

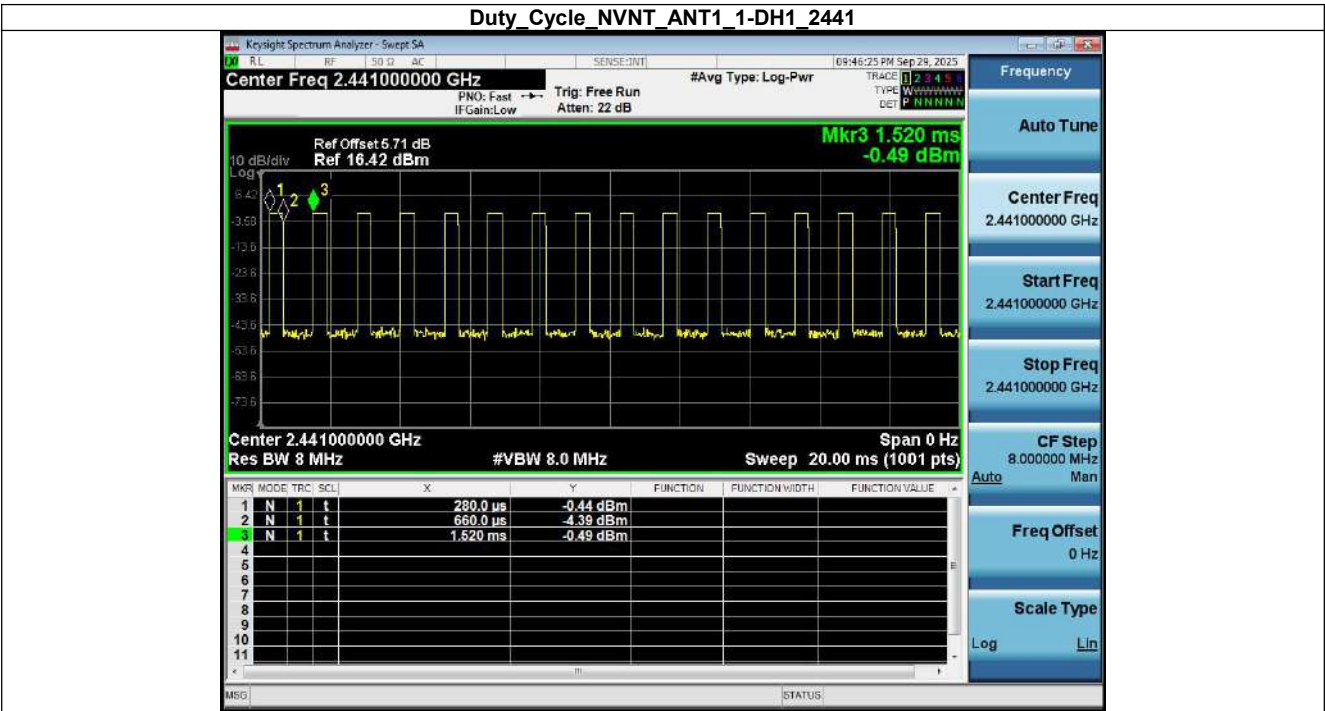
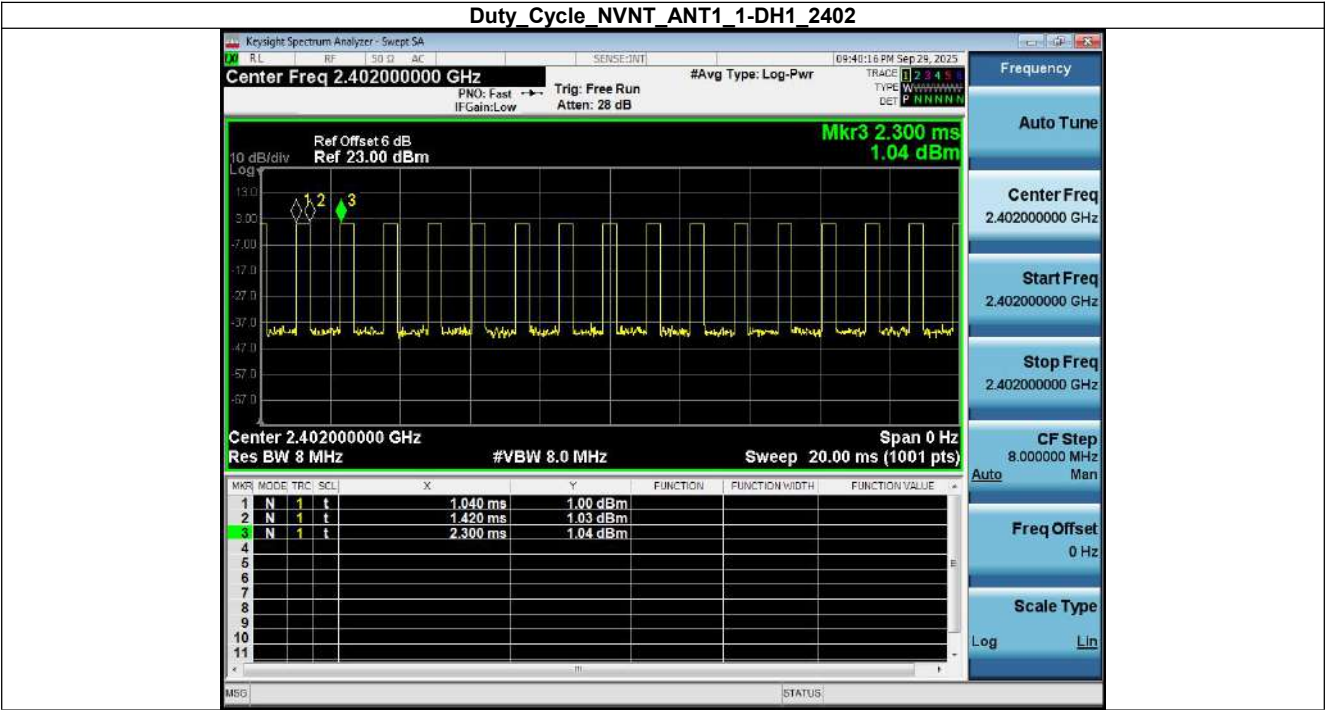
NCT25039634XE1-1 FCC ID EDR
FCC ID: FSUGG0AK
FCC_BT (Part15.247) Test Data

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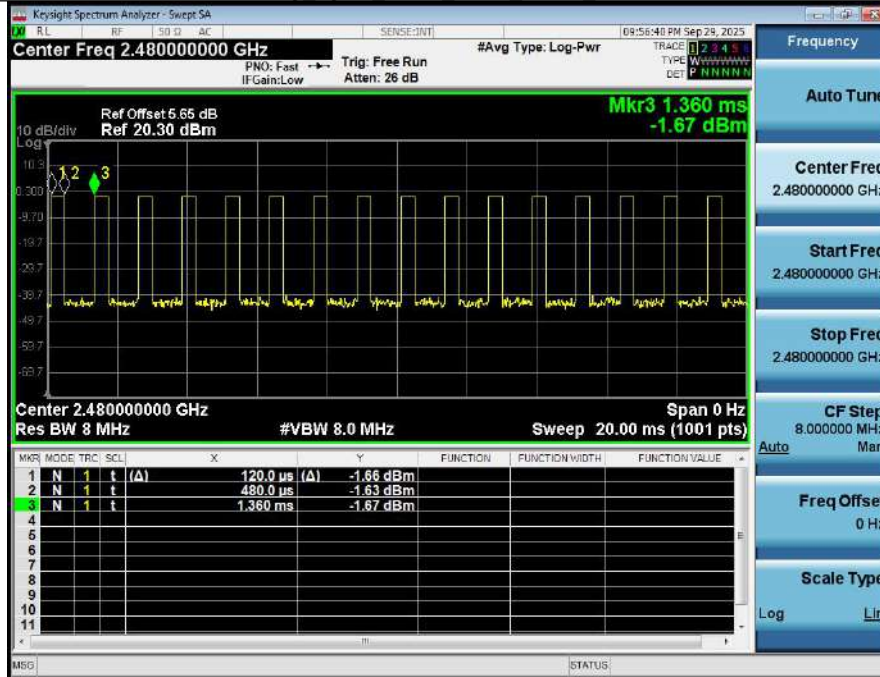
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1. Duty Cycle

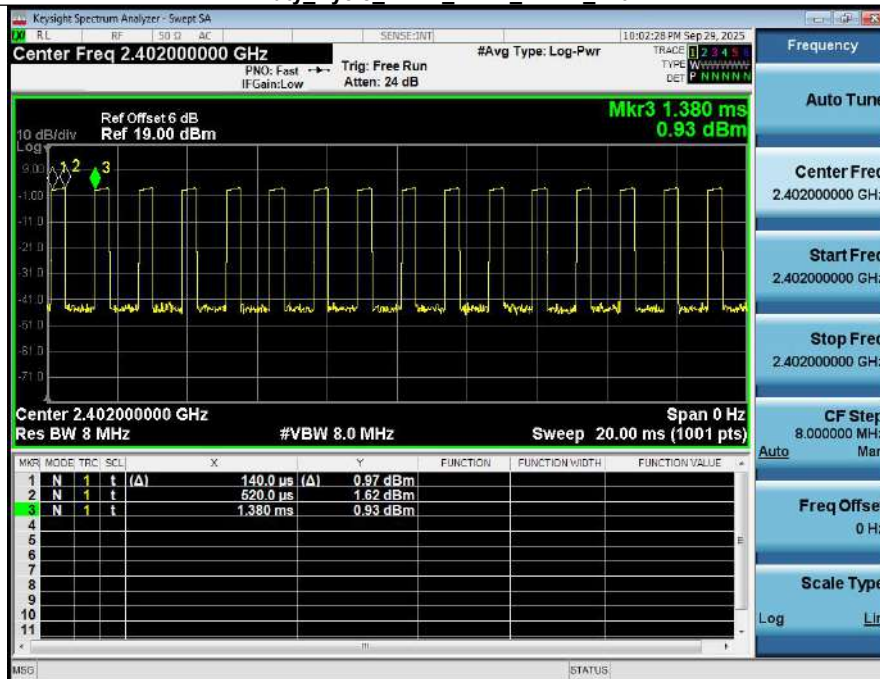
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	29.03	5.37
NVNT	ANT1	2-DH1	2402.00	30.65	5.14
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	31.75	4.98
NVNT	ANT1	3-DH1	2402.00	30.16	5.21
NVNT	ANT1	3-DH1	2441.00	31.75	4.98
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



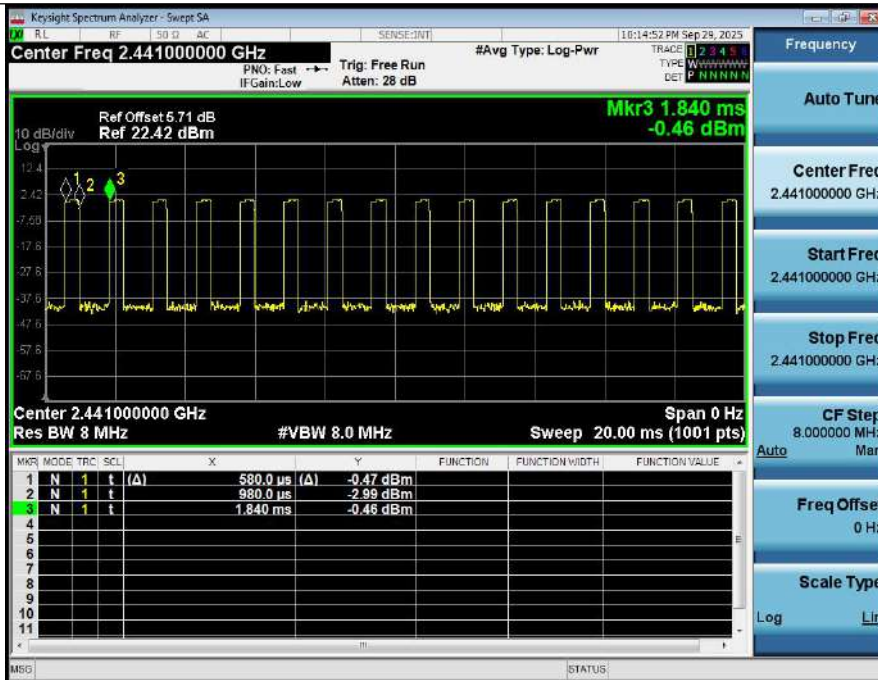
Duty Cycle_NVNT_ANT1_1-DH1_2480



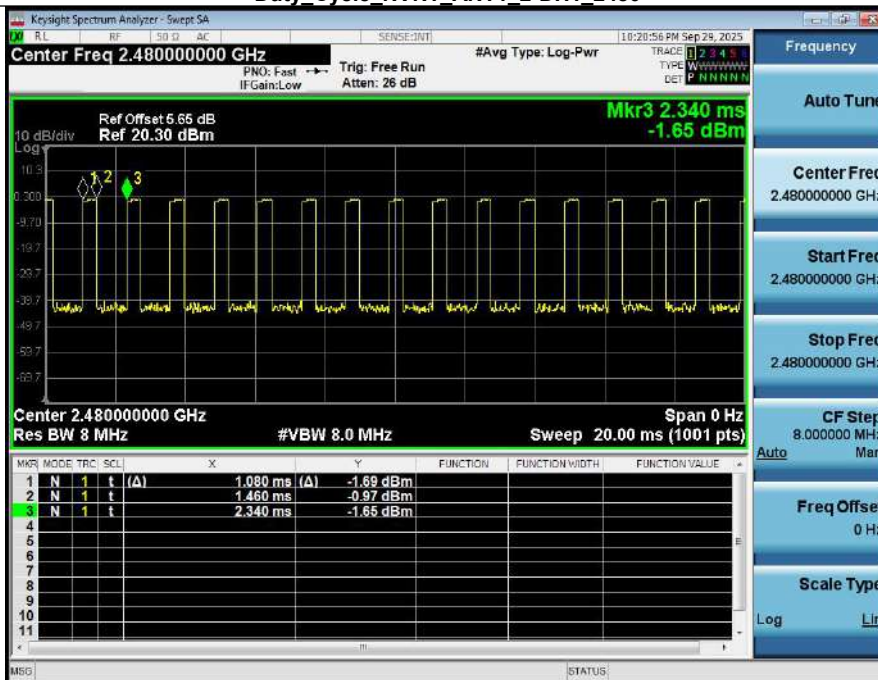
Duty Cycle_NVNT_ANT1_2-DH1_2402



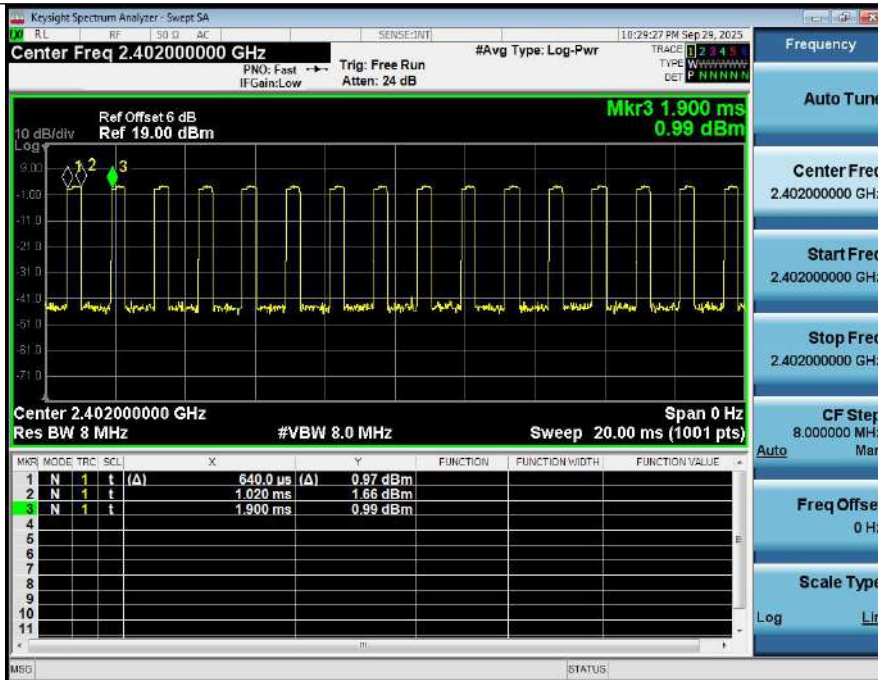
Duty Cycle_NVNT_ANT1_2-DH1_2441



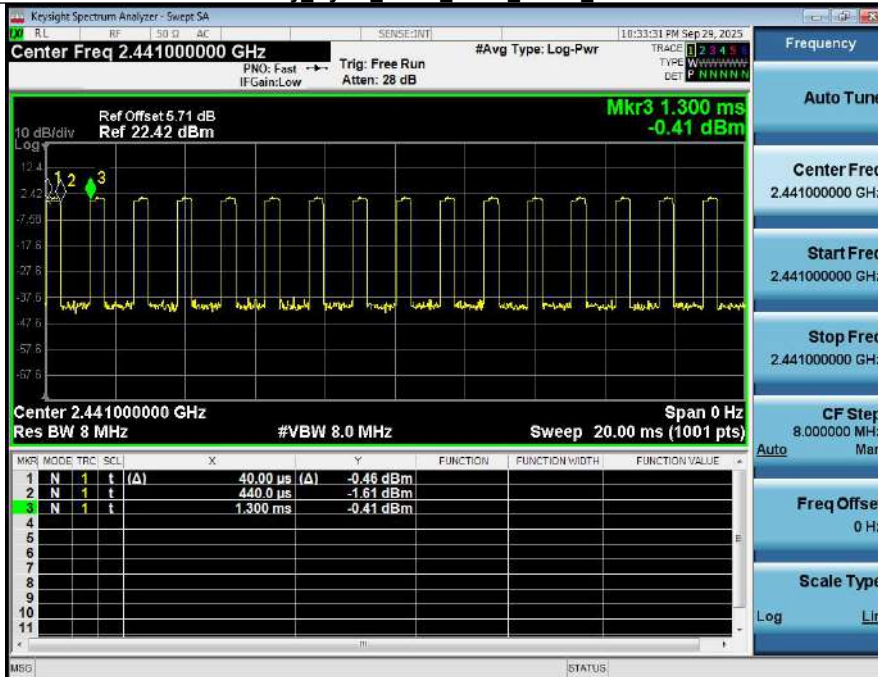
Duty Cycle_NVNT_ANT1 2-DH1_2480



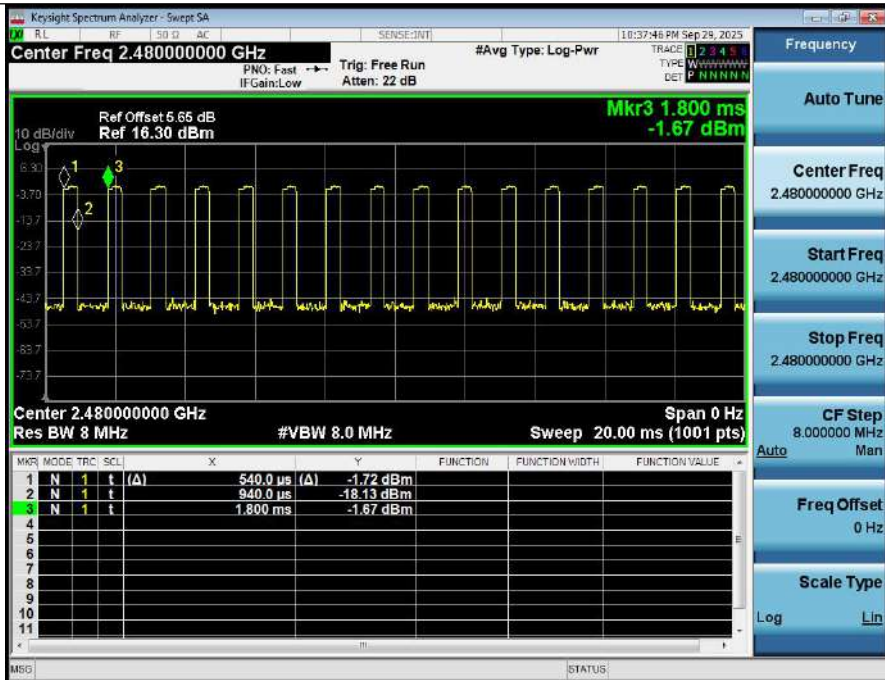
Duty Cycle_NVNT_ANT1 3-DH1_2402



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	1.033	Yes
NVNT	ANT1	1-DH1	2441.00	1.023	Yes
NVNT	ANT1	1-DH1	2480.00	1.017	Yes
NVNT	ANT1	2-DH1	2402.00	1.290	Yes
NVNT	ANT1	2-DH1	2441.00	1.281	Yes
NVNT	ANT1	2-DH1	2480.00	1.300	Yes
NVNT	ANT1	3-DH1	2402.00	1.256	Yes
NVNT	ANT1	3-DH1	2441.00	1.262	Yes
NVNT	ANT1	3-DH1	2480.00	1.257	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	0.931
NVNT	ANT1	1-DH1	2441.00	0.921
NVNT	ANT1	1-DH1	2480.00	0.918
NVNT	ANT1	2-DH1	2402.00	1.206
NVNT	ANT1	2-DH1	2441.00	1.196
NVNT	ANT1	2-DH1	2480.00	1.190
NVNT	ANT1	3-DH1	2402.00	1.188
NVNT	ANT1	3-DH1	2441.00	1.180
NVNT	ANT1	3-DH1	2480.00	1.175



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	1.01	1.26	125	Pass
NVNT	ANT1	1-DH1	2441.00	-0.42	0.91	125	Pass
NVNT	ANT1	1-DH1	2480.00	-1.64	0.69	125	Pass
NVNT	ANT1	2-DH1	2402.00	1.77	1.50	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.39	1.09	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.76	0.84	125	Pass
NVNT	ANT1	3-DH1	2402.00	2.28	1.69	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.91	1.23	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.21	0.95	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

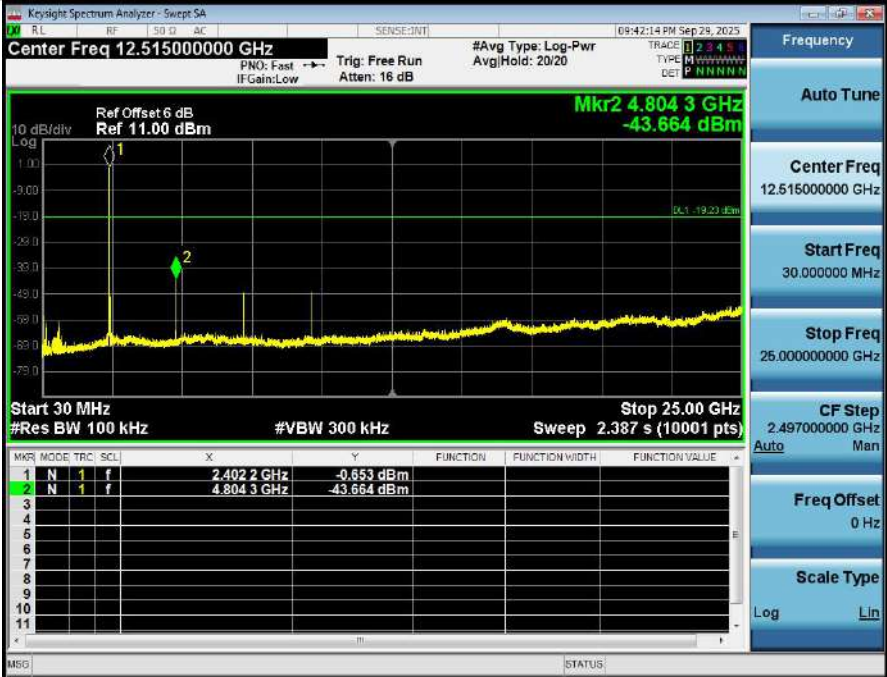
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit(dBm)	Result
NVNT	ANT1	1-DH1	2402.00	0.768	-43.664	-19.232	Pass
NVNT	ANT1	1-DH1	2441.00	-0.662	-40.576	-20.662	Pass
NVNT	ANT1	1-DH1	2480.00	-1.874	-42.097	-21.874	Pass
NVNT	ANT1	2-DH1	2402.00	0.719	-41.797	-19.281	Pass
NVNT	ANT1	2-DH1	2441.00	-0.673	-45.376	-20.673	Pass
NVNT	ANT1	2-DH1	2480.00	-1.873	-42.927	-21.873	Pass
NVNT	ANT1	3-DH1	2402.00	0.721	-41.539	-19.279	Pass
NVNT	ANT1	3-DH1	2441.00	-0.673	-41.542	-20.673	Pass
NVNT	ANT1	3-DH1	2480.00	-1.850	-45.625	-21.850	Pass

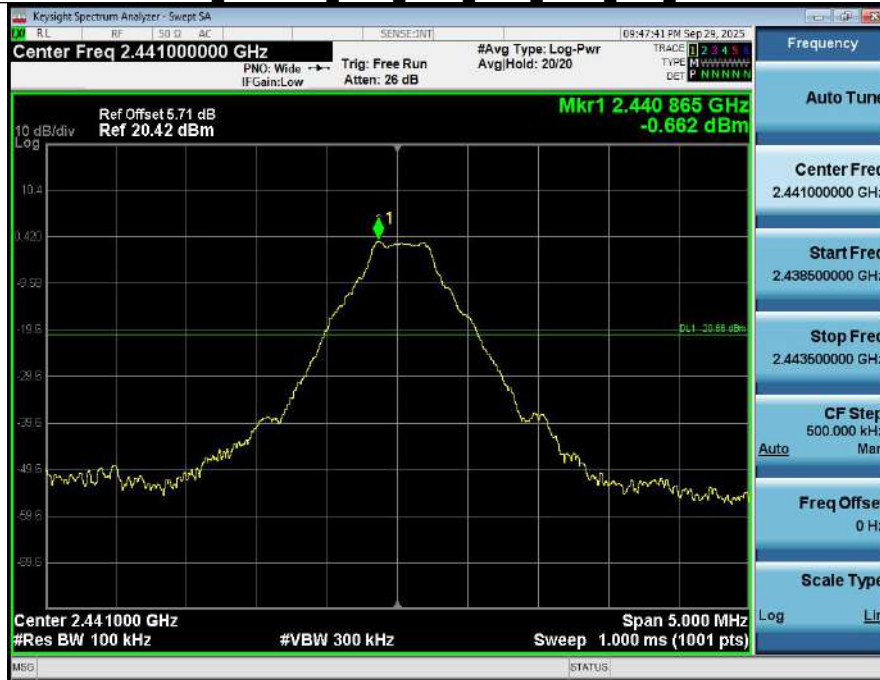
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



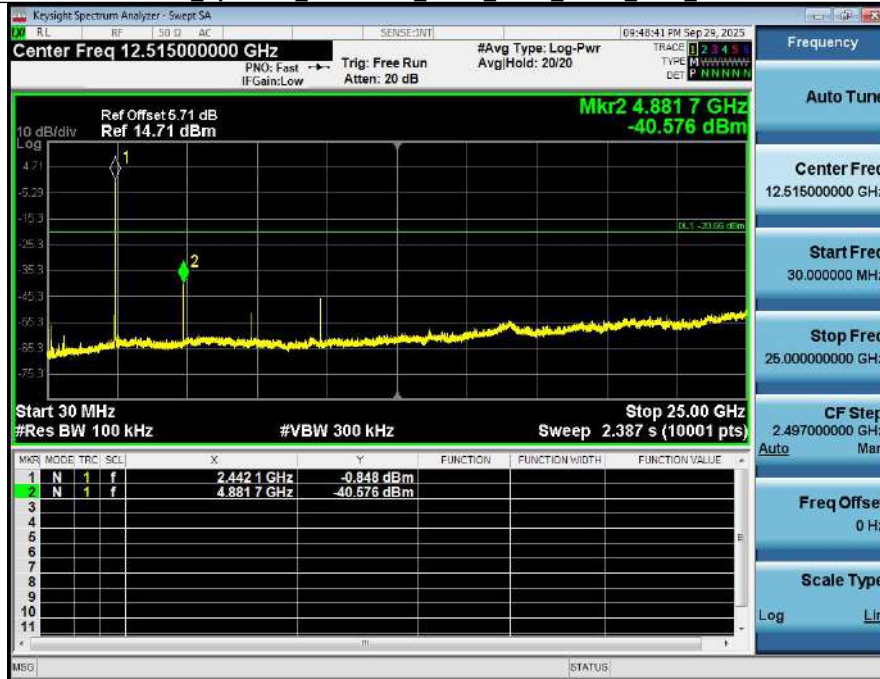
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



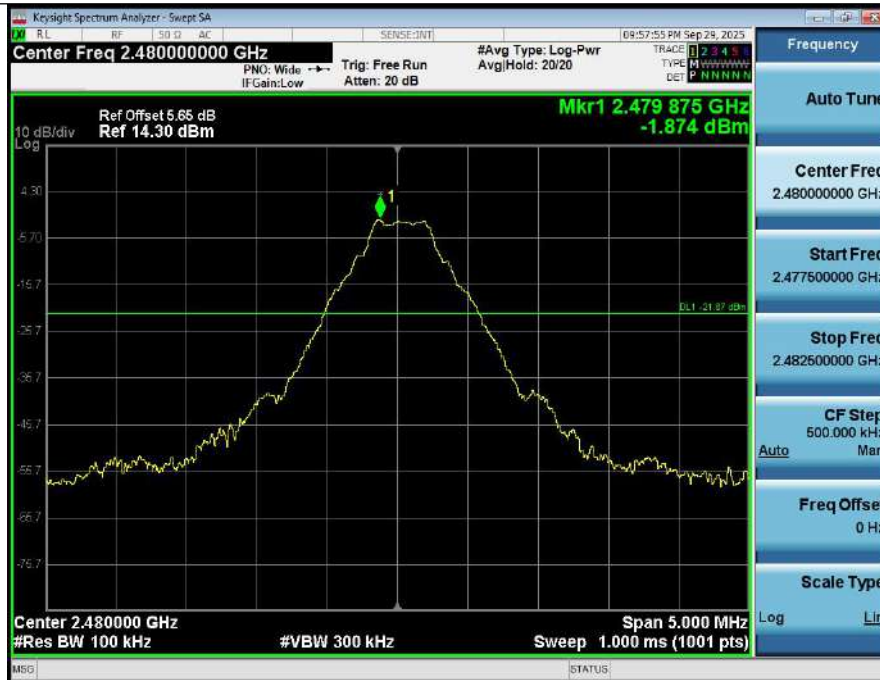
1 Reference Level NVNT ANT1 1-DH1 2441 00



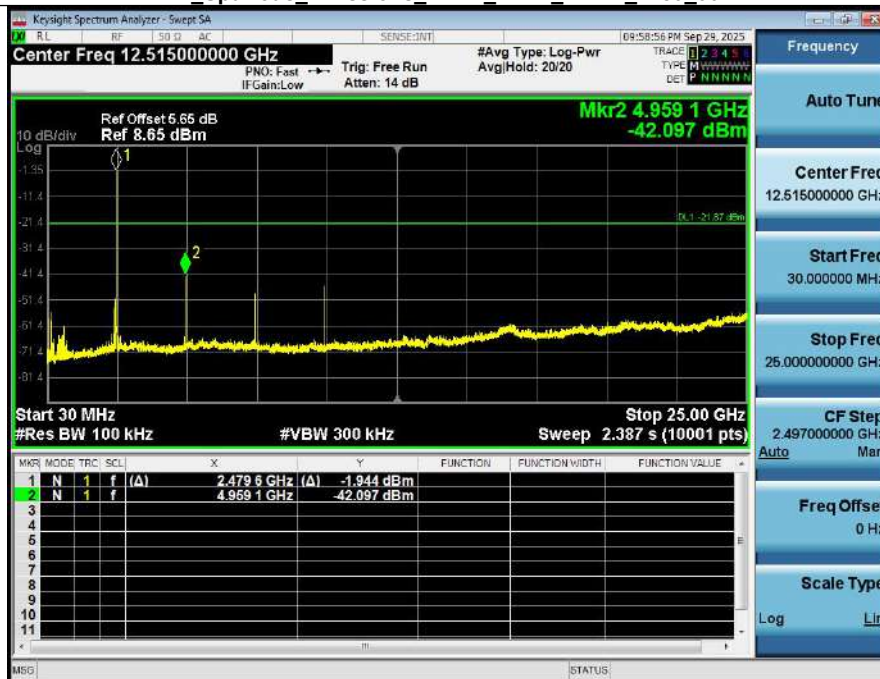
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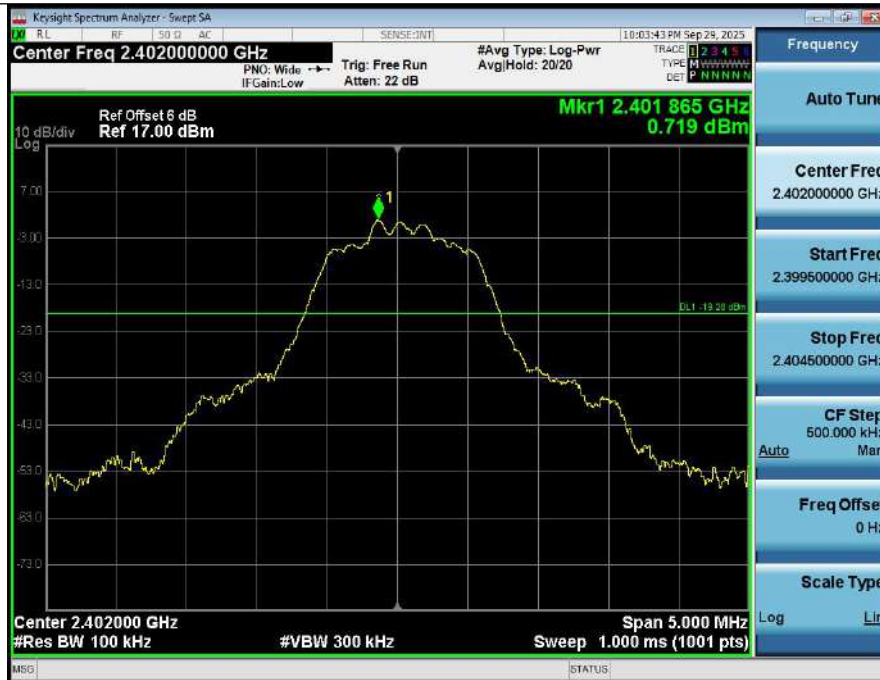
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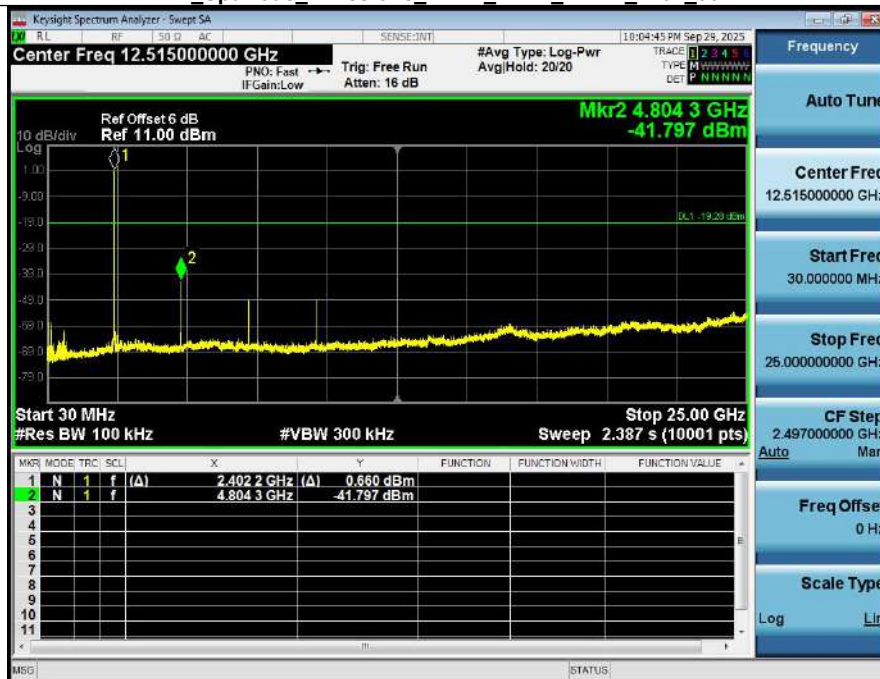
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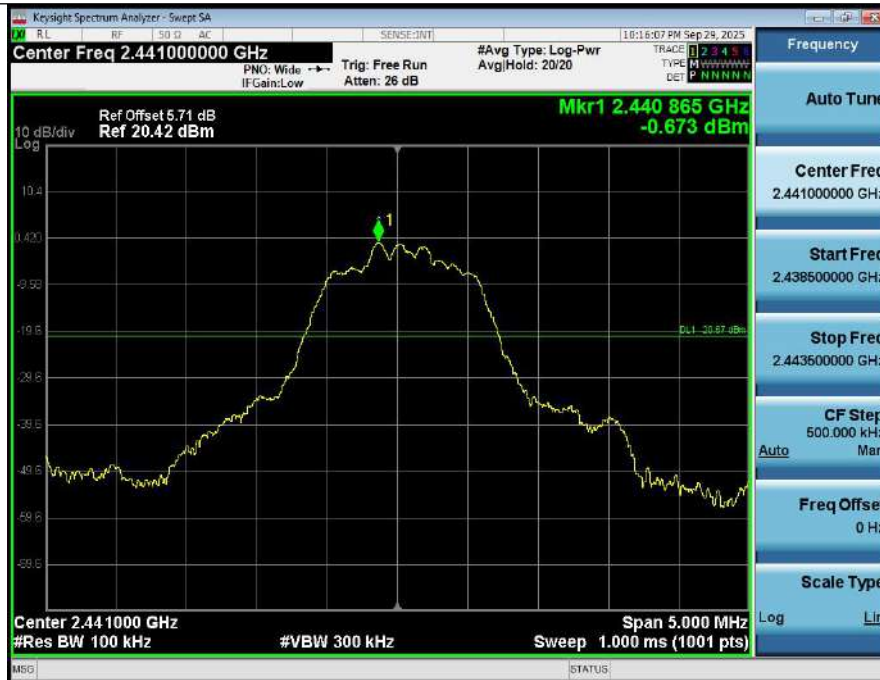
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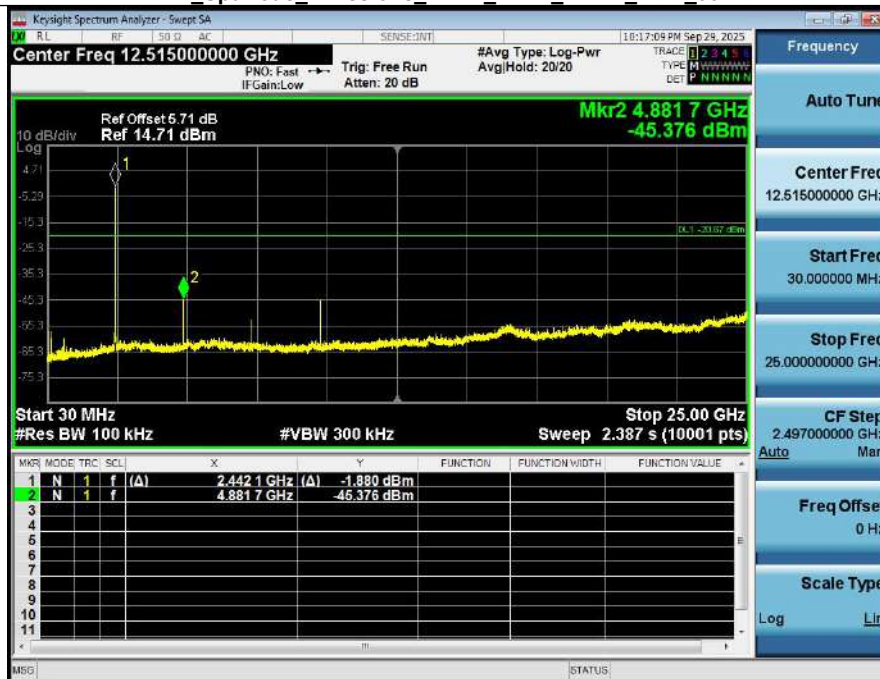
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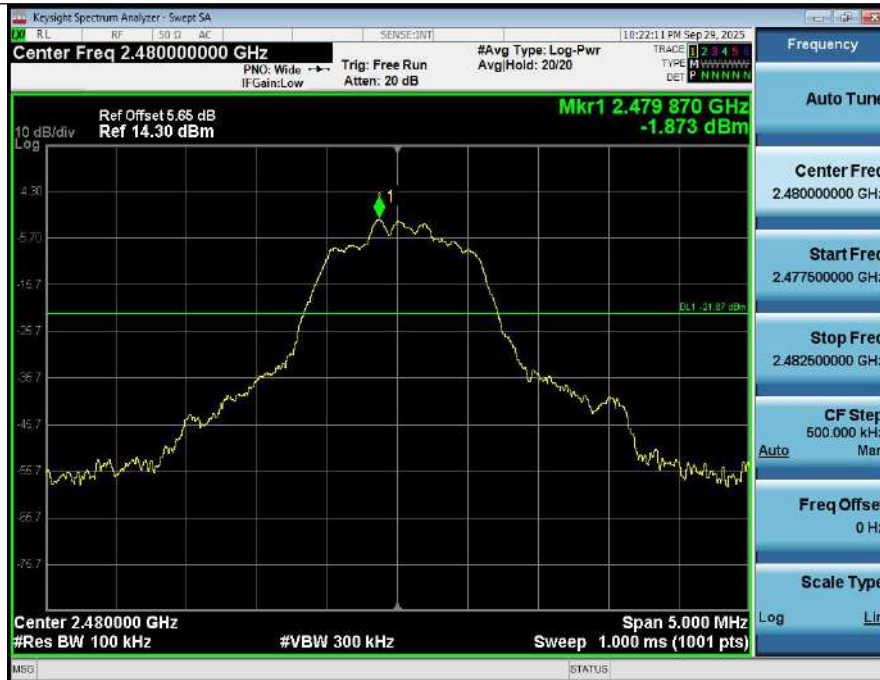
1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



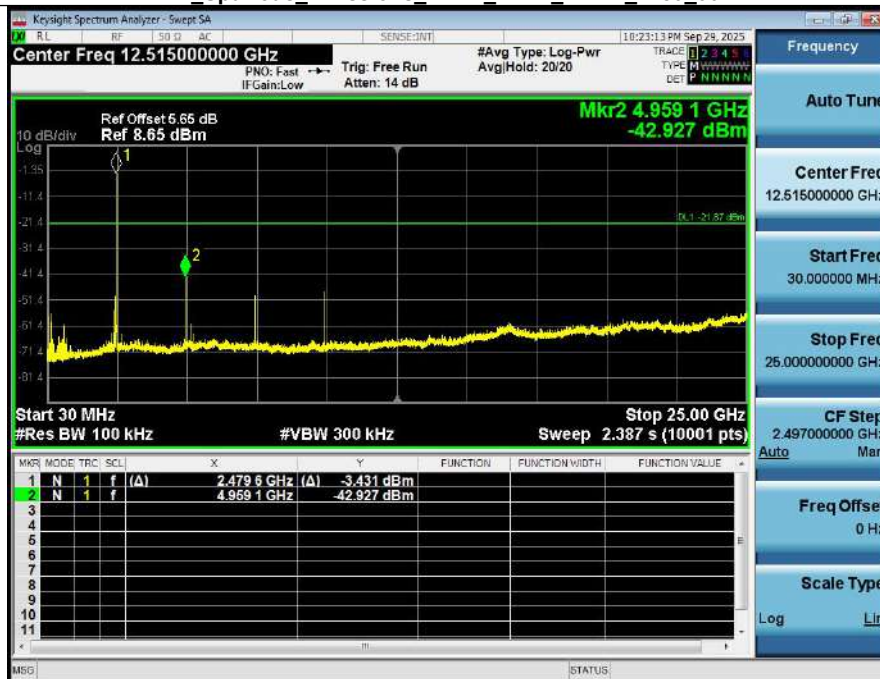
2 Spurious Emissions NVNT_ANT1_2-DH1_2441_00



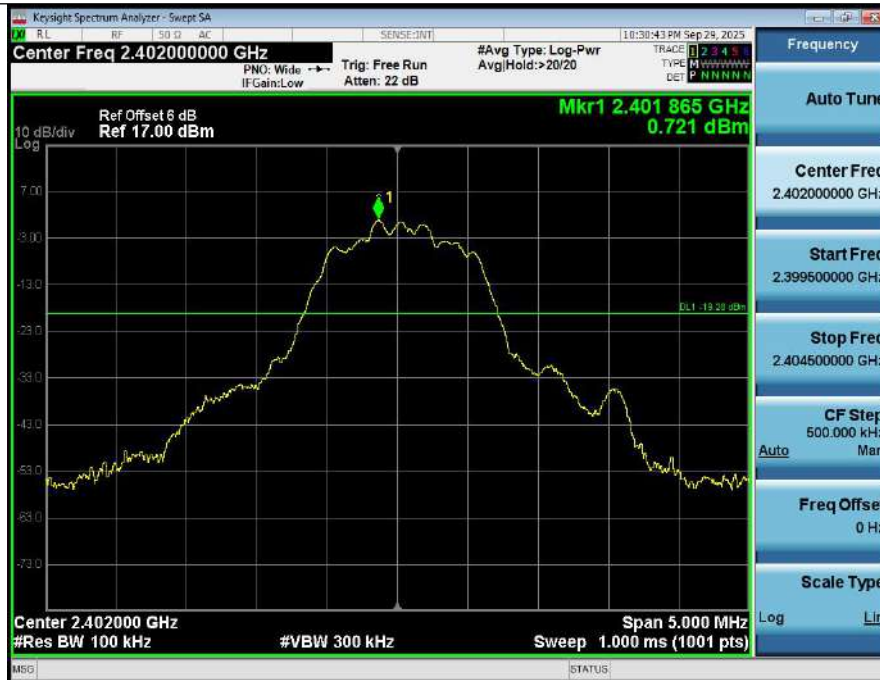
1 Reference Level NVNT_ANT1_2-DH1_2480_00



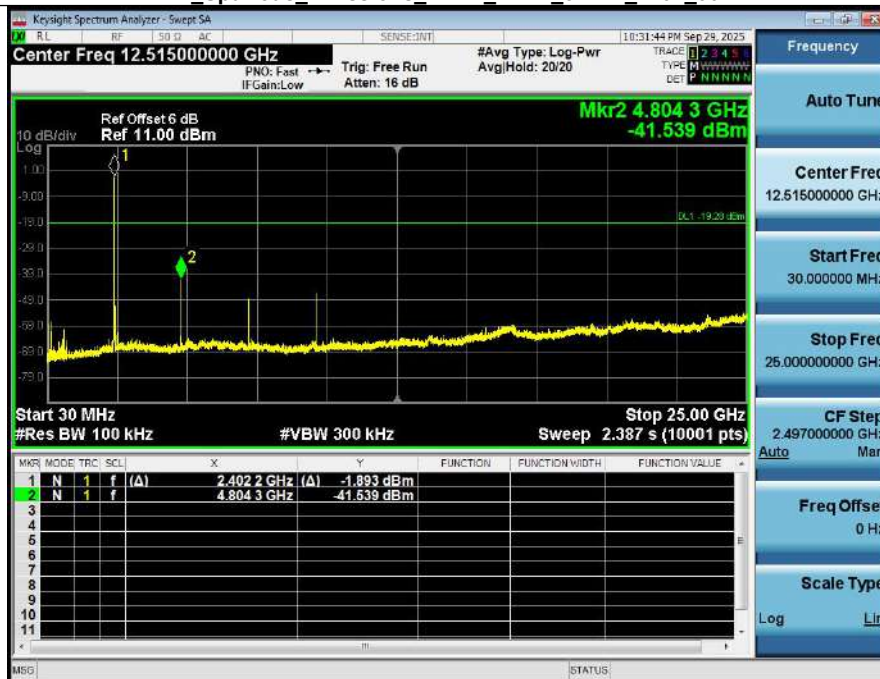
2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



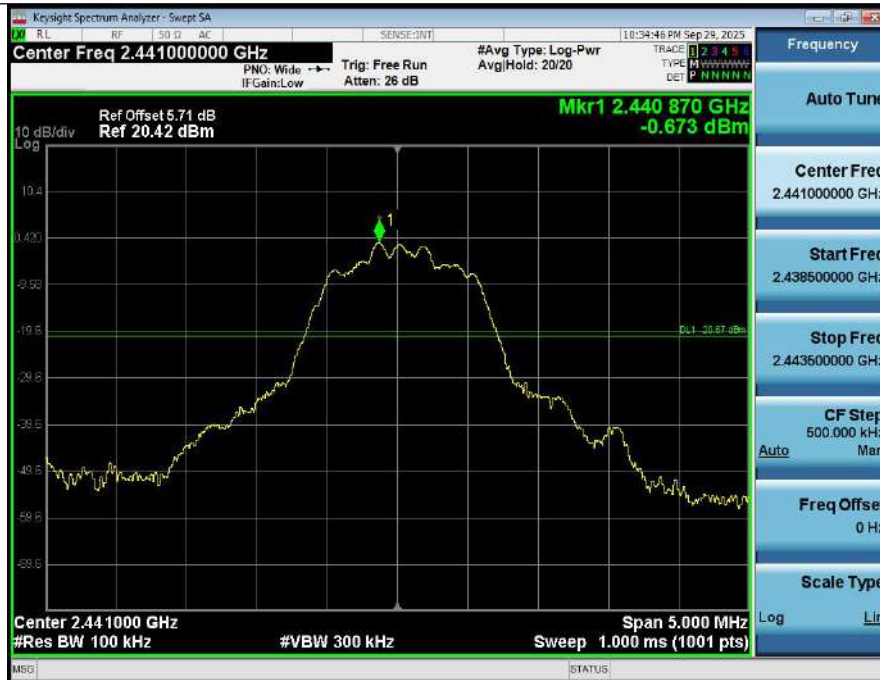
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



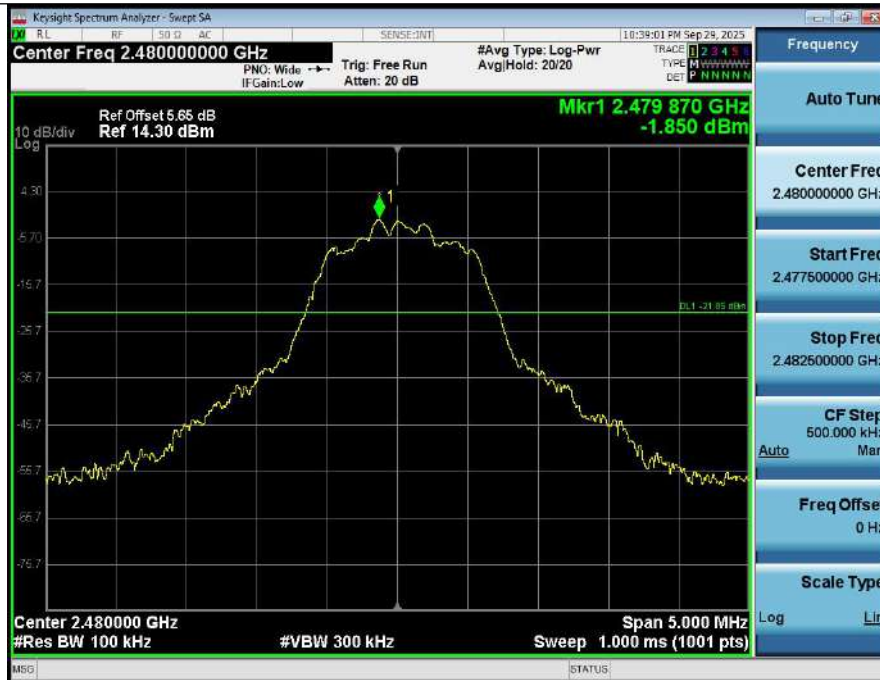
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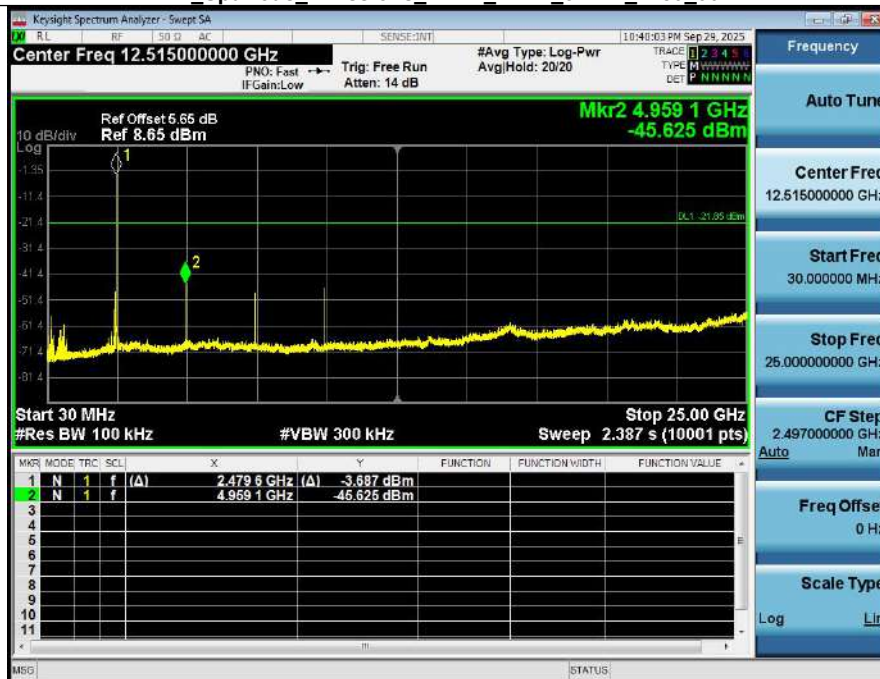
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



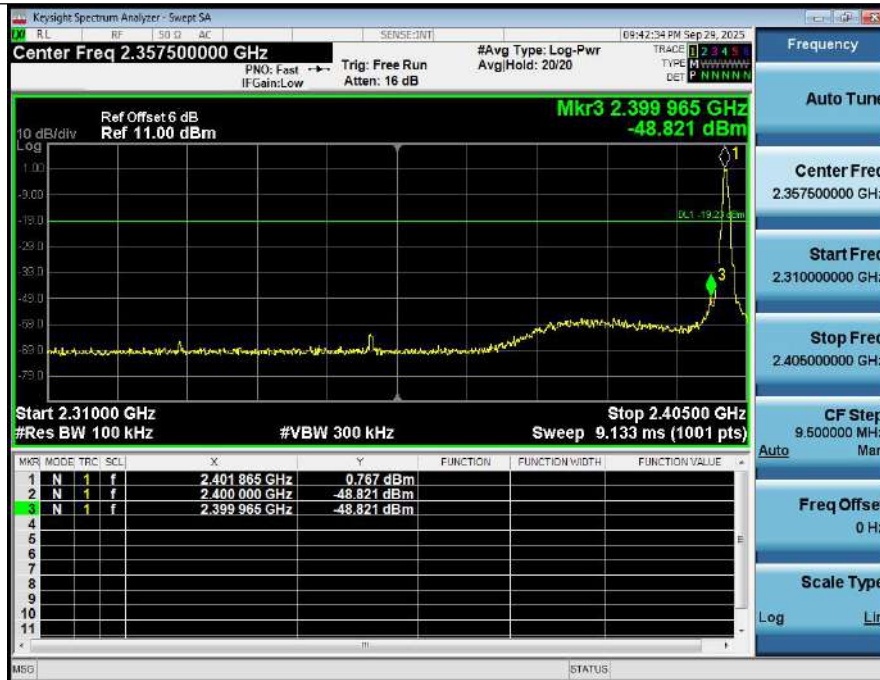
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



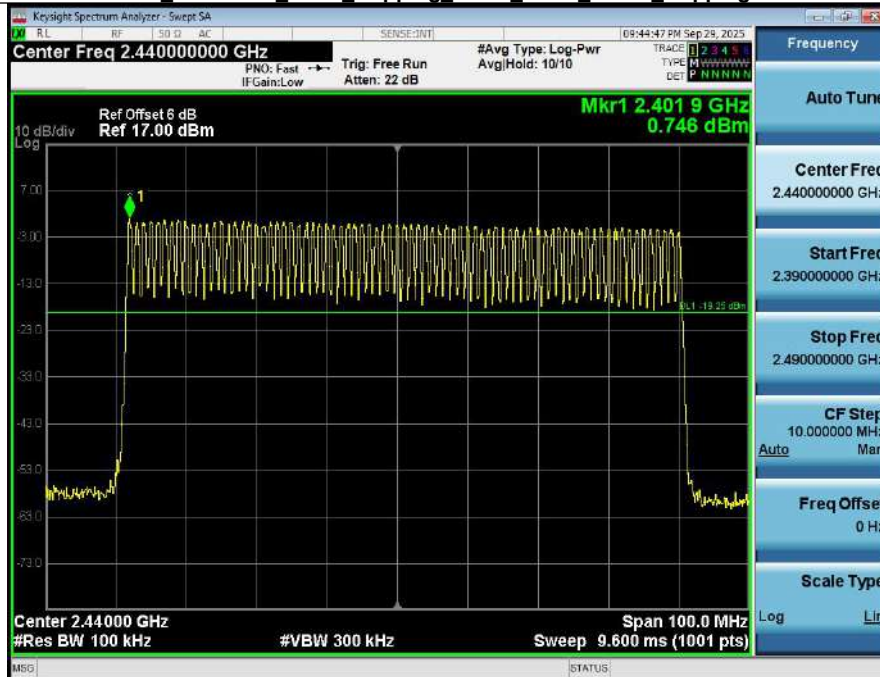
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value(dBm)	Limit(dBm)	Result
NVNT	ANT1	1-DH1	2402.00	0.768	-48.821	-19.232	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.746	-55.600	-19.254	Pass
NVNT	ANT1	1-DH1	2480.00	-1.874	-59.007	-21.874	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.365	-58.899	-19.635	Pass
NVNT	ANT1	2-DH1	2402.00	0.719	-49.846	-19.281	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.452	-51.060	-19.548	Pass
NVNT	ANT1	2-DH1	2480.00	-1.873	-59.011	-21.873	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.394	-58.168	-19.606	Pass
NVNT	ANT1	3-DH1	2402.00	0.721	-51.784	-19.279	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.568	-54.263	-19.432	Pass
NVNT	ANT1	3-DH1	2480.00	-1.850	-59.545	-21.850	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.450	-58.925	-19.550	Pass

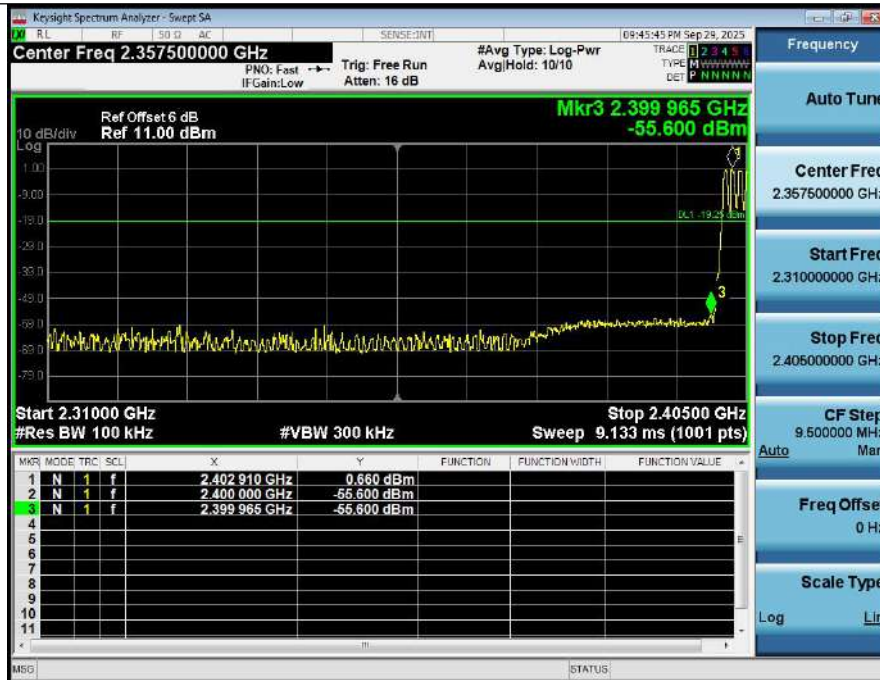




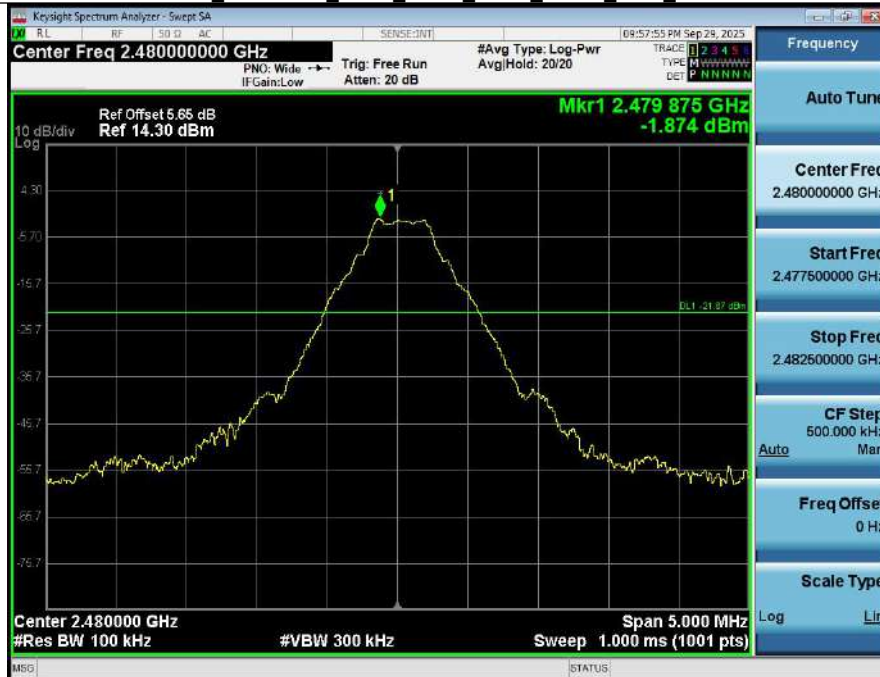
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



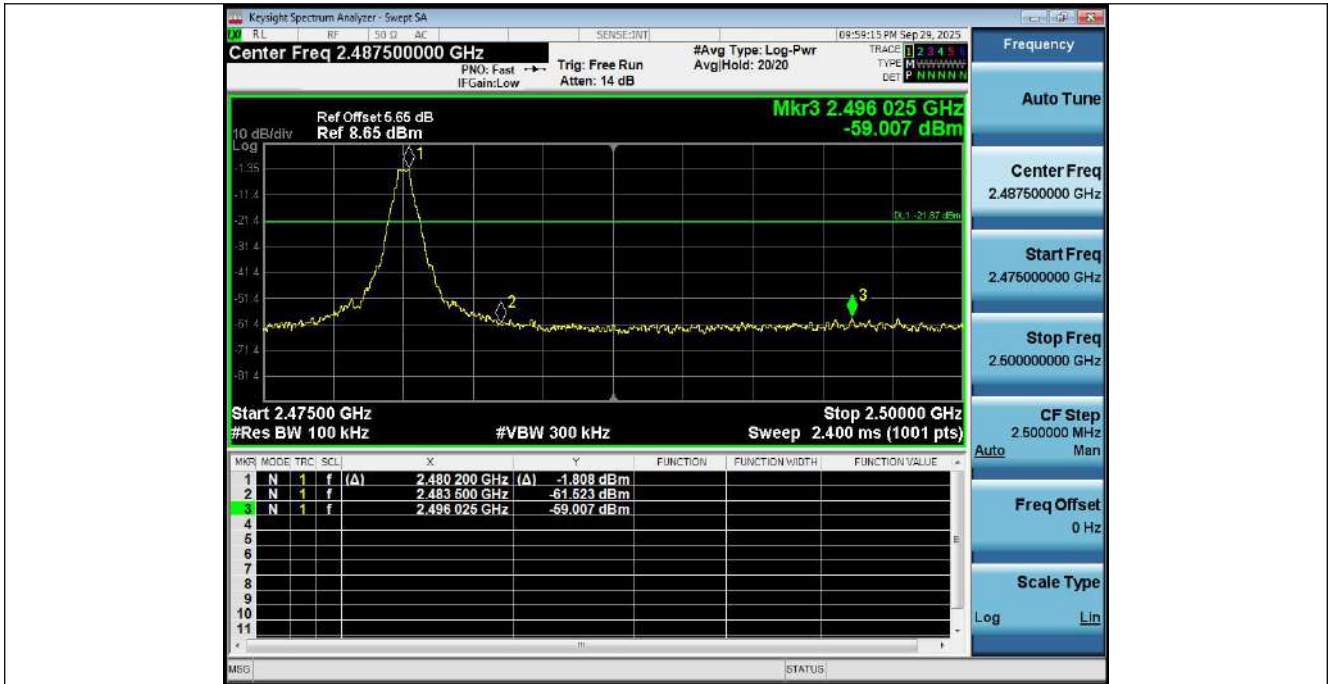
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



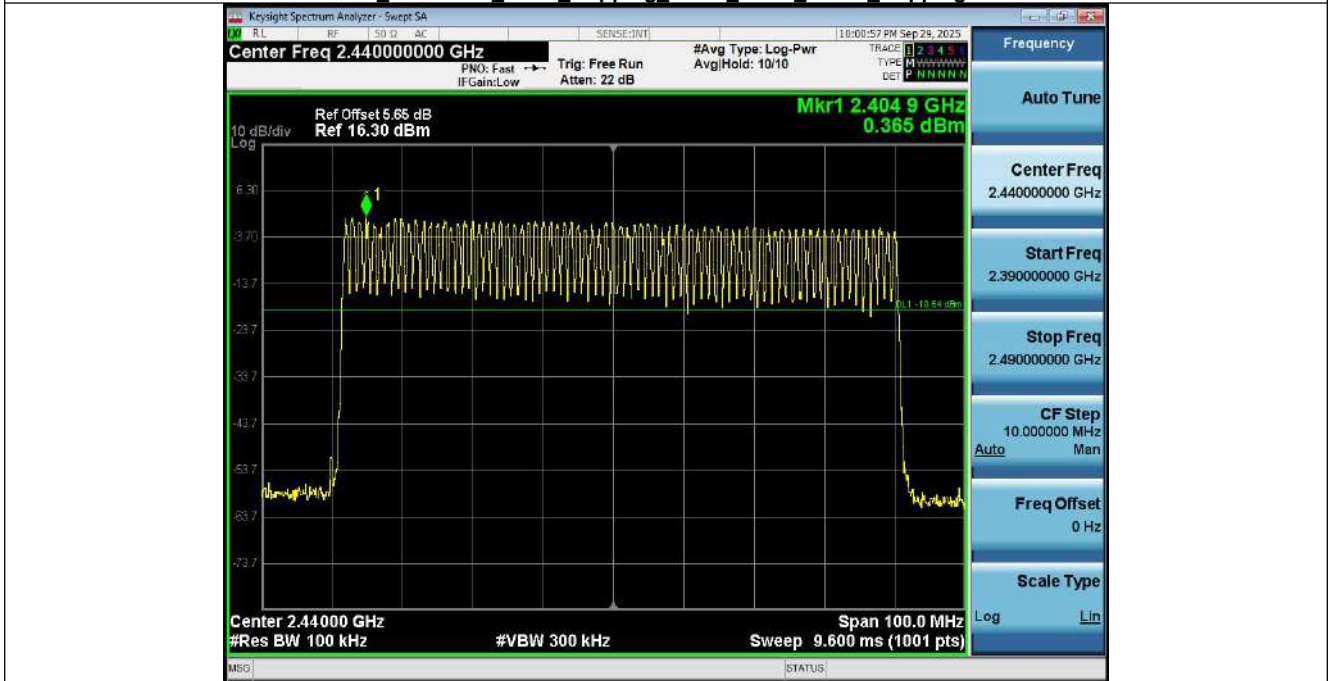
1 Reference Level NVNT ANT1 1-DH1 2480 00



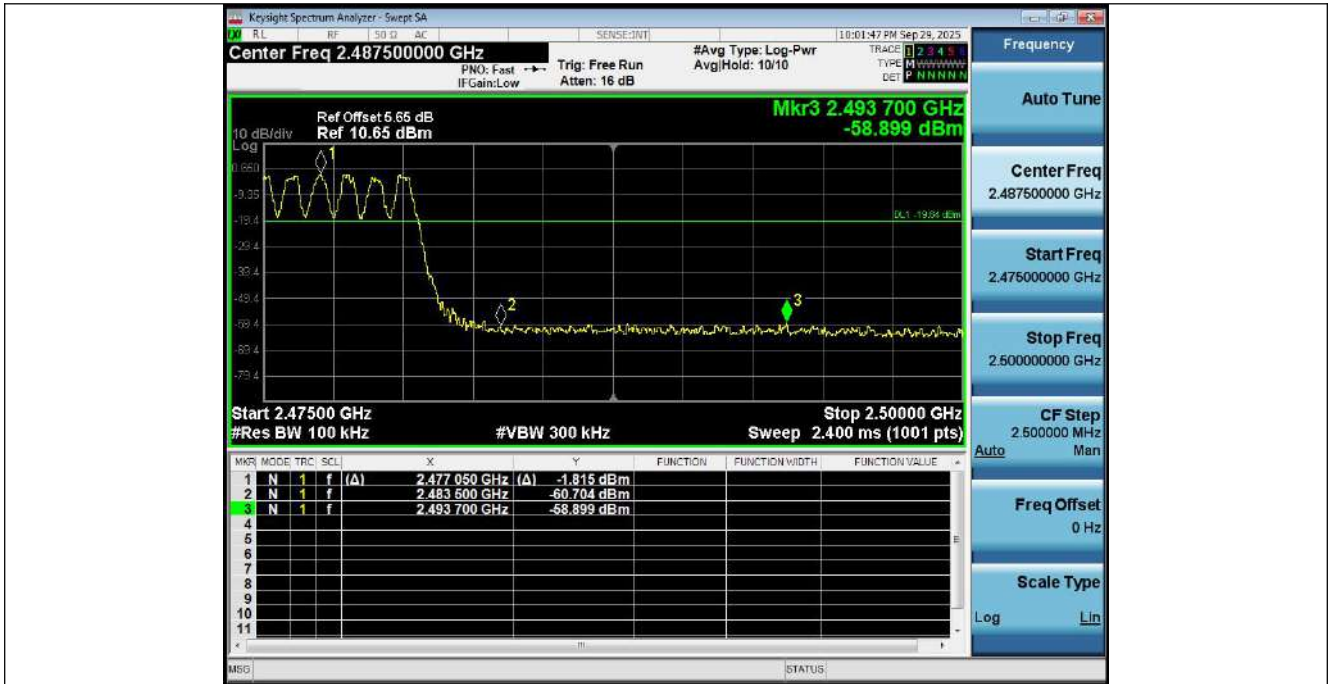
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



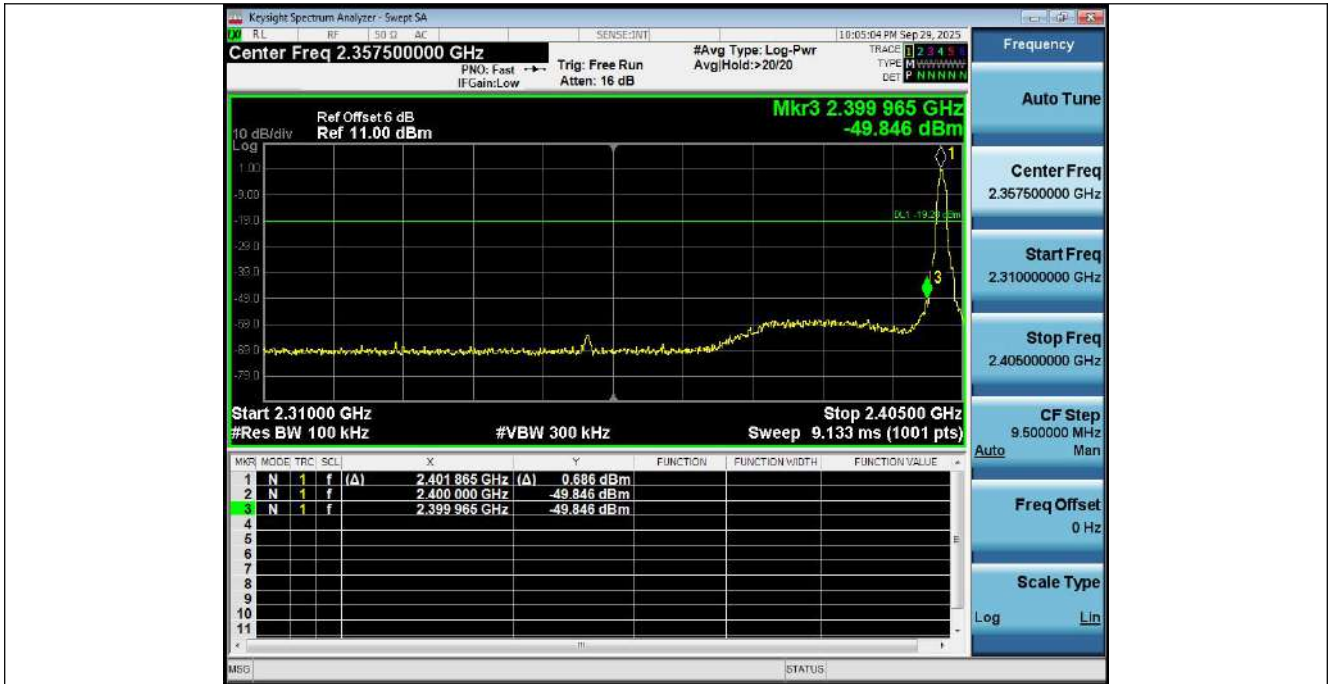
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1 Reference Level NVNT ANT1 2-DH1 2402 00



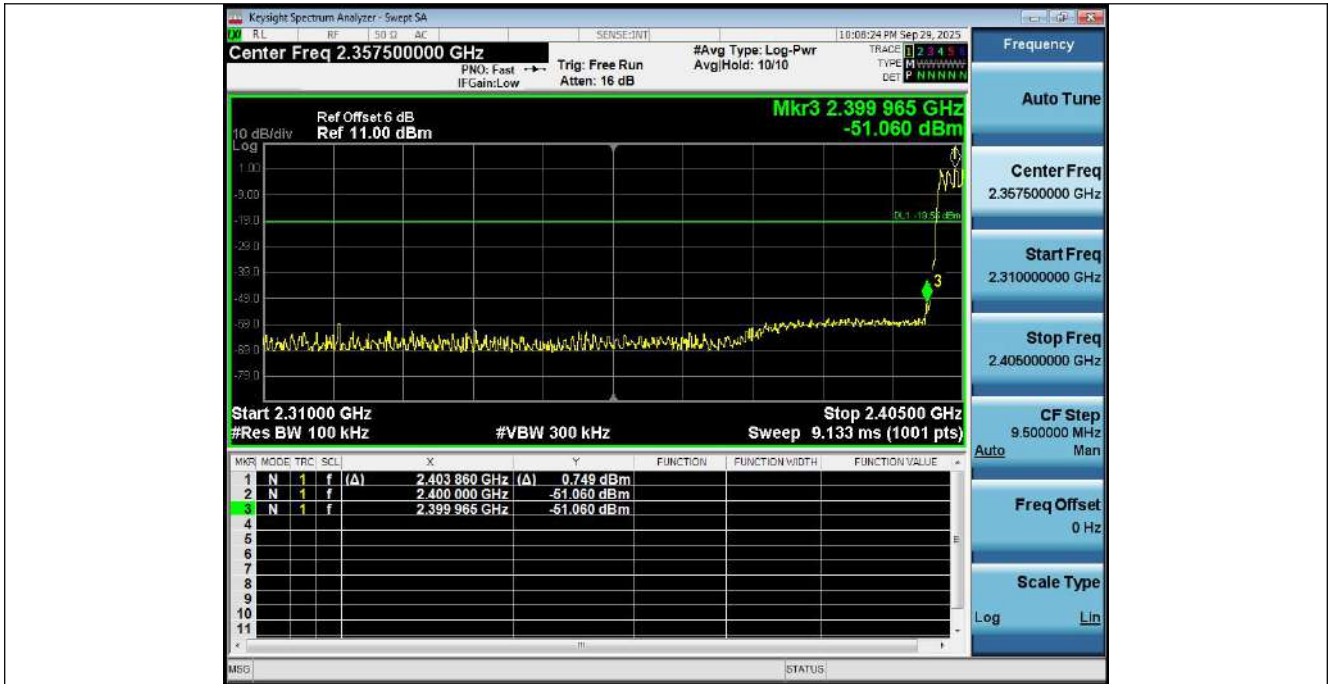
2 Bandedge NVNT ANT1 2-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



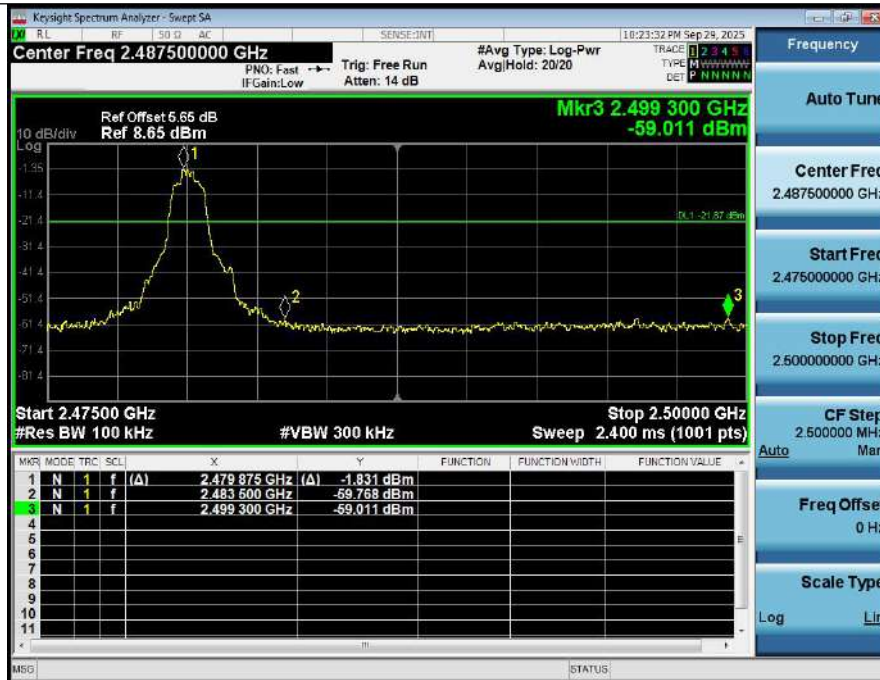
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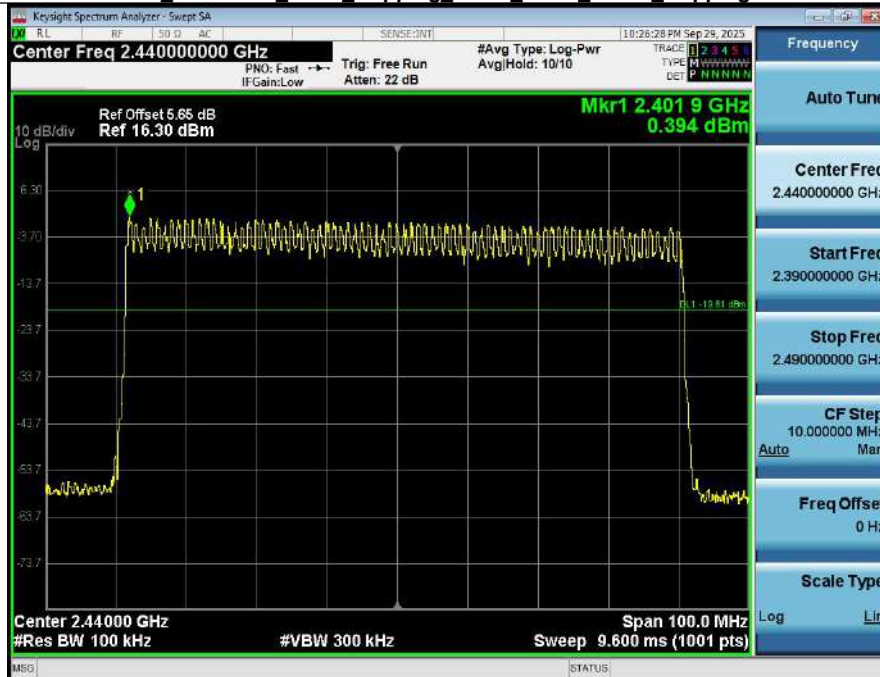
1 Reference Level NVNT ANT1 2-DH1 2480 00



2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



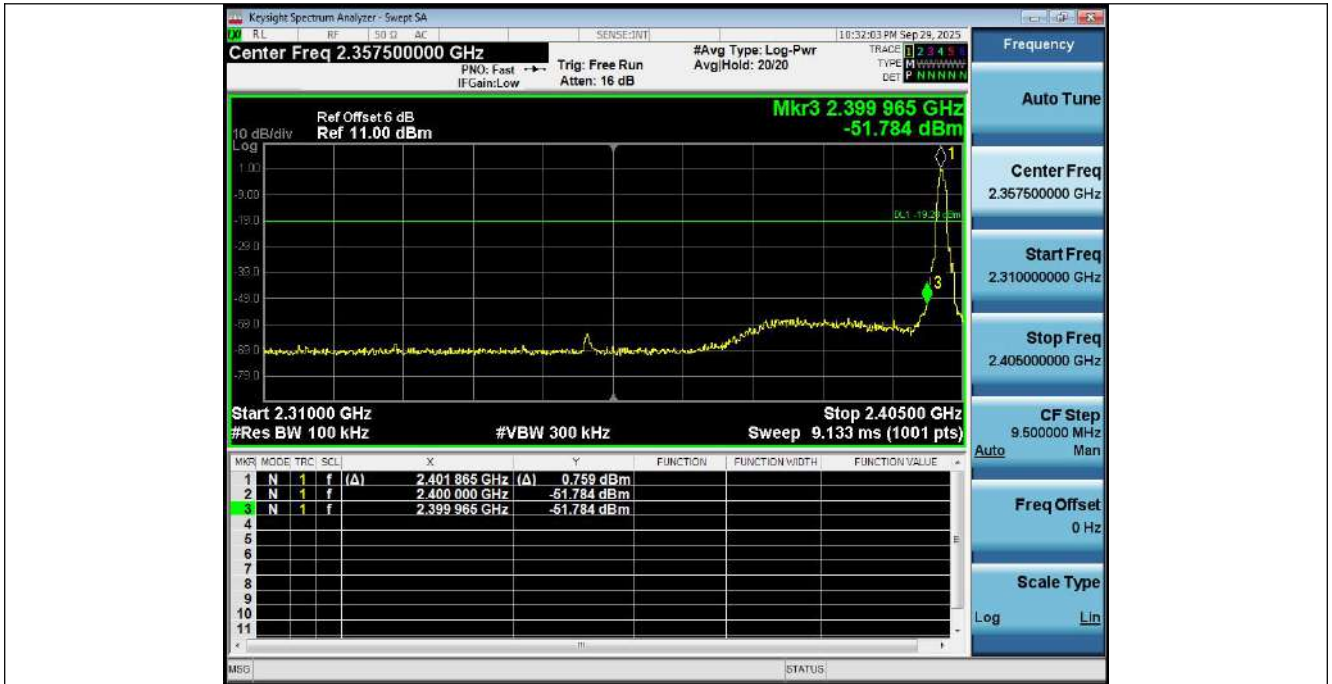
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2402 00



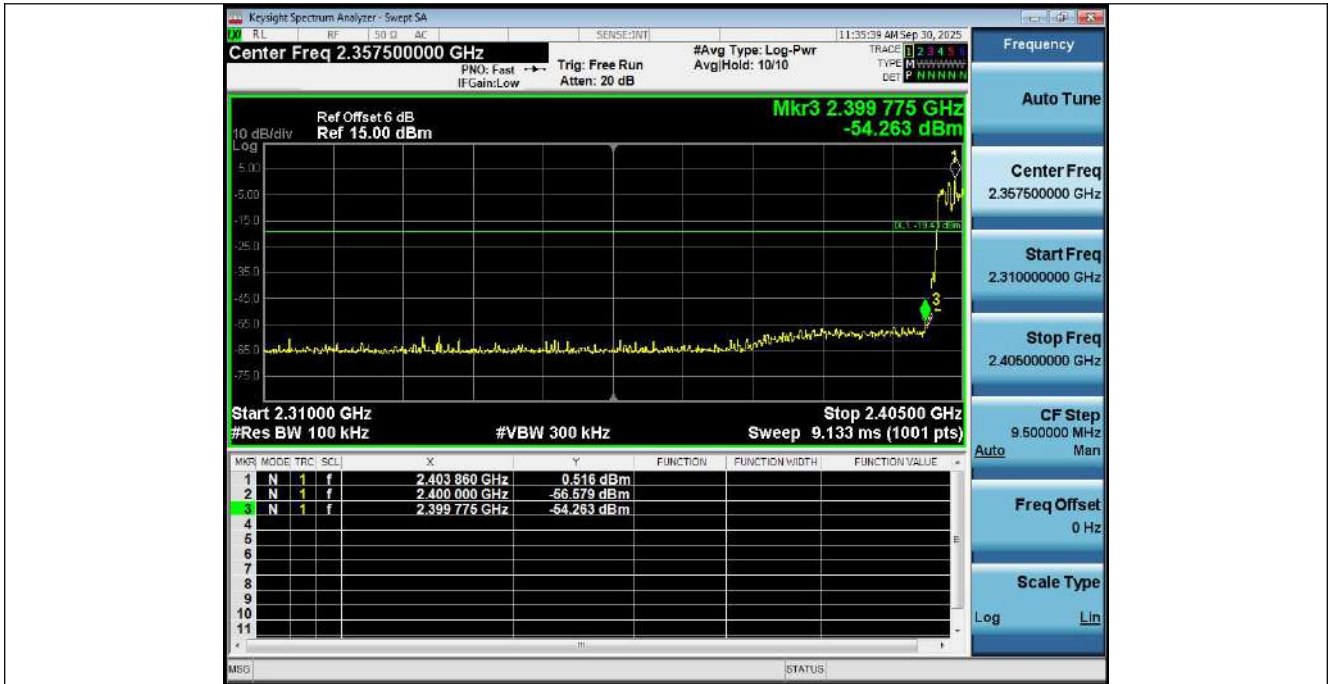
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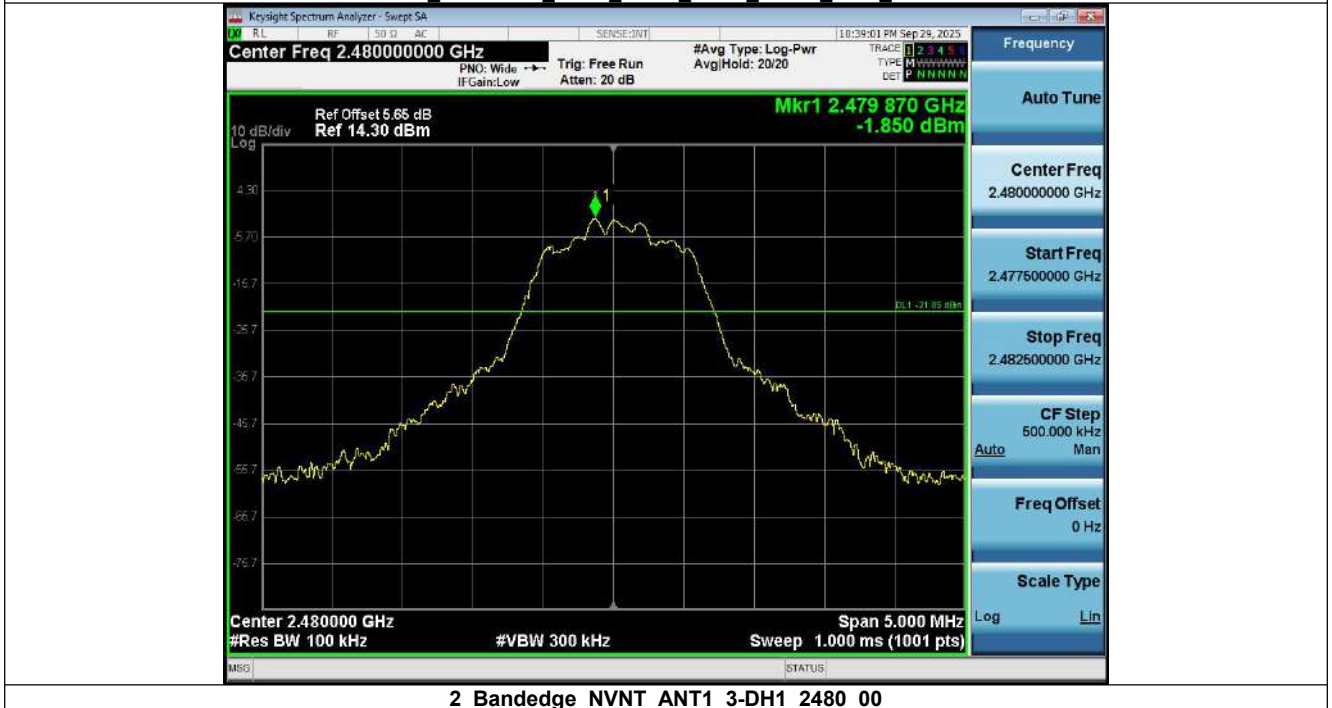
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



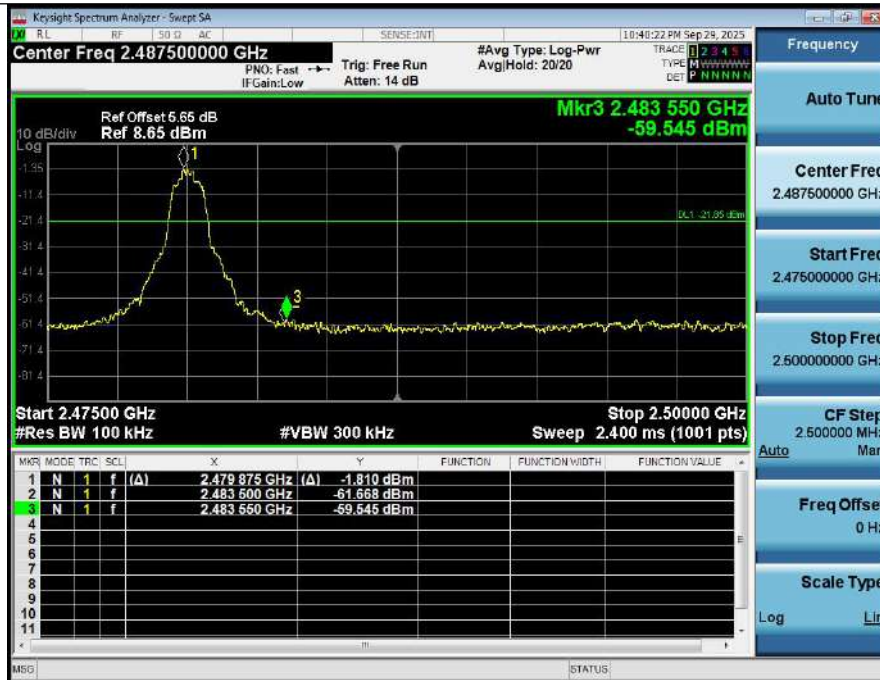
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



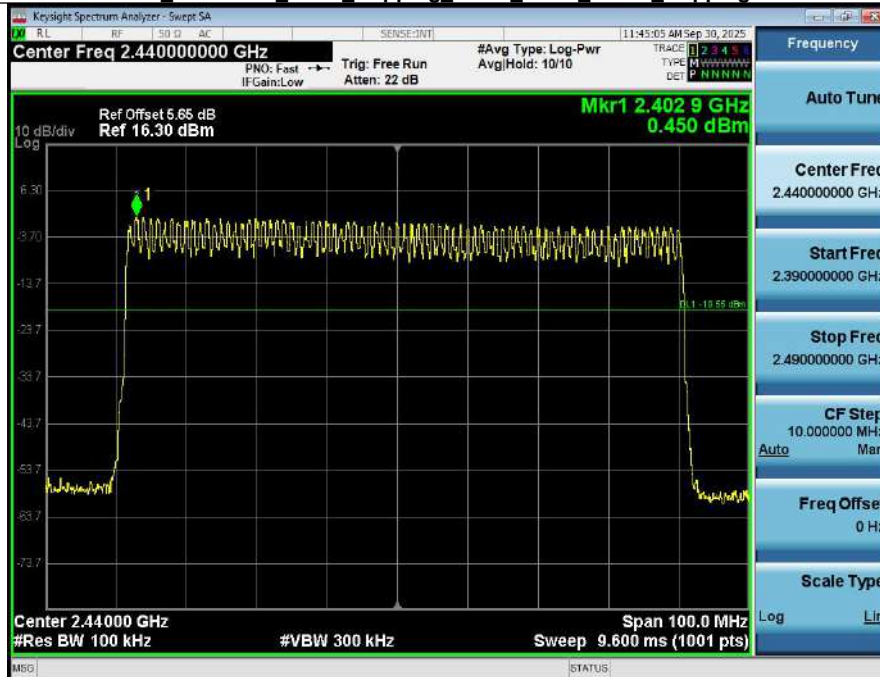
1 Reference Level NVNT ANT1 3-DH1 2480 00



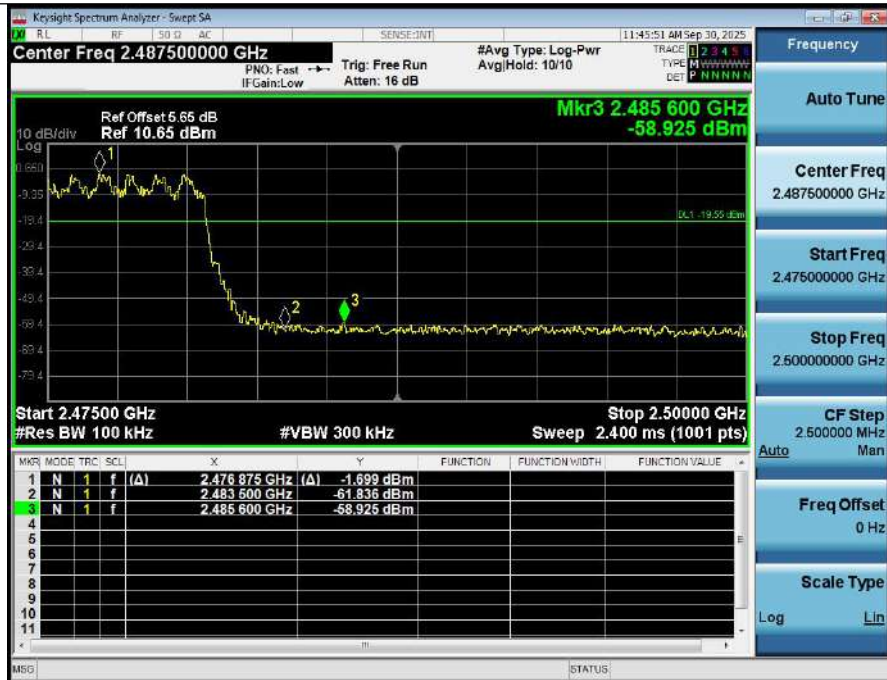
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

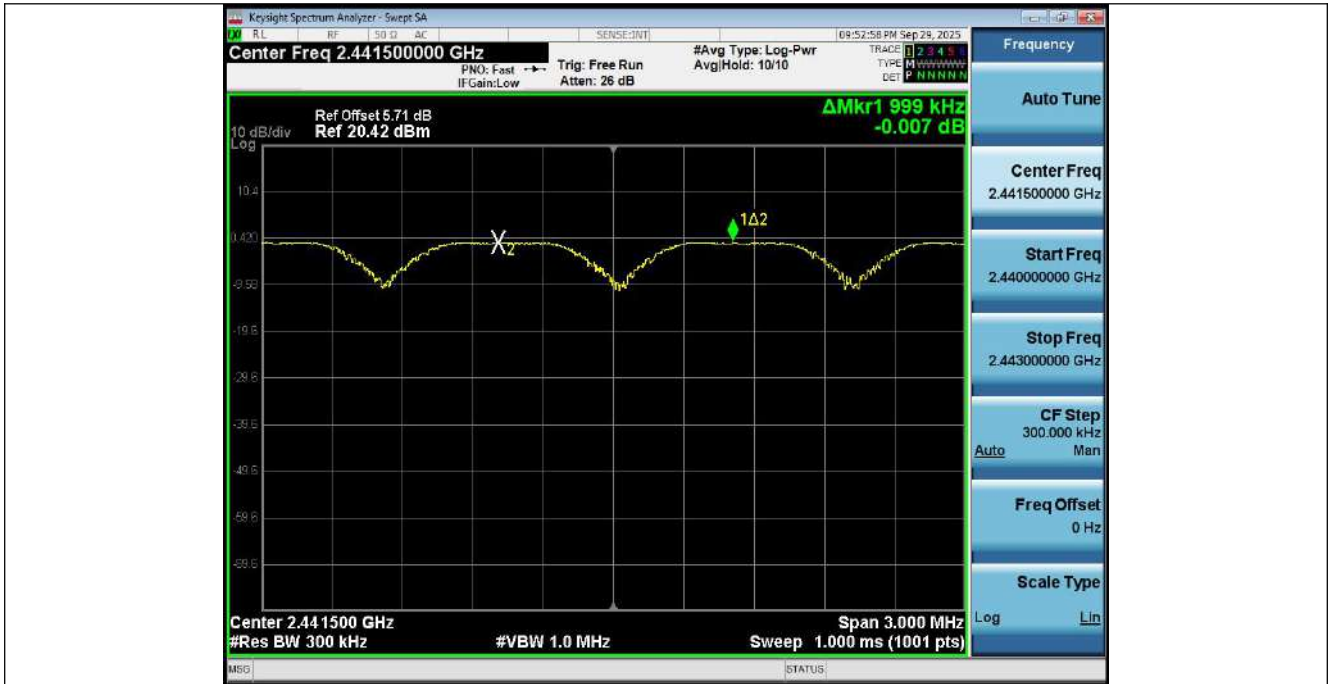


7. Carrier Frequencies Separation (Hopping)

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	2402.038	2403.028	0.99	0.689	Pass
NVNT	ANT1	1-DH1	2441.00	2441.011	2442.010	1.00	0.682	Pass
NVNT	ANT1	1-DH1	2480.00	2479.014	2480.007	0.99	0.678	Pass
NVNT	ANT1	2-DH1	2402.00	2401.930	2402.998	1.07	0.860	Pass
NVNT	ANT1	2-DH1	2441.00	2441.014	2442.010	1.00	0.854	Pass
NVNT	ANT1	2-DH1	2480.00	2479.011	2480.010	1.00	0.867	Pass
NVNT	ANT1	3-DH1	2402.00	2402.023	2403.031	1.01	0.837	Pass
NVNT	ANT1	3-DH1	2441.00	2441.017	2441.887	0.87	0.841	Pass
NVNT	ANT1	3-DH1	2480.00	2478.978	2480.013	1.03	0.838	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

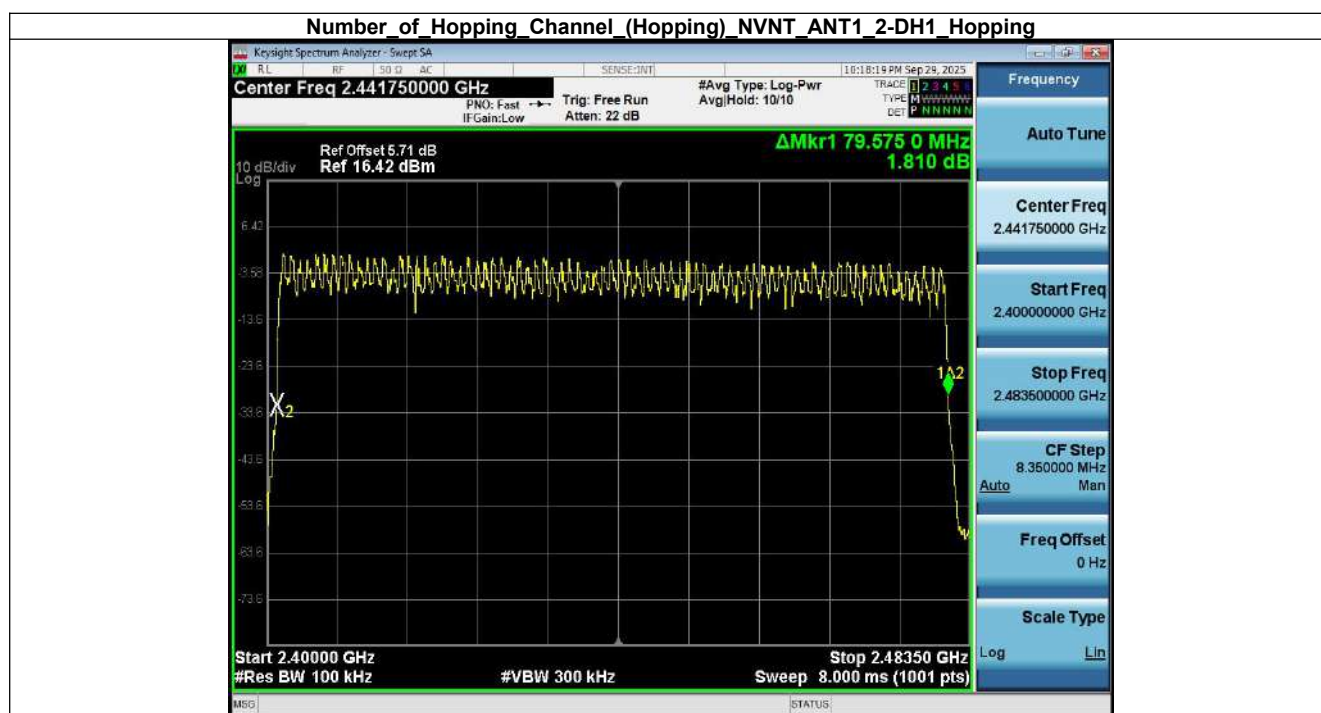
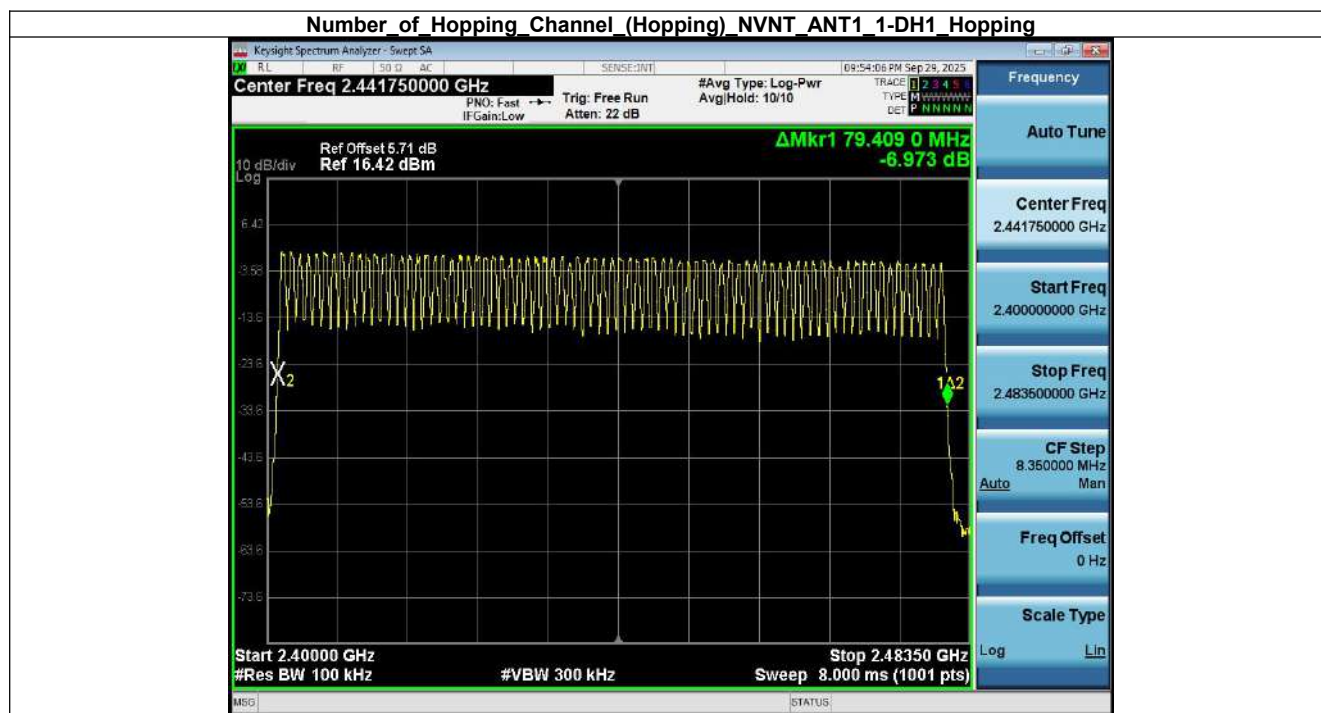


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

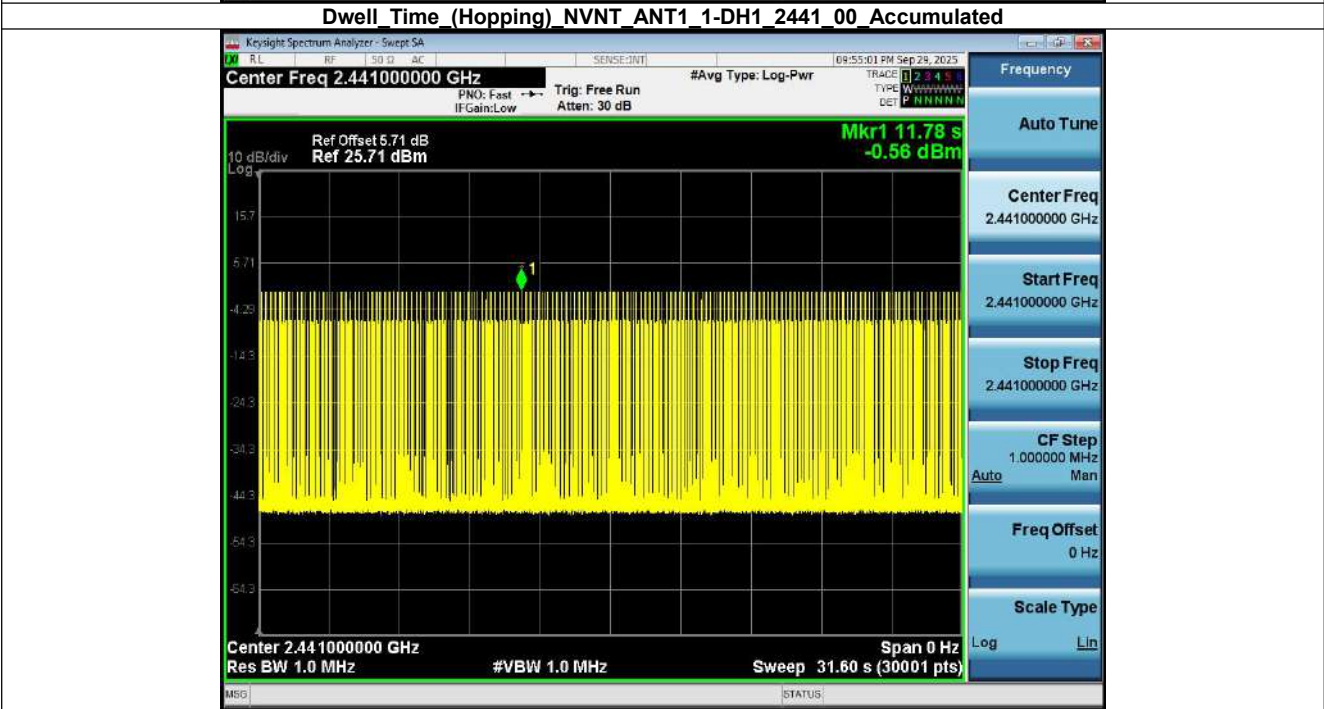
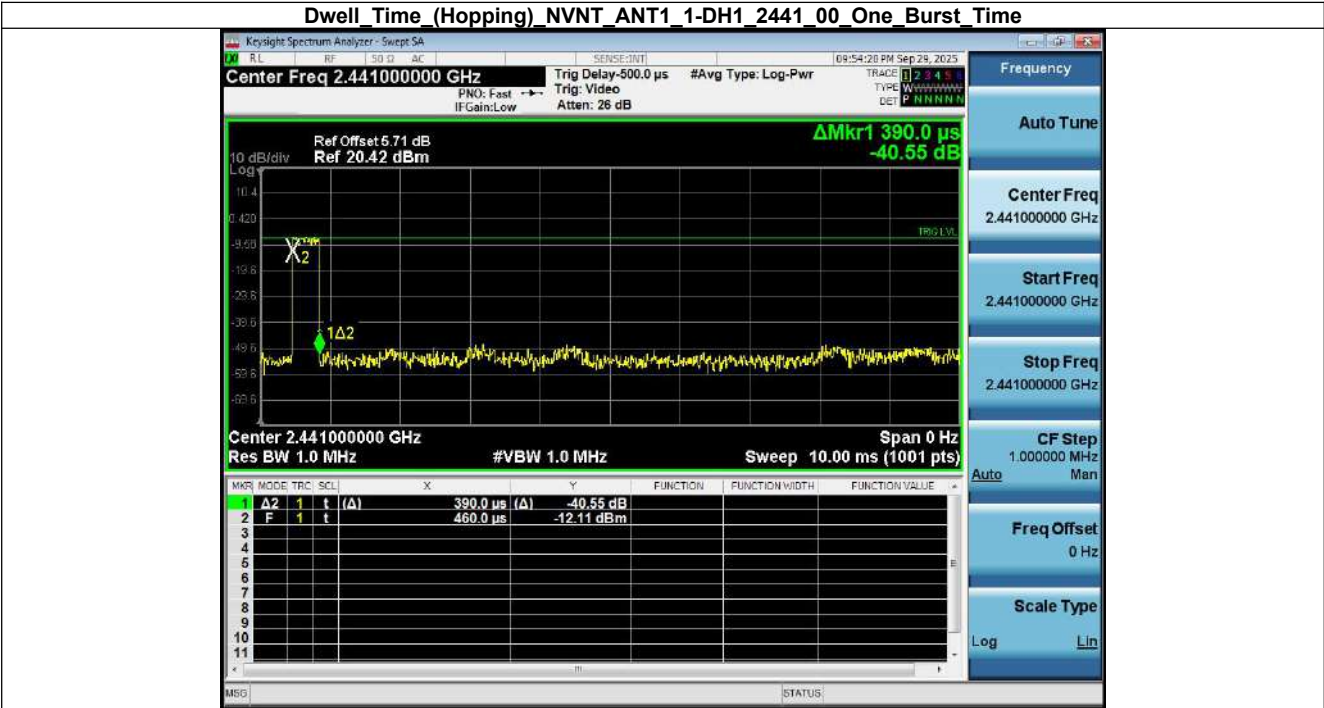


Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping

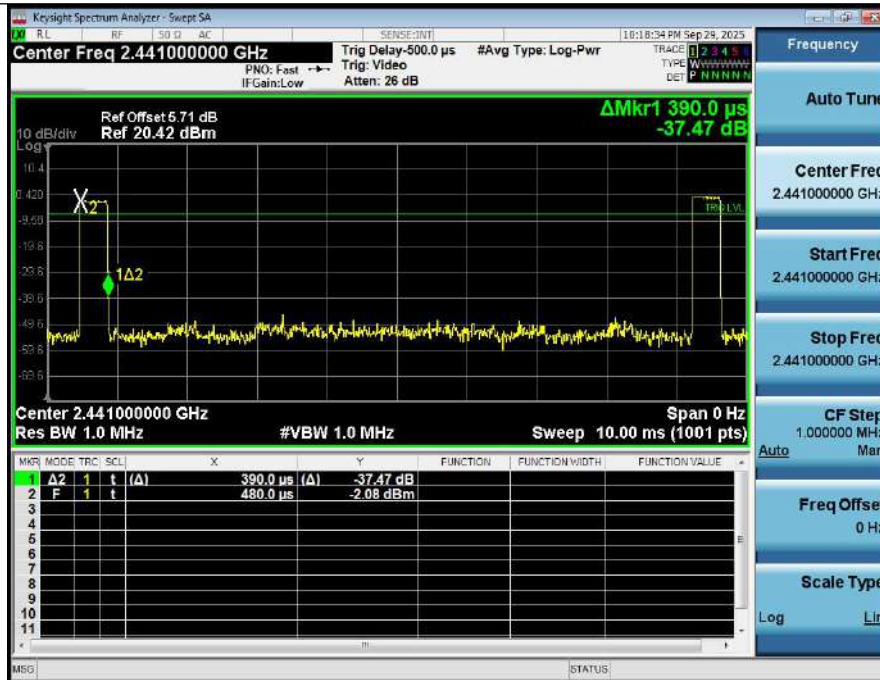


9. Dwell Time (Hopping)

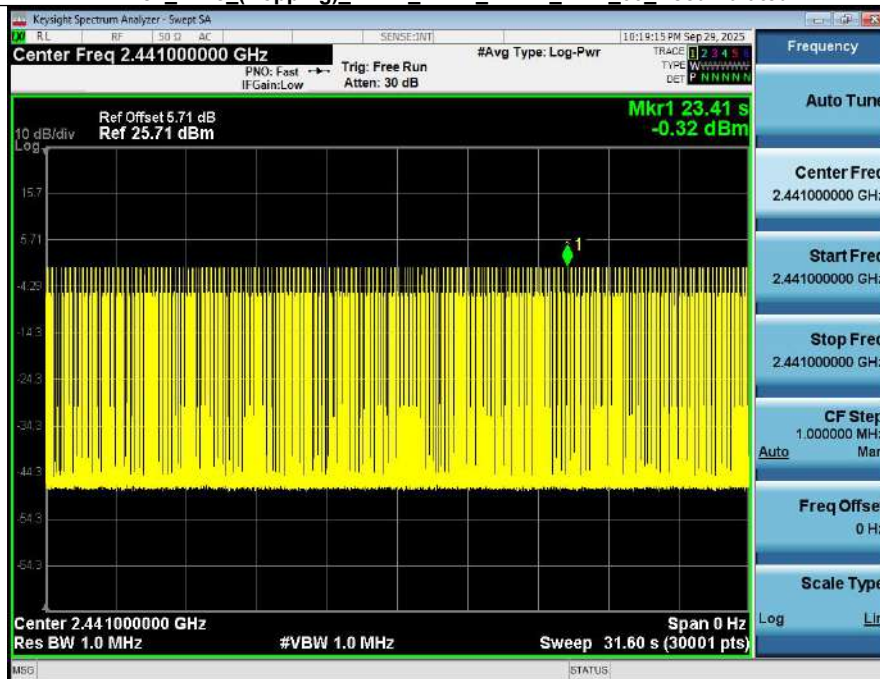
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	2-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	160.00	264.000	0.40	Pass
NVNT	ANT1	1-DH5	2.890	100.00	289.000	0.40	Pass
NVNT	ANT1	2-DH3	1.650	169.00	278.850	0.40	Pass
NVNT	ANT1	2-DH5	2.900	121.00	350.900	0.40	Pass
NVNT	ANT1	3-DH3	1.650	163.00	268.950	0.40	Pass
NVNT	ANT1	3-DH5	2.900	105.00	304.500	0.40	Pass



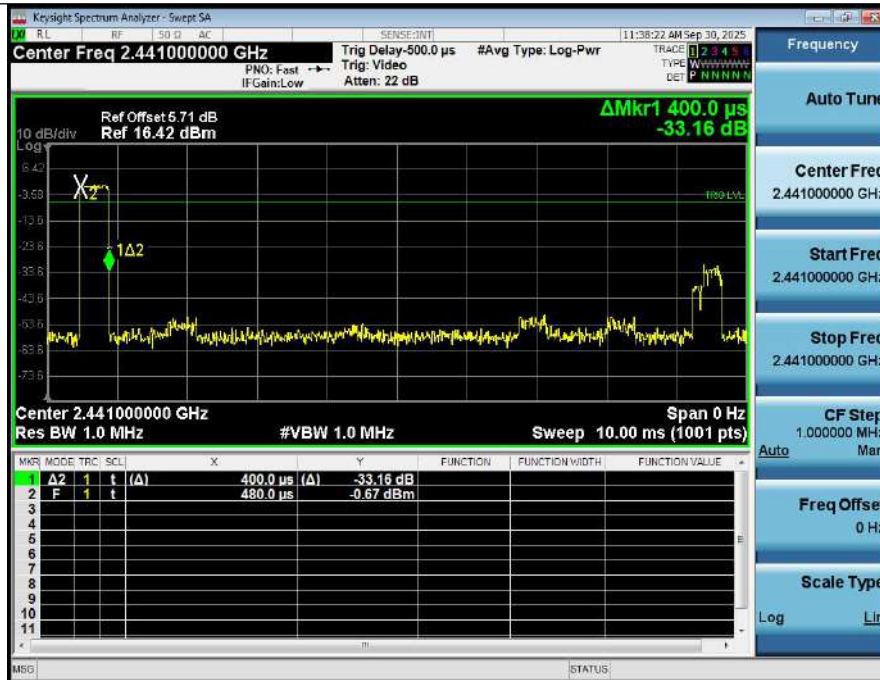
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



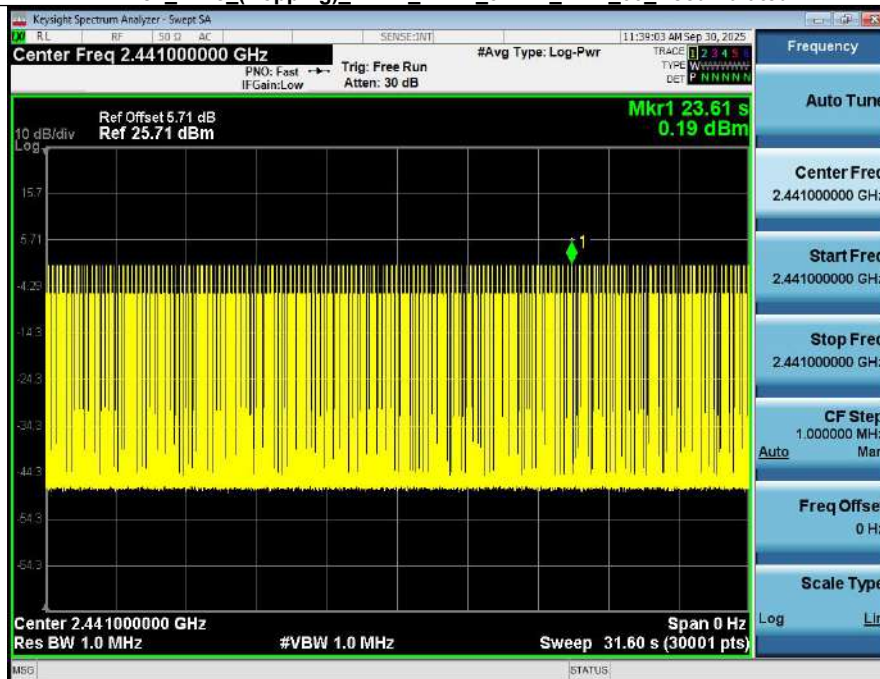
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



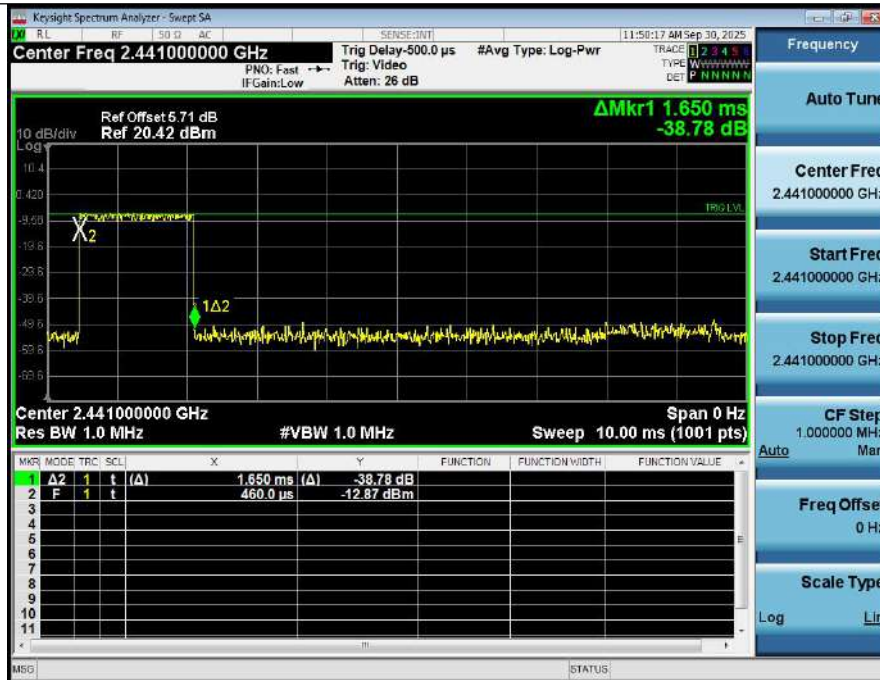
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



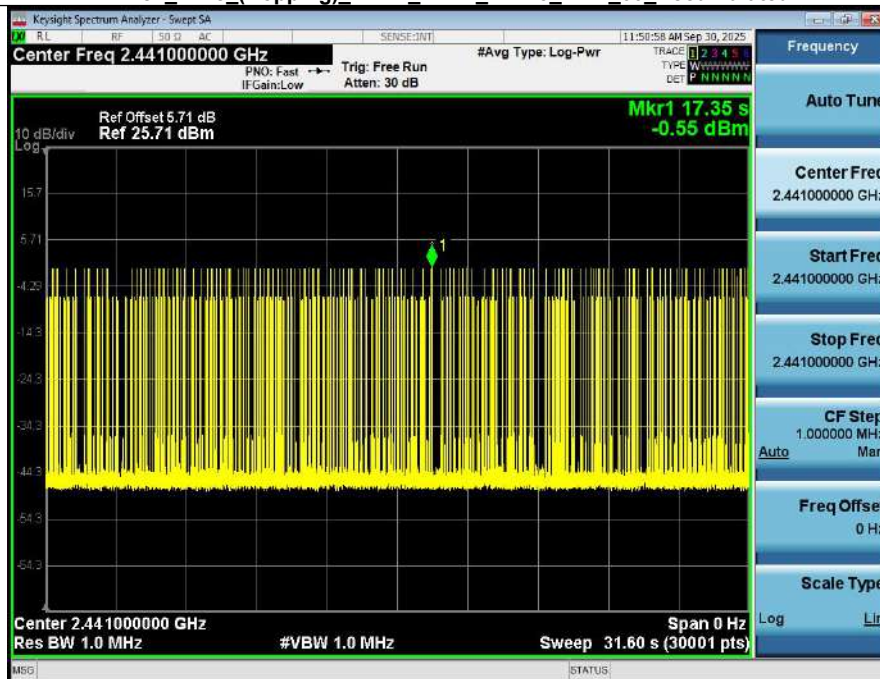
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



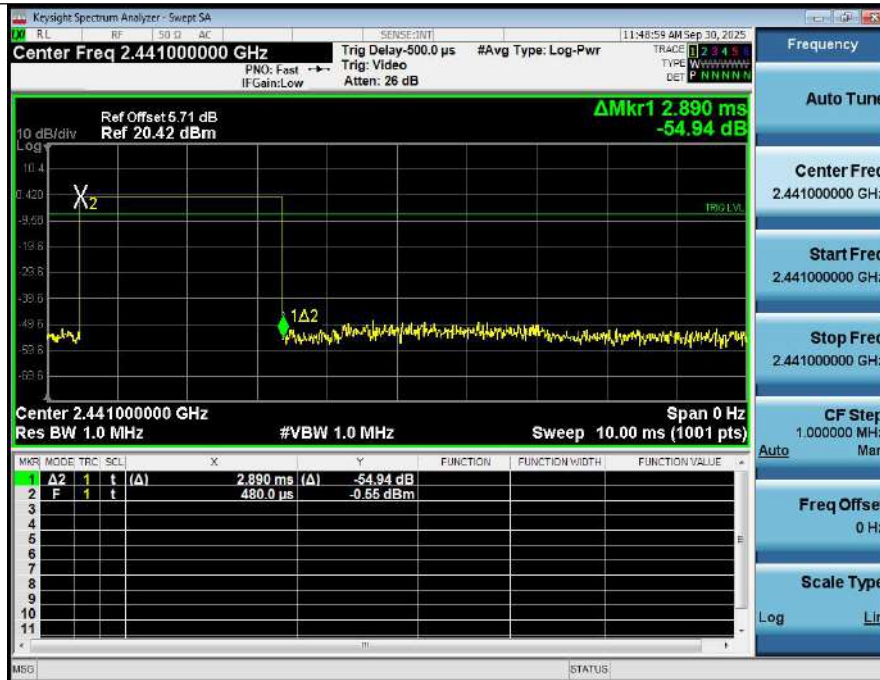
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



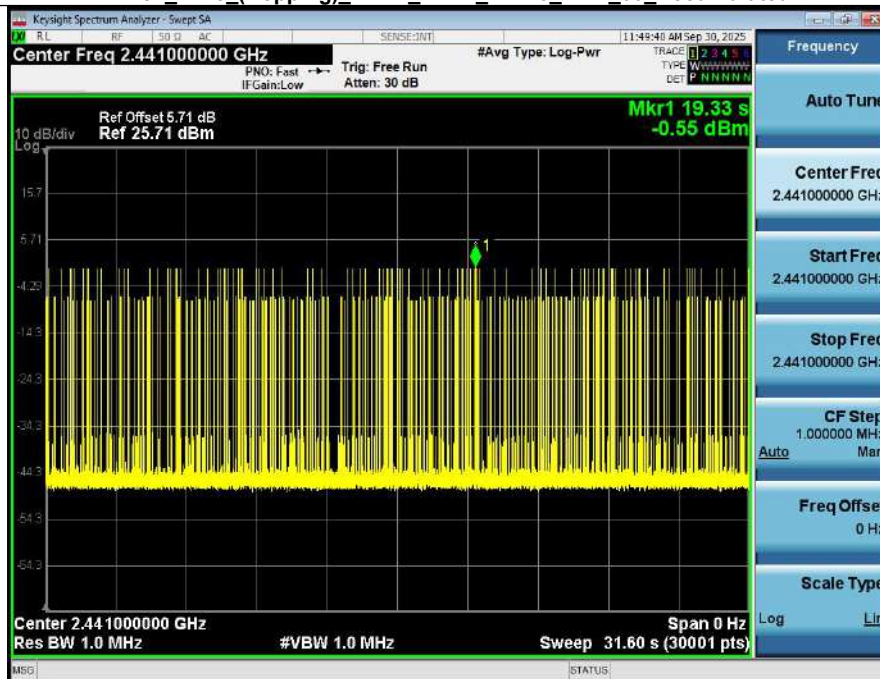
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



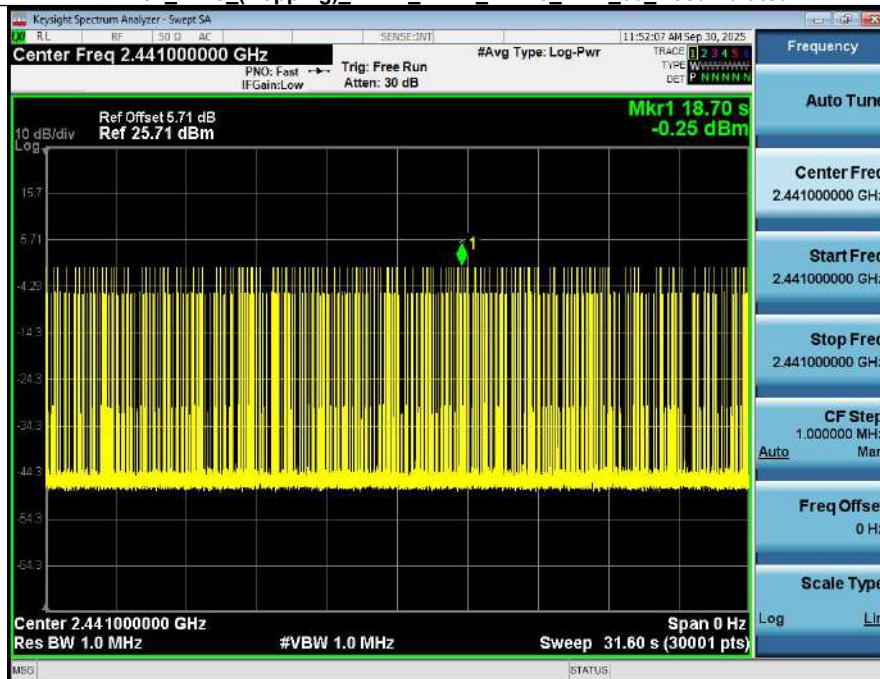
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



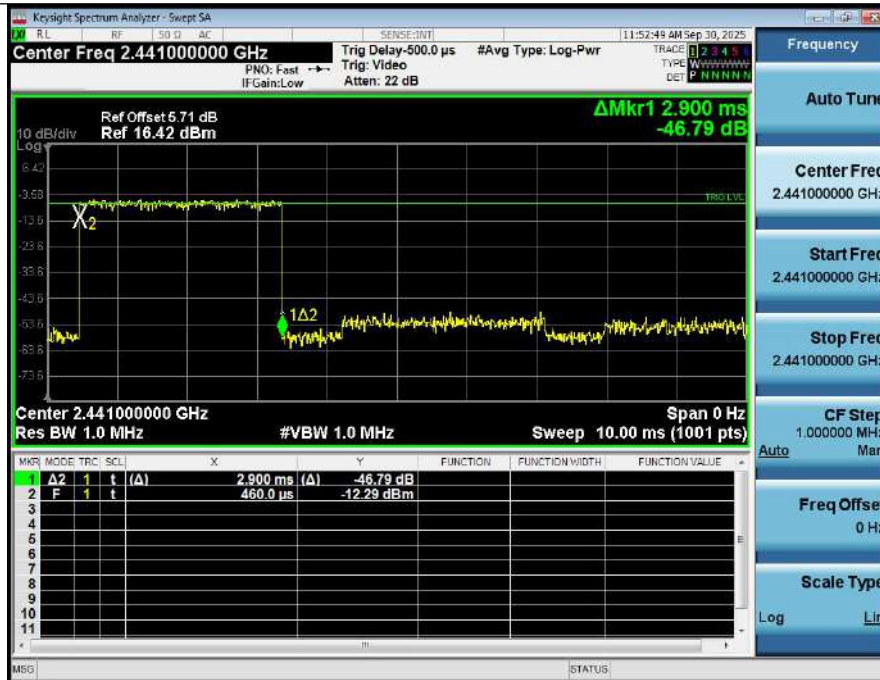
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



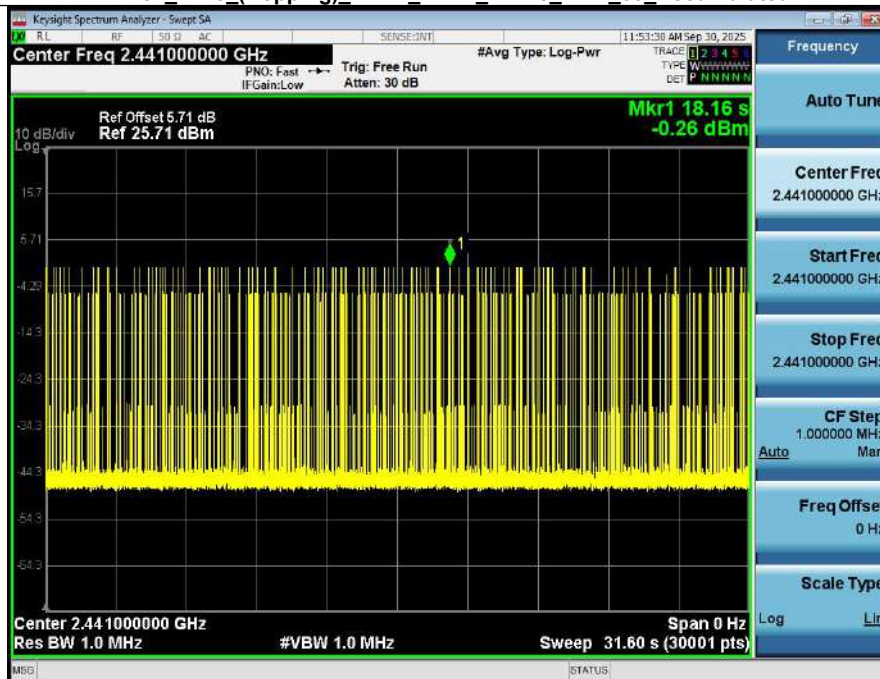
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



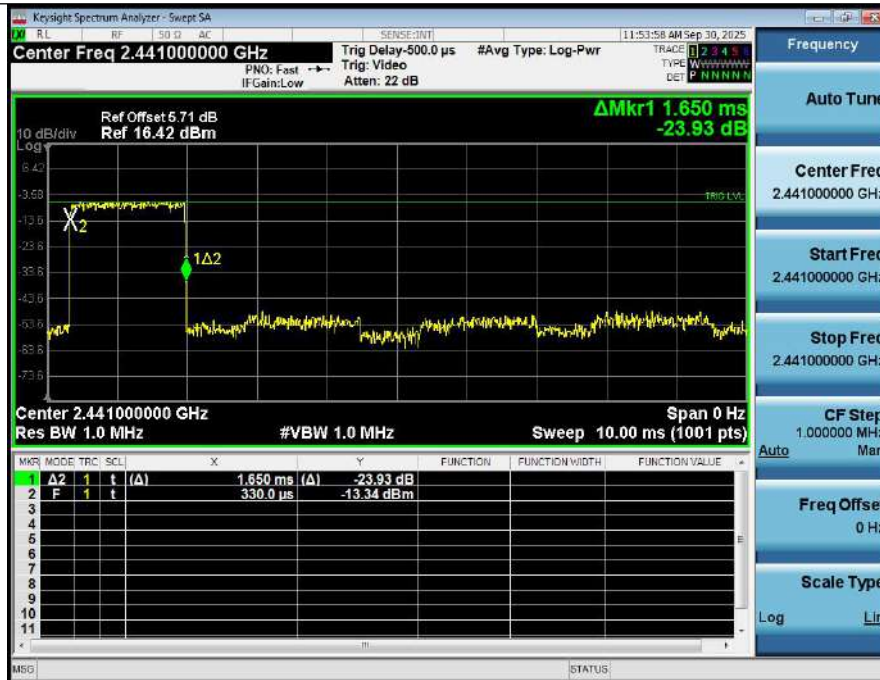
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



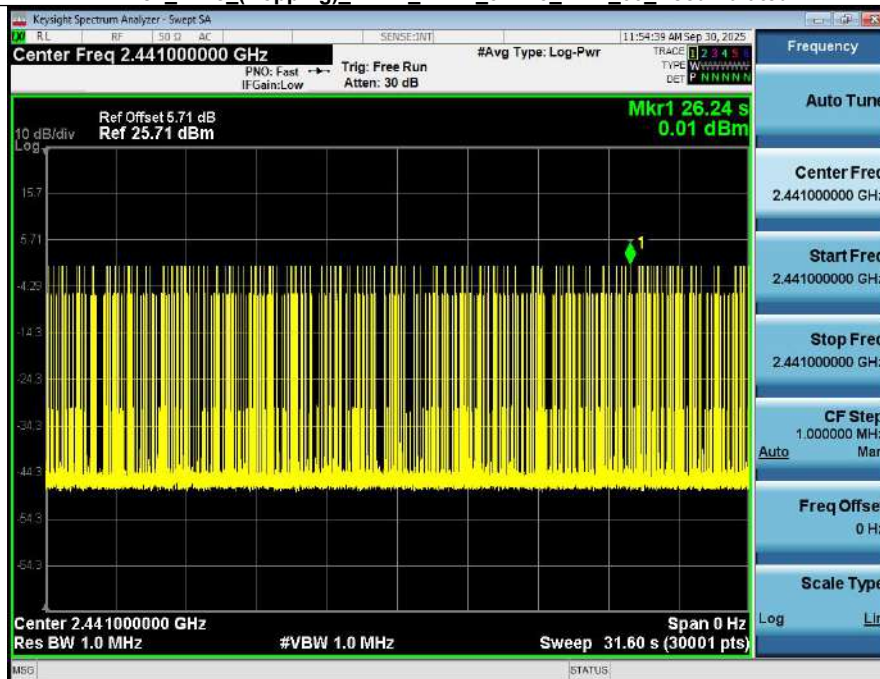
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

