

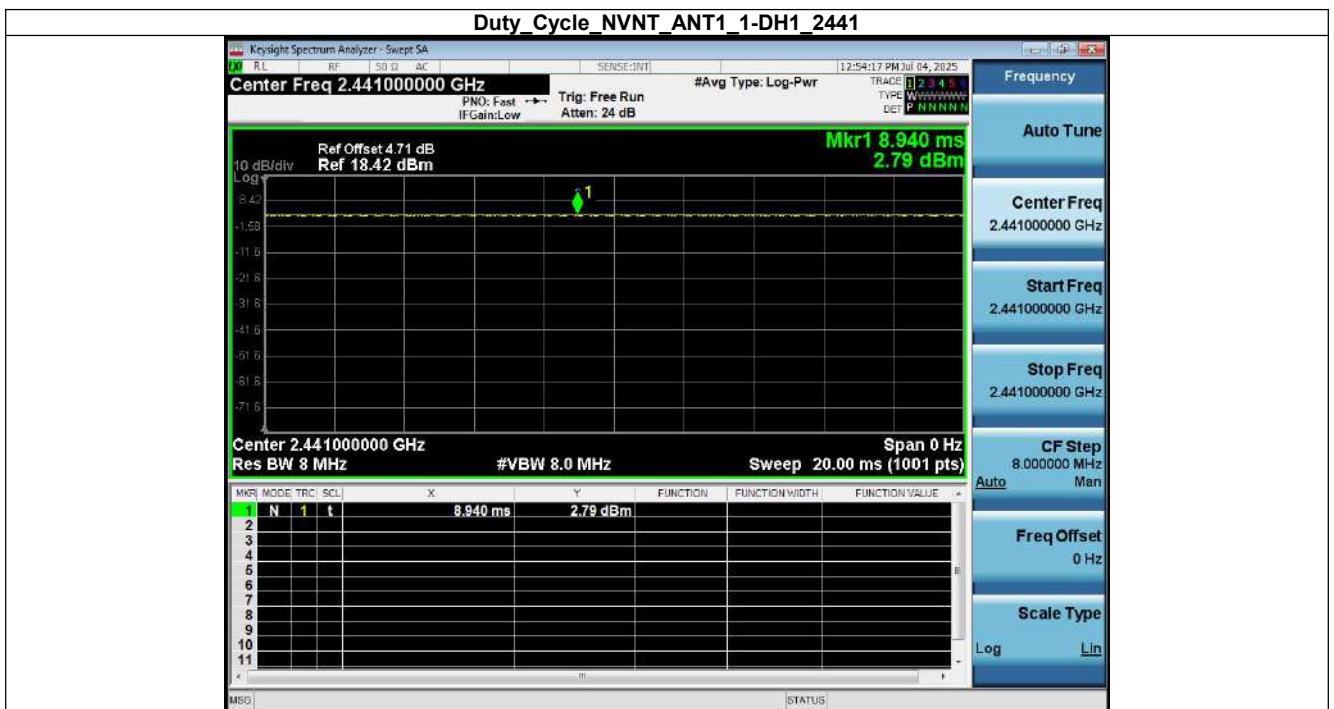
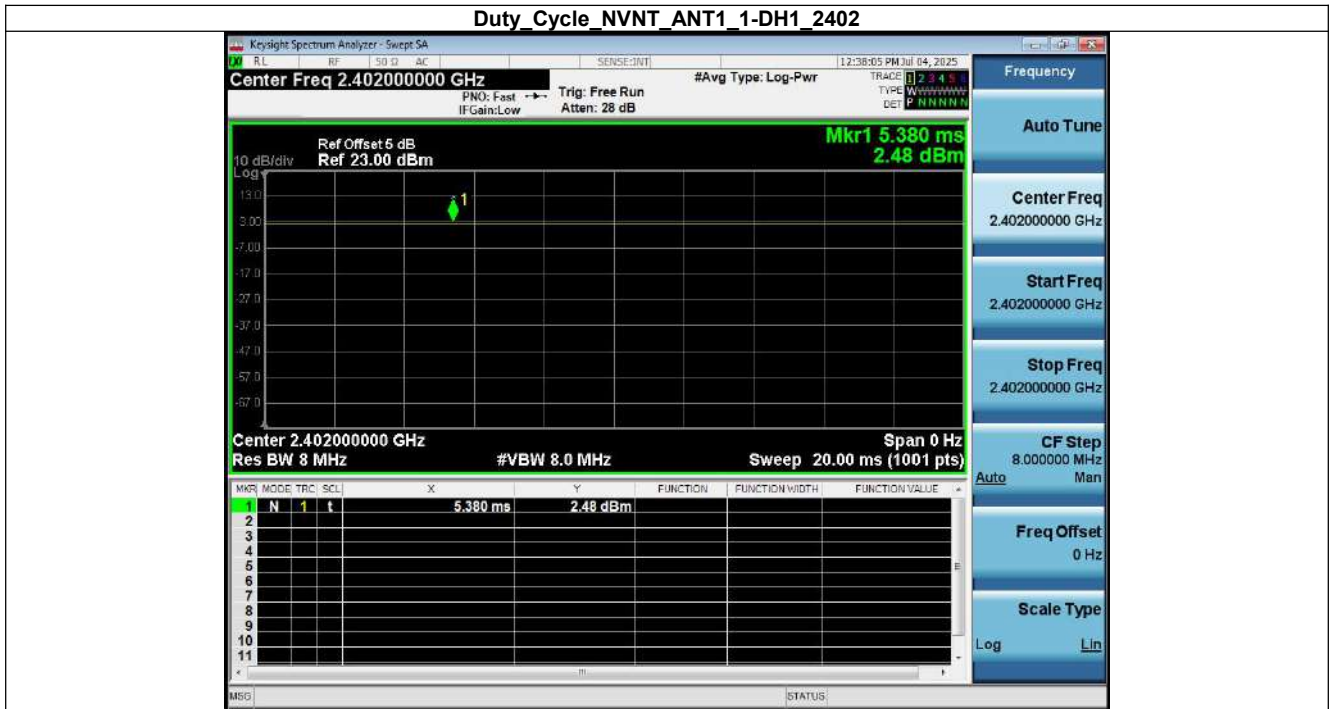
Report No.: NCT25026685XE1-1
FCC ID:2AMPL-FB15
FCC ID EDR
FCC_BT (Part15.247) Test Data

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1. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	100	0.00
NVNT	ANT1	1-DH1	2441.00	100	0.00
NVNT	ANT1	1-DH1	2480.00	100	0.00
NVNT	ANT1	2-DH1	2402.00	100	0.00
NVNT	ANT1	2-DH1	2441.00	100	0.00
NVNT	ANT1	2-DH1	2480.00	100	0.00
NVNT	ANT1	3-DH1	2402.00	100	0.00
NVNT	ANT1	3-DH1	2441.00	100	0.00
NVNT	ANT1	3-DH1	2480.00	100	0.00



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

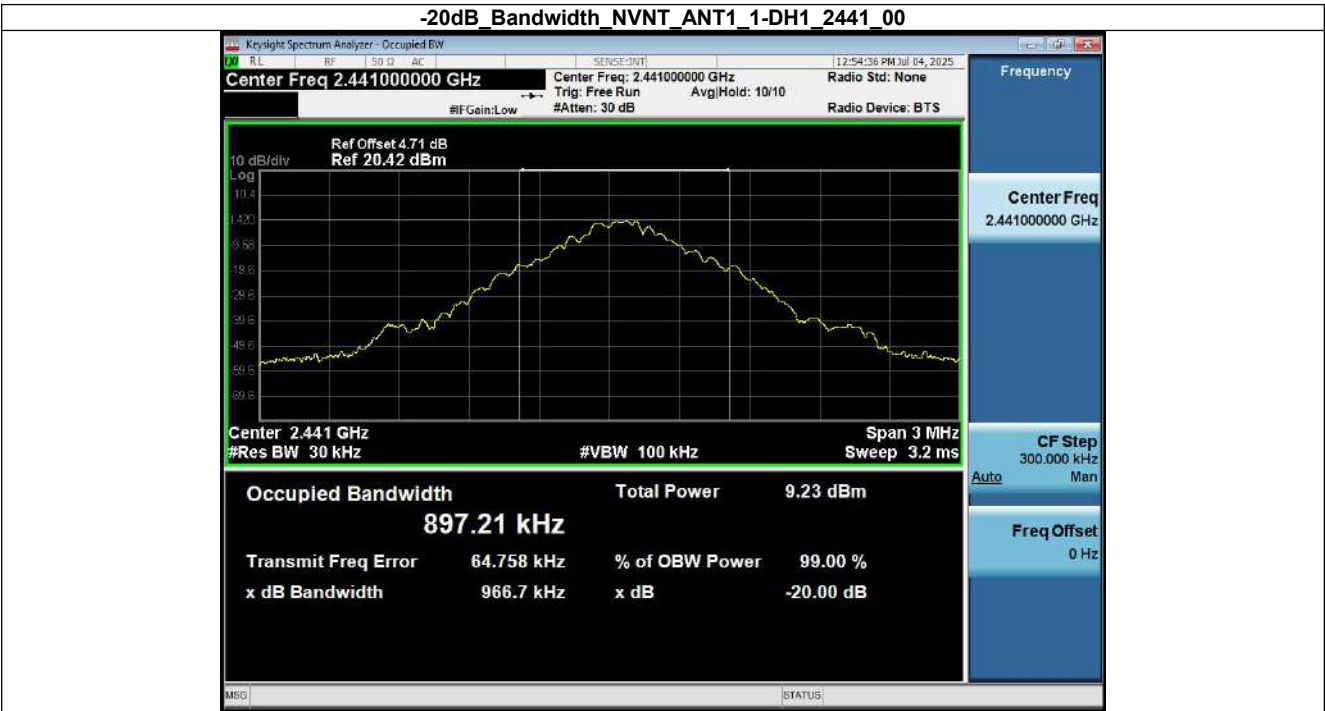


Duty Cycle_NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.987	No
NVNT	ANT1	1-DH1	2441.00	0.967	No
NVNT	ANT1	1-DH1	2480.00	0.965	No
NVNT	ANT1	2-DH1	2402.00	1.354	Yes
NVNT	ANT1	2-DH1	2441.00	1.355	Yes
NVNT	ANT1	2-DH1	2480.00	1.355	Yes
NVNT	ANT1	3-DH1	2402.00	1.342	Yes
NVNT	ANT1	3-DH1	2441.00	1.341	Yes
NVNT	ANT1	3-DH1	2480.00	1.345	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



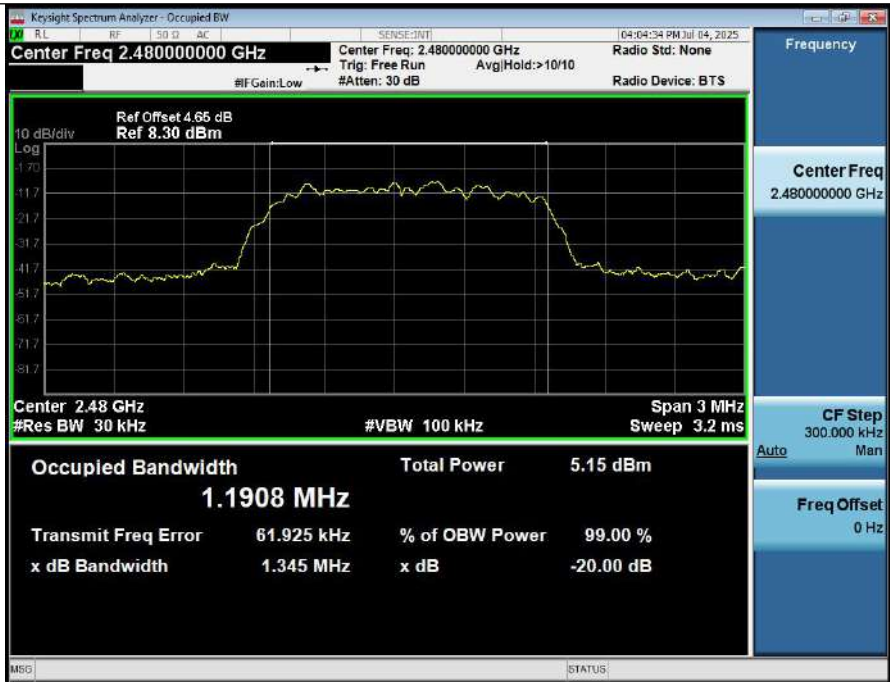
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-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

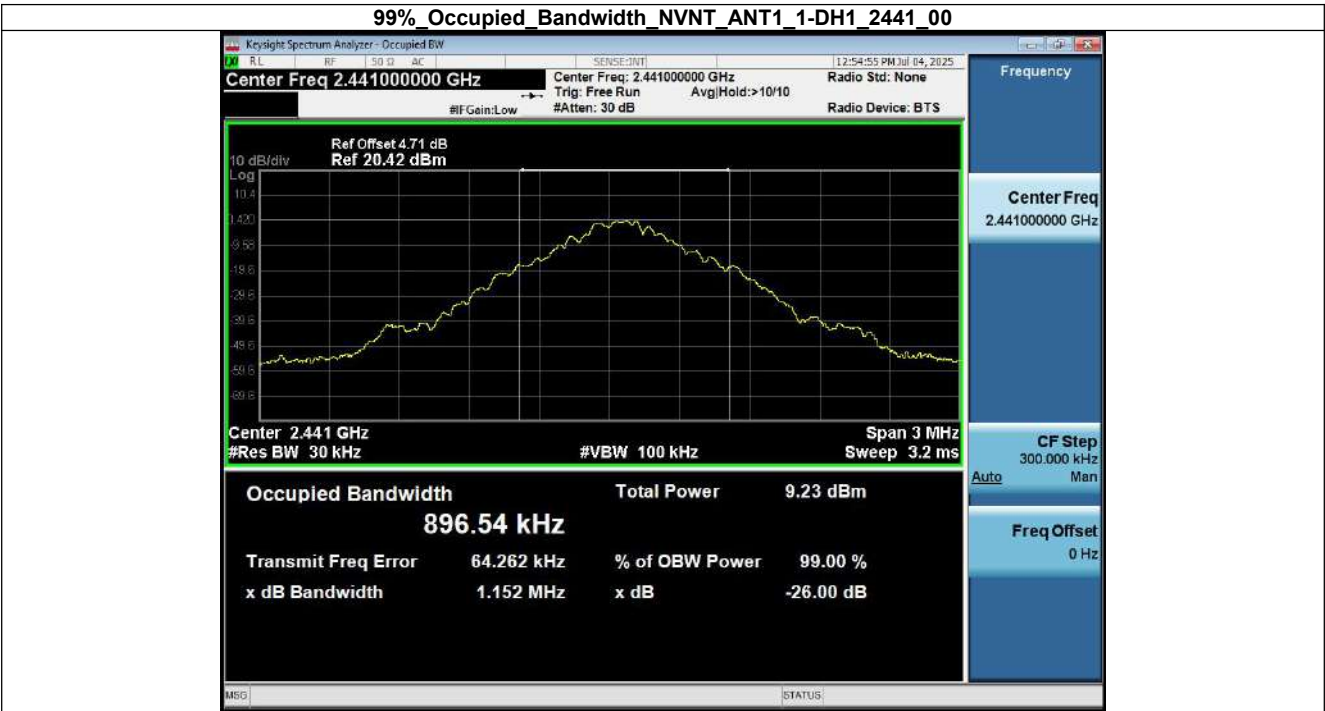


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH1	2402.00	0.903
NVNT	ANT1	1-DH1	2441.00	0.897
NVNT	ANT1	1-DH1	2480.00	0.897
NVNT	ANT1	2-DH1	2402.00	1.226
NVNT	ANT1	2-DH1	2441.00	1.225
NVNT	ANT1	2-DH1	2480.00	1.224
NVNT	ANT1	3-DH1	2402.00	1.194
NVNT	ANT1	3-DH1	2441.00	1.190
NVNT	ANT1	3-DH1	2480.00	1.190



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	2.35	1.72	1000	Pass
NVNT	ANT1	1-DH1	2441.00	2.64	1.84	1000	Pass
NVNT	ANT1	1-DH1	2480.00	2.08	1.61	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.56	1.43	125	Pass
NVNT	ANT1	2-DH1	2441.00	1.81	1.52	125	Pass
NVNT	ANT1	2-DH1	2480.00	1.29	1.34	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.92	1.56	125	Pass
NVNT	ANT1	3-DH1	2441.00	2.16	1.64	125	Pass
NVNT	ANT1	3-DH1	2480.00	1.67	1.47	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

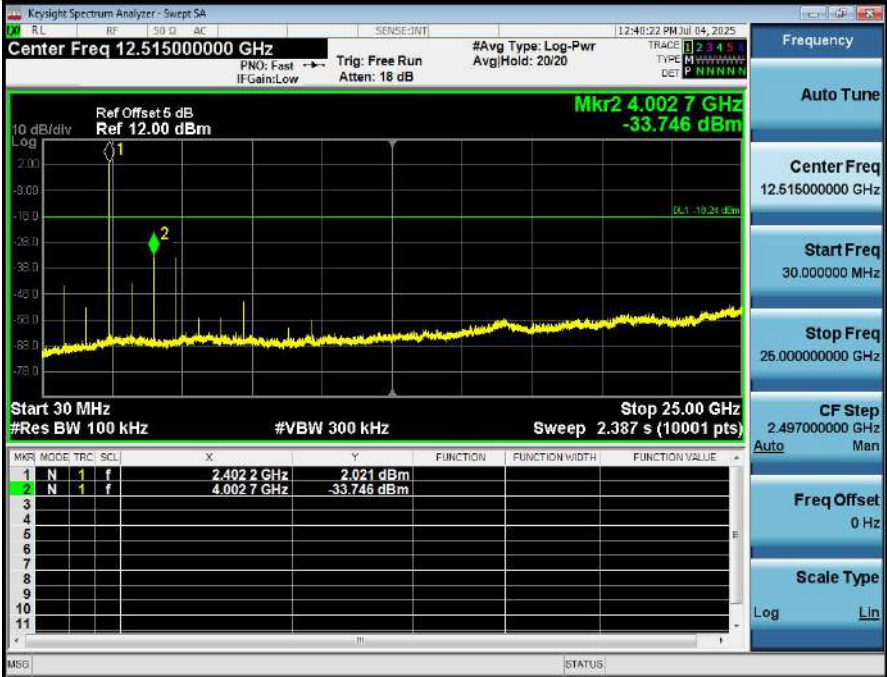
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	1.757	-33.746	-18.243	Pass
NVNT	ANT1	1-DH1	2441.00	1.995	-34.710	-18.005	Pass
NVNT	ANT1	1-DH1	2480.00	1.369	-36.505	-18.631	Pass
NVNT	ANT1	2-DH1	2402.00	-2.958	-38.022	-22.958	Pass
NVNT	ANT1	2-DH1	2441.00	-2.734	-39.761	-22.734	Pass
NVNT	ANT1	2-DH1	2480.00	-2.970	-38.743	-22.970	Pass
NVNT	ANT1	3-DH1	2402.00	-3.094	-39.535	-23.094	Pass
NVNT	ANT1	3-DH1	2441.00	-2.846	-39.511	-22.846	Pass
NVNT	ANT1	3-DH1	2480.00	-3.053	-39.534	-23.053	Pass

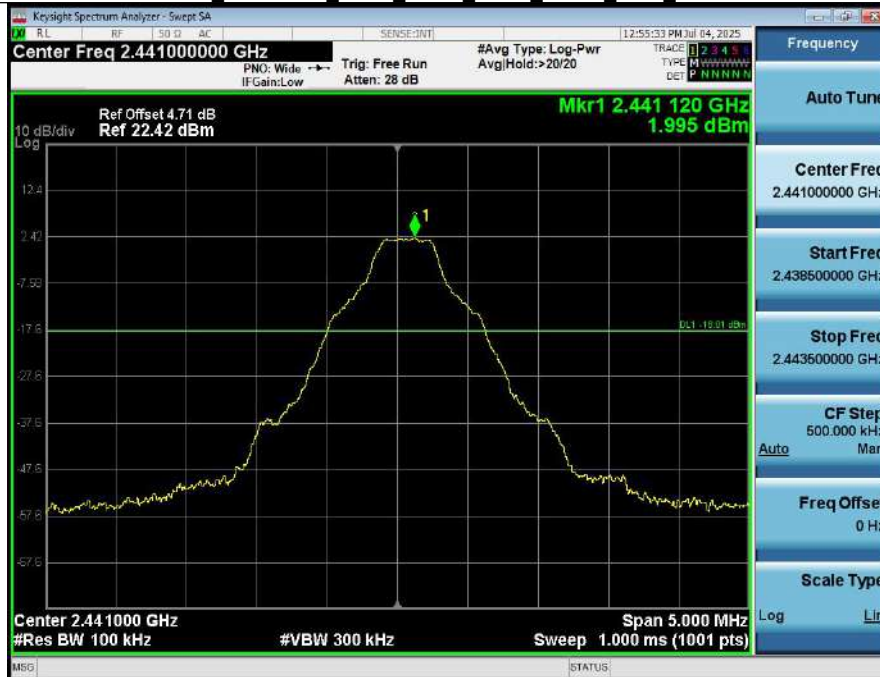
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



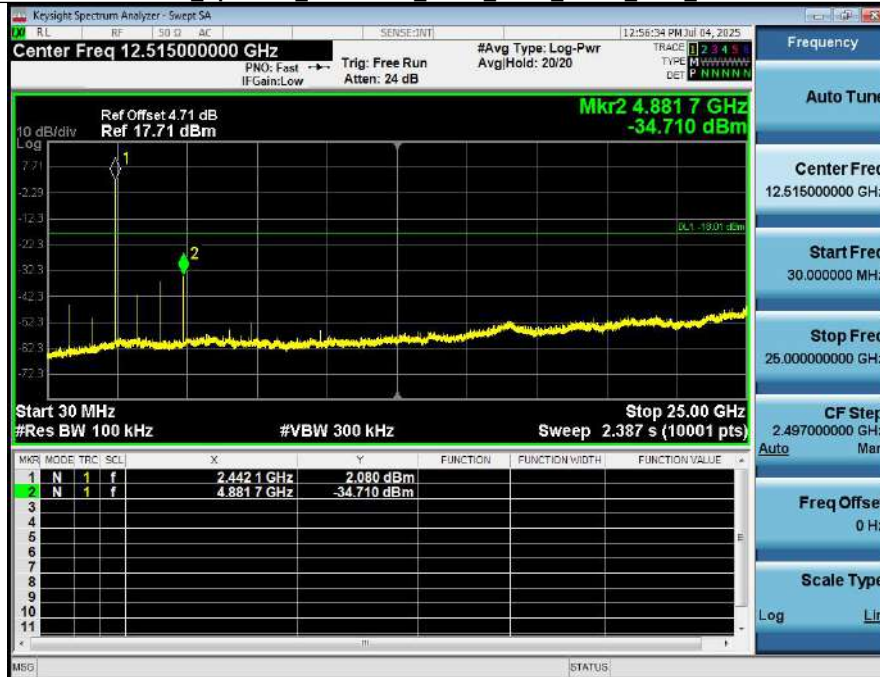
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



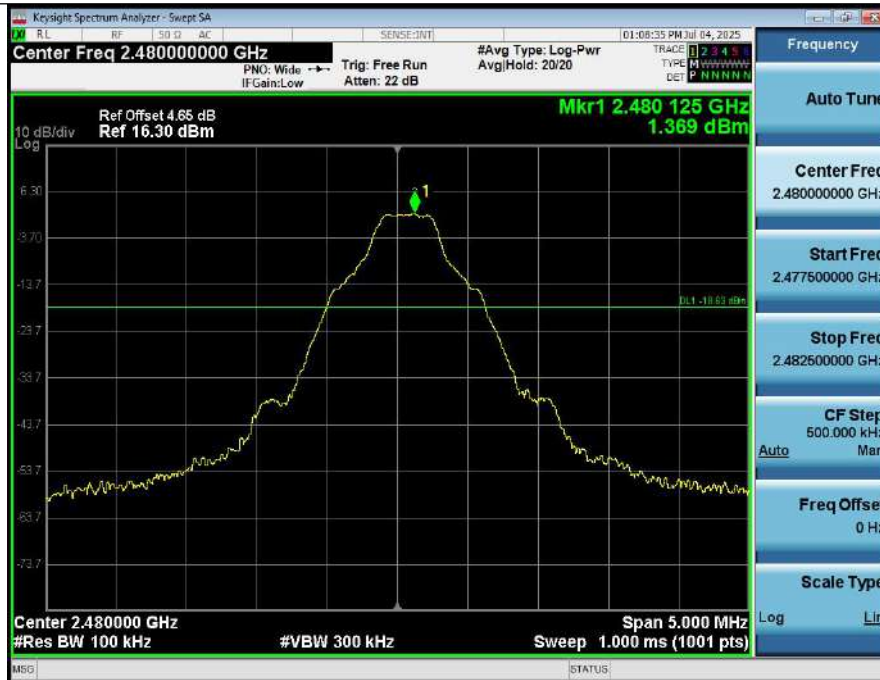
1 Reference Level NVNT ANT1 1-DH1 2441 00



2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



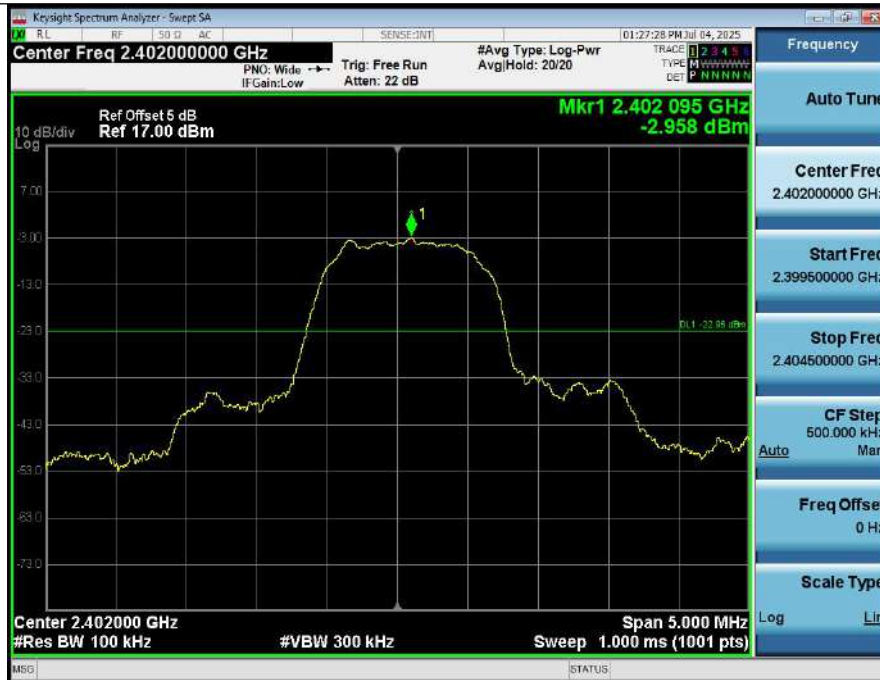
1 Reference Level NVNT ANT1 1-DH1 2480 00



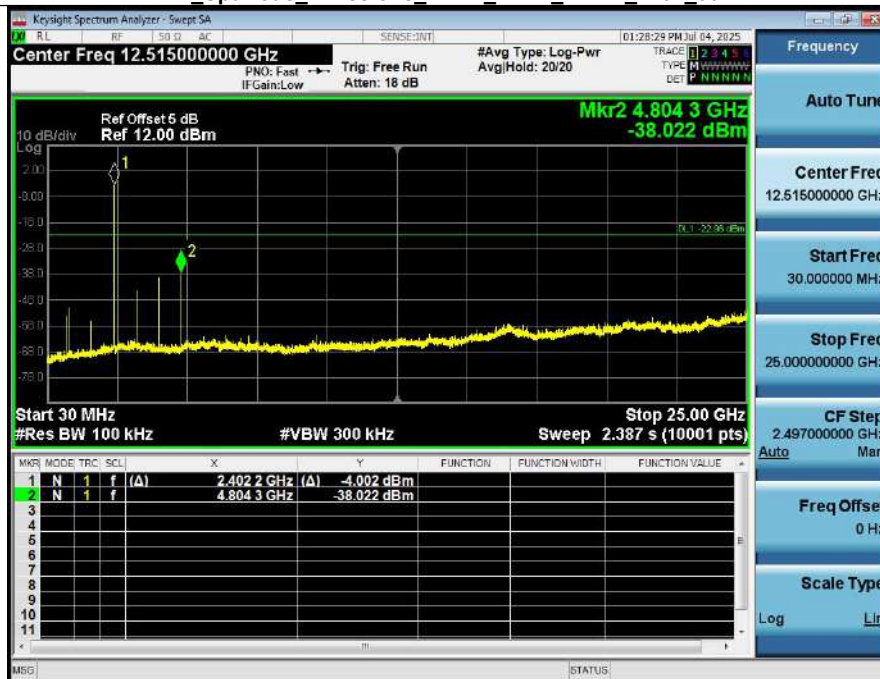
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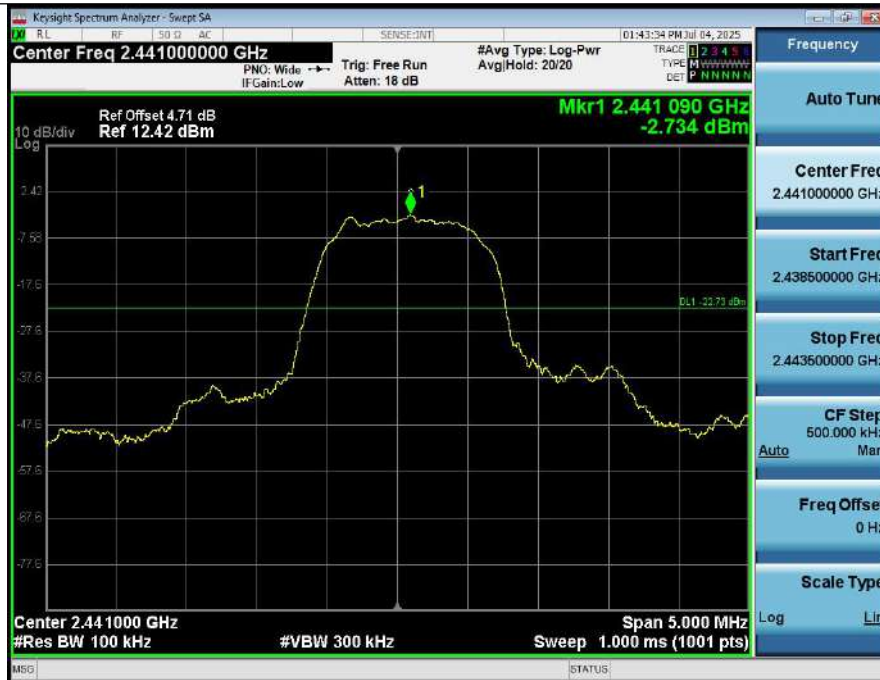
1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



2 Spurious Emissions_NVNT_ANT1_2-DH1_2402_00



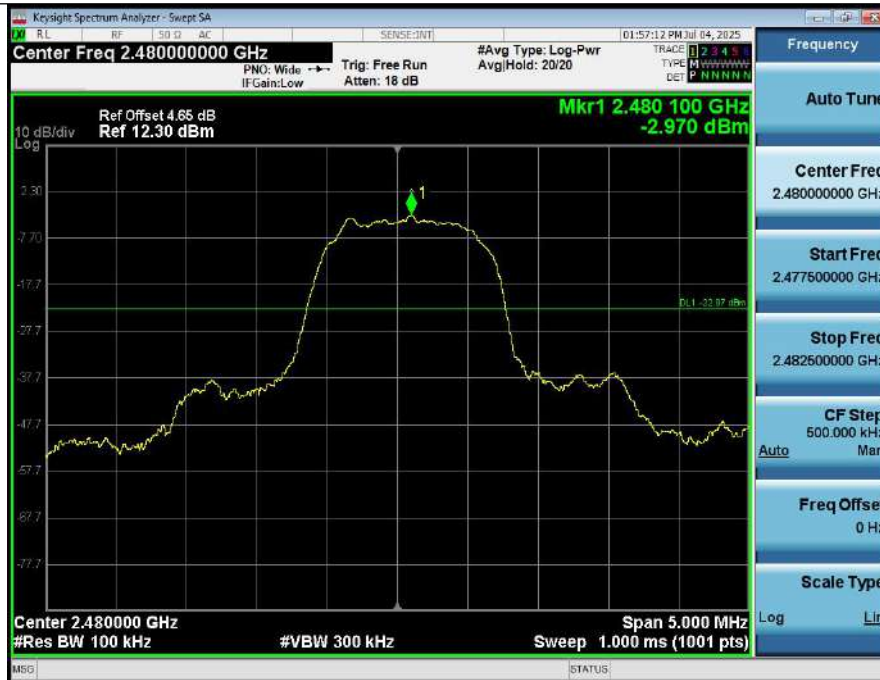
1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



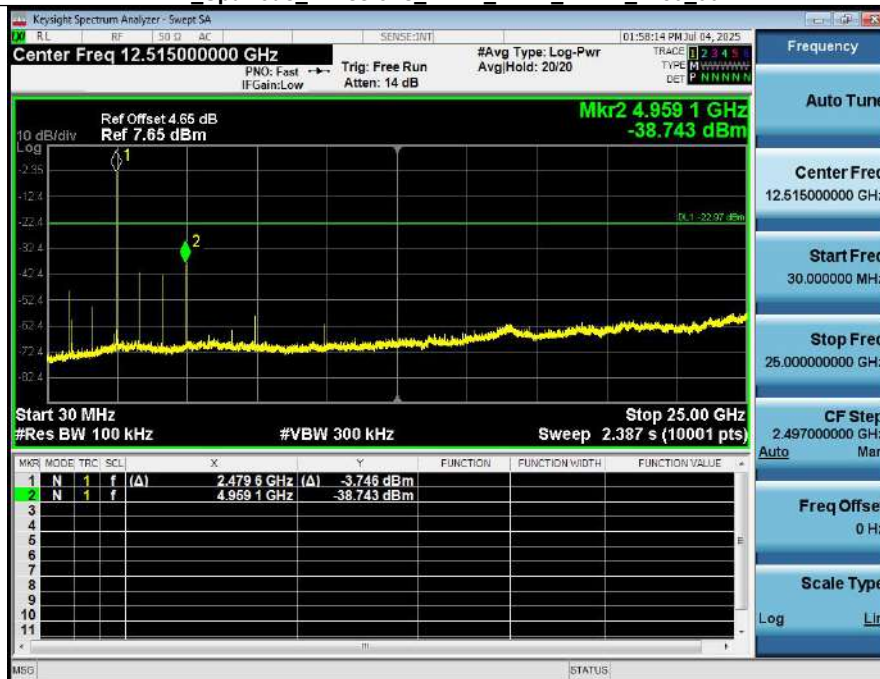
2 Spurious Emissions_NVNT_ANT1_2-DH1_2441_00



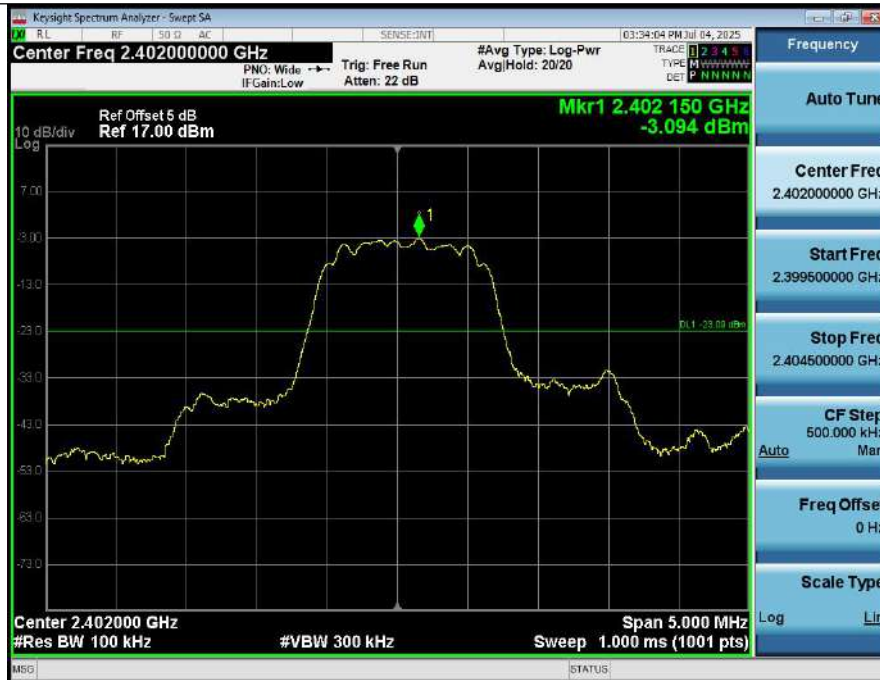
1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



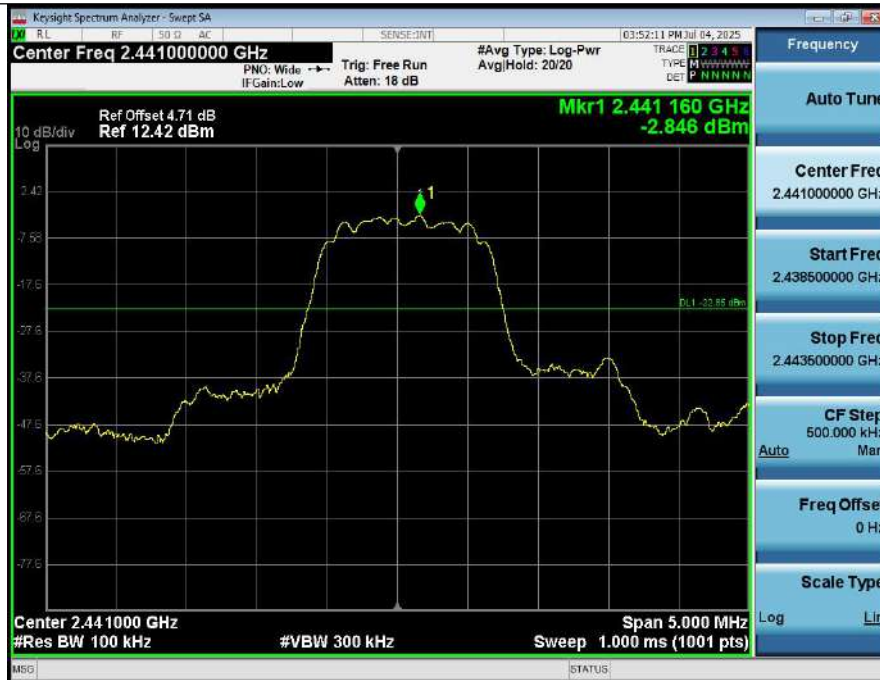
1 Reference Level_NVNT_ANT1_3-DH1_2402_00



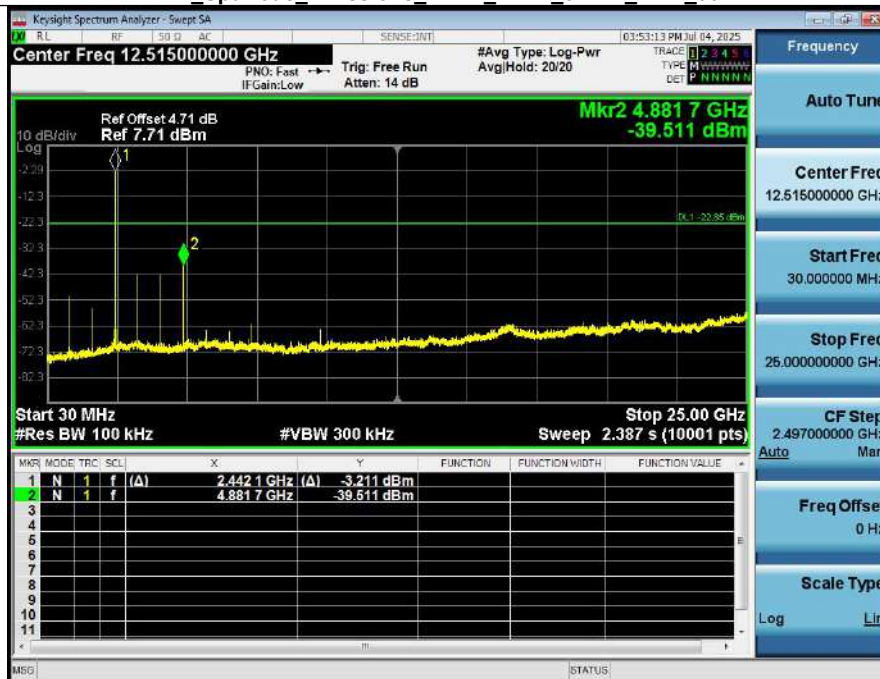
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



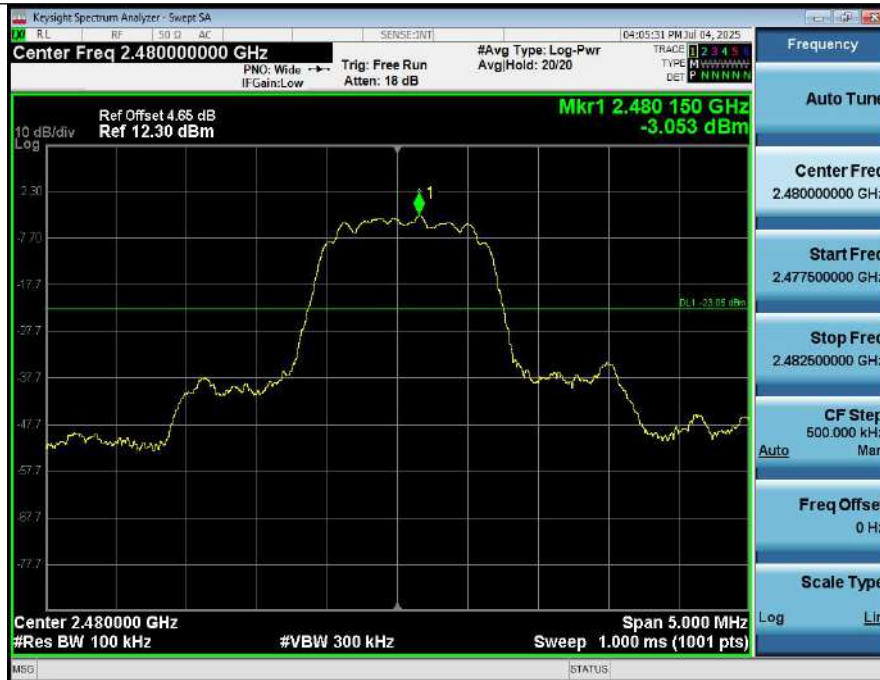
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



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	1.757	-56.201	-18.243	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	2.564	-40.376	-17.436	Pass
NVNT	ANT1	1-DH1	2480.00	1.369	-58.936	-18.631	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	2.196	-43.712	-17.804	Pass
NVNT	ANT1	2-DH1	2402.00	-2.958	-48.671	-22.958	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.063	-46.340	-20.063	Pass
NVNT	ANT1	2-DH1	2480.00	-2.970	-55.651	-22.970	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.514	-46.229	-20.514	Pass
NVNT	ANT1	3-DH1	2402.00	-3.094	-47.912	-23.094	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.181	-43.131	-20.181	Pass
NVNT	ANT1	3-DH1	2480.00	-3.053	-55.036	-23.053	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.571	-46.231	-20.571	Pass

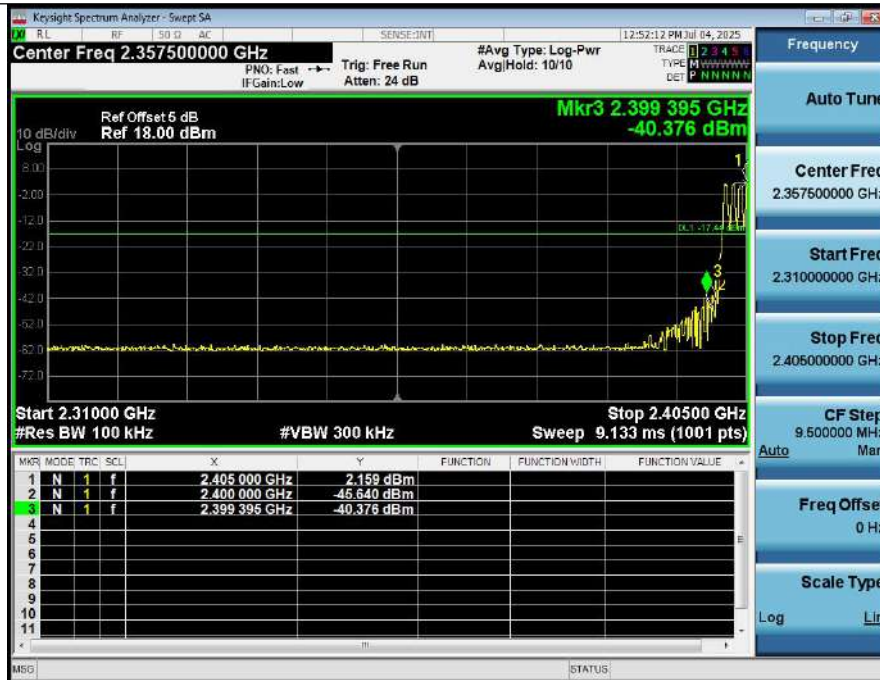




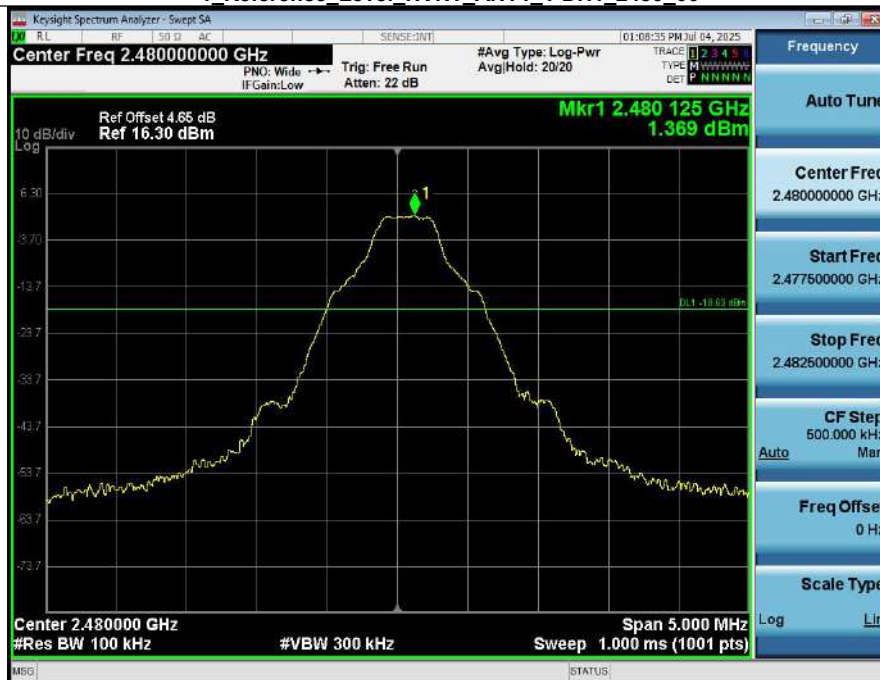
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



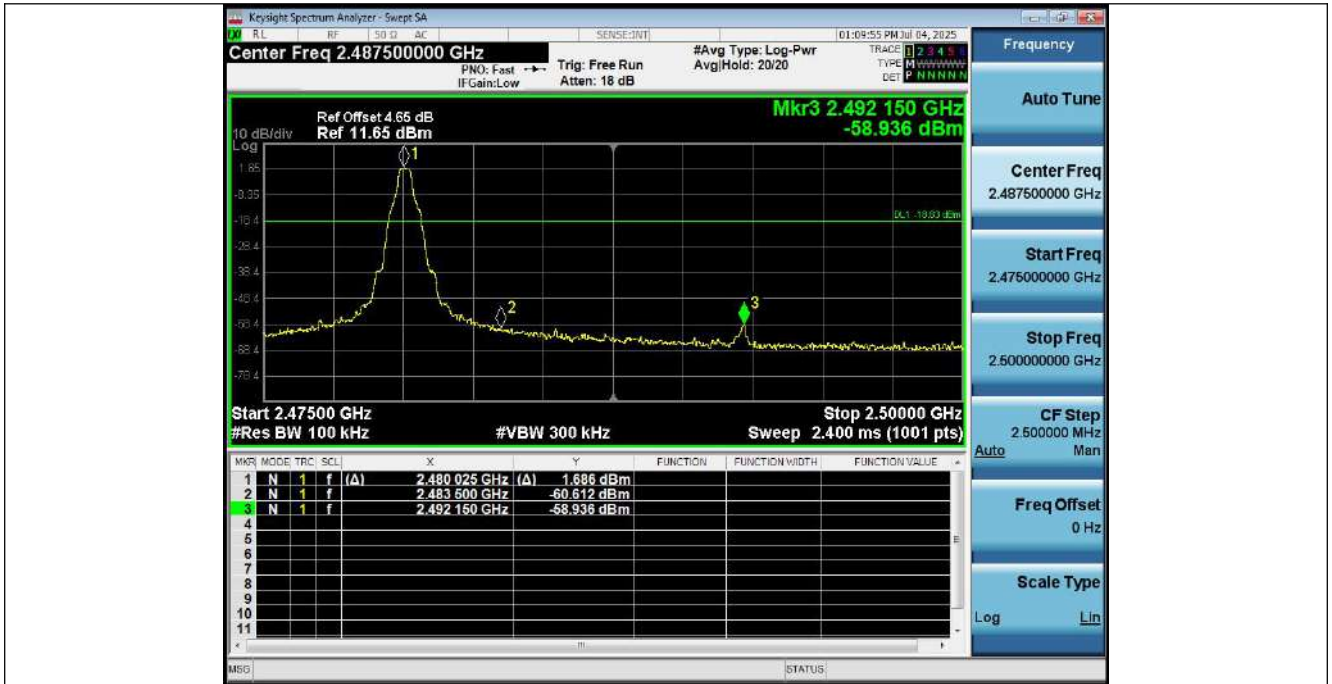
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



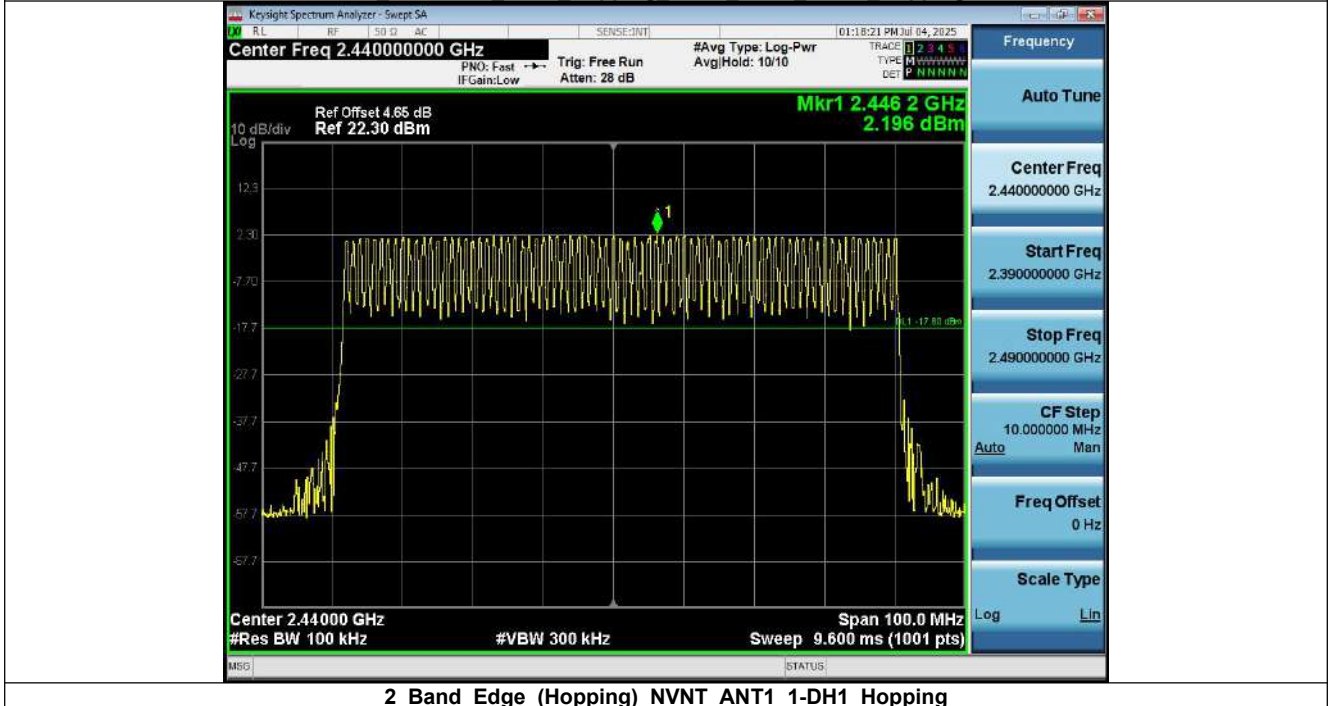
1 Reference Level NVNT ANT1 1-DH1 2480 00



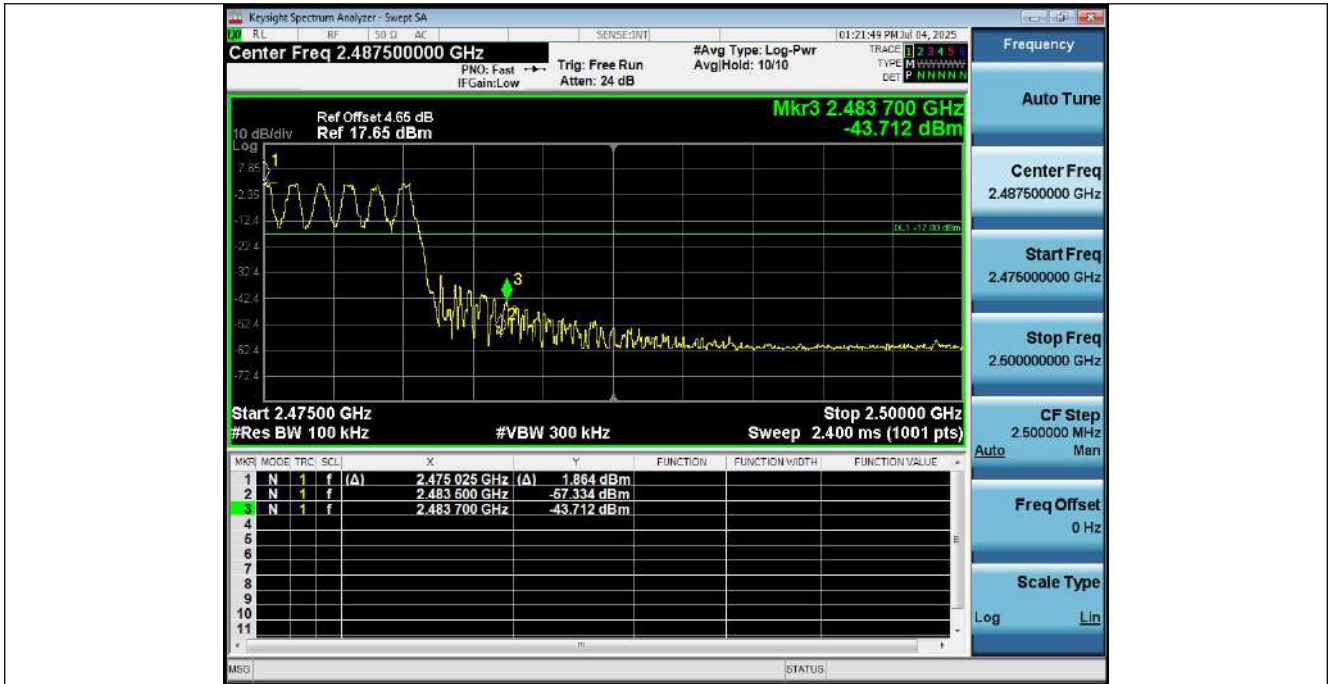
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



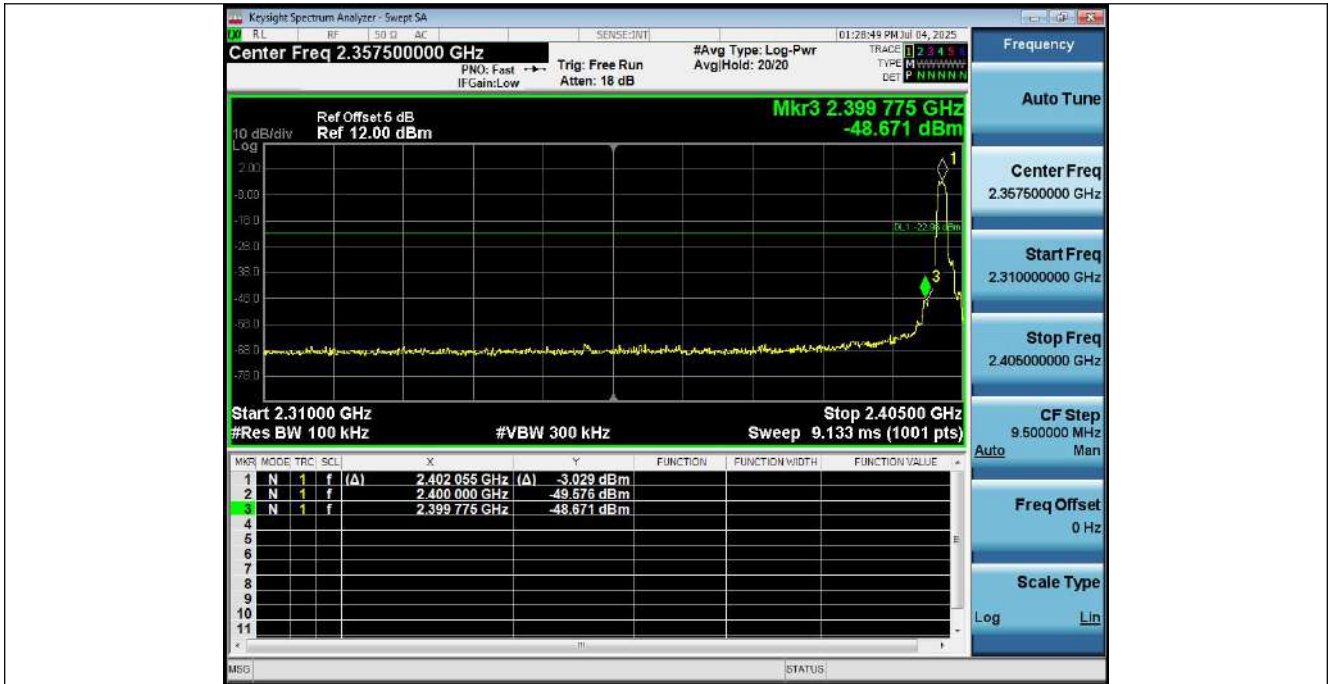
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 2-DH1 2402_00



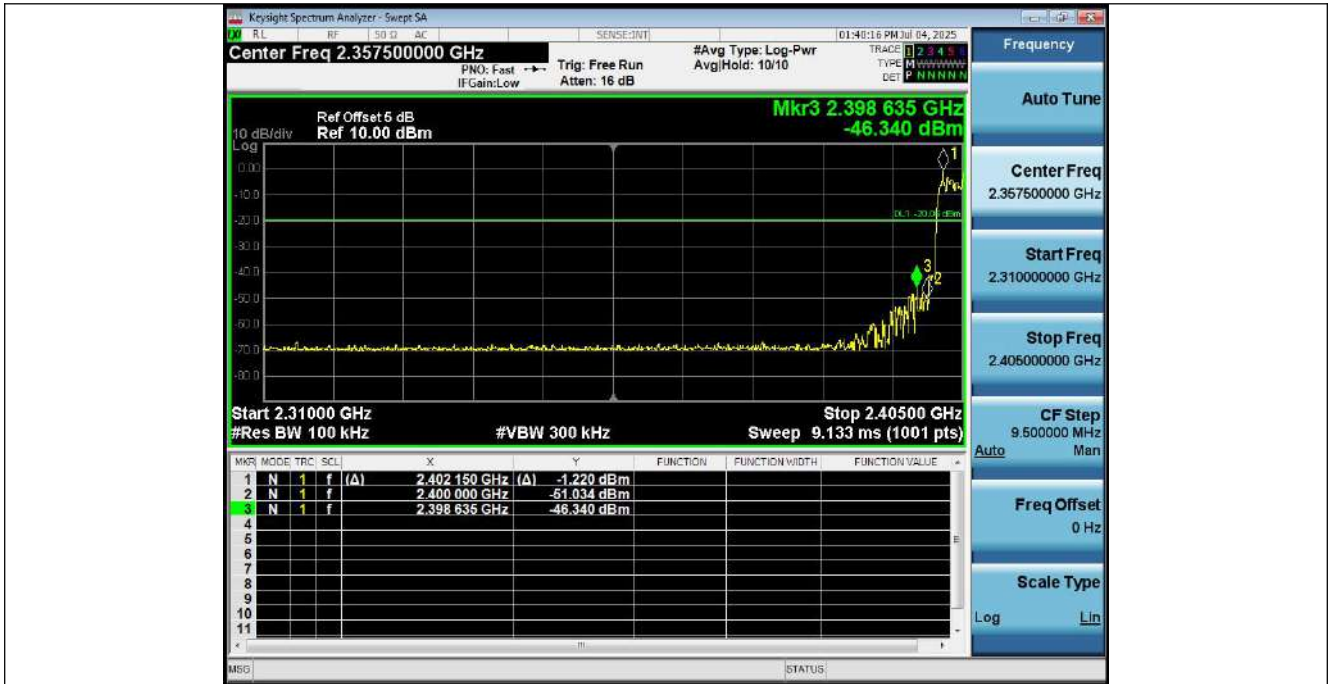
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



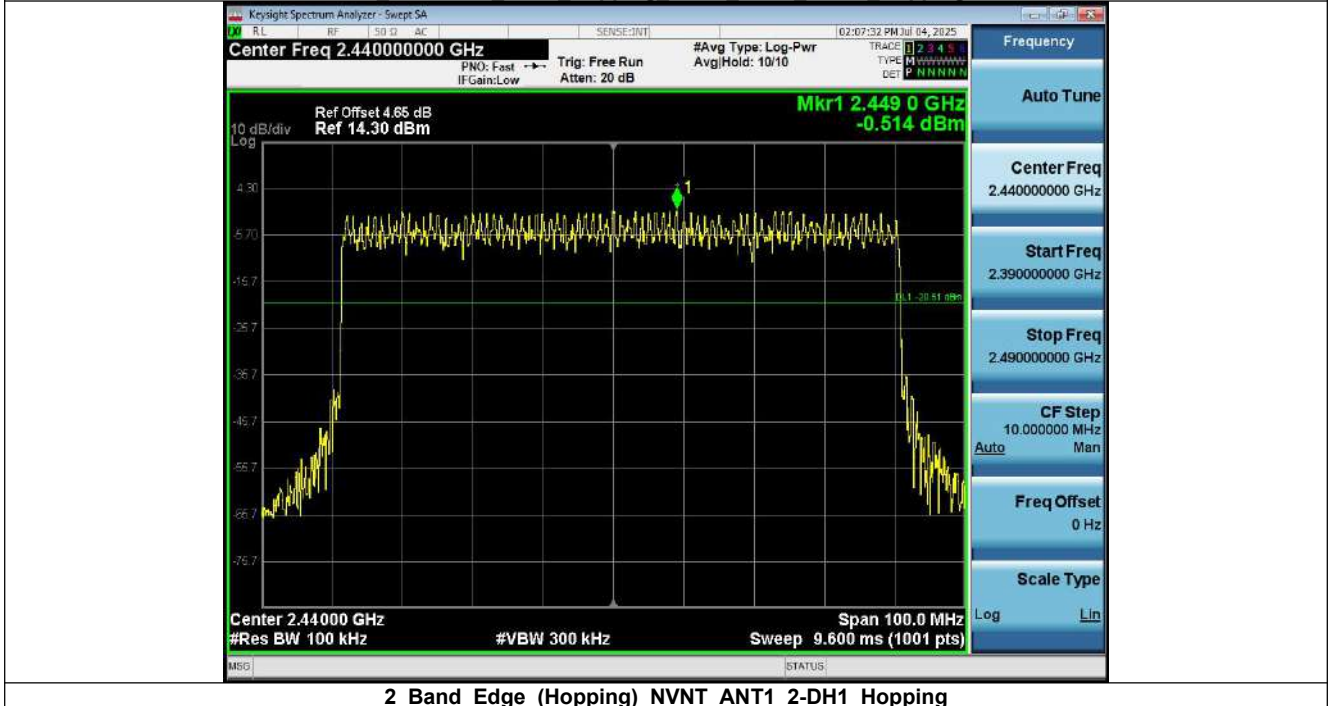
1 Reference Level NVNT ANT1 2-DH1 2480 00



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



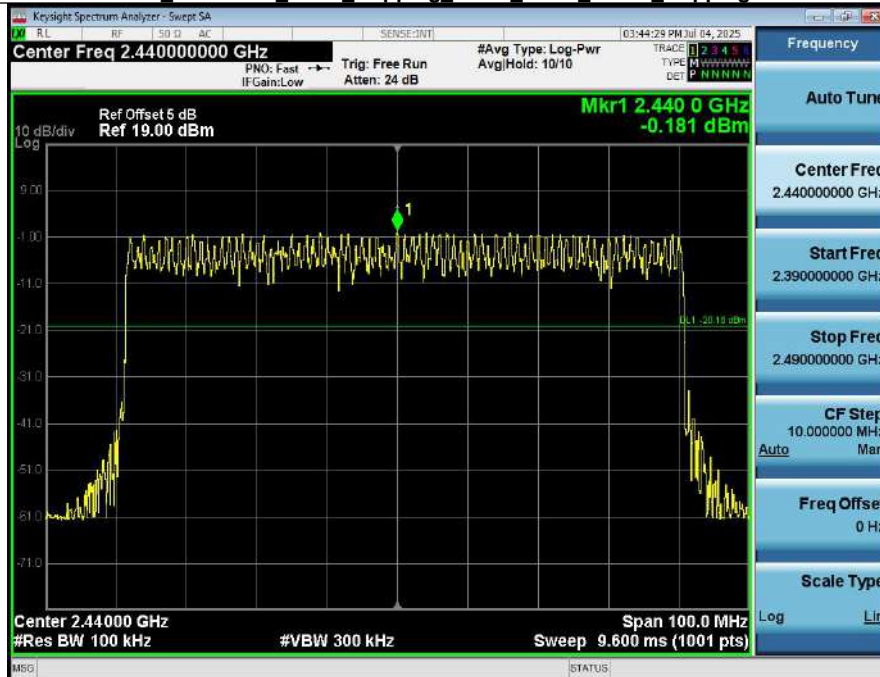
1 Reference Level NVNT ANT1 3-DH1 2402 00



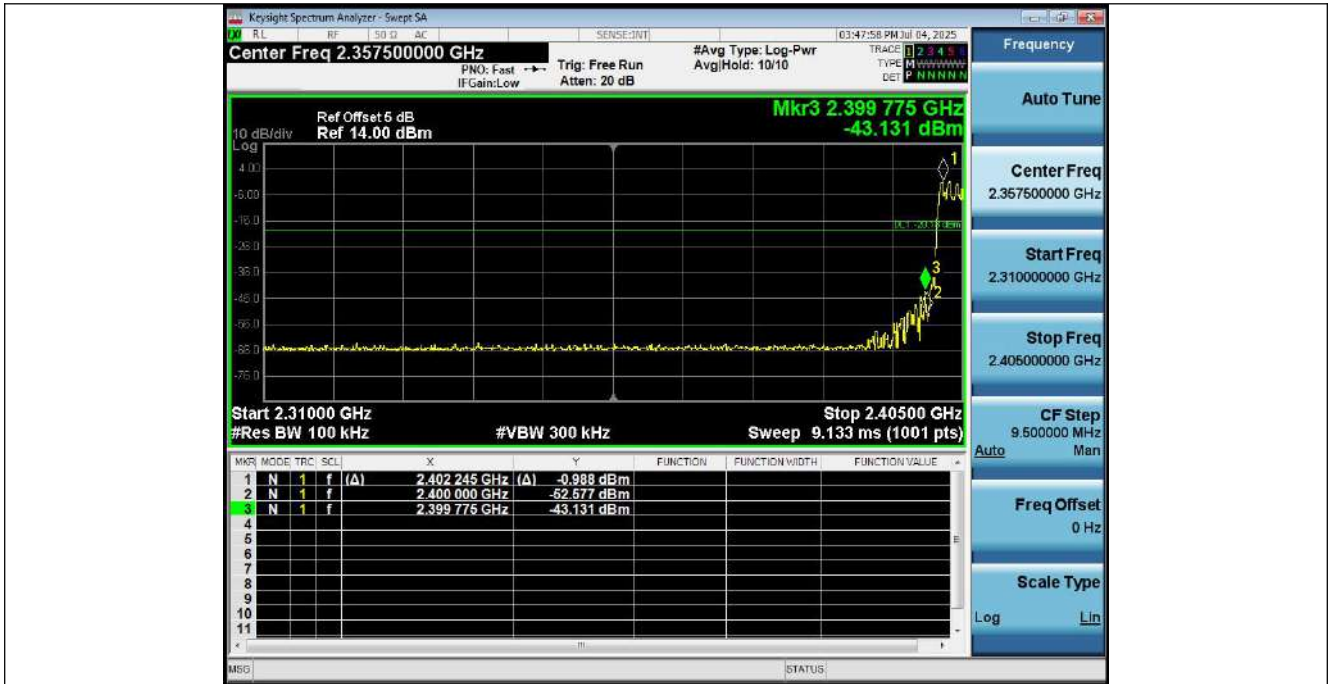
2 Bandedge NVNT ANT1 3-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



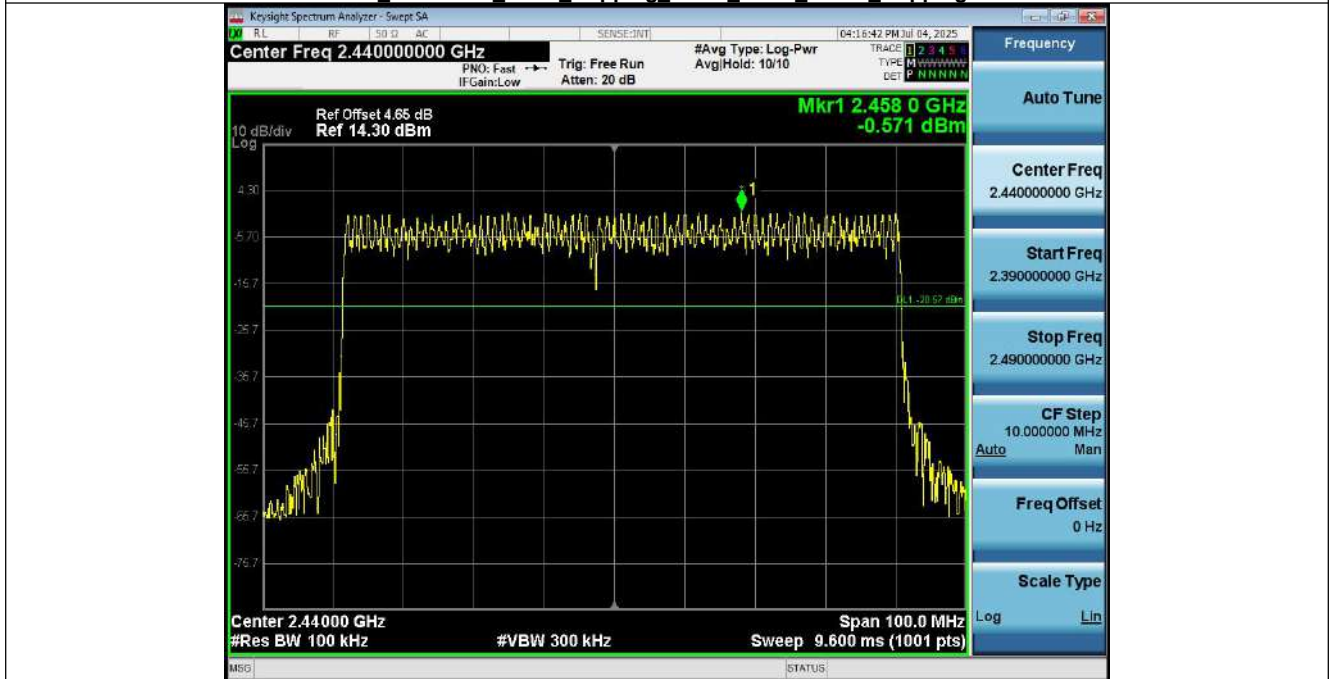
1 Reference Level NVNT ANT1 3-DH1 2480 00



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	2402.206	2403.193	0.99	0.987	Pass
NVNT	ANT1	1-DH1	2441.00	2441.215	2442.193	0.98	0.967	Pass
NVNT	ANT1	1-DH1	2480.00	2478.909	2479.902	0.99	0.965	Pass
NVNT	ANT1	2-DH1	2402.00	2402.212	2403.193	0.98	0.903	Pass
NVNT	ANT1	2-DH1	2441.00	2441.203	2442.205	1.00	0.903	Pass
NVNT	ANT1	2-DH1	2480.00	2478.909	2479.896	0.99	0.903	Pass
NVNT	ANT1	3-DH1	2402.00	2402.212	2403.214	1.00	0.895	Pass
NVNT	ANT1	3-DH1	2441.00	2441.212	2442.217	1.00	0.894	Pass
NVNT	ANT1	3-DH1	2480.00	2479.209	2480.217	1.01	0.897	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

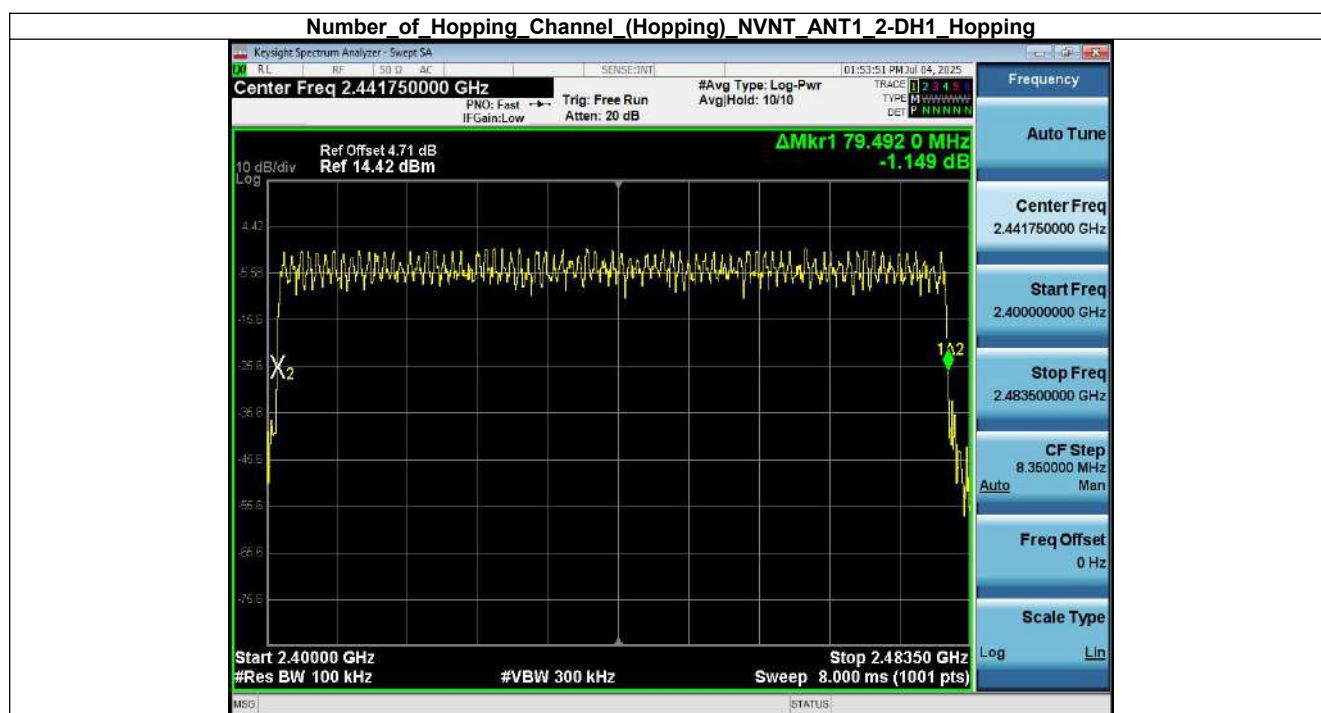
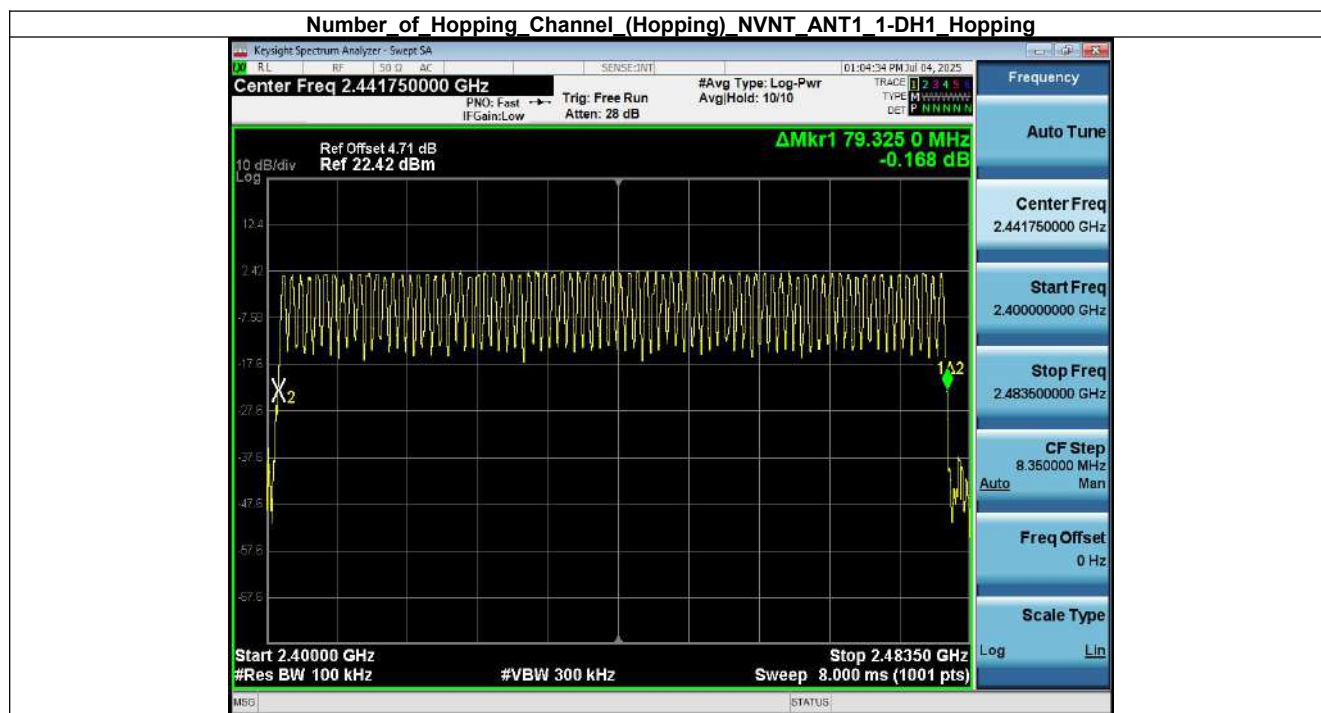


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

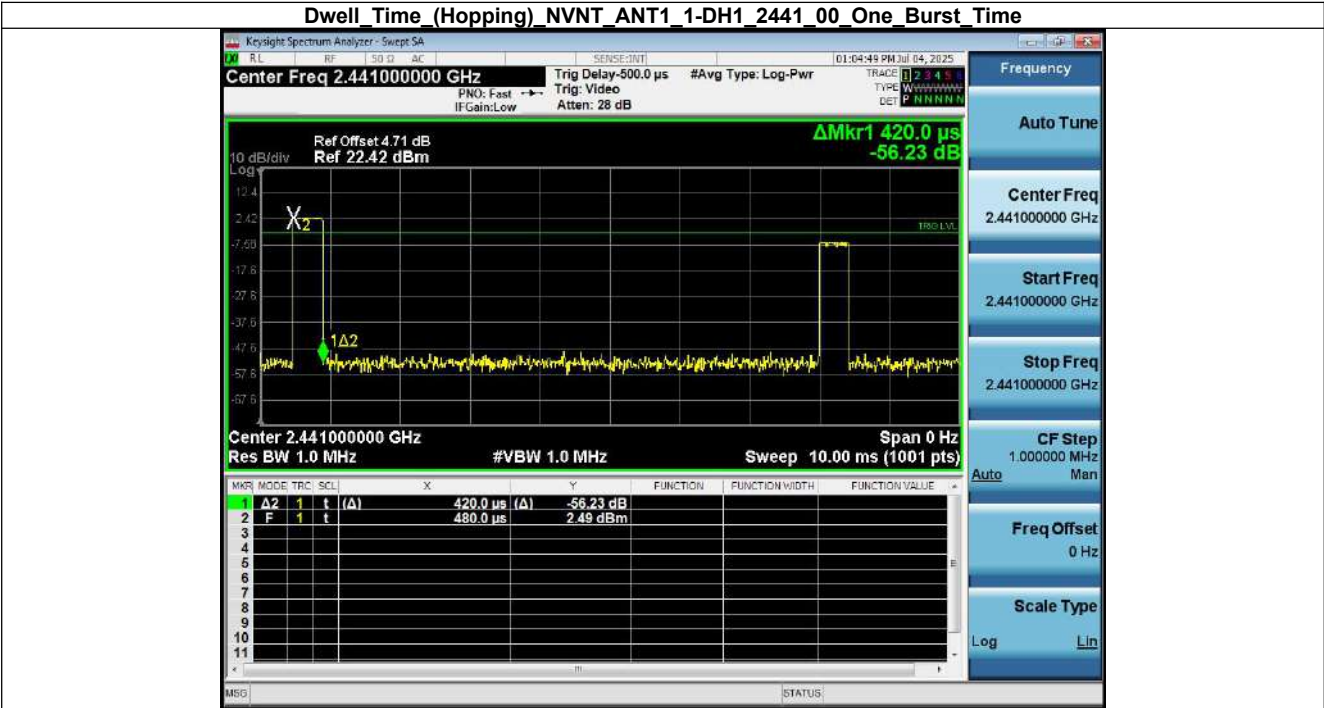


Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping

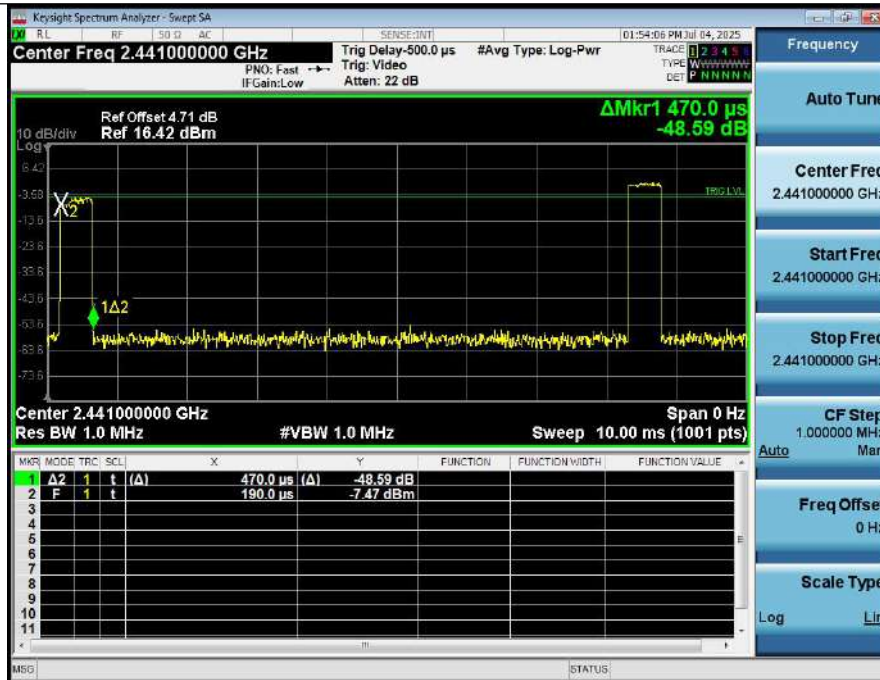


9. Dwell Time (Hopping)

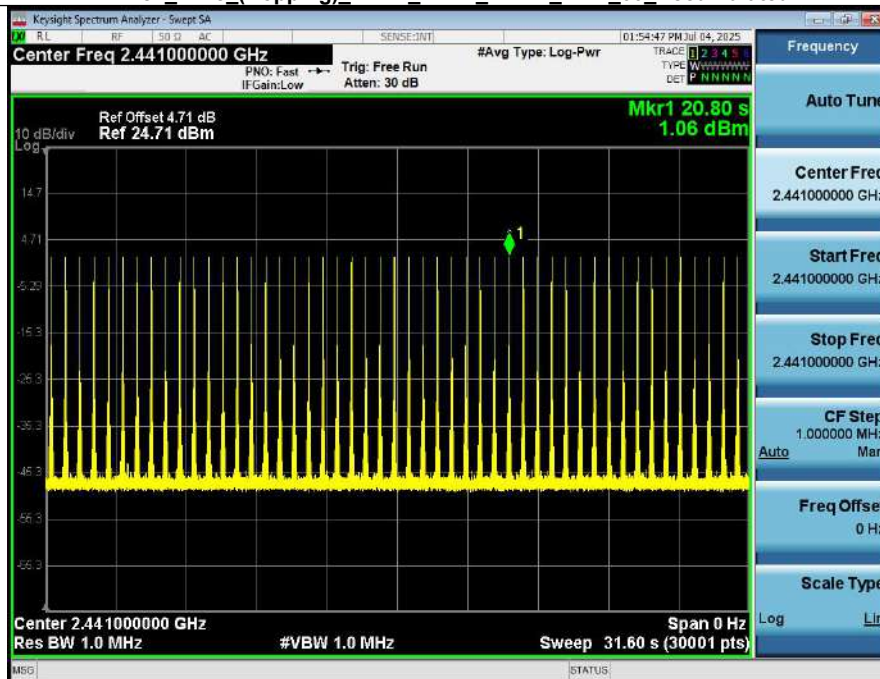
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.420	51.00	21.420	0.40	Pass
NVNT	ANT1	2-DH1	0.470	49.00	23.030	0.40	Pass
NVNT	ANT1	3-DH1	0.400	54.00	21.600	0.40	Pass
NVNT	ANT1	1-DH3	1.620	46.00	74.520	0.40	Pass
NVNT	ANT1	1-DH5	2.820	40.00	112.800	0.40	Pass
NVNT	ANT1	2-DH3	1.670	43.00	71.810	0.40	Pass
NVNT	ANT1	2-DH5	2.880	40.00	115.200	0.40	Pass
NVNT	ANT1	3-DH3	1.650	46.00	75.900	0.40	Pass
NVNT	ANT1	3-DH5	2.750	40.00	110.000	0.40	Pass



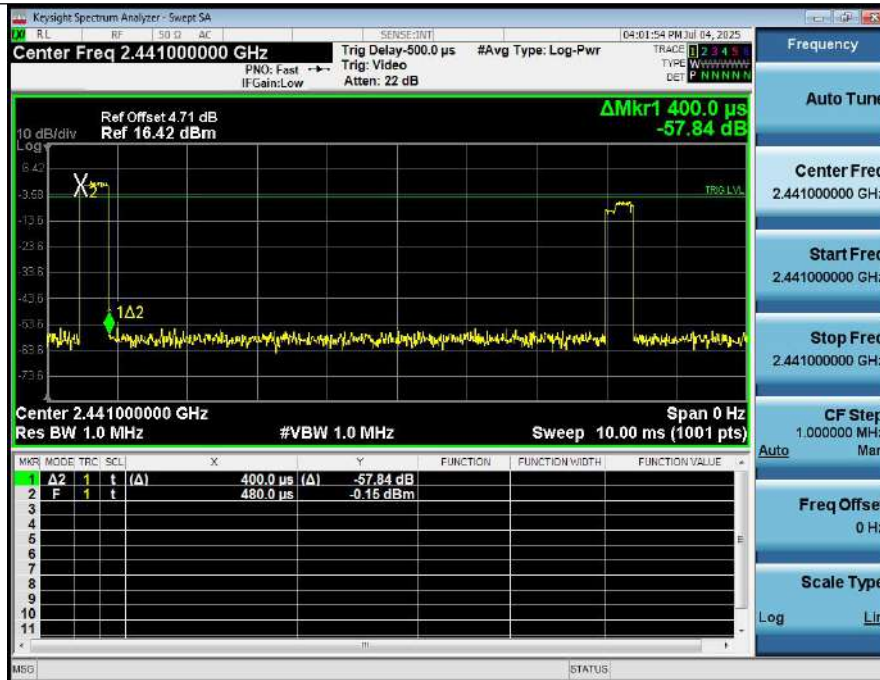
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



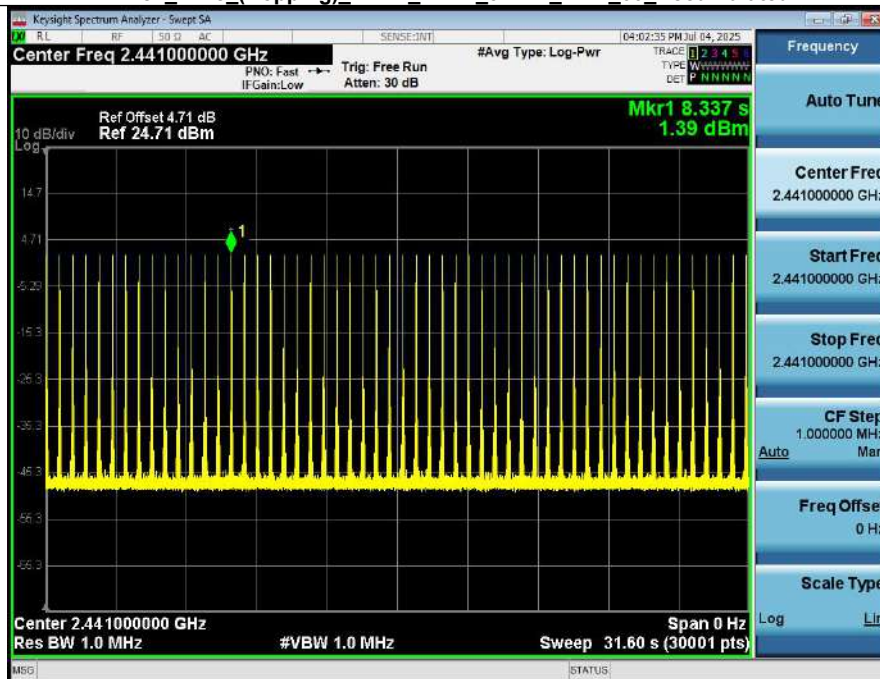
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



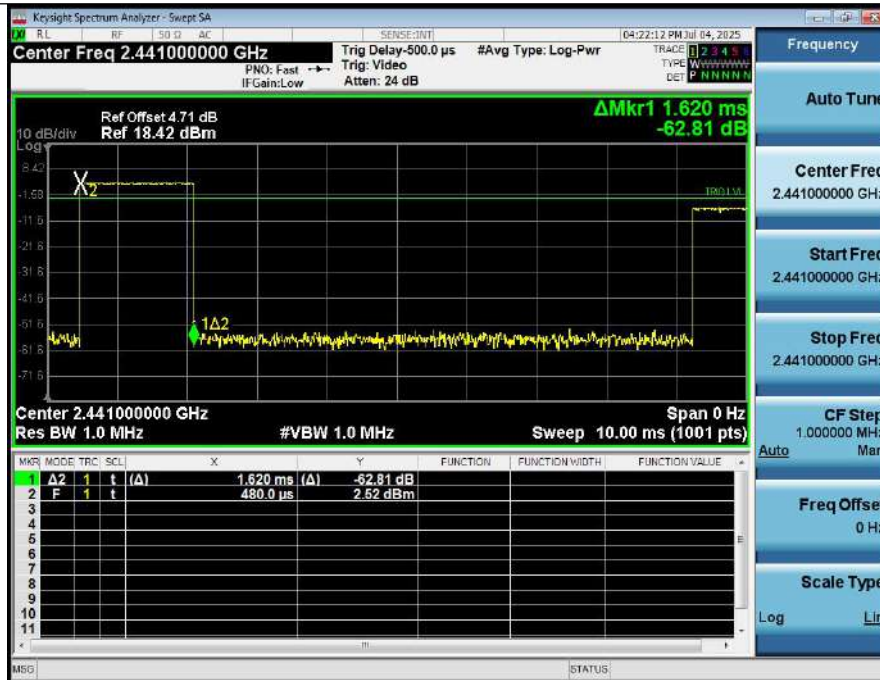
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



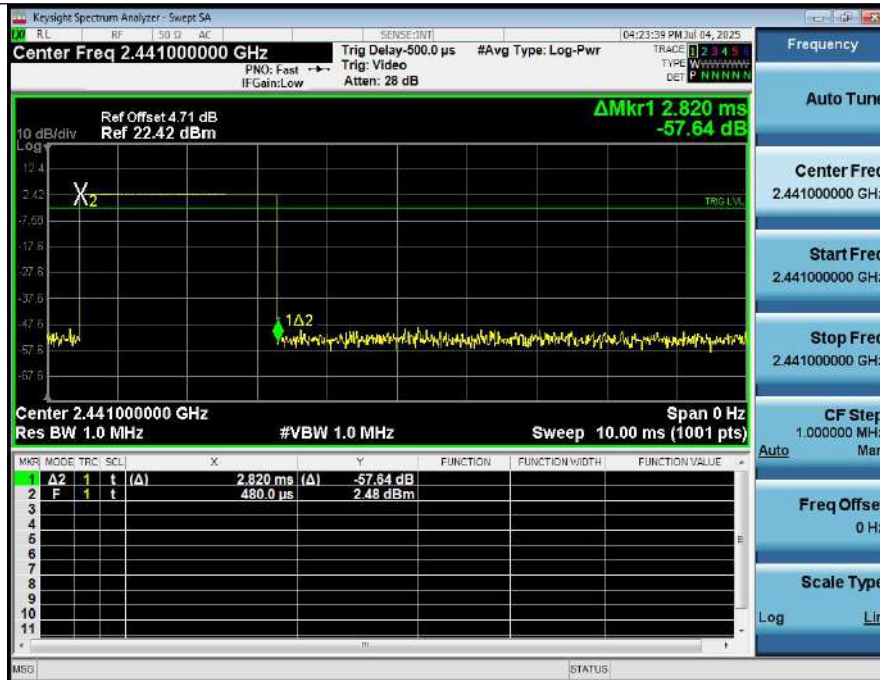
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



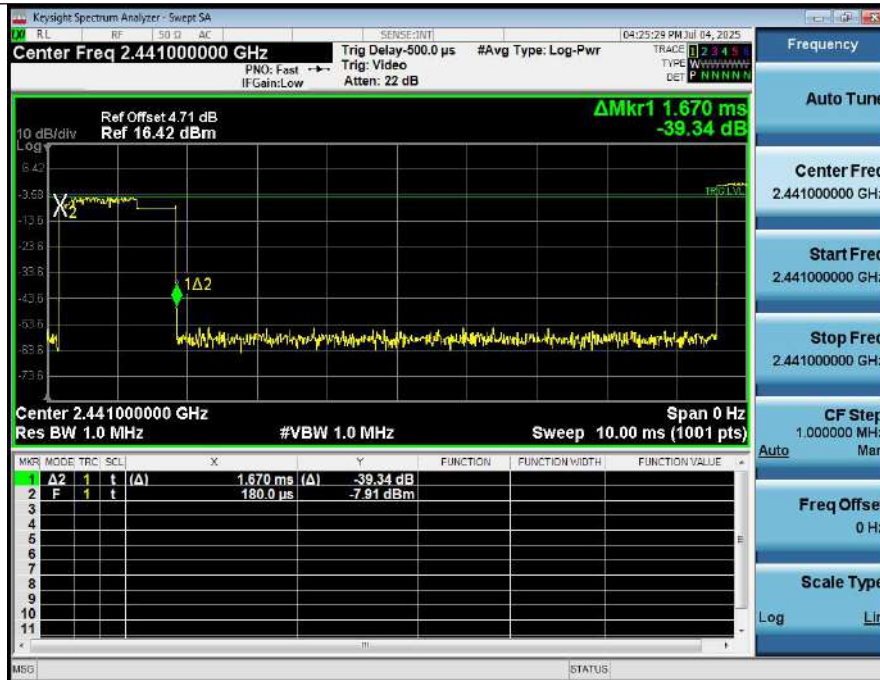
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



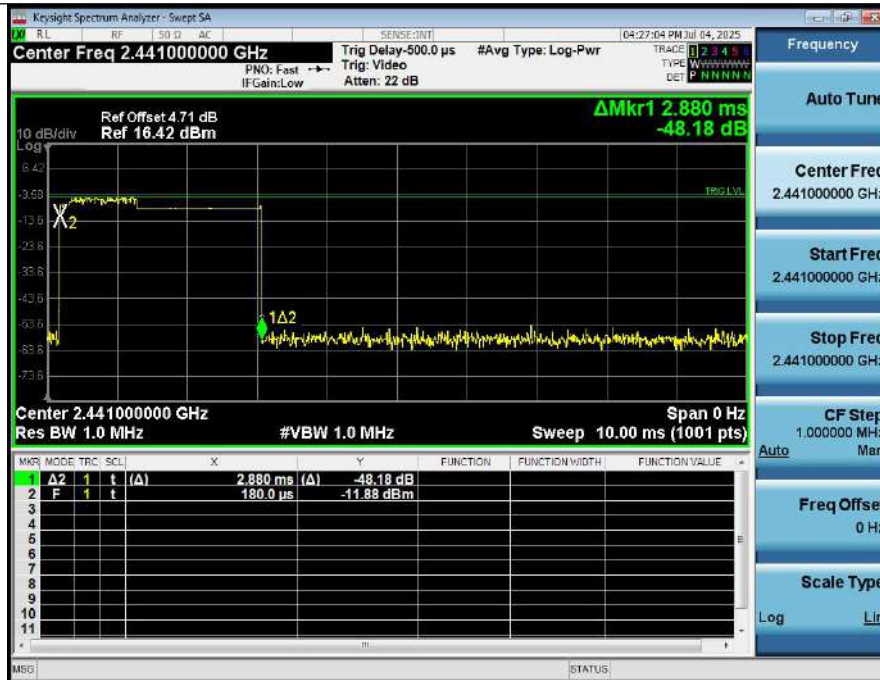
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



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



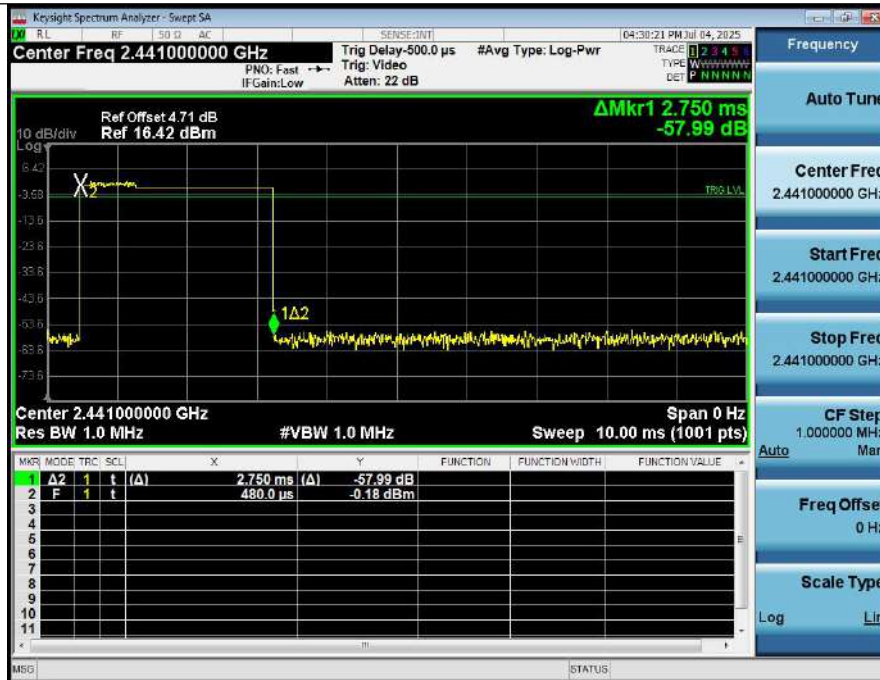
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

