

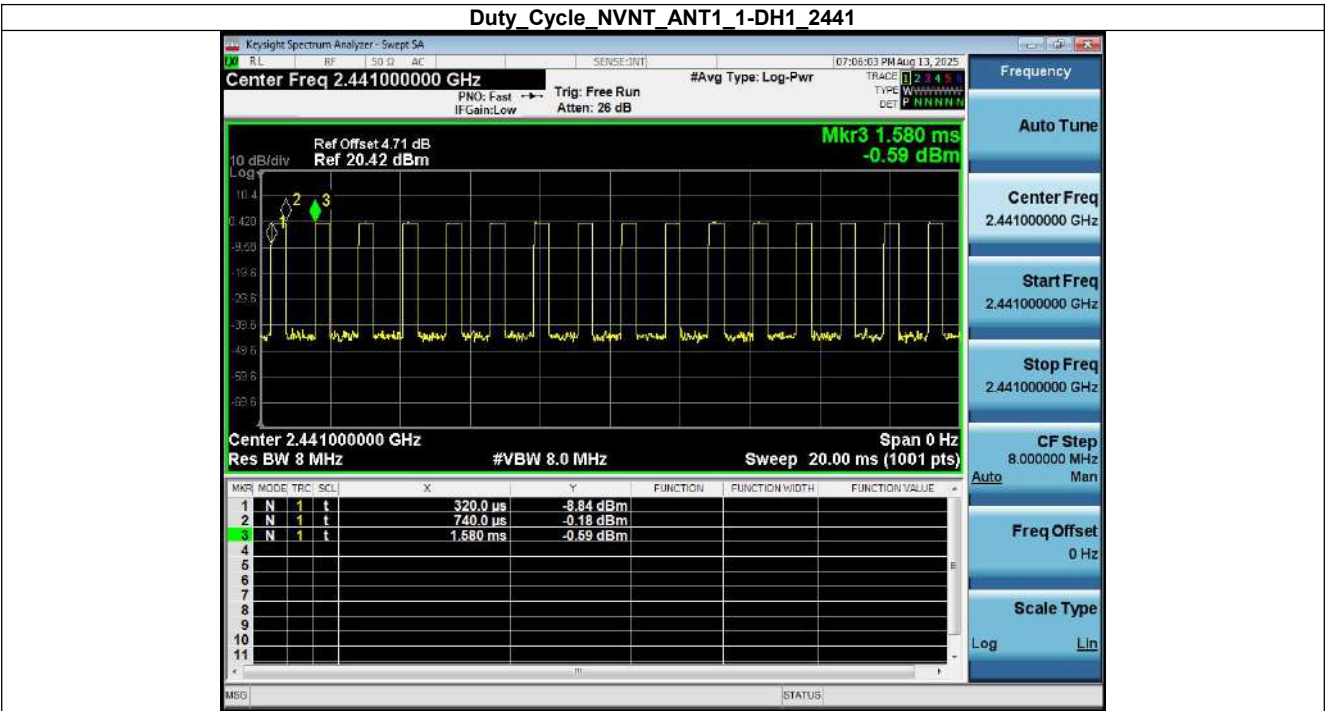
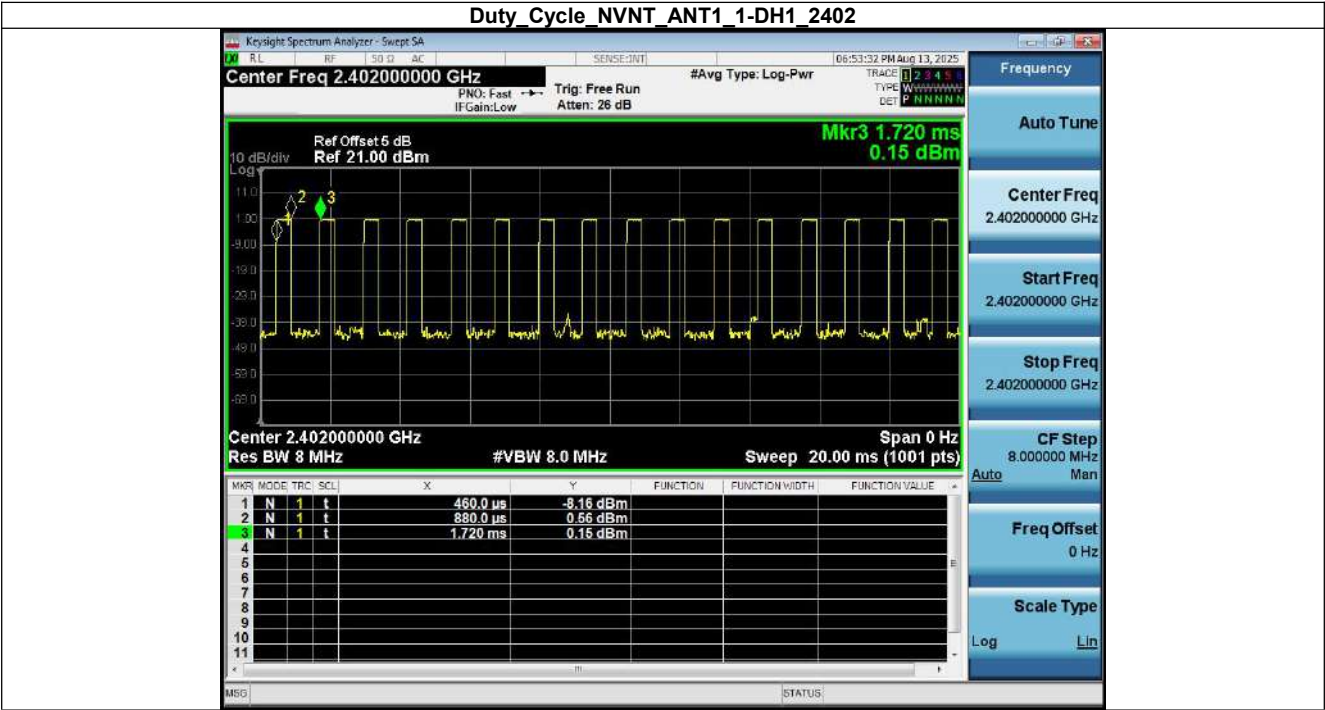
Report No.: NCT25033275E1-1
FCC ID:2BHRA-FL30RGBW
FCC ID EDR
FCC_BT (Part15.247) Test Data

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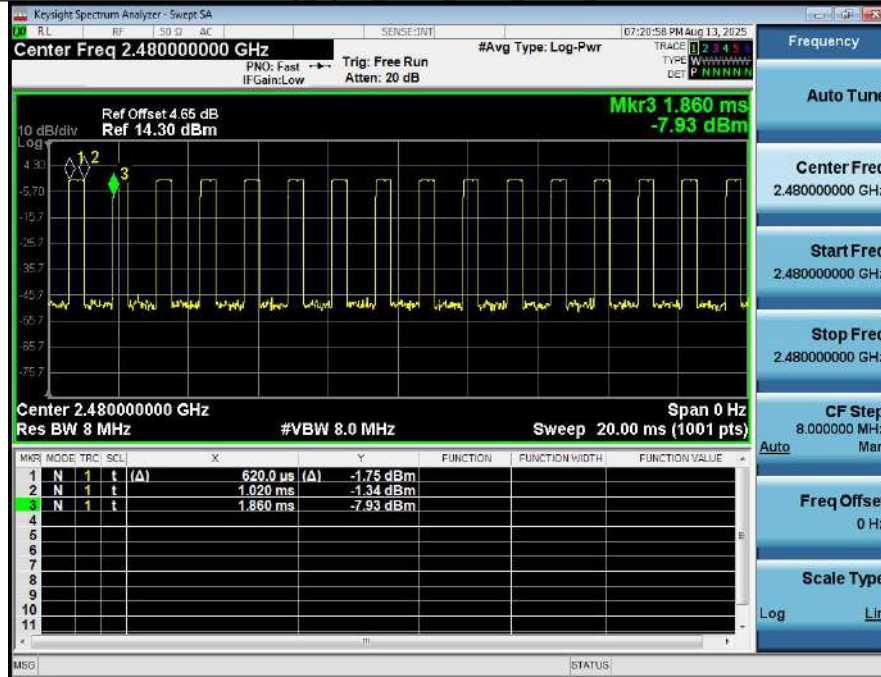
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1. Duty Cycle

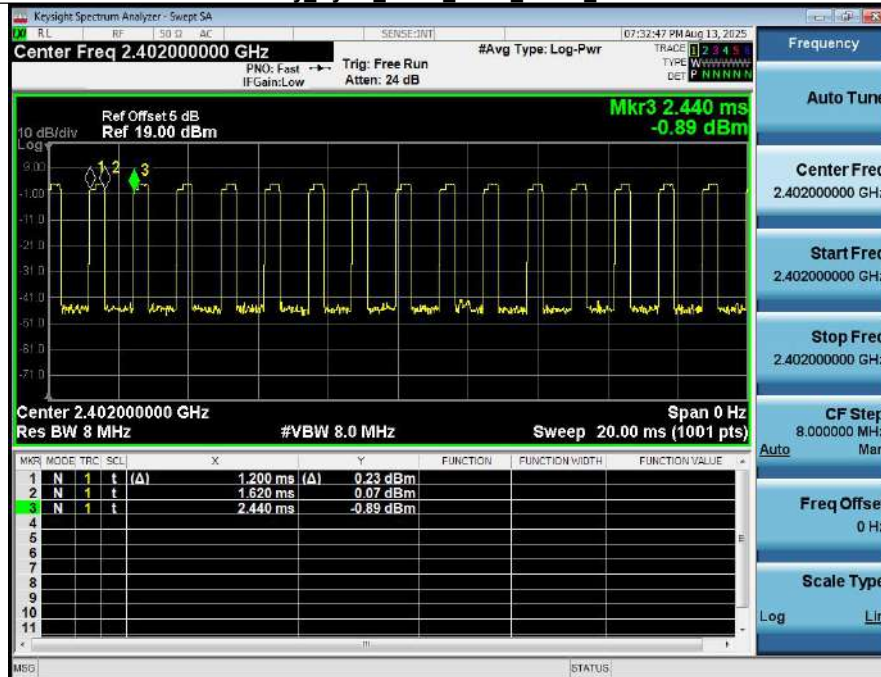
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	33.33	4.77
NVNT	ANT1	1-DH1	2441.00	33.33	4.77
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	35.48	4.50
NVNT	ANT1	2-DH1	2441.00	33.33	4.77
NVNT	ANT1	2-DH1	2480.00	35.48	4.50
NVNT	ANT1	3-DH1	2402.00	35.48	4.50
NVNT	ANT1	3-DH1	2441.00	33.33	4.77
NVNT	ANT1	3-DH1	2480.00	34.92	4.57



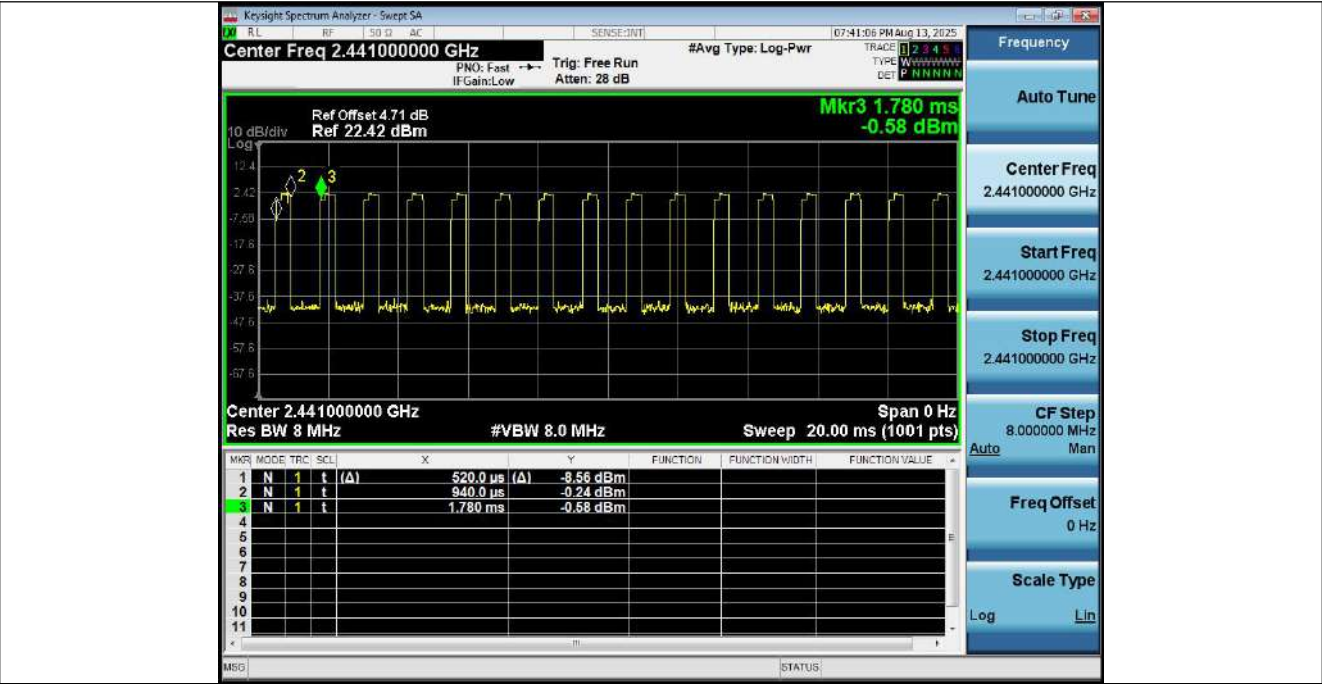
Duty Cycle_NVNT_ANT1_1-DH1_2480



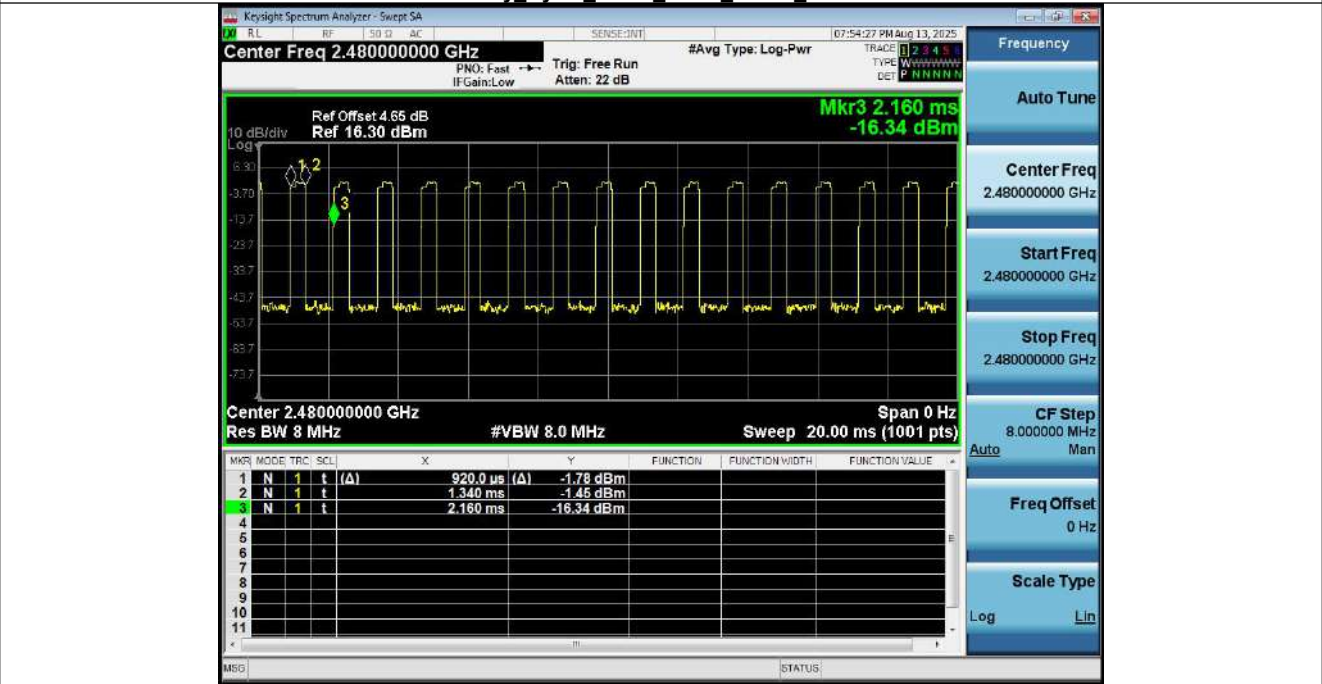
Duty Cycle_NVNT_ANT1_2-DH1_2402



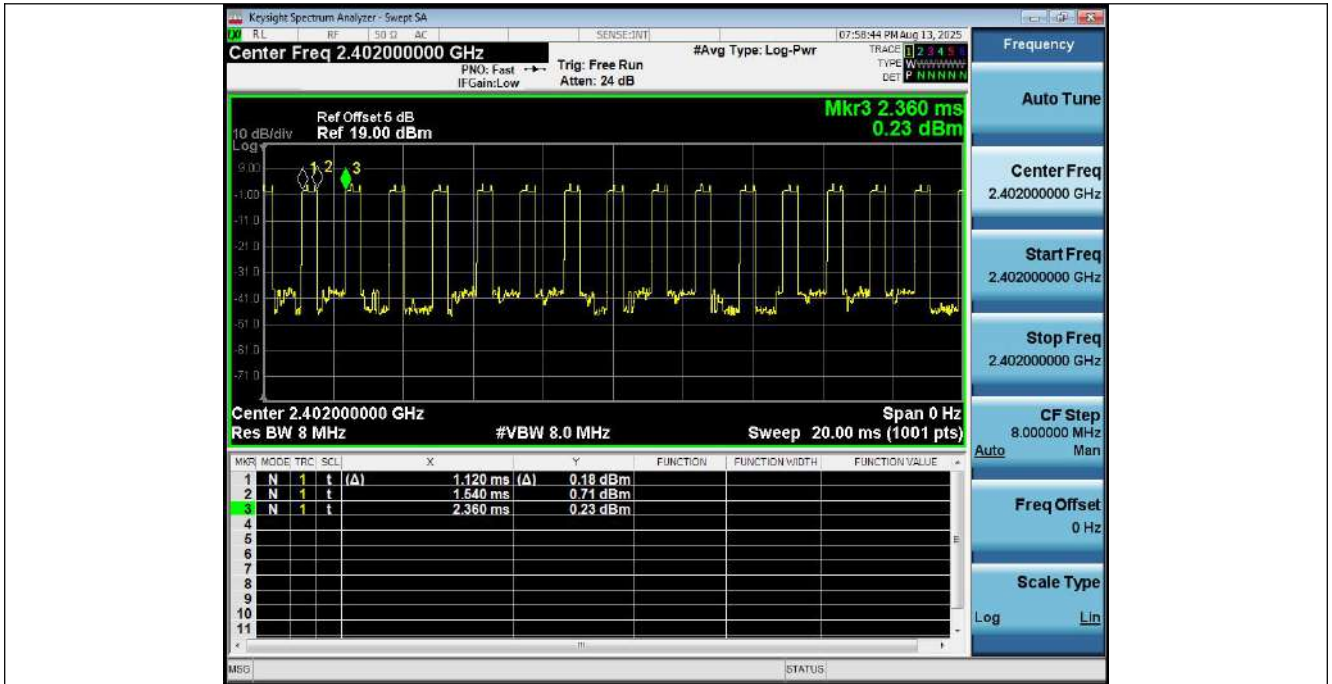
Duty Cycle_NVNT_ANT1_2-DH1_2441



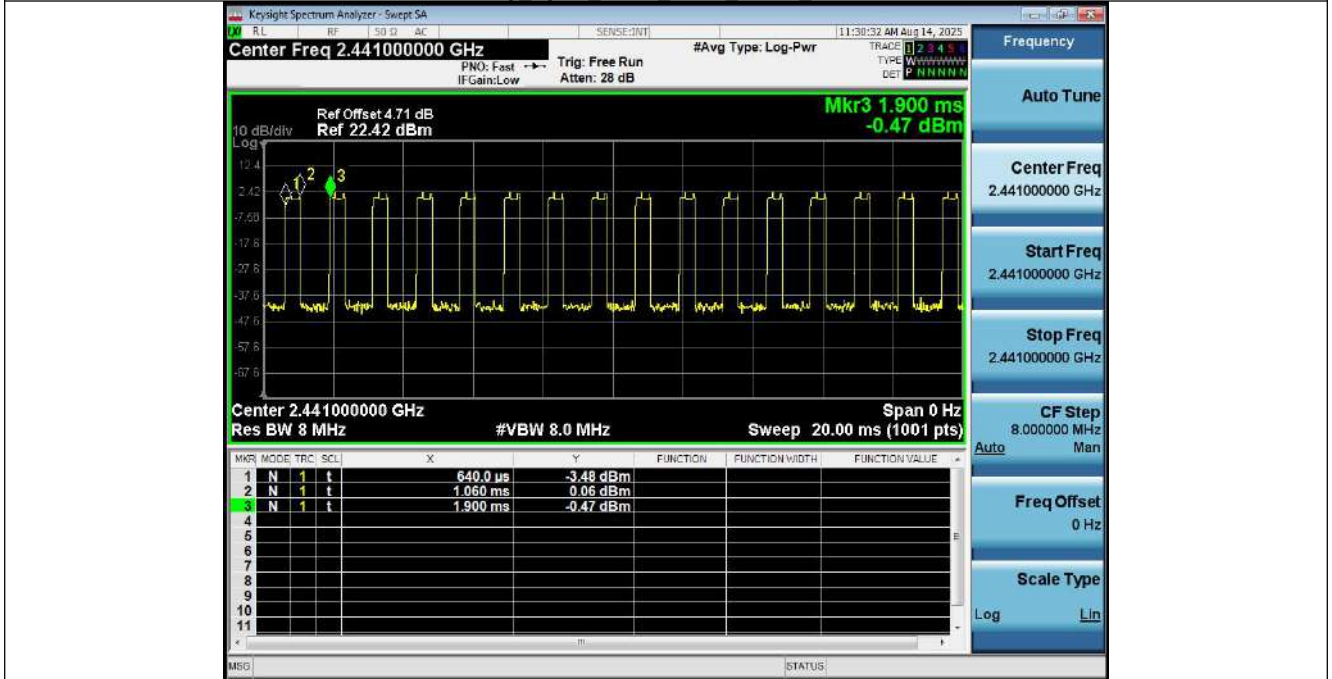
Duty Cycle_NVNT_ANT1 2-DH1_2480



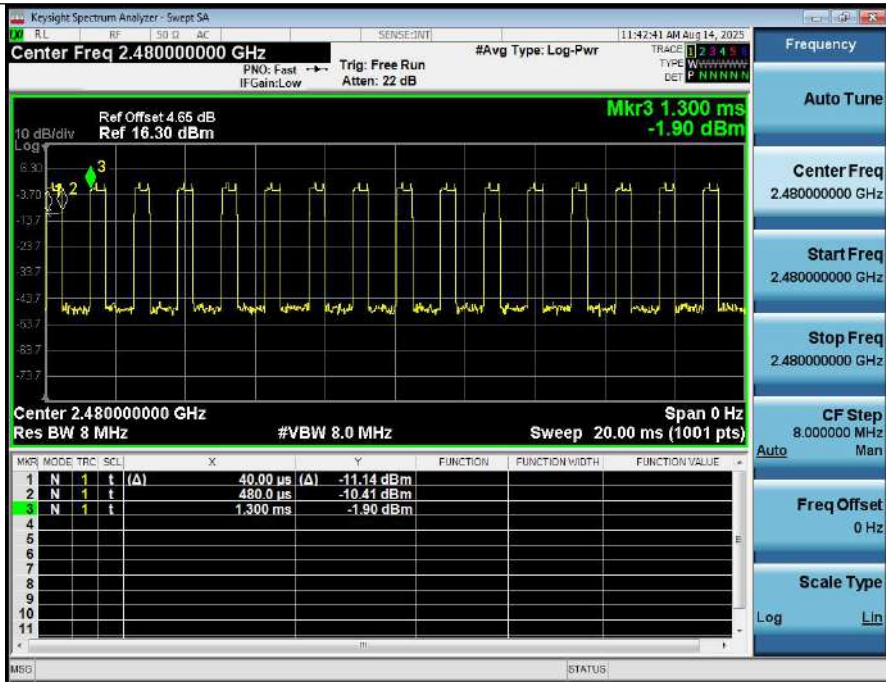
Duty Cycle_NVNT_ANT1 3-DH1_2402



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	0.858	No
NVNT	ANT1	1-DH1	2441.00	0.862	No
NVNT	ANT1	1-DH1	2480.00	0.859	No
NVNT	ANT1	2-DH1	2402.00	1.263	Yes
NVNT	ANT1	2-DH1	2441.00	1.266	Yes
NVNT	ANT1	2-DH1	2480.00	1.263	Yes
NVNT	ANT1	3-DH1	2402.00	1.162	Yes
NVNT	ANT1	3-DH1	2441.00	1.162	Yes
NVNT	ANT1	3-DH1	2480.00	1.161	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

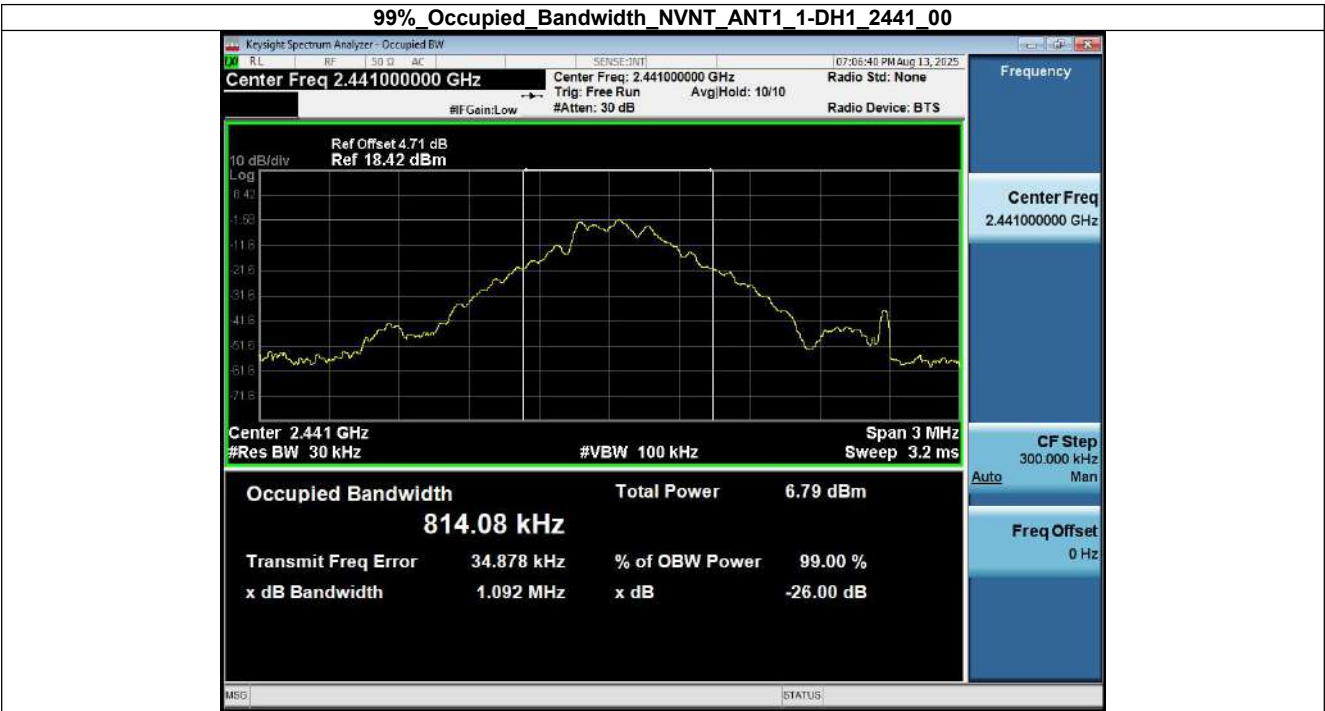


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.813
NVNT	ANT1	1-DH1	2441.00	0.814
NVNT	ANT1	1-DH1	2480.00	0.813
NVNT	ANT1	2-DH1	2402.00	1.160
NVNT	ANT1	2-DH1	2441.00	1.161
NVNT	ANT1	2-DH1	2480.00	1.160
NVNT	ANT1	3-DH1	2402.00	1.107
NVNT	ANT1	3-DH1	2441.00	1.106
NVNT	ANT1	3-DH1	2480.00	1.107



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

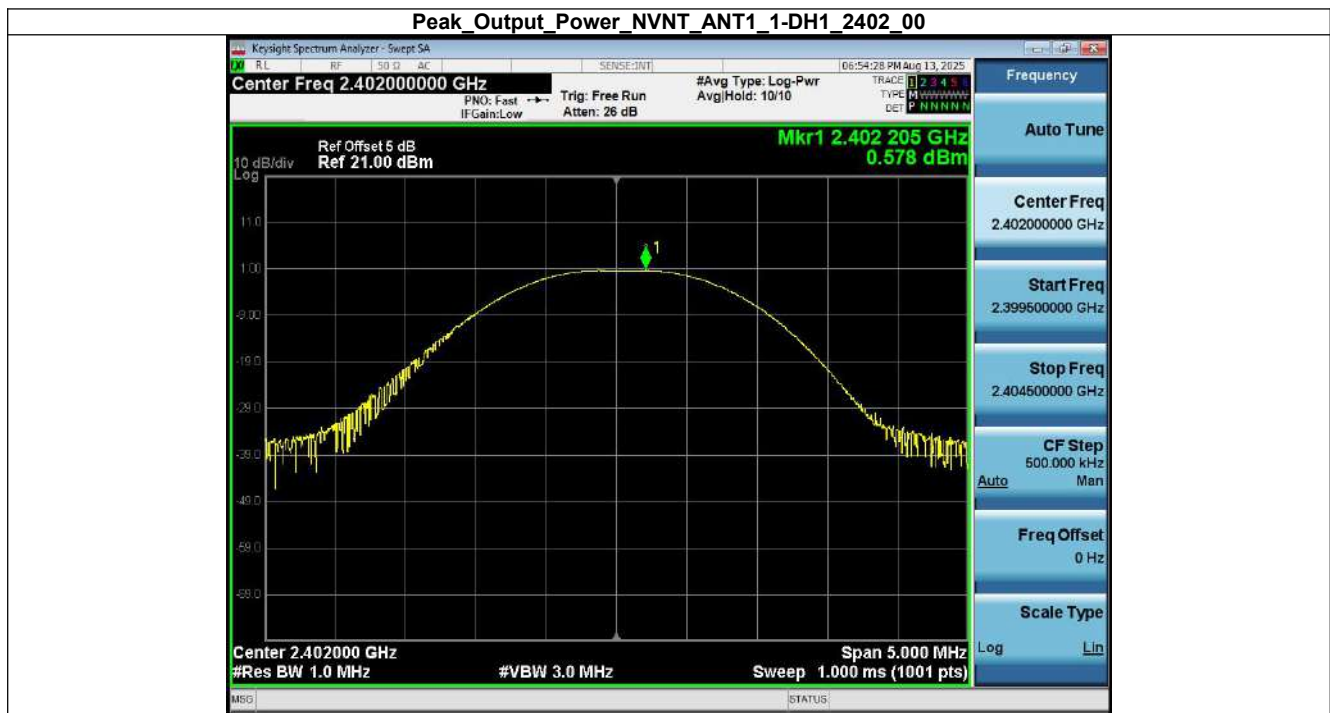


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



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	0.58	1.14	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.11	0.98	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.33	0.74	1000	Pass
NVNT	ANT1	2-DH1	2402.00	2.87	1.94	125	Pass
NVNT	ANT1	2-DH1	2441.00	2.07	1.61	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.94	1.24	125	Pass
NVNT	ANT1	3-DH1	2402.00	2.69	1.86	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.97	1.57	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.69	1.17	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



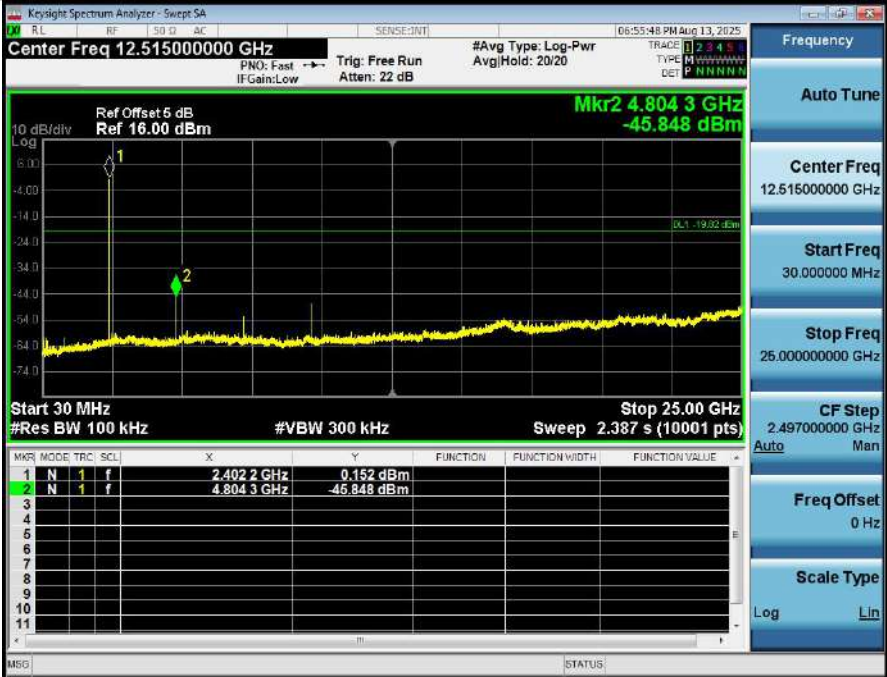
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.183	-45.848	-19.817	Pass
NVNT	ANT1	1-DH1	2441.00	-0.444	-50.003	-20.444	Pass
NVNT	ANT1	1-DH1	2480.00	-1.712	-51.056	-21.712	Pass
NVNT	ANT1	2-DH1	2402.00	0.196	-44.412	-19.804	Pass
NVNT	ANT1	2-DH1	2441.00	-0.609	-44.904	-20.609	Pass
NVNT	ANT1	2-DH1	2480.00	-1.746	-35.471	-21.746	Pass
NVNT	ANT1	3-DH1	2402.00	0.270	-45.773	-19.730	Pass
NVNT	ANT1	3-DH1	2441.00	-0.189	-48.668	-20.189	Pass
NVNT	ANT1	3-DH1	2480.00	-1.438	-37.834	-21.438	Pass

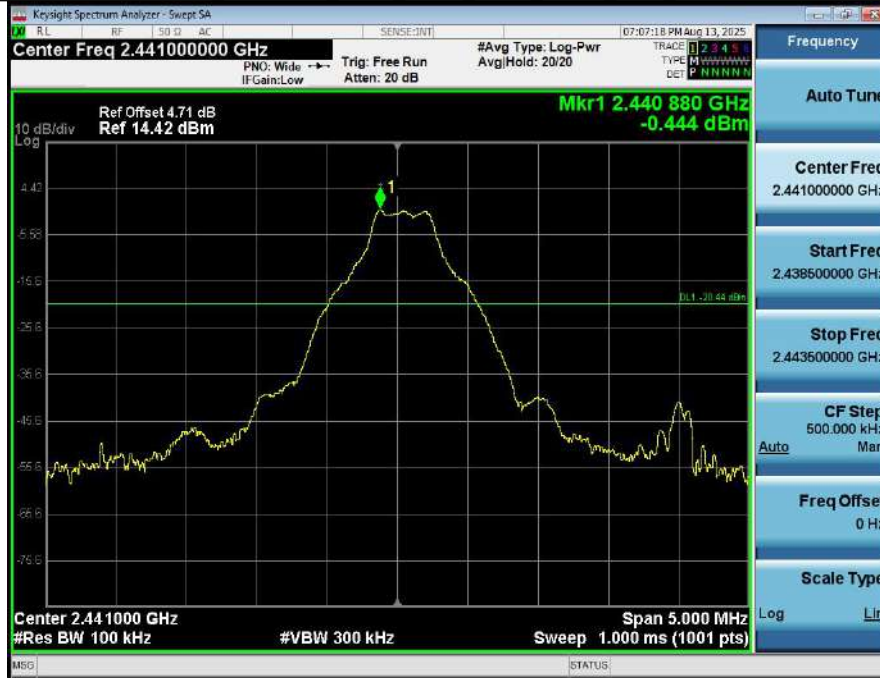
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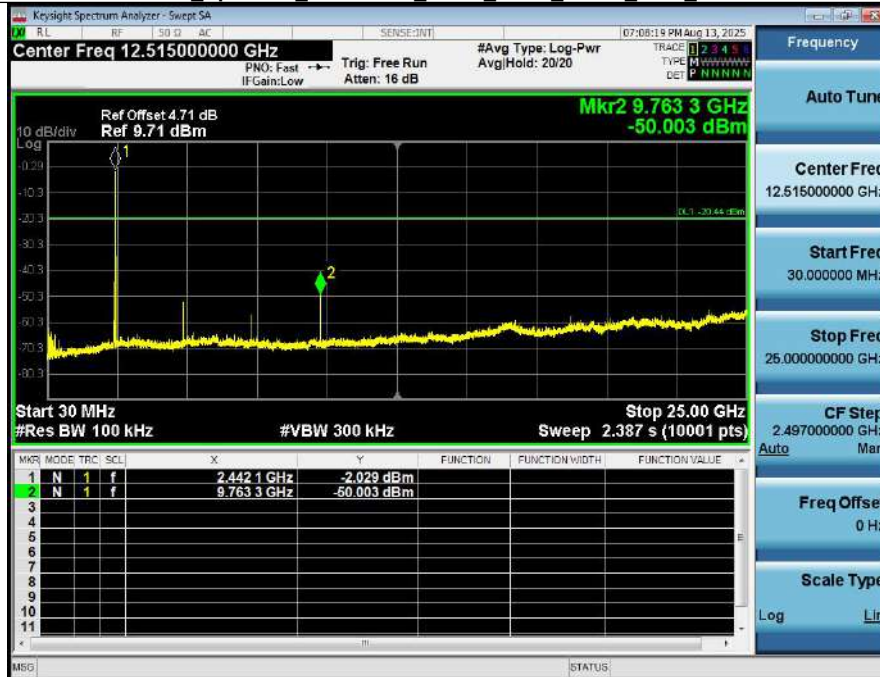
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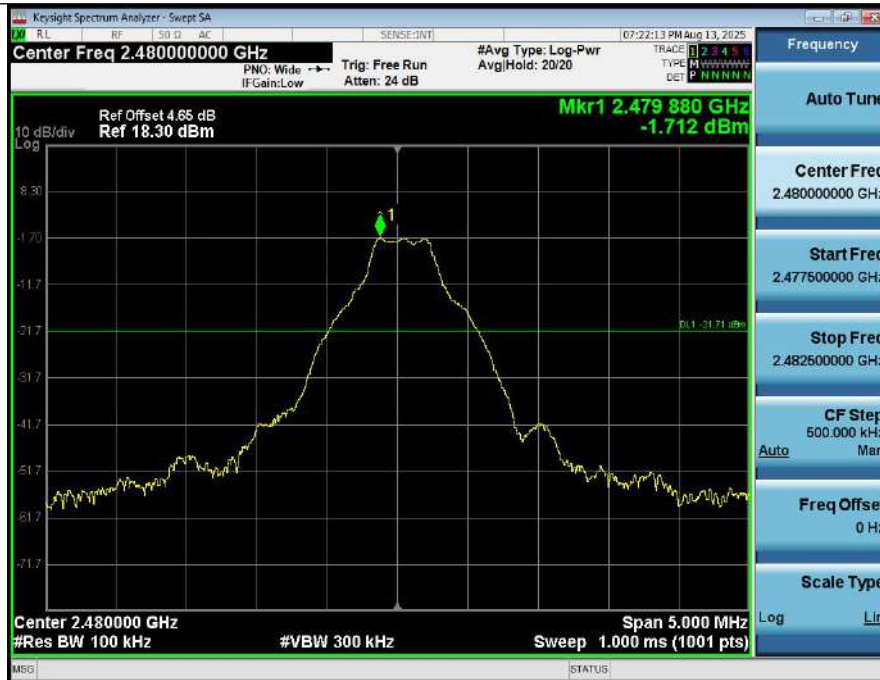
1 Reference Level NVNT ANT1 1-DH1 2441 00



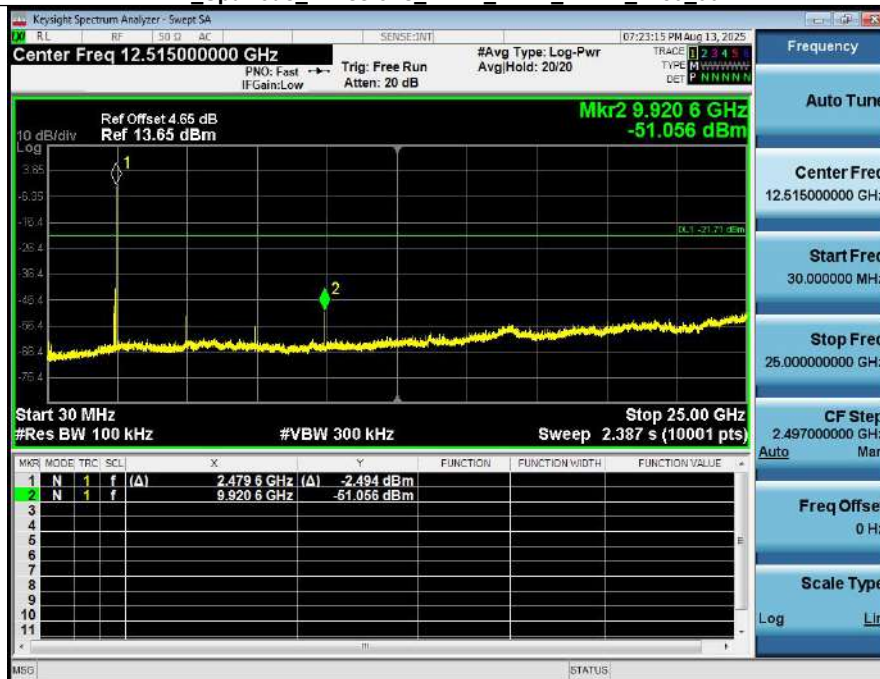
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



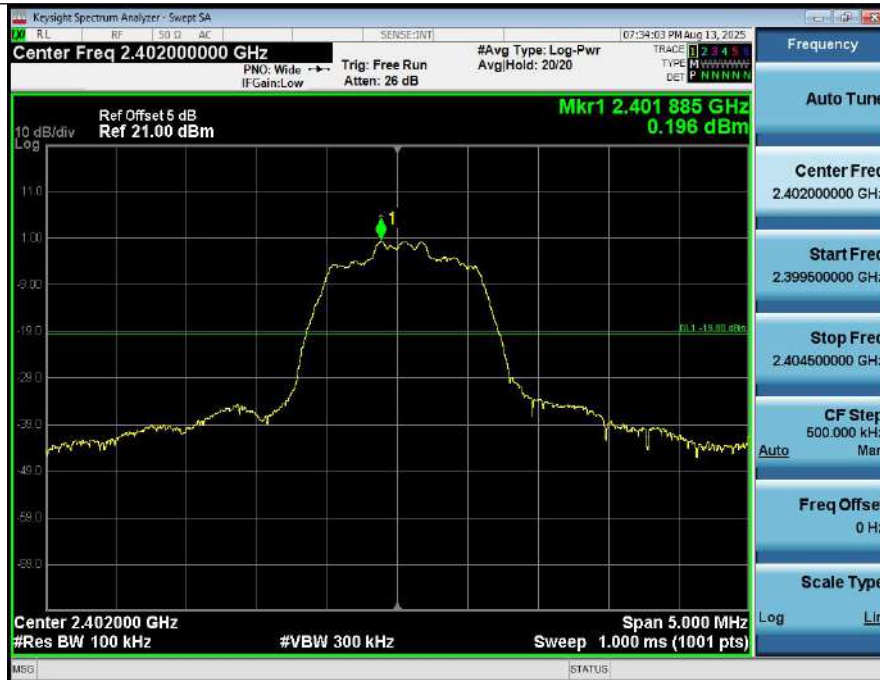
1 Reference Level NVNT ANT1 1-DH1 2480 00



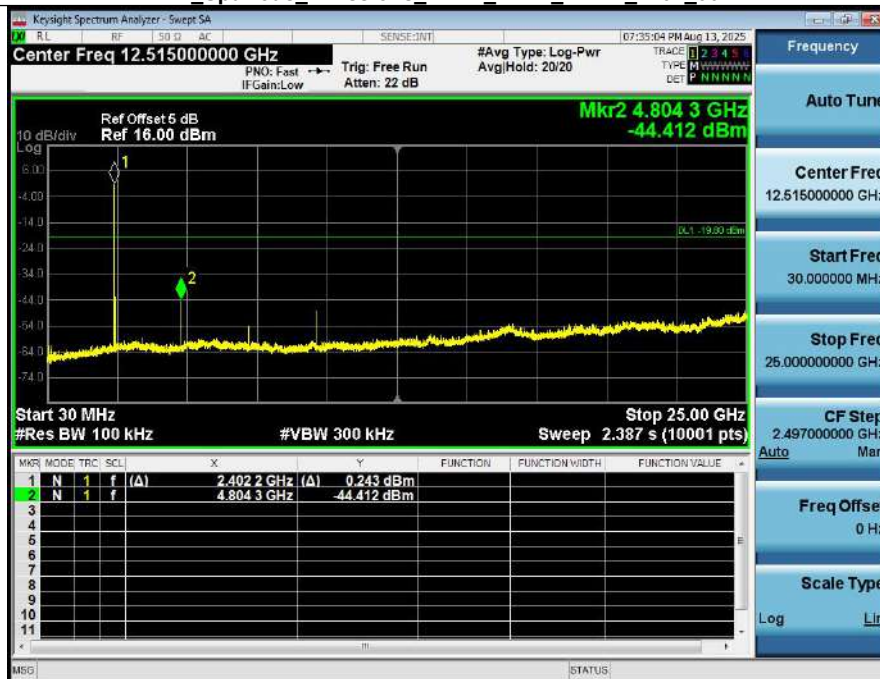
2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00



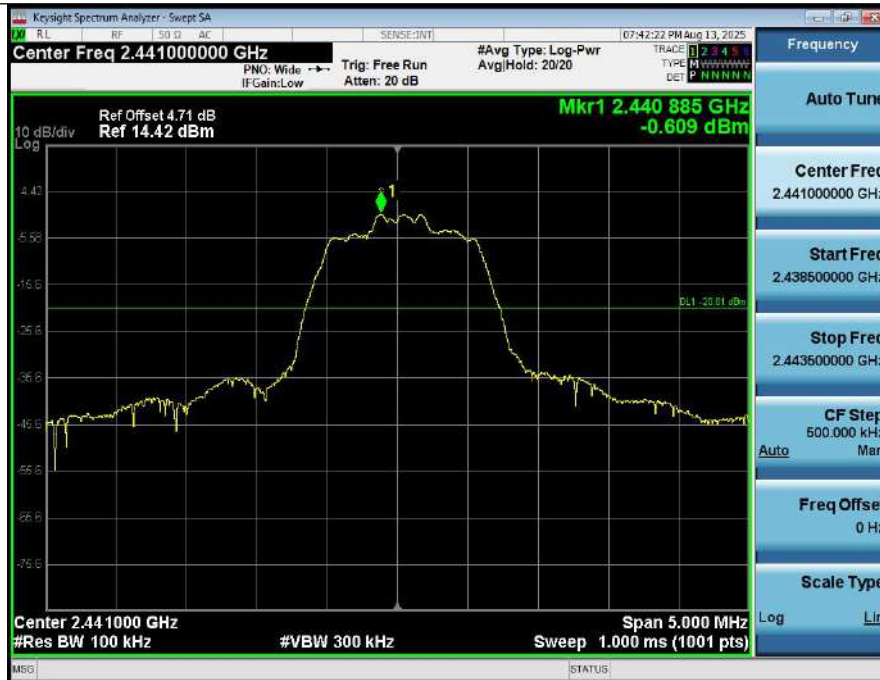
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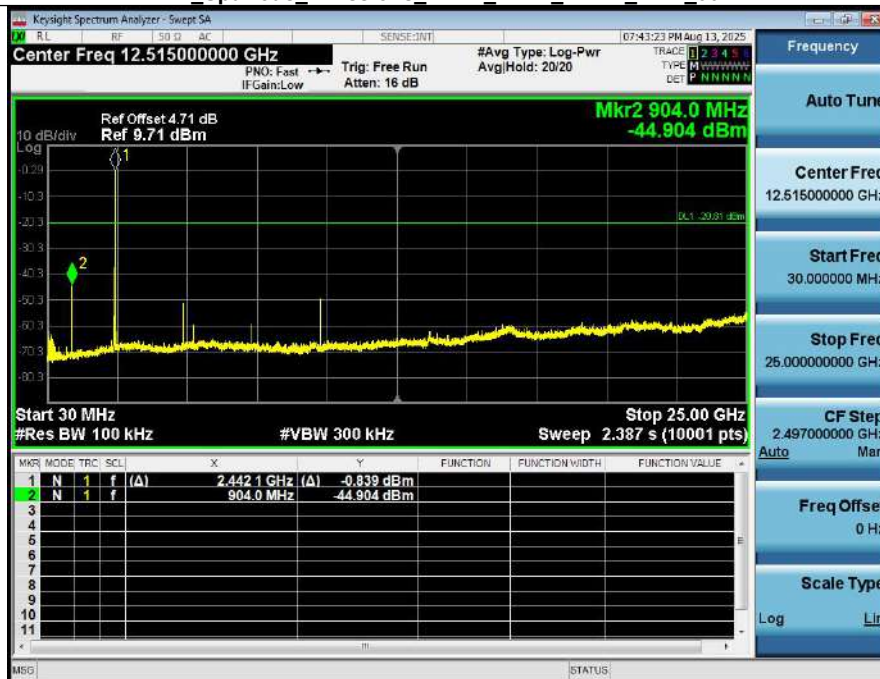
2 Spurious Emissions_NVNT_ANT1_2-DH1_2402_00



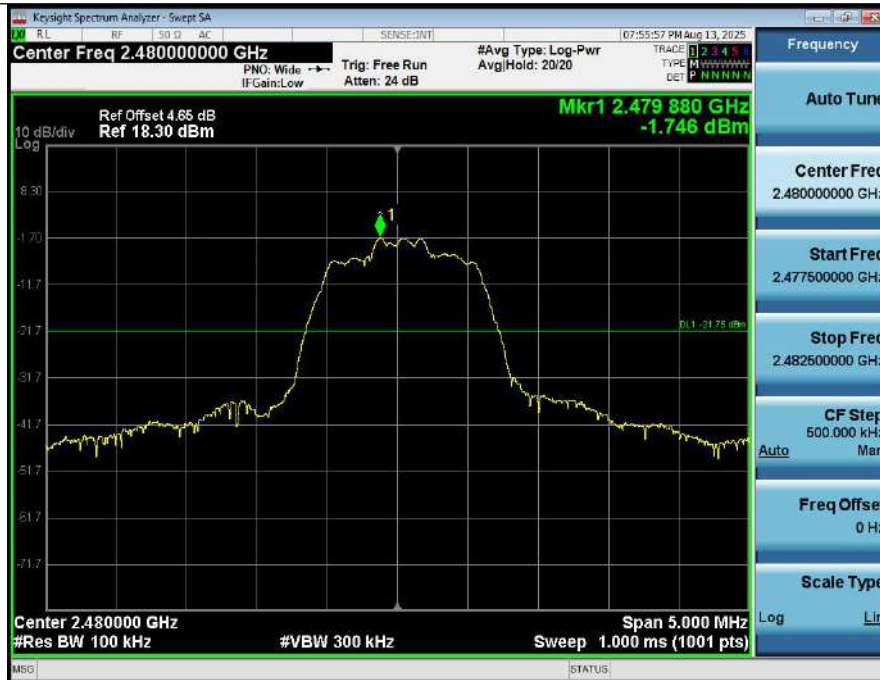
1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



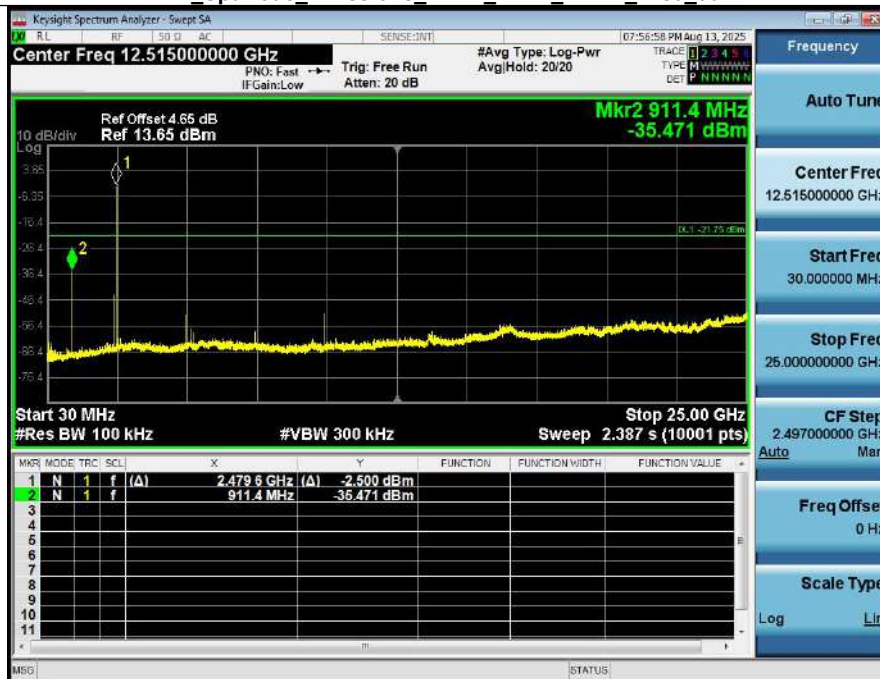
2 Spurious Emissions NVNT_ANT1_2-DH1_2441_00



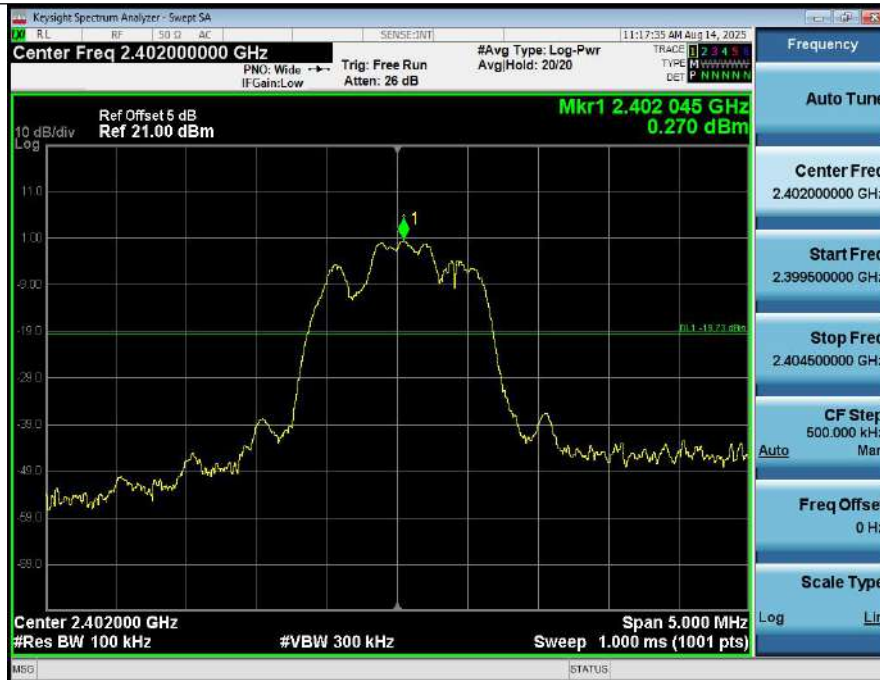
1 Reference Level NVNT_ANT1_2-DH1_2480_00



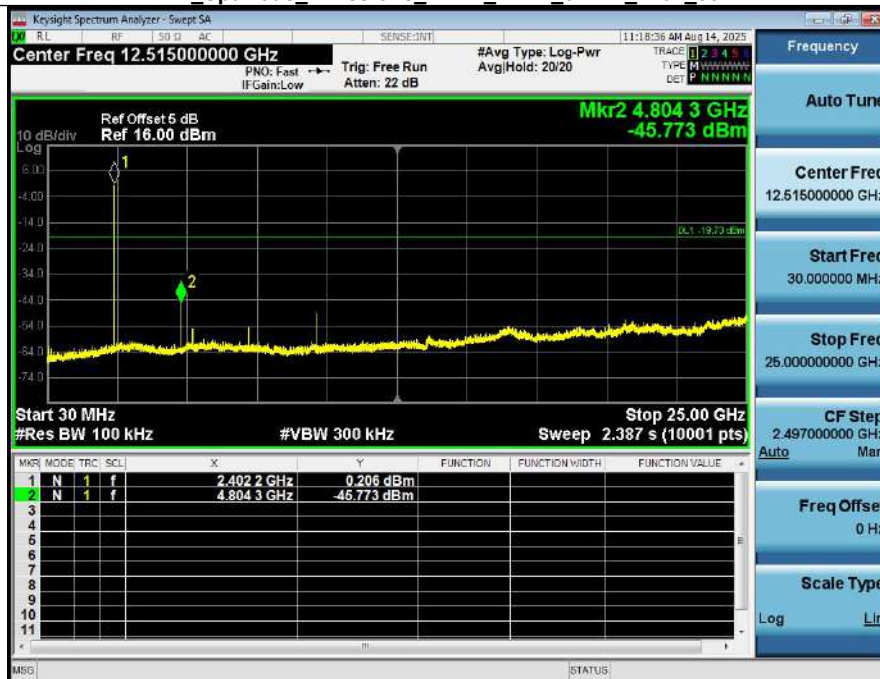
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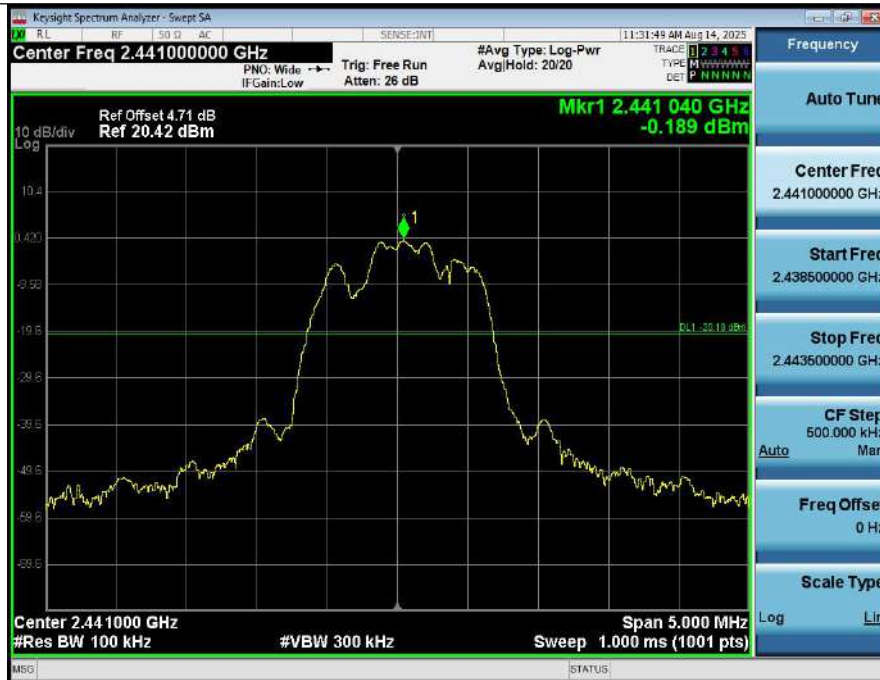
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



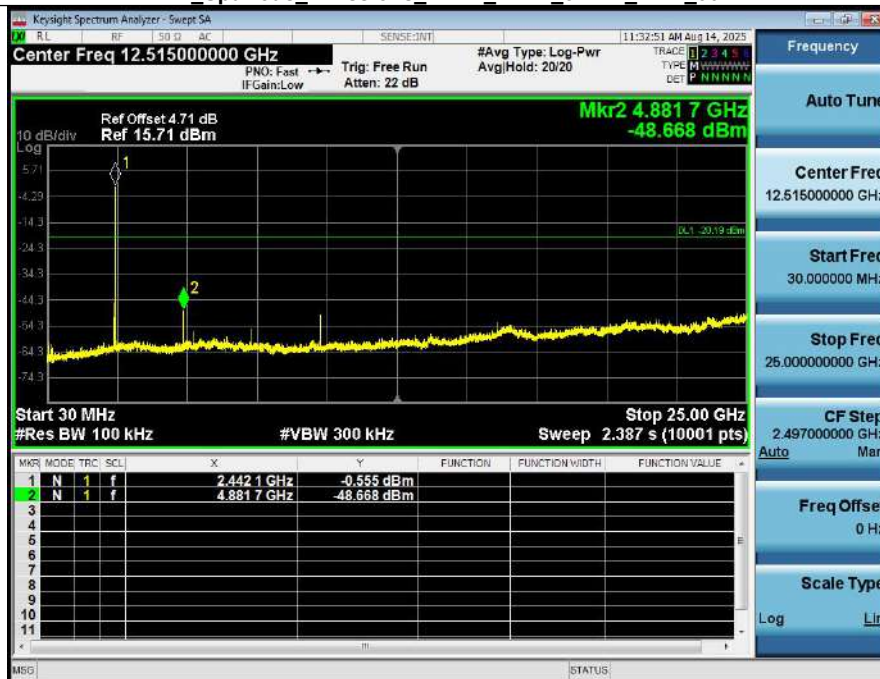
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



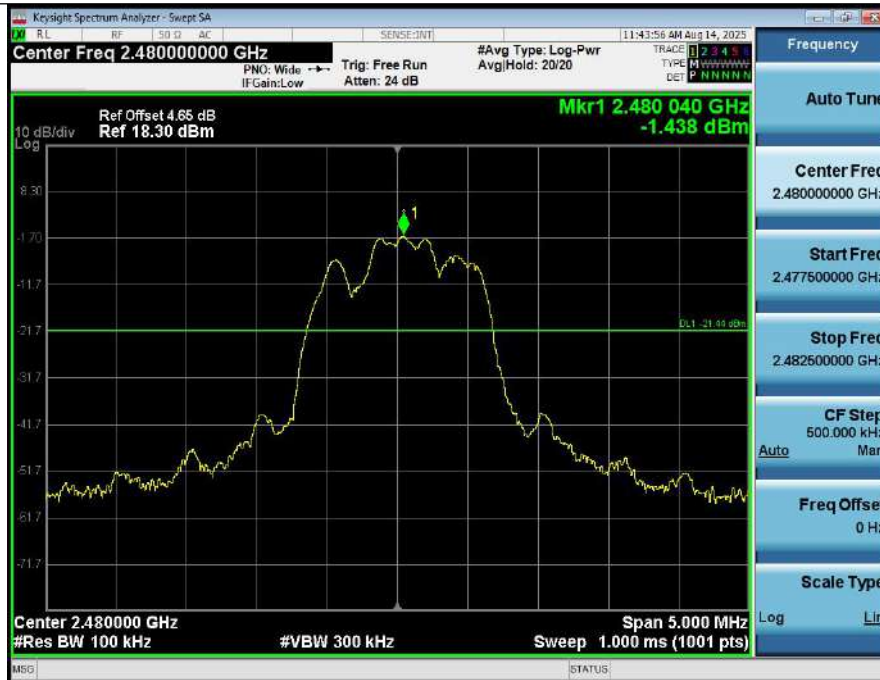
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



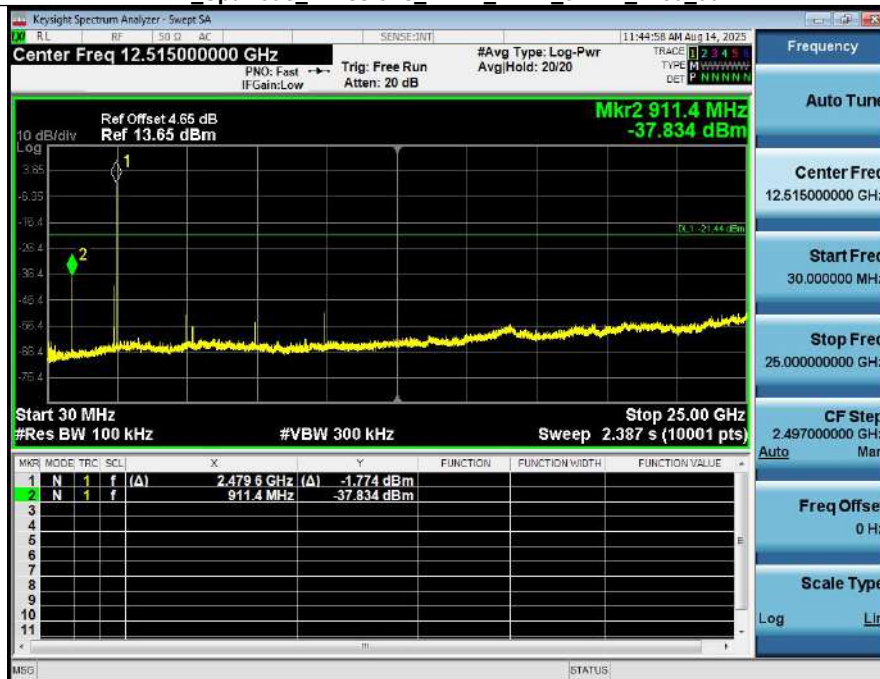
2 Spurious Emissions NVNT_ANT1_3-DH1_2441_00



1 Reference Level NVNT_ANT1_3-DH1_2480_00



2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



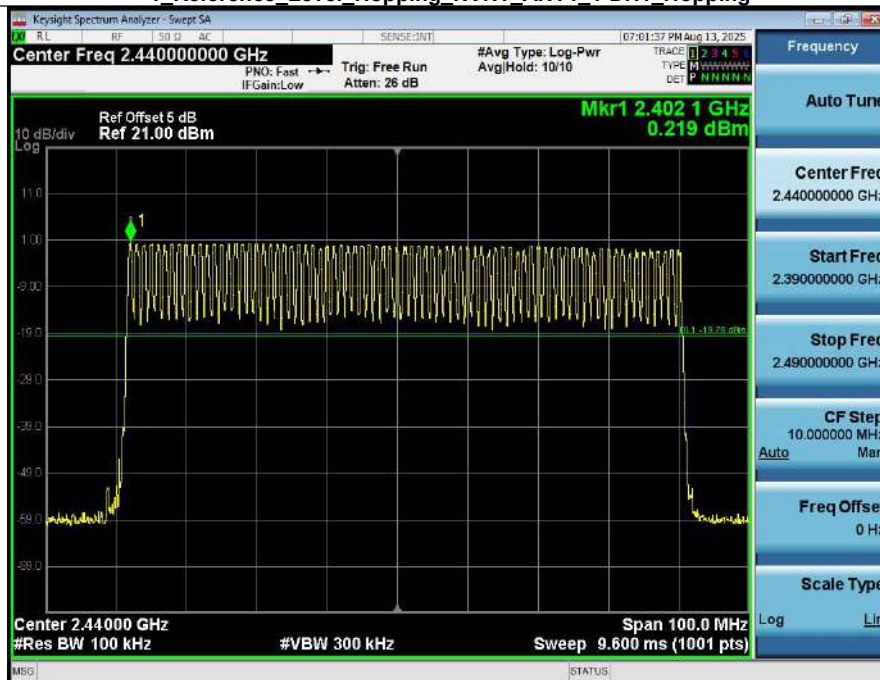
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.183	-48.826	-19.817	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.219	-48.960	-19.781	Pass
NVNT	ANT1	1-DH1	2480.00	-1.712	-58.371	-21.712	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.200	-58.112	-20.200	Pass
NVNT	ANT1	2-DH1	2402.00	0.196	-41.946	-19.804	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.182	-42.527	-19.818	Pass
NVNT	ANT1	2-DH1	2480.00	-1.746	-49.414	-21.746	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.307	-50.677	-20.307	Pass
NVNT	ANT1	3-DH1	2402.00	0.424	-49.246	-19.576	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.488	-51.045	-19.512	Pass
NVNT	ANT1	3-DH1	2480.00	-1.438	-57.987	-21.438	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.102	-59.769	-19.898	Pass





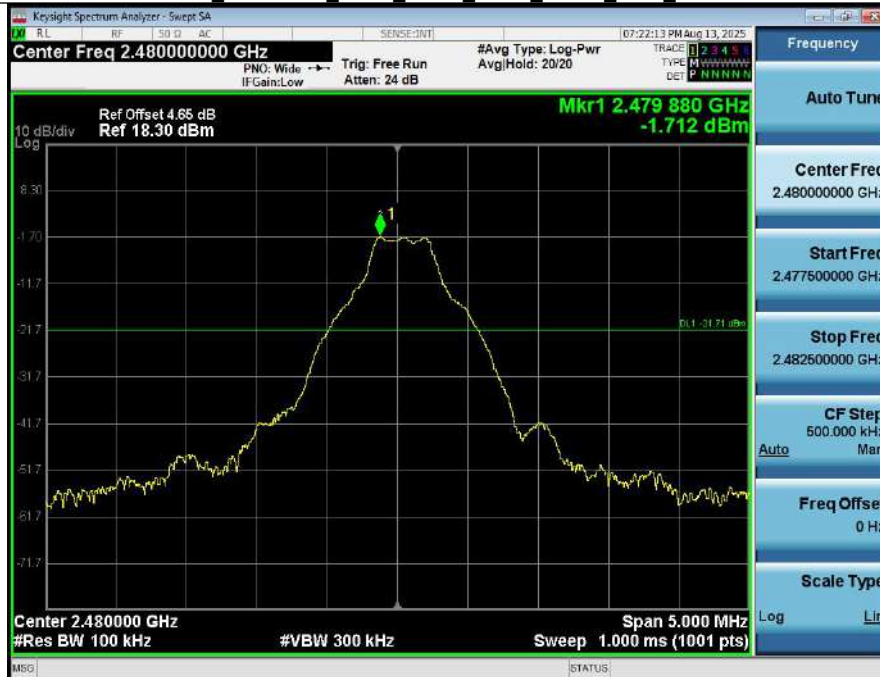
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



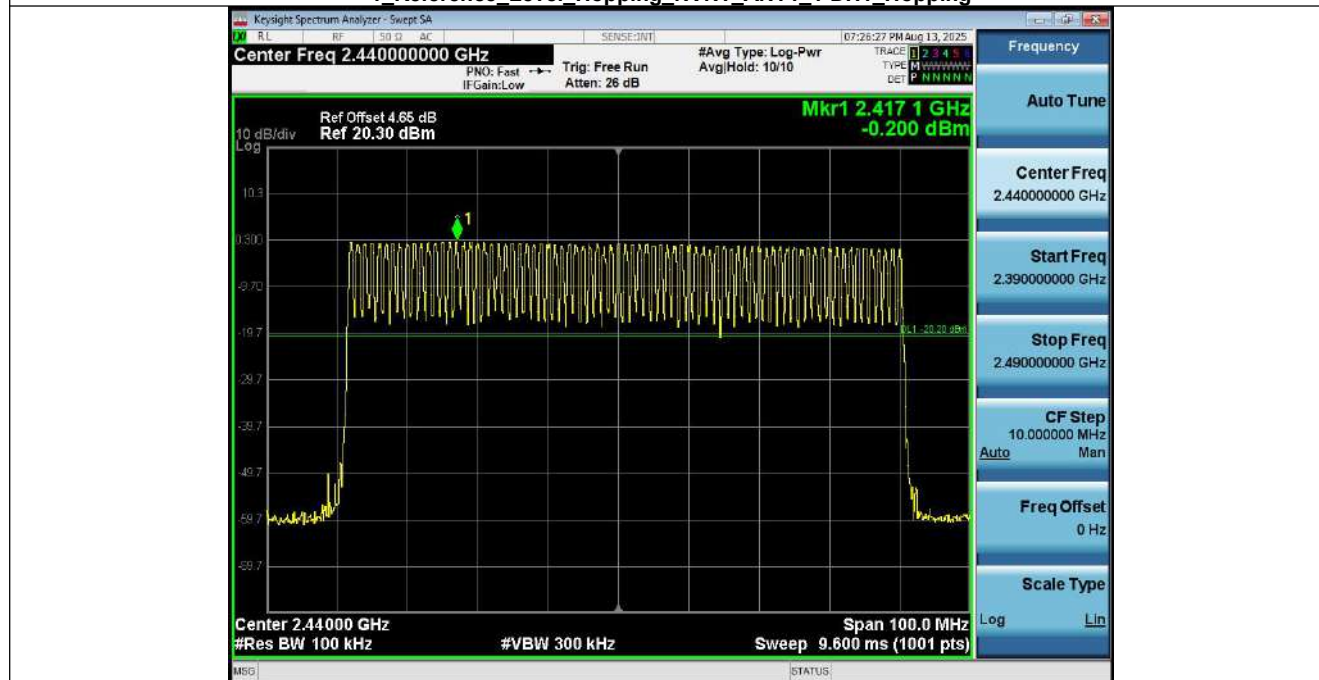
1 Reference Level NVNT ANT1 1-DH1 2480 00



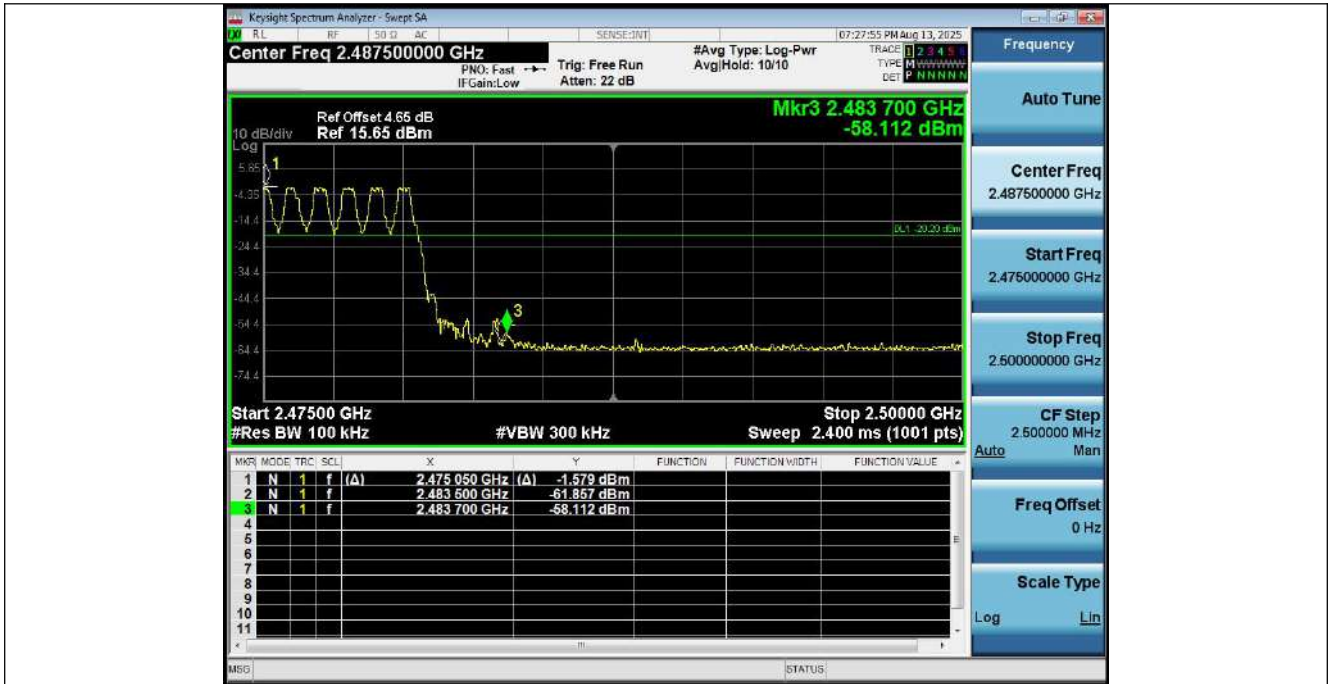
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



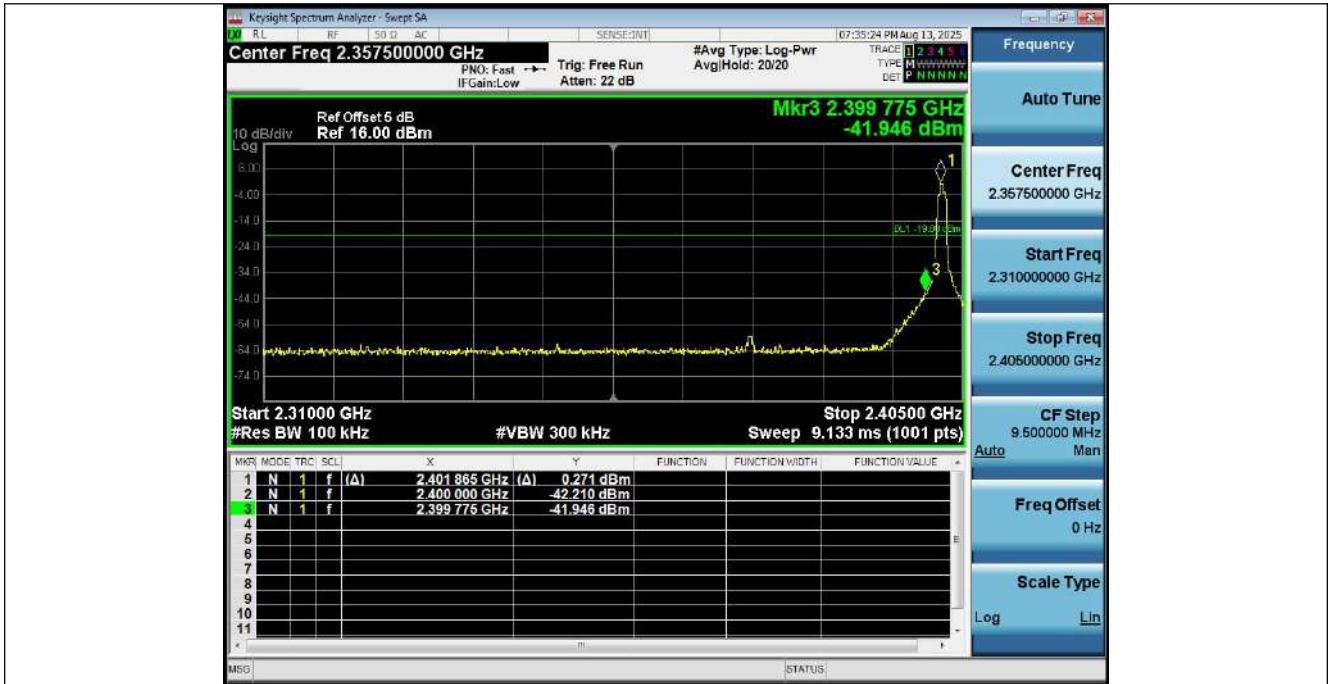
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



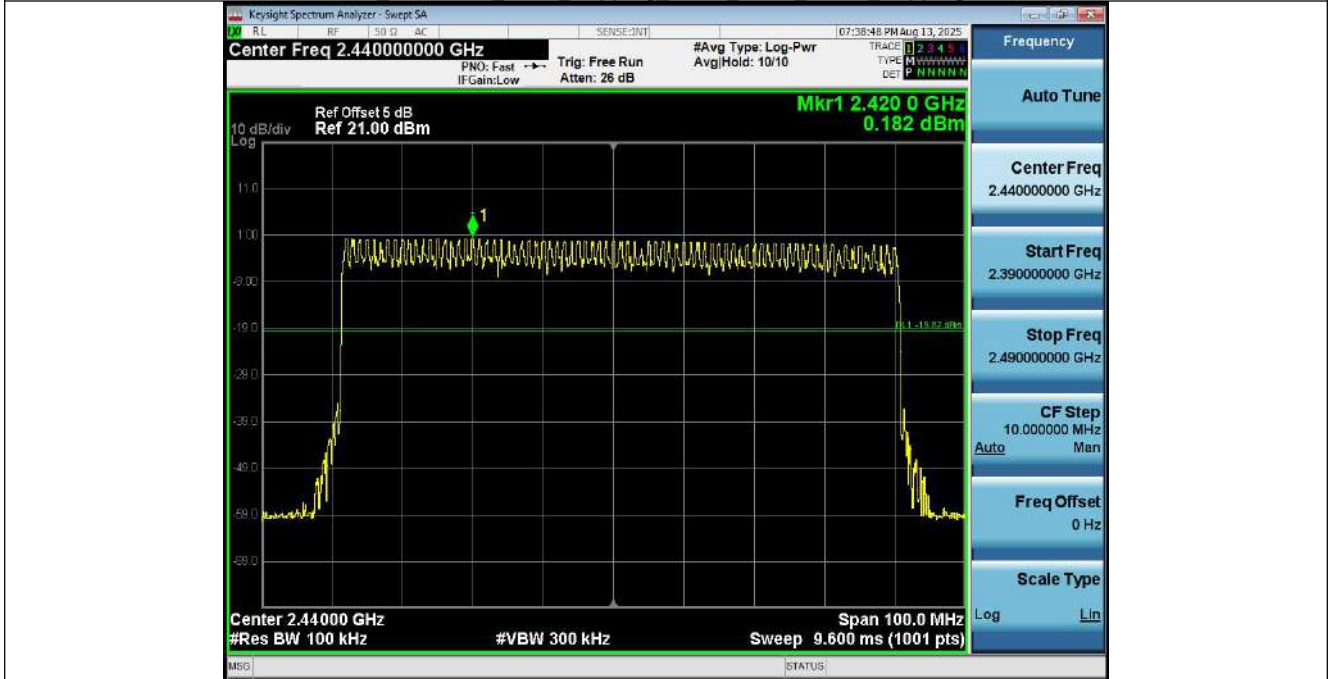
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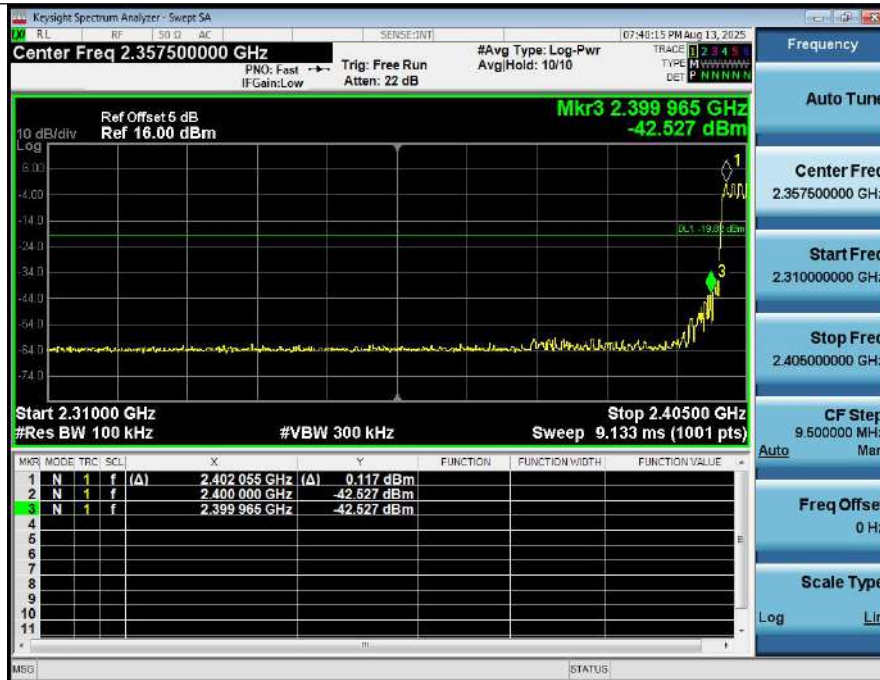
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



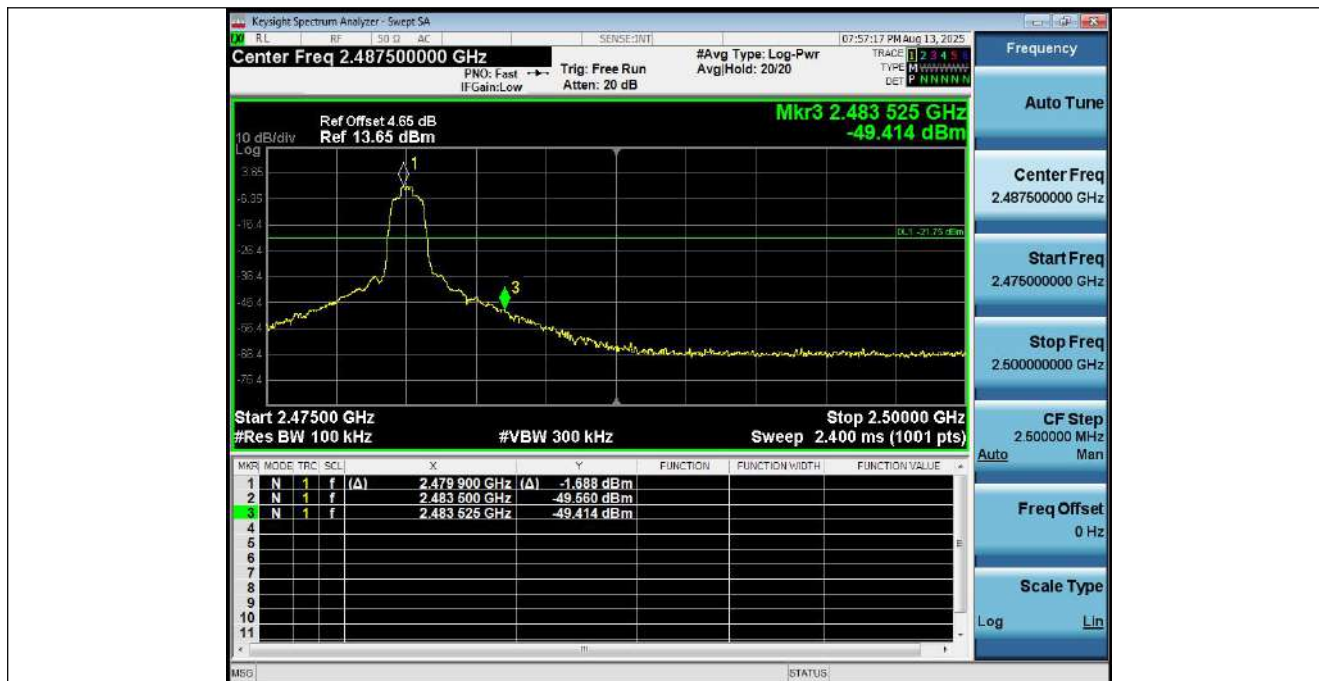
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



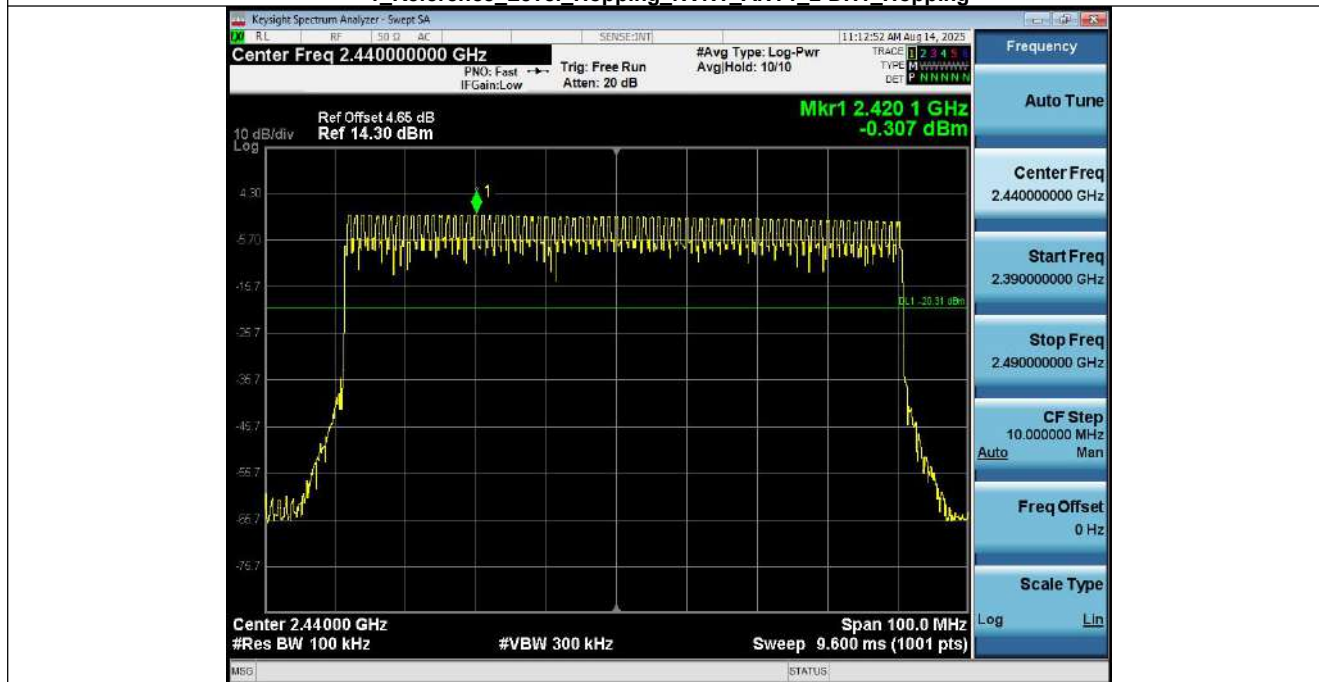
1 Reference Level NVNT ANT1 2-DH1 2480 00



2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



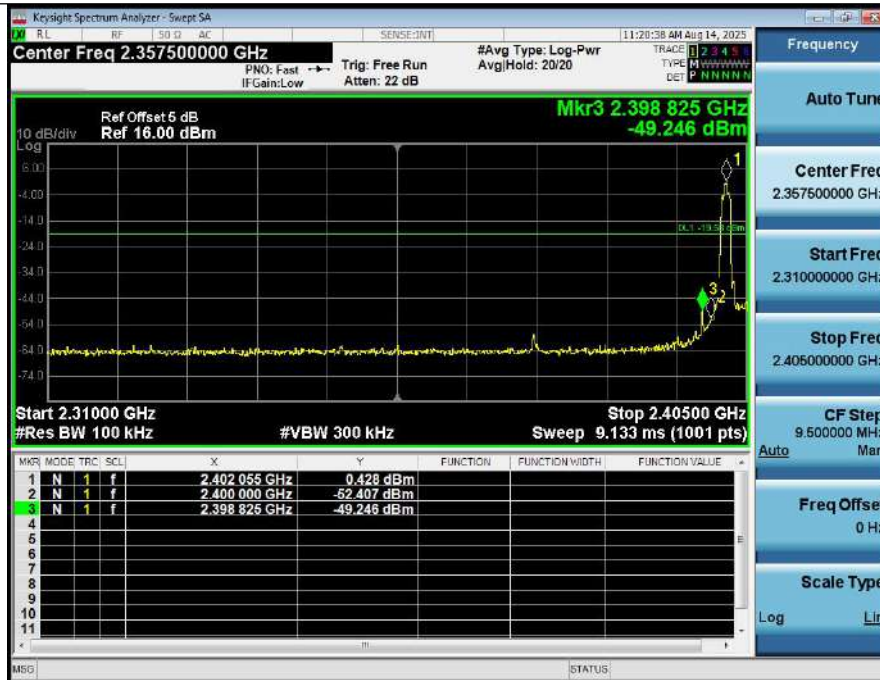
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2402 00



2 Bandedge NVNT ANT1 3-DH1 2402 00



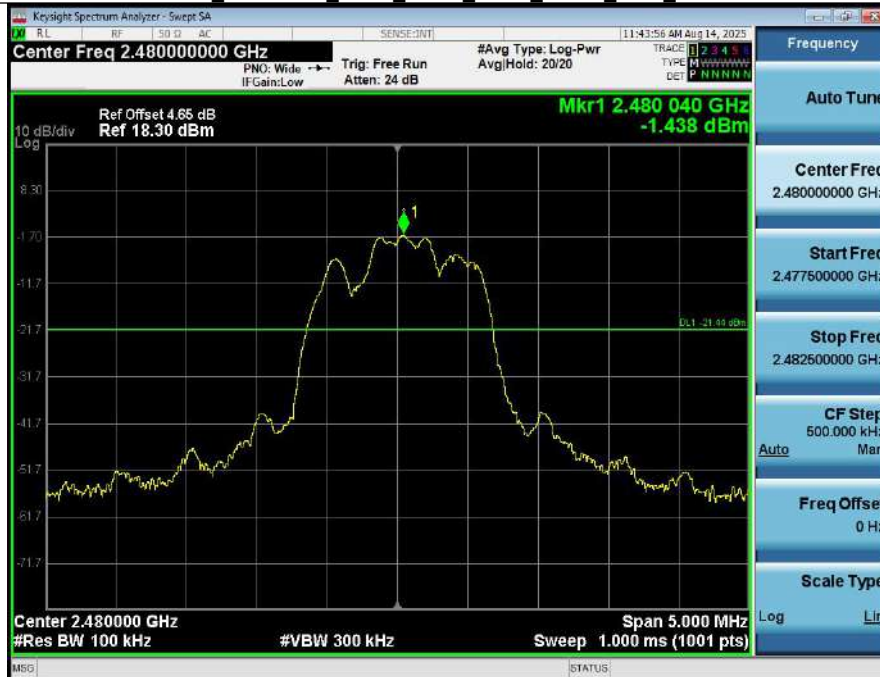
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2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2480 00



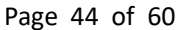
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



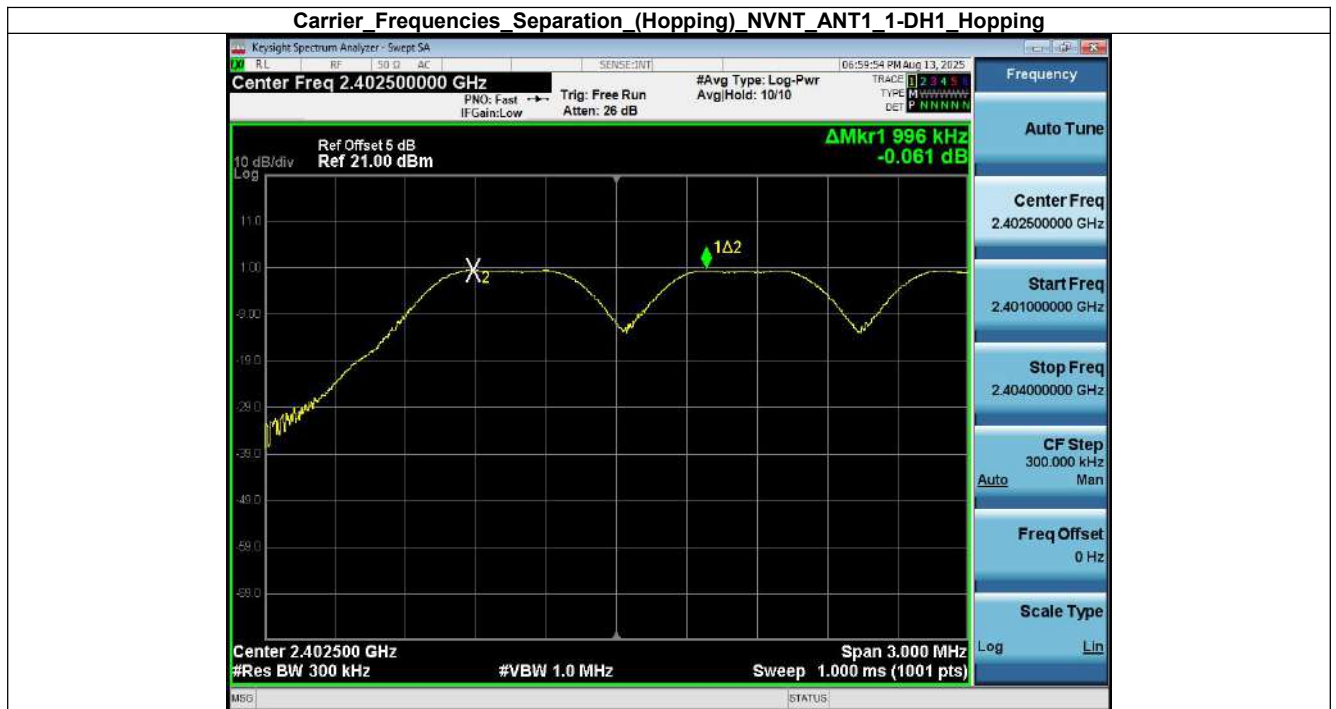
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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	2401.888	2402.884	1.00	0.857	Fail
NVNT	ANT1	1-DH1	2441.00	2440.876	2441.884	1.01	0.862	Pass
NVNT	ANT1	1-DH1	2480.00	2478.870	2479.875	1.00	0.859	Pass
NVNT	ANT1	2-DH1	2402.00	2401.888	2402.890	1.00	0.842	Pass
NVNT	ANT1	2-DH1	2441.00	2440.891	2442.187	1.30	0.844	Pass
NVNT	ANT1	2-DH1	2480.00	2478.879	2479.878	1.00	0.842	Pass
NVNT	ANT1	3-DH1	2402.00	2402.035	2403.049	1.01	0.775	Pass
NVNT	ANT1	3-DH1	2441.00	2441.044	2442.043	1.00	0.775	Pass
NVNT	ANT1	3-DH1	2480.00	2479.041	2480.040	1.00	0.774	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_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

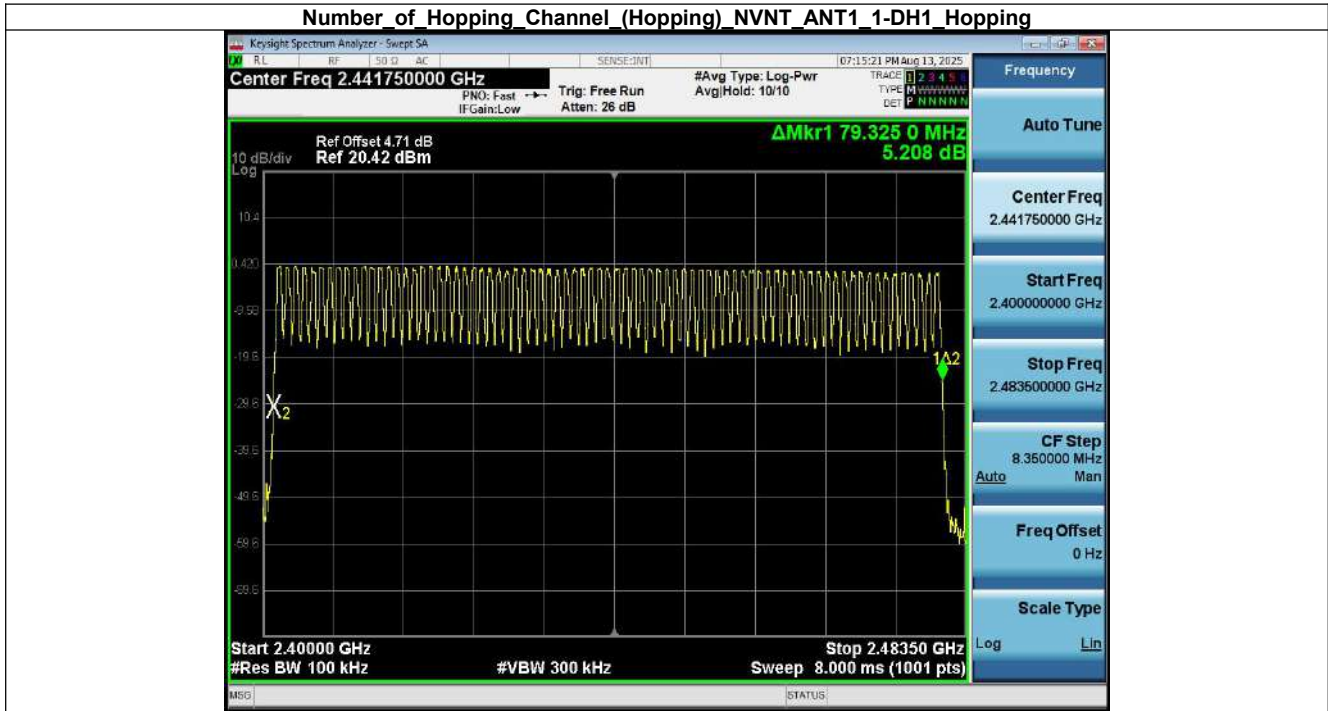


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

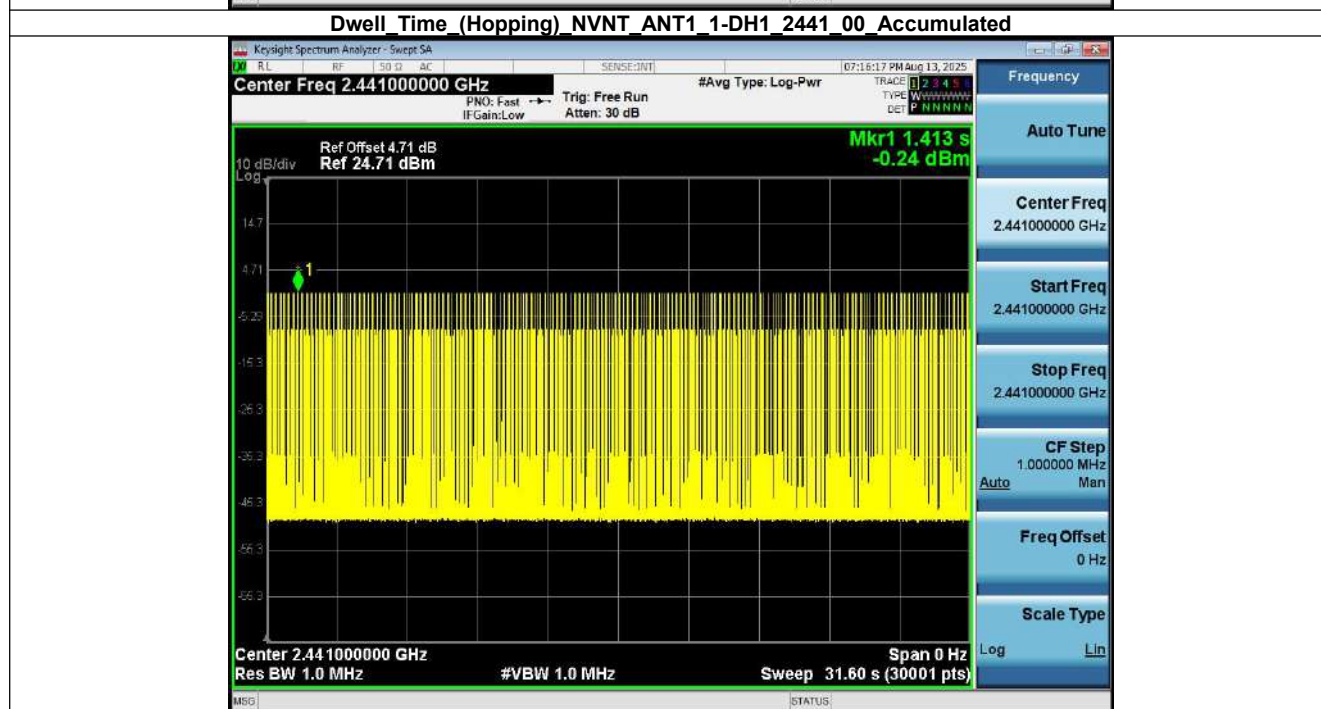
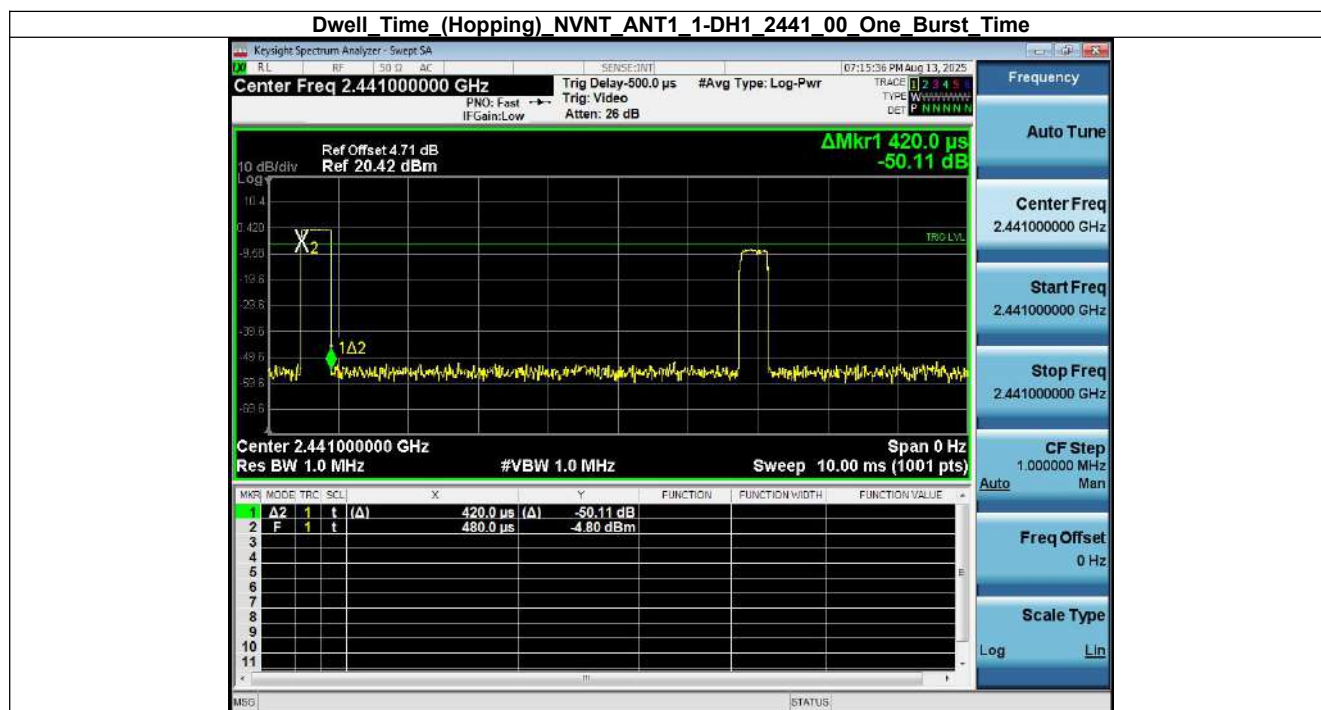


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

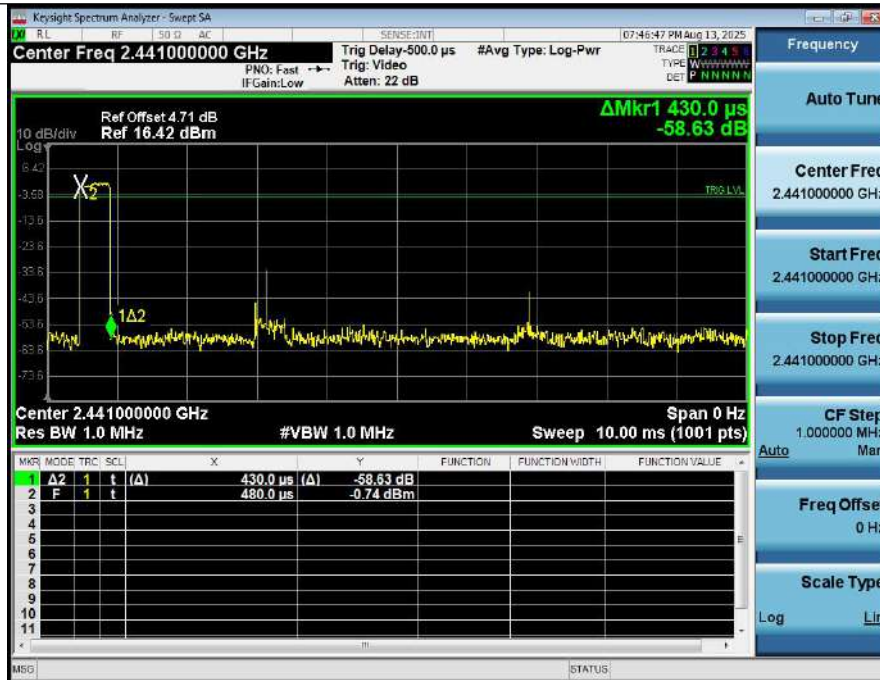


9. Dwell Time (Hopping)

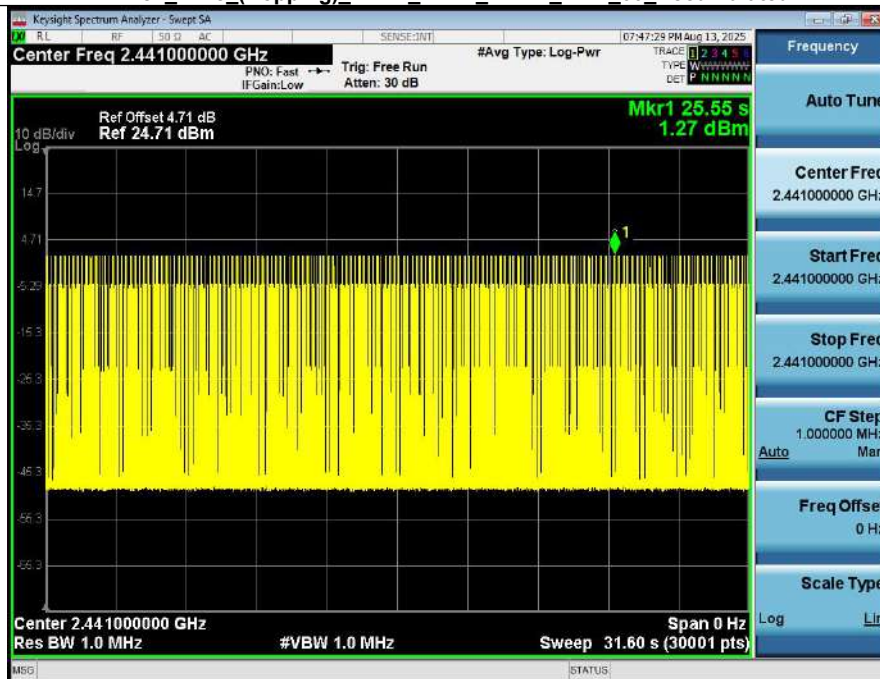
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	2-DH1	0.430	319.00	137.170	0.40	Pass
NVNT	ANT1	3-DH1	0.430	319.00	137.170	0.40	Pass
NVNT	ANT1	1-DH3	1.680	158.00	265.440	0.40	Pass
NVNT	ANT1	1-DH5	2.930	110.00	322.300	0.40	Pass
NVNT	ANT1	2-DH3	1.680	153.00	257.040	0.40	Pass
NVNT	ANT1	2-DH5	2.930	110.00	322.300	0.40	Pass
NVNT	ANT1	3-DH3	1.680	153.00	257.040	0.40	Pass
NVNT	ANT1	3-DH5	2.940	95.00	279.300	0.40	Pass



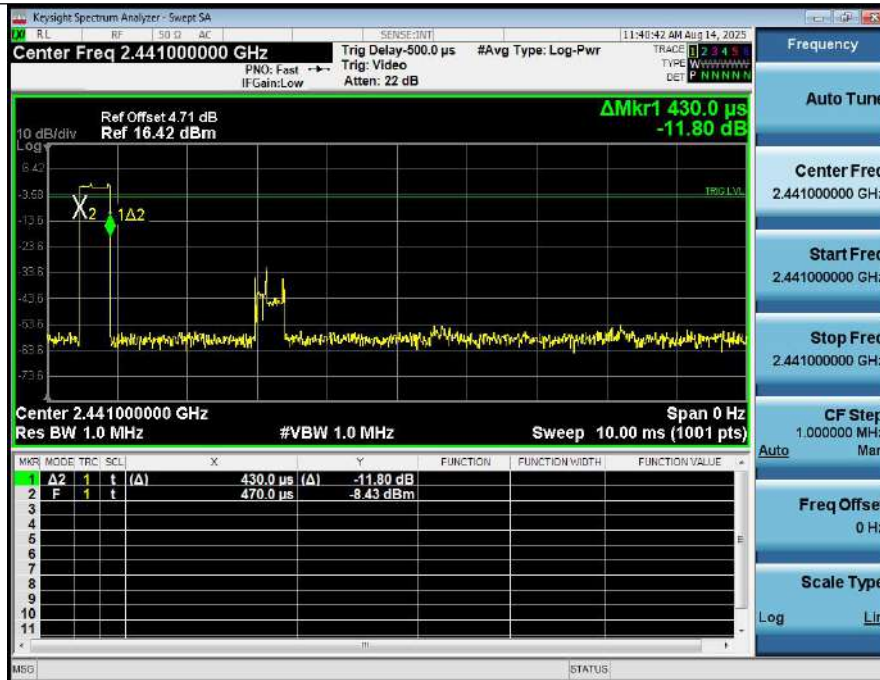
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



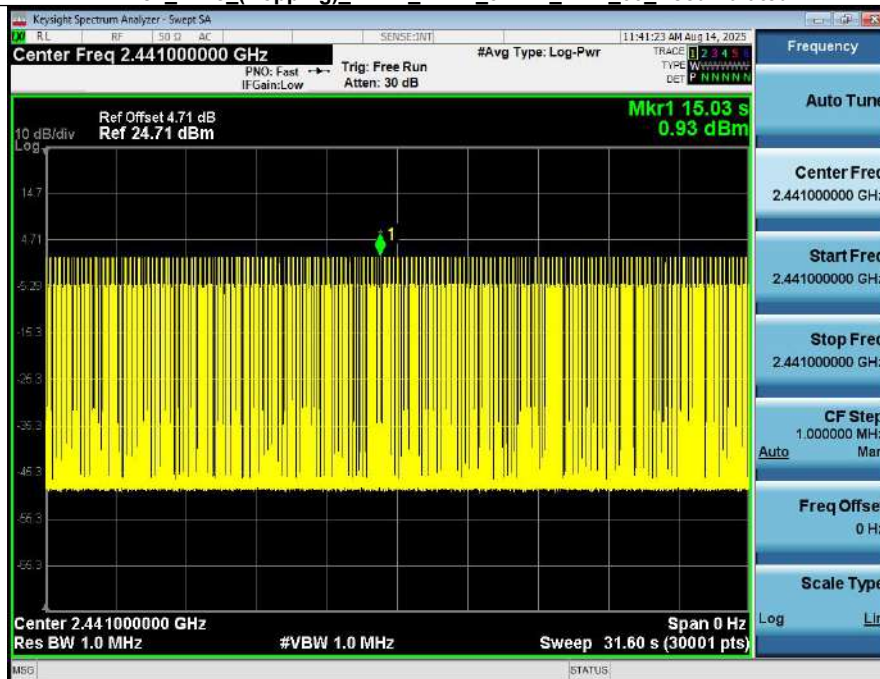
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



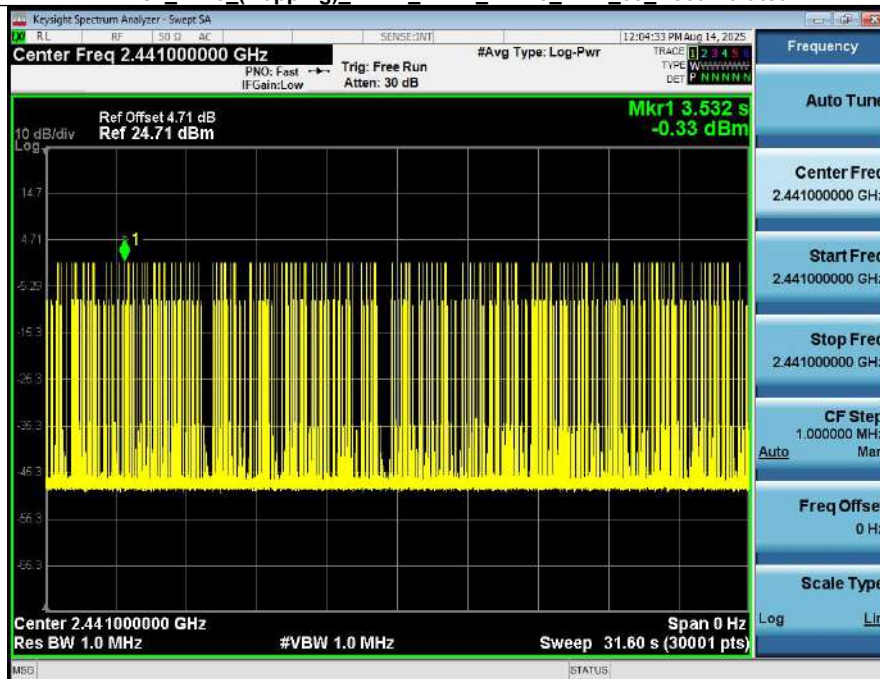
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



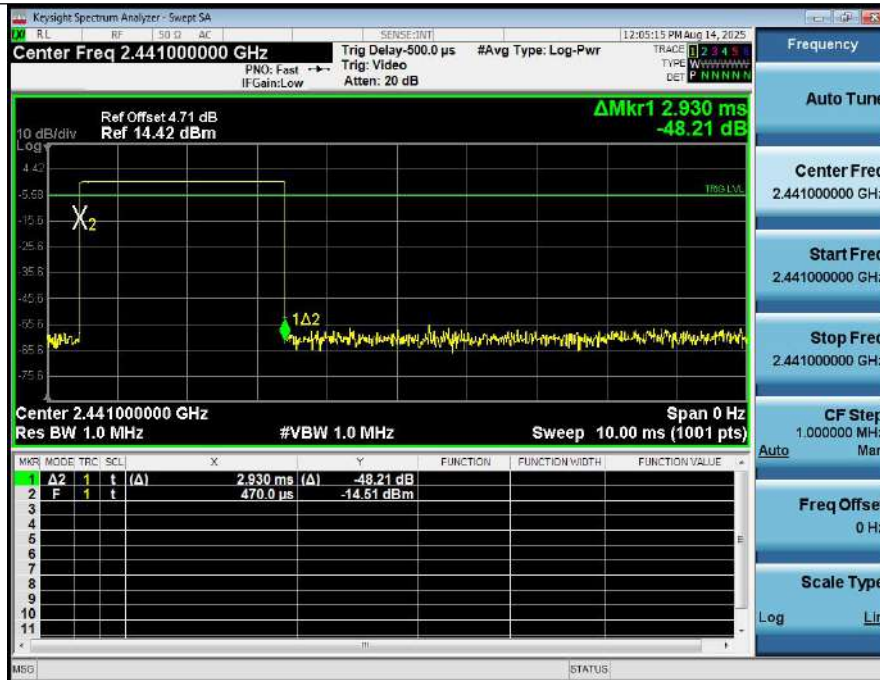
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



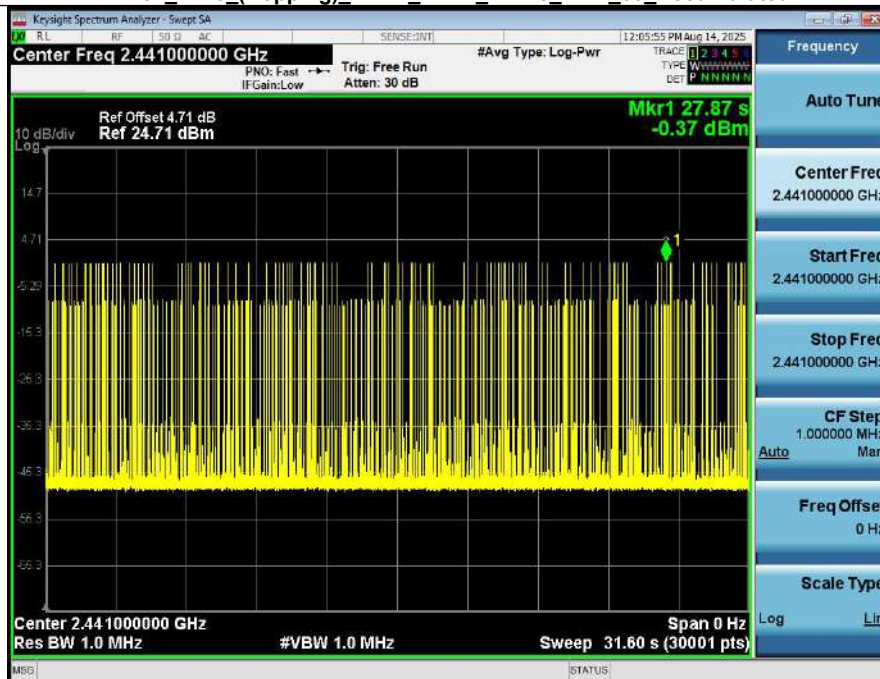
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



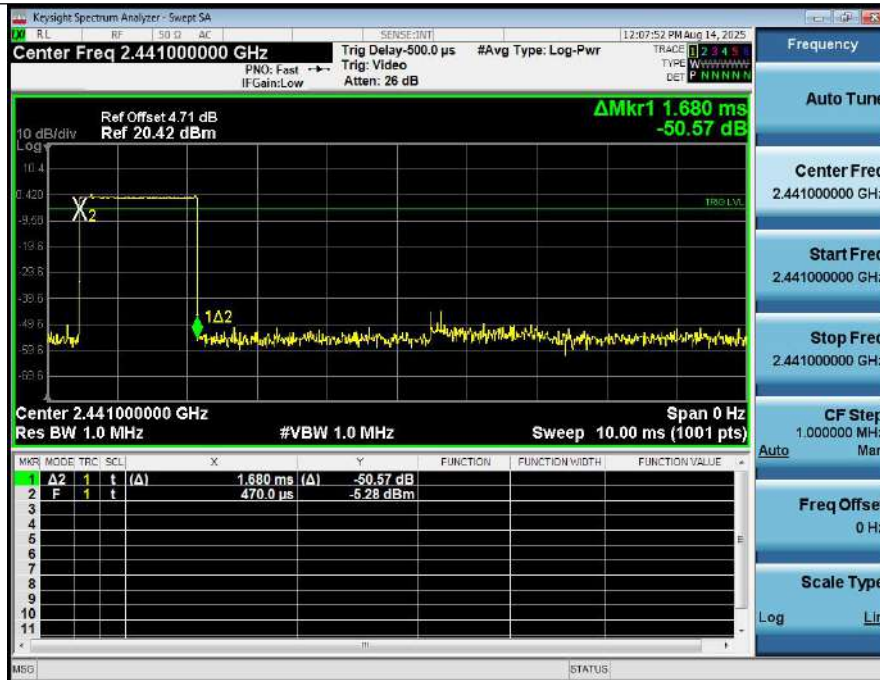
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



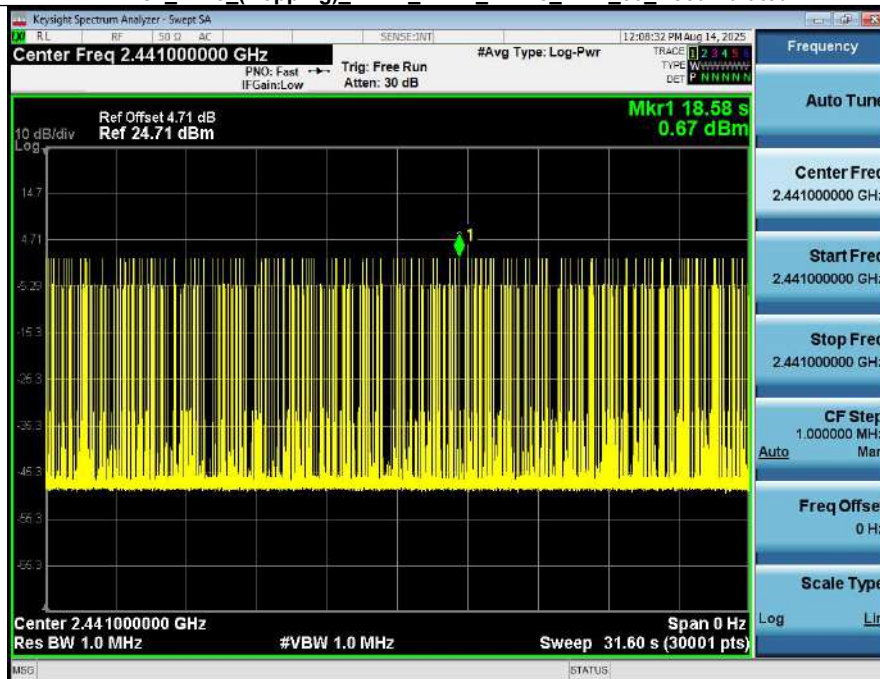
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



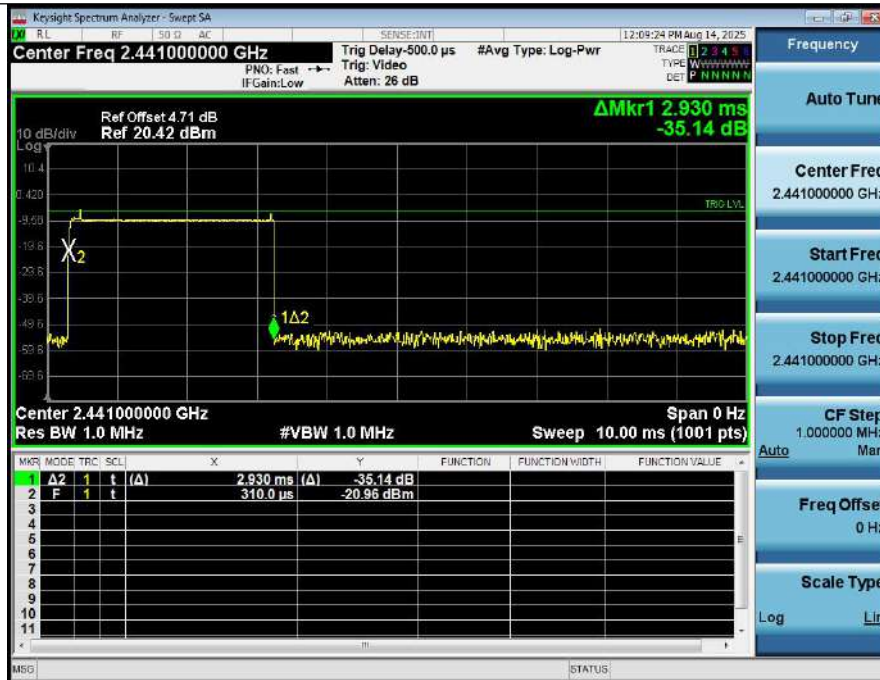
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



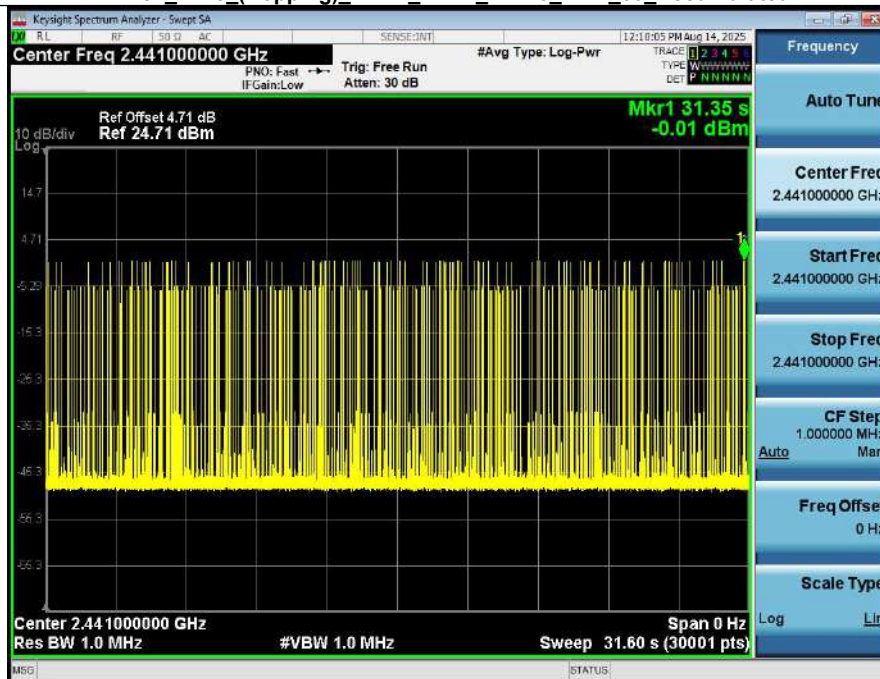
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



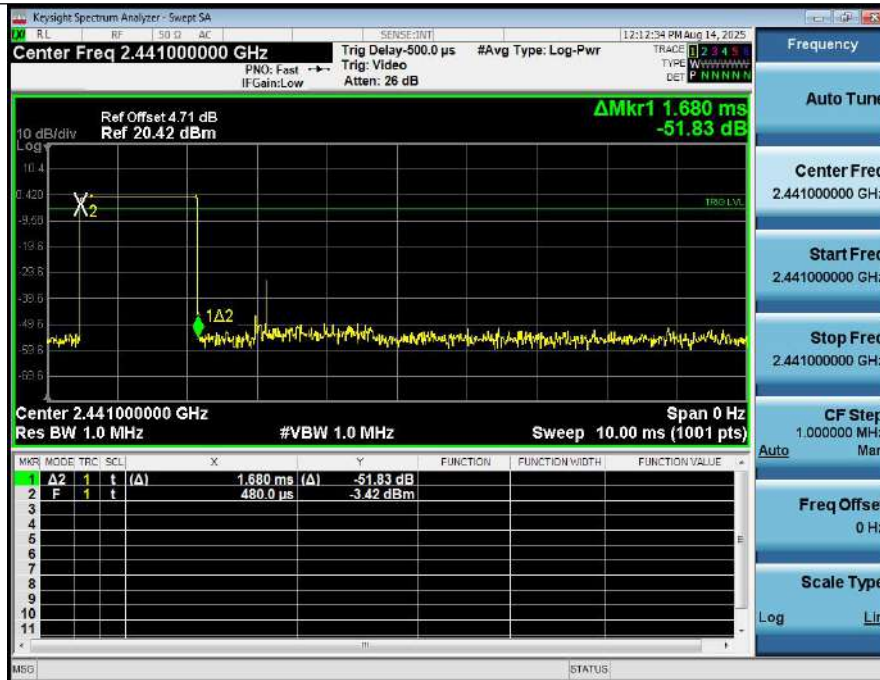
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



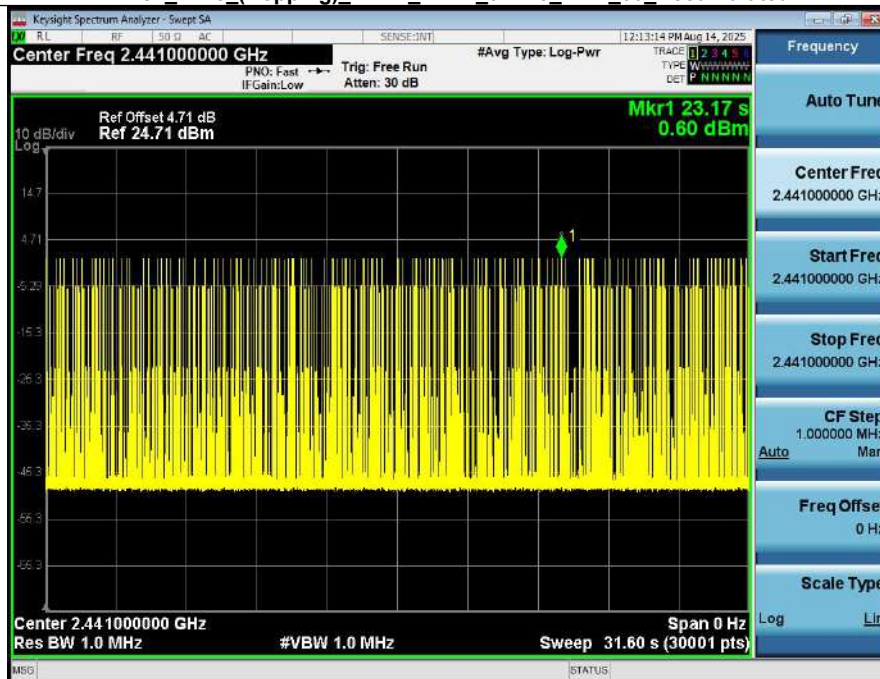
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



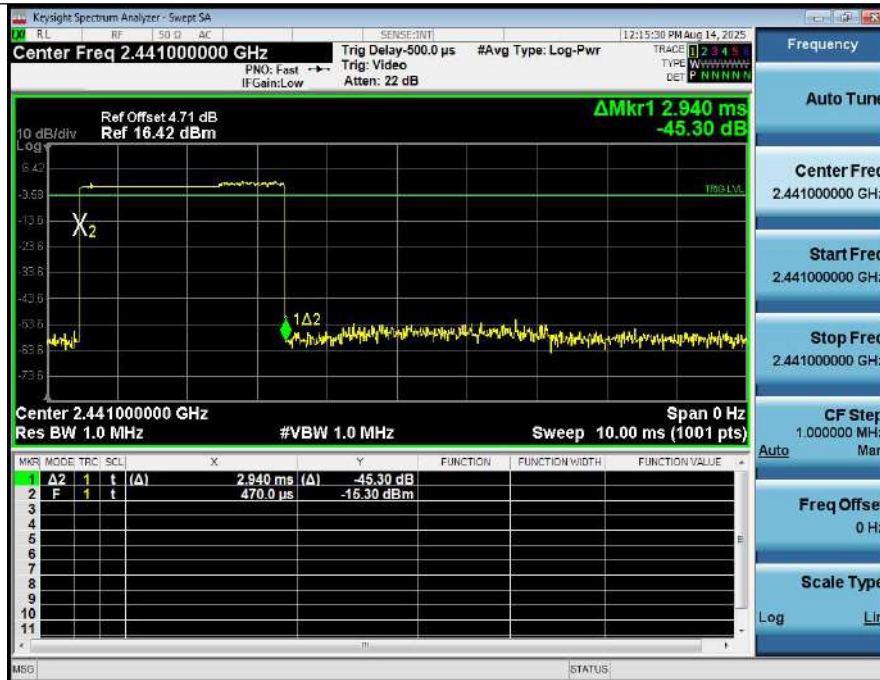
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

