

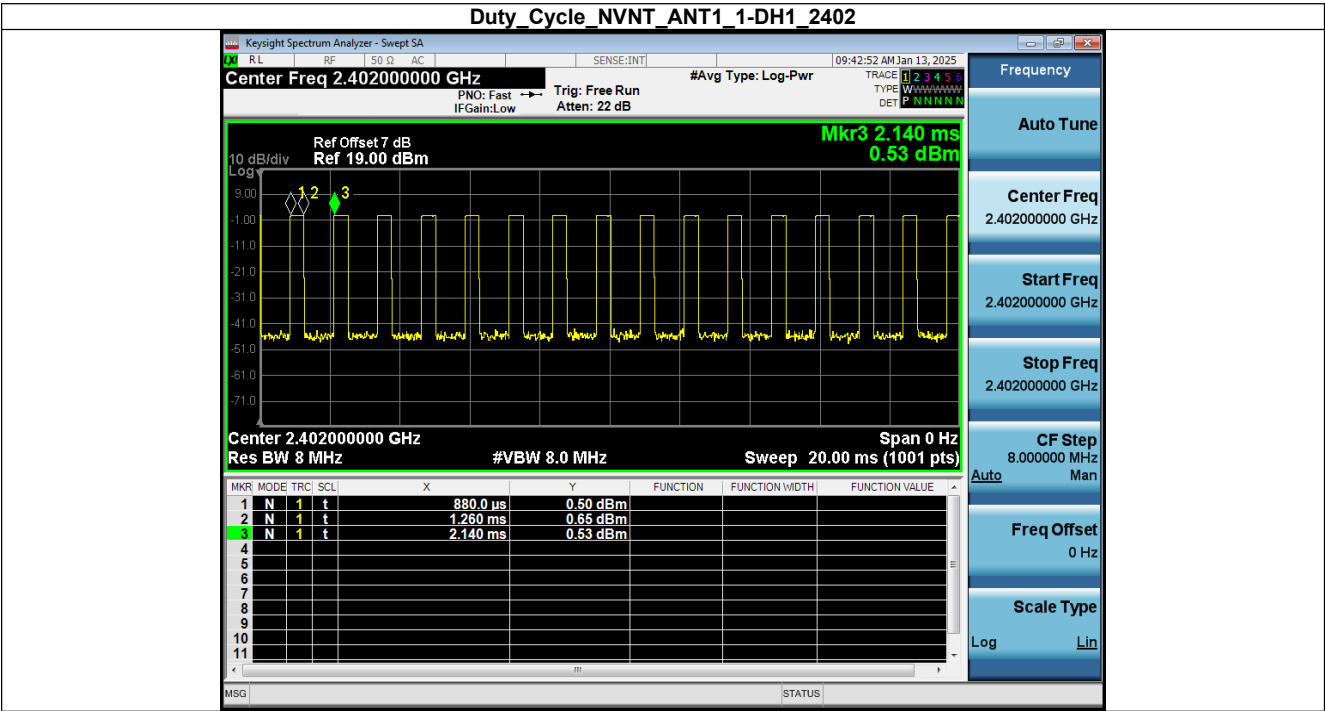
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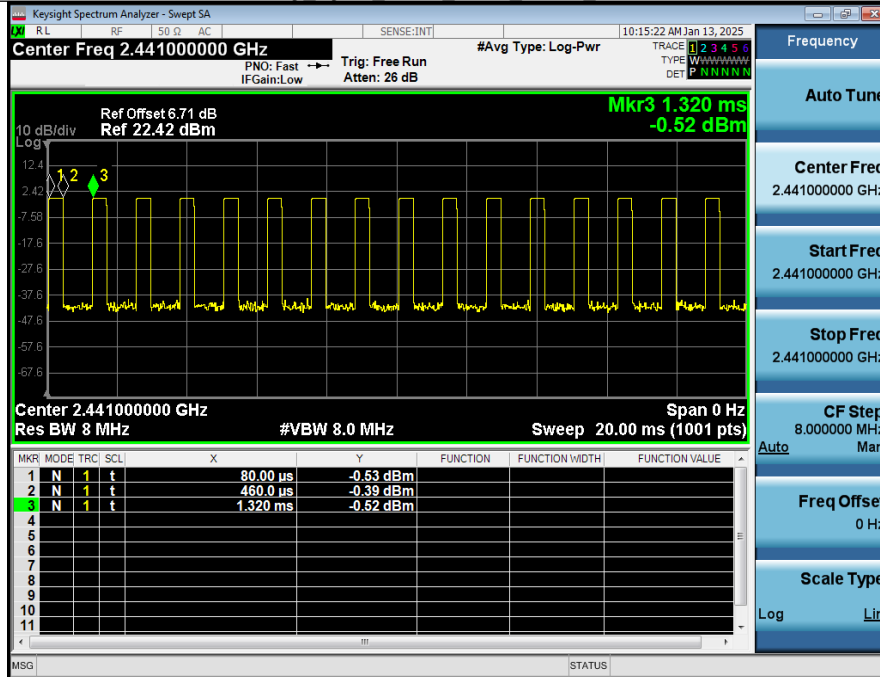
Report No.:NCT24051452E1-2
FCC ID:2BMXP-BTW055PRO
FCC_BT (Part15.247) Test Data

1. Duty Cycle

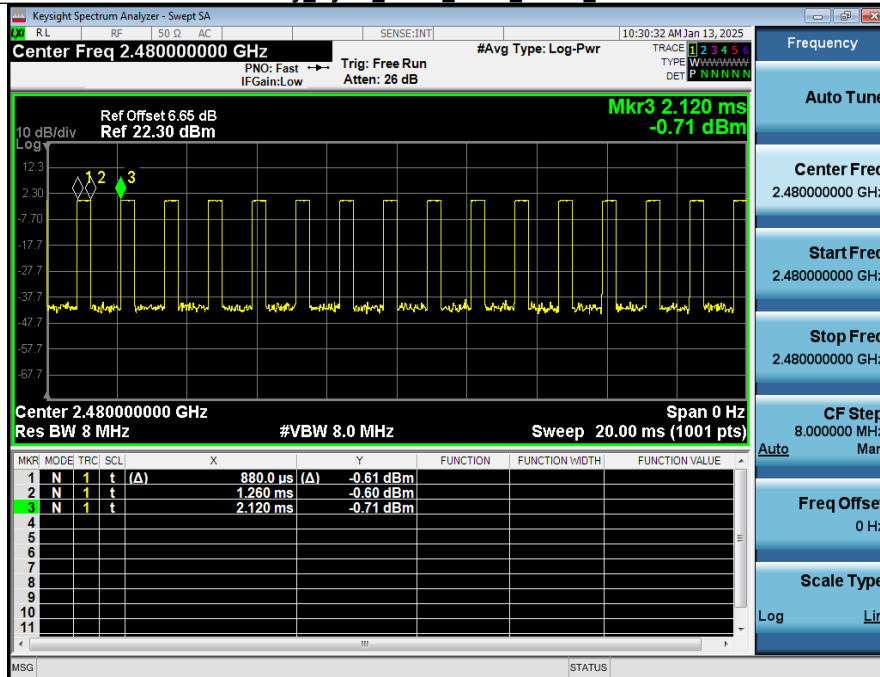
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	33.33	4.77
NVNT	ANT1	2-DH1	2441.00	33.87	4.70
NVNT	ANT1	2-DH1	2480.00	31.75	4.98
NVNT	ANT1	3-DH1	2402.00	32.26	4.91
NVNT	ANT1	3-DH1	2441.00	32.26	4.91
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



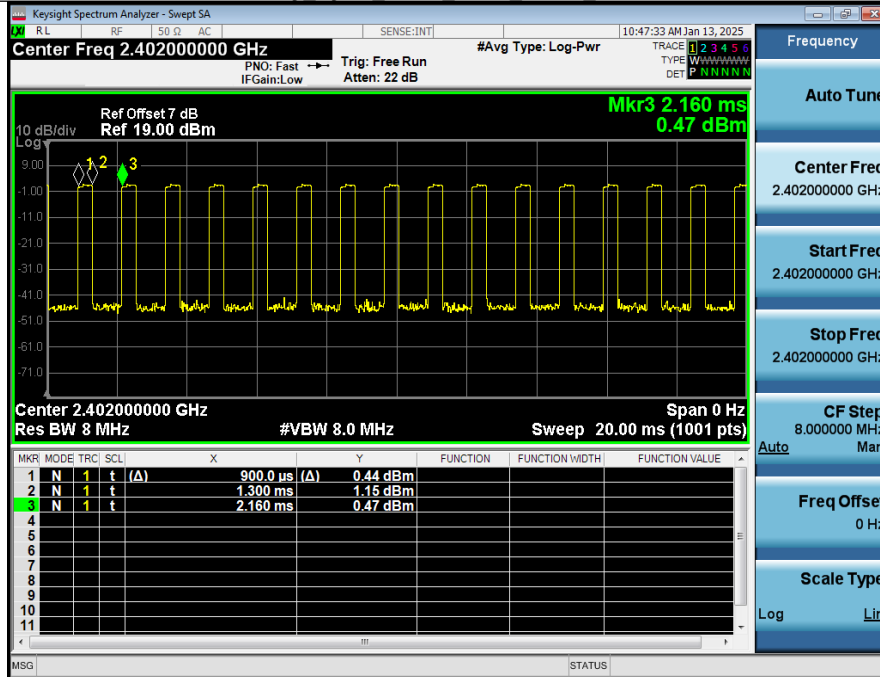
Duty Cycle_NVNT_ANT1_1-DH1_2441



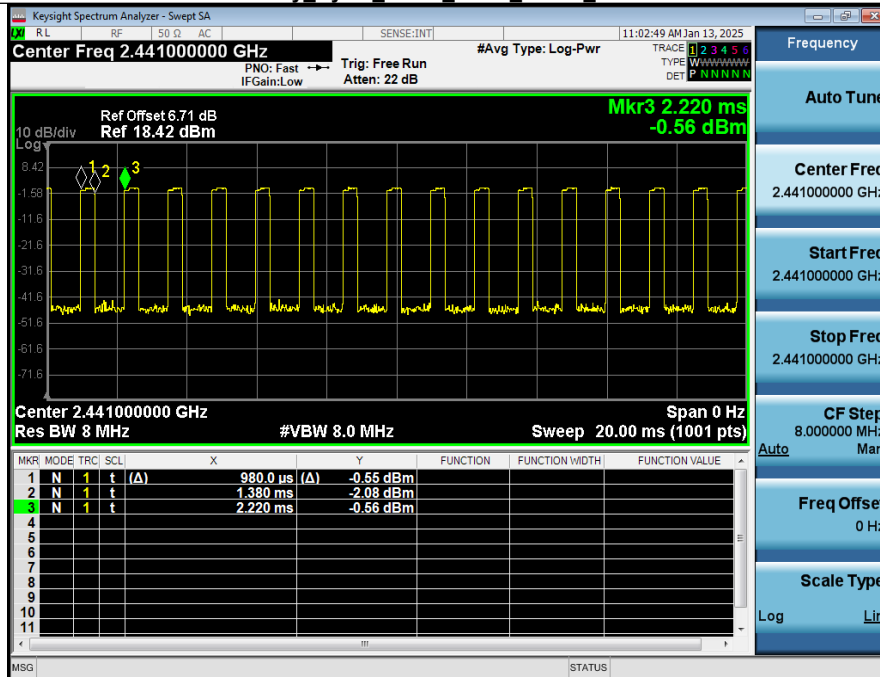
Duty Cycle_NVNT_ANT1_1-DH1_2480



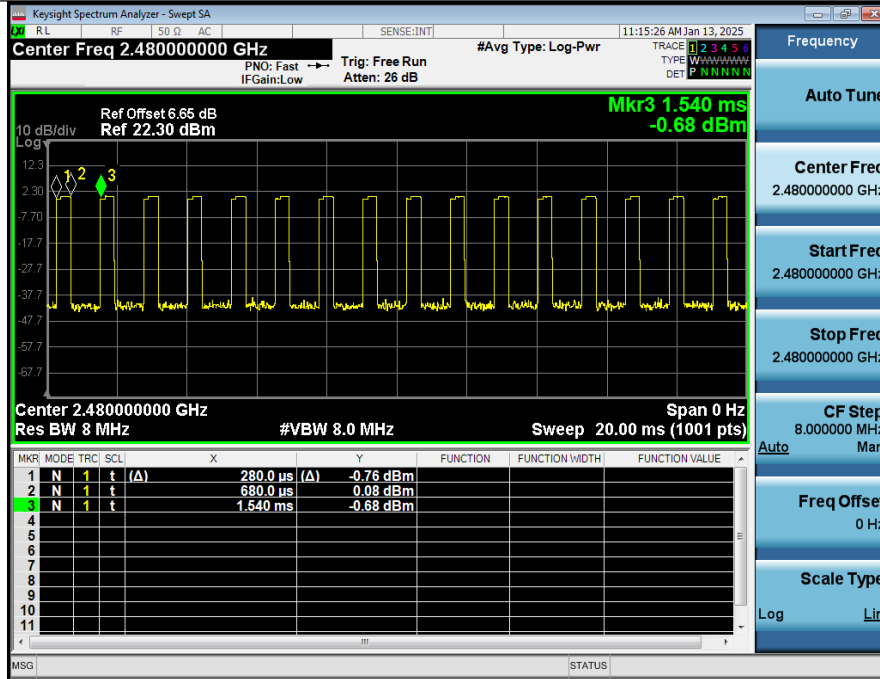
Duty Cycle_NVNT_ANT1_2-DH1_2402



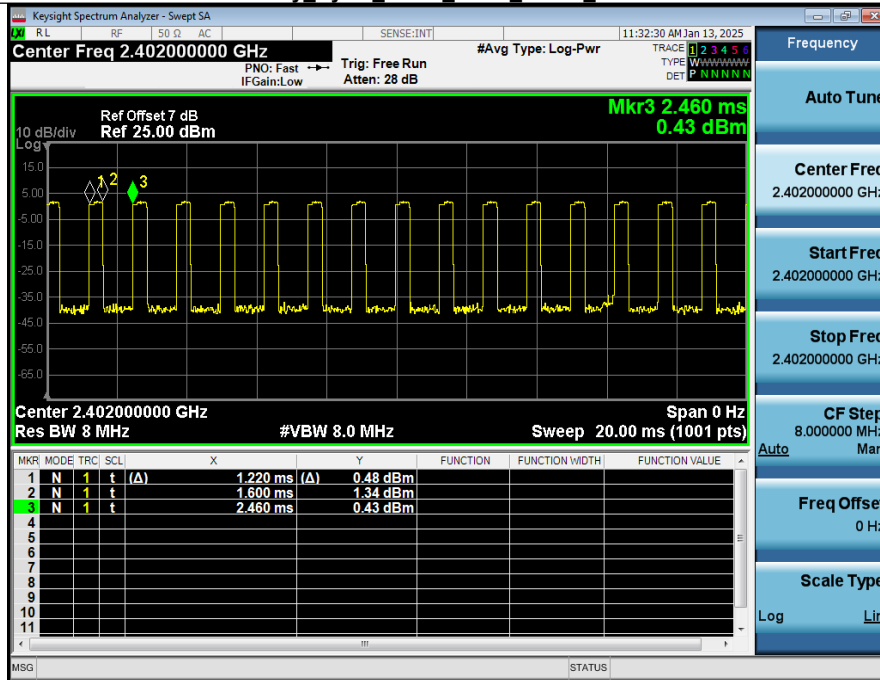
Duty Cycle_NVNT_ANT1_2-DH1_2441



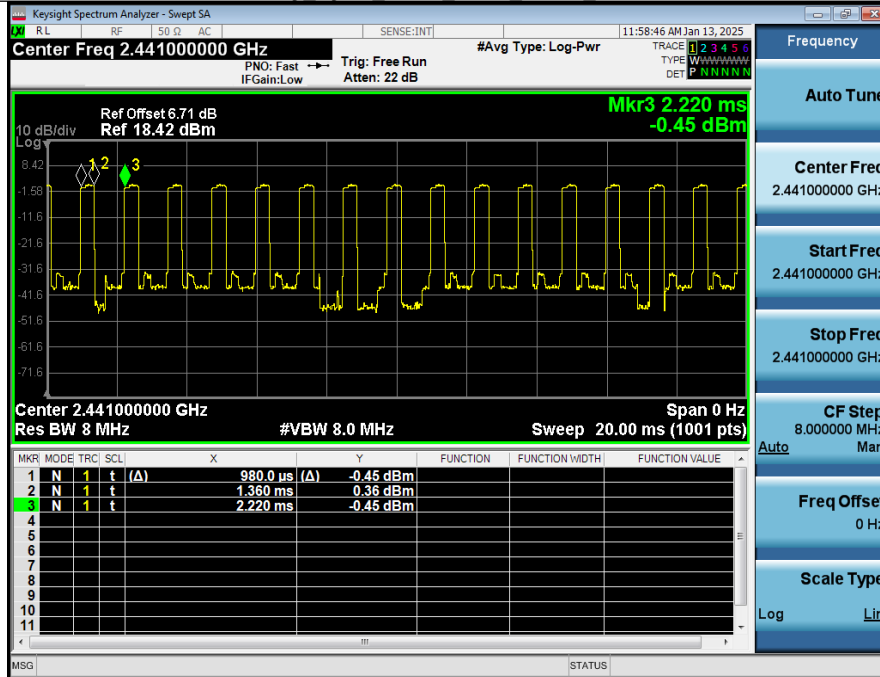
Duty Cycle NVNT_ANT1_2-DH1_2480



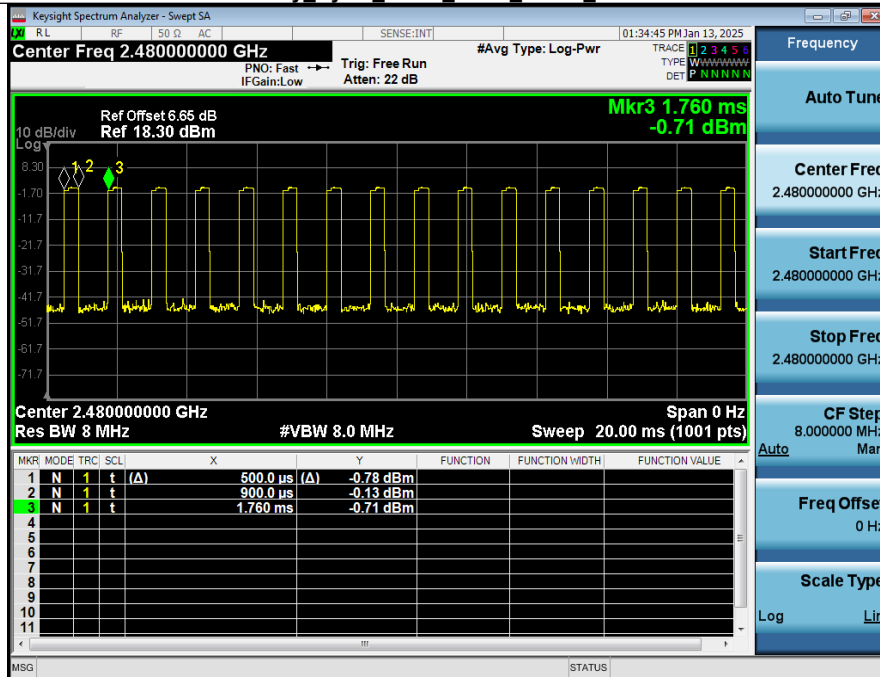
Duty Cycle NVNT_ANT1_3-DH1_2402



Duty Cycle_NVNT_ANT1_3-DH1_2441

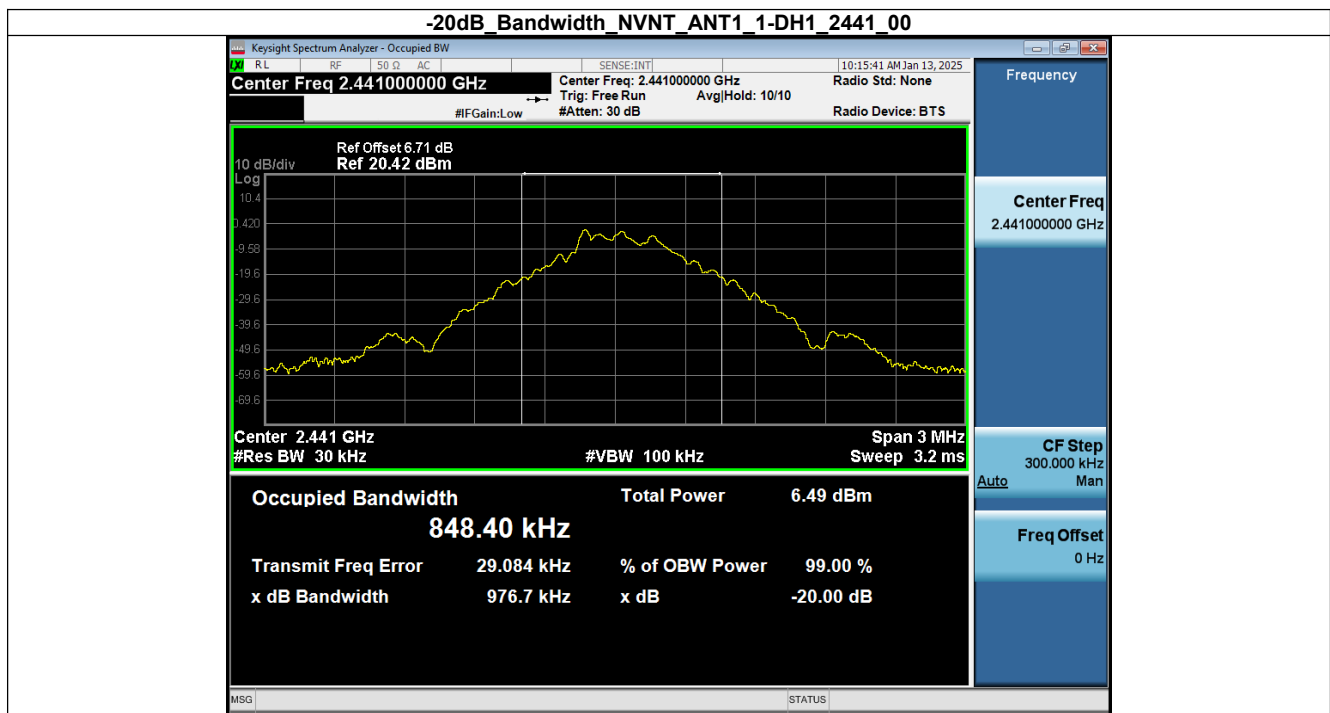
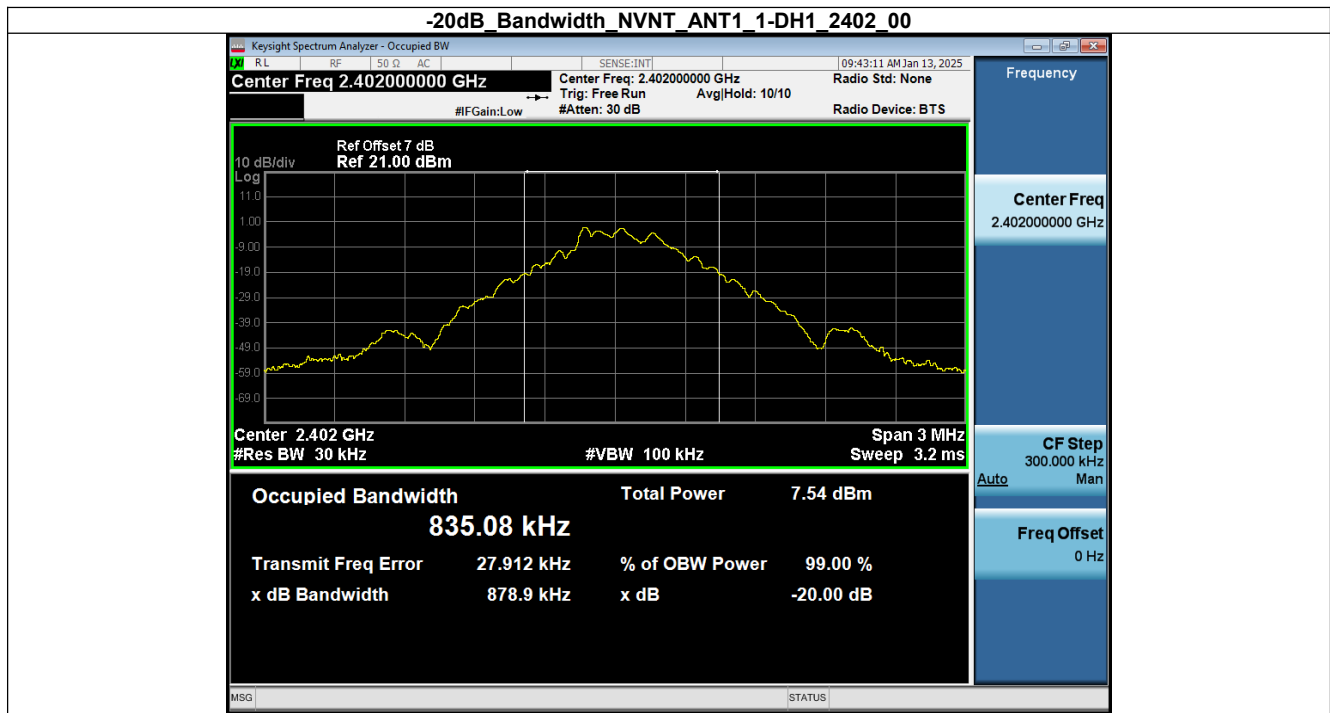


Duty Cycle_NVNT_ANT1_3-DH1_2480

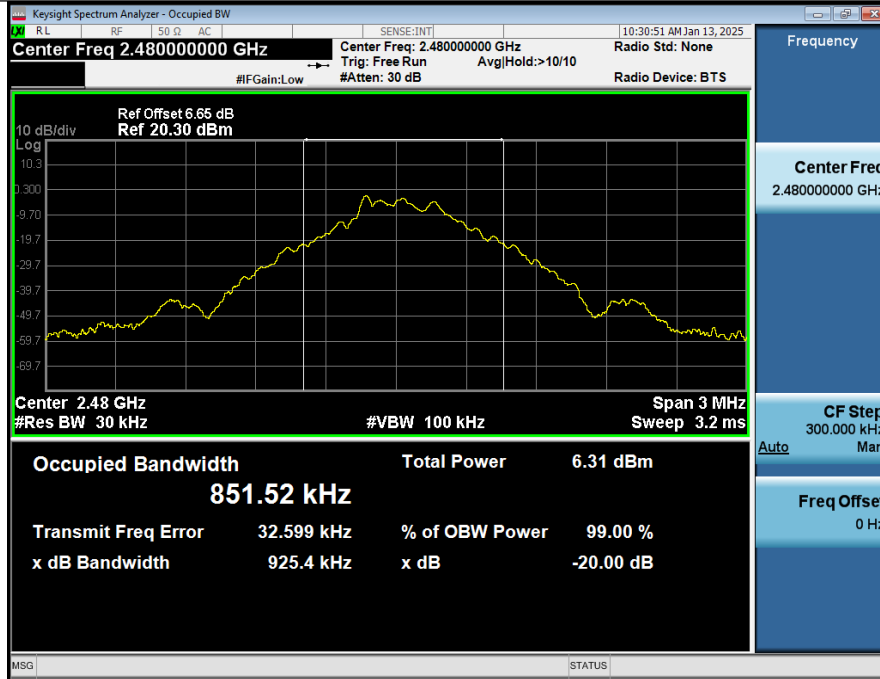


2. -20dB Bandwidth

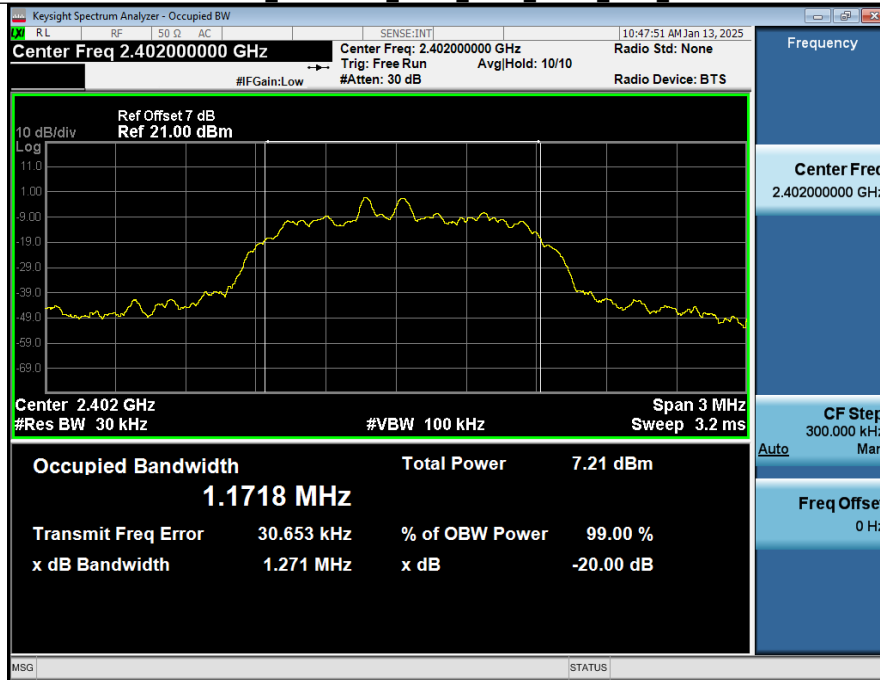
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.879	No
NVNT	ANT1	1-DH1	2441.00	0.977	No
NVNT	ANT1	1-DH1	2480.00	0.925	No
NVNT	ANT1	2-DH1	2402.00	1.271	Yes
NVNT	ANT1	2-DH1	2441.00	1.277	Yes
NVNT	ANT1	2-DH1	2480.00	1.272	Yes
NVNT	ANT1	3-DH1	2402.00	1.225	Yes
NVNT	ANT1	3-DH1	2441.00	1.225	Yes
NVNT	ANT1	3-DH1	2480.00	1.247	Yes



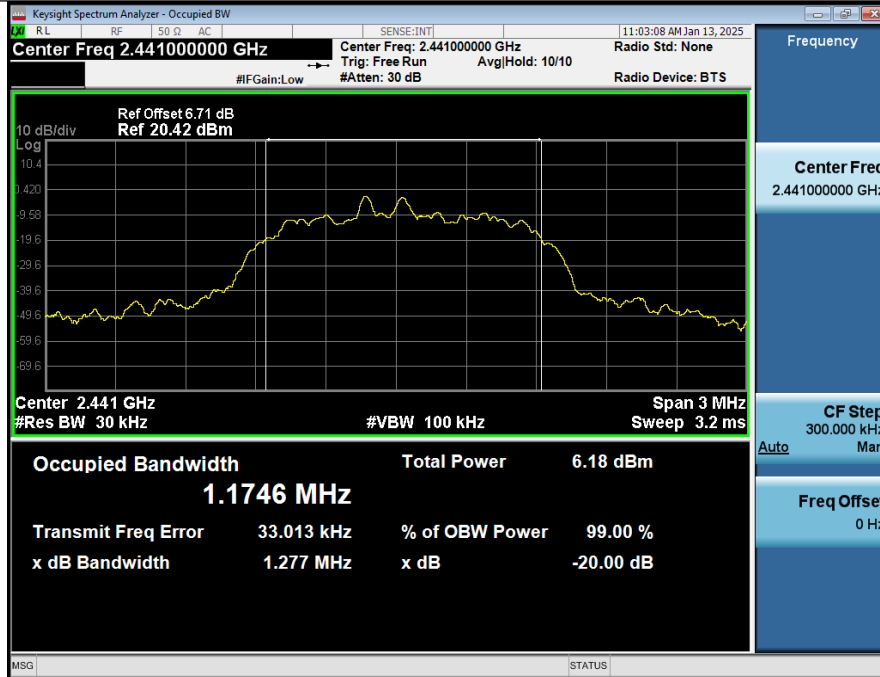
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



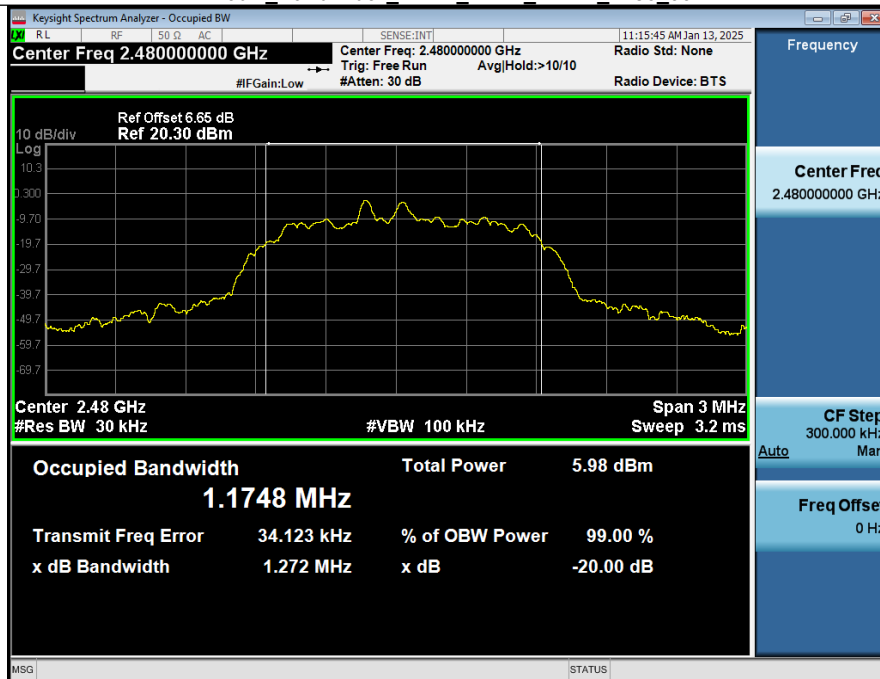
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



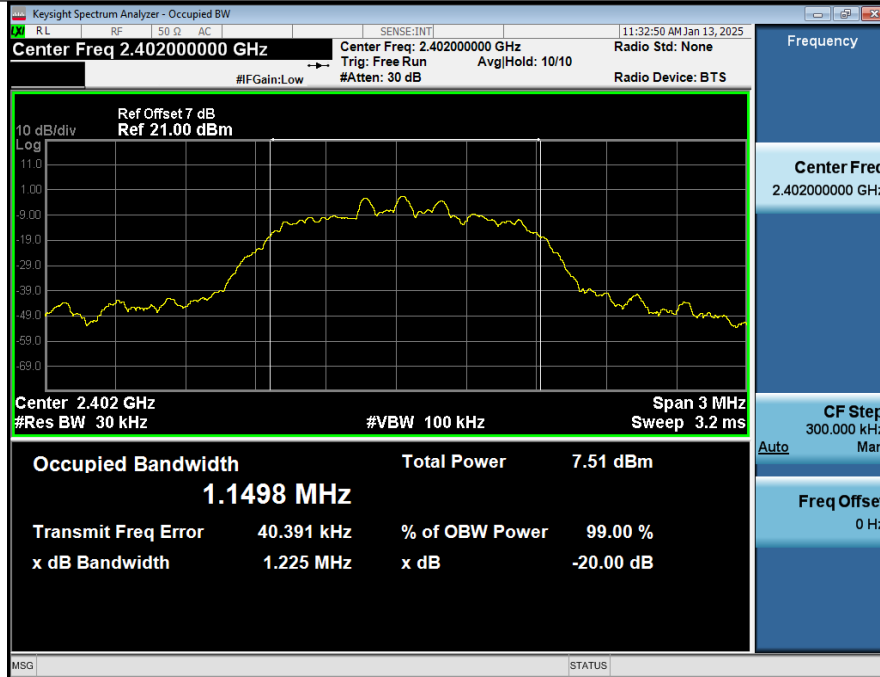
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



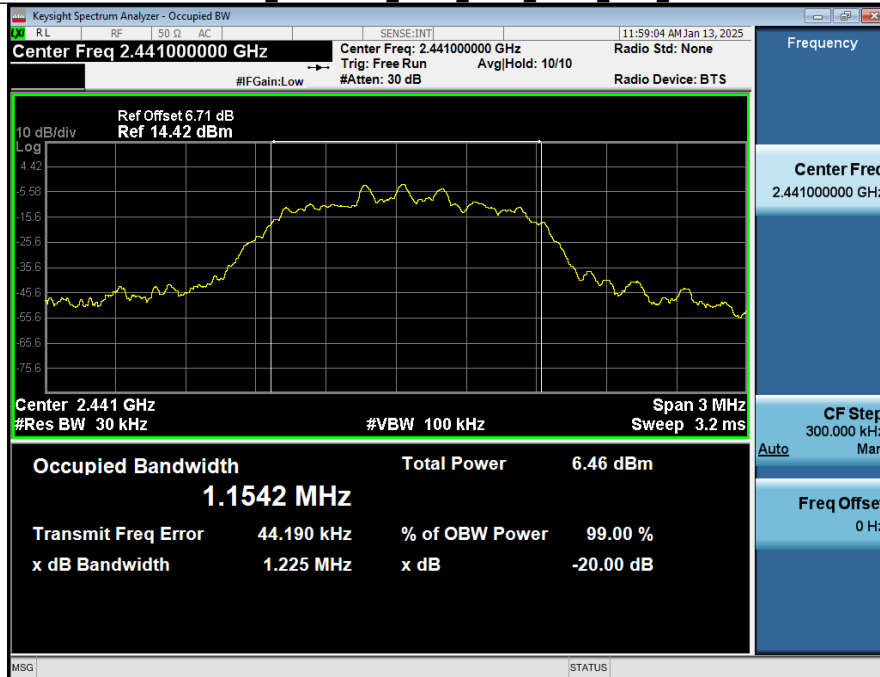
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00



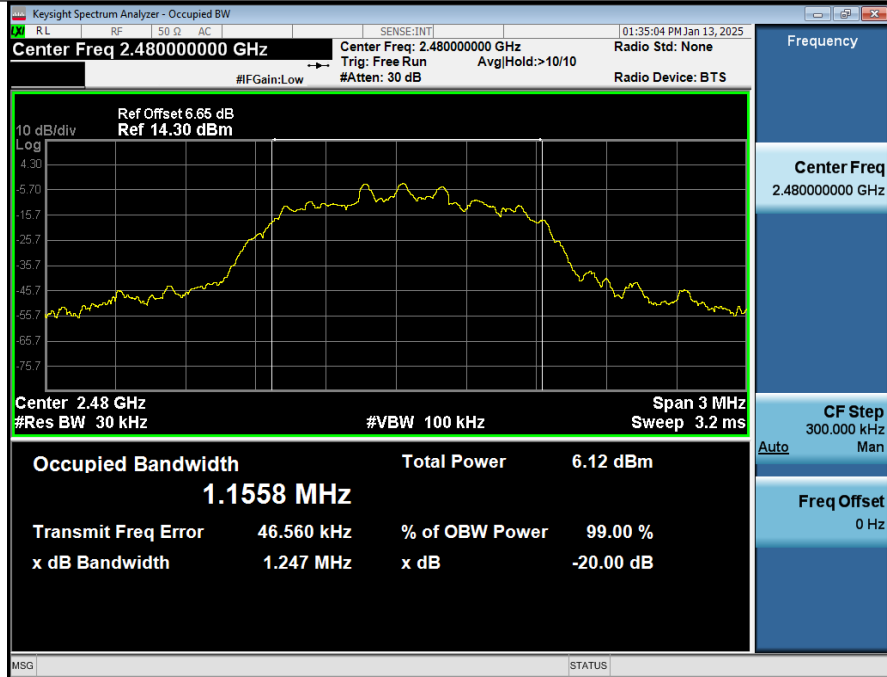
-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

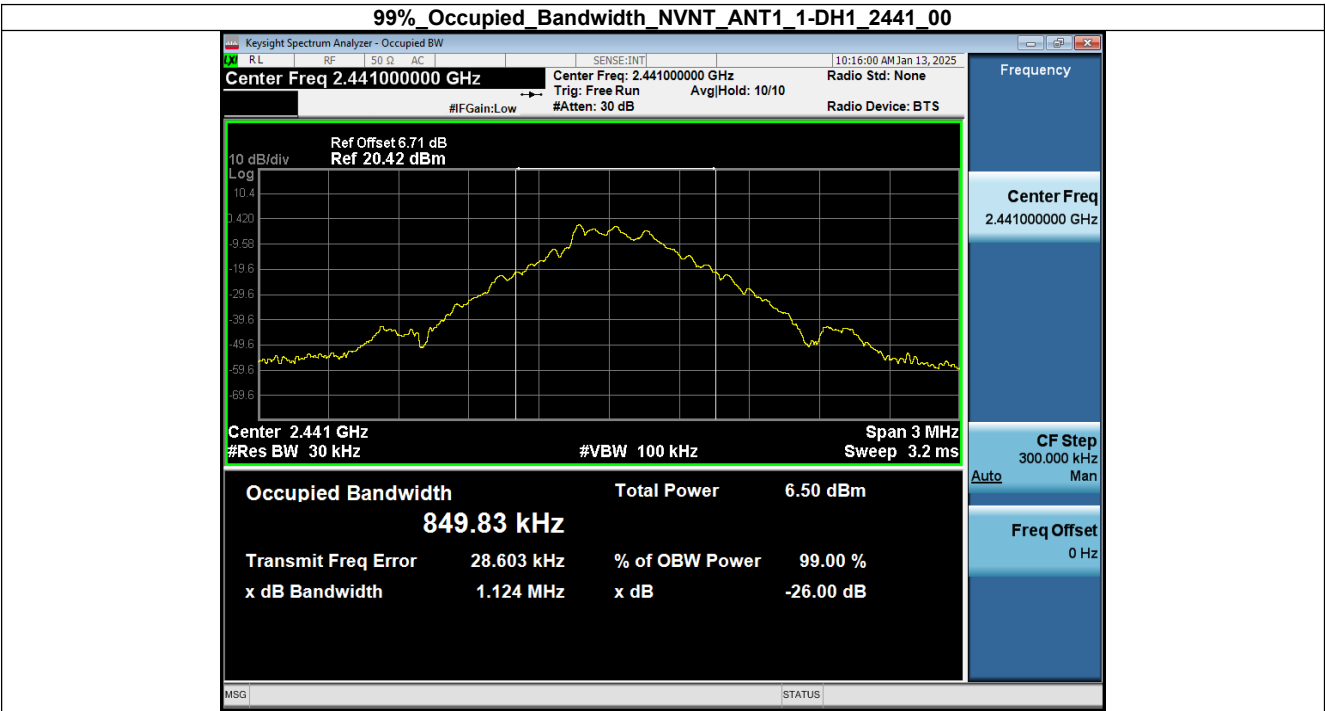
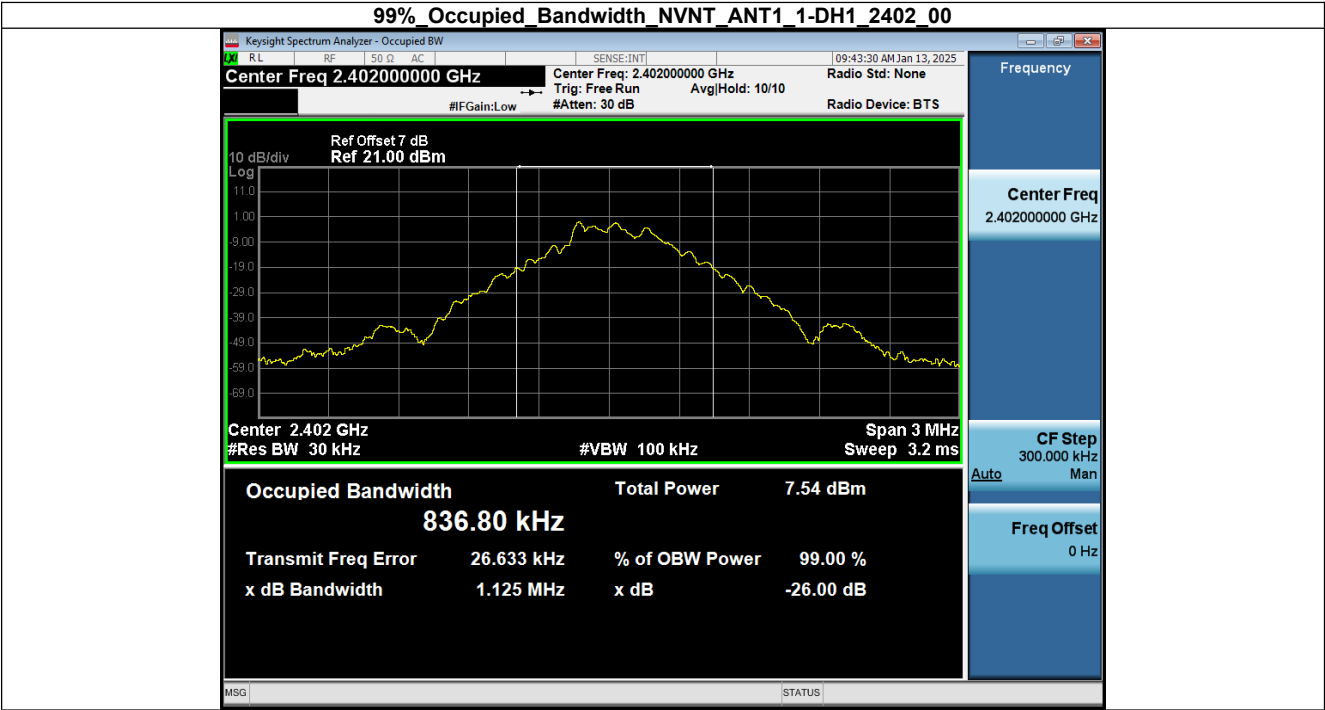


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00

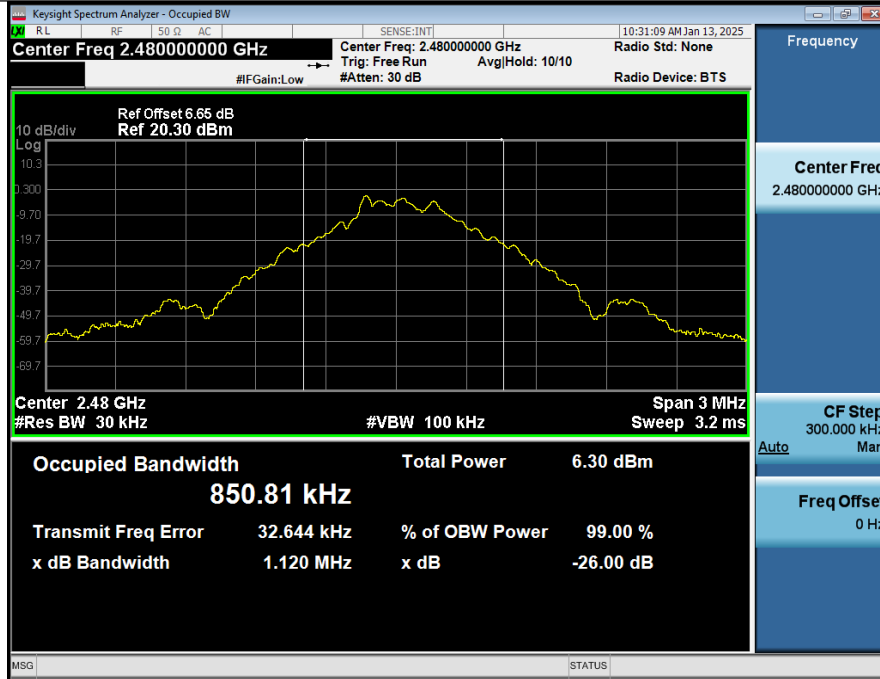


3. 99% Occupied Bandwidth

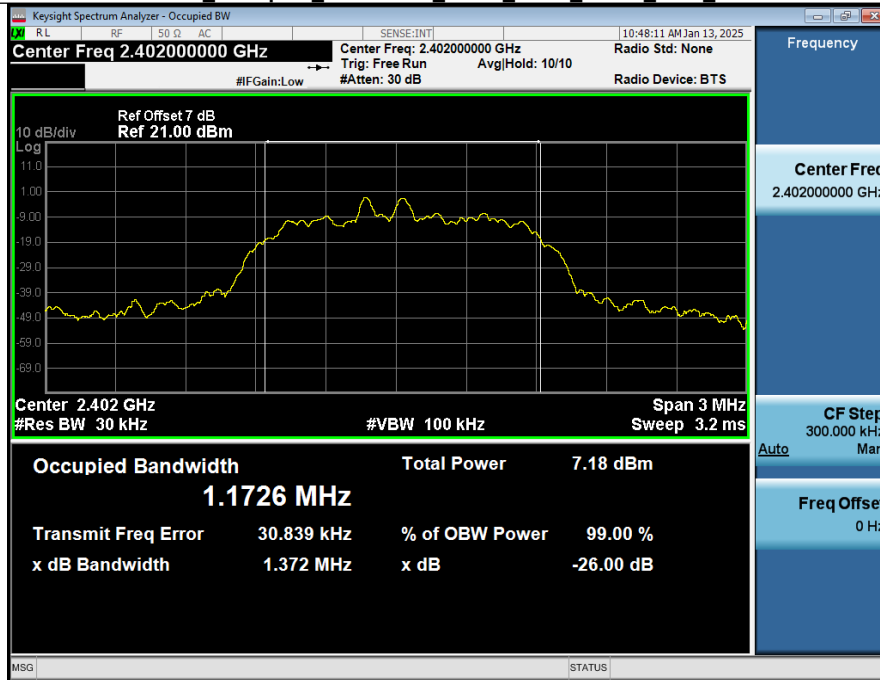
Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.837
NVNT	ANT1	1-DH1	2441.00	0.850
NVNT	ANT1	1-DH1	2480.00	0.851
NVNT	ANT1	2-DH1	2402.00	1.173
NVNT	ANT1	2-DH1	2441.00	1.174
NVNT	ANT1	2-DH1	2480.00	1.174
NVNT	ANT1	3-DH1	2402.00	1.148
NVNT	ANT1	3-DH1	2441.00	1.156
NVNT	ANT1	3-DH1	2480.00	1.155



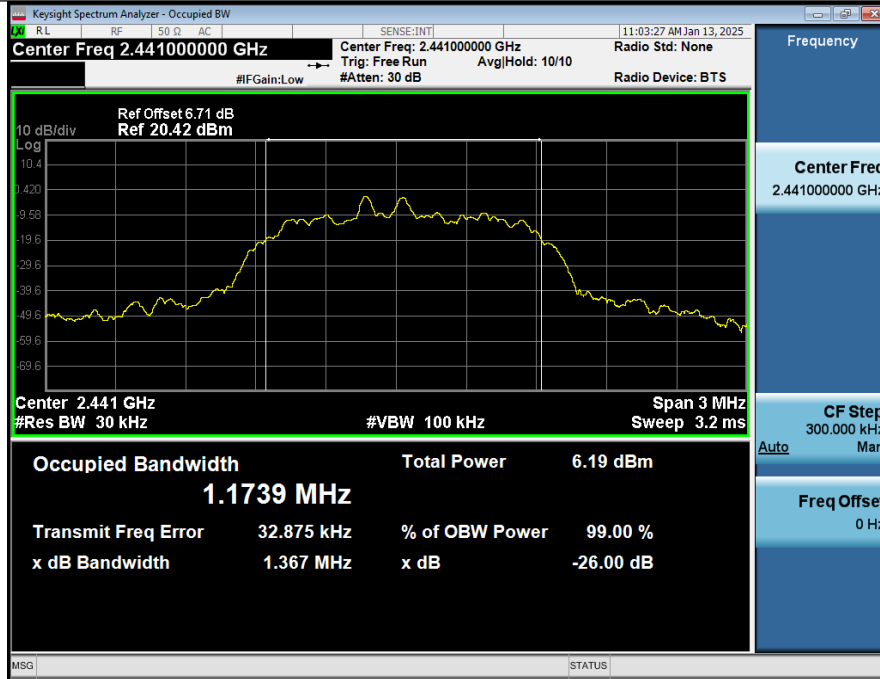
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



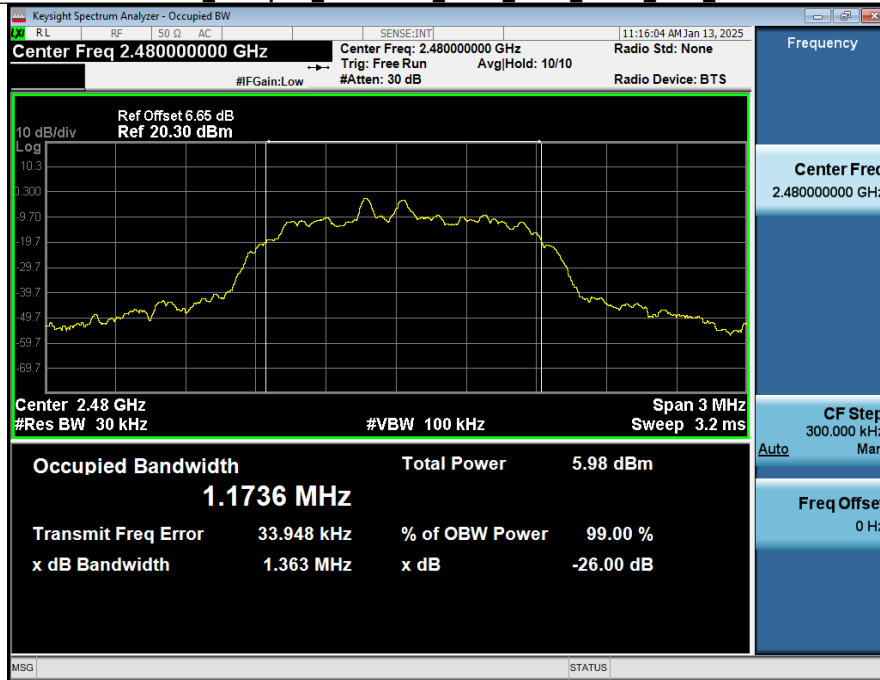
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



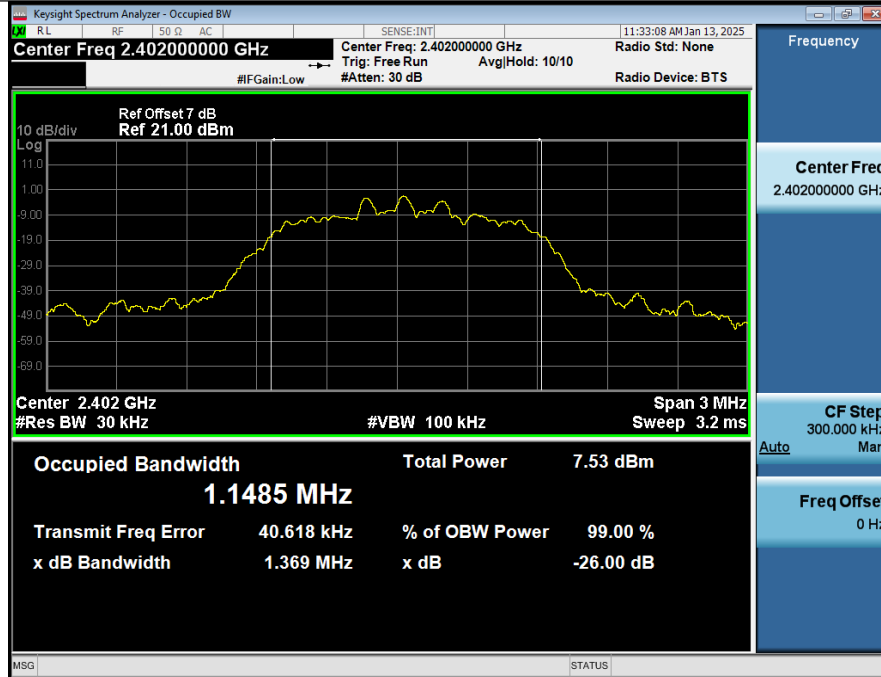
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



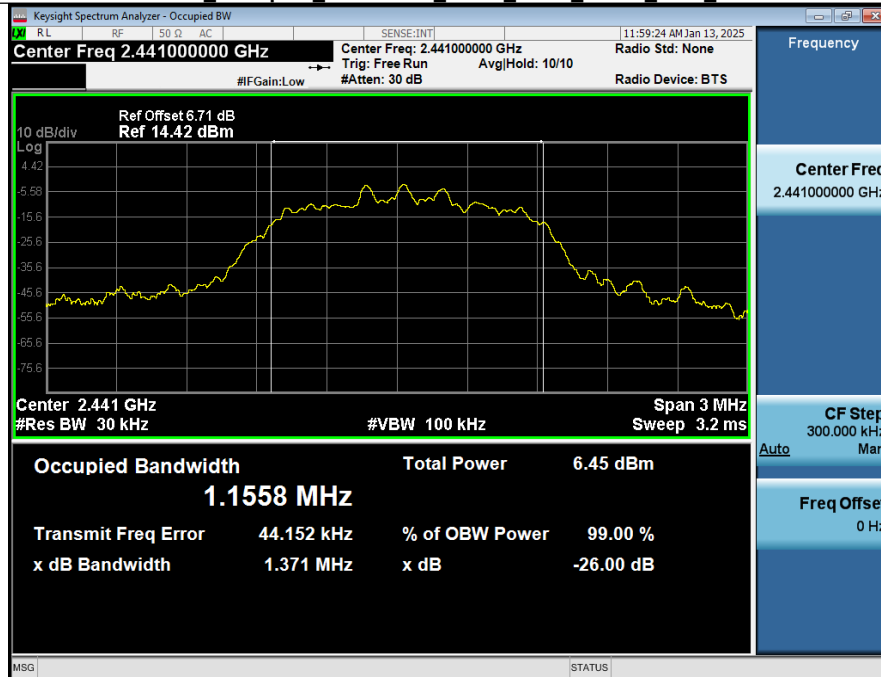
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00

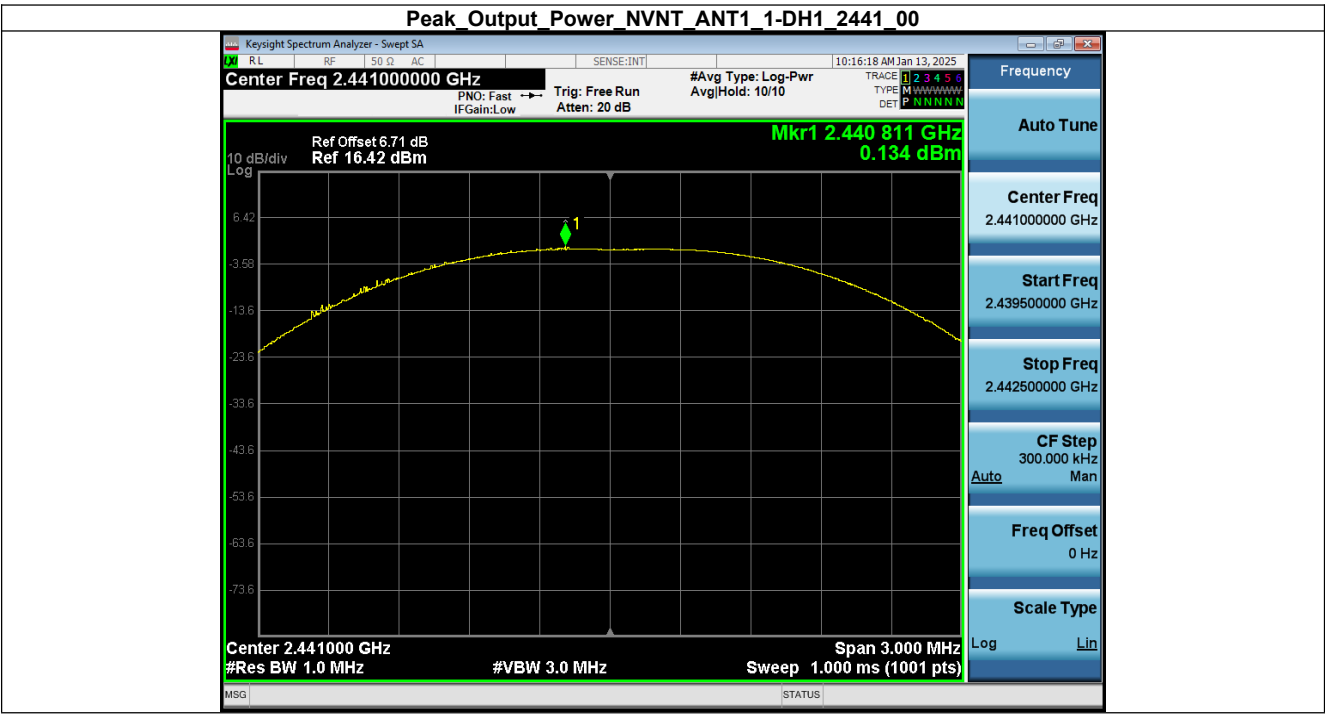
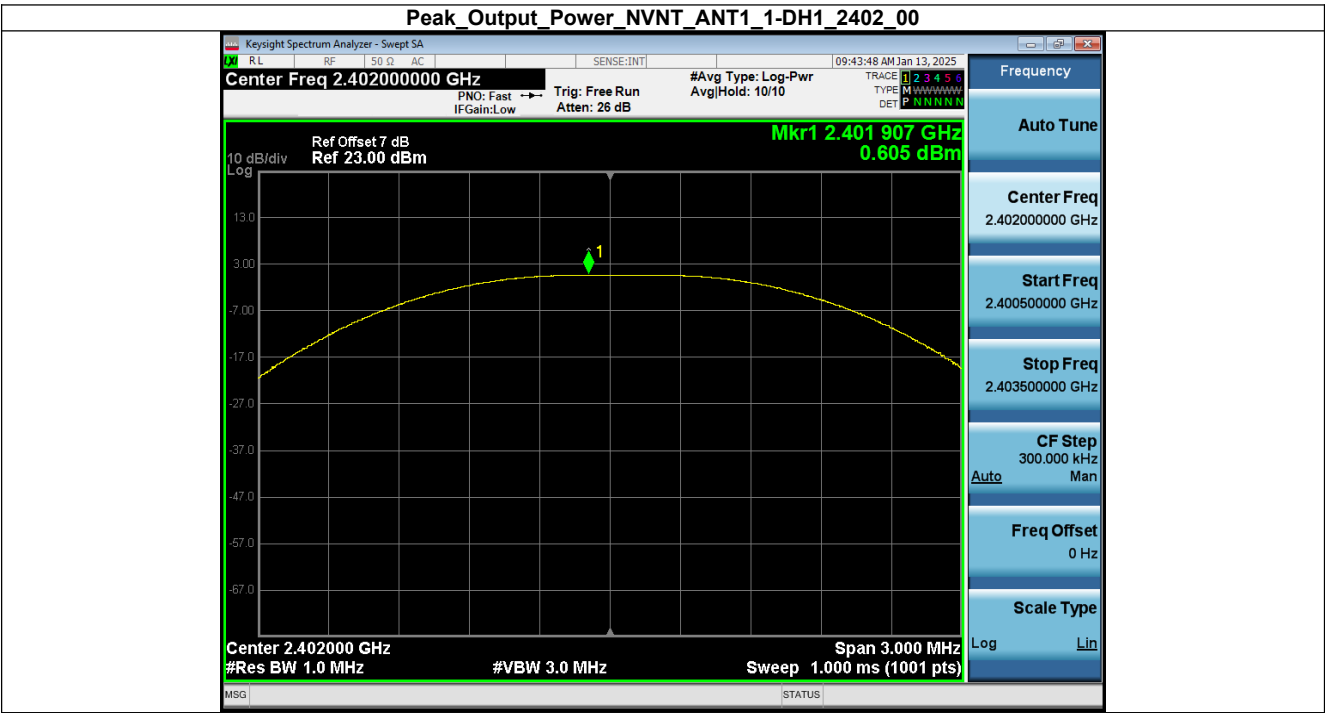


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00

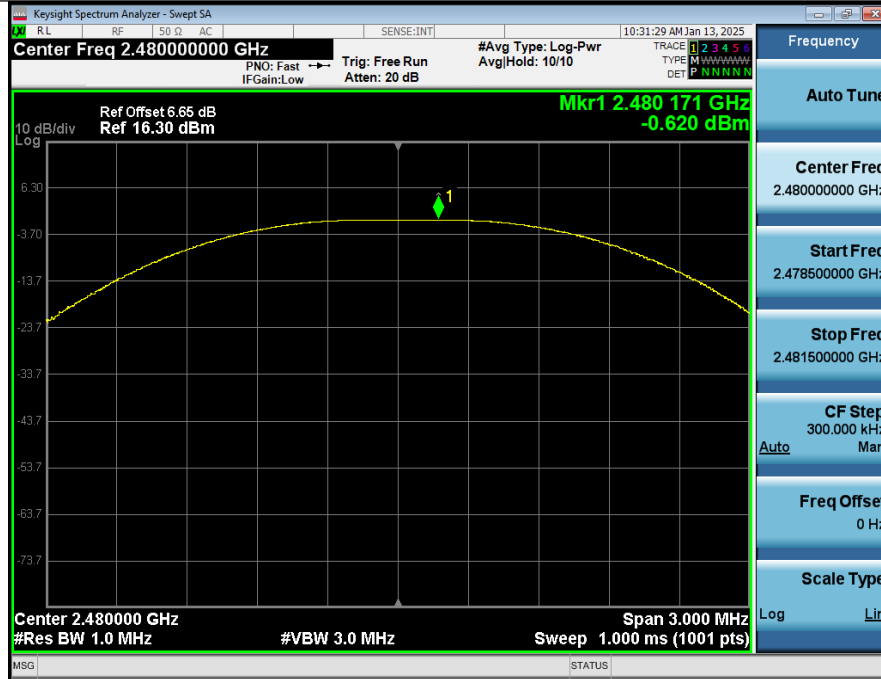


4. Peak Output Power

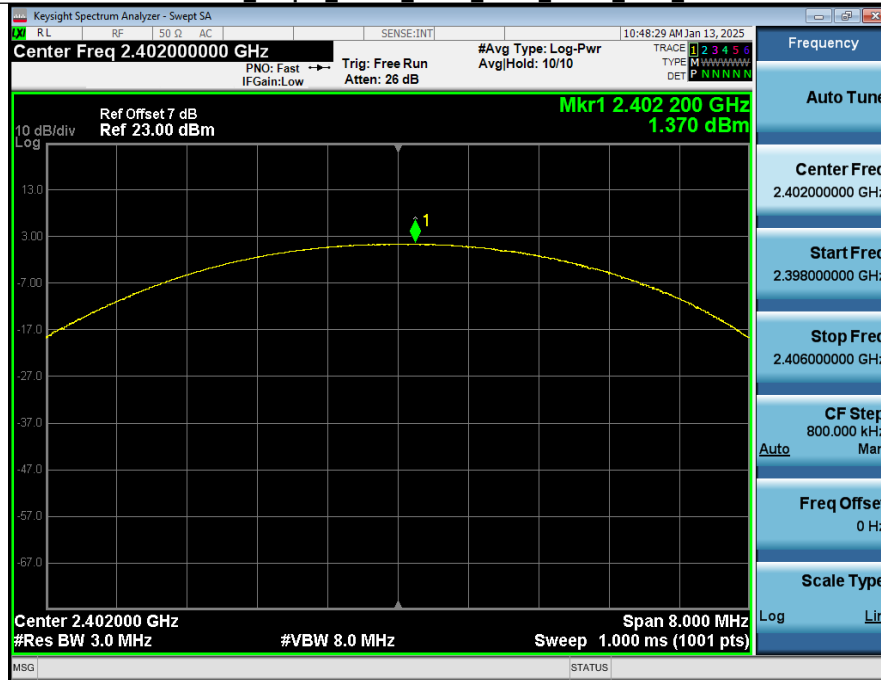
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	0.60	1.15	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.13	1.03	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.62	0.87	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.37	1.37	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.43	1.10	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.25	1.06	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.91	1.55	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.01	1.26	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.83	1.21	125	Pass



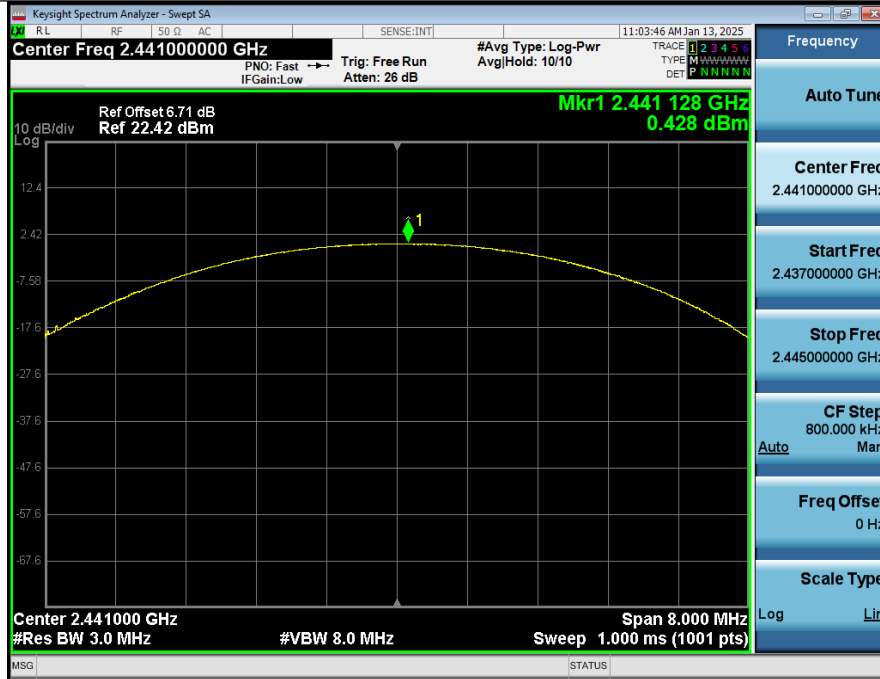
Peak Output Power_NVNT_ANT1_1-DH1_2480_00



Peak Output Power_NVNT_ANT1_2-DH1_2402_00



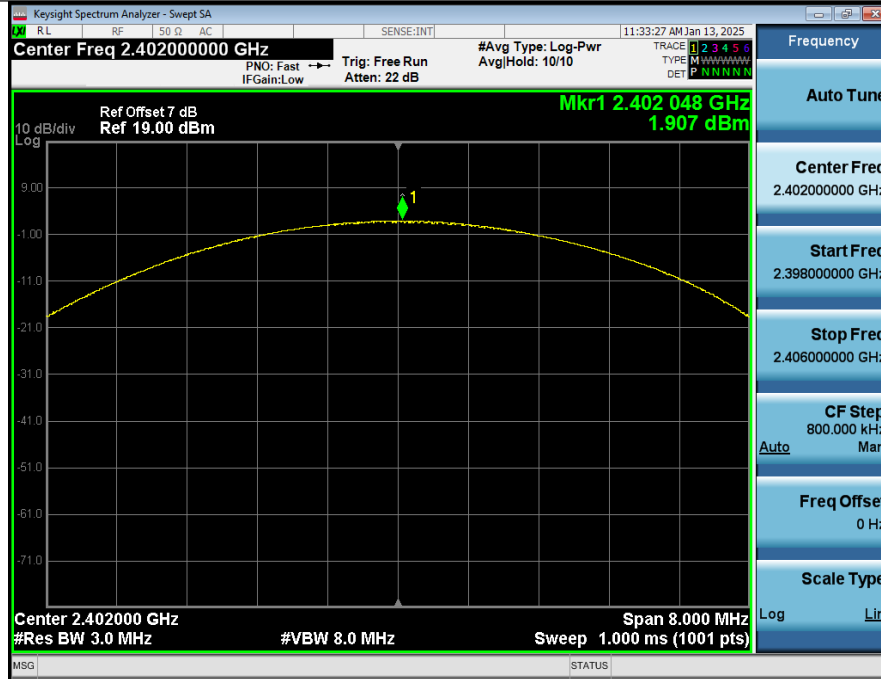
Peak Output Power_NVNT_ANT1_2-DH1_2441_00



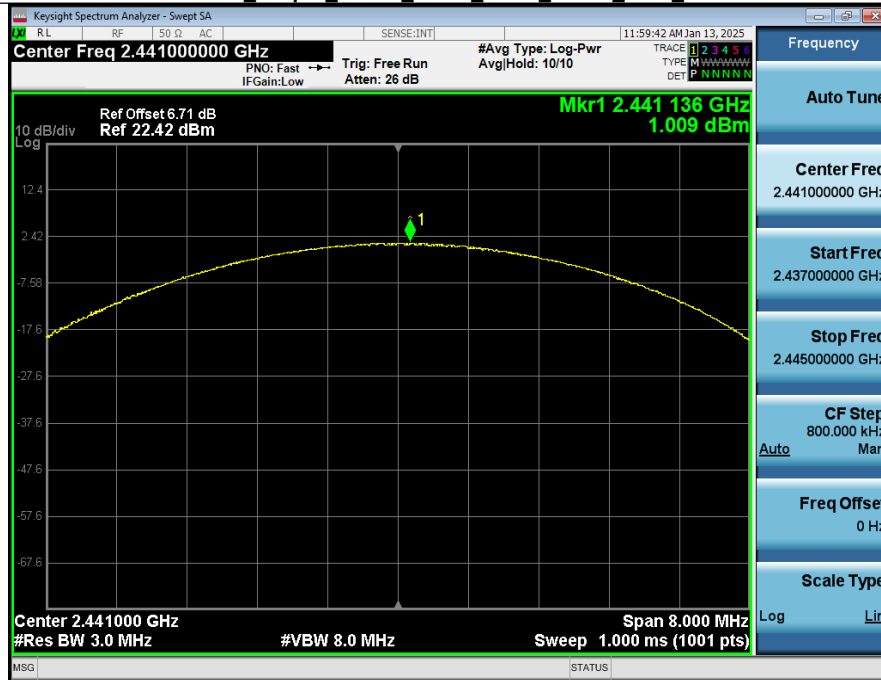
Peak Output Power_NVNT_ANT1_2-DH1_2480_00



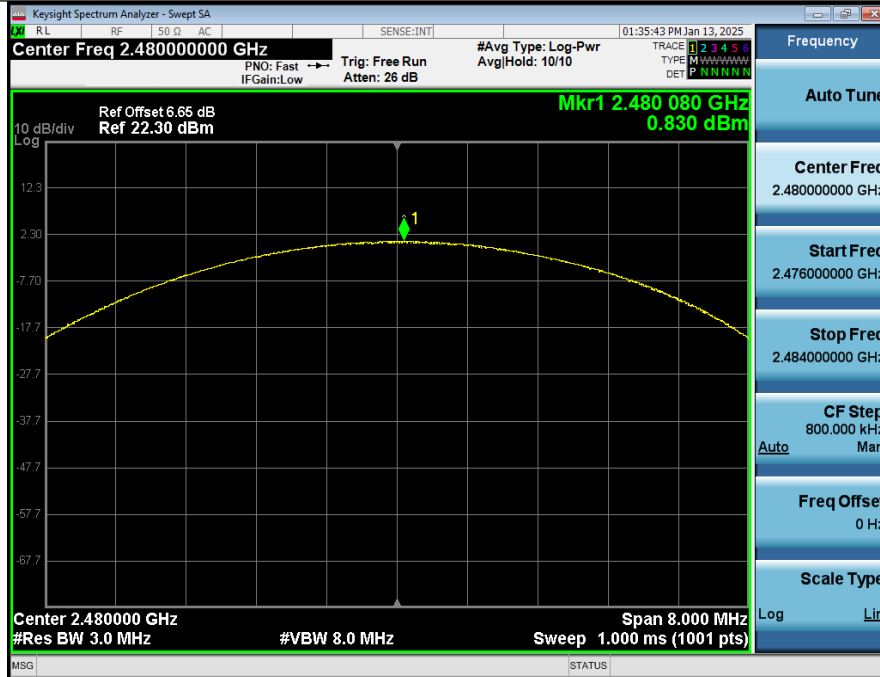
Peak Output Power_NVNT_ANT1_3-DH1_2402_00



Peak Output Power_NVNT_ANT1_3-DH1_2441_00



Peak Output Power_NVNT_ANT1_3-DH1_2480_00



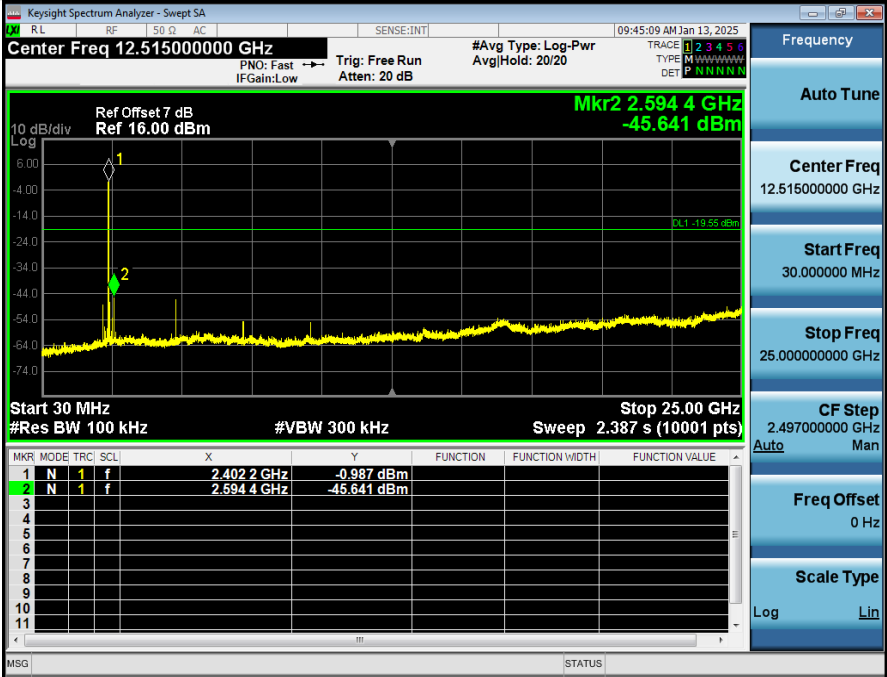
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.455	-45.641	-19.545	Pass
NVNT	ANT1	1-DH1	2441.00	-0.516	-48.294	-20.516	Pass
NVNT	ANT1	1-DH1	2480.00	-0.731	-44.773	-20.731	Pass
NVNT	ANT1	2-DH1	2402.00	0.361	-47.442	-19.639	Pass
NVNT	ANT1	2-DH1	2441.00	-0.569	-48.126	-20.569	Pass
NVNT	ANT1	2-DH1	2480.00	-0.790	-46.750	-20.790	Pass
NVNT	ANT1	3-DH1	2402.00	0.379	-44.919	-19.621	Pass
NVNT	ANT1	3-DH1	2441.00	-0.556	-47.889	-20.556	Pass
NVNT	ANT1	3-DH1	2480.00	-0.787	-45.688	-20.787	Pass

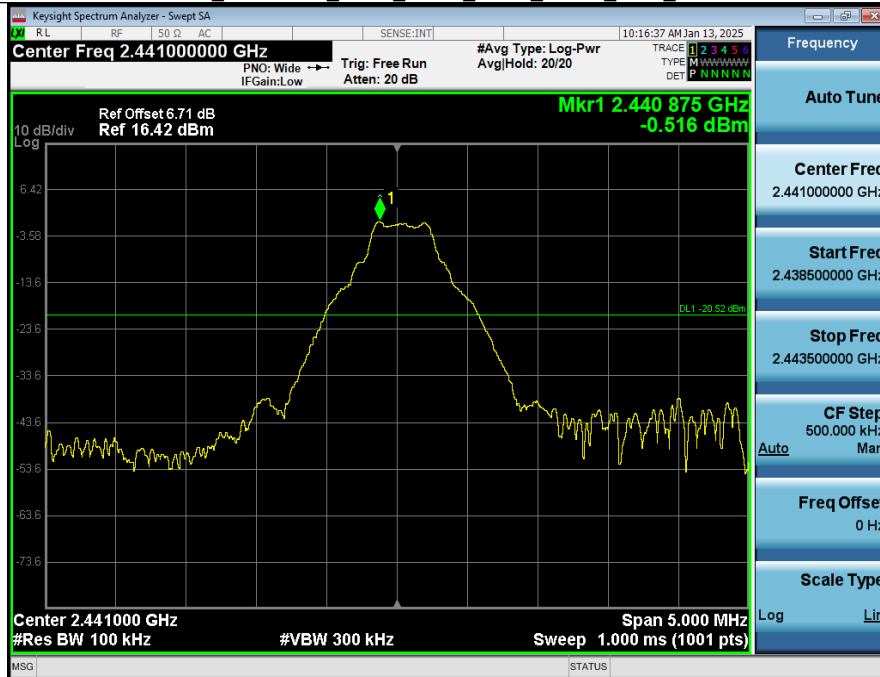
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



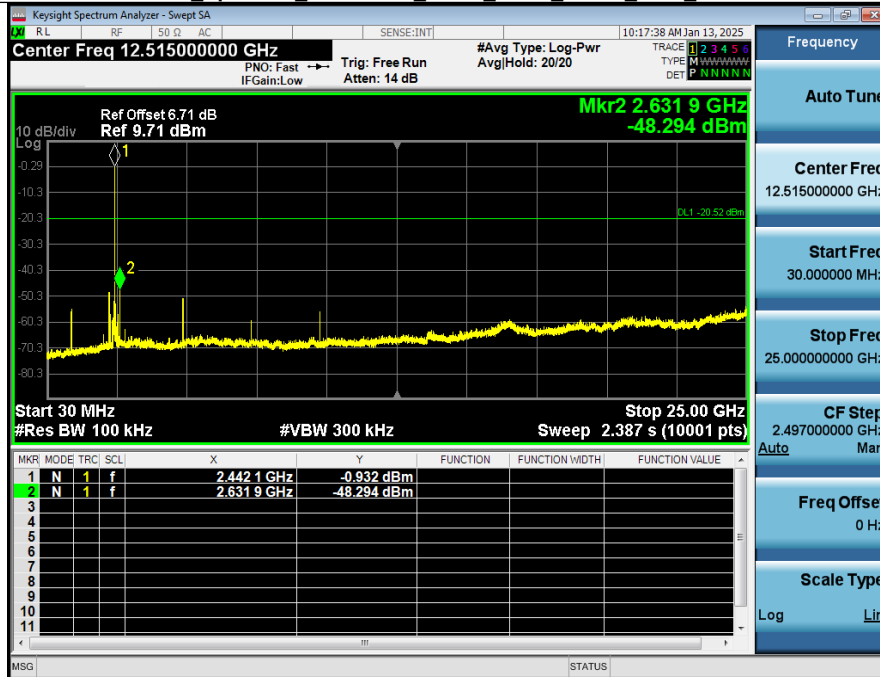
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



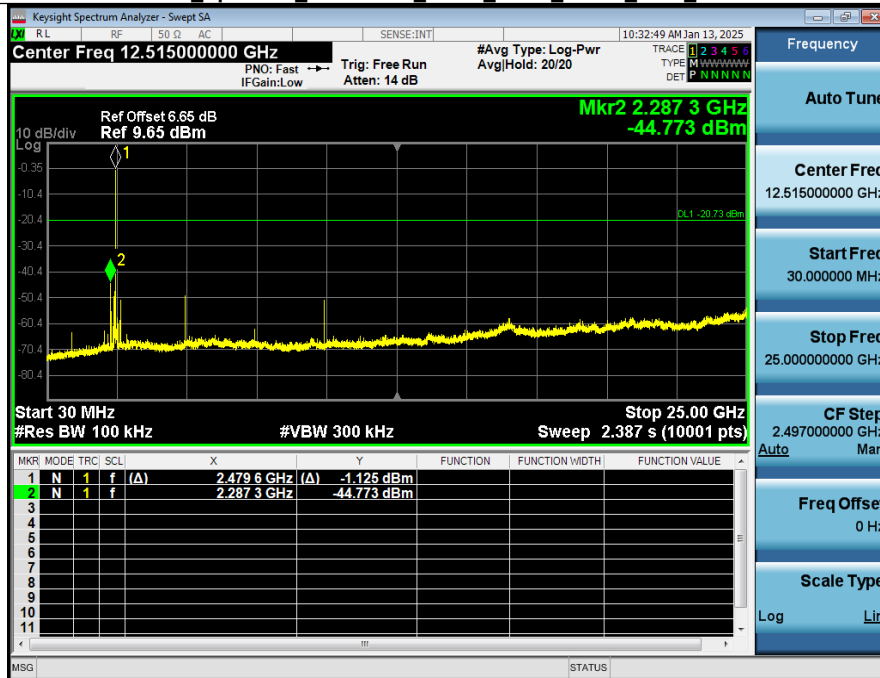
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



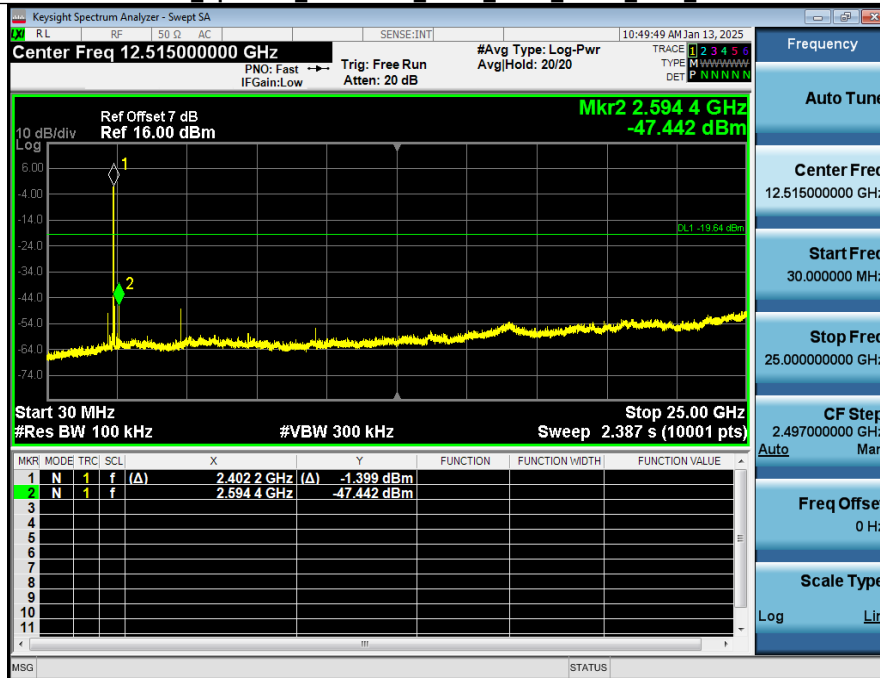
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



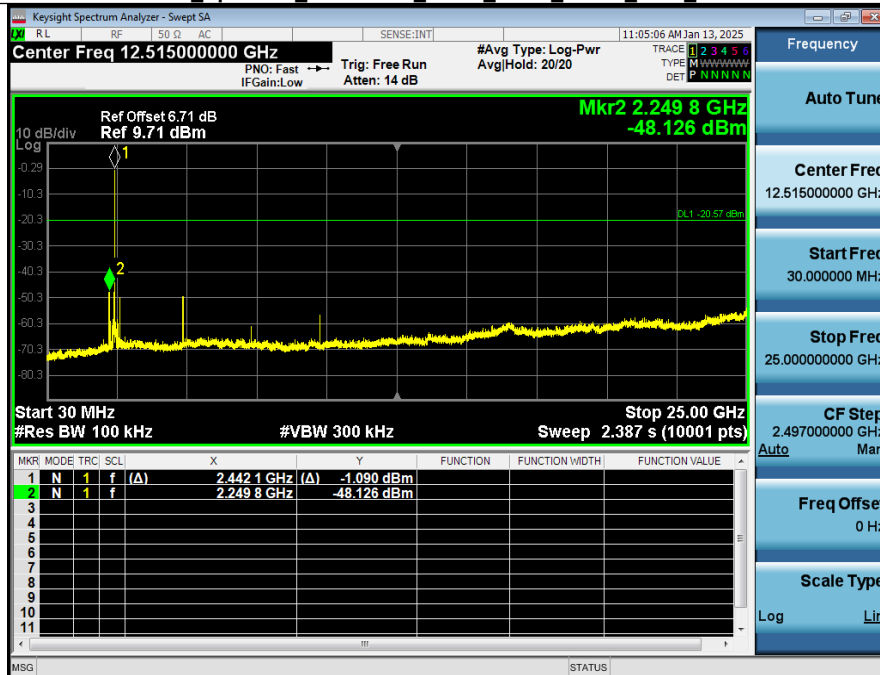
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



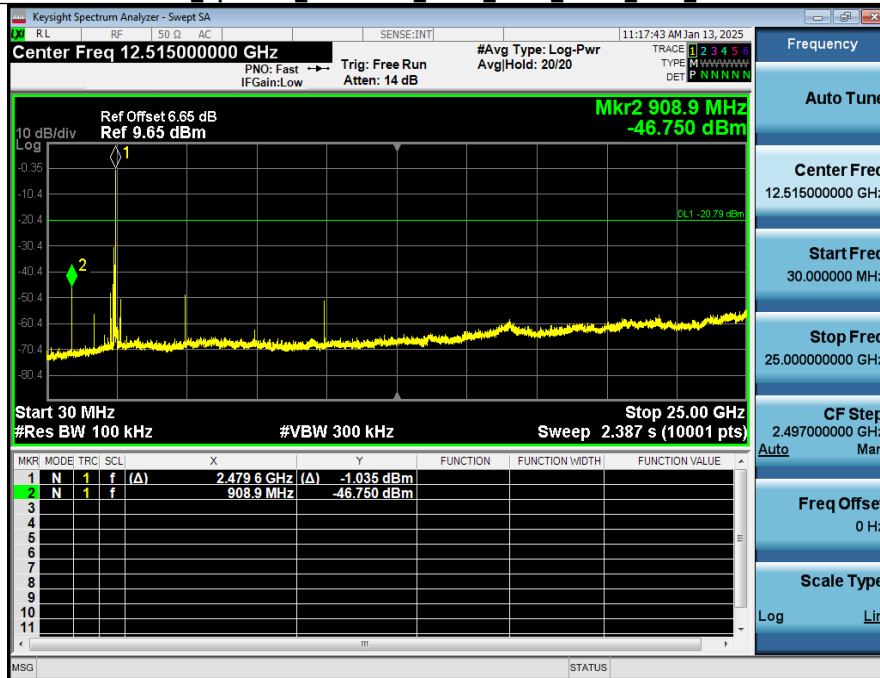
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



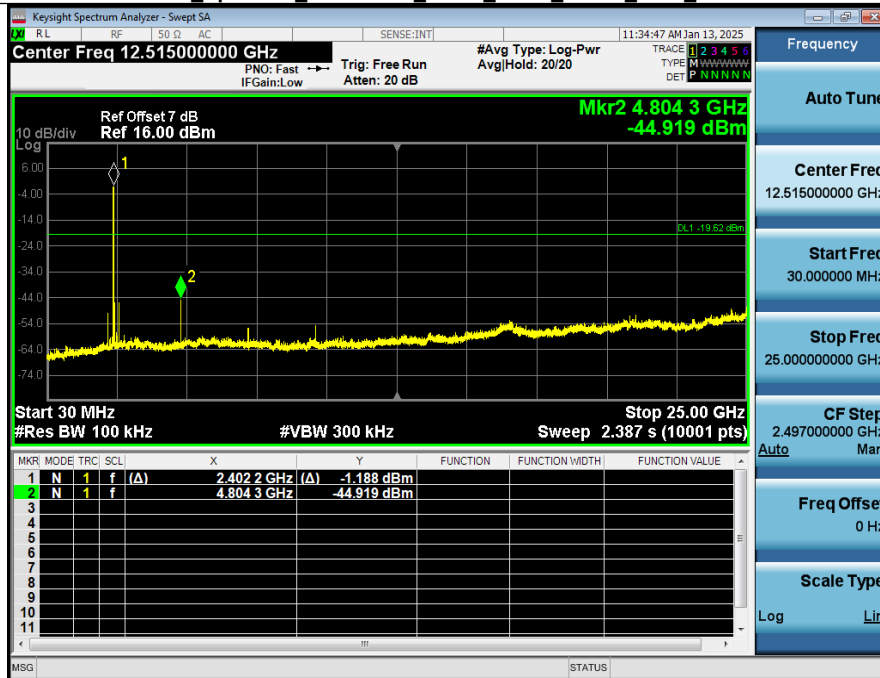
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



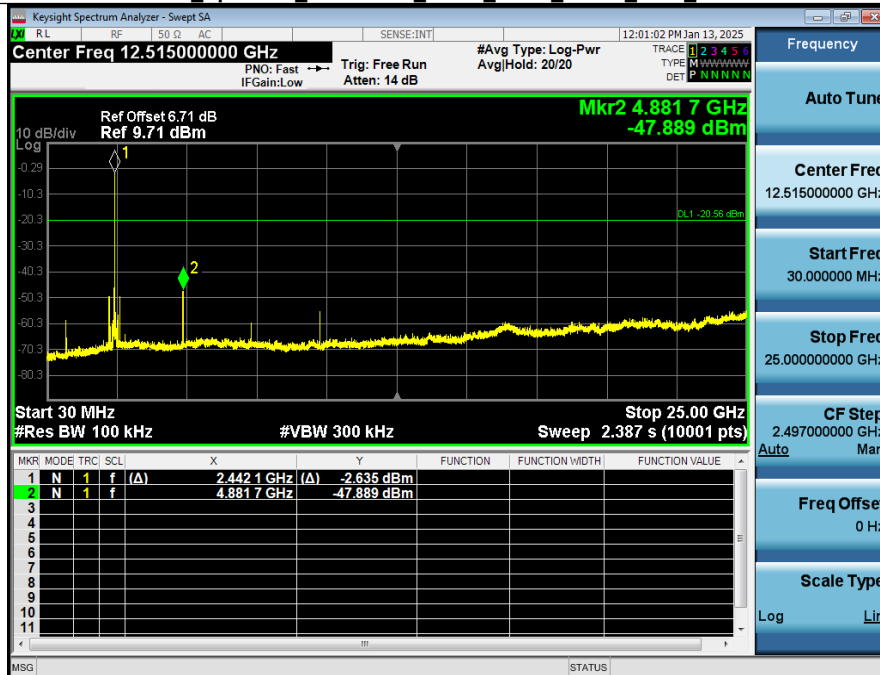
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1_Reference_Level_NVNT_ANT1_3-DH1_2441_00



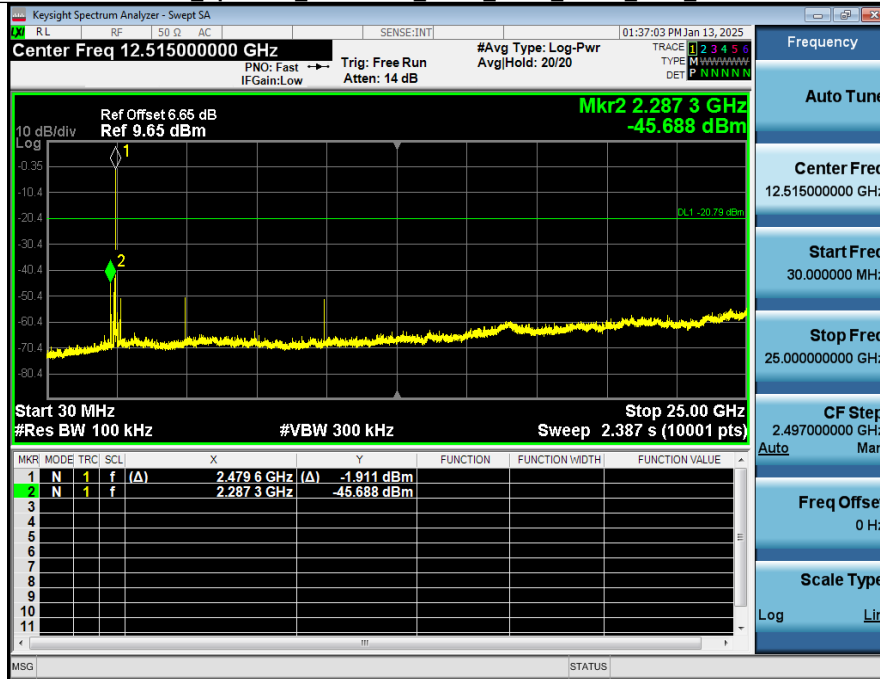
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00

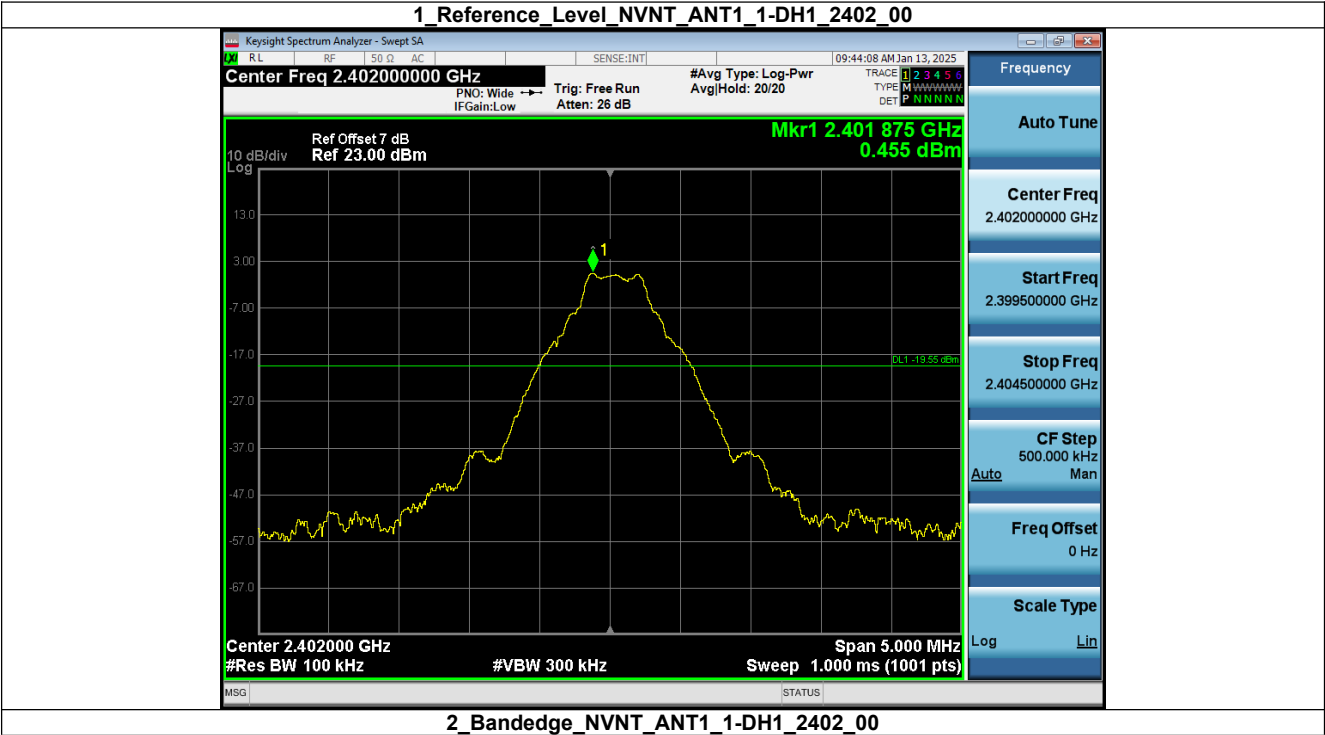


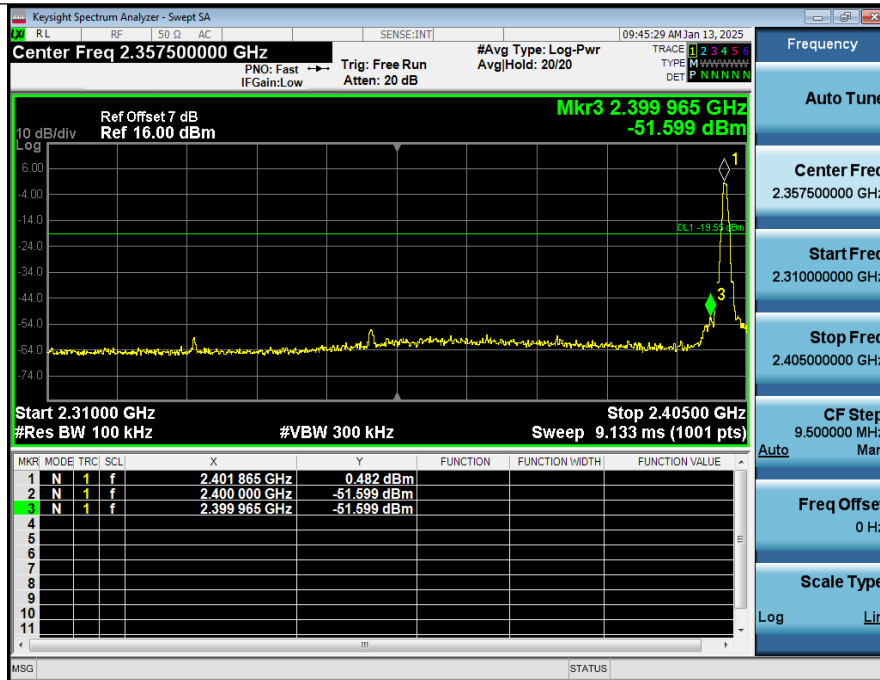
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



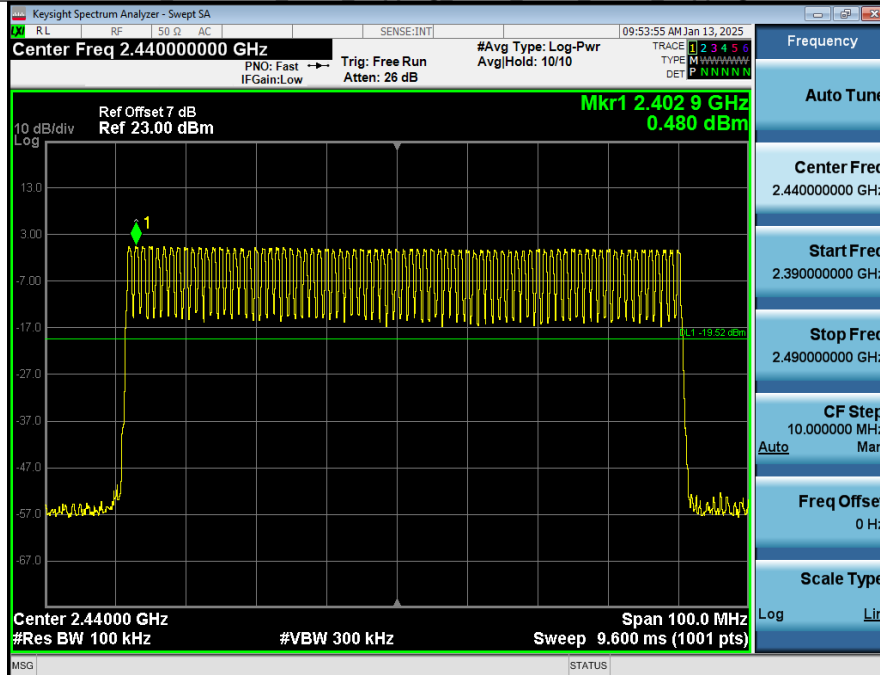
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.455	-51.599	-19.545	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.480	-52.038	-19.520	Pass
NVNT	ANT1	1-DH1	2480.00	-0.731	-62.649	-20.731	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.138	-54.080	-19.862	Pass
NVNT	ANT1	2-DH1	2402.00	0.361	-50.224	-19.639	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.414	-50.024	-19.586	Pass
NVNT	ANT1	2-DH1	2480.00	-0.790	-62.472	-20.790	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.075	-55.864	-19.925	Pass
NVNT	ANT1	3-DH1	2402.00	0.379	-48.379	-19.621	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.516	-50.627	-19.484	Pass
NVNT	ANT1	3-DH1	2480.00	-0.787	-62.832	-20.787	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.040	-54.500	-19.960	Pass

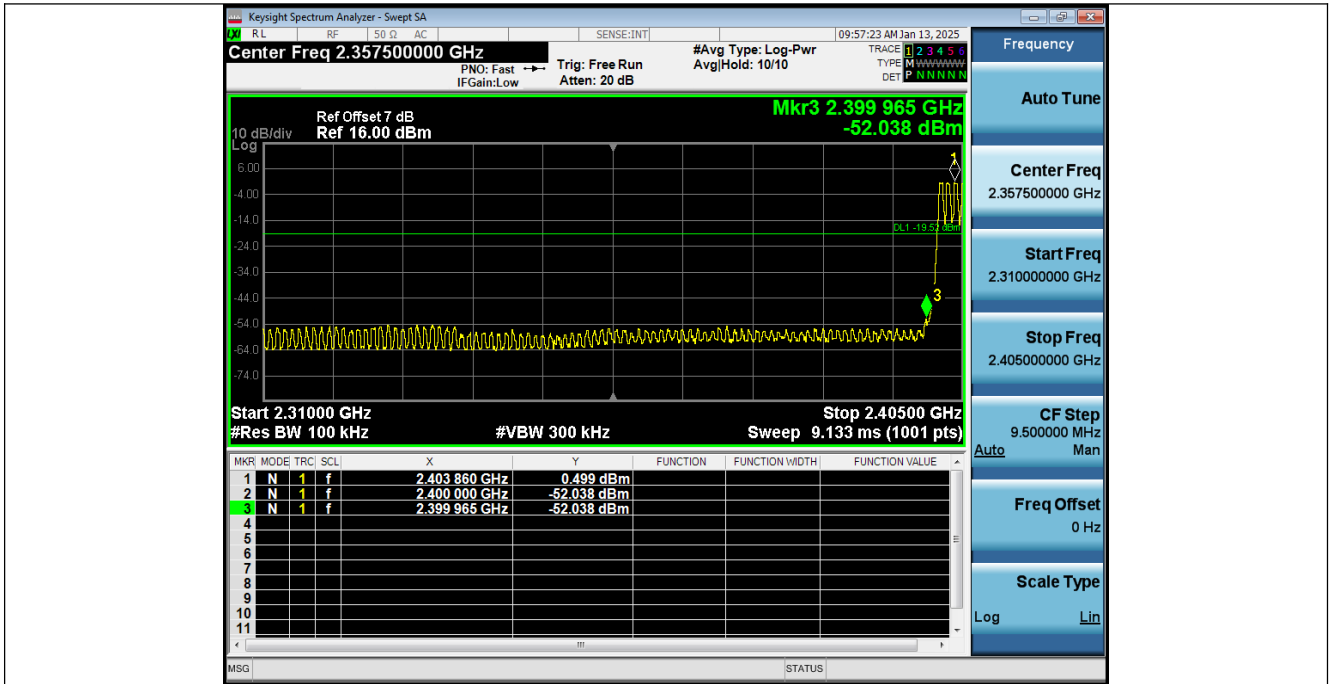




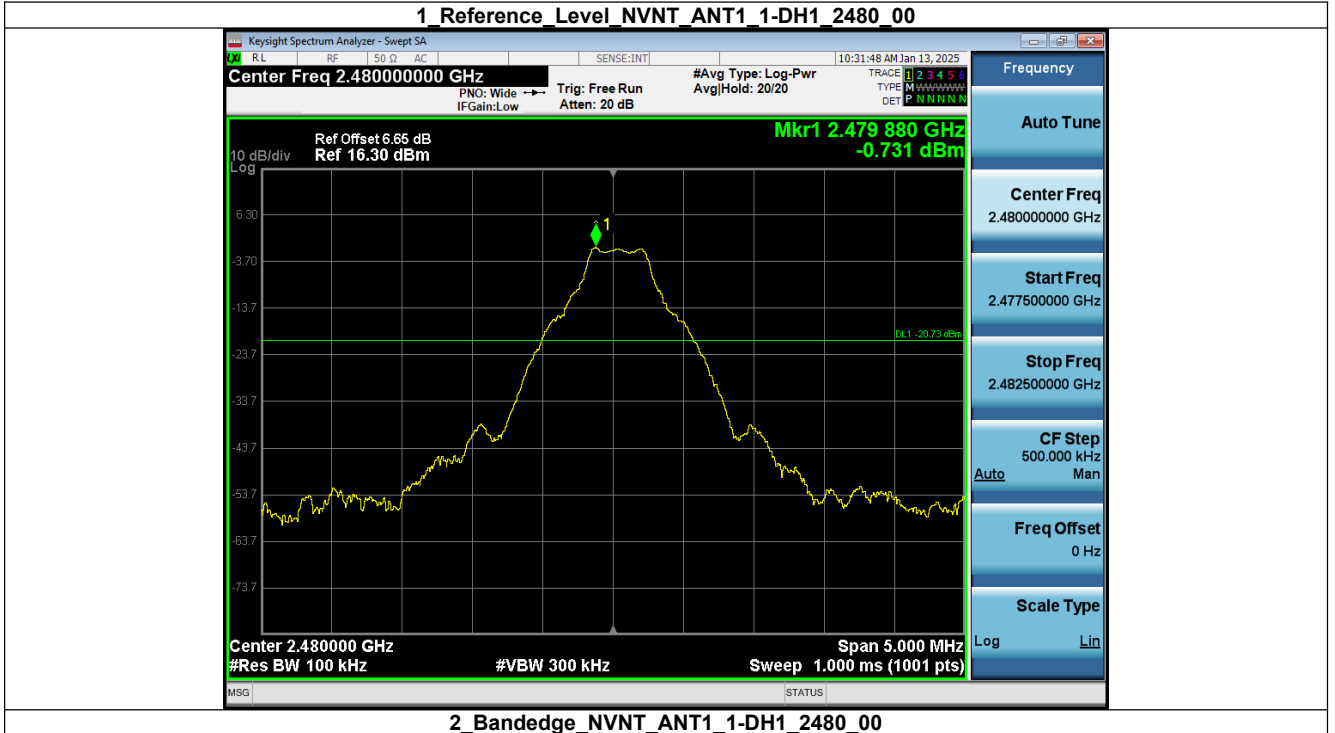
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



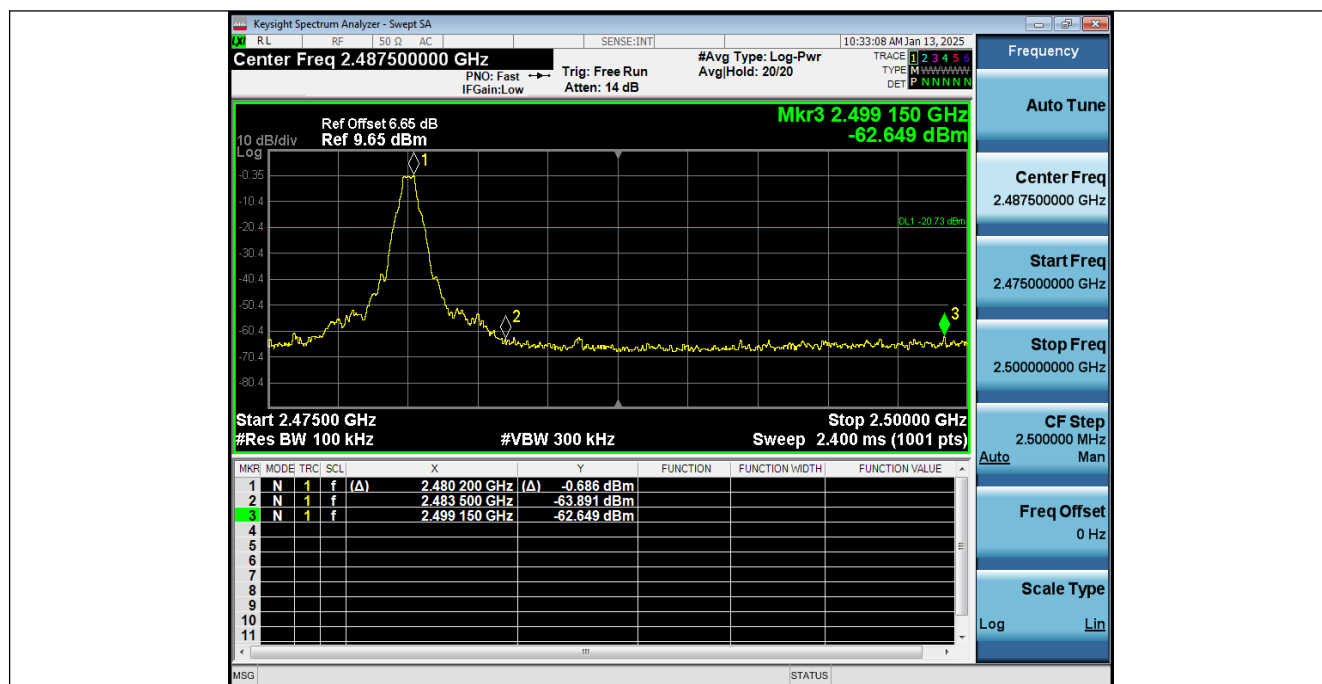
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



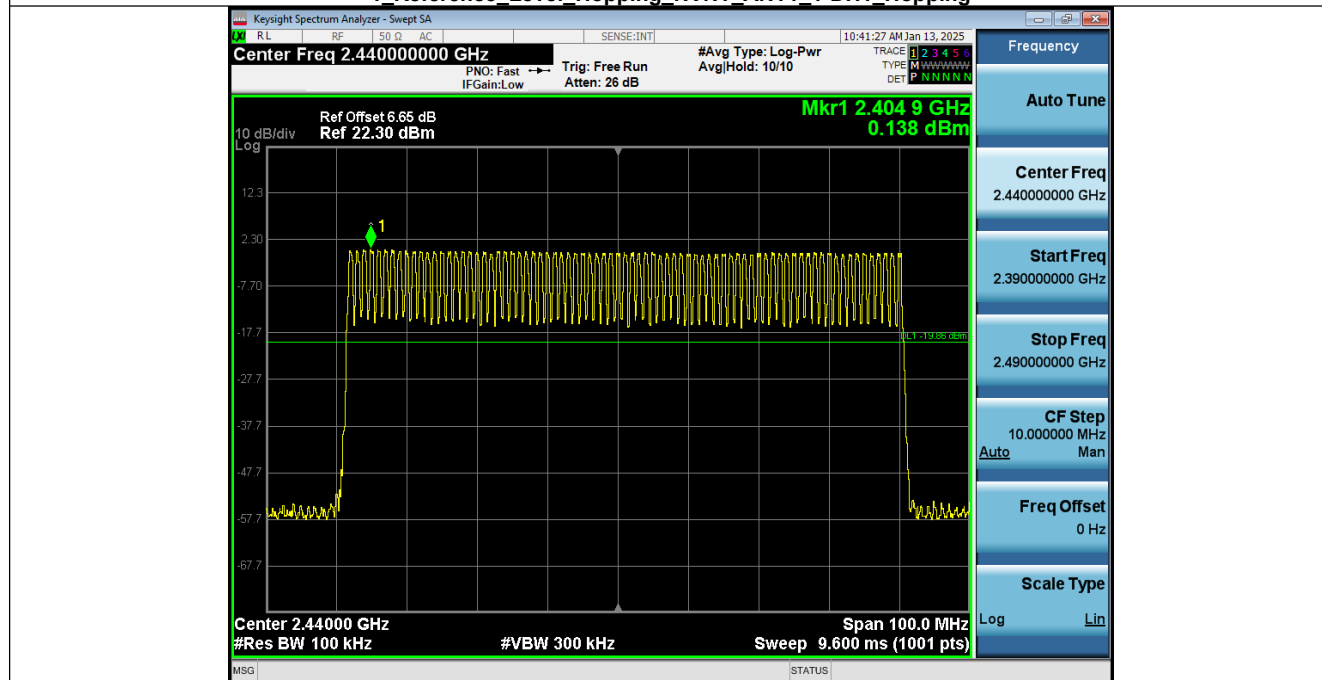
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



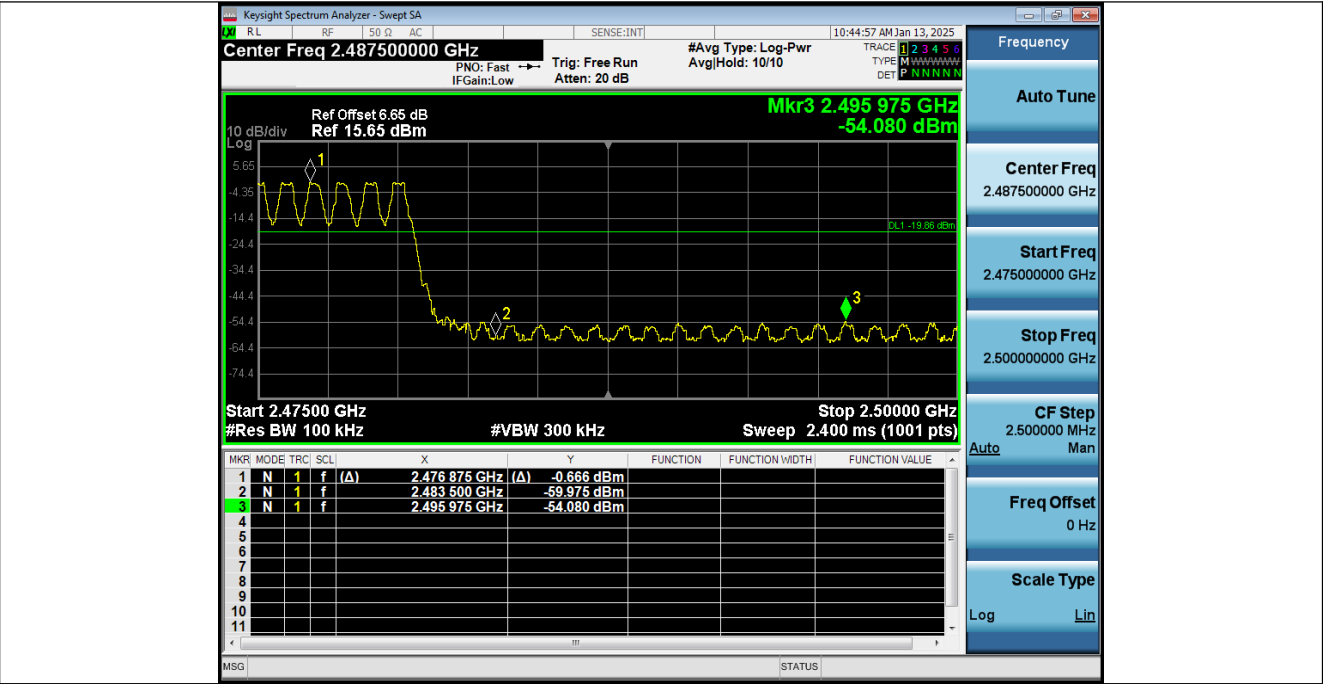
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



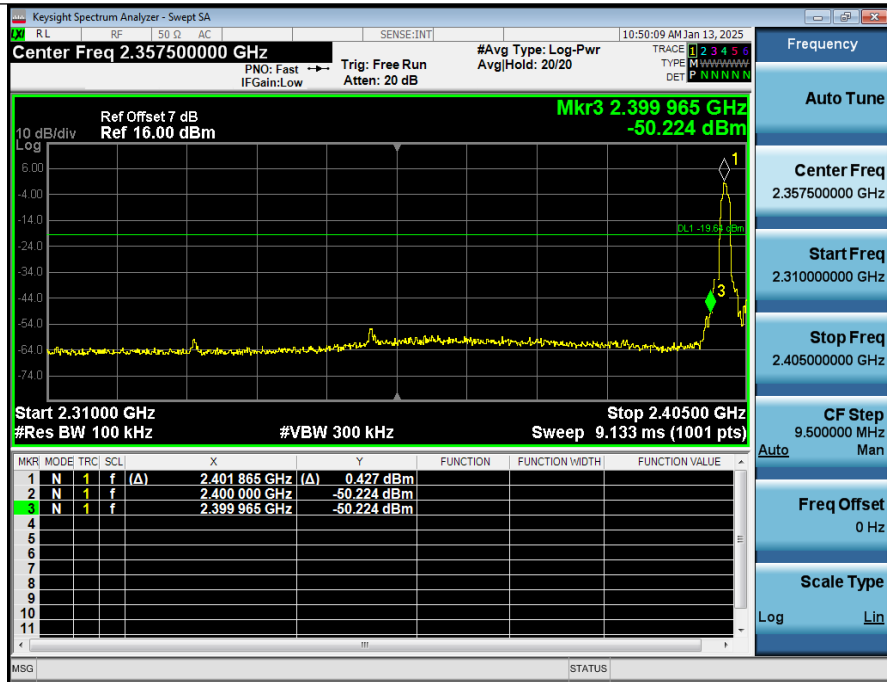
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



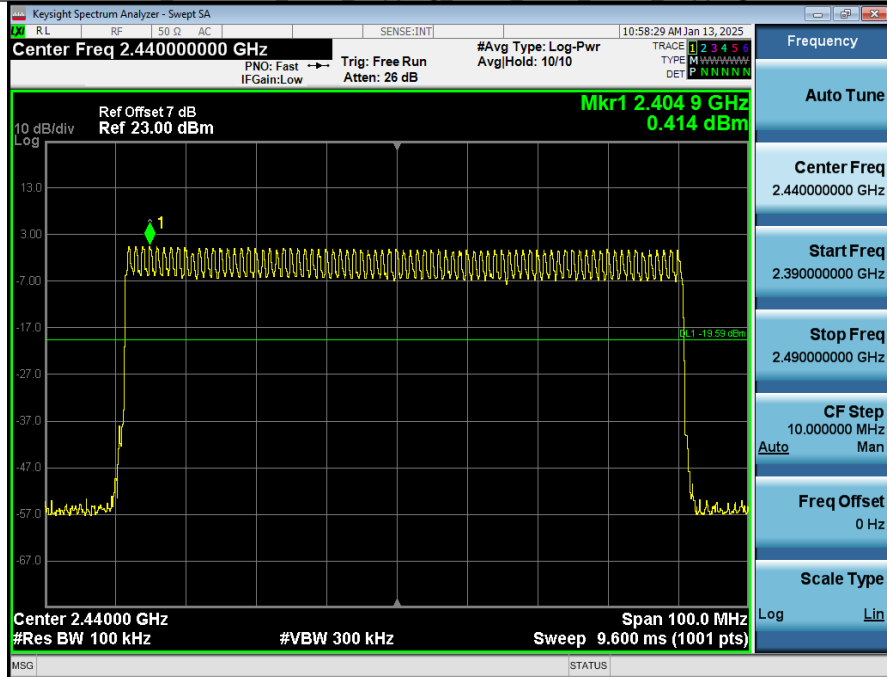
1 Reference Level NVNT ANT1 2-DH1 2402_00



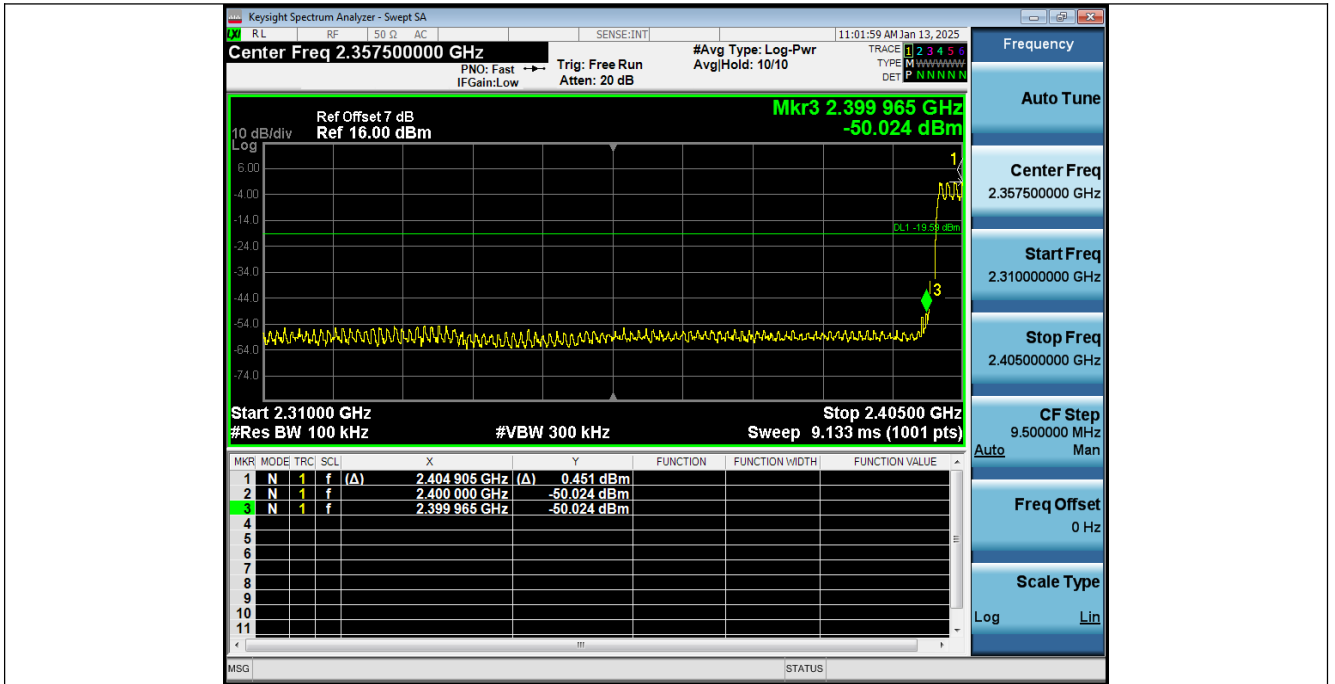
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



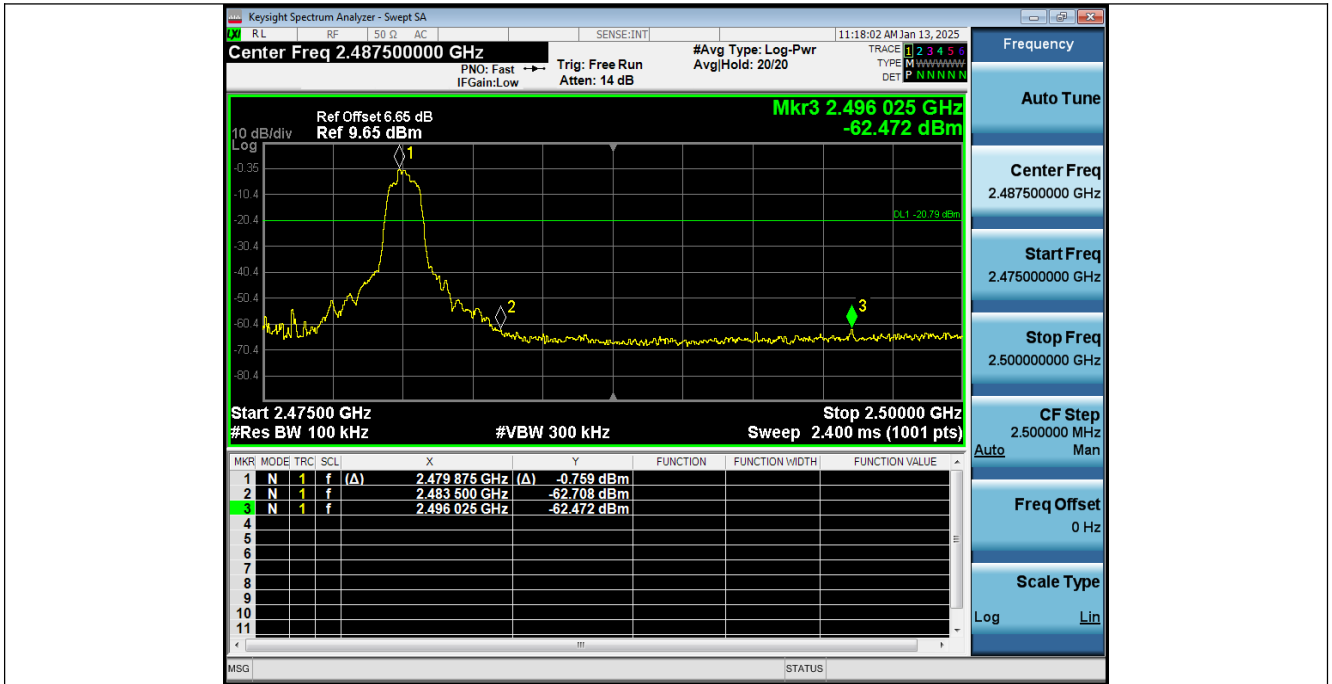
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



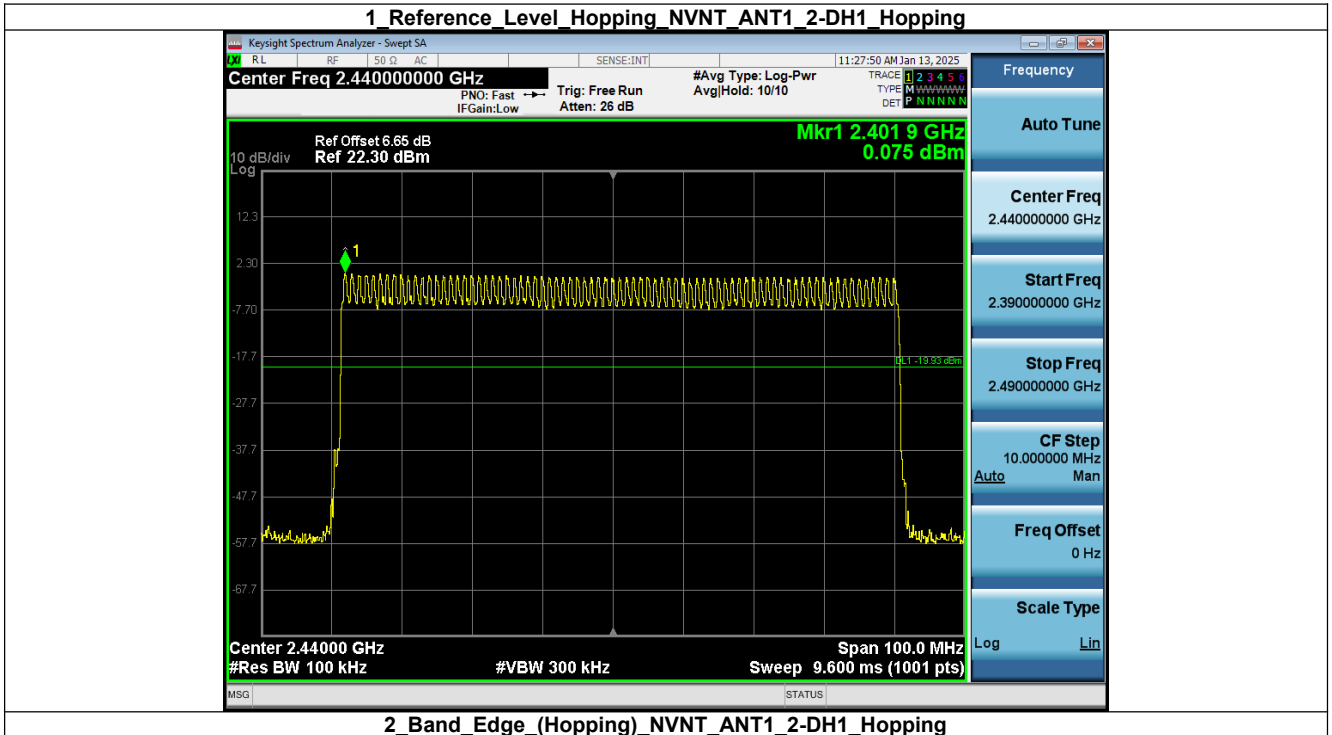
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00

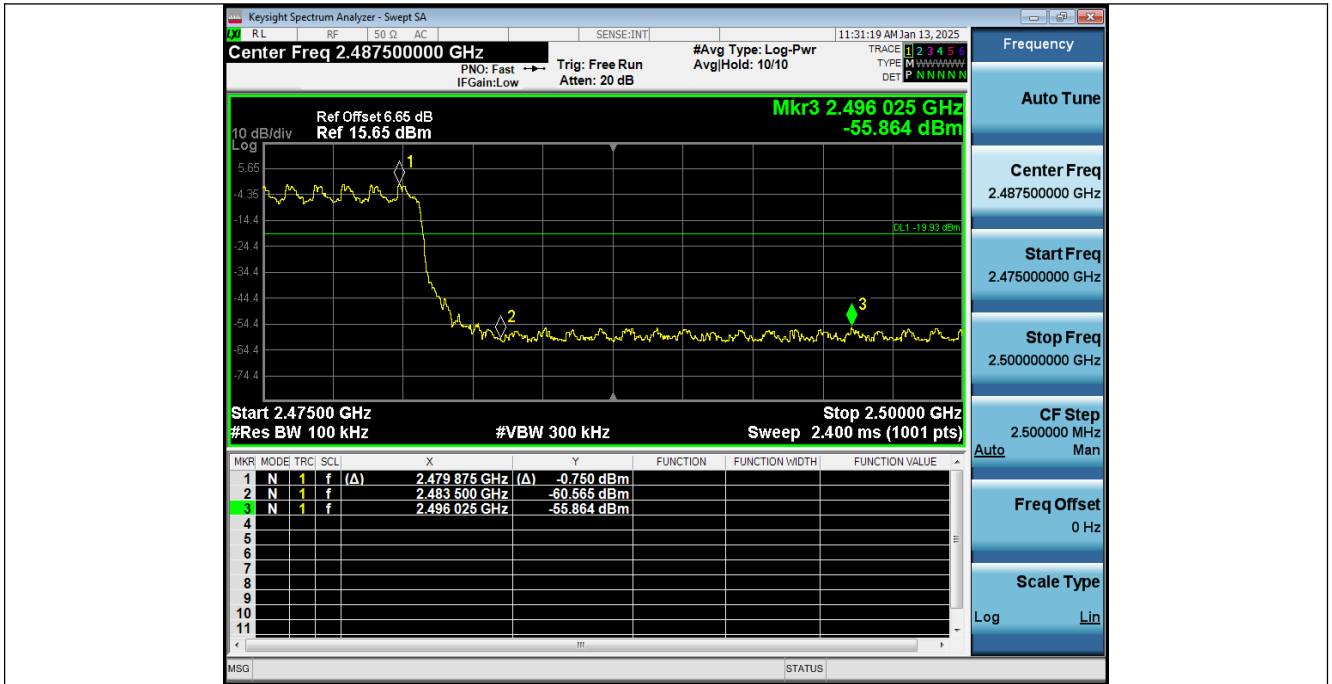


2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

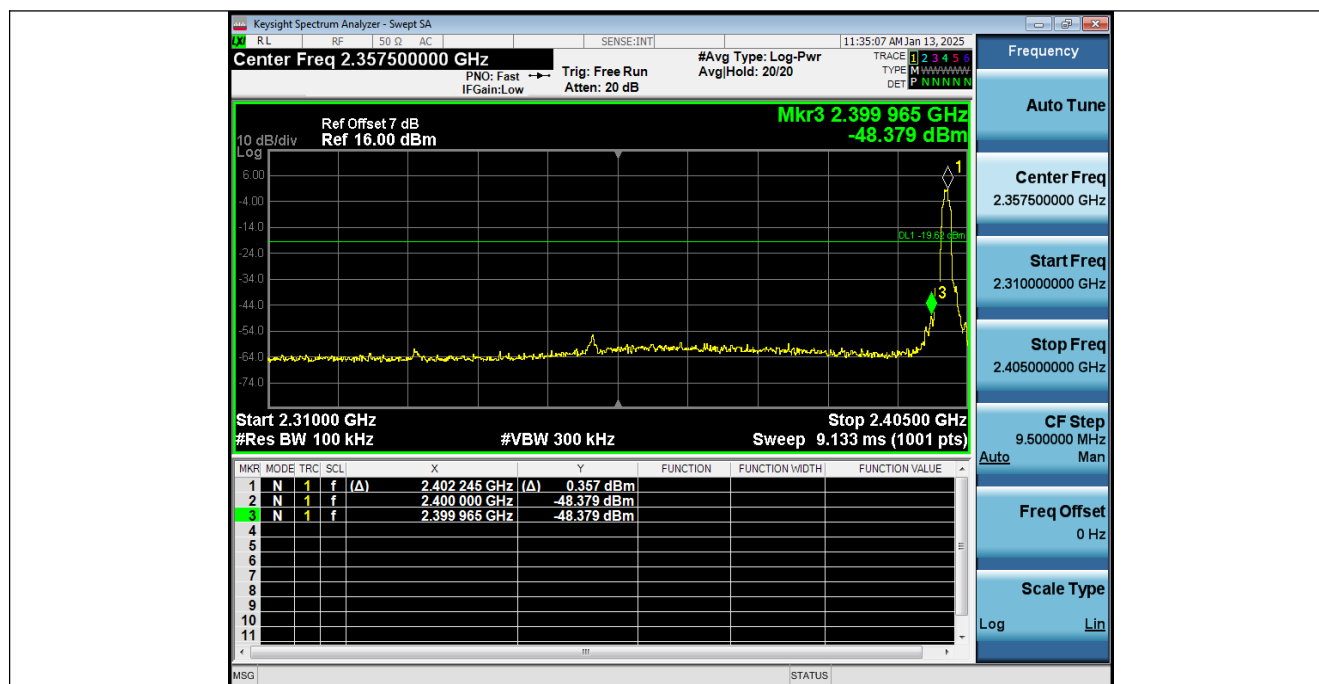




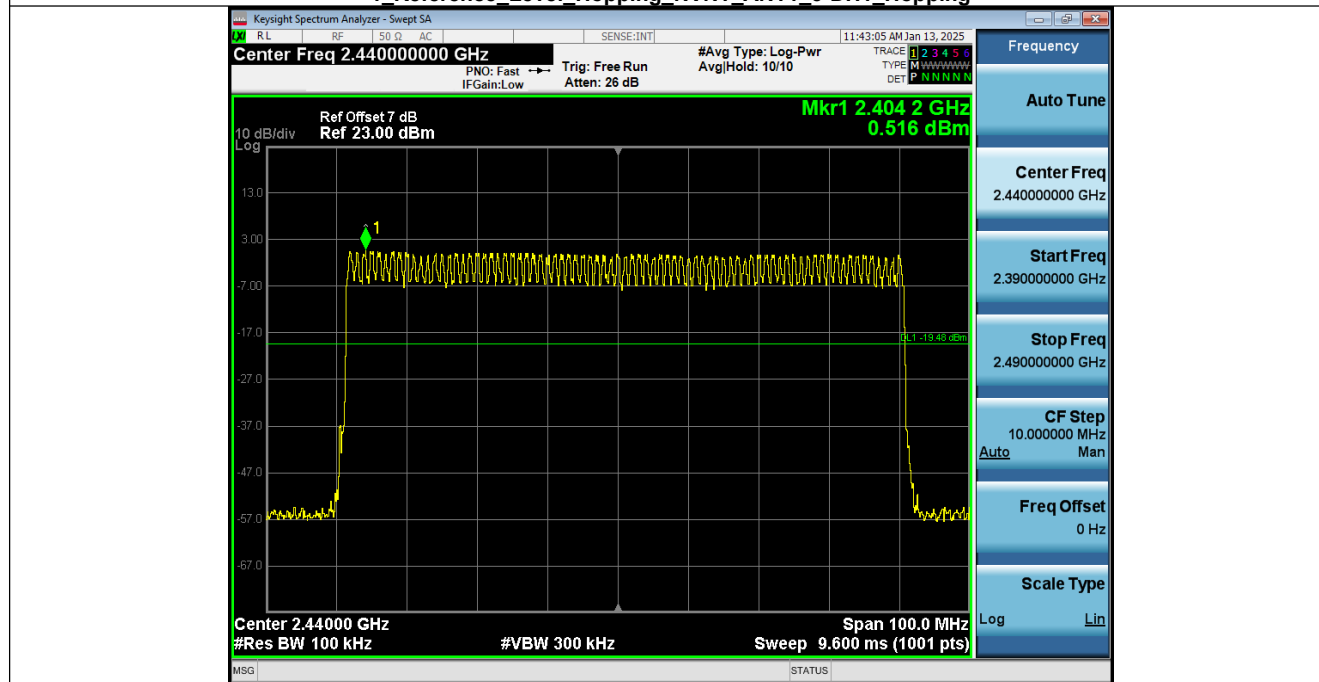
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



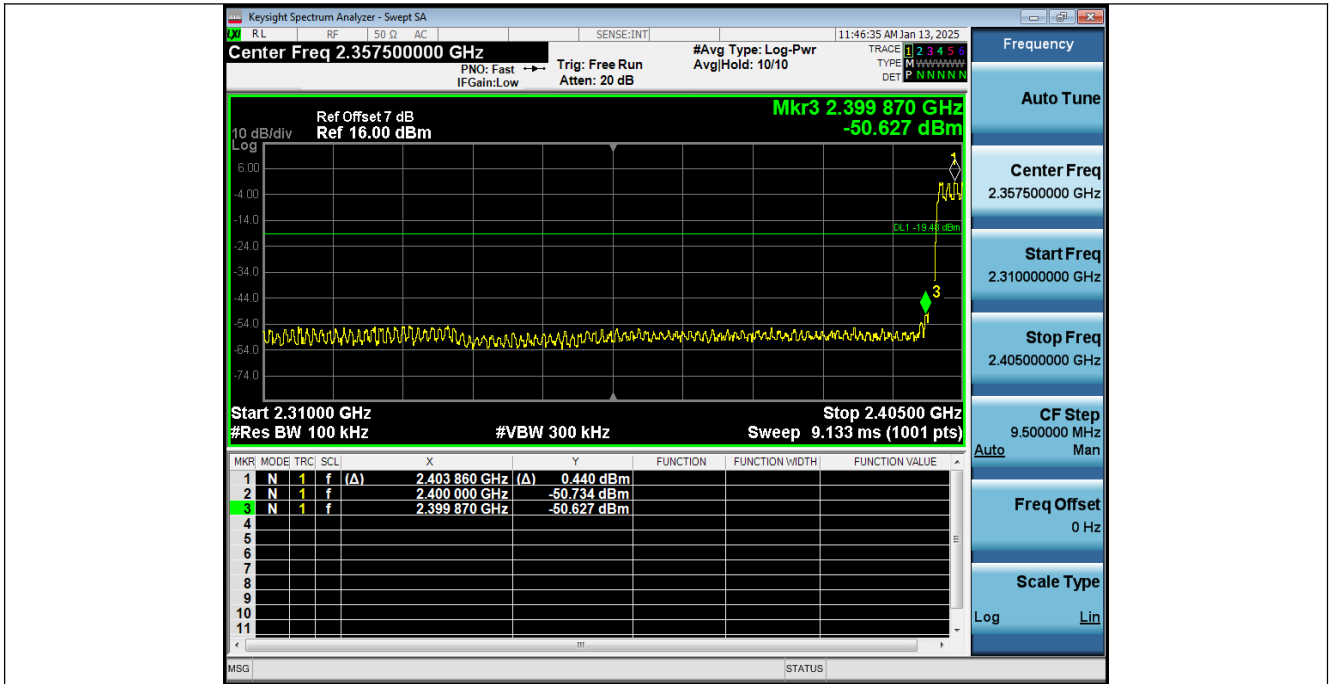
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



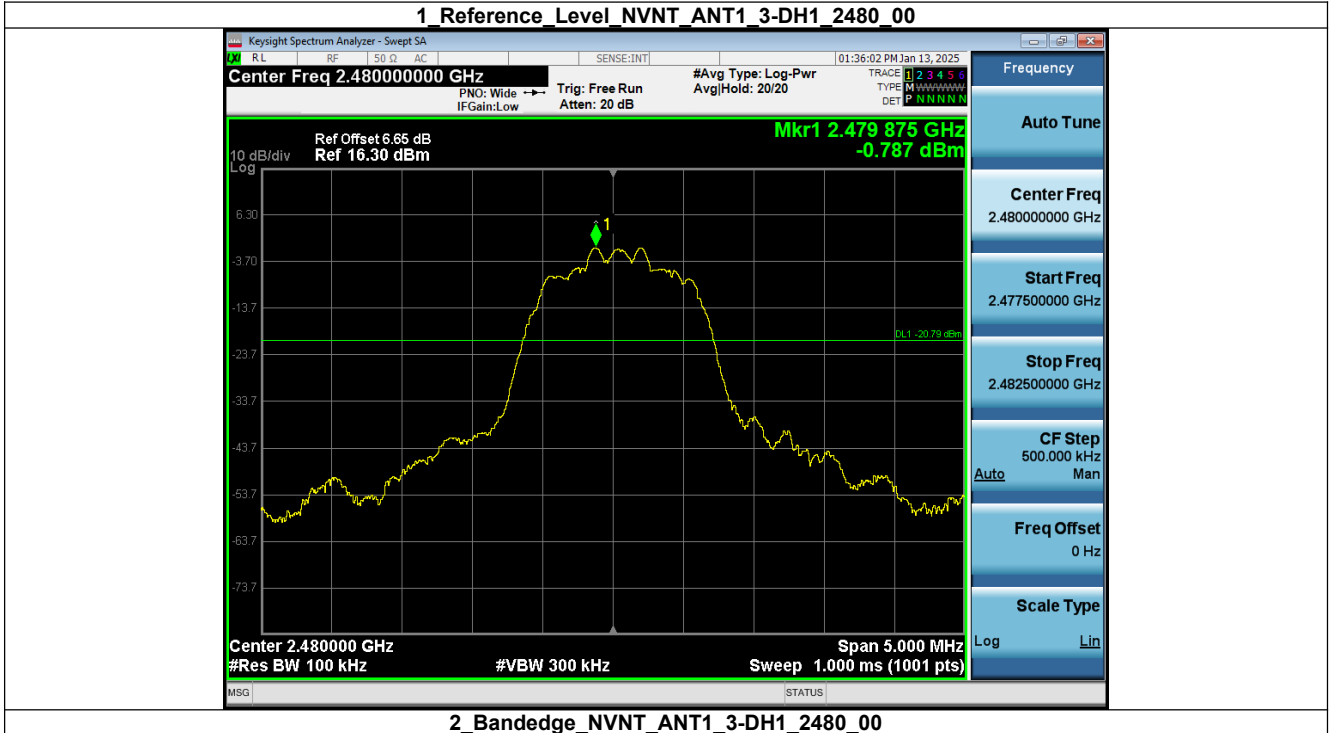
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



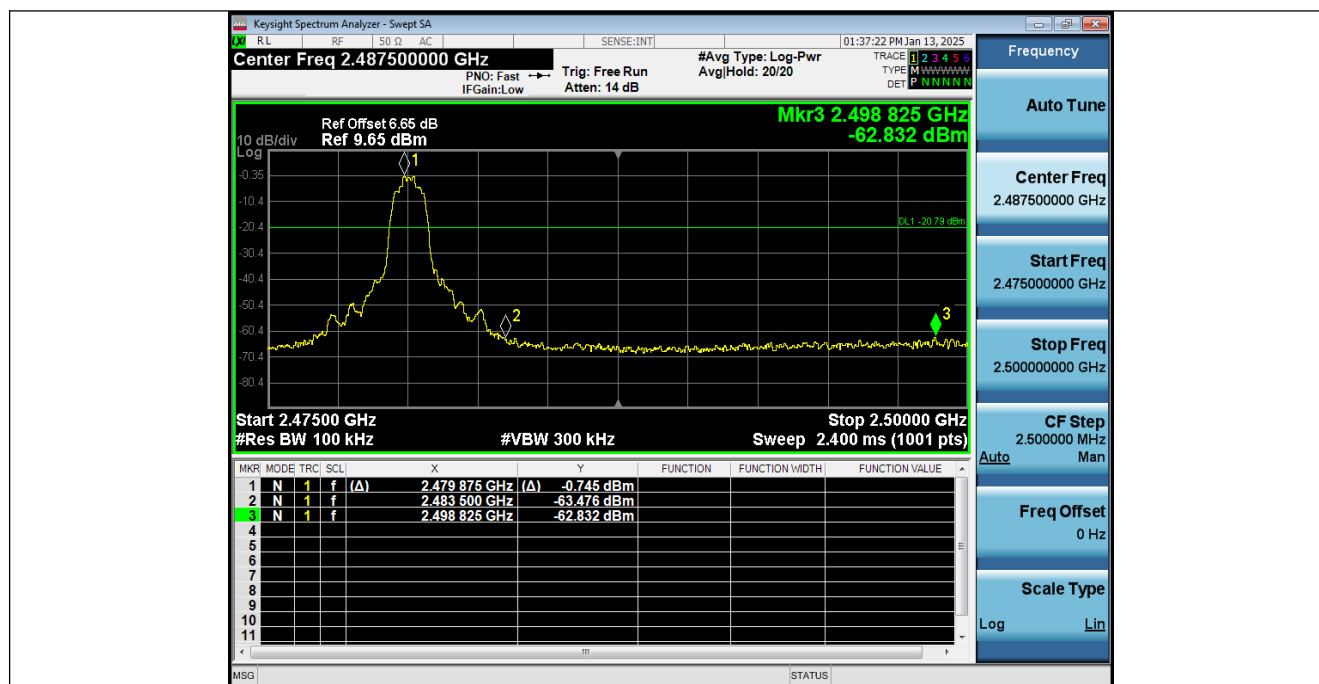
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



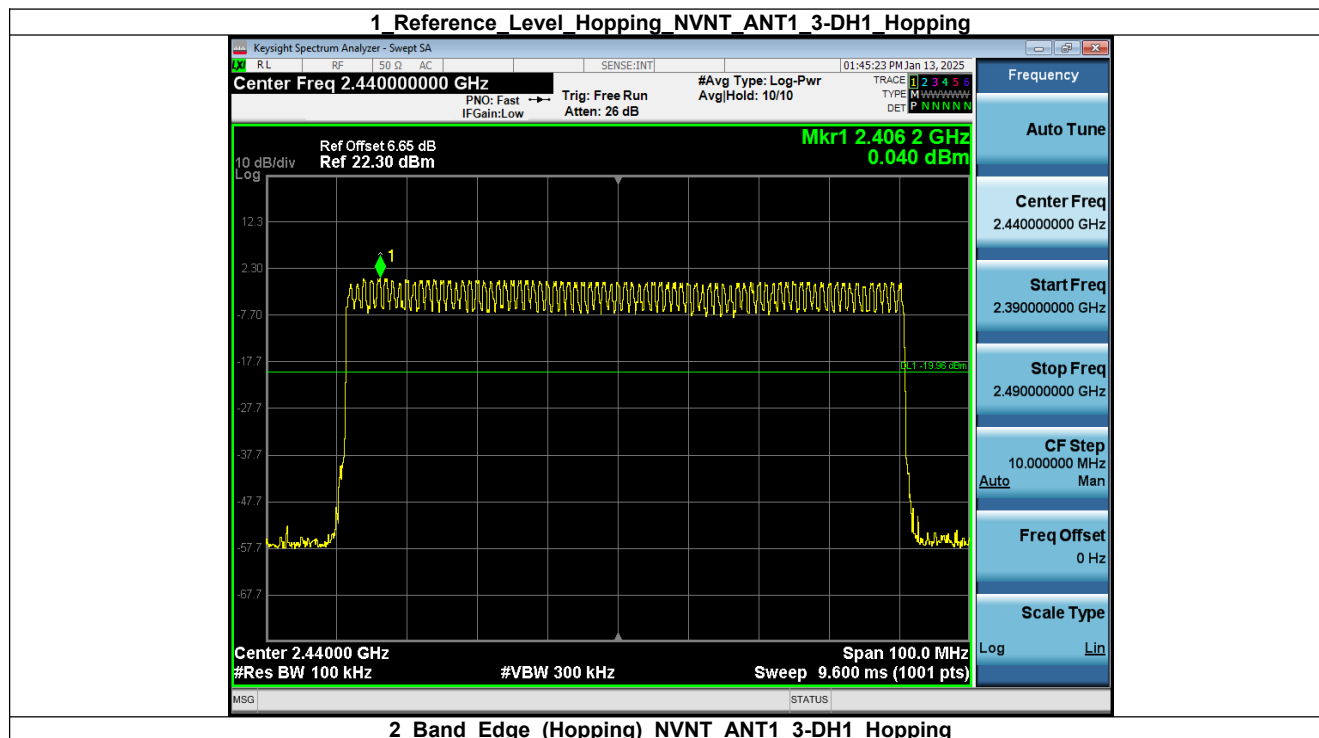
1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



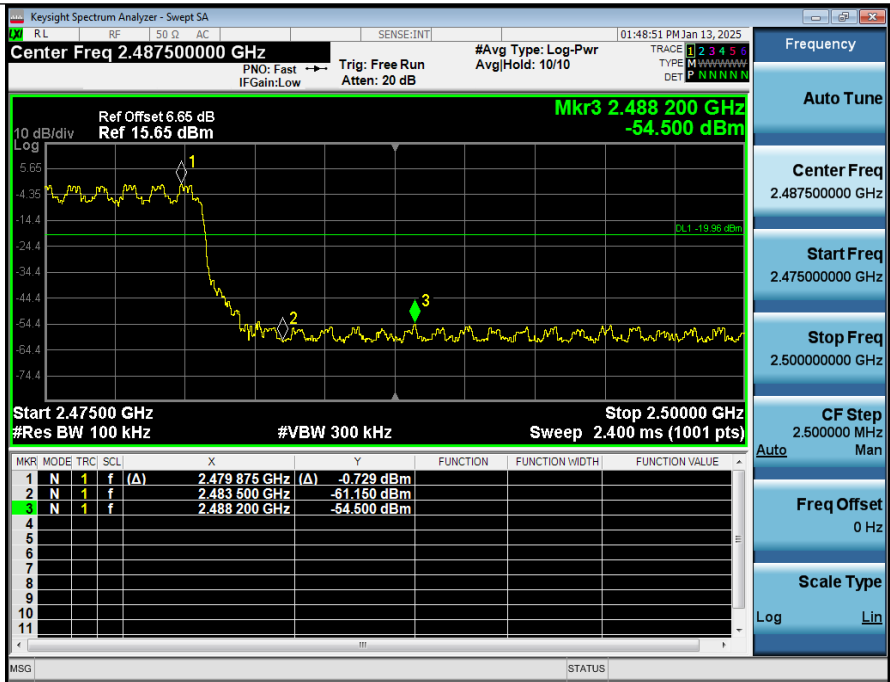
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

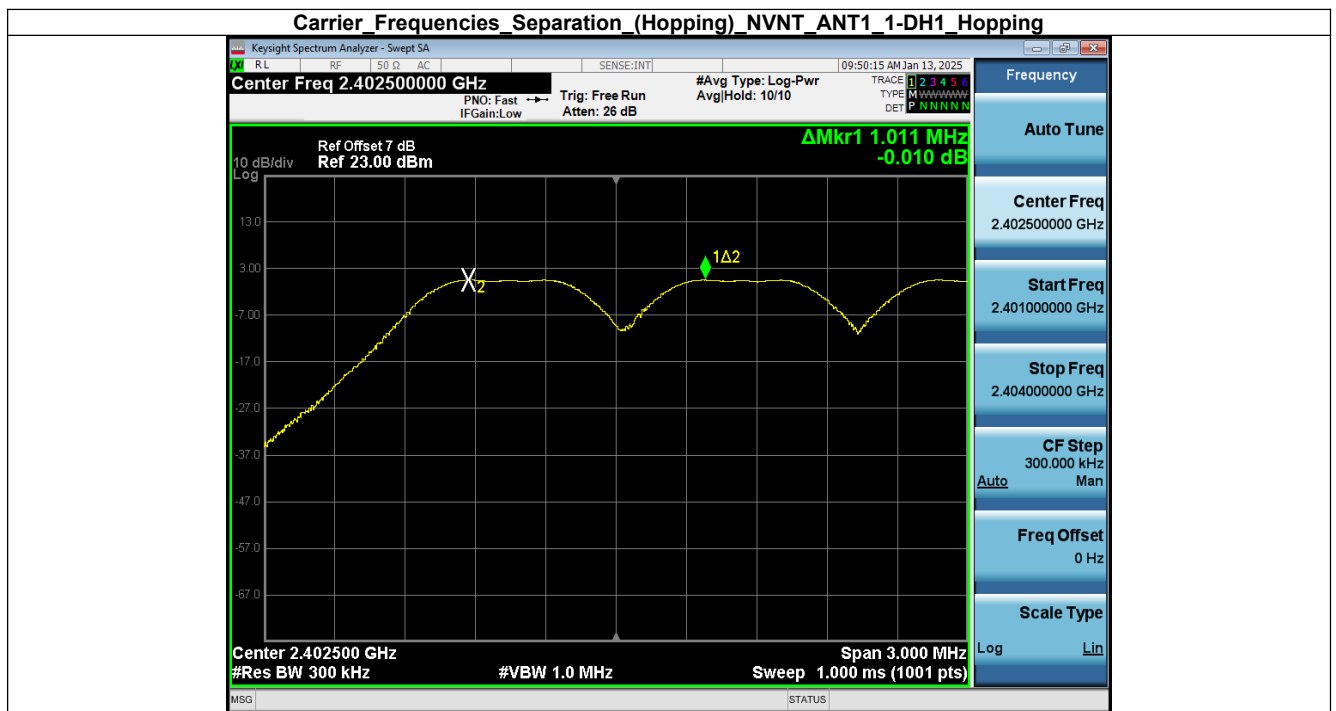


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

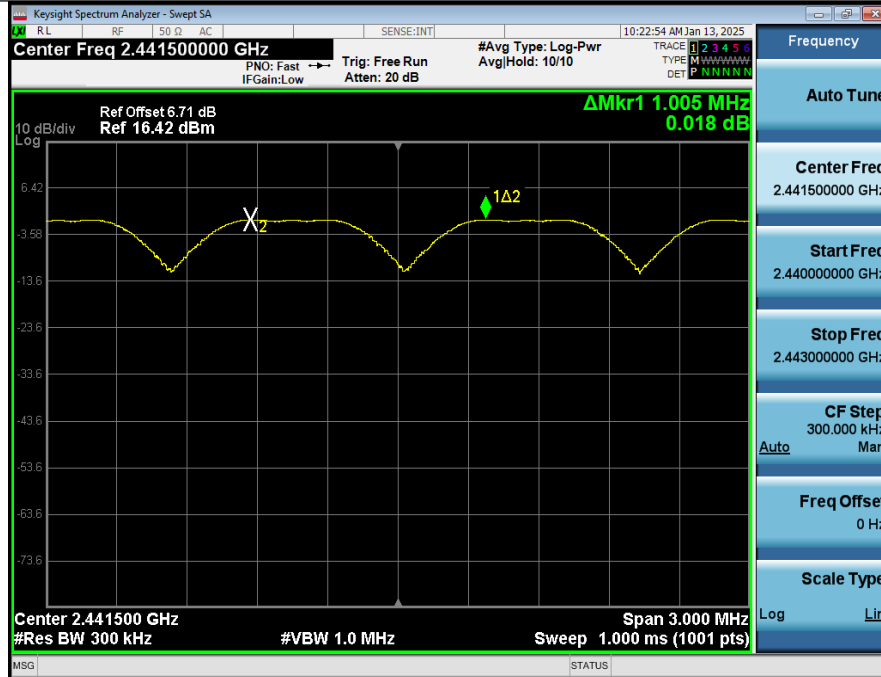


7. Carrier Frequencies Separation (Hopping)

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	2401.870	2402.881	1.01	0.879	Pass
NVNT	ANT1	1-DH1	2441.00	2440.870	2441.875	1.00	0.977	Pass
NVNT	ANT1	1-DH1	2480.00	2478.861	2480.187	1.33	0.925	Pass
NVNT	ANT1	2-DH1	2402.00	2401.879	2402.866	0.99	0.847	Pass
NVNT	ANT1	2-DH1	2441.00	2440.861	2441.863	1.00	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.864	2479.866	1.00	0.848	Pass
NVNT	ANT1	3-DH1	2402.00	2402.203	2403.205	1.00	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.867	2442.181	1.31	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.870	2480.184	1.31	0.831	Pass



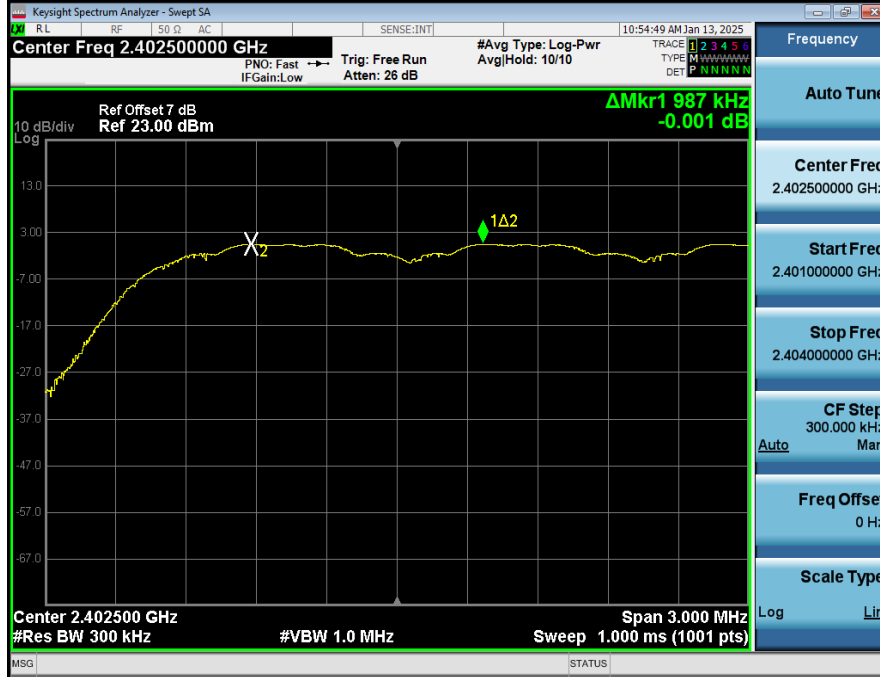
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



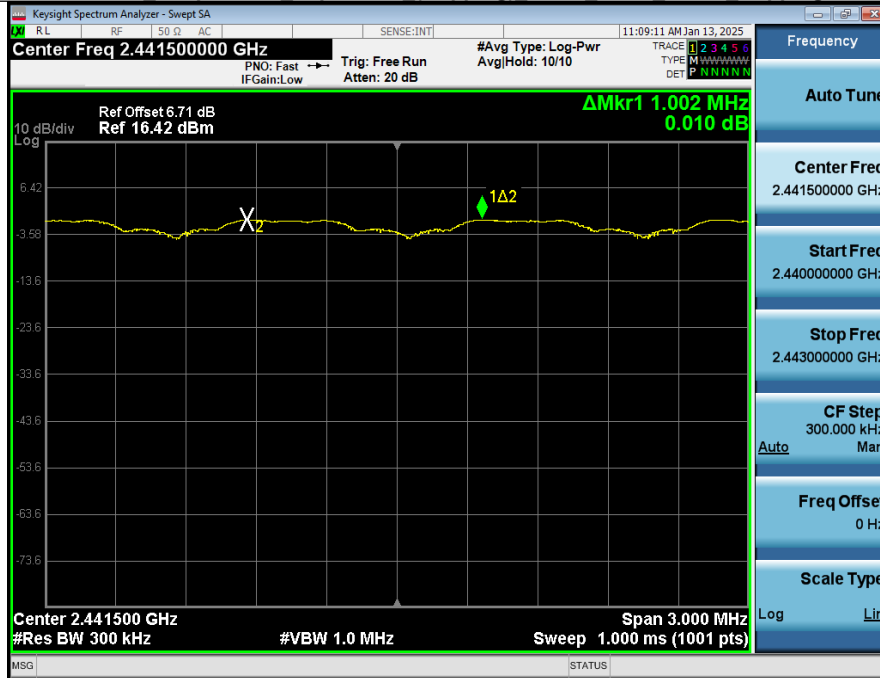
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



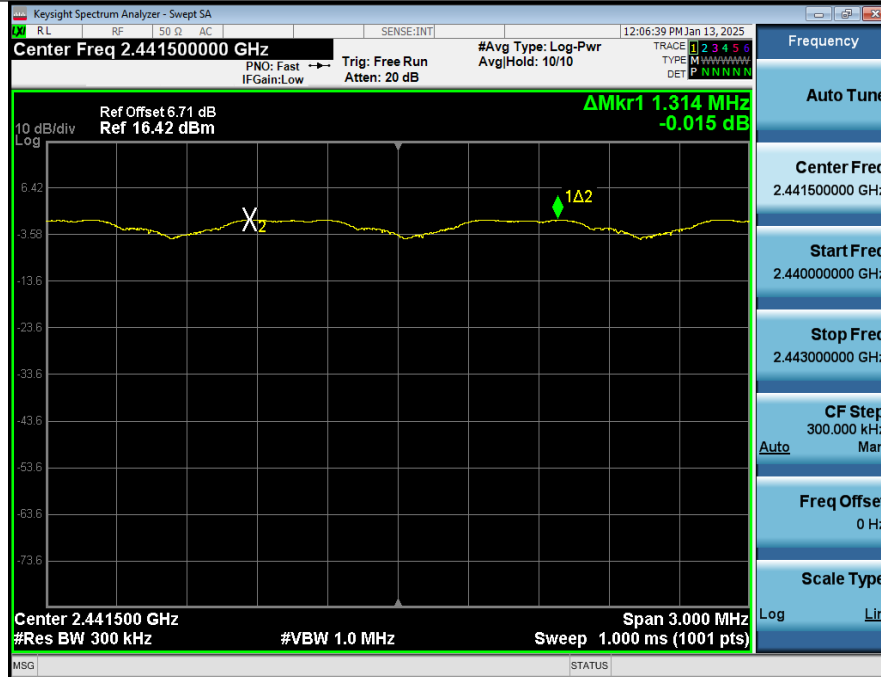
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

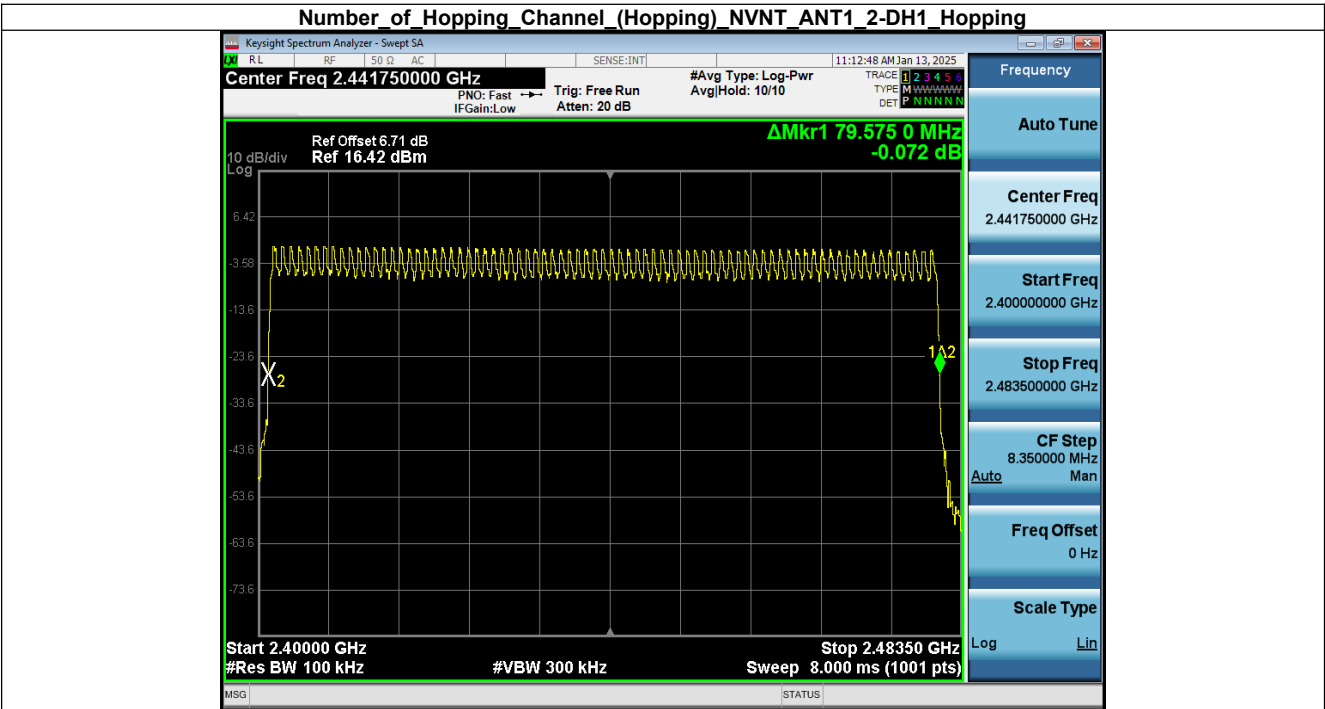
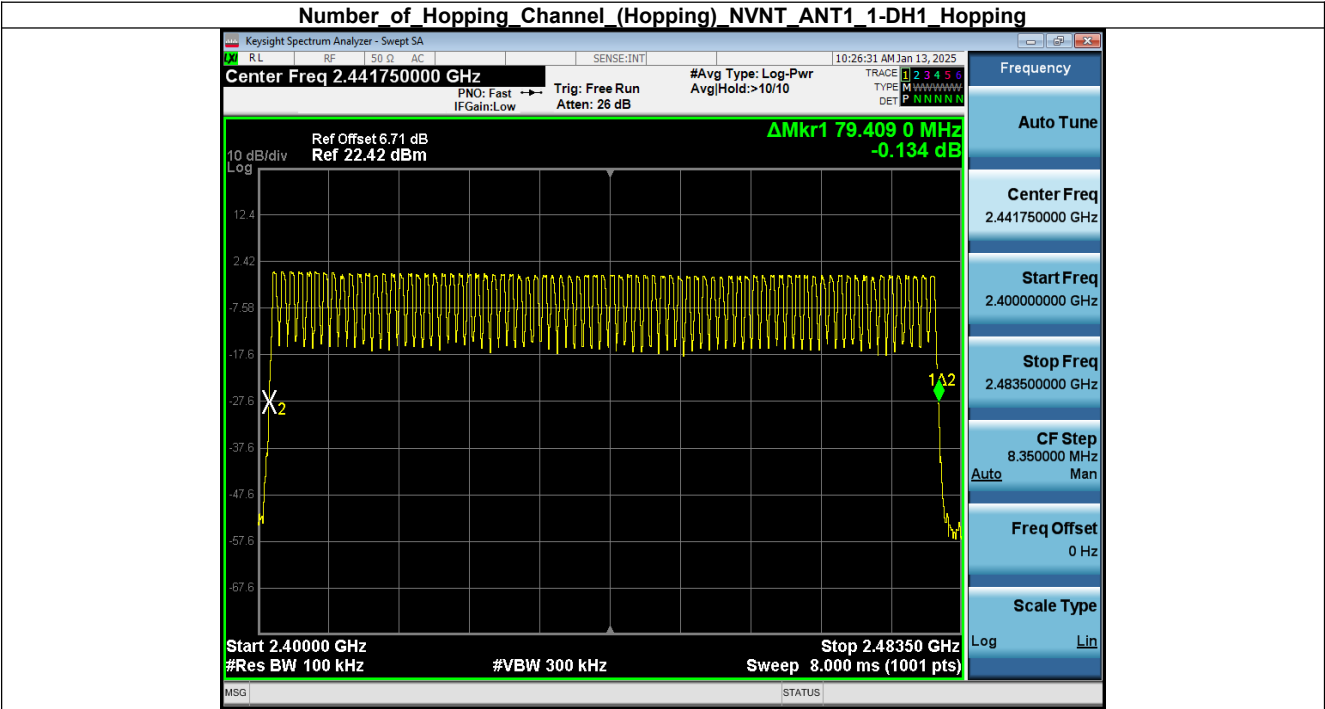


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

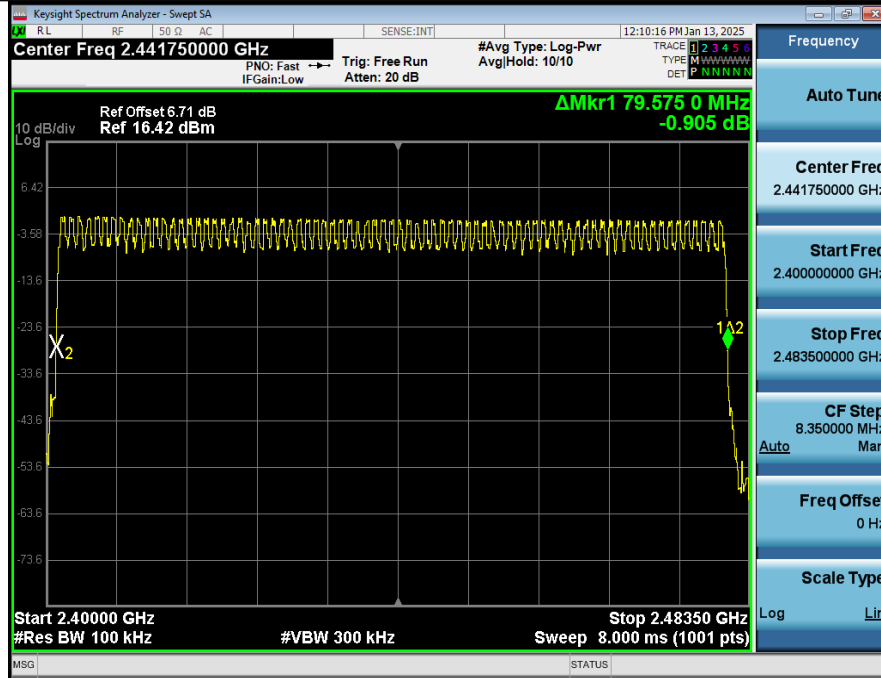


8. Number of Hopping Channel (Hopping)

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

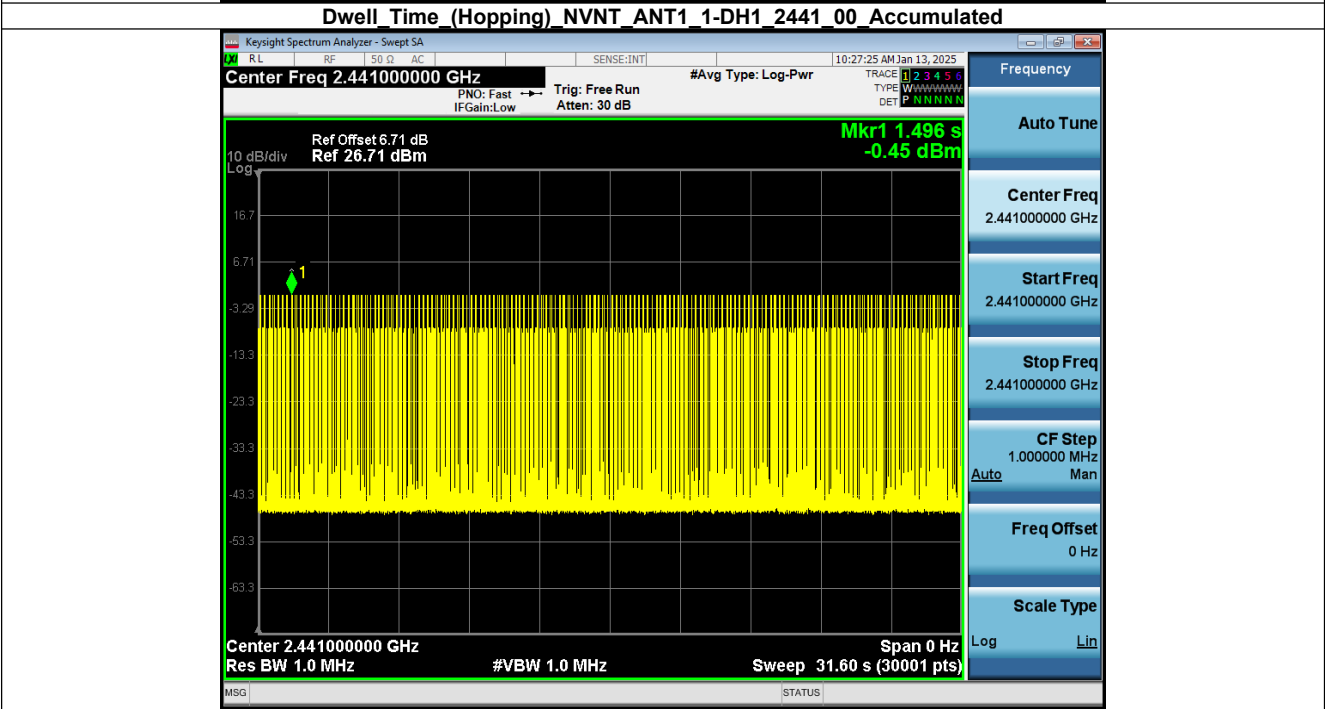
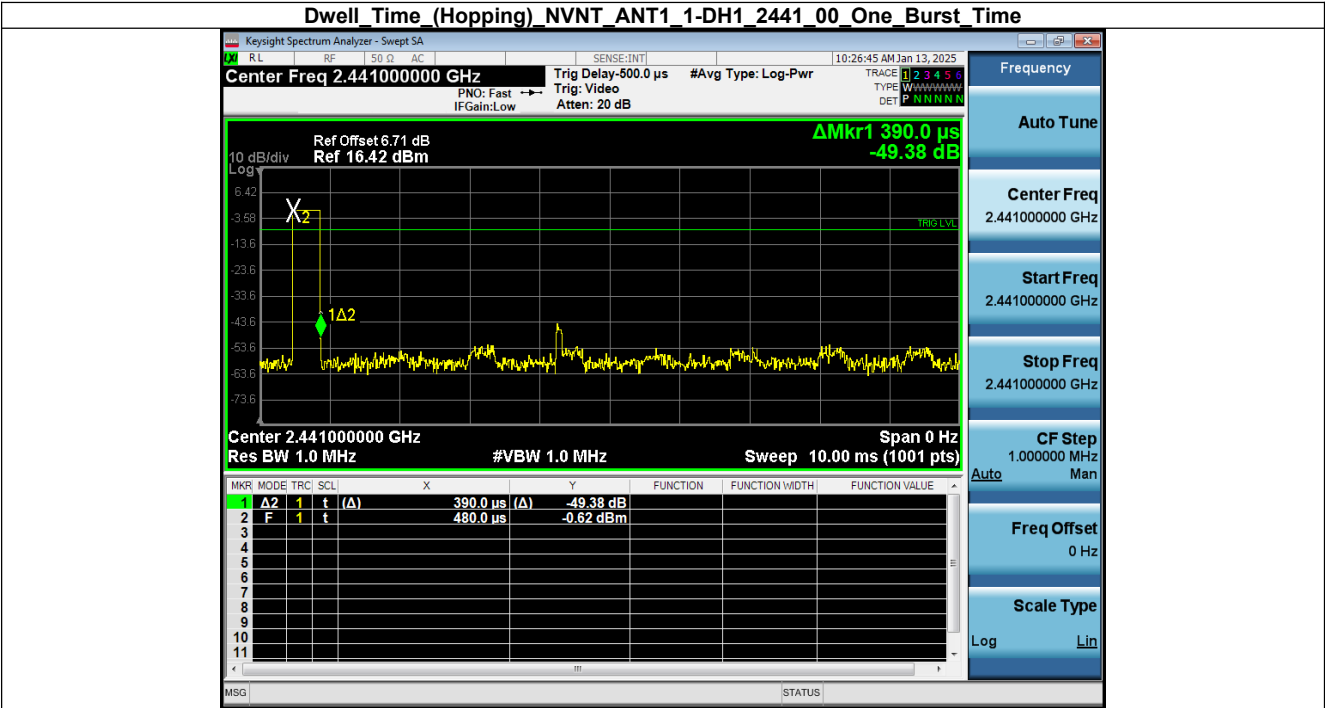


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

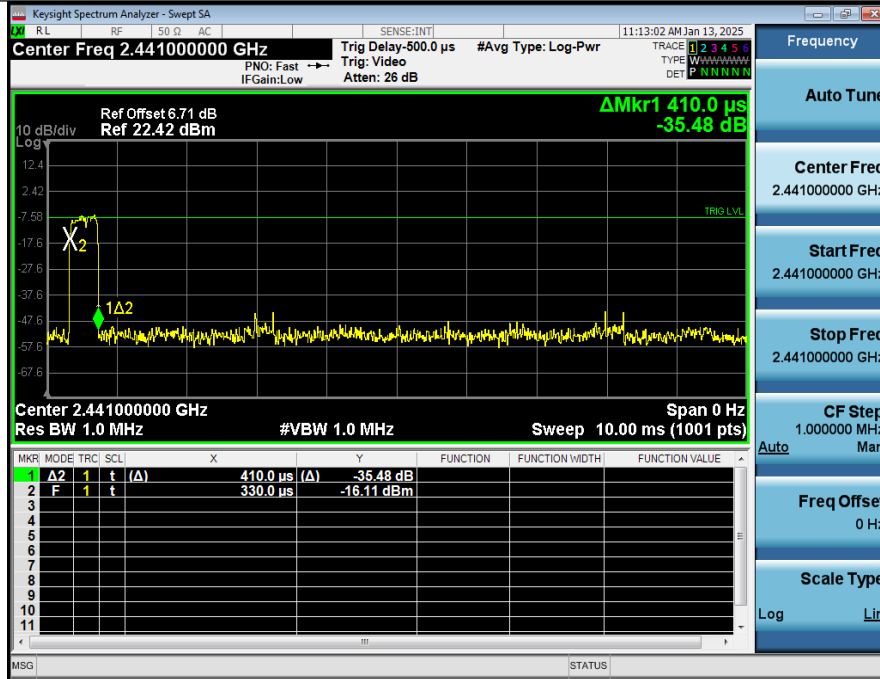


9. Dwell Time (Hopping)

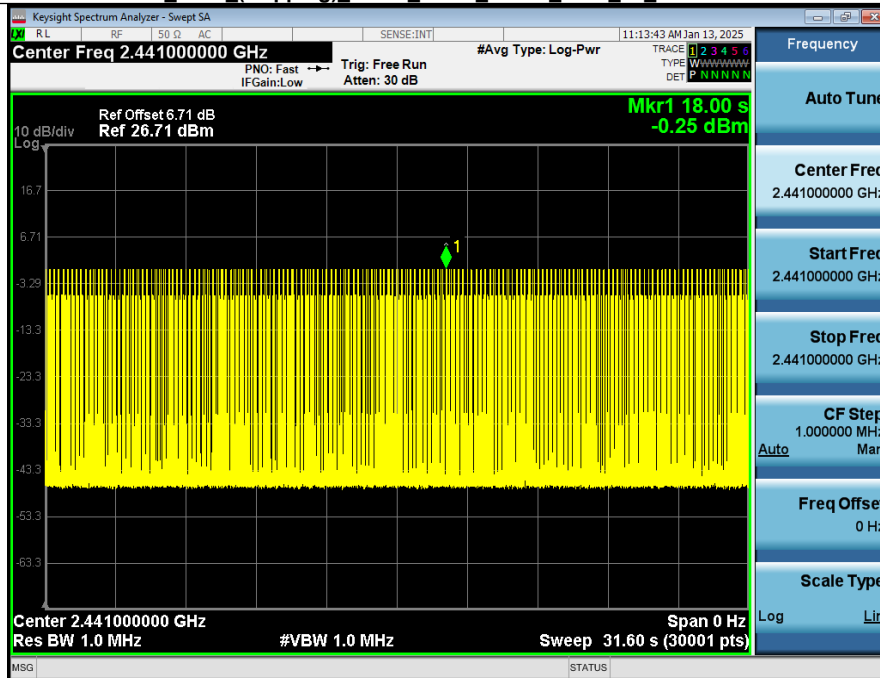
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	2-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	3-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	1-DH5	1.650	150.00	247.500	0.40	Pass
NVNT	ANT1	2-DH3	2.900	99.00	287.100	0.40	Pass
NVNT	ANT1	2-DH5	1.650	153.00	252.450	0.40	Pass
NVNT	ANT1	2-DH5	2.900	108.00	313.200	0.40	Pass
NVNT	ANT1	3-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	3-DH5	2.900	114.00	330.600	0.40	Pass



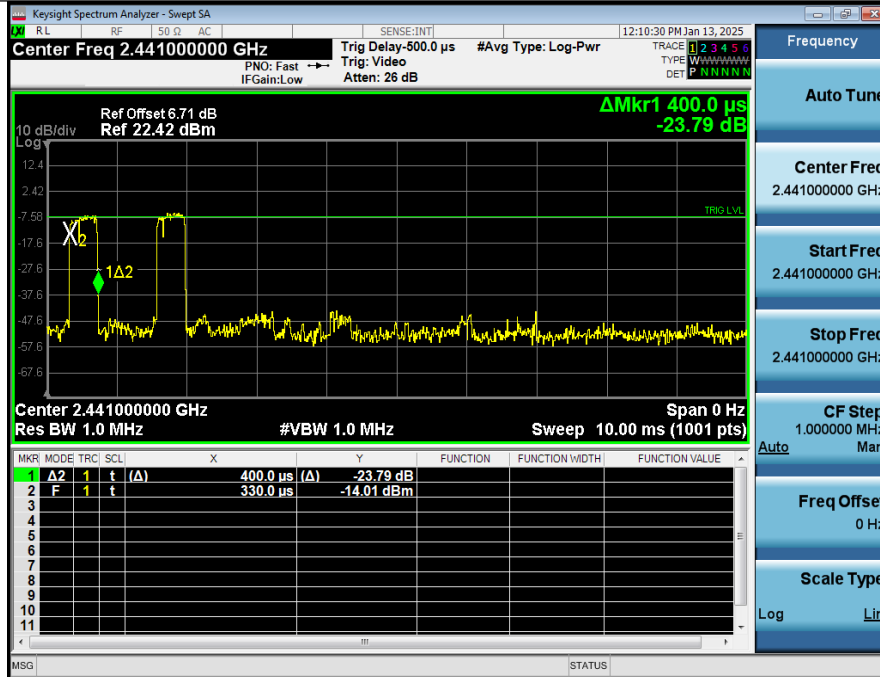
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



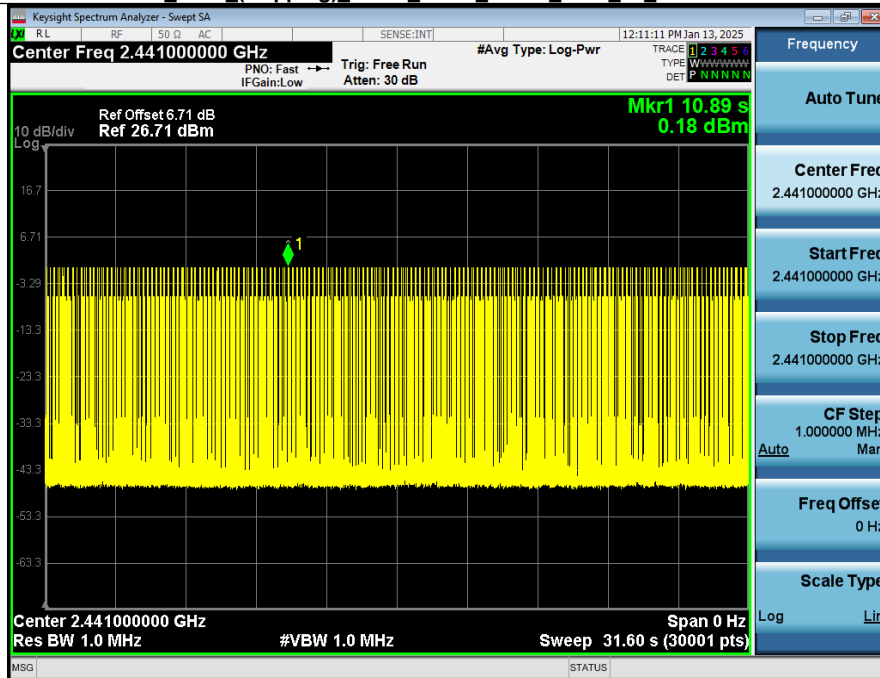
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



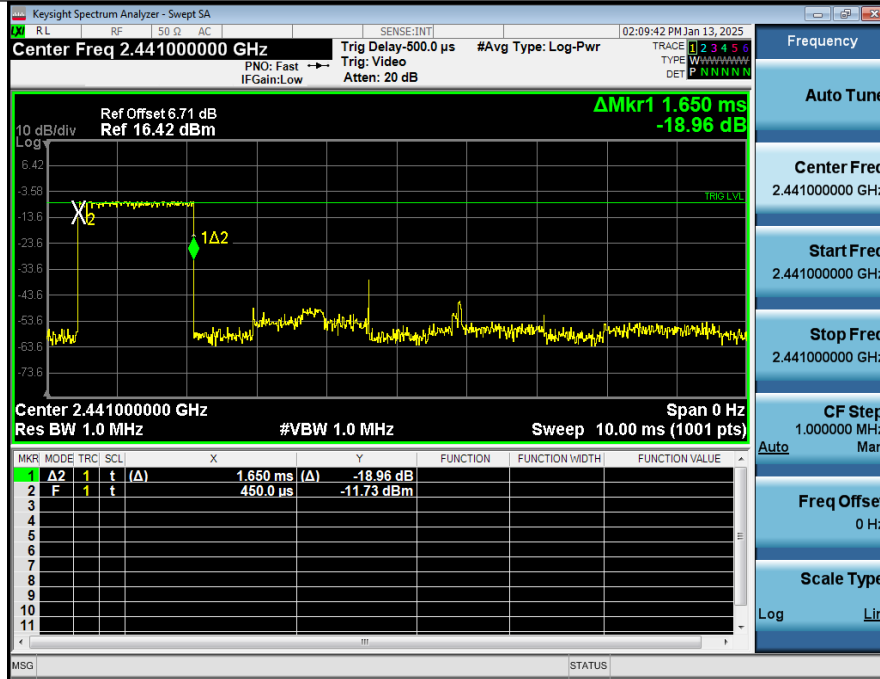
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One_Burst_Time



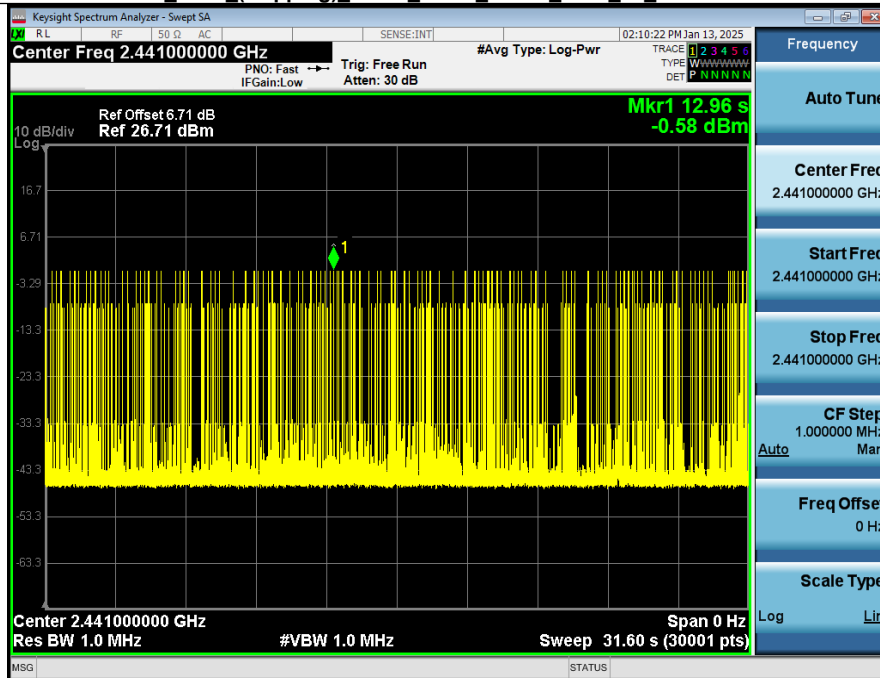
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



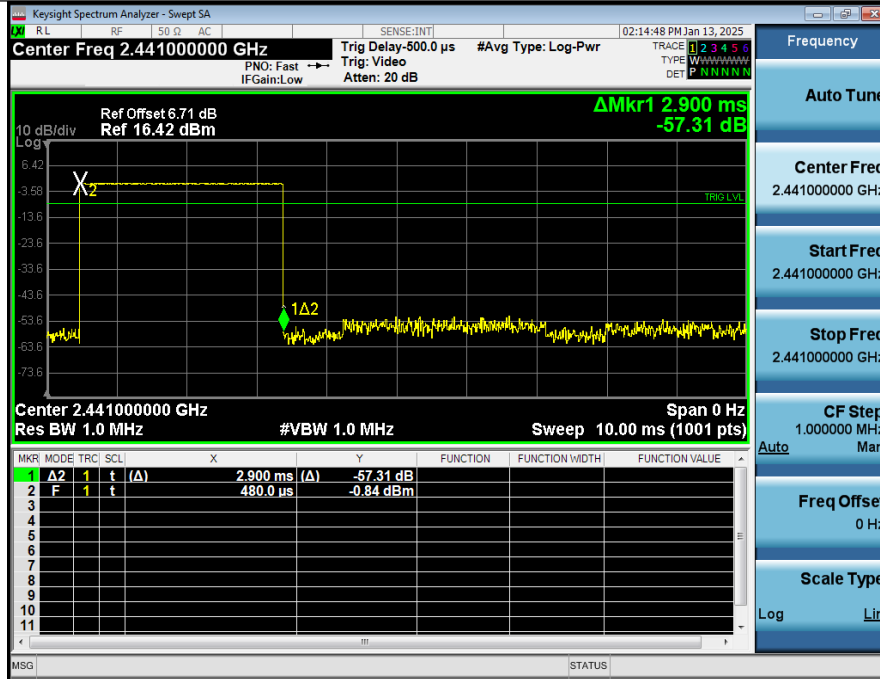
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



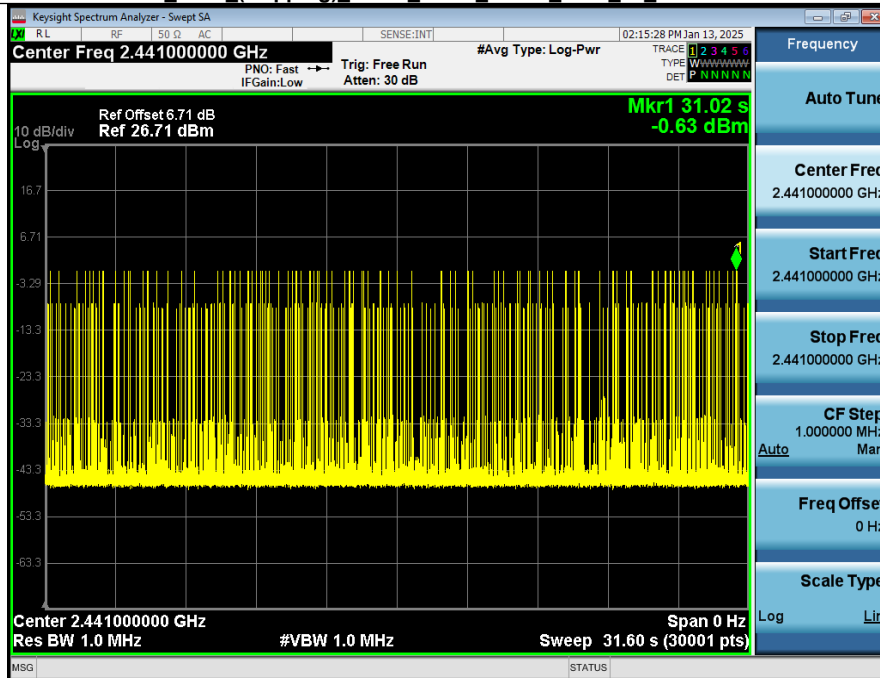
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



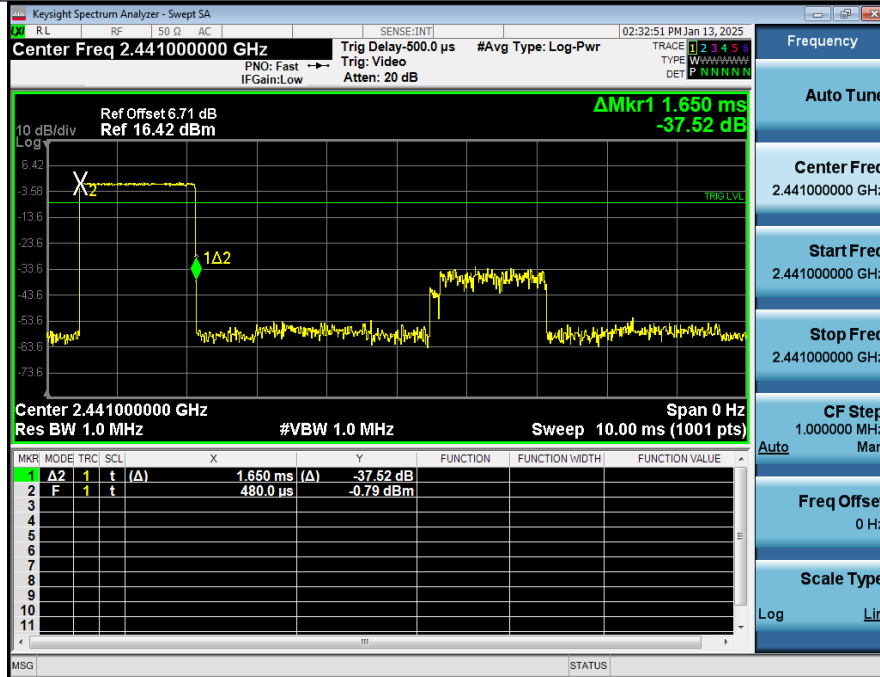
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



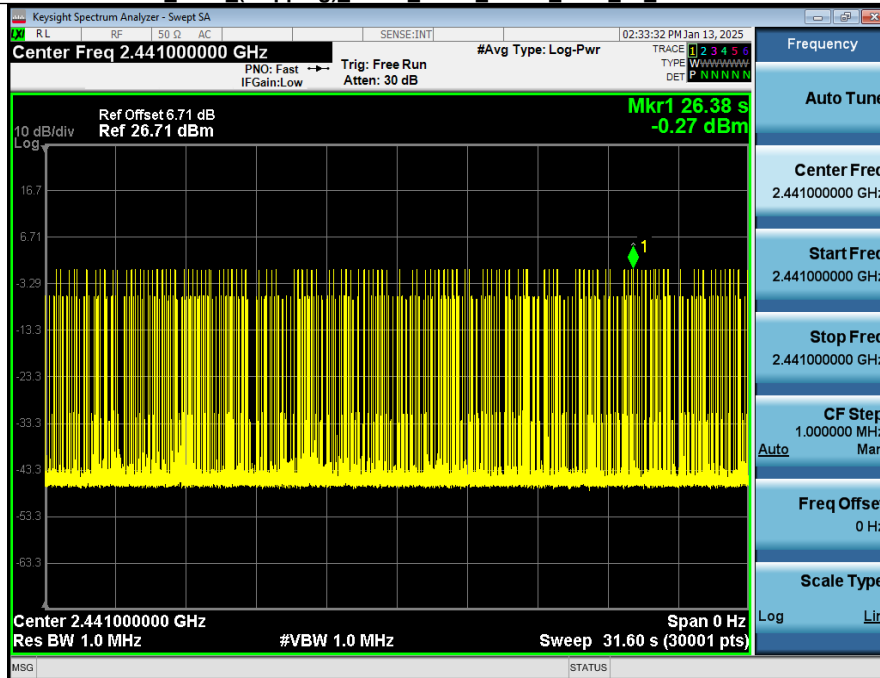
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



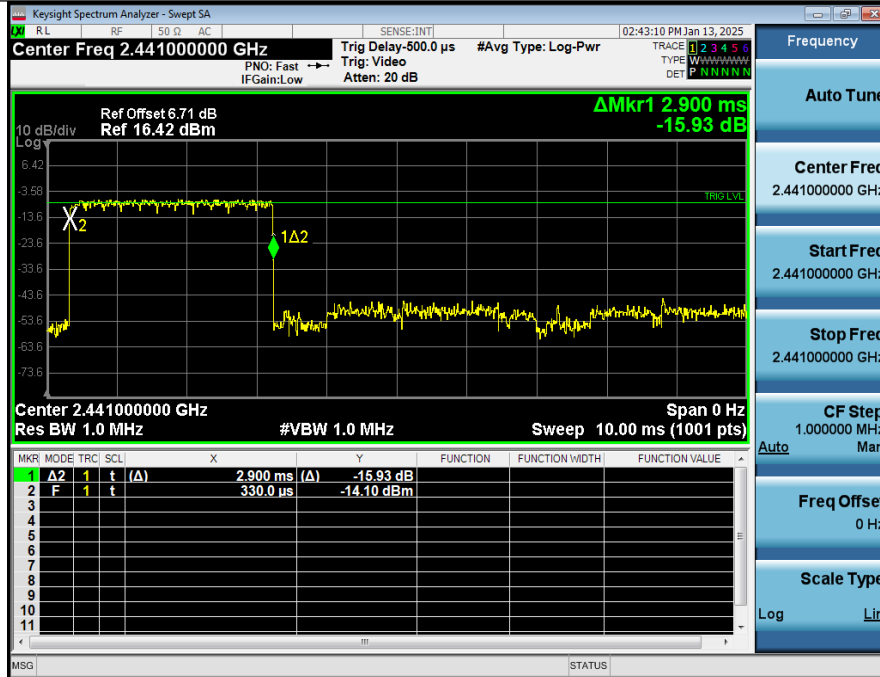
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



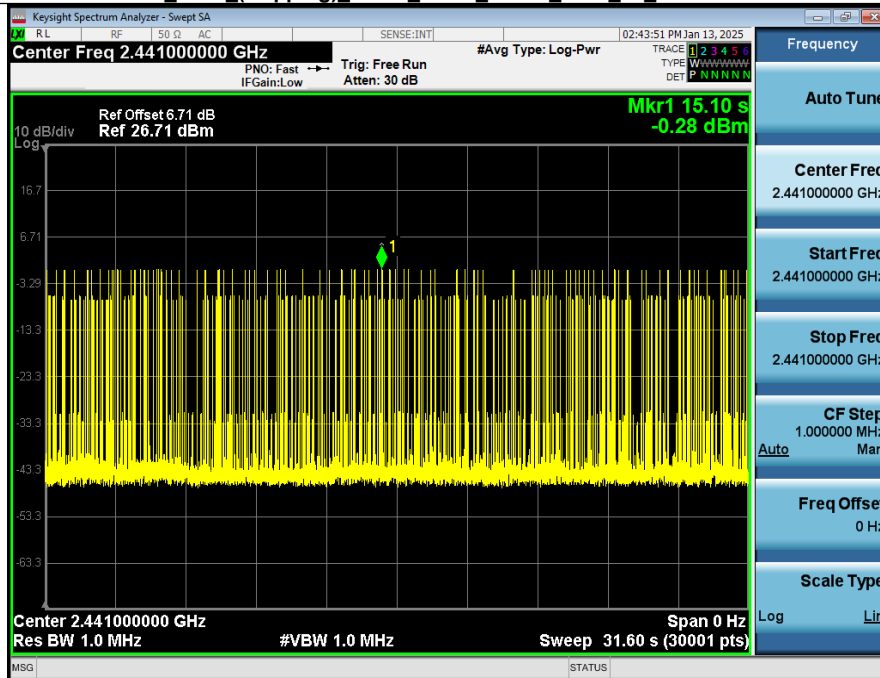
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



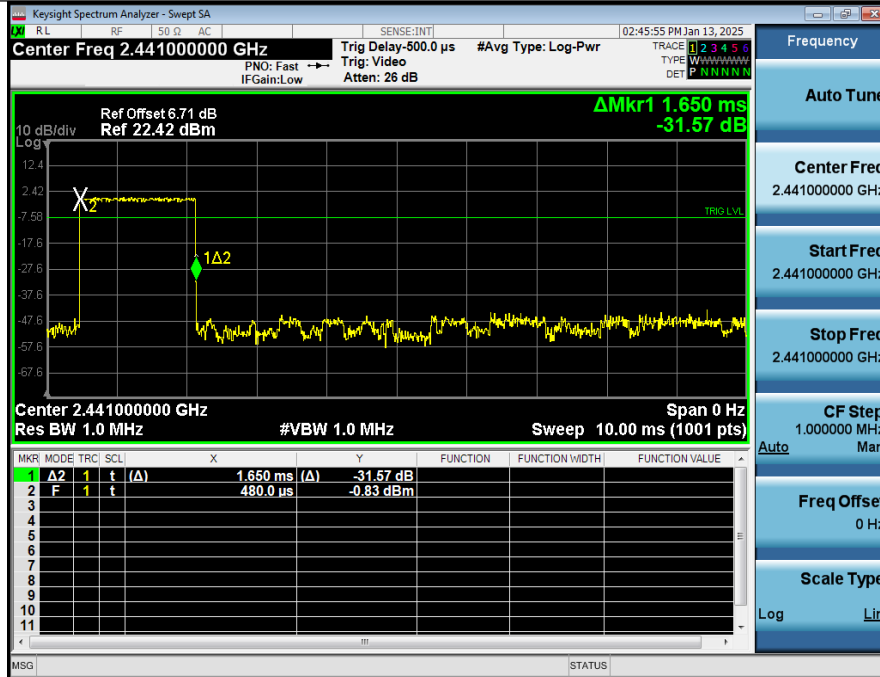
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



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

