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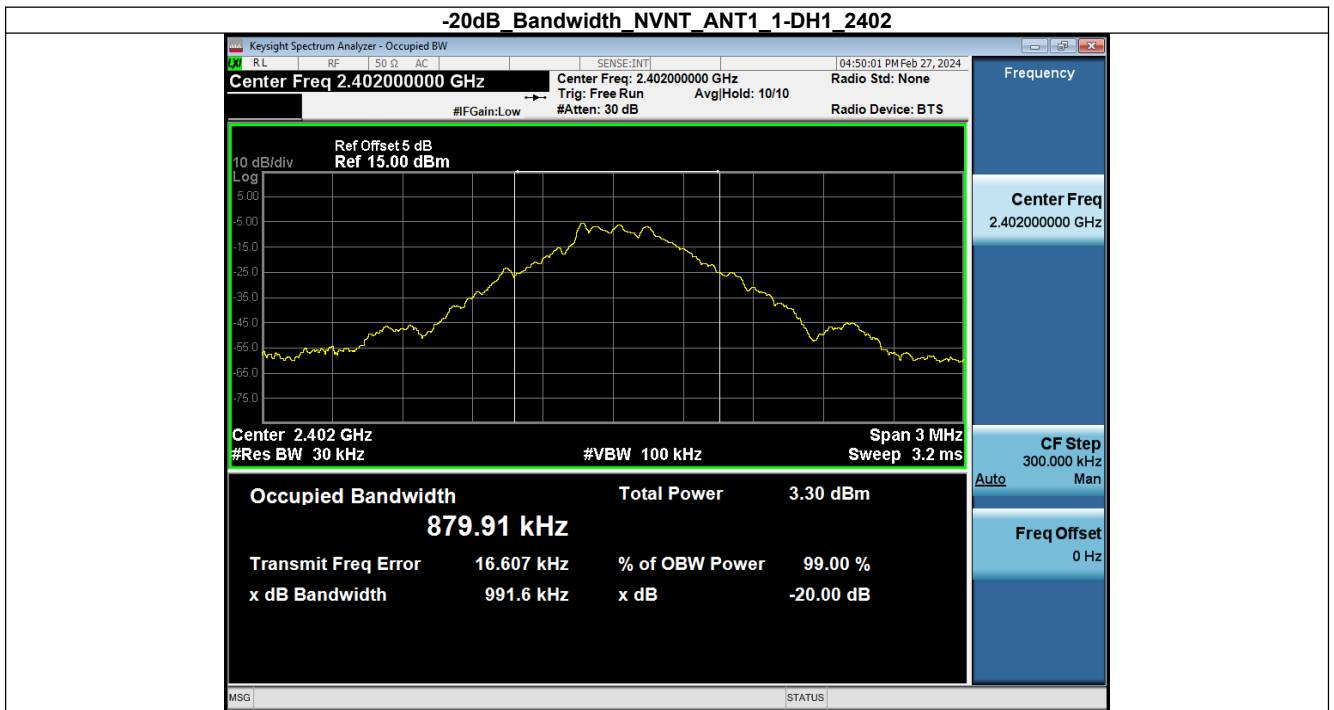
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FCC ID:2BE90-ZOOM98

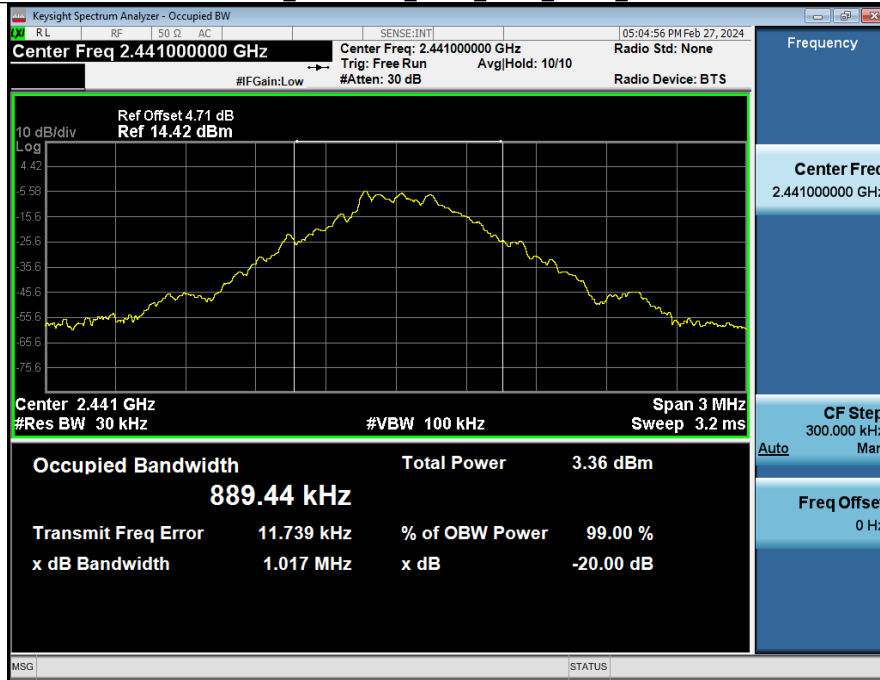
FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth

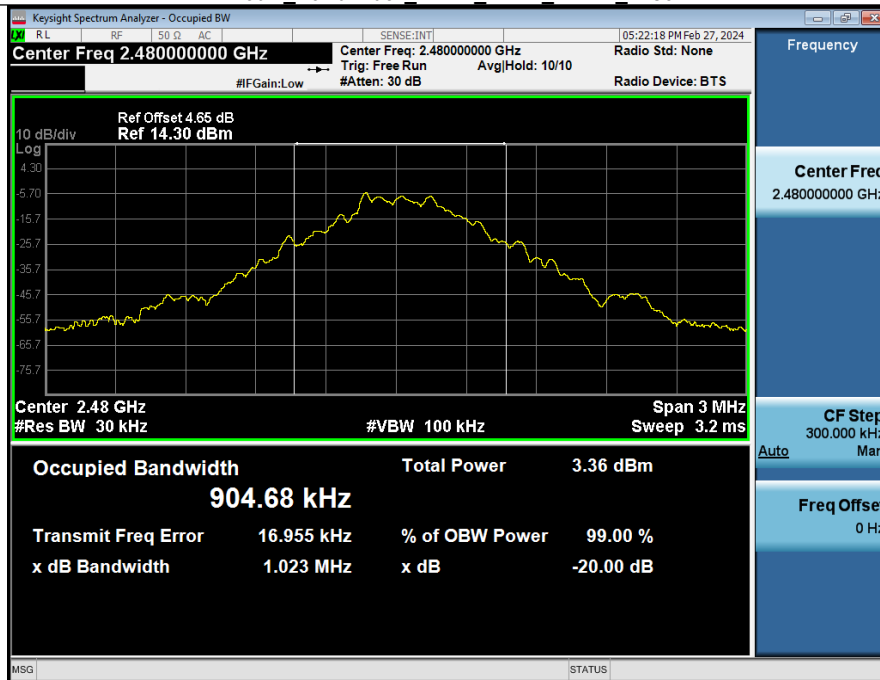
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.992	No
NVNT	ANT1	1-DH1	2441.00	1.017	Yes
NVNT	ANT1	1-DH1	2480.00	1.023	Yes
NVNT	ANT1	2-DH1	2402.00	1.290	Yes
HVNT	ANT1	2-DH1	2441.00	1.294	Yes
HVNT	ANT1	2-DH1	2480.00	1.286	Yes
HVNT	ANT1	3-DH1	2402.00	1.258	Yes
HVNT	ANT1	3-DH1	2441.00	1.255	Yes
HVNT	ANT1	3-DH1	2480.00	1.253	Yes



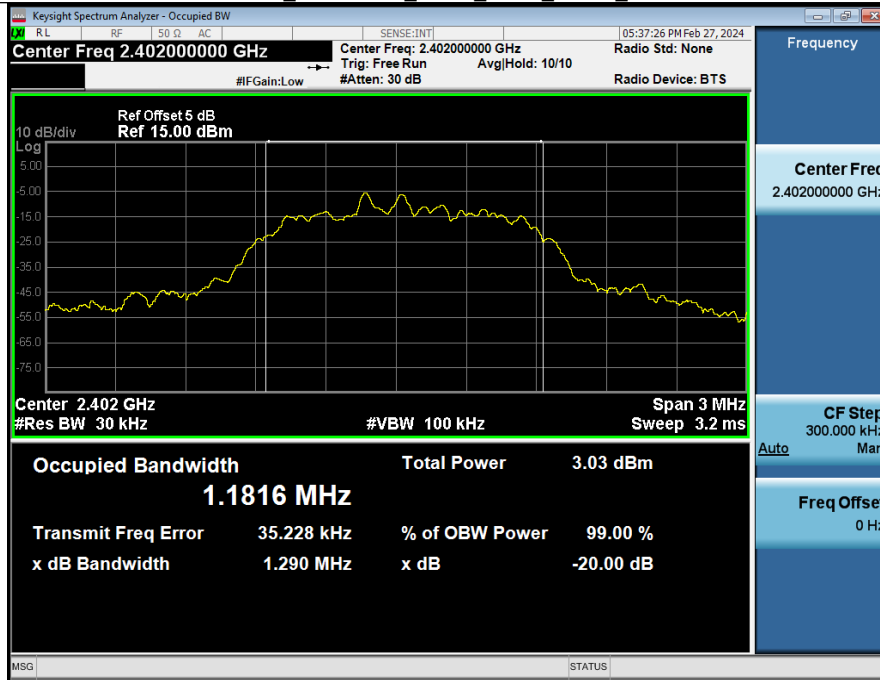
-20dB Bandwidth_NVNT_ANT1_1-DH1_2441



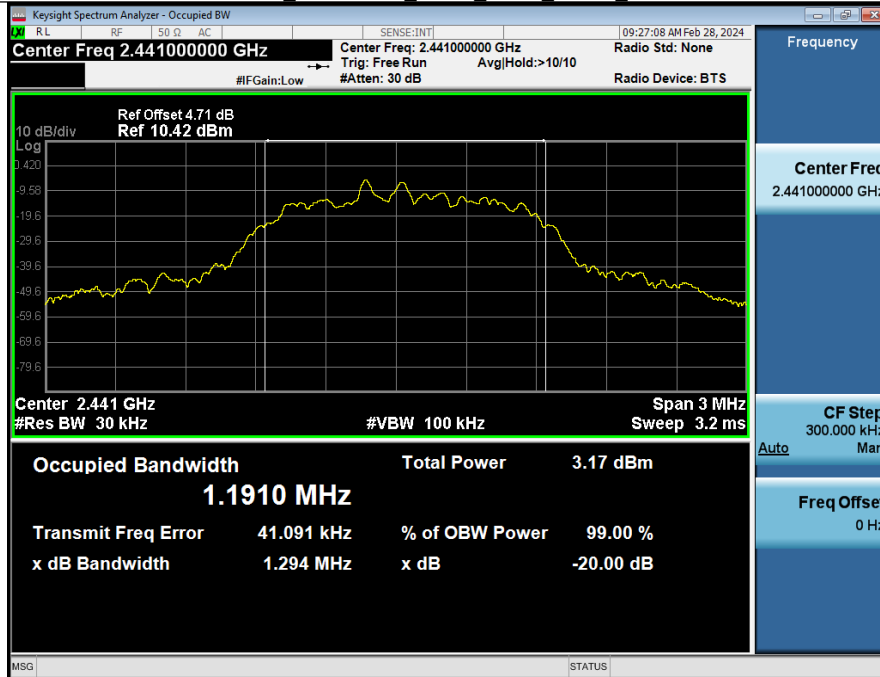
-20dB Bandwidth_NVNT_ANT1_1-DH1_2480



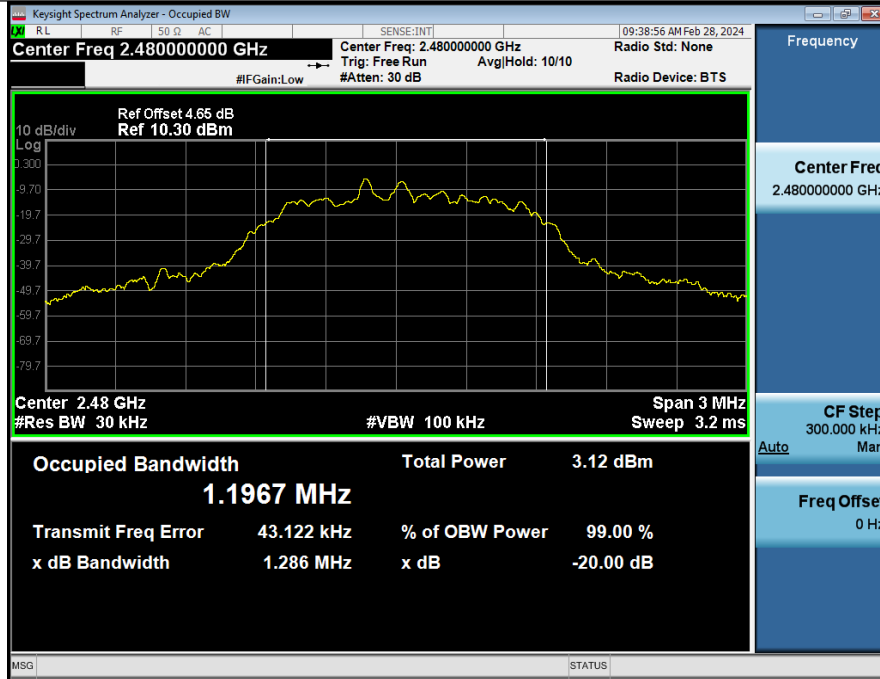
-20dB Bandwidth_NVNT_ANT1 2-DH1_2402



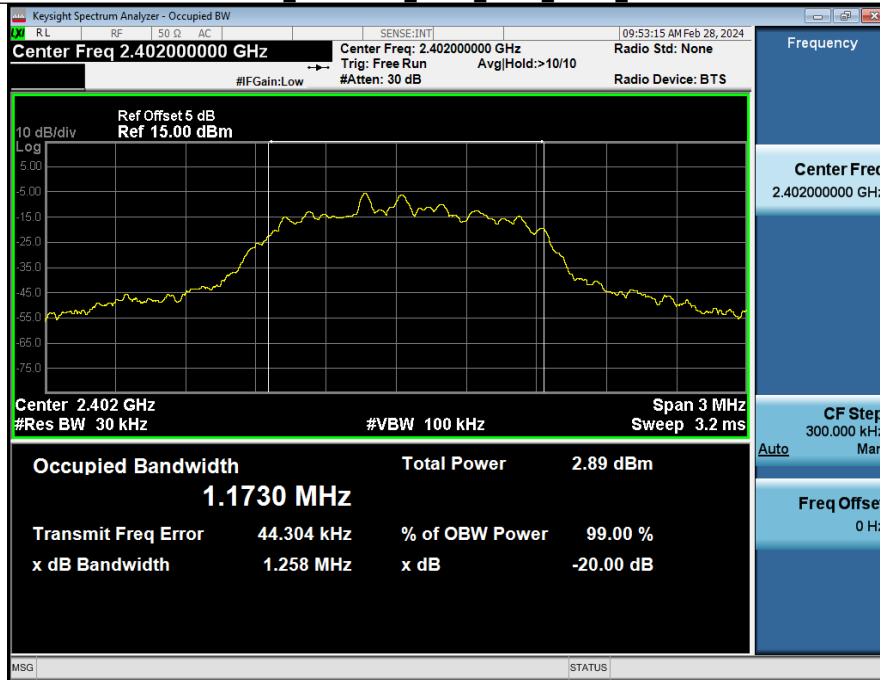
-20dB Bandwidth_HVNT_ANT1 2-DH1_2441



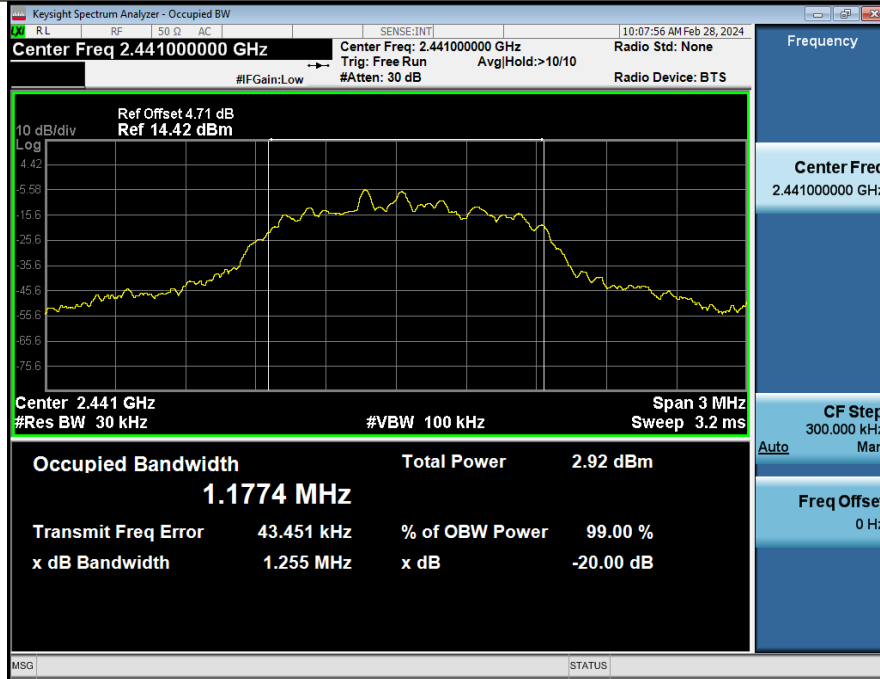
-20dB Bandwidth HVNT_ANT1_2-DH1_2480



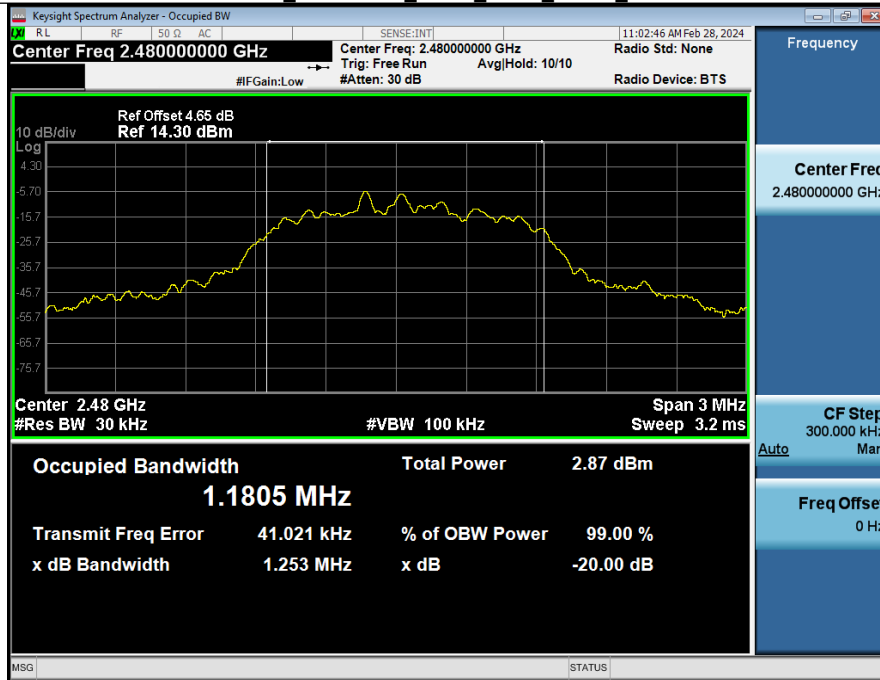
-20dB Bandwidth HVNT_ANT1_3-DH1_2402



-20dB Bandwidth HVNT_ANT1_3-DH1_2441

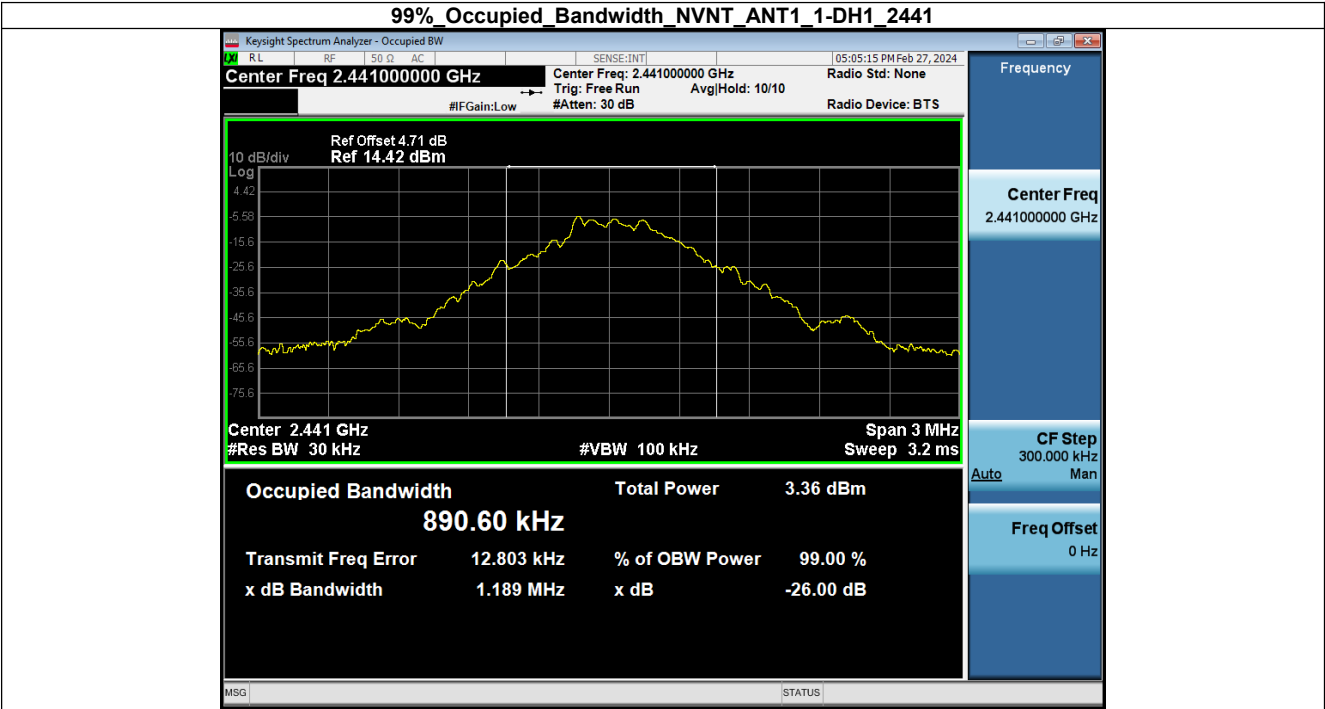
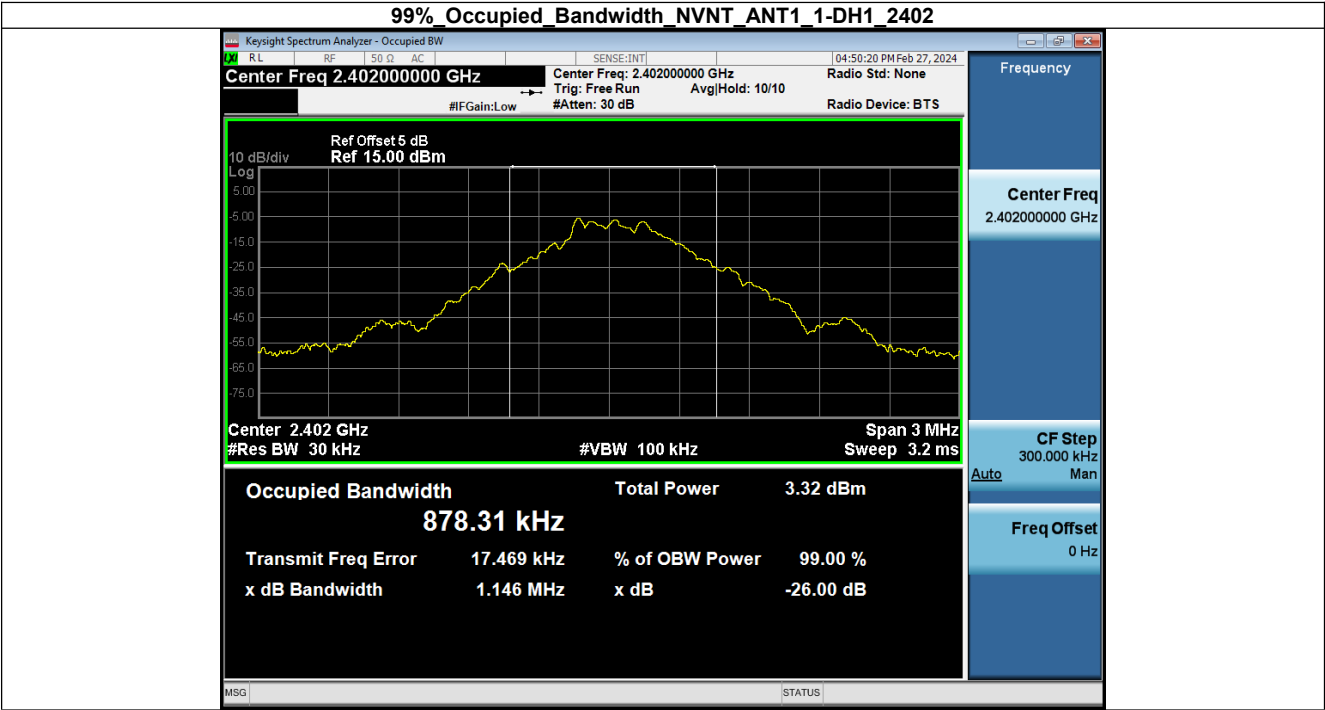


-20dB Bandwidth HVNT_ANT1_3-DH1_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.878
NVNT	ANT1	1-DH1	2441.00	0.891
NVNT	ANT1	1-DH1	2480.00	0.903
NVNT	ANT1	2-DH1	2402.00	1.182
HVNT	ANT1	2-DH1	2441.00	1.192
HVNT	ANT1	2-DH1	2480.00	1.195
HVNT	ANT1	3-DH1	2402.00	1.172
HVNT	ANT1	3-DH1	2441.00	1.178
HVNT	ANT1	3-DH1	2480.00	1.181



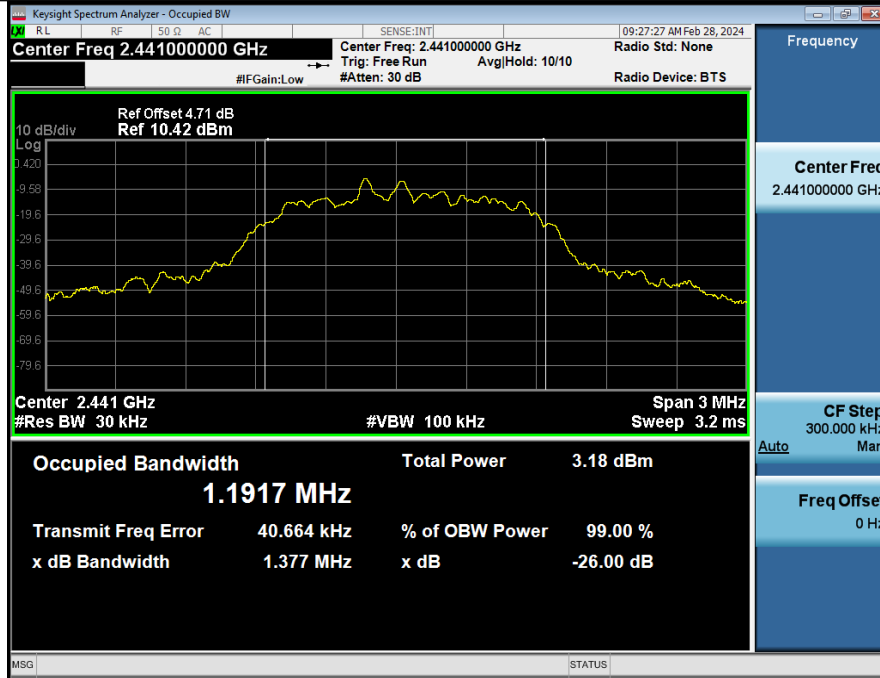
99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2480



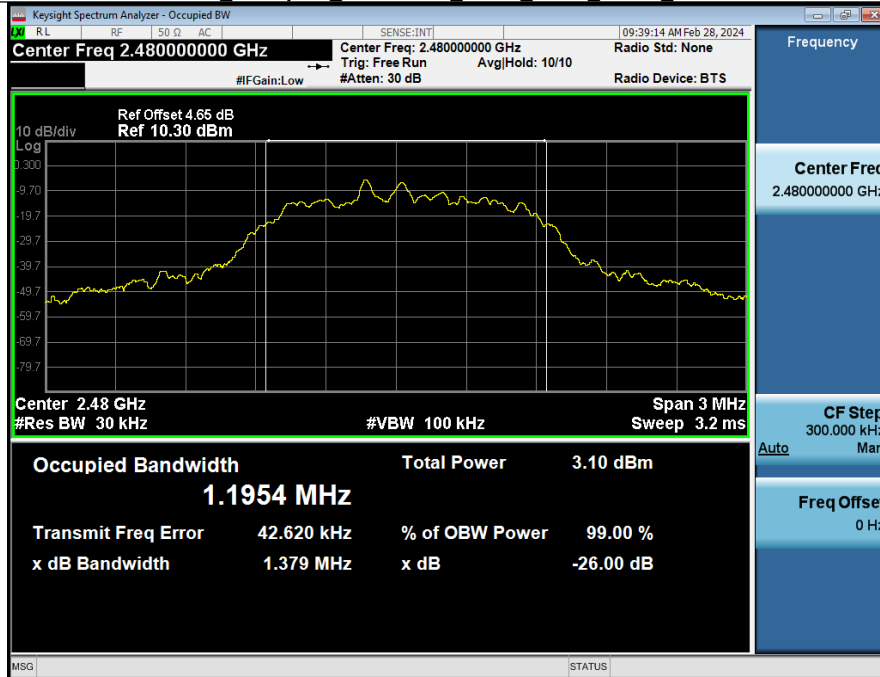
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2402



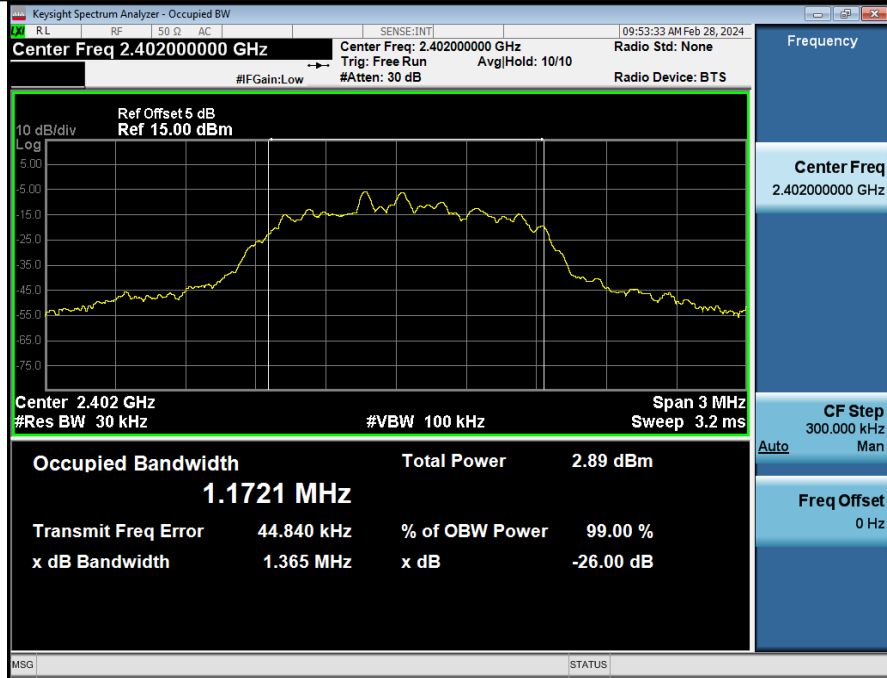
99% Occupied Bandwidth_HVNT_ANT1_2-DH1_2441



99% Occupied Bandwidth_HVNT_ANT1_2-DH1_2480



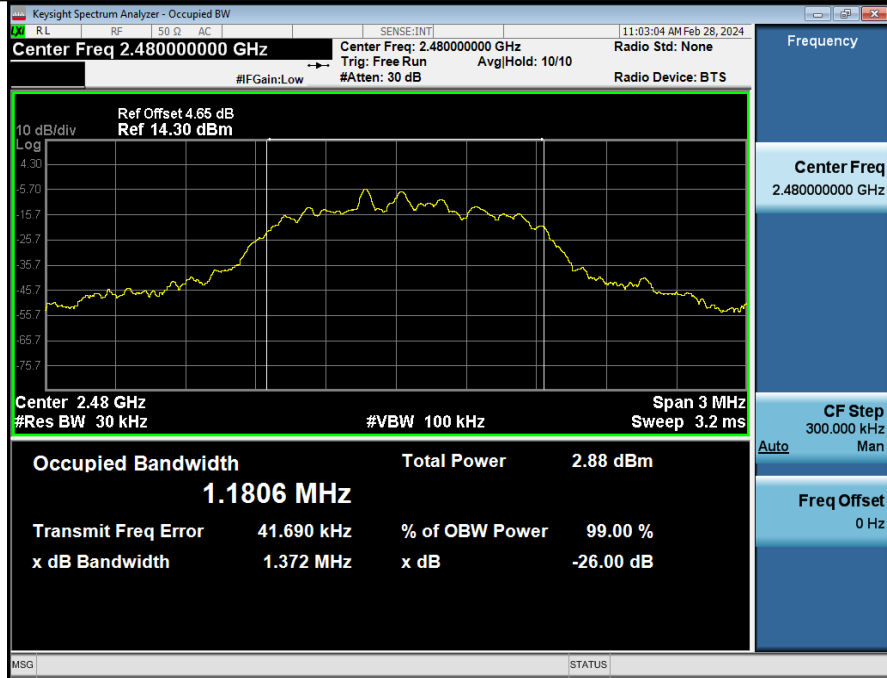
99% Occupied Bandwidth HVNT_ANT1 3-DH1_2402



99% Occupied Bandwidth HVNT_ANT1 3-DH1_2441

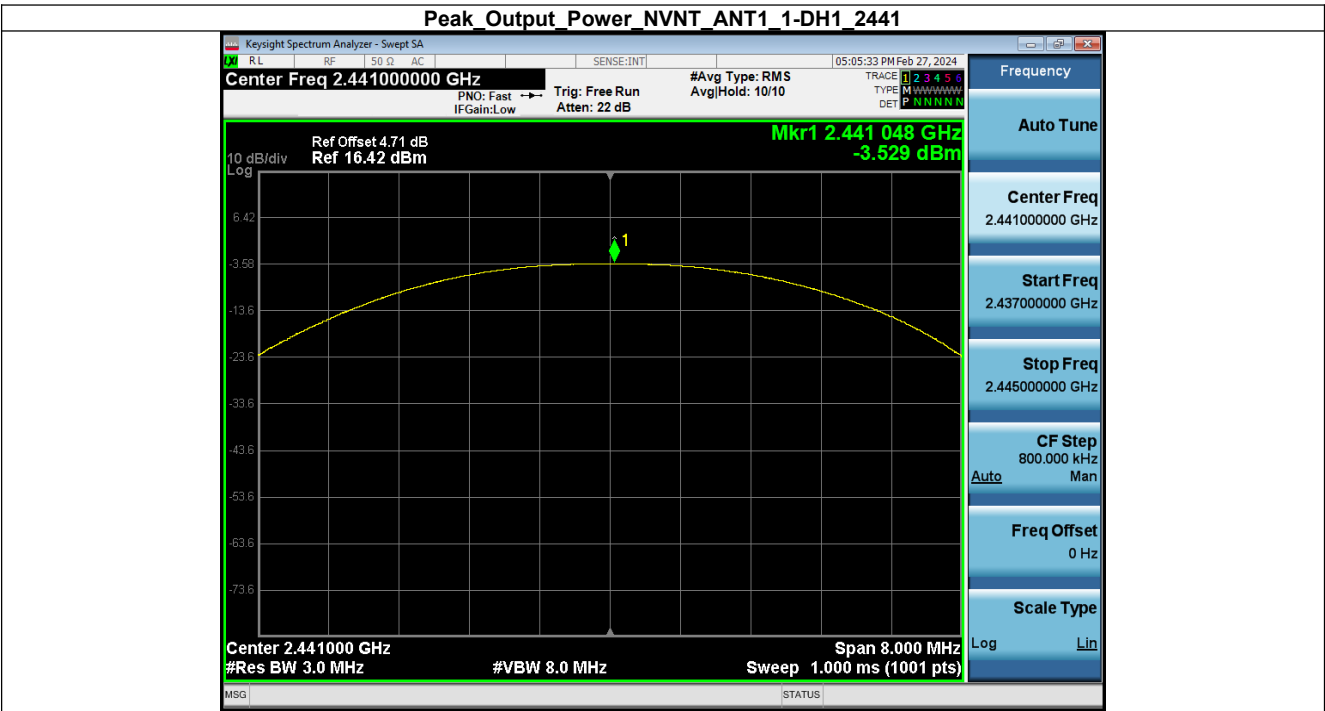
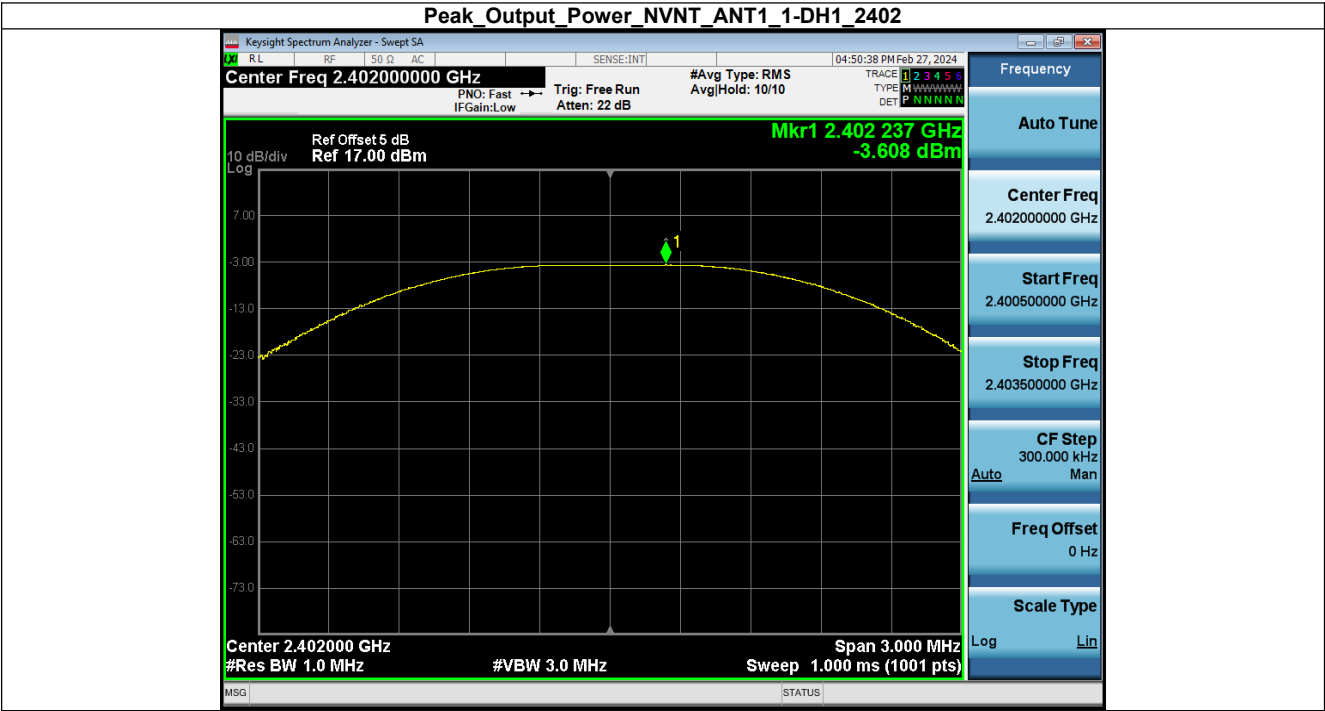


99% Occupied Bandwidth_HVNT_ANT1_3-DH1_2480

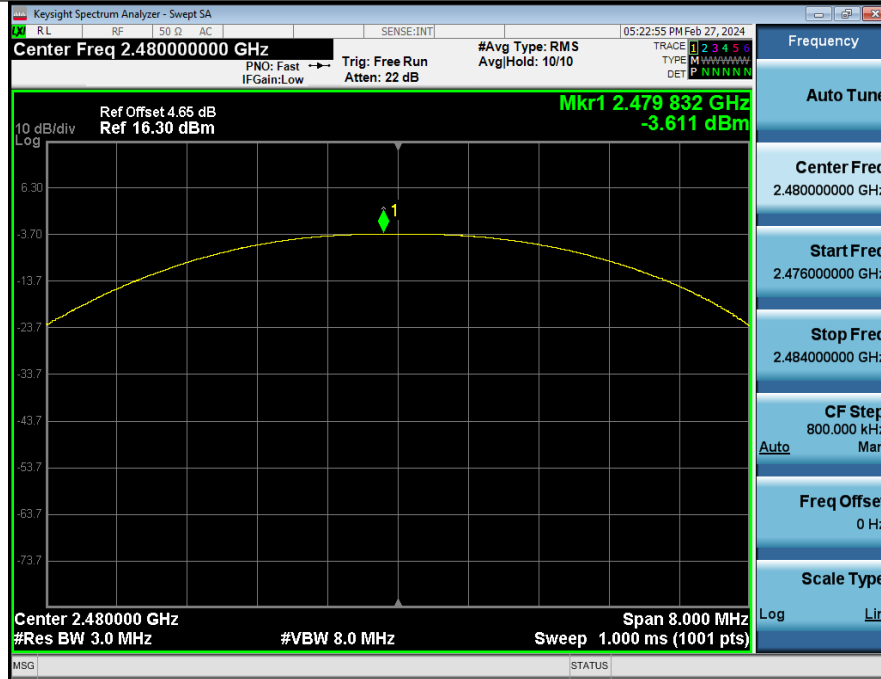


3. Peak Output Power

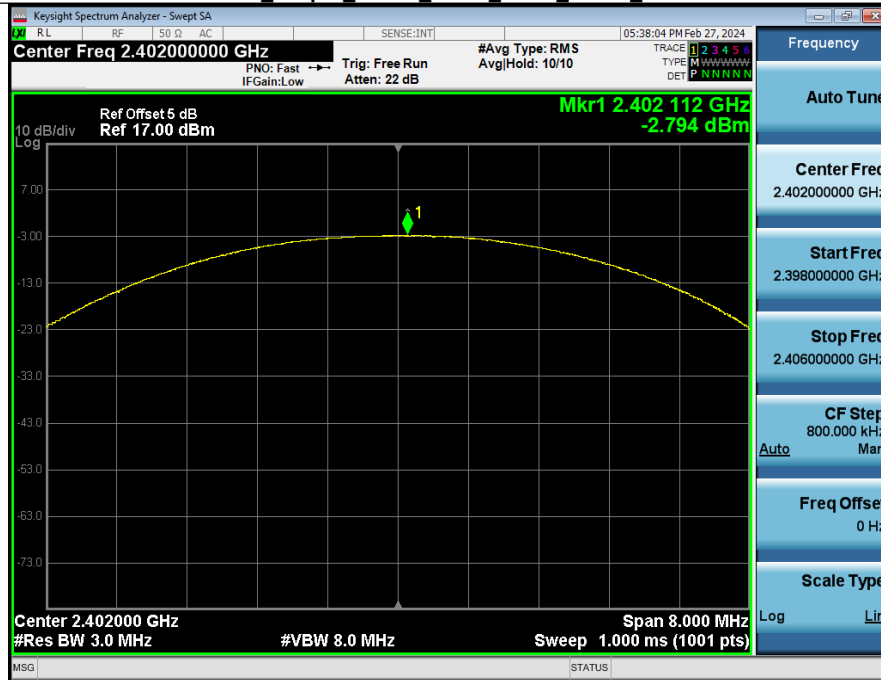
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-3.61	0.44	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-3.53	0.44	125	Pass
NVNT	ANT1	1-DH1	2480.00	-3.61	0.44	125	Pass
NVNT	ANT1	2-DH1	2402.00	-2.79	0.53	125	Pass
HVNT	ANT1	2-DH1	2441.00	-2.55	0.56	125	Pass
HVNT	ANT1	2-DH1	2480.00	-2.67	0.54	125	Pass
HVNT	ANT1	3-DH1	2402.00	-2.12	0.61	125	Pass
HVNT	ANT1	3-DH1	2441.00	-2.10	0.62	125	Pass
HVNT	ANT1	3-DH1	2480.00	-2.23	0.60	125	Pass



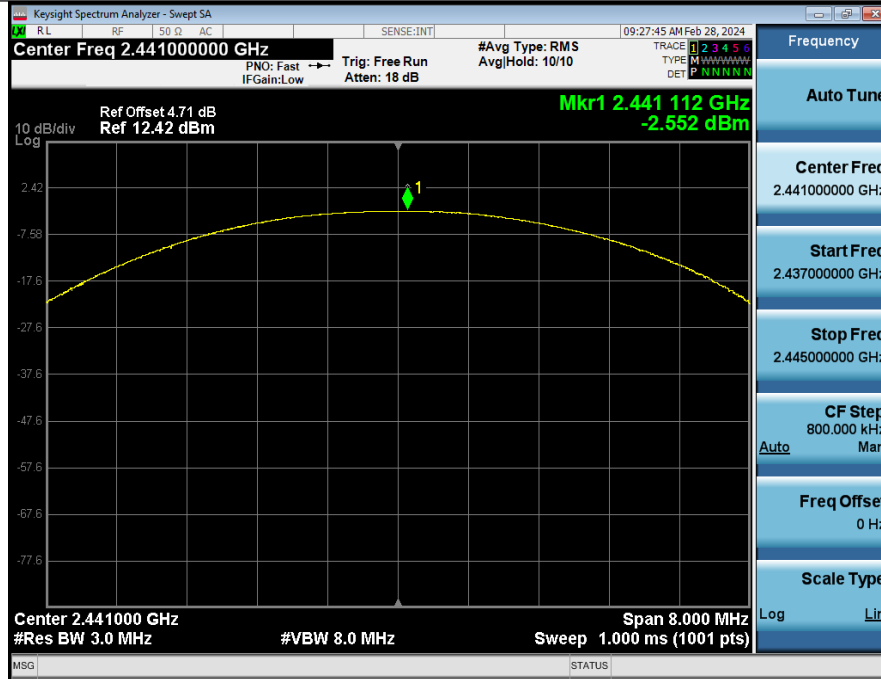
Peak_Output_Power_NVNT_ANT1_1-DH1_2480



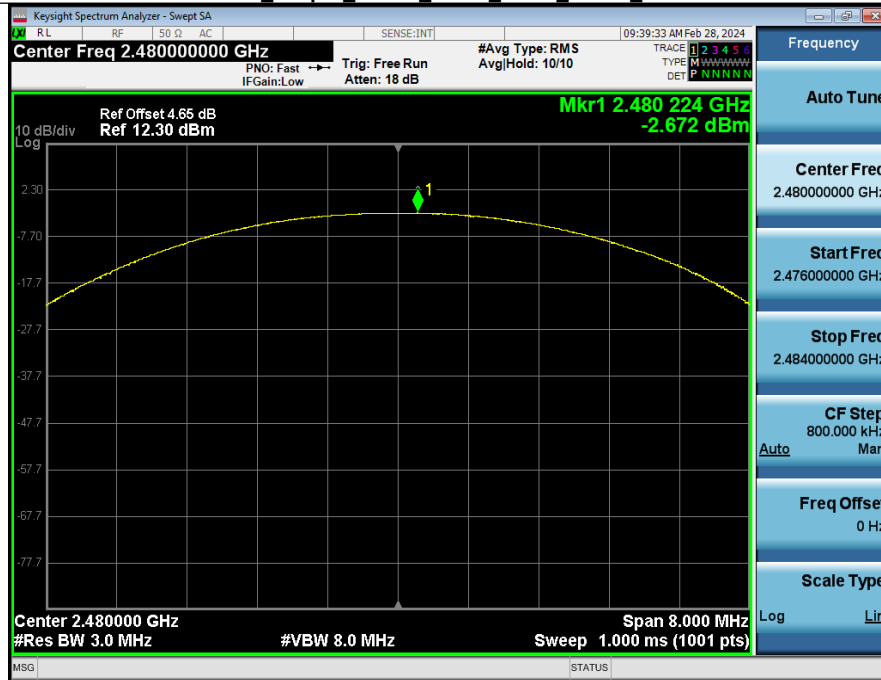
Peak_Output_Power_NVNT_ANT1_2-DH1_2402



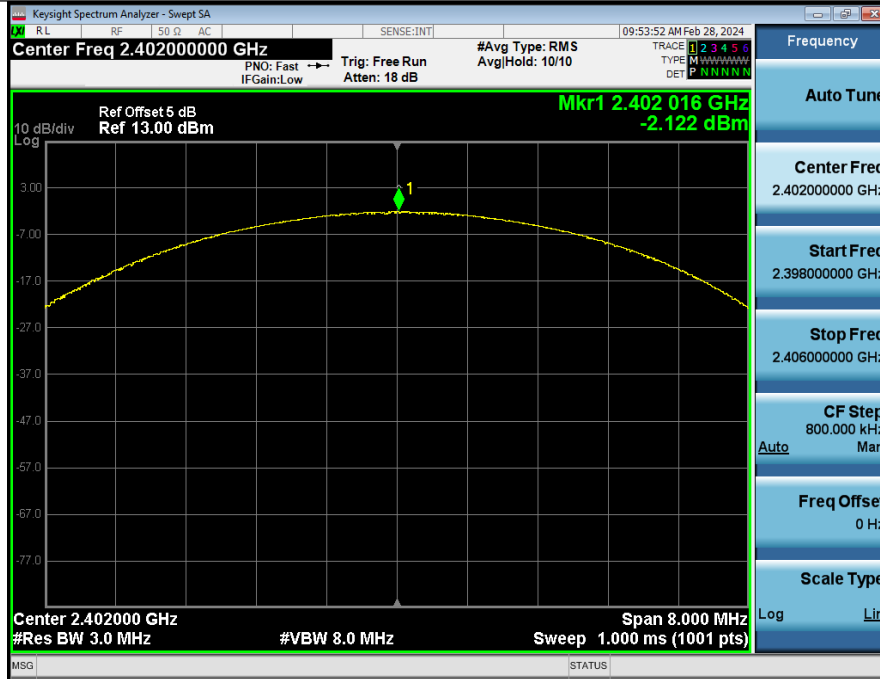
Peak Output Power_HVNT_ANT1_2-DH1_2441



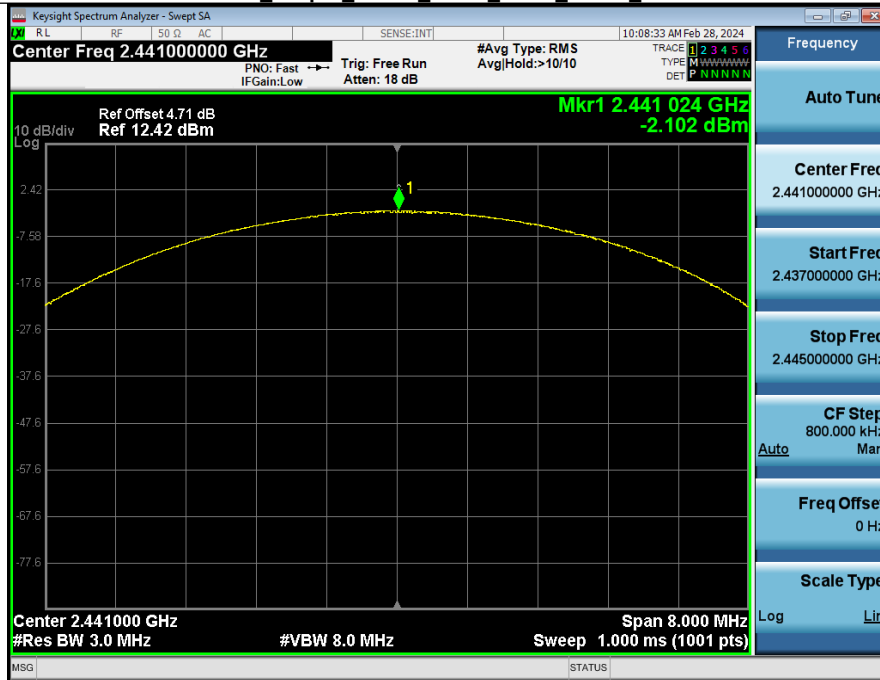
Peak Output Power_HVNT_ANT1_2-DH1_2480



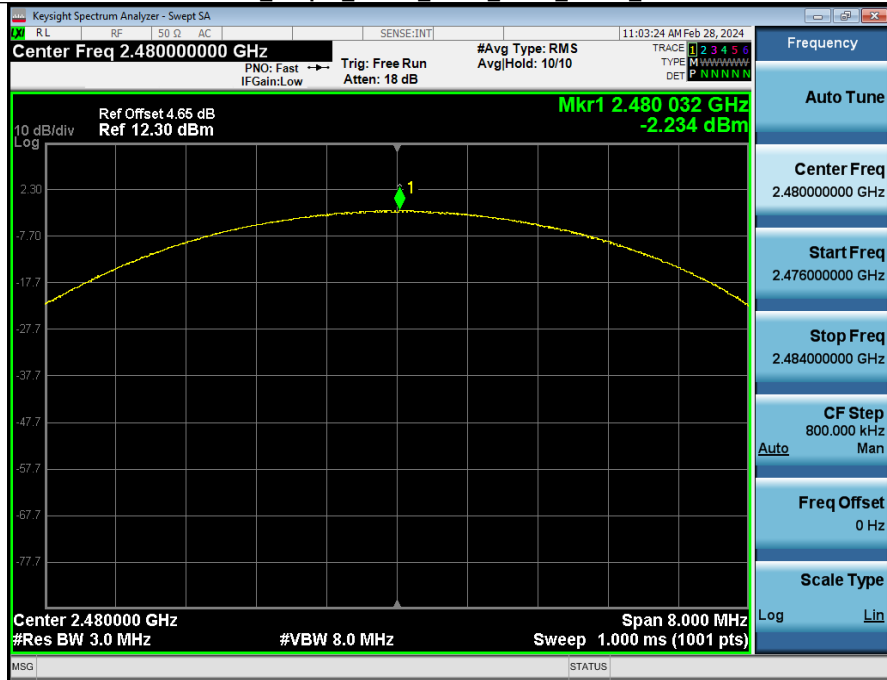
Peak Output Power_HVNT_ANT1_3-DH1_2402



Peak Output Power_HVNT_ANT1_3-DH1_2441

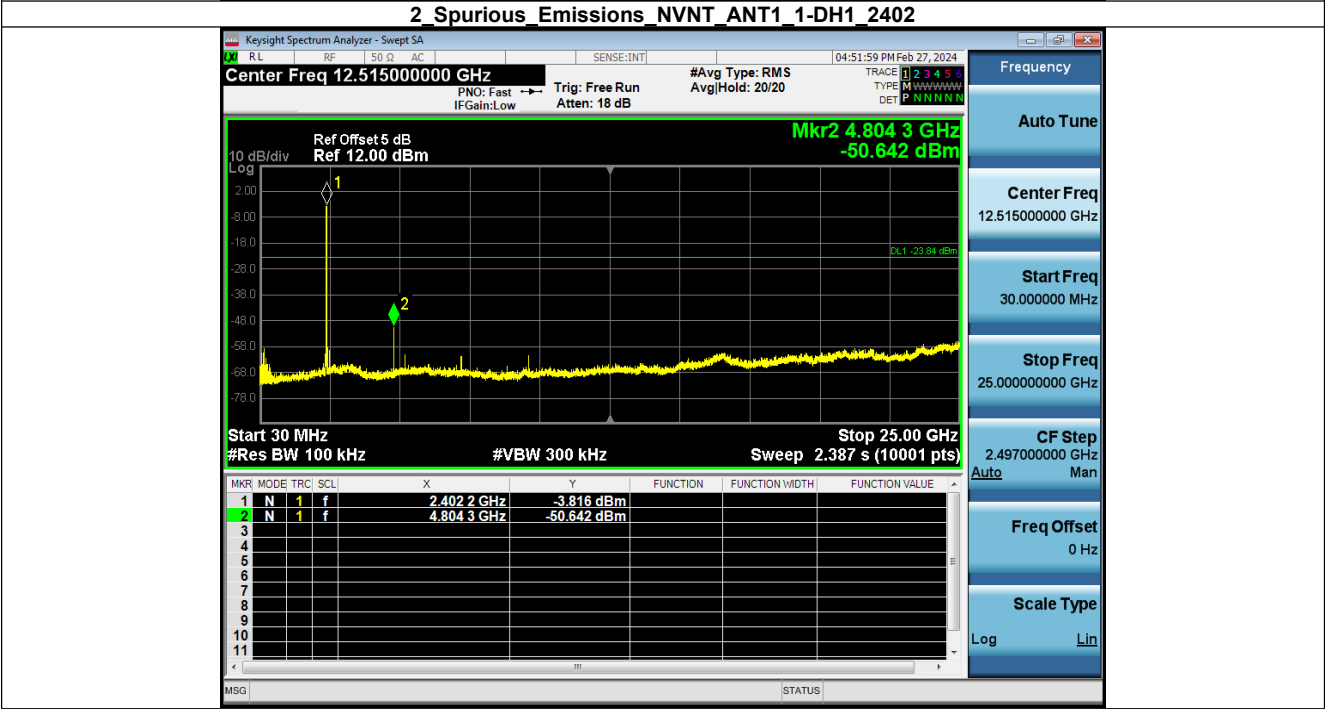
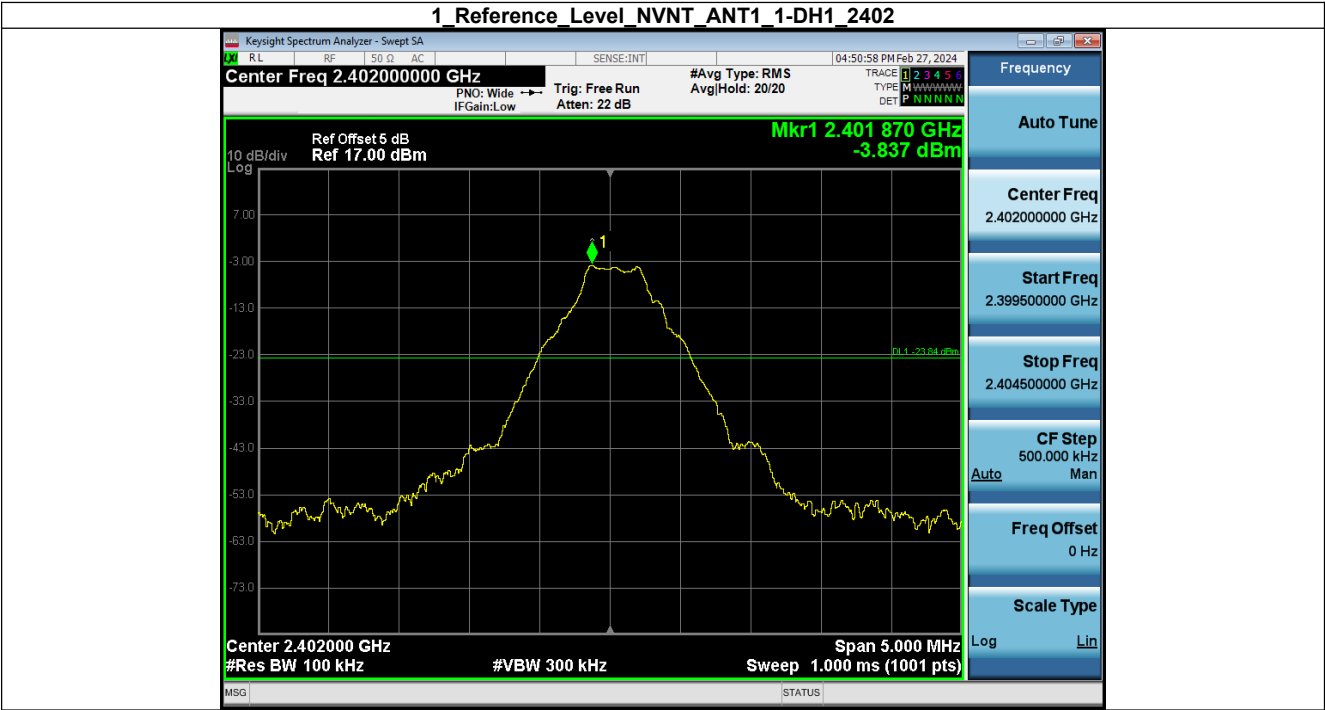


Peak_Output_Power_HVNT_ANT1_3-DH1_2480



4. Spurious Emissions

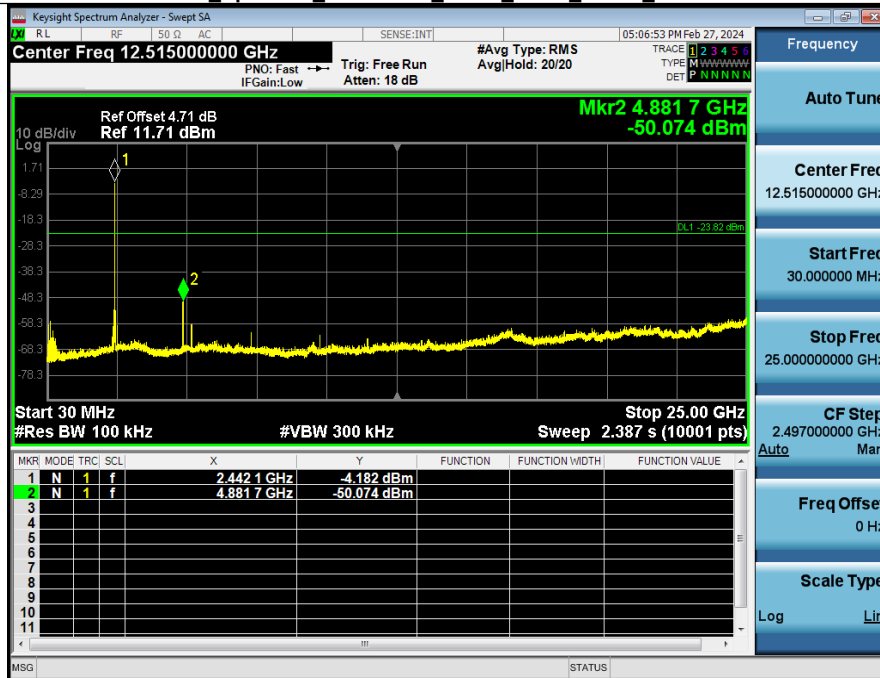
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-50.642	-23.837	Pass
NVNT	ANT1	1-DH1	2441.00	-50.074	-23.822	Pass
NVNT	ANT1	1-DH1	2480.00	-49.868	-23.877	Pass
NVNT	ANT1	2-DH1	2402.00	-51.886	-23.856	Pass
HVNT	ANT1	2-DH1	2441.00	-40.625	-23.681	Pass
HVNT	ANT1	2-DH1	2480.00	-46.444	-23.787	Pass
HVNT	ANT1	3-DH1	2402.00	-50.239	-23.782	Pass
HVNT	ANT1	3-DH1	2441.00	-50.851	-23.752	Pass
HVNT	ANT1	3-DH1	2480.00	-49.266	-23.836	Pass



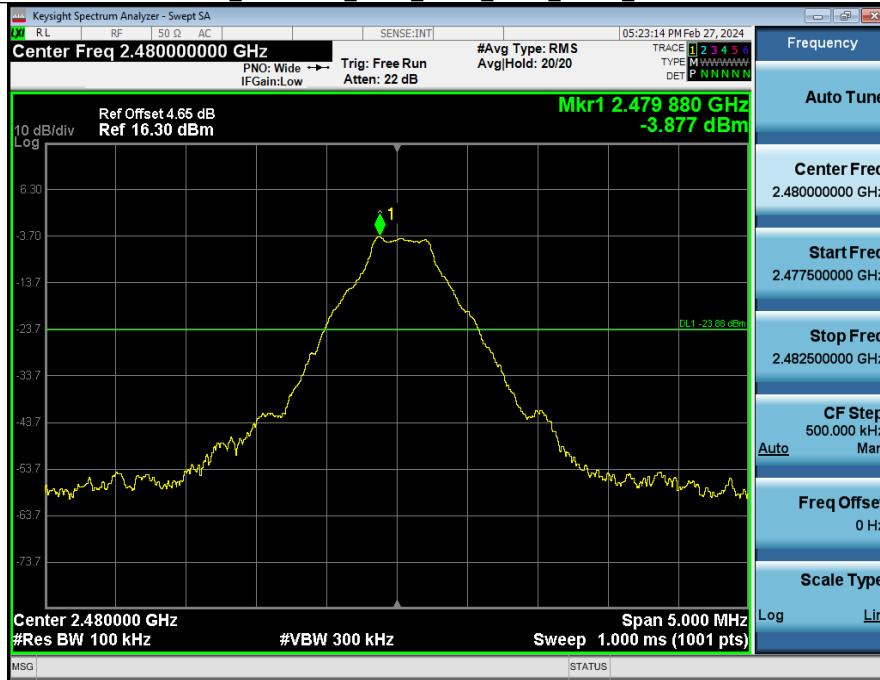
1_Reference_Level_NVNT_ANT1_1-DH1_2441



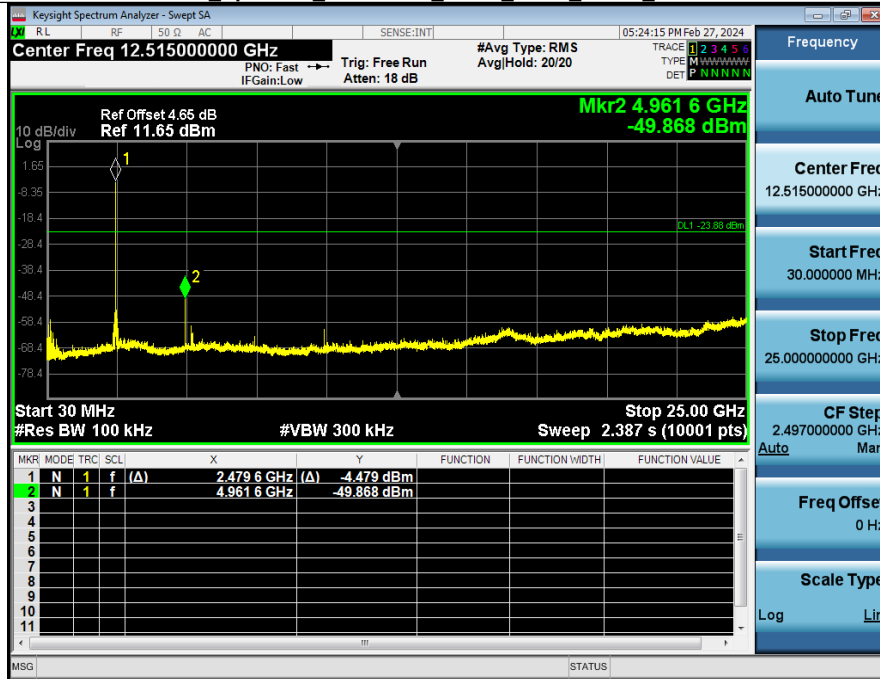
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



1 Reference Level NVNT_ANT1_1-DH1_2480



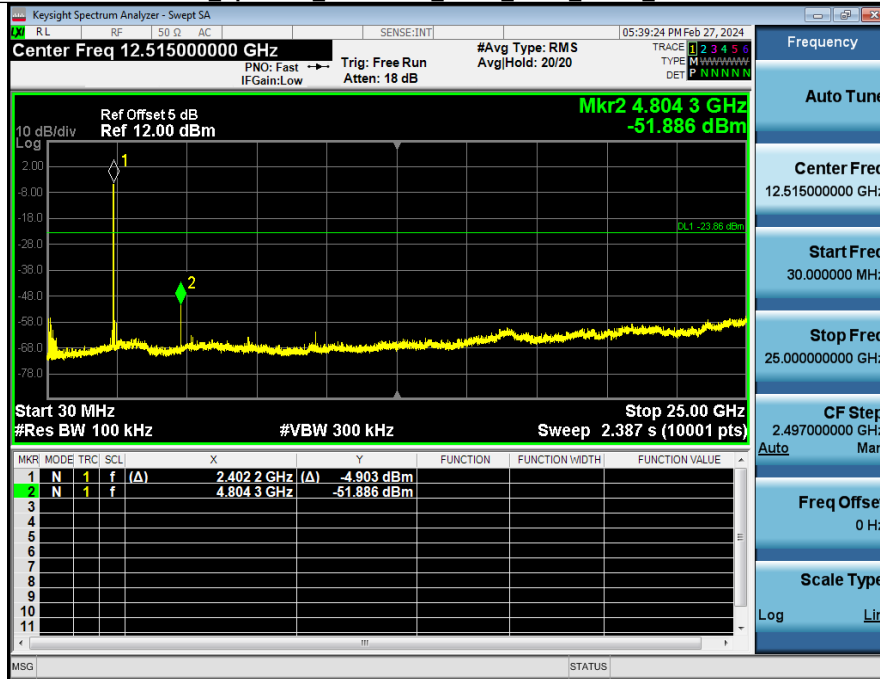
2 Spurious Emissions NVNT_ANT1_1-DH1_2480



1 Reference Level NVNT_ANT1_2-DH1_2402



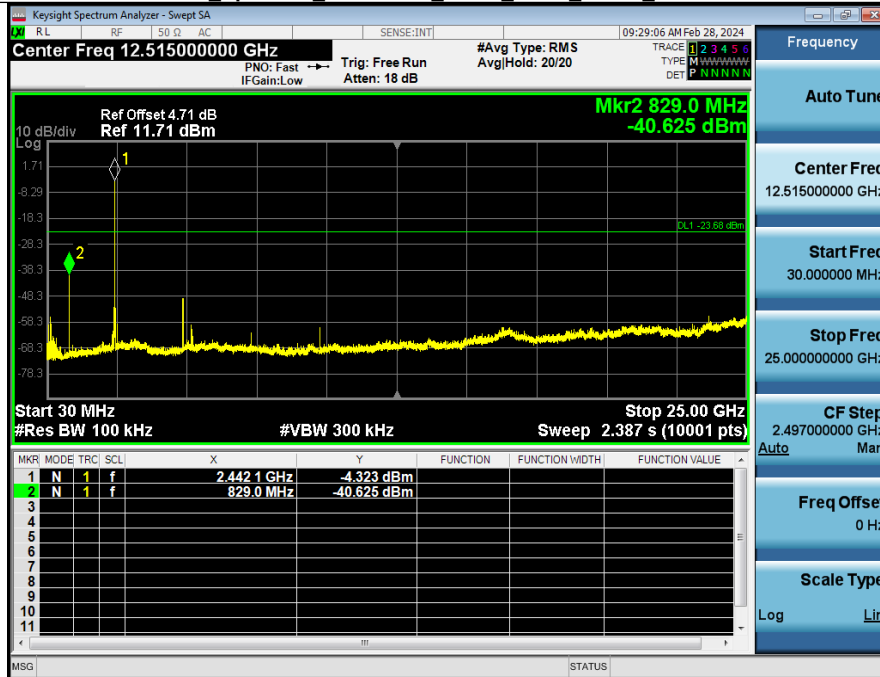
2 Spurious Emissions NVNT_ANT1_2-DH1_2402



1_Reference_Level_HVNT_ANT1_2-DH1_2441



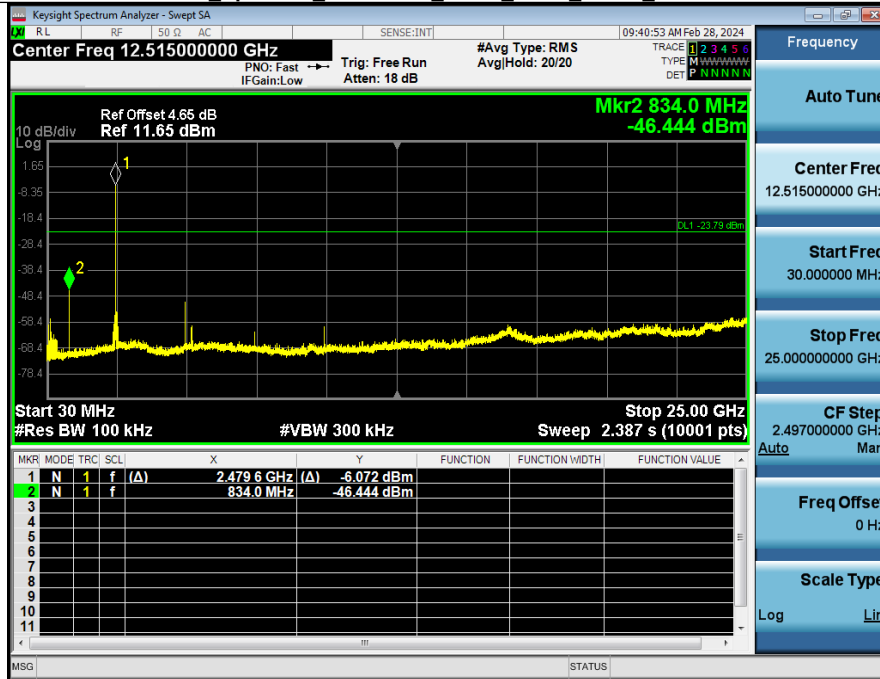
2_Spurious_Emissions_HVNT_ANT1_2-DH1_2441



1 Reference Level HVNT_ANT1_2-DH1_2480



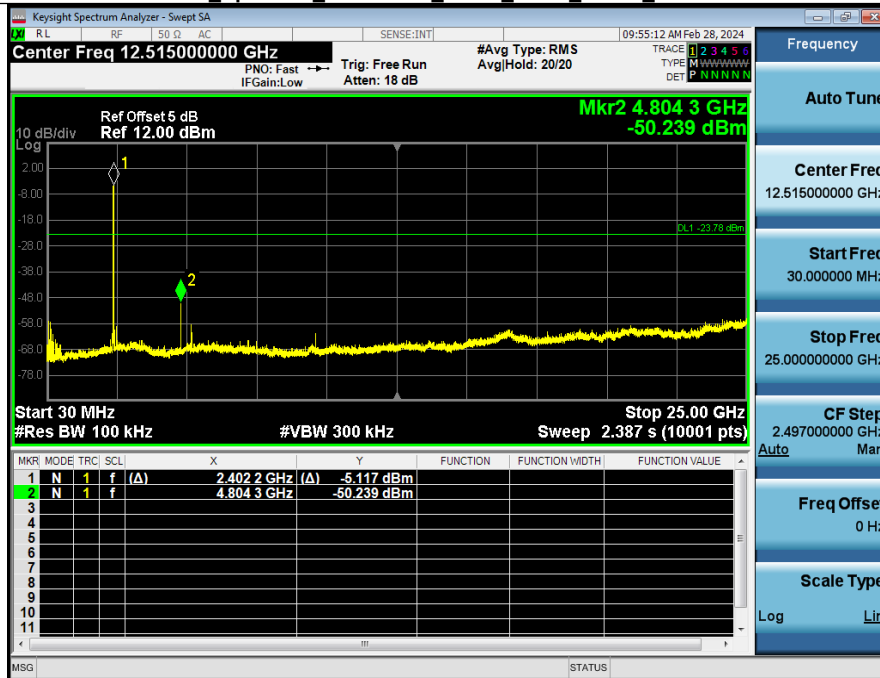
2 Spurious Emissions HVNT_ANT1_2-DH1_2480



1 Reference_Level_HVNT_ANT1_3-DH1_2402



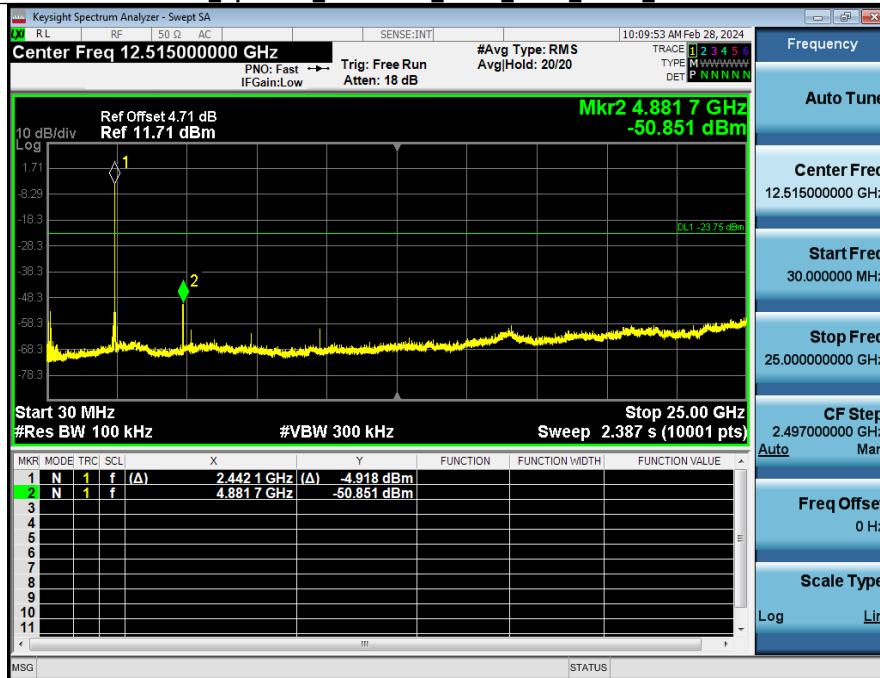
2 Spurious Emissions_HVNT_ANT1_3-DH1_2402



1 Reference_Level_HVNT_ANT1_3-DH1_2441



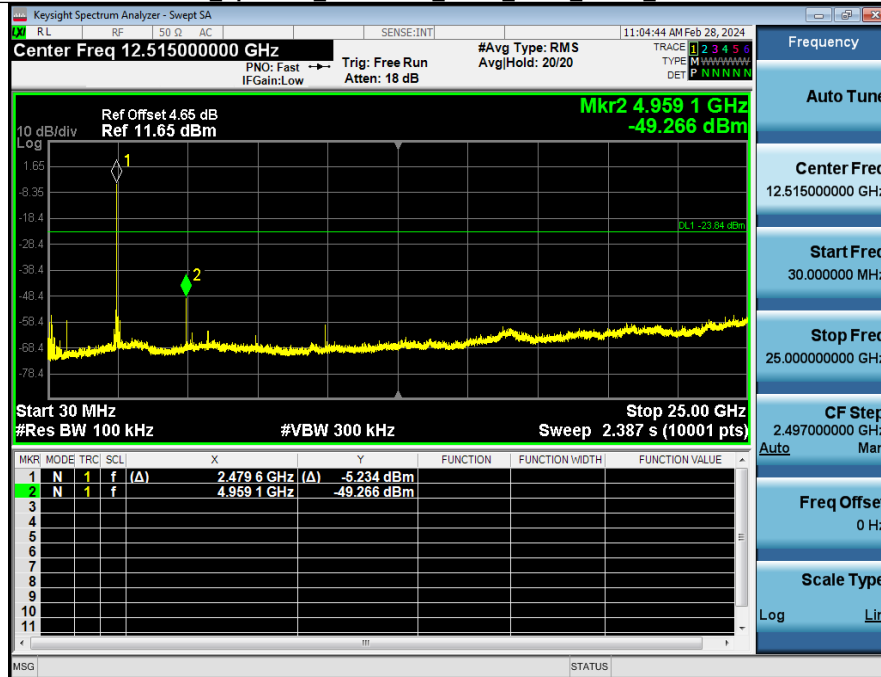
2 Spurious Emissions_HVNT_ANT1_3-DH1_2441



1 Reference Level HVNT_ANT1_3-DH1_2480

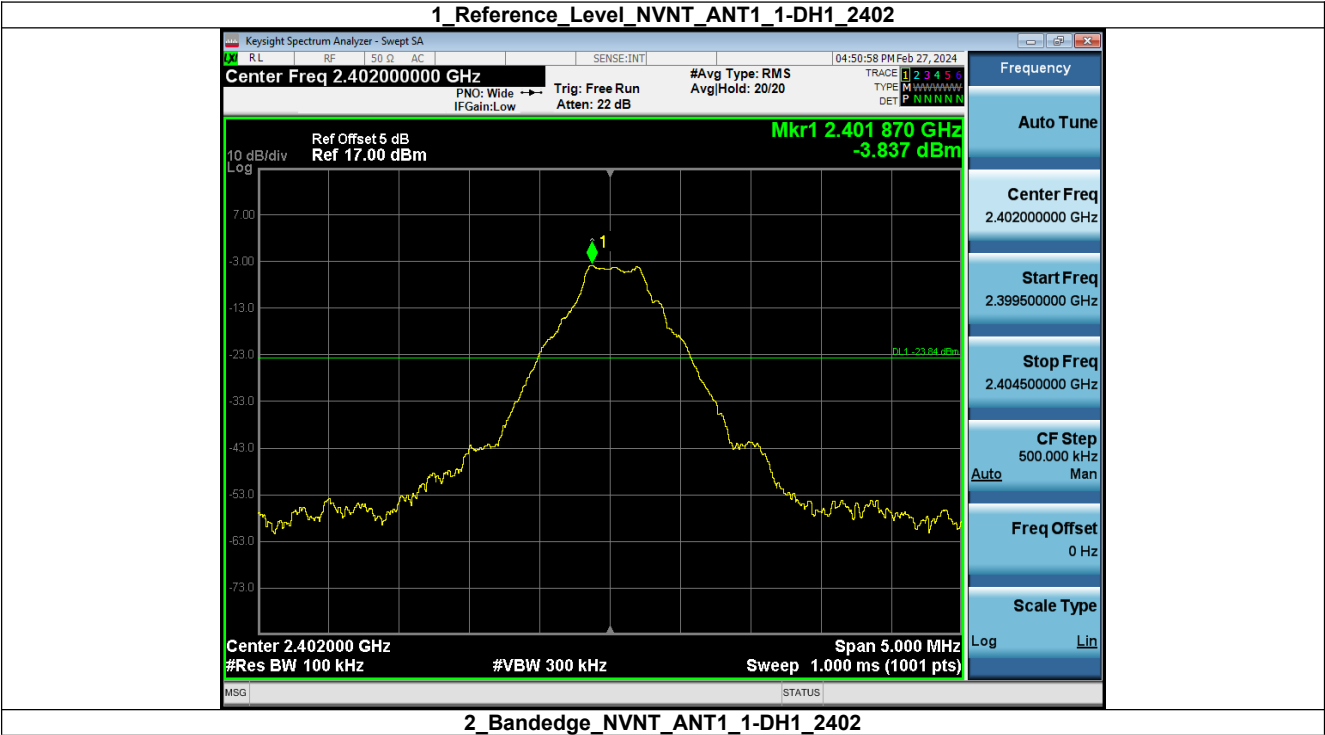


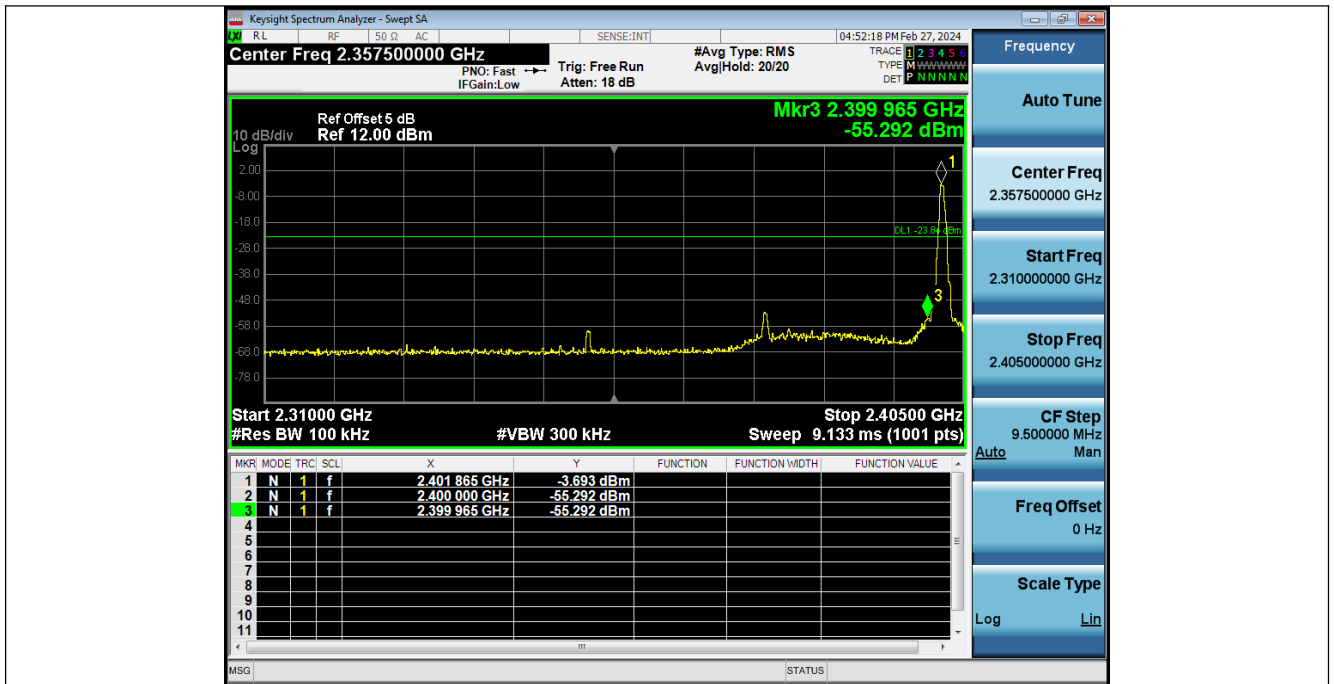
2 Spurious Emissions HVNT_ANT1_3-DH1_2480



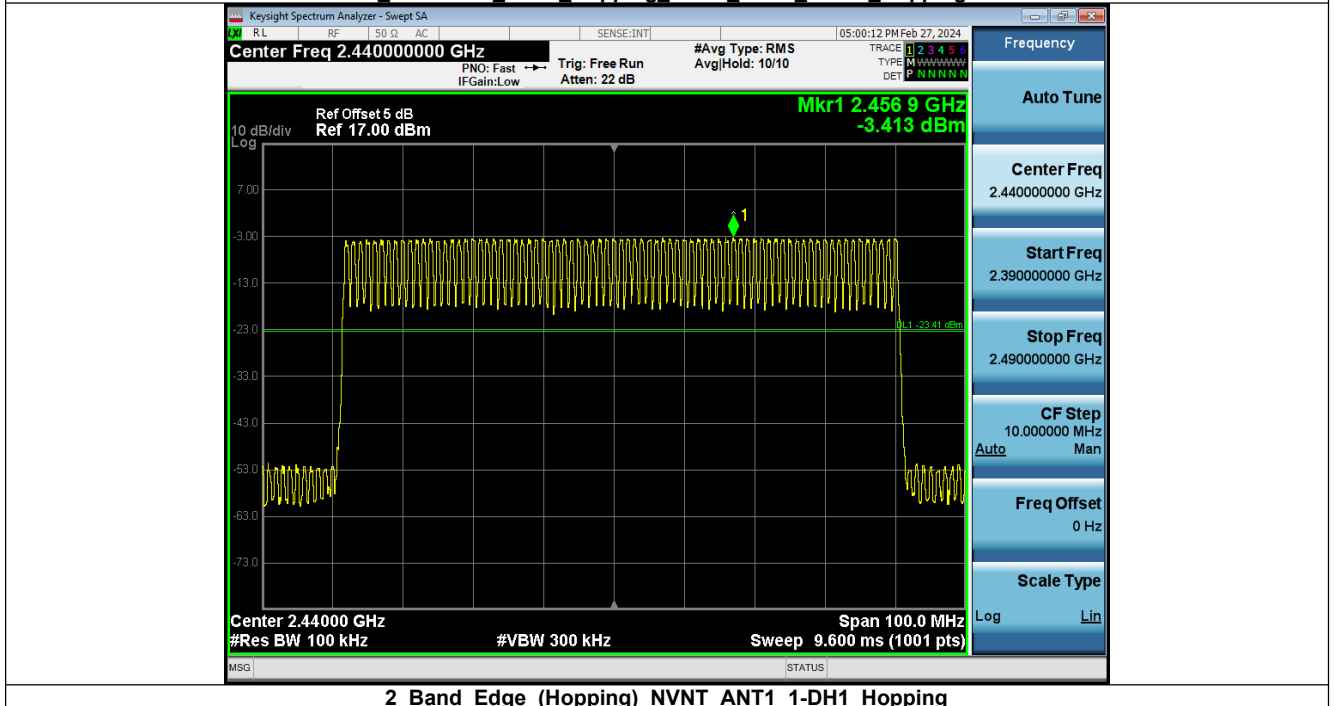
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-55.292	-23.837	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-51.733	-23.413	Pass
NVNT	ANT1	1-DH1	2480.00	-60.088	-23.877	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-52.712	-23.738	Pass
NVNT	ANT1	2-DH1	2402.00	-56.299	-23.856	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-52.273	-23.437	Pass
HVNT	ANT1	2-DH1	2480.00	-59.342	-23.787	Pass
HVNT	ANT1	2-DH1	Hopping_HCH	-52.591	-23.684	Pass
HVNT	ANT1	3-DH1	2402.00	-56.924	-23.782	Pass
HVNT	ANT1	3-DH1	Hopping_LCH	-52.438	-23.372	Pass
HVNT	ANT1	3-DH1	2480.00	-58.589	-23.836	Pass
HVNT	ANT1	3-DH1	Hopping_HCH	-53.040	-23.722	Pass

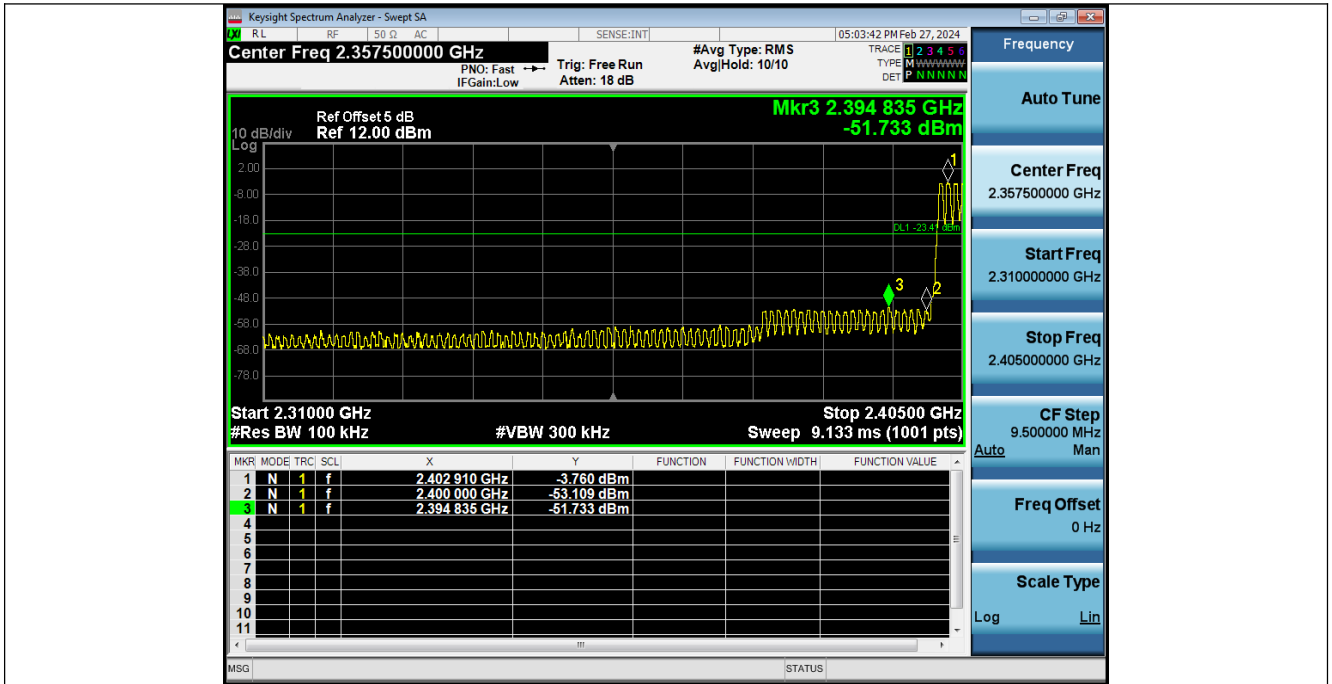




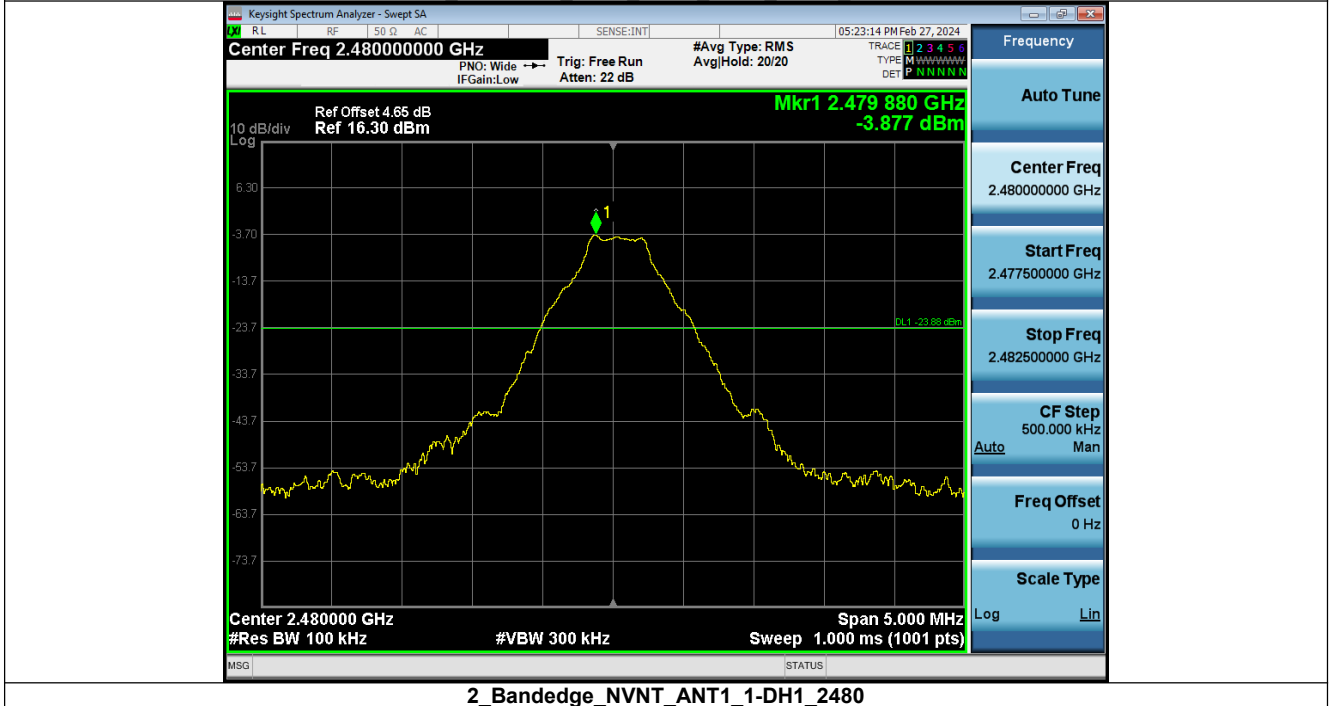
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



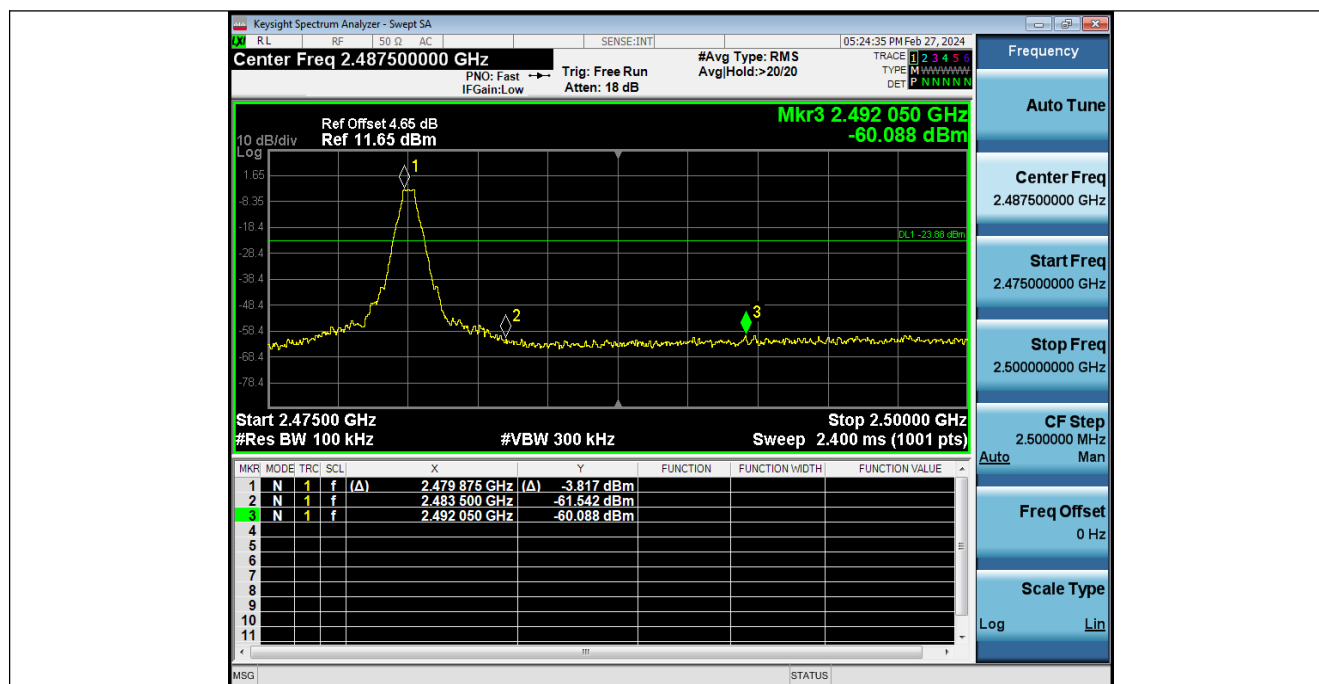
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



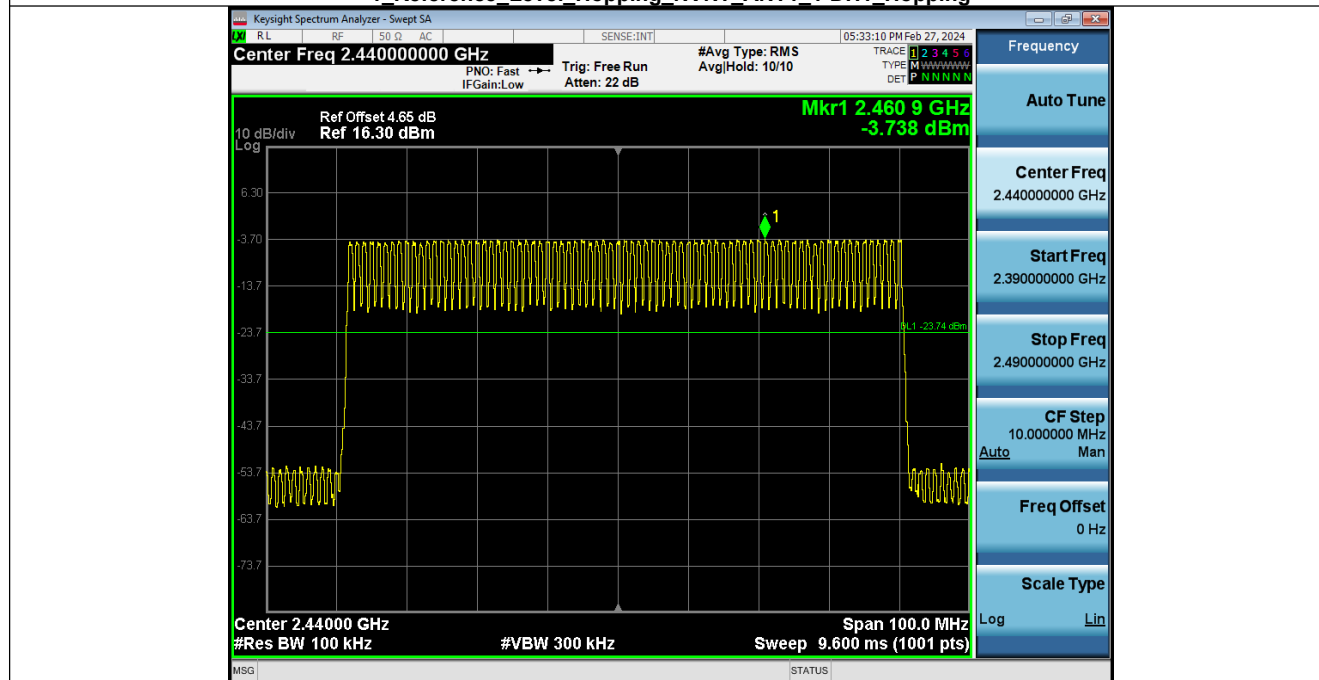
1_Reference_Level_NVNT_ANT1_1-DH1_2480



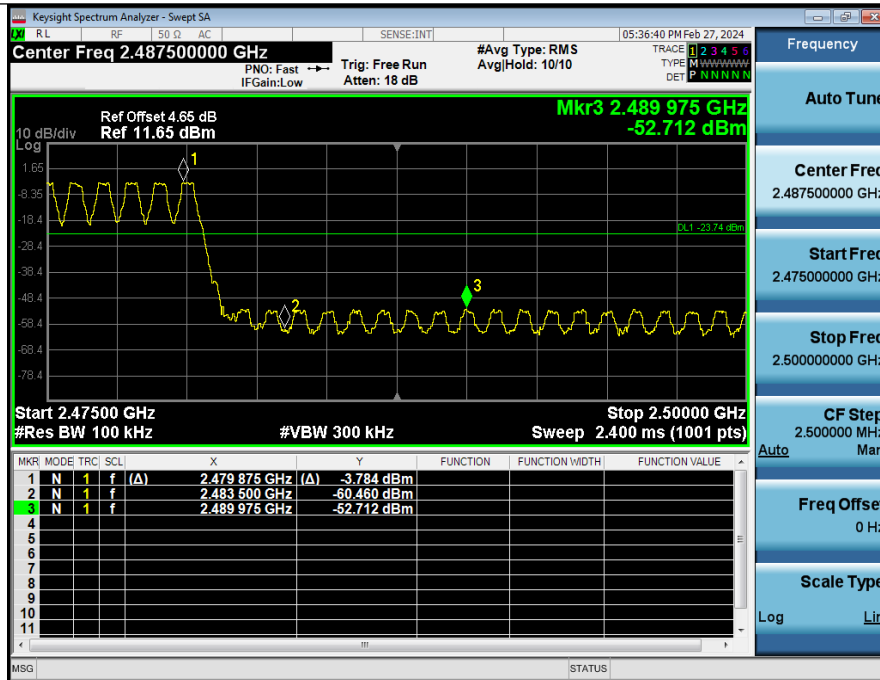
2_Bandedge_NVNT_ANT1_1-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



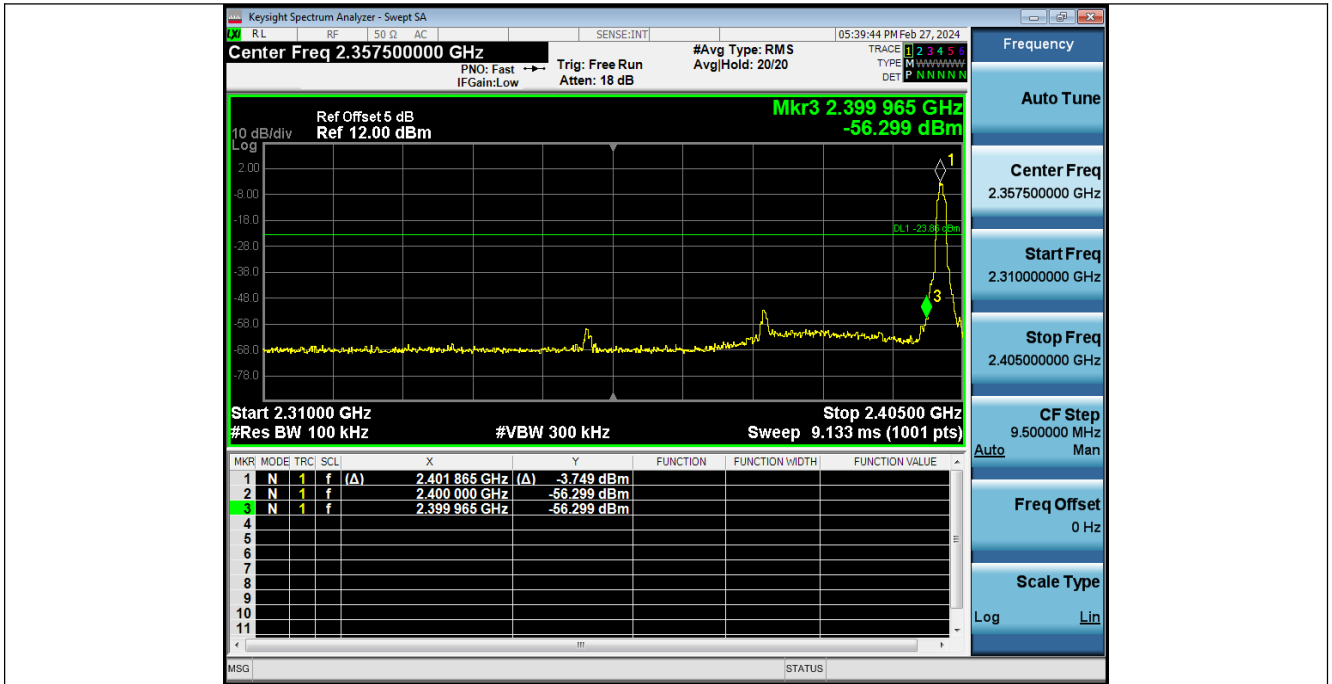
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



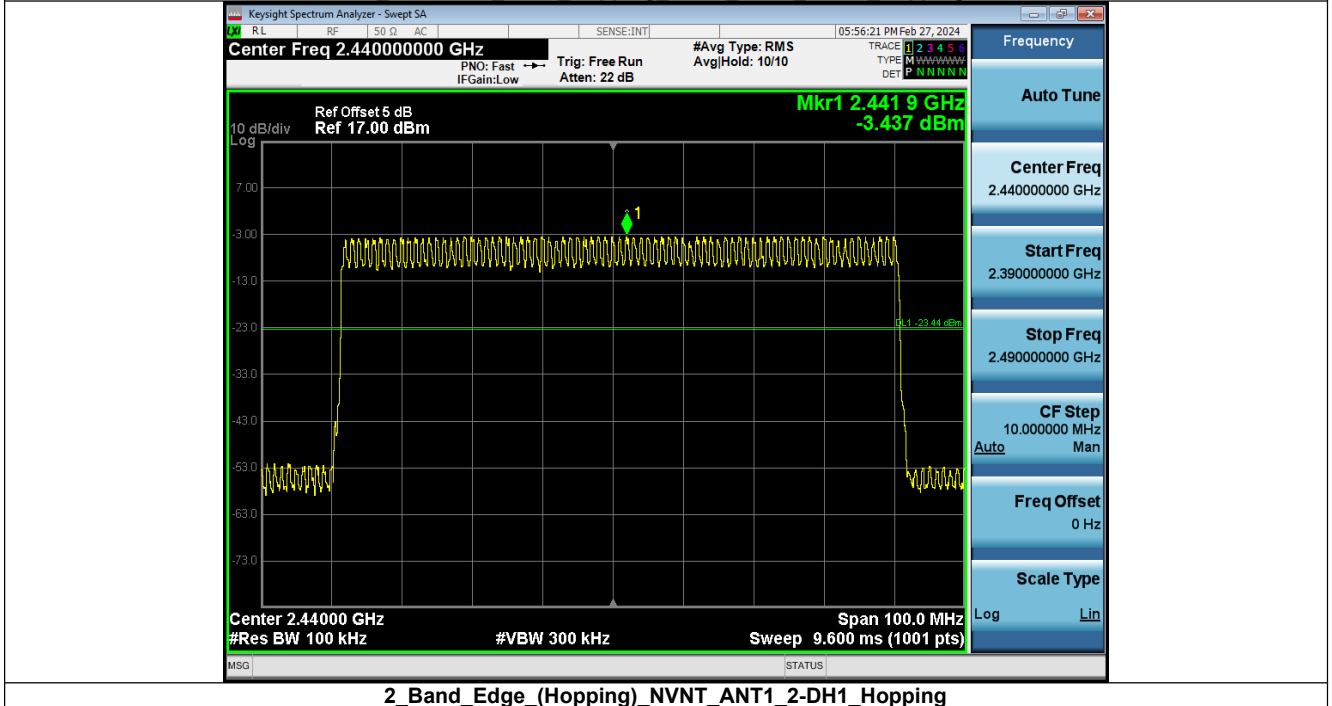
1 Reference_Level_NVNT_ANT1_2-DH1_2402



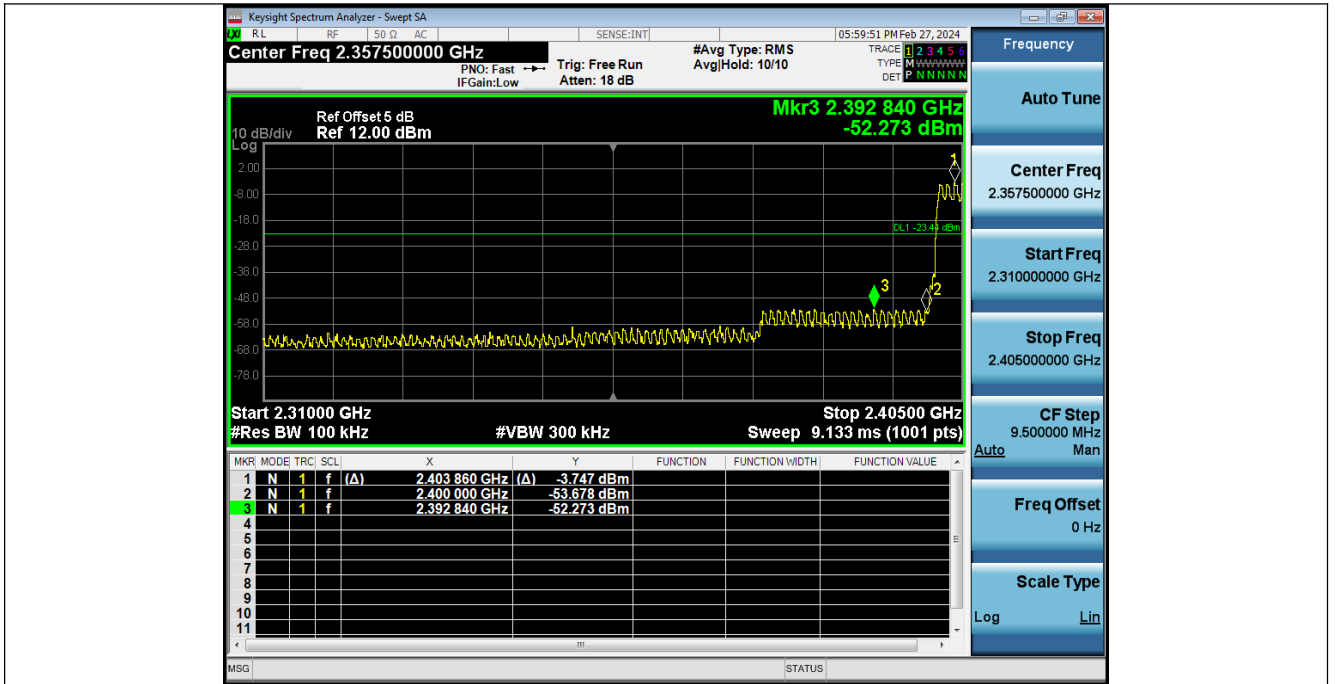
2_Bandedge_NVNT_ANT1_2-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

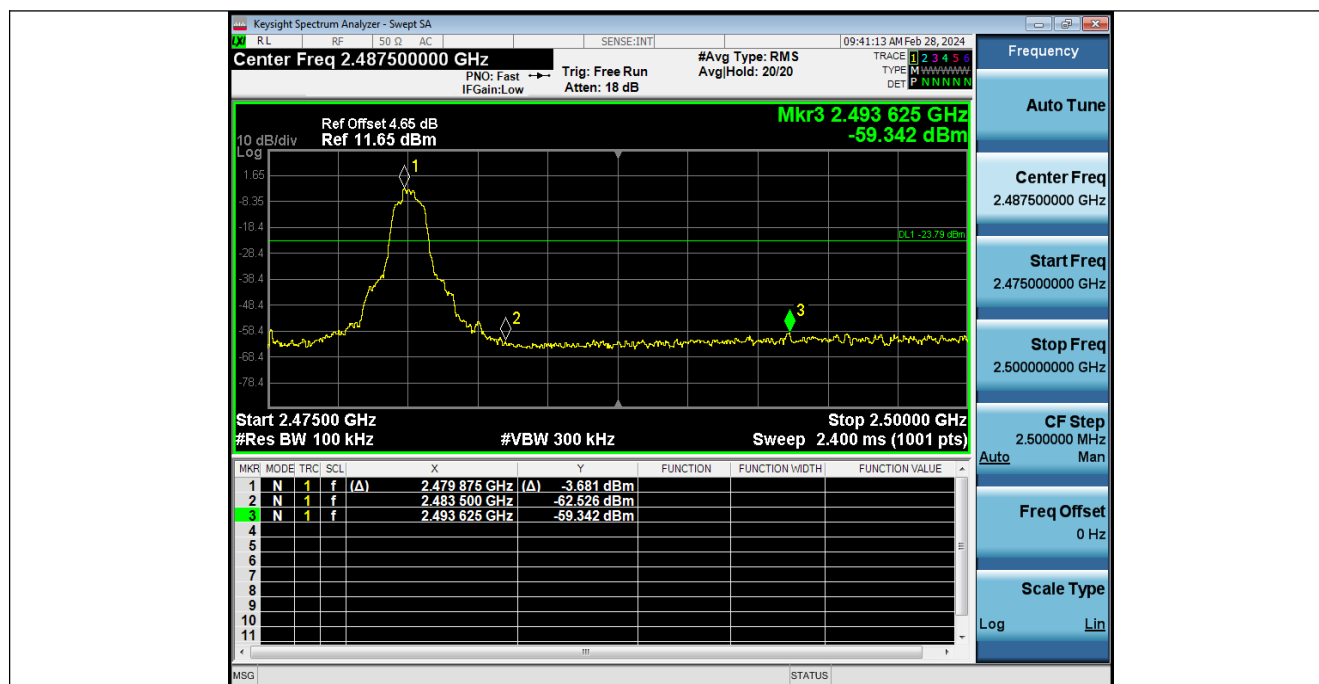


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

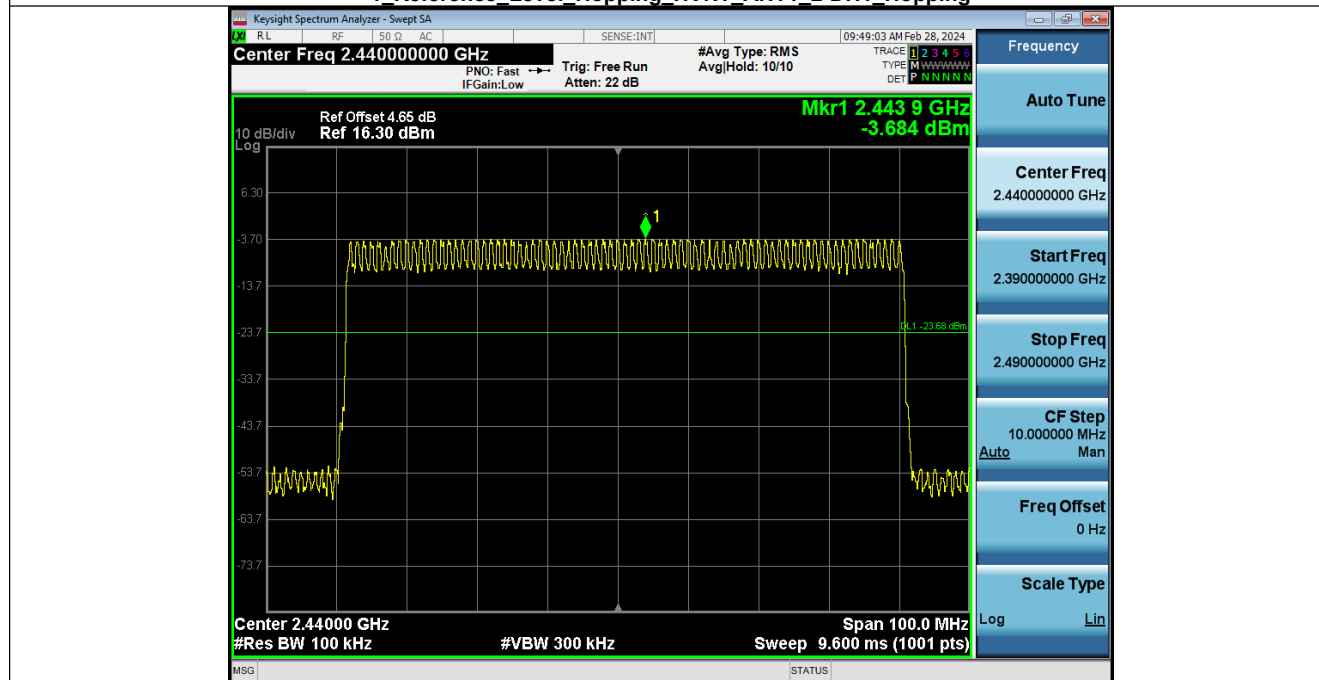


1 Reference_Level_HVNT_ANT1_2-DH1_2480

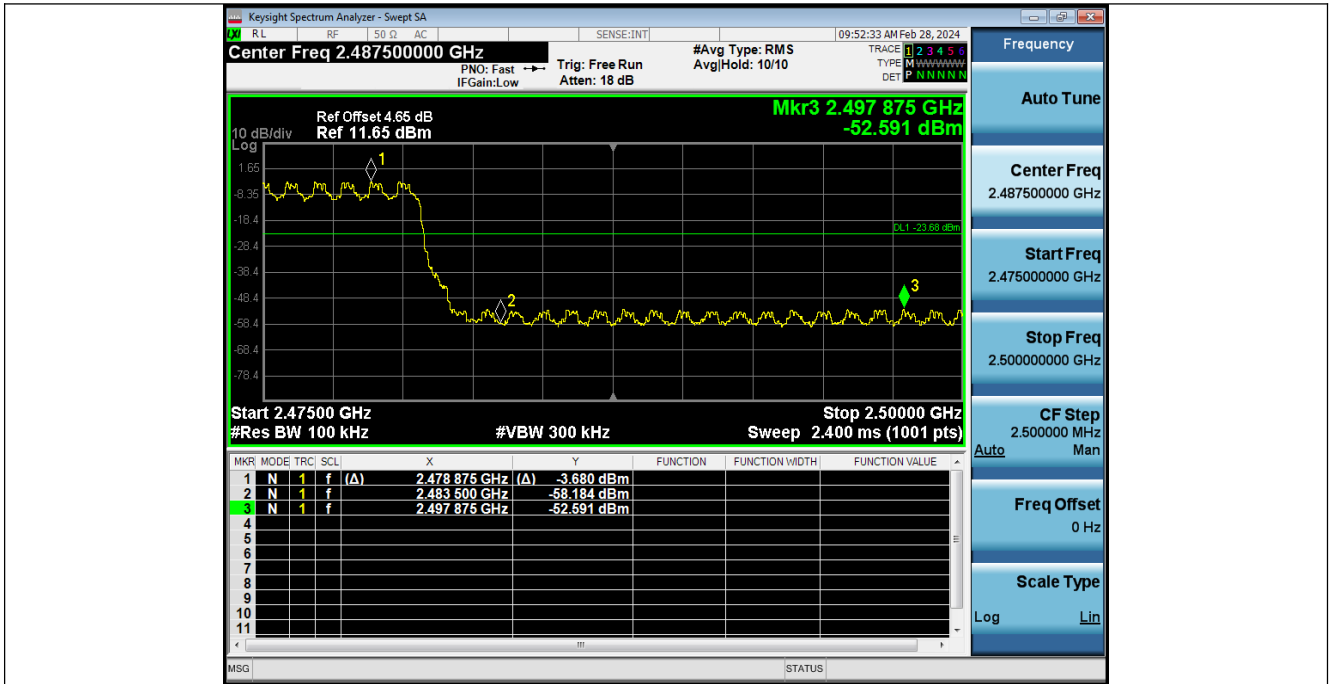




1 Reference_Level_Hopping_HVNT_ANT1_2-DH1_Hopping



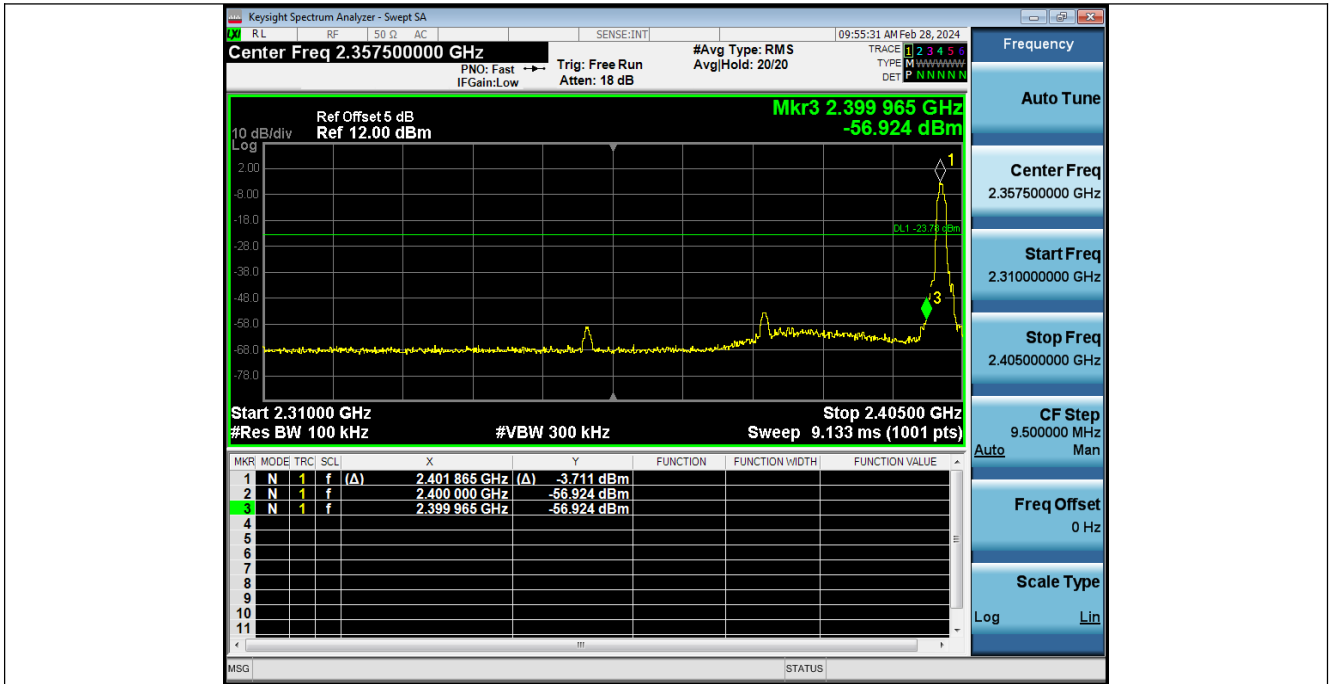
2_Band_Edge_(Hopping)_HVNT_ANT1_2-DH1_Hopping



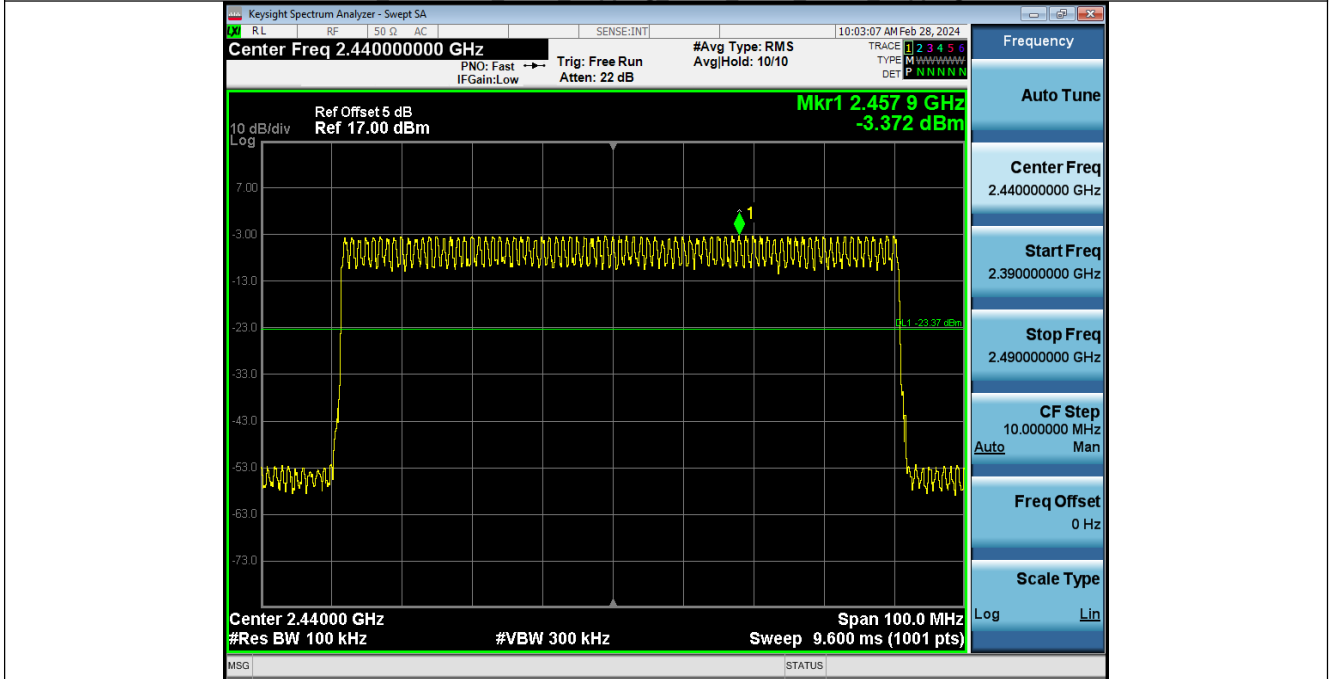
1_Reference_Level_HVNT_ANT1_3-DH1_2402



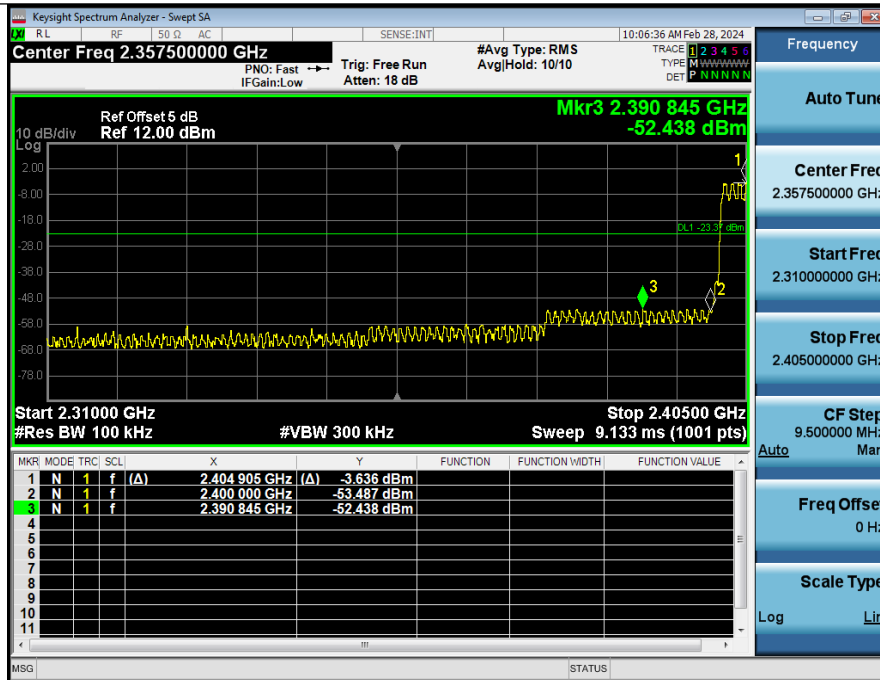
2_Bandedge_HVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_HVNT_ANT1_3-DH1_Hopping



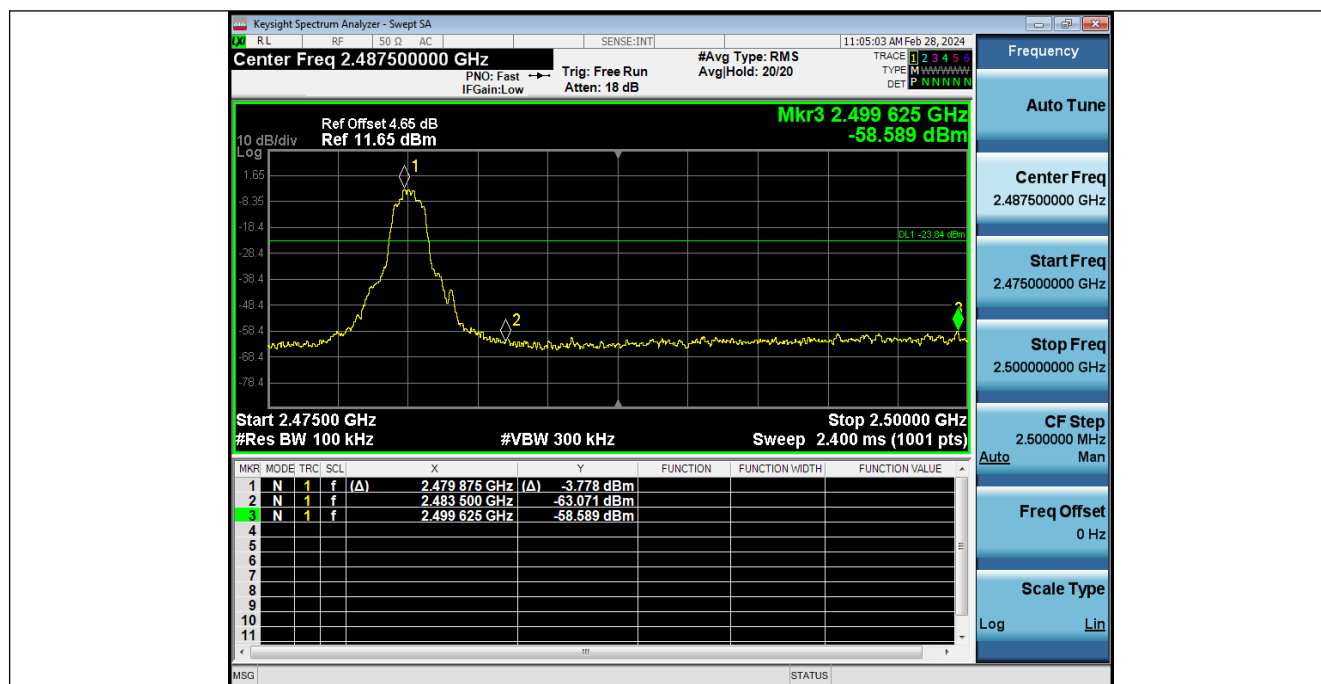
2_Band_Edge_(Hopping)_HVNT_ANT1_3-DH1_Hopping



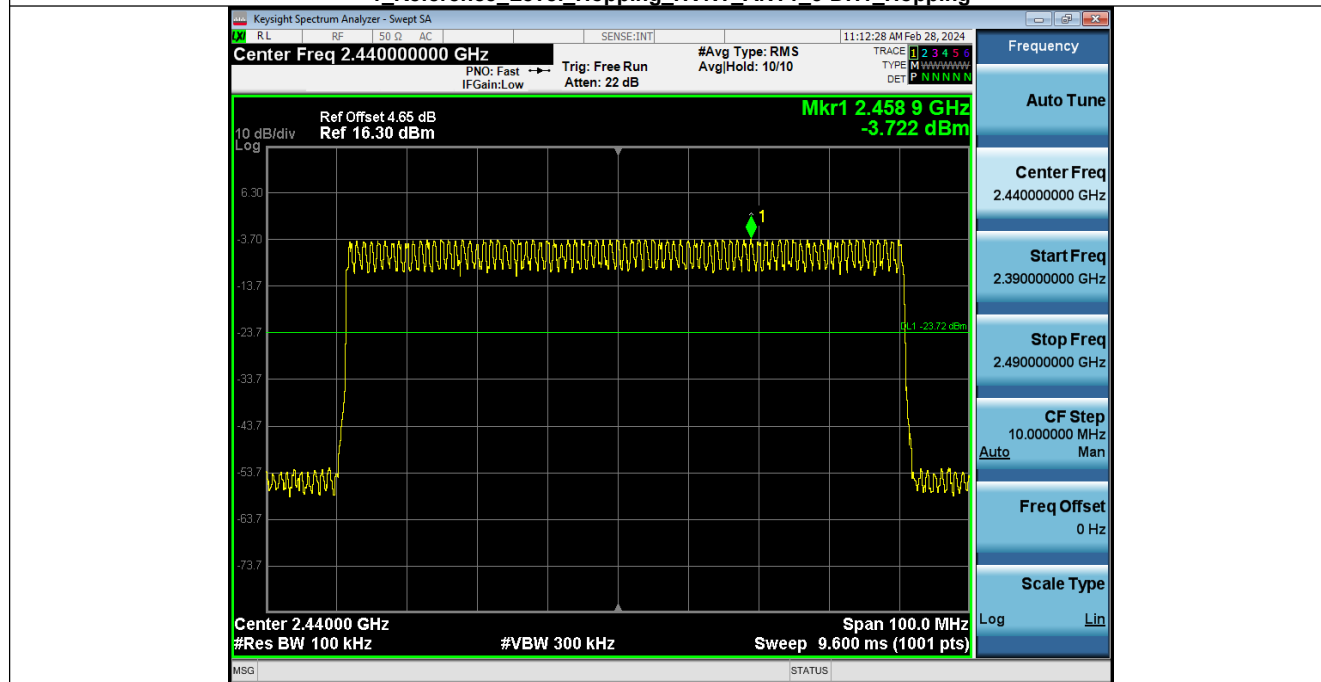
1 Reference_Level_HVNT_ANT1_3-DH1_2480



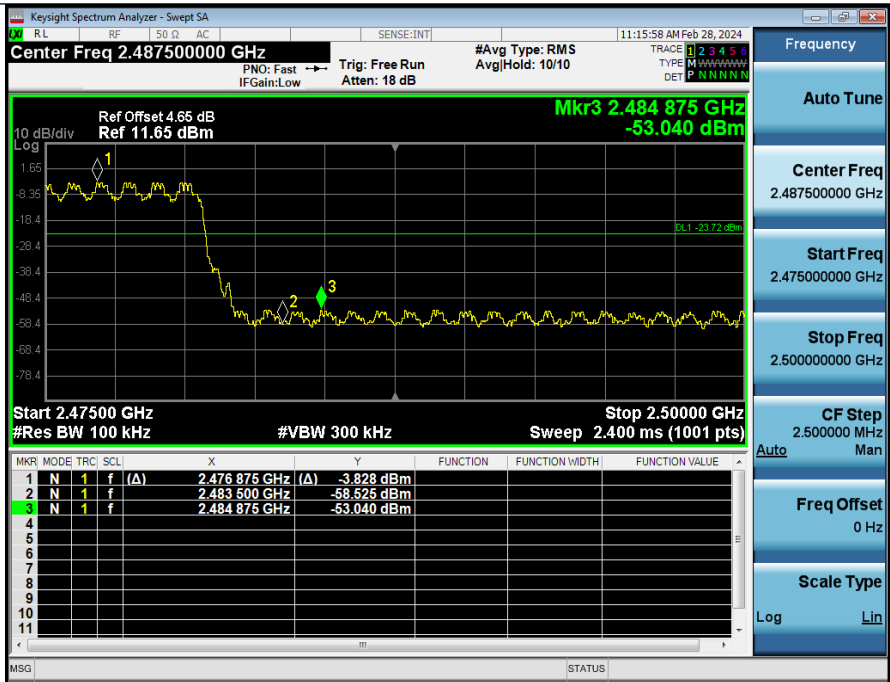
2_Bandedge_HVNT_ANT1_3-DH1_2480



1 Reference_Level_Hopping_HVNT_ANT1_3-DH1_Hopping

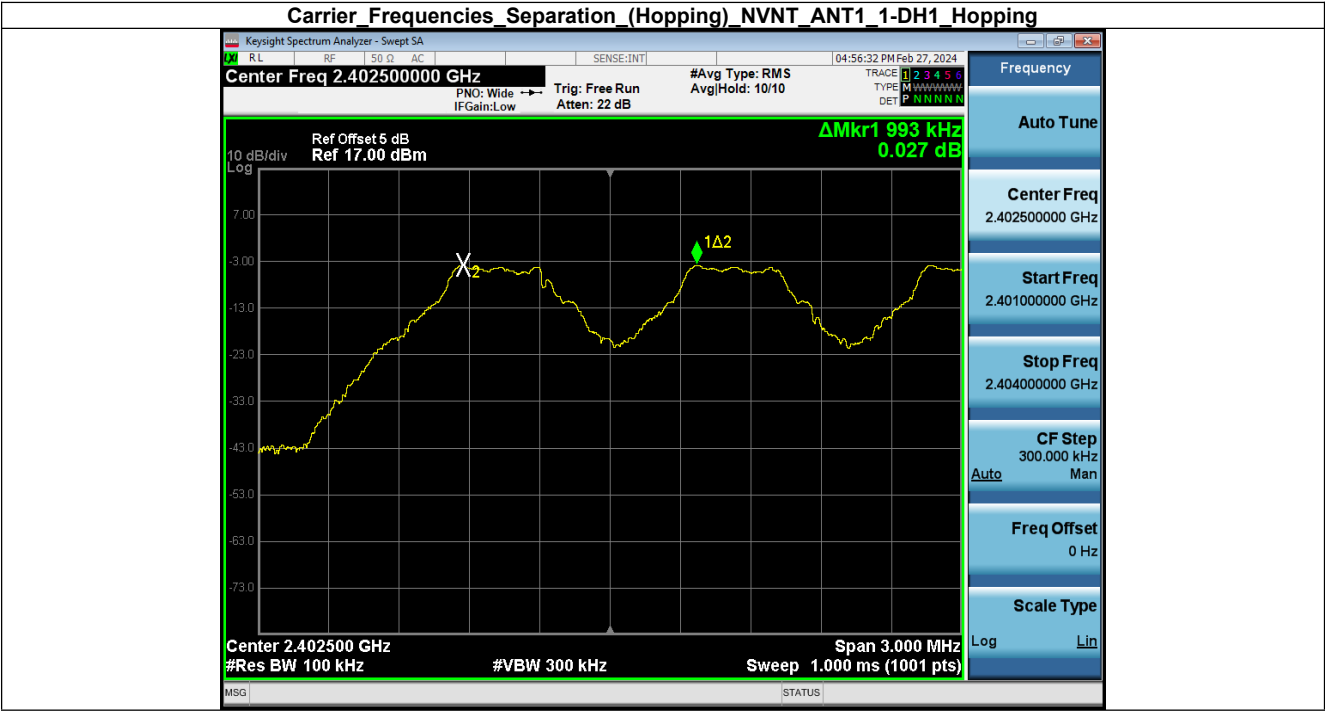


2_Band_Edge_(Hopping)_HVNT_ANT1_3-DH1_Hopping

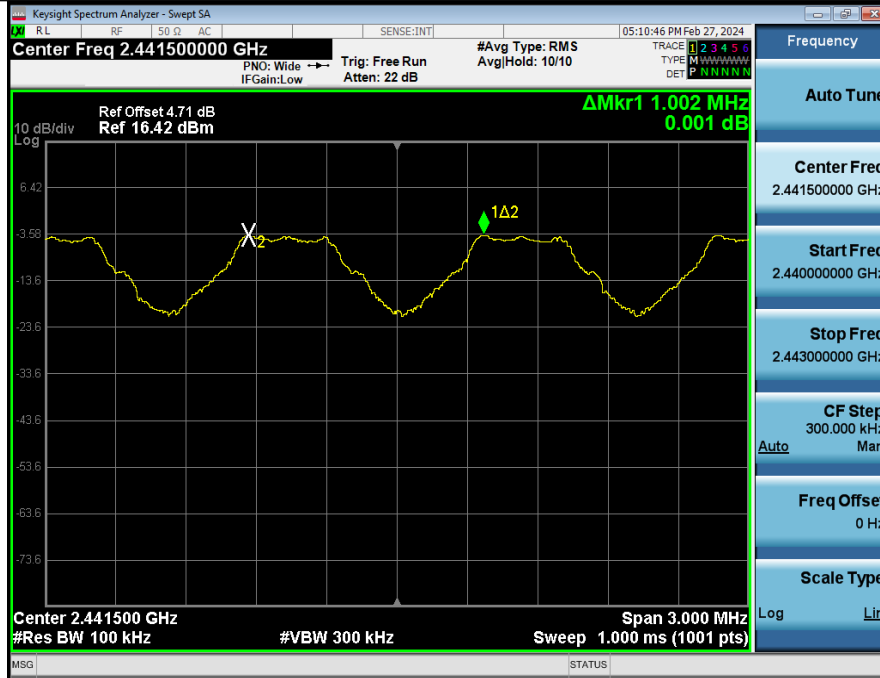


6. Carrier Frequencies Separation (Hopping)

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	2401.876	2402.869	0.993	0.992	Pass
NVNT	ANT1	1-DH1	2441.00	2440.867	2441.869	1.002	0.678	Pass
NVNT	ANT1	1-DH1	2480.00	2478.873	2479.878	1.005	0.682	Pass
NVNT	ANT1	2-DH1	2402.00	2401.870	2402.869	0.999	0.860	Pass
HVNT	ANT1	2-DH1	2441.00	2440.870	2441.869	0.999	0.863	Pass
HVNT	ANT1	2-DH1	2480.00	2478.876	2479.869	0.993	0.857	Pass
HVNT	ANT1	3-DH1	2402.00	2401.870	2402.863	0.993	0.839	Pass
HVNT	ANT1	3-DH1	2441.00	2440.870	2441.872	1.002	0.837	Pass
HVNT	ANT1	3-DH1	2480.00	2478.870	2479.869	0.999	0.835	Pass



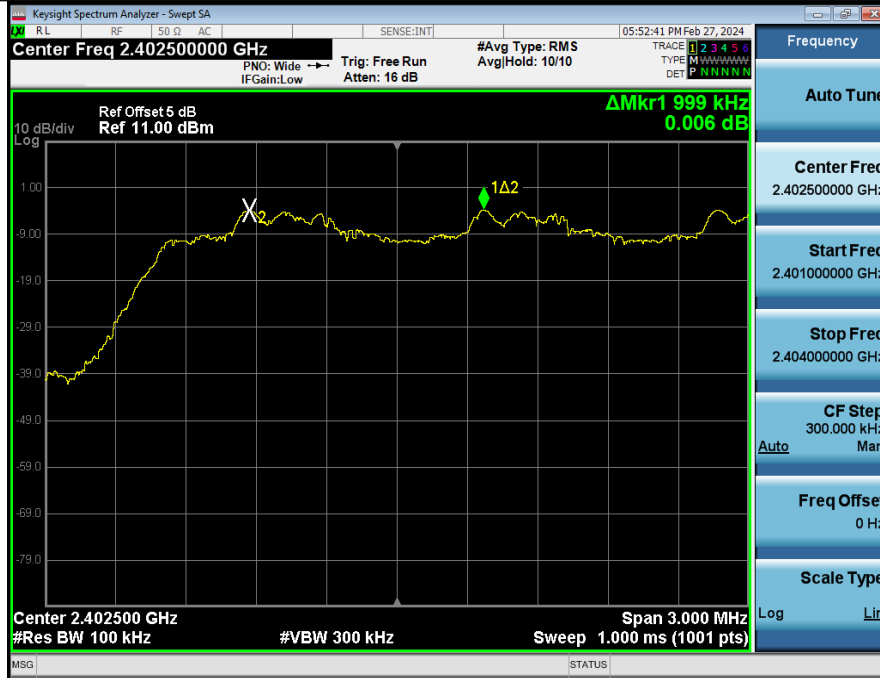
Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



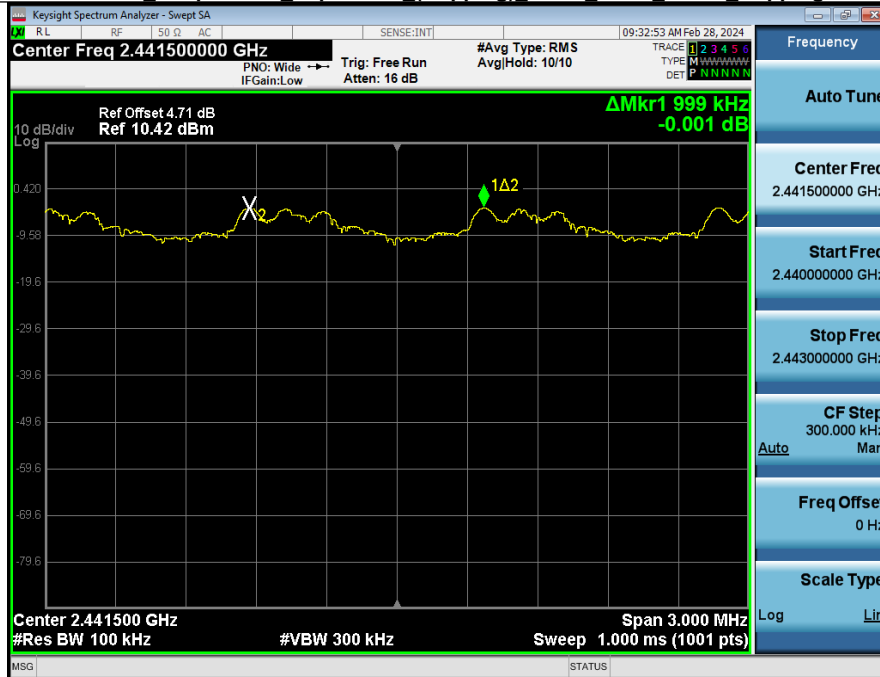
Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) HVNT_ANT1 2-DH1 Hopping



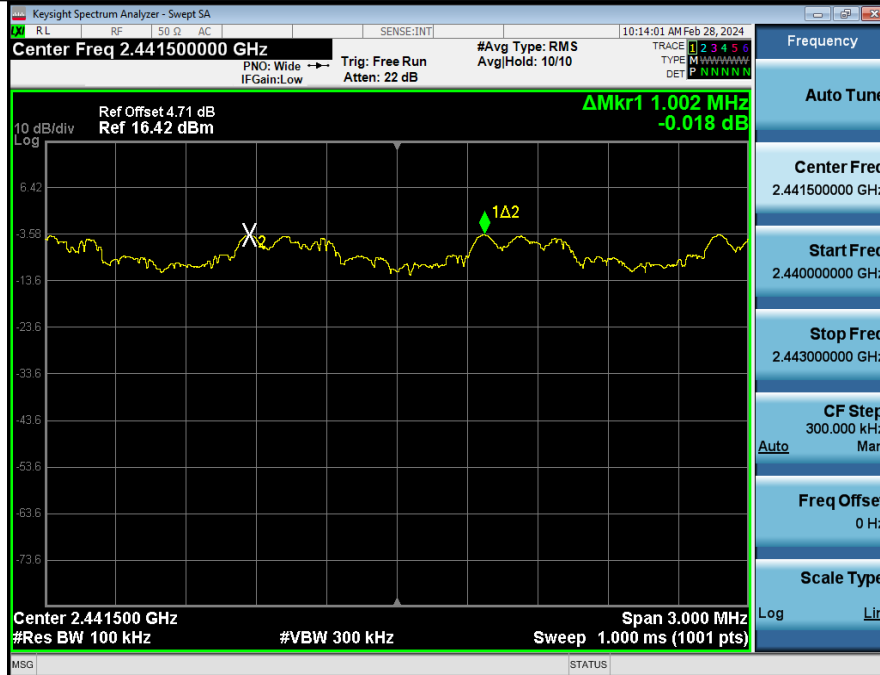
Carrier Frequencies Separation (Hopping) HVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) HVNT_ANT1 3-DH1 Hopping



Carrier Frequencies Separation (Hopping) HVNT_ANT1 3-DH1 Hopping

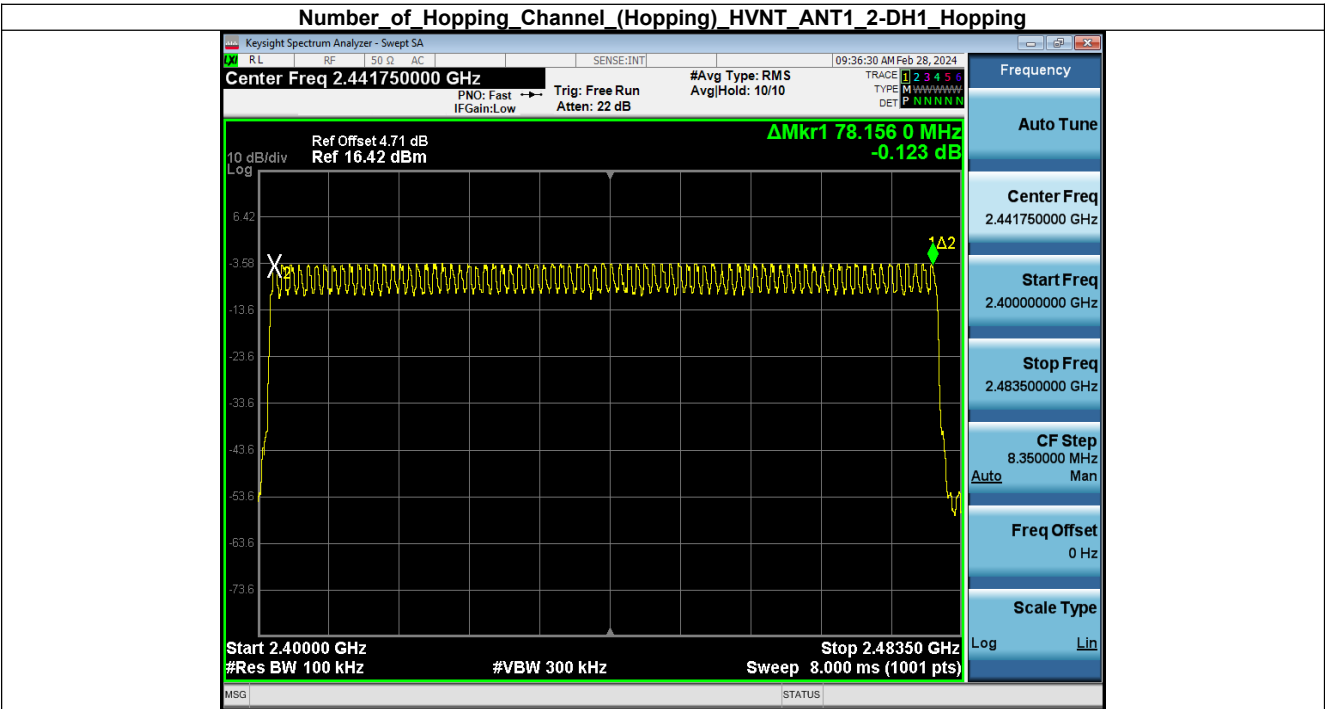
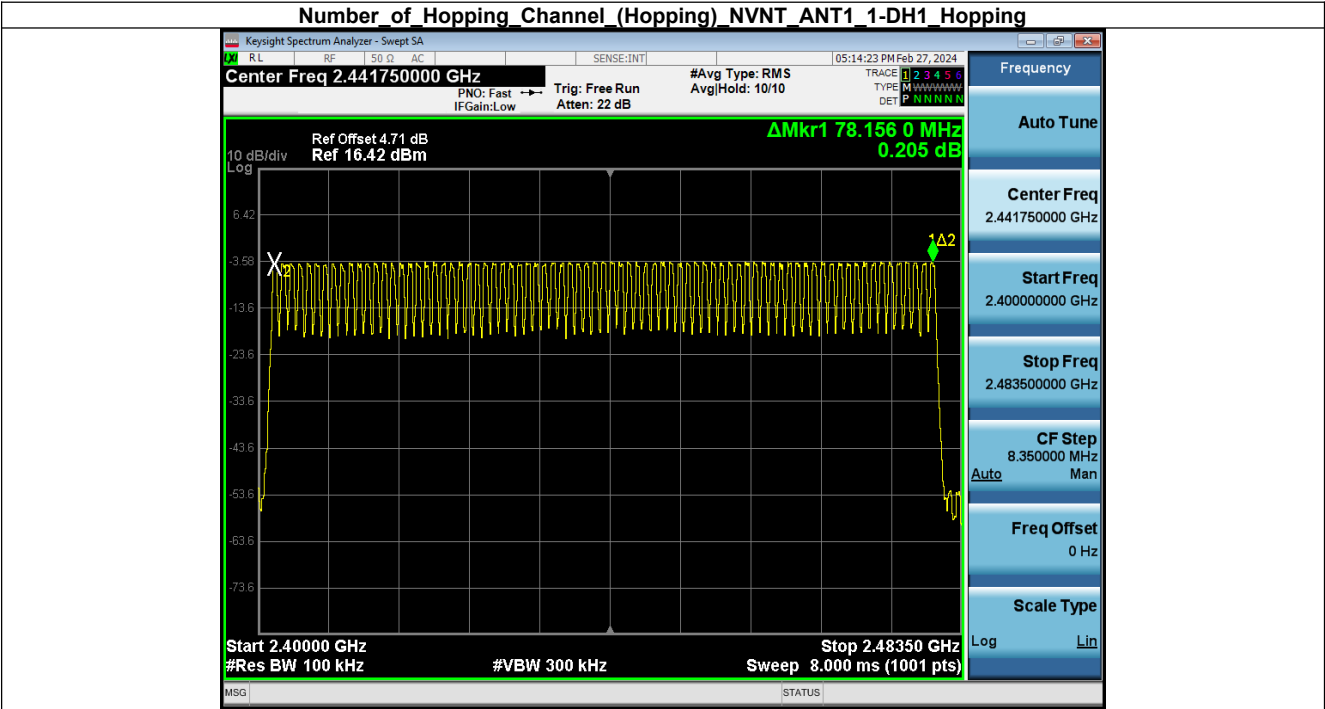


Carrier Frequencies Separation (Hopping) HVNT_ANT1 3-DH1 Hopping

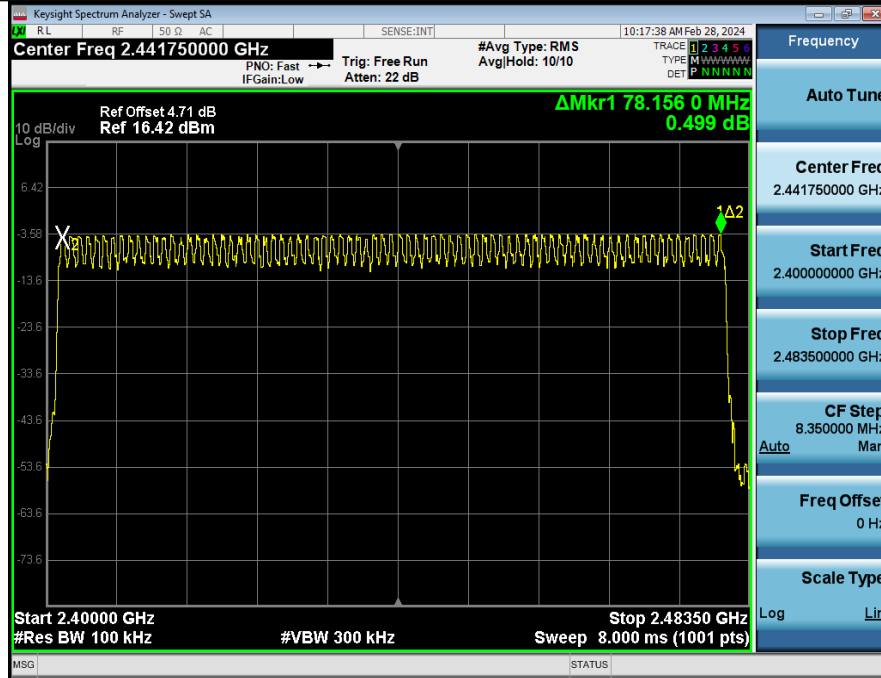


7. Number of Hopping Channel (Hopping)

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

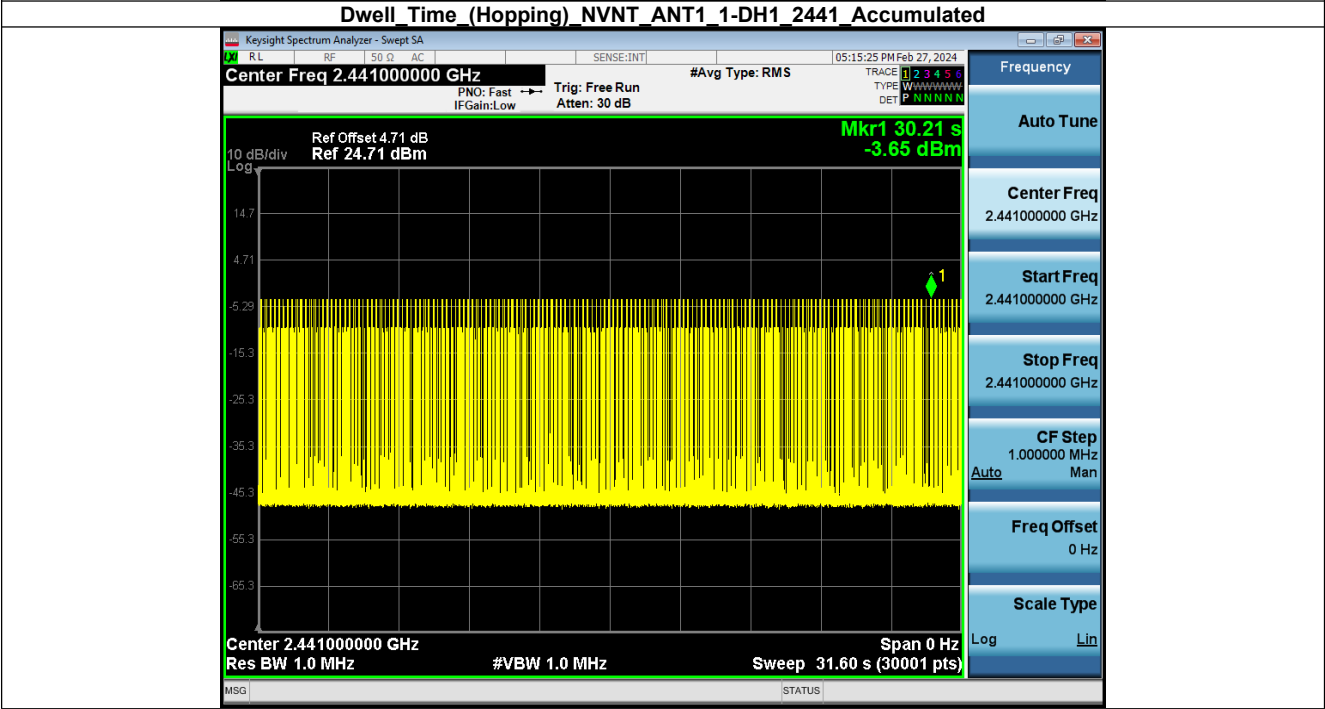
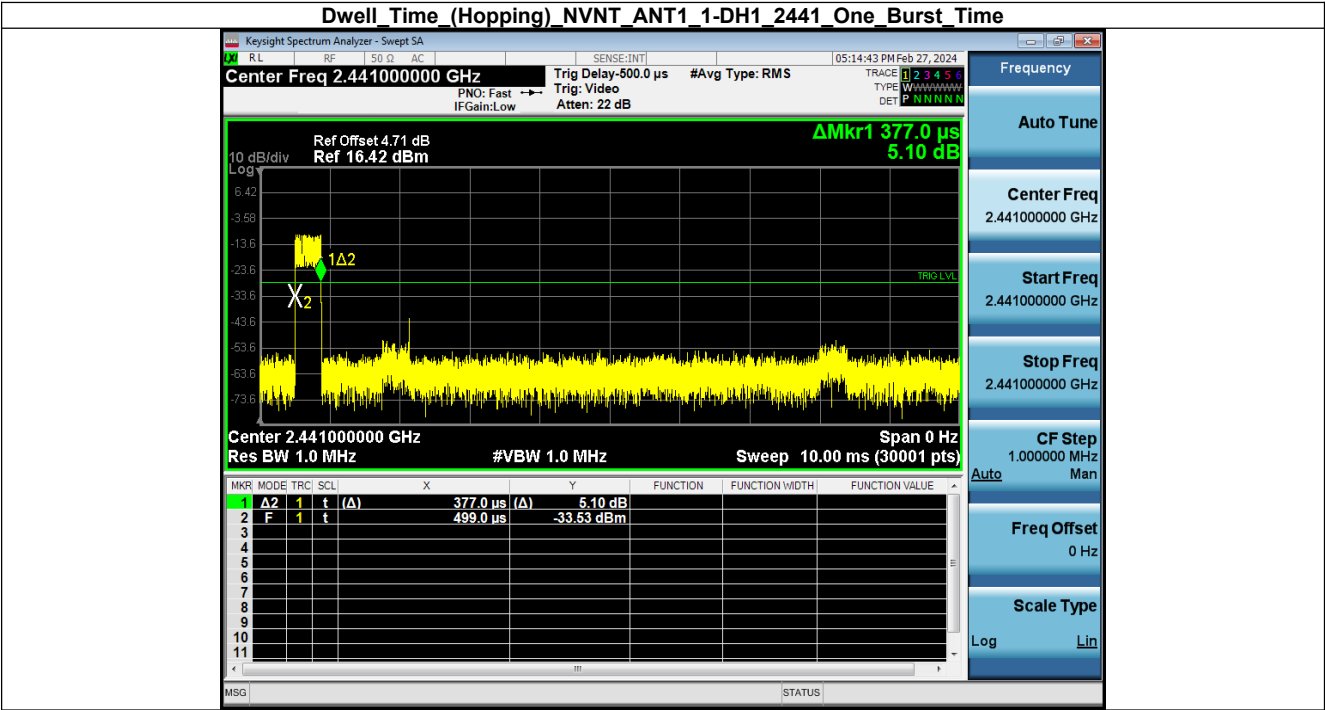


Number_of_Hopping_Channel_(Hopping)_HVNT_ANT1_3-DH1_Hopping

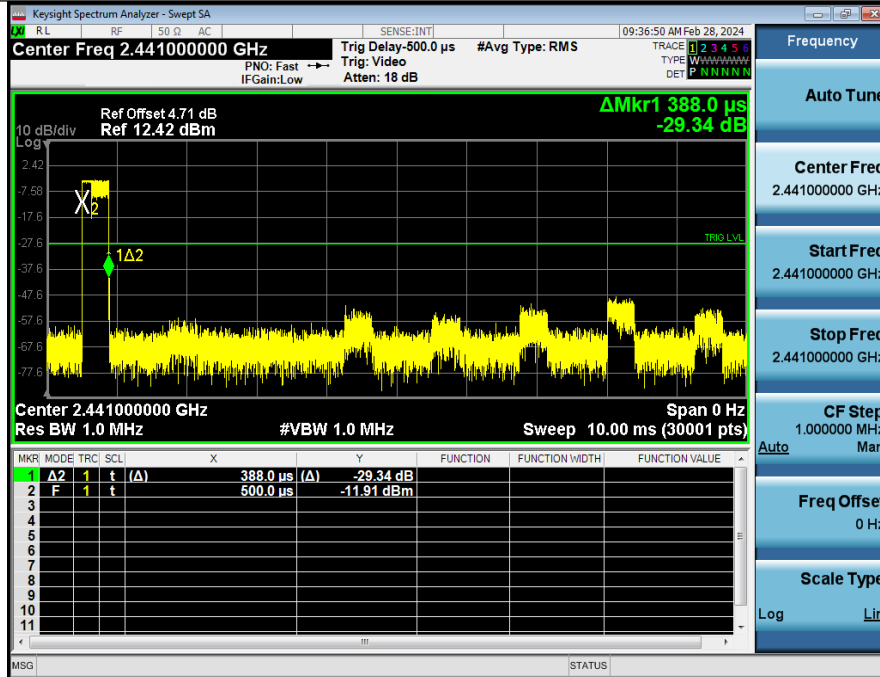


8. Dwell Time (Hopping)

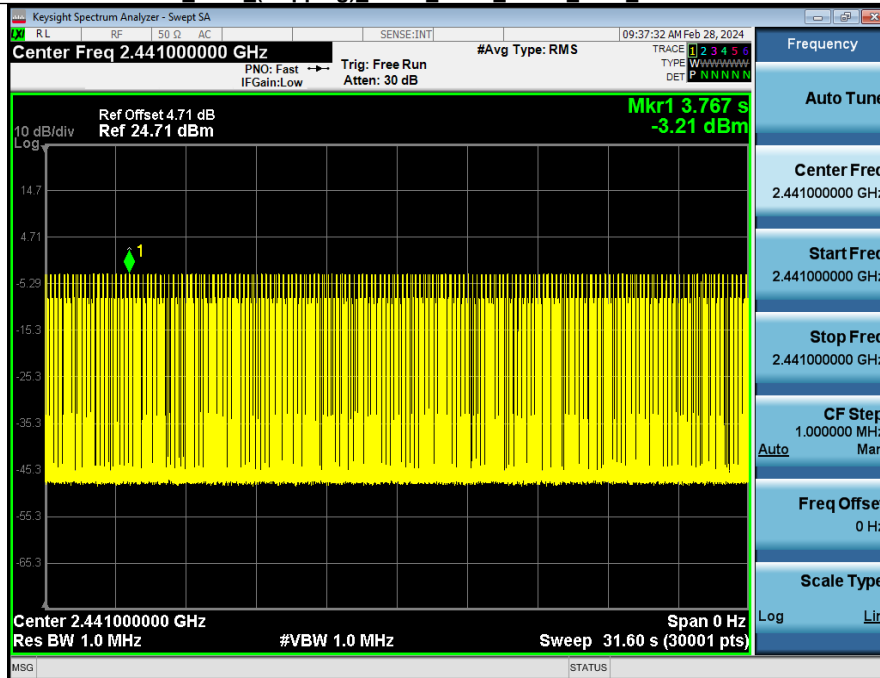
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.377	320.00	120.640	0.40	Pass
HVNT	ANT1	2-DH1	0.388	320.00	124.160	0.40	Pass
HVNT	ANT1	3-DH1	0.389	320.00	124.480	0.40	Pass
HVNT	ANT1	1-DH3	1.634	158.00	258.172	0.40	Pass
HVNT	ANT1	1-DH5	2.882	103.00	296.846	0.40	Pass
HVNT	ANT1	2-DH3	1.640	150.00	246.000	0.40	Pass
HVNT	ANT1	2-DH5	2.888	114.00	329.232	0.40	Pass
HVNT	ANT1	3-DH3	1.639	156.00	255.684	0.40	Pass
HVNT	ANT1	3-DH5	2.890	112.00	323.680	0.40	Pass



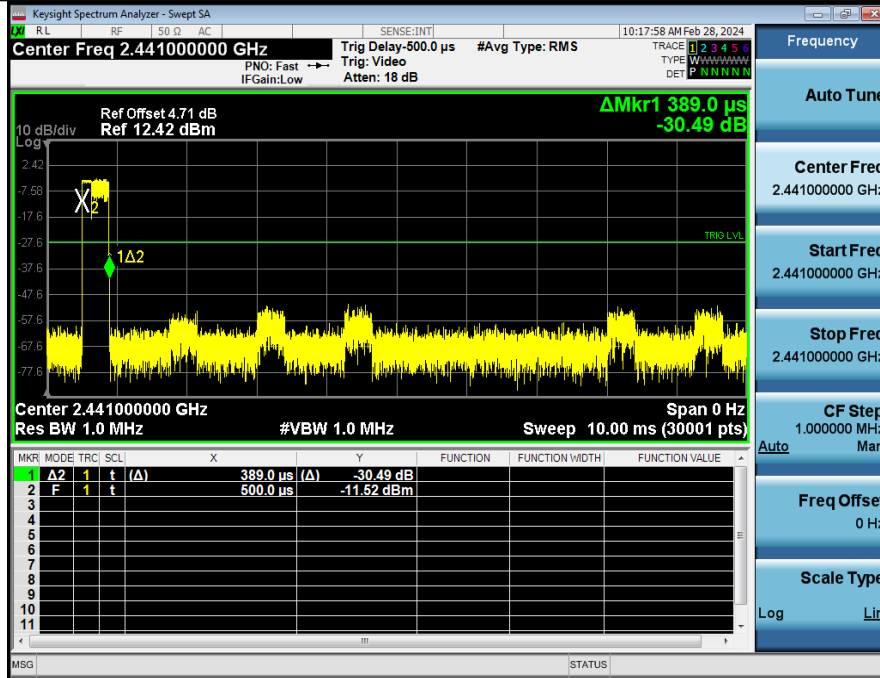
Dwell Time (Hopping) HVNT_ANT1_2-DH1_2441_One_Burst_Time



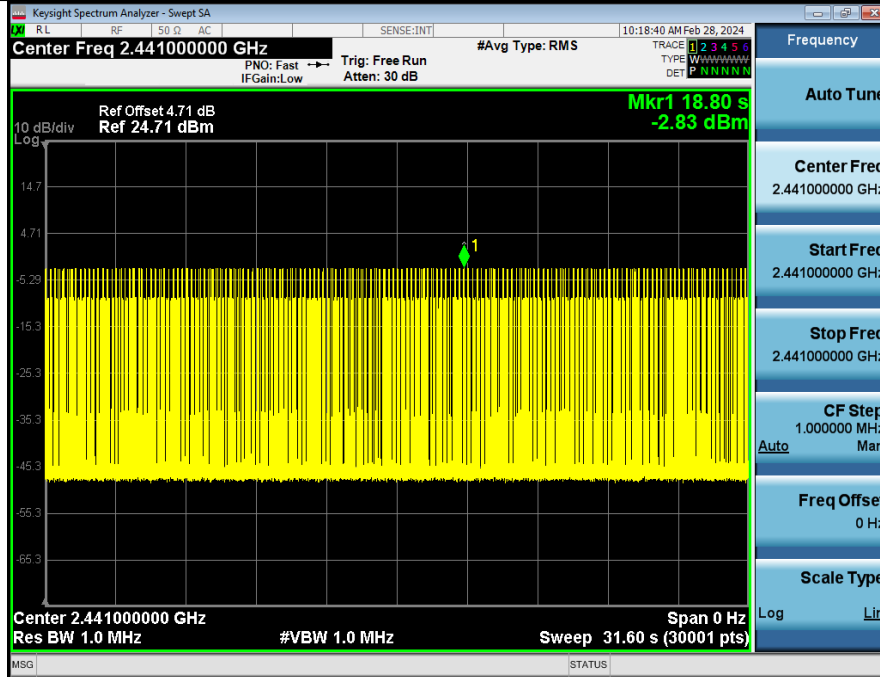
Dwell Time (Hopping) HVNT_ANT1_2-DH1_2441_Accumulated



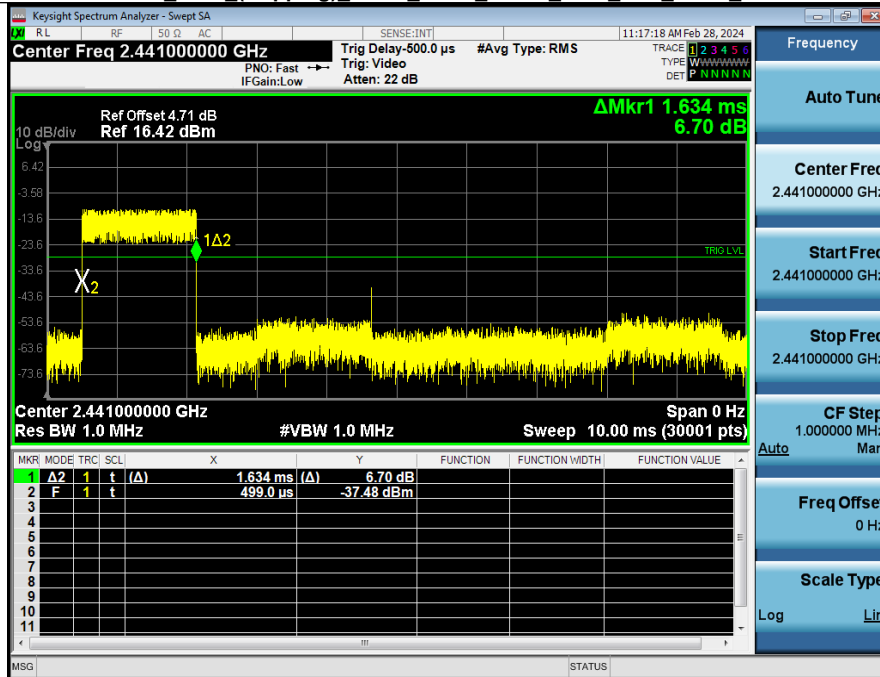
Dwell Time (Hopping) HVNT_ANT1_3-DH1_2441_One_Burst_Time



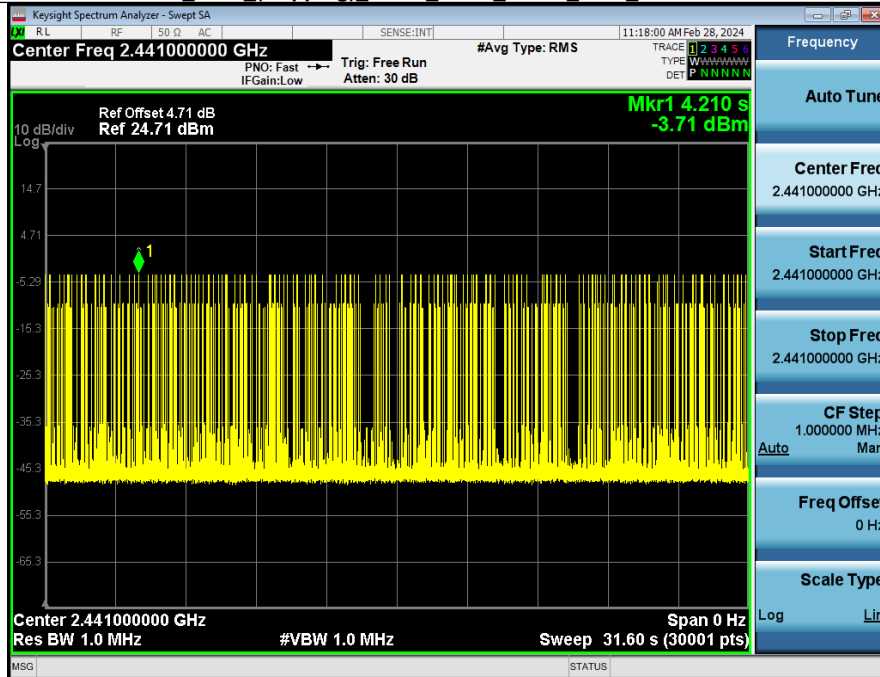
Dwell Time (Hopping) HVNT_ANT1_3-DH1_2441_Accumulated



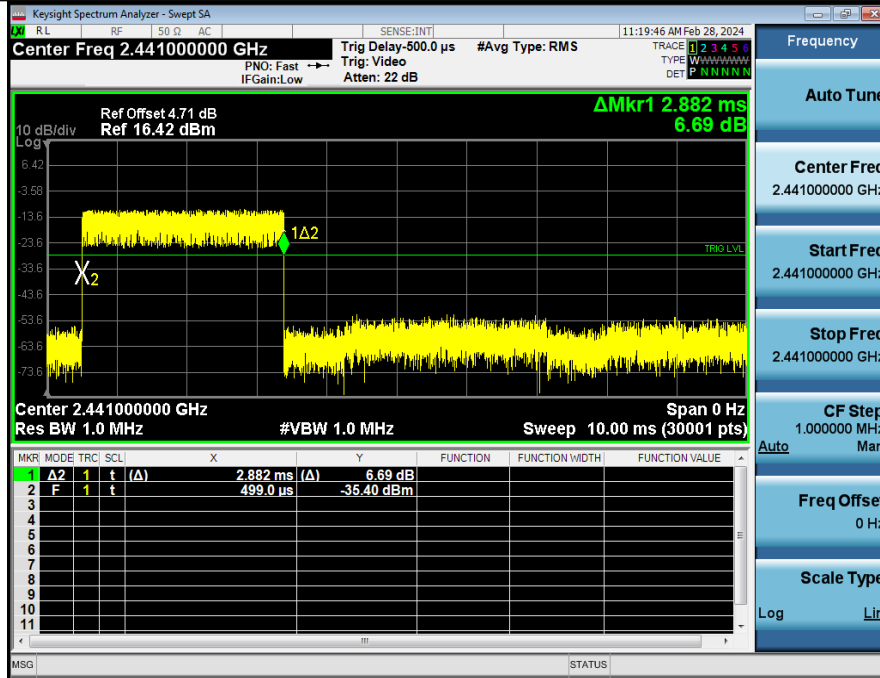
Dwell Time (Hopping) HVNT_ANT1_1-DH3_2441_One_Burst_Time



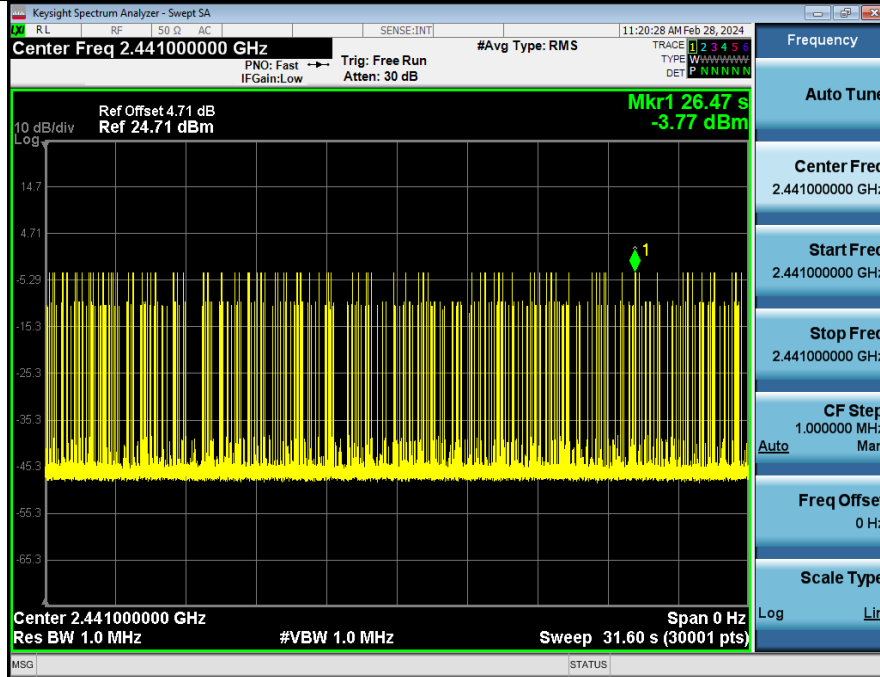
Dwell Time (Hopping) HVNT_ANT1_1-DH3_2441_Accumulated



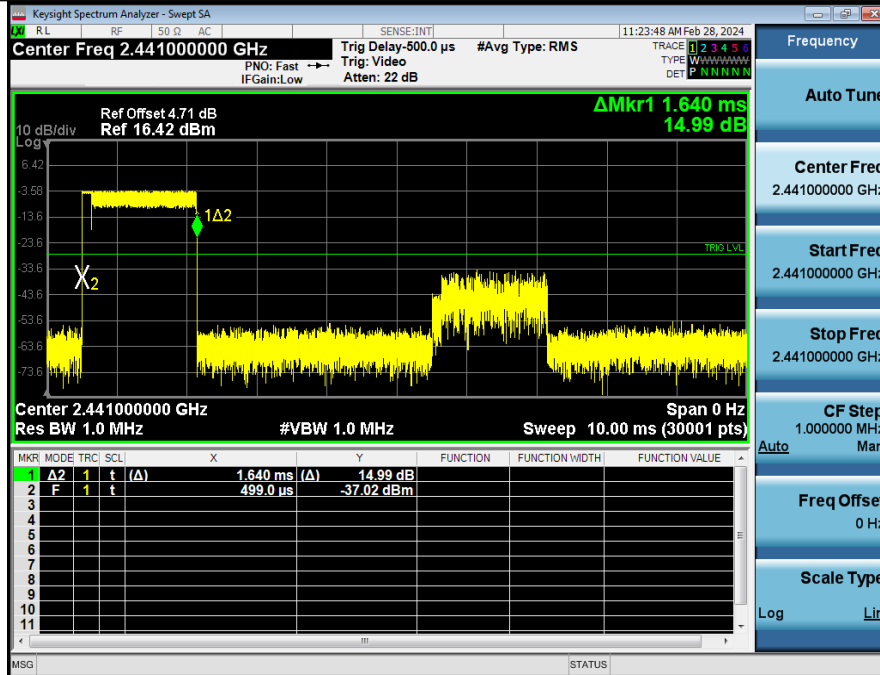
Dwell Time (Hopping) HVNT_ANT1_1-DH5_2441_One_Burst_Time



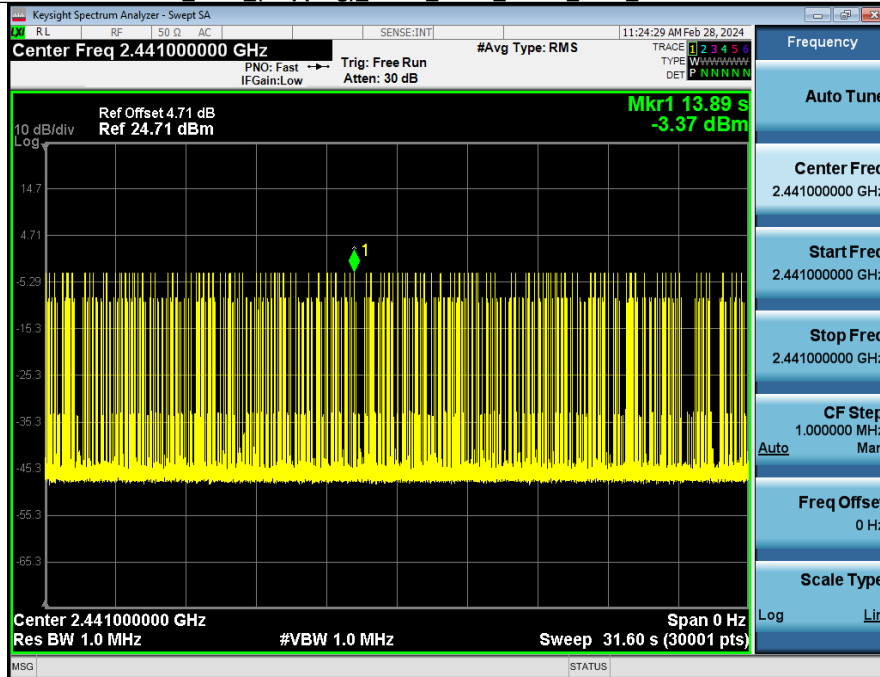
Dwell Time (Hopping) HVNT_ANT1_1-DH5_2441_Accumulated



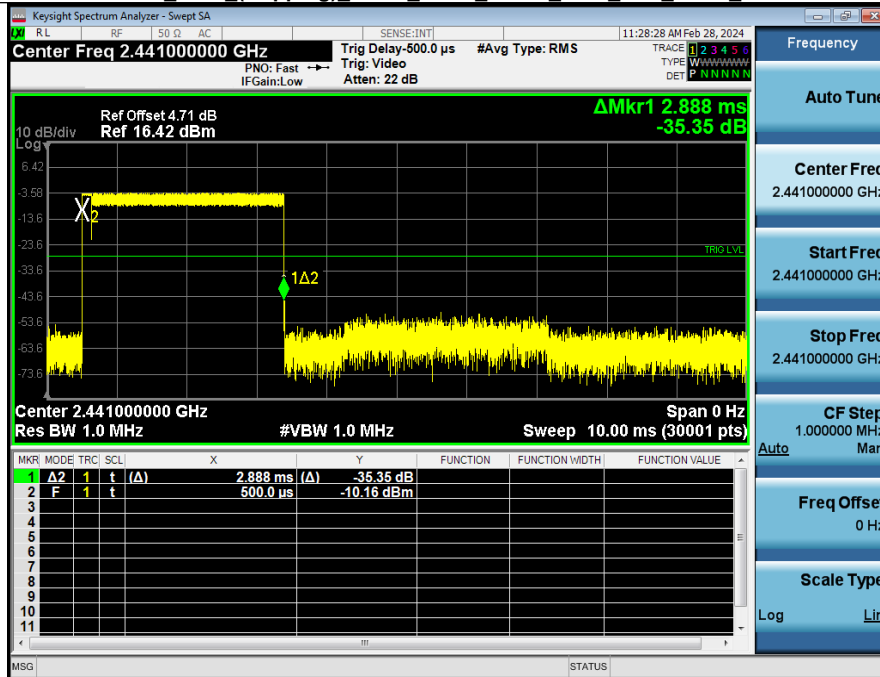
Dwell Time (Hopping) HVNT_ANT1_2-DH3_2441_One_Burst_Time



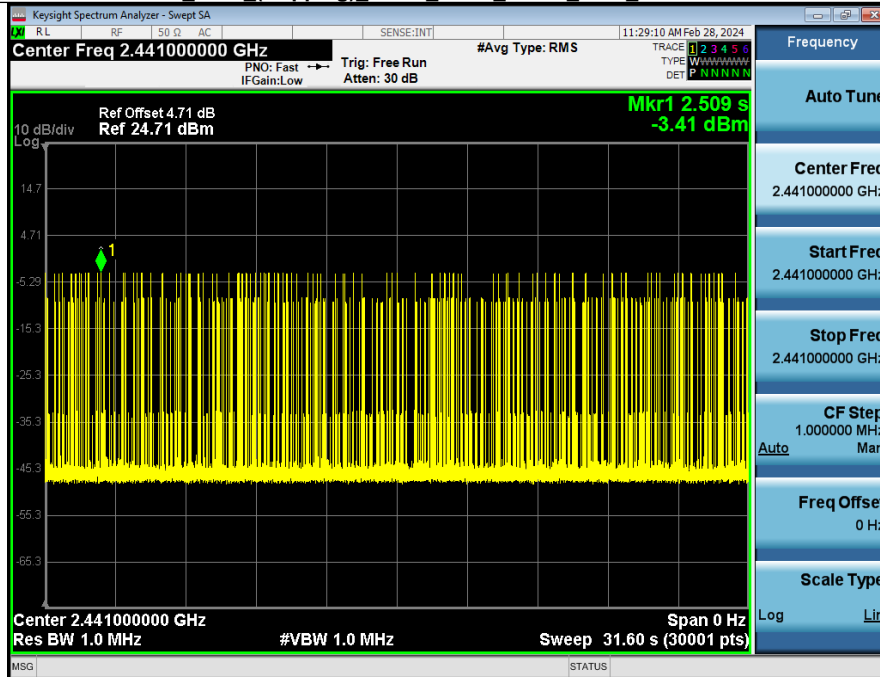
Dwell Time (Hopping) HVNT_ANT1_2-DH3_2441_Accumulated



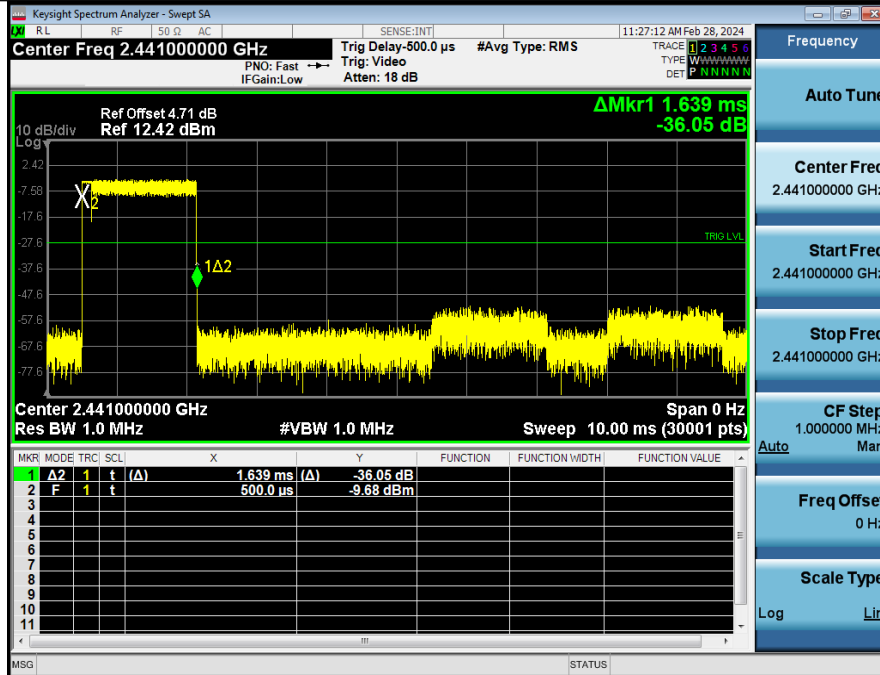
Dwell Time (Hopping) HVNT_ANT1_2-DH5_2441_One_Burst_Time



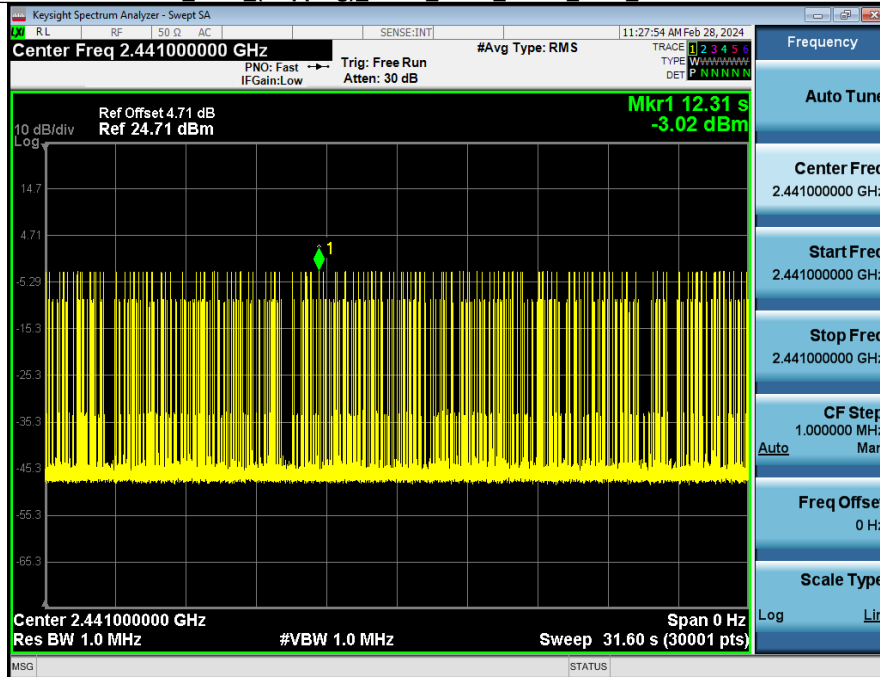
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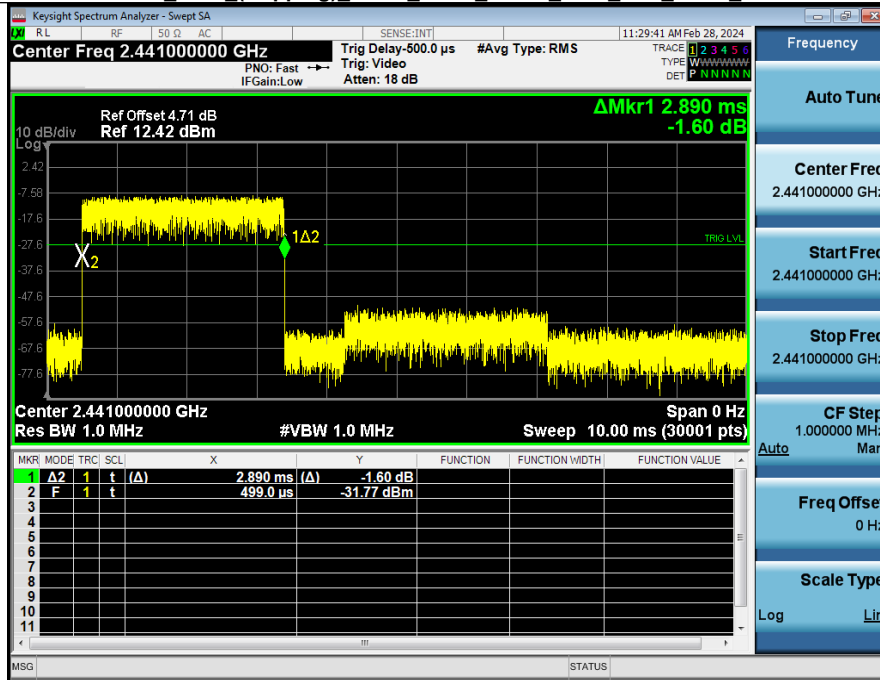
Dwell Time (Hopping) HVNT_ANT1_3-DH3_2441_One_Burst_Time



Dwell Time (Hopping) HVNT_ANT1_3-DH3_2441_Accumulated



Dwell Time (Hopping) HVNT_ANT1_3-DH5_2441_One_Burst_Time



Dwell Time (Hopping) HVNT_ANT1_3-DH5_2441_Accumulated

