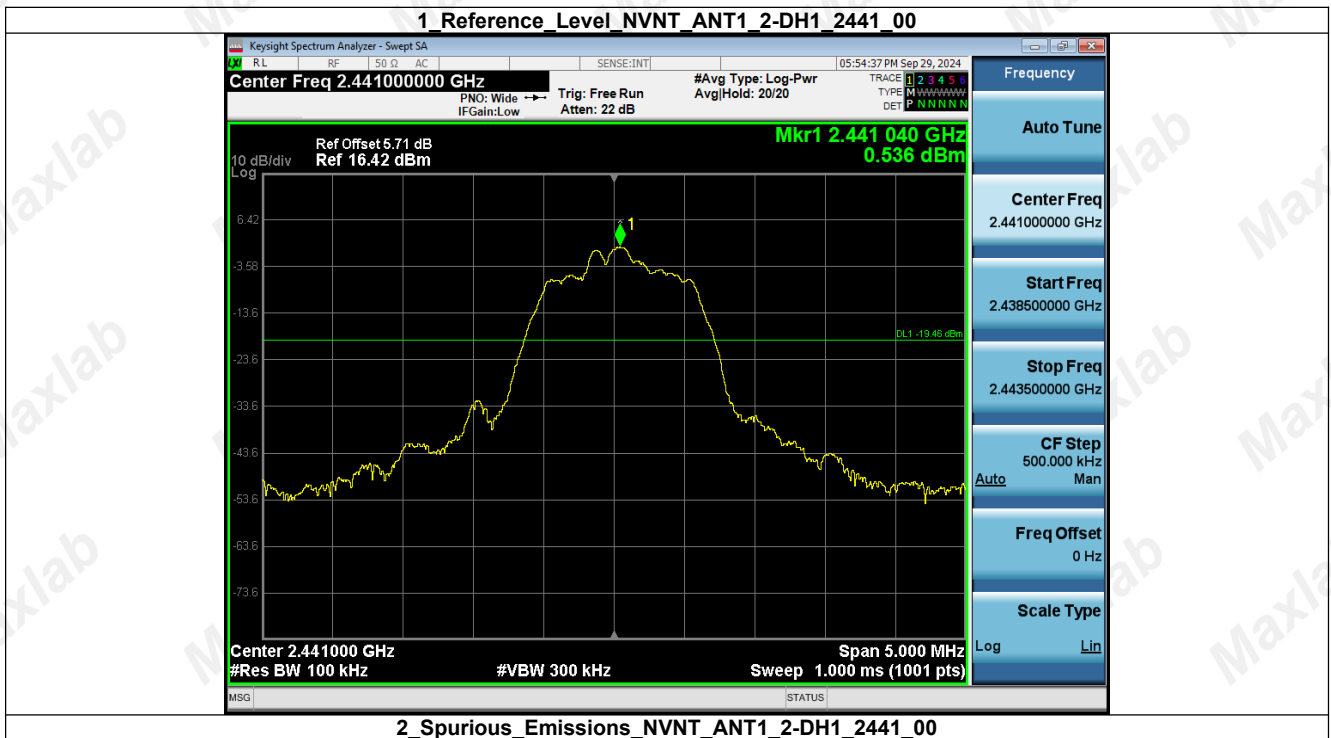
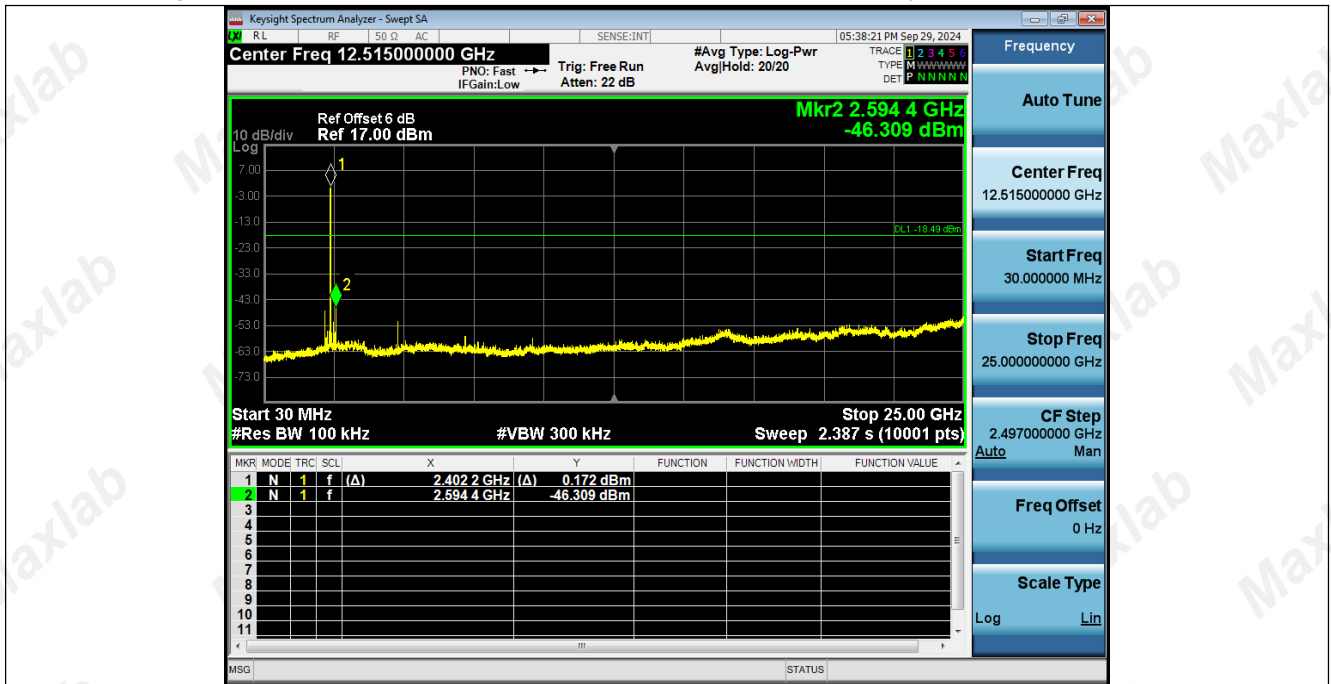
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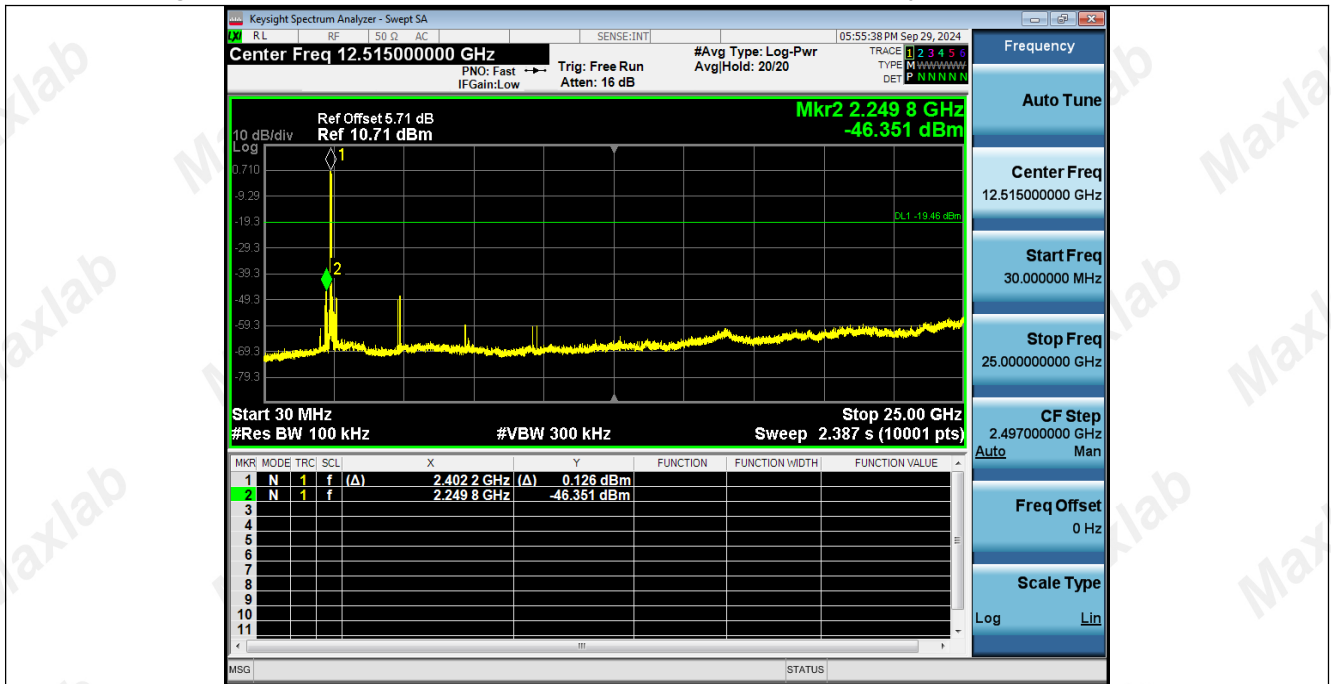
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2 Spurious Emissions NVNT_ANT1_2-DH1_2402_00



2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00

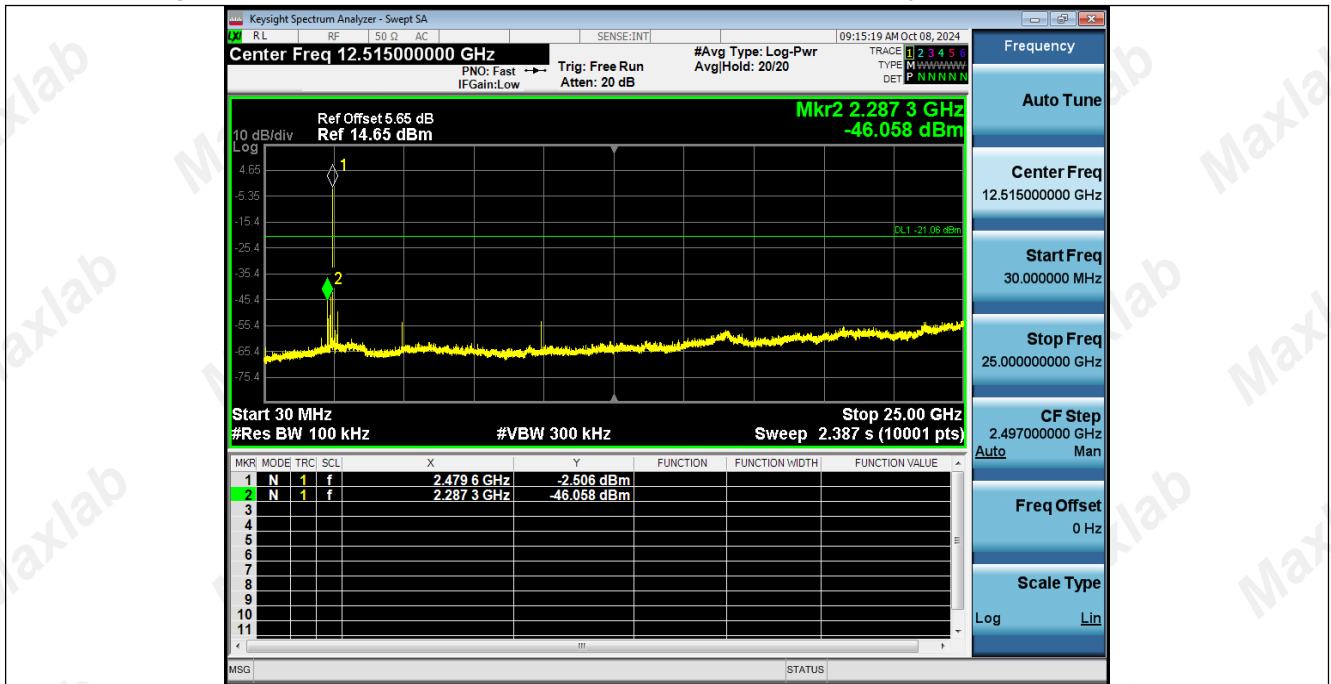


2 Spurious Emissions NVNT_ANT1_2-DH1_2480_00



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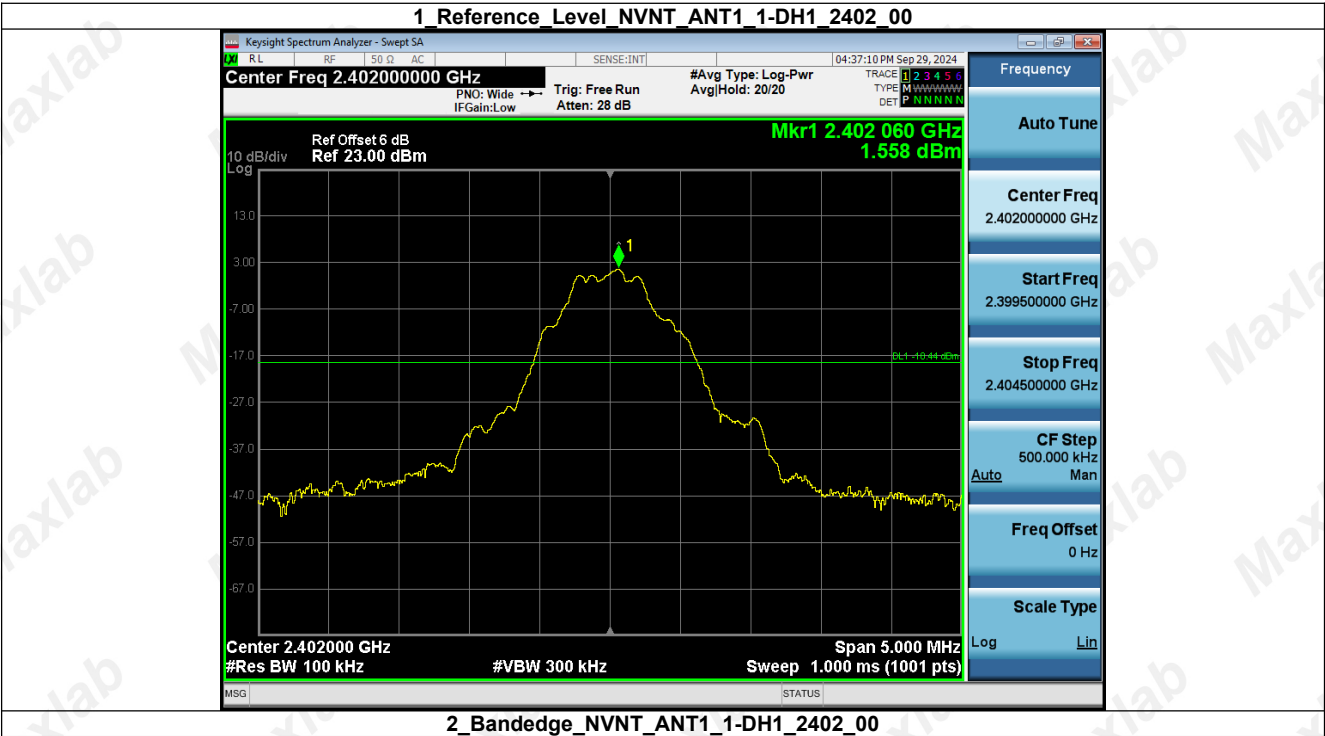
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6. Bandedge

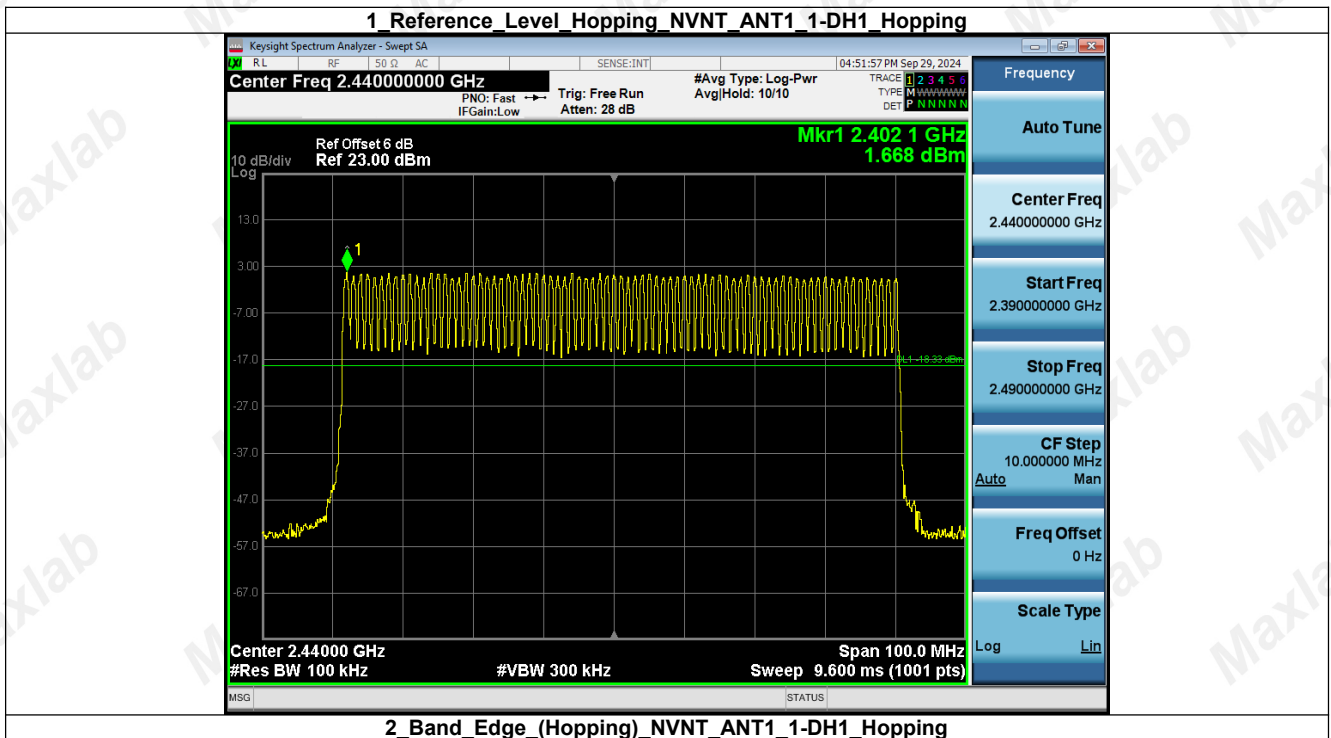
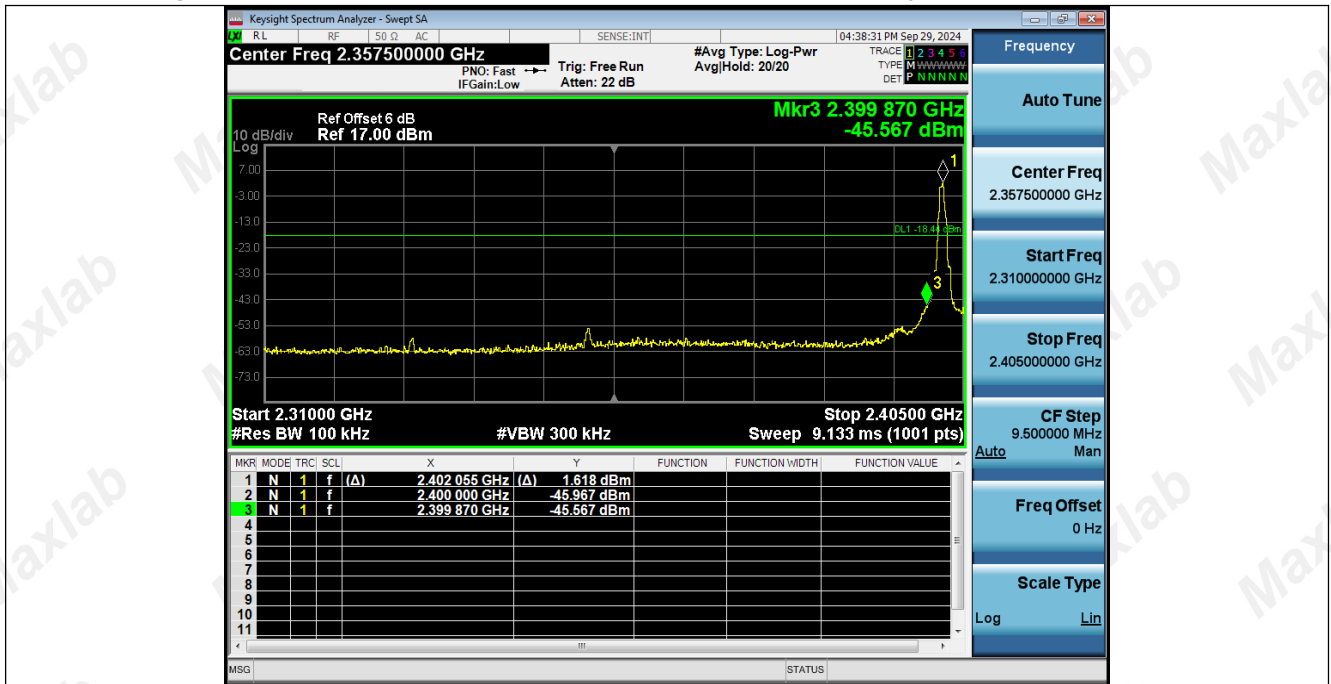
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-45.567	-18.442	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-45.224	-18.332	Pass
NVNT	ANT1	1-DH1	2480.00	-52.067	-19.888	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-51.461	-18.703	Pass
NVNT	ANT1	2-DH1	2402.00	-46.378	-18.490	Pass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



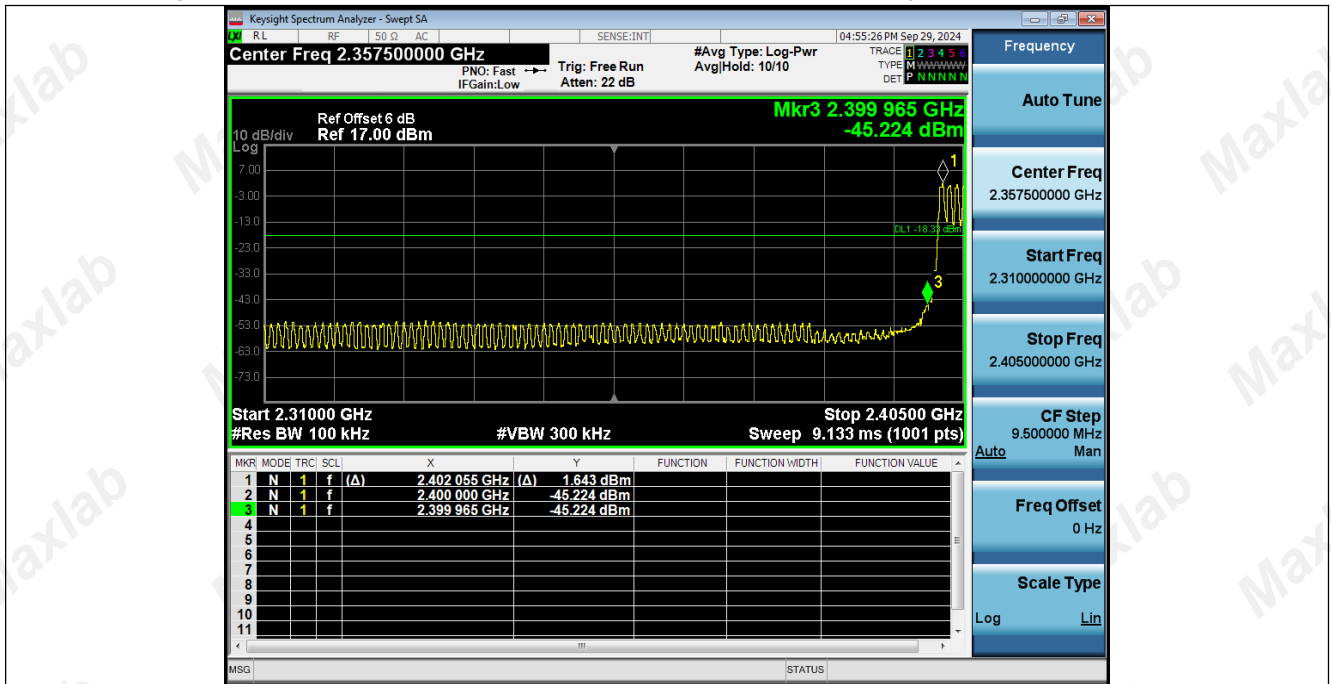


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2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



2 Bandedge_NVNT_ANT1_1-DH1_2480_00

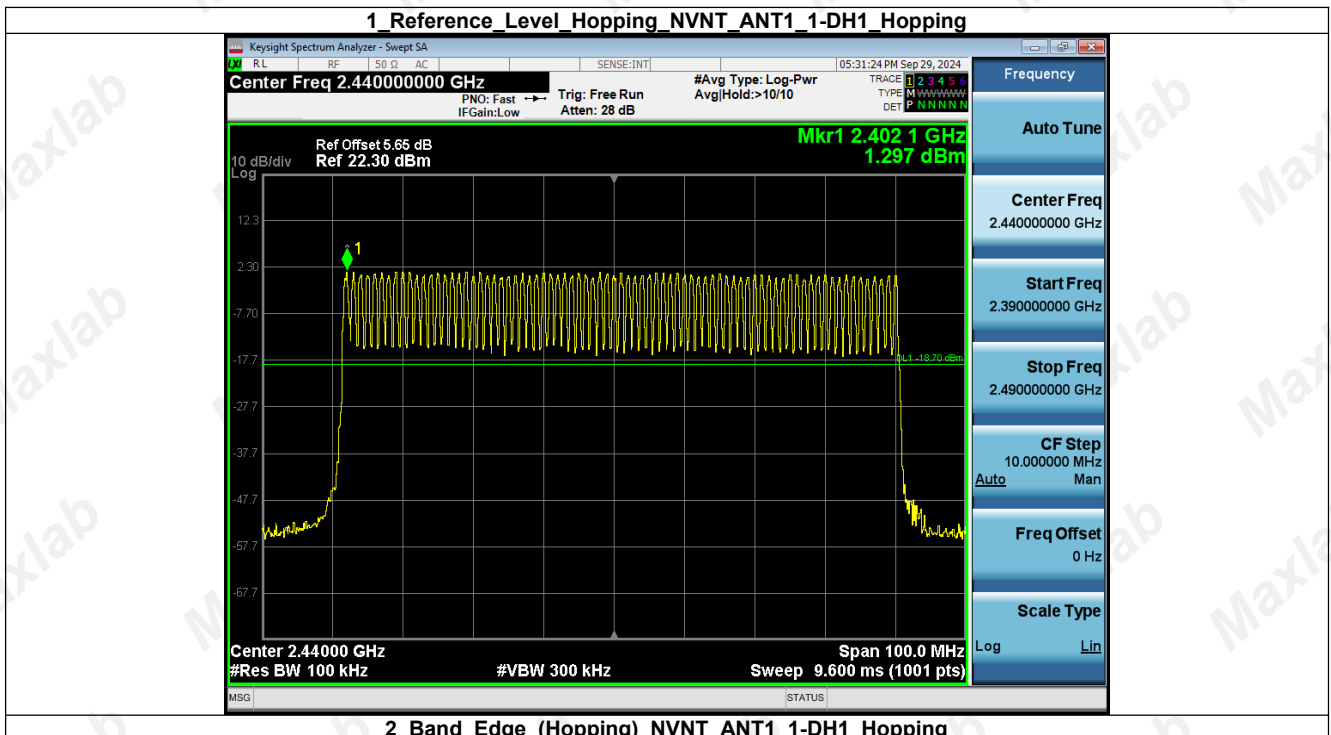


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1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping

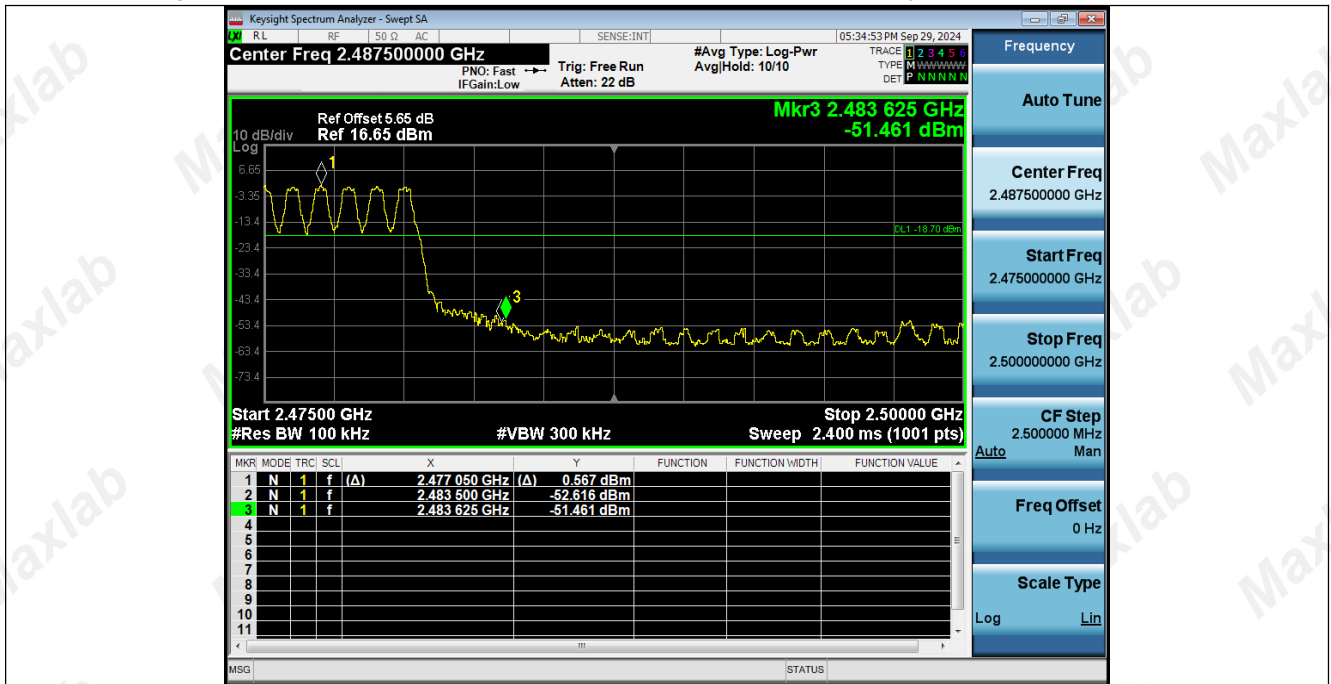


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



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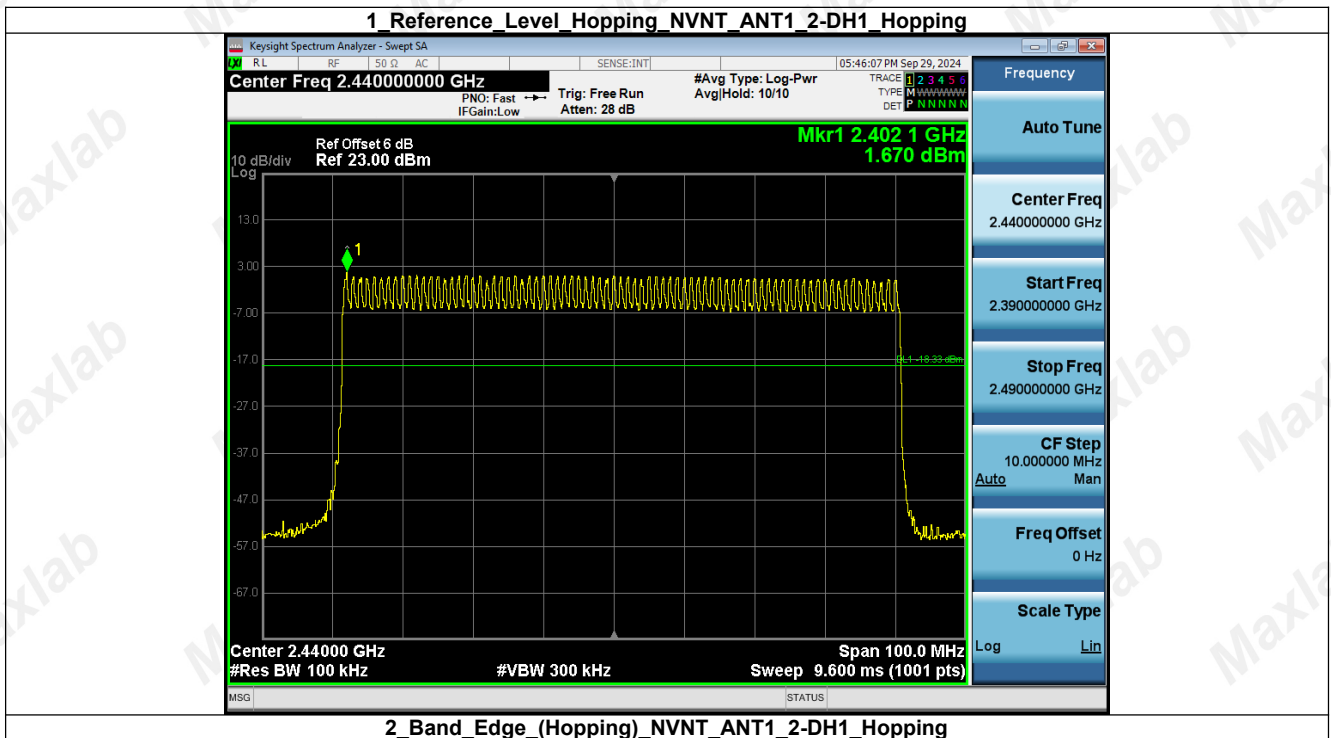
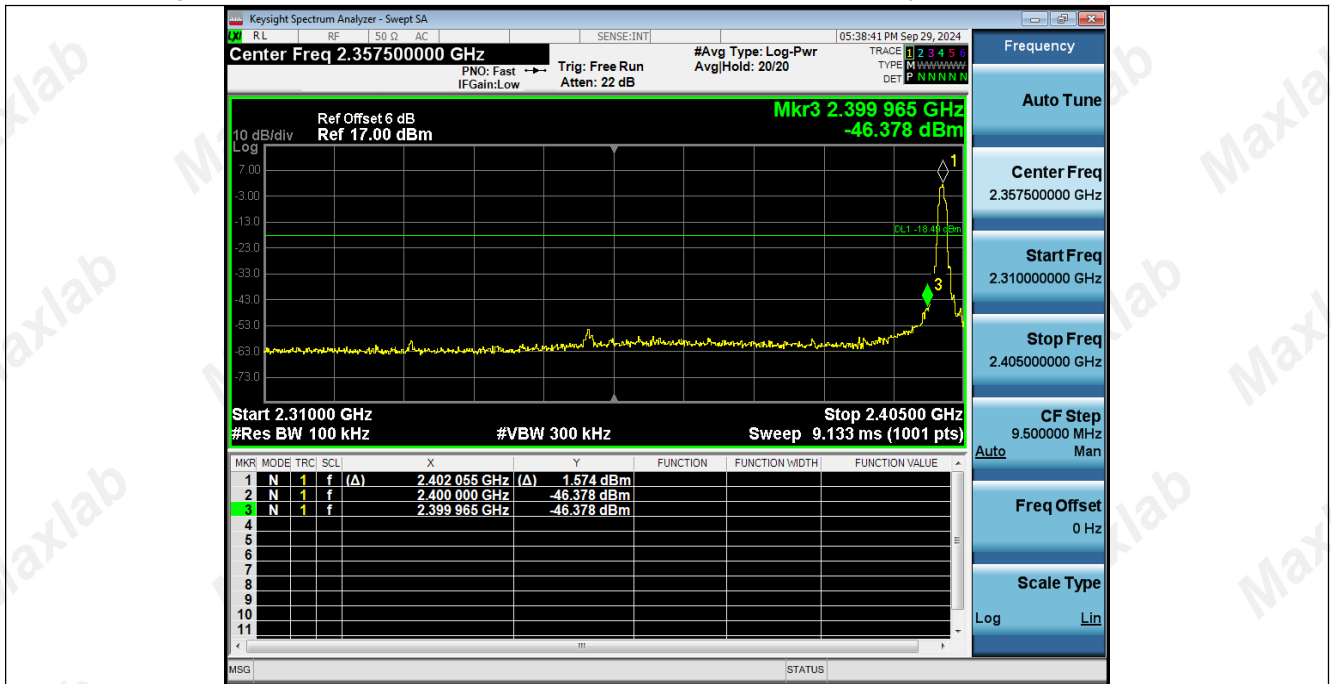


2_Bandedge_NVNT_ANT1_2-DH1_2402_00



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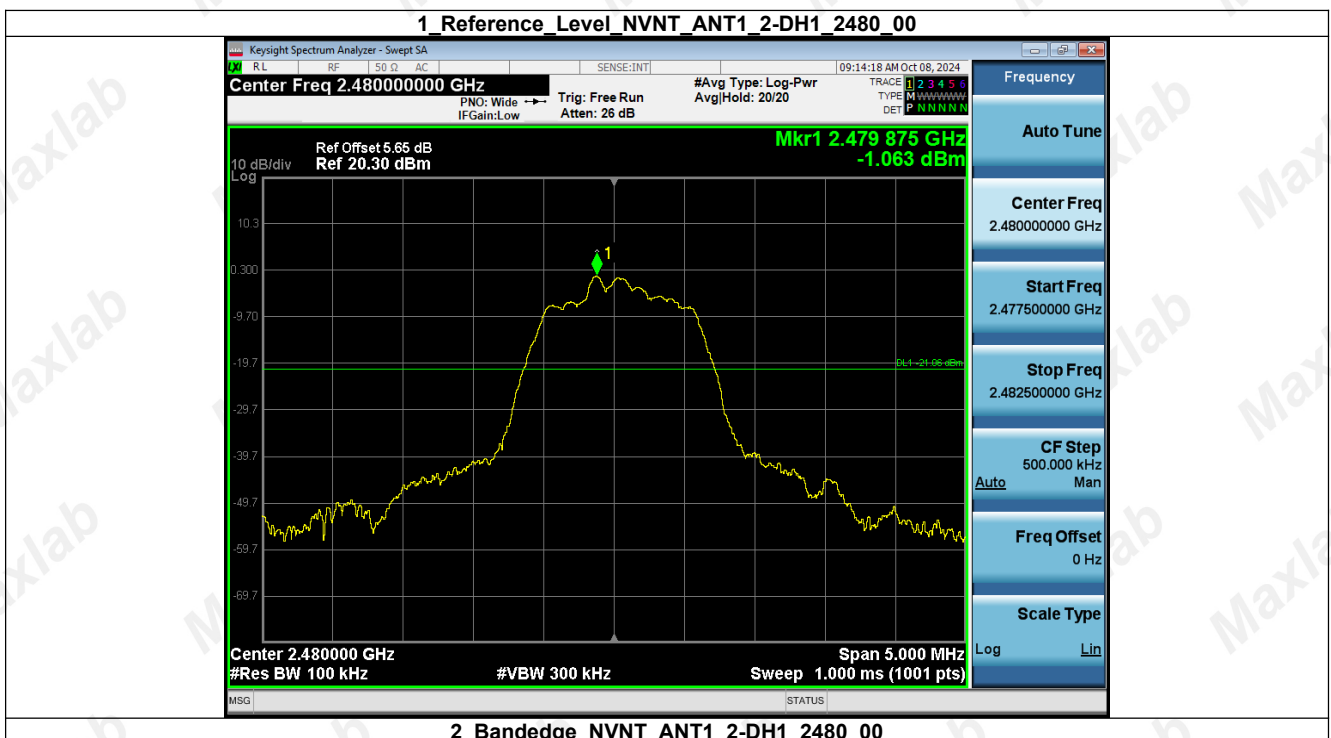
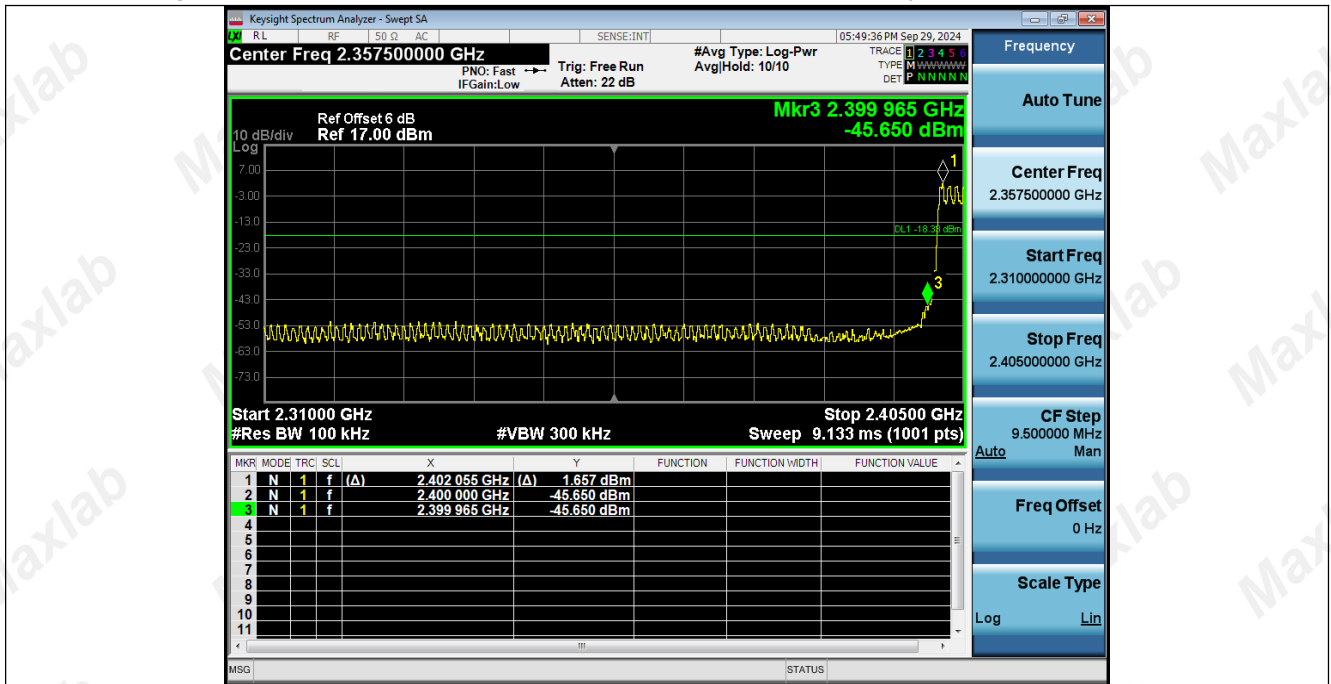


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

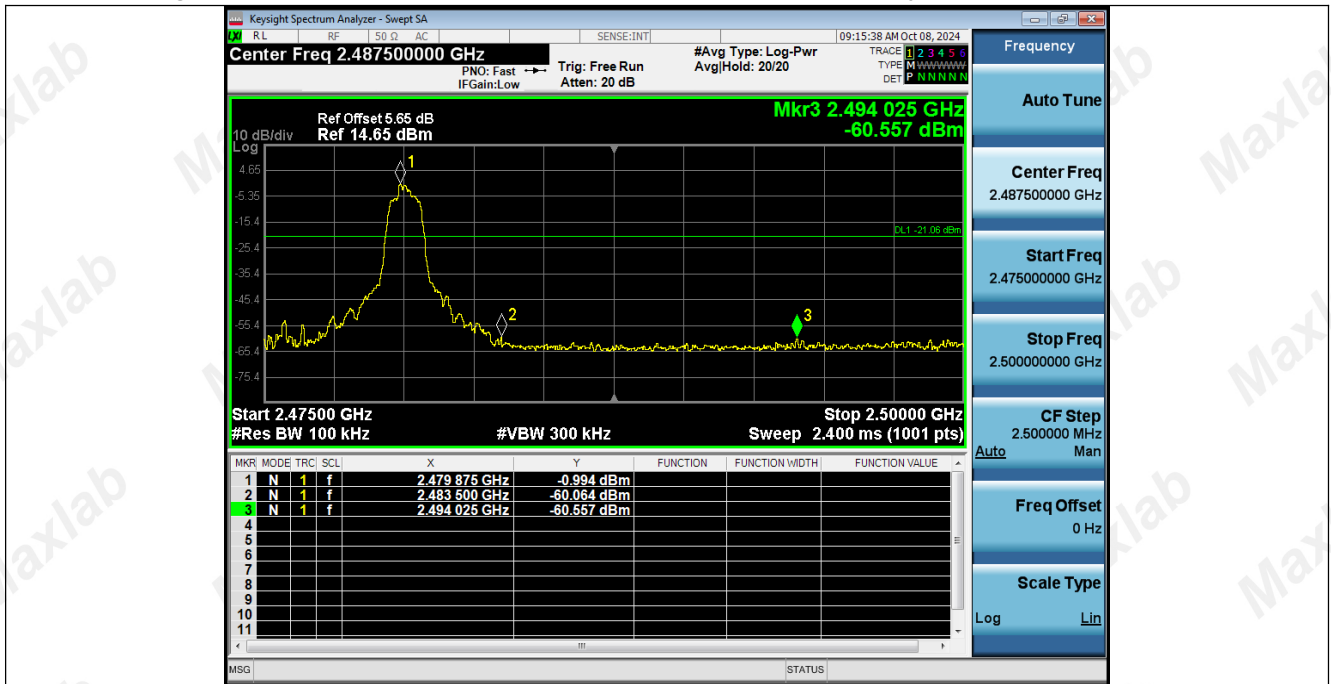


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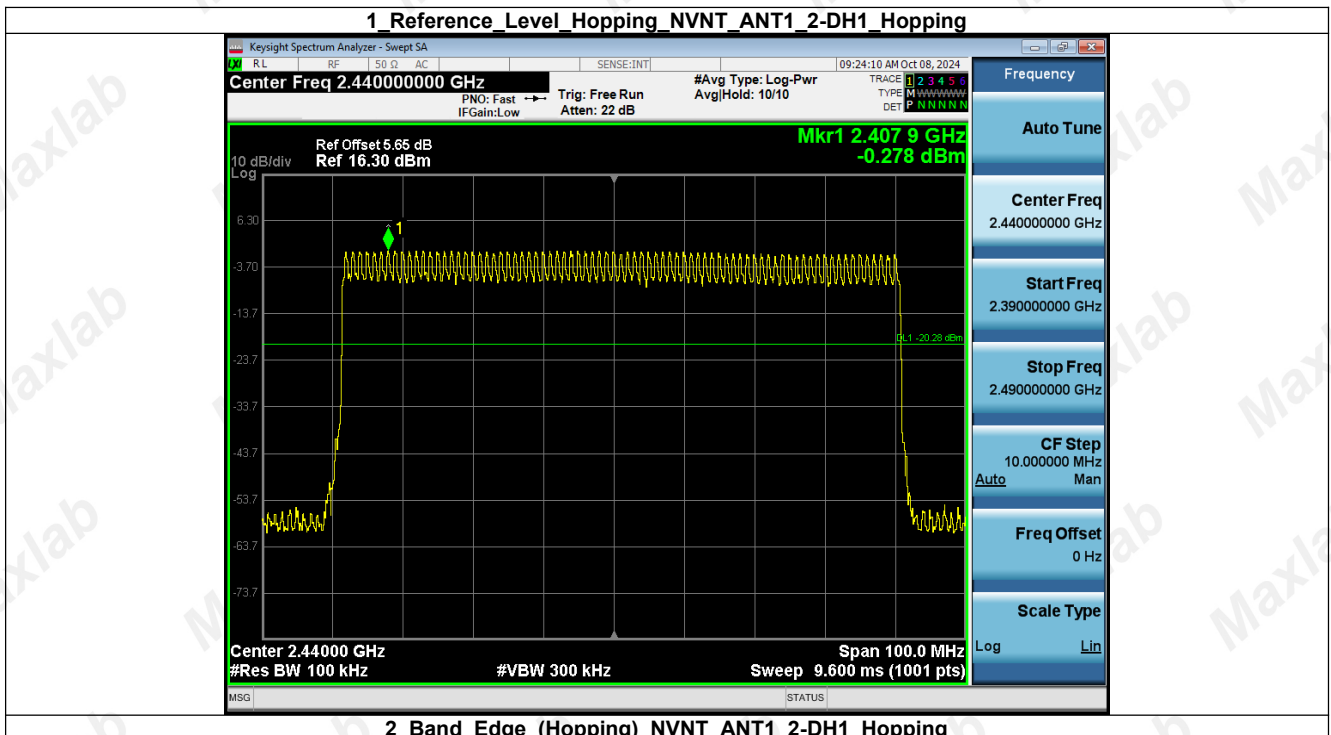
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2 Bandedge NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

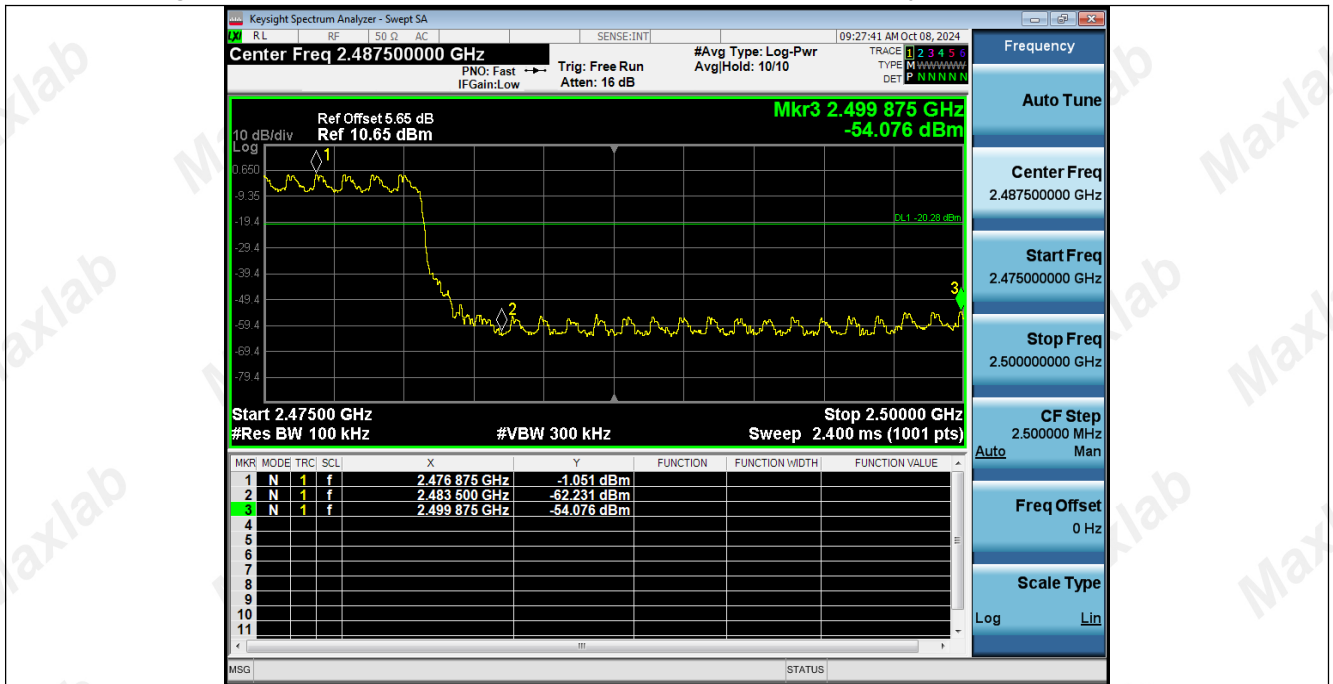


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



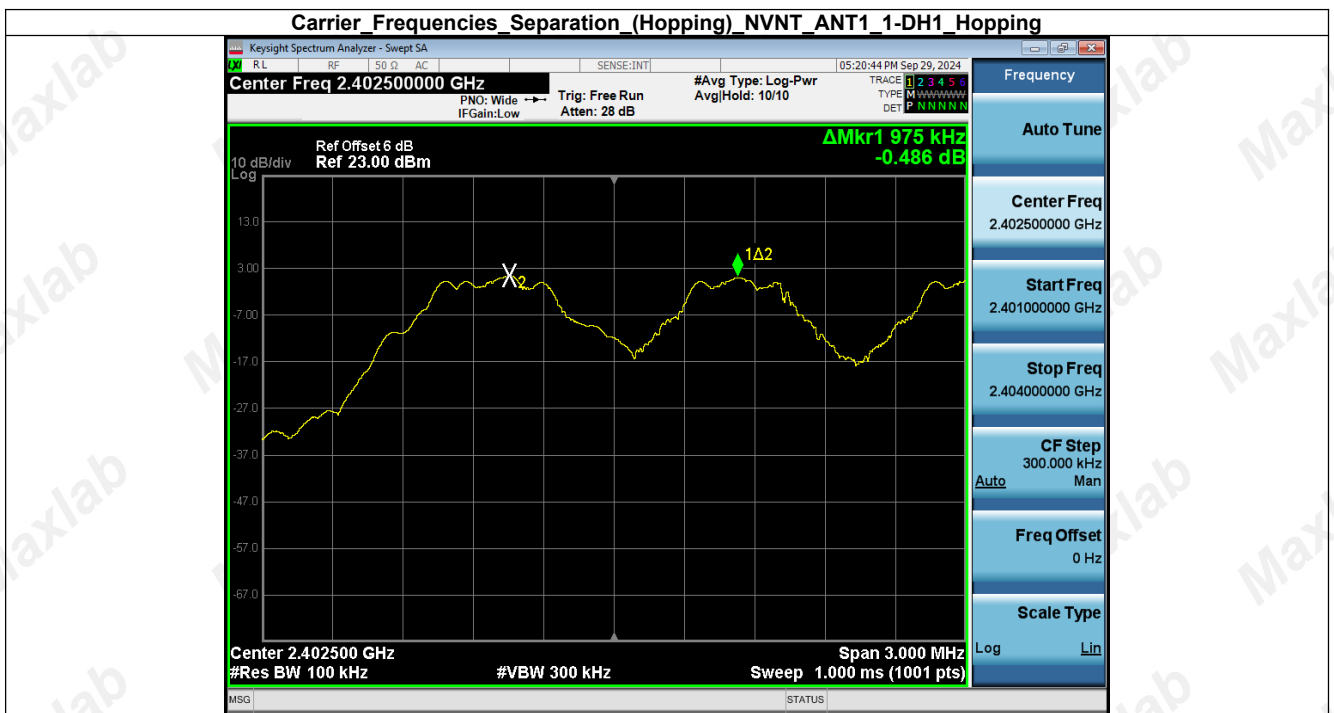
MAXLAB Testing Co.,Ltd.

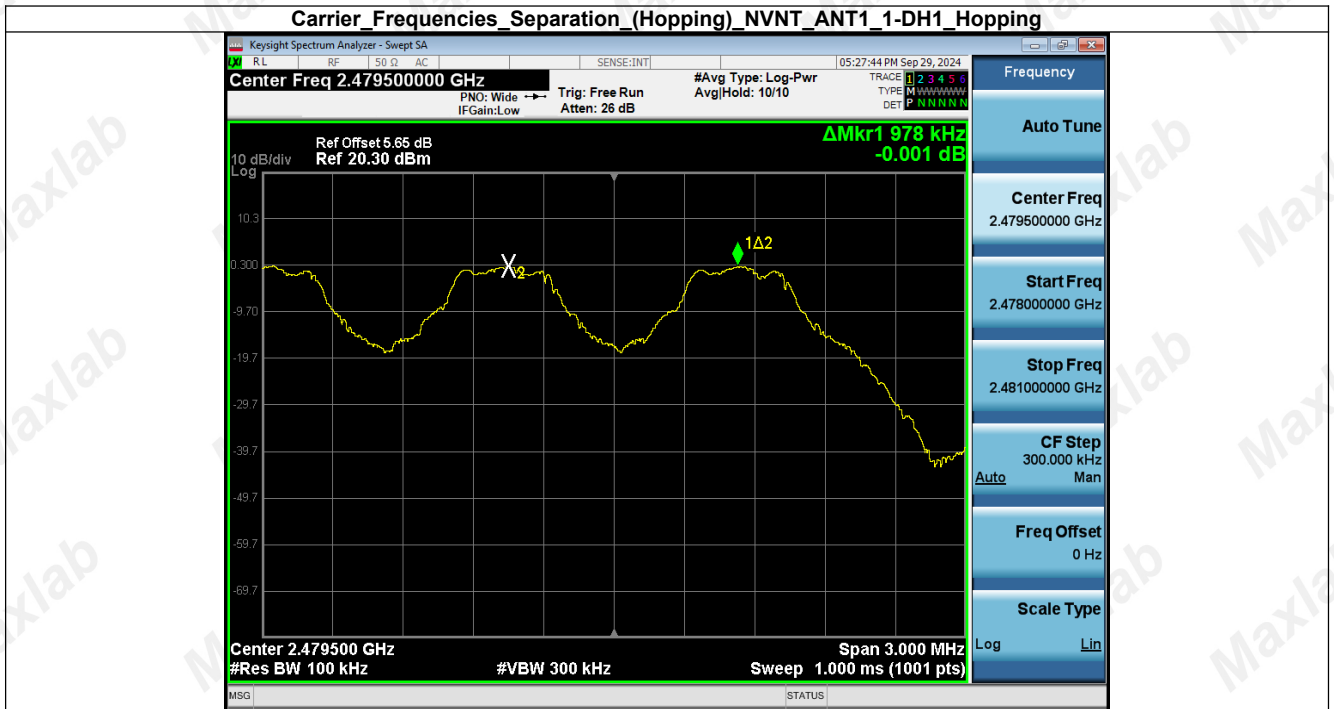
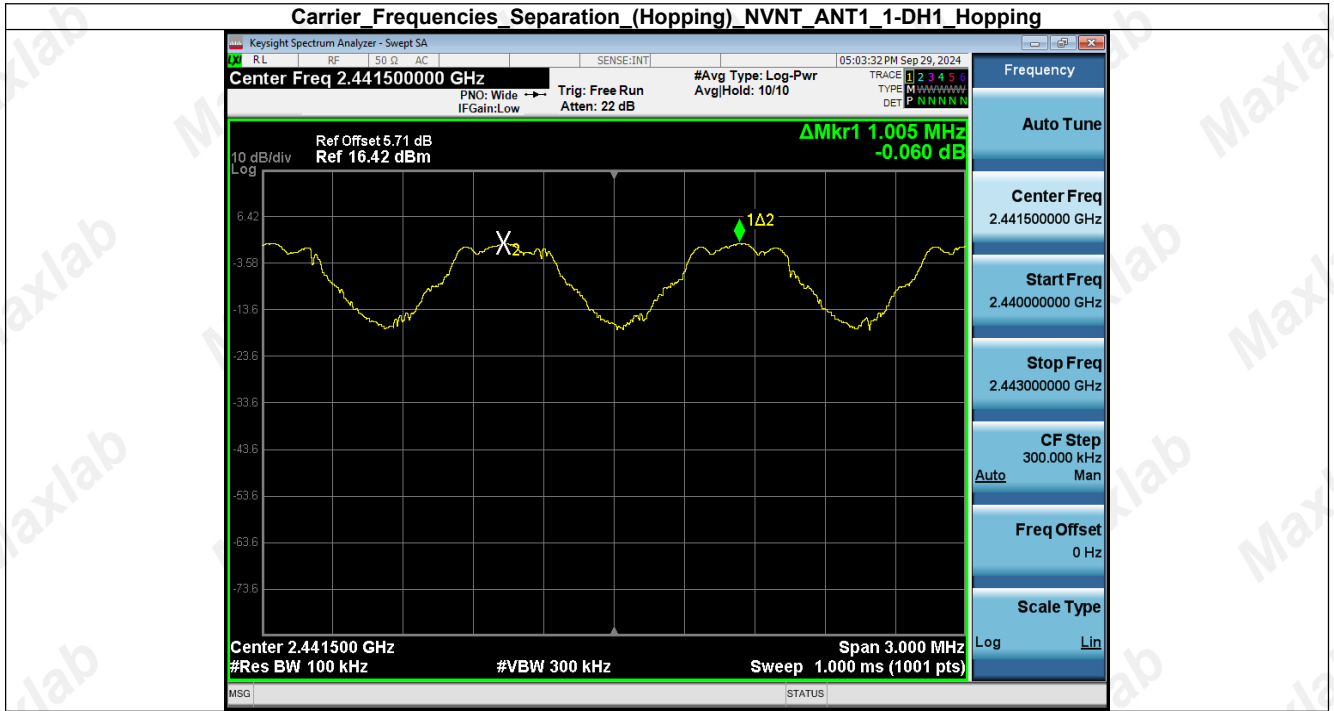
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7. Carrier Frequencies Separation (Hopping)

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





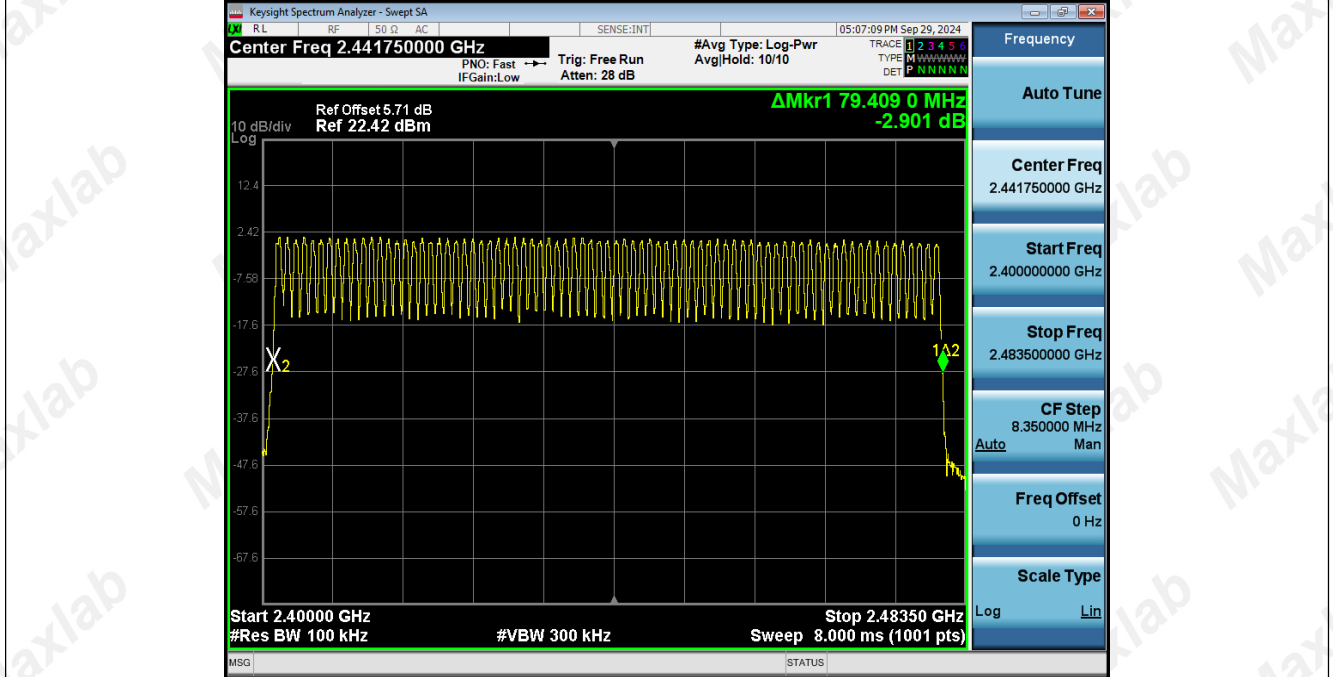




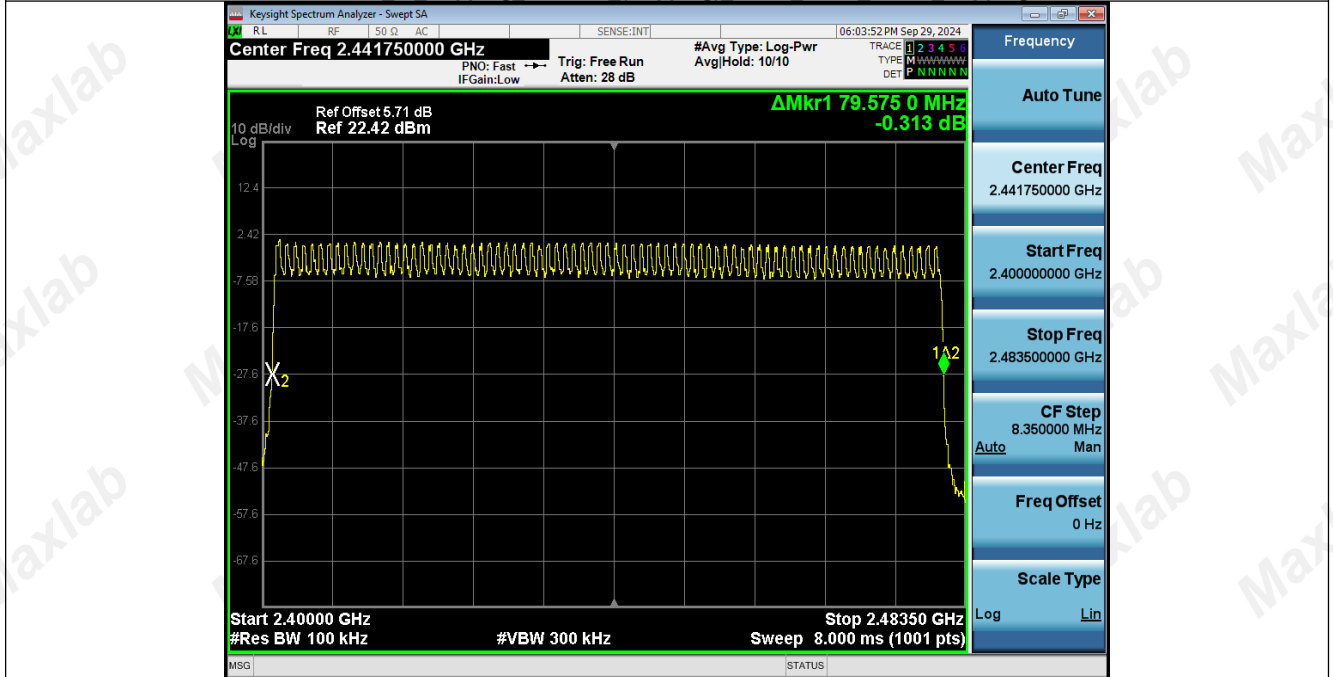
8. Number of Hopping Channel (Hopping)

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



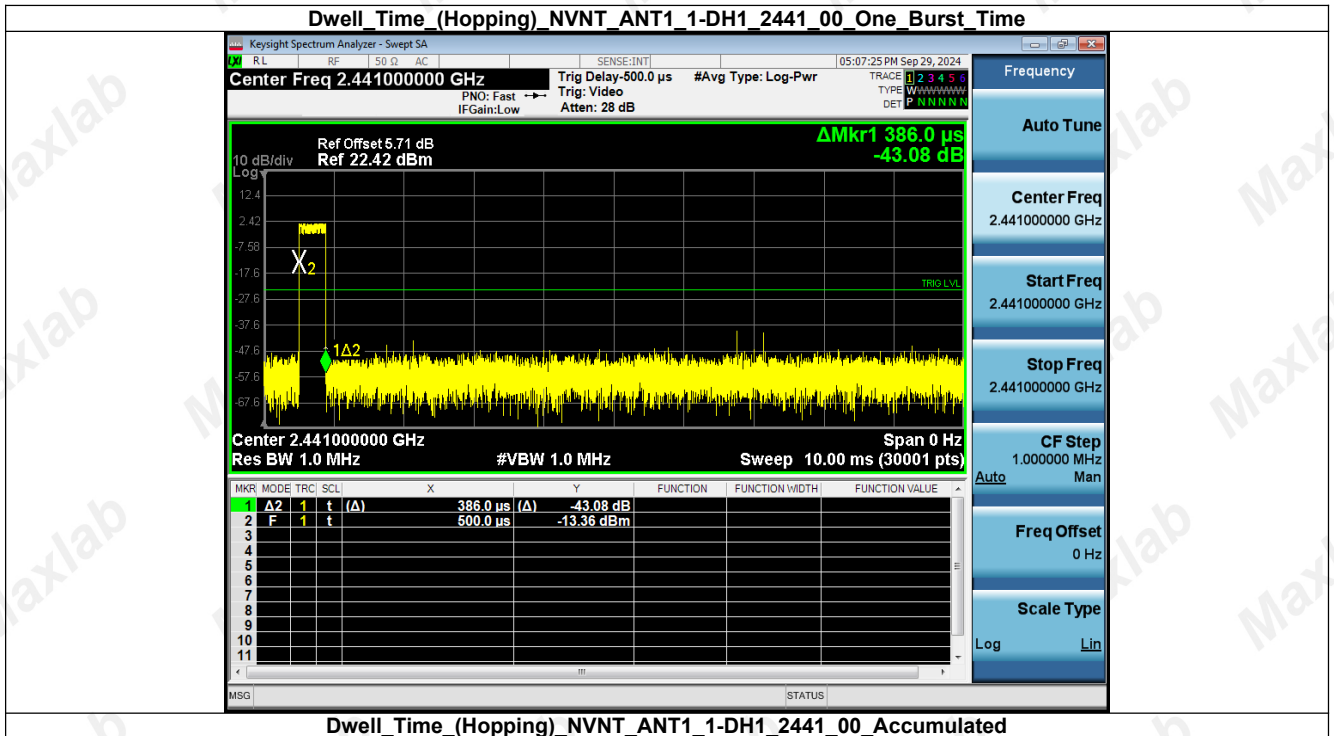


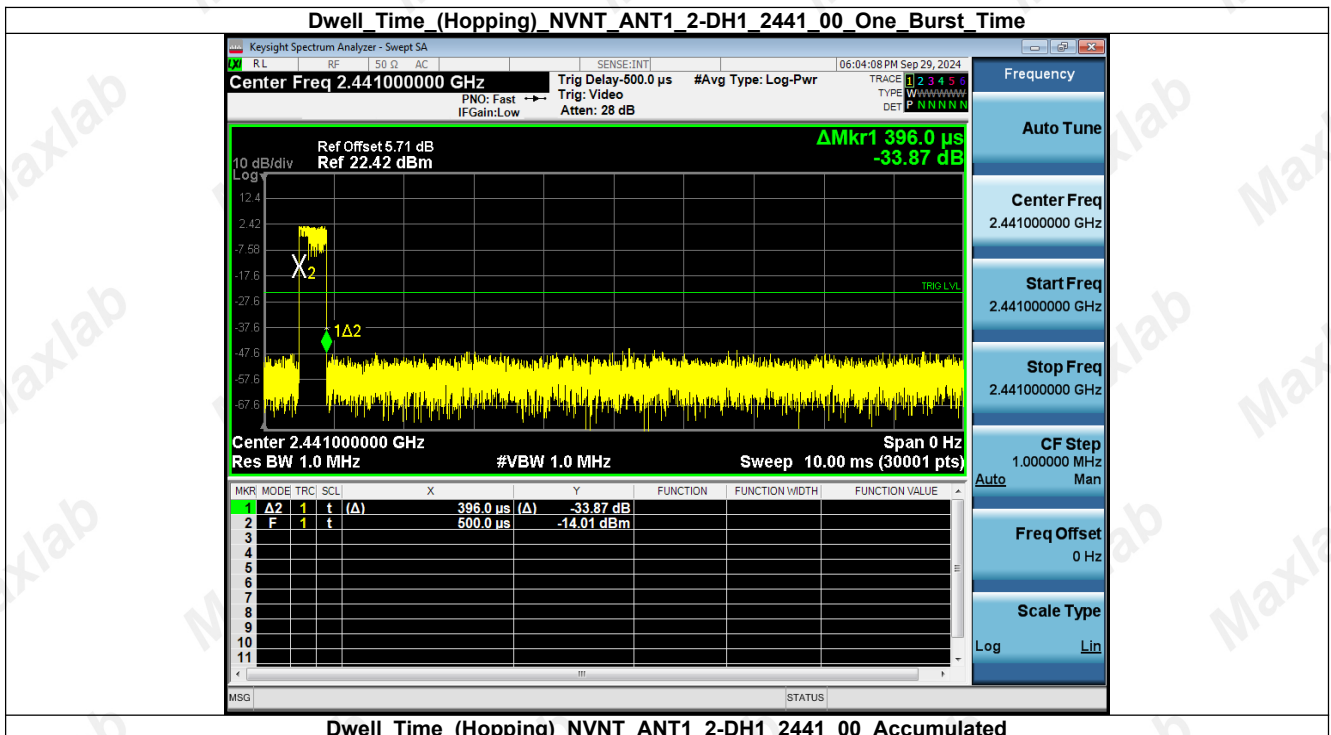
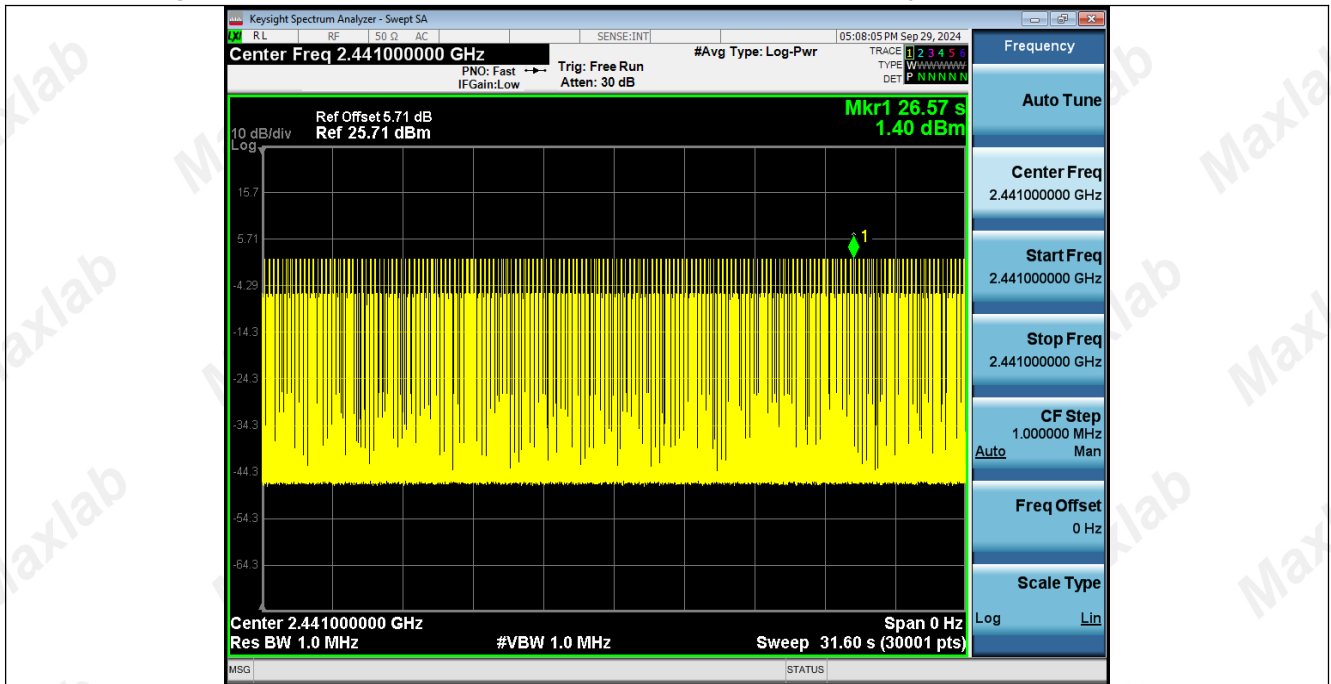
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9. Dwell Time (Hopping)

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



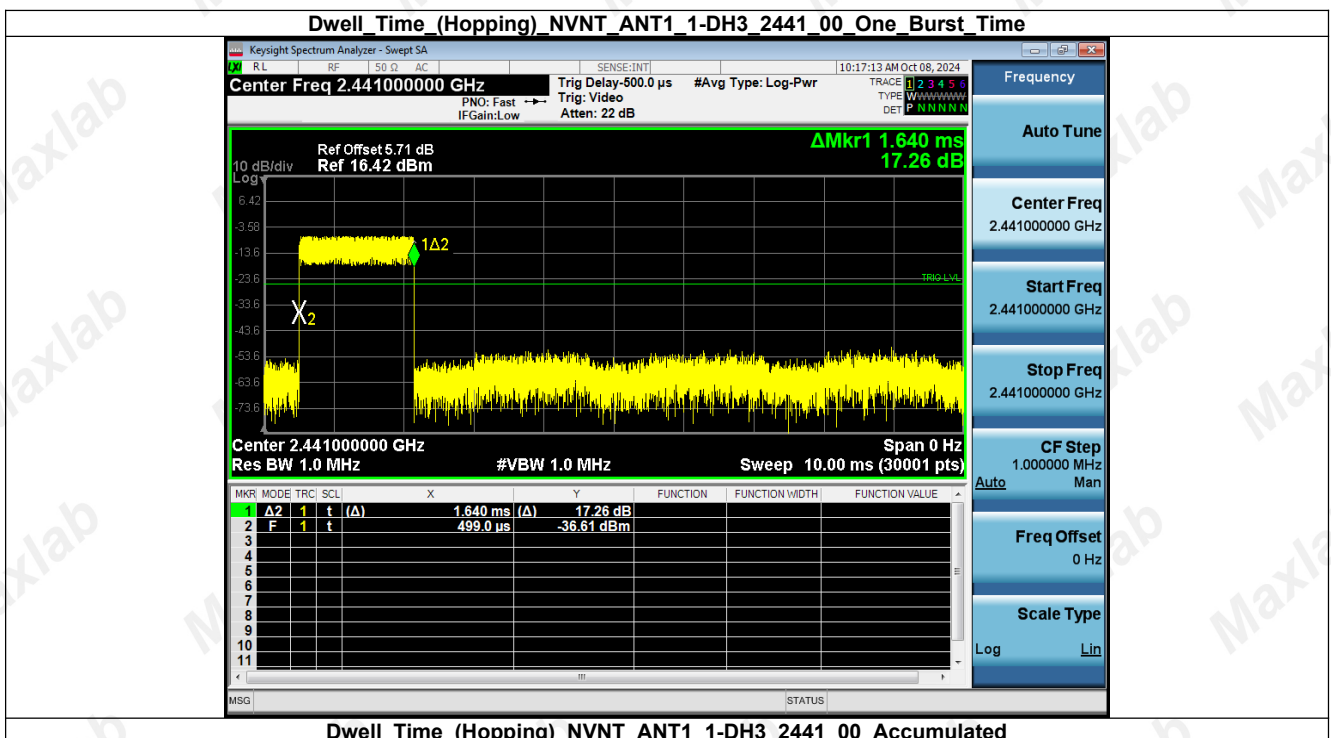
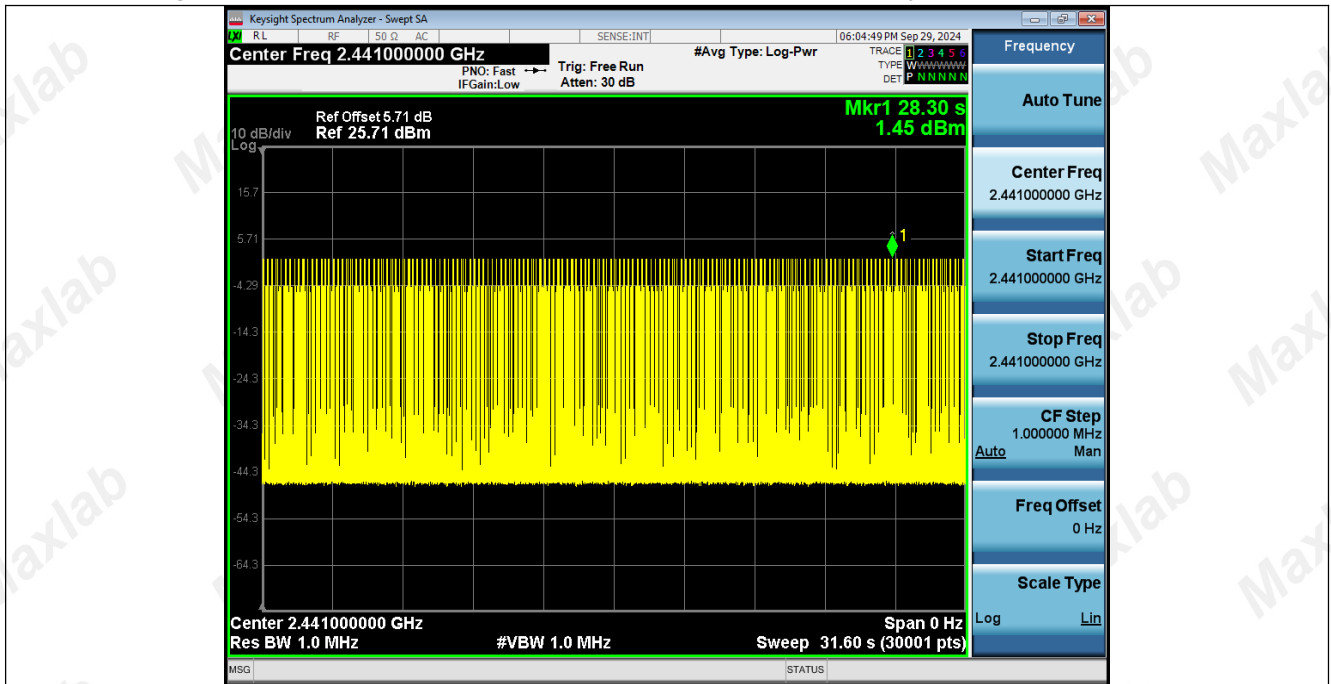


Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated

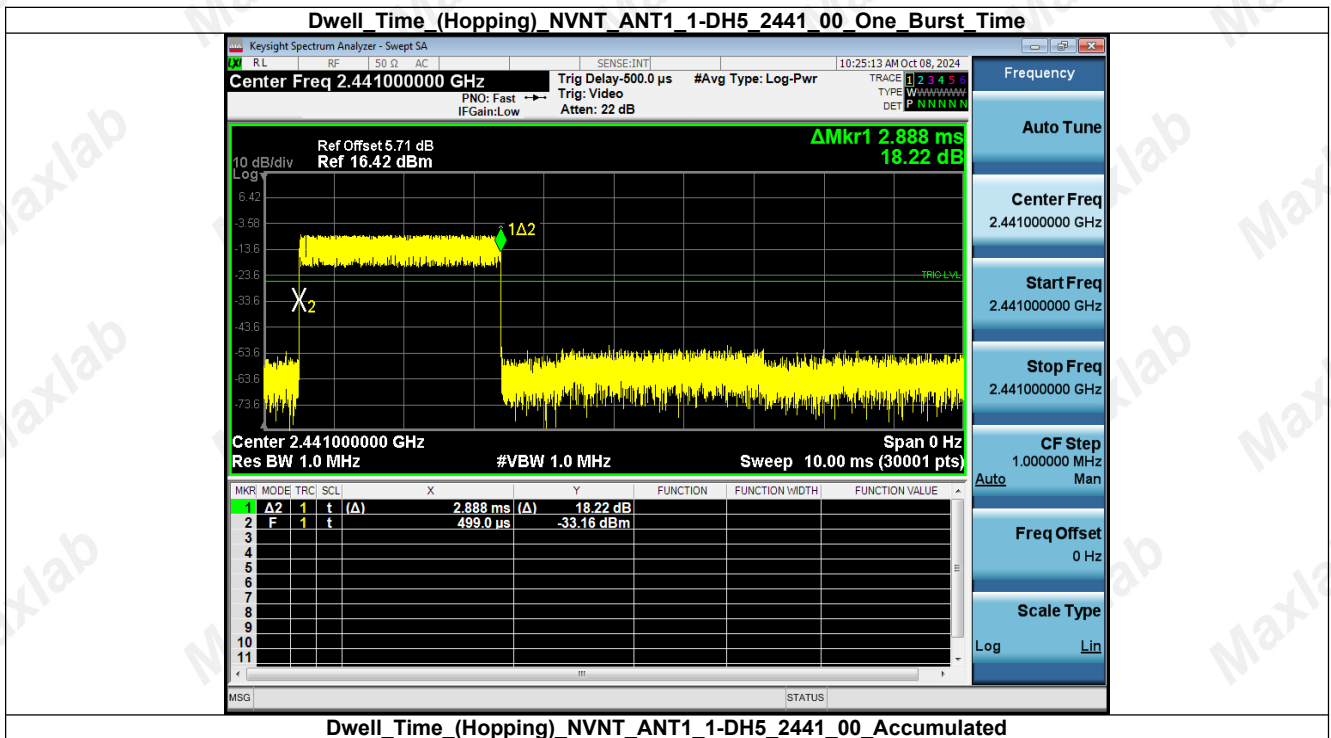
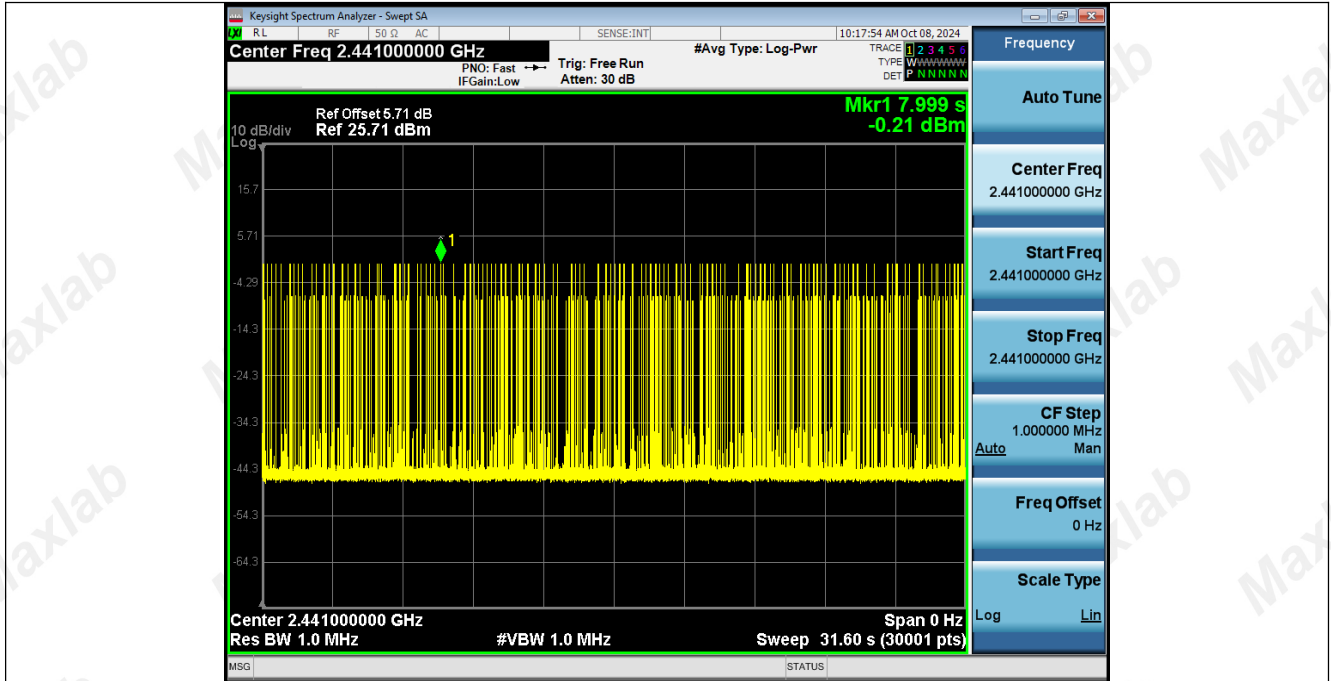


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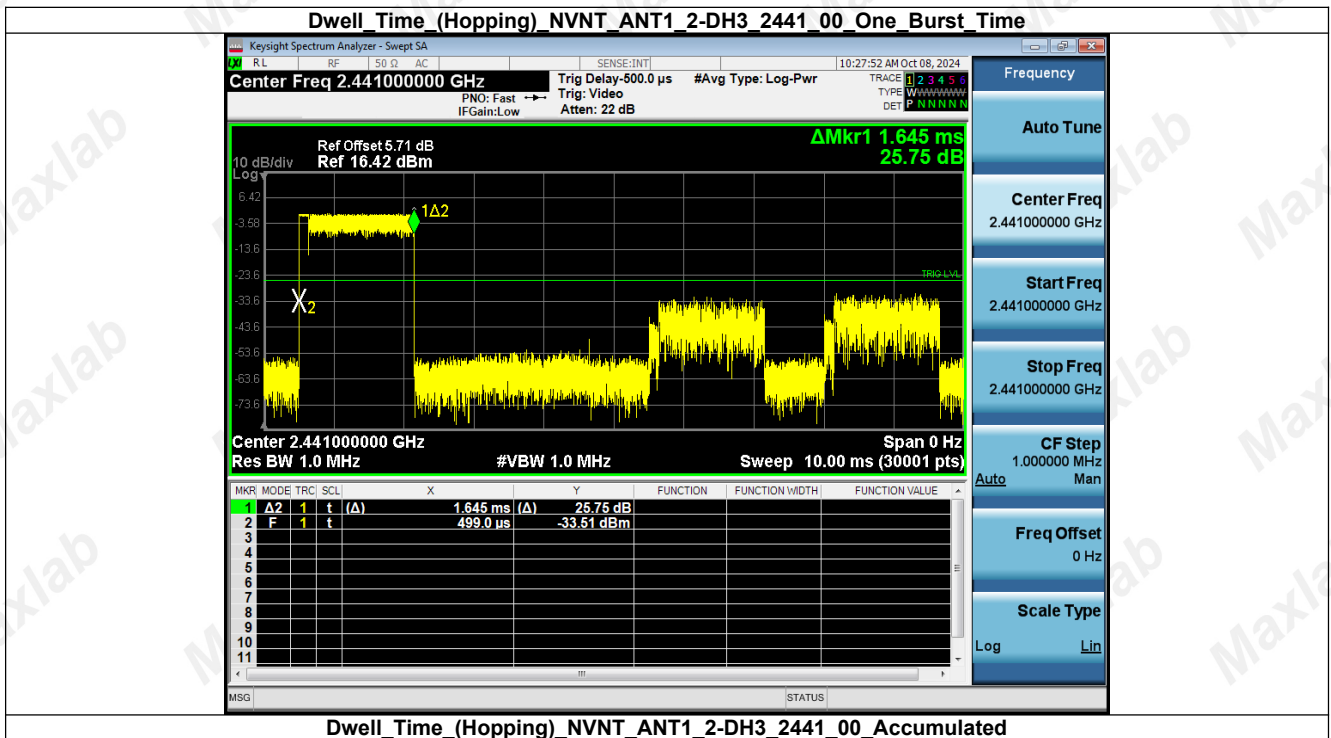
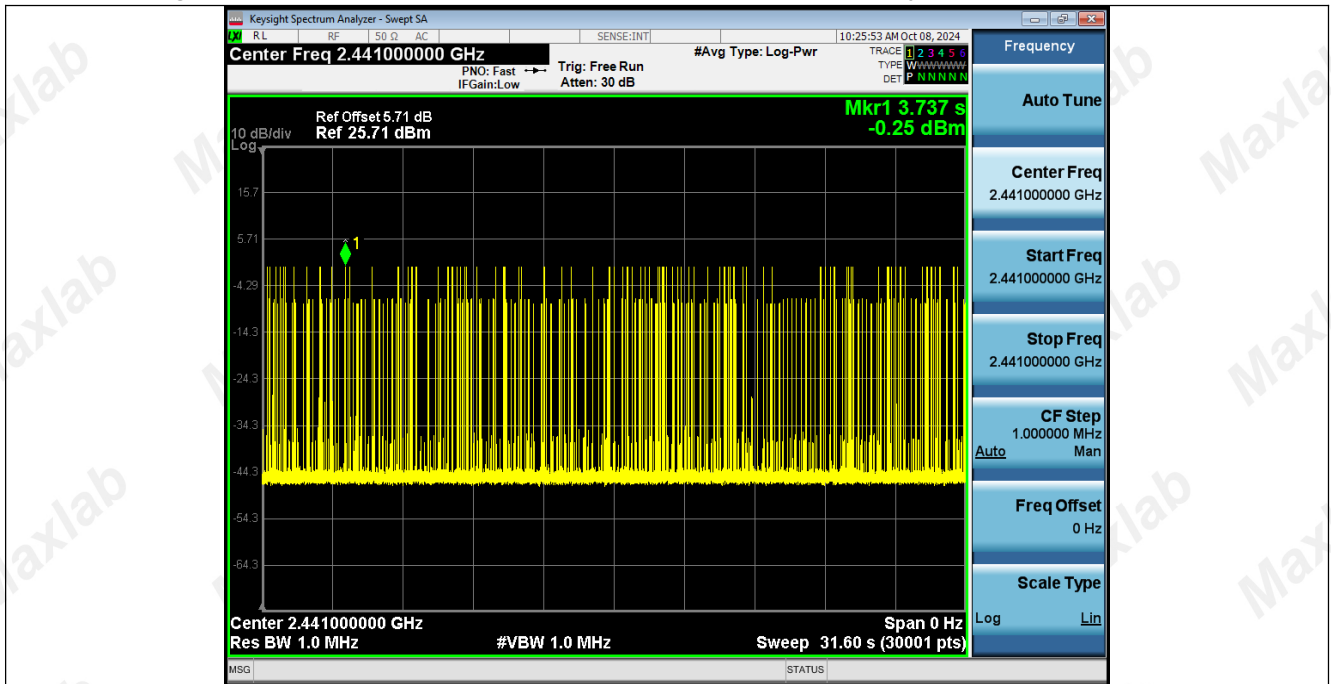
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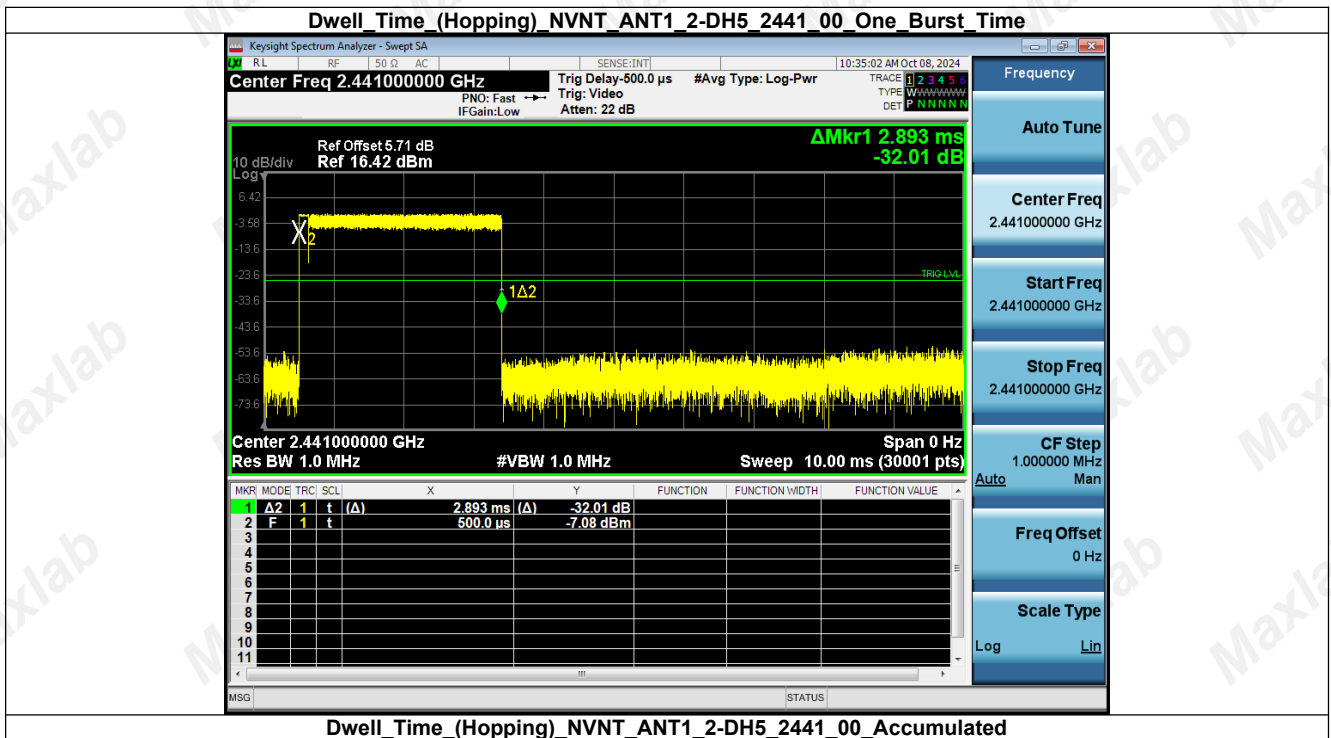
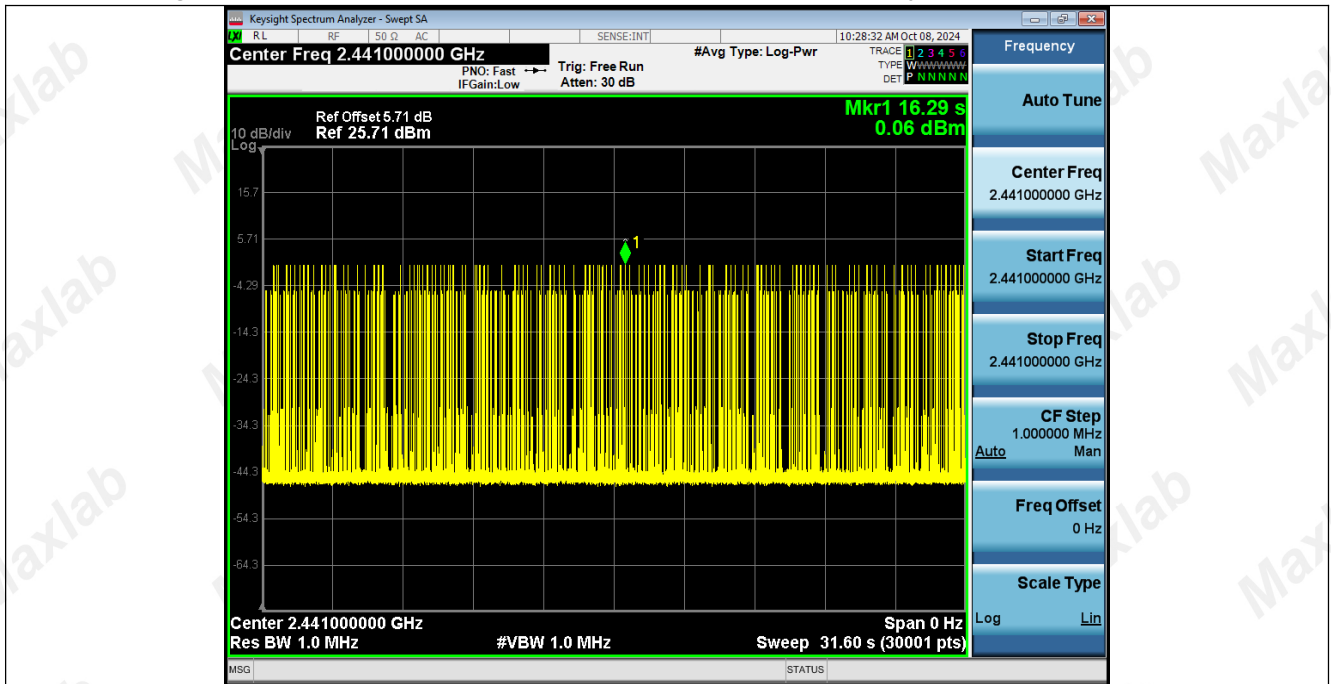
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



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



MAXLAB Testing Co.,Ltd.

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