

FCC ID EDR
FCC ID:2BTSB-YX85
FCC_EDR (Part15.247) Test Data

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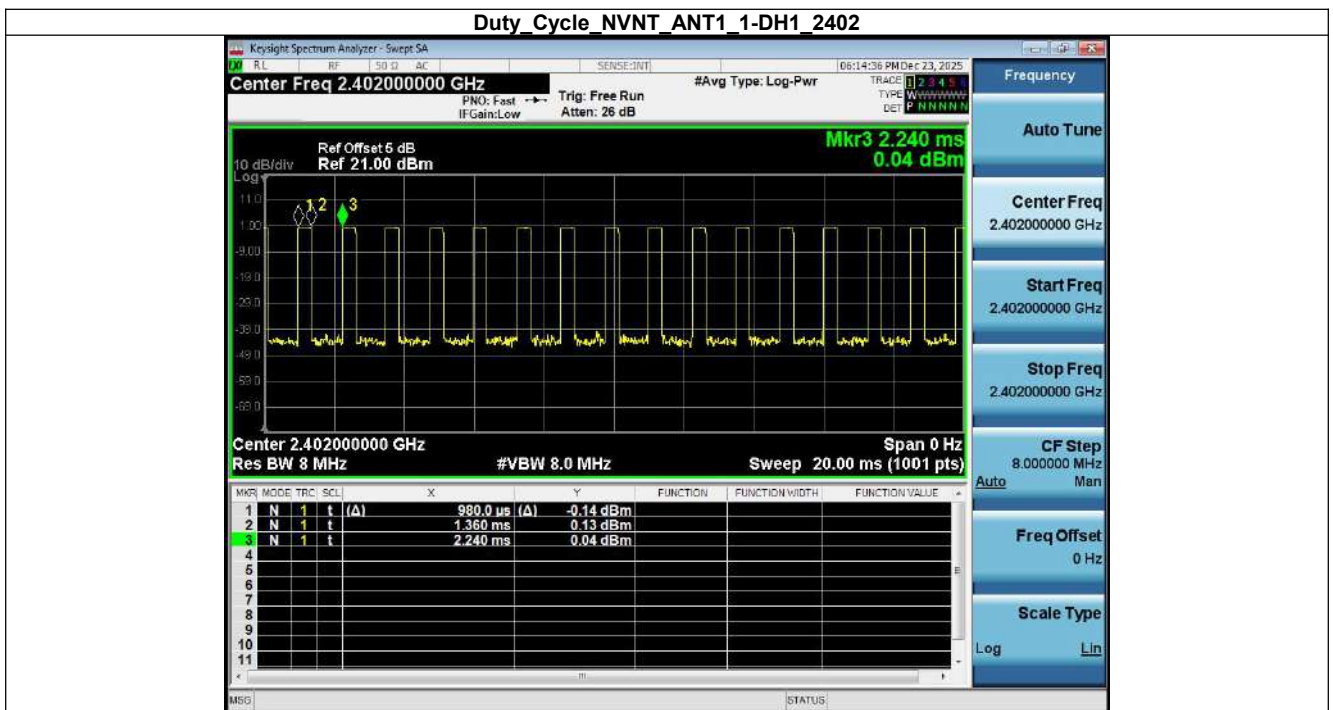
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FCC ID EDR

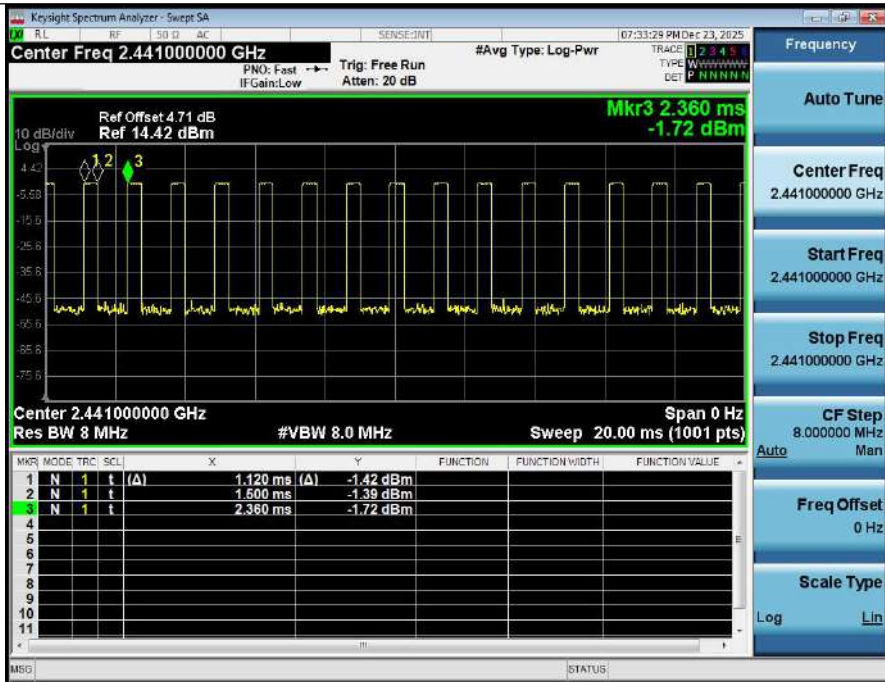
FCC_BT (Part15.247) Test Data

1. Duty Cycle

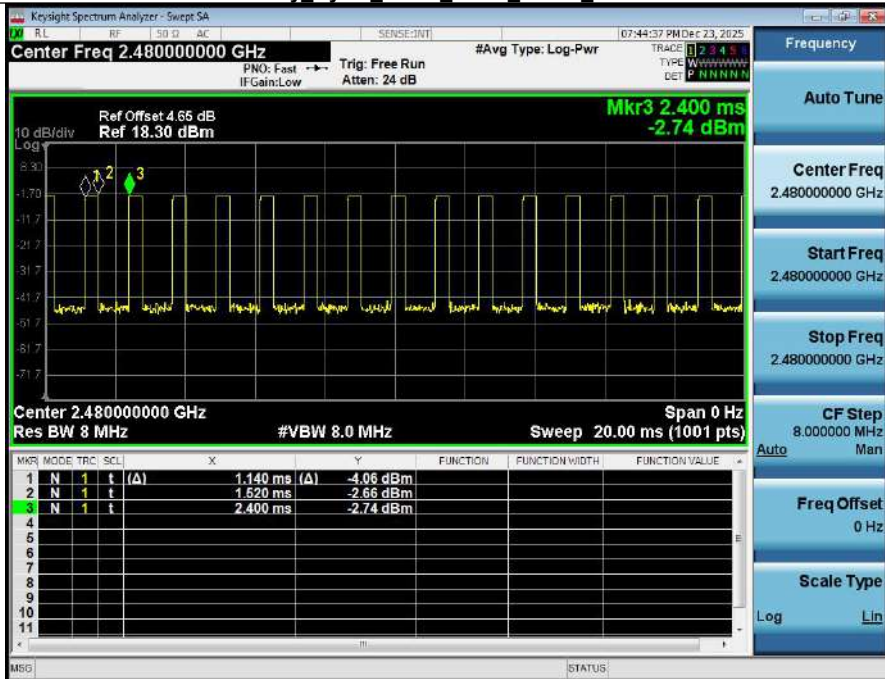
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	32.26	4.91
NVNT	ANT1	1-DH1	2480.00	31.75	4.98
NVNT	ANT1	2-DH1	2402.00	33.33	4.77
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	31.75	4.98
NVNT	ANT1	3-DH1	2402.00	31.75	4.98
NVNT	ANT1	3-DH1	2441.00	30.65	5.14
NVNT	ANT1	3-DH1	2480.00	30.65	5.14



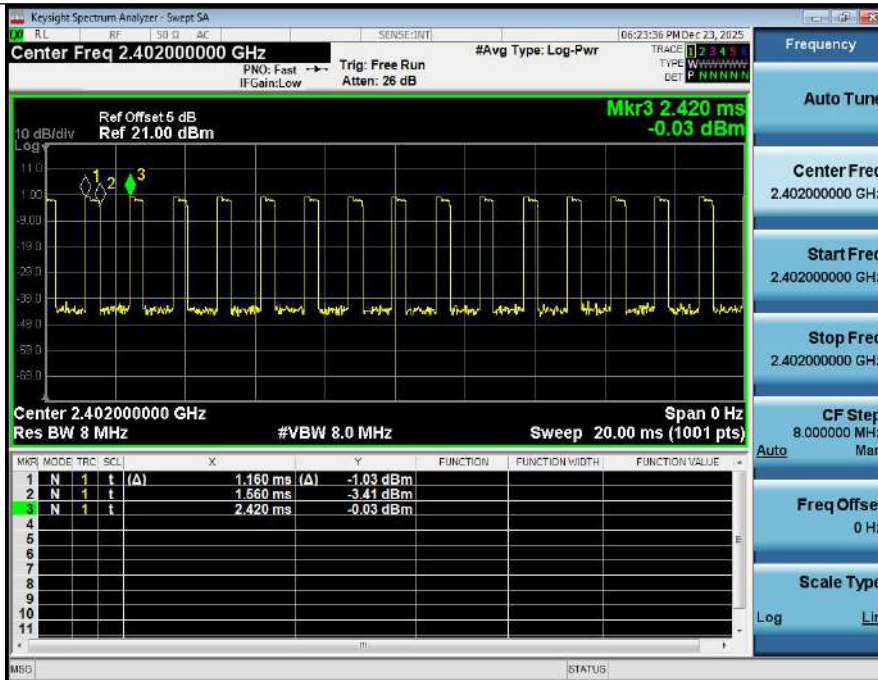
Duty_Cycle_NVNT_ANT1_1-DH1_2441



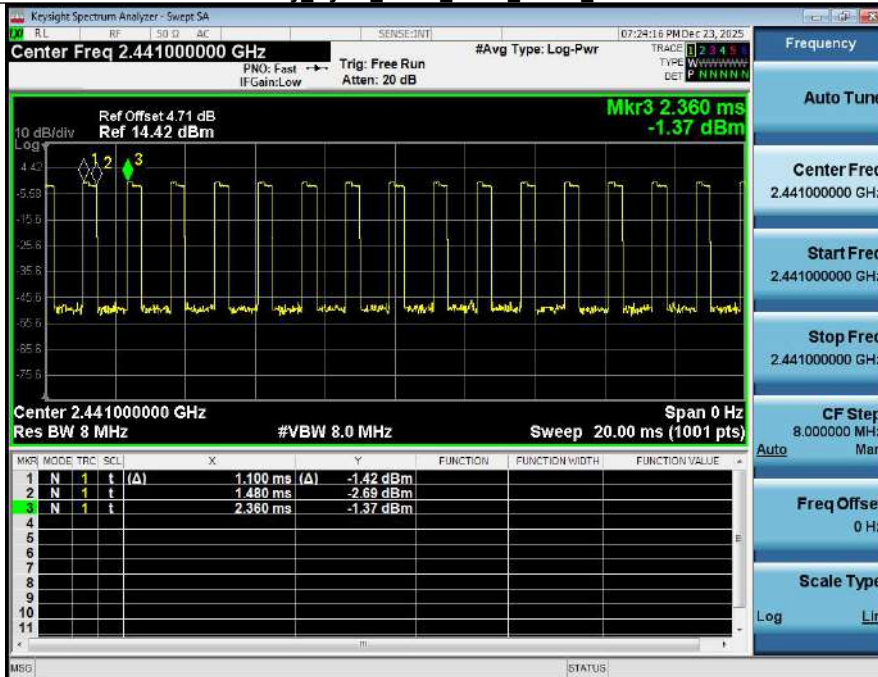
Duty Cycle_NVNT_ANT1 1-DH1_2480



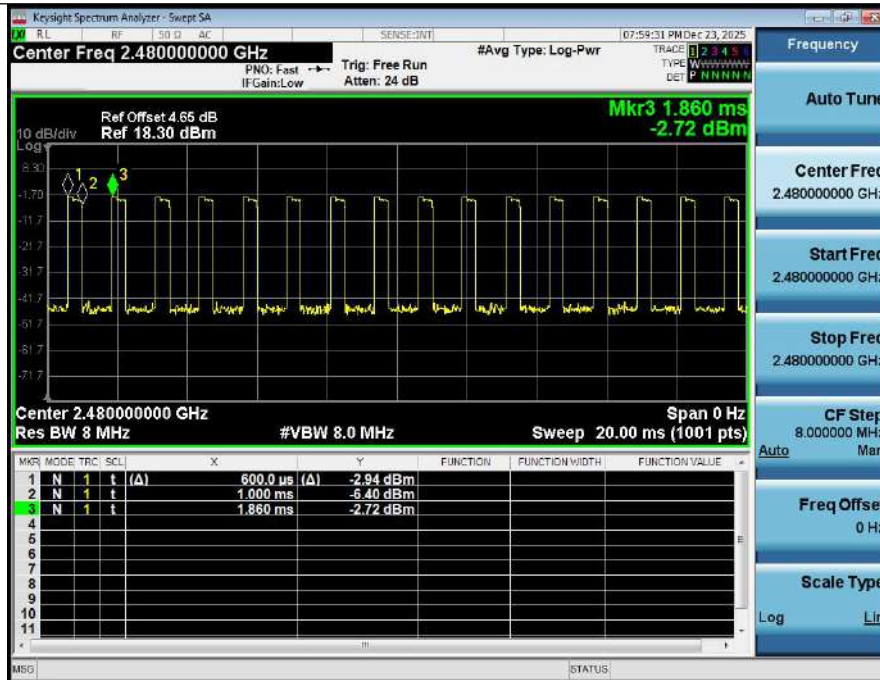
Duty Cycle_NVNT_ANT1 2-DH1_2402



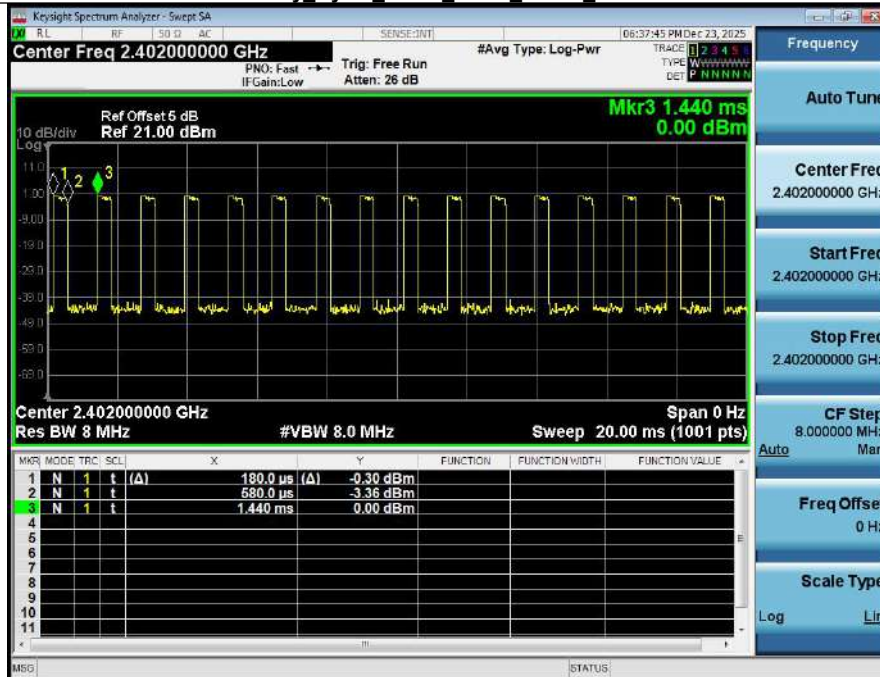
Duty Cycle_NVNT_ANT1 2-DH1_2441



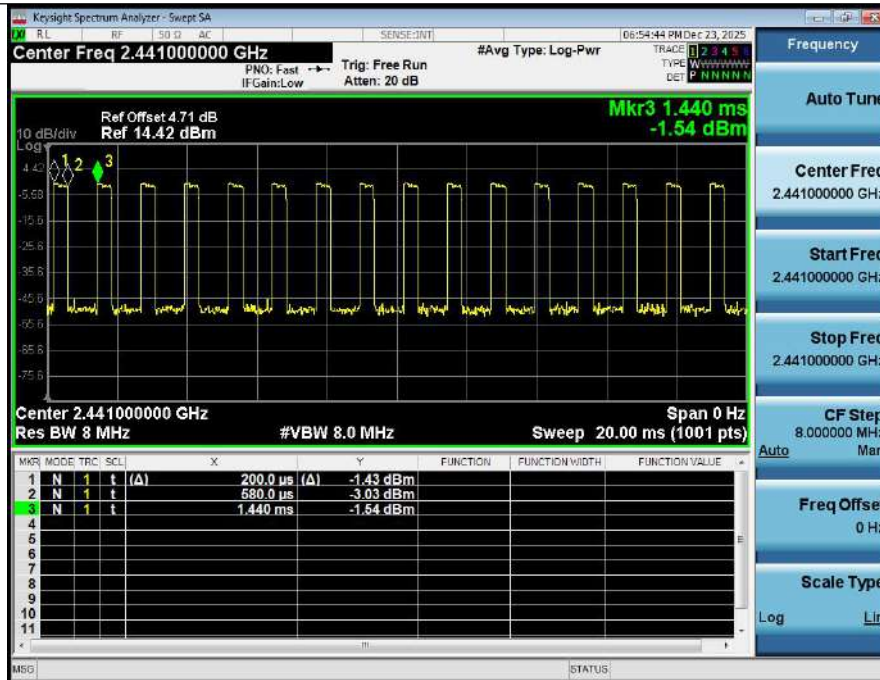
Duty Cycle_NVNT_ANT1 2-DH1_2480



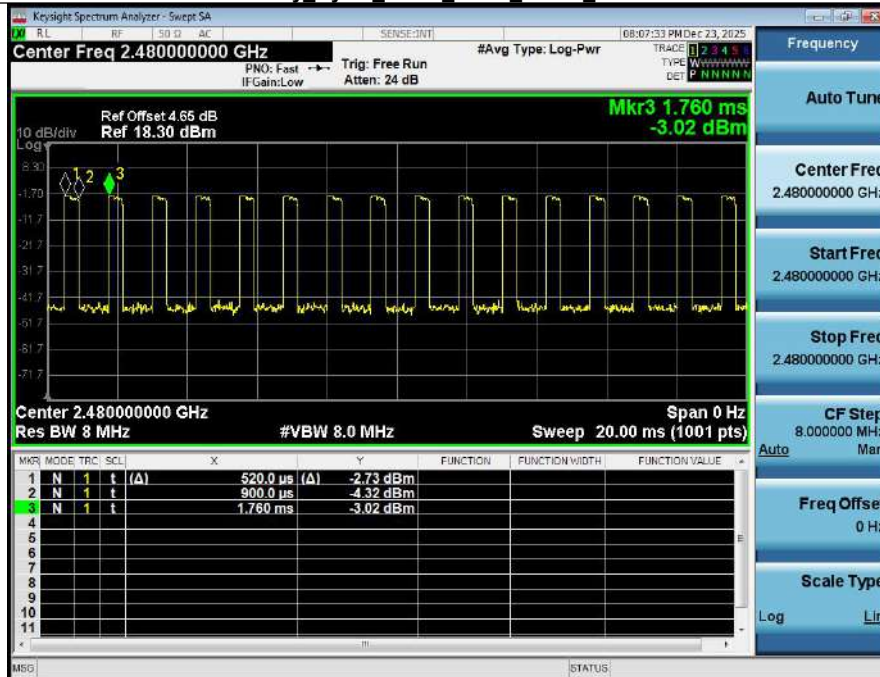
Duty Cycle_NVNT_ANT1_3-DH1_2402



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	0.888	No
NVNT	ANT1	1-DH1	2441.00	0.890	No
NVNT	ANT1	1-DH1	2480.00	0.888	No
NVNT	ANT1	2-DH1	2402.00	1.185	Yes
NVNT	ANT1	2-DH1	2441.00	1.185	Yes
NVNT	ANT1	2-DH1	2480.00	1.185	Yes
NVNT	ANT1	3-DH1	2402.00	1.206	Yes
NVNT	ANT1	3-DH1	2441.00	1.207	Yes
NVNT	ANT1	3-DH1	2480.00	1.207	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

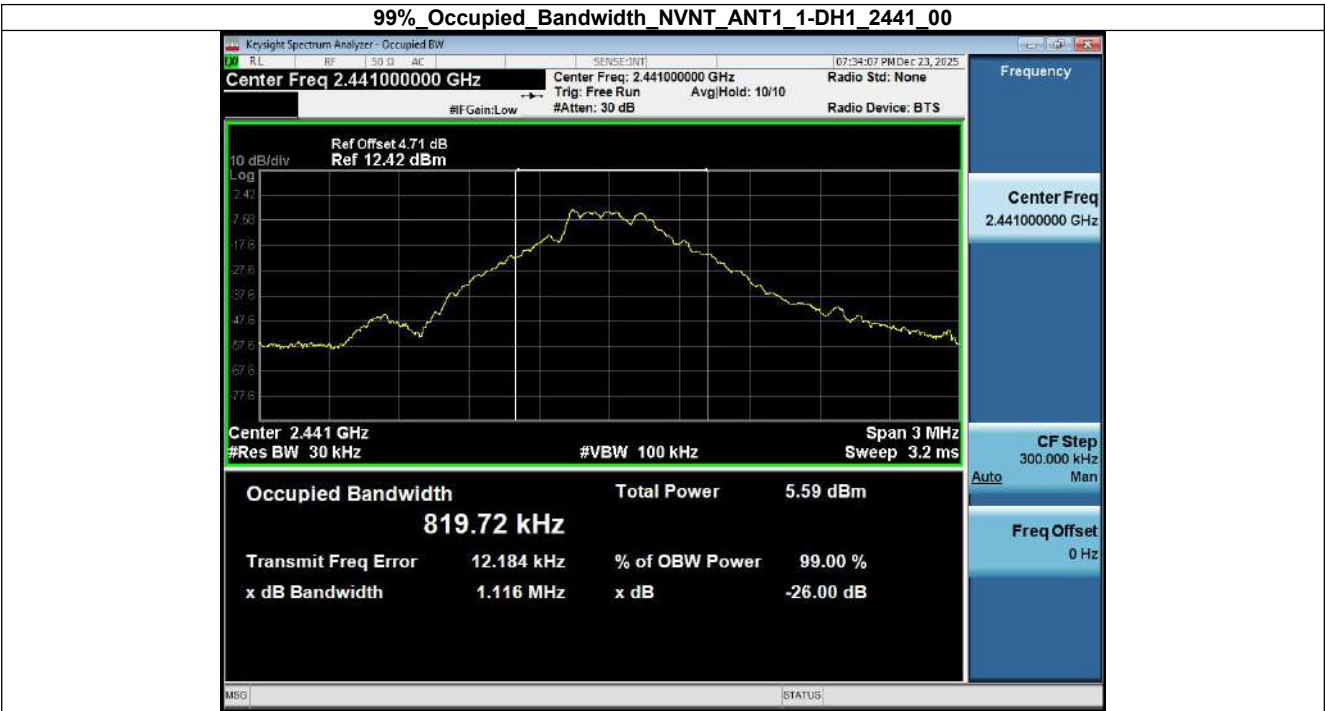


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.821
NVNT	ANT1	1-DH1	2441.00	0.820
NVNT	ANT1	1-DH1	2480.00	0.818
NVNT	ANT1	2-DH1	2402.00	1.105
NVNT	ANT1	2-DH1	2441.00	1.105
NVNT	ANT1	2-DH1	2480.00	1.109
NVNT	ANT1	3-DH1	2402.00	1.086
NVNT	ANT1	3-DH1	2441.00	1.087
NVNT	ANT1	3-DH1	2480.00	1.088



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

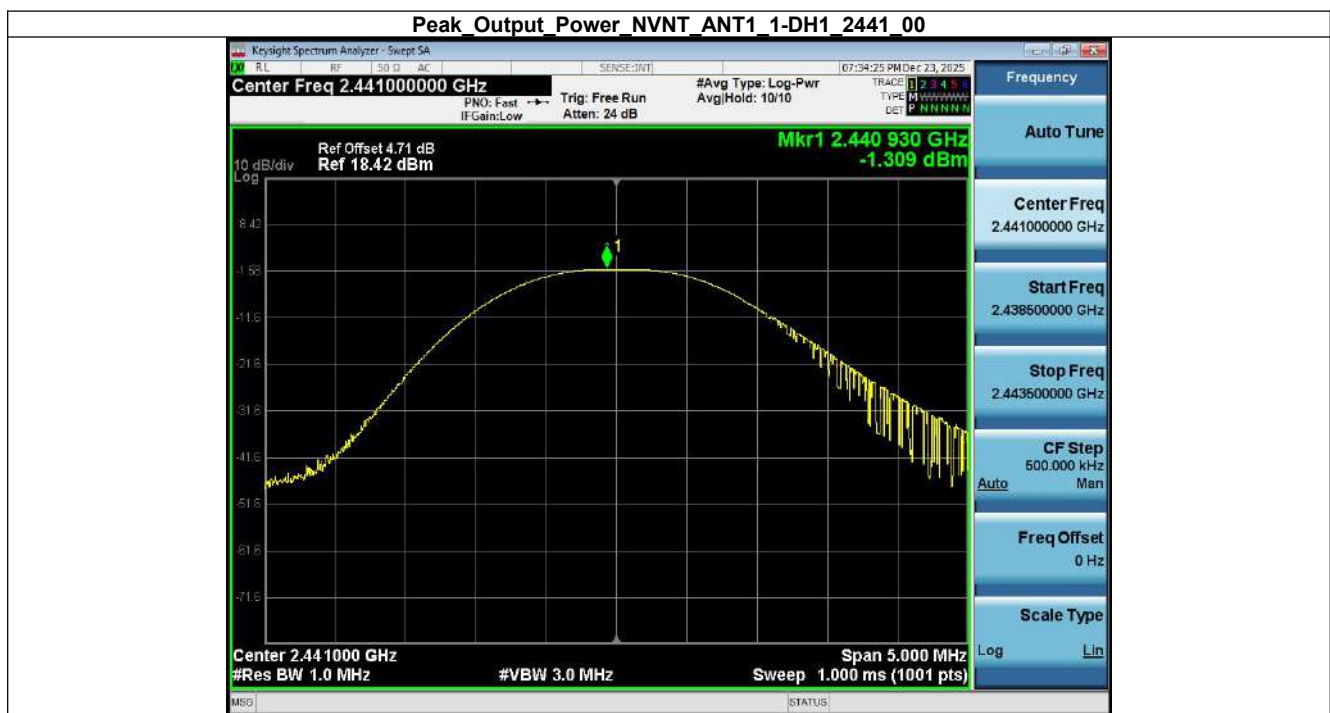


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



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	0.06	1.01	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-1.31	0.74	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.67	0.54	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.11	1.03	125	Pass
NVNT	ANT1	2-DH1	2441.00	-1.27	0.75	125	Pass
NVNT	ANT1	2-DH1	2480.00	-2.61	0.55	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.11	1.02	125	Pass
NVNT	ANT1	3-DH1	2441.00	-1.31	0.74	125	Pass
NVNT	ANT1	3-DH1	2480.00	-2.63	0.55	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



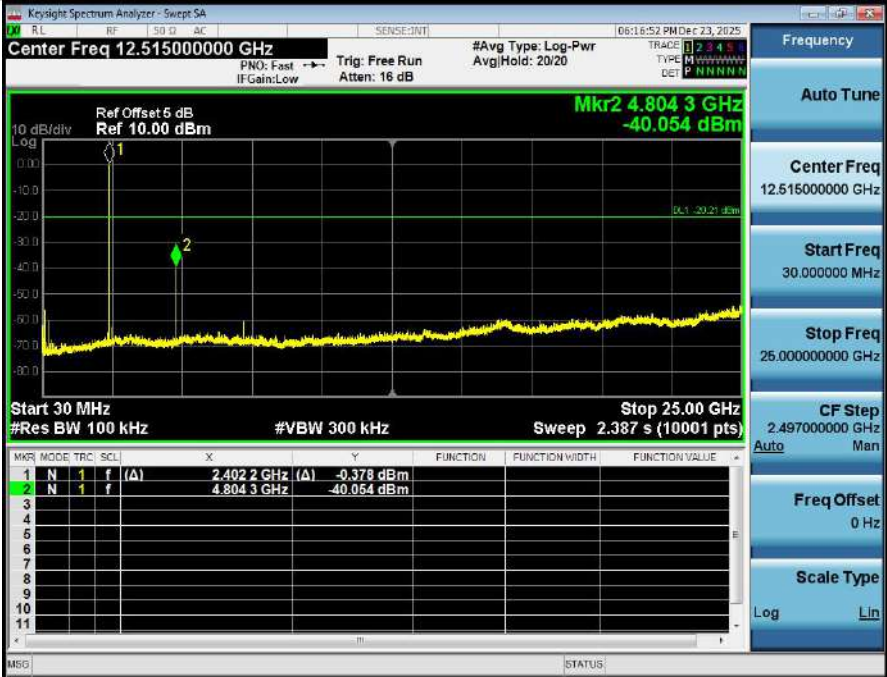
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.214	-40.054	-20.214	Pass
NVNT	ANT1	1-DH1	2441.00	-1.572	-46.460	-21.572	Pass
NVNT	ANT1	1-DH1	2480.00	-2.914	-46.926	-22.914	Pass
NVNT	ANT1	2-DH1	2402.00	-0.234	-42.500	-20.234	Pass
NVNT	ANT1	2-DH1	2441.00	-1.596	-43.718	-21.596	Pass
NVNT	ANT1	2-DH1	2480.00	-2.918	-47.455	-22.918	Pass
NVNT	ANT1	3-DH1	2402.00	-0.221	-42.939	-20.221	Pass
NVNT	ANT1	3-DH1	2441.00	-1.616	-45.110	-21.616	Pass
NVNT	ANT1	3-DH1	2480.00	-2.932	-49.784	-22.932	Pass

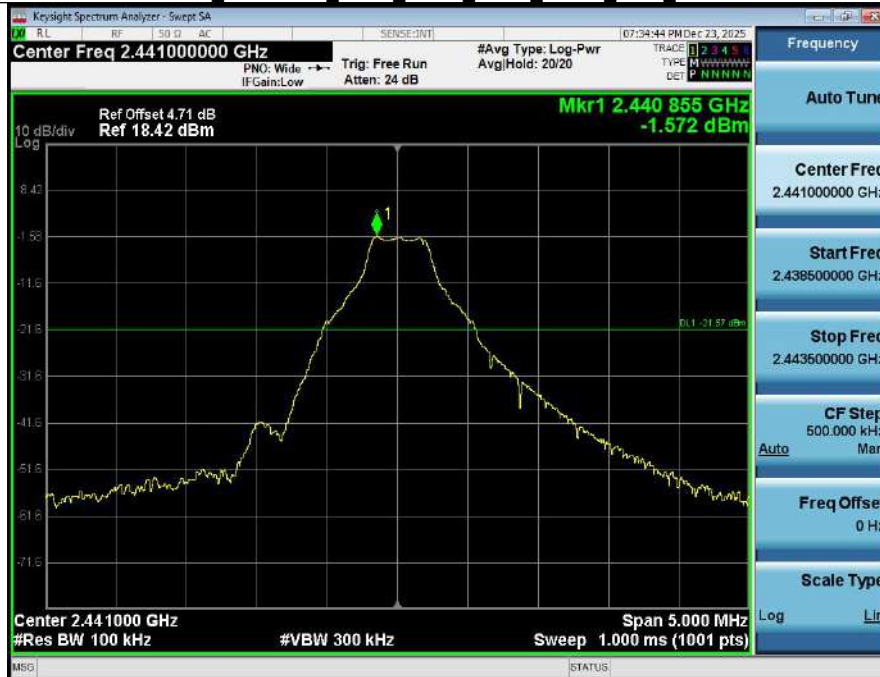
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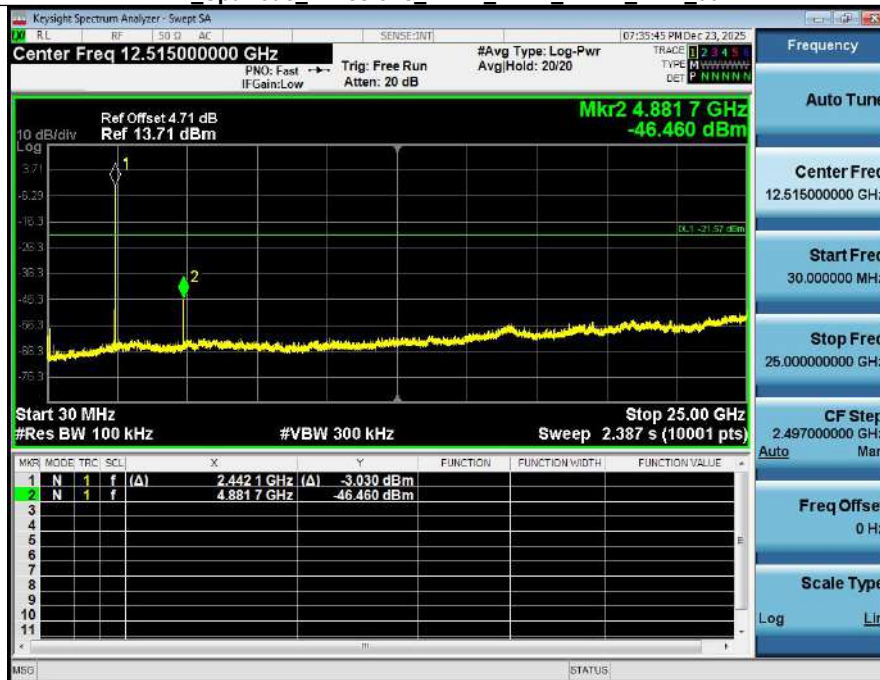
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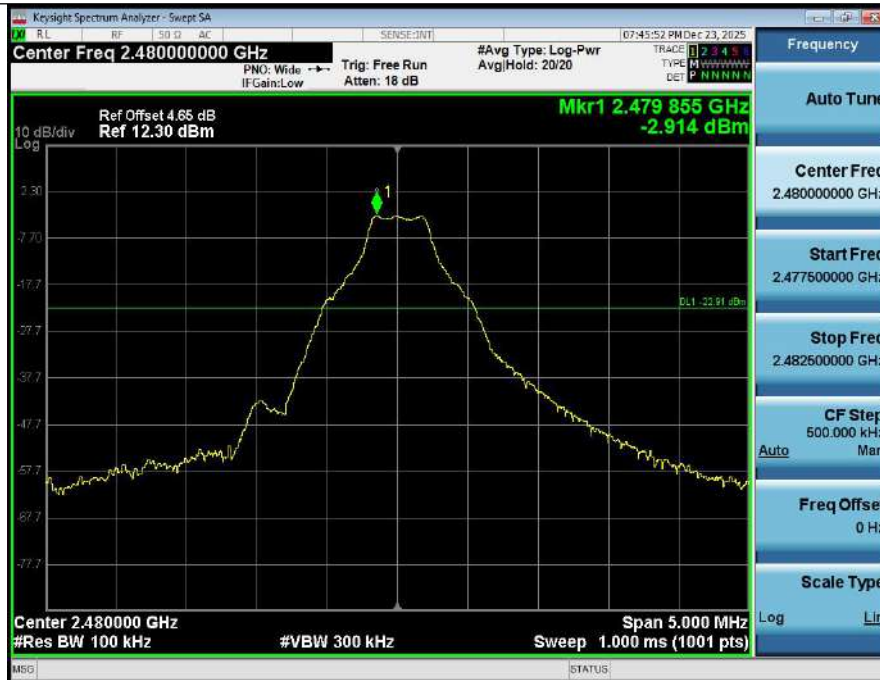
1 Reference Level NVNT ANT1 1-DH1 2441_00



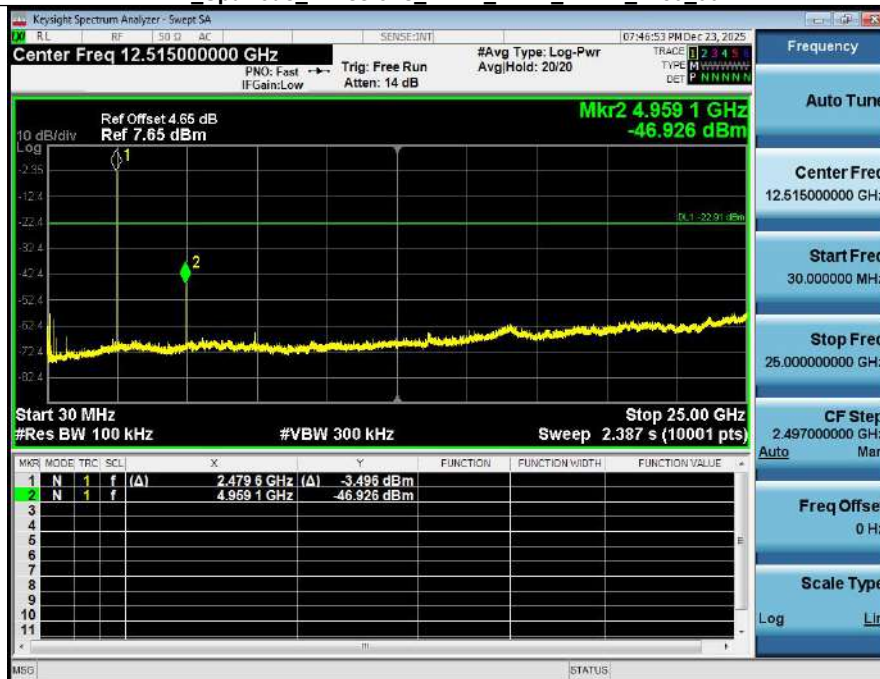
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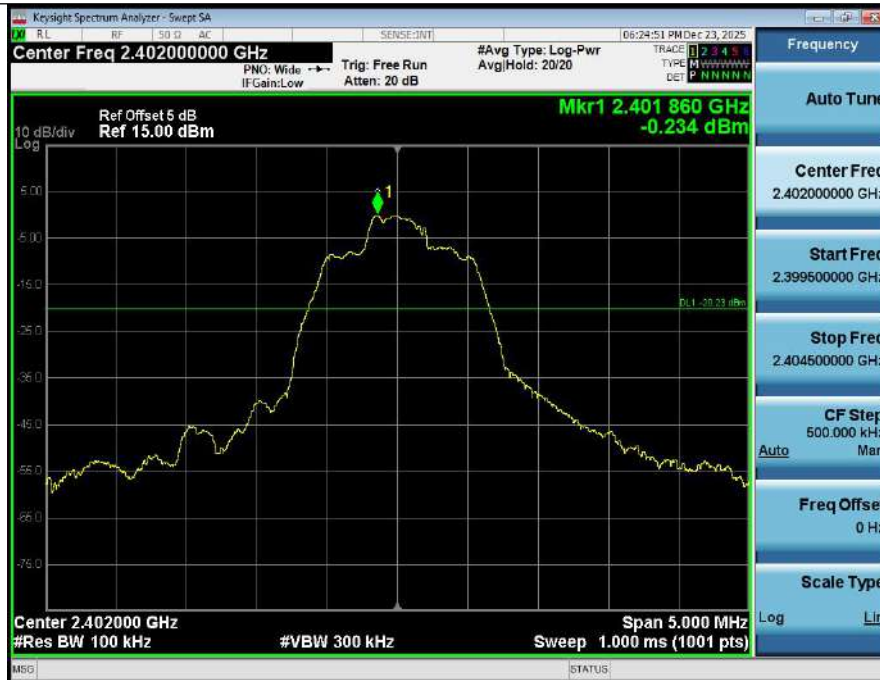
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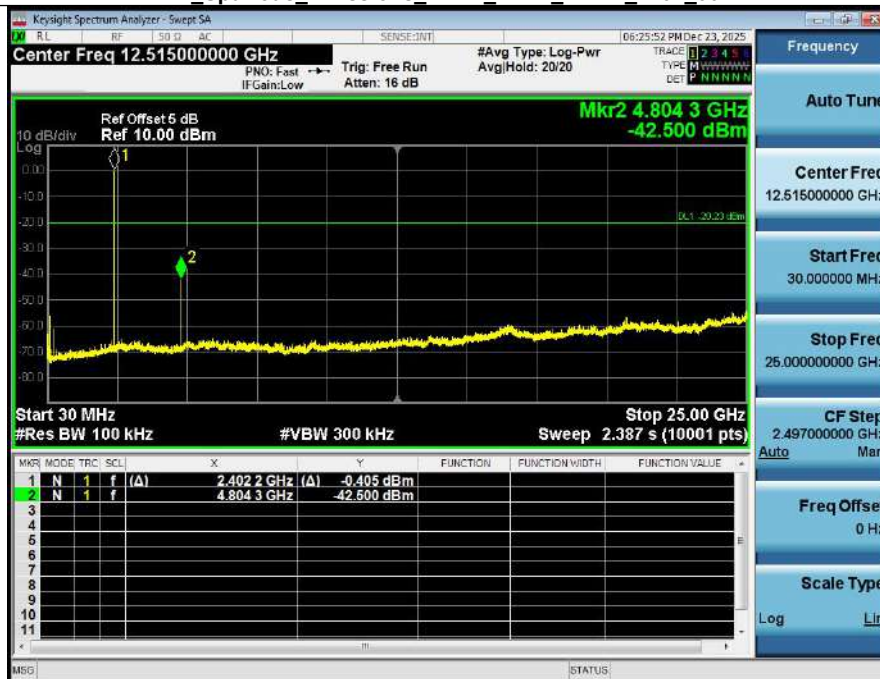
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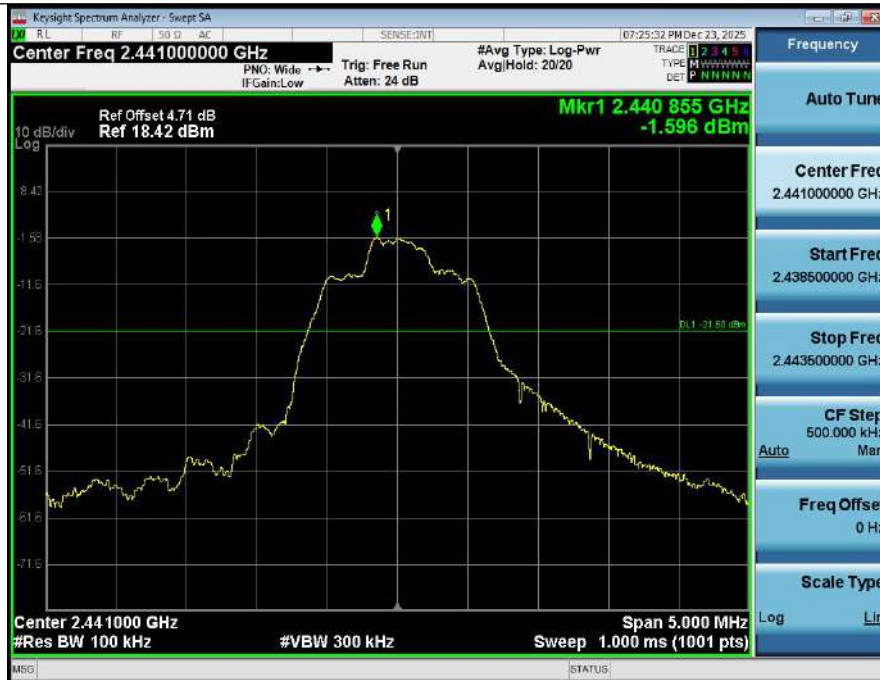
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2 Spurious Emissions NVNT_ANT1_2-DH1_2402_00



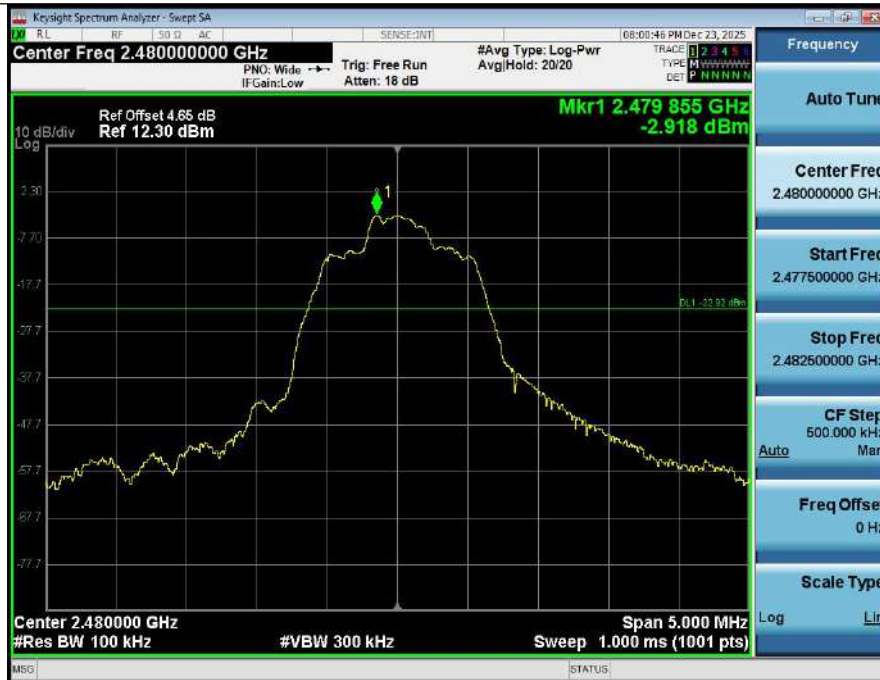
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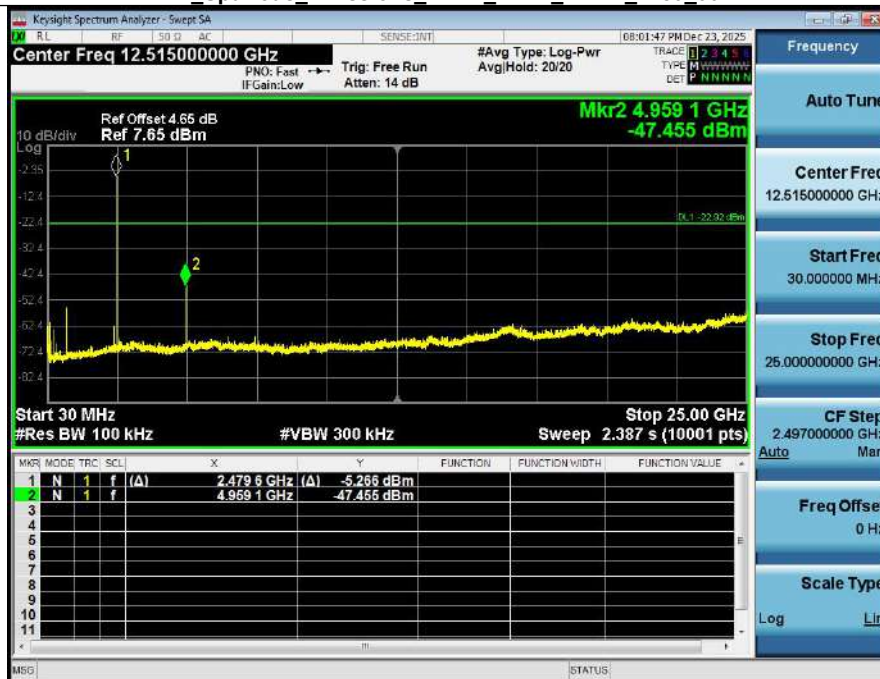
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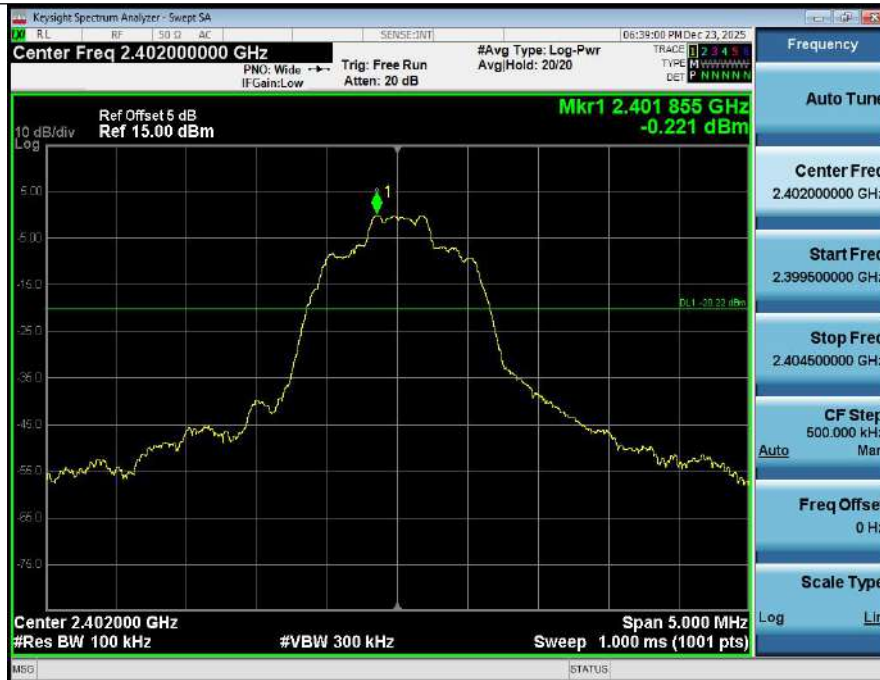
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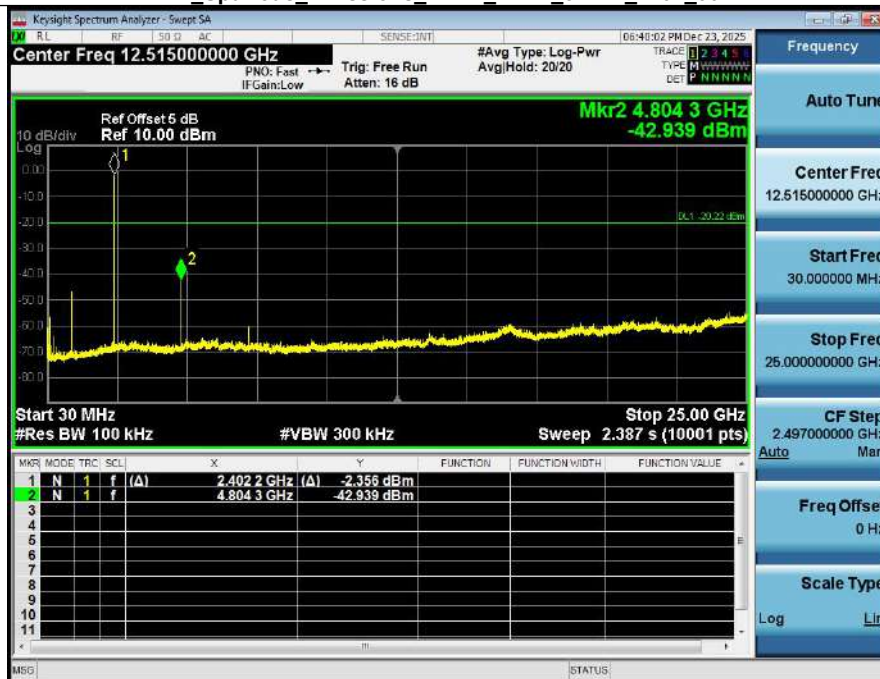
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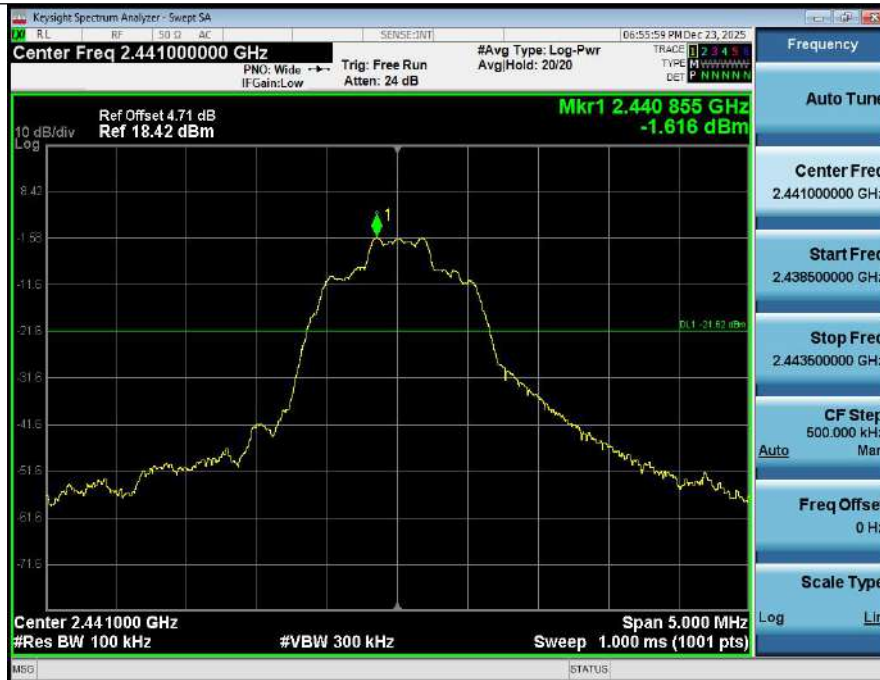
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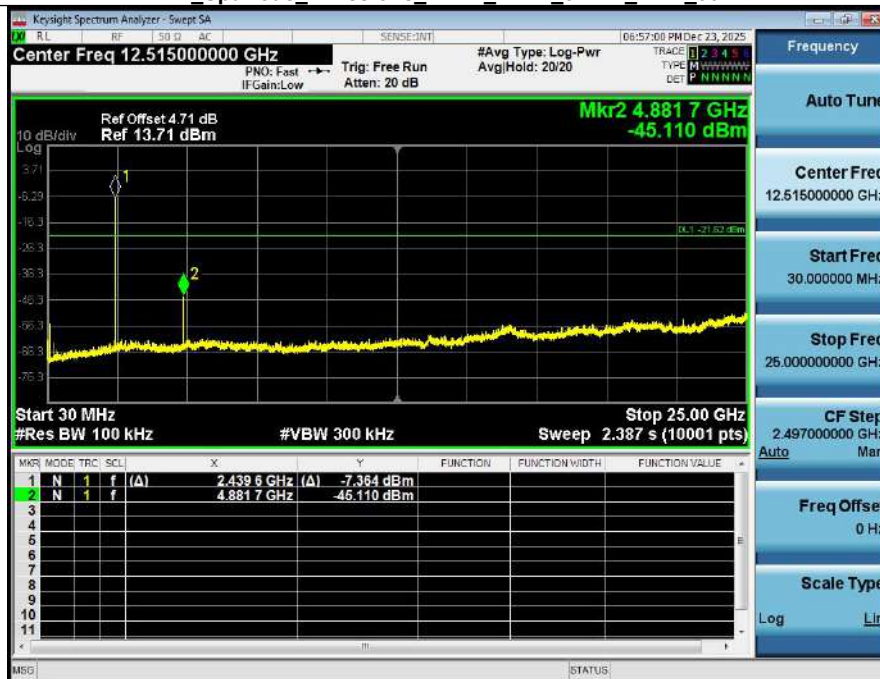
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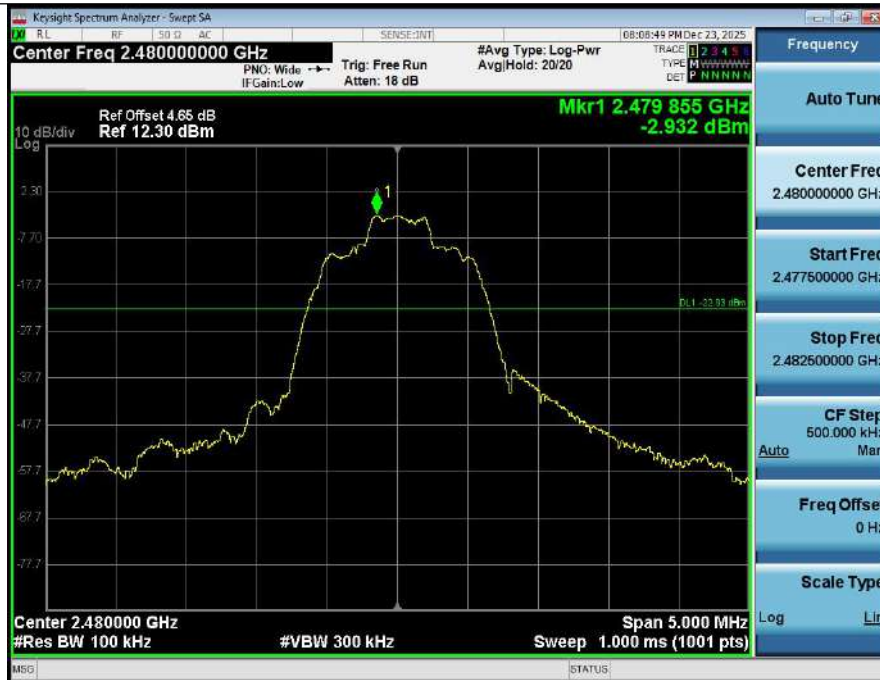
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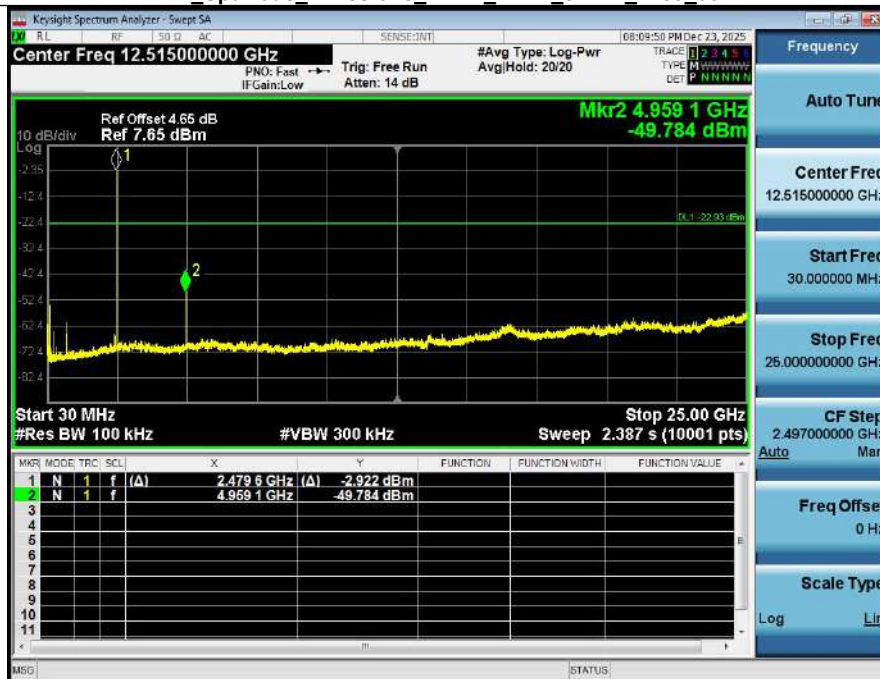
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1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



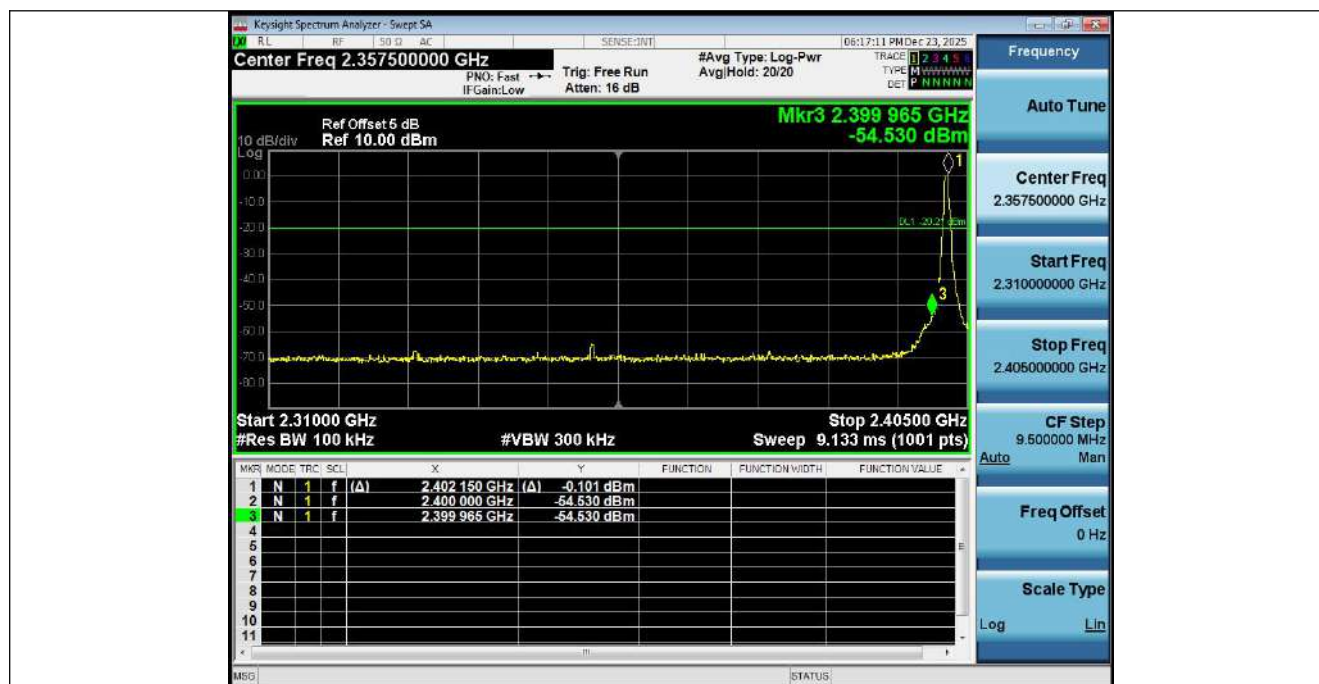
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.214	-54.530	-20.214	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.208	-56.887	-20.208	Pass
NVNT	ANT1	1-DH1	2480.00	-2.914	-64.283	-22.914	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.394	-56.852	-20.394	Pass
NVNT	ANT1	2-DH1	2402.00	-0.234	-52.157	-20.234	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.167	-53.001	-20.167	Pass
NVNT	ANT1	2-DH1	2480.00	-2.918	-62.576	-22.918	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.591	-65.503	-20.591	Pass
NVNT	ANT1	3-DH1	2402.00	-0.221	-52.175	-20.221	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.147	-58.892	-20.147	Pass
NVNT	ANT1	3-DH1	2480.00	-2.932	-60.713	-22.932	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.436	-62.322	-20.436	Pass

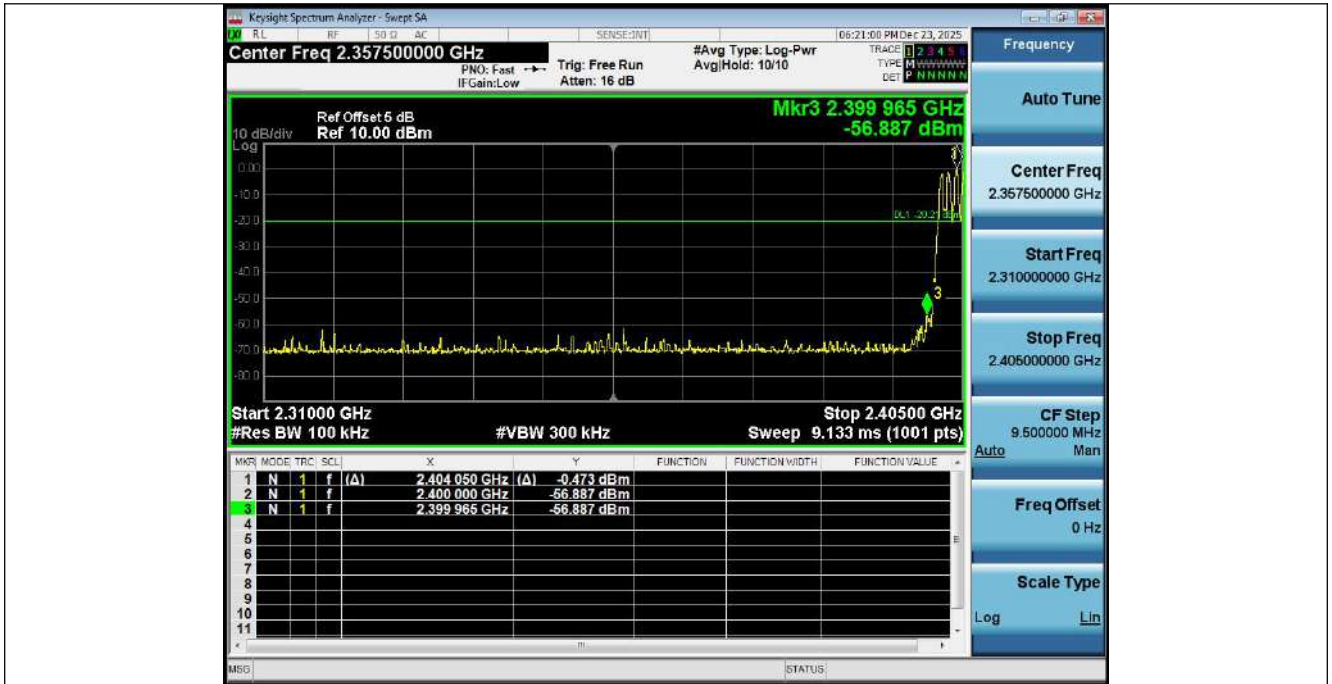




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



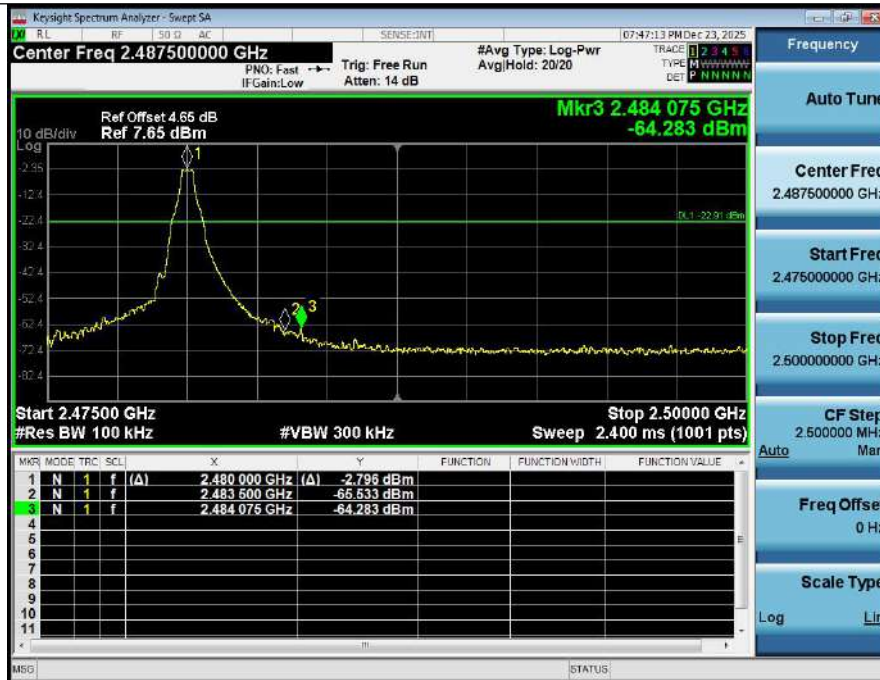
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 1-DH1 2480 00



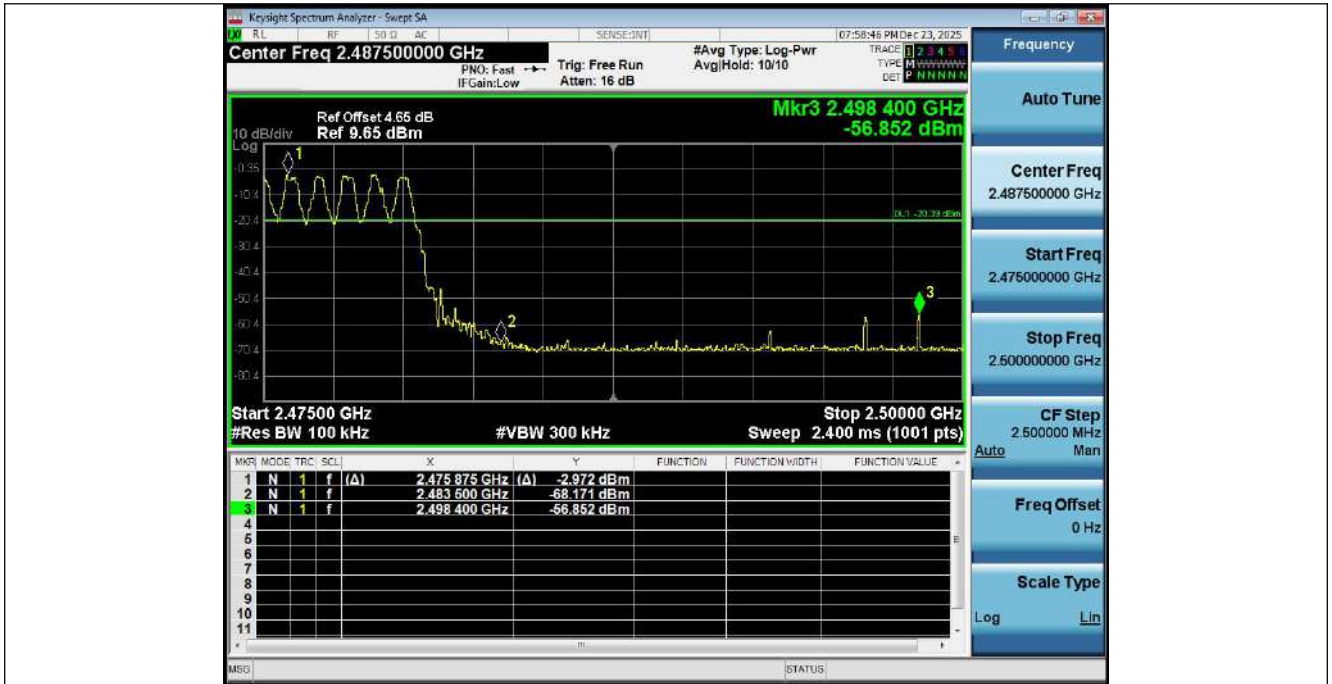
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



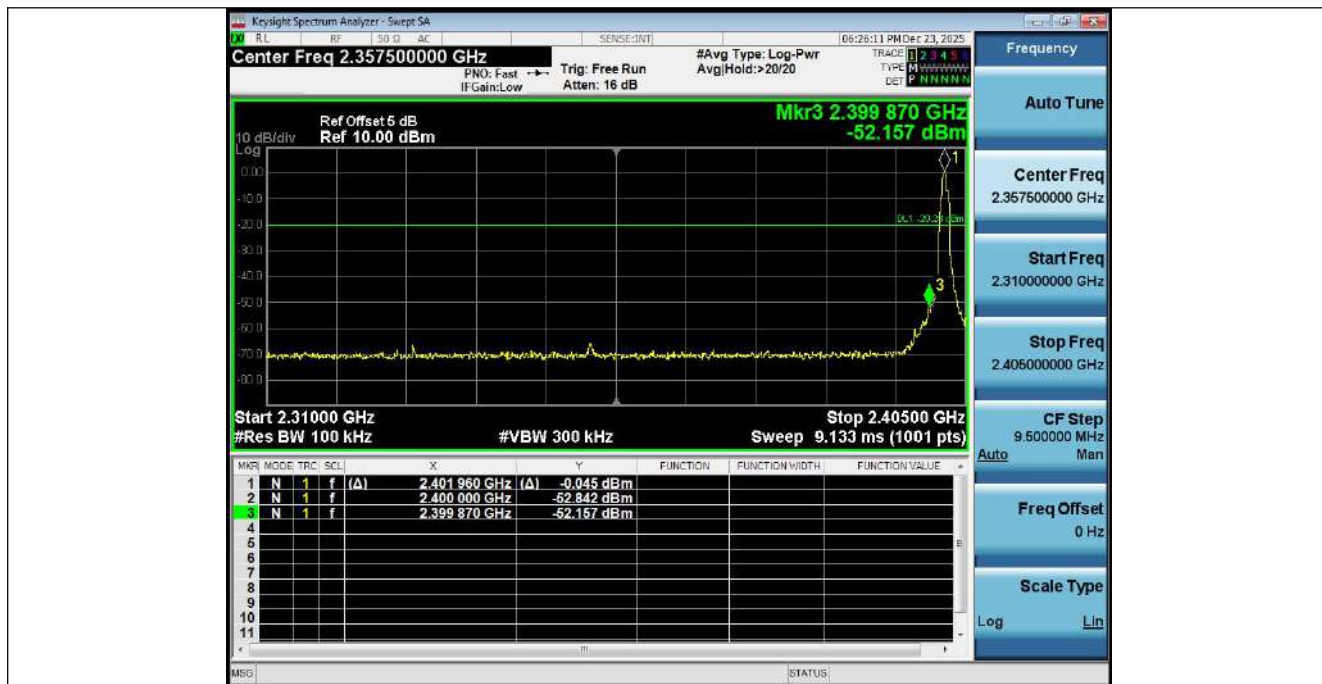
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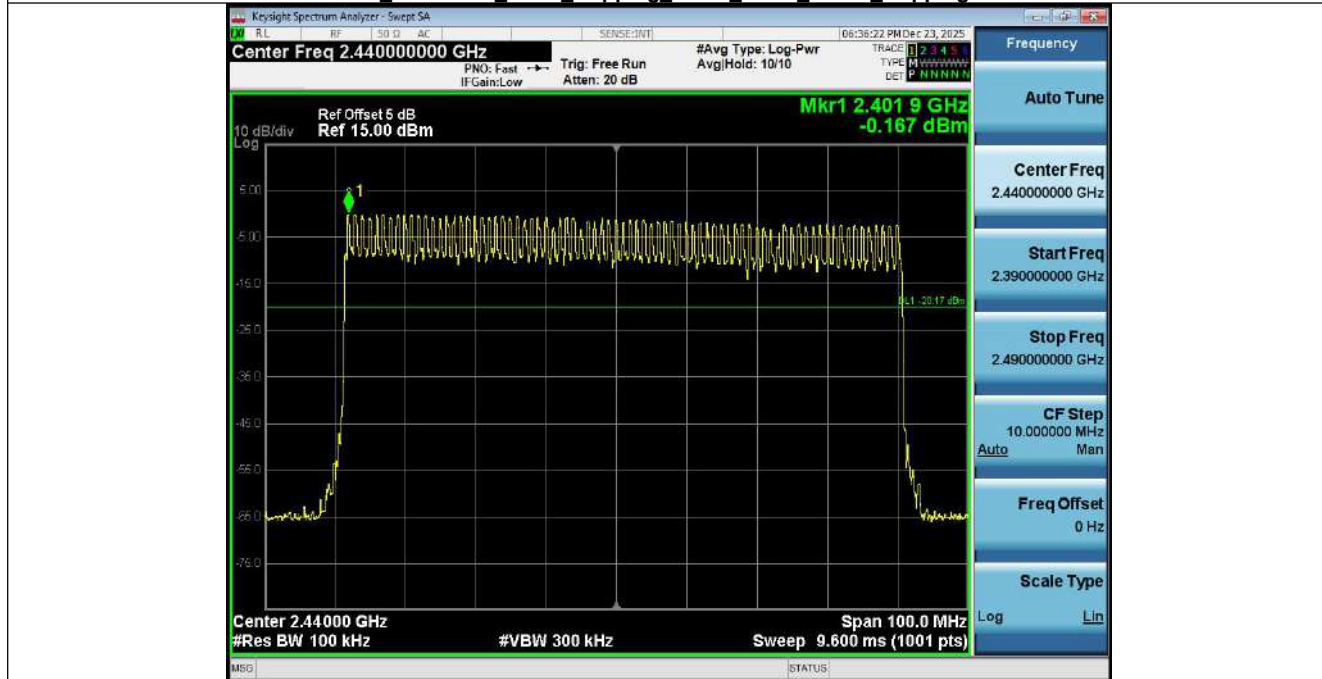
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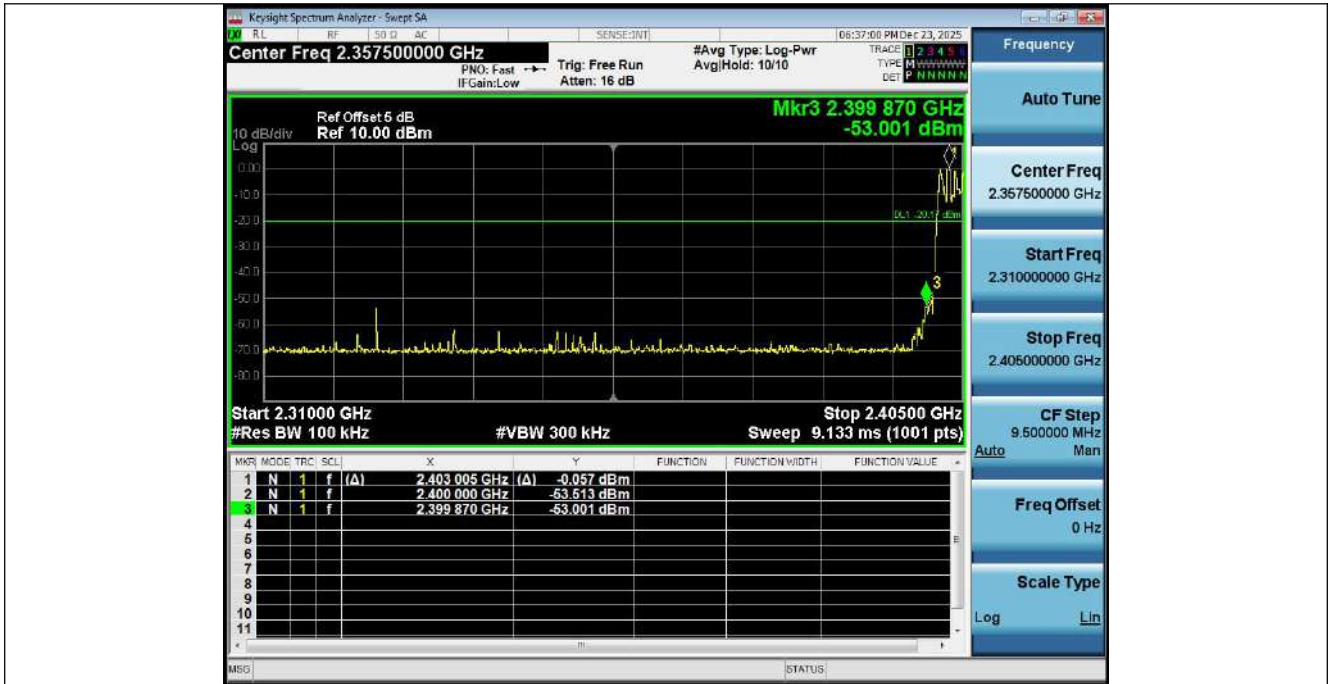
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



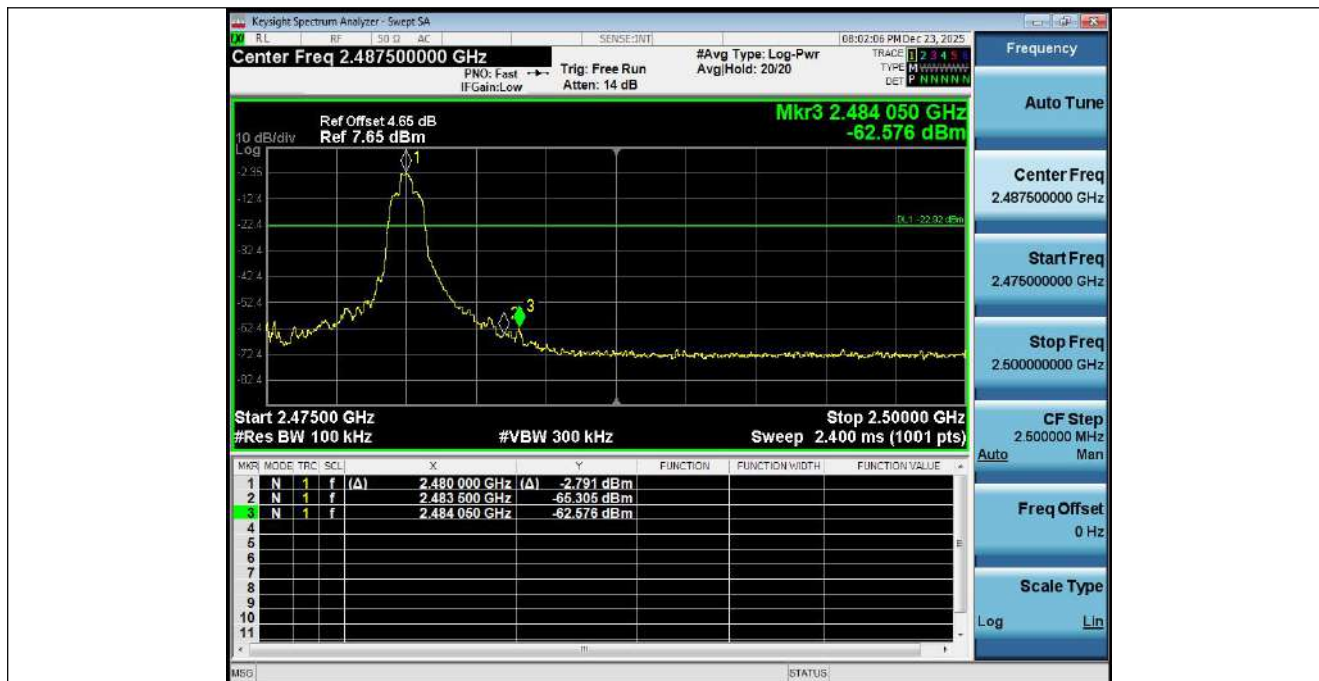
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



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



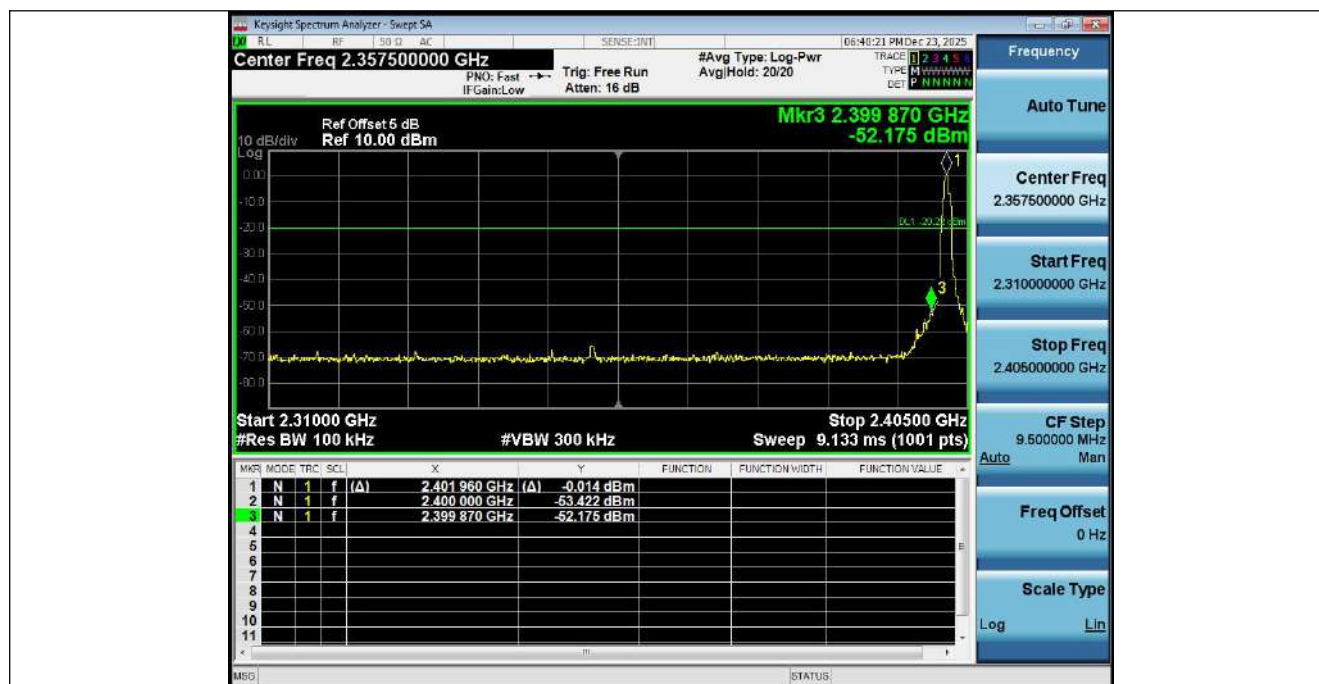
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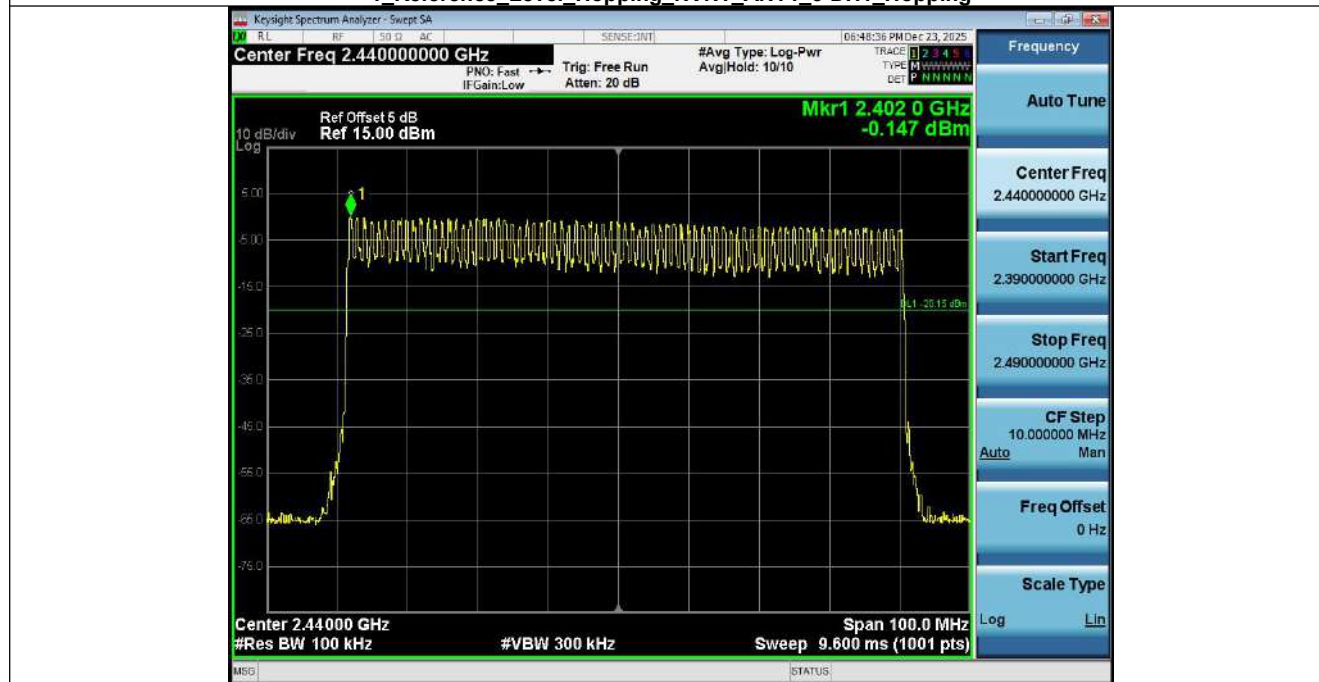
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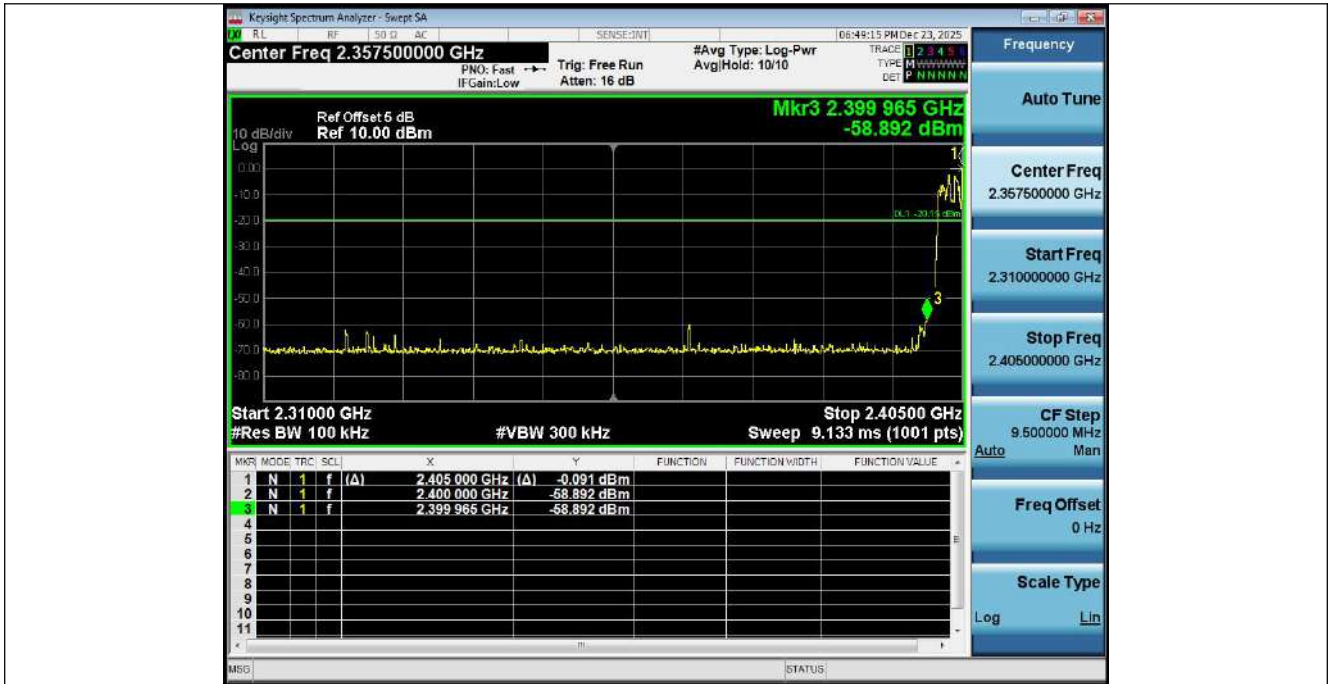
2 Bandedge NVNT ANT1 3-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



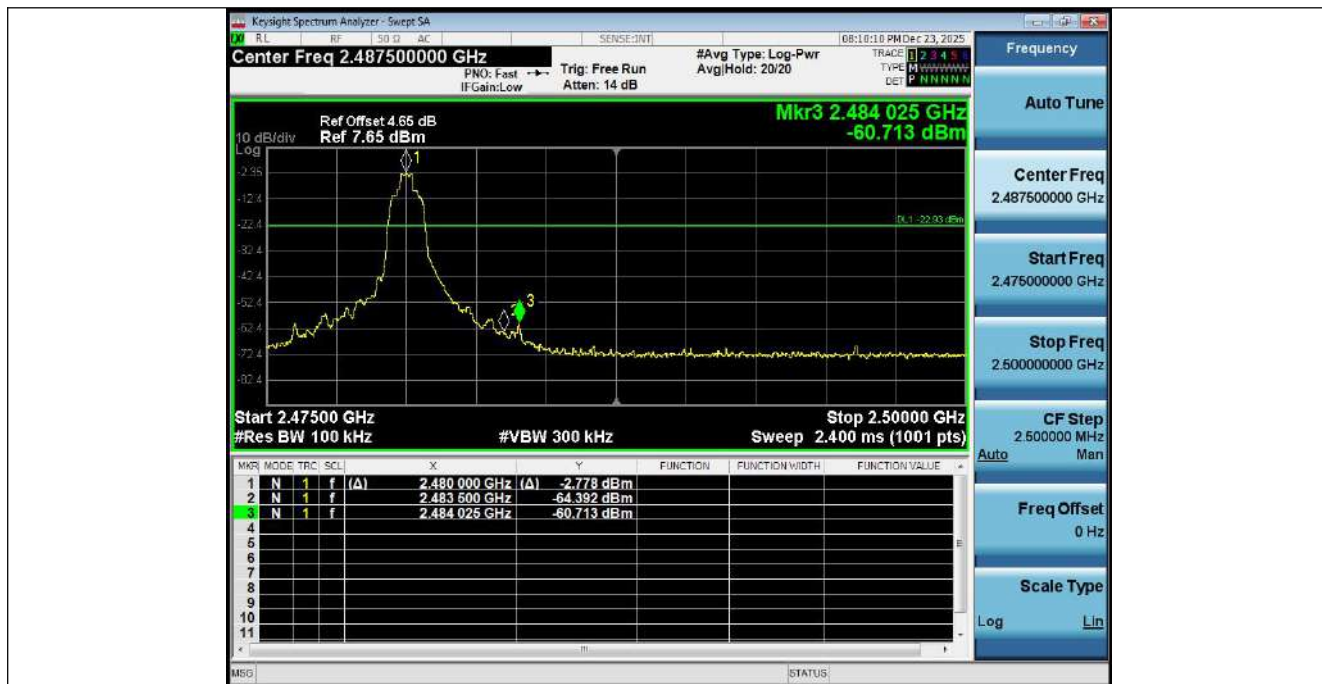
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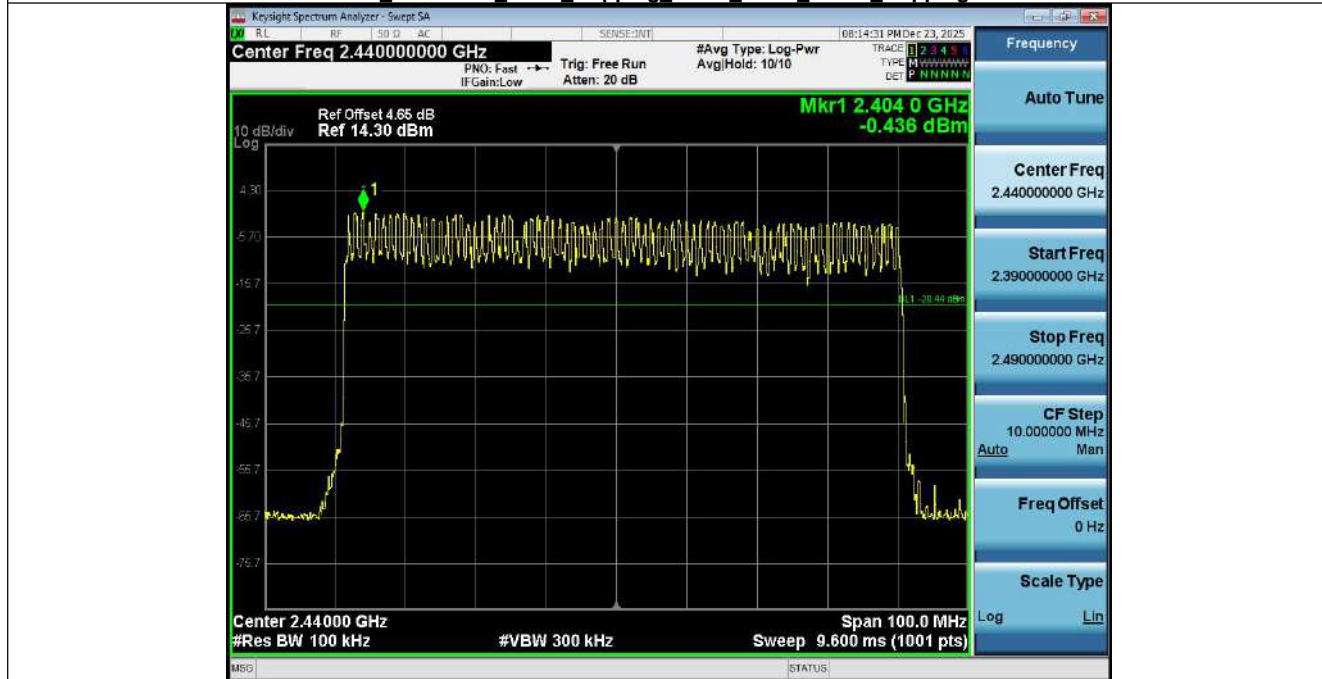
1 Reference Level NVNT ANT1 3-DH1 2480 00



2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



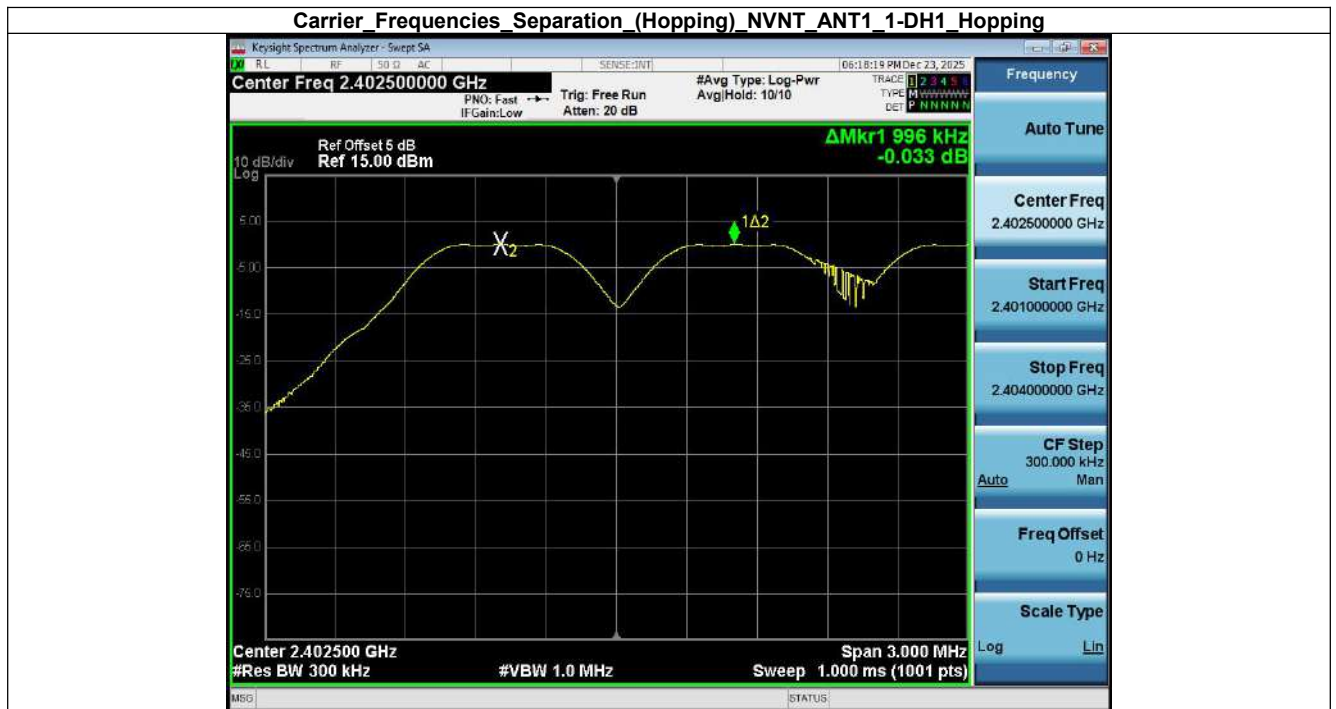
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



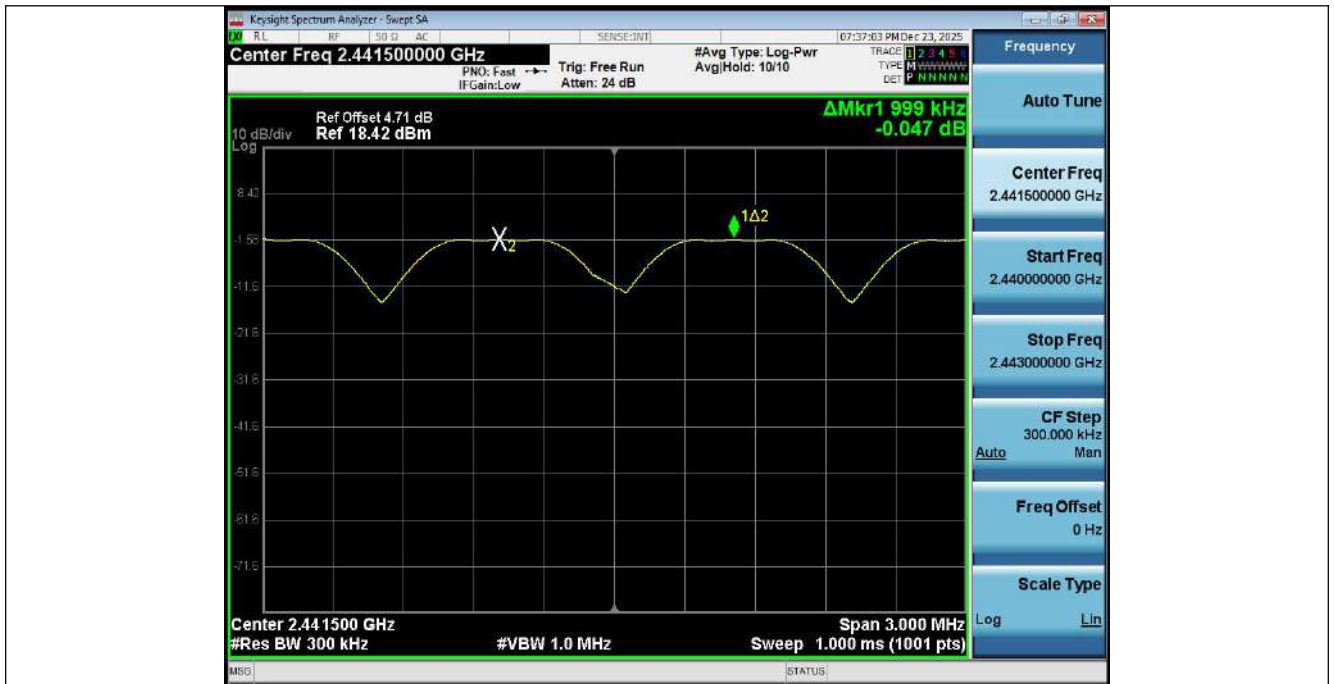
7. Carrier Frequencies Separation (Hopping)

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	2402.005	2403.001	1.00	0.888	Pass
NVNT	ANT1	1-DH1	2441.00	2441.008	2442.007	1.00	0.890	Pass
NVNT	ANT1	1-DH1	2480.00	2479.011	2480.010	1.00	0.888	Pass
NVNT	ANT1	2-DH1	2402.00	2401.999	2403.001	1.00	0.790	Pass
NVNT	ANT1	2-DH1	2441.00	2441.008	2442.001	0.99	0.790	Pass
NVNT	ANT1	2-DH1	2480.00	2478.999	2480.007	1.01	0.790	Pass
NVNT	ANT1	3-DH1	2402.00	2401.999	2402.998	1.00	0.804	Pass
NVNT	ANT1	3-DH1	2441.00	2440.999	2442.007	1.01	0.805	Pass
NVNT	ANT1	3-DH1	2480.00	2478.996	2479.995	1.00	0.805	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



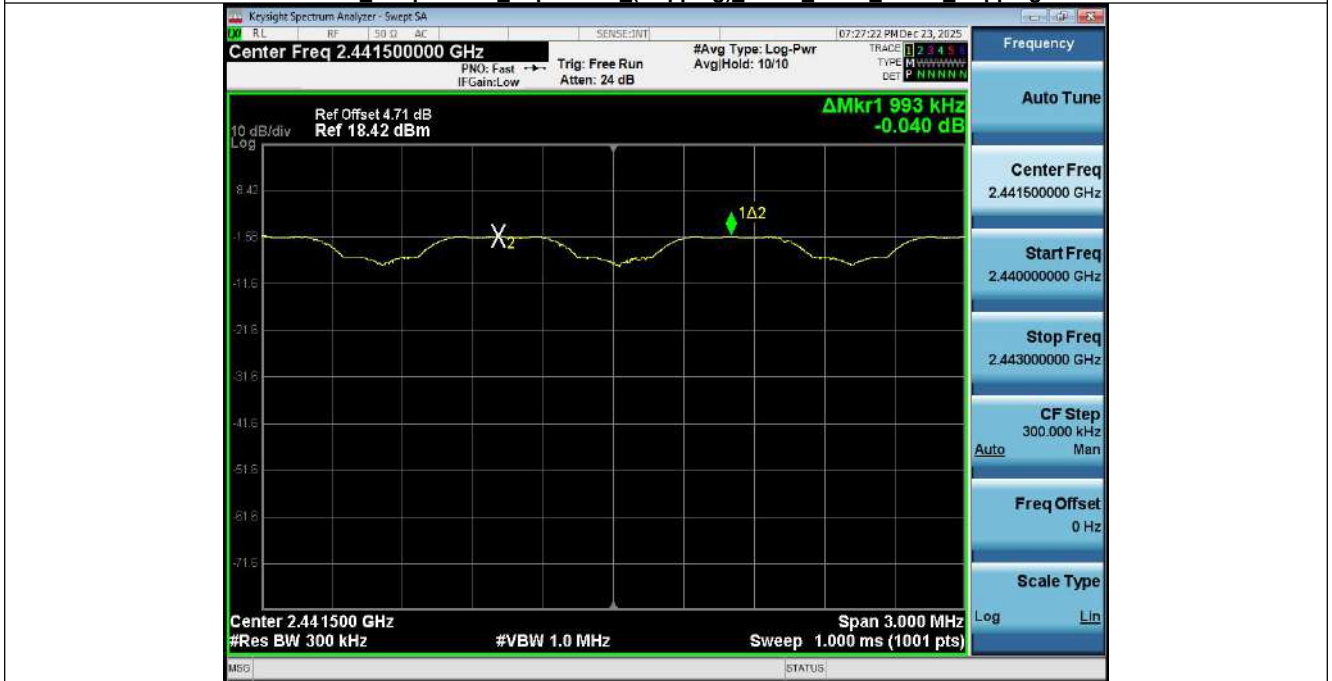
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



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

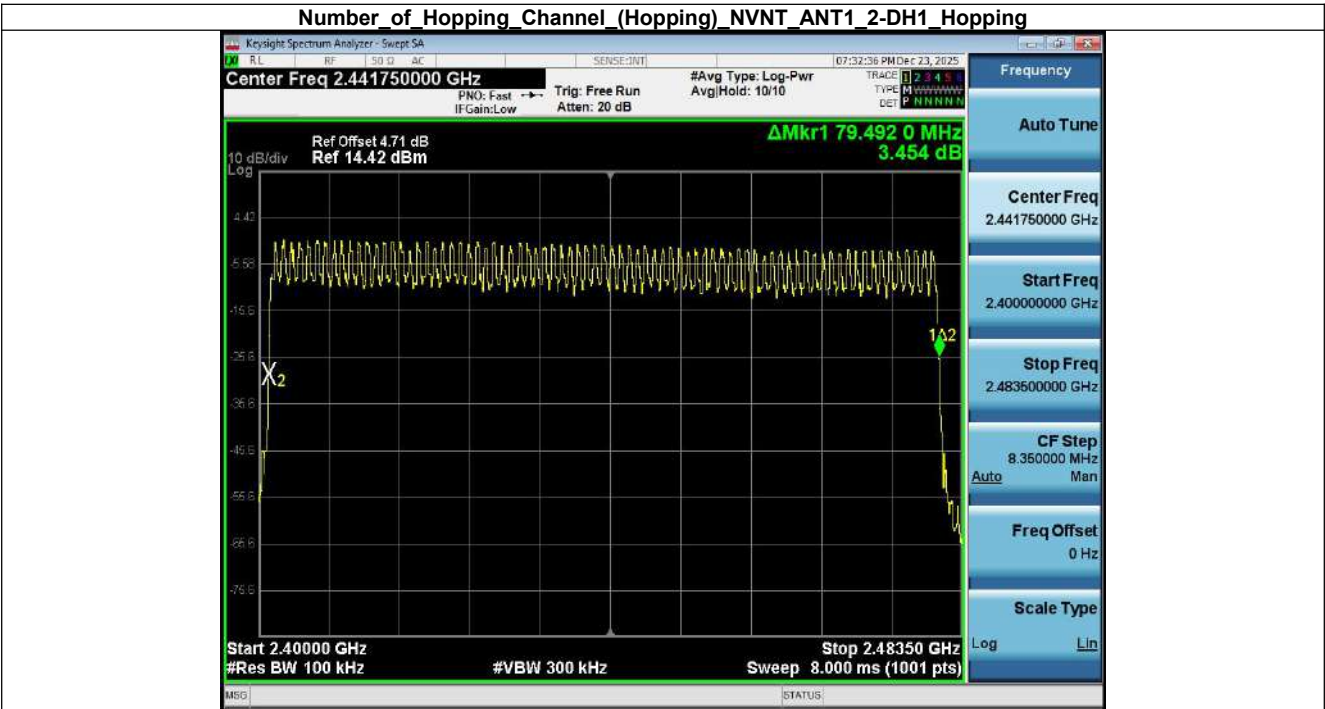
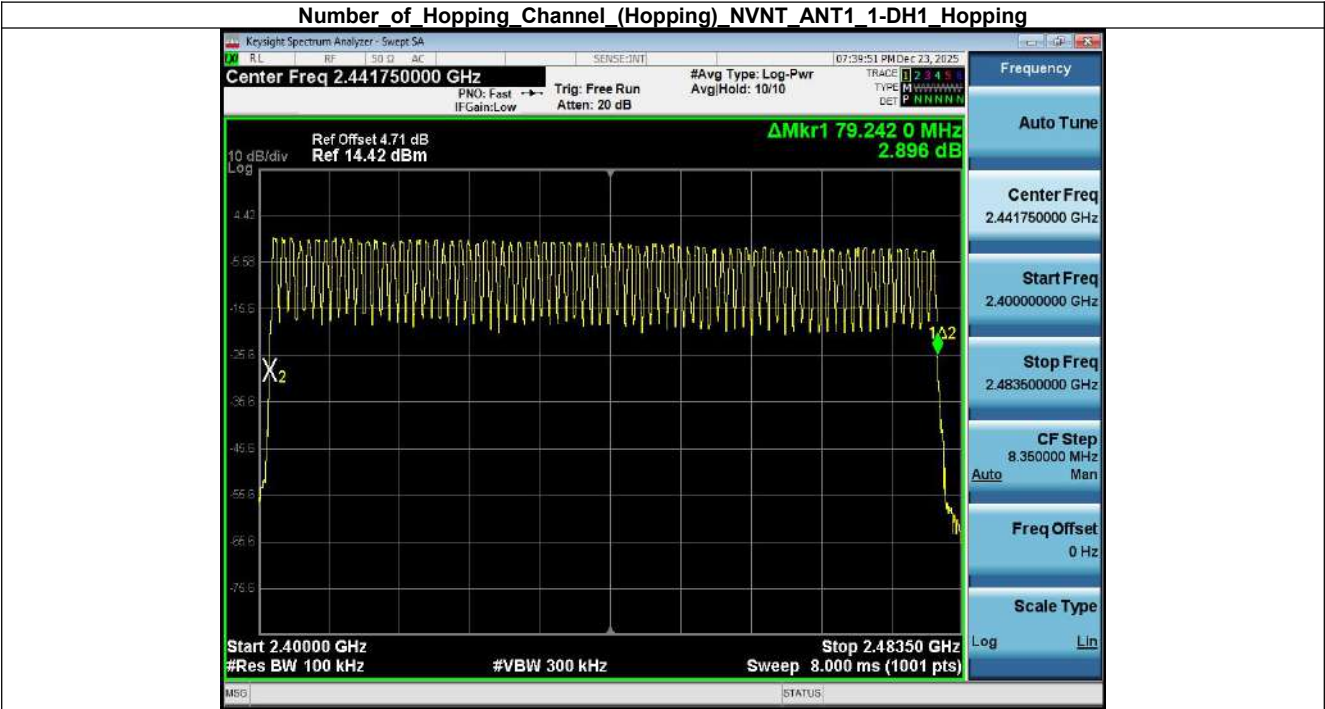


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

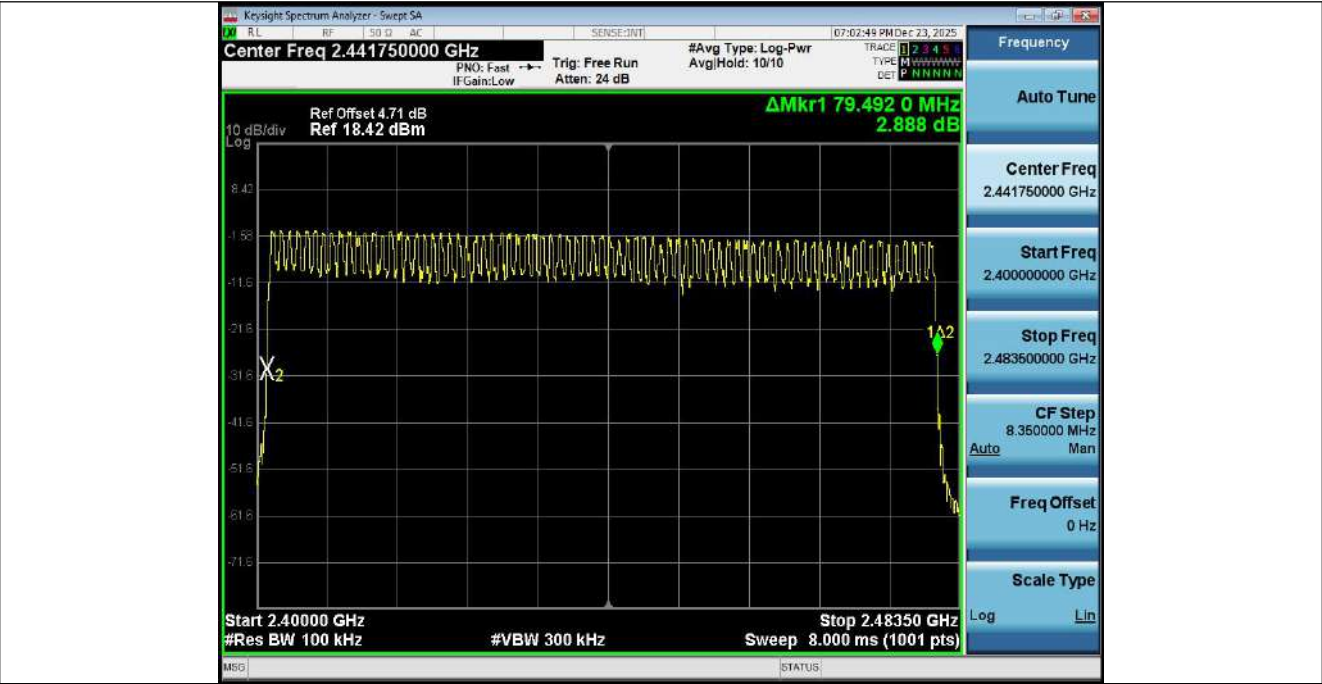


8. Number of Hopping Channel (Hopping)

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

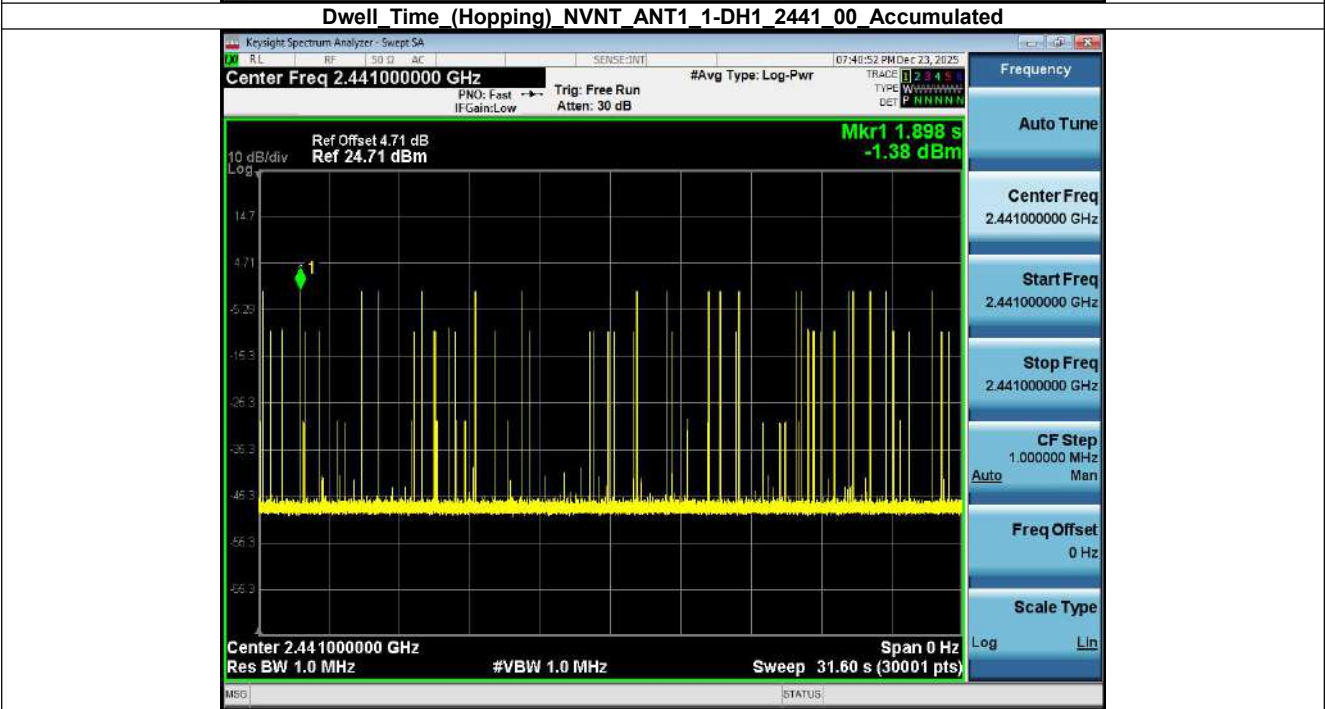
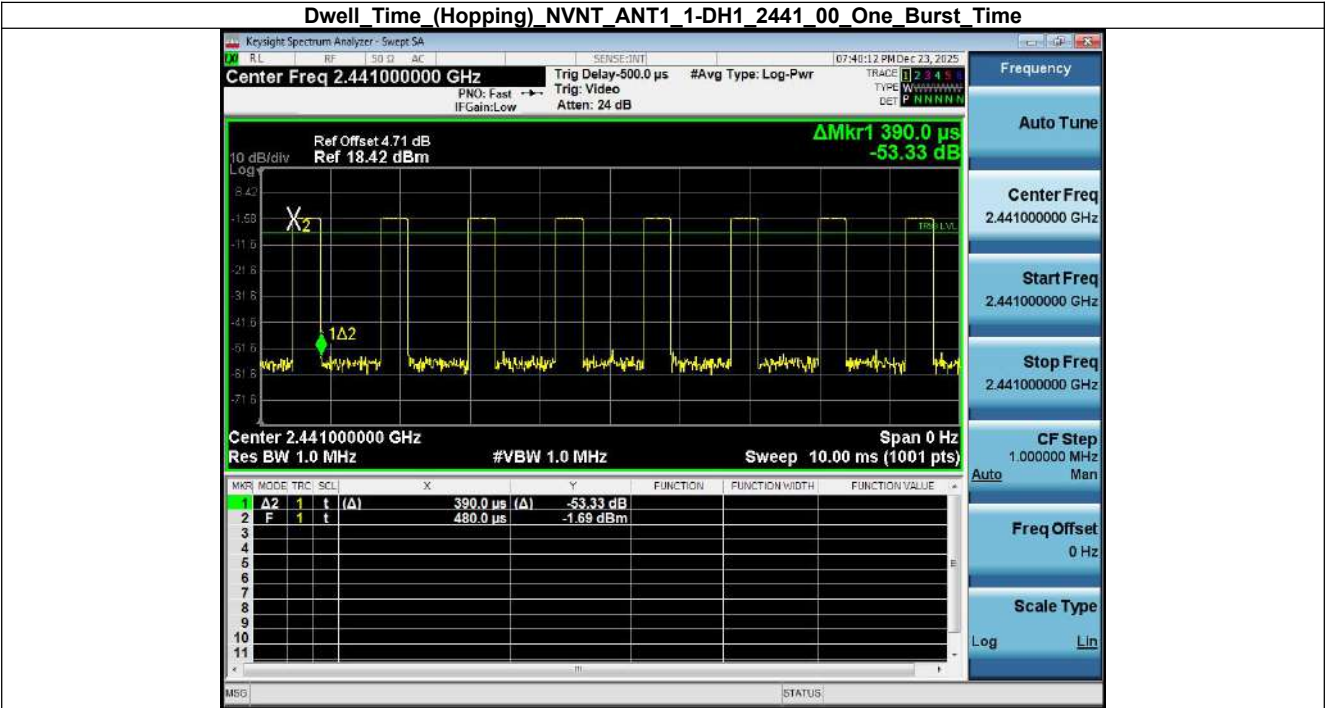


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

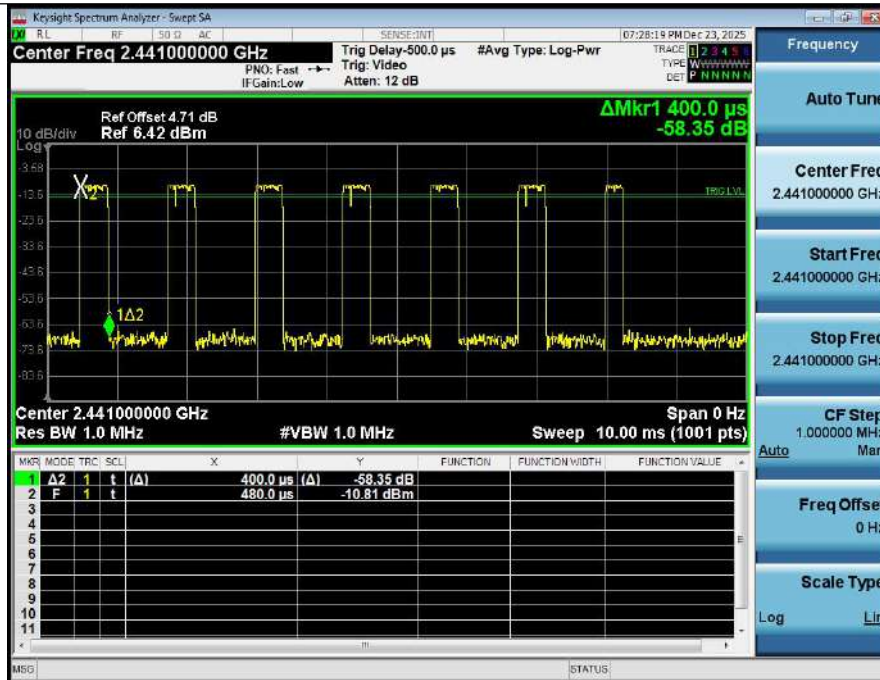


9. Dwell Time (Hopping)

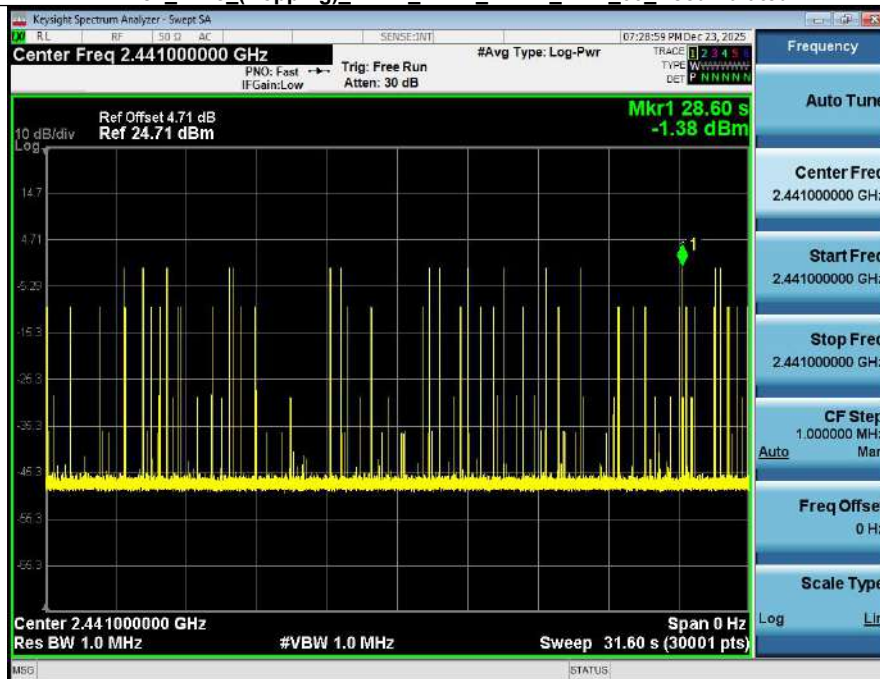
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	19.00	7.410	0.40	Pass
NVNT	ANT1	2-DH1	0.400	16.00	6.400	0.40	Pass
NVNT	ANT1	3-DH1	0.400	21.00	8.400	0.40	Pass
NVNT	ANT1	1-DH3	1.640	18.00	29.520	0.40	Pass
NVNT	ANT1	1-DH5	2.890	10.00	28.900	0.40	Pass
NVNT	ANT1	2-DH3	1.650	16.00	26.400	0.40	Pass
NVNT	ANT1	2-DH5	2.900	12.00	34.800	0.40	Pass
NVNT	ANT1	3-DH3	1.640	17.00	27.880	0.40	Pass
NVNT	ANT1	3-DH5	2.900	12.00	34.800	0.40	Pass



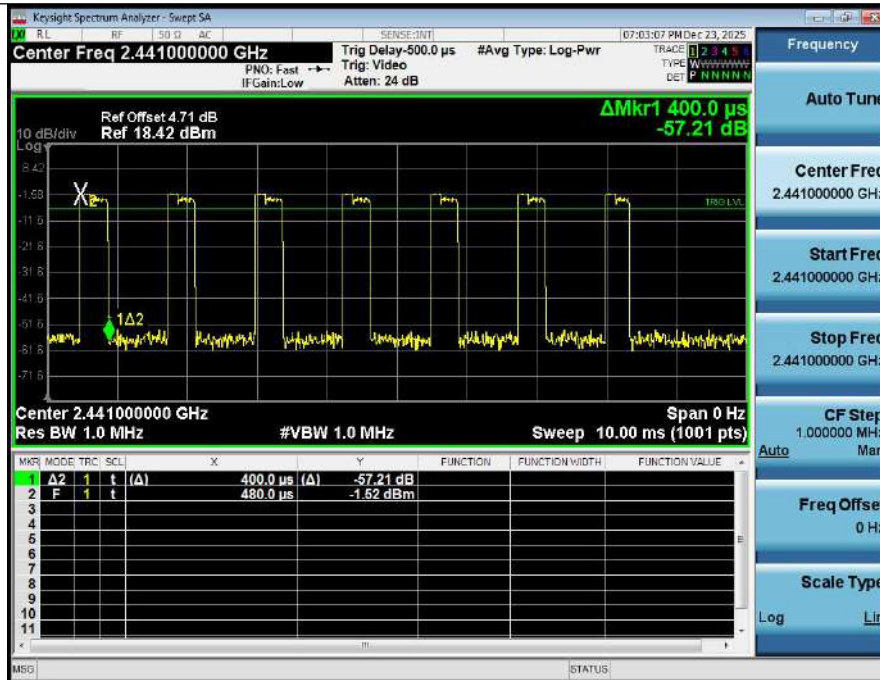
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



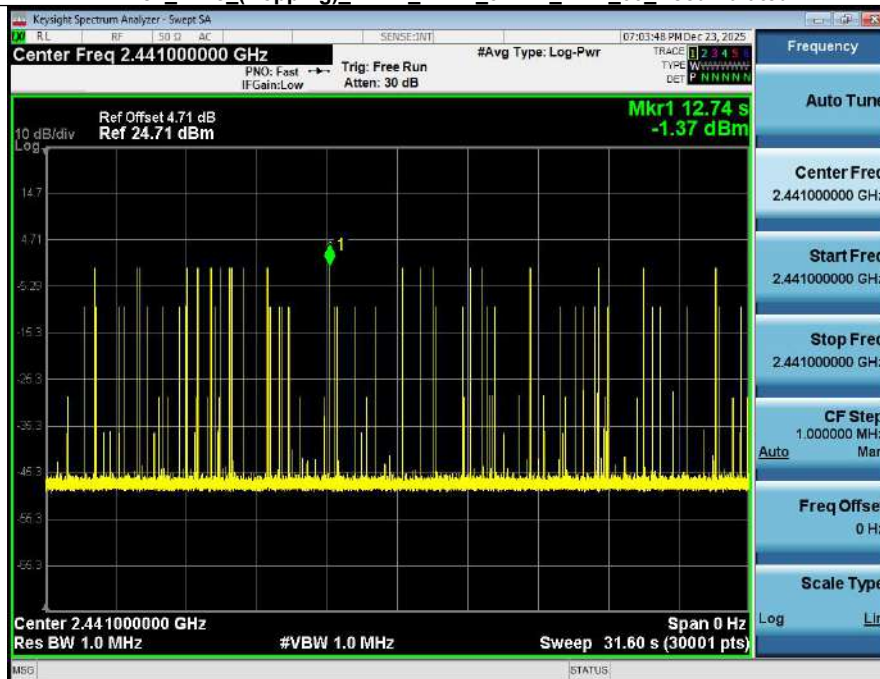
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



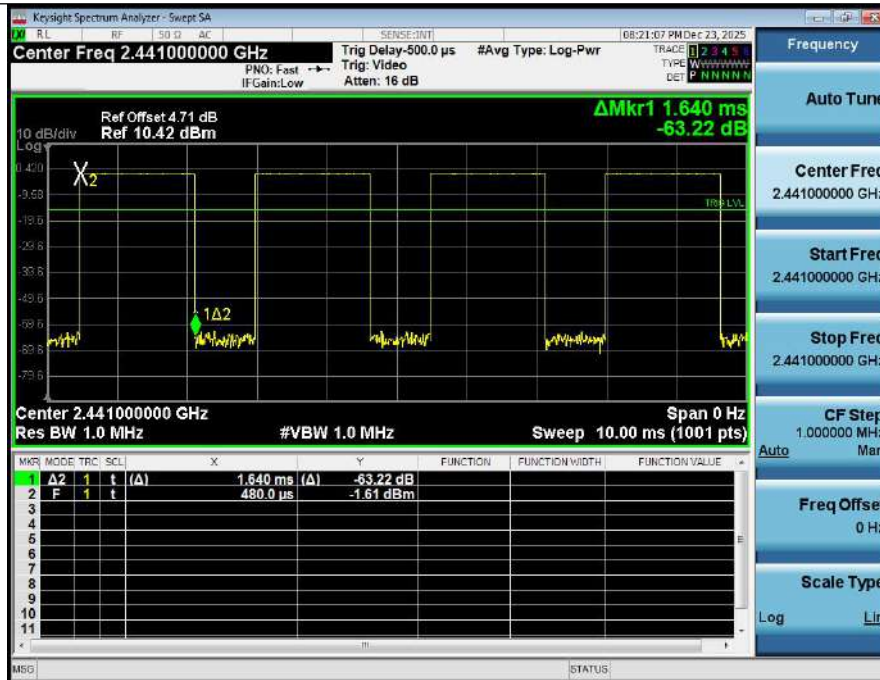
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



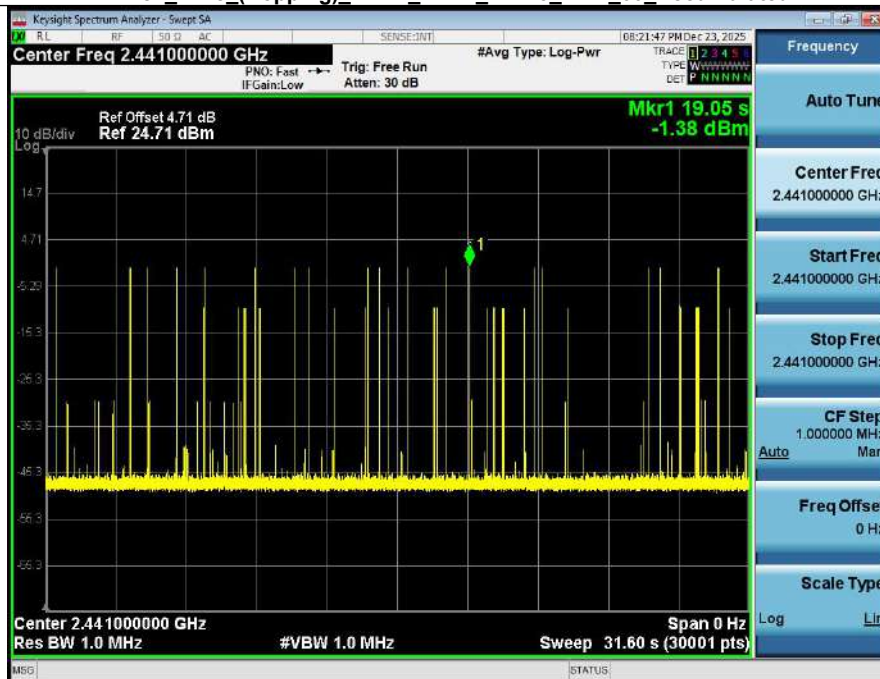
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



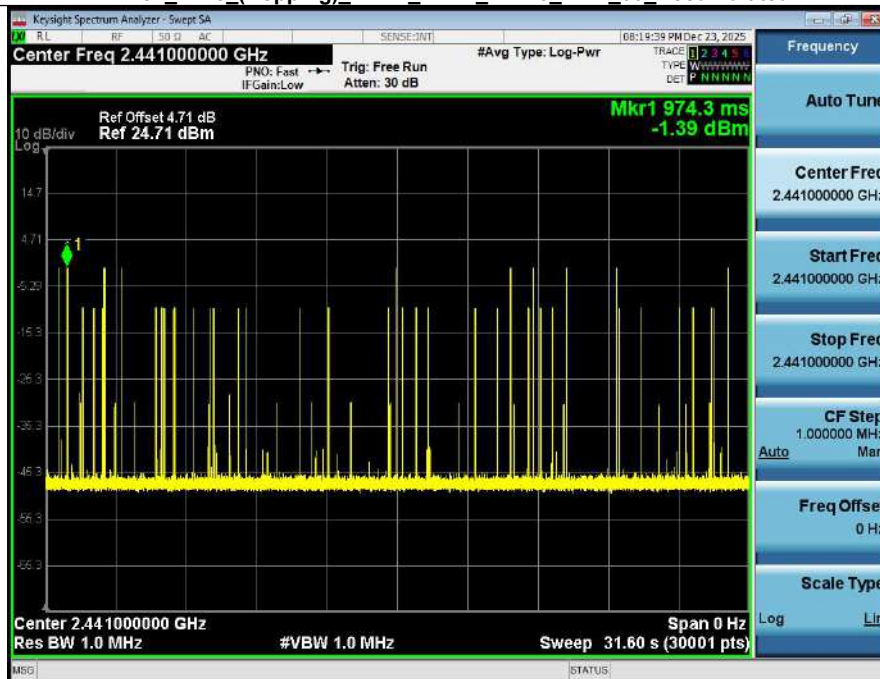
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



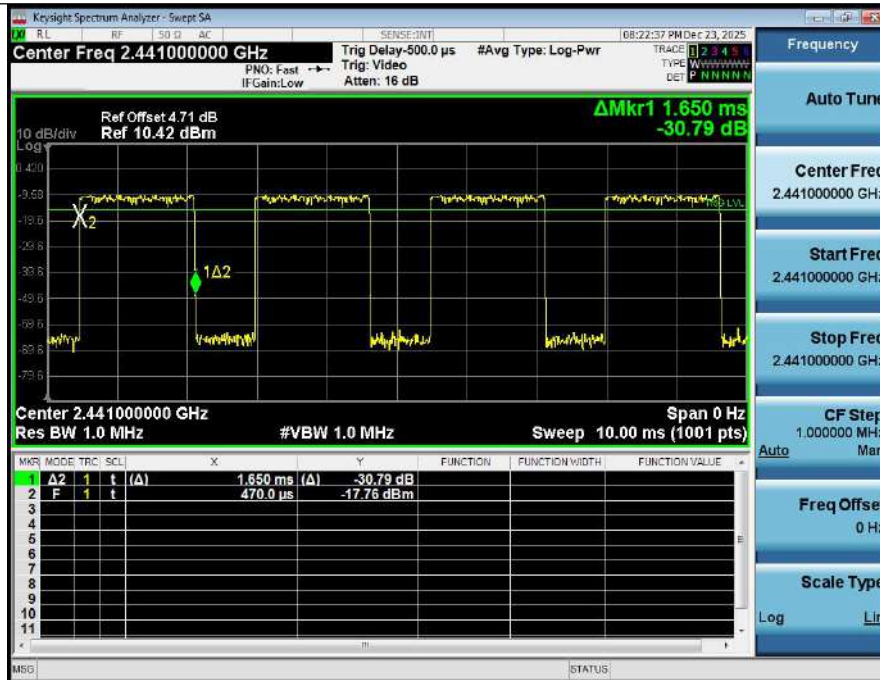
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



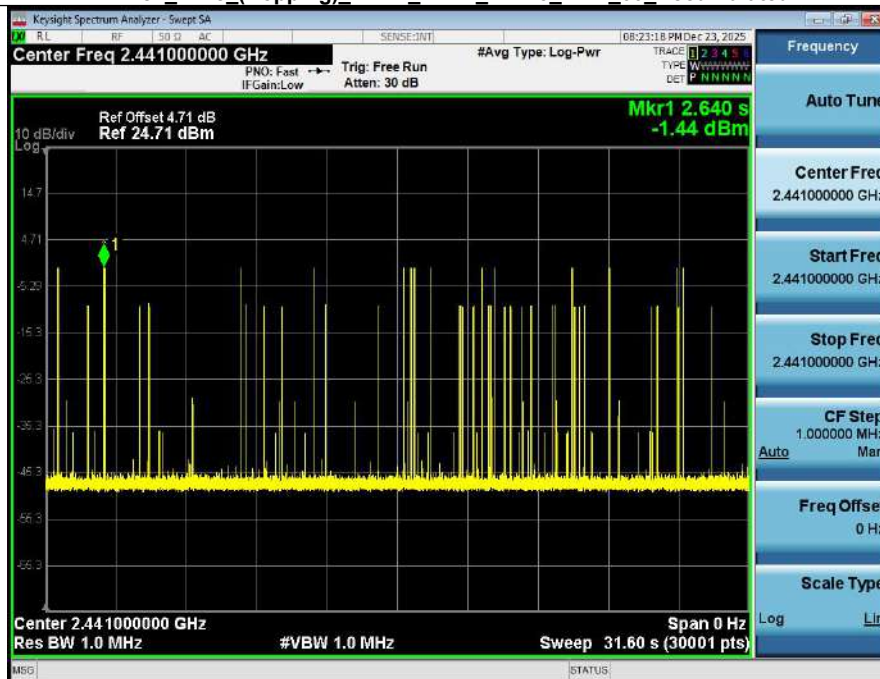
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst Time



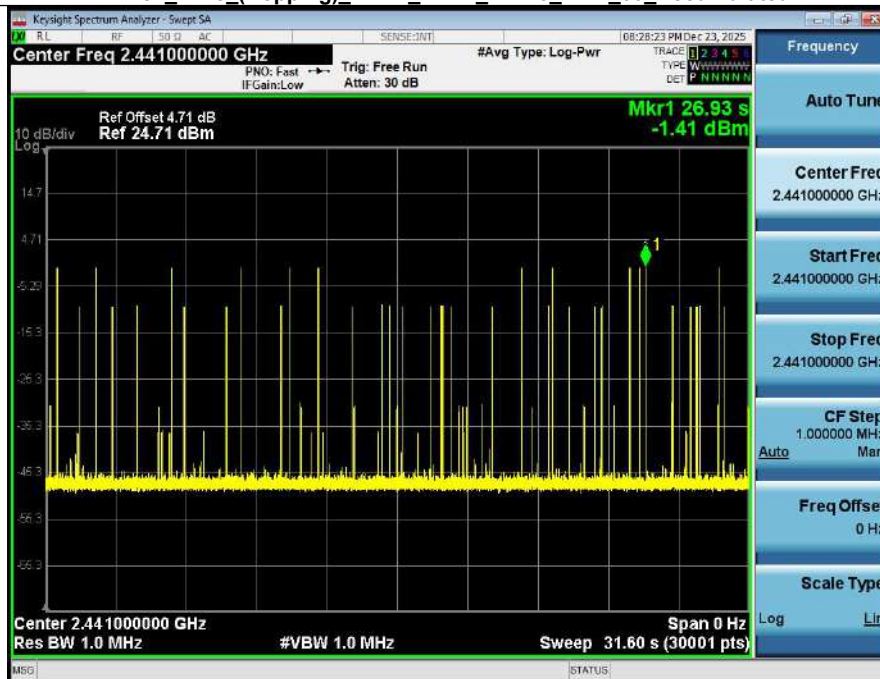
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



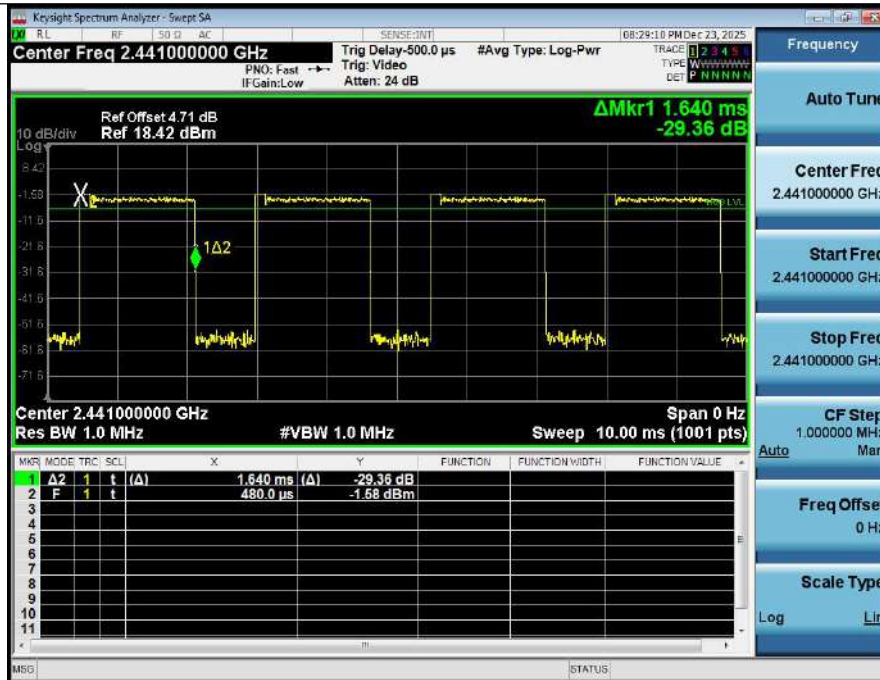
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



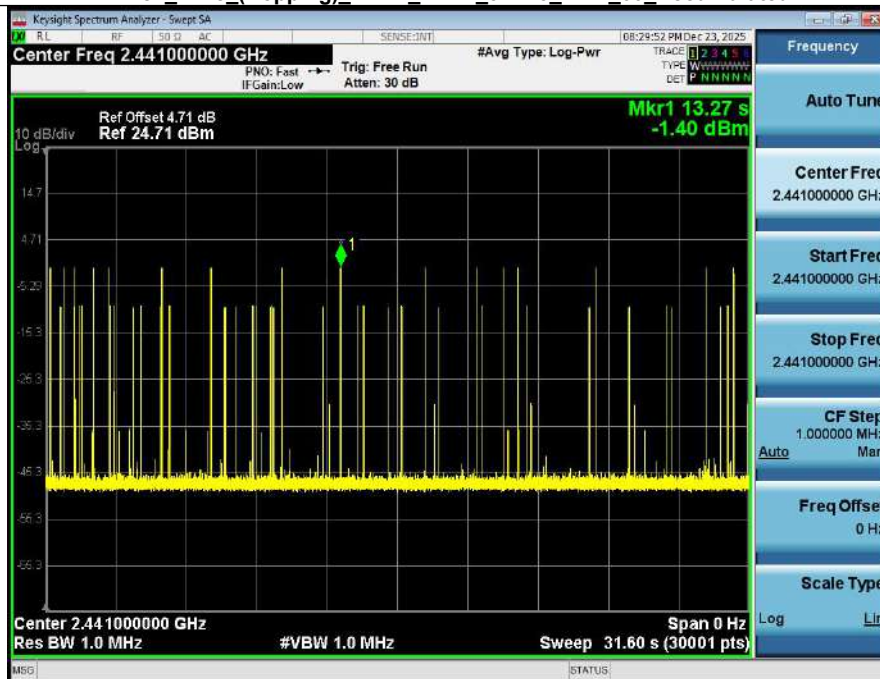
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

