



MAXLAB Testing Co.,Ltd.

Report No.: MAX250220110P01-R01

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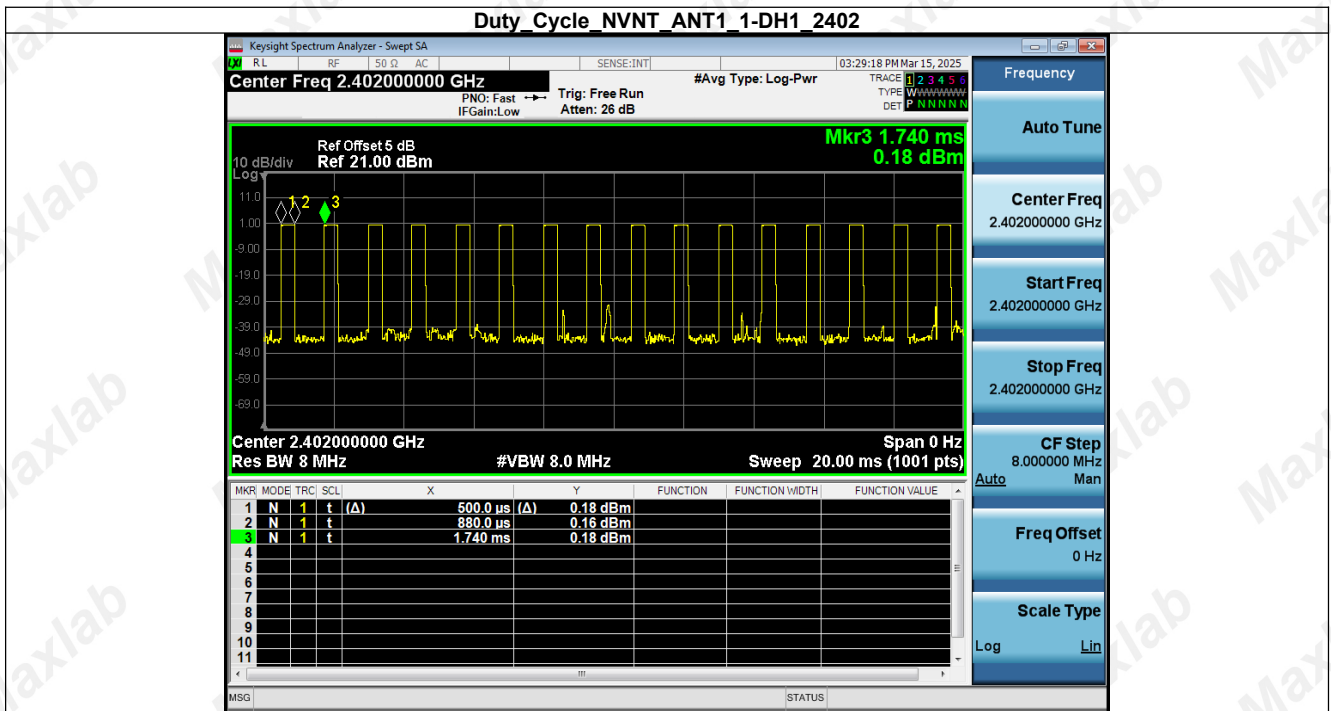
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FCC ID: 2BN8A-U01

FCC (Part15.247) Test Data

1. Duty Cycle

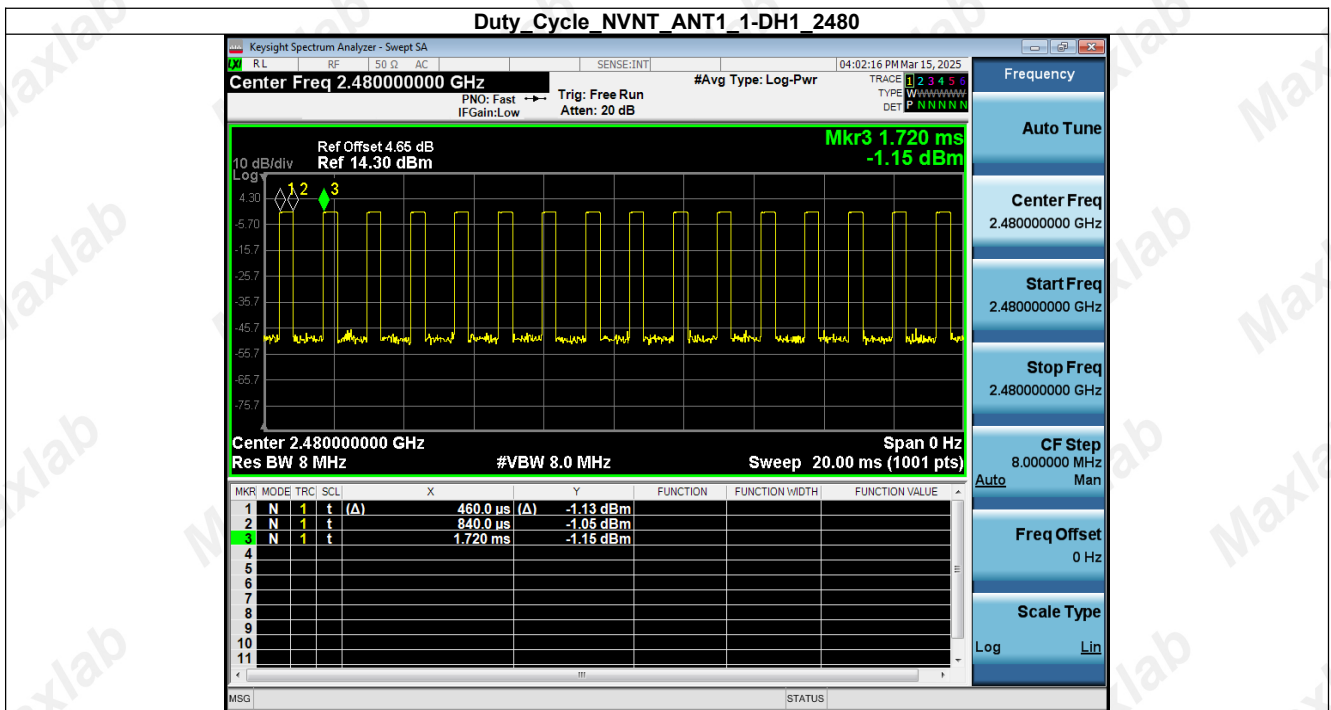
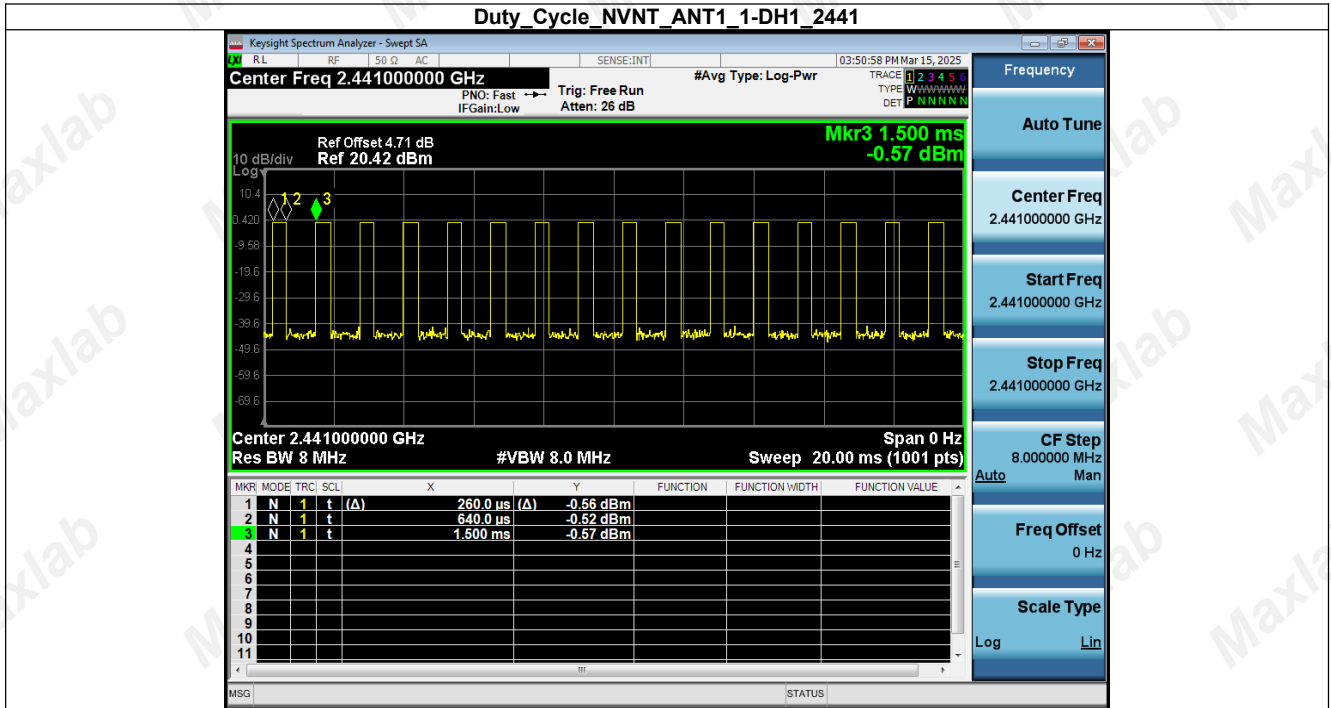
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.16	5.21





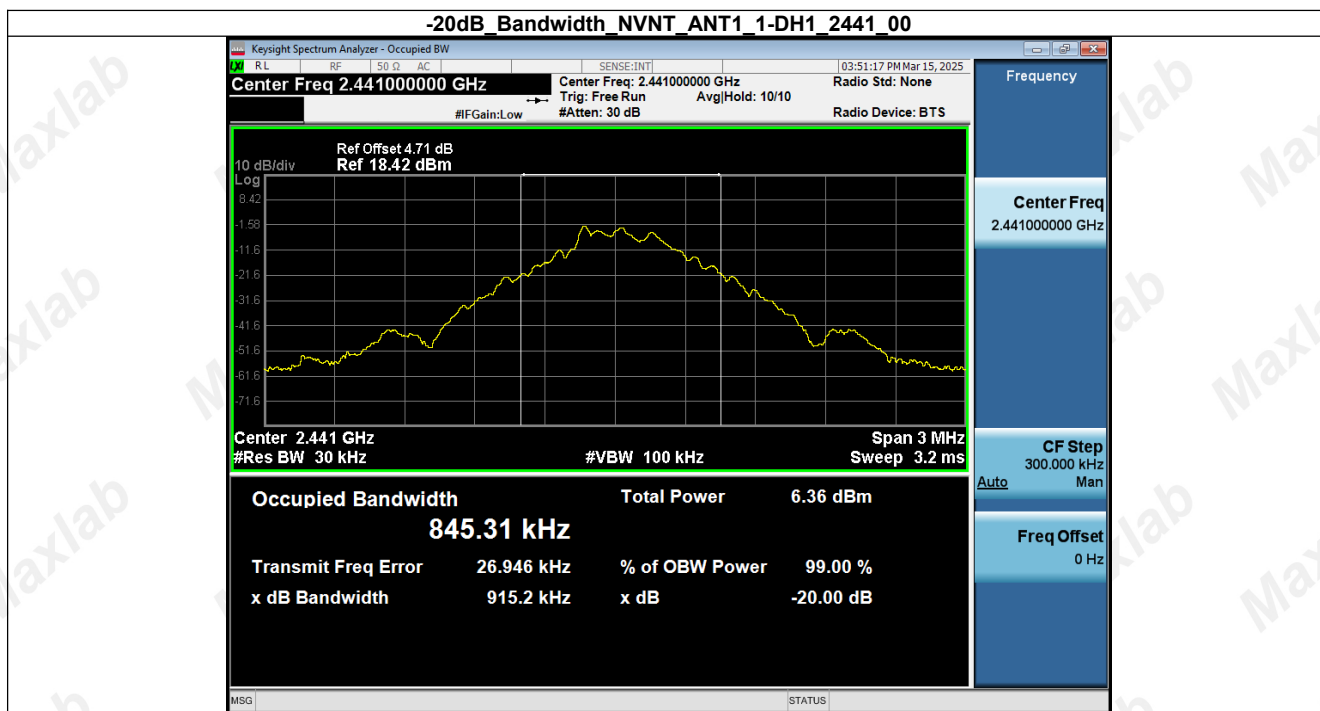
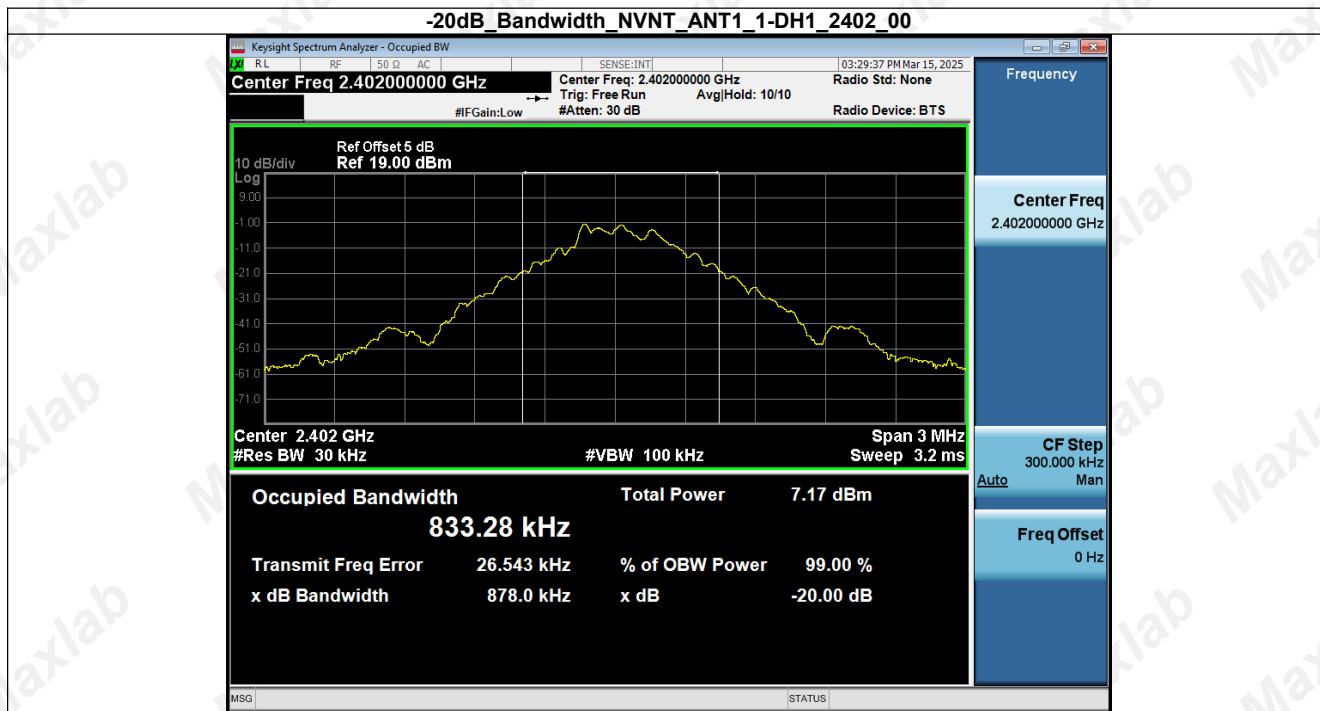
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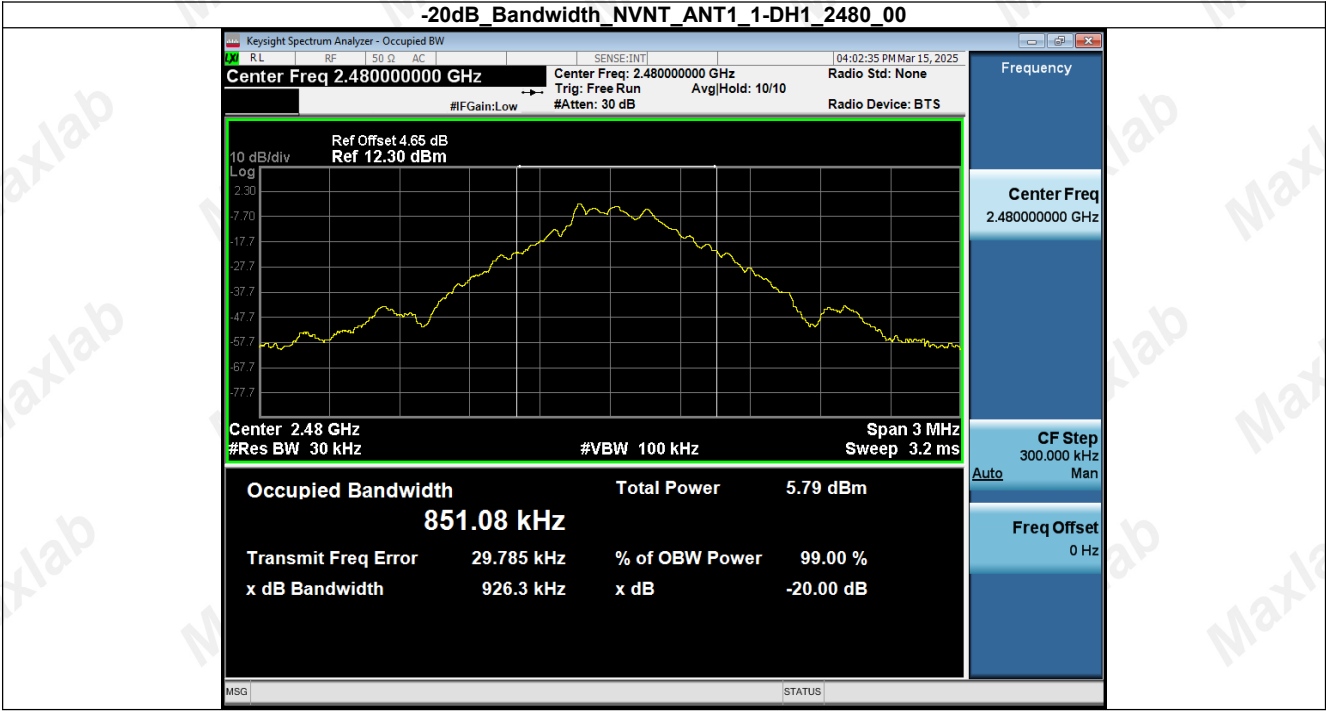
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2. -20dB Bandwidth

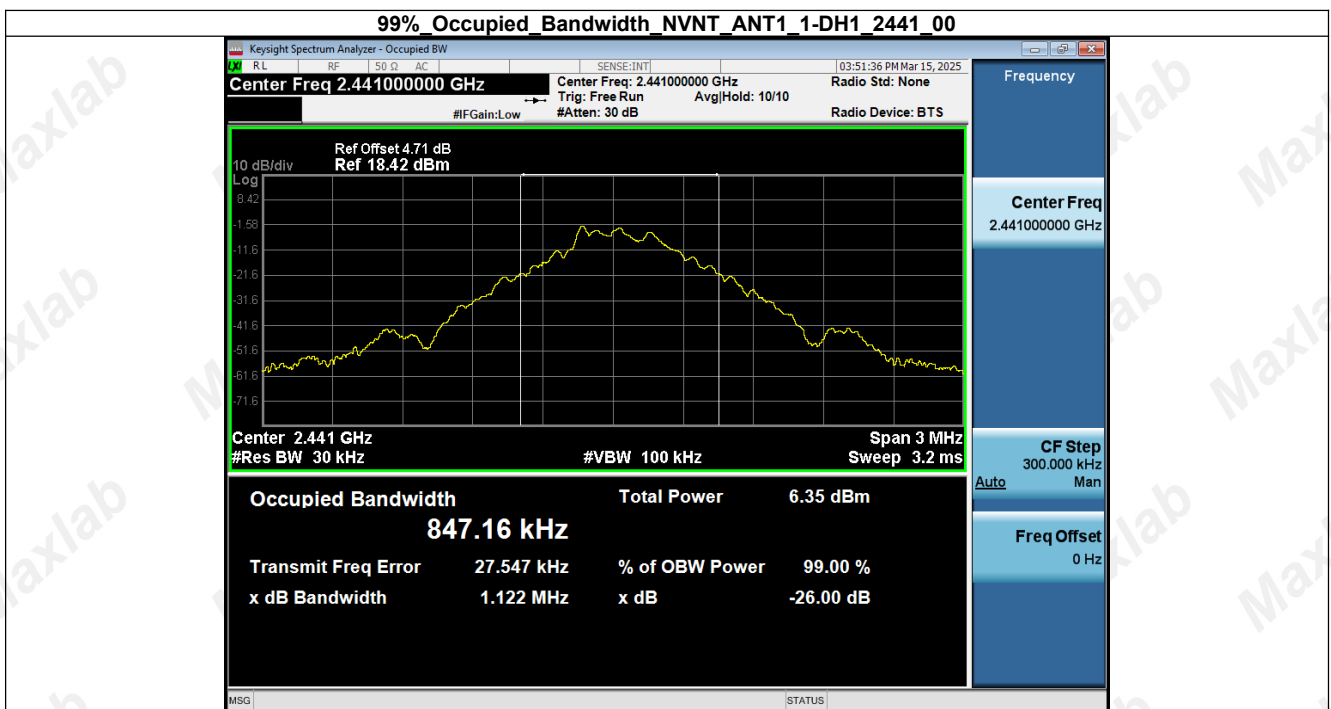
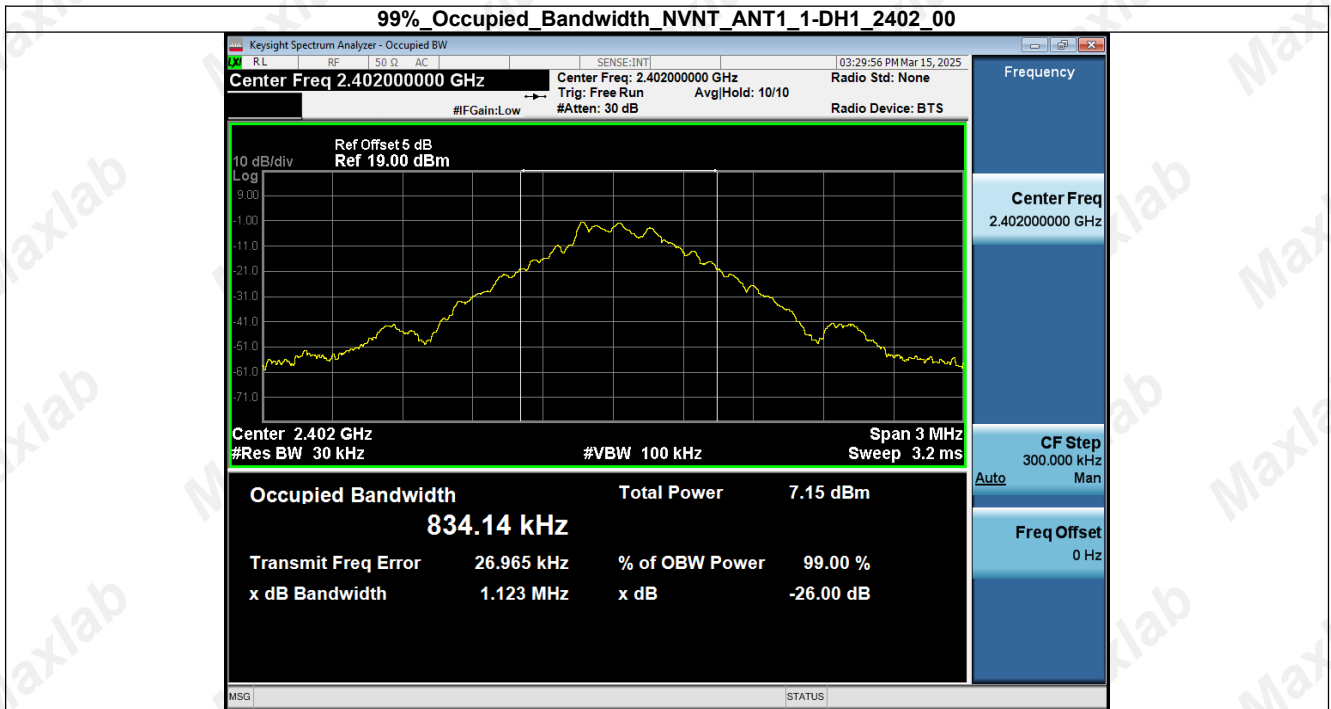
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.915	No
NVNT	ANT1	1-DH1	2480.00	0.926	No





3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH1	2402.00	0.834
NVNT	ANT1	1-DH1	2441.00	0.847
NVNT	ANT1	1-DH1	2480.00	0.852





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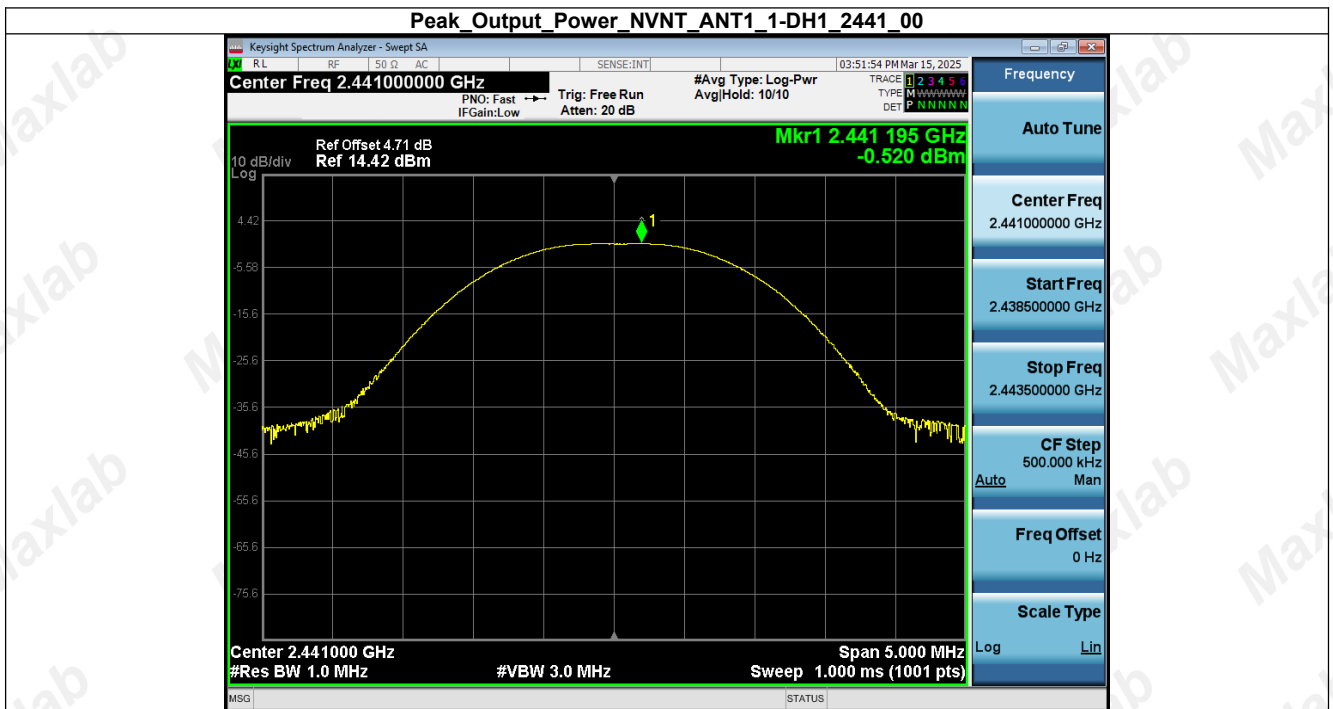
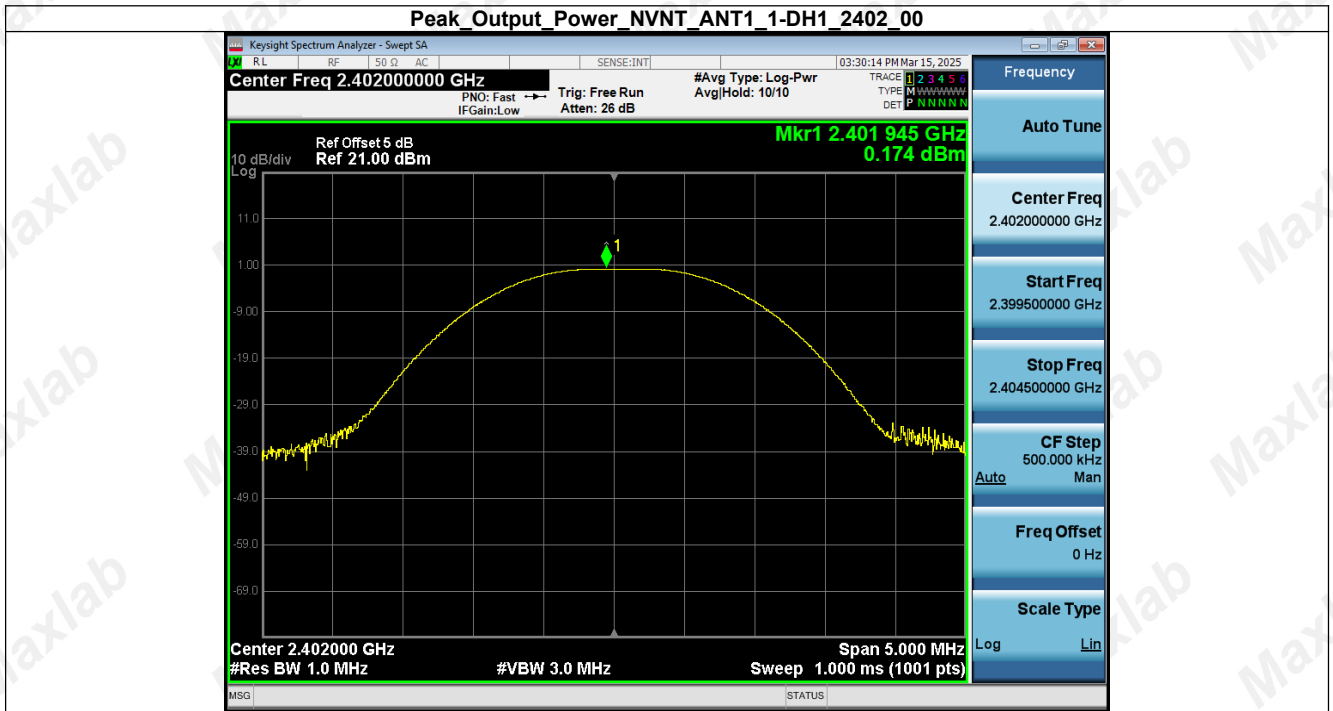
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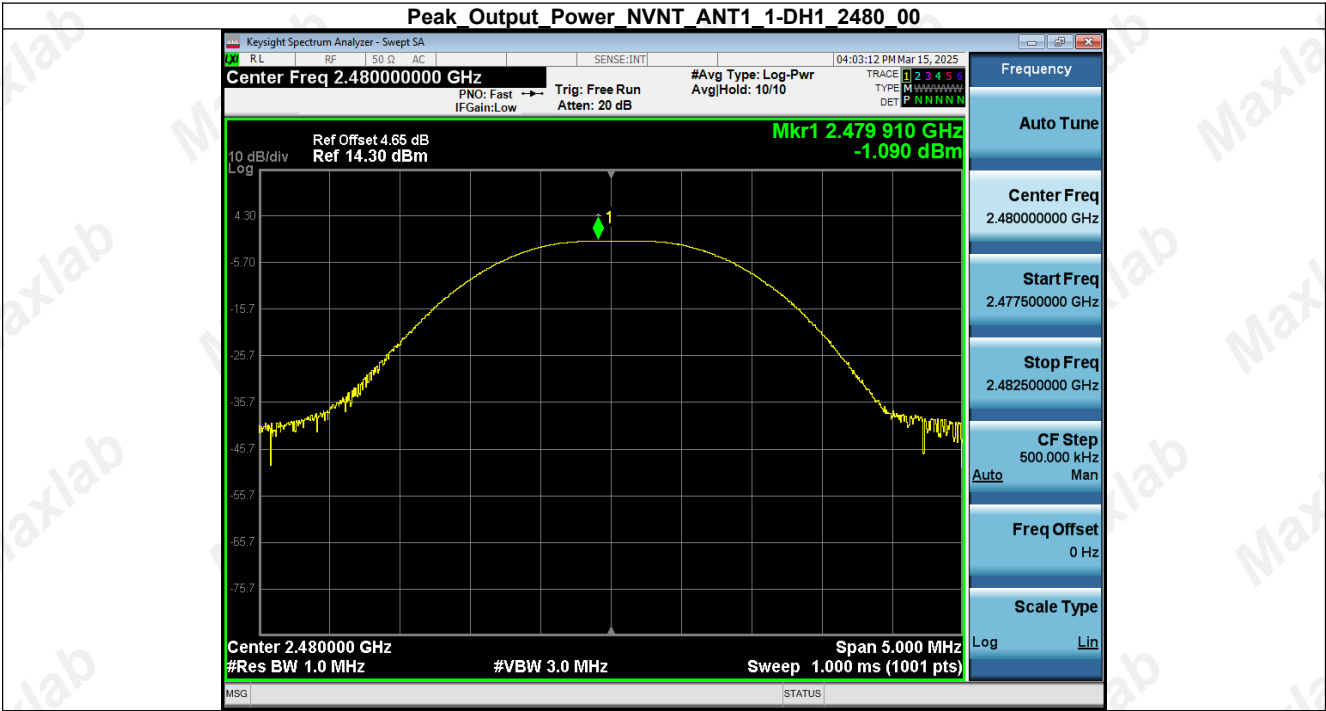
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2480_00



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	0.17	1.04	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.52	0.89	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.09	0.78	1000	Pass

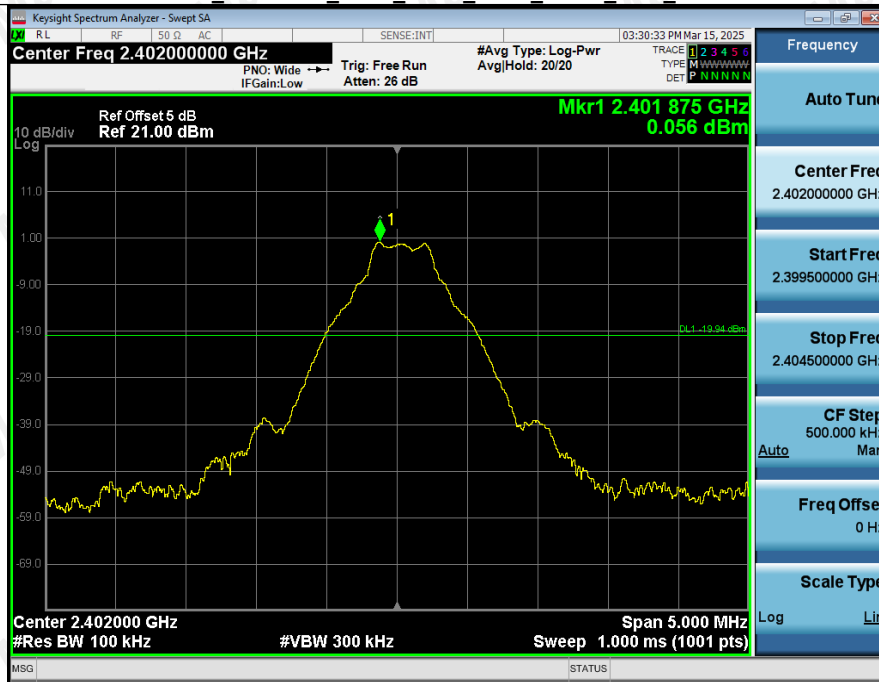




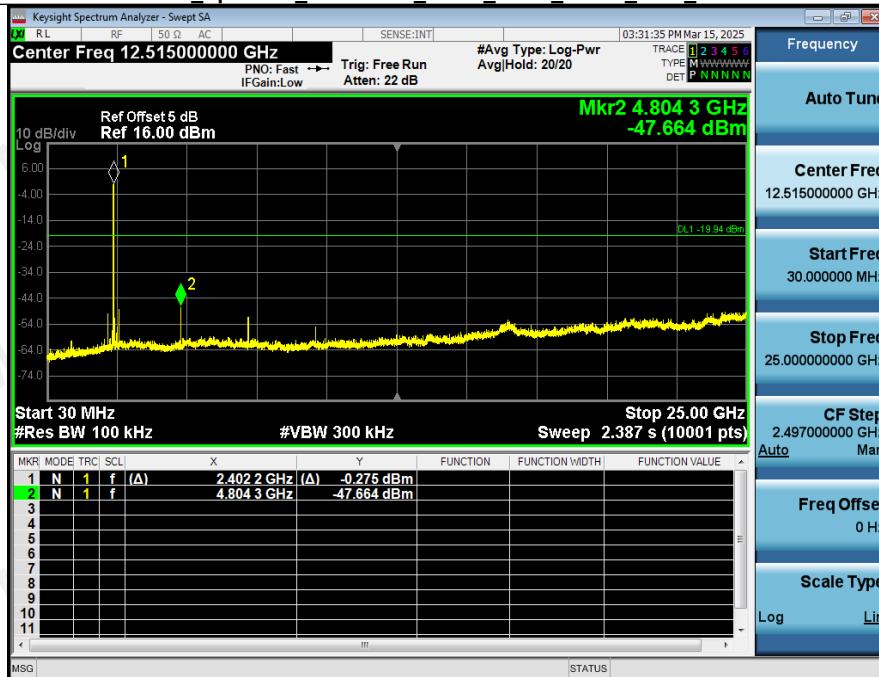
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.056	-47.664	-19.944	Pass
NVNT	ANT1	1-DH1	2441.00	-0.652	-48.092	-20.652	Pass
NVNT	ANT1	1-DH1	2480.00	-1.226	-46.170	-21.226	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



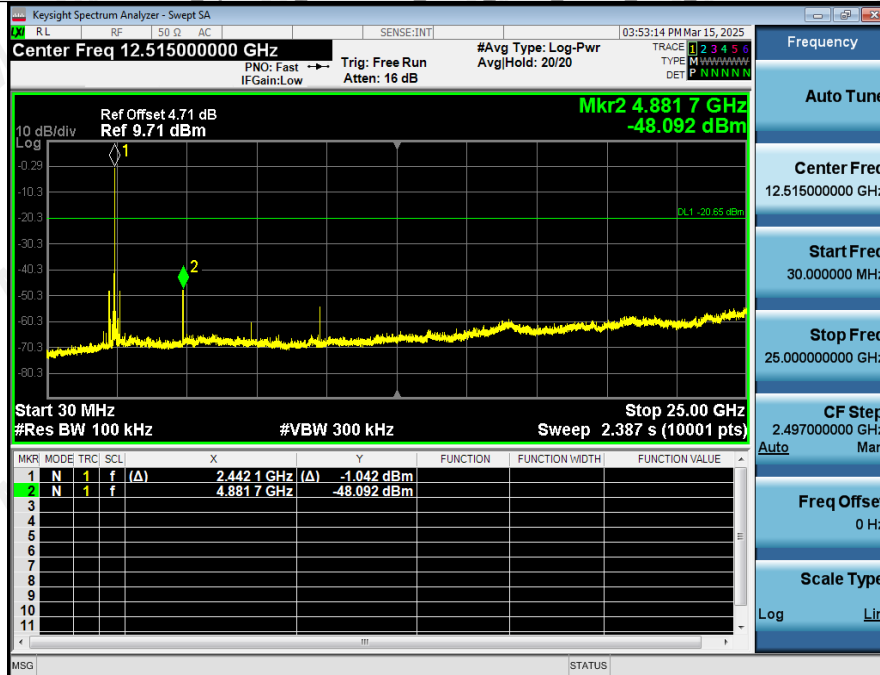
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00

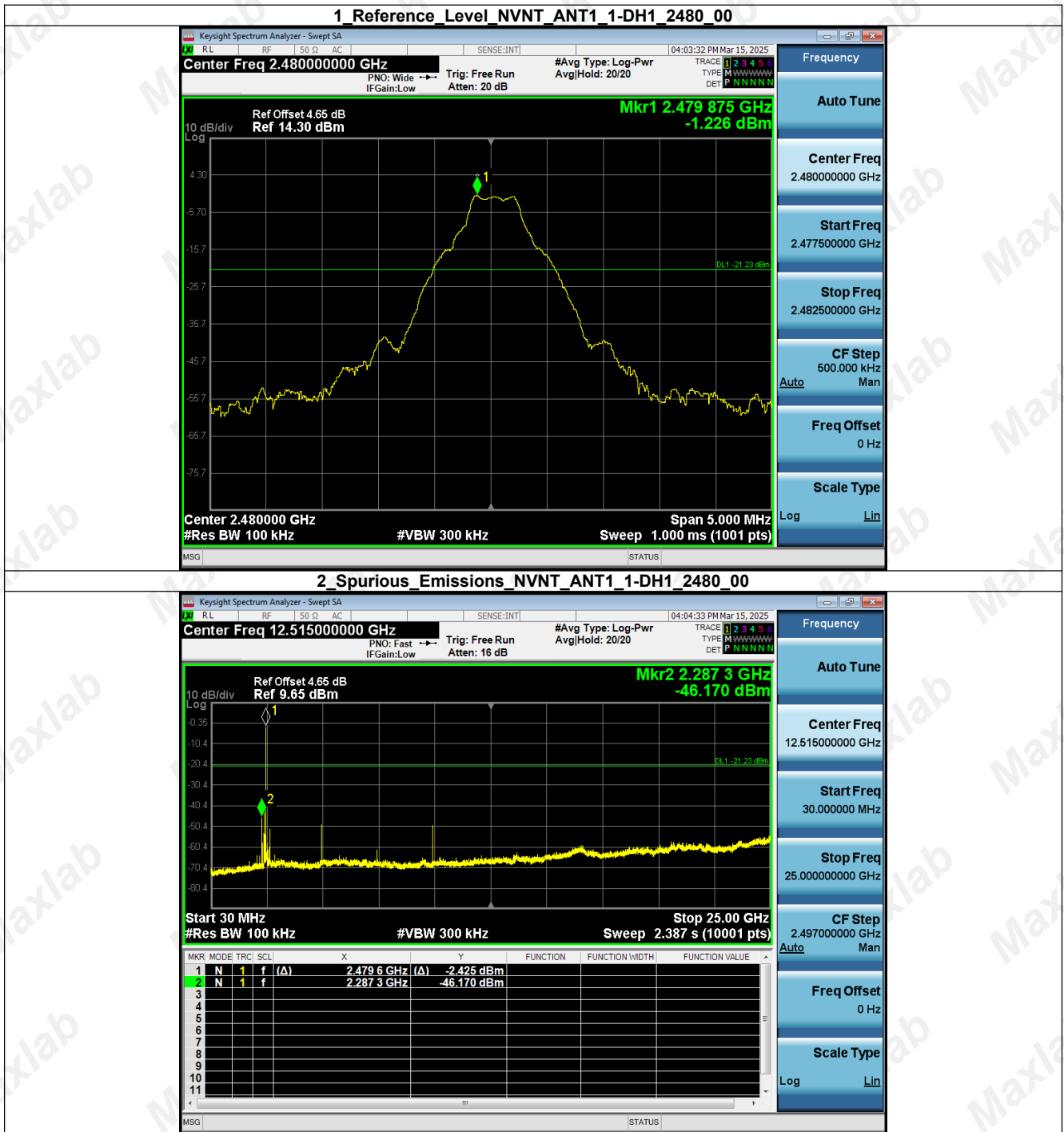


1_Reference_Level_NVNT_ANT1_1-DH1_2441_00



2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00

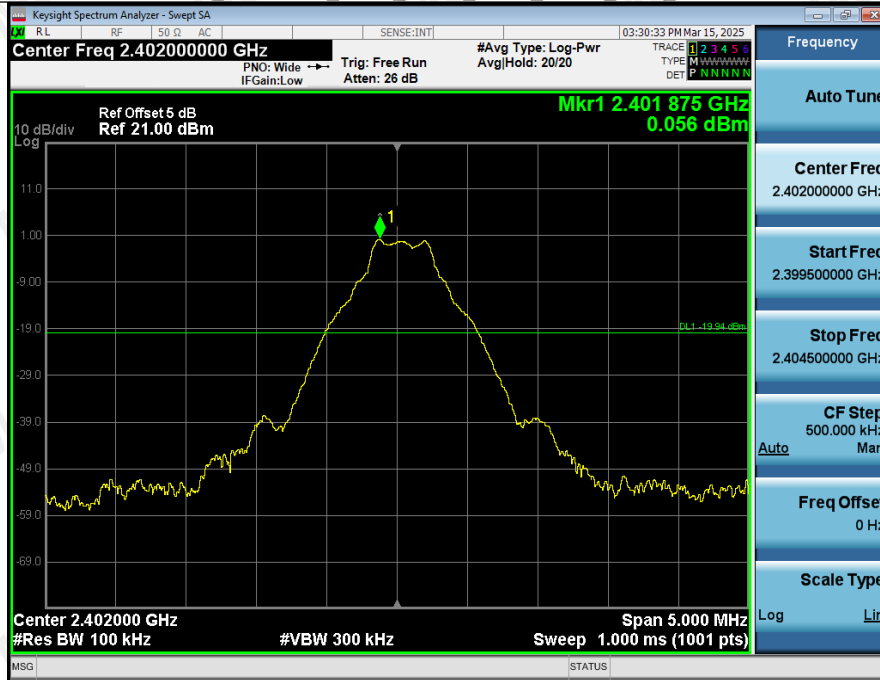




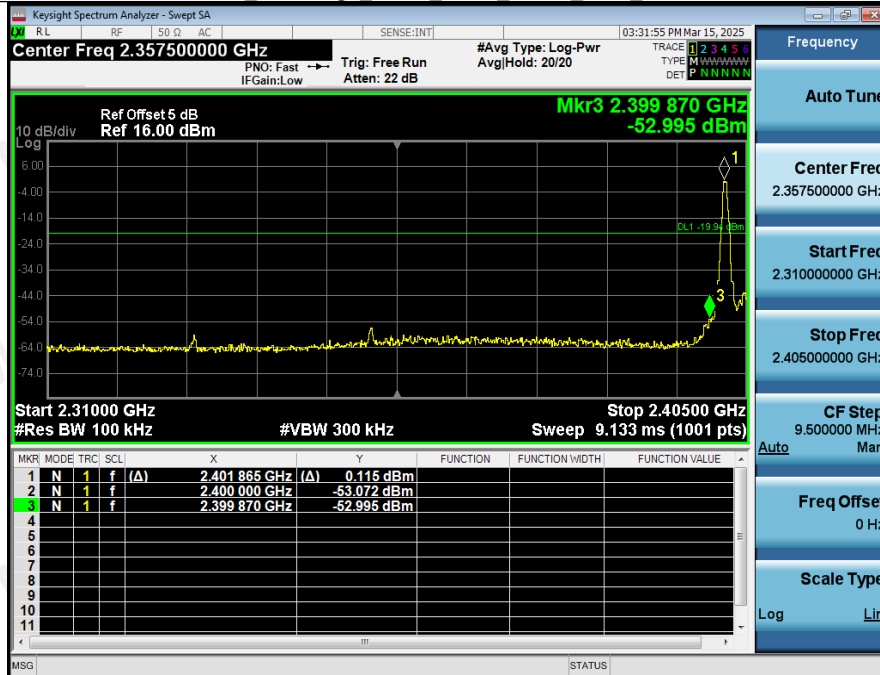
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.056	-52.995	-19.944	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.097	-52.422	-19.903	Pass
NVNT	ANT1	1-DH1	2480.00	-1.226	-62.652	-21.226	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.290	-56.276	-20.290	Pass

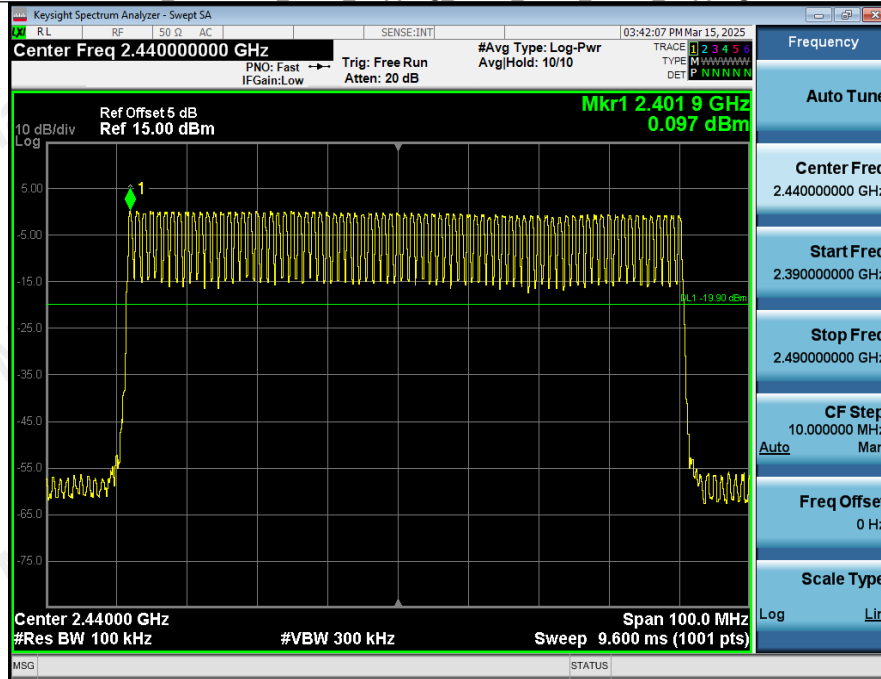
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



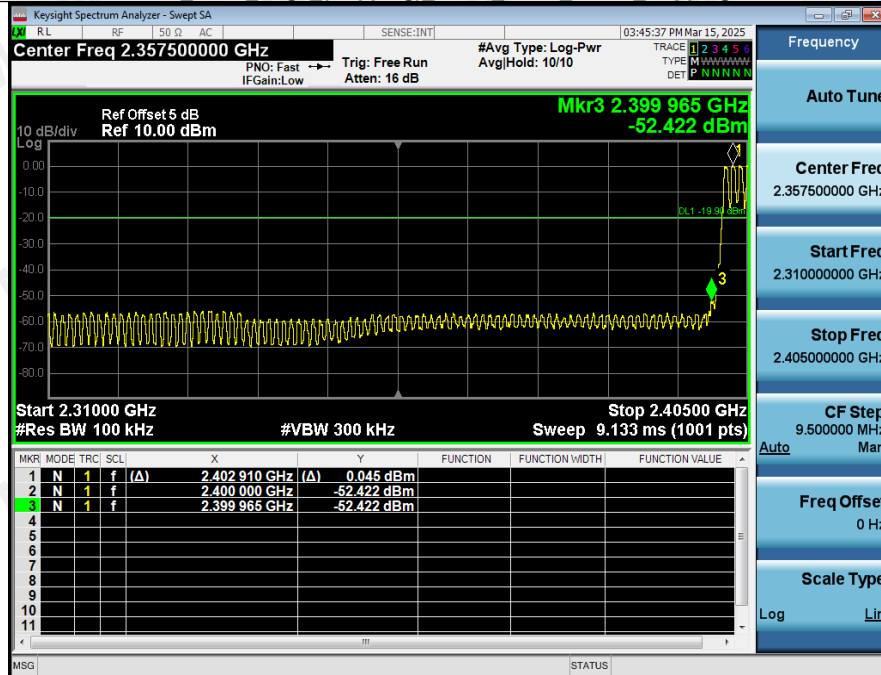
2_Bandedge_NVNT_ANT1_1-DH1_2402_00



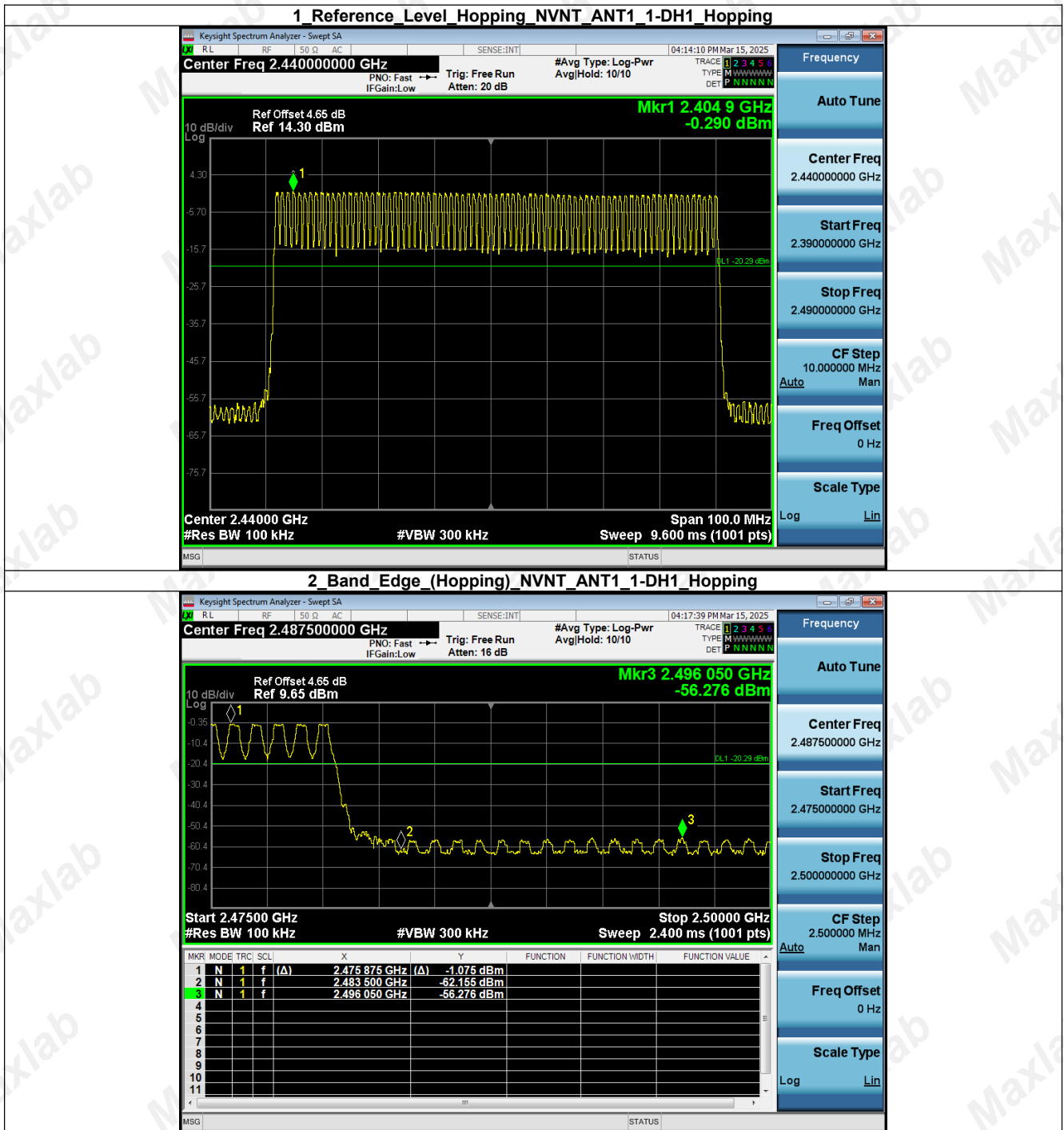
1_Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping

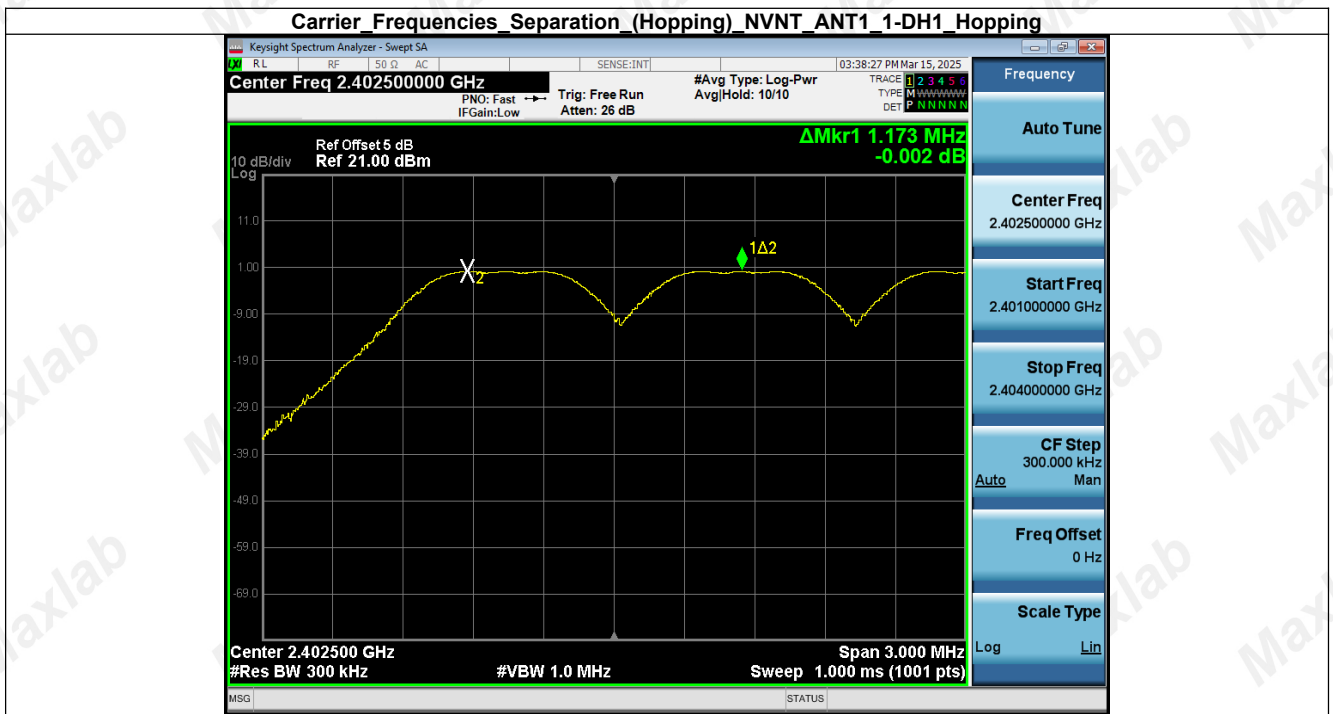


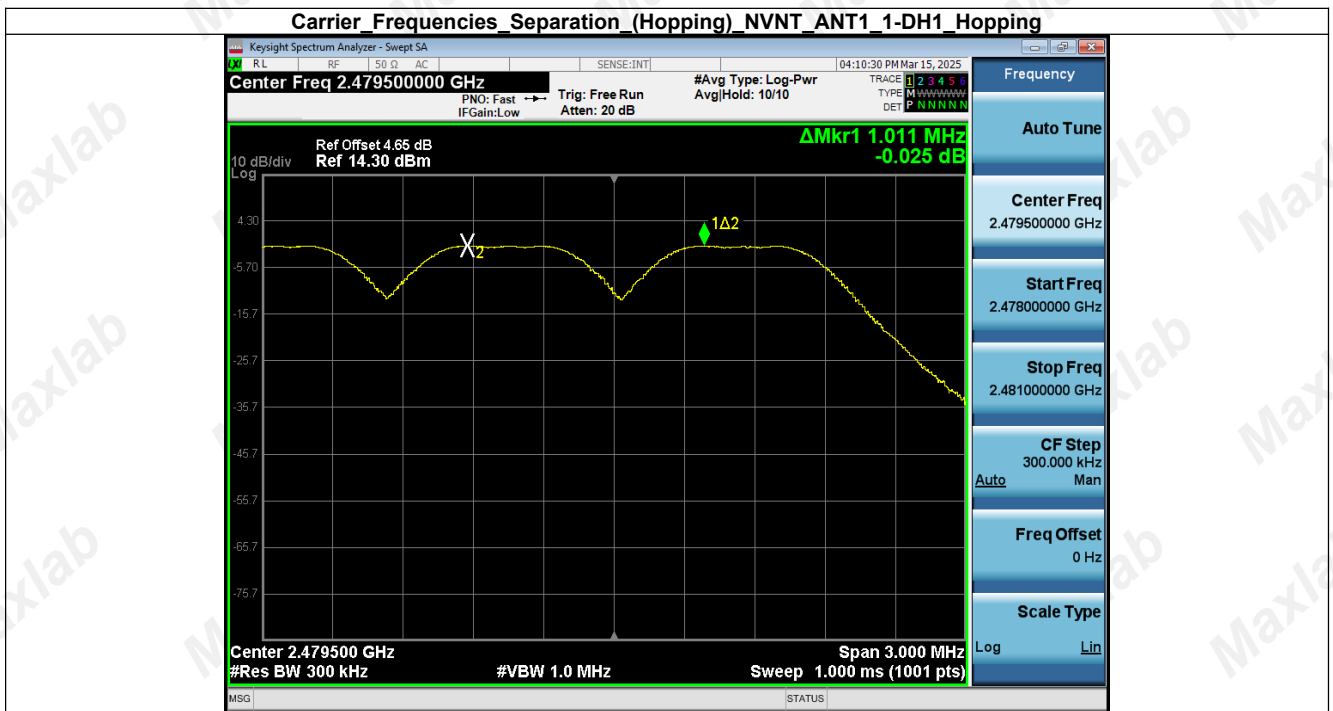
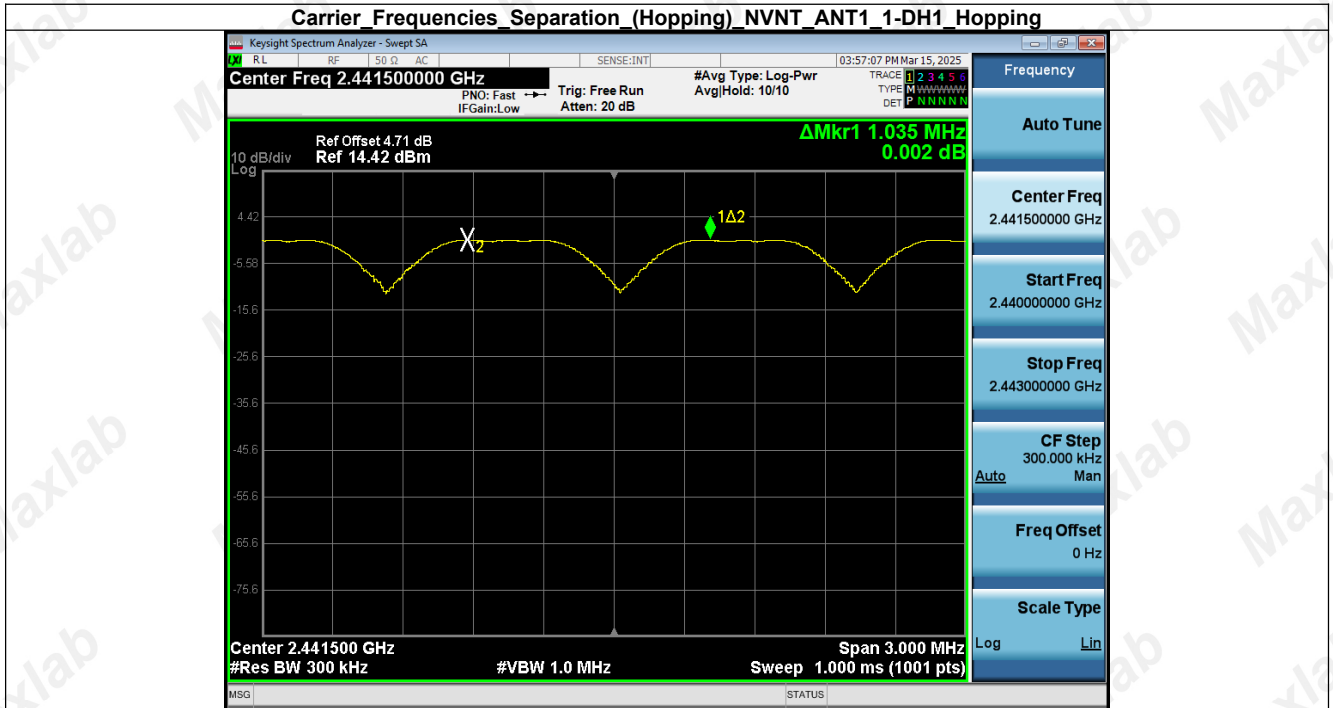




7. Carrier Frequencies Separation (Hopping)

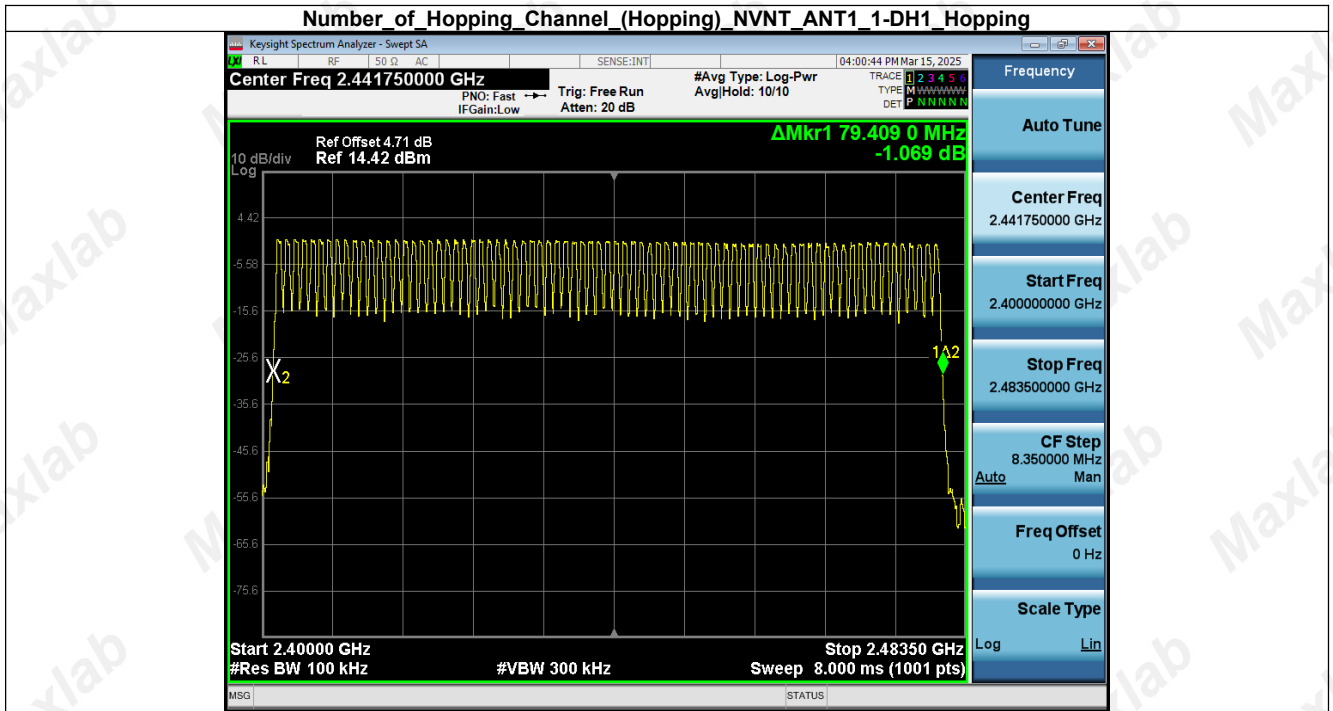
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2401.873	2403.046	1.17	0.878	Pass
NVNT	ANT1	1-DH1	2441.00	2440.876	2441.911	1.03	0.915	Pass
NVNT	ANT1	1-DH1	2480.00	2478.873	2479.884	1.01	0.926	Pass





8. Number of Hopping Channel (Hopping)

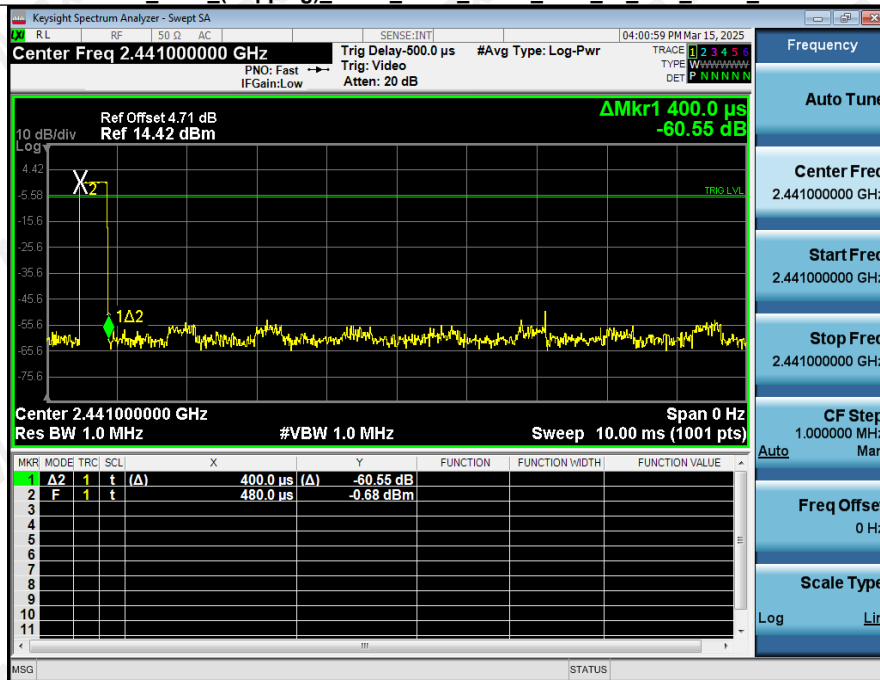
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass



9. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	150.00	247.500	0.40	Pass
NVNT	ANT1	1-DH5	2.900	108.00	313.200	0.40	Pass

Dwell Time (Hopping) NVNT ANT1 1-DH1 2441_00_One_Burst Time



Dwell Time (Hopping) NVNT ANT1 1-DH1 2441_00_Accumulated

