

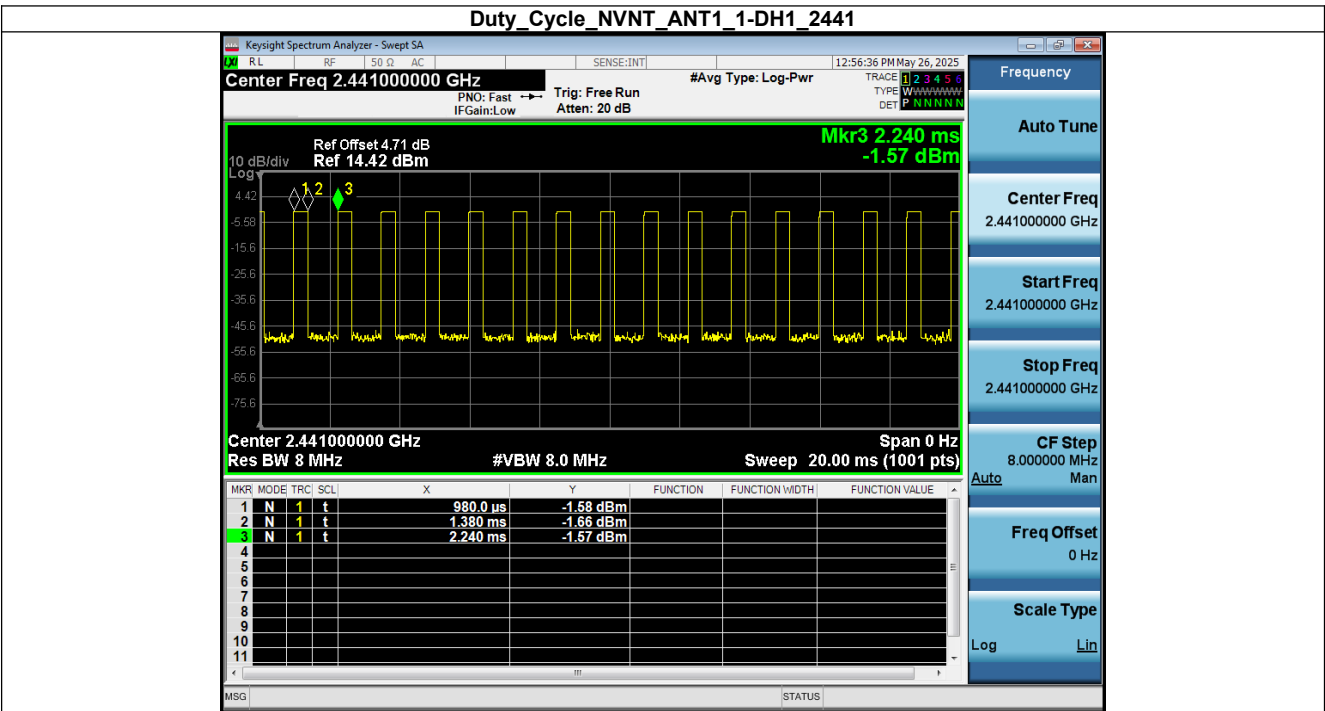
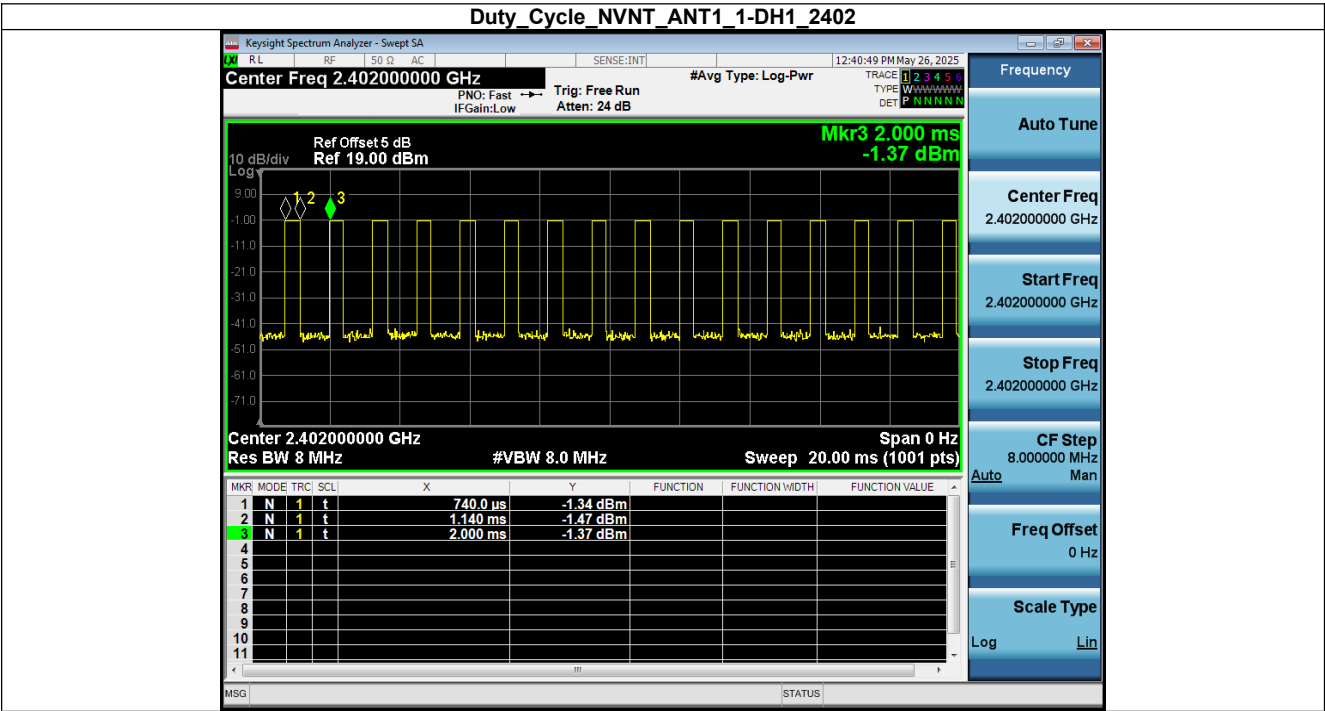
FCC_BT (Part15.247) Test Data
Report No.: NCT25021594XE1-1
FCC ID: 2AOKX-HQ536N

Table of Contents

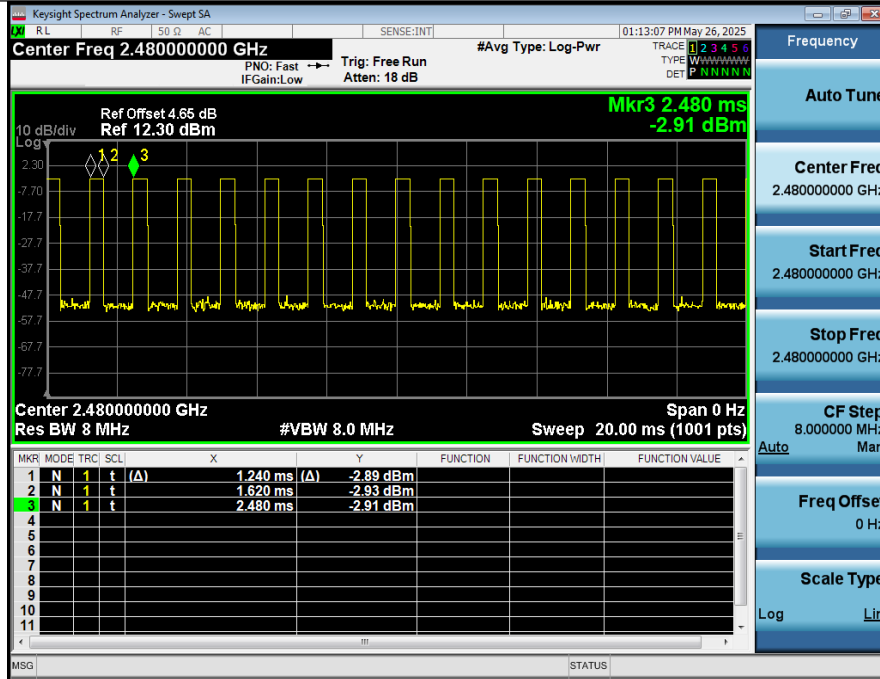
1. Duty Cycle	2
2. -20dB Bandwidth	5
3. 99% Occupied Bandwidth	8
4. Peak Output Power	11
5. Spurious Emissions	14
6. Bandedge	20
7. Carrier Frequencies Separation (Hopping)	28
8. Number of Hopping Channel (Hopping)	31
9. Dwell Time (Hopping)	32

1. Duty Cycle

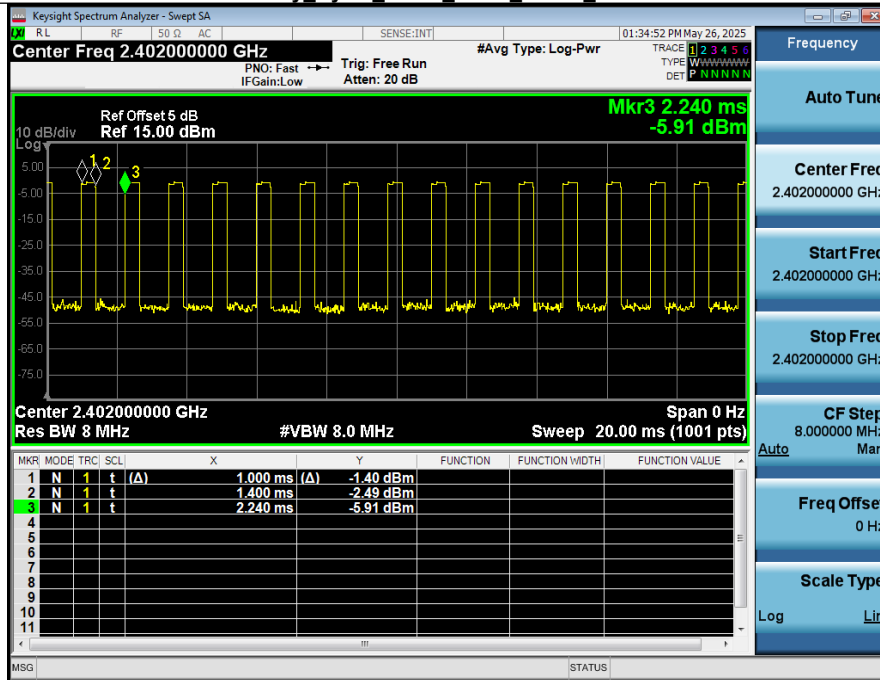
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	33.33	4.77
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	33.87	4.70
NVNT	ANT1	2-DH1	2441.00	32.26	4.91
NVNT	ANT1	2-DH1	2480.00	30.65	5.14



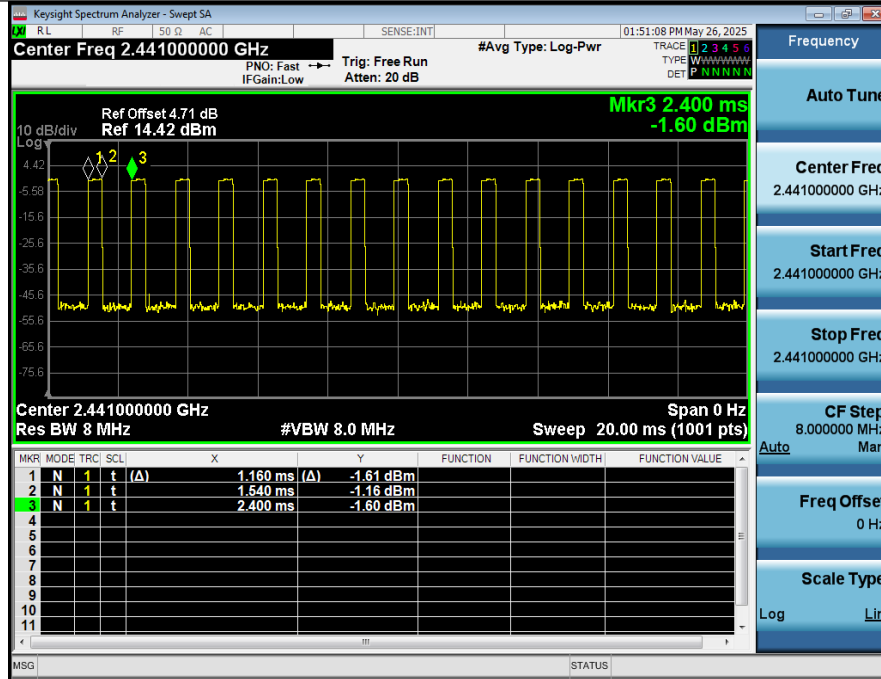
Duty Cycle NVNT_ANT1_1-DH1_2480



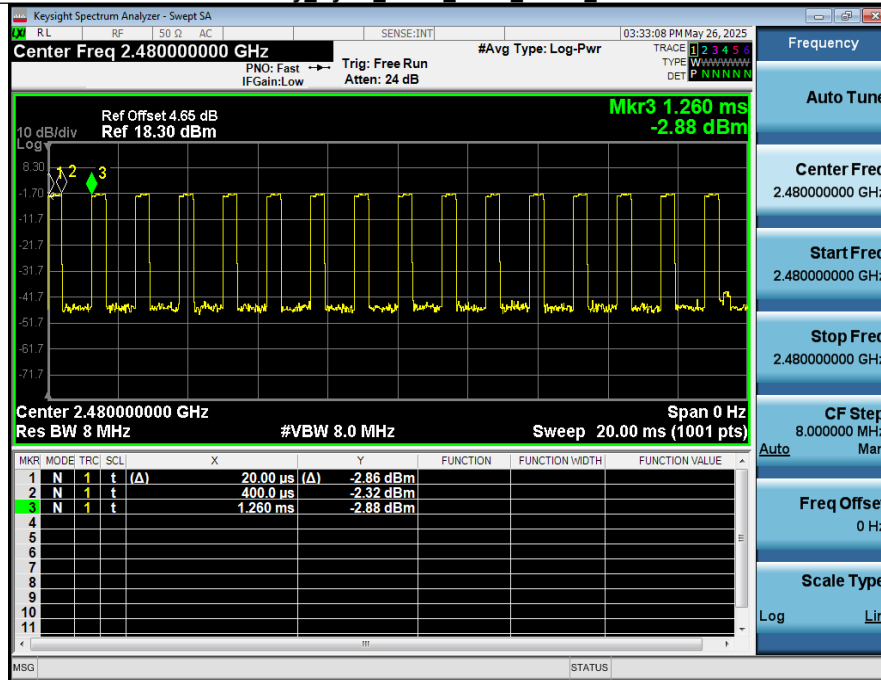
Duty Cycle NVNT_ANT1_2-DH1_2402



Duty Cycle NVNT_ANT1_2-DH1_2441

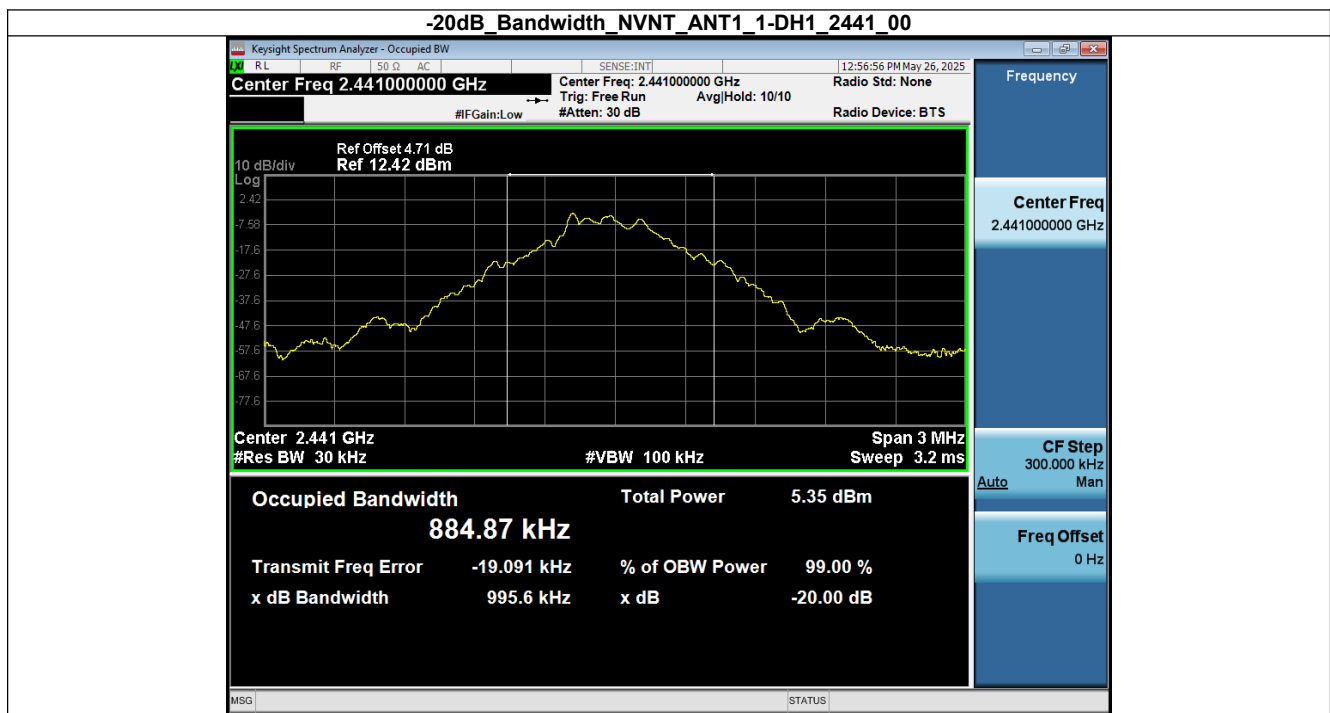
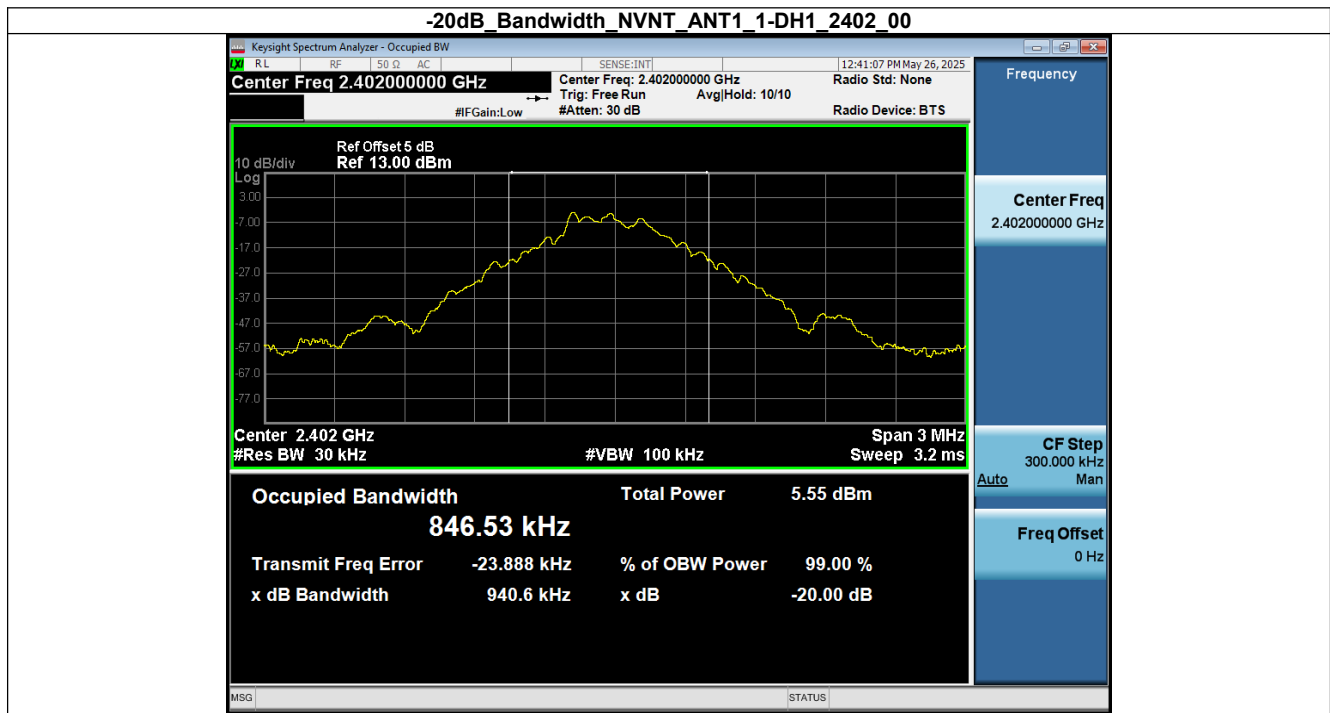


Duty Cycle NVNT_ANT1_2-DH1_2480

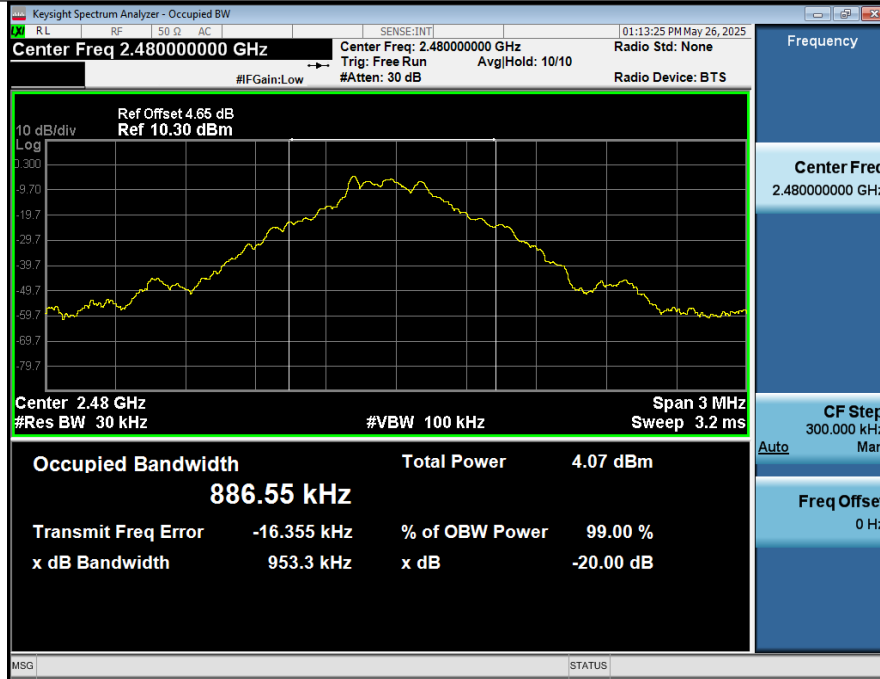


2. -20dB Bandwidth

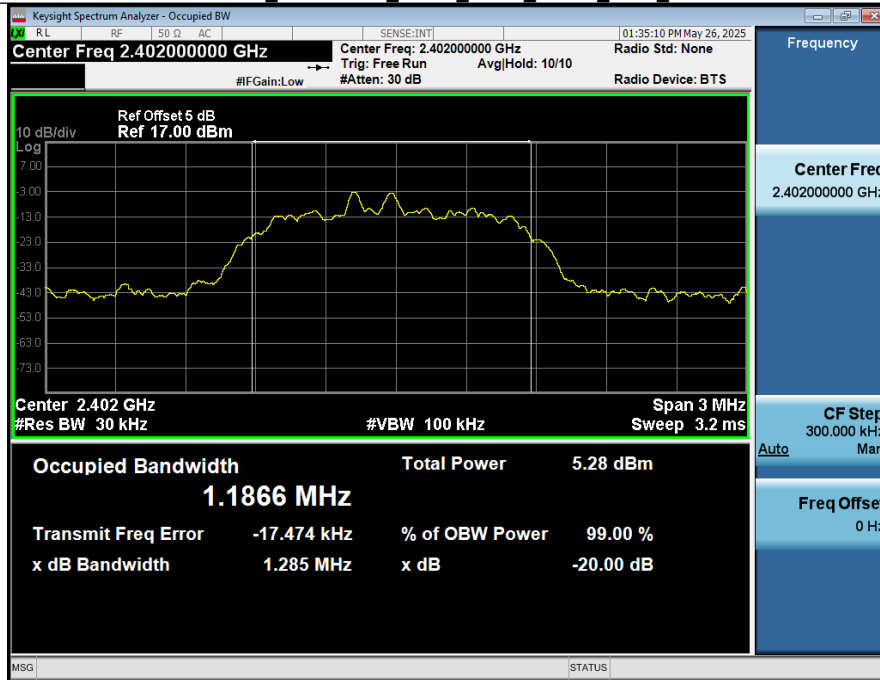
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.941	No
NVNT	ANT1	1-DH1	2441.00	0.996	No
NVNT	ANT1	1-DH1	2480.00	0.953	No
NVNT	ANT1	2-DH1	2402.00	1.285	Yes
NVNT	ANT1	2-DH1	2441.00	1.277	Yes
NVNT	ANT1	2-DH1	2480.00	1.261	Yes



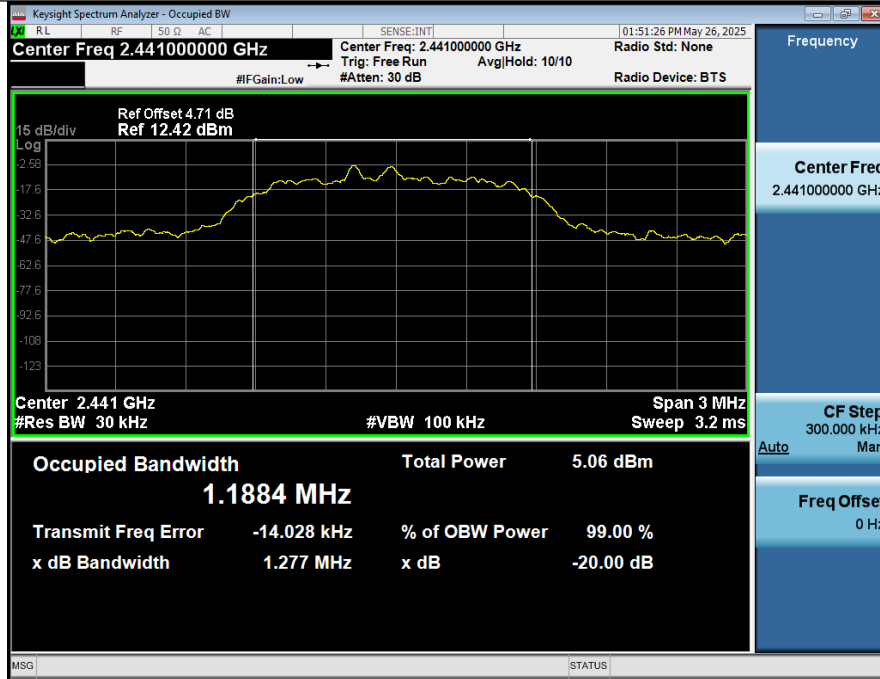
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



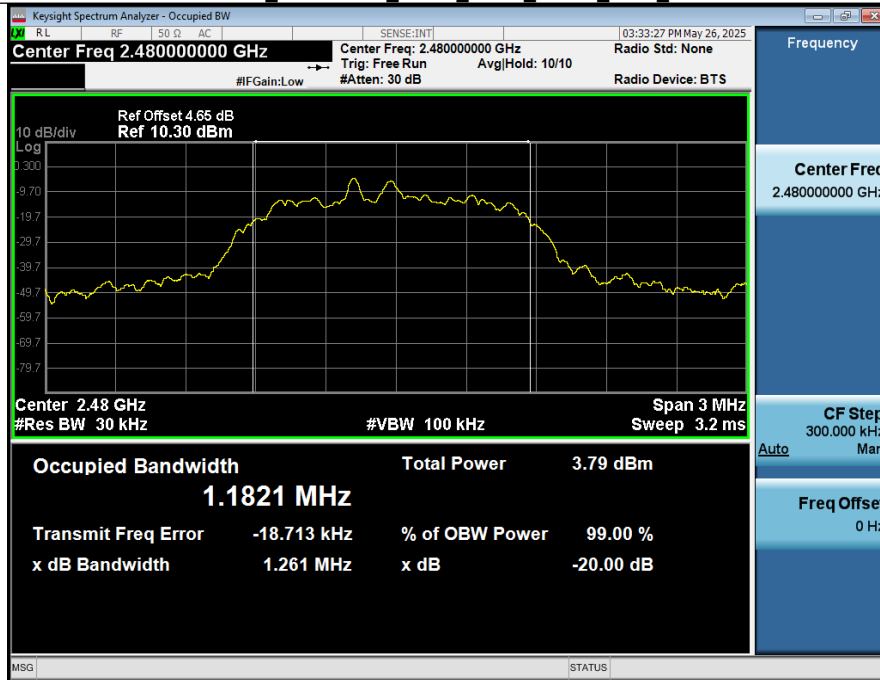
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00

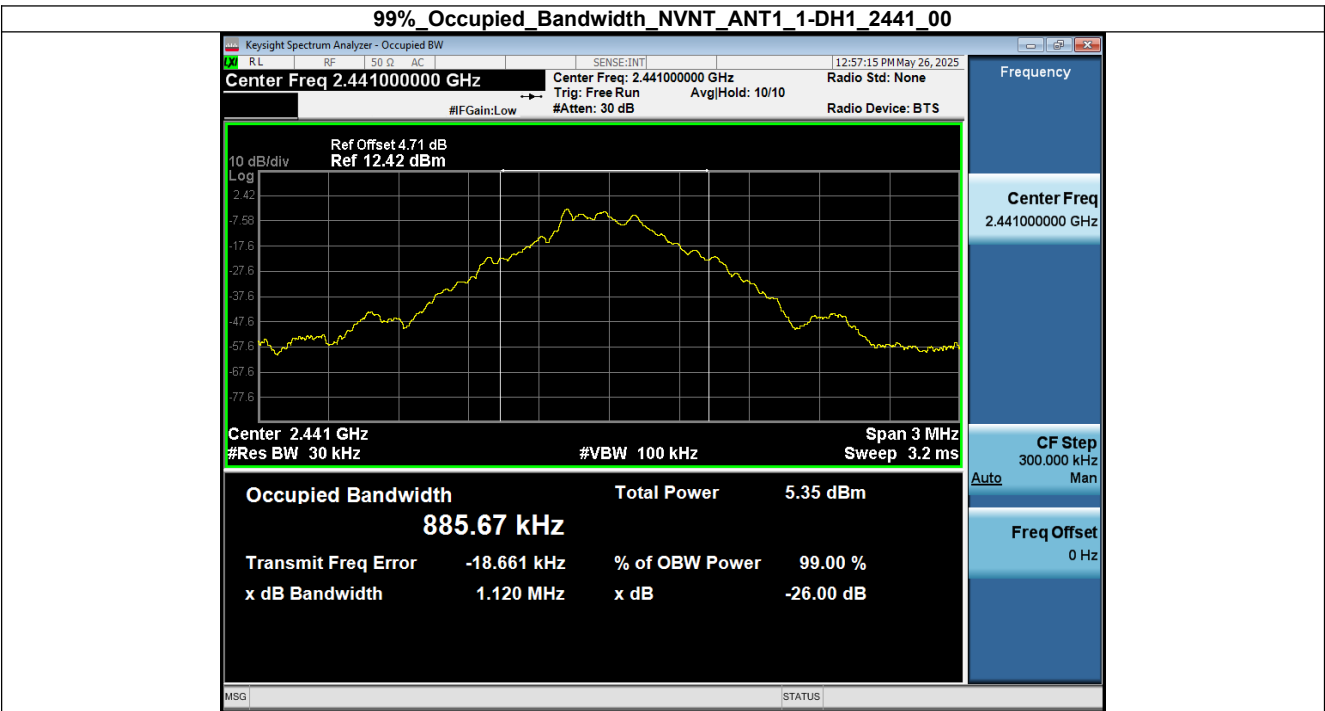
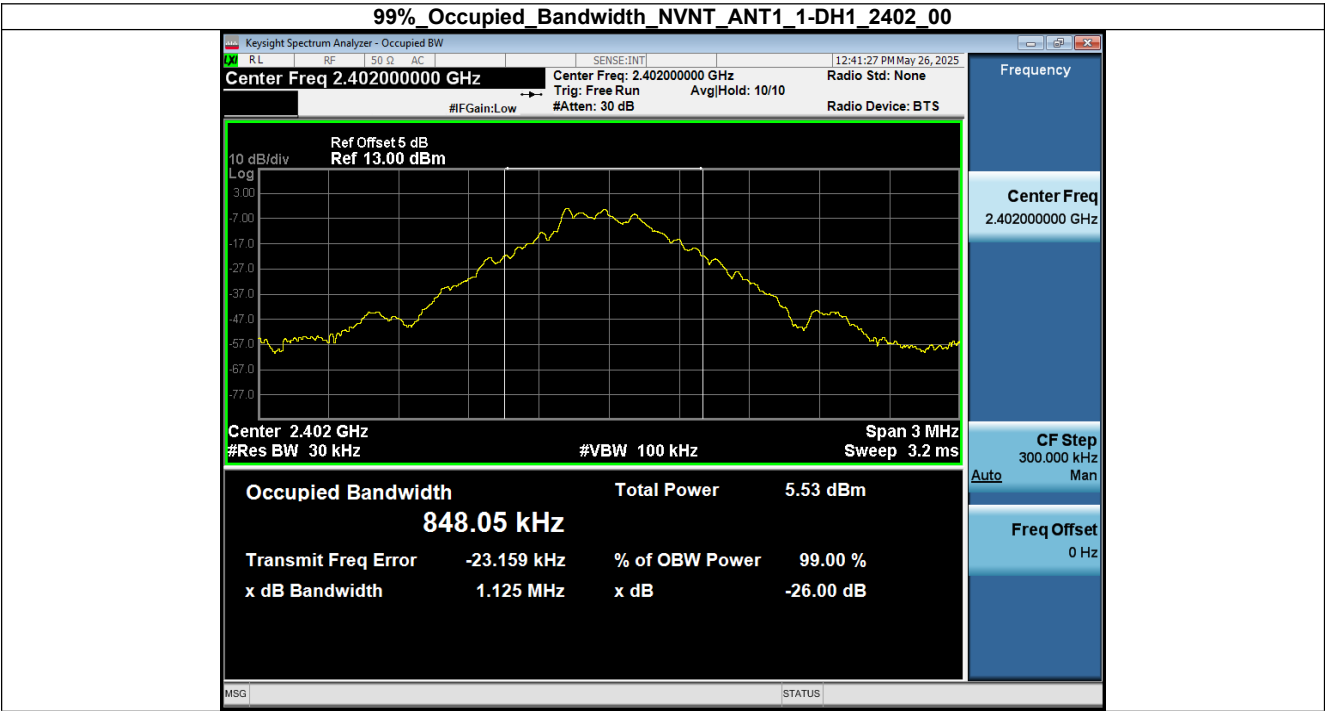


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

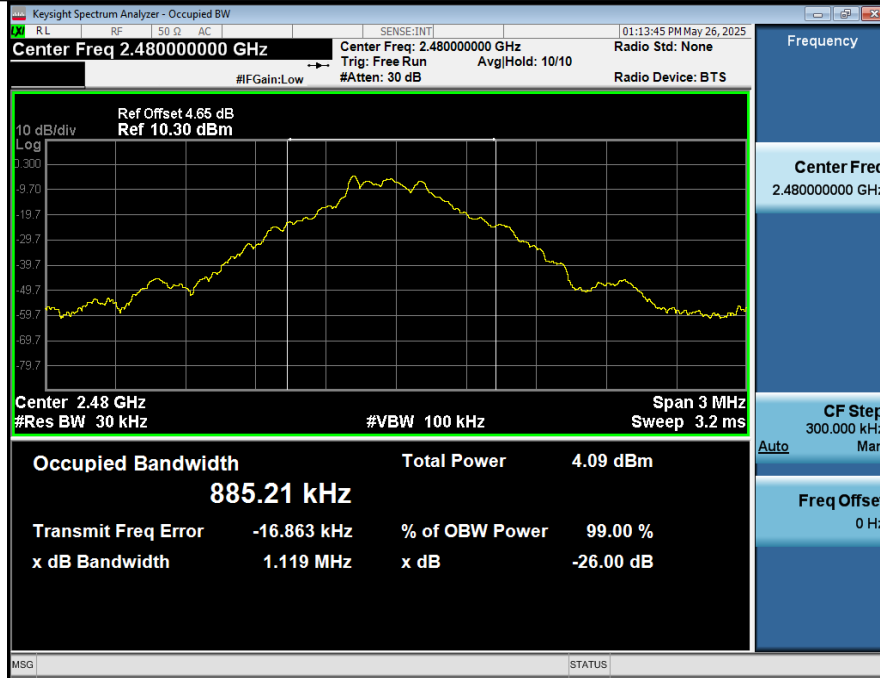


3. 99% Occupied Bandwidth

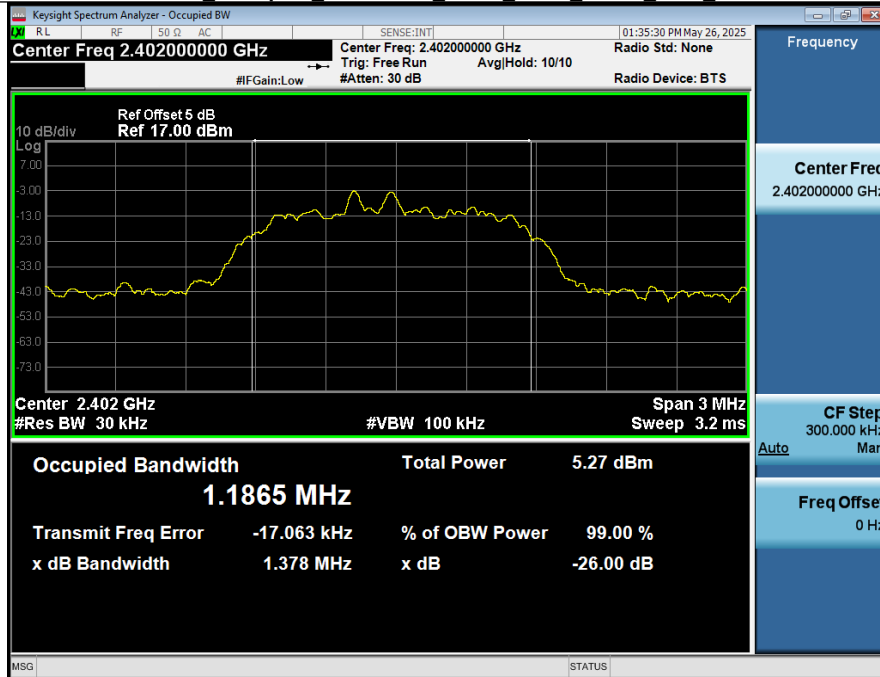
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.848
NVNT	ANT1	1-DH1	2441.00	0.886
NVNT	ANT1	1-DH1	2480.00	0.885
NVNT	ANT1	2-DH1	2402.00	1.186
NVNT	ANT1	2-DH1	2441.00	1.188
NVNT	ANT1	2-DH1	2480.00	1.181



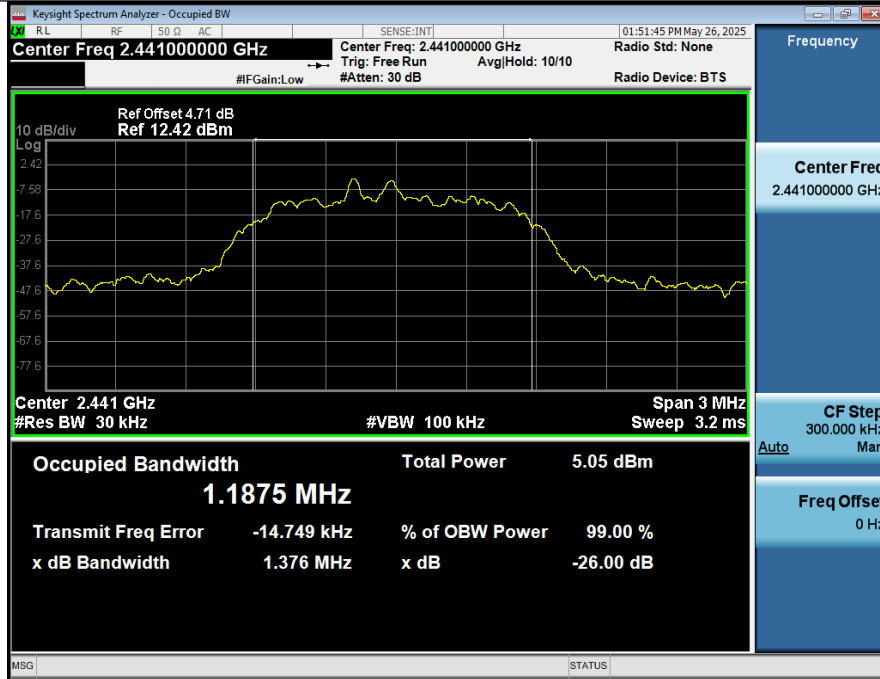
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



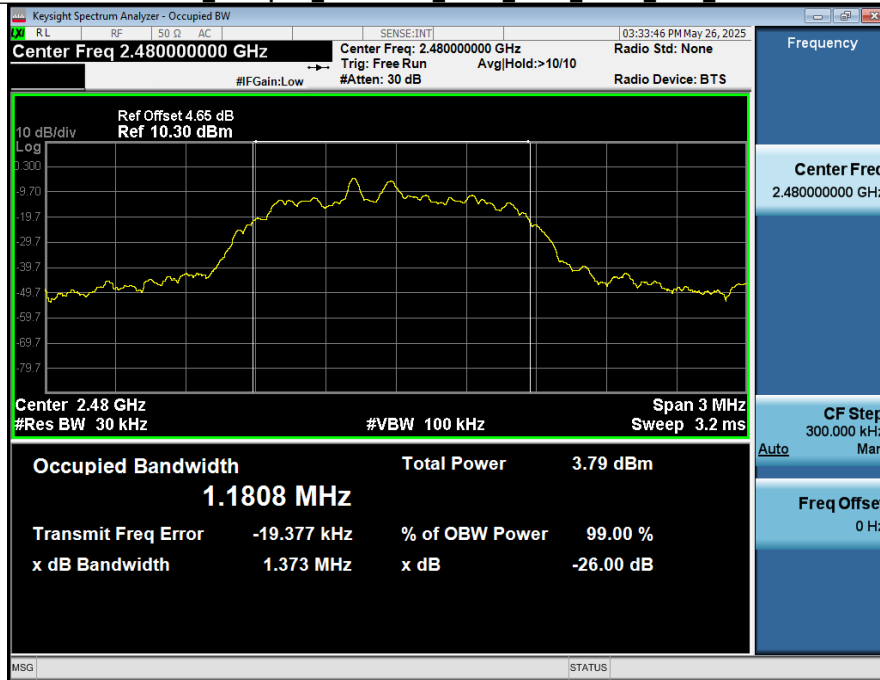
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00

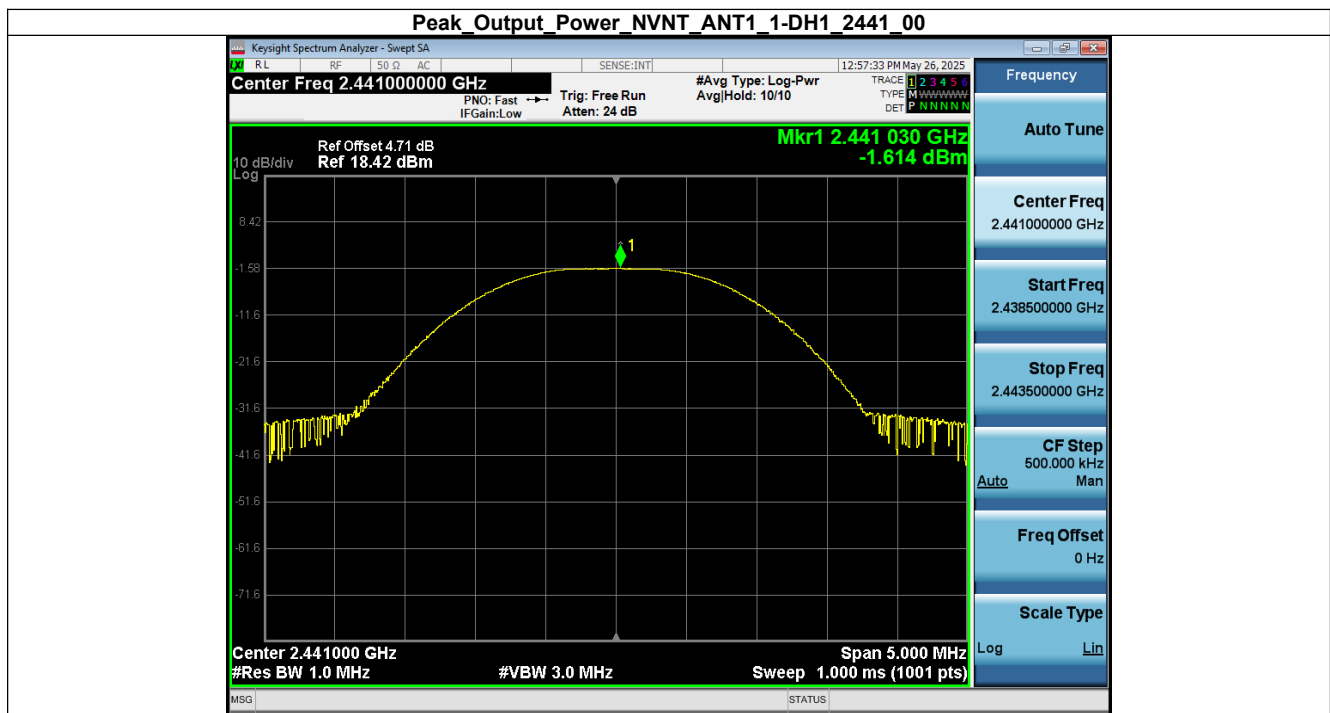
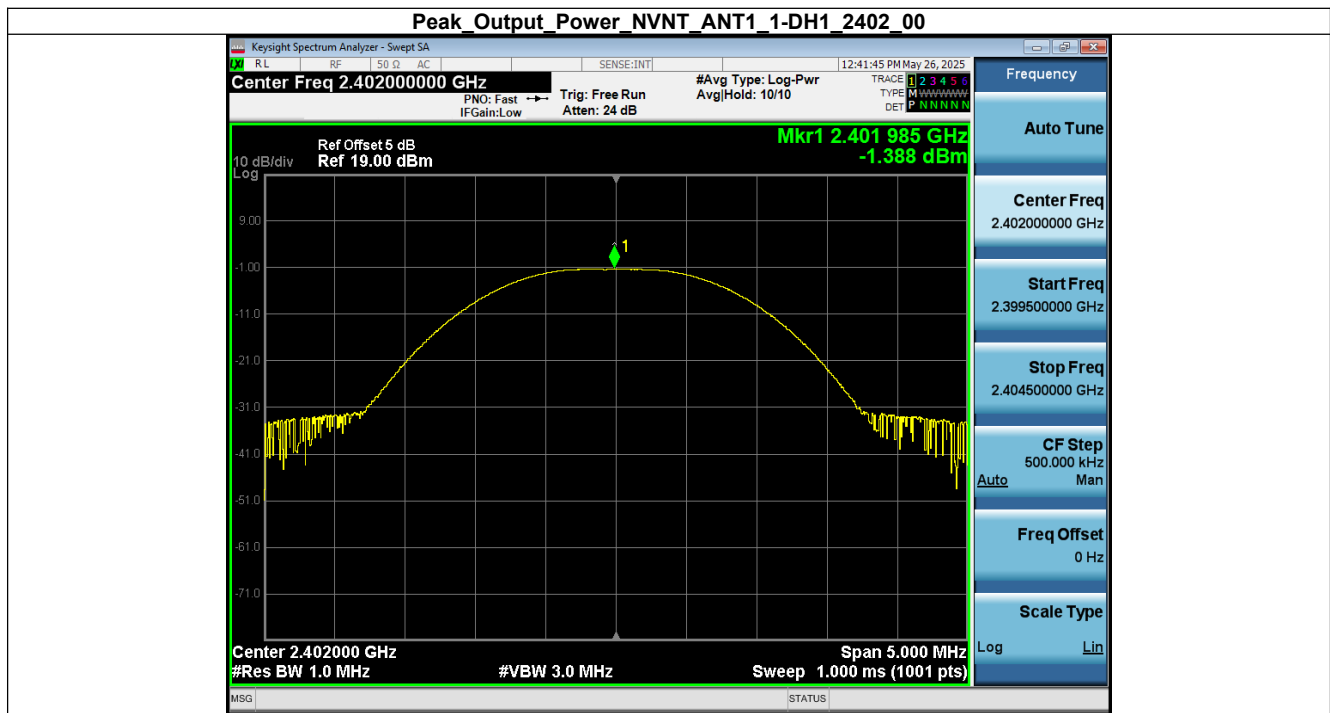


99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00

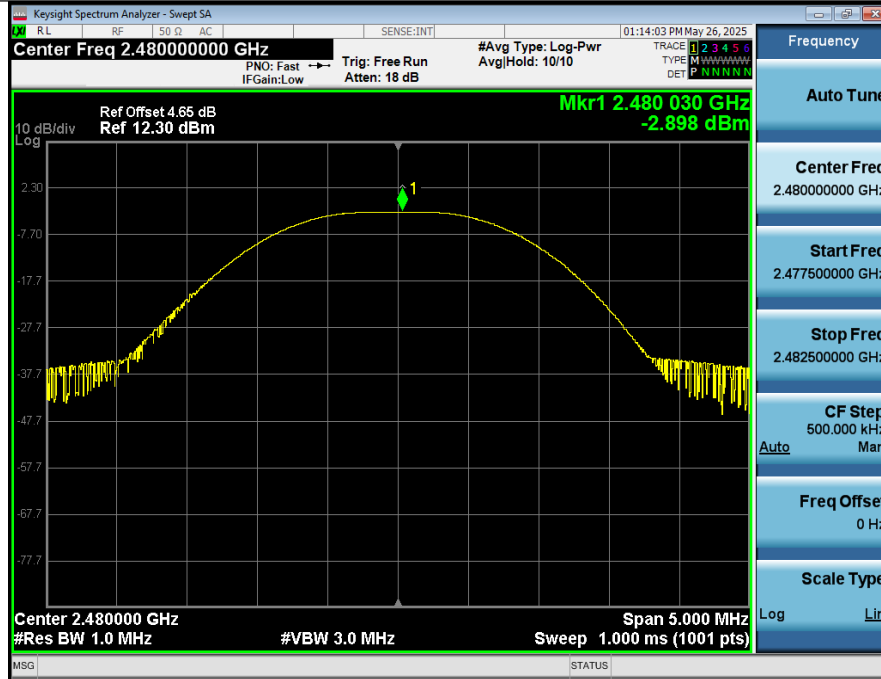


4. Peak Output Power

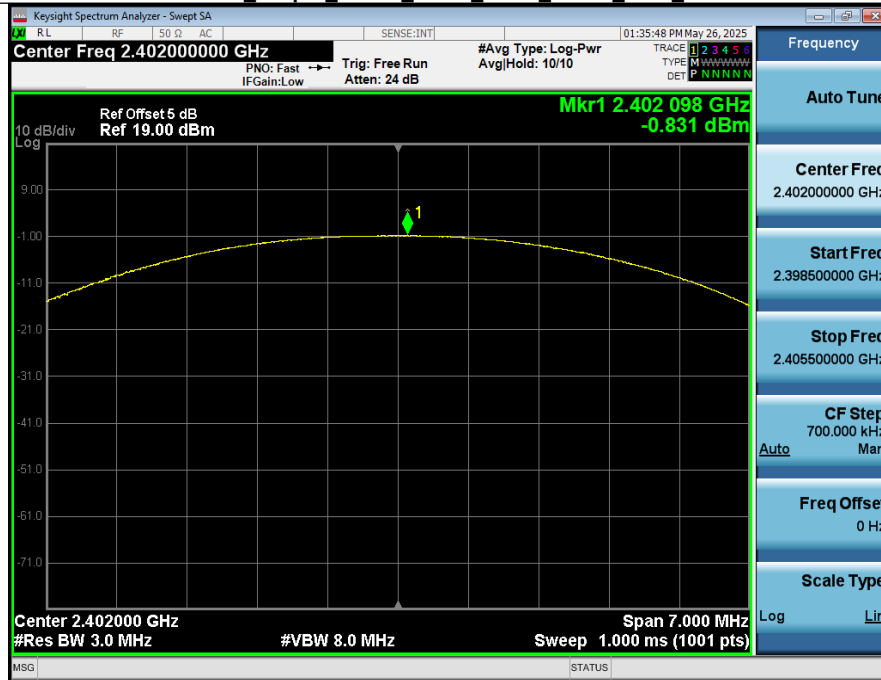
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-1.39	0.73	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-1.61	0.69	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.90	0.51	1000	Pass
NVNT	ANT1	2-DH1	2402.00	-0.83	0.83	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.99	0.80	125	Pass
NVNT	ANT1	2-DH1	2480.00	-2.22	0.60	125	Pass



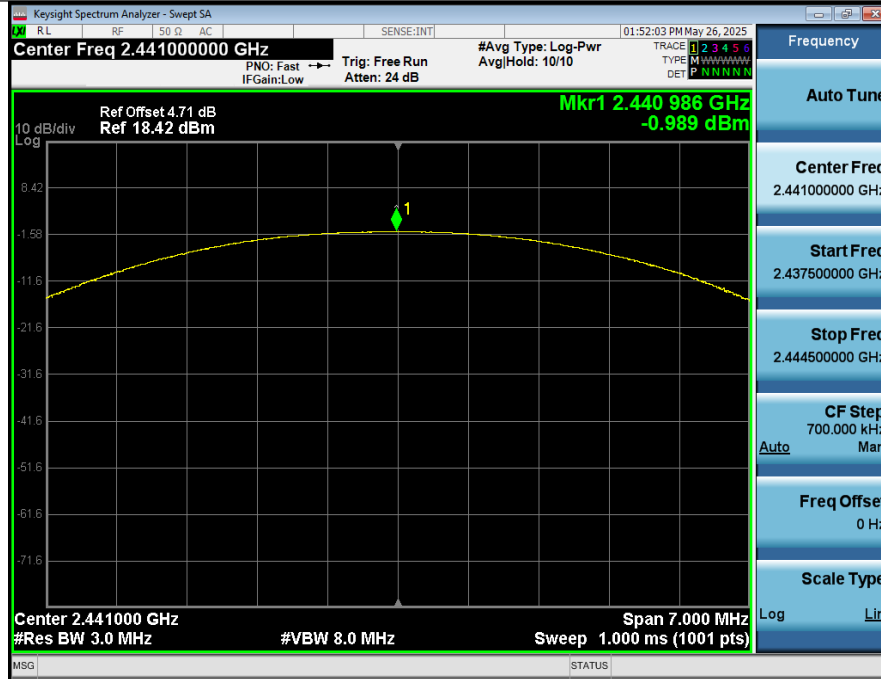
Peak Output Power_NVNT_ANT1_1-DH1_2480_00



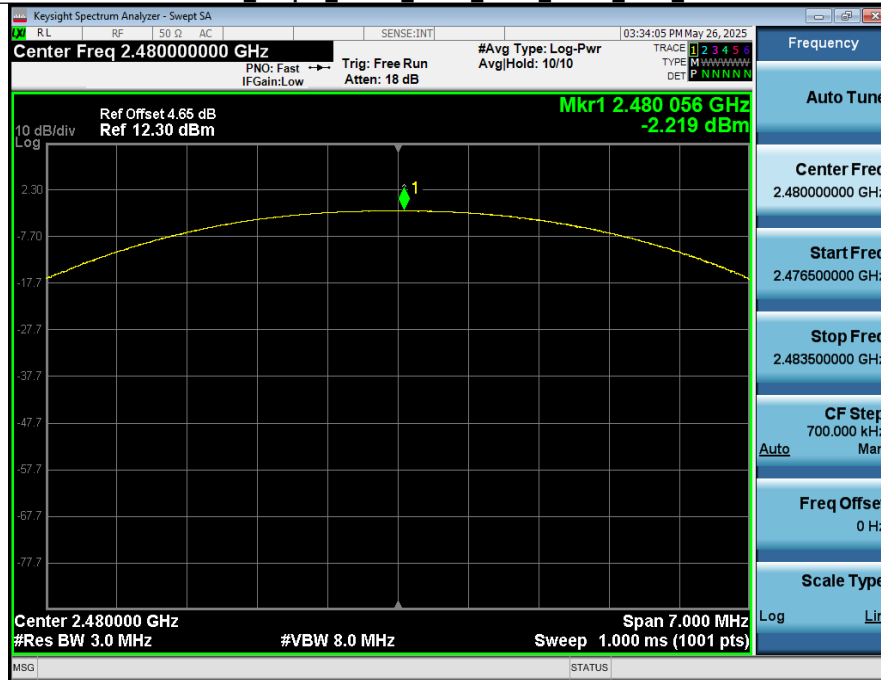
Peak Output Power_NVNT_ANT1_2-DH1_2402_00



Peak Output Power_NVNT_ANT1_2-DH1_2441_00

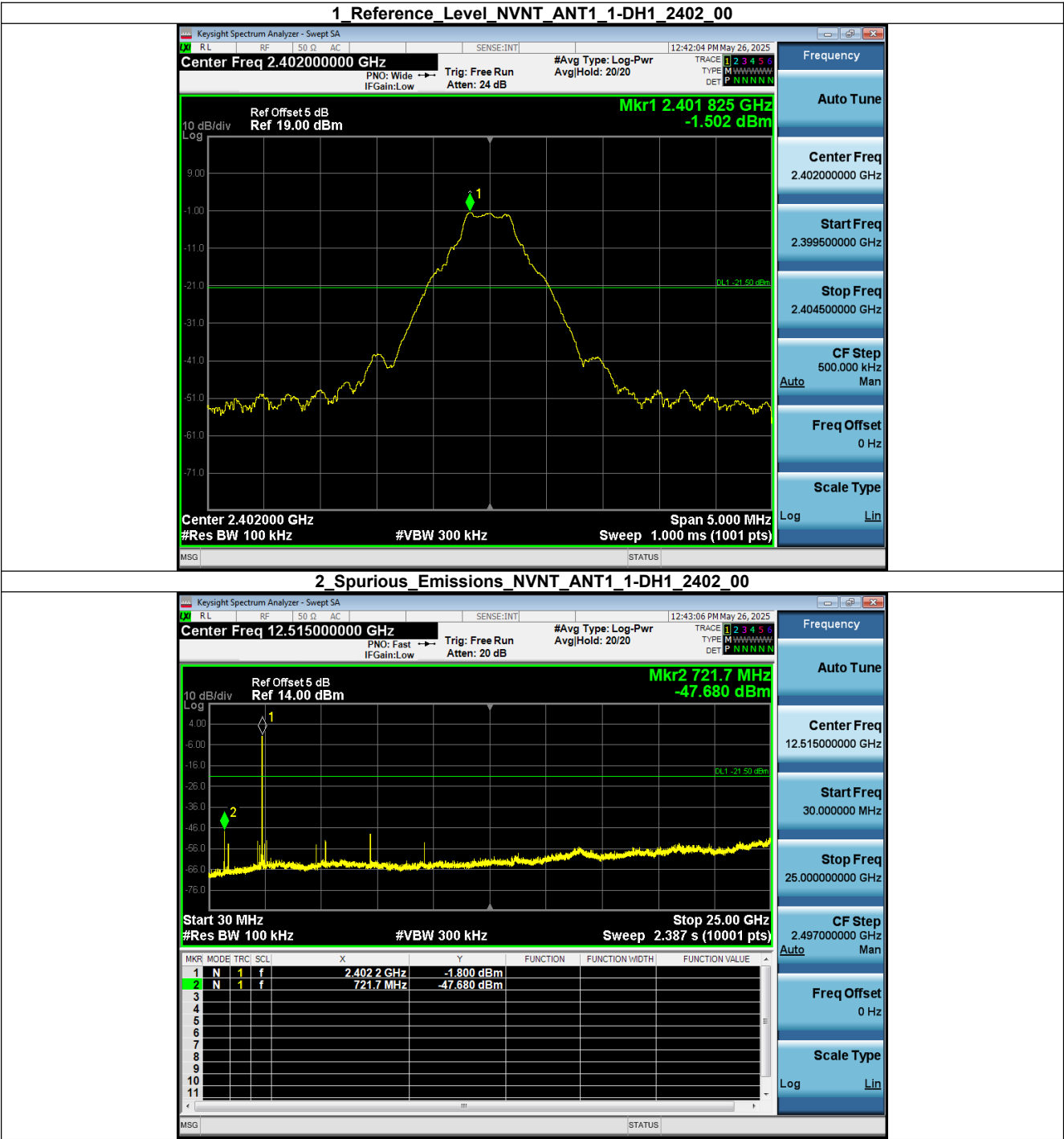


Peak Output Power_NVNT_ANT1_2-DH1_2480_00



5. Spurious Emissions

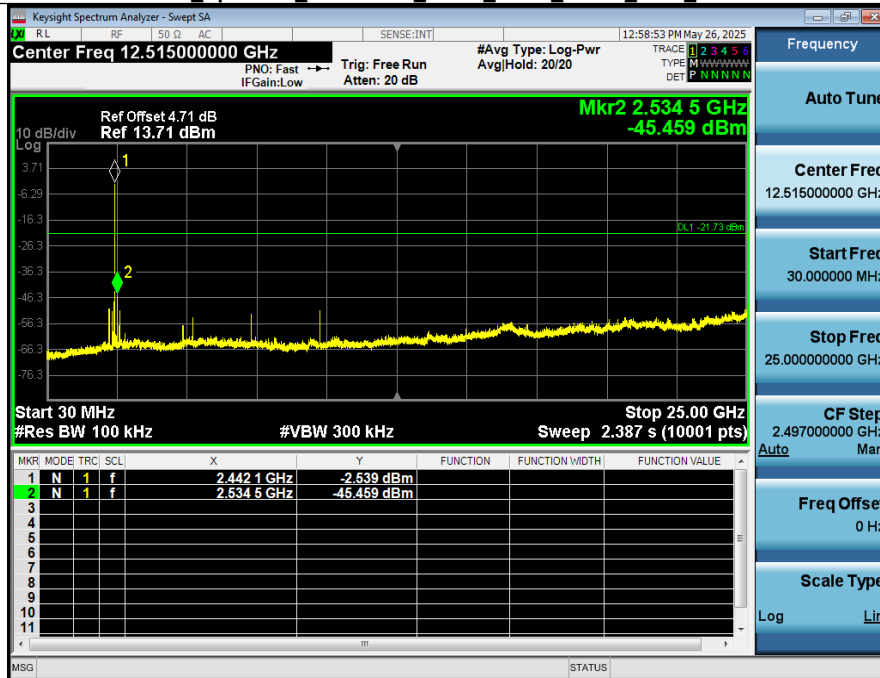
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.502	-47.680	-21.502	Pass
NVNT	ANT1	1-DH1	2441.00	-1.730	-45.459	-21.730	Pass
NVNT	ANT1	1-DH1	2480.00	-3.070	-38.819	-23.070	Pass
NVNT	ANT1	2-DH1	2402.00	-1.526	-35.559	-21.526	Pass
NVNT	ANT1	2-DH1	2441.00	-1.775	-45.493	-21.775	Pass
NVNT	ANT1	2-DH1	2480.00	-3.079	-46.756	-23.079	Pass



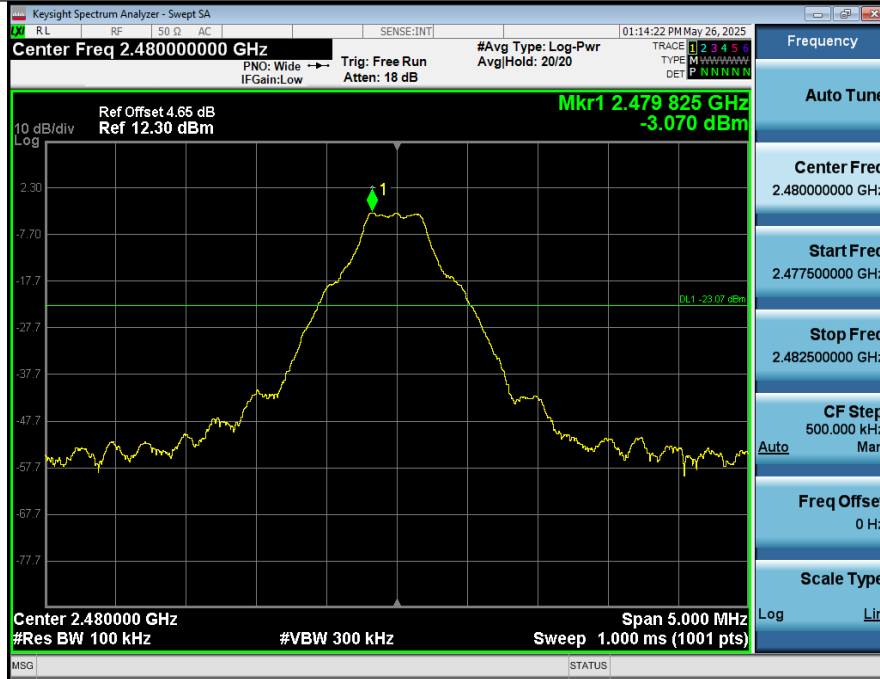
1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



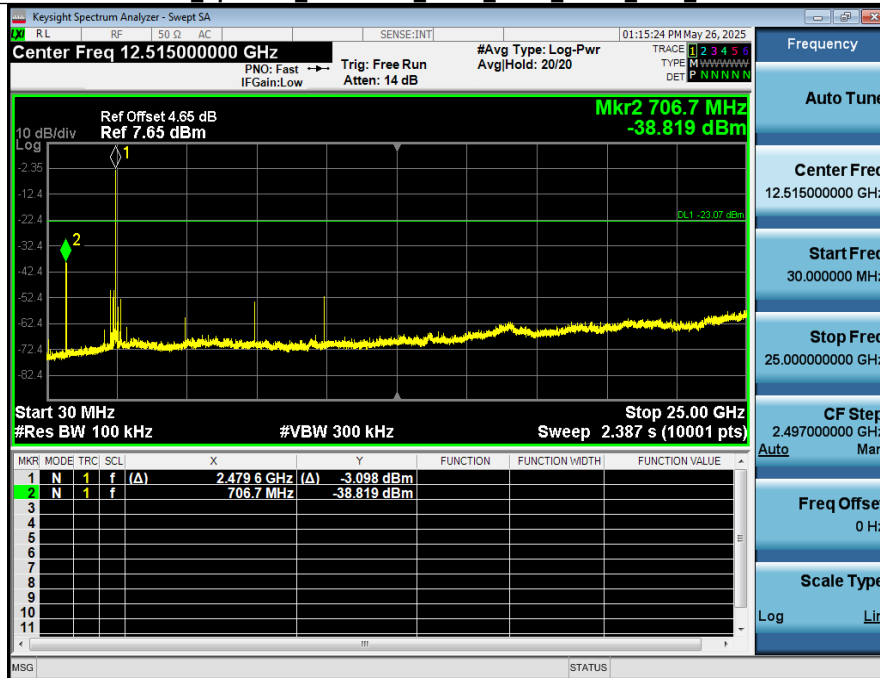
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



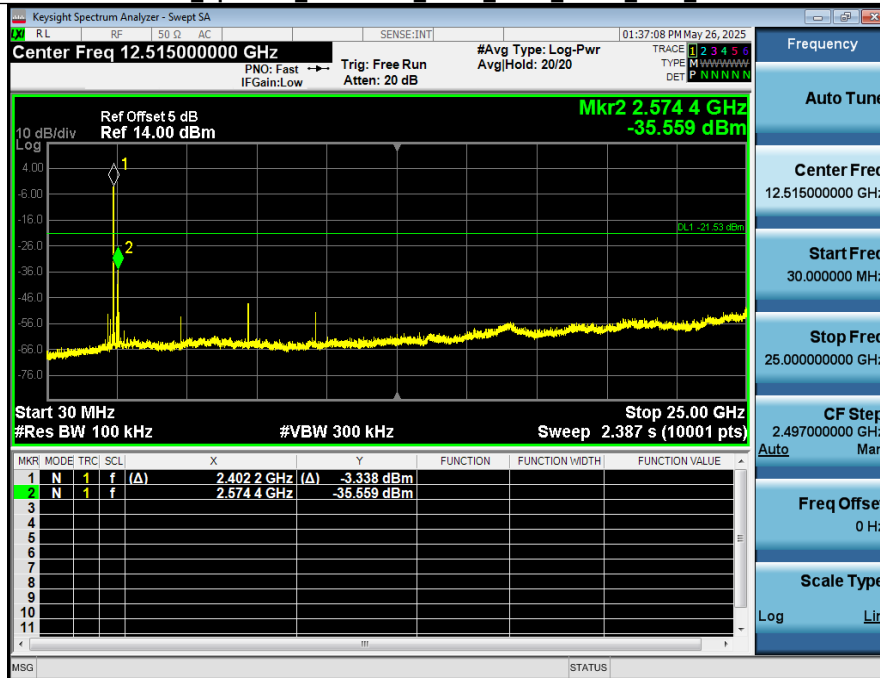
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



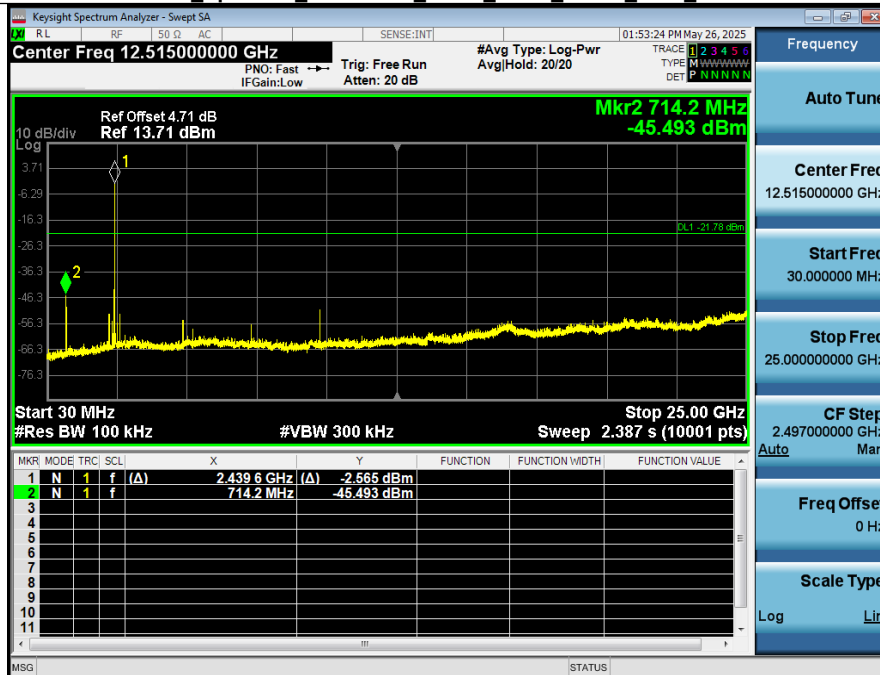
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



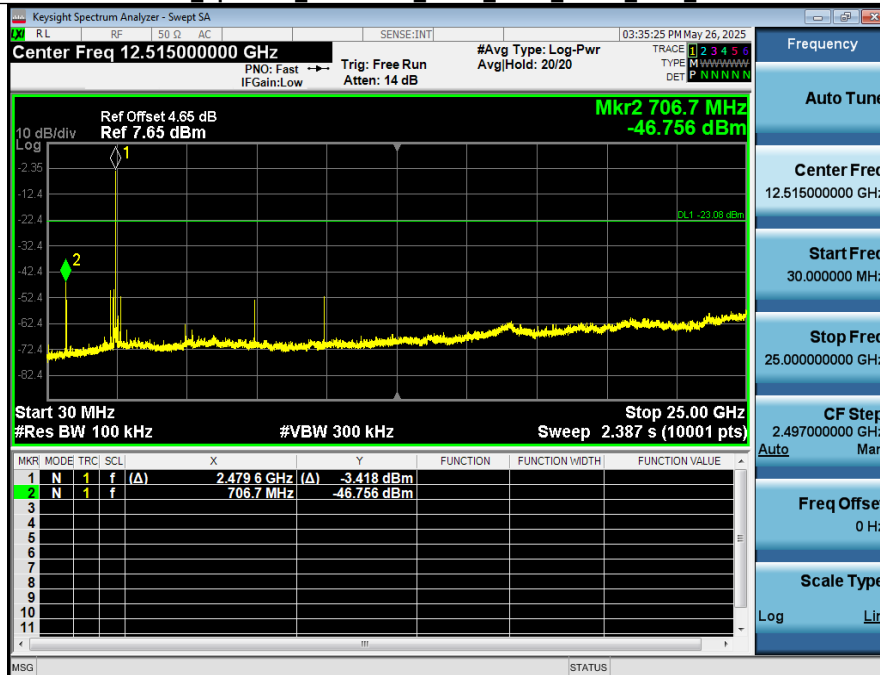
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00

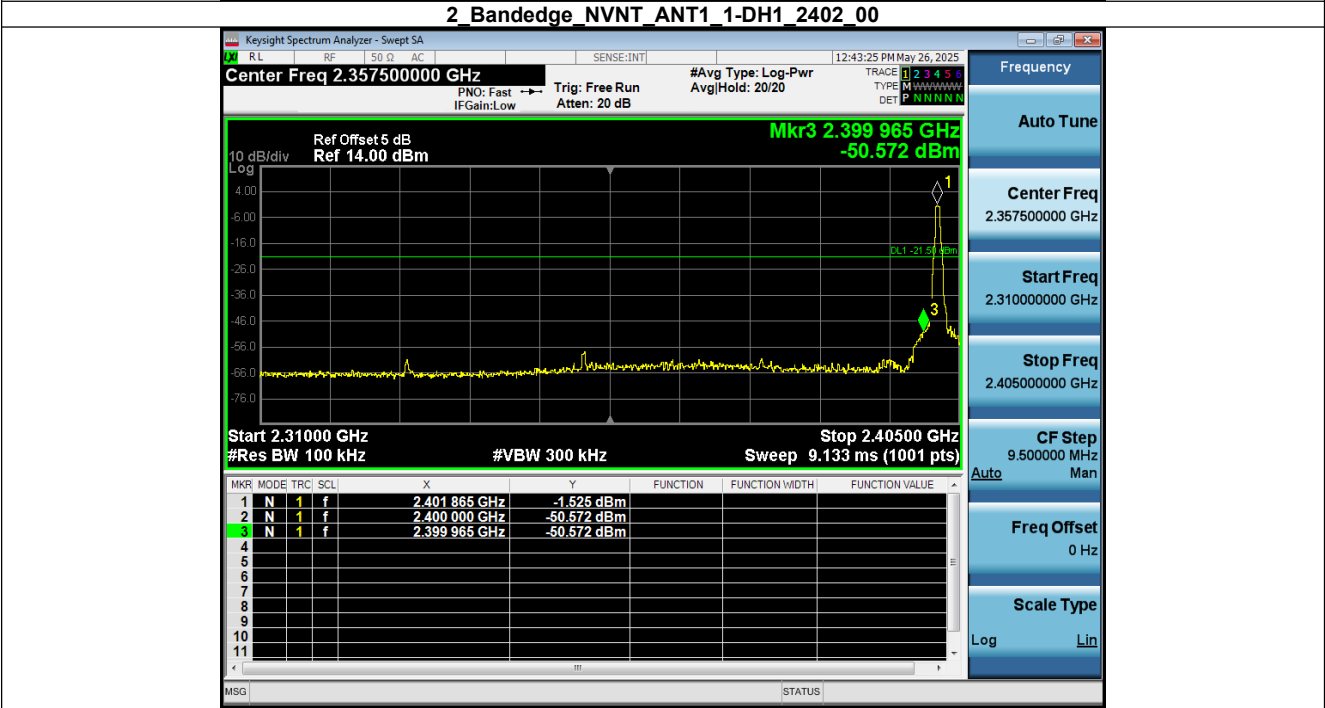
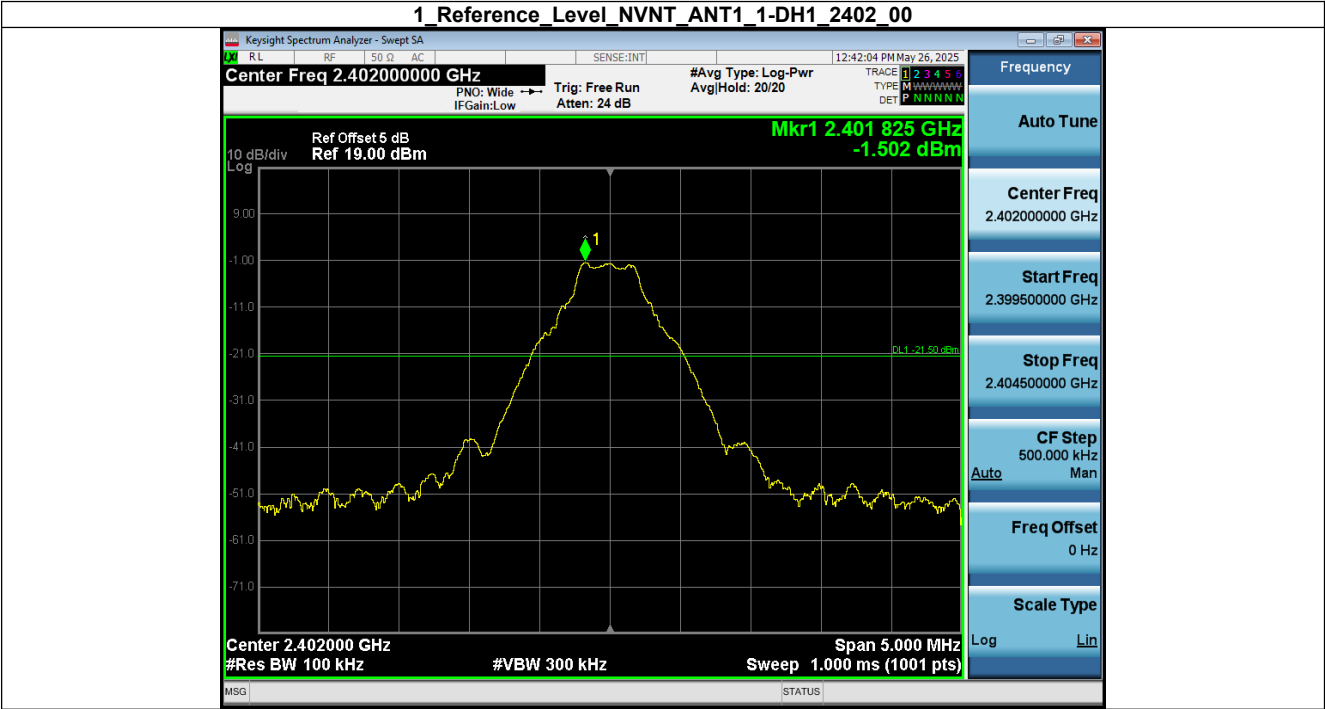


2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00

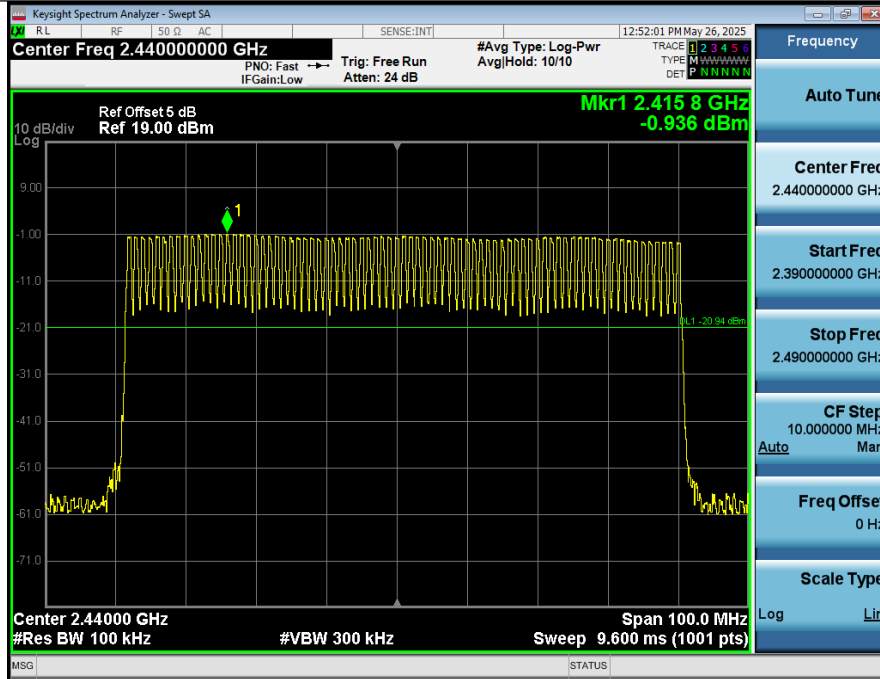


6. Bandedge

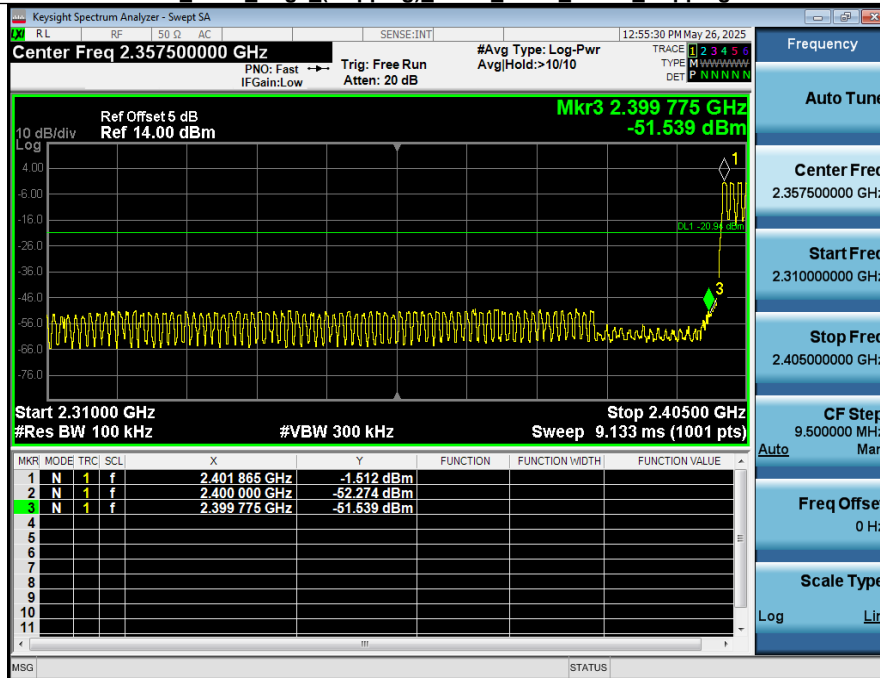
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.502	-50.572	-21.502	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.936	-51.539	-20.936	Pass
NVNT	ANT1	1-DH1	2480.00	-3.070	-61.767	-23.070	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-1.279	-51.409	-21.279	Pass
NVNT	ANT1	2-DH1	2402.00	-1.526	-51.330	-21.526	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.961	-50.802	-20.961	Pass
NVNT	ANT1	2-DH1	2480.00	-3.079	-64.239	-23.079	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-1.380	-52.215	-21.380	Pass



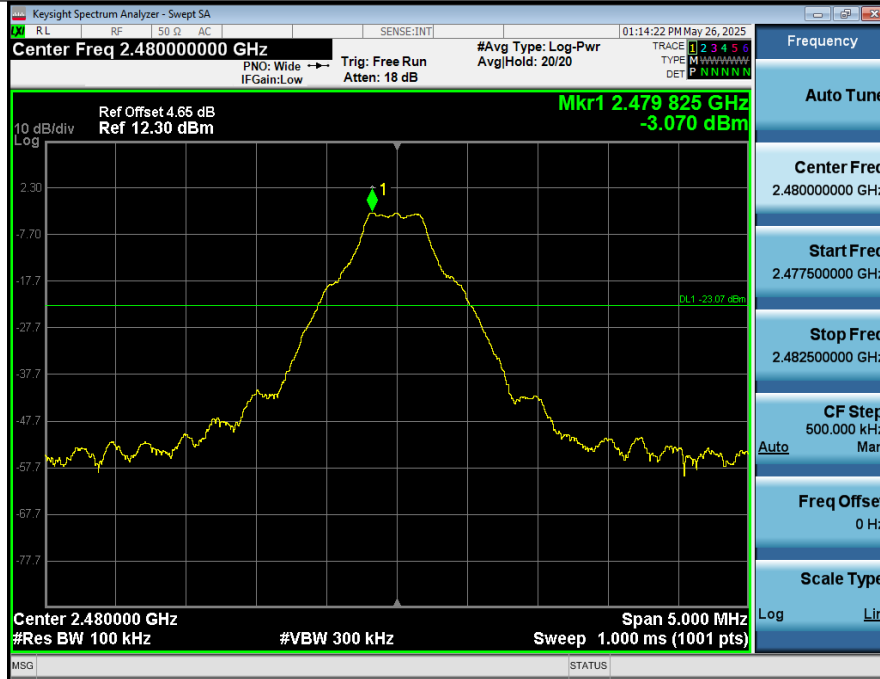
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



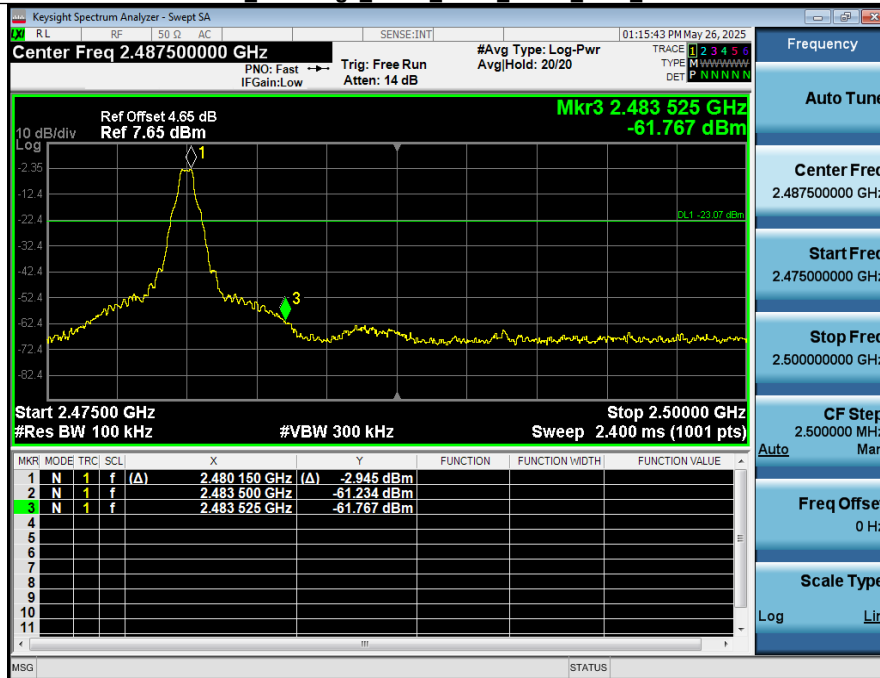
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



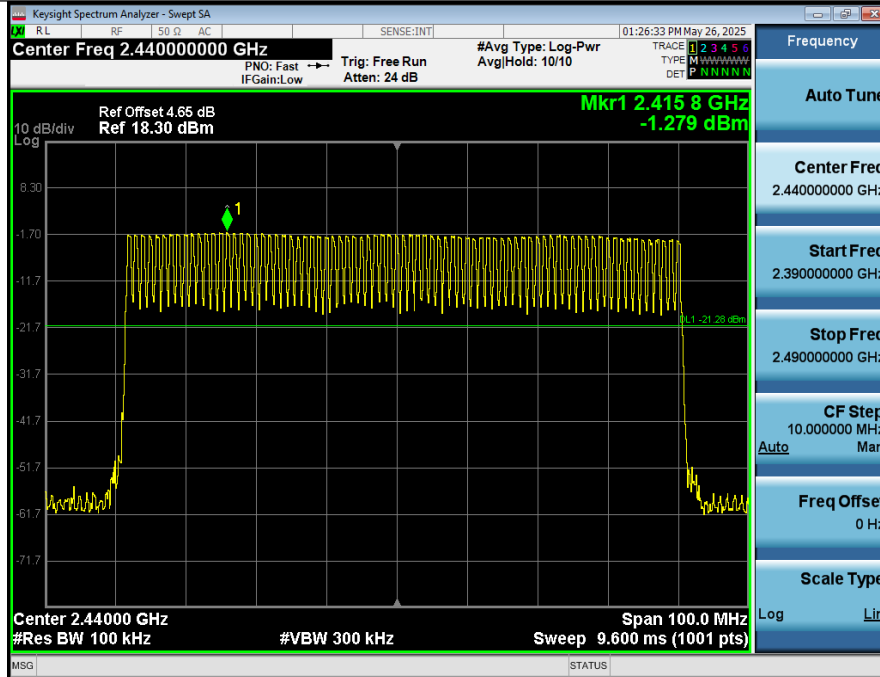
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



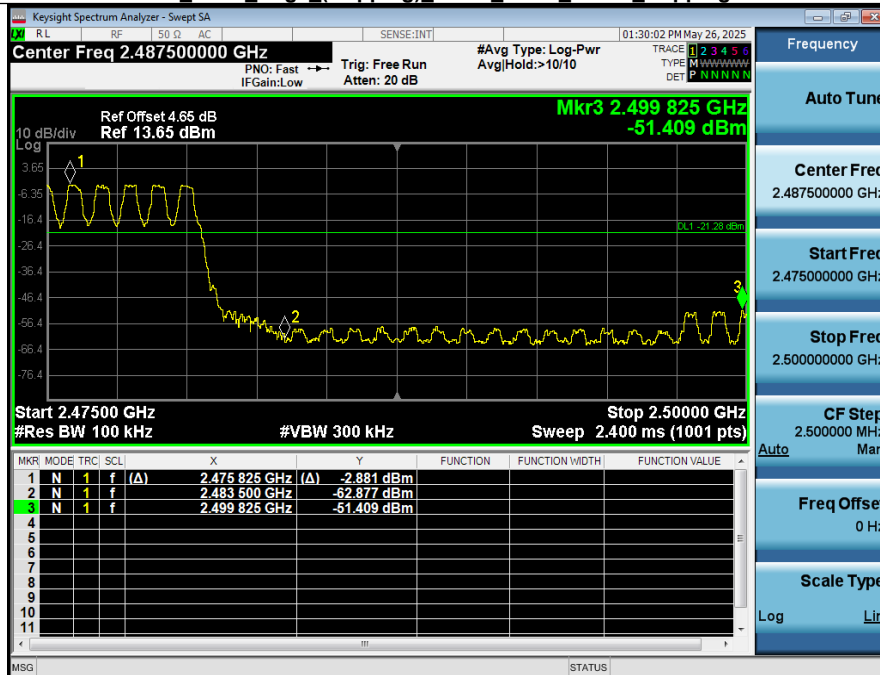
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



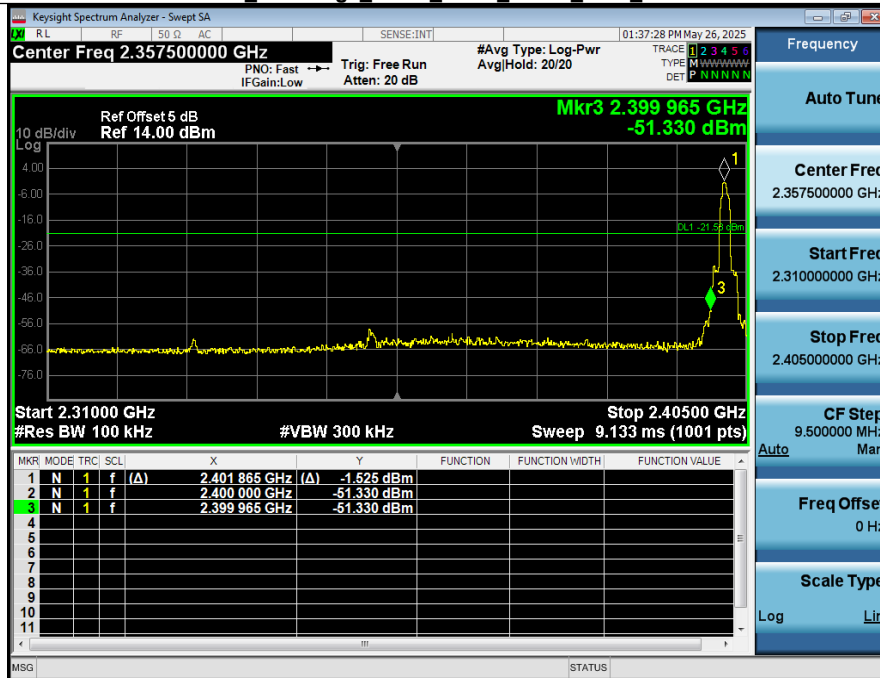
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



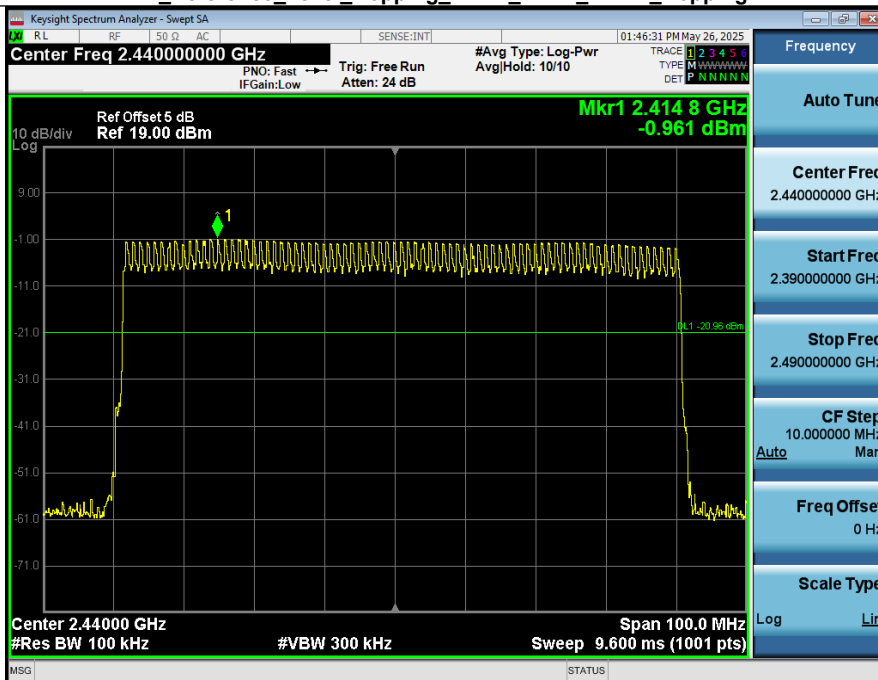
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



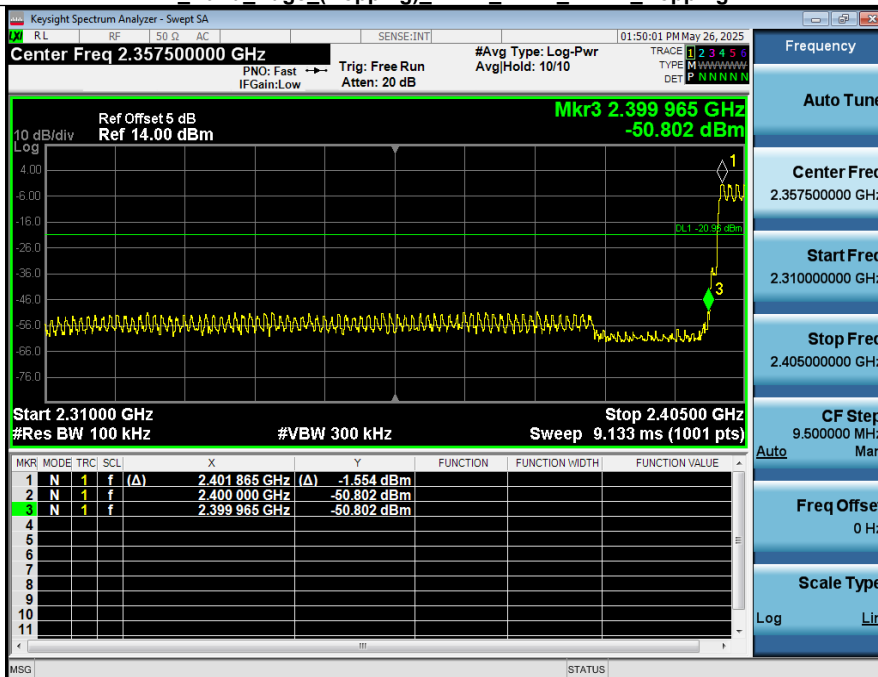
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference Level Hopping NVNT_ANT1_2-DH1_Hopping



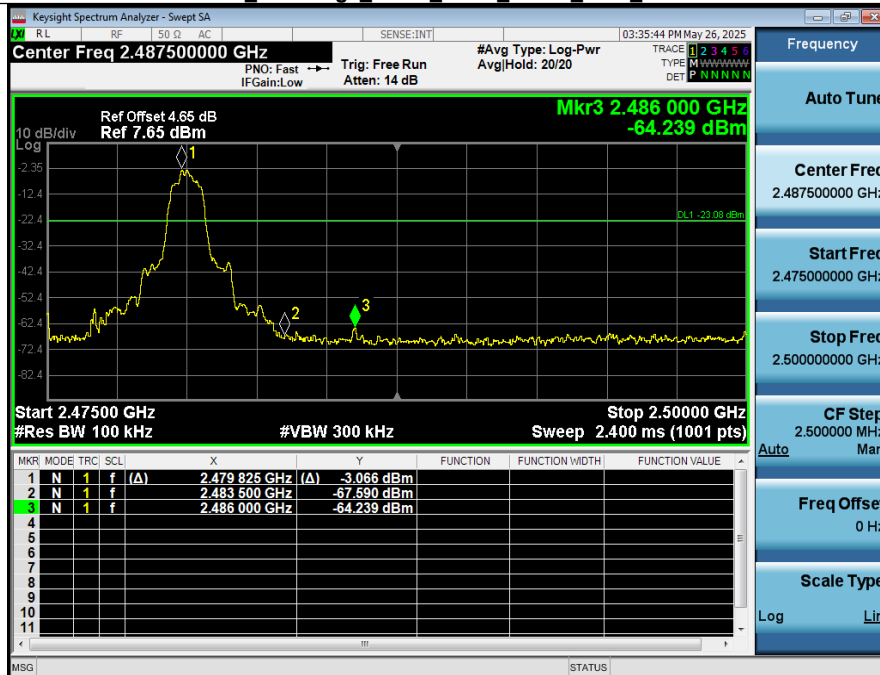
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



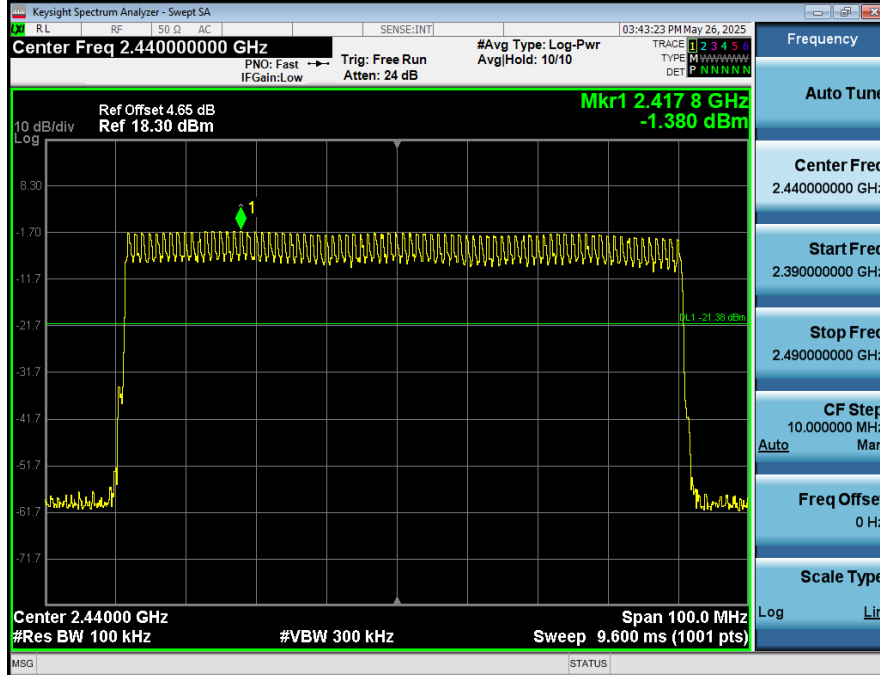
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



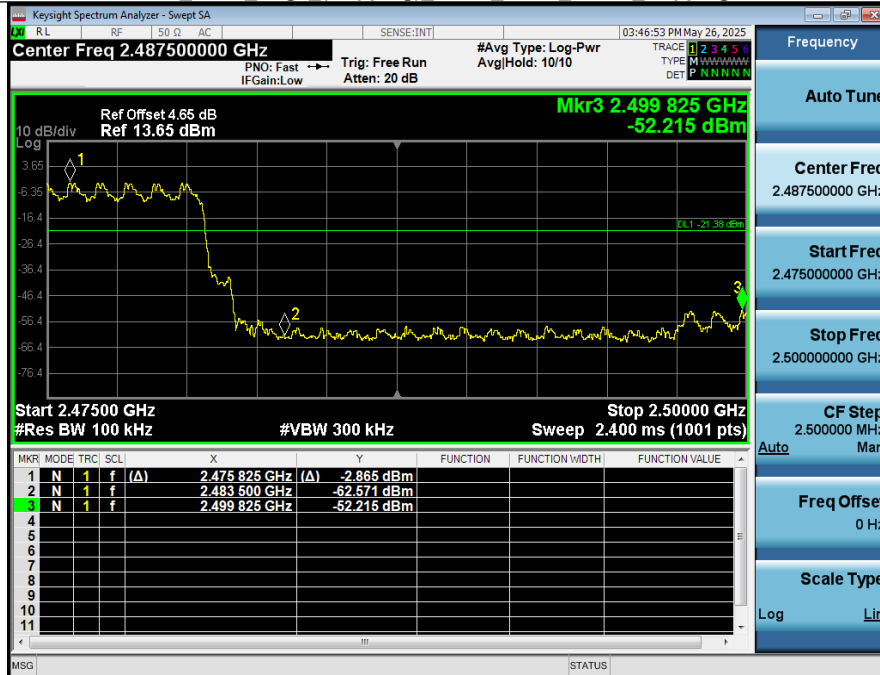
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level Hopping NVNT_ANT1_2-DH1_Hopping

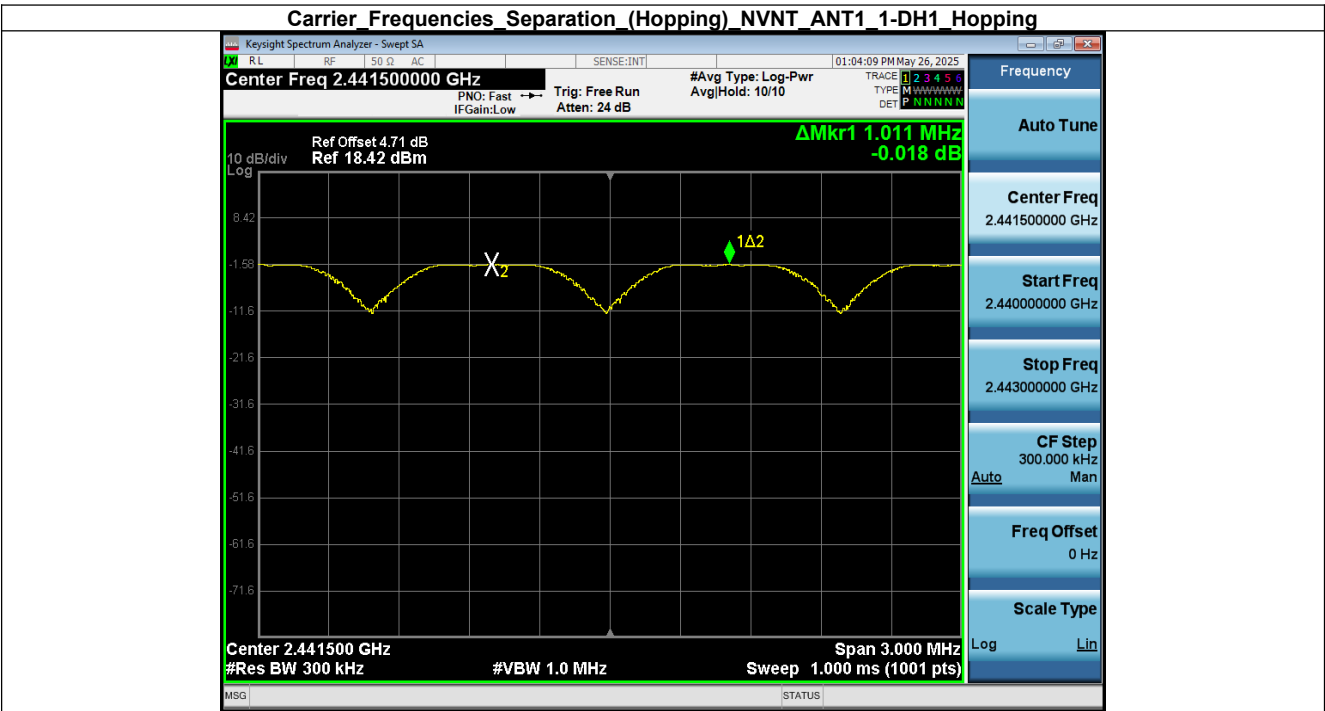
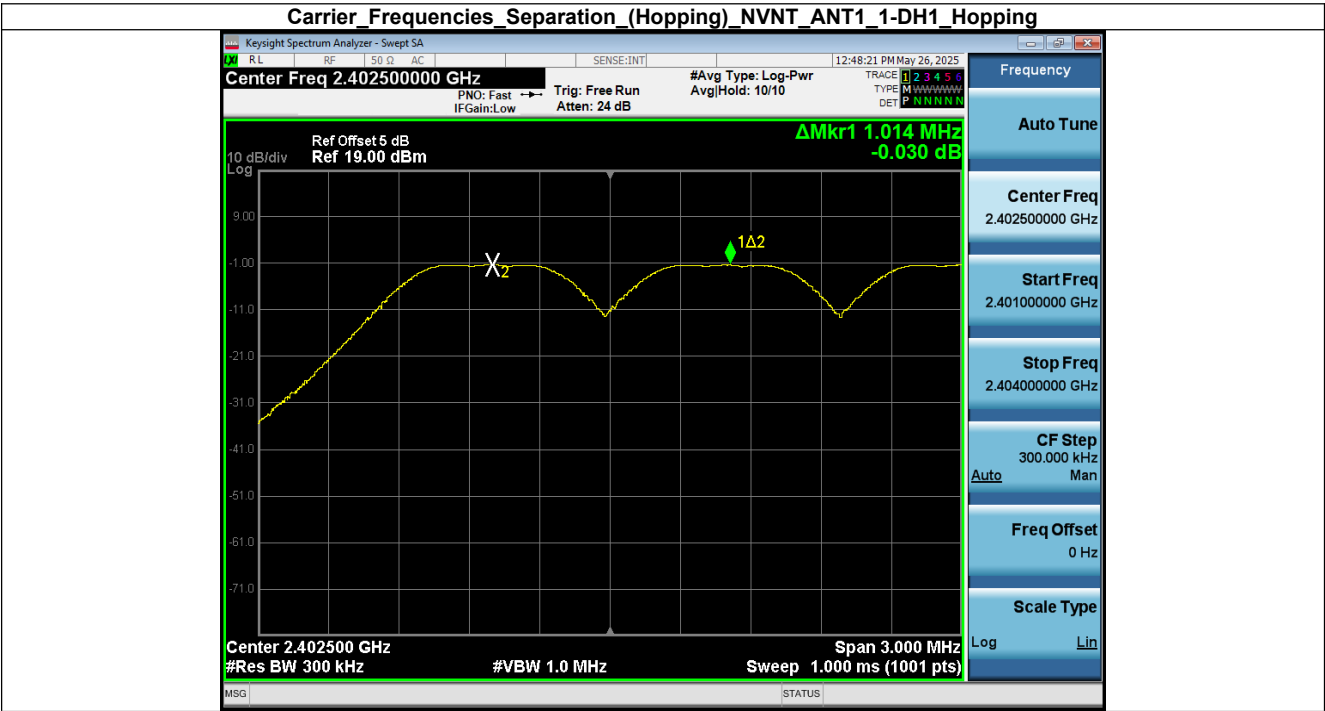


2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

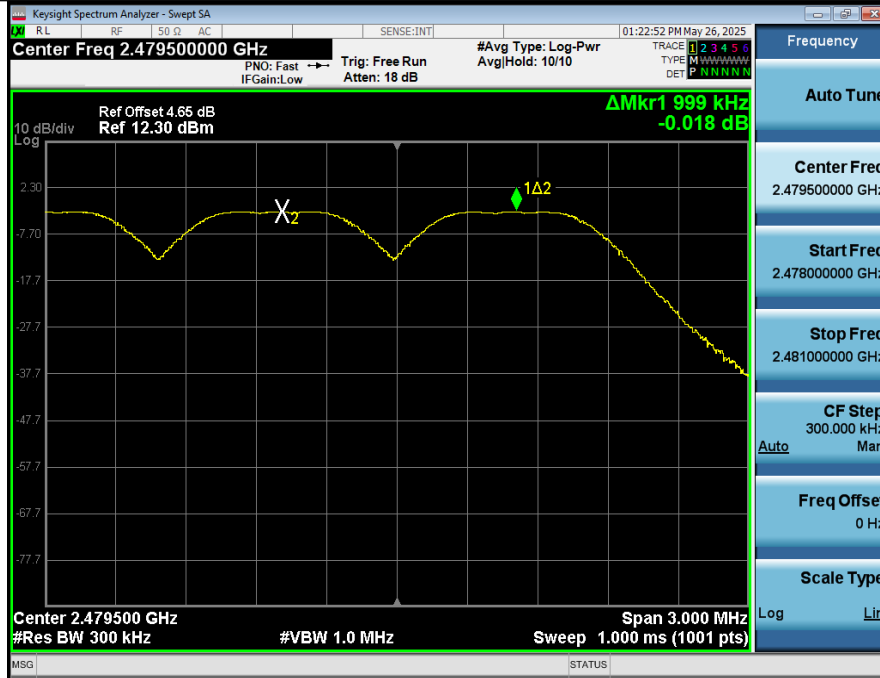


7. Carrier Frequencies Separation (Hopping)

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	2401.999	2403.013	1.01	0.941	Pass
NVNT	ANT1	1-DH1	2441.00	2440.996	2442.007	1.01	0.996	Pass
NVNT	ANT1	1-DH1	2480.00	2479.011	2480.010	1.00	0.953	Pass
NVNT	ANT1	2-DH1	2402.00	2401.999	2402.992	0.99	0.857	Pass
NVNT	ANT1	2-DH1	2441.00	2440.999	2442.010	1.01	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.993	2480.010	1.02	0.841	Pass



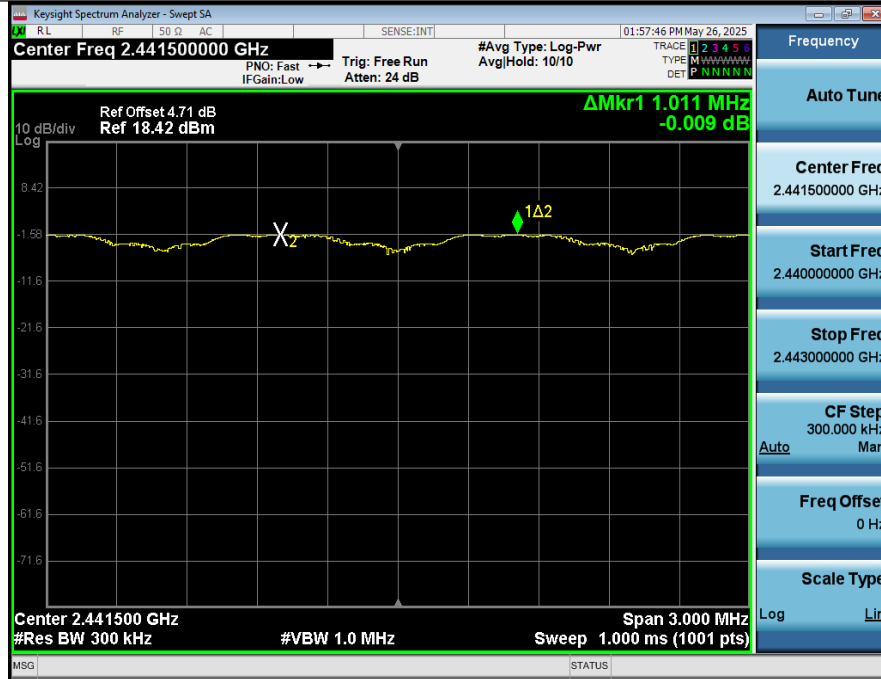
Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



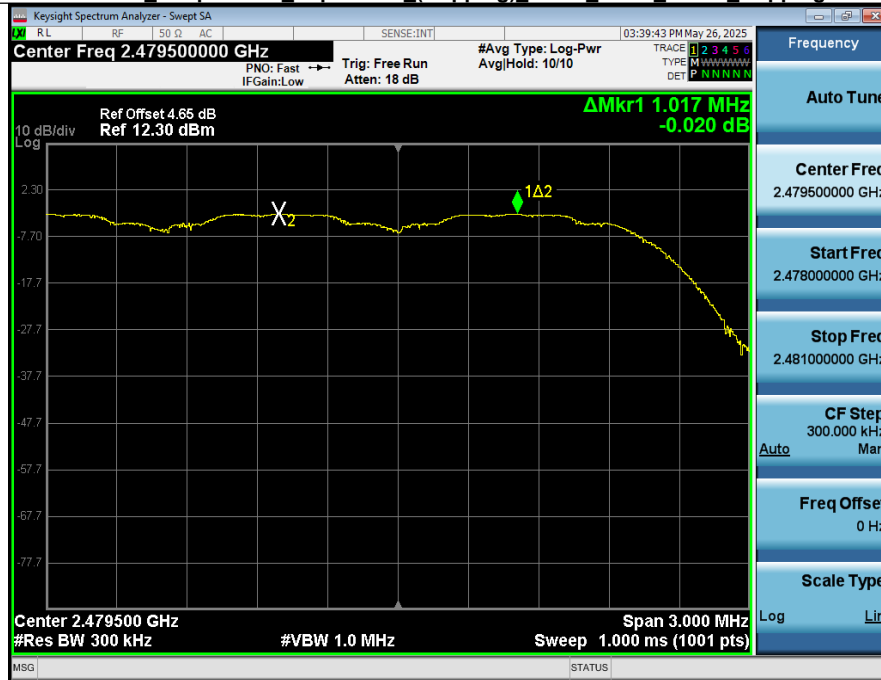
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping

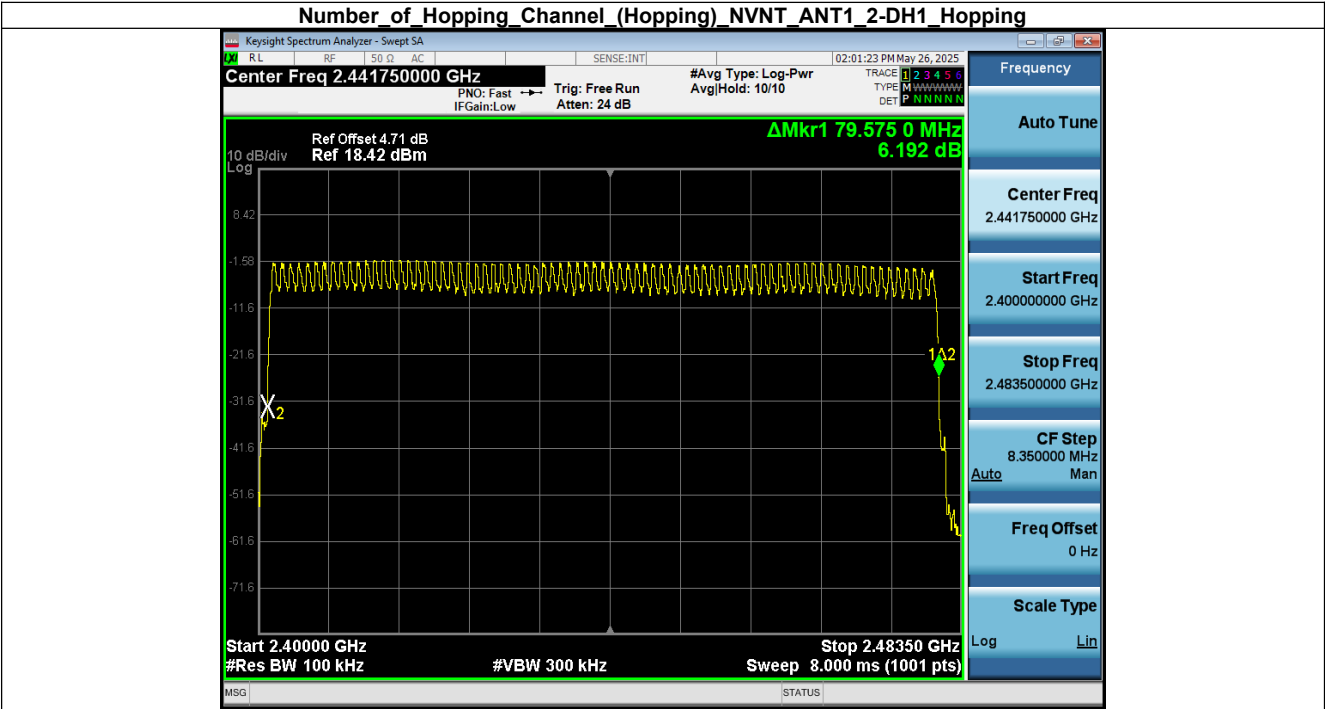
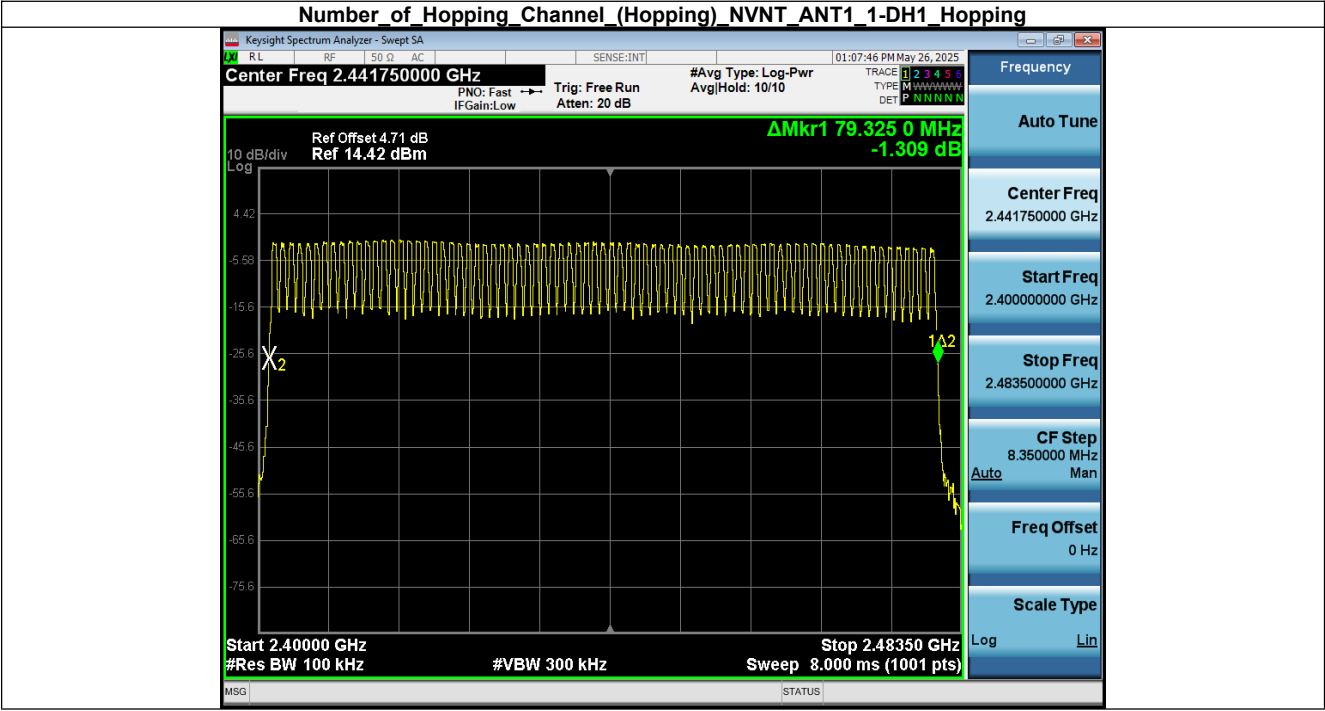


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



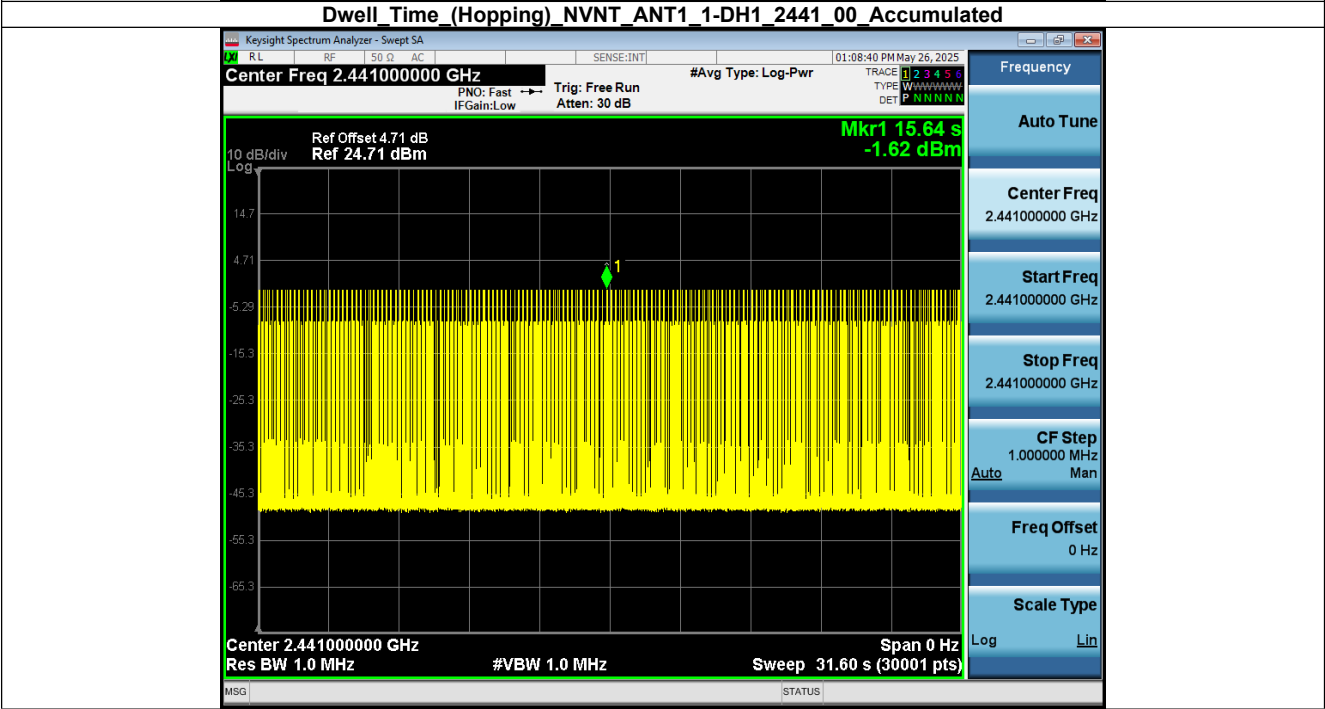
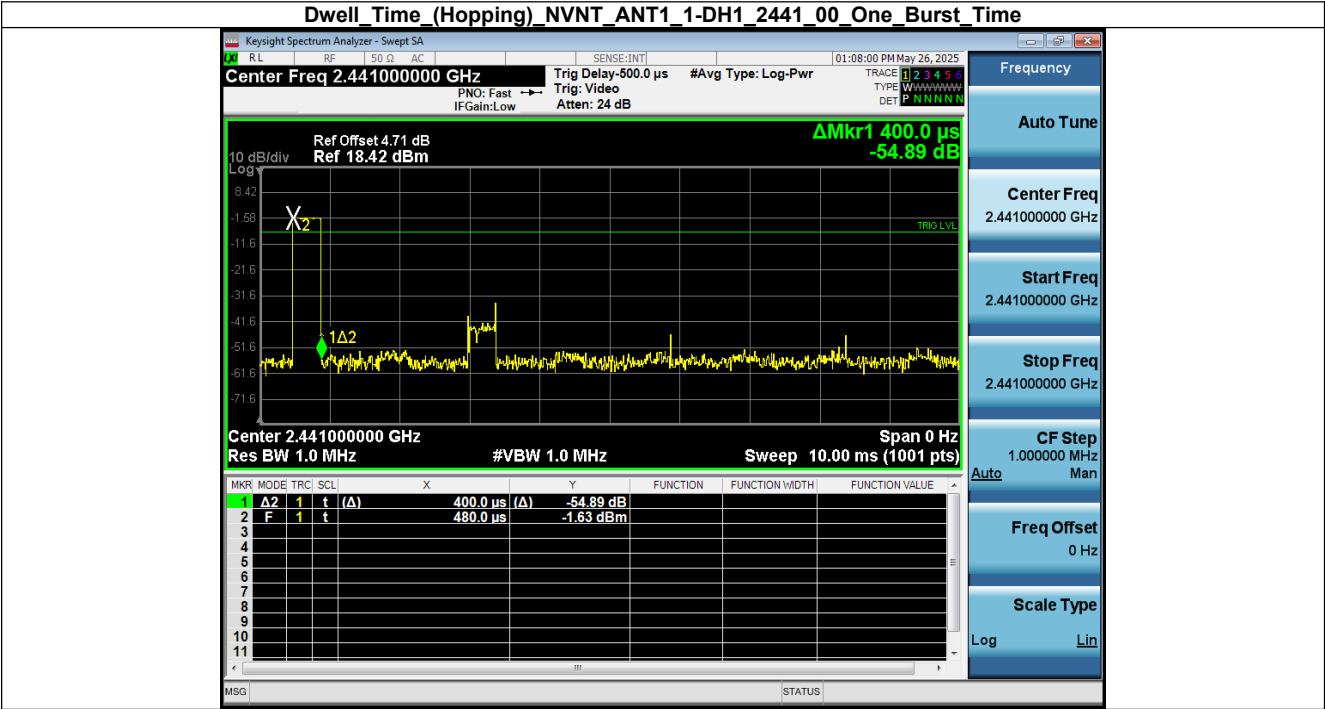
8. Number of Hopping Channel (Hopping)

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

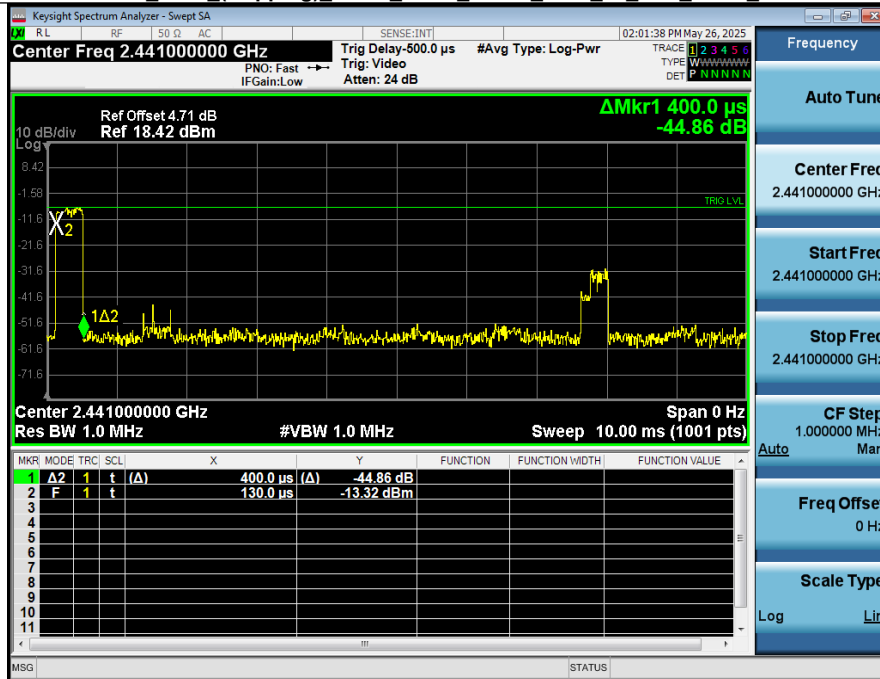


9. Dwell Time (Hopping)

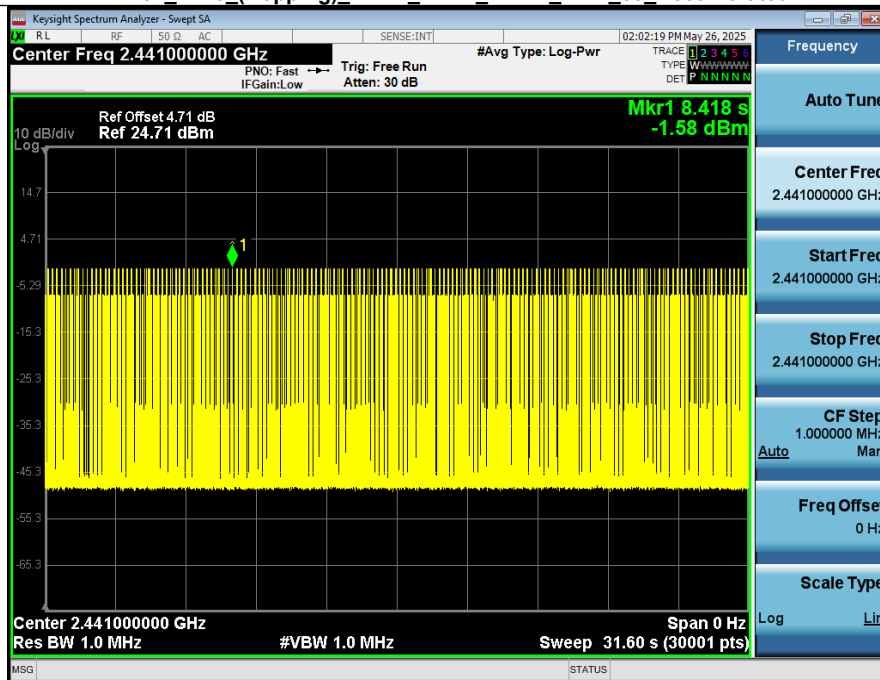
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	1-DH5	2.900	103.00	298.700	0.40	Pass
NVNT	ANT1	2-DH3	1.660	155.00	257.300	0.40	Pass
NVNT	ANT1	2-DH5	2.900	112.00	324.800	0.40	Pass



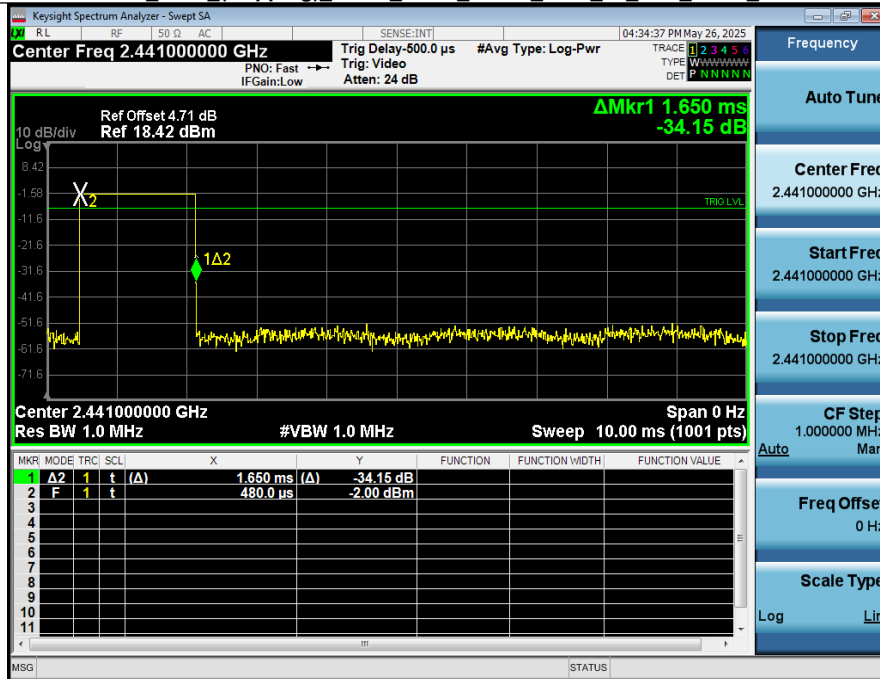
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



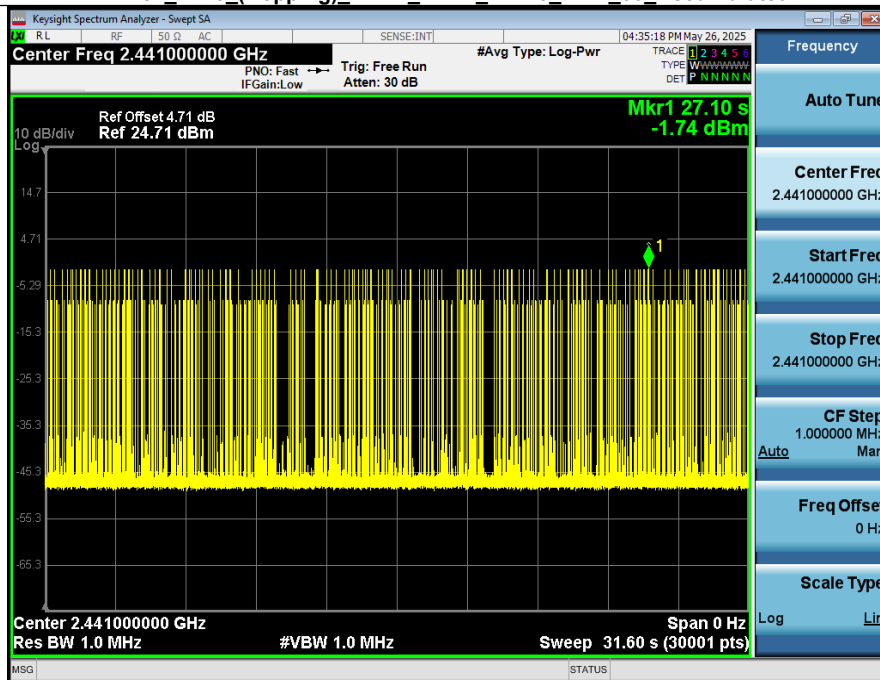
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



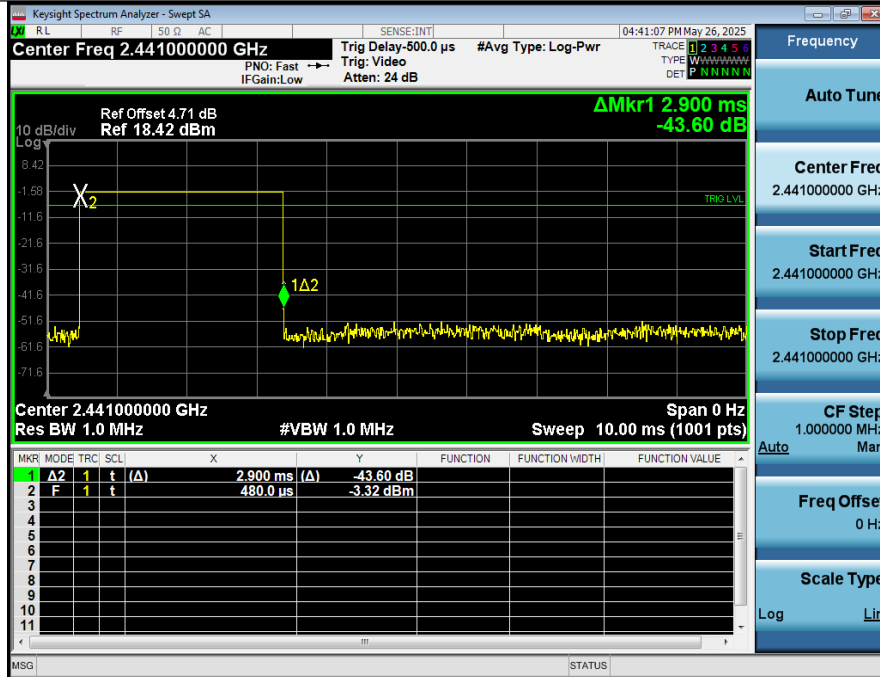
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



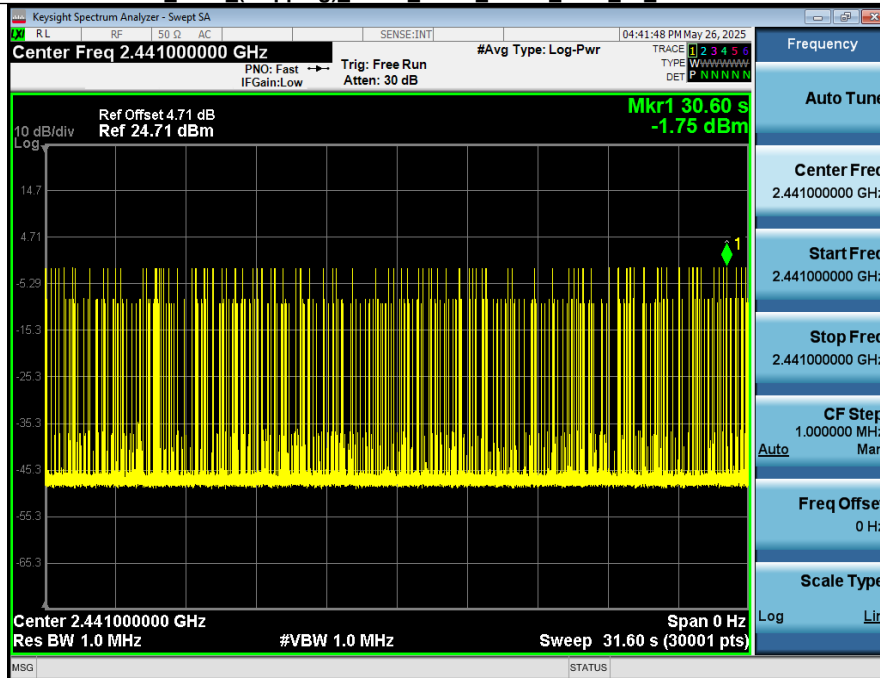
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



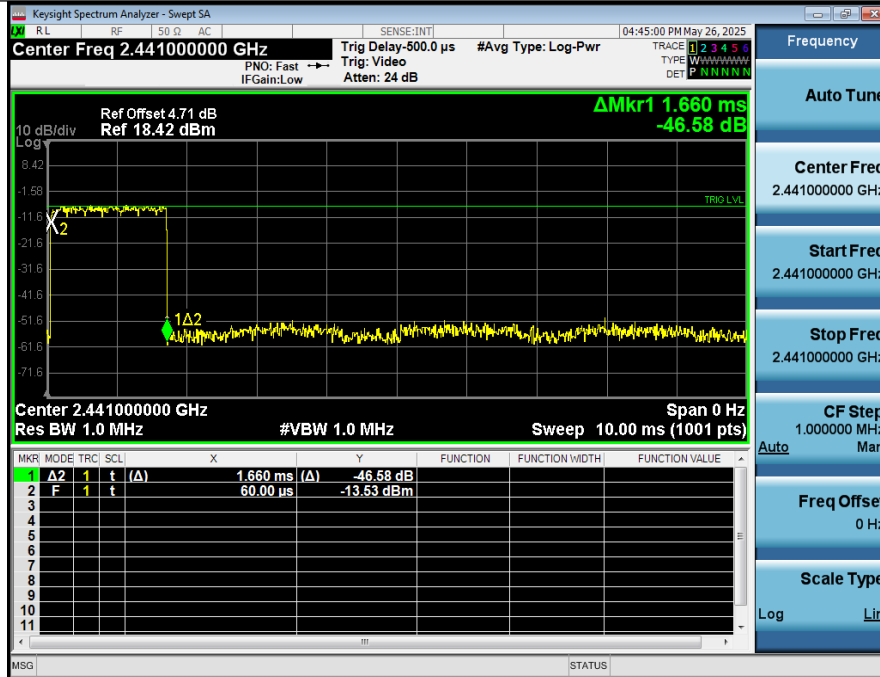
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



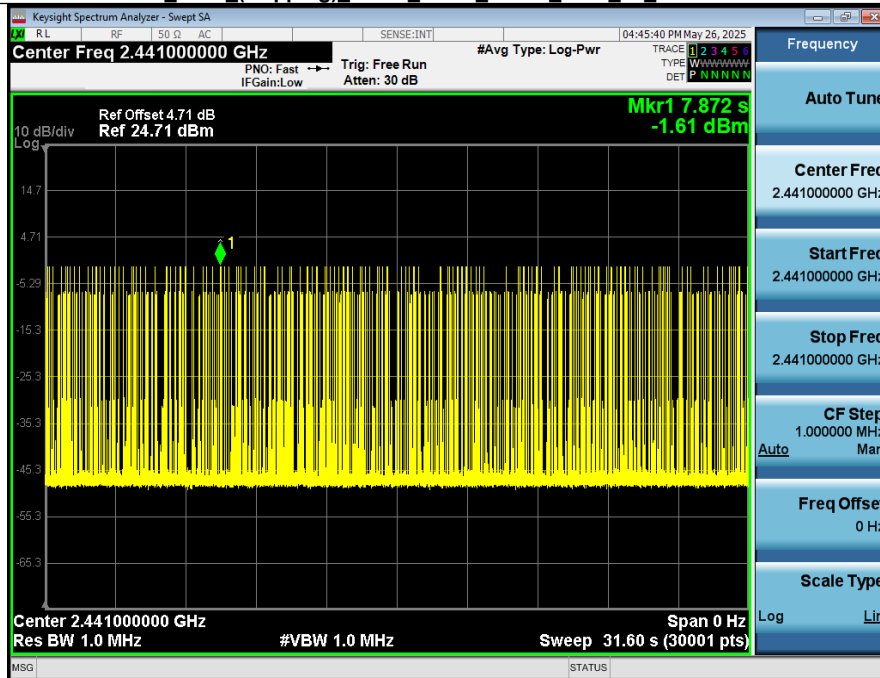
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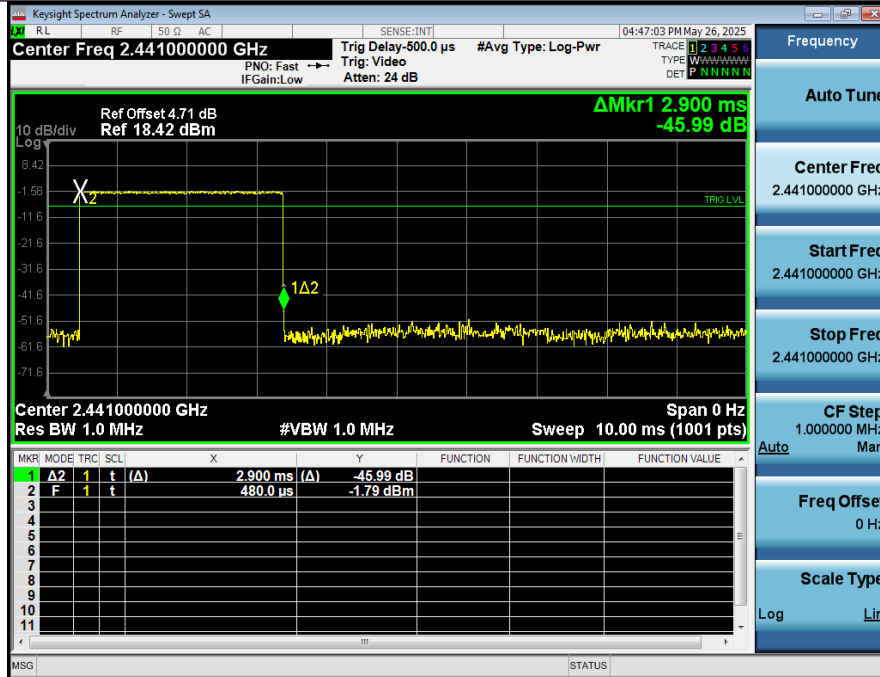
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



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

