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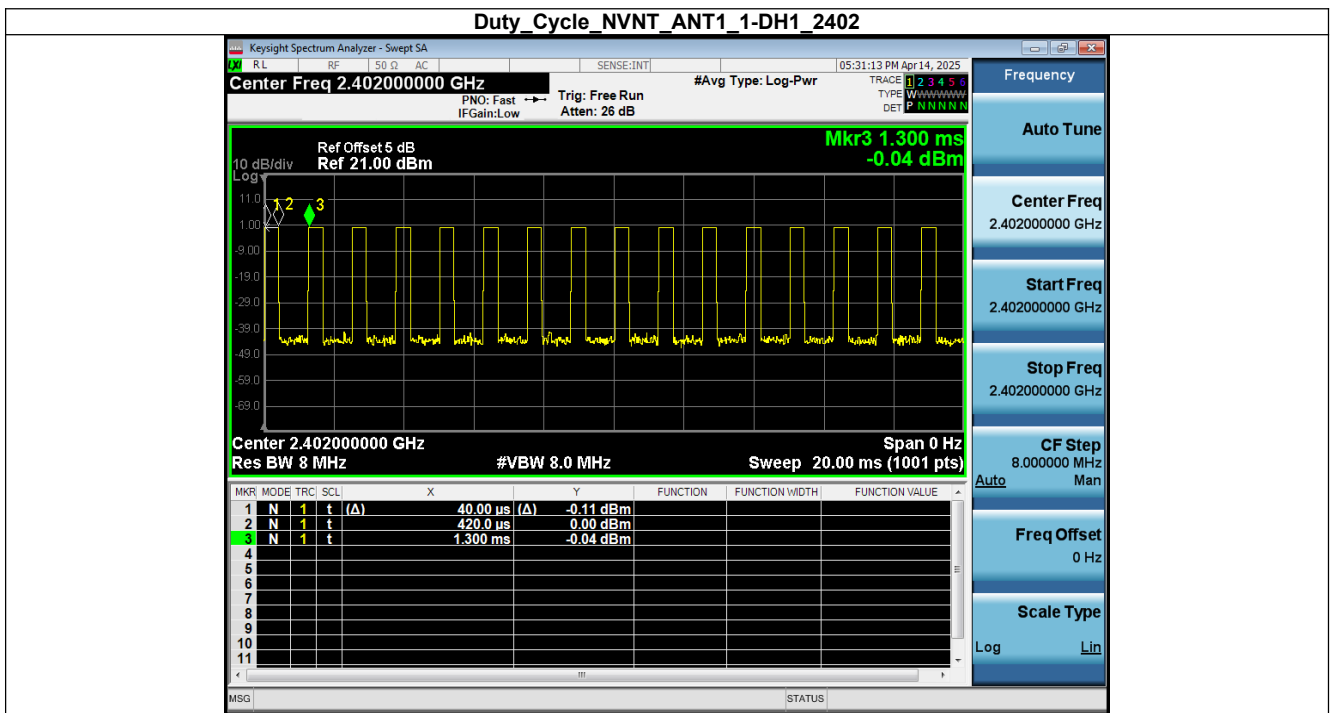
FCC ID: 2A2HV-WA-LAPMIC2P

Report No.:NCT25014137E1-1

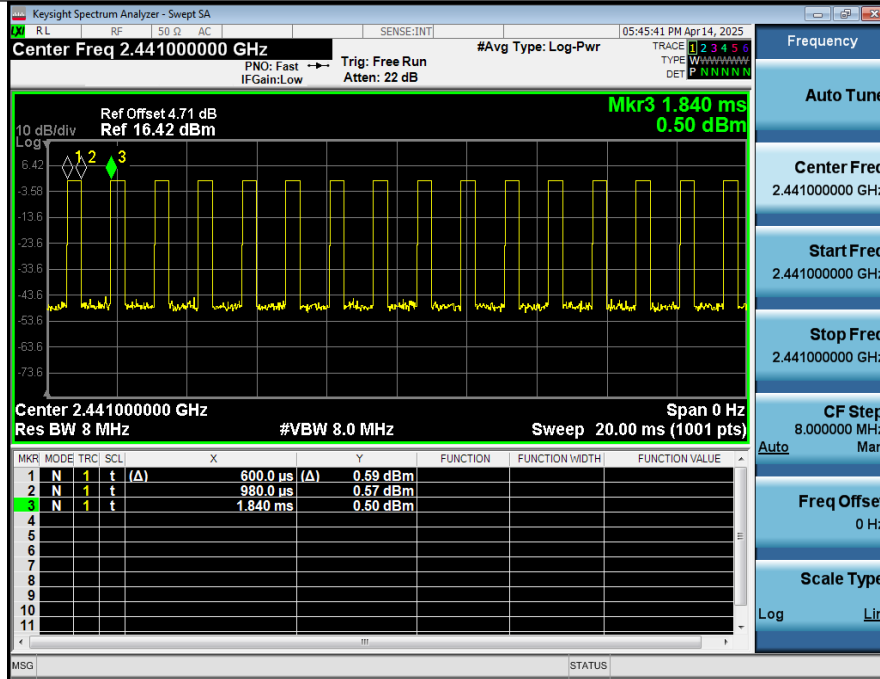
FCC_BT (Part15.247) Test Data

1. Duty Cycle

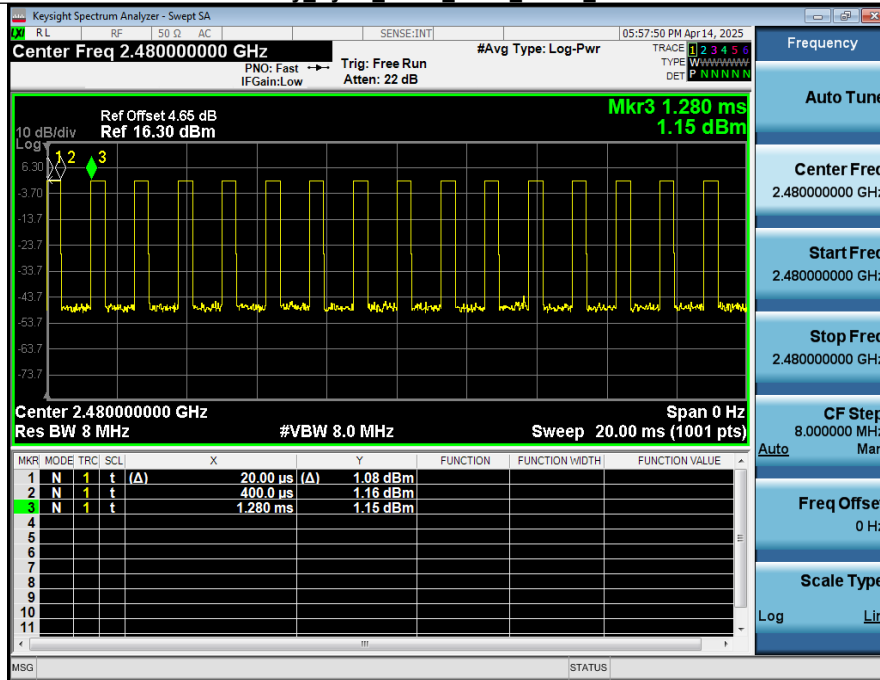
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.16	5.21
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	31.75	4.98
NVNT	ANT1	2-DH1	2441.00	33.87	4.70
NVNT	ANT1	2-DH1	2480.00	31.75	4.98



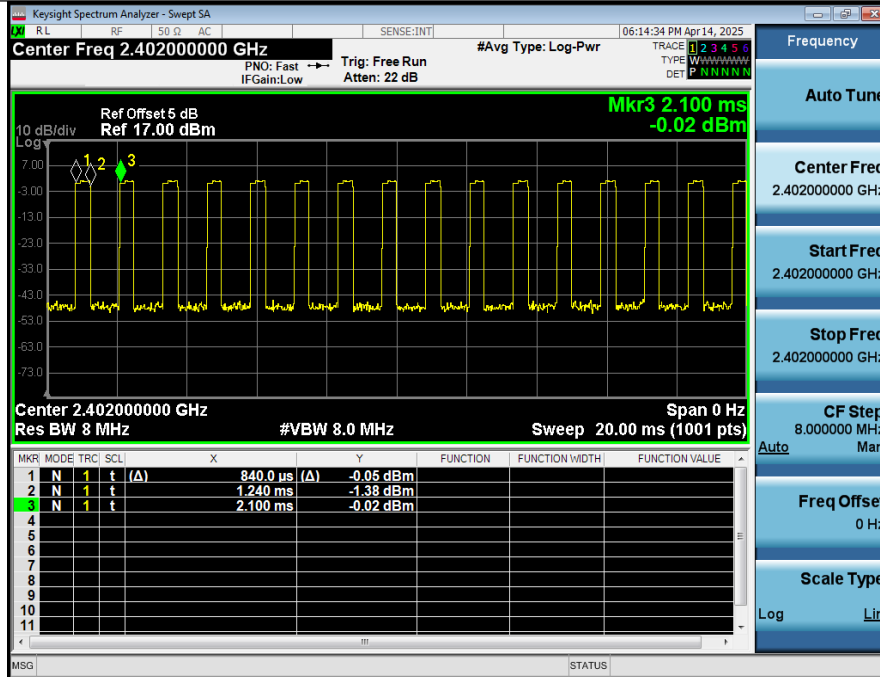
Duty_Cycle_NVNT_ANT1_1-DH1_2441



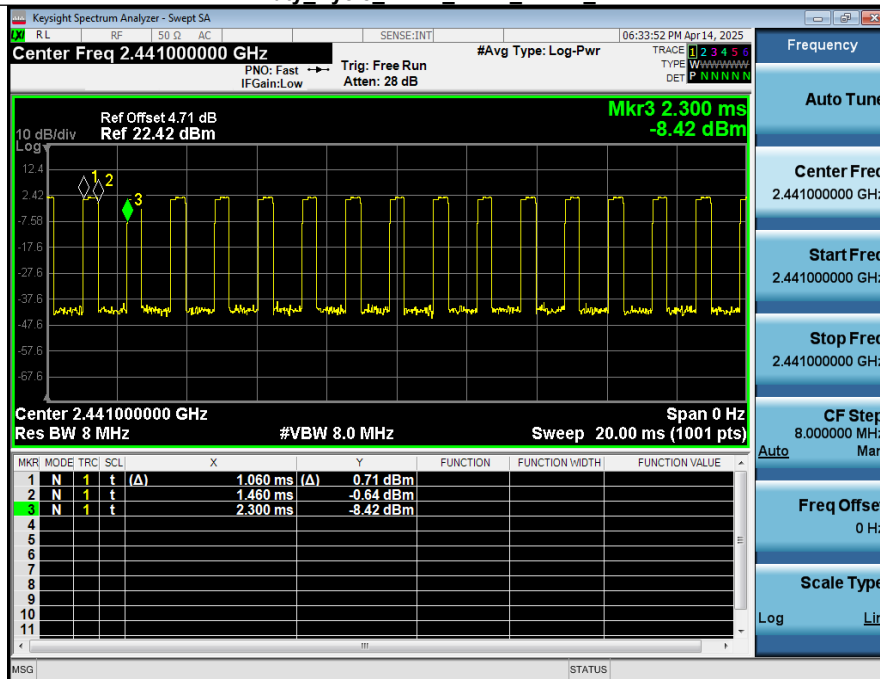
Duty_Cycle_NVNT_ANT1_1-DH1_2480



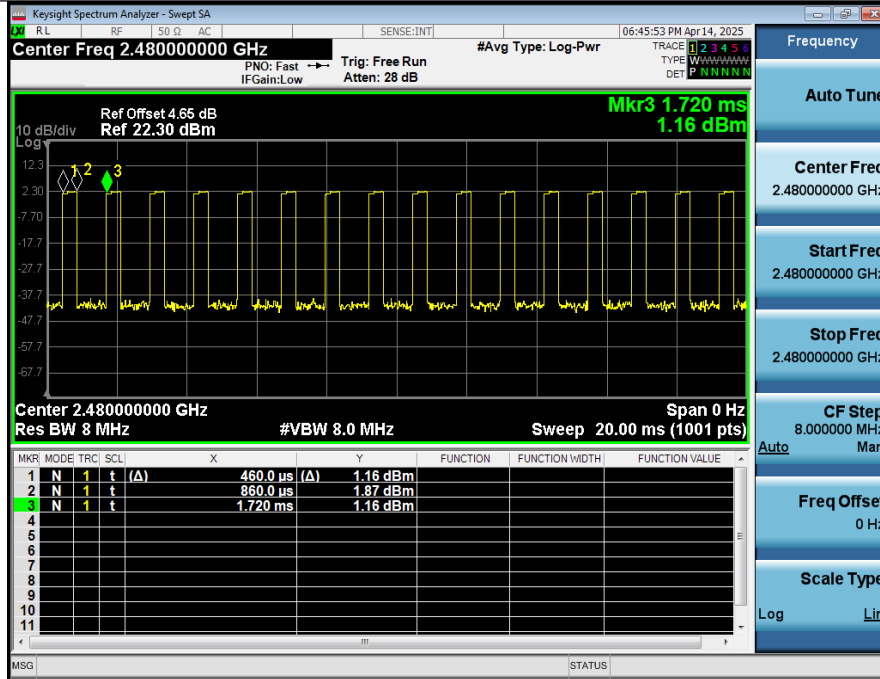
Duty Cycle NVNT_ANT1_2-DH1_2402



Duty Cycle NVNT_ANT1_2-DH1_2441

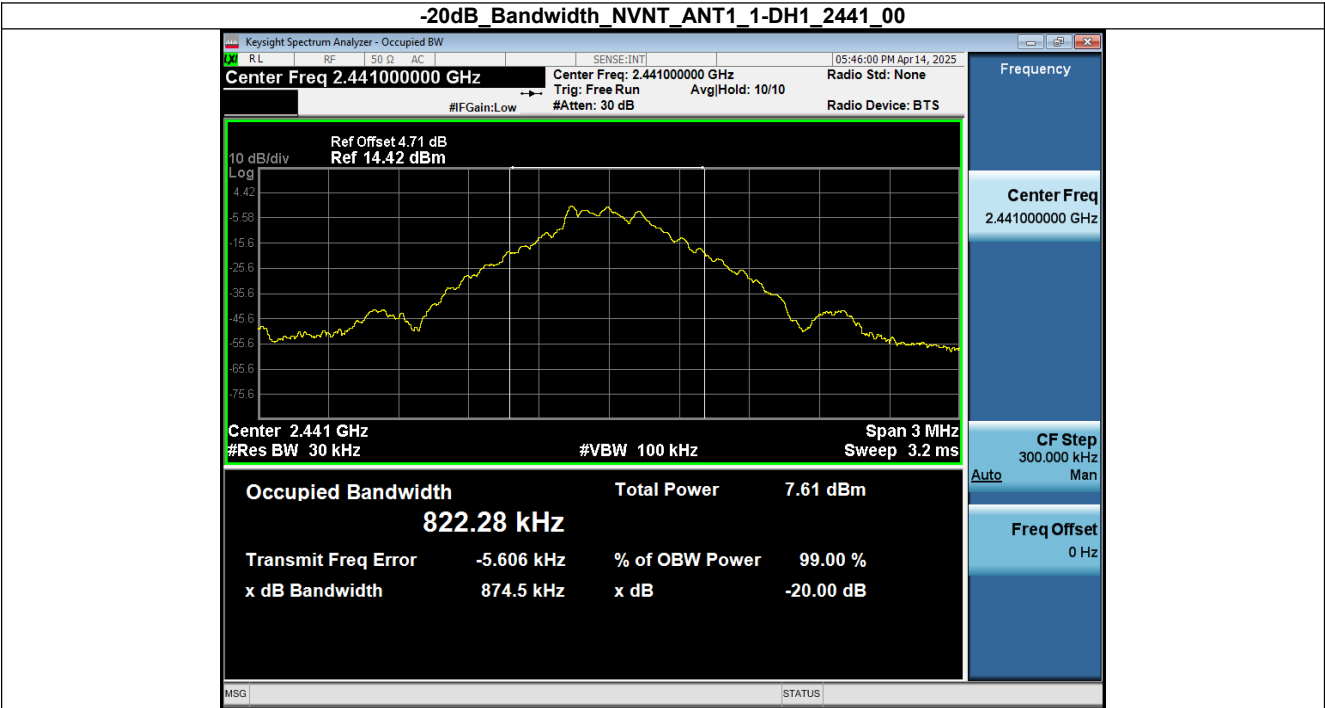
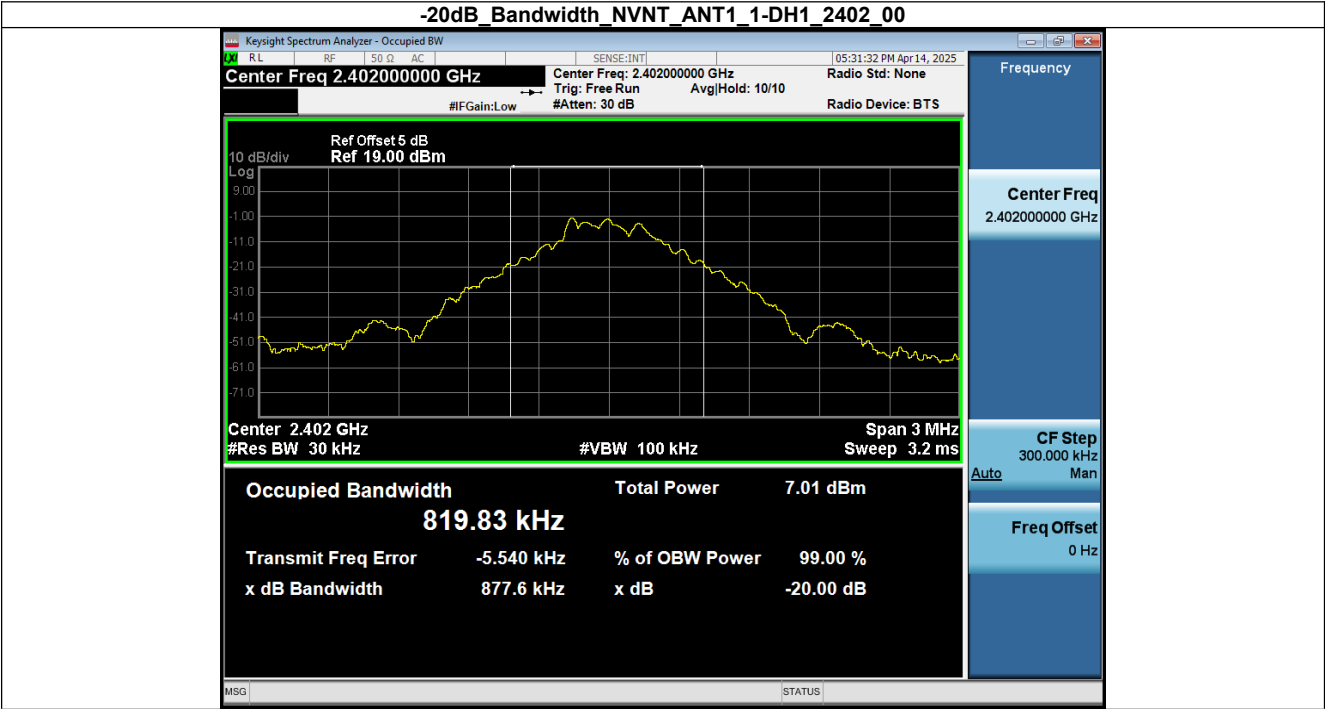


Duty Cycle NVNT_ANT1_2-DH1_2480

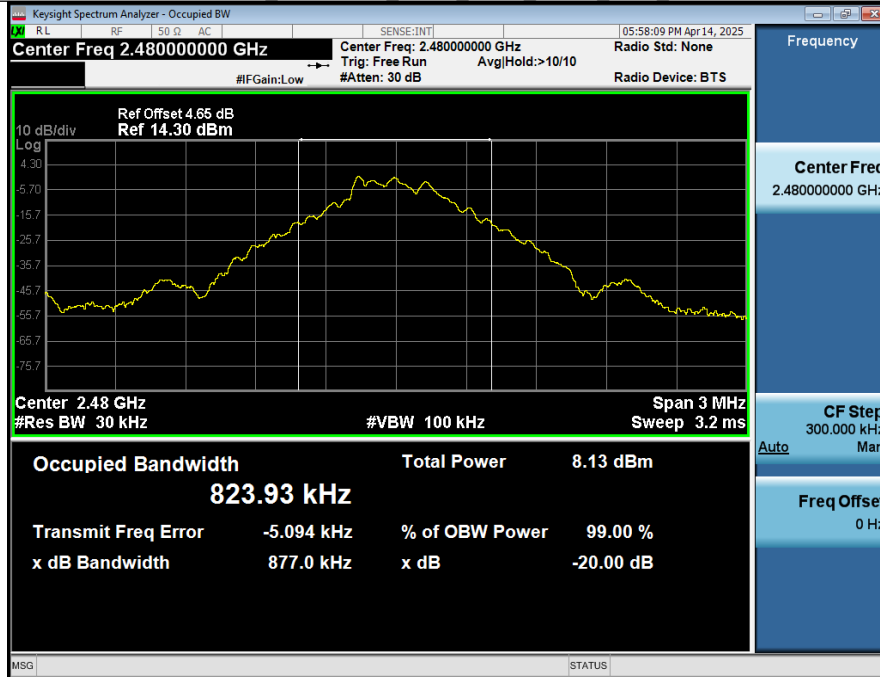


2. -20dB Bandwidth

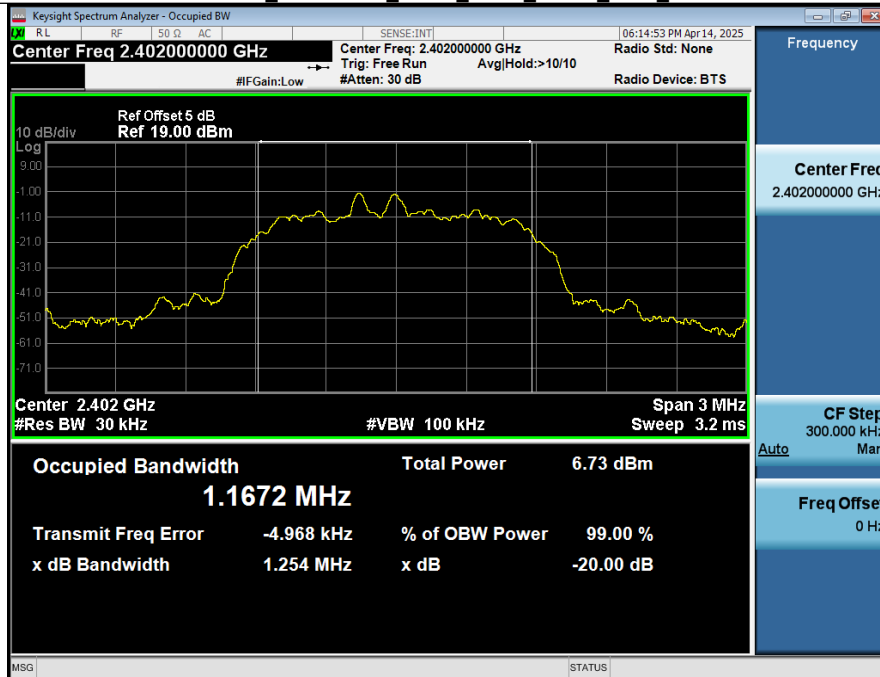
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.875	No
NVNT	ANT1	1-DH1	2480.00	0.877	No
NVNT	ANT1	2-DH1	2402.00	1.254	Yes
NVNT	ANT1	2-DH1	2441.00	1.256	Yes
NVNT	ANT1	2-DH1	2480.00	1.254	Yes



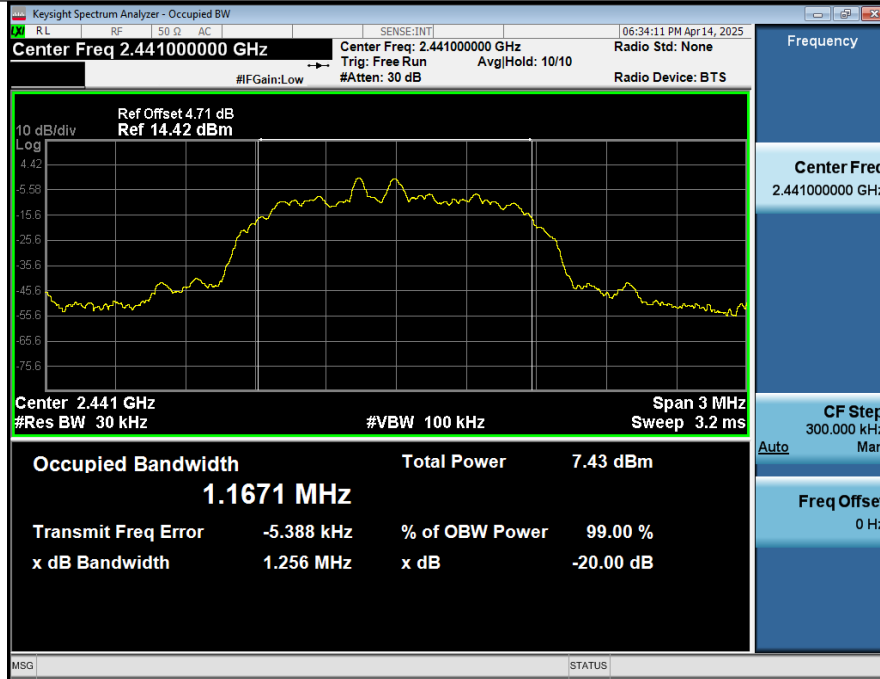
-20dB Bandwidth_NVNT_ANT1_1-DH1_2480_00



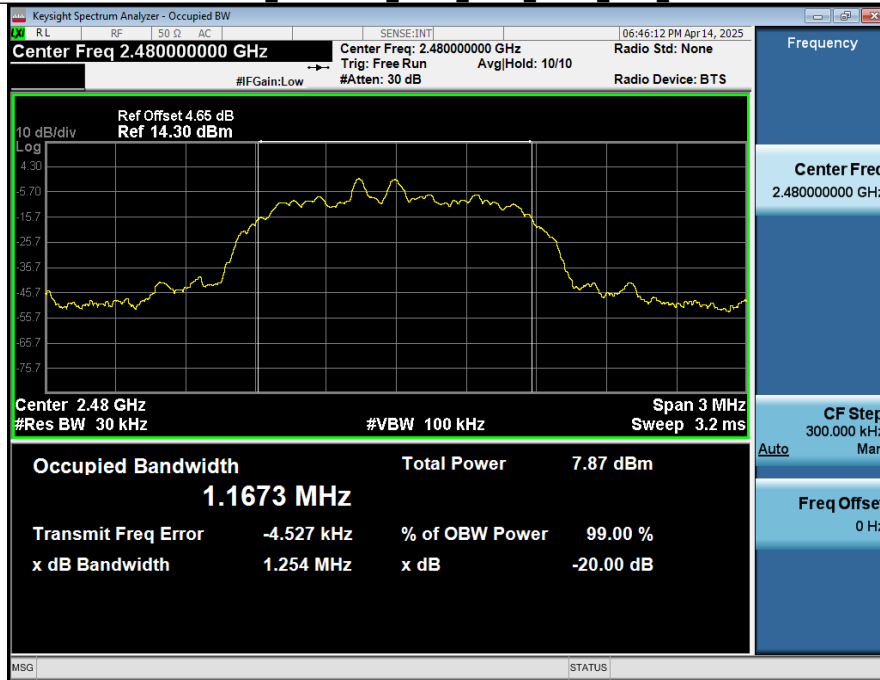
-20dB Bandwidth_NVNT_ANT1_2-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00

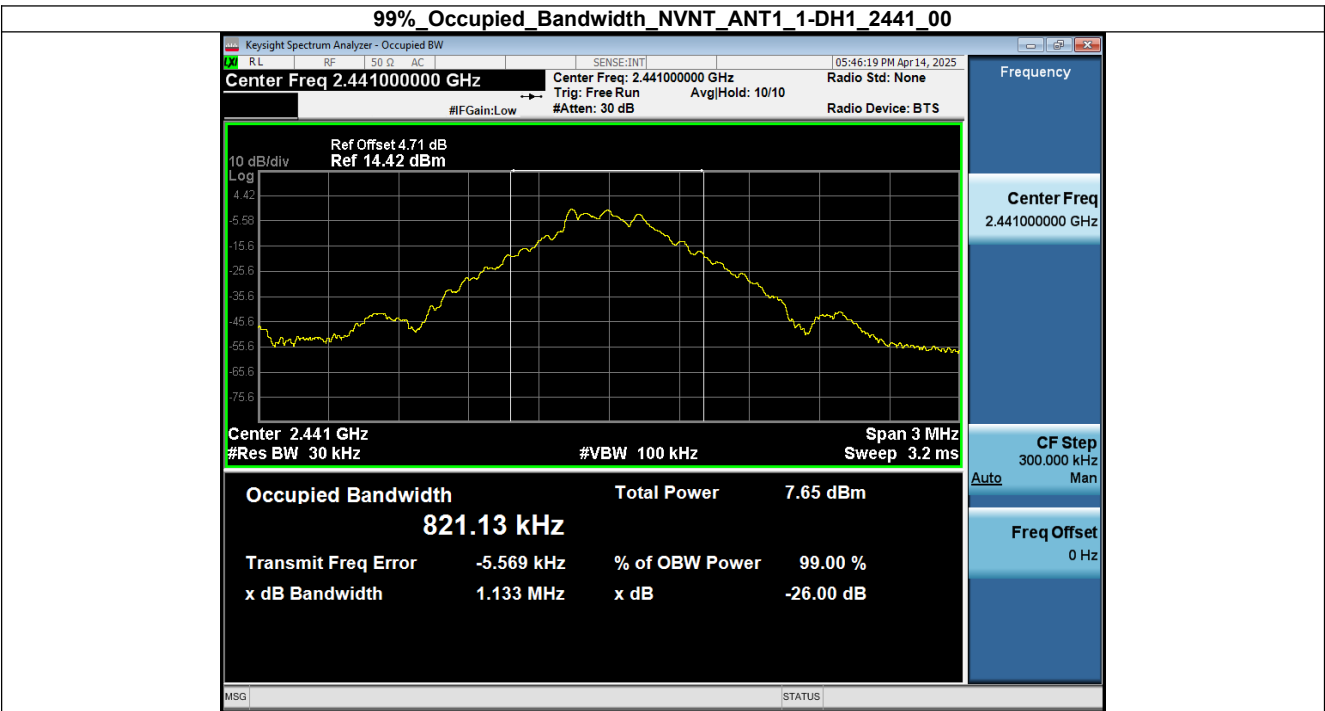
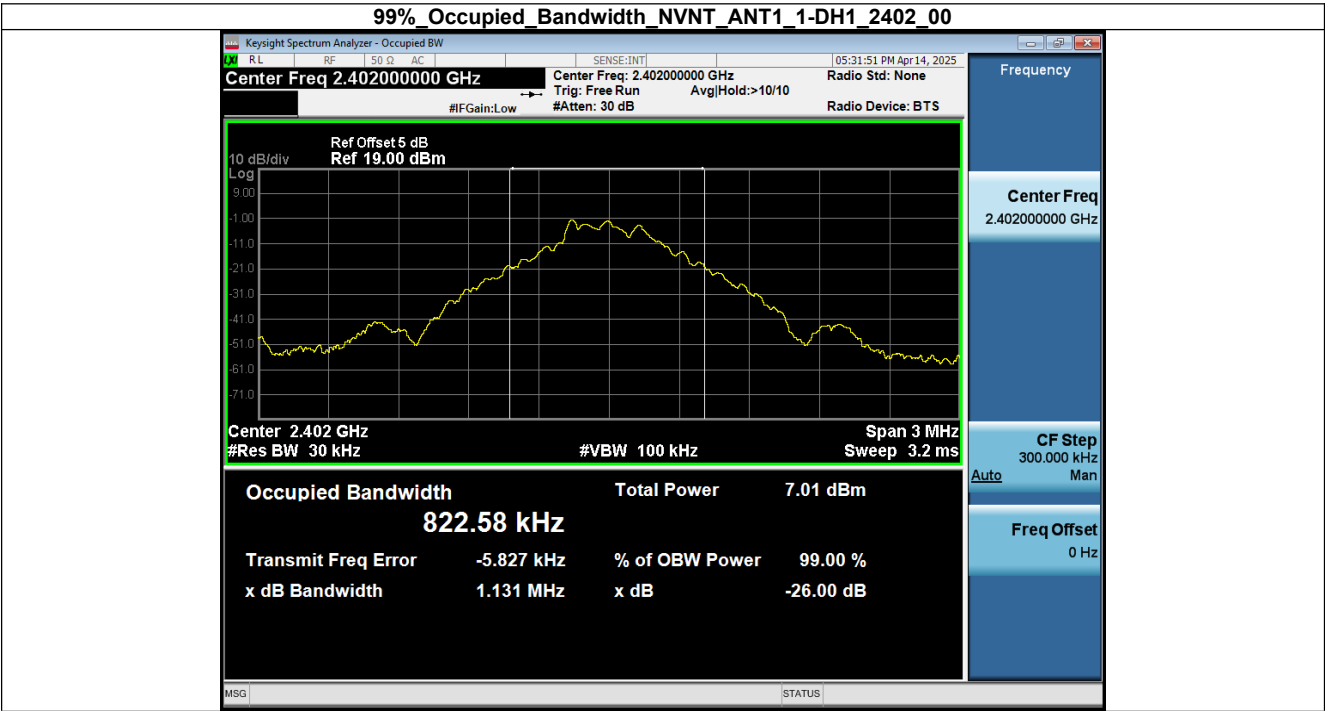


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

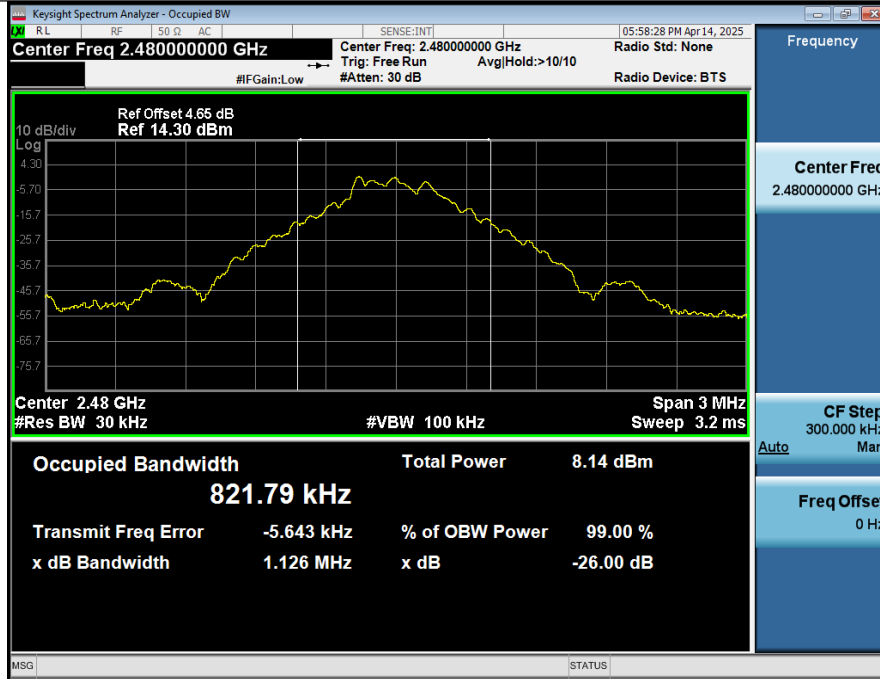


3. 99% Occupied Bandwidth

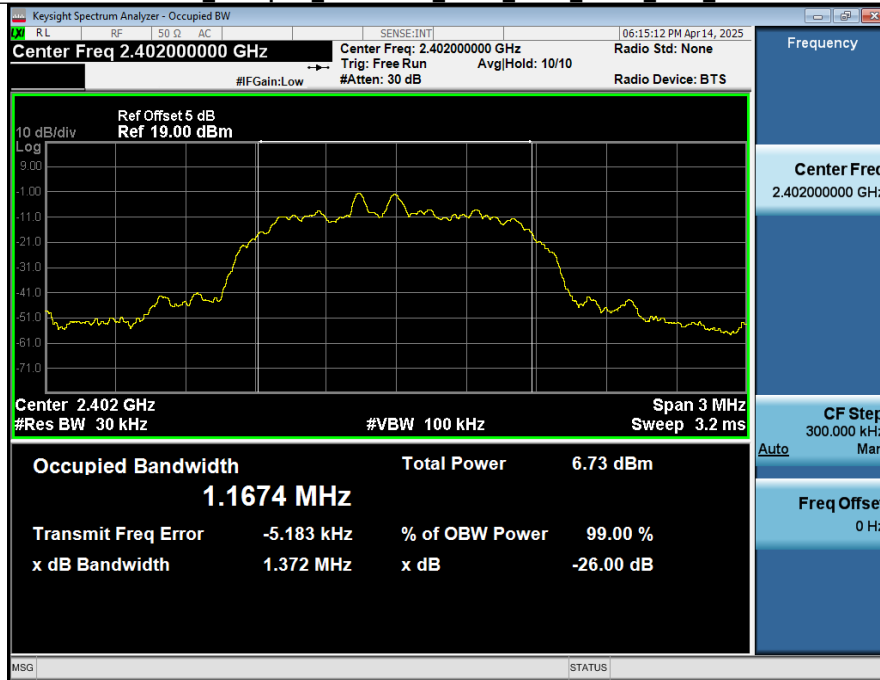
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.823
NVNT	ANT1	1-DH1	2441.00	0.821
NVNT	ANT1	1-DH1	2480.00	0.822
NVNT	ANT1	2-DH1	2402.00	1.167
NVNT	ANT1	2-DH1	2441.00	1.168
NVNT	ANT1	2-DH1	2480.00	1.168



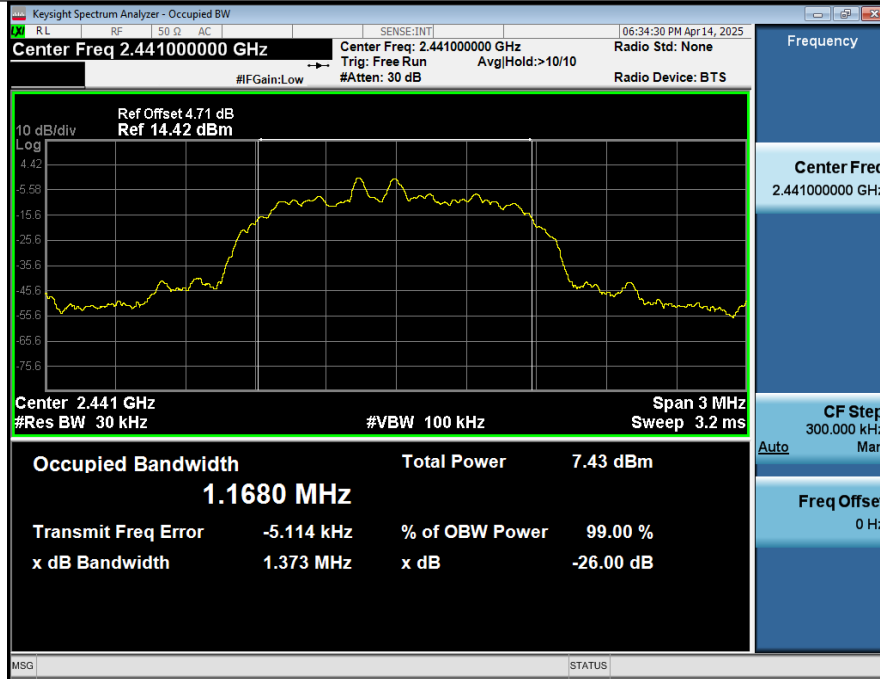
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



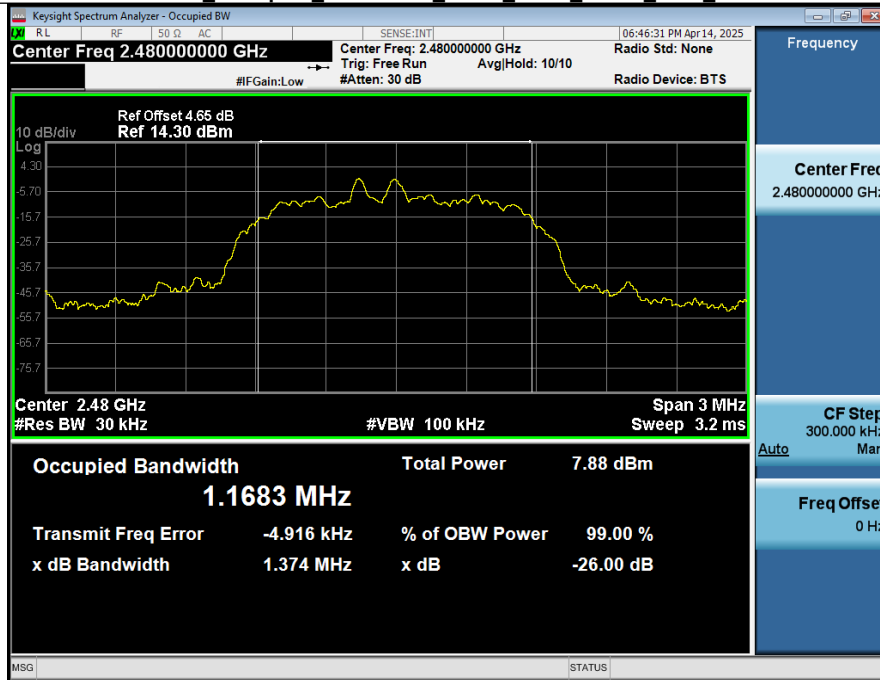
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00

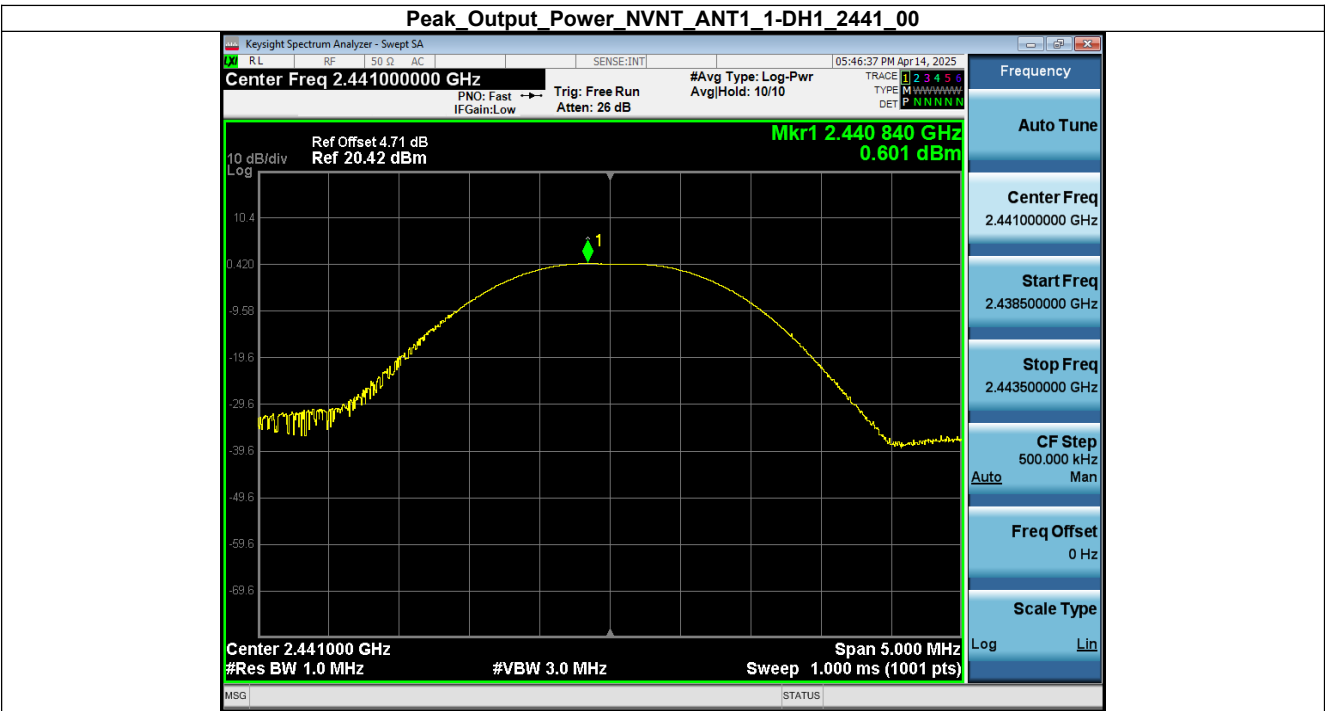
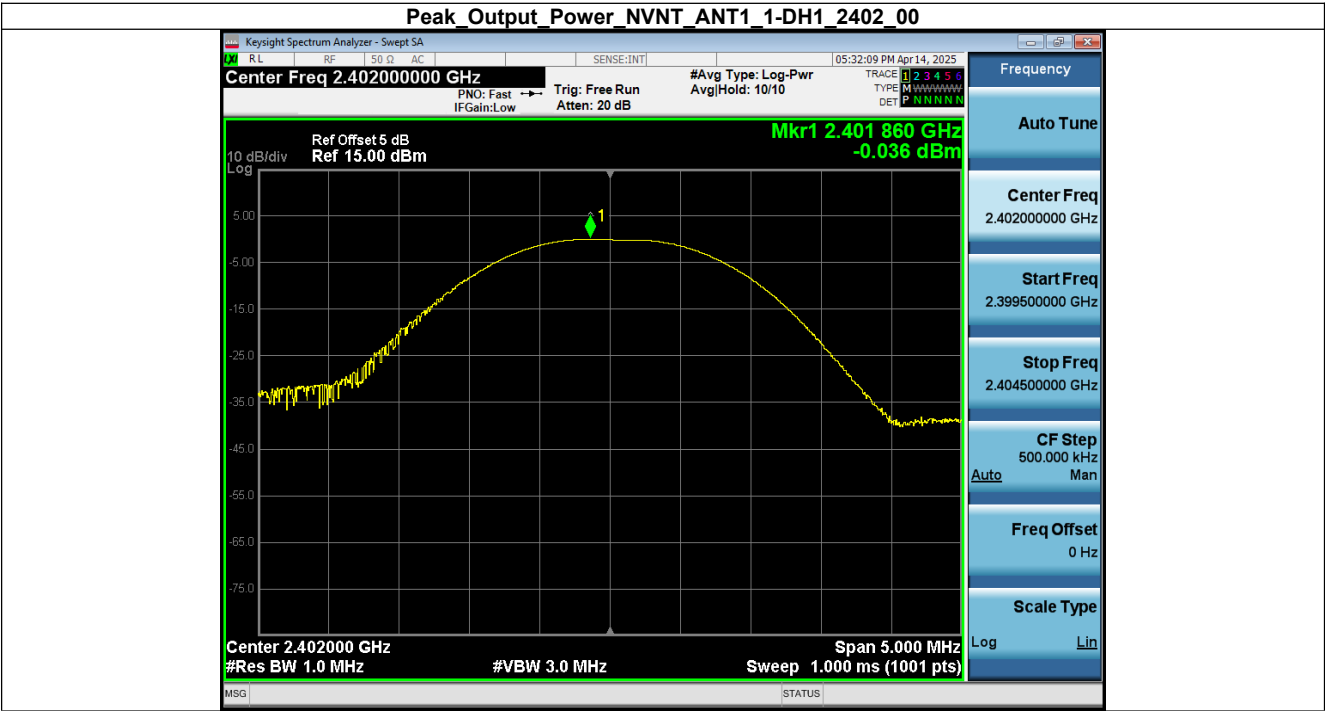


99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



4. Peak Output Power

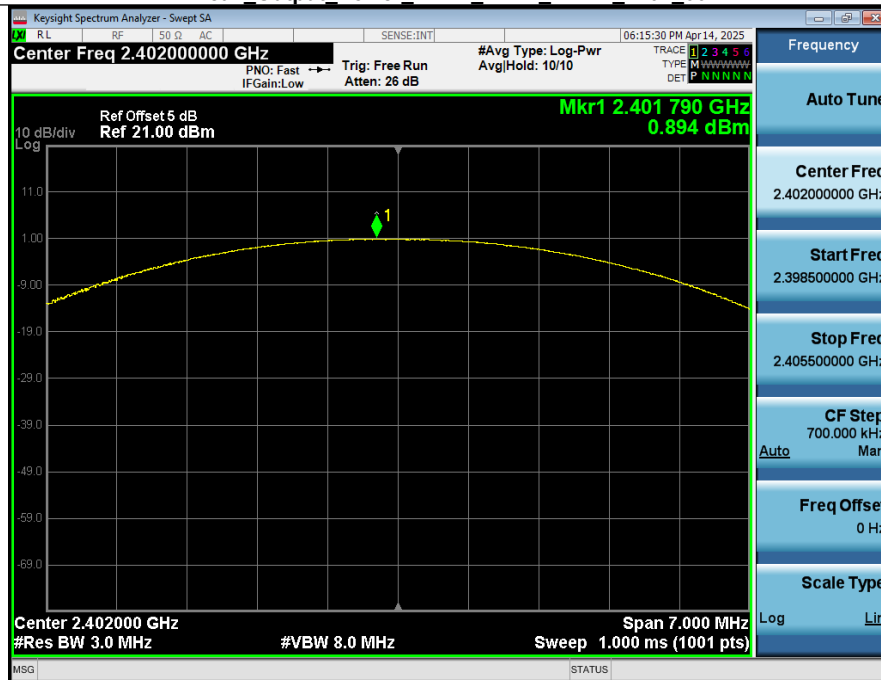
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.04	0.99	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.60	1.15	1000	Pass
NVNT	ANT1	1-DH1	2480.00	1.11	1.29	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.89	1.23	125	Pass
NVNT	ANT1	2-DH1	2441.00	1.62	1.45	125	Pass
NVNT	ANT1	2-DH1	2480.00	2.04	1.60	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

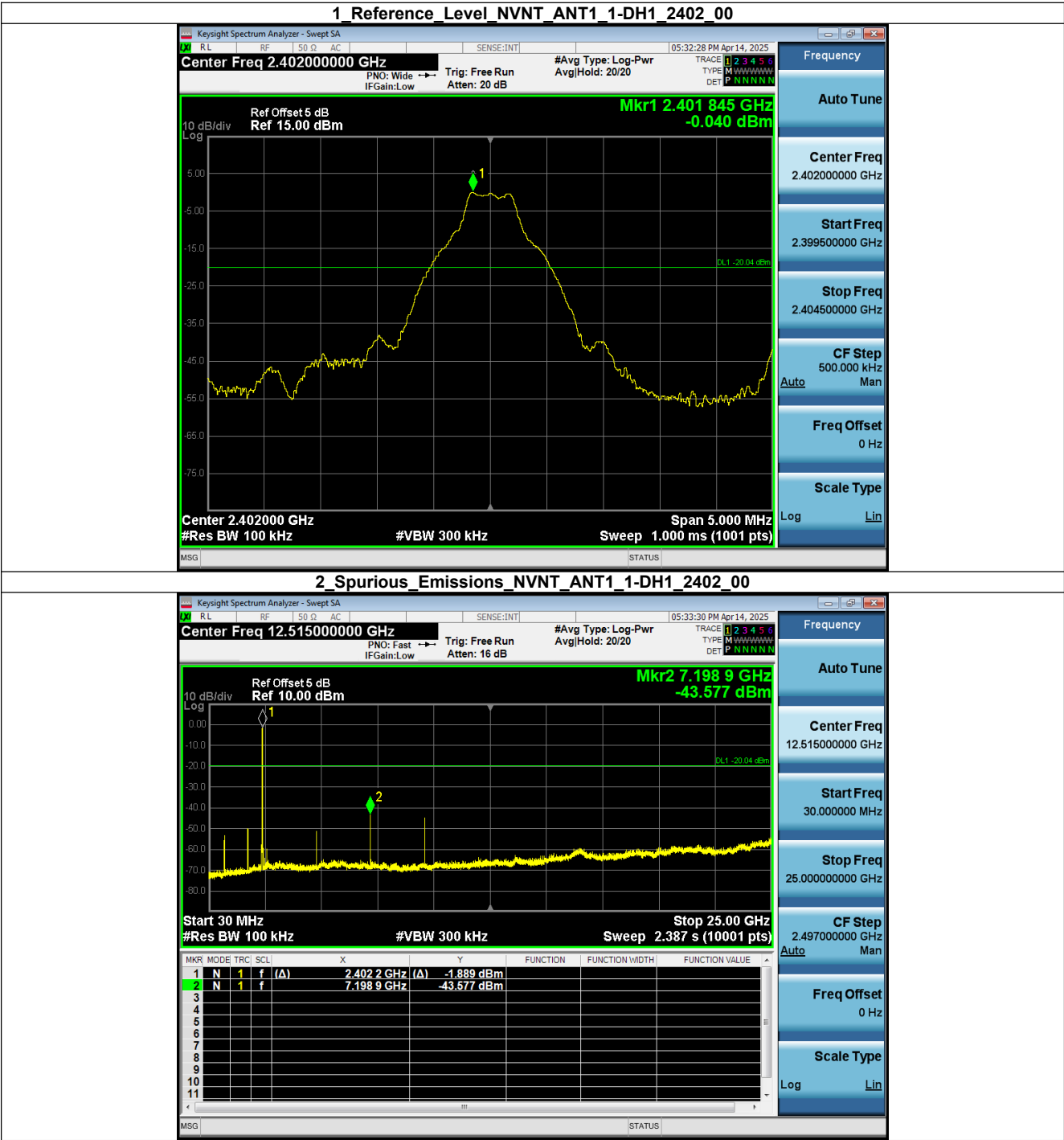


Peak Output Power_NVNT_ANT1_2-DH1_2480_00



5. Spurious Emissions

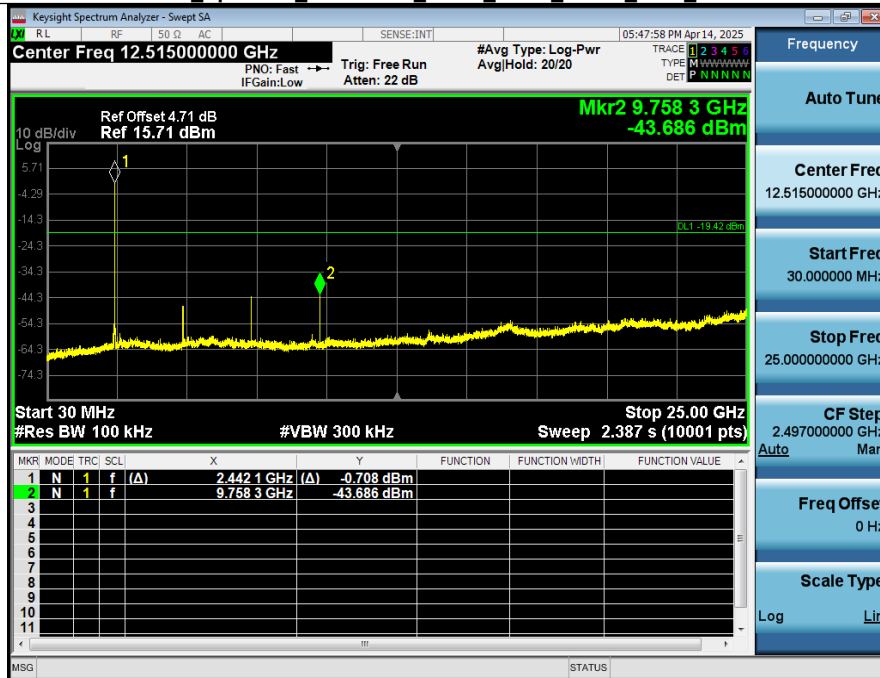
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.040	-43.577	-20.040	Pass
NVNT	ANT1	1-DH1	2441.00	0.577	-43.686	-19.423	Pass
NVNT	ANT1	1-DH1	2480.00	1.113	-42.848	-18.887	Pass
NVNT	ANT1	2-DH1	2402.00	-0.044	-44.791	-20.044	Pass
NVNT	ANT1	2-DH1	2441.00	0.656	-43.680	-19.344	Pass
NVNT	ANT1	2-DH1	2480.00	1.102	-42.639	-18.898	Pass



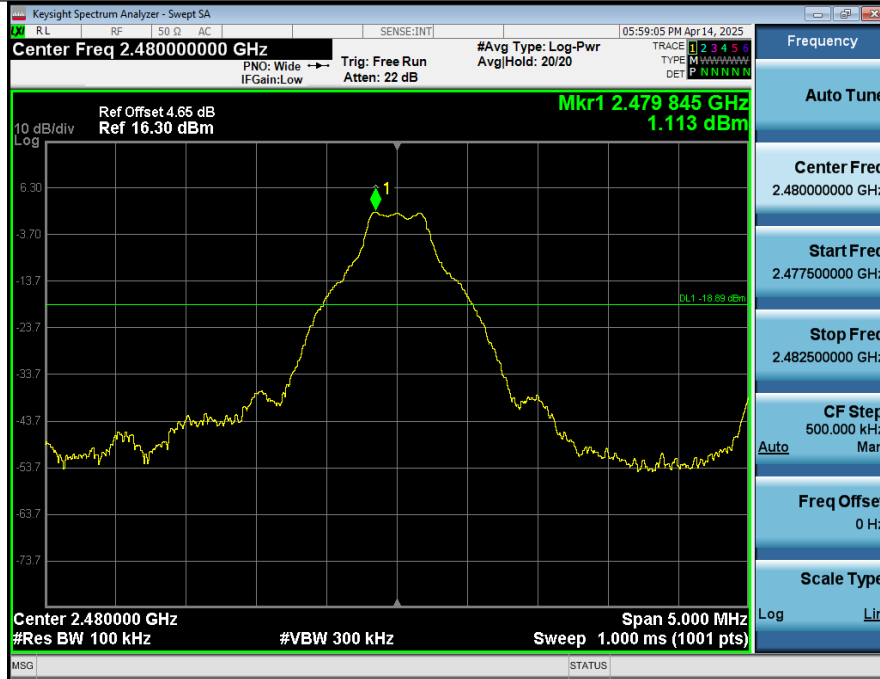
1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



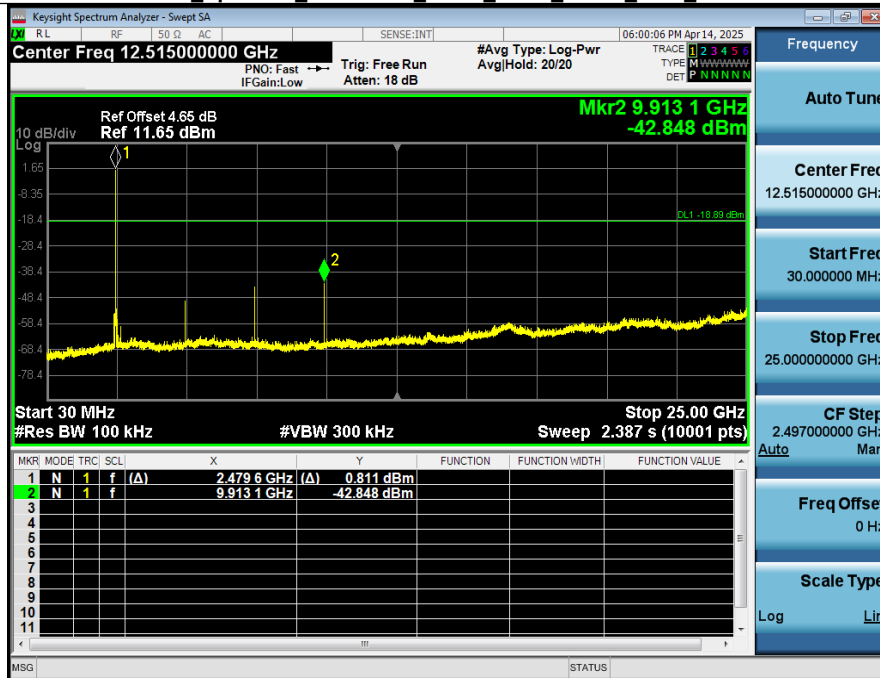
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



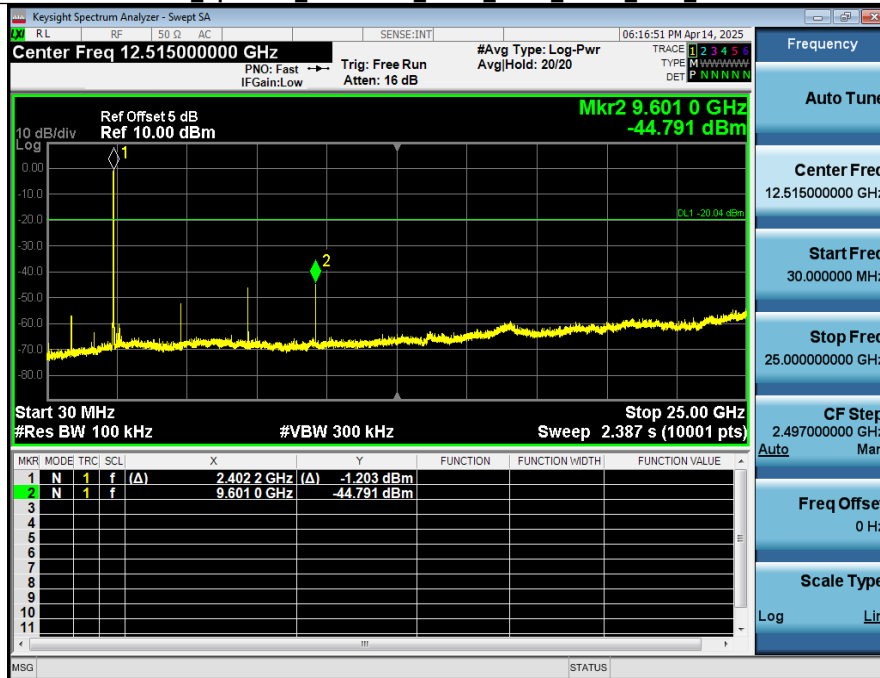
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



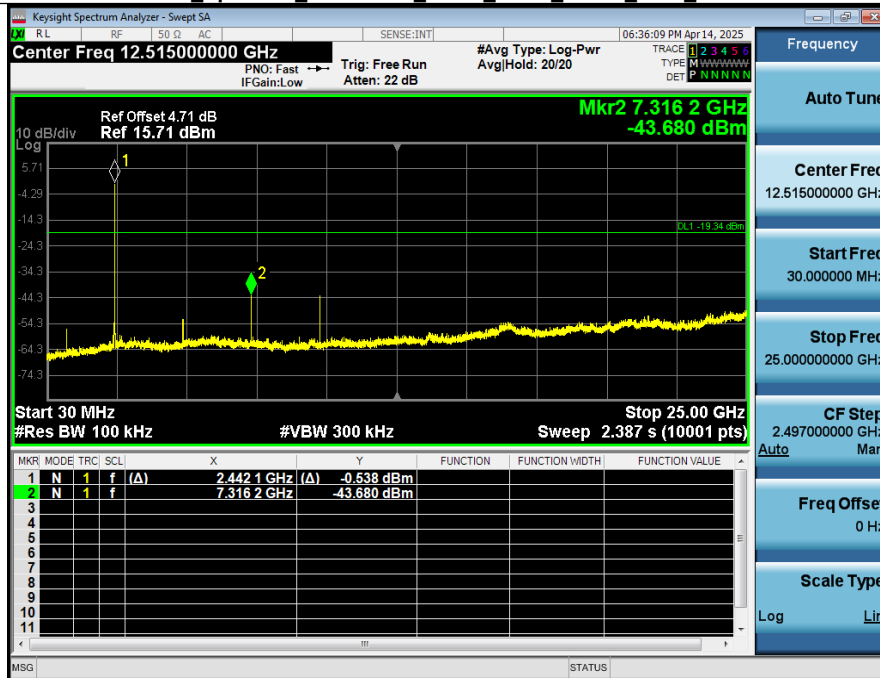
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



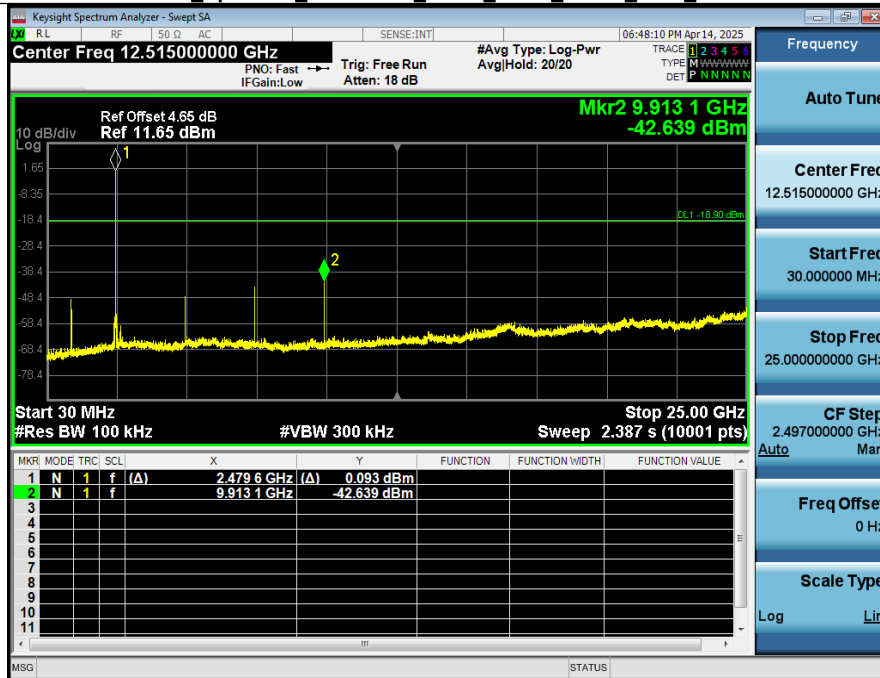
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00

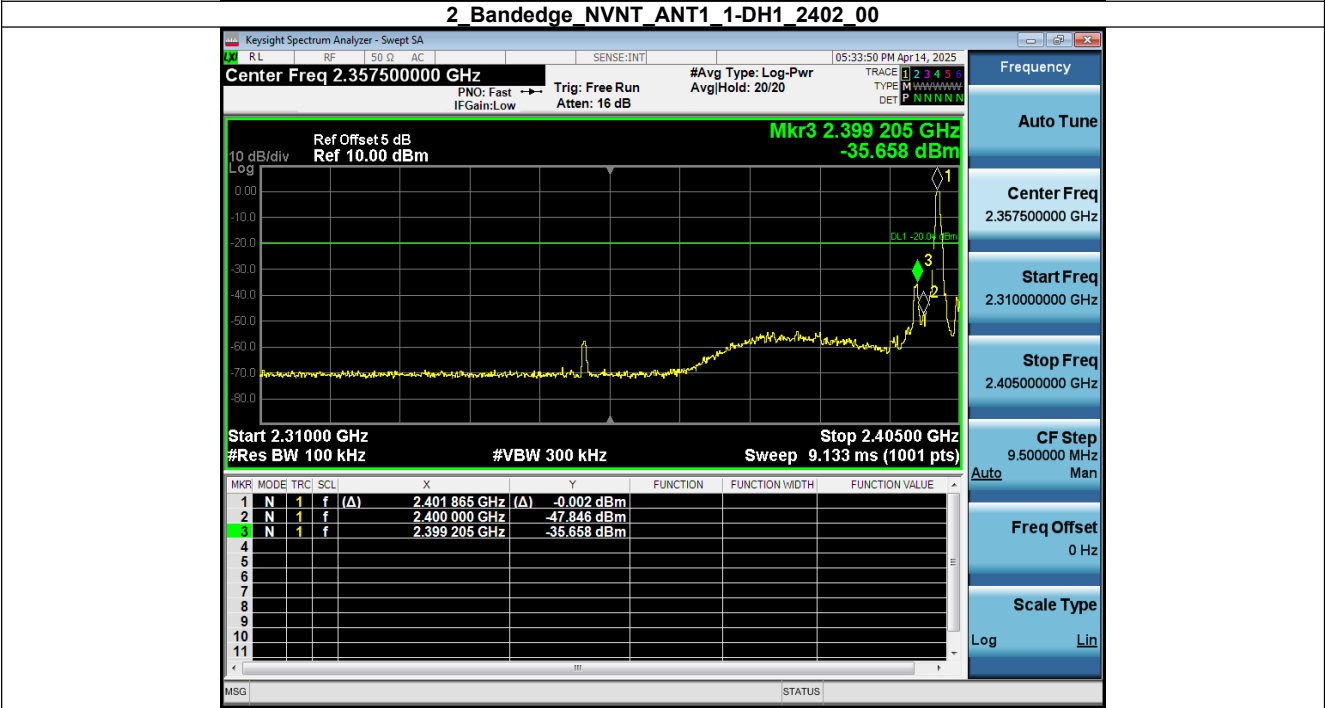


2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



6. Bandedge

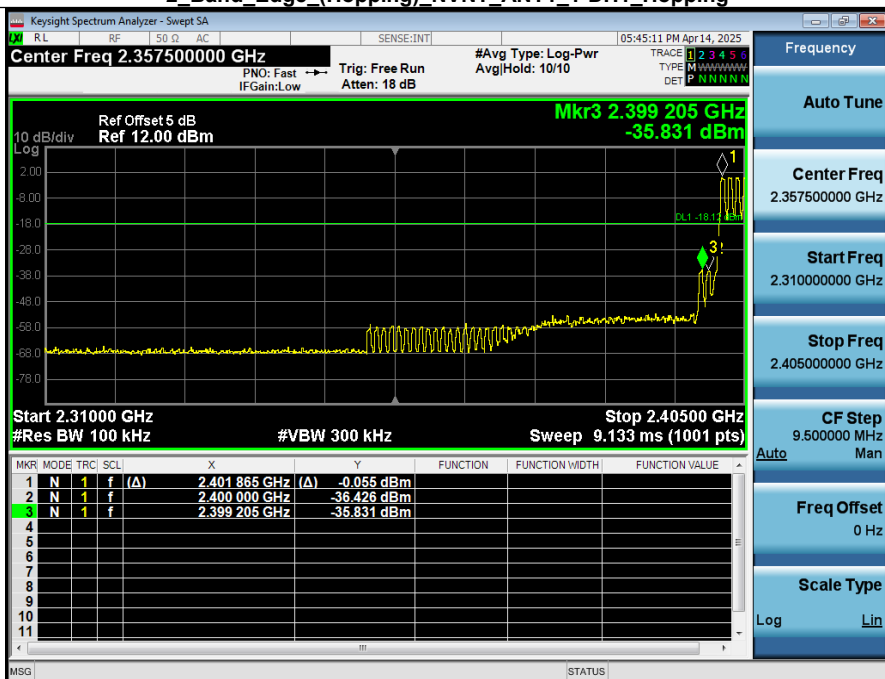
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.040	-35.658	-20.040	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	1.877	-35.831	-18.123	Pass
NVNT	ANT1	1-DH1	2480.00	1.113	-41.378	-18.887	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	1.478	-42.953	-18.522	Pass
NVNT	ANT1	2-DH1	2402.00	-0.044	-35.698	-20.044	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	1.848	-35.739	-18.152	Pass
NVNT	ANT1	2-DH1	2480.00	1.102	-42.703	-18.898	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	1.475	-43.726	-18.525	Pass



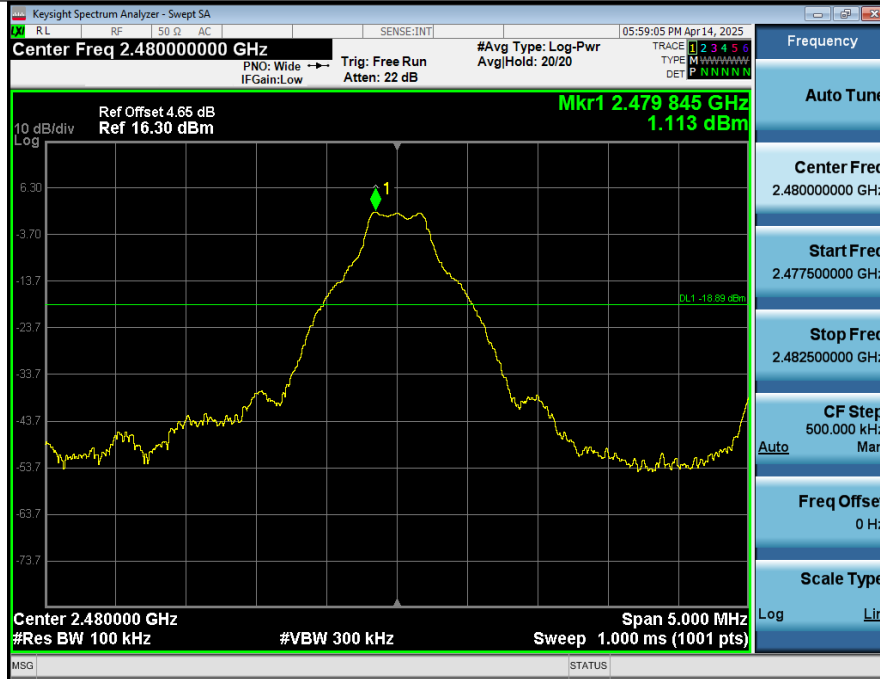
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



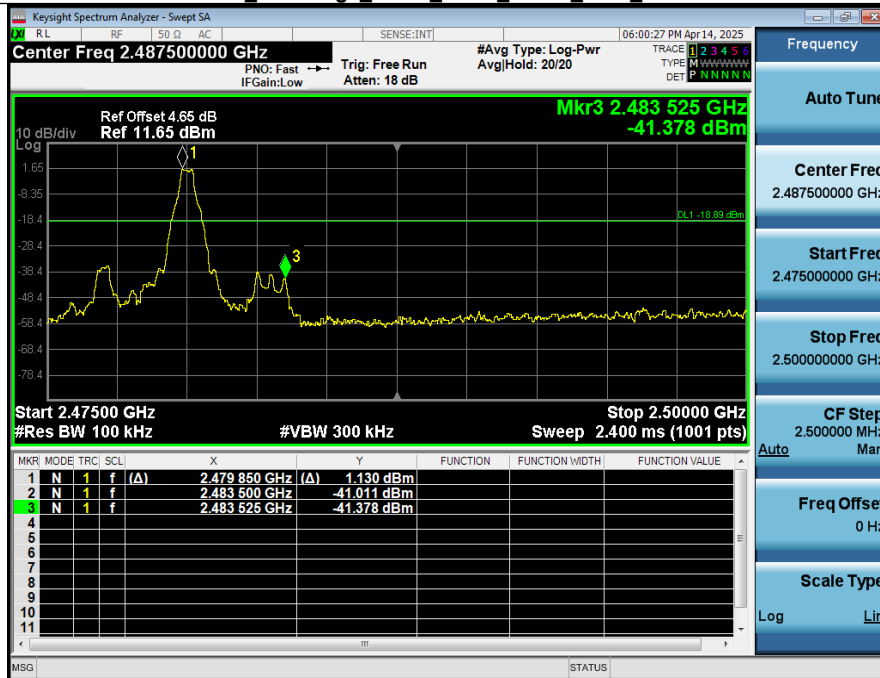
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



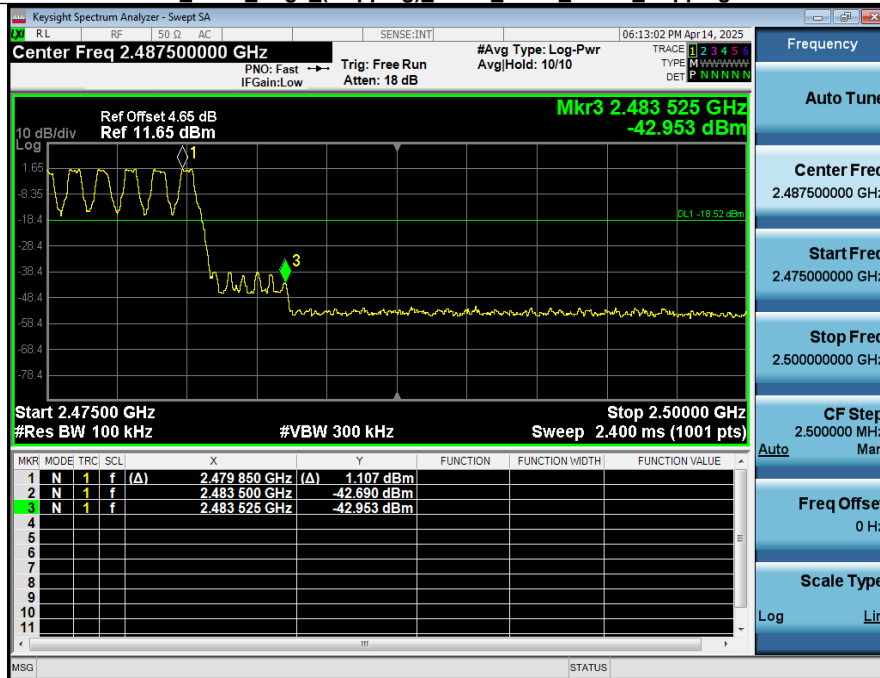
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



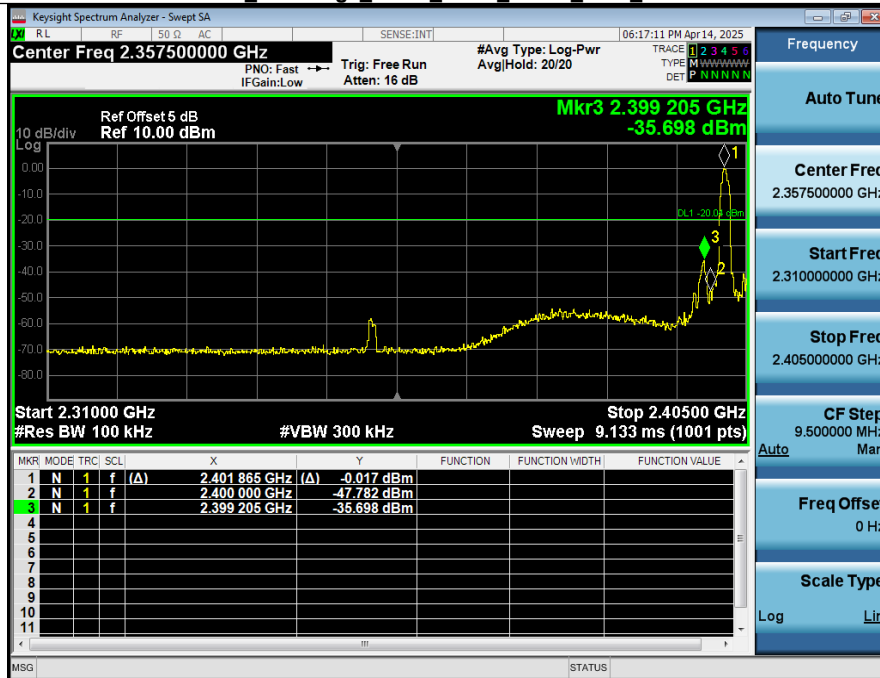
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



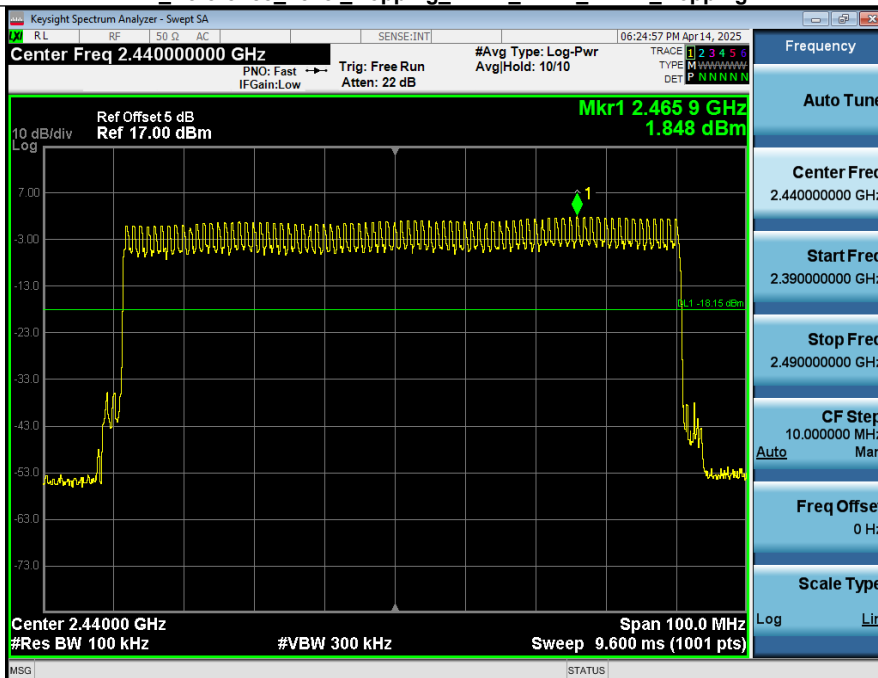
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



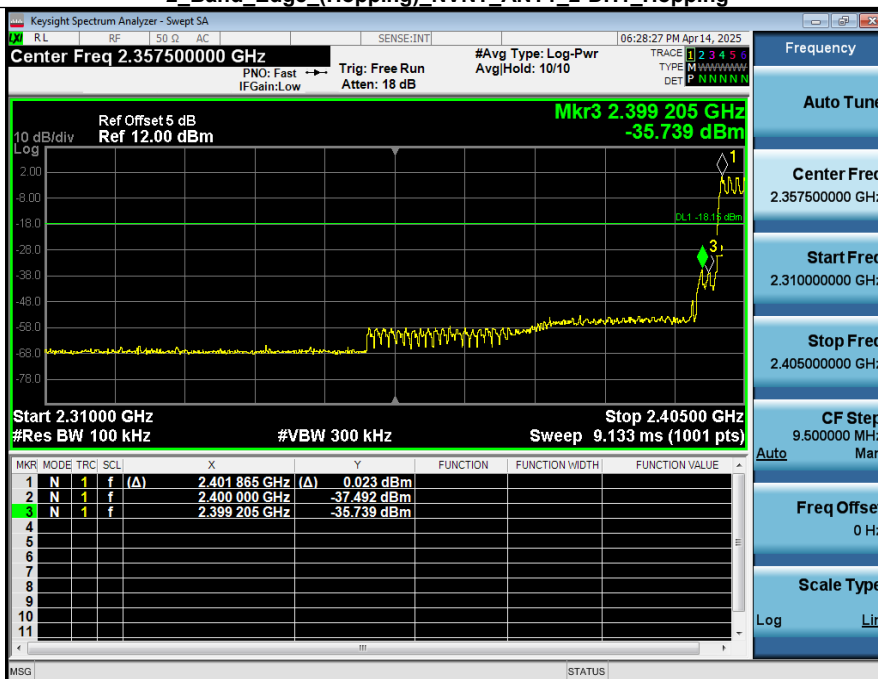
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



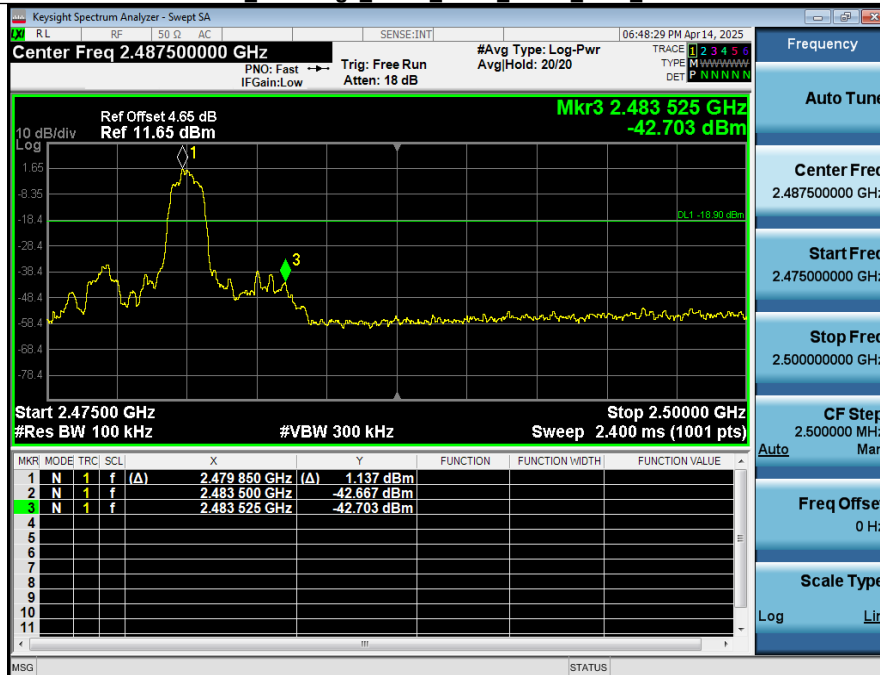
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



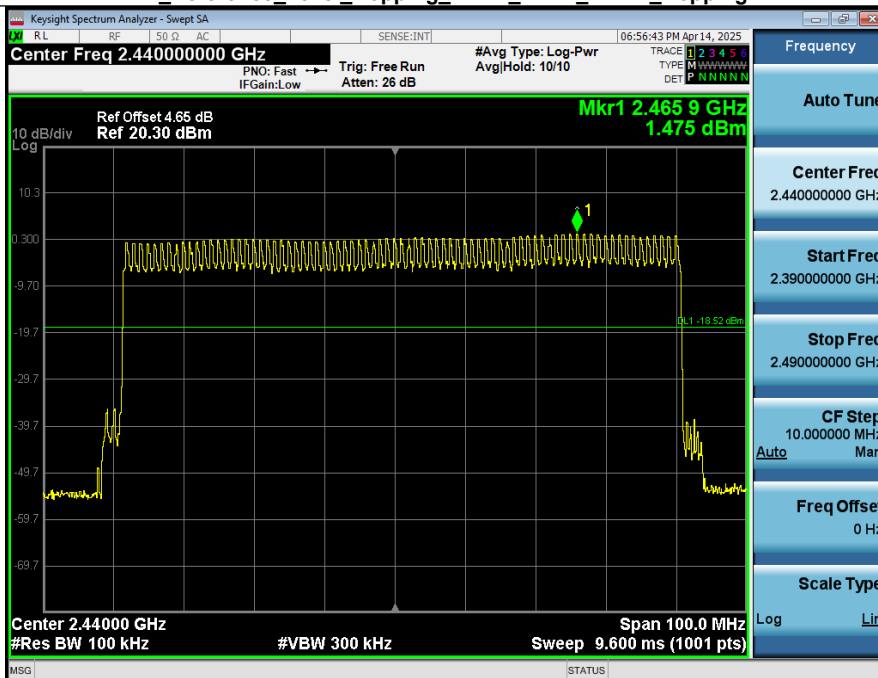
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



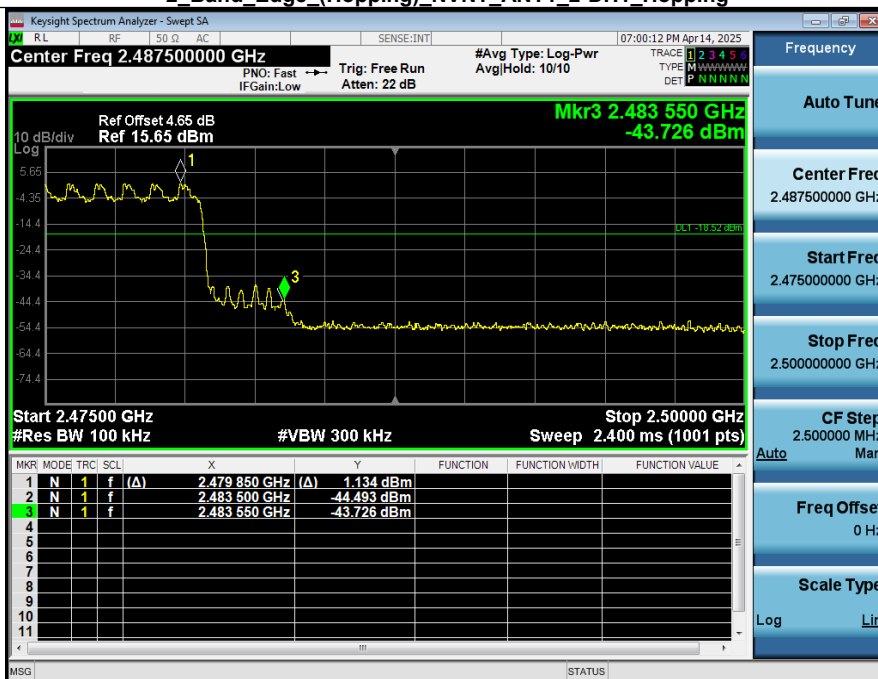
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1_Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

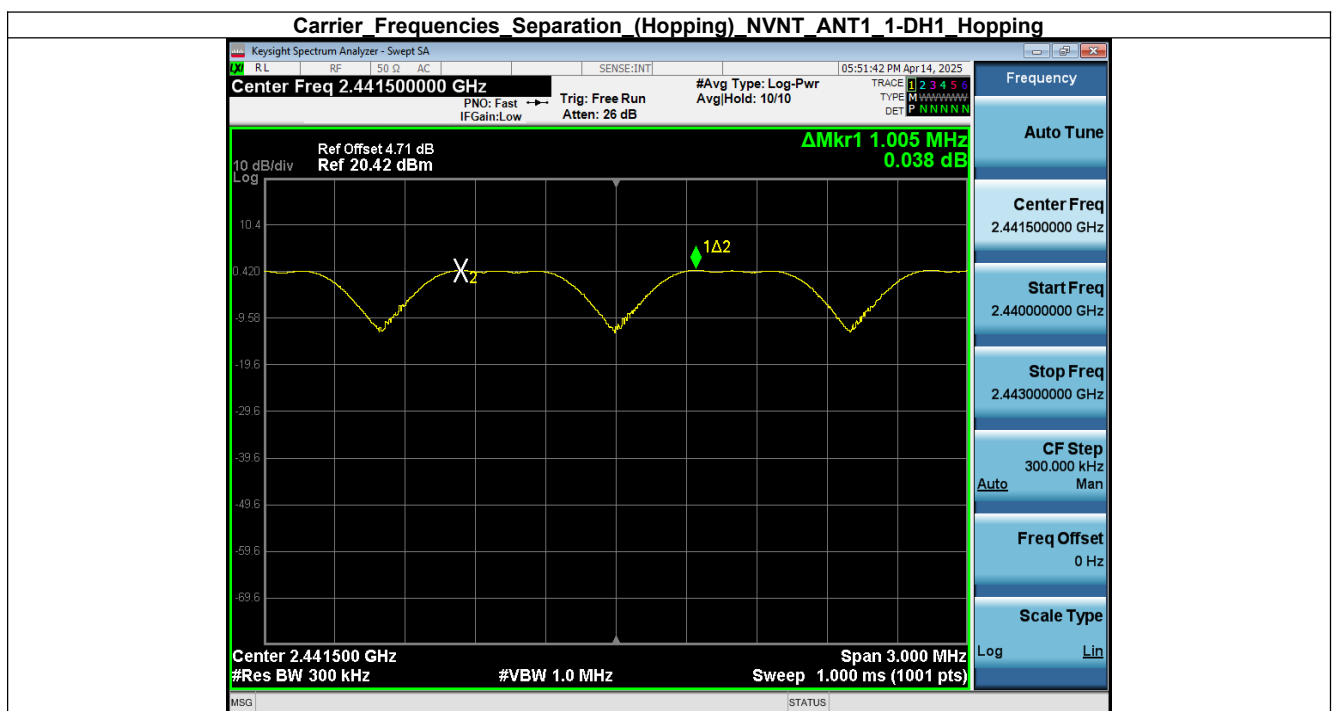
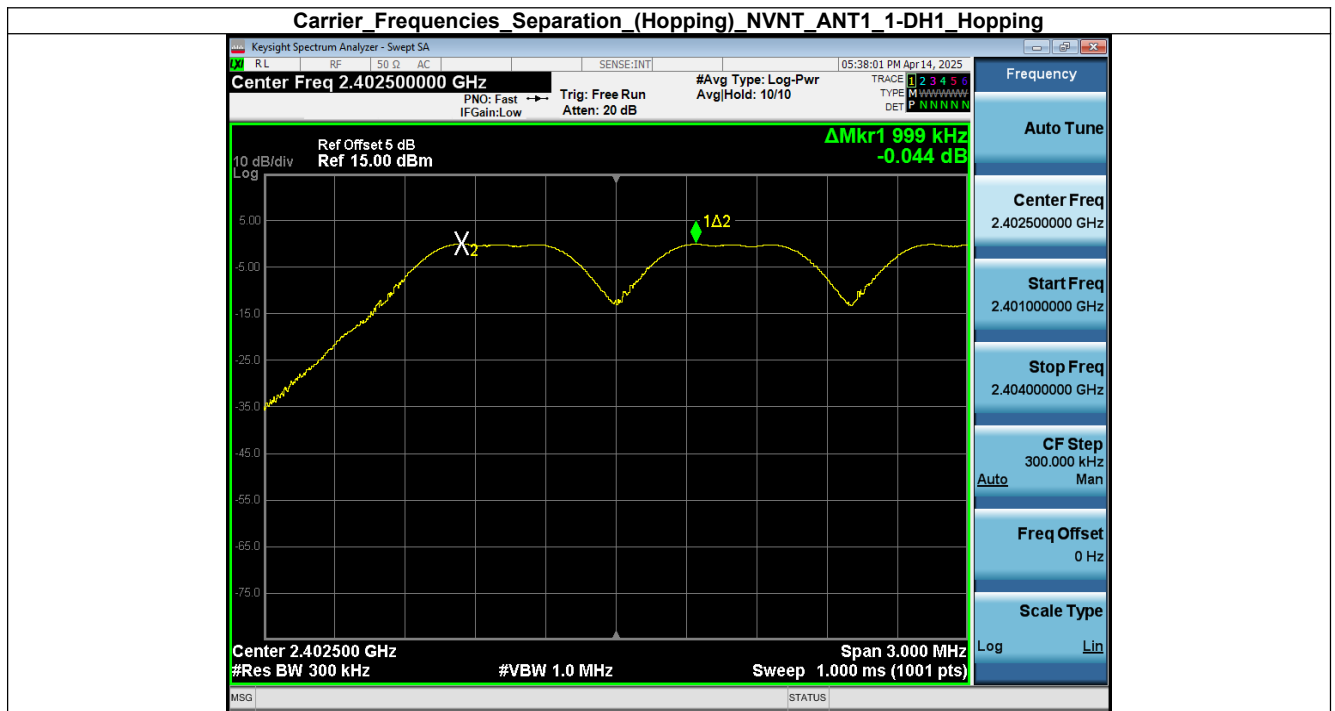


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

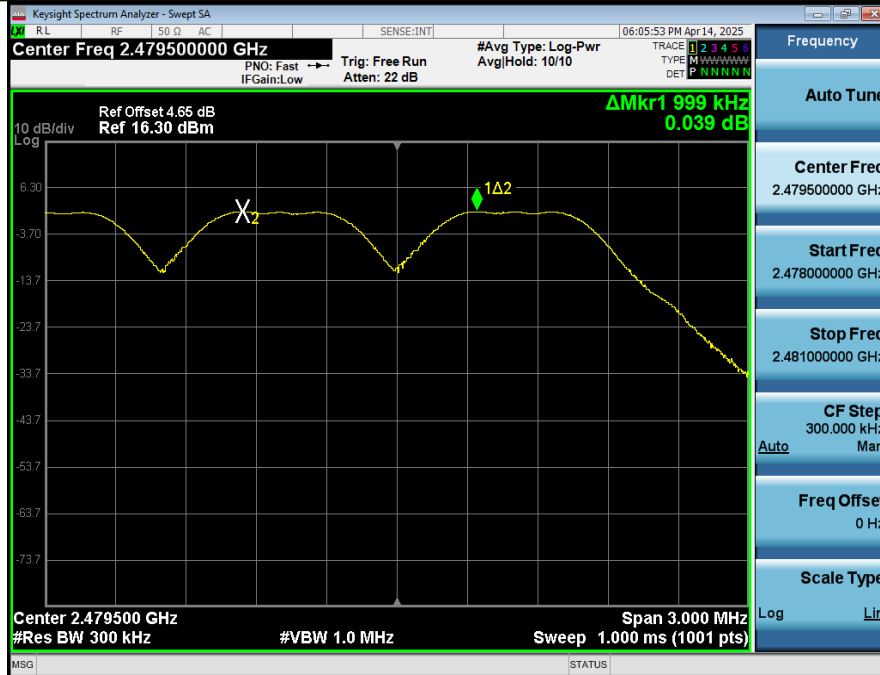


7. Carrier Frequencies Separation (Hopping)

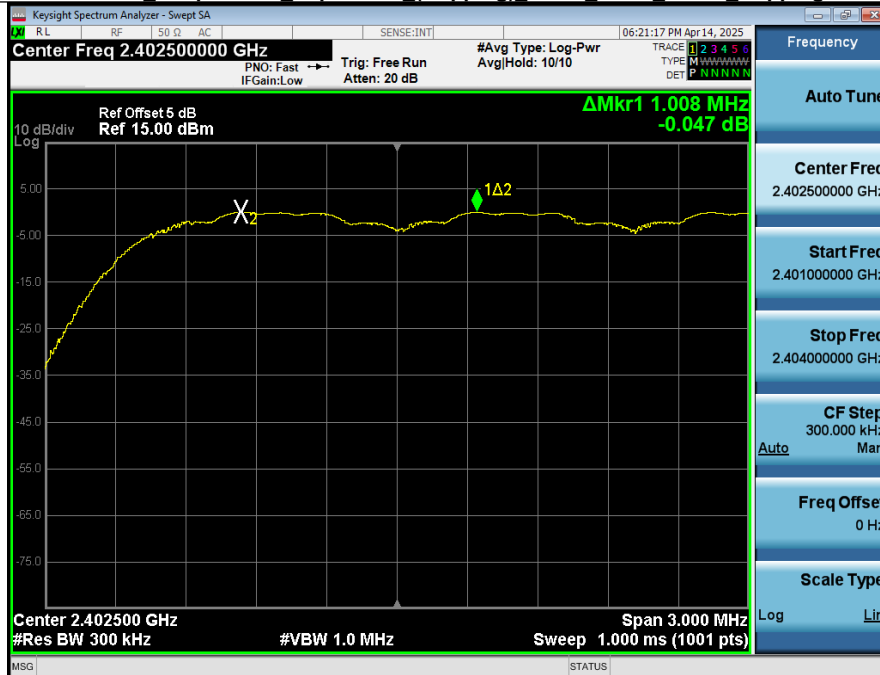
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2401.843	2402.842	1.00	0.878	Pass
NVNT	ANT1	1-DH1	2441.00	2440.837	2441.842	1.00	0.875	Pass
NVNT	ANT1	1-DH1	2480.00	2478.843	2479.842	1.00	0.877	Pass
NVNT	ANT1	2-DH1	2402.00	2401.834	2402.842	1.01	0.836	Pass
NVNT	ANT1	2-DH1	2441.00	2440.837	2441.839	1.00	0.837	Pass
NVNT	ANT1	2-DH1	2480.00	2478.843	2479.845	1.00	0.836	Pass



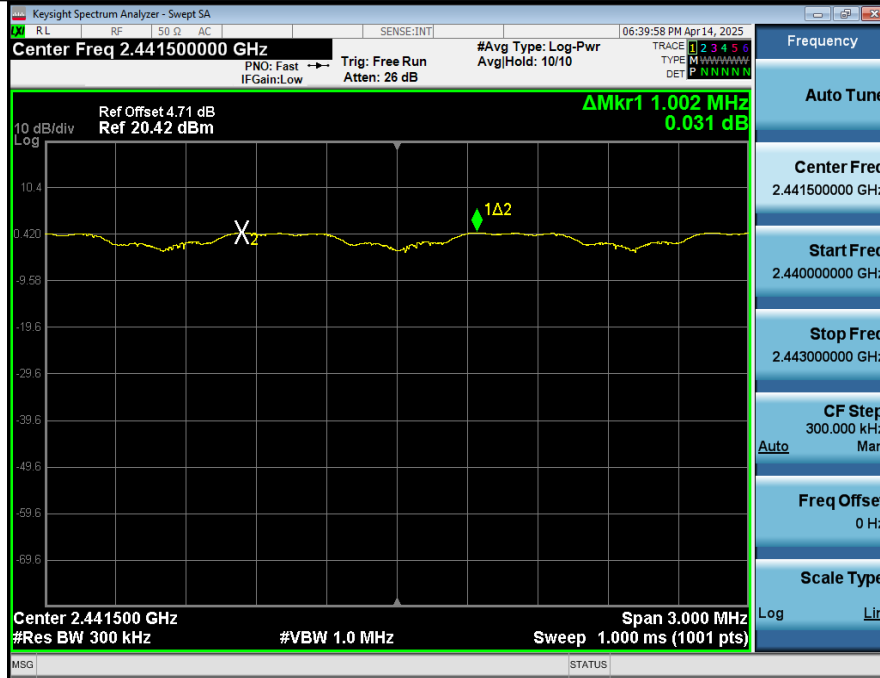
Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping

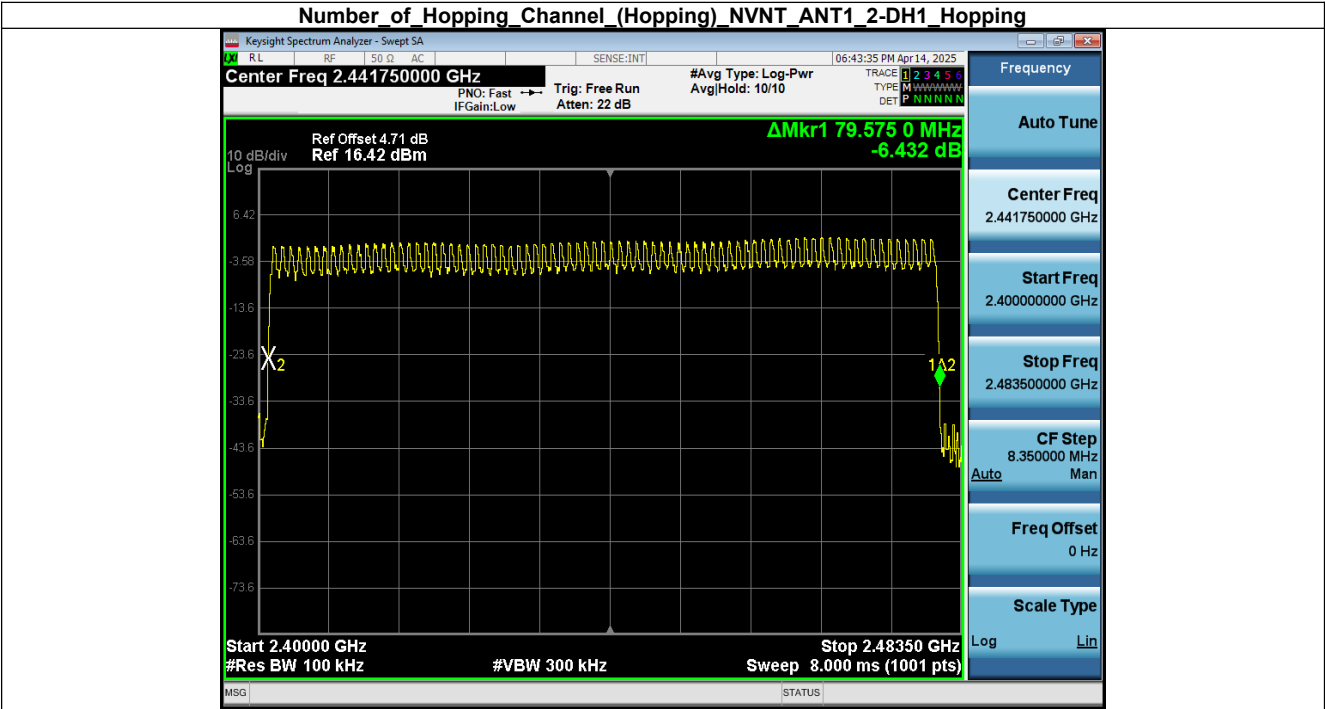
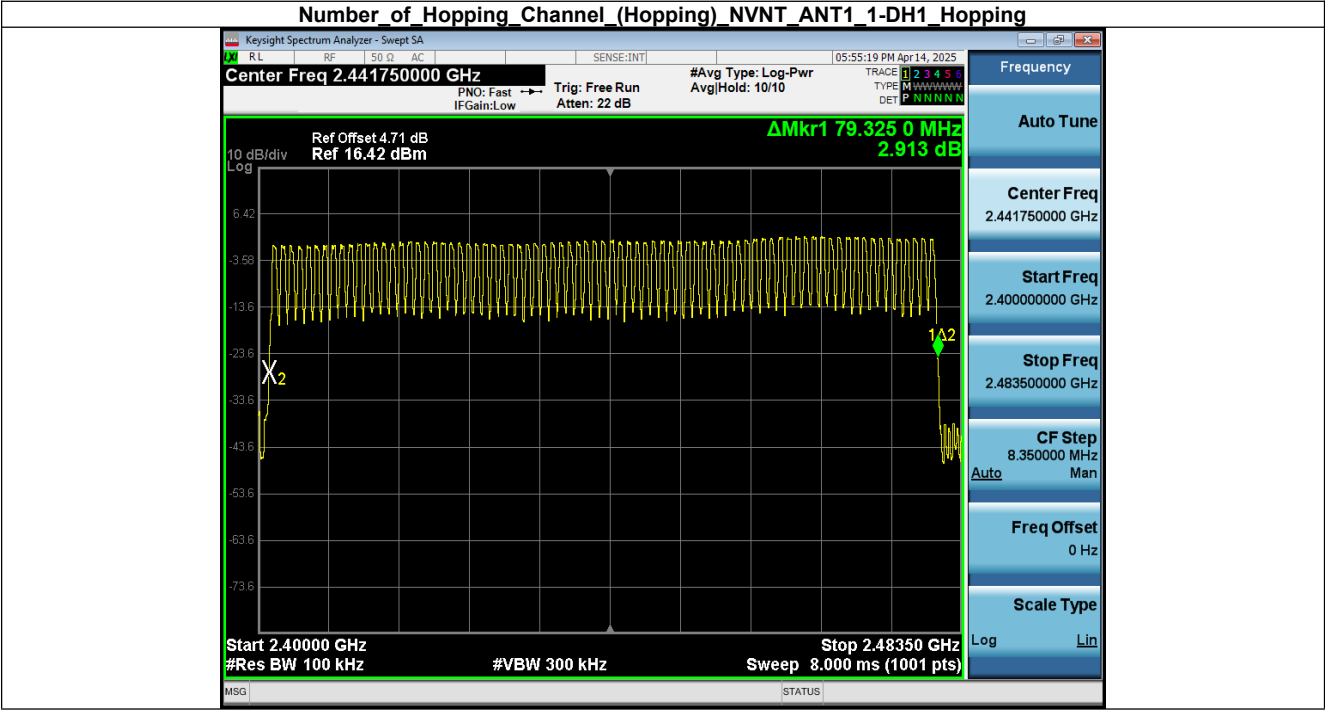


Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



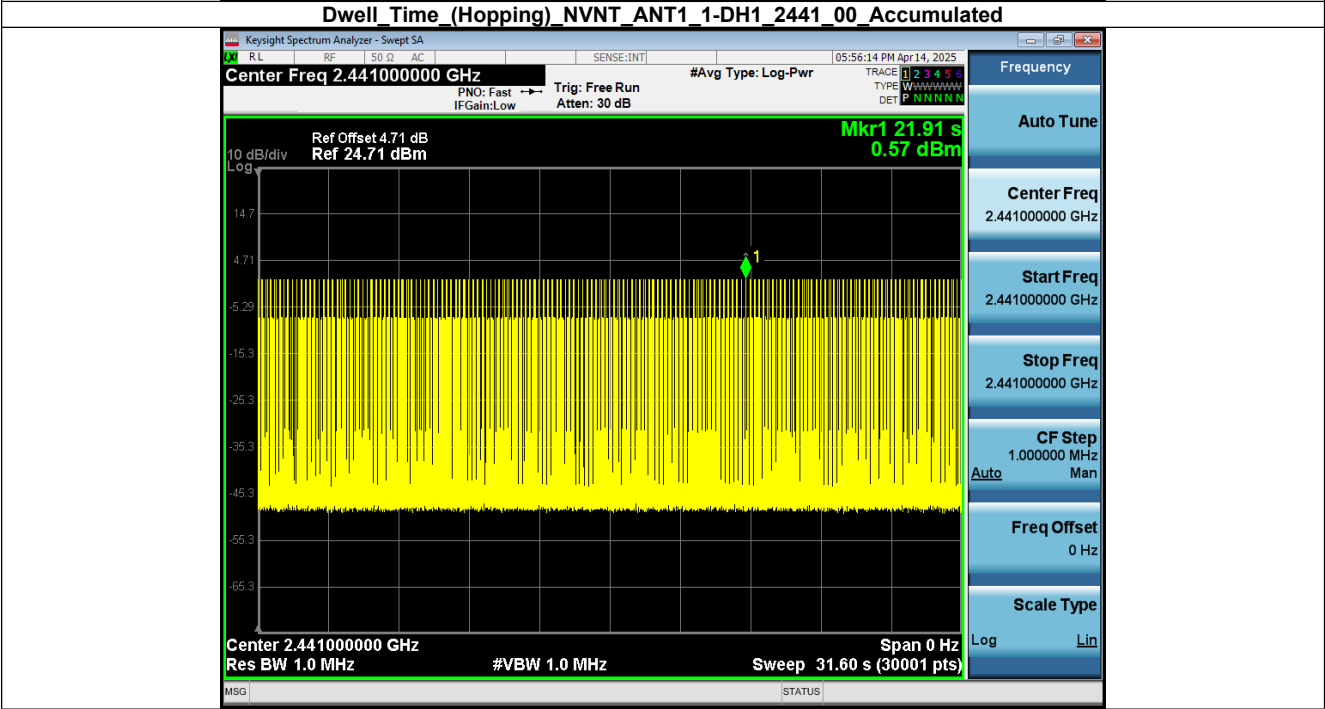
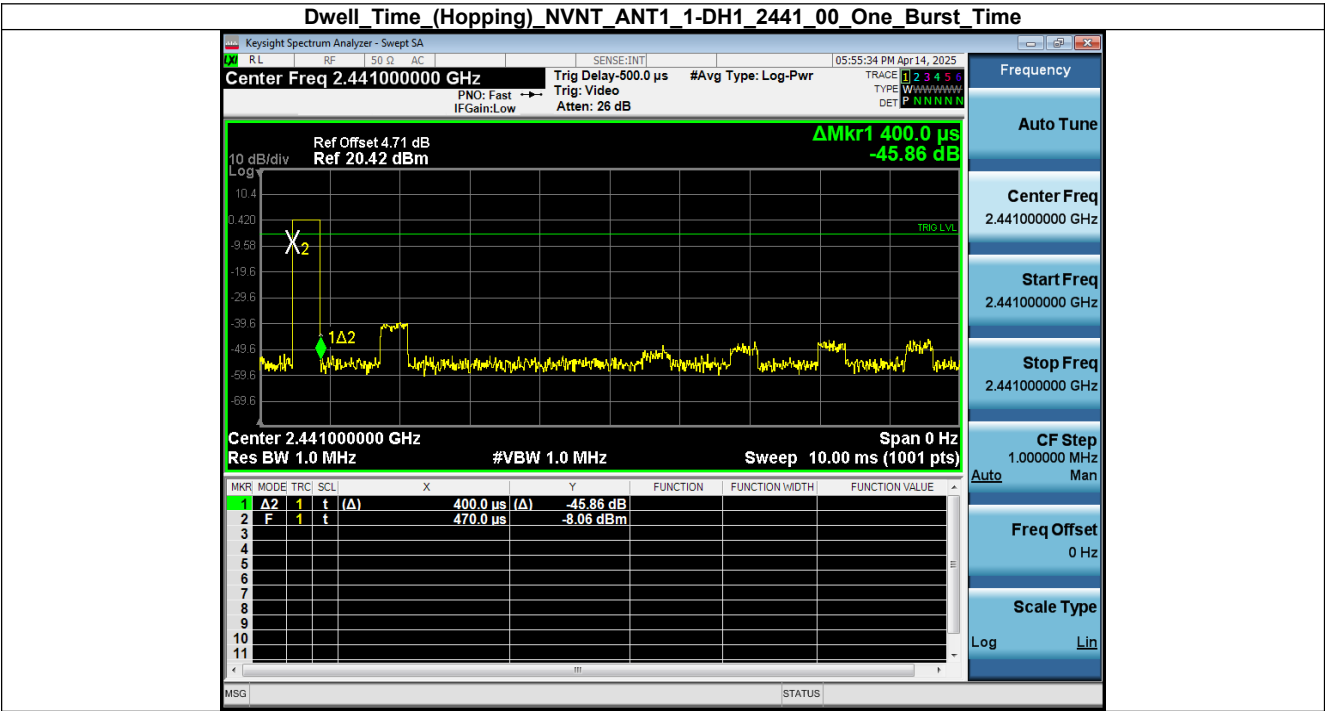
8. Number of Hopping Channel (Hopping)

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

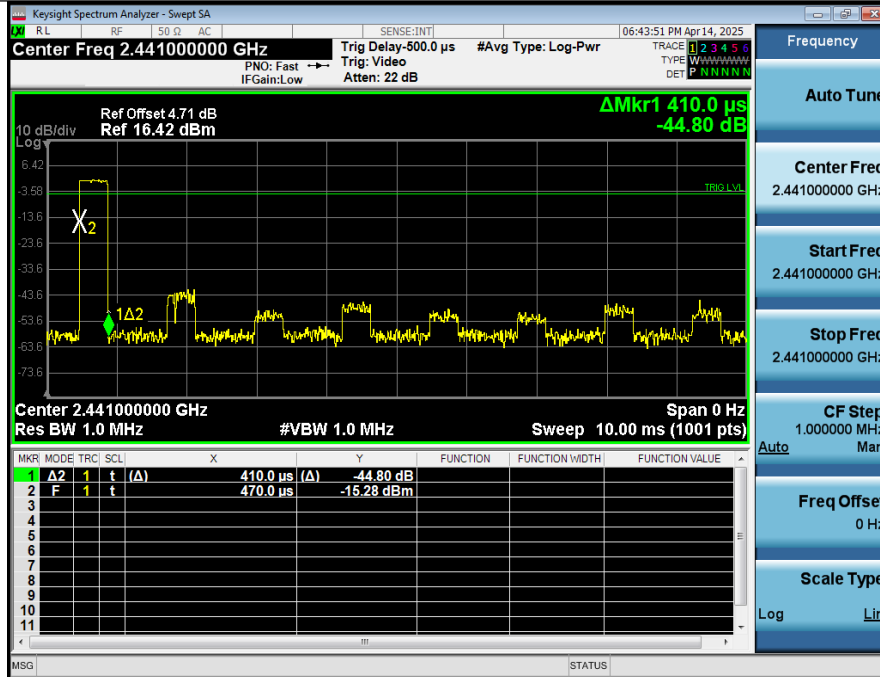


9. Dwell Time (Hopping)

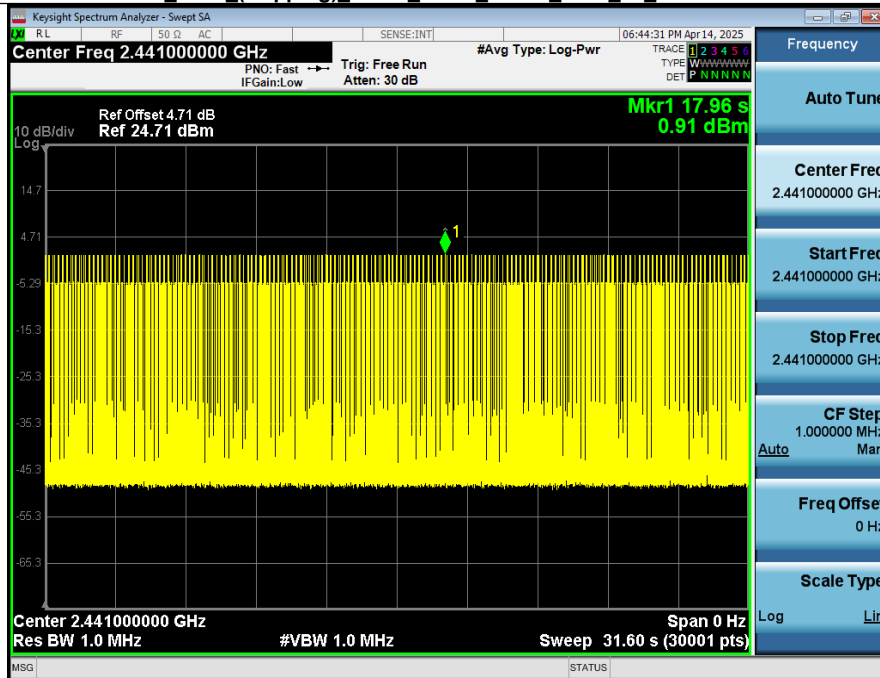
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	2-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	1-DH3	1.650	165.00	272.250	0.40	Pass
NVNT	ANT1	1-DH5	2.900	106.00	307.400	0.40	Pass
NVNT	ANT1	2-DH3	1.650	156.00	257.400	0.40	Pass
NVNT	ANT1	2-DH5	2.900	111.00	321.900	0.40	Pass



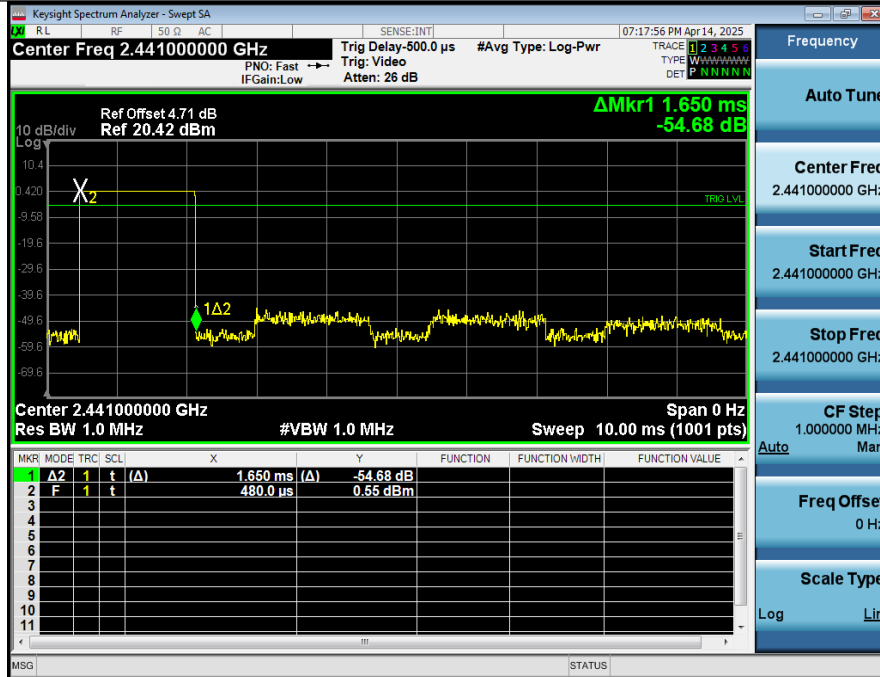
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



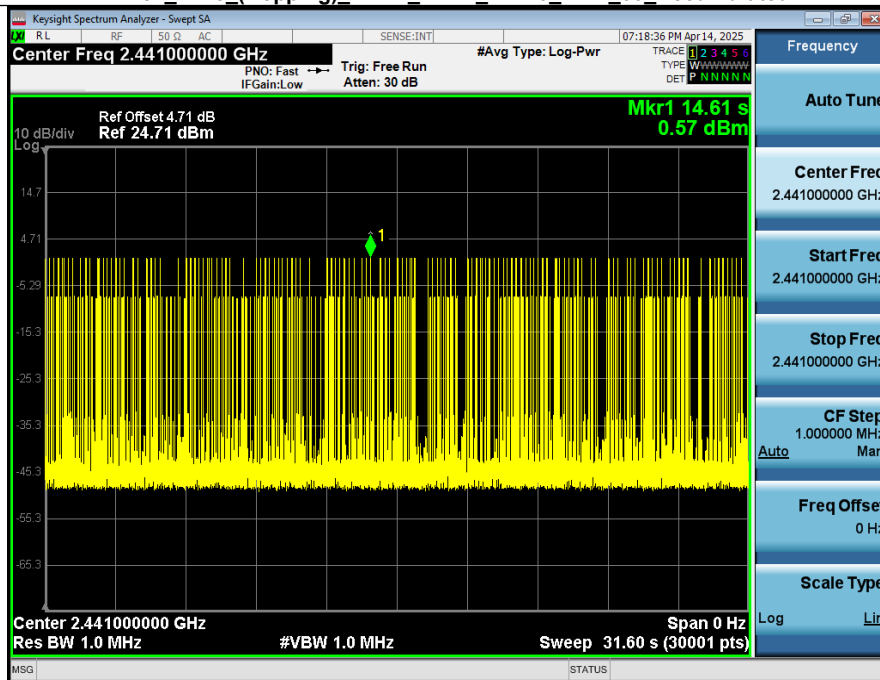
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



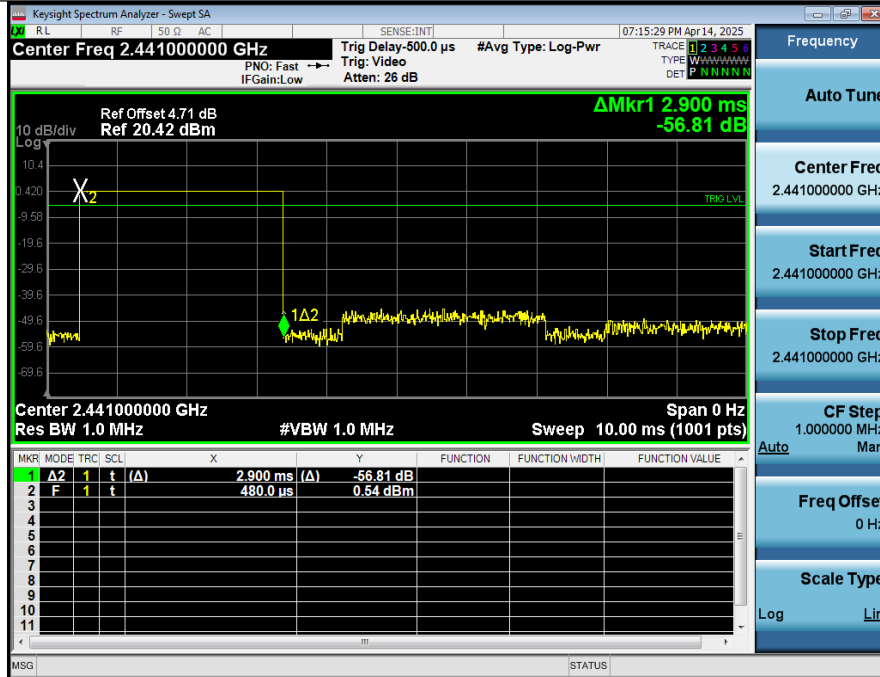
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



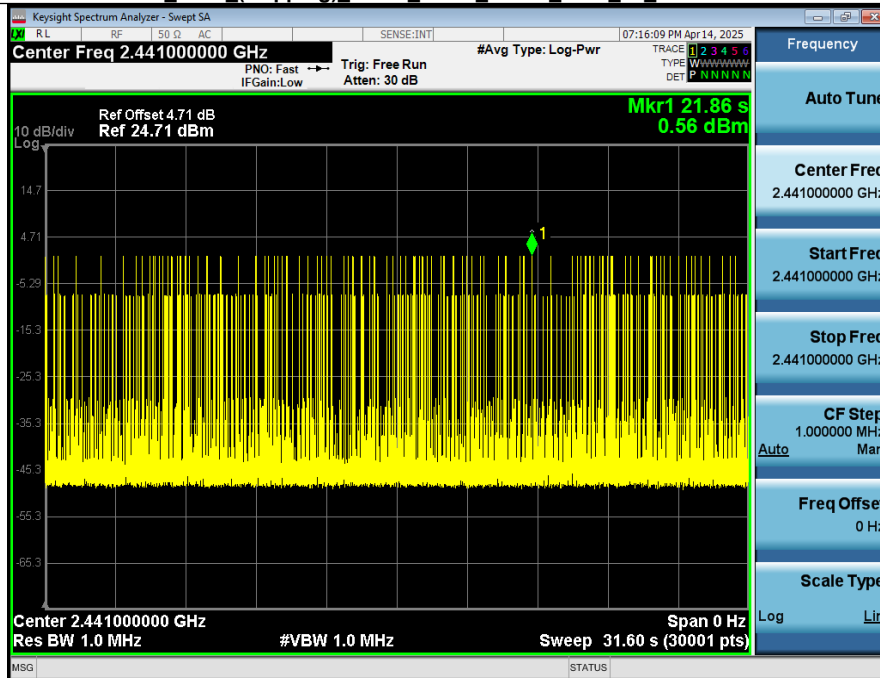
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



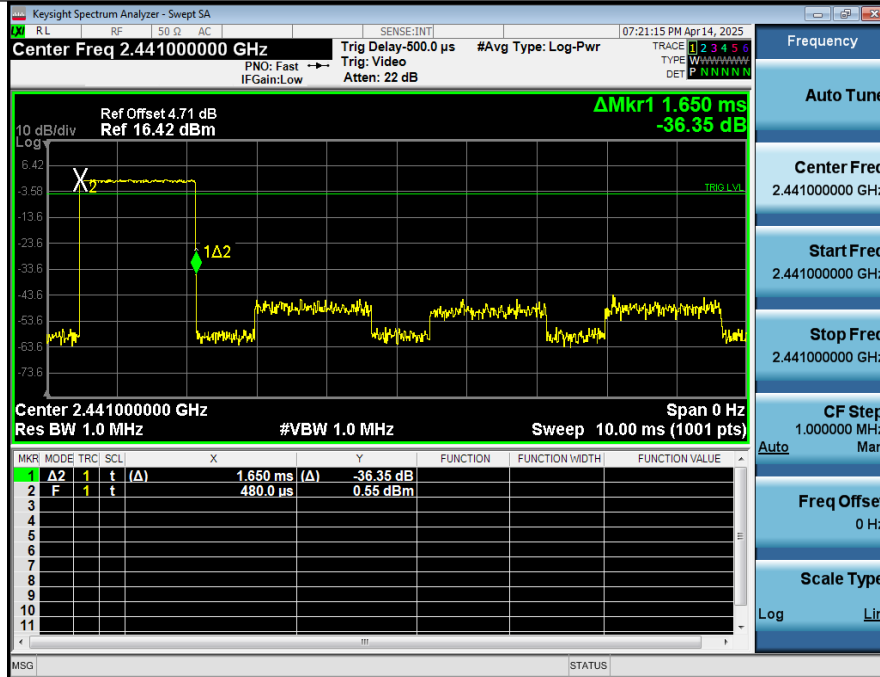
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



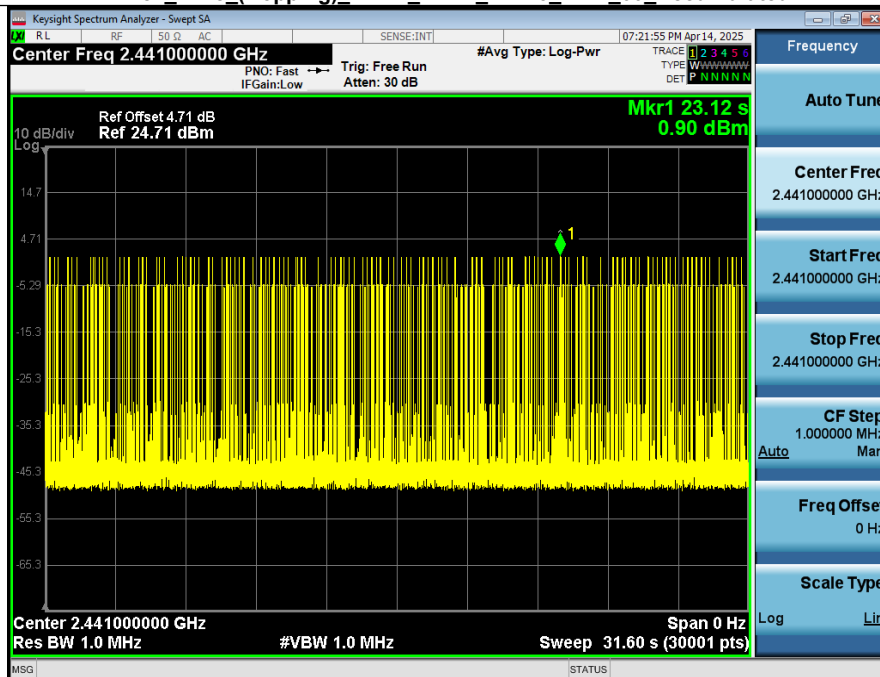
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



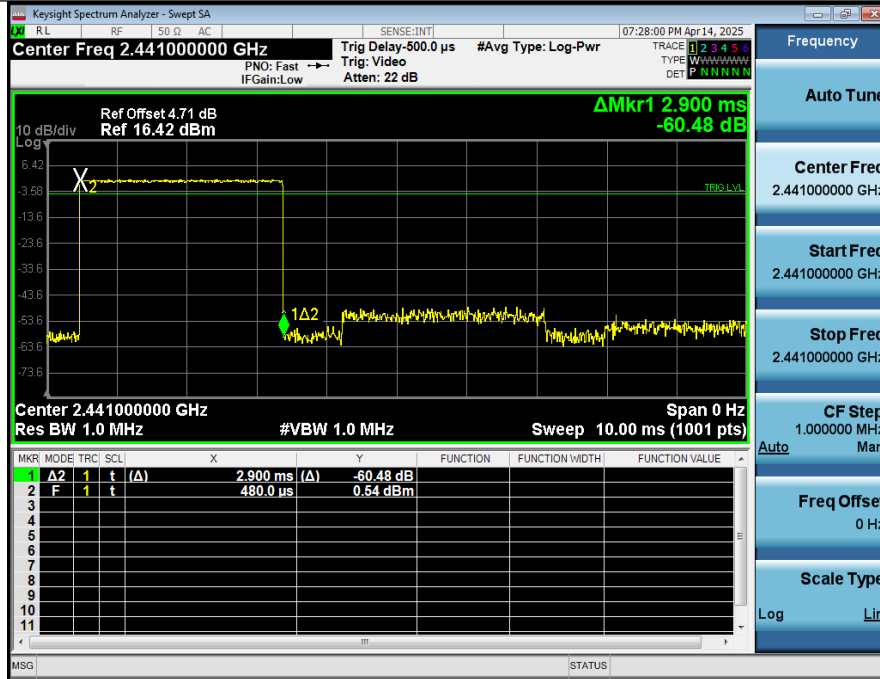
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



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

