

FCC ID:2BQTQ-TX-06BE

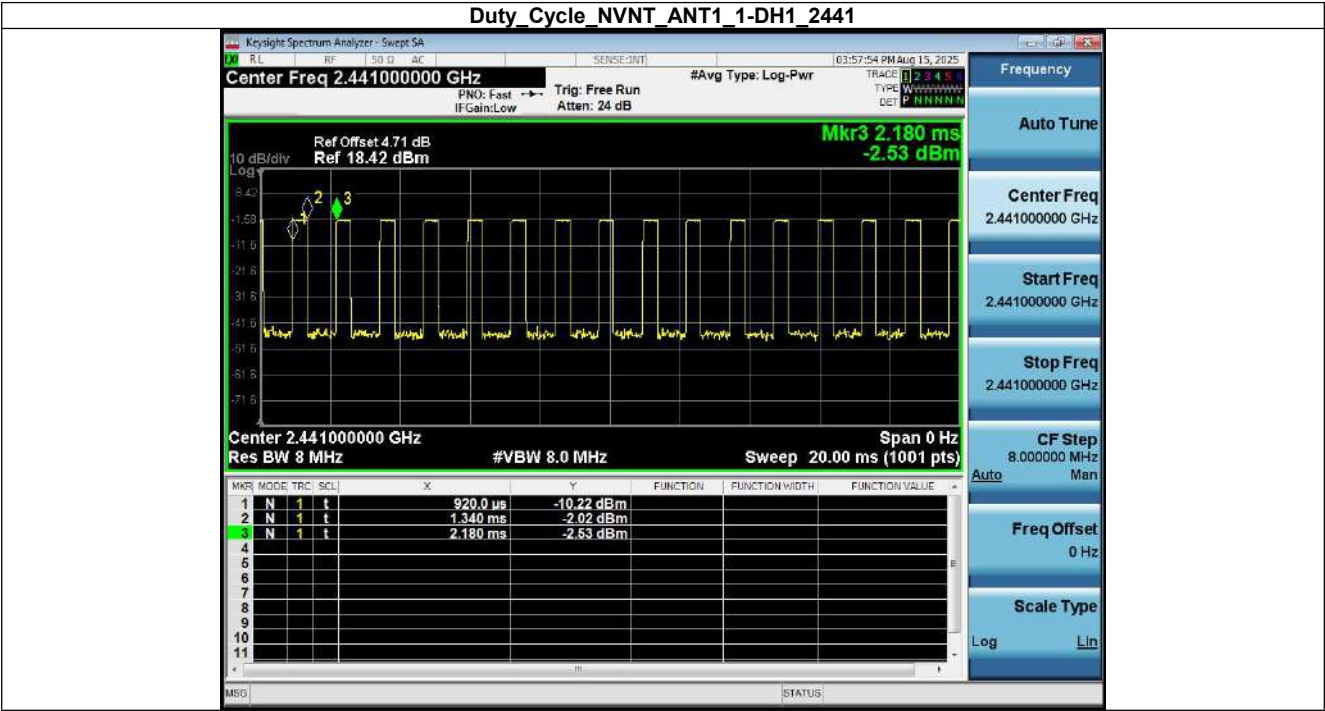
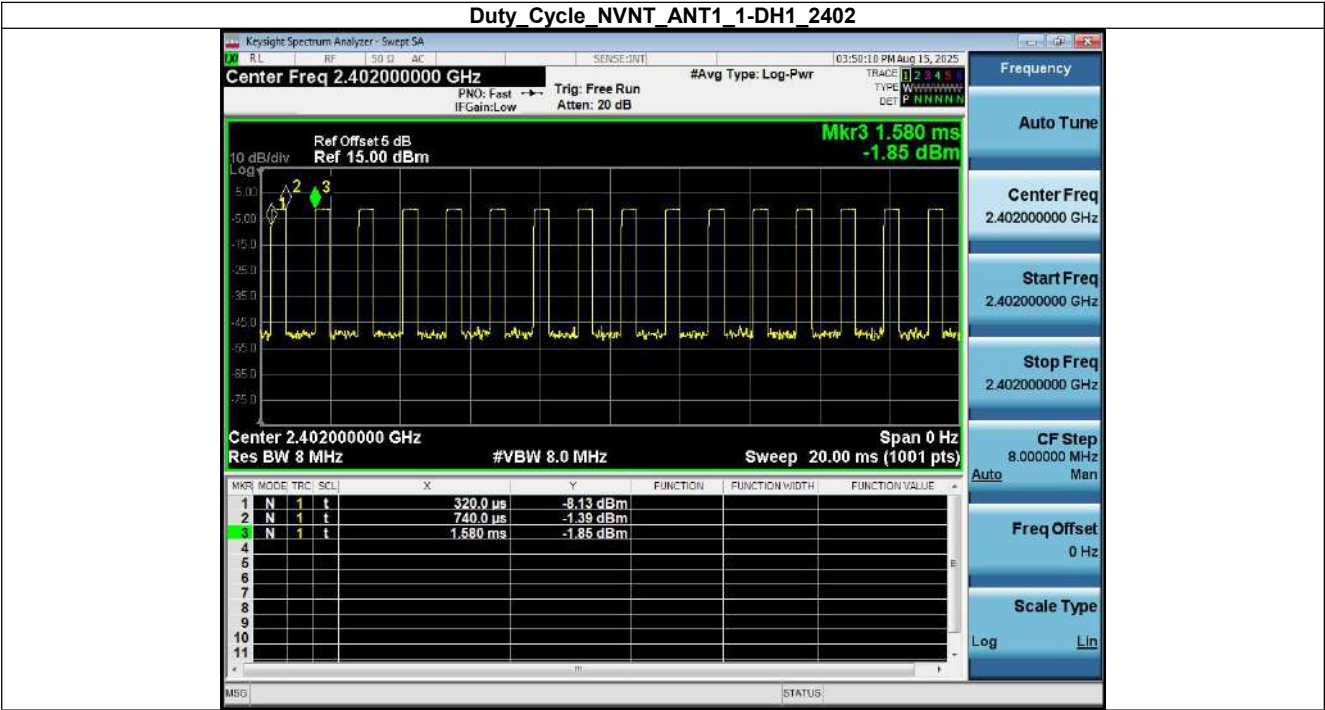
FCC_BT (Part15.247) Test Data

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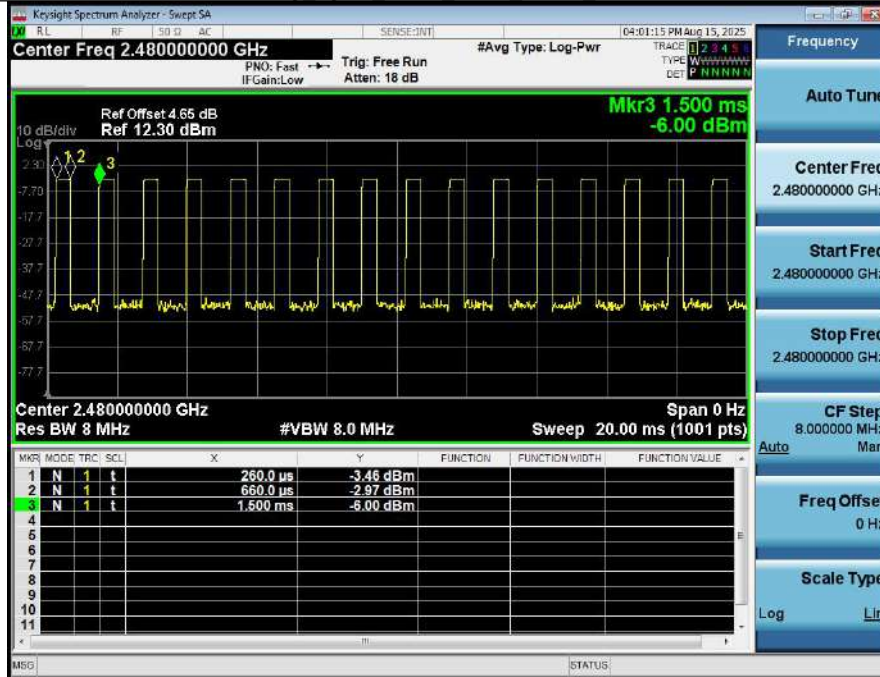
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1. Duty Cycle

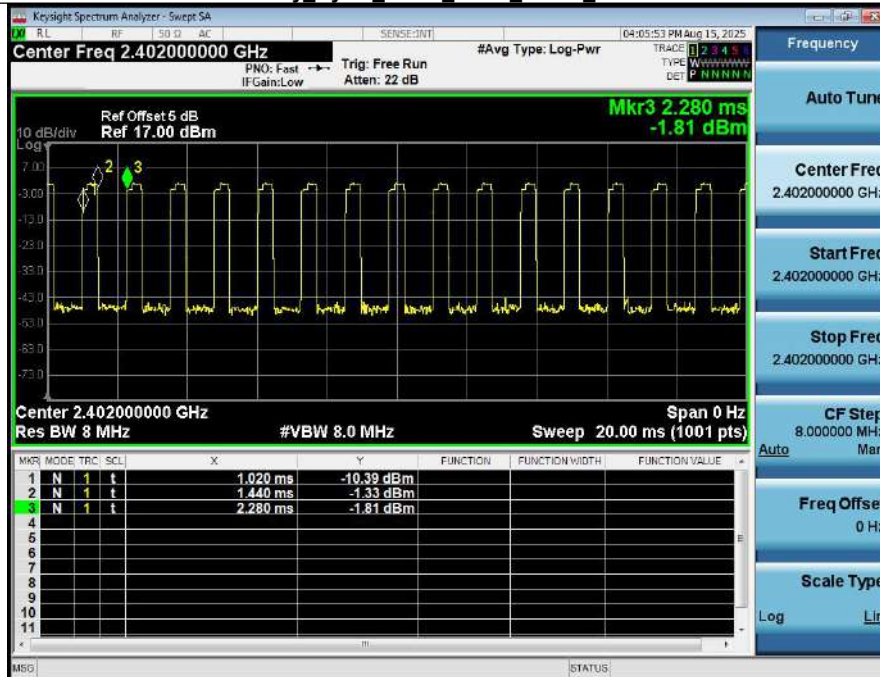
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	33.33	4.77
NVNT	ANT1	1-DH1	2441.00	34.92	4.57
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	34.92	4.57
NVNT	ANT1	2-DH1	2441.00	34.92	4.57
NVNT	ANT1	2-DH1	2480.00	33.87	4.70
NVNT	ANT1	3-DH1	2402.00	33.87	4.70
NVNT	ANT1	3-DH1	2441.00	33.87	4.70
NVNT	ANT1	3-DH1	2480.00	34.92	4.57



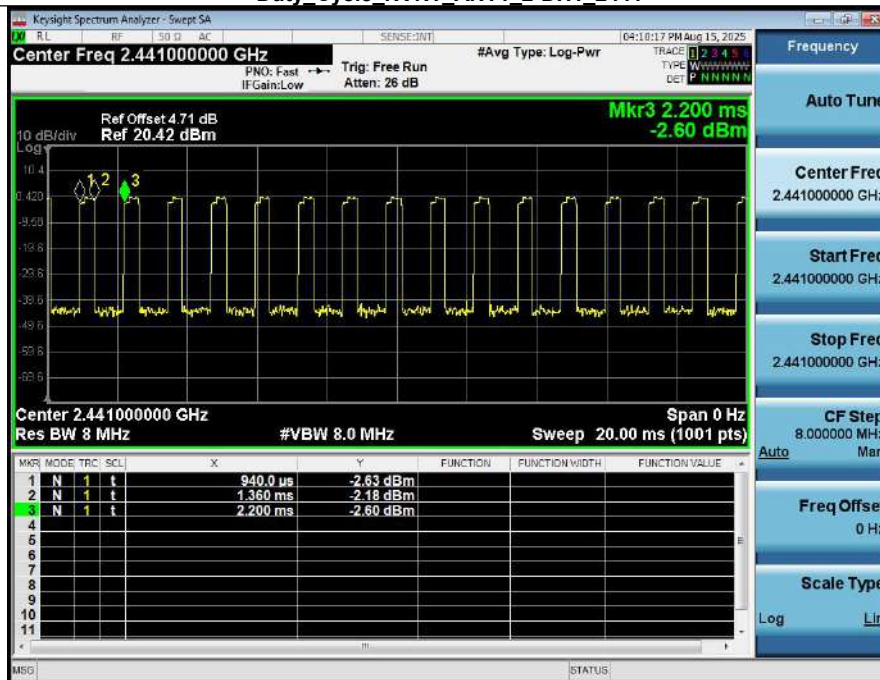
Duty Cycle NVNT_ANT1 1-DH1_2480



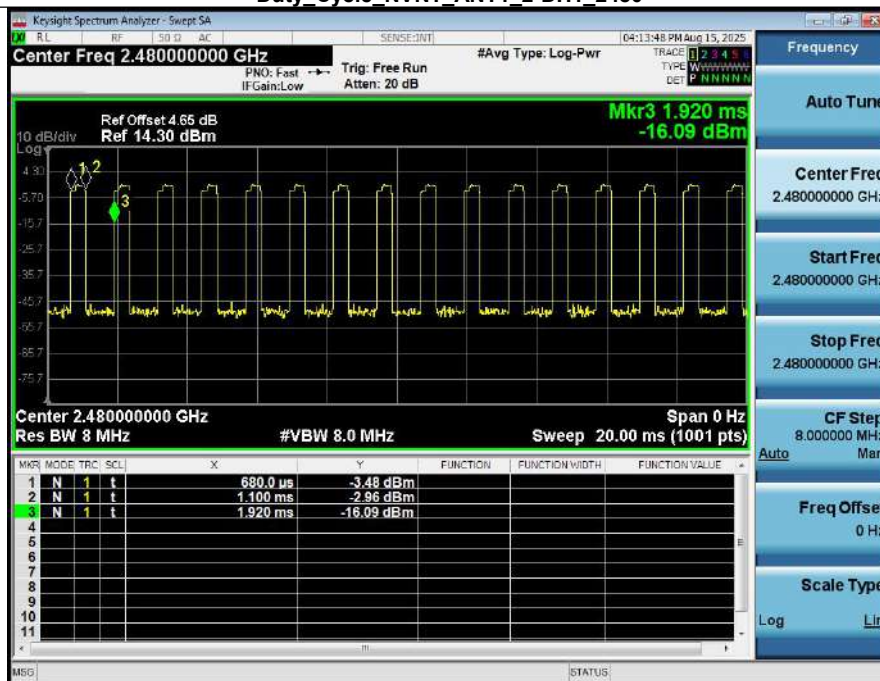
Duty Cycle NVNT_ANT1 2-DH1_2402



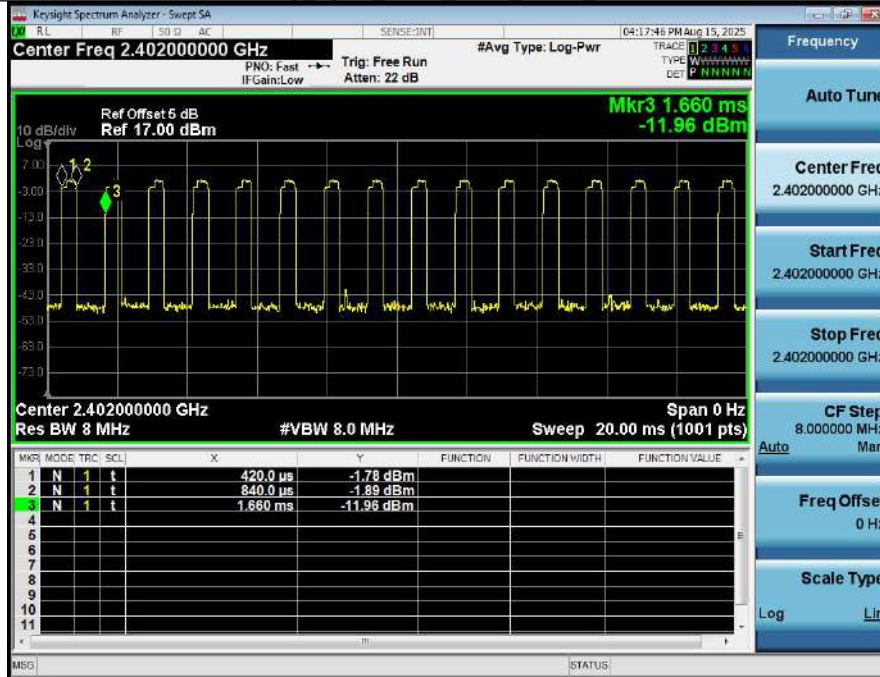
Duty Cycle_NVNT_ANT1_2-DH1_2441



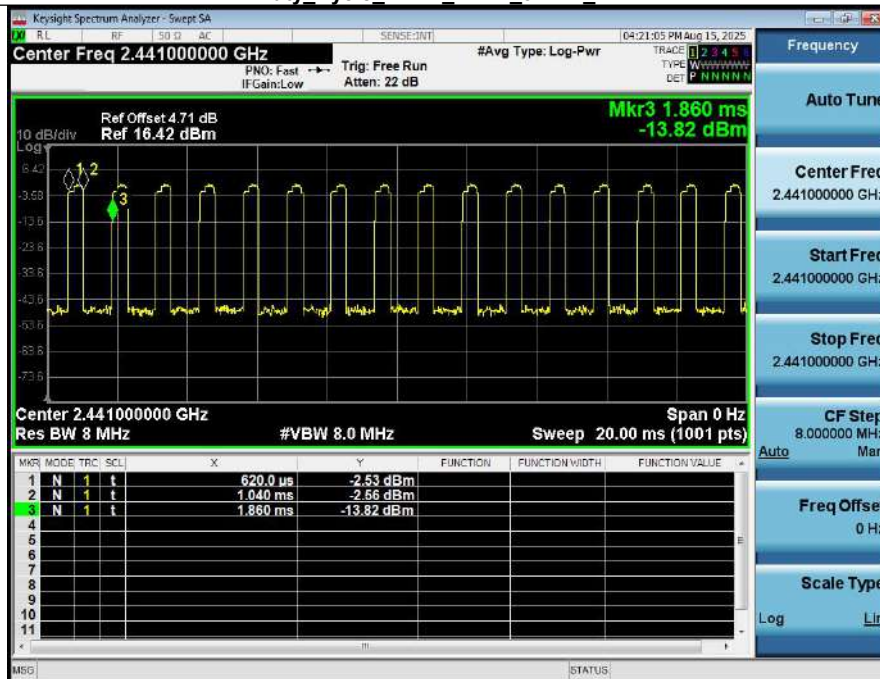
Duty Cycle_NVNT_ANT1_2-DH1_2480



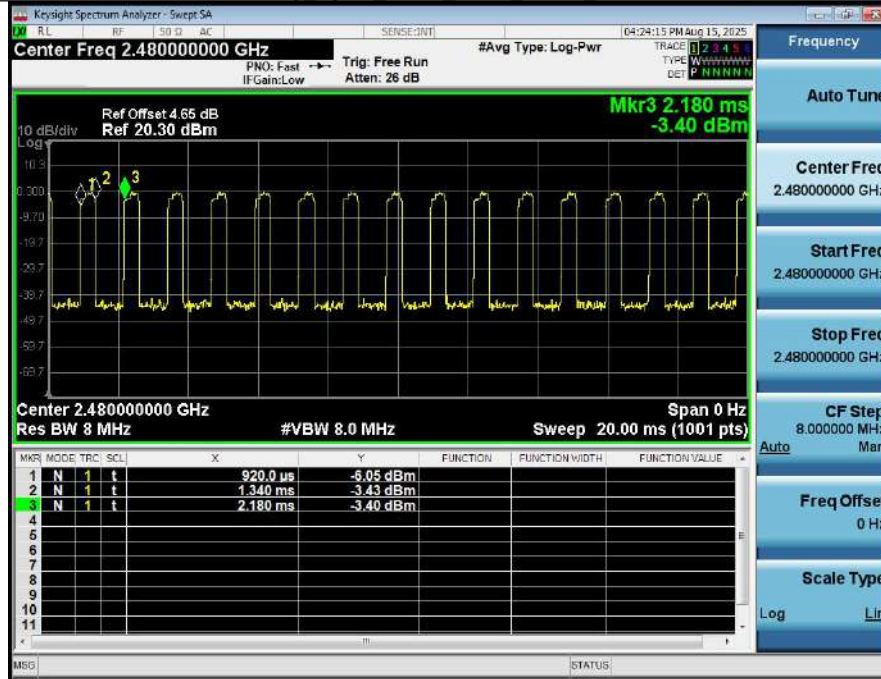
Duty Cycle_NVNT_ANT1_3-DH1_2402



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	0.856	No
NVNT	ANT1	1-DH1	2441.00	0.867	No
NVNT	ANT1	1-DH1	2480.00	0.850	No
NVNT	ANT1	2-DH1	2402.00	1.263	Yes
NVNT	ANT1	2-DH1	2441.00	1.263	Yes
NVNT	ANT1	2-DH1	2480.00	1.264	Yes
NVNT	ANT1	3-DH1	2402.00	1.226	Yes
NVNT	ANT1	3-DH1	2441.00	1.227	Yes
NVNT	ANT1	3-DH1	2480.00	1.226	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

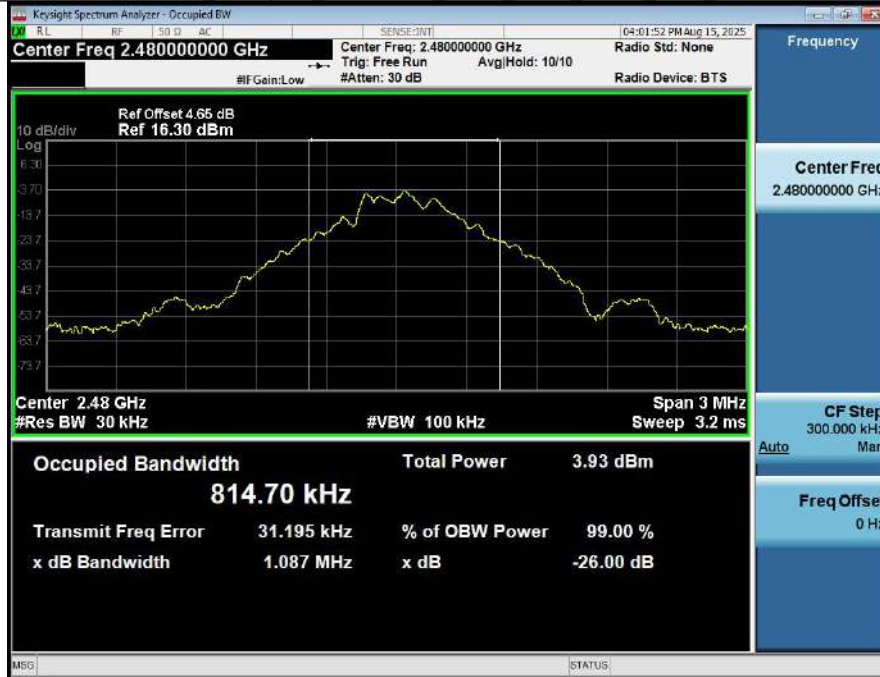


3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.811
NVNT	ANT1	1-DH1	2441.00	0.814
NVNT	ANT1	1-DH1	2480.00	0.815
NVNT	ANT1	2-DH1	2402.00	1.162
NVNT	ANT1	2-DH1	2441.00	1.161
NVNT	ANT1	2-DH1	2480.00	1.159
NVNT	ANT1	3-DH1	2402.00	1.152
NVNT	ANT1	3-DH1	2441.00	1.151
NVNT	ANT1	3-DH1	2480.00	1.152



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

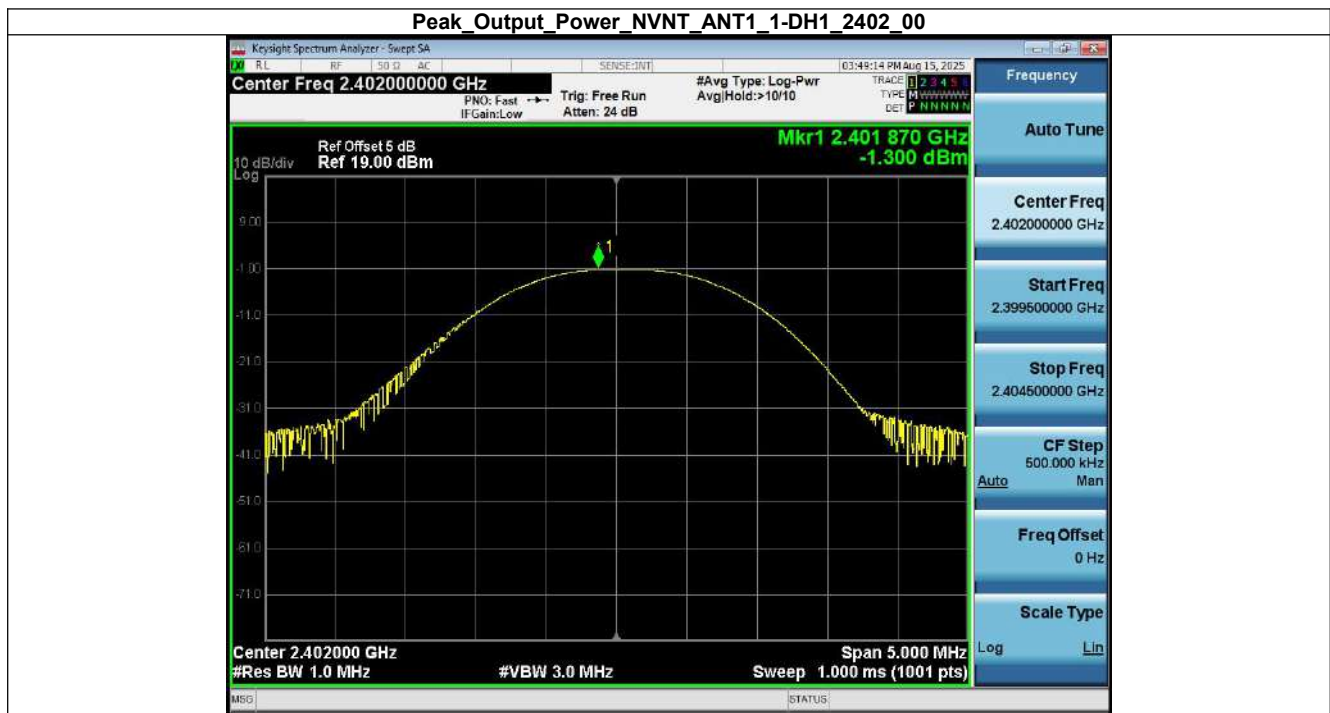


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



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	-1.30	0.74	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-2.01	0.63	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.94	0.51	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.89	1.23	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.12	1.03	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.68	0.86	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.41	1.38	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.72	1.18	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.15	0.97	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



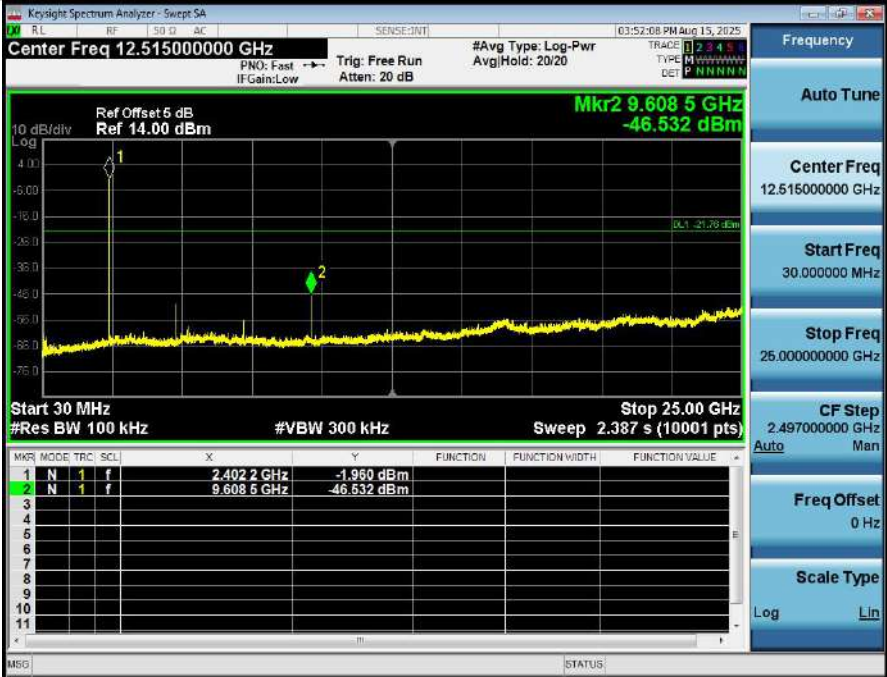
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.755	-46.532	-21.755	Pass
NVNT	ANT1	1-DH1	2441.00	-2.453	-49.547	-22.453	Pass
NVNT	ANT1	1-DH1	2480.00	-3.408	-51.158	-23.408	Pass
NVNT	ANT1	2-DH1	2402.00	-1.781	-46.735	-21.781	Pass
NVNT	ANT1	2-DH1	2441.00	-2.569	-49.354	-22.569	Pass
NVNT	ANT1	2-DH1	2480.00	-3.465	-51.494	-23.465	Pass
NVNT	ANT1	3-DH1	2402.00	-1.762	-46.699	-21.762	Pass
NVNT	ANT1	3-DH1	2441.00	-2.504	-49.561	-22.504	Pass
NVNT	ANT1	3-DH1	2480.00	-3.431	-50.276	-23.431	Pass

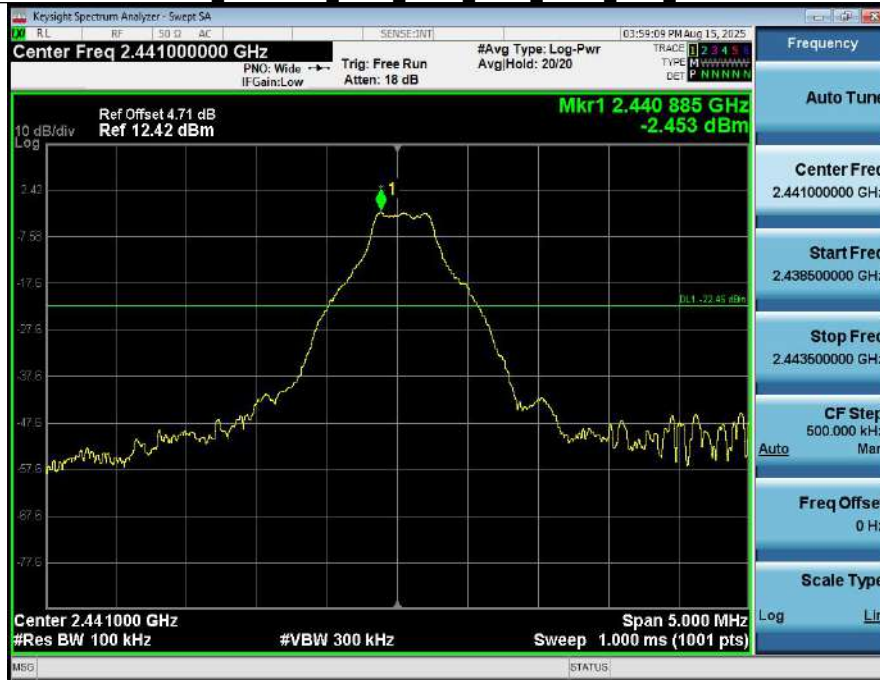
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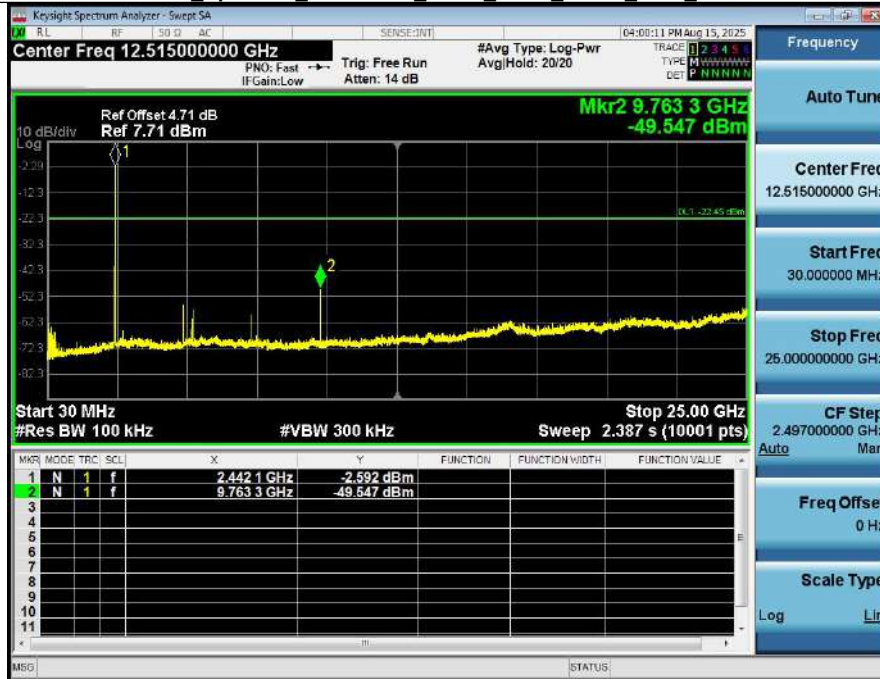
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



1 Reference Level NVNT ANT1 1-DH1 2441 00



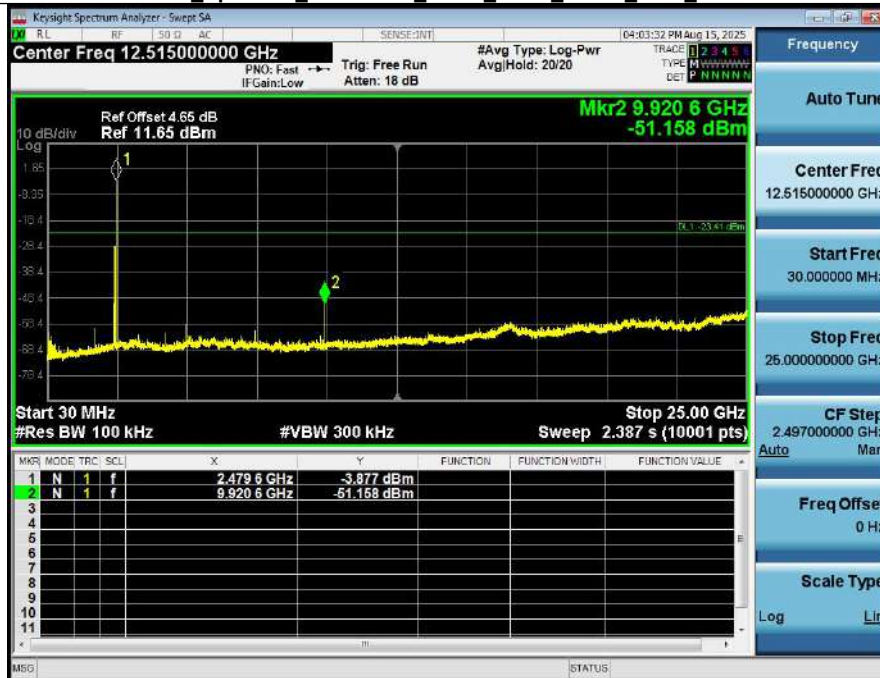
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



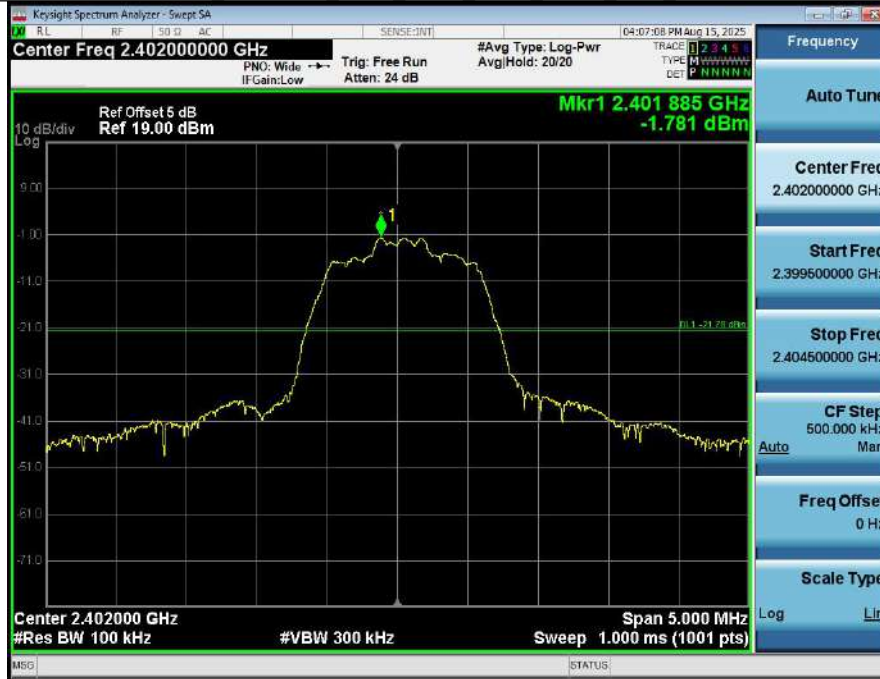
1 Reference Level NVNT ANT1 1-DH1 2480 00



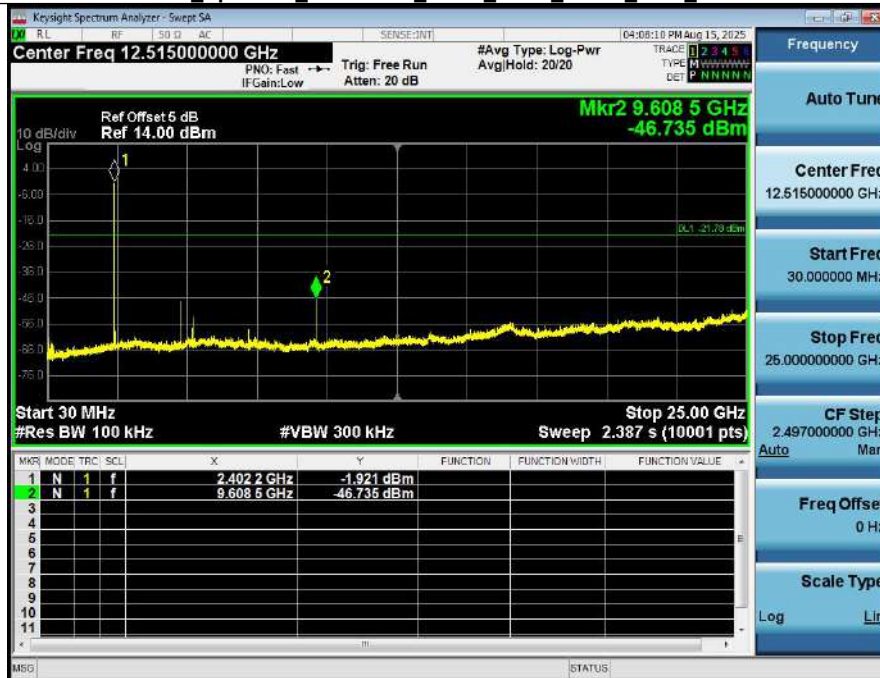
2 Spurious Emissions NVNT ANT1 1-DH1 2480 00



1 Reference Level NVNT ANT1 2-DH1 2402_00



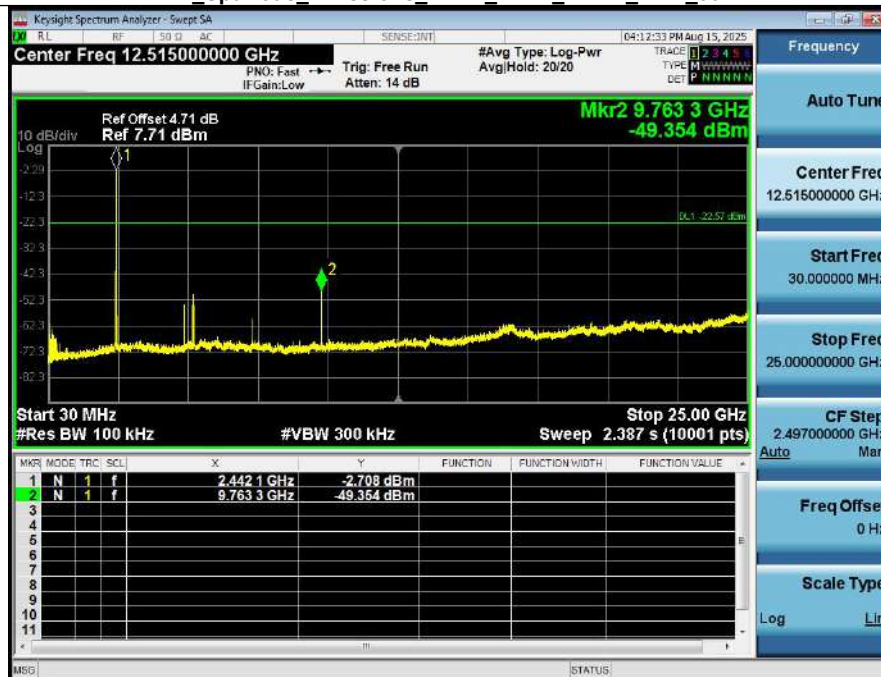
2 Spurious Emissions NVNT ANT1 2-DH1 2402_00



1 Reference Level NVNT ANT1 2-DH1 2441 00



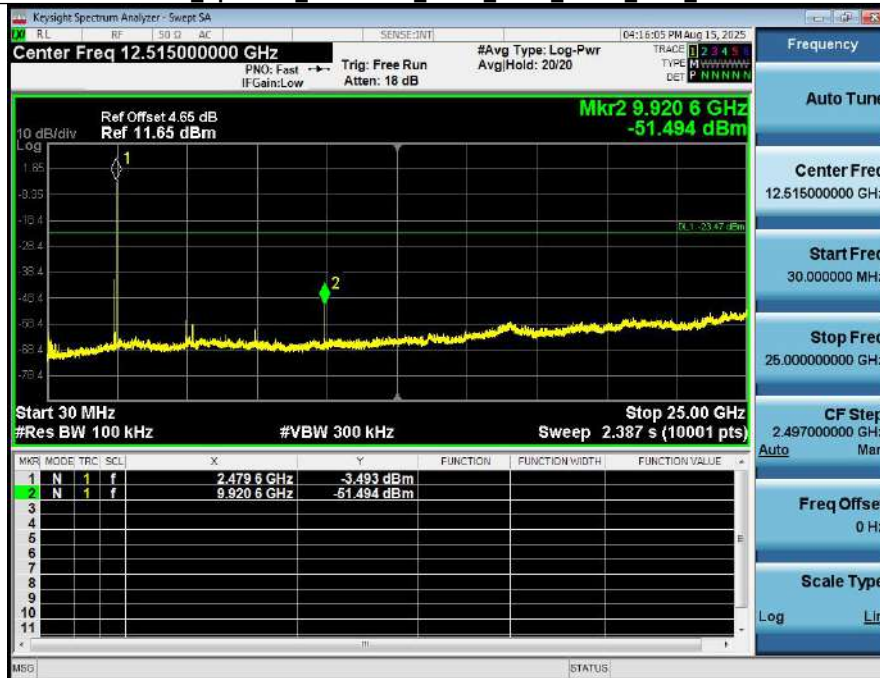
2 Spurious Emissions NVNT ANT1 2-DH1 2441 00



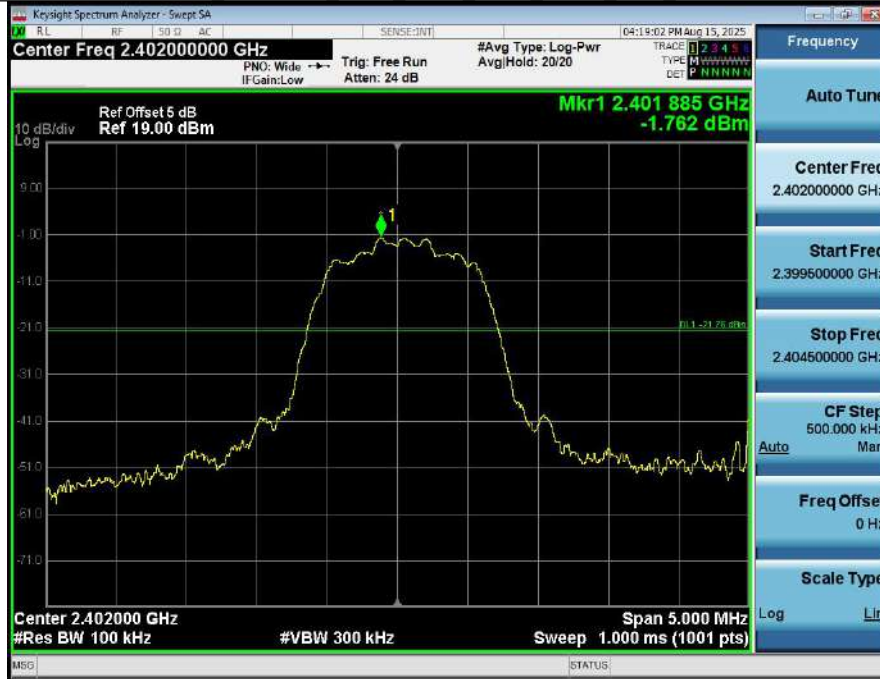
1 Reference Level NVNT ANT1 2-DH1 2480 00



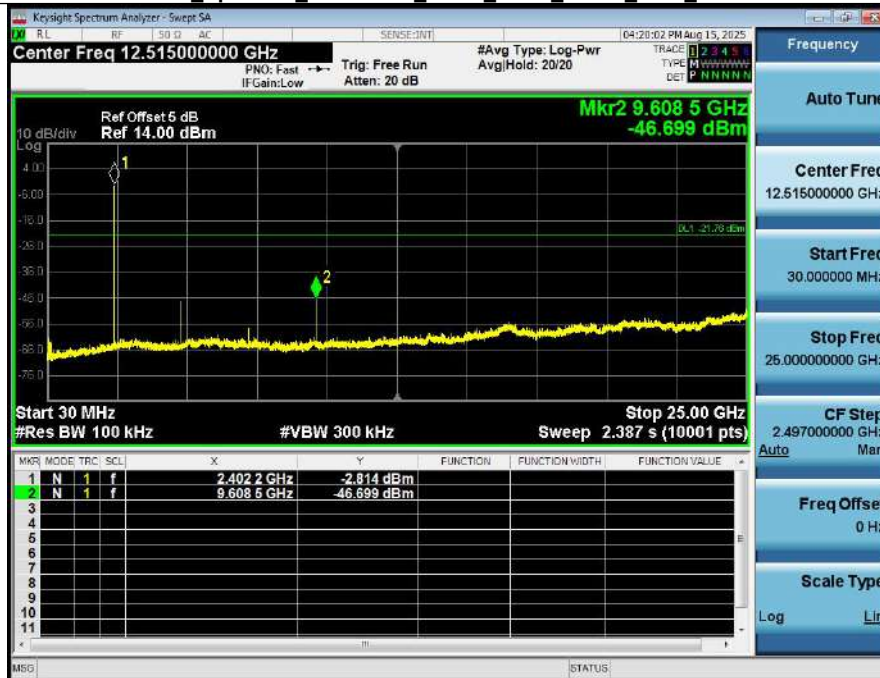
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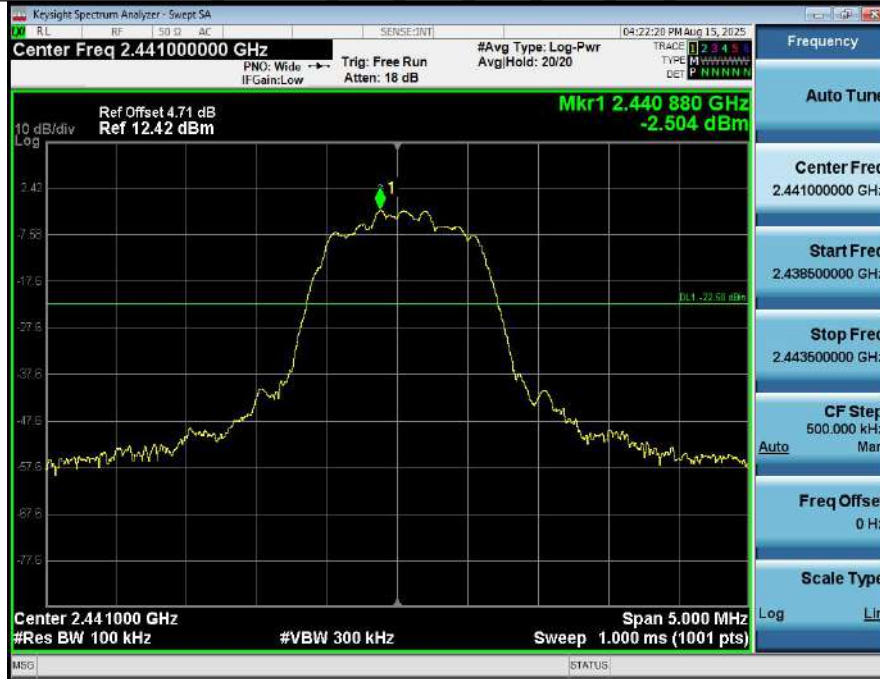
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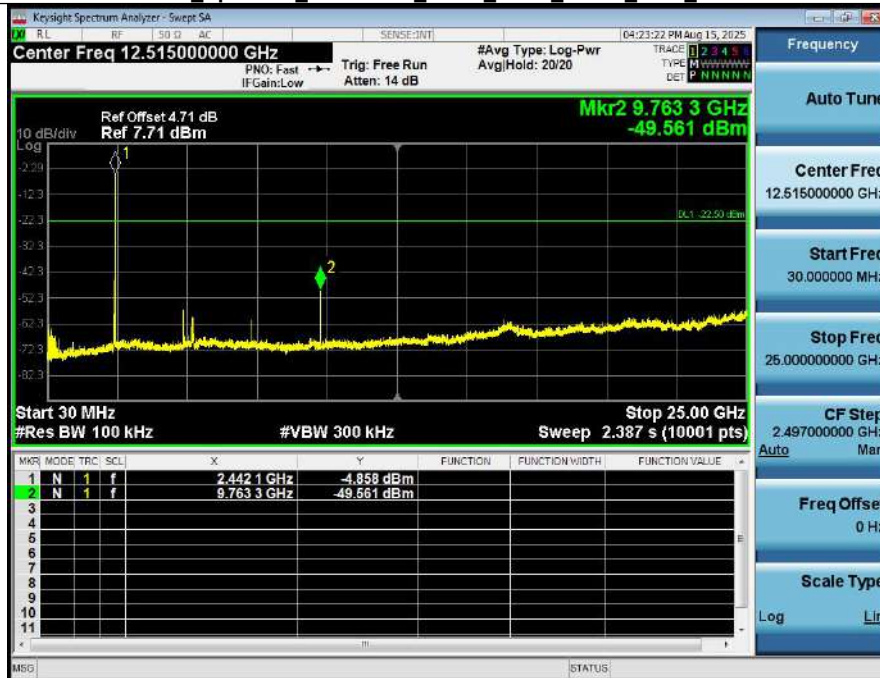
2 Spurious Emissions NVNT ANT1_3-DH1_2402_00



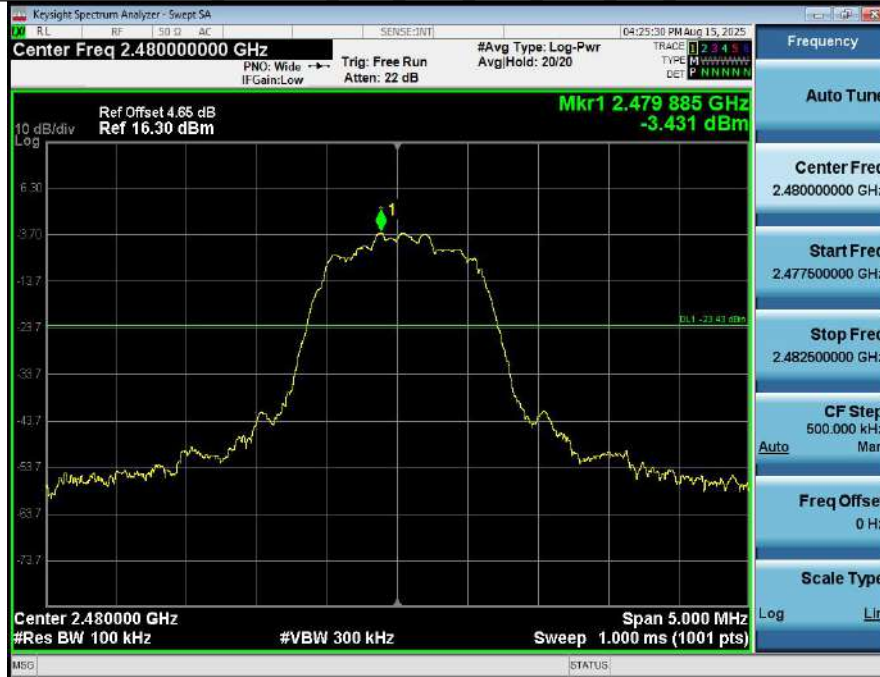
1 Reference Level NVNT ANT1 3-DH1 2441 00



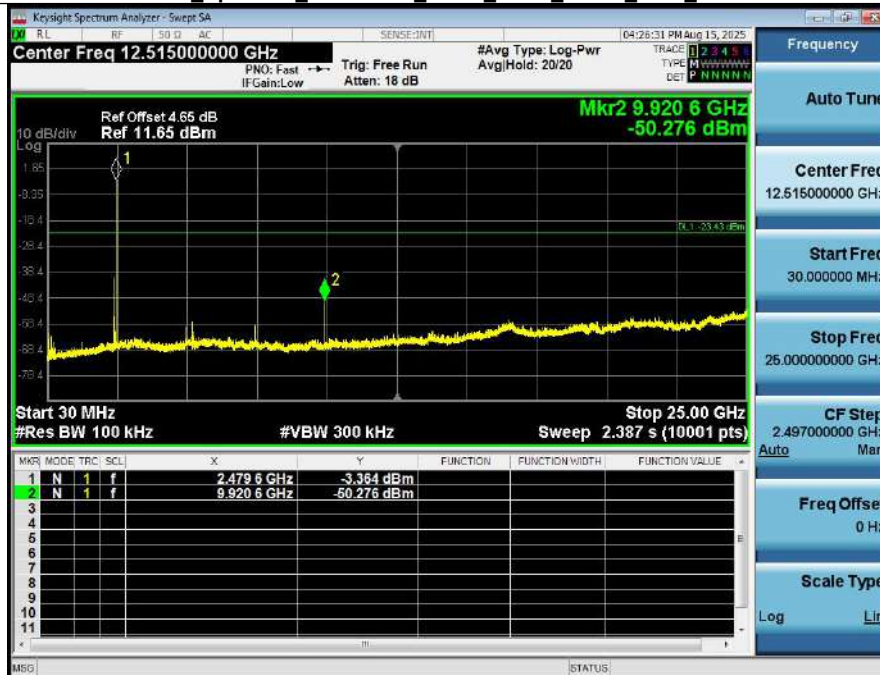
2 Spurious Emissions NVNT ANT1 3-DH1 2441 00



1 Reference Level NVNT ANT1_3-DH1_2480_00



2 Spurious Emissions NVNT ANT1_3-DH1_2480_00

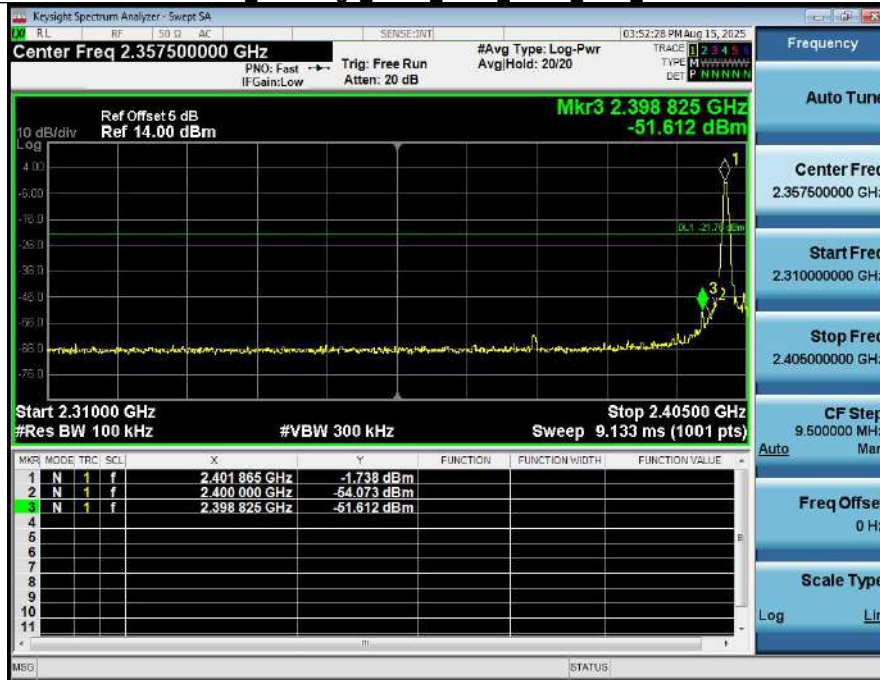


6. Bandedge

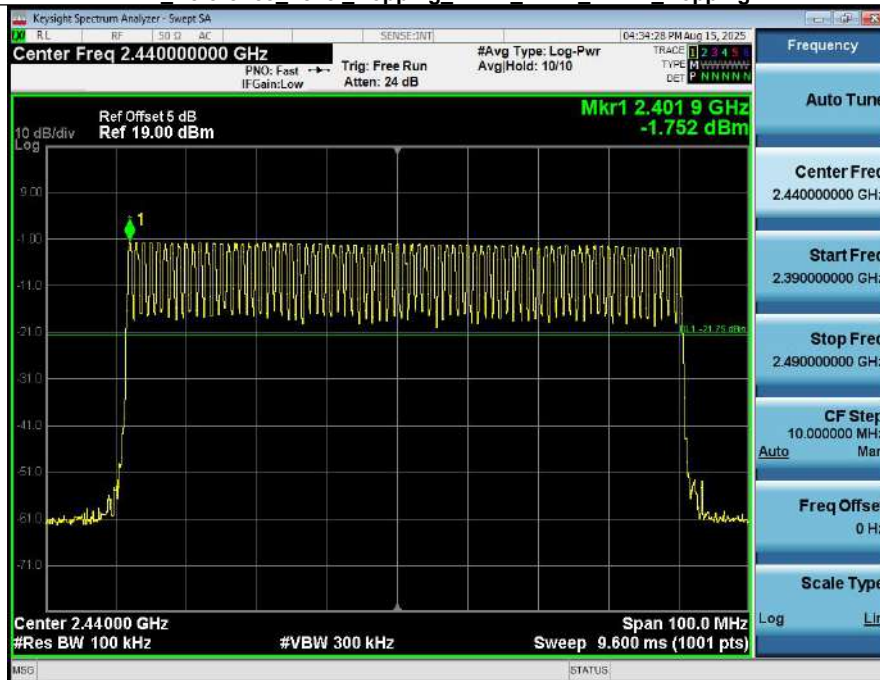
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.755	-51.612	-21.755	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-1.752	-55.346	-21.752	Pass
NVNT	ANT1	1-DH1	2480.00	-3.408	-60.076	-23.408	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-2.015	-60.209	-22.015	Pass
NVNT	ANT1	2-DH1	2402.00	-1.781	-43.829	-21.781	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-1.724	-44.119	-21.724	Pass
NVNT	ANT1	2-DH1	2480.00	-3.465	-51.279	-23.465	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-2.056	-53.163	-22.056	Pass
NVNT	ANT1	3-DH1	2402.00	-1.762	-51.421	-21.762	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-1.734	-54.056	-21.734	Pass
NVNT	ANT1	3-DH1	2480.00	-3.431	-59.052	-23.431	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-2.031	-62.745	-22.031	Pass



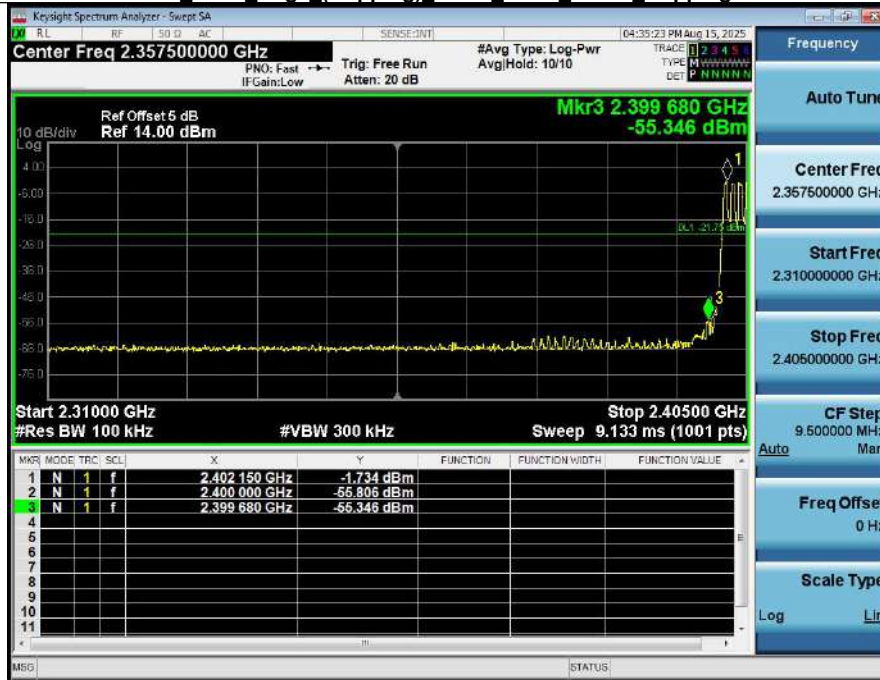
2 Bandedge NVNT ANT1 1-DH1 2402_00



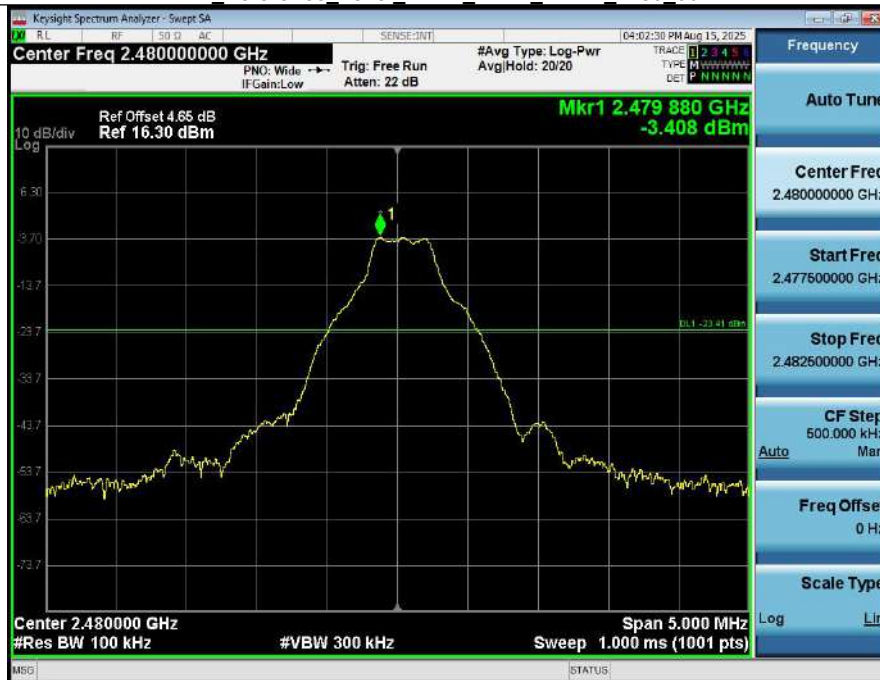
1 Reference Level Hopping NVNT ANT1 1-DH1 Hopping



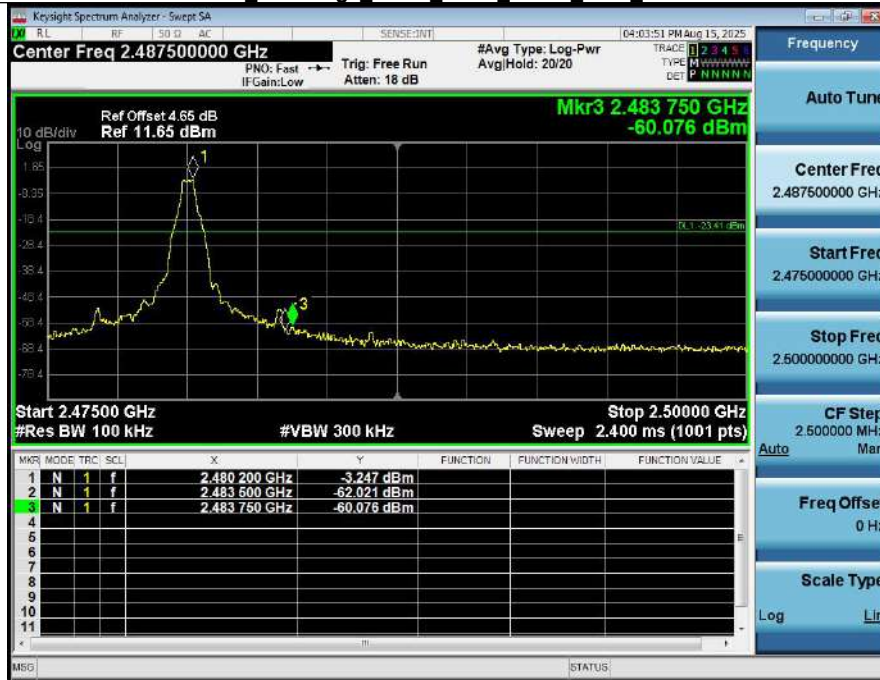
2 Band Edge (Hopping) NVNT ANT1 1-DH1 Hopping



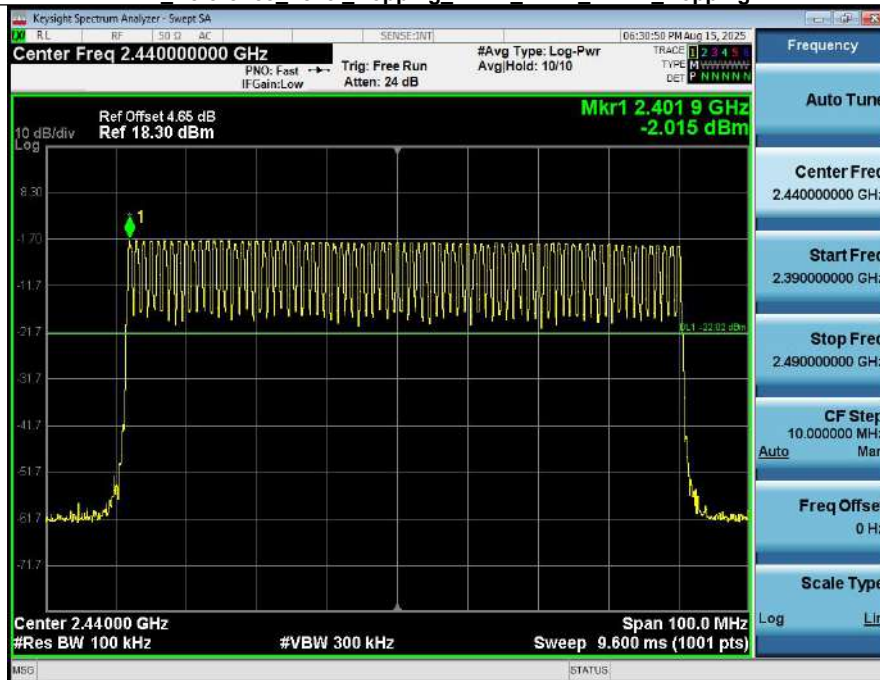
1 Reference Level NVNT ANT1 1-DH1 2480 00



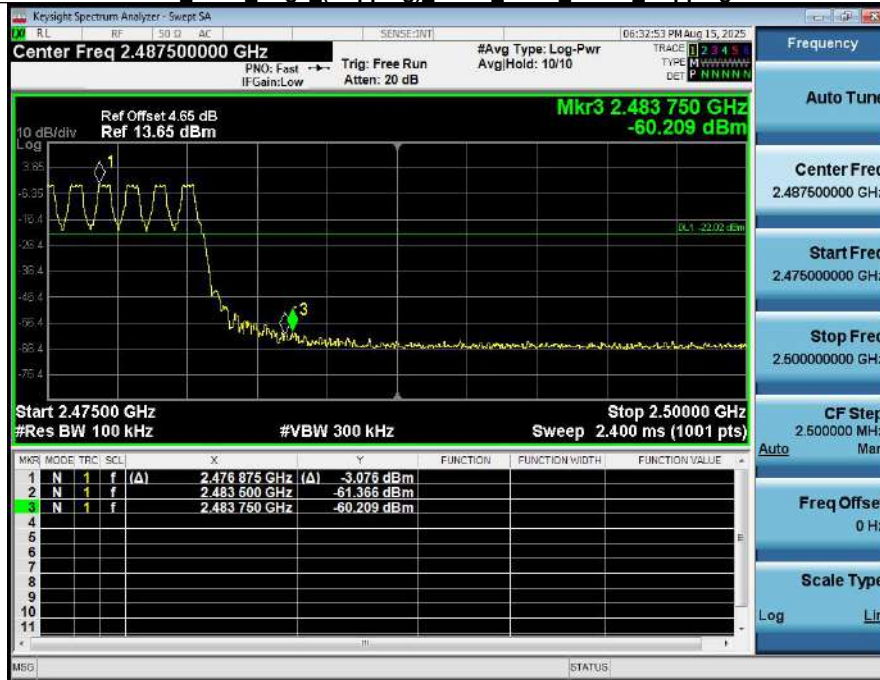
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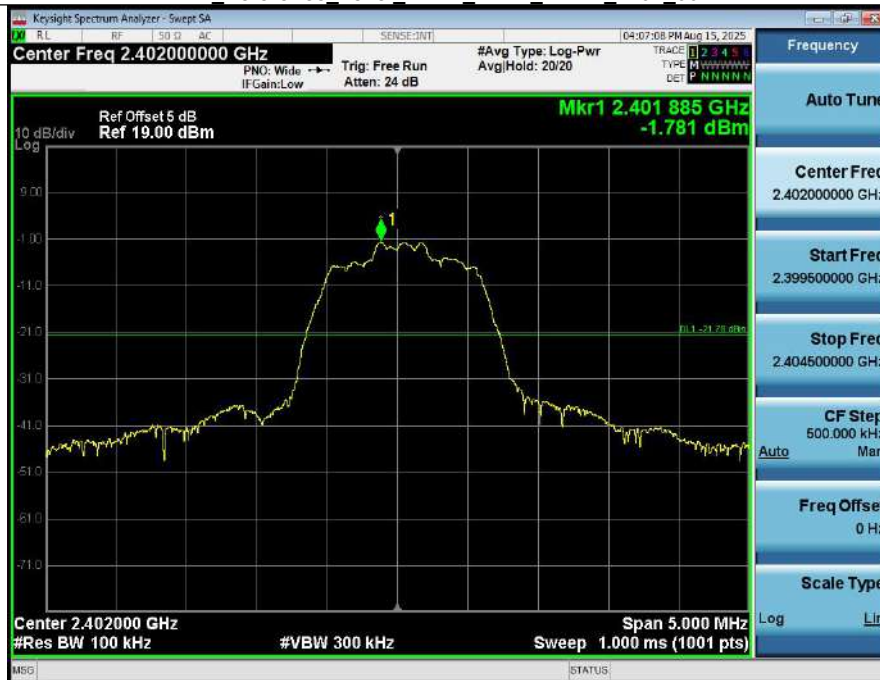
1 Reference Level Hopping NVNT ANT1 1-DH1 Hopping



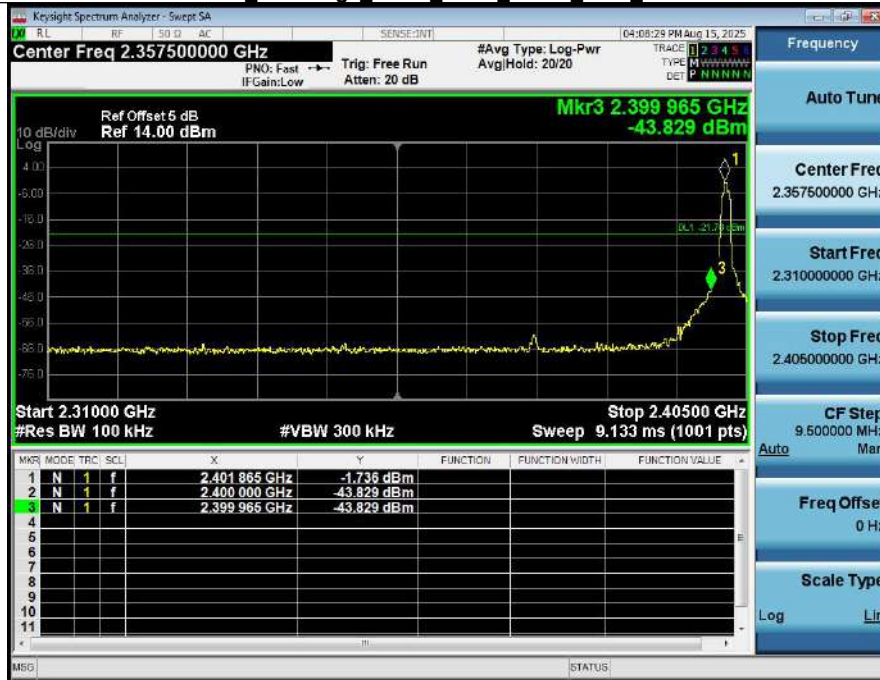
2 Band Edge (Hopping) NVNT ANT1 1-DH1 Hopping



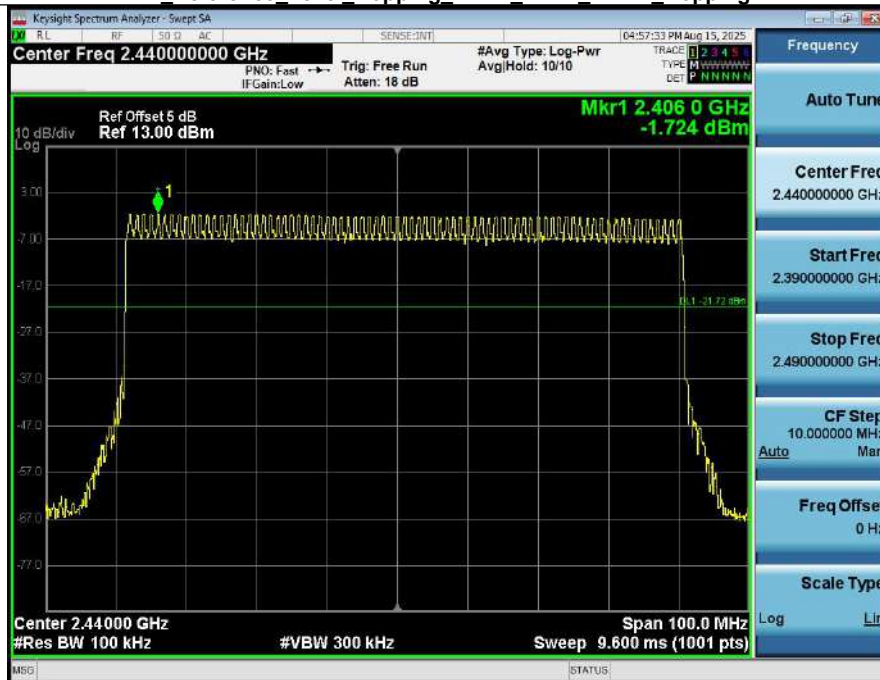
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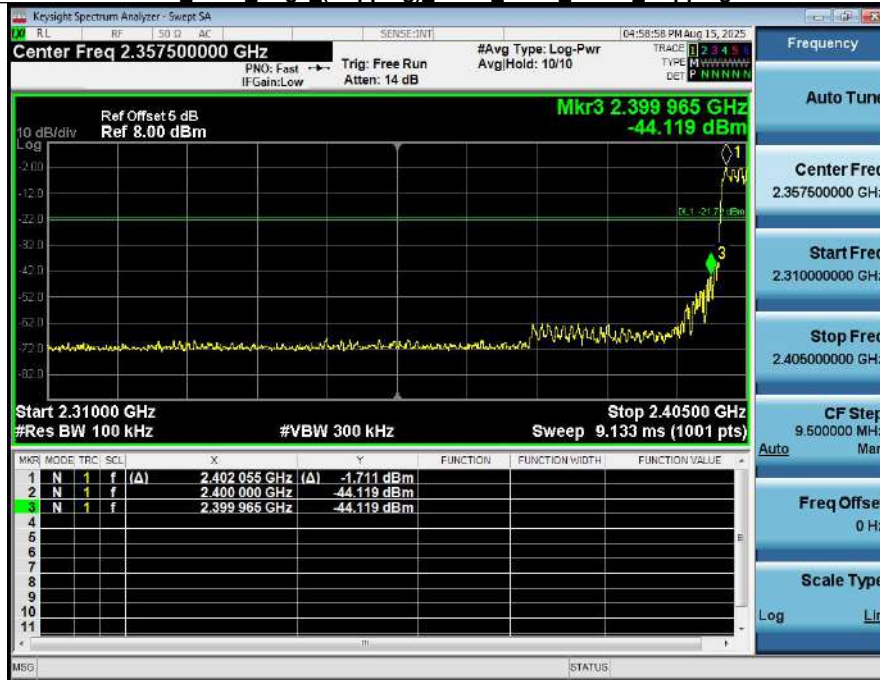
2 Bandedge NVNT ANT1 2-DH1 2402_00



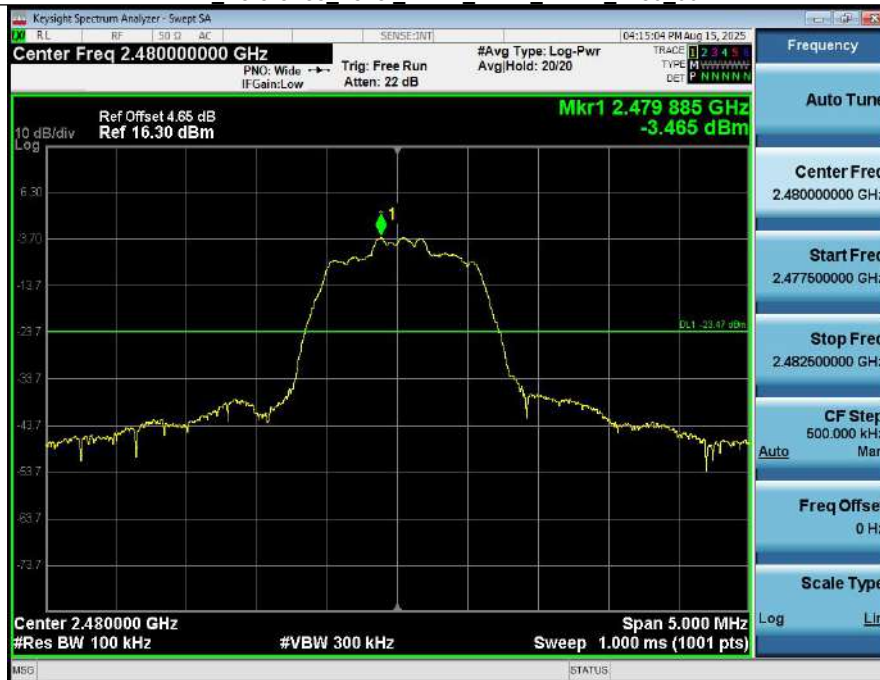
1 Reference Level Hopping NVNT ANT1 2-DH1 Hopping



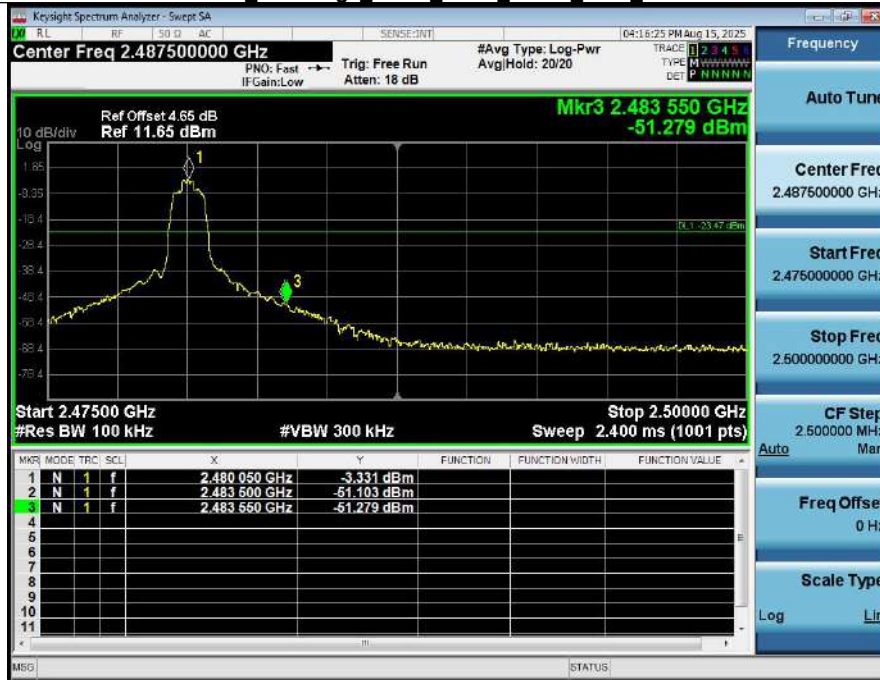
2 Band Edge (Hopping) NVNT ANT1 2-DH1 Hopping



1 Reference Level NVNT ANT1 2-DH1 2480 00



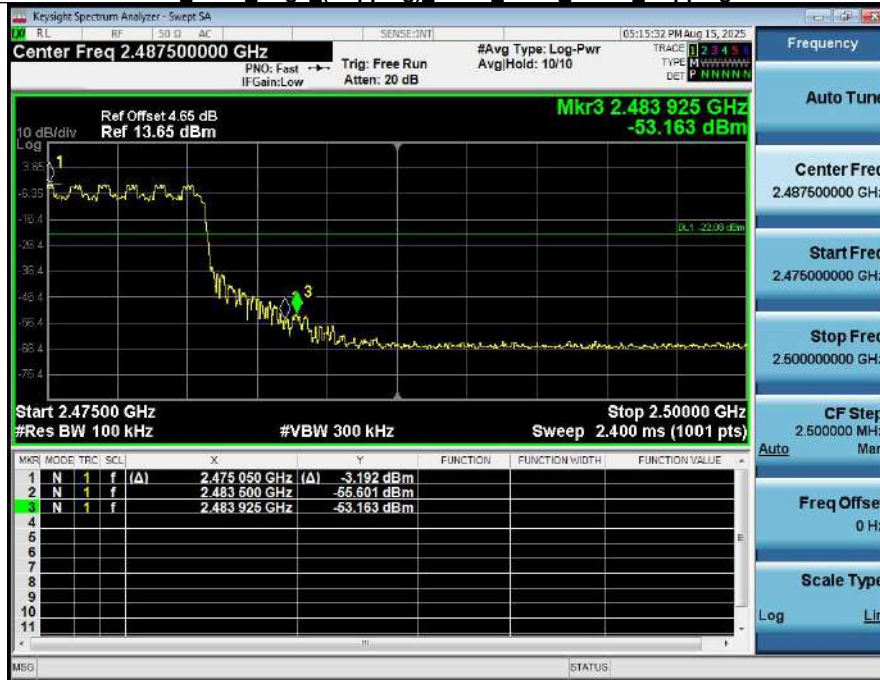
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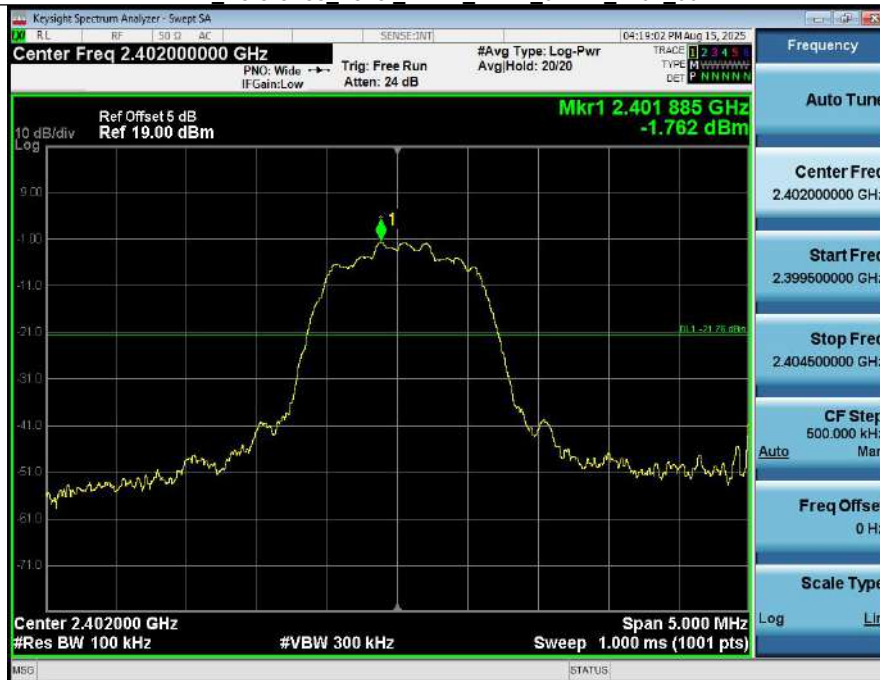
1 Reference Level Hopping NVNT ANT1 2-DH1 Hopping



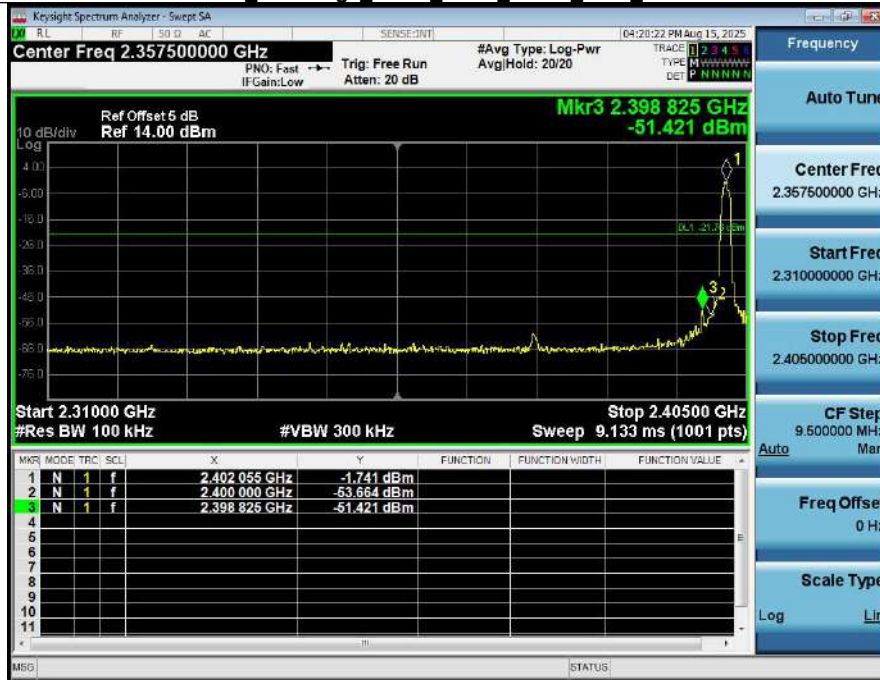
2 Band Edge (Hopping) NVNT ANT1 2-DH1 Hopping



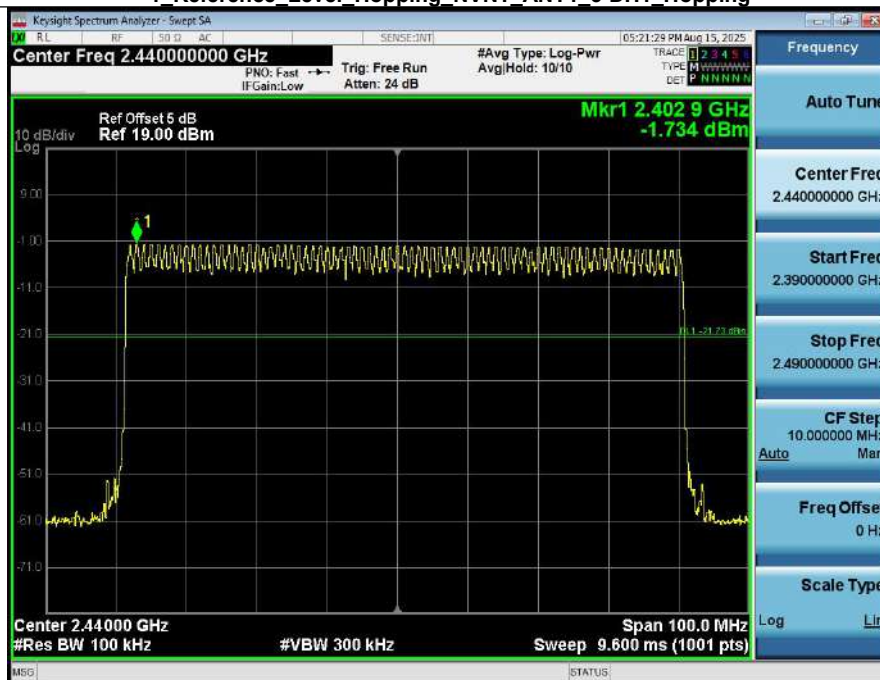
1 Reference Level NVNT ANT1 3-DH1 2402_00



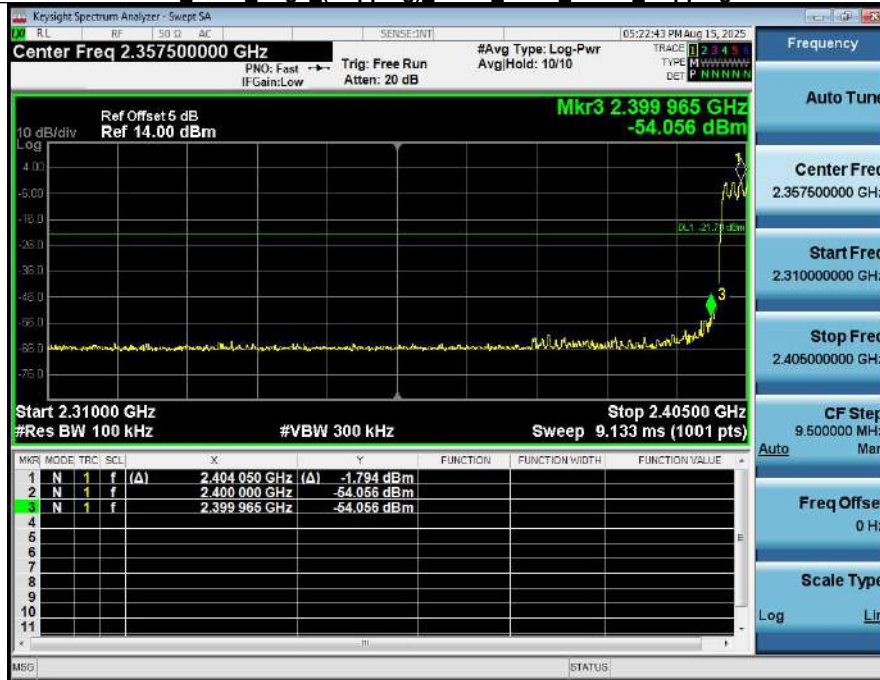
2 Bandedge NVNT ANT1 3-DH1 2402_00



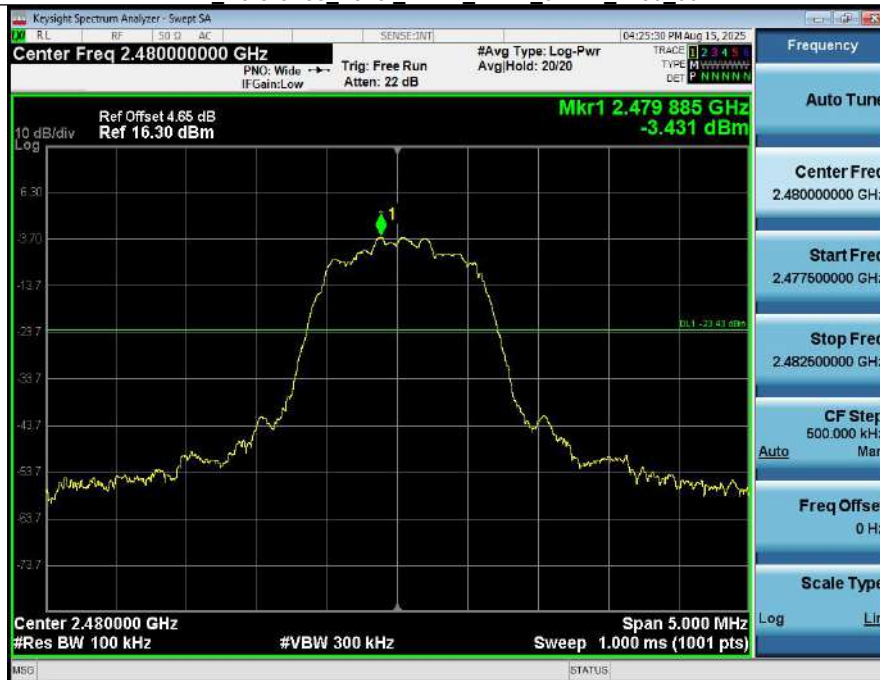
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



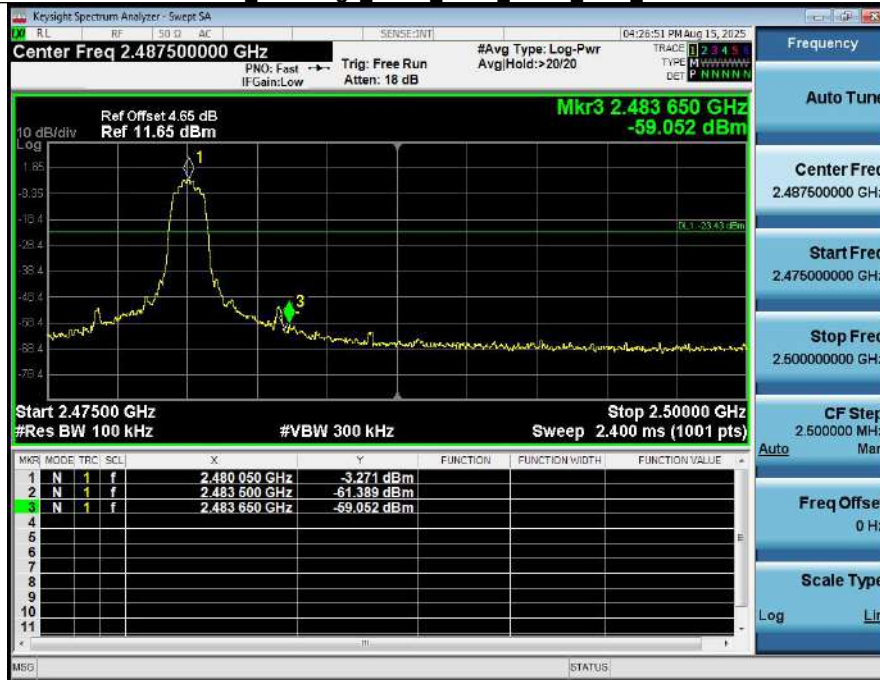
2 Band Edge (Hopping) NVNT ANT1 3-DH1 Hopping



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

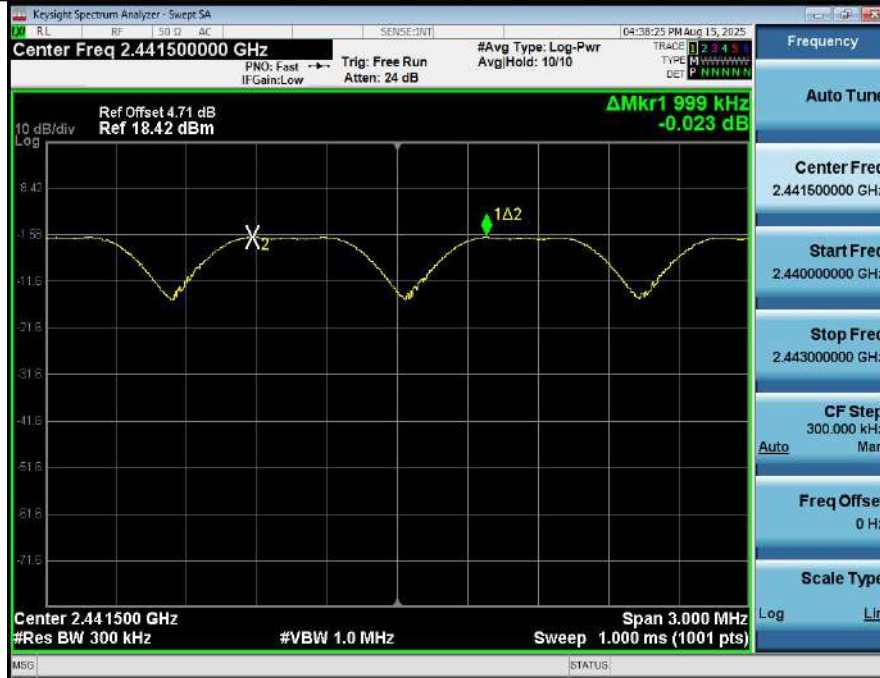


7. Carrier Frequencies Separation (Hopping)

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	2401.882	2402.884	1.00	0.856	Pass
NVNT	ANT1	1-DH1	2441.00	2440.882	2441.881	1.00	0.867	Pass
NVNT	ANT1	1-DH1	2480.00	2478.870	2479.881	1.01	0.850	Pass
NVNT	ANT1	2-DH1	2402.00	2401.897	2402.887	0.99	0.842	Pass
NVNT	ANT1	2-DH1	2441.00	2440.891	2441.878	0.99	0.842	Pass
NVNT	ANT1	2-DH1	2480.00	2478.870	2479.881	1.01	0.843	Pass
NVNT	ANT1	3-DH1	2402.00	2402.020	2403.028	1.01	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2441.047	2442.043	1.00	0.818	Pass
NVNT	ANT1	3-DH1	2480.00	2479.044	2480.046	1.00	0.817	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

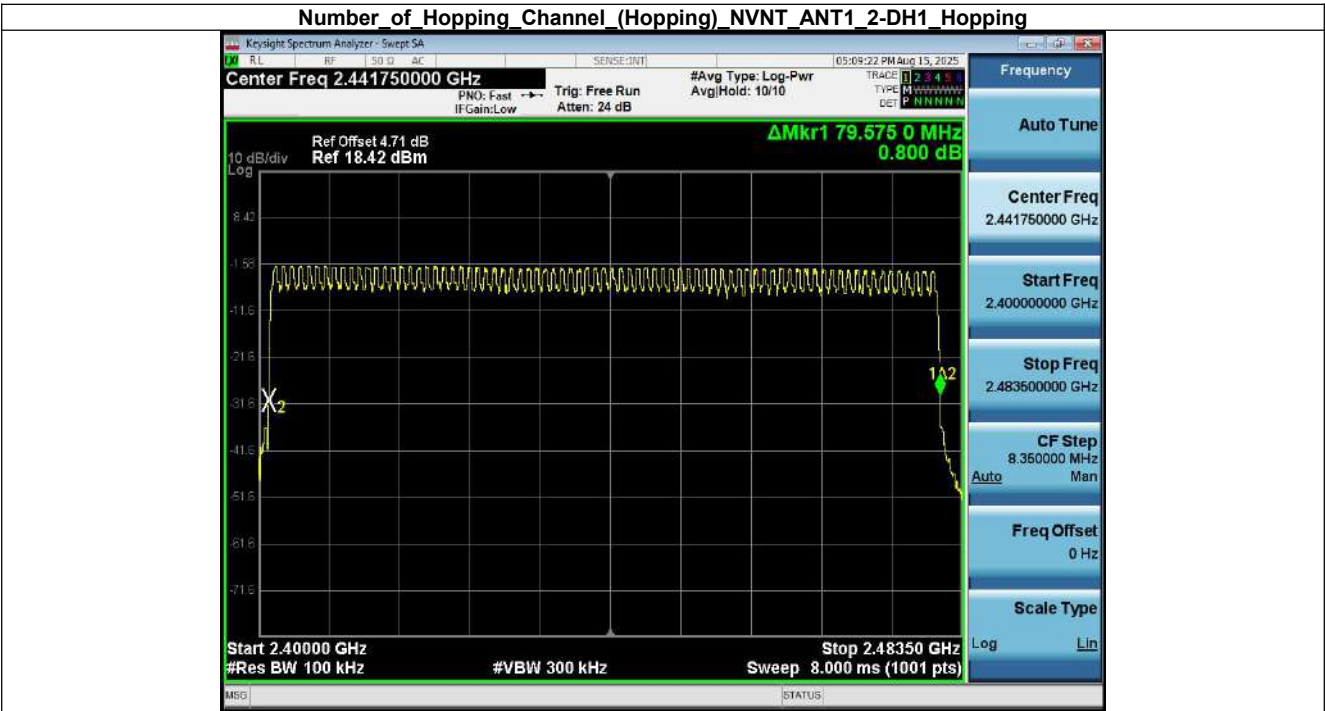
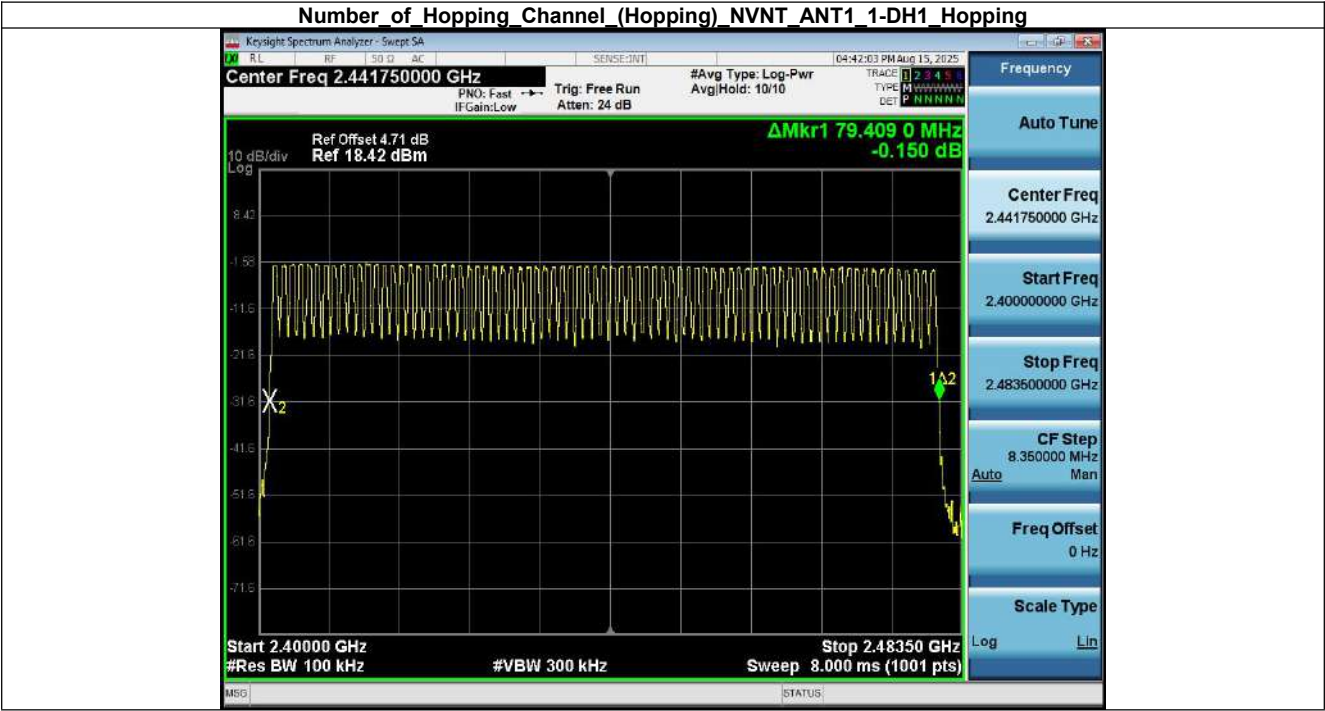


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

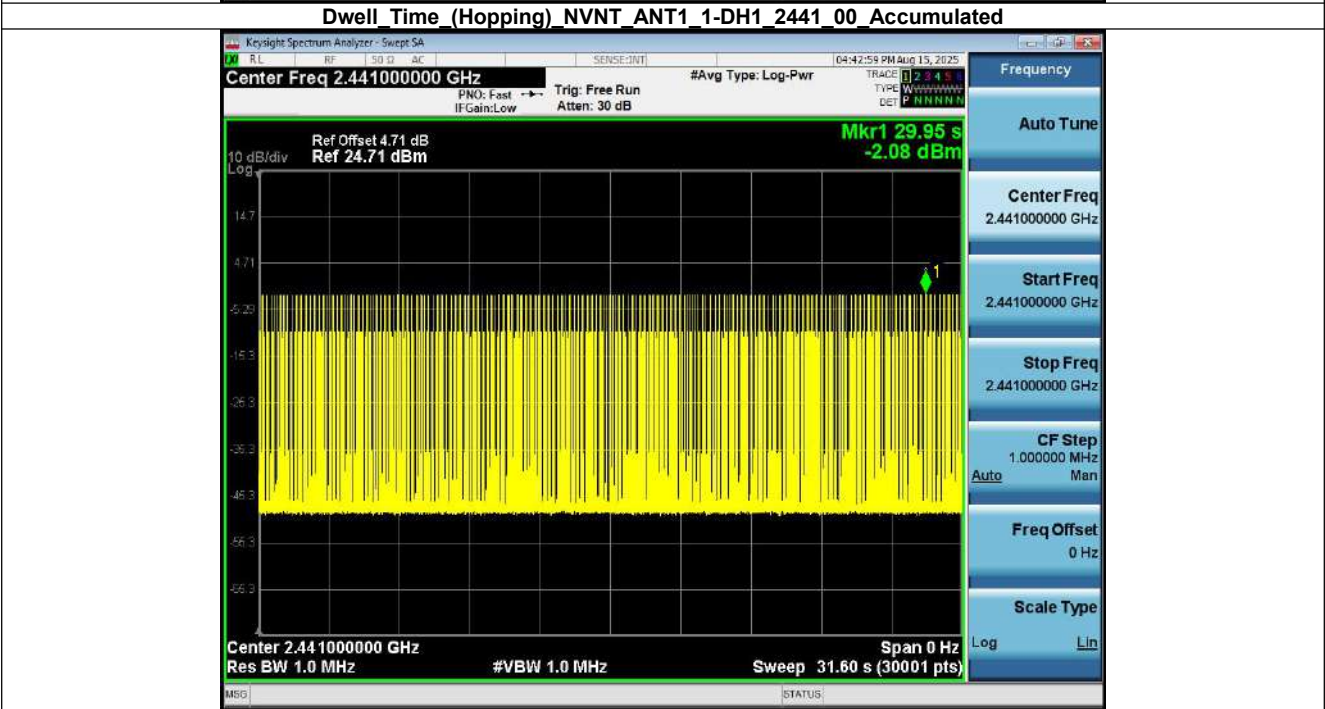
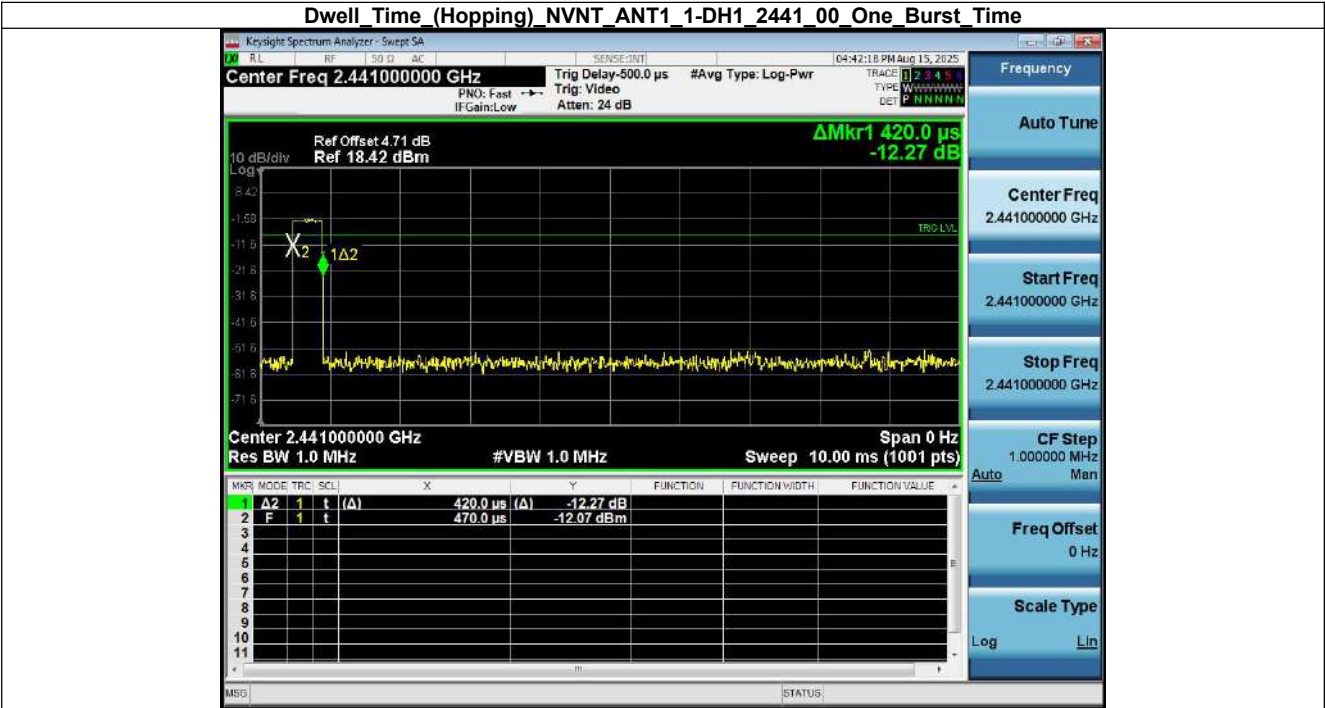


Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping

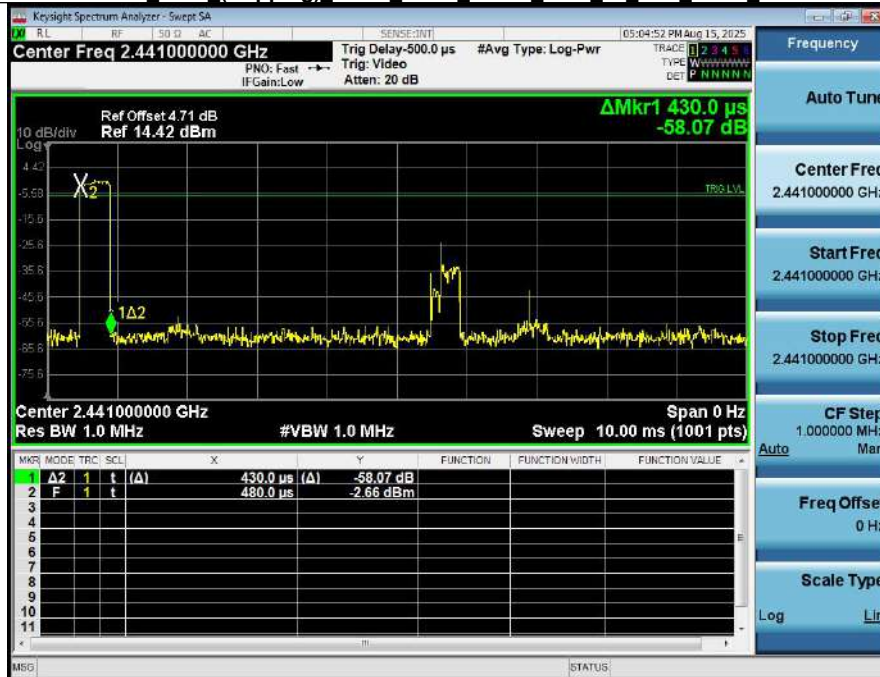


9. Dwell Time (Hopping)

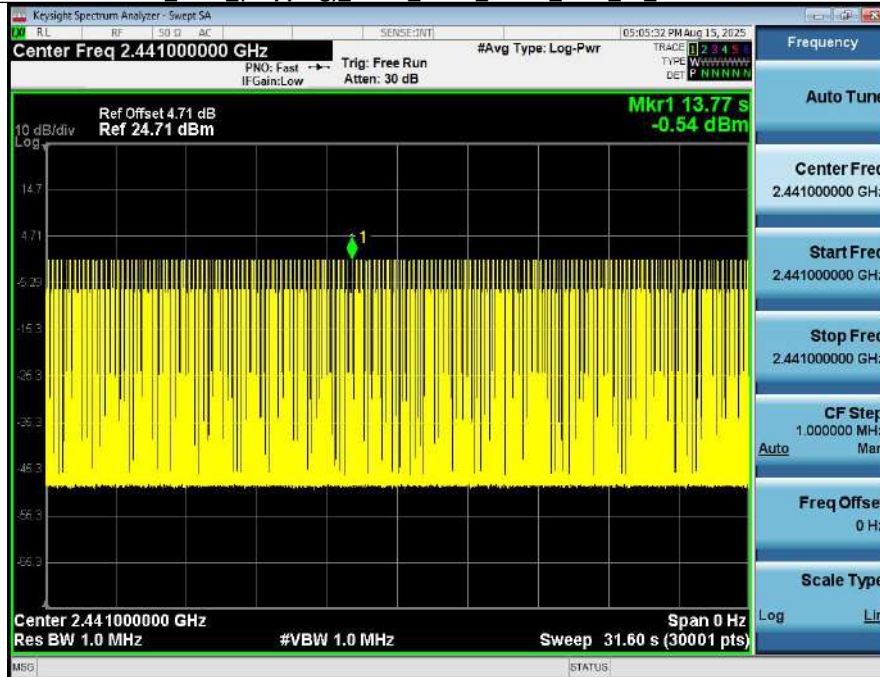
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	2-DH1	0.430	320.00	137.600	0.40	Pass
NVNT	ANT1	3-DH1	0.430	320.00	137.600	0.40	Pass
NVNT	ANT1	1-DH3	1.680	157.00	263.760	0.40	Pass
NVNT	ANT1	1-DH5	2.930	106.00	310.580	0.40	Pass
NVNT	ANT1	2-DH3	1.680	170.00	285.600	0.40	Pass
NVNT	ANT1	2-DH5	2.930	112.00	328.160	0.40	Pass
NVNT	ANT1	3-DH3	1.680	160.00	268.800	0.40	Pass
NVNT	ANT1	3-DH5	2.920	116.00	338.720	0.40	Pass



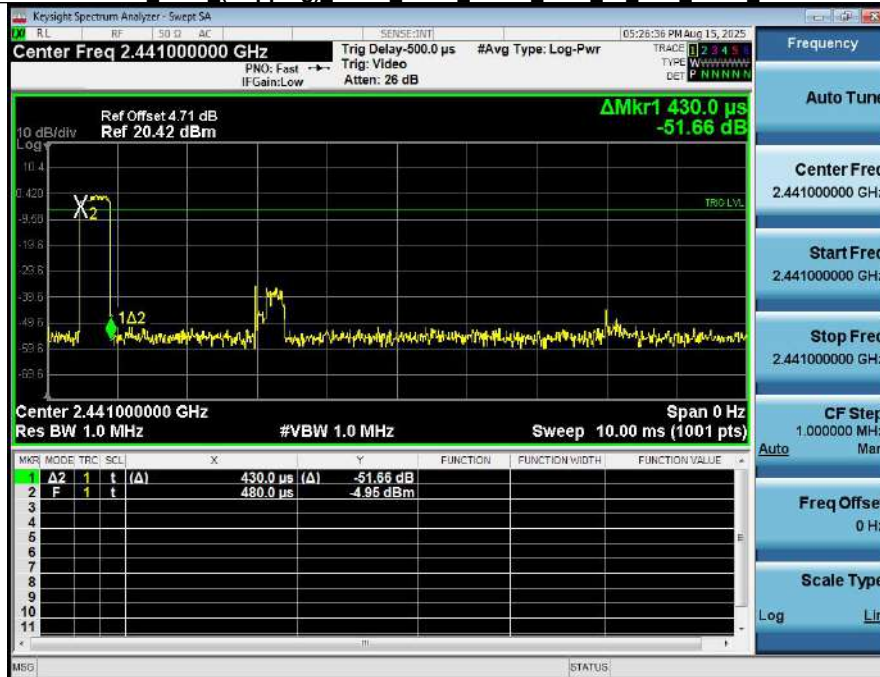
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00 One Burst Time



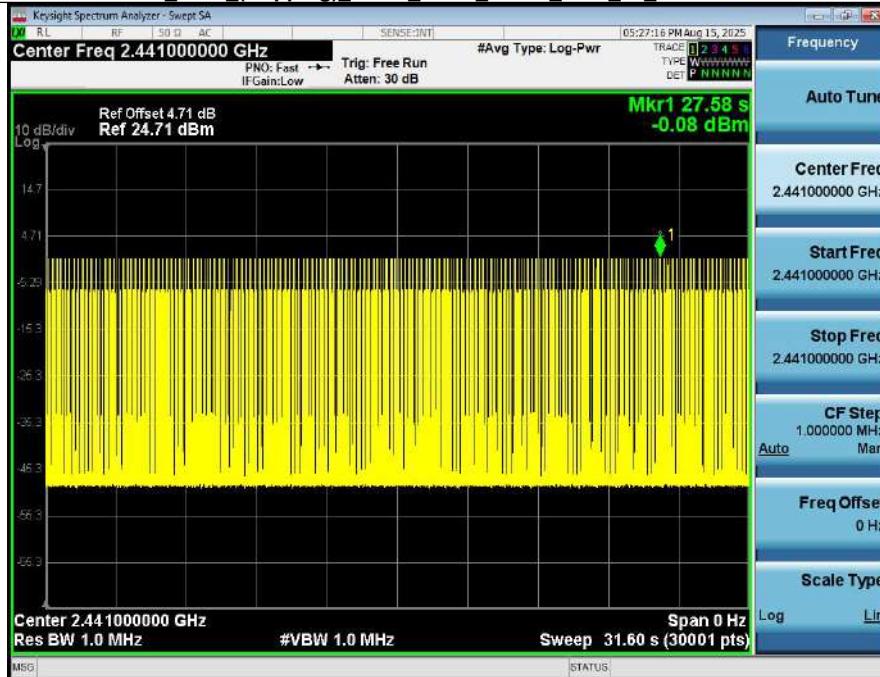
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00 Accumulated



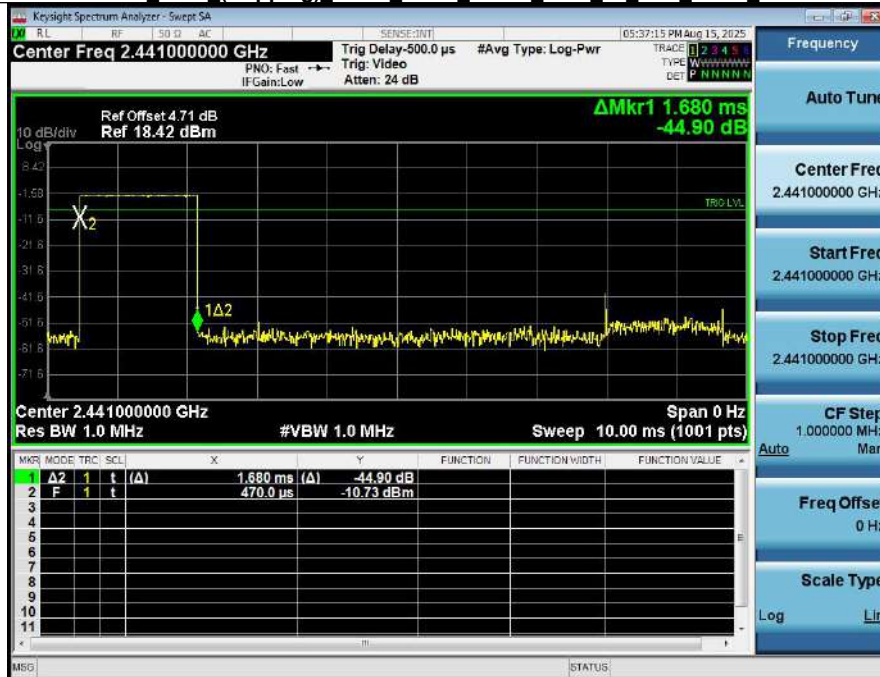
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00 One Burst Time



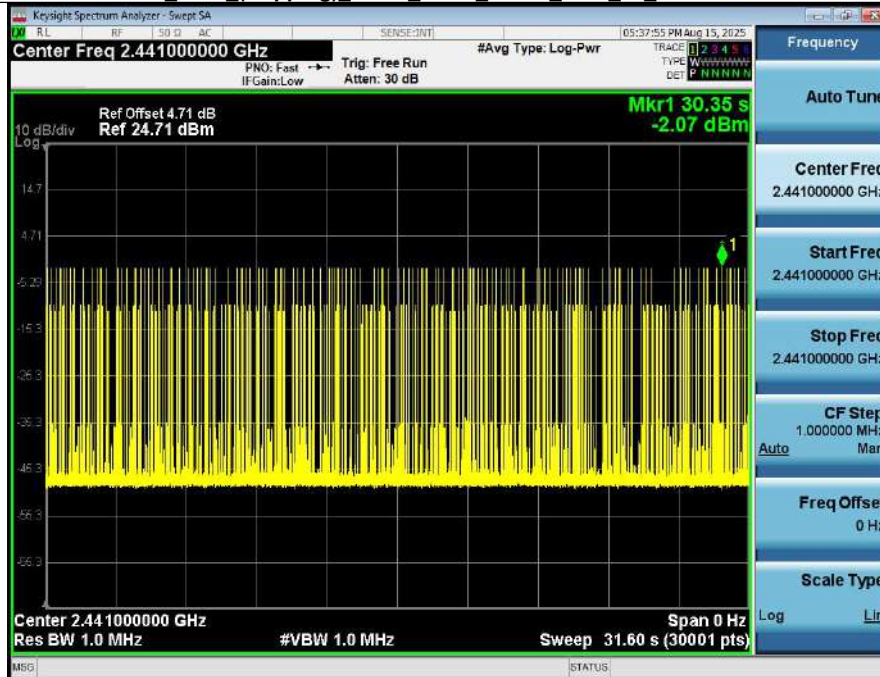
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00 Accumulated



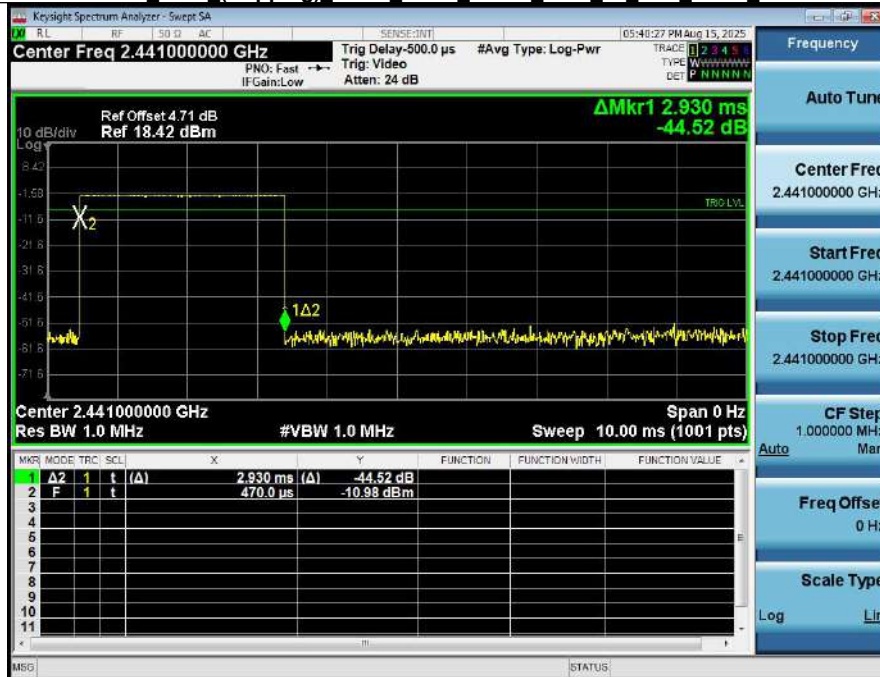
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00 One Burst Time



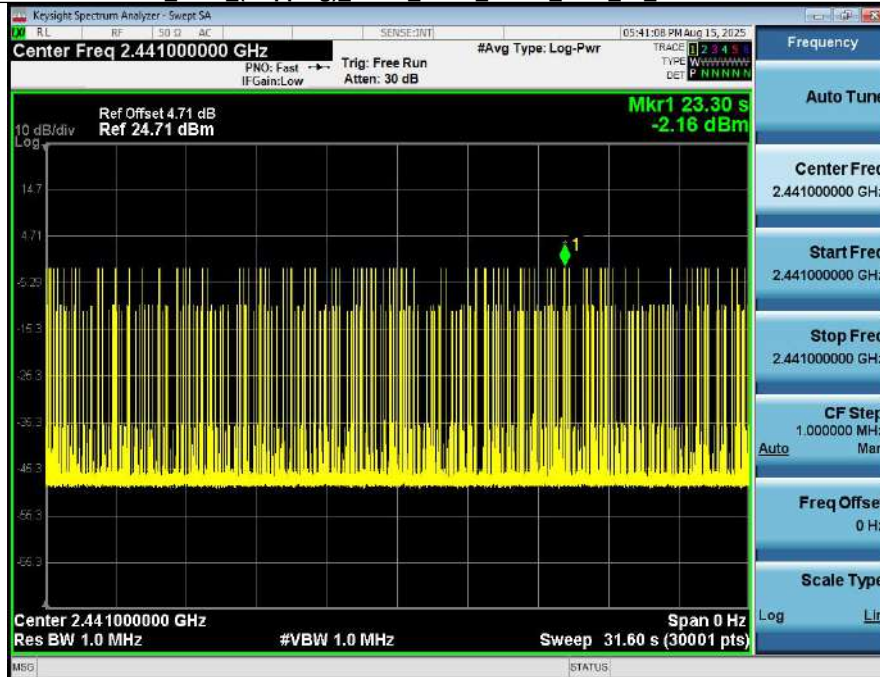
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00 Accumulated



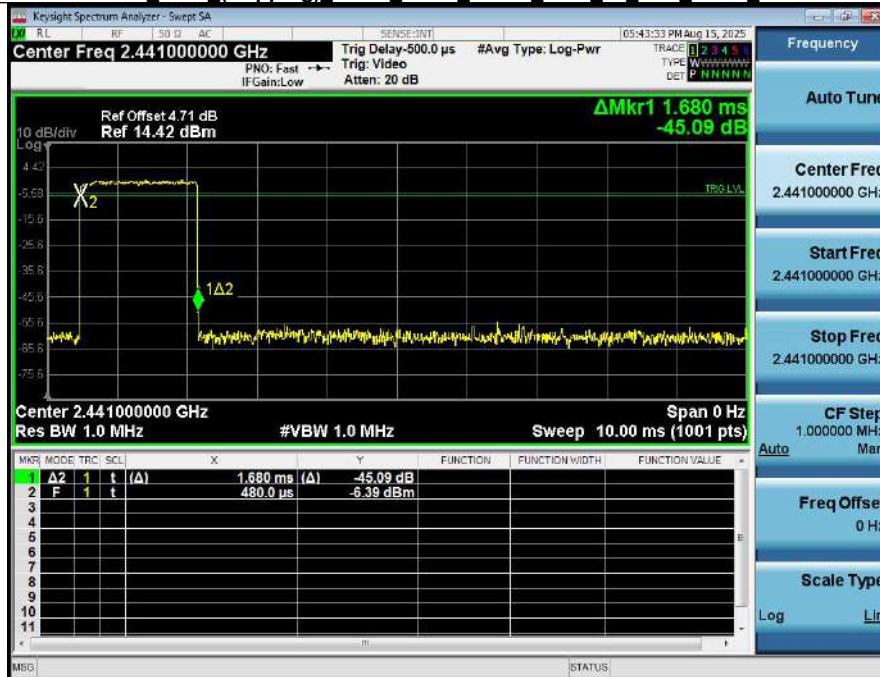
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00 One Burst Time



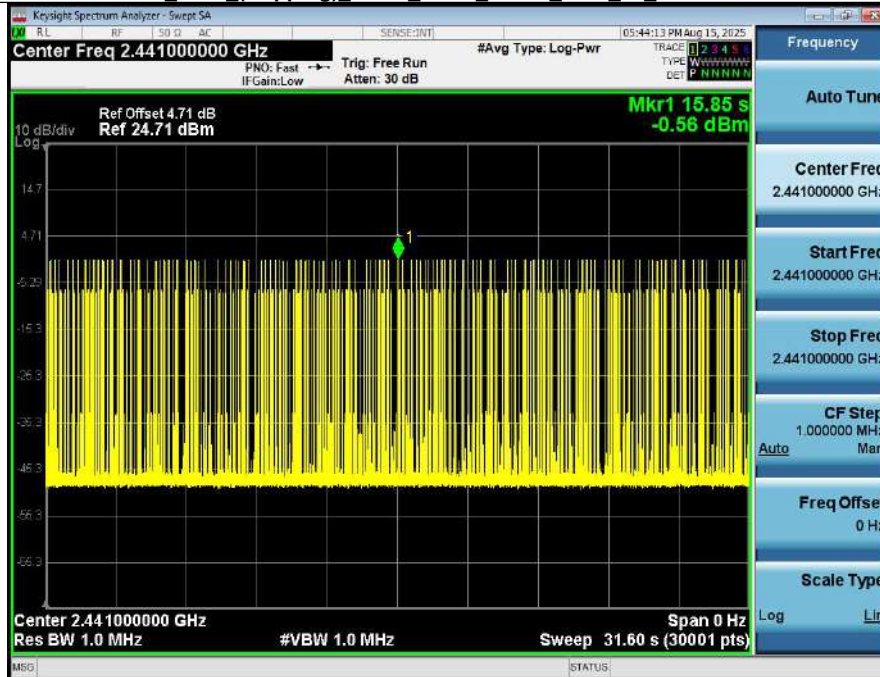
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00 Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00 One Burst Time



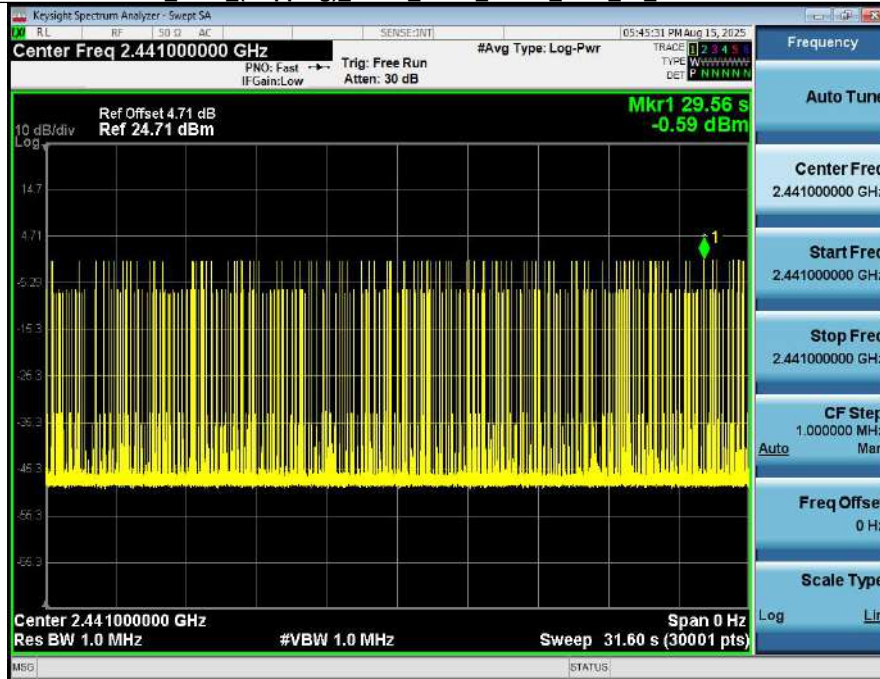
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00 Accumulated



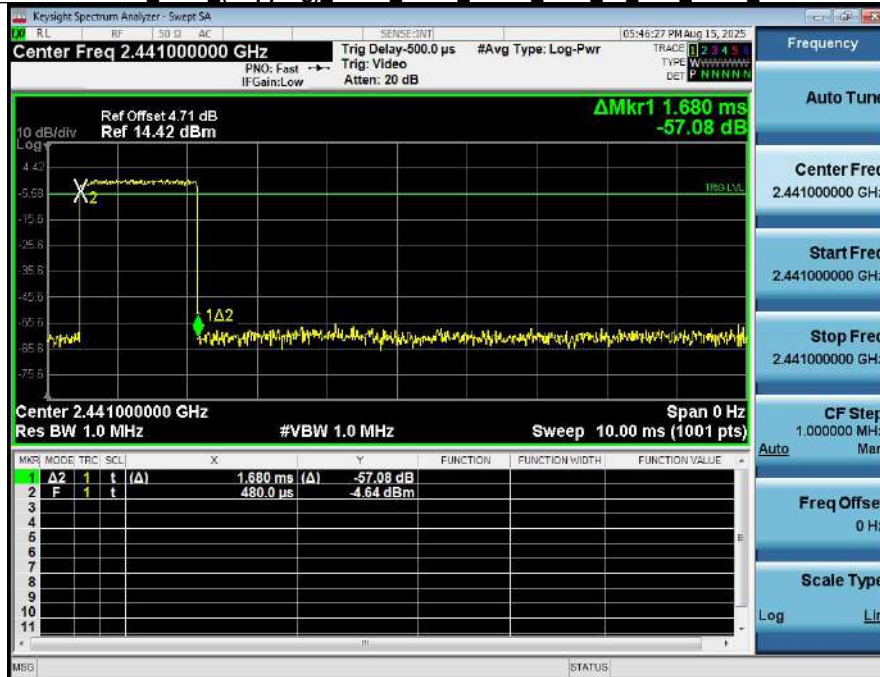
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00 One Burst Time



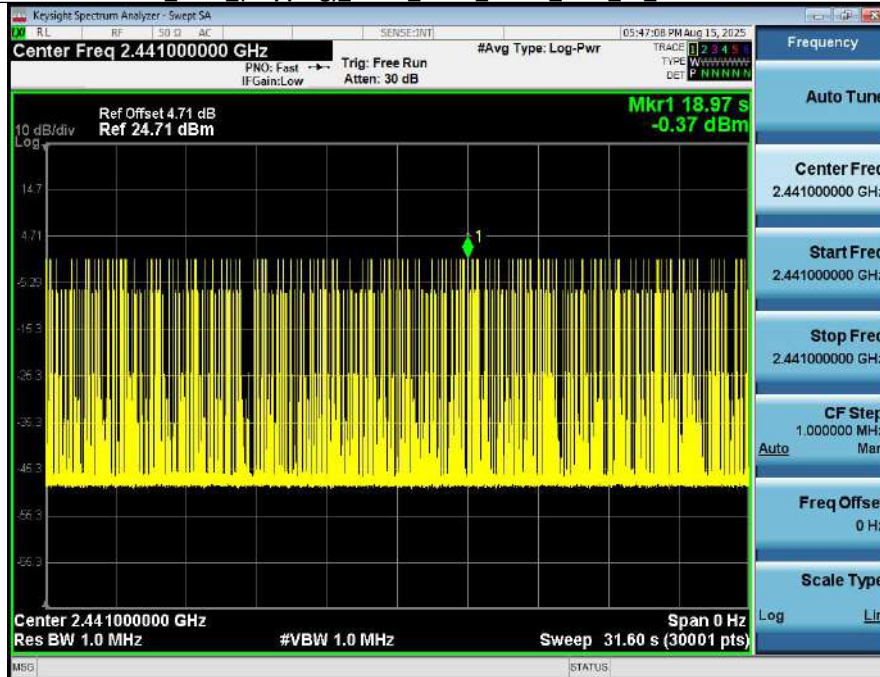
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00 Accumulated



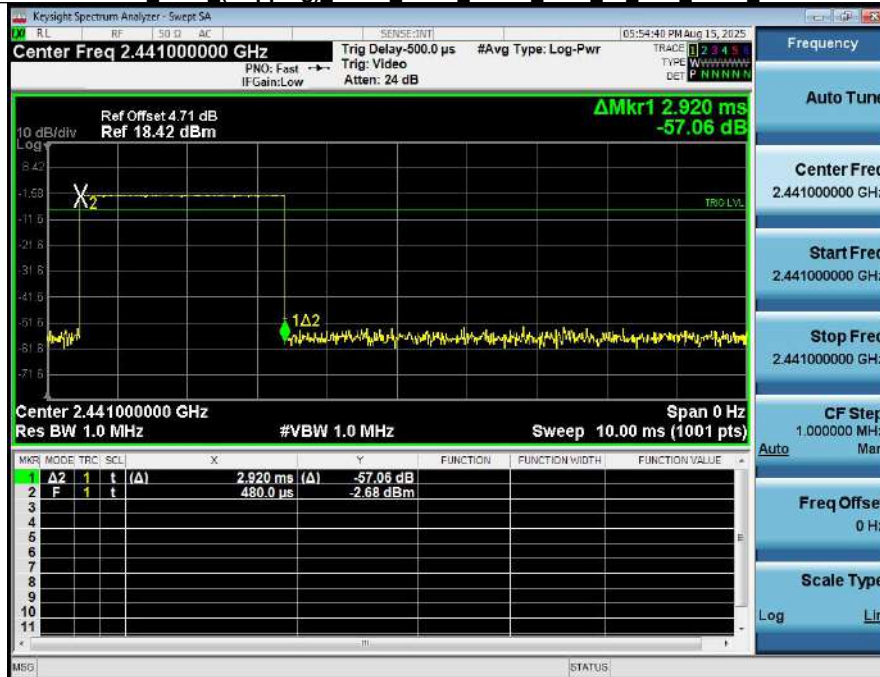
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00 One Burst Time



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

