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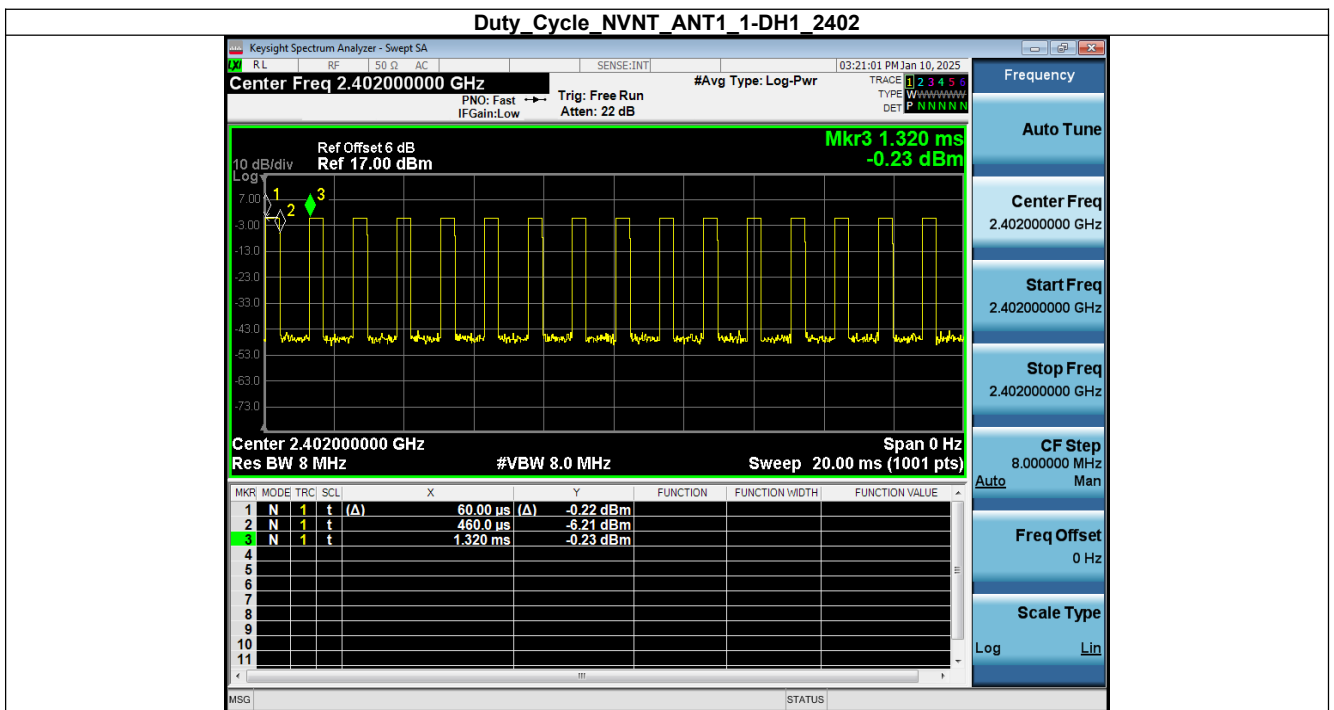
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FCC ID:2AW5N-P12

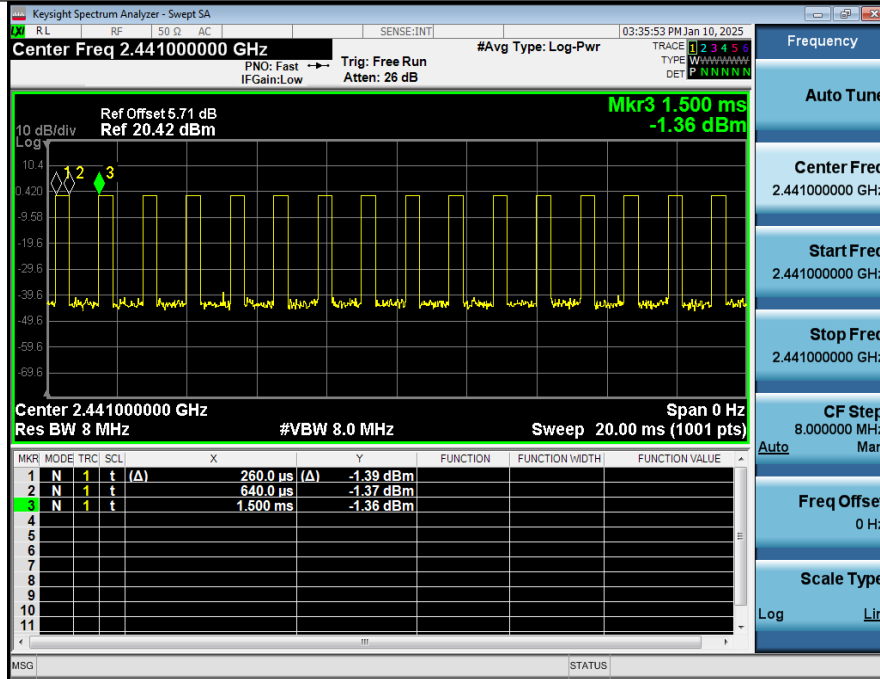
FCC_BT (Part15.247) Test Data

1. Duty Cycle

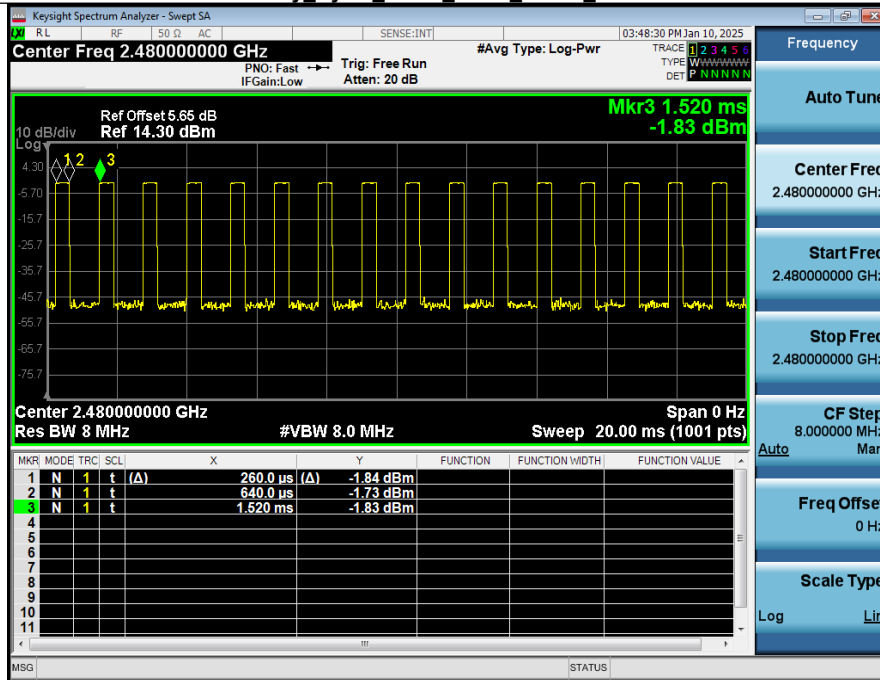
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	31.75	4.98
NVNT	ANT1	2-DH1	2441.00	32.26	4.91
NVNT	ANT1	2-DH1	2480.00	32.26	4.91
NVNT	ANT1	3-DH1	2402.00	31.75	4.98
NVNT	ANT1	3-DH1	2441.00	32.26	4.91
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



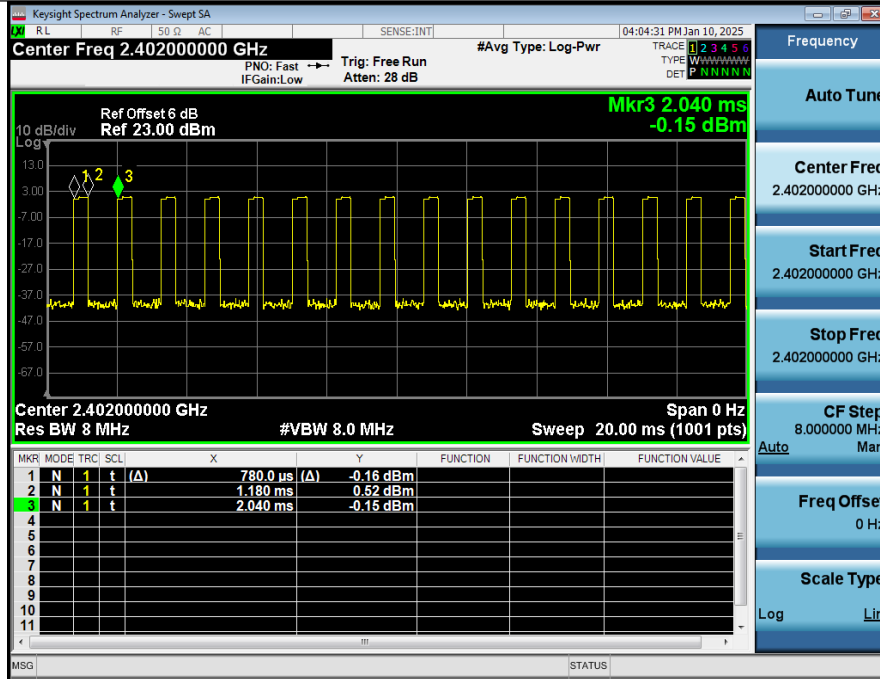
Duty Cycle NVNT_ANT1_1-DH1_2441



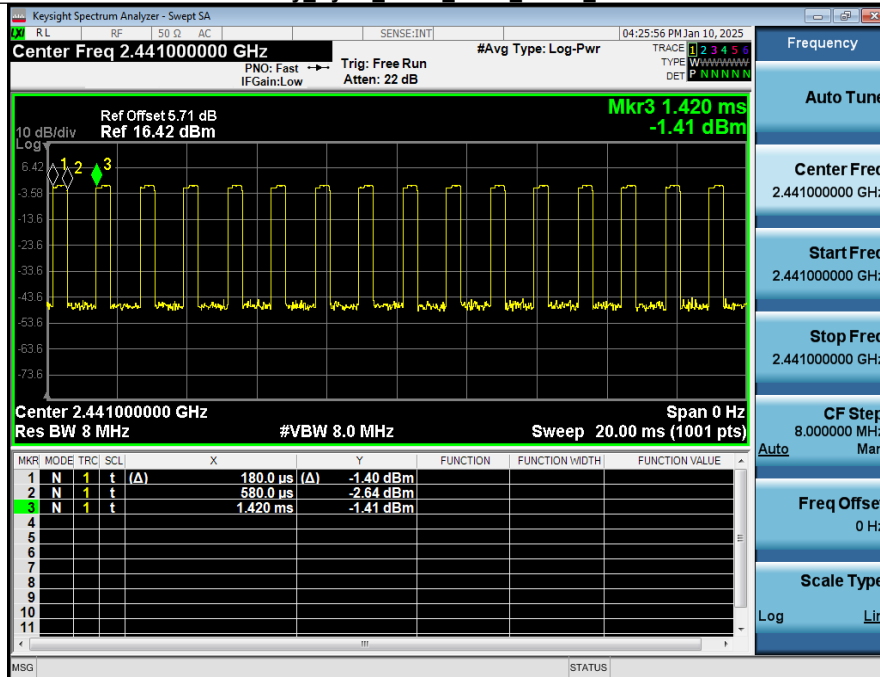
Duty Cycle NVNT_ANT1_1-DH1_2480



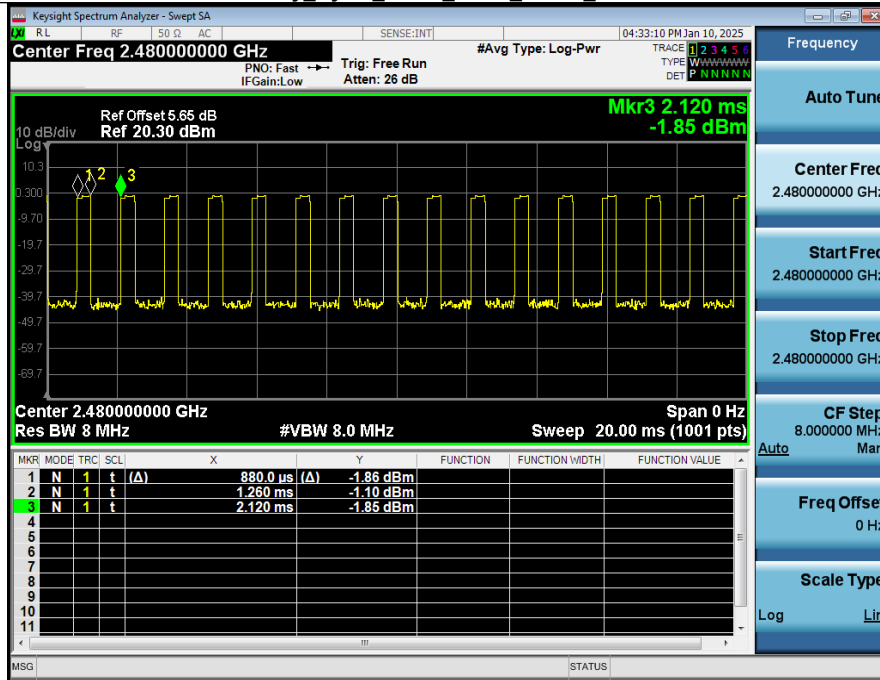
Duty Cycle NVNT_ANT1_2-DH1_2402



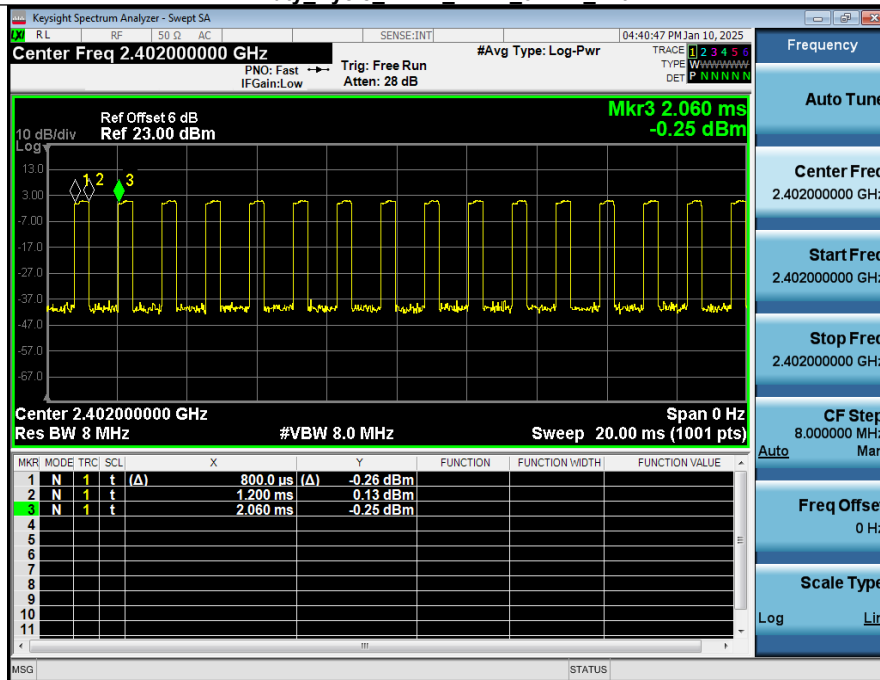
Duty Cycle NVNT_ANT1_2-DH1_2441



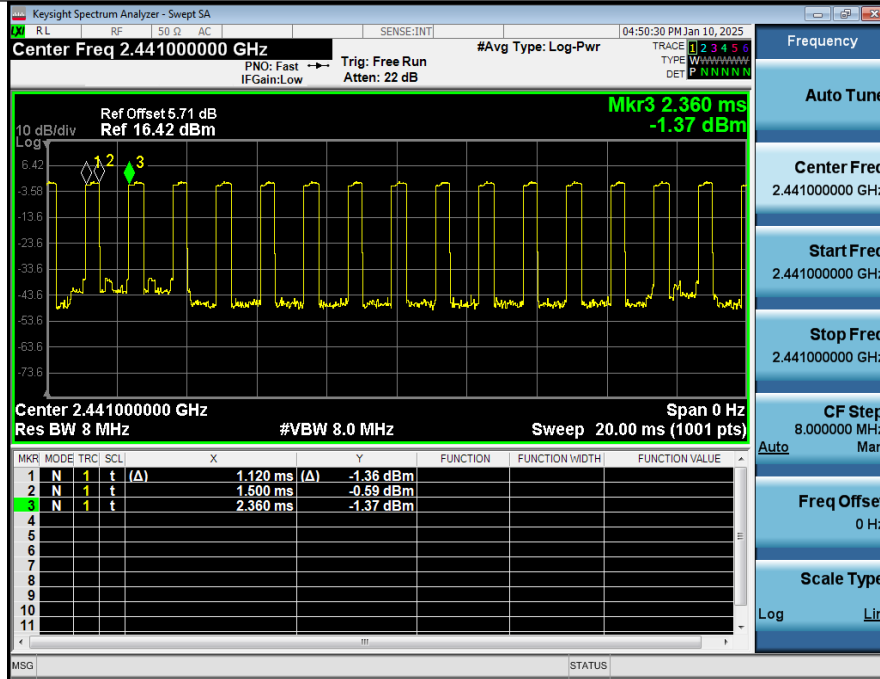
Duty Cycle NVNT_ANT1 2-DH1_2480



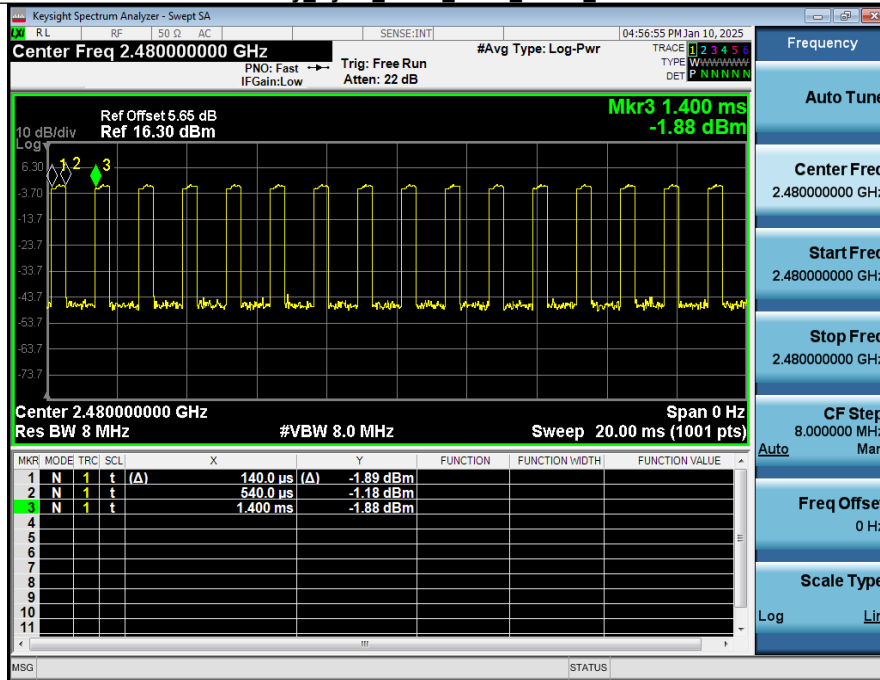
Duty Cycle NVNT_ANT1 3-DH1_2402



Duty Cycle NVNT_ANT1_3-DH1_2441

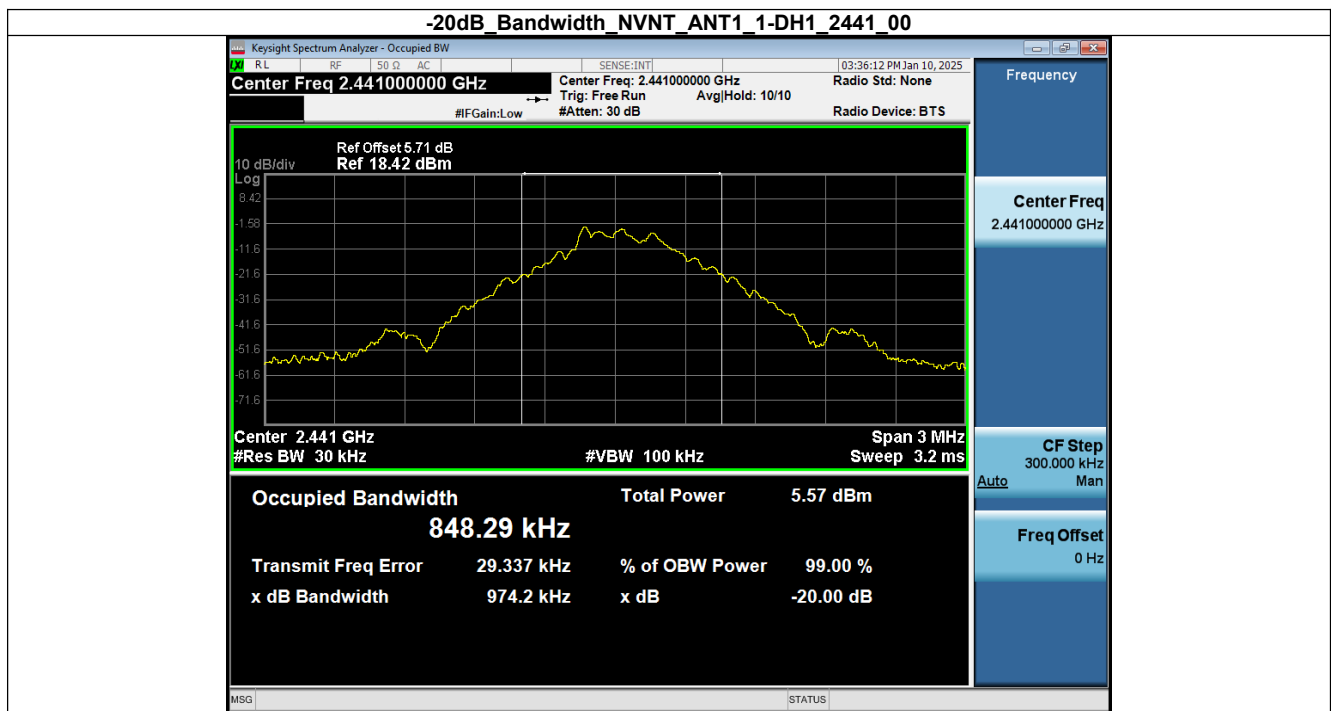


Duty Cycle NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

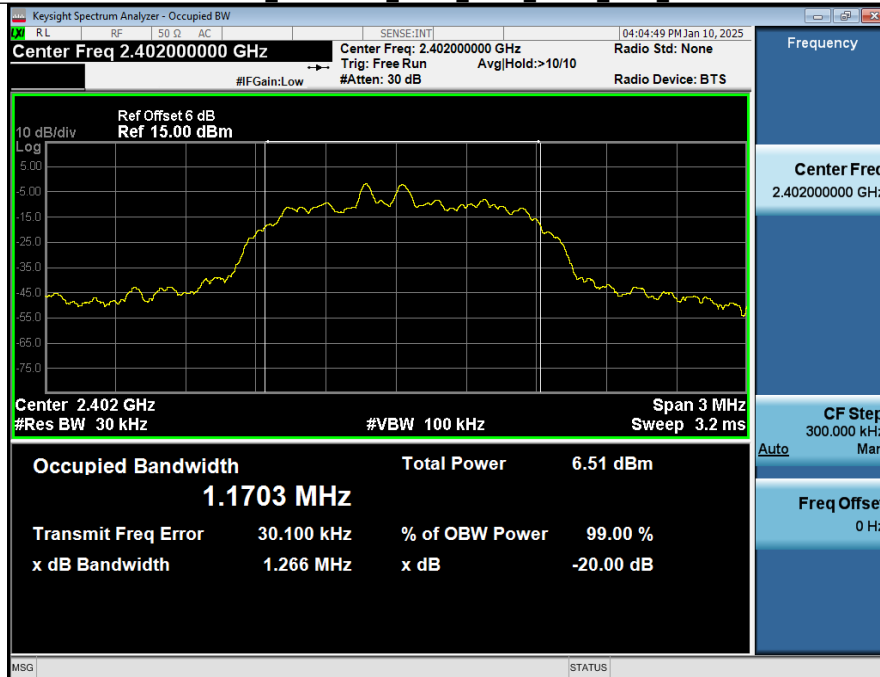
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.974	No
NVNT	ANT1	1-DH1	2480.00	0.924	No
NVNT	ANT1	2-DH1	2402.00	1.266	Yes
NVNT	ANT1	2-DH1	2441.00	1.271	Yes
NVNT	ANT1	2-DH1	2480.00	1.274	Yes
NVNT	ANT1	3-DH1	2402.00	1.226	Yes
NVNT	ANT1	3-DH1	2441.00	1.224	Yes
NVNT	ANT1	3-DH1	2480.00	1.253	Yes



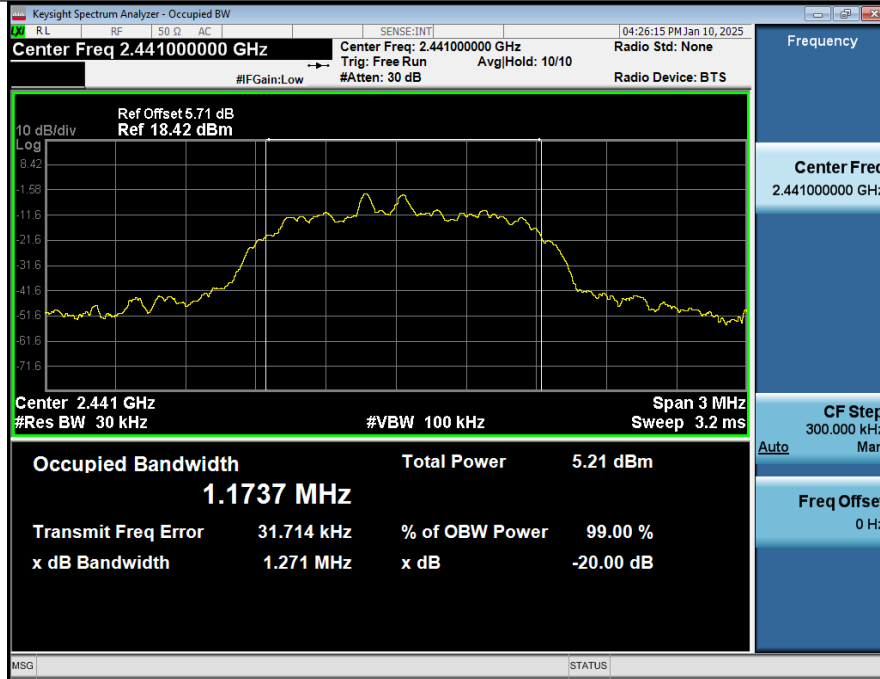
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



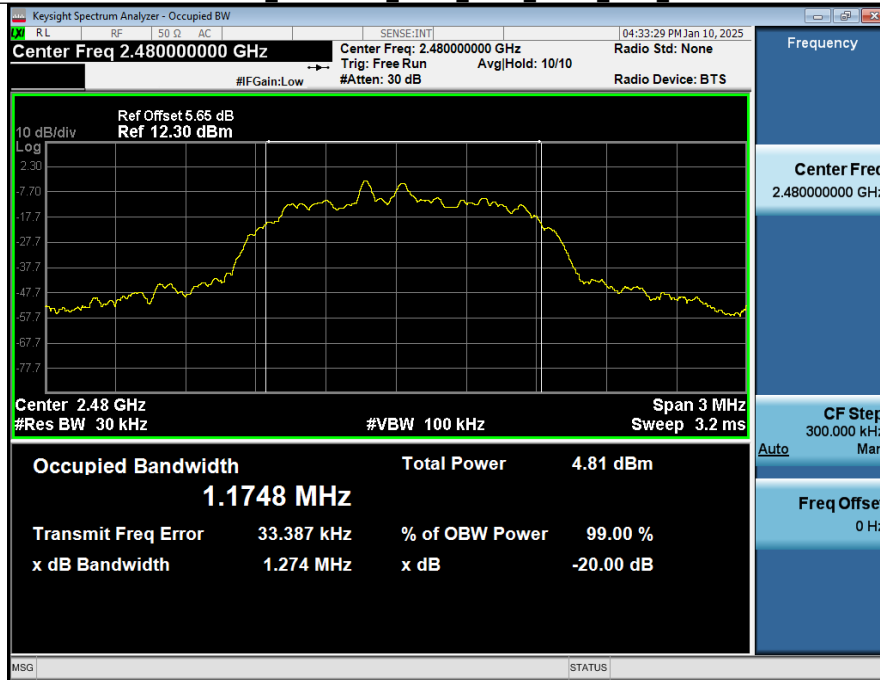
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



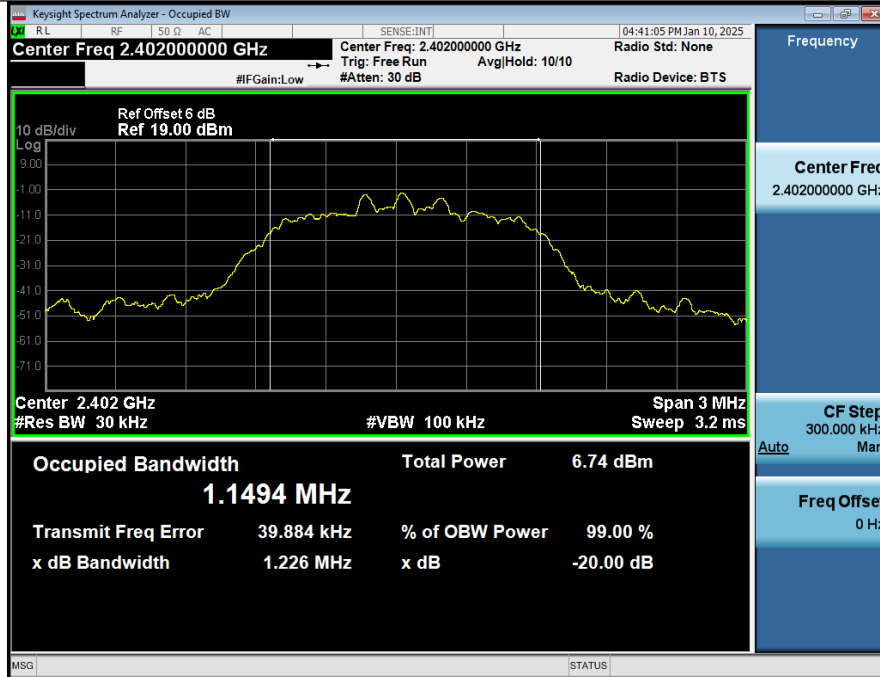
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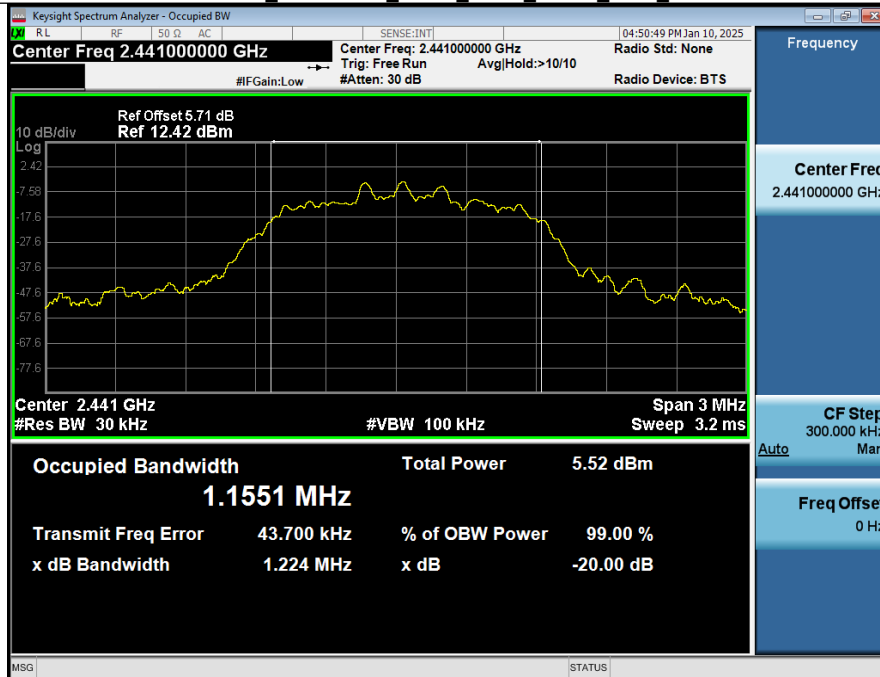
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00



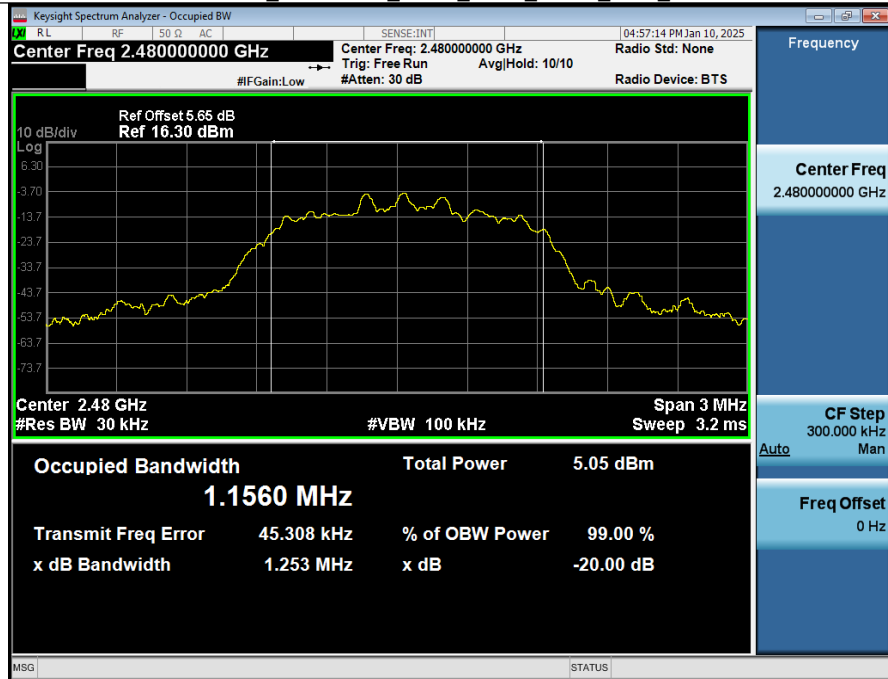
-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

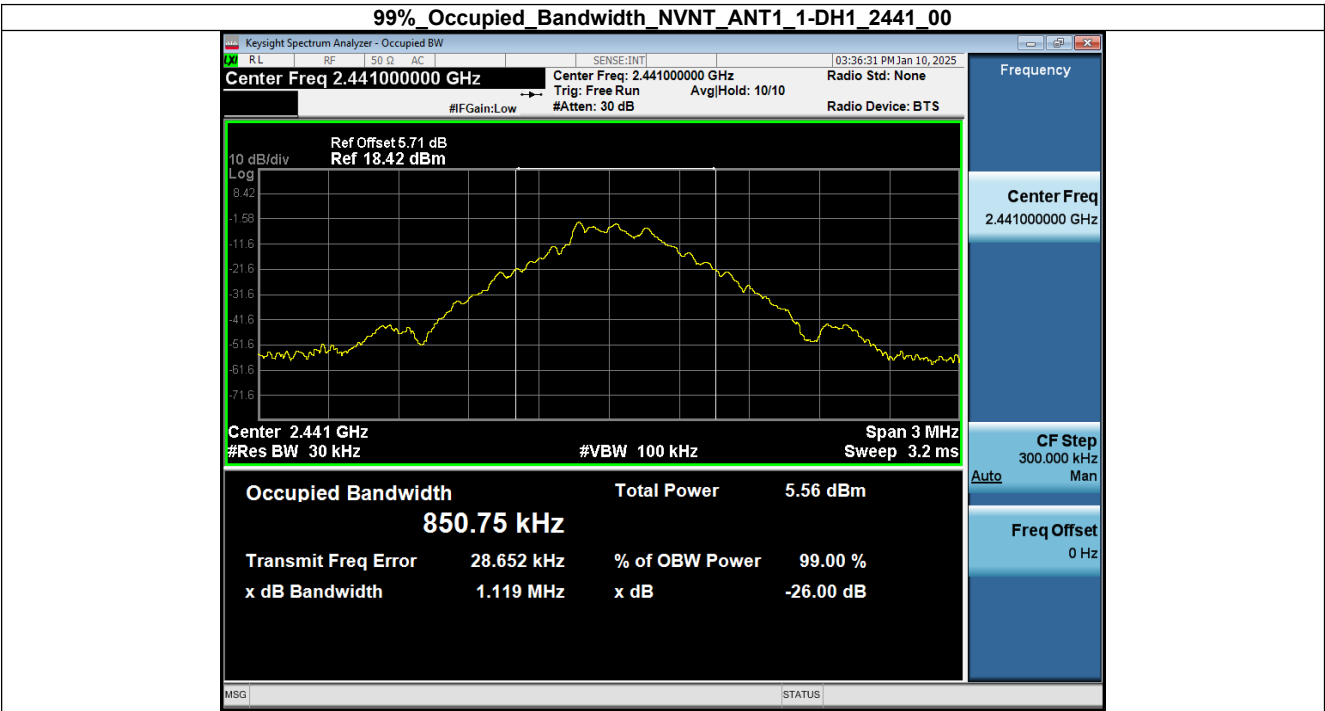
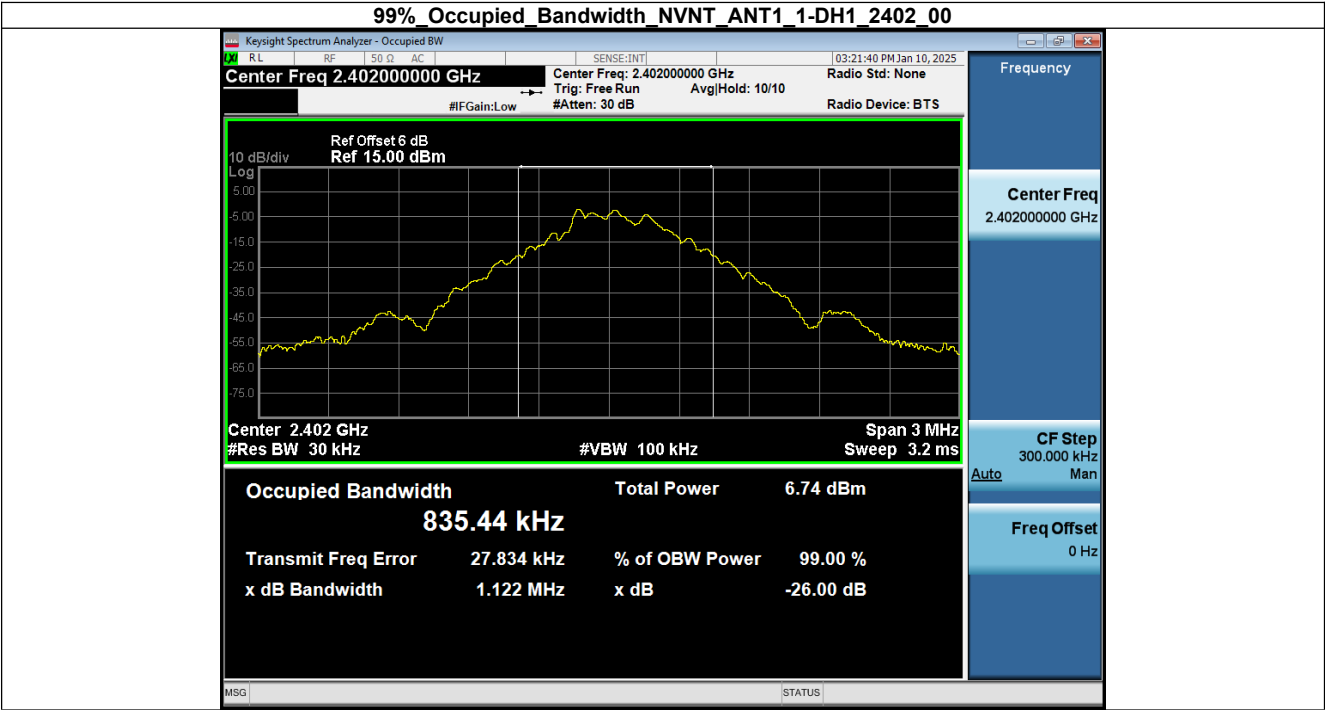


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00

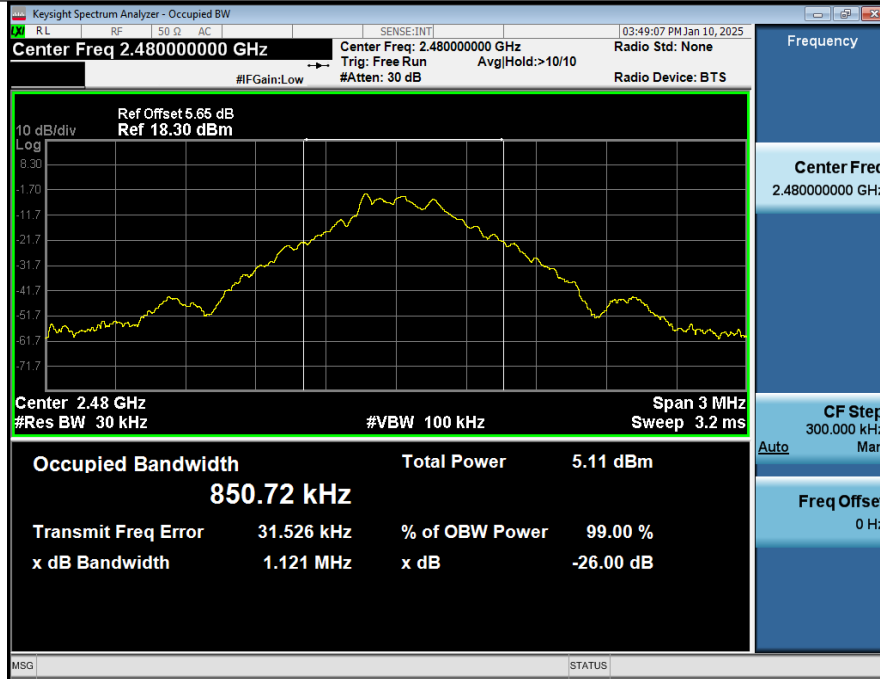


3. 99% Occupied Bandwidth

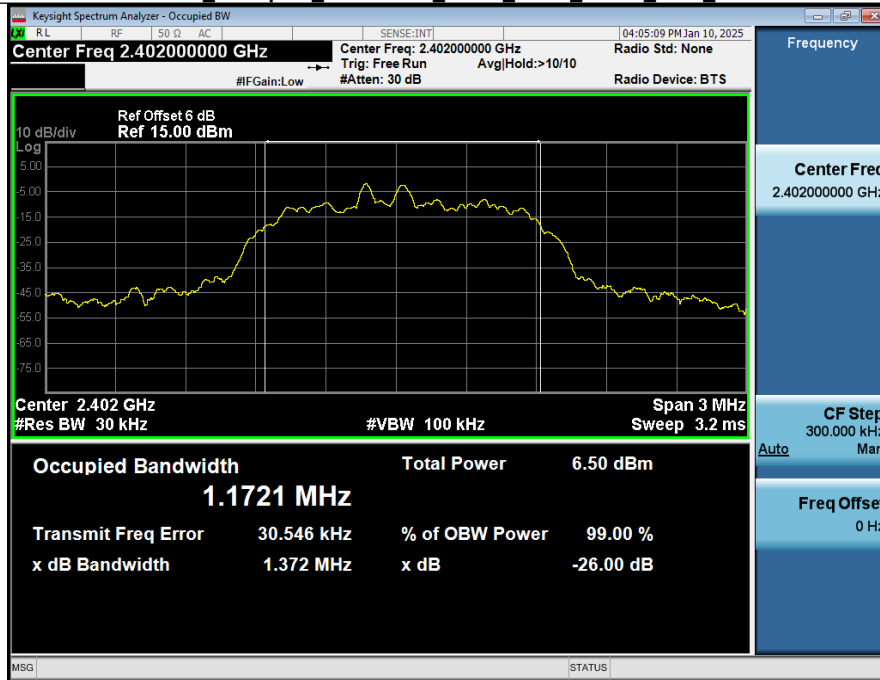
Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.835
NVNT	ANT1	1-DH1	2441.00	0.851
NVNT	ANT1	1-DH1	2480.00	0.851
NVNT	ANT1	2-DH1	2402.00	1.172
NVNT	ANT1	2-DH1	2441.00	1.173
NVNT	ANT1	2-DH1	2480.00	1.173
NVNT	ANT1	3-DH1	2402.00	1.150
NVNT	ANT1	3-DH1	2441.00	1.154
NVNT	ANT1	3-DH1	2480.00	1.156



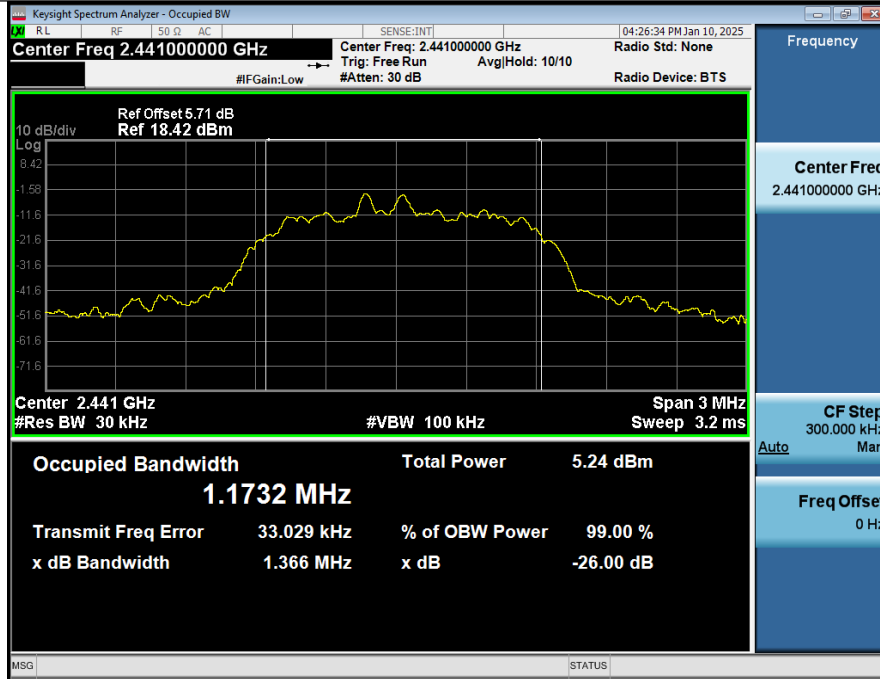
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



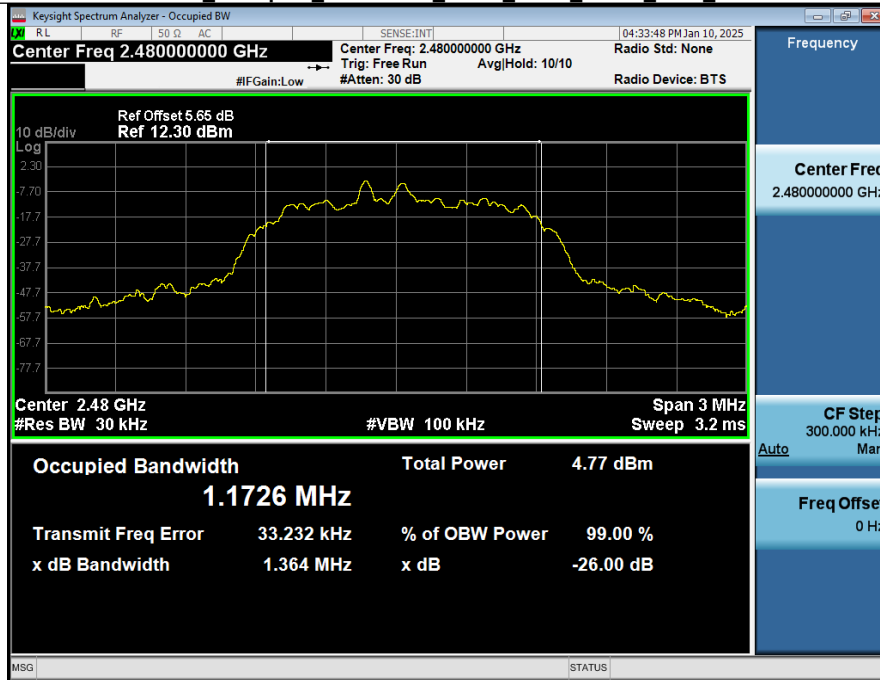
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



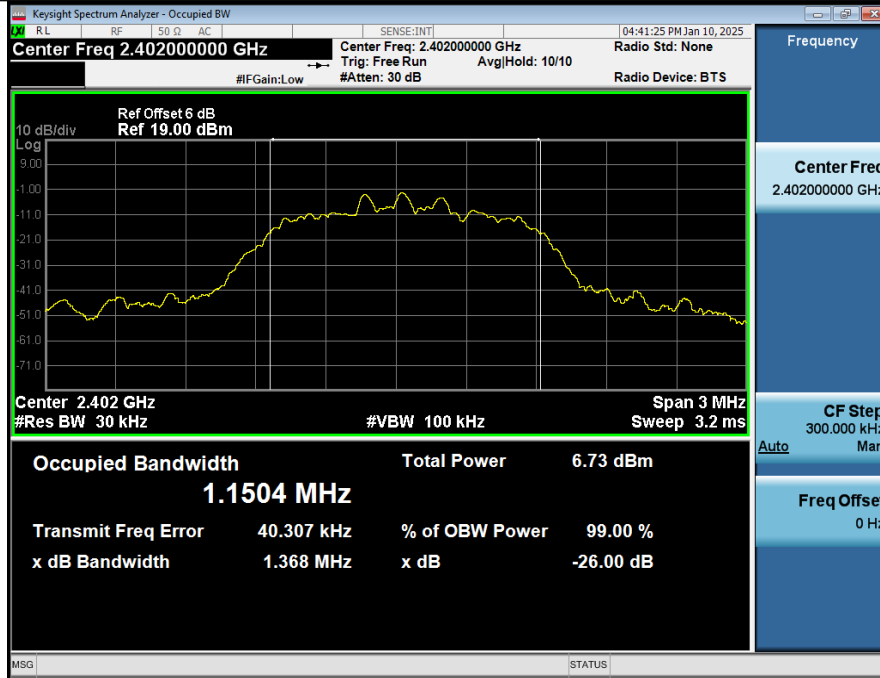
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



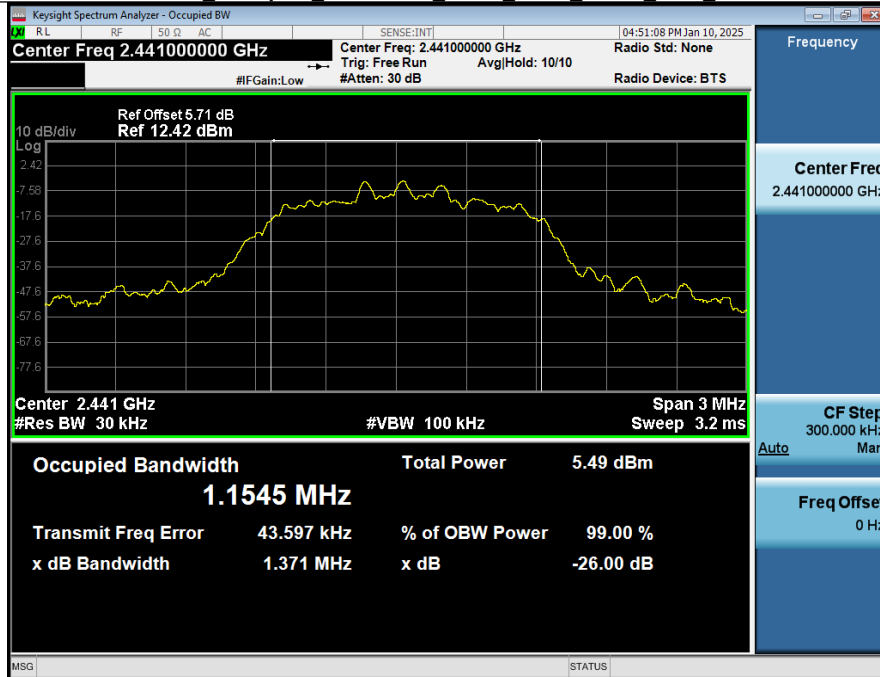
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



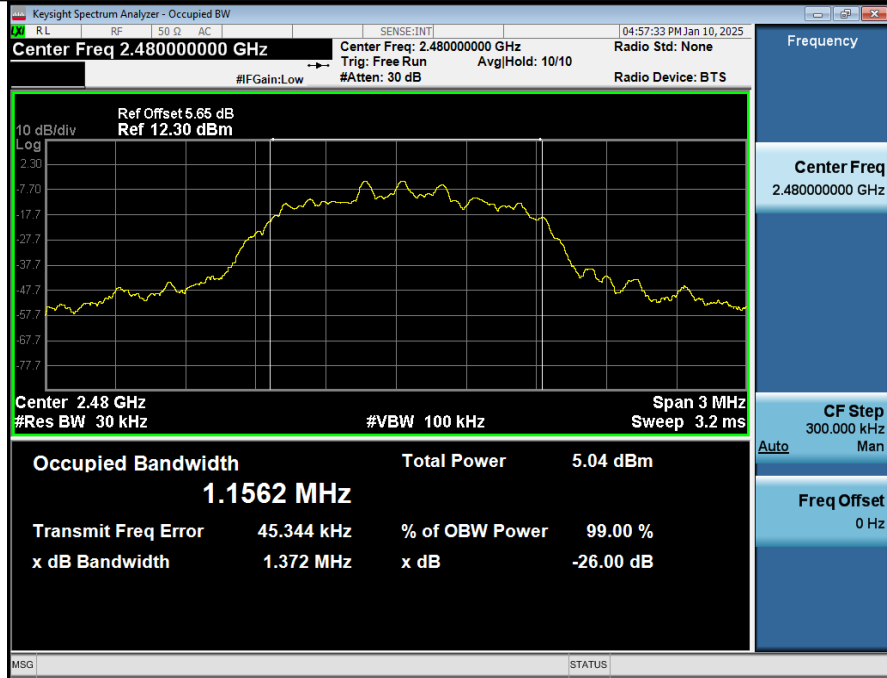
99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00

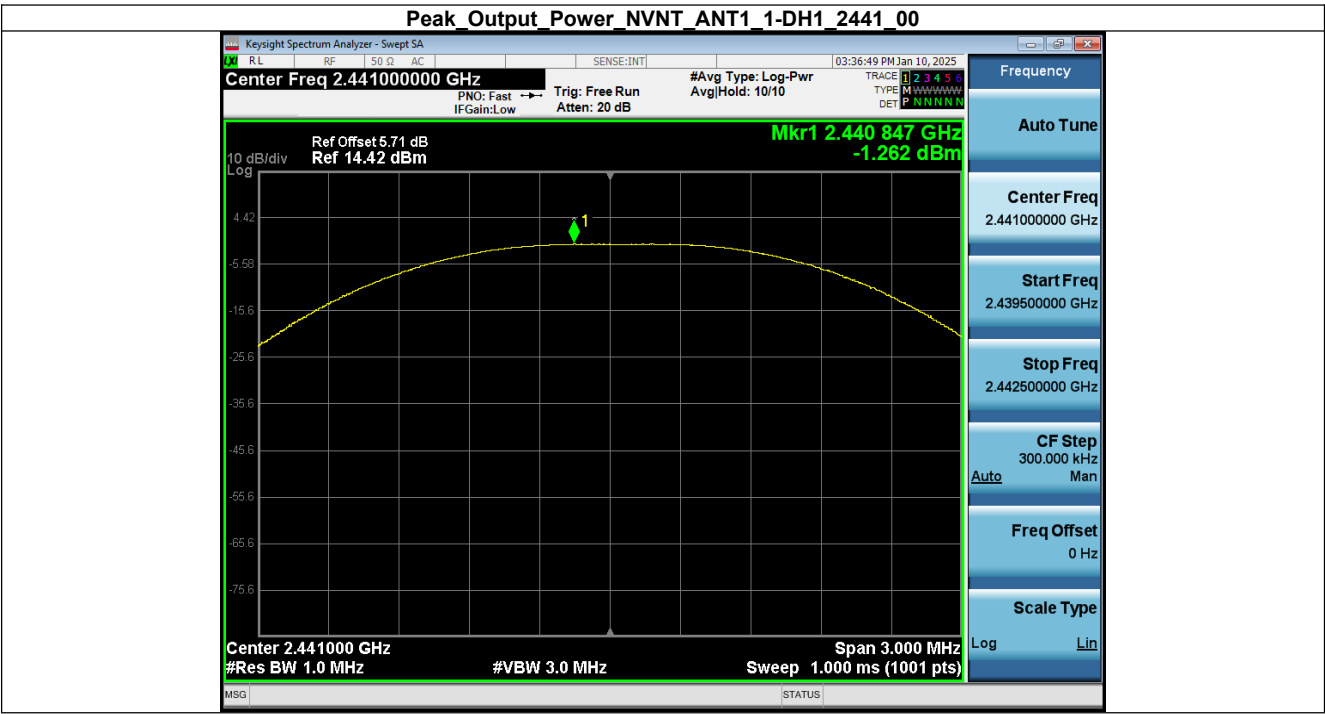
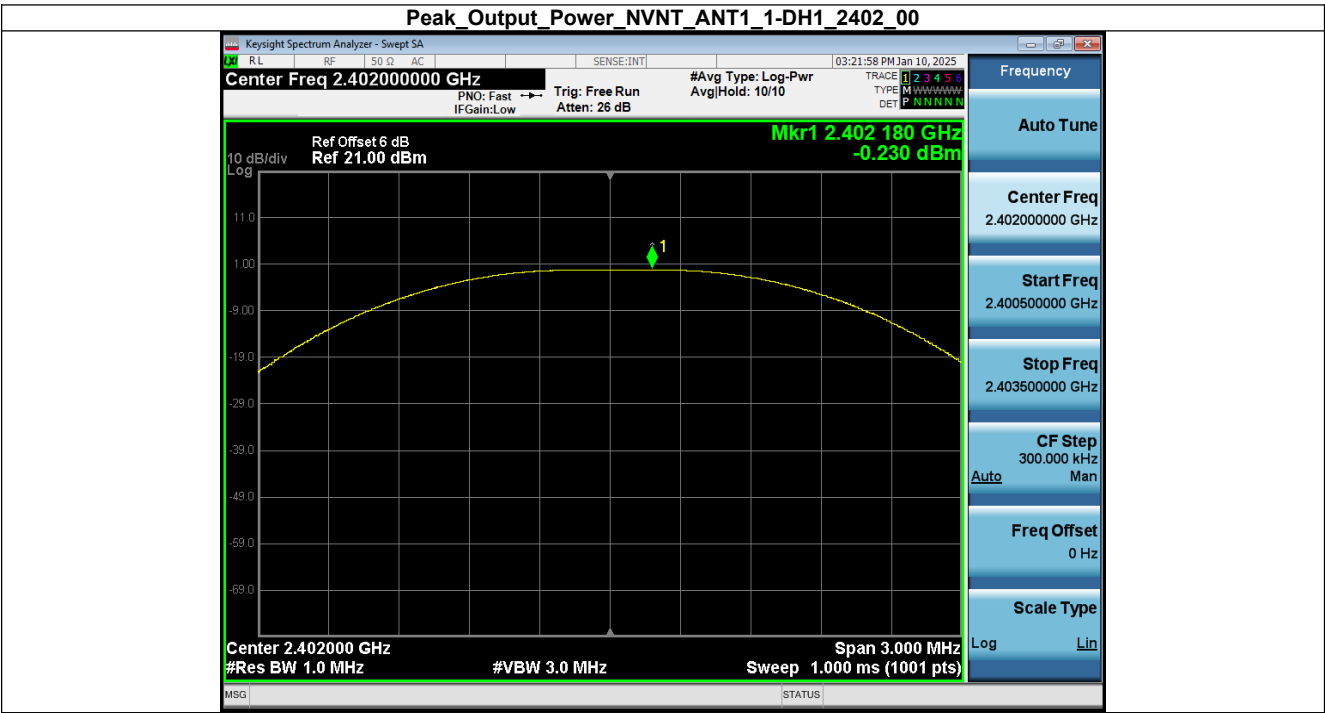


99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2480_00

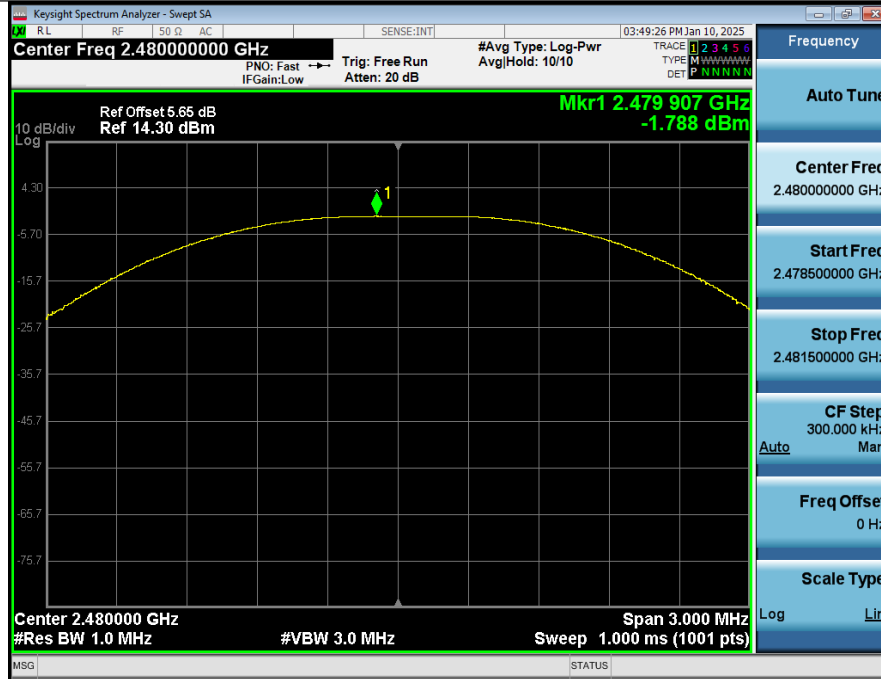


4. Peak Output Power

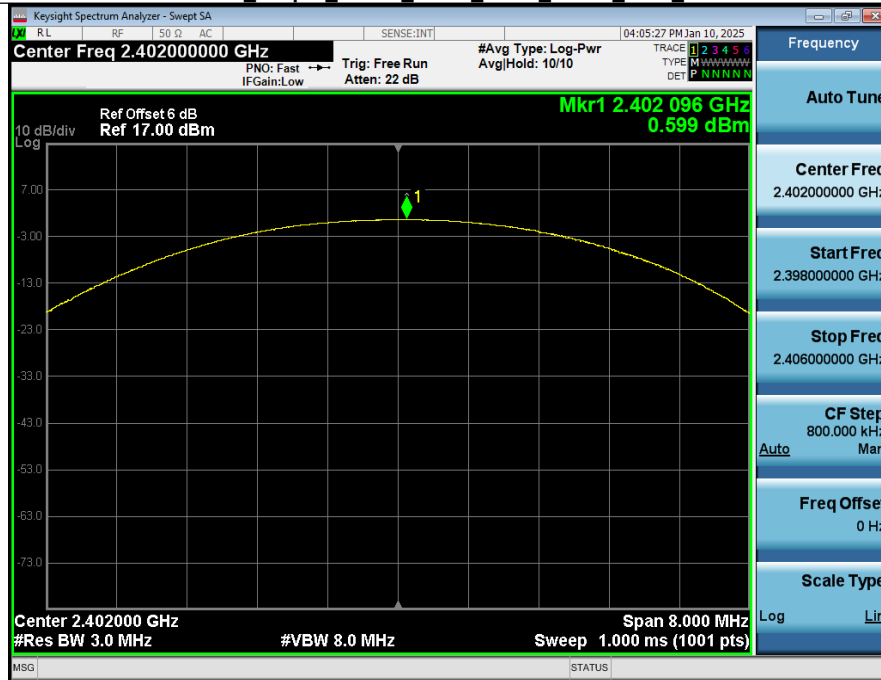
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.23	0.95	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-1.26	0.75	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.79	0.66	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.60	1.15	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.61	0.87	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.02	0.79	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.07	1.28	125	Pass
NVNT	ANT1	3-DH1	2441.00	-0.05	0.99	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.46	0.90	125	Pass



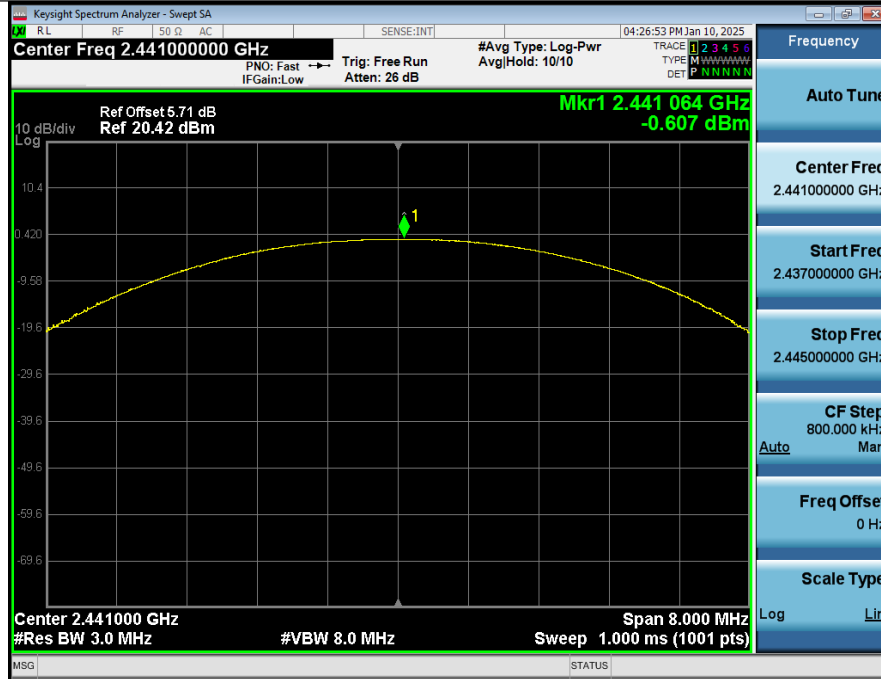
Peak Output Power_NVNT_ANT1_1-DH1_2480_00



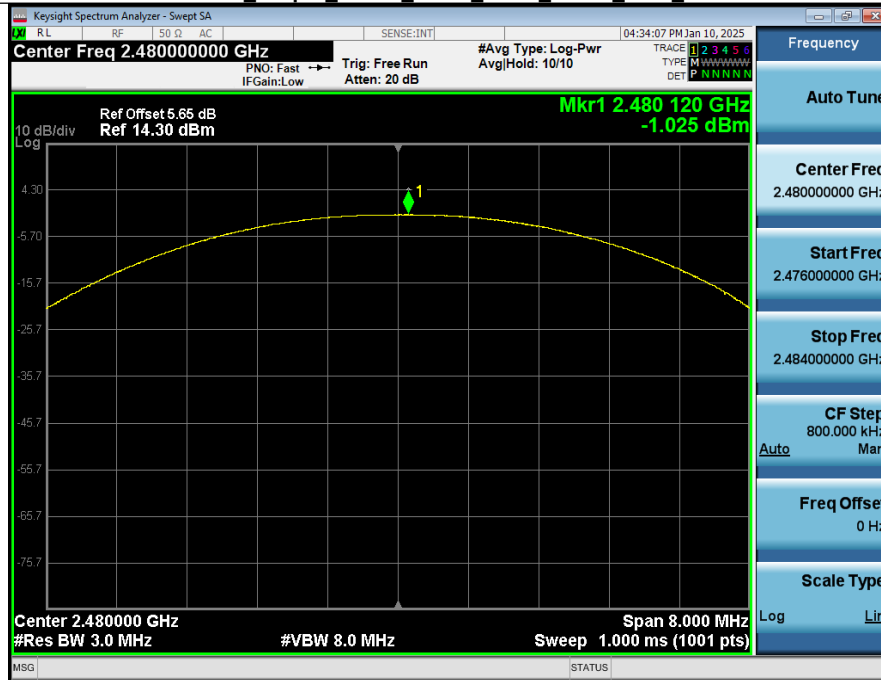
Peak Output Power_NVNT_ANT1_2-DH1_2402_00



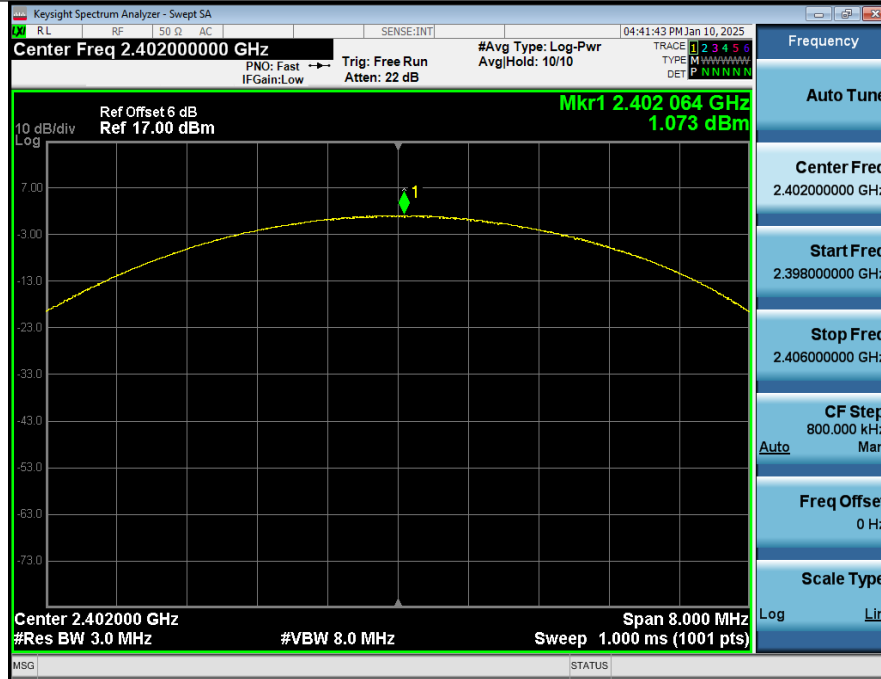
Peak Output Power_NVNT_ANT1_2-DH1_2441_00



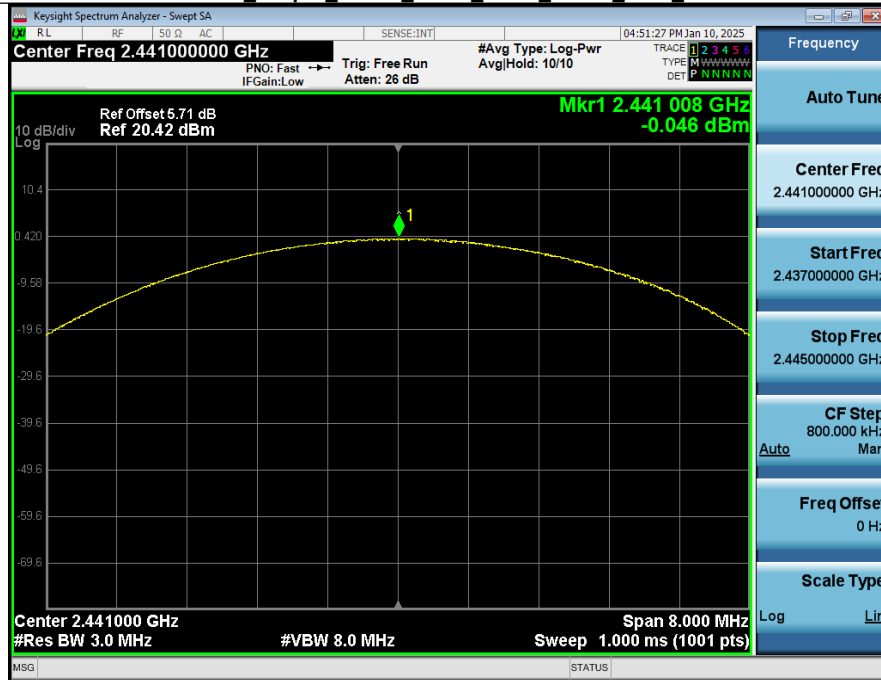
Peak Output Power_NVNT_ANT1_2-DH1_2480_00



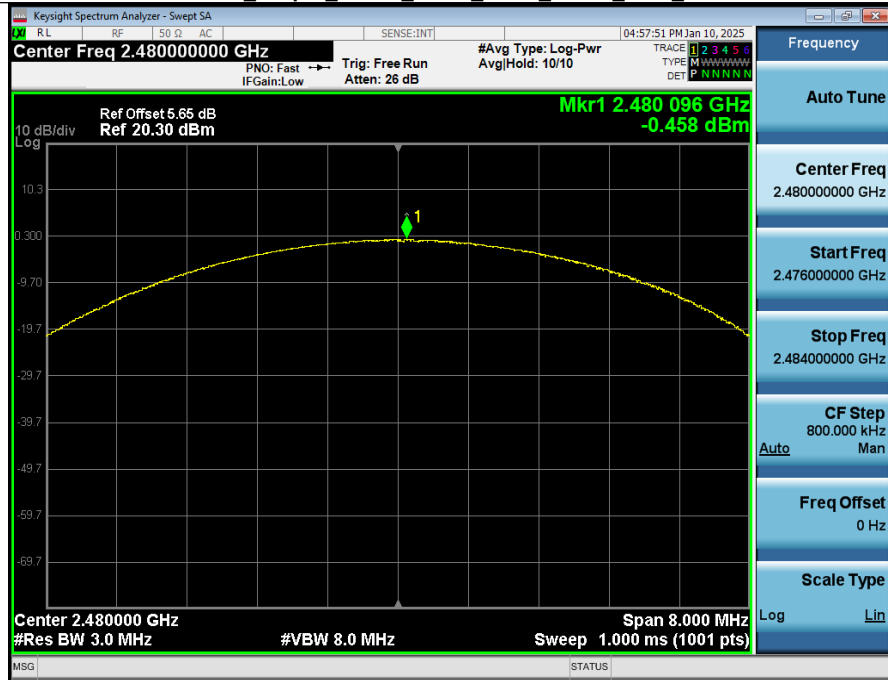
Peak Output Power_NVNT_ANT1_3-DH1_2402_00



Peak Output Power_NVNT_ANT1_3-DH1_2441_00

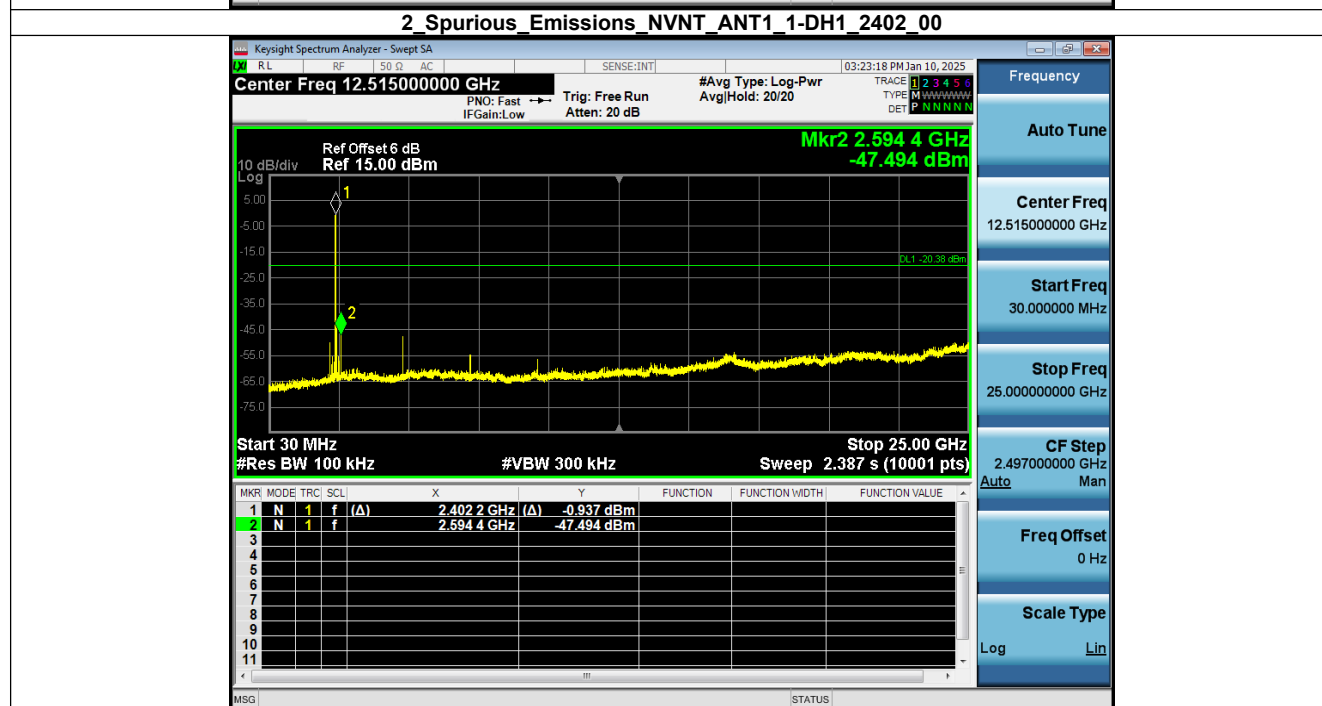
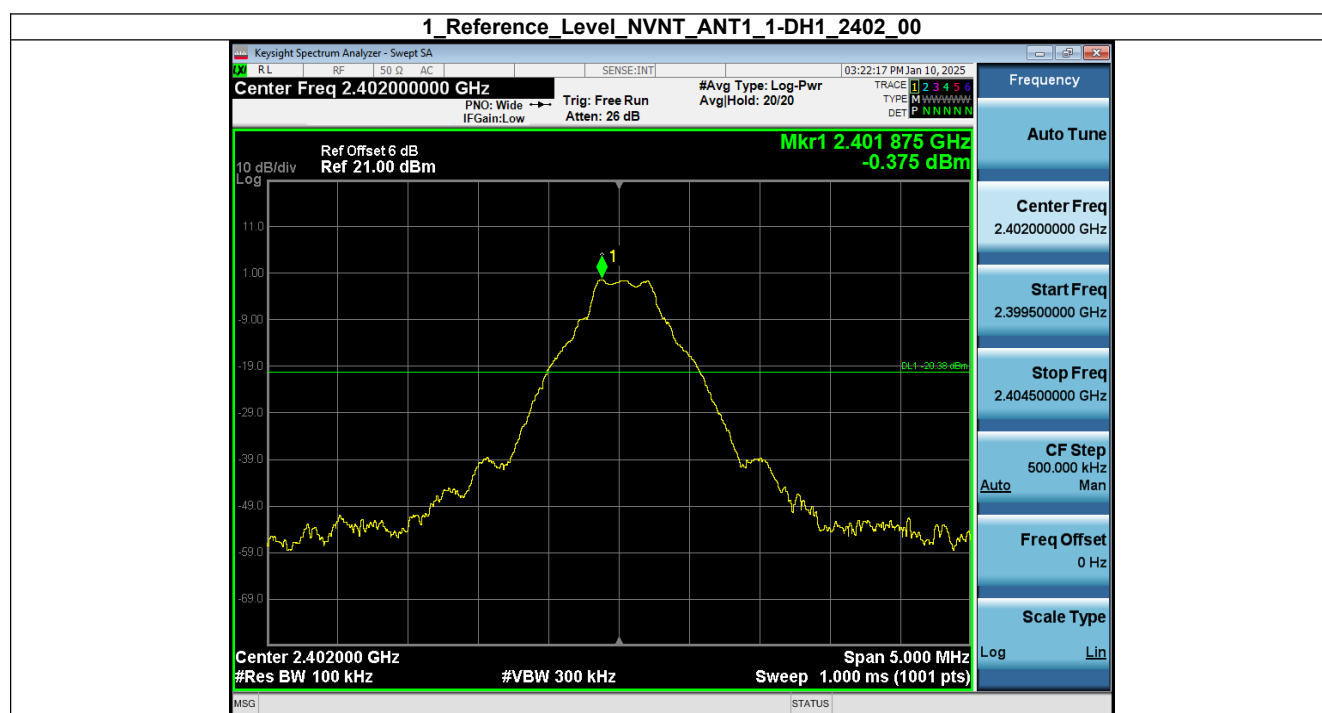


Peak_Output_Power_NVNT_ANT1_3-DH1_2480_00

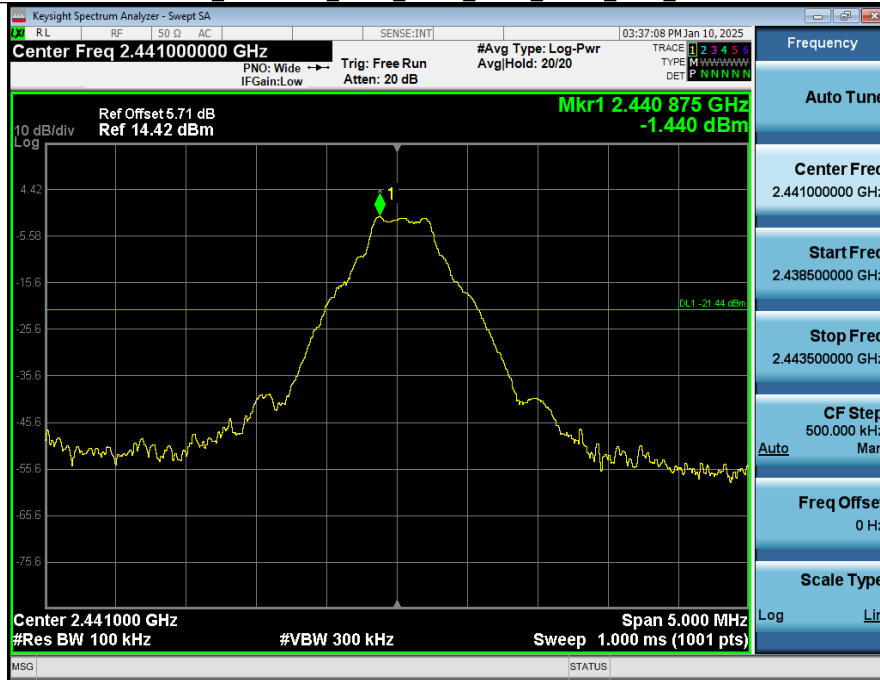


5. Spurious Emissions

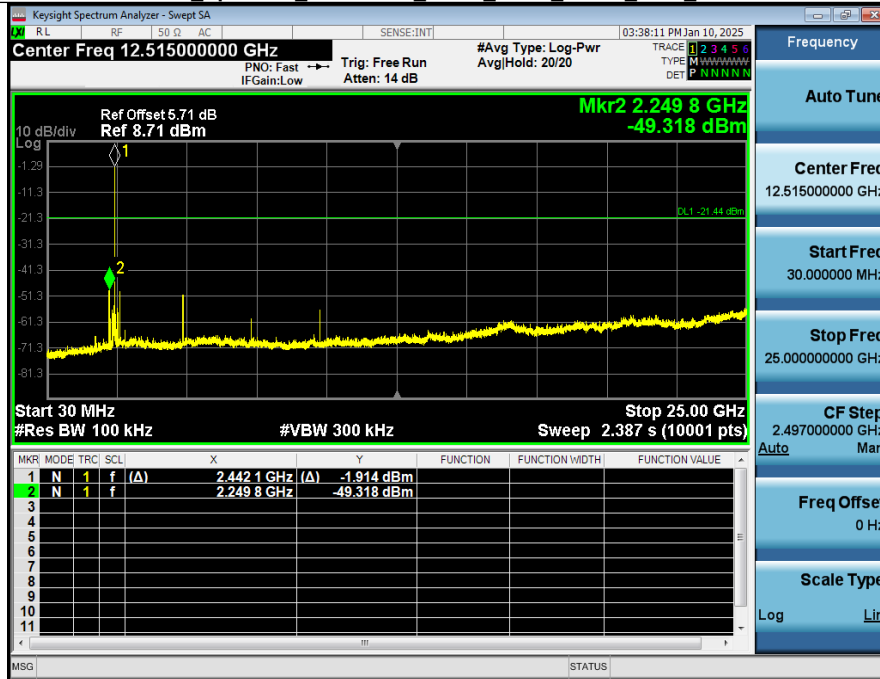
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.375	-47.494	-20.375	Pass
NVNT	ANT1	1-DH1	2441.00	-1.440	-49.318	-21.440	Pass
NVNT	ANT1	1-DH1	2480.00	-1.921	-46.070	-21.921	Pass
NVNT	ANT1	2-DH1	2402.00	-0.309	-47.546	-20.309	Pass
NVNT	ANT1	2-DH1	2441.00	-1.509	-48.449	-21.509	Pass
NVNT	ANT1	2-DH1	2480.00	-1.950	-47.714	-21.950	Pass
NVNT	ANT1	3-DH1	2402.00	-0.372	-48.001	-20.372	Pass
NVNT	ANT1	3-DH1	2441.00	-1.550	-49.617	-21.550	Pass
NVNT	ANT1	3-DH1	2480.00	-2.017	-47.986	-22.017	Pass



1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



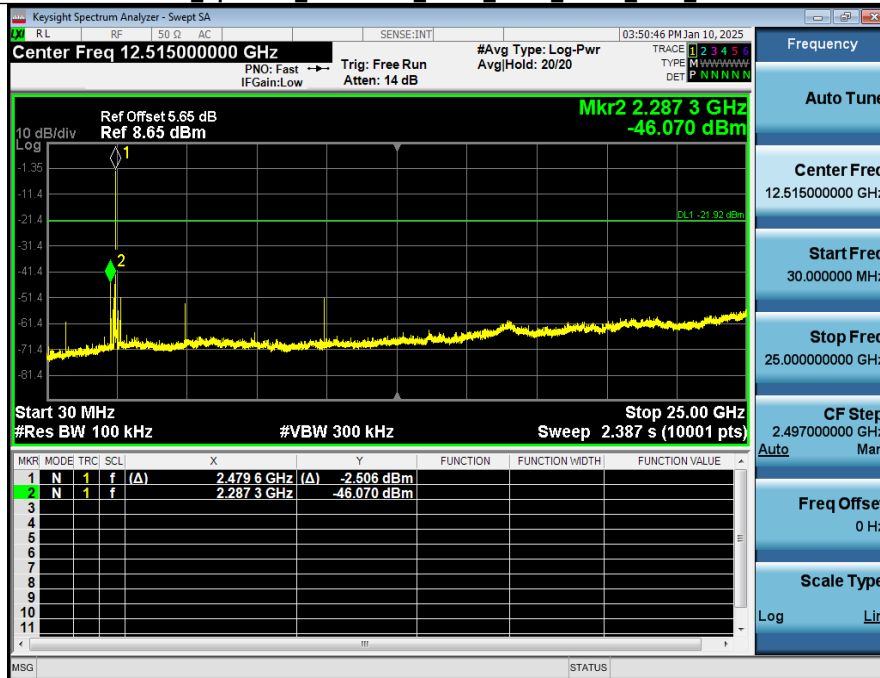
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



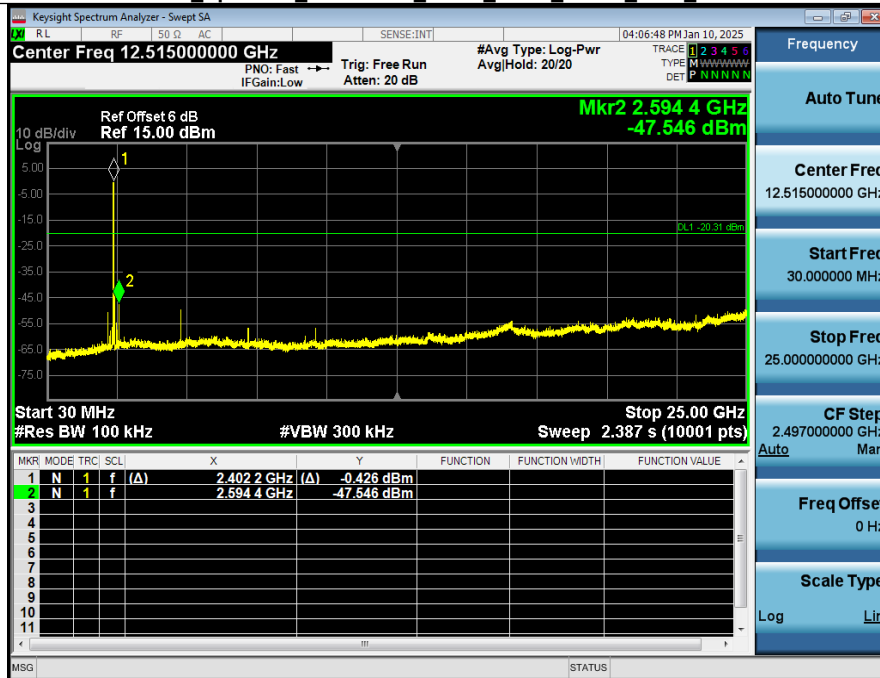
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



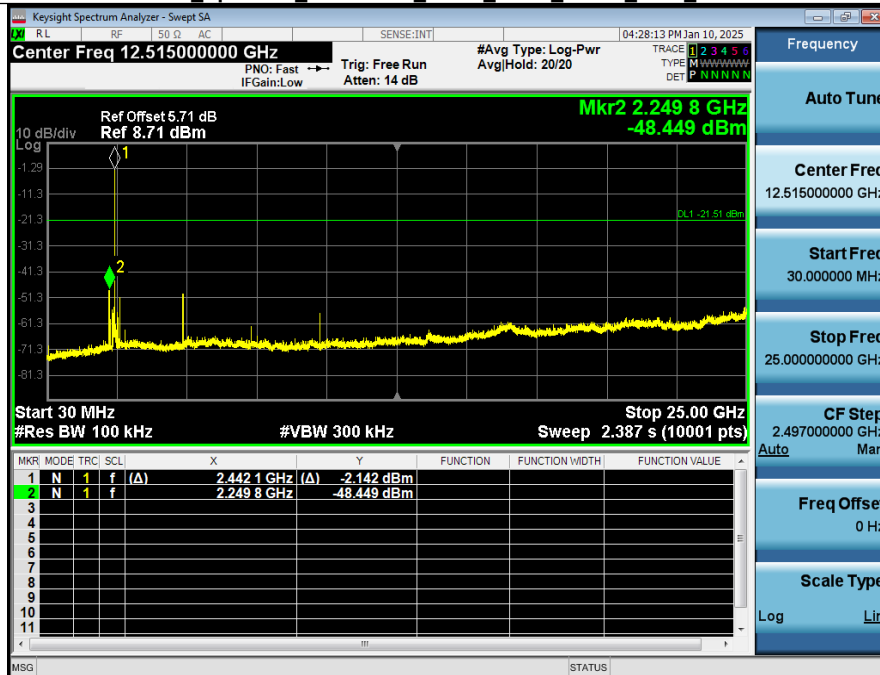
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



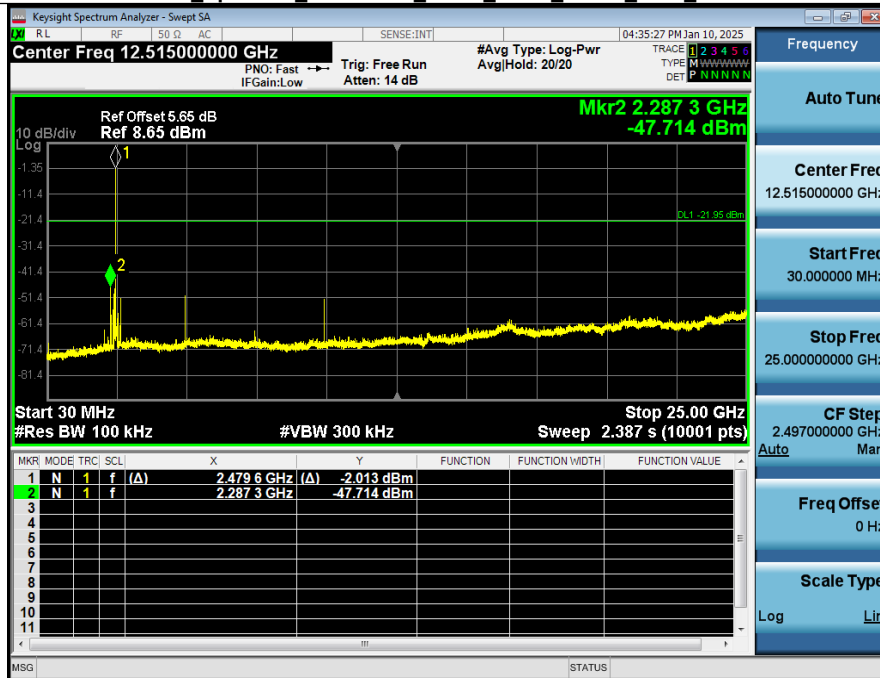
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



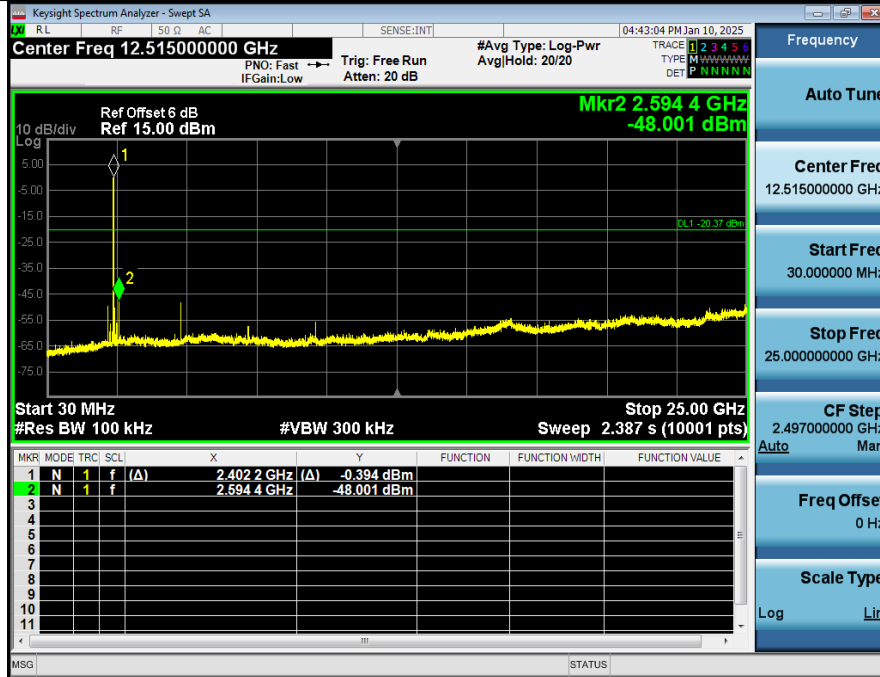
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



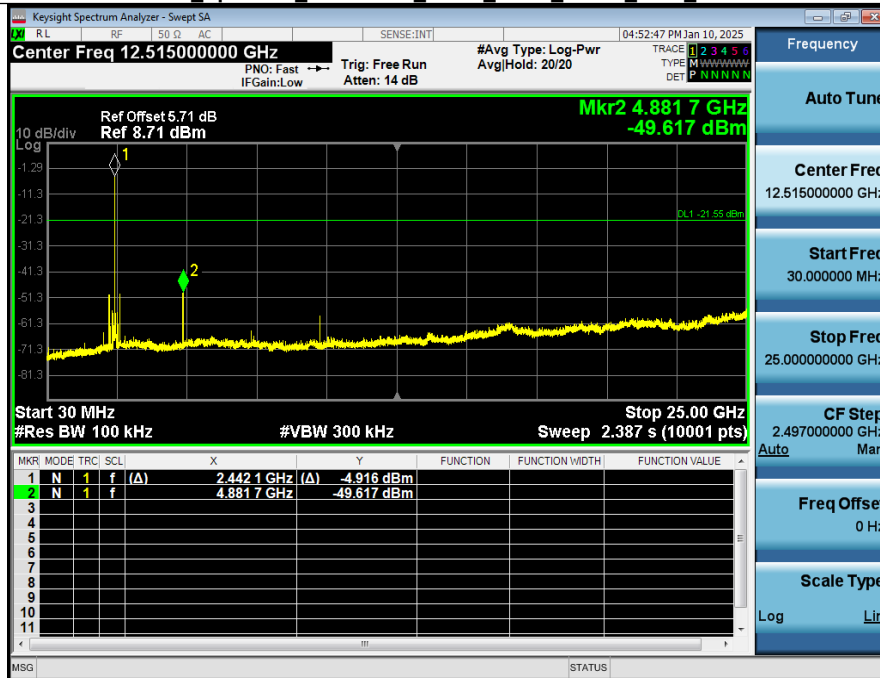
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



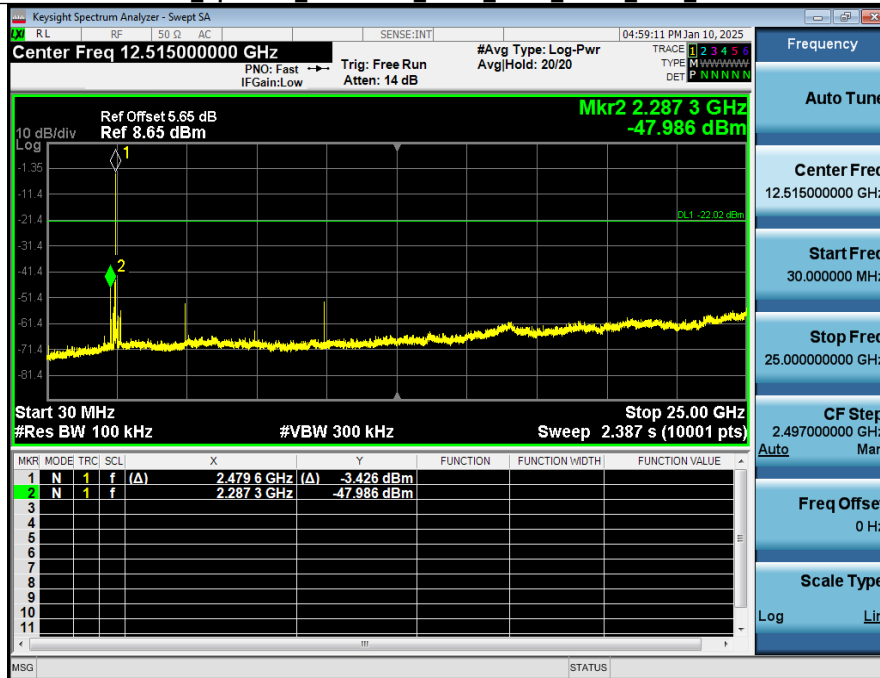
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00

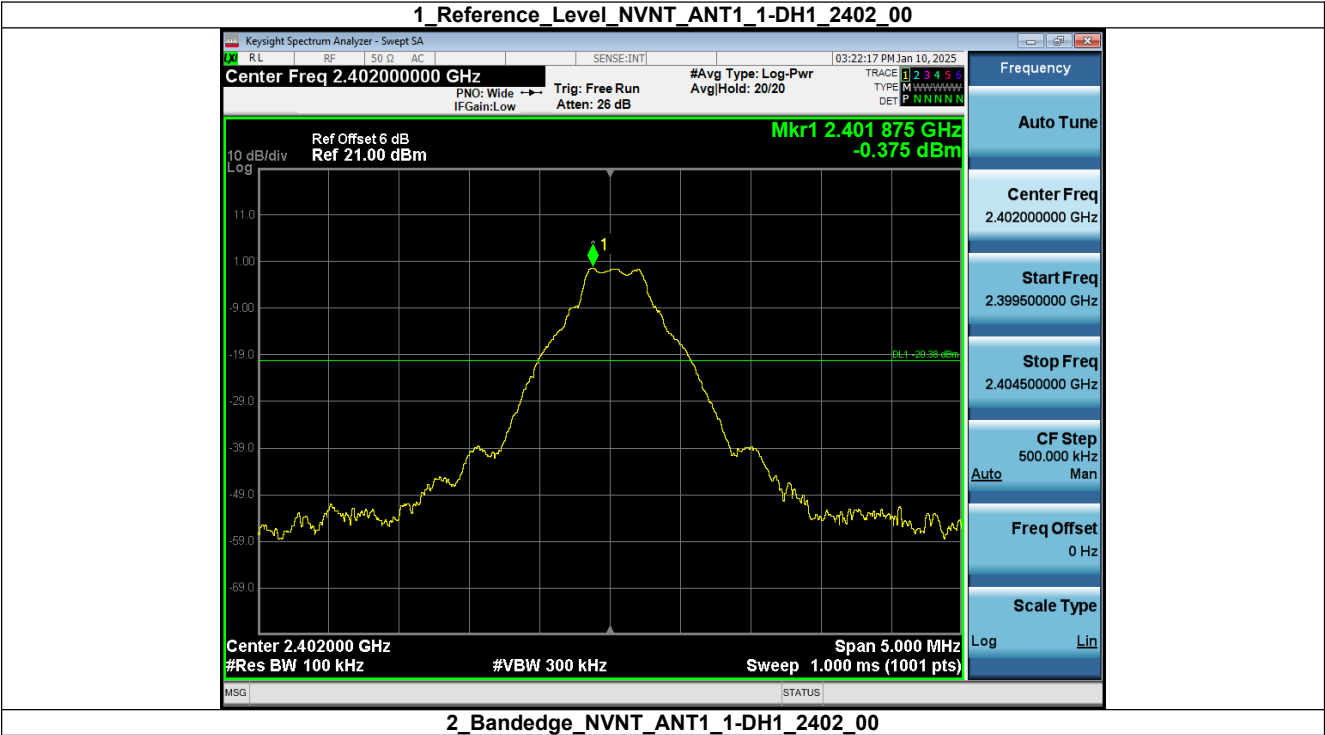


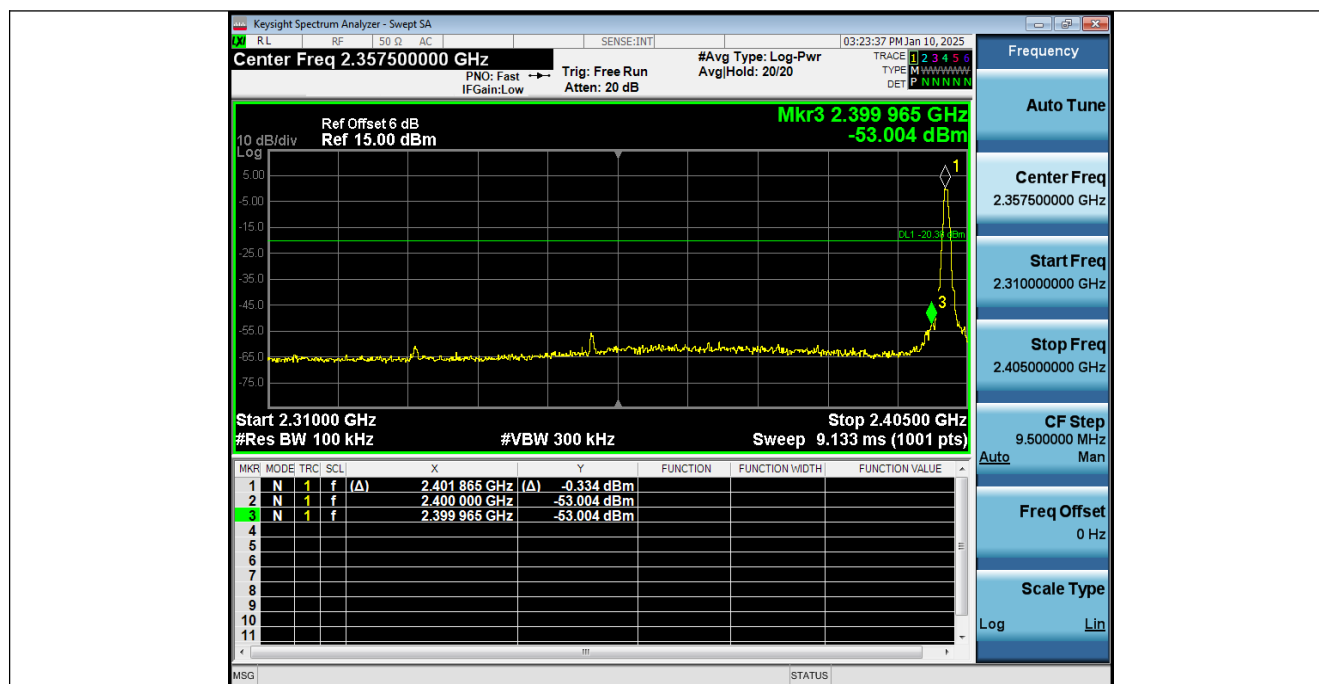
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



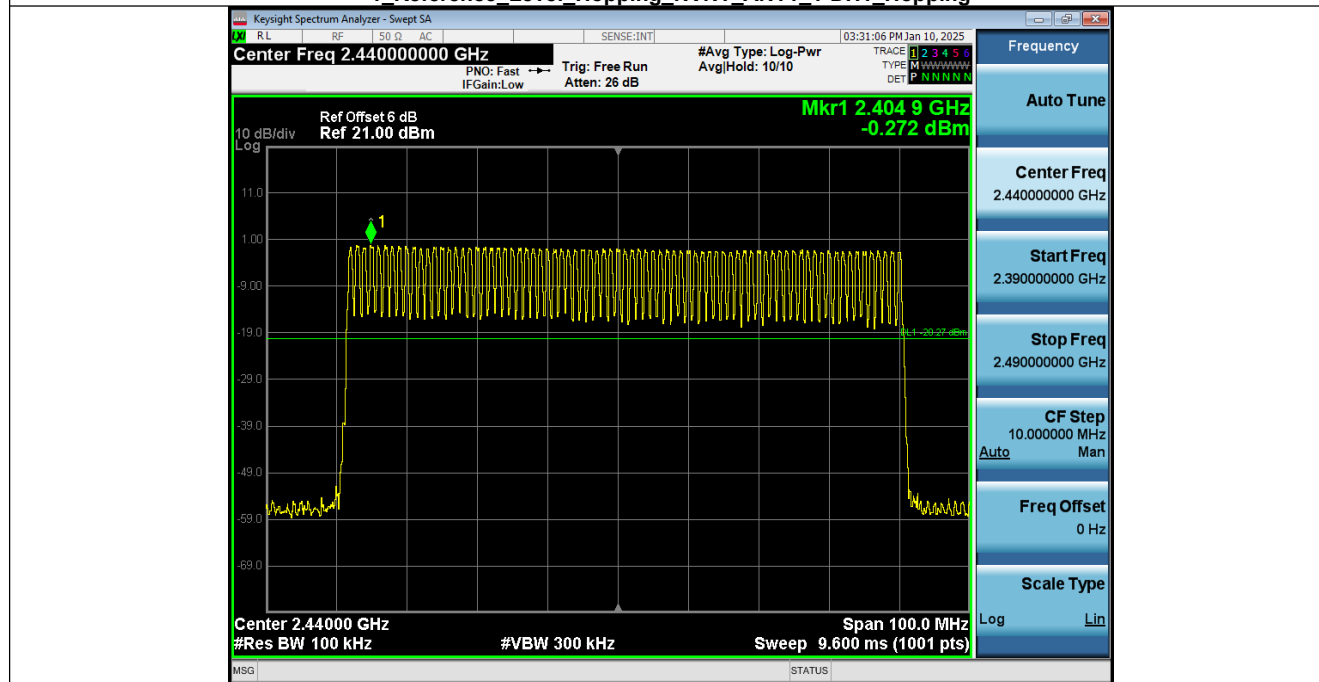
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.375	-53.004	-20.375	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.272	-54.388	-20.272	Pass
NVNT	ANT1	1-DH1	2480.00	-1.921	-63.286	-21.921	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.620	-54.346	-20.620	Pass
NVNT	ANT1	2-DH1	2402.00	-0.309	-50.928	-20.309	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.303	-55.754	-20.303	Pass
NVNT	ANT1	2-DH1	2480.00	-1.950	-64.291	-21.950	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.785	-55.044	-20.785	Pass
NVNT	ANT1	3-DH1	2402.00	-0.372	-50.079	-20.372	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.543	-57.955	-20.543	Pass
NVNT	ANT1	3-DH1	2480.00	-2.017	-63.678	-22.017	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.839	-55.911	-20.839	Pass

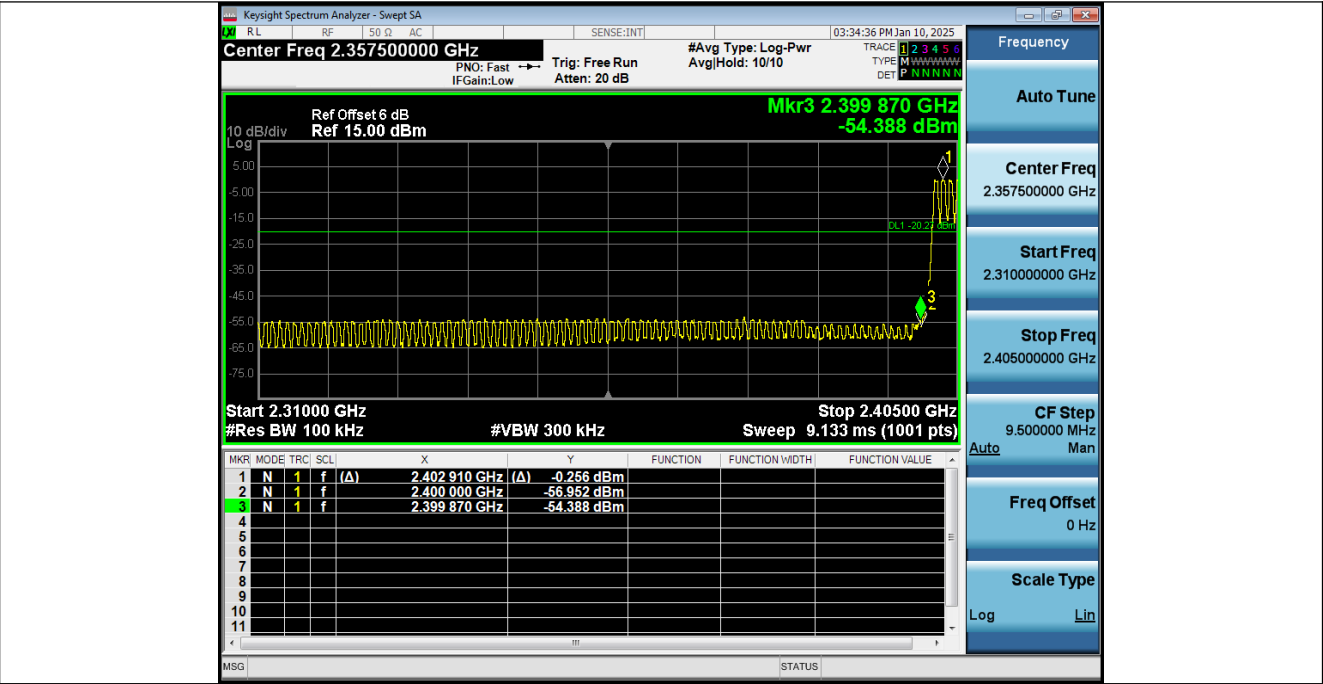




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



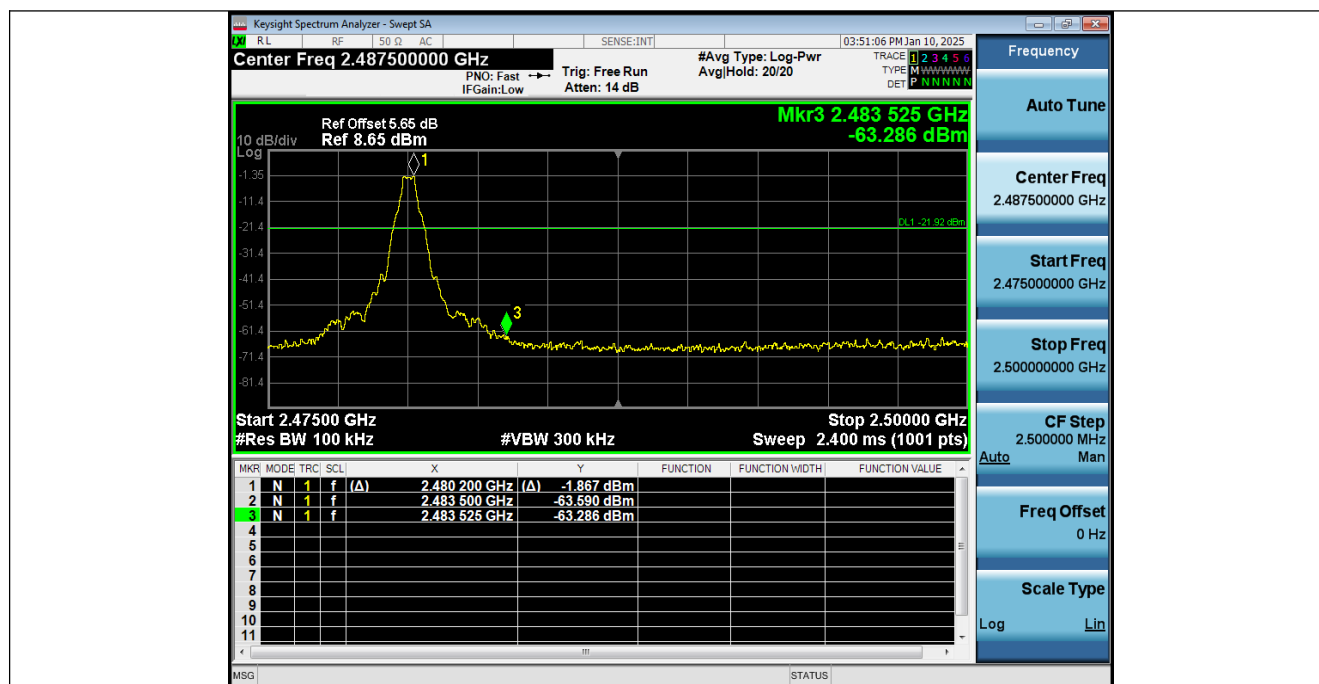
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



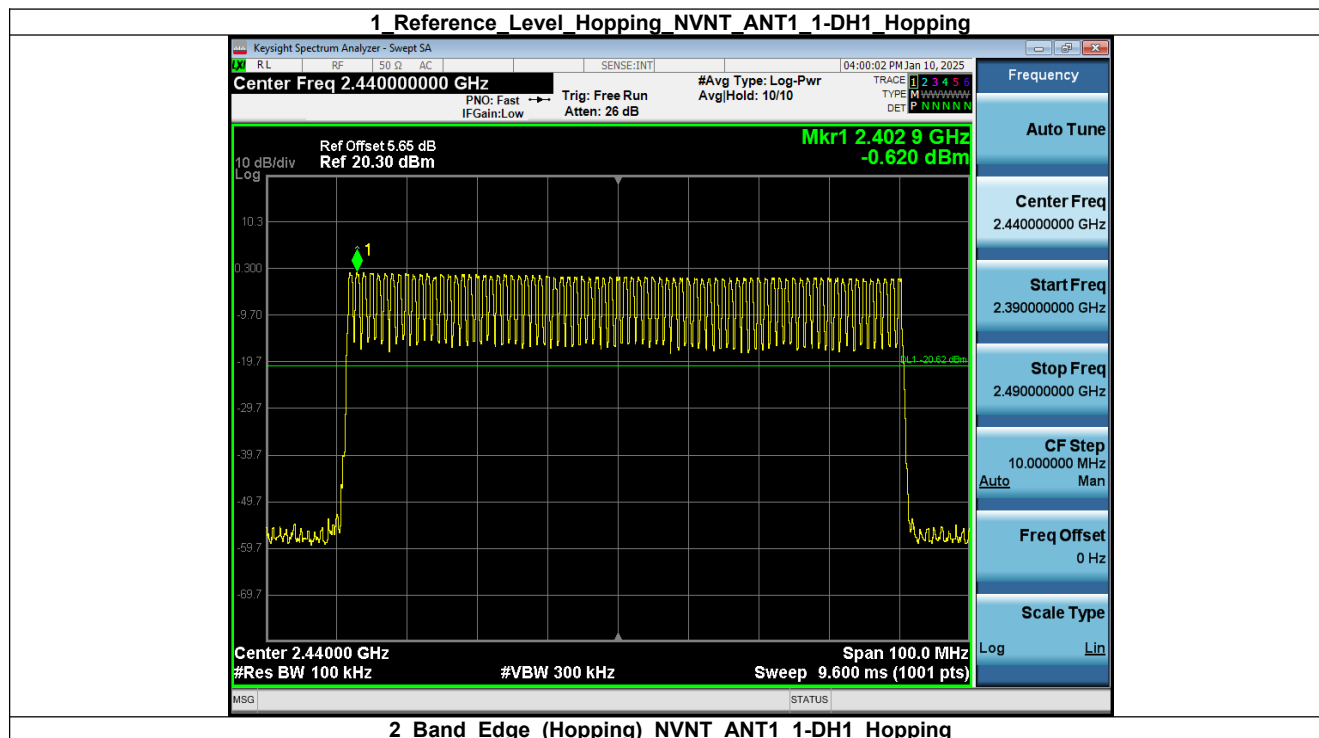
1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



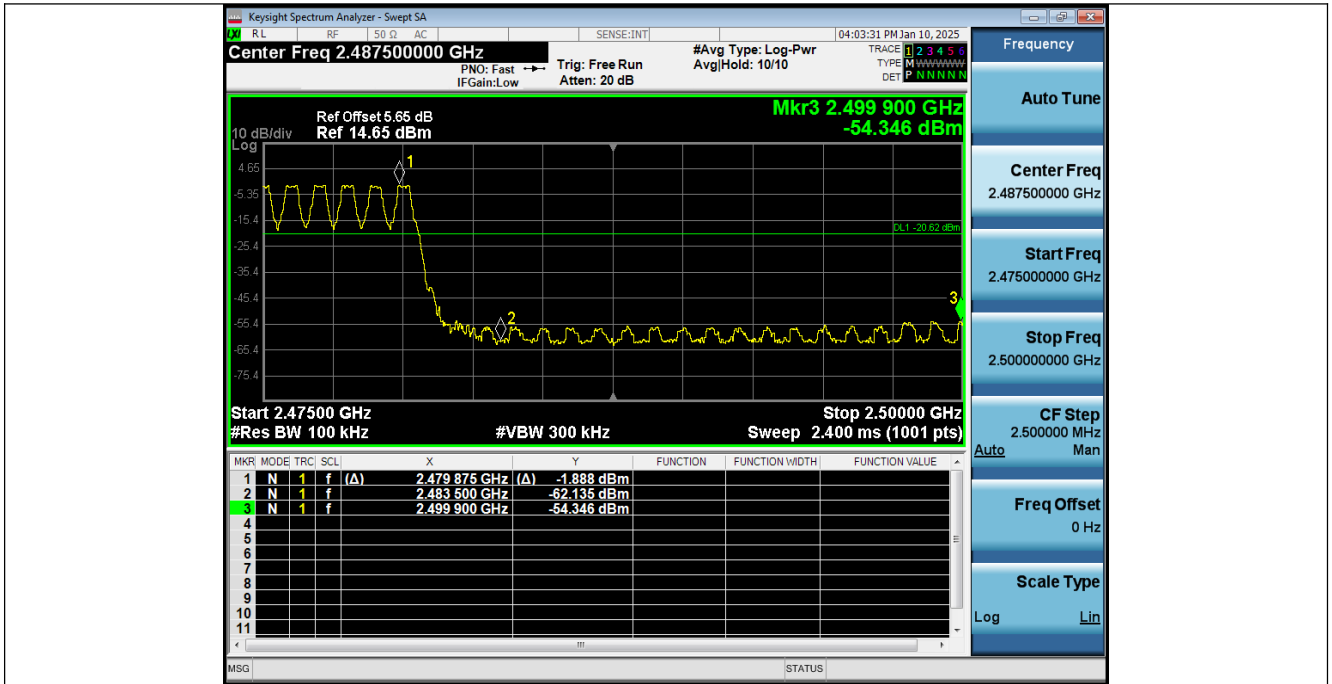
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



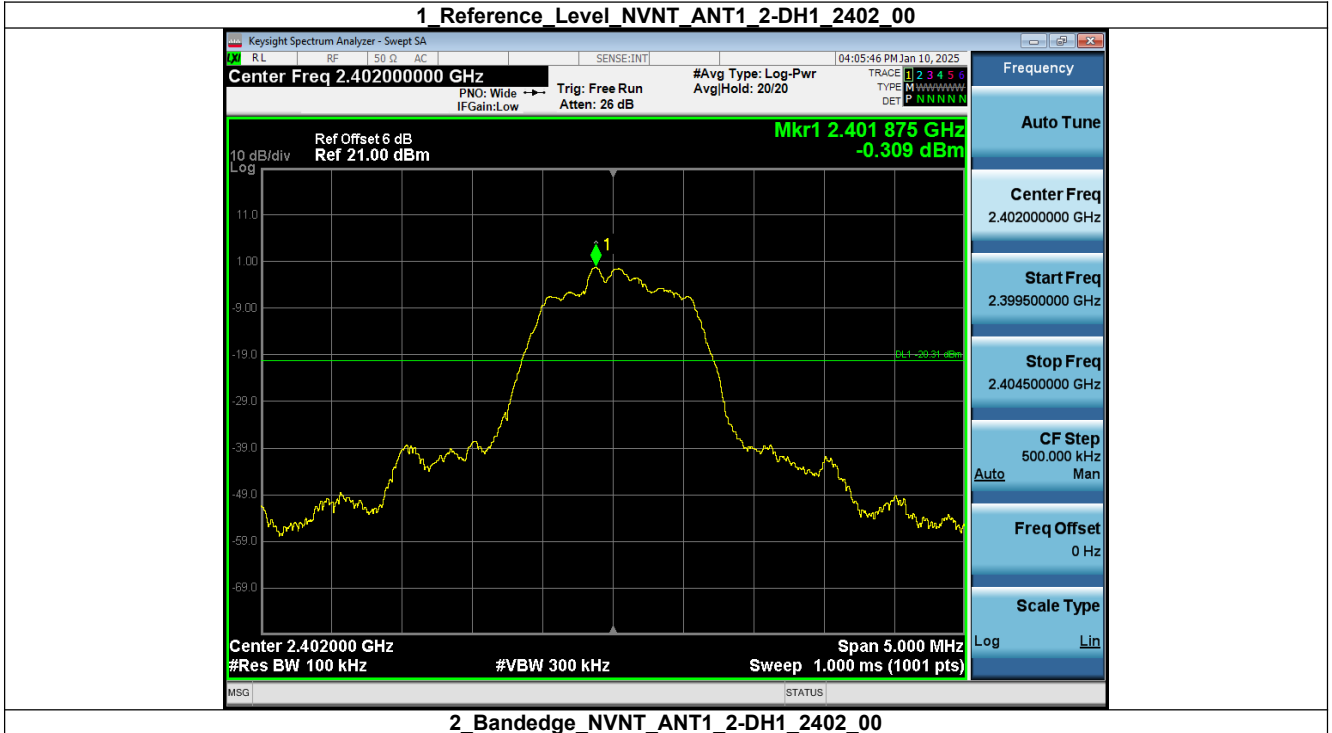
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



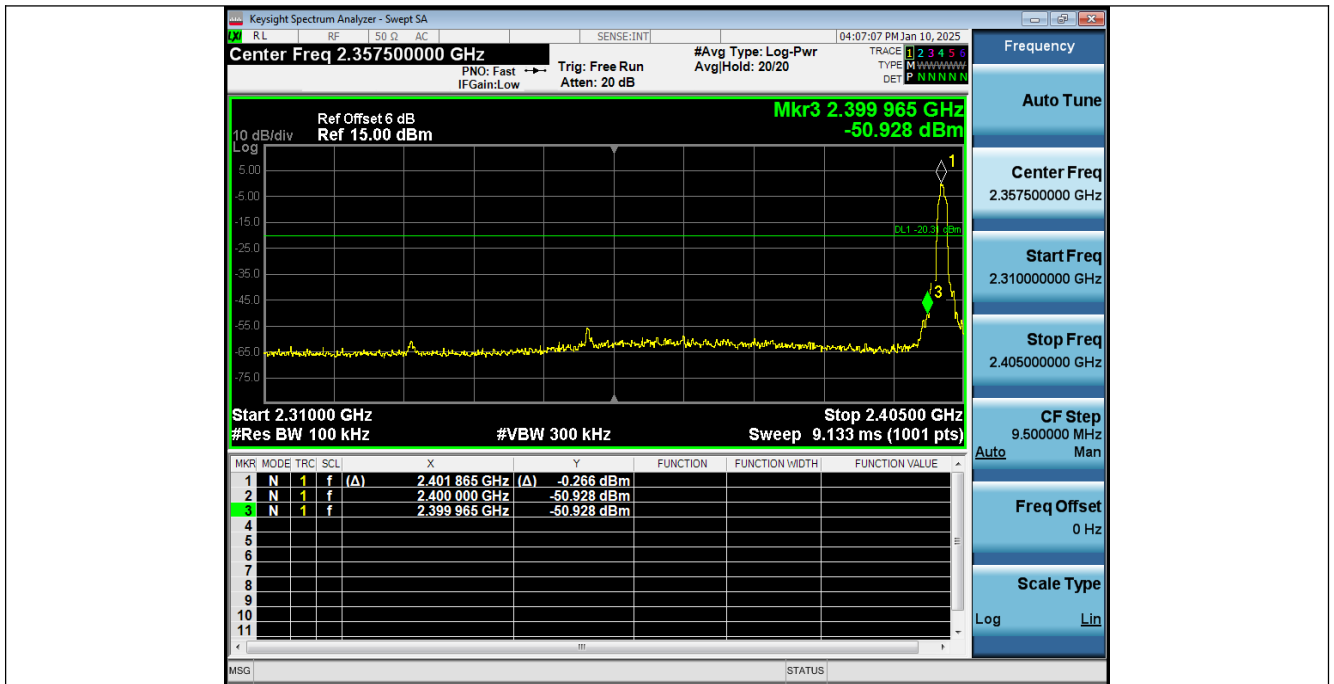
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



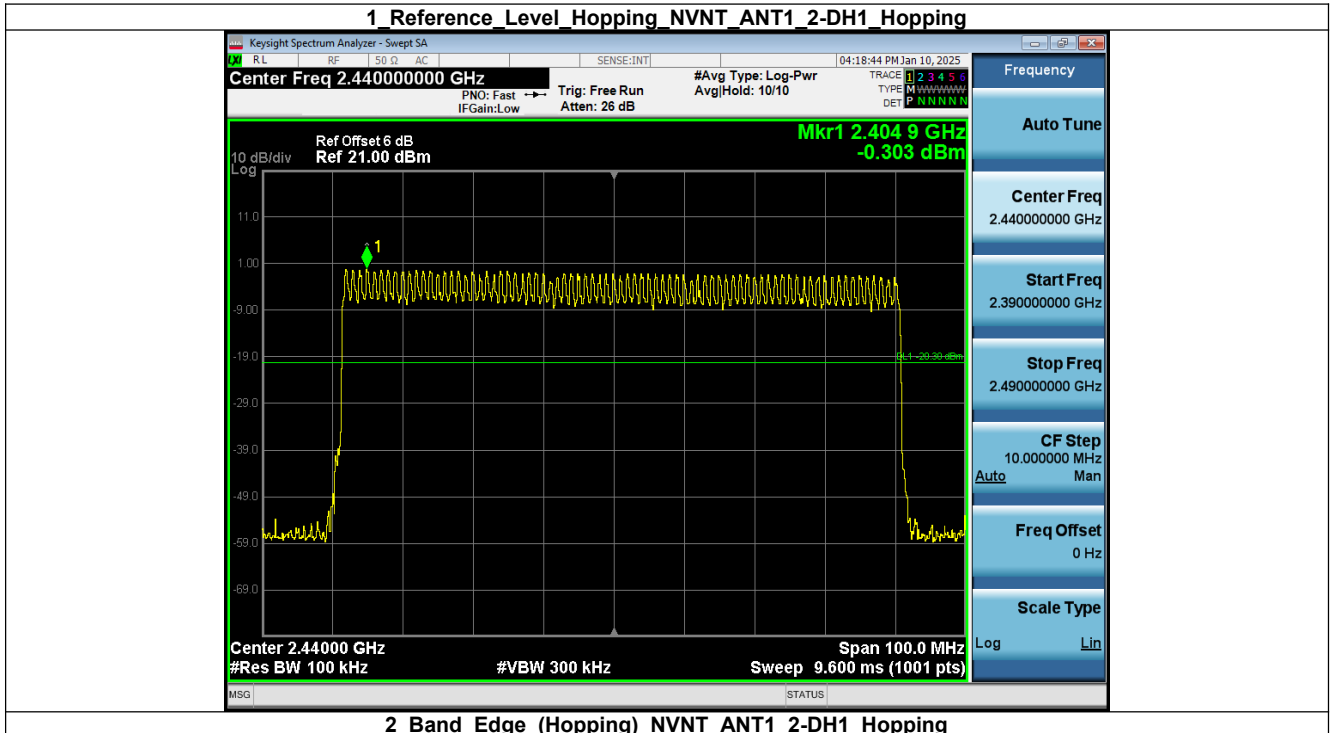
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00

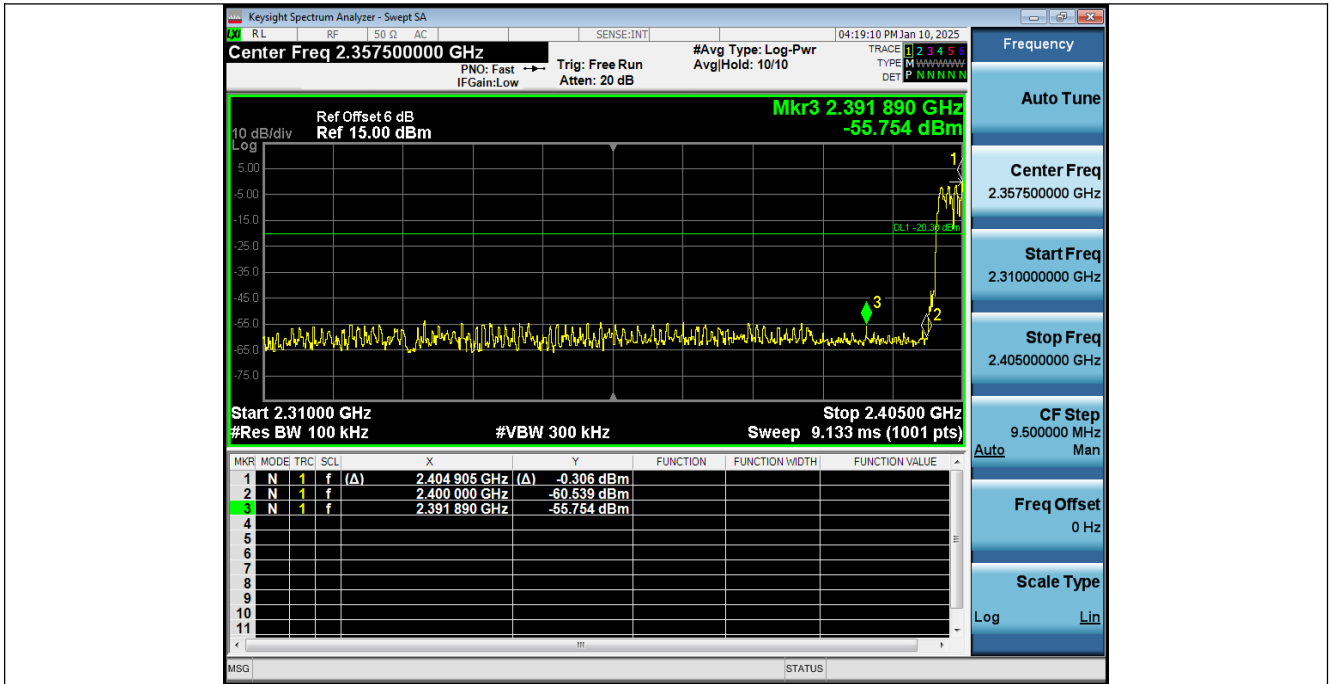


2_Bandedge_NVNT_ANT1_2-DH1_2402_00

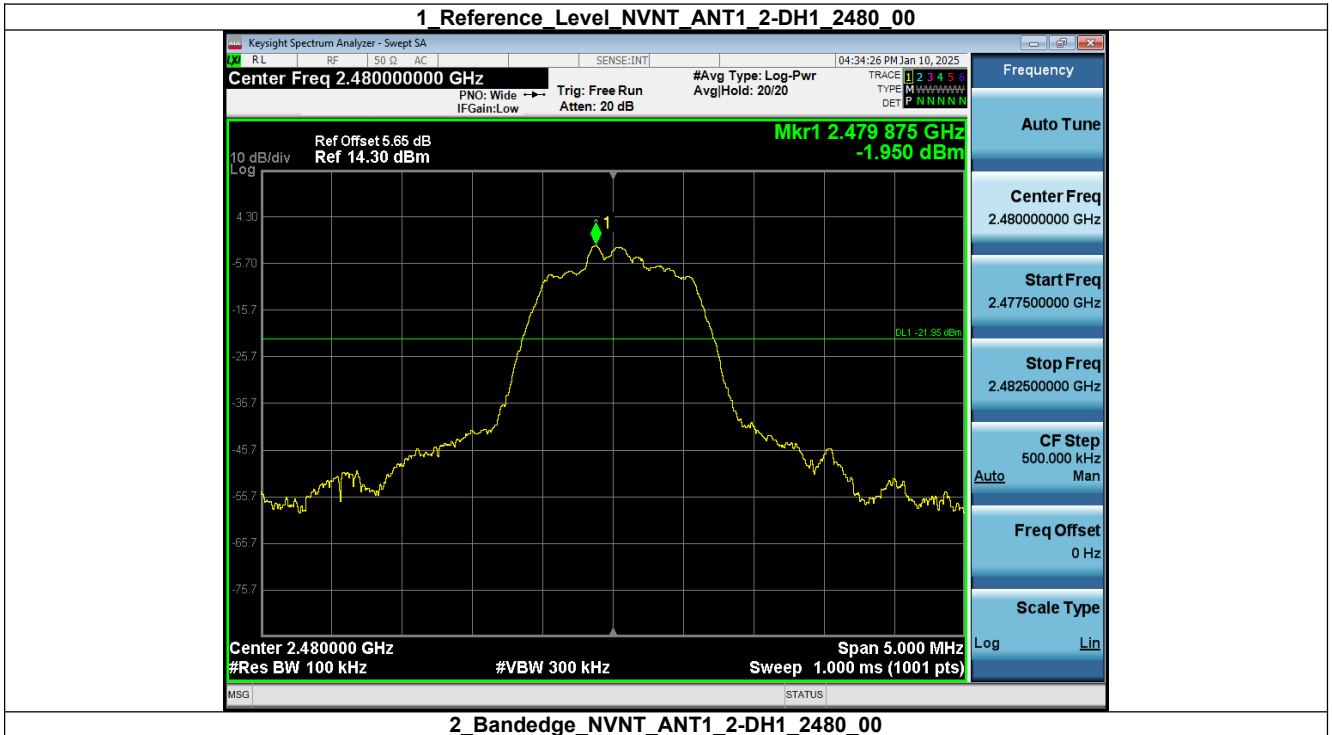


1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

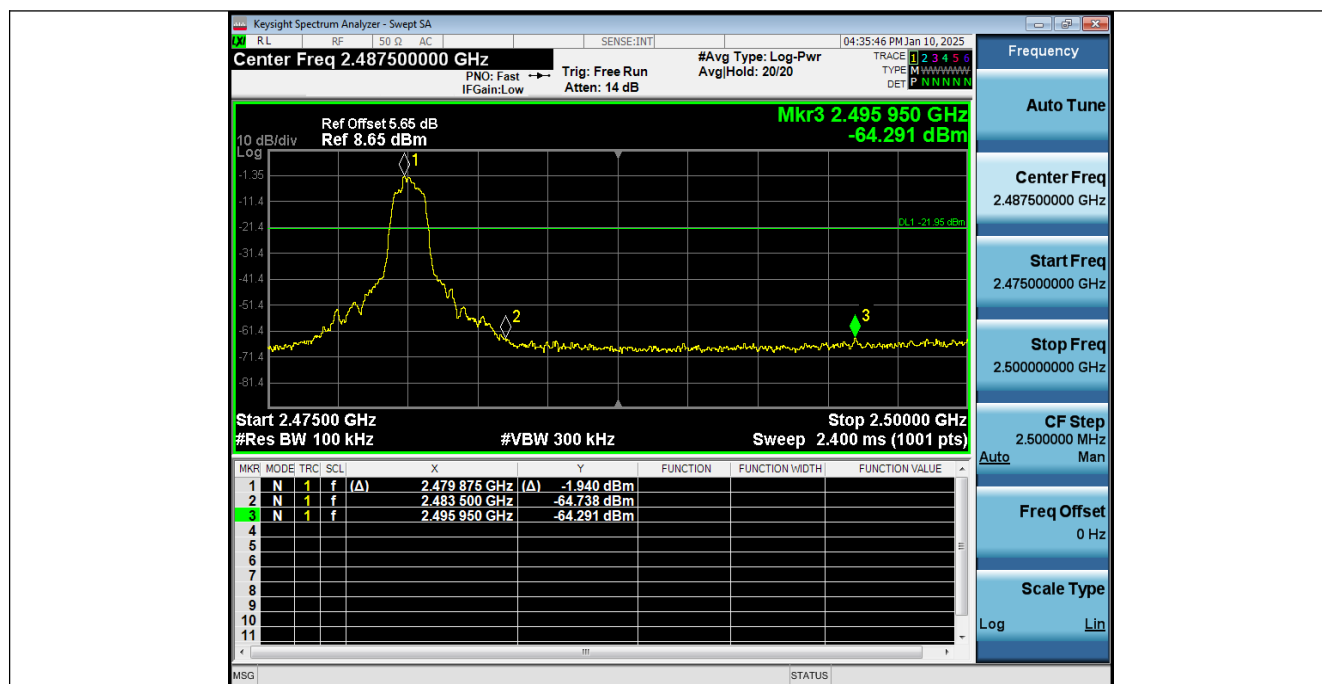




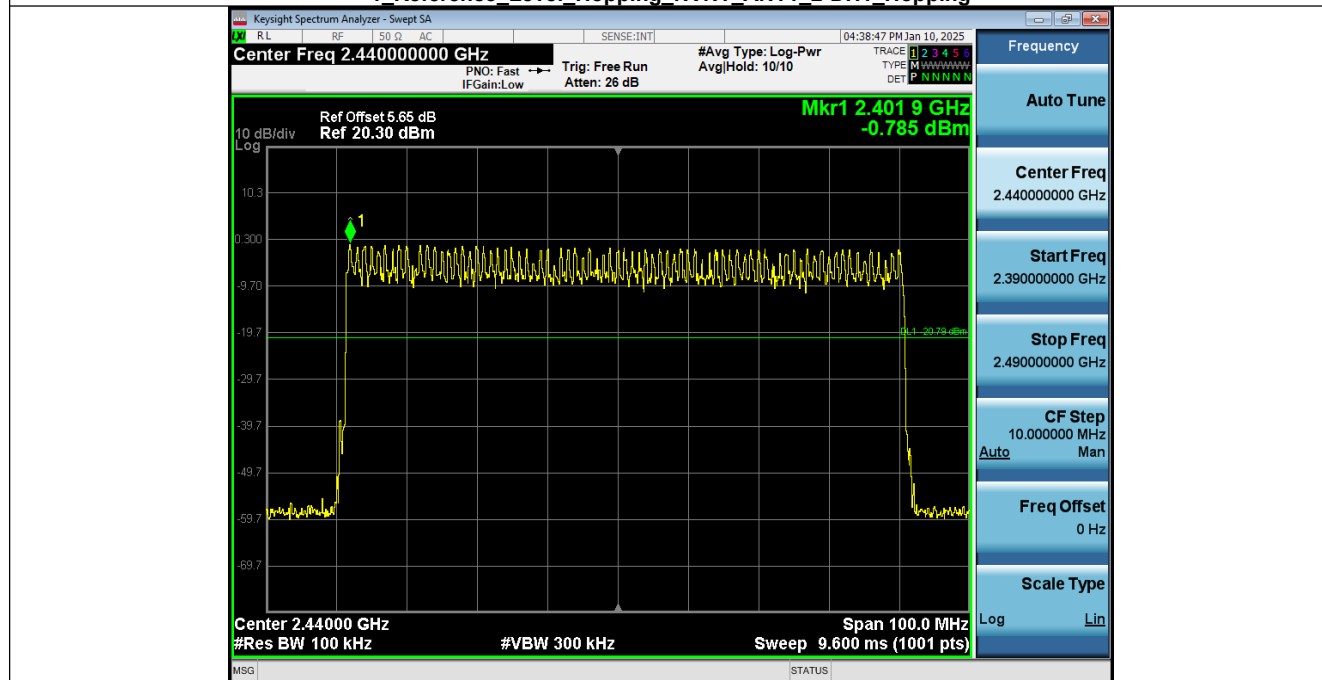
1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



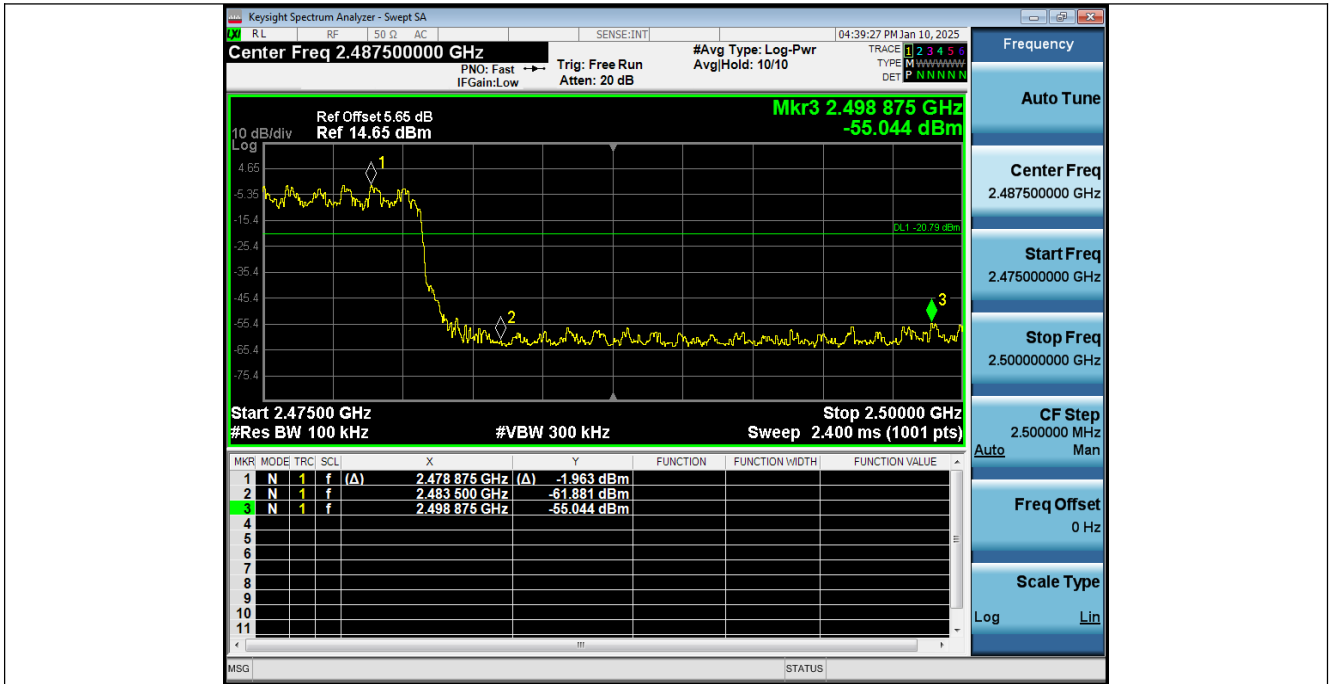
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



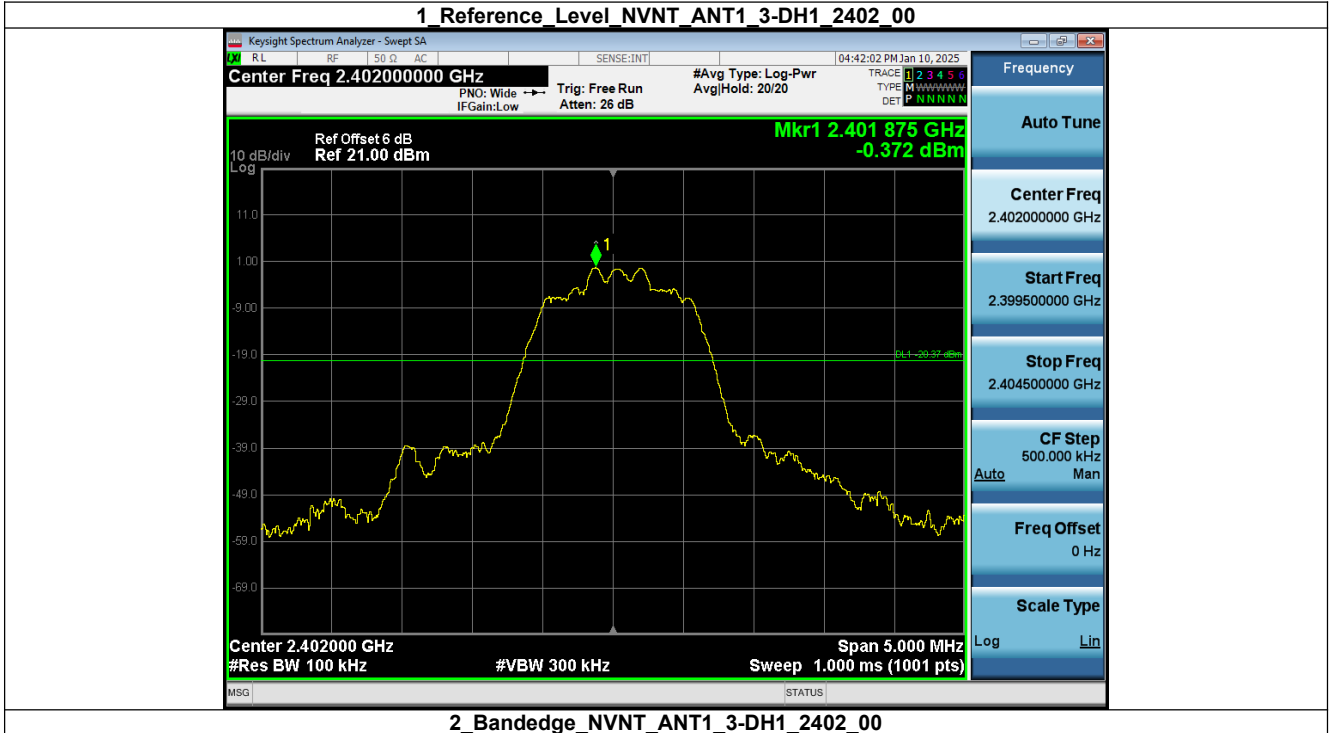
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



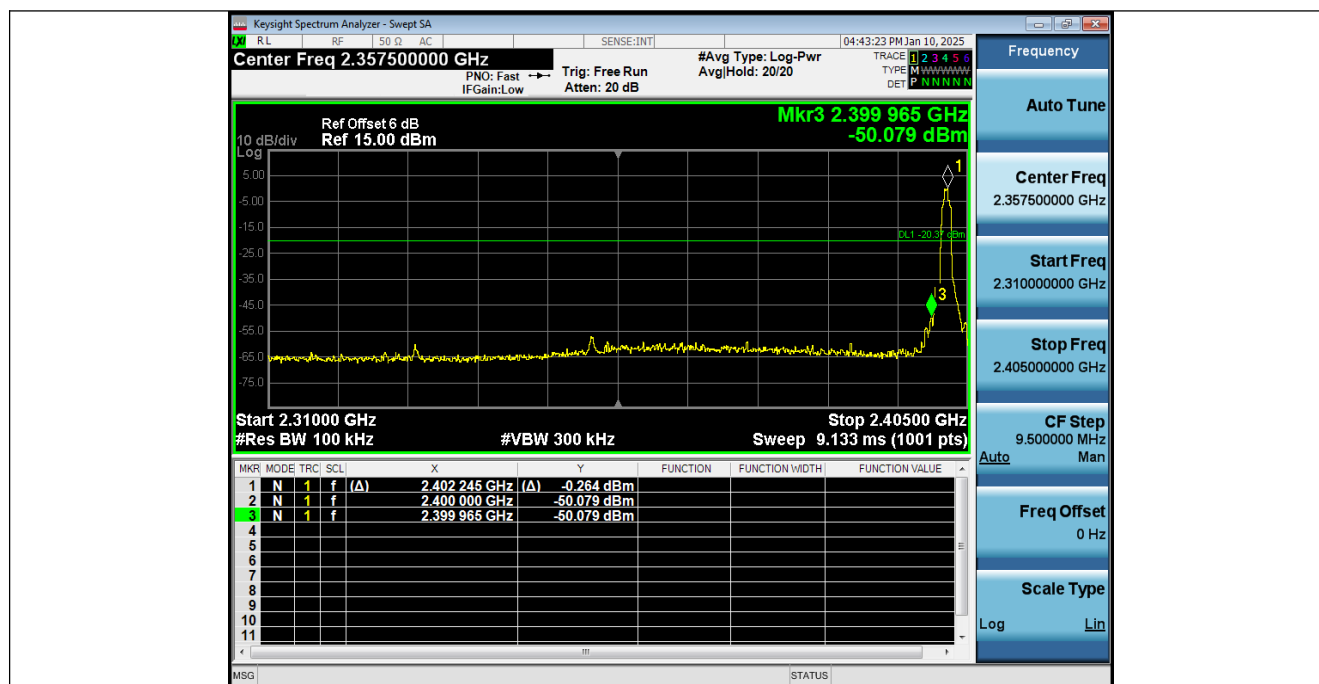
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



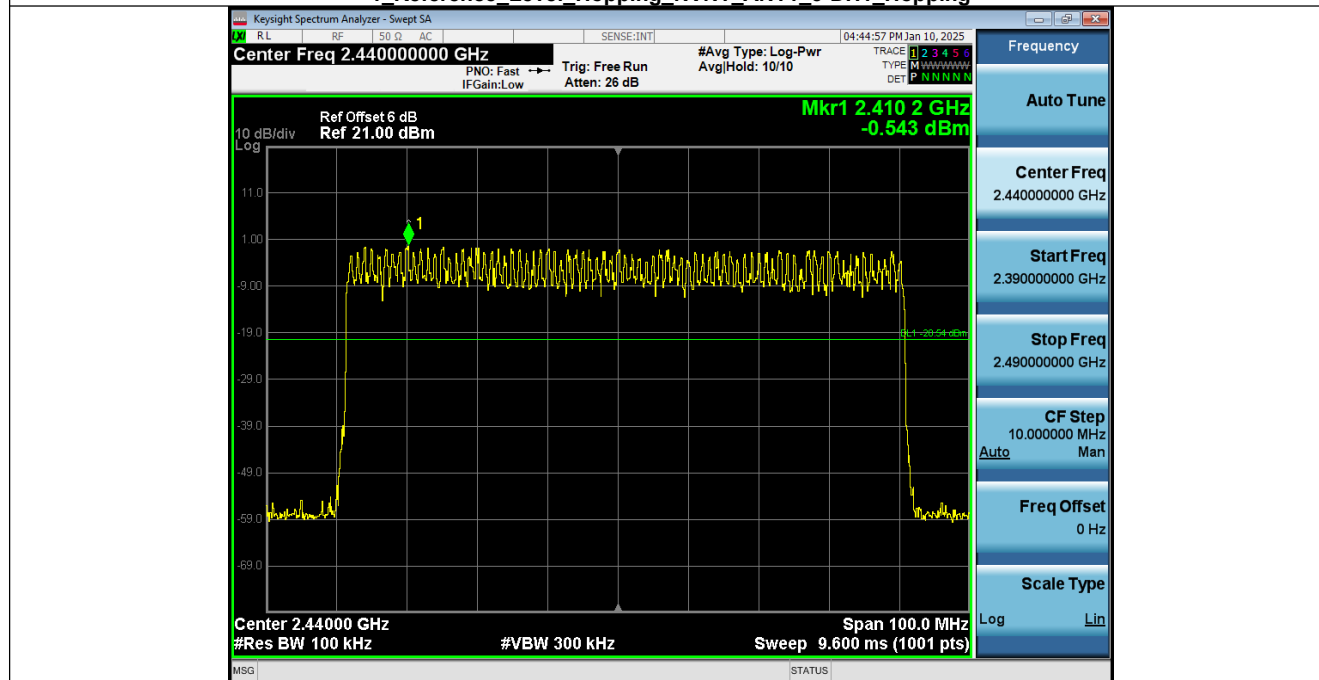
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



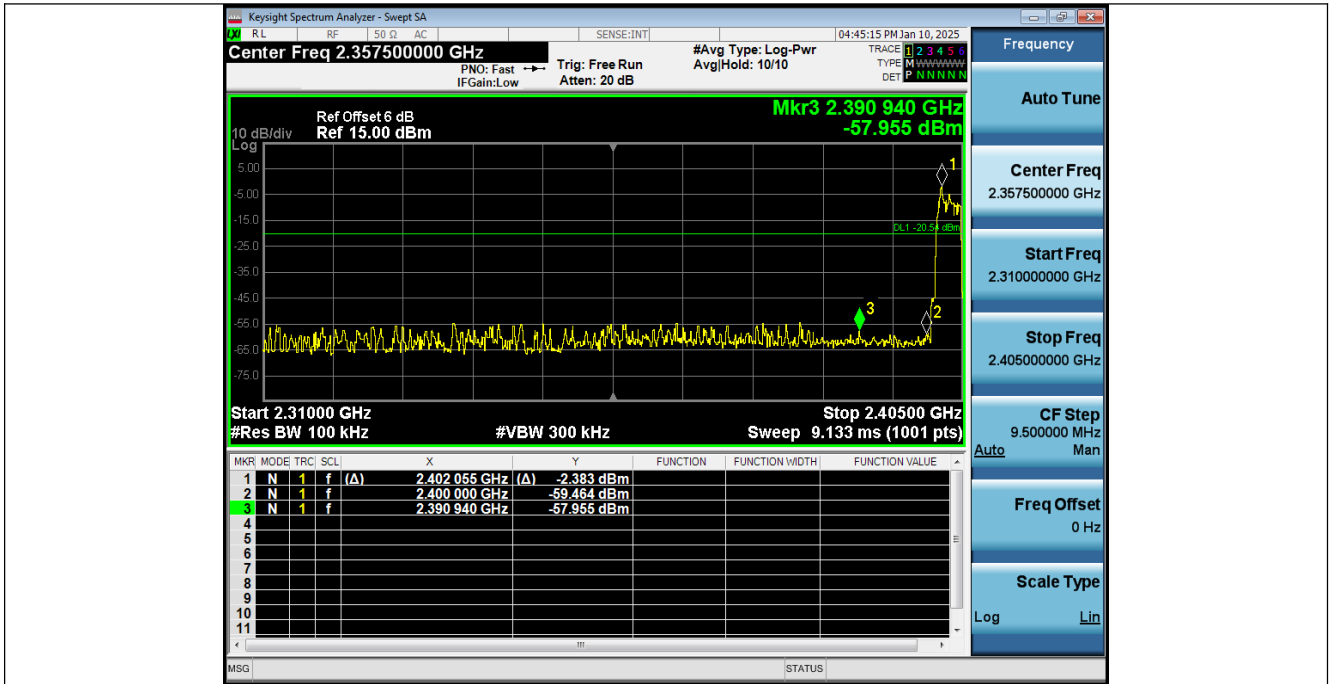
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



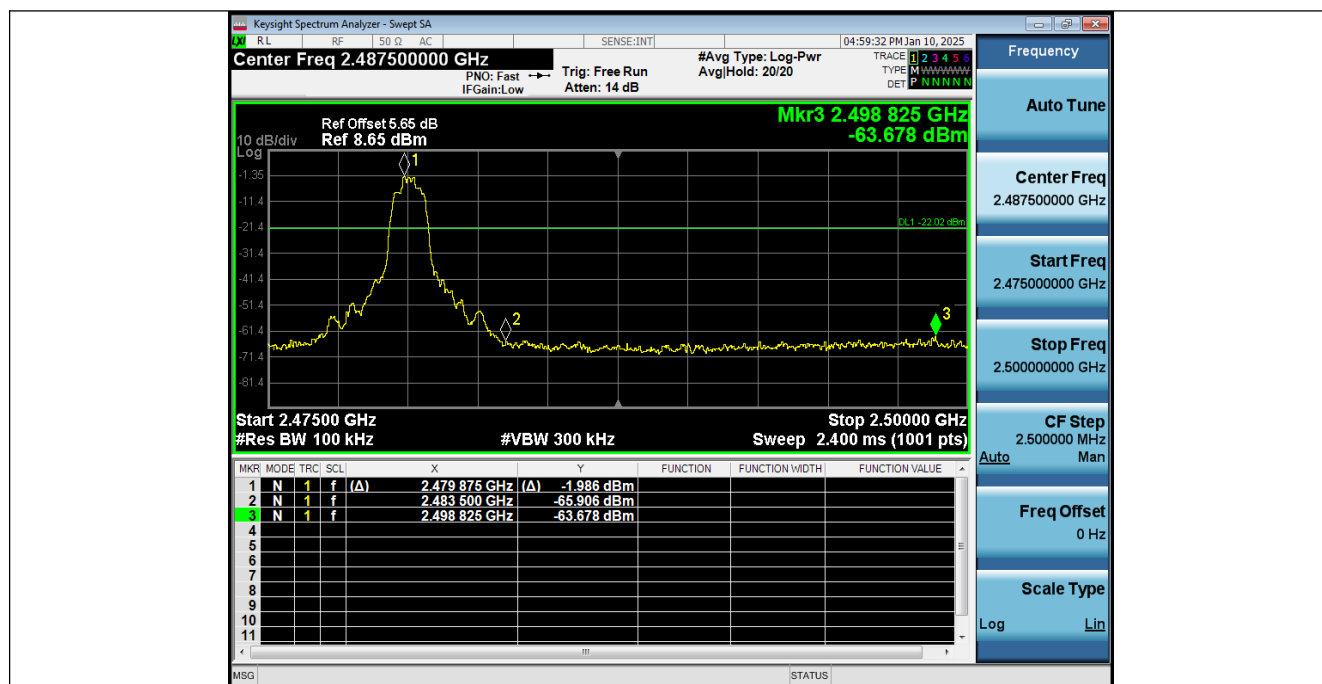
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



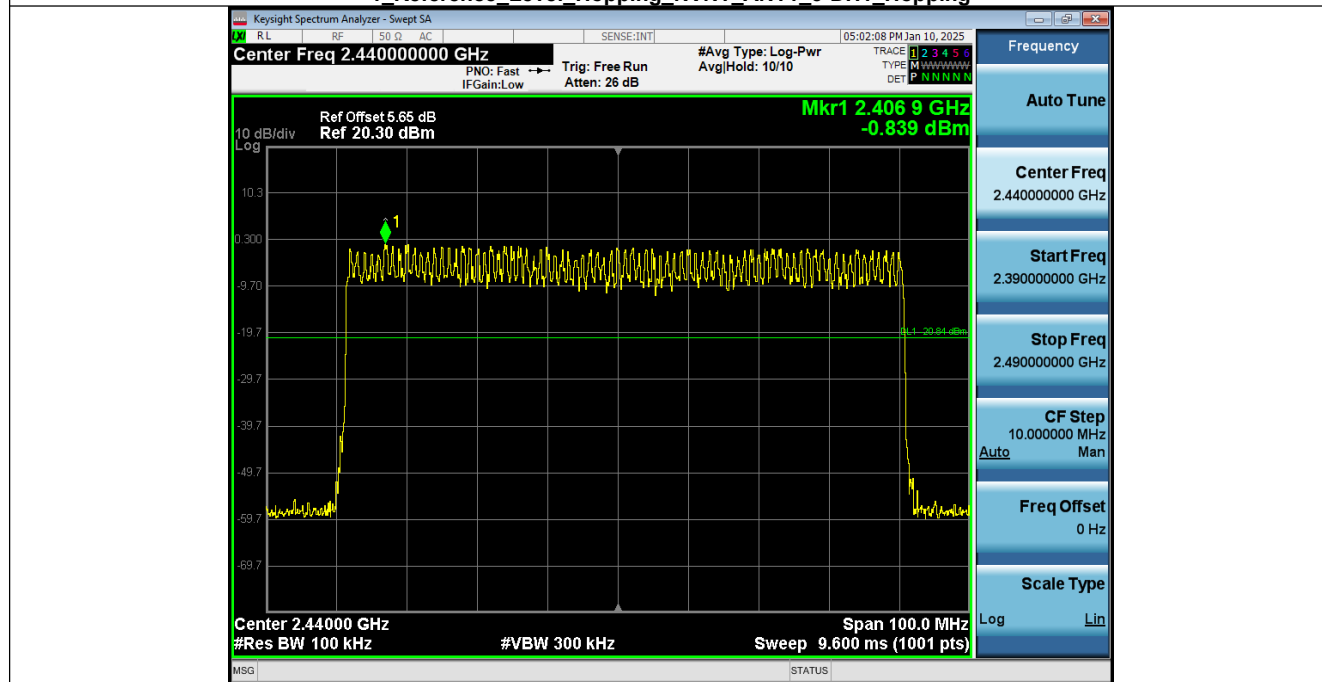
1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



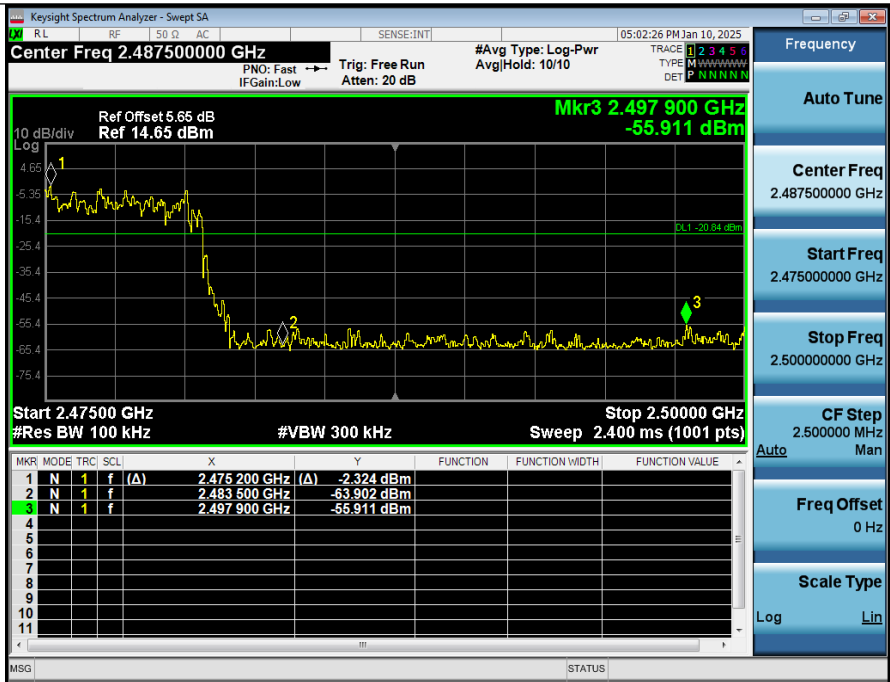
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

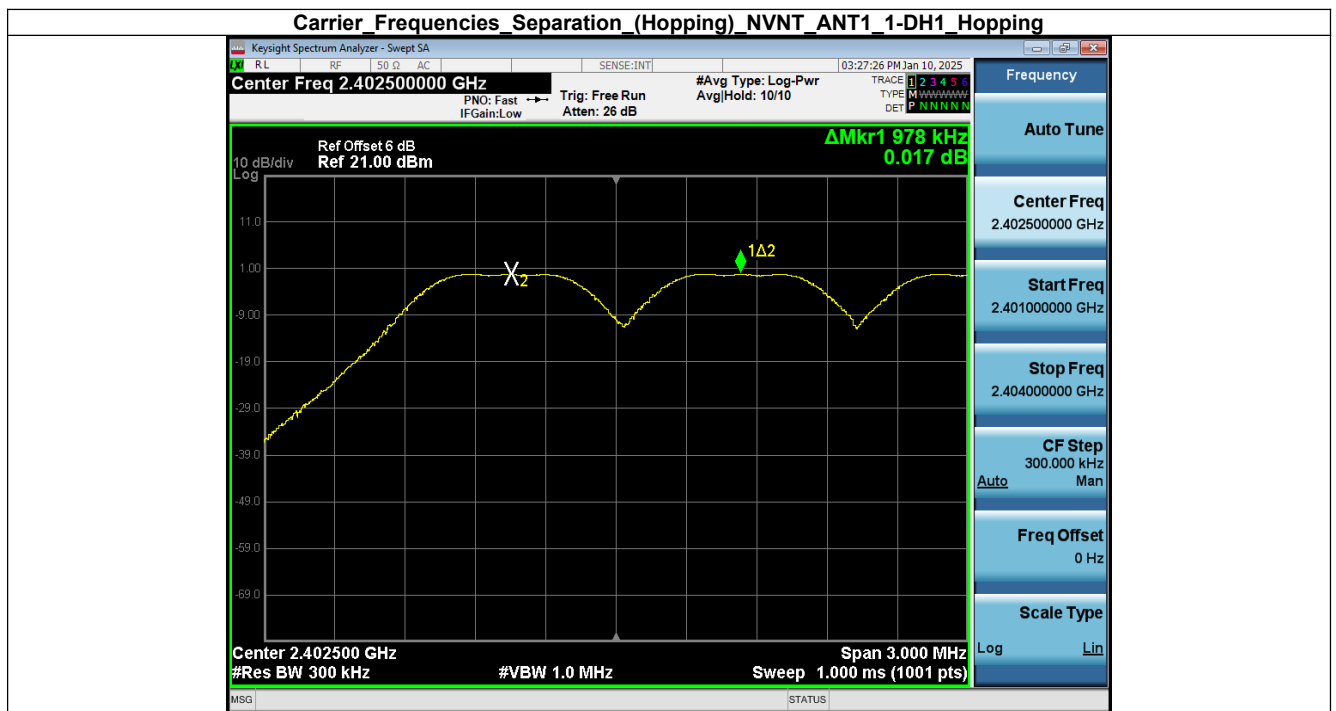


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

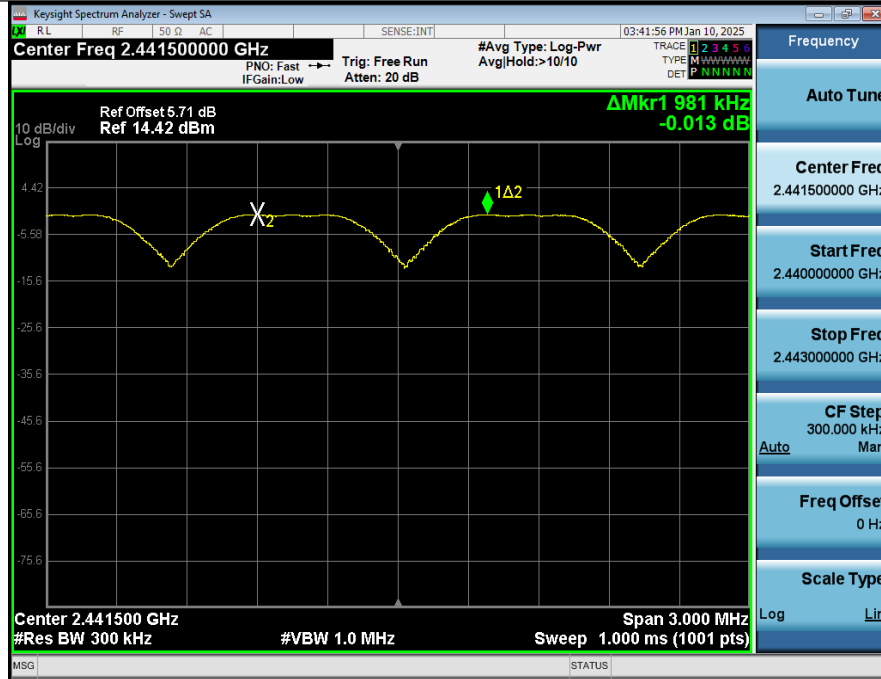


7. Carrier Frequencies Separation (Hopping)

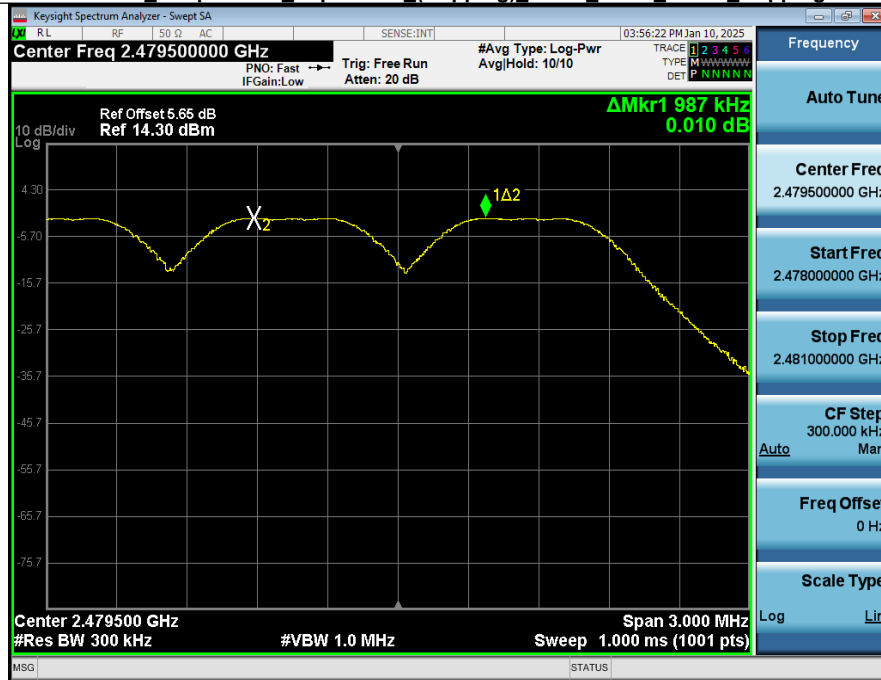
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2402.053	2403.031	0.98	0.878	Pass
NVNT	ANT1	1-DH1	2441.00	2440.900	2441.881	0.98	0.974	Pass
NVNT	ANT1	1-DH1	2480.00	2478.885	2479.872	0.99	0.924	Pass
NVNT	ANT1	2-DH1	2402.00	2401.864	2402.881	1.02	0.844	Pass
NVNT	ANT1	2-DH1	2441.00	2440.879	2441.881	1.00	0.847	Pass
NVNT	ANT1	2-DH1	2480.00	2478.876	2479.875	1.00	0.849	Pass
NVNT	ANT1	3-DH1	2402.00	2402.170	2403.193	1.02	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.885	2441.872	0.99	0.816	Pass
NVNT	ANT1	3-DH1	2480.00	2479.197	2480.202	1.00	0.835	Pass



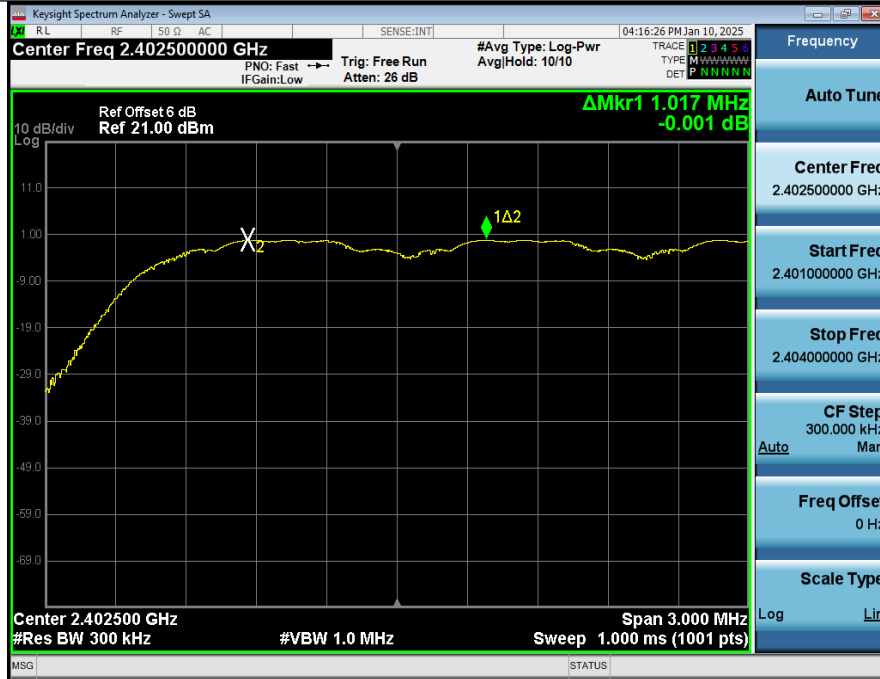
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

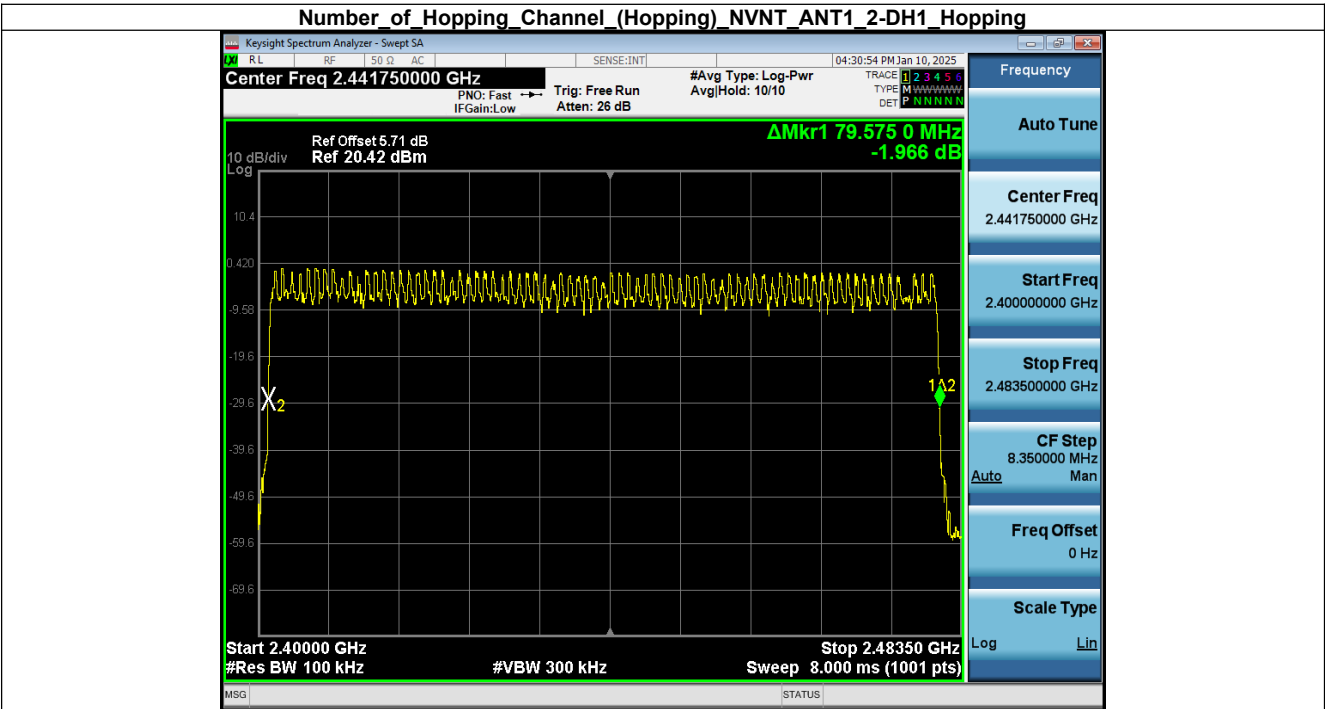
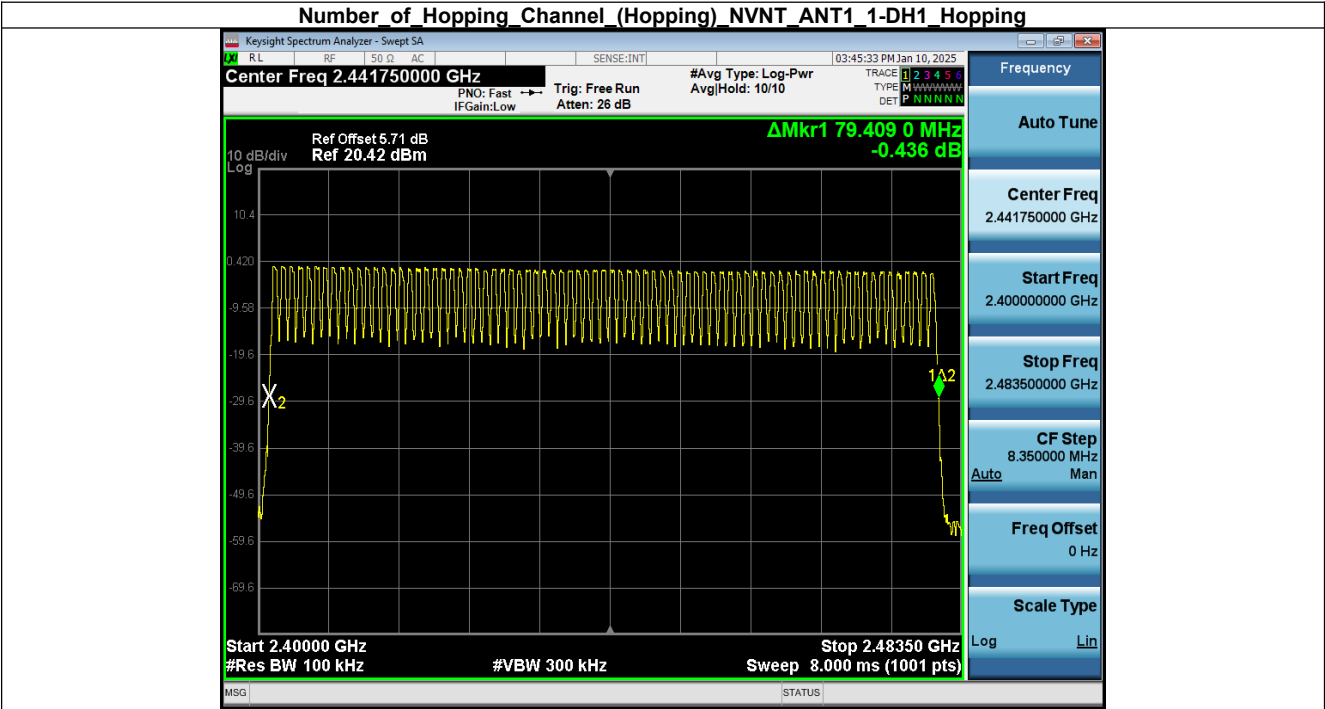


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



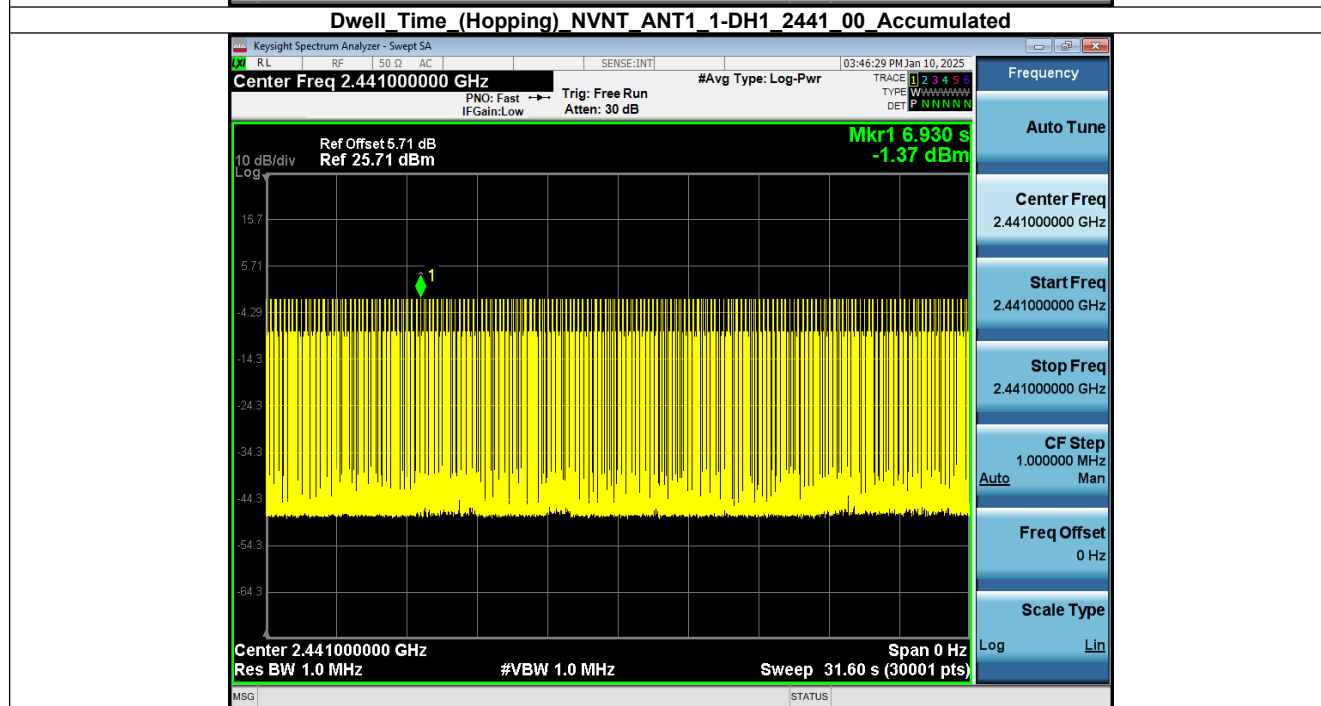
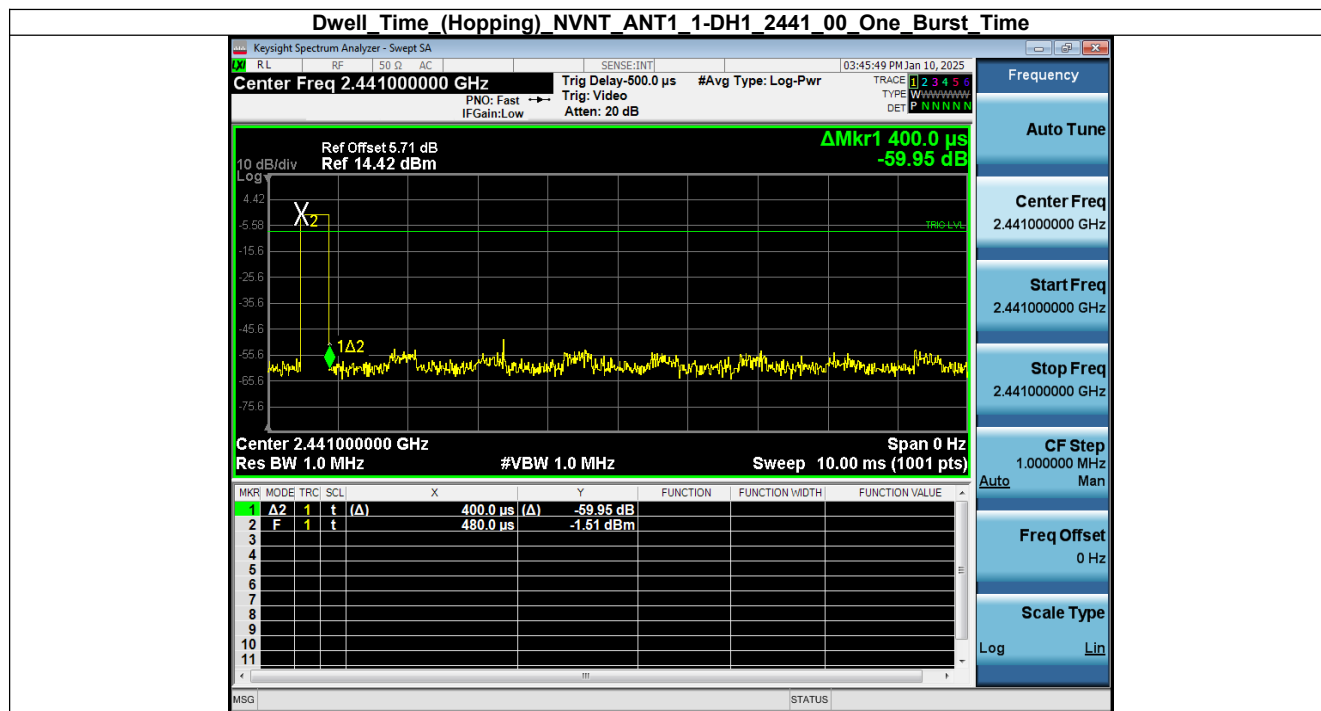
8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass
NVNT	ANT1	3-DH1	79	15	Pass

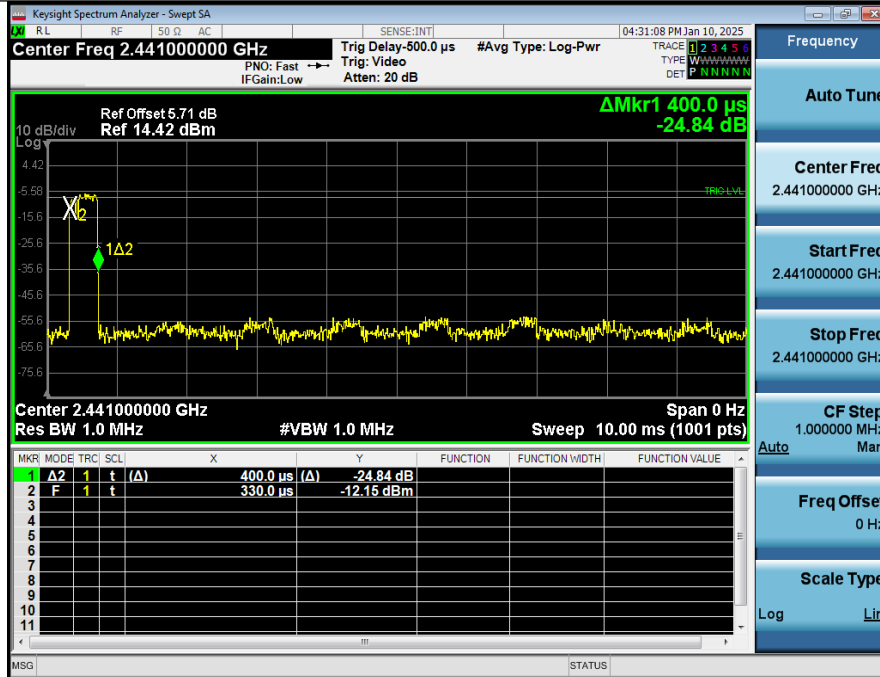


9. Dwell Time (Hopping)

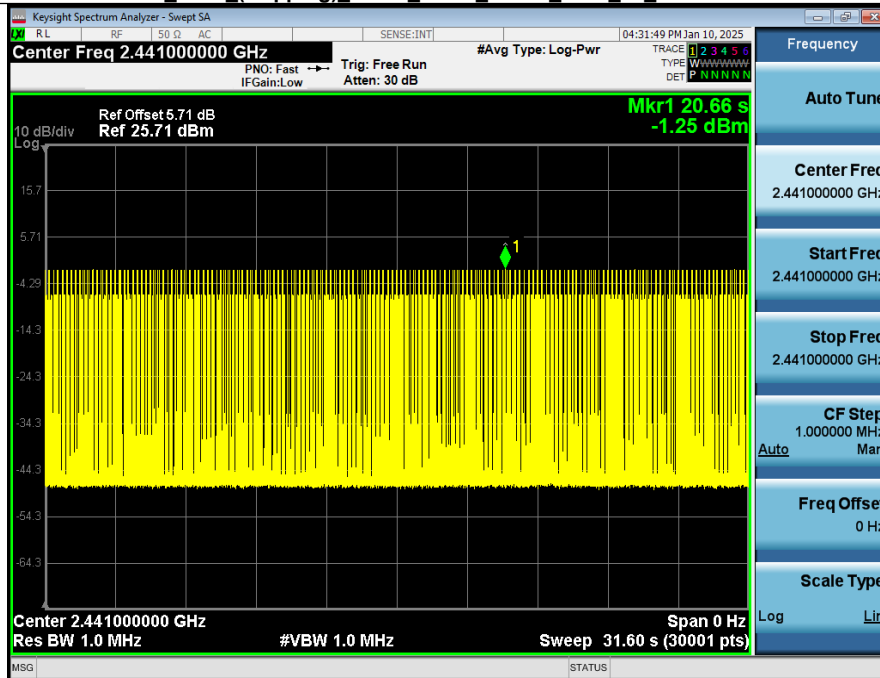
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	317.00	126.800	0.40	Pass
NVNT	ANT1	1-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	1-DH5	2.890	94.00	271.660	0.40	Pass
NVNT	ANT1	2-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	2-DH5	2.900	107.00	310.300	0.40	Pass
NVNT	ANT1	3-DH3	1.650	152.00	250.800	0.40	Pass
NVNT	ANT1	3-DH5	2.900	112.00	324.800	0.40	Pass



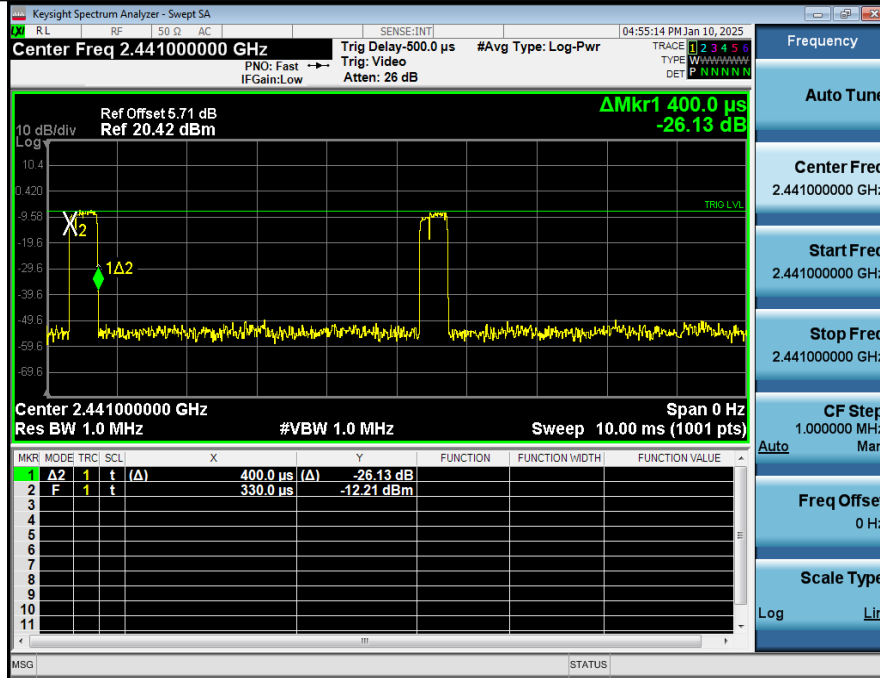
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



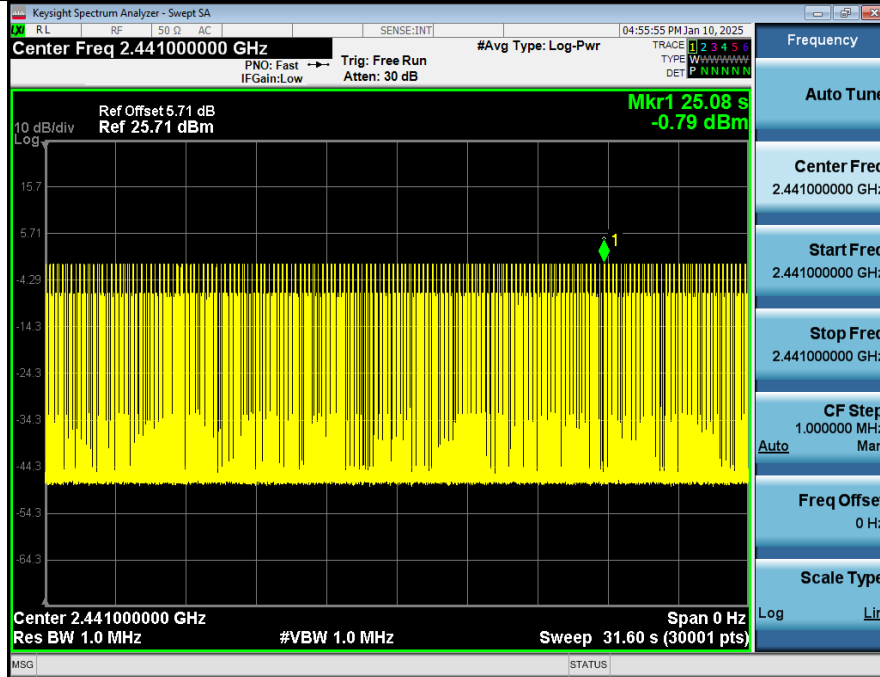
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One_Burst Time



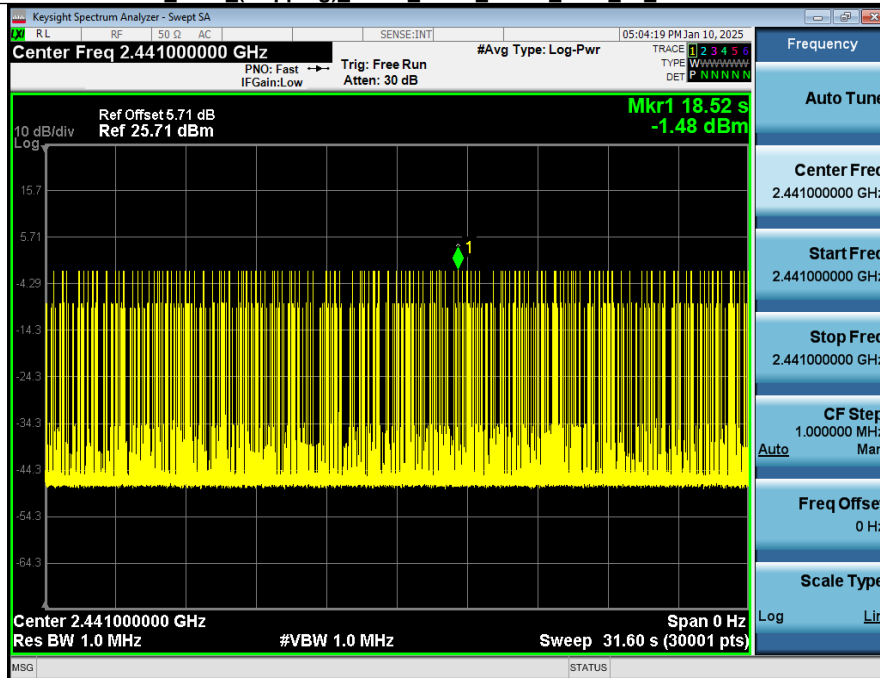
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



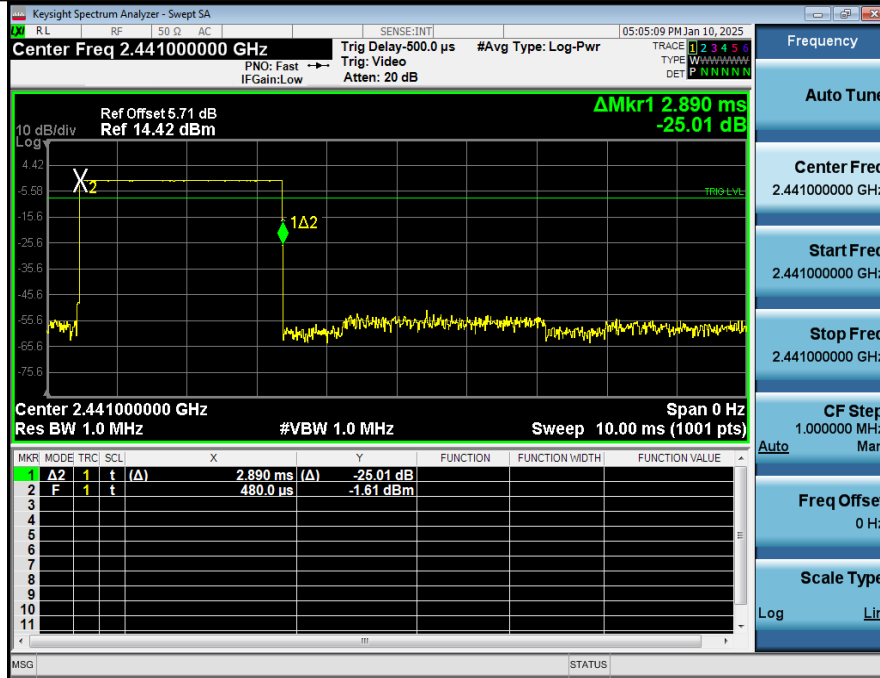
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



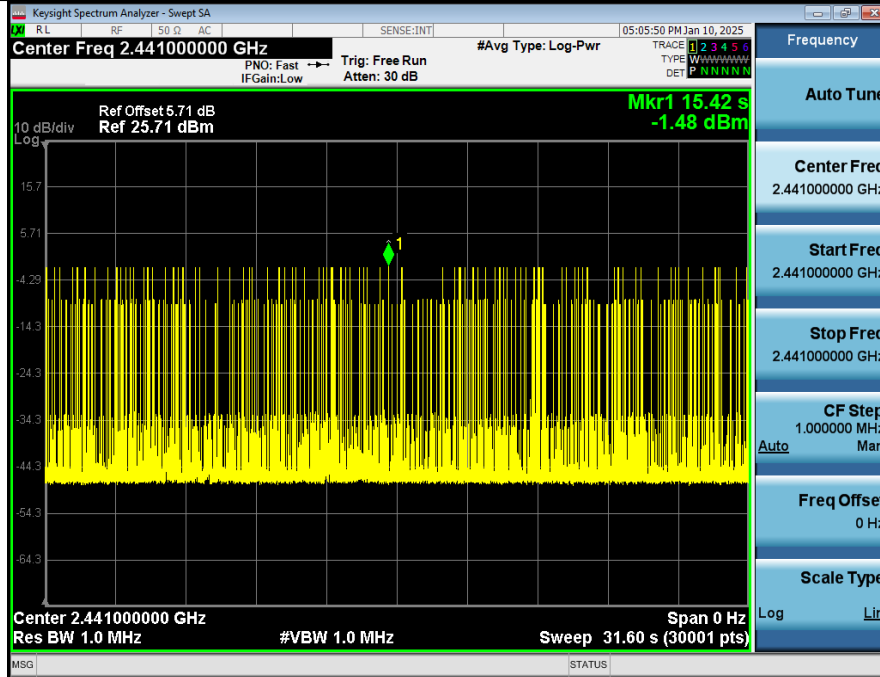
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



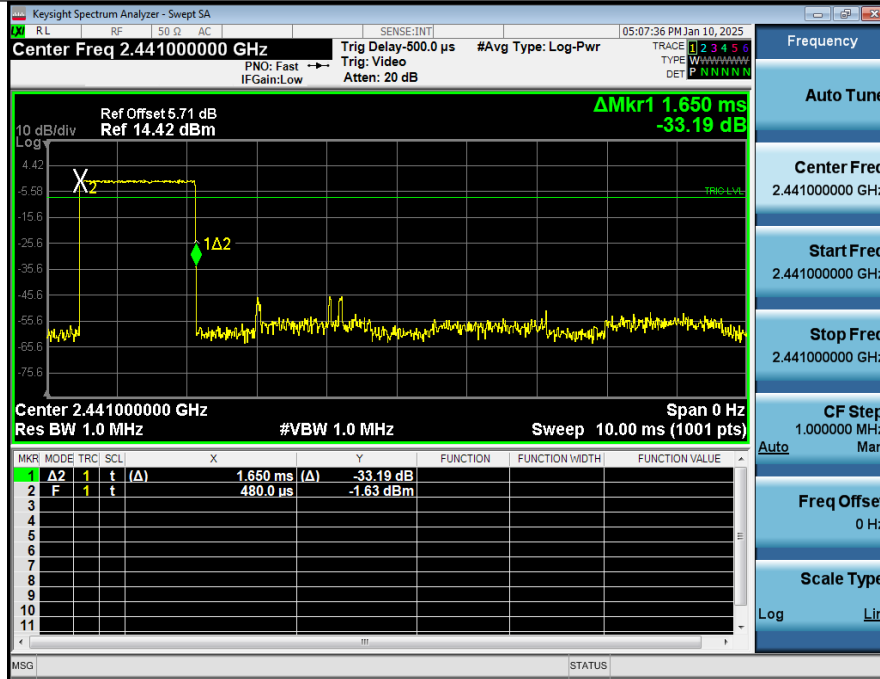
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



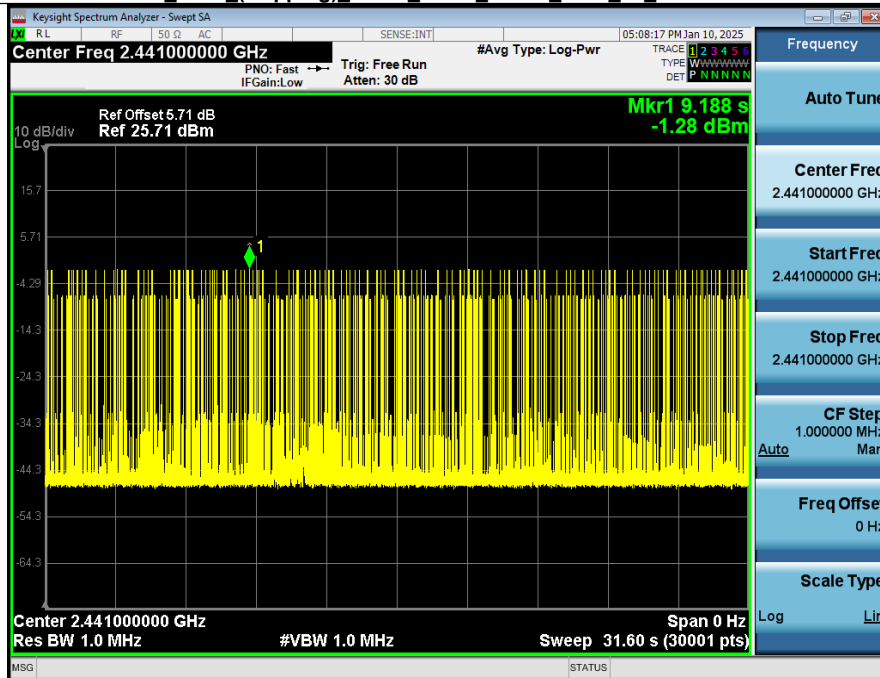
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



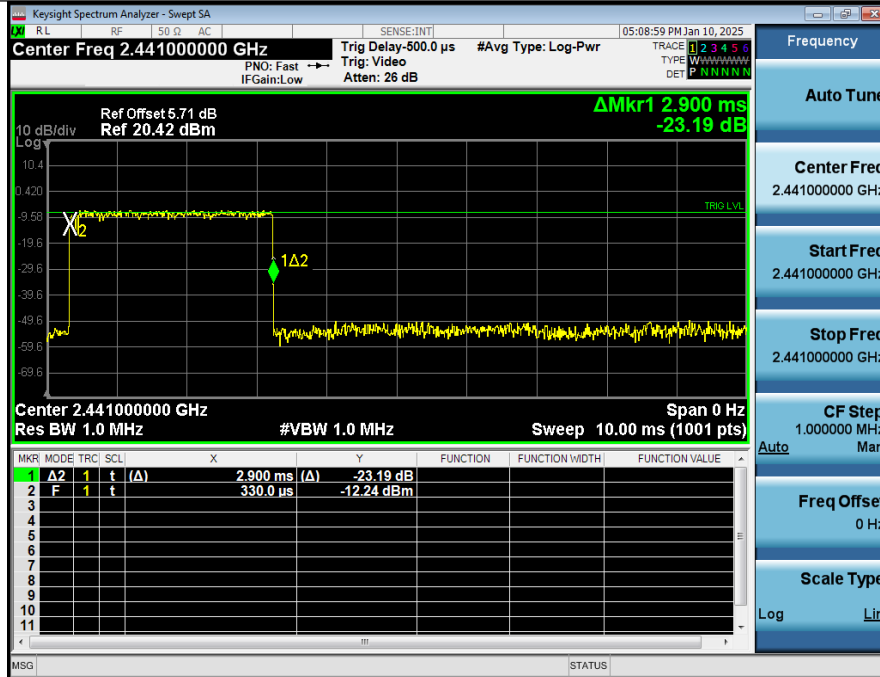
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



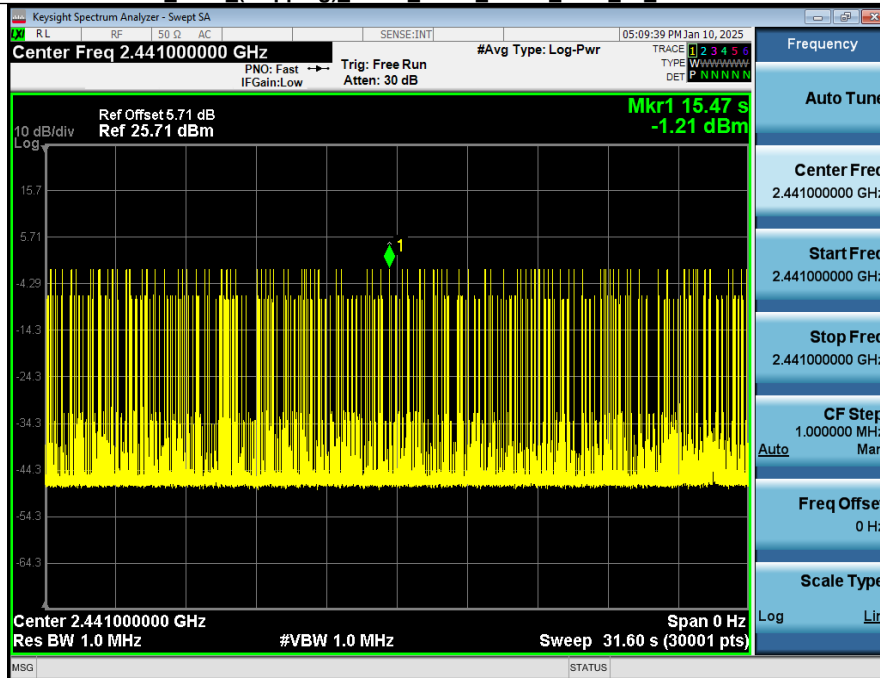
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



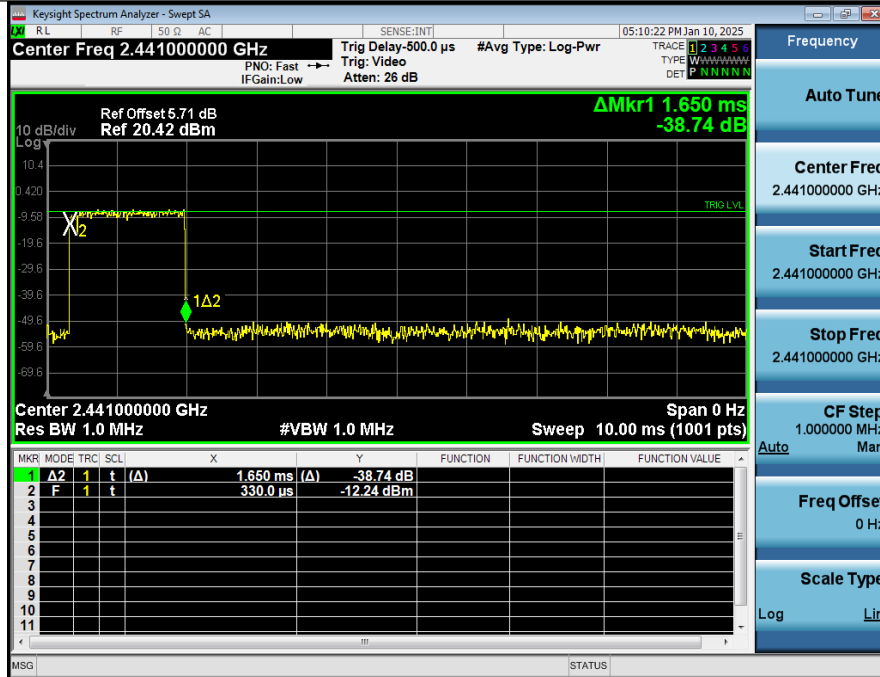
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



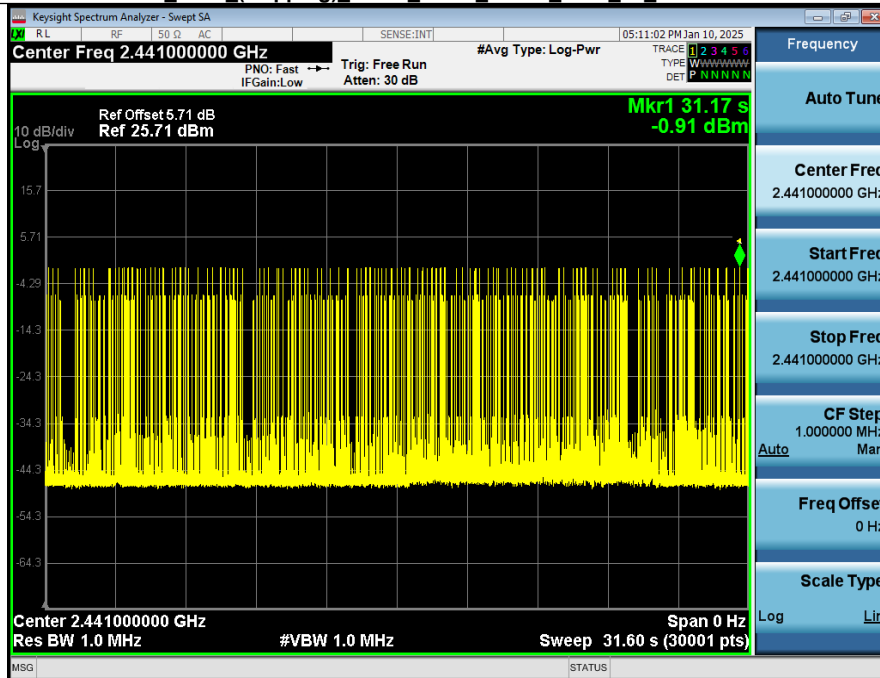
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



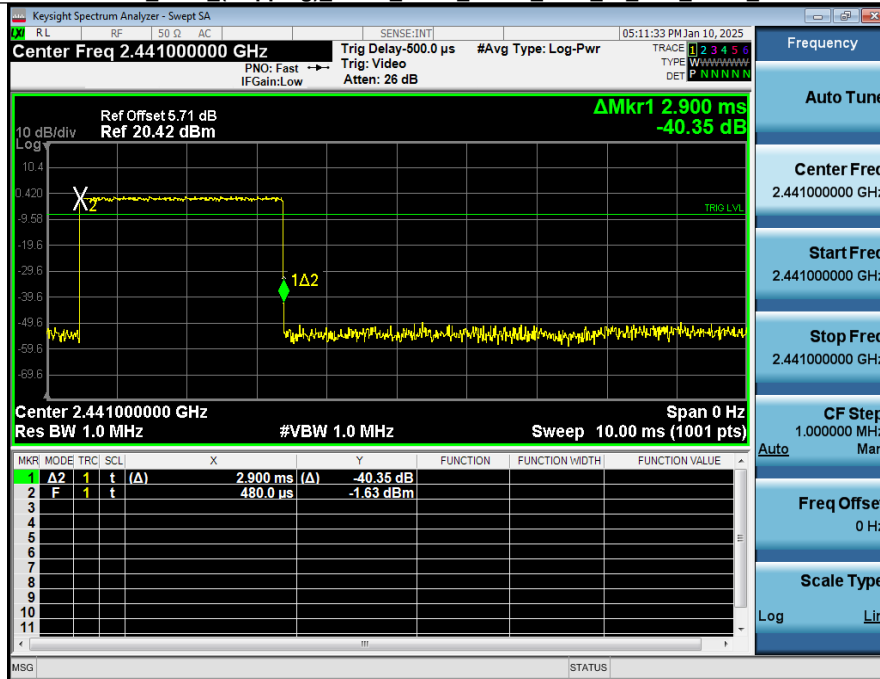
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_00_One_Burst_Time



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_00_Accumulated

