

Report No. : MAX250711110P01-R01

FCC ID:2A5N2A38

FCC ID EDR

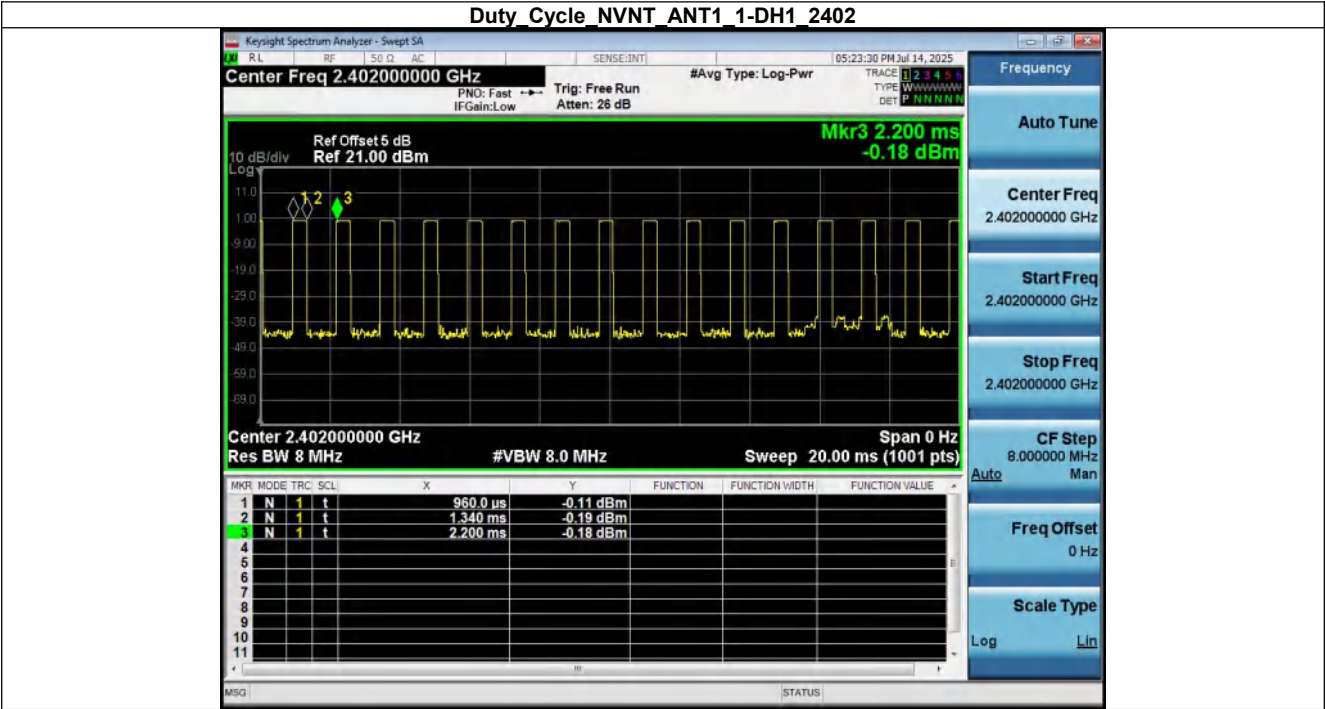
FCC_BT (Part15.247) Test Data

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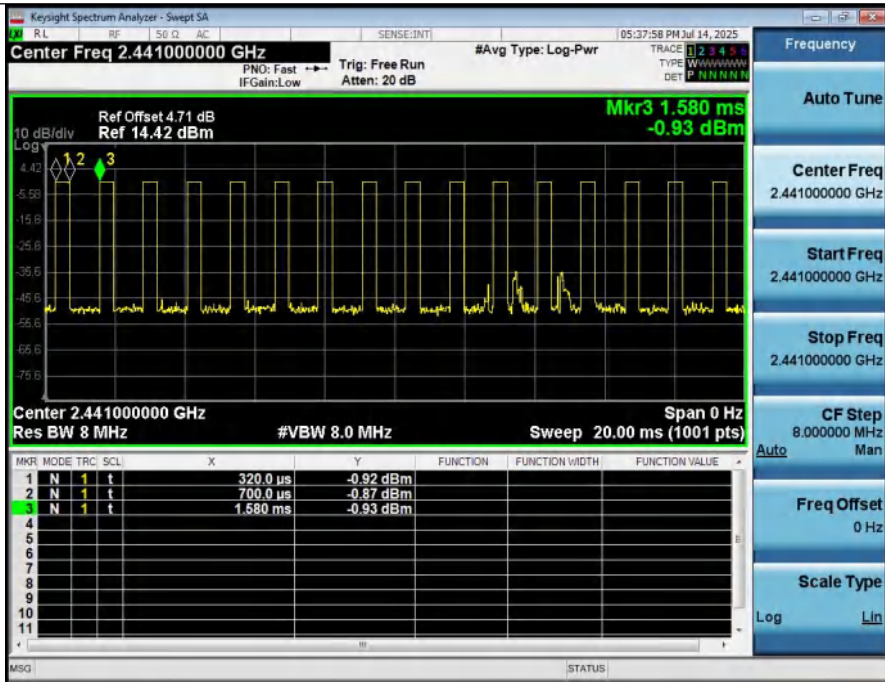
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1. Duty Cycle

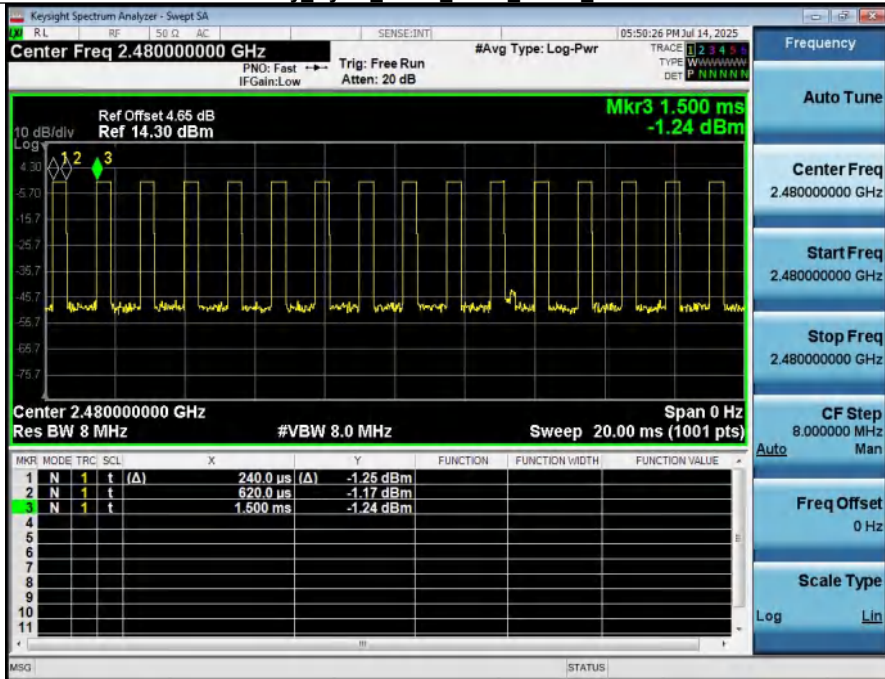
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	32.26	4.91
NVNT	ANT1	1-DH1	2441.00	30.16	5.21
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	33.33	4.77
NVNT	ANT1	2-DH1	2441.00	30.65	5.14
NVNT	ANT1	2-DH1	2480.00	30.65	5.14
NVNT	ANT1	3-DH1	2402.00	30.65	5.14
NVNT	ANT1	3-DH1	2441.00	31.75	4.98
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



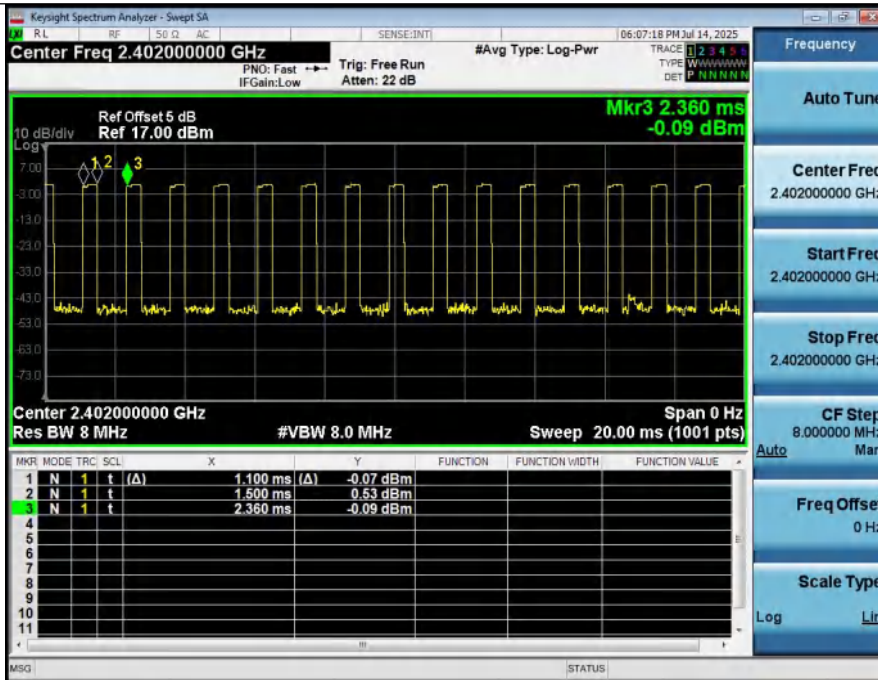
Duty Cycle_NVNT_ANT1_1-DH1_2441



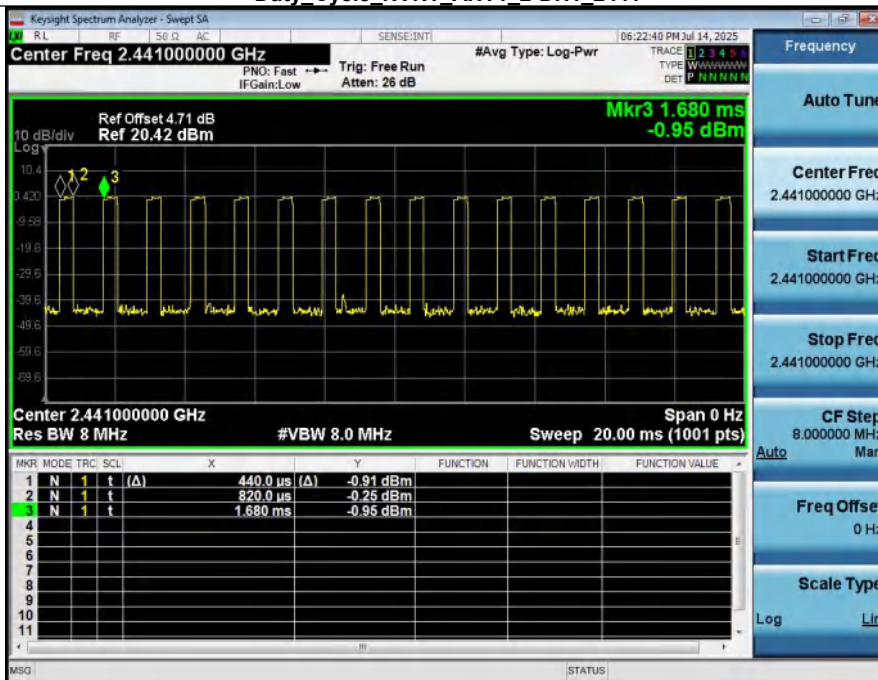
Duty Cycle_NVNT_ANT1_1-DH1_2480



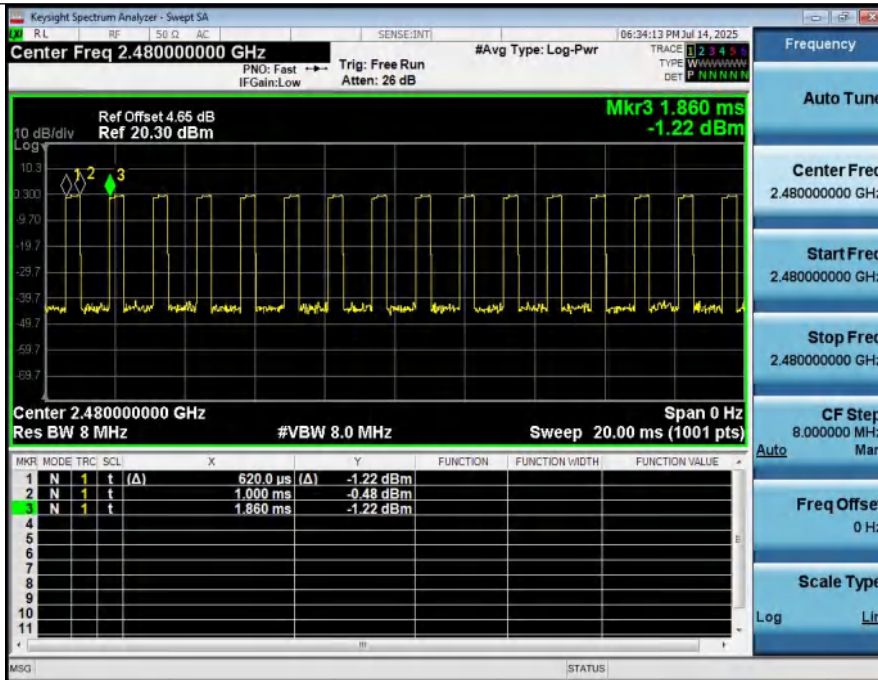
Duty Cycle_NVNT_ANT1_2-DH1_2402



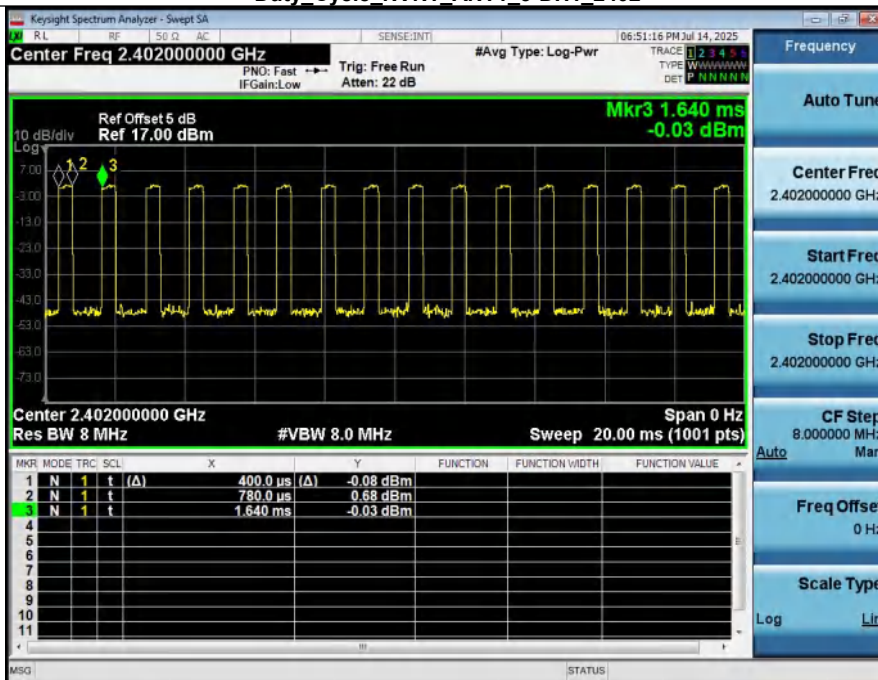
Duty Cycle_NVNT_ANT1_2-DH1_2441



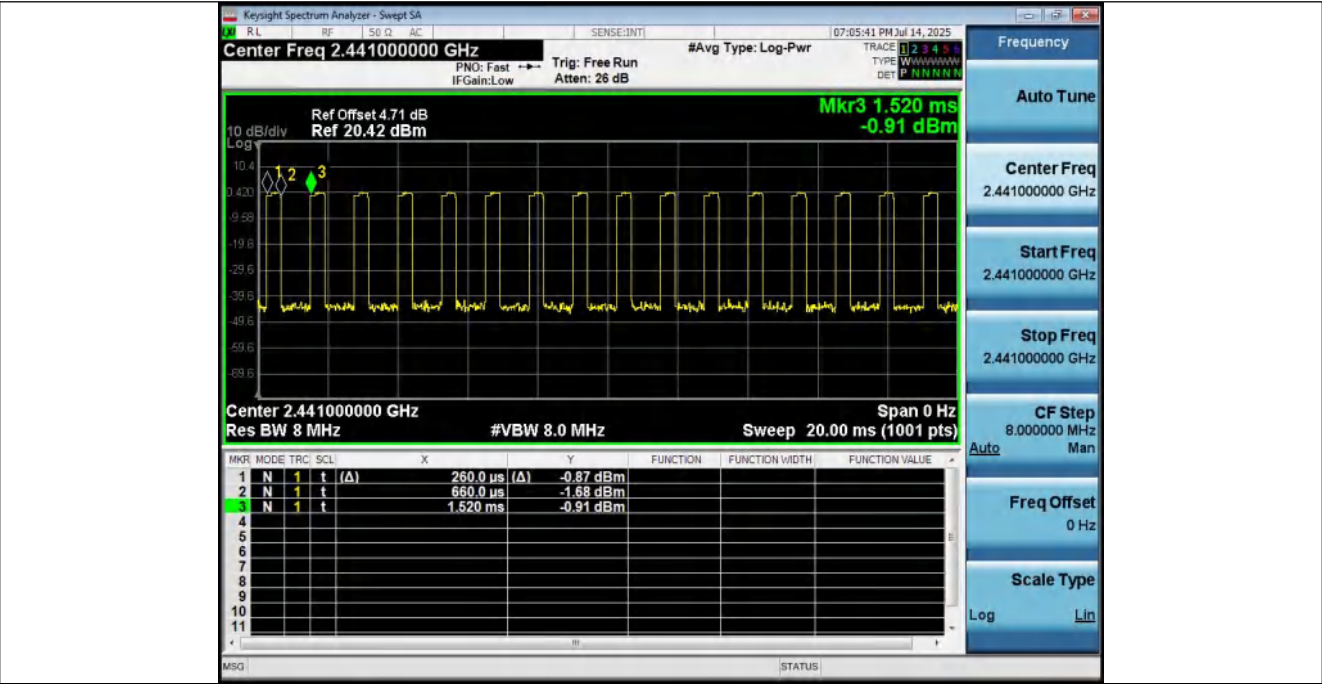
Duty Cycle_NVNT_ANT1_2-DH1_2480



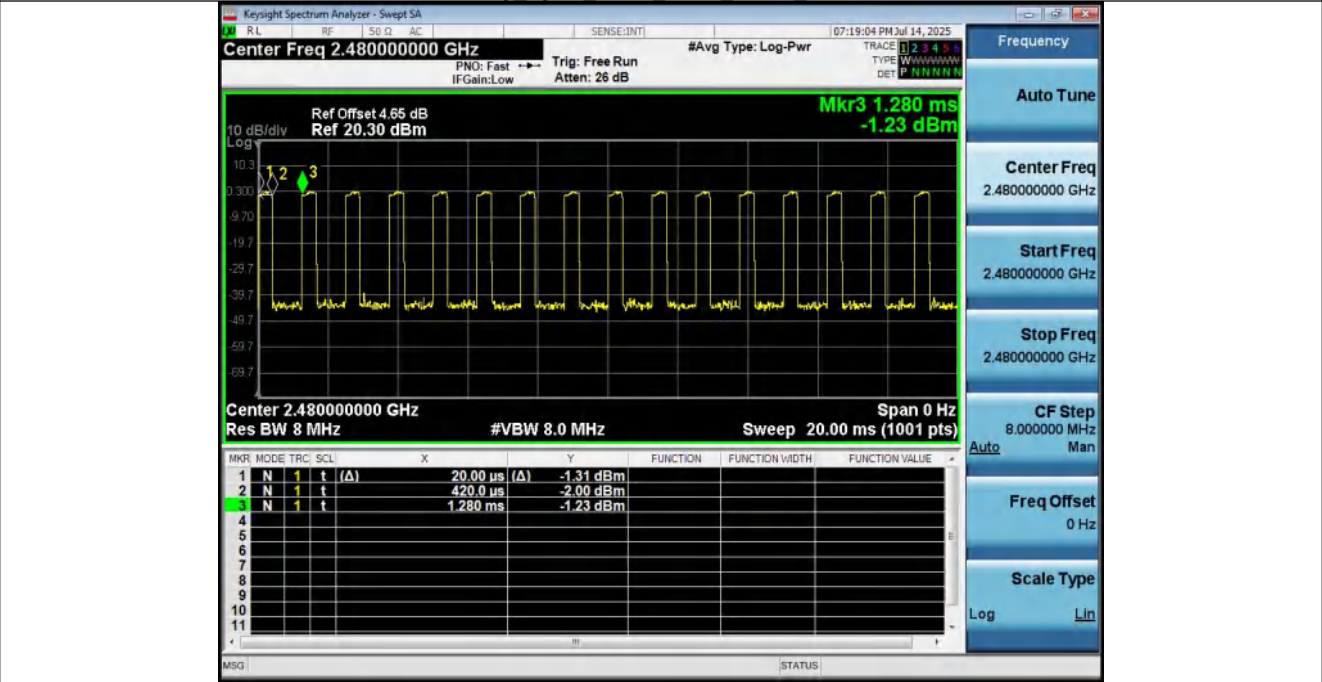
Duty_Cycle_NVNT_ANT1_3-DH1_2402



Duty_Cycle_NVNT_ANT1_3-DH1_2441

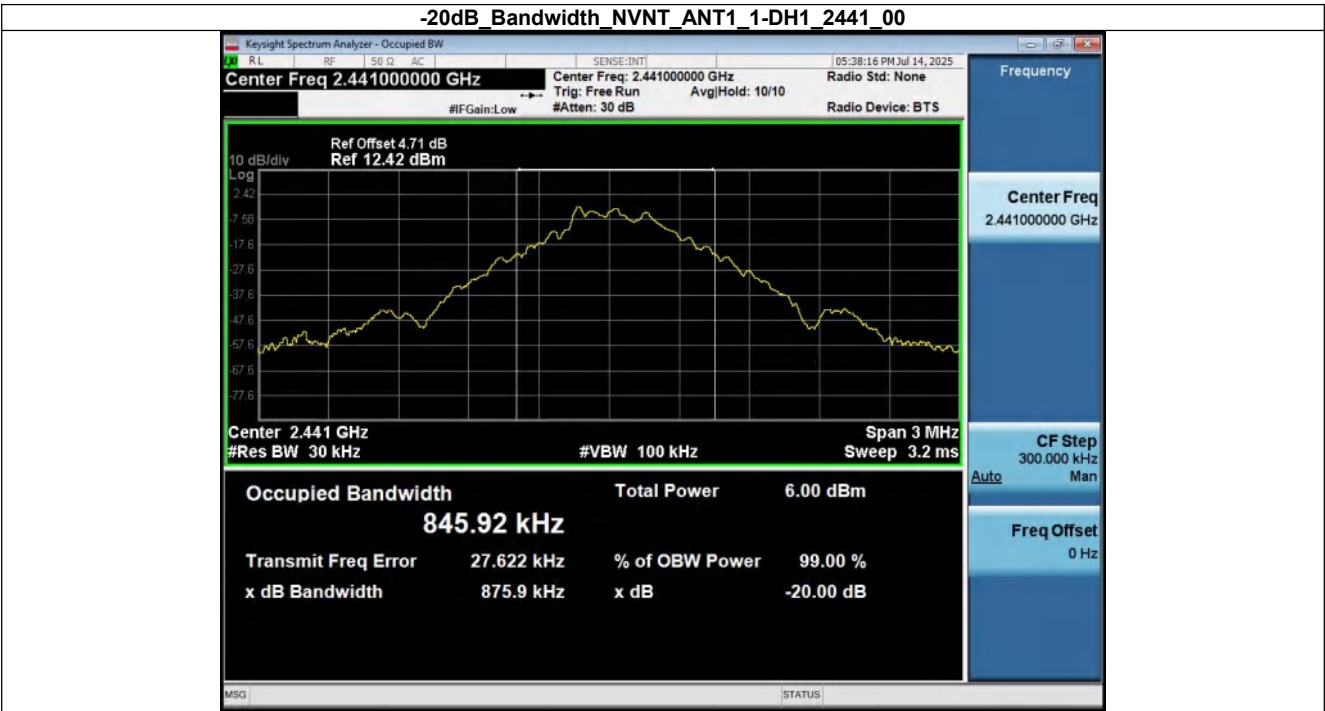


Duty Cycle_NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

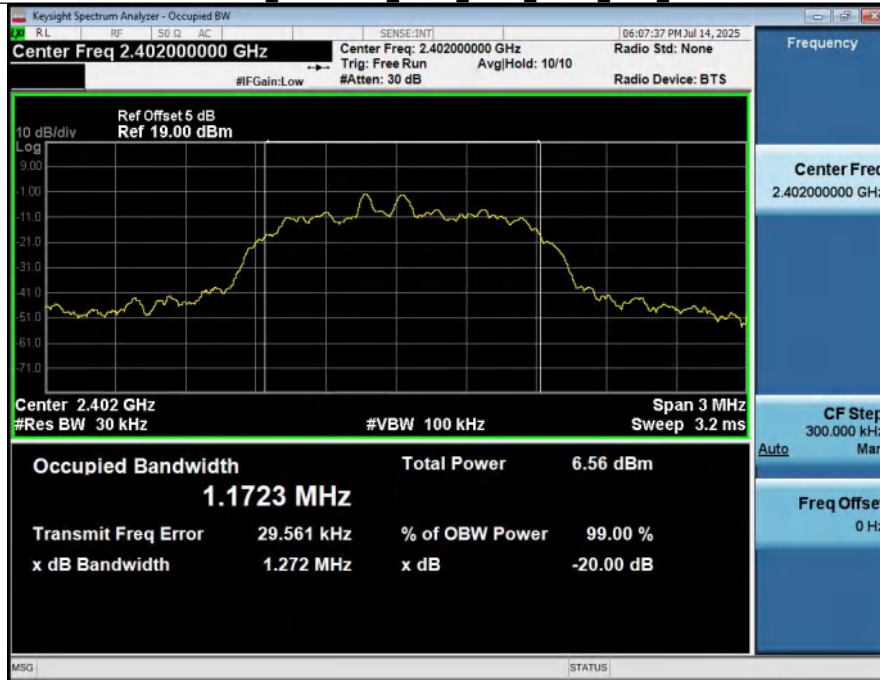
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.879	No
NVNT	ANT1	1-DH1	2441.00	0.876	No
NVNT	ANT1	1-DH1	2480.00	0.921	No
NVNT	ANT1	2-DH1	2402.00	1.272	Yes
NVNT	ANT1	2-DH1	2441.00	1.277	Yes
NVNT	ANT1	2-DH1	2480.00	1.275	Yes
NVNT	ANT1	3-DH1	2402.00	1.225	Yes
NVNT	ANT1	3-DH1	2441.00	1.226	Yes
NVNT	ANT1	3-DH1	2480.00	1.250	Yes



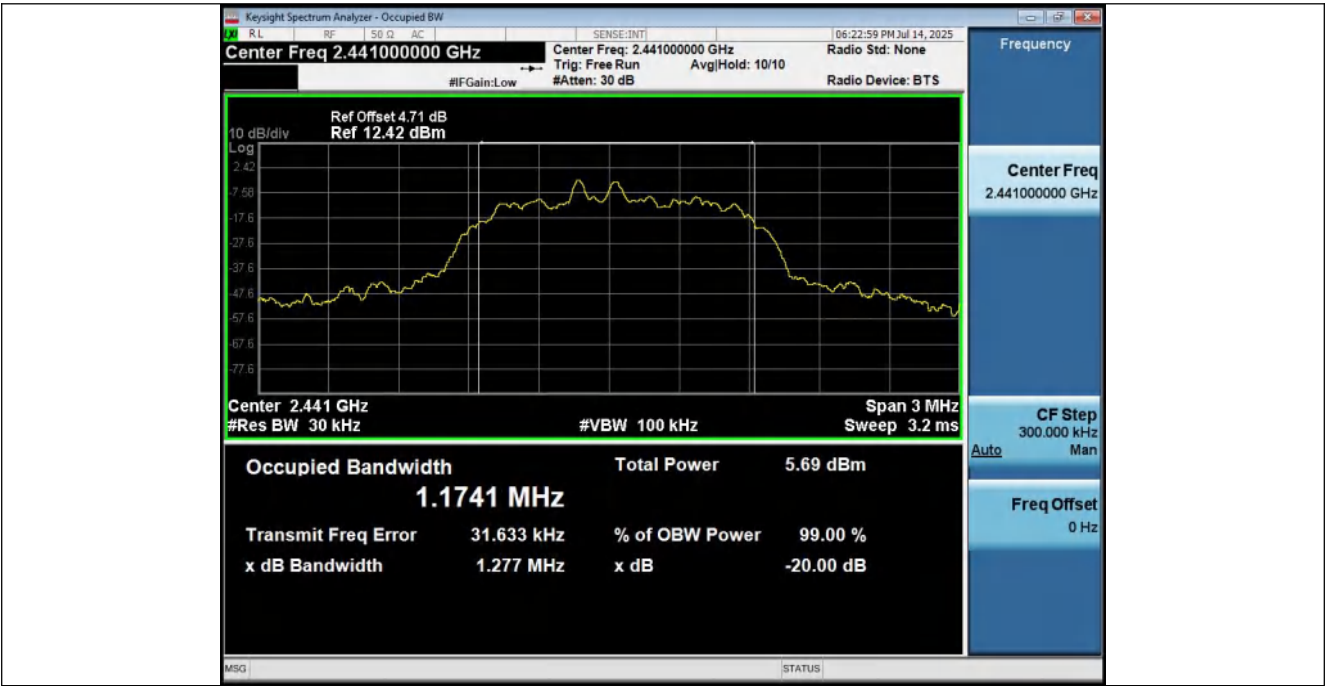
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-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



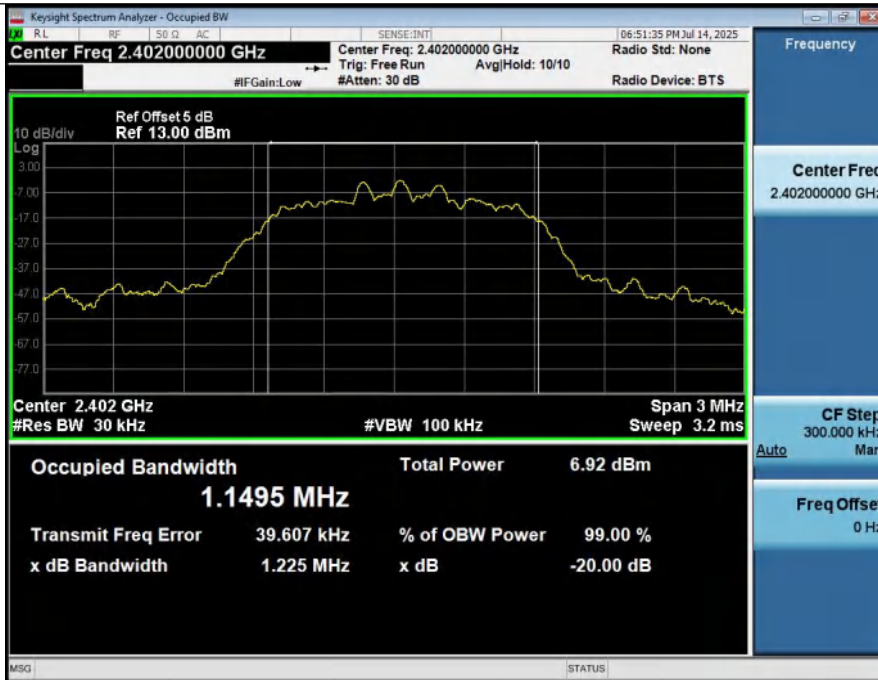
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



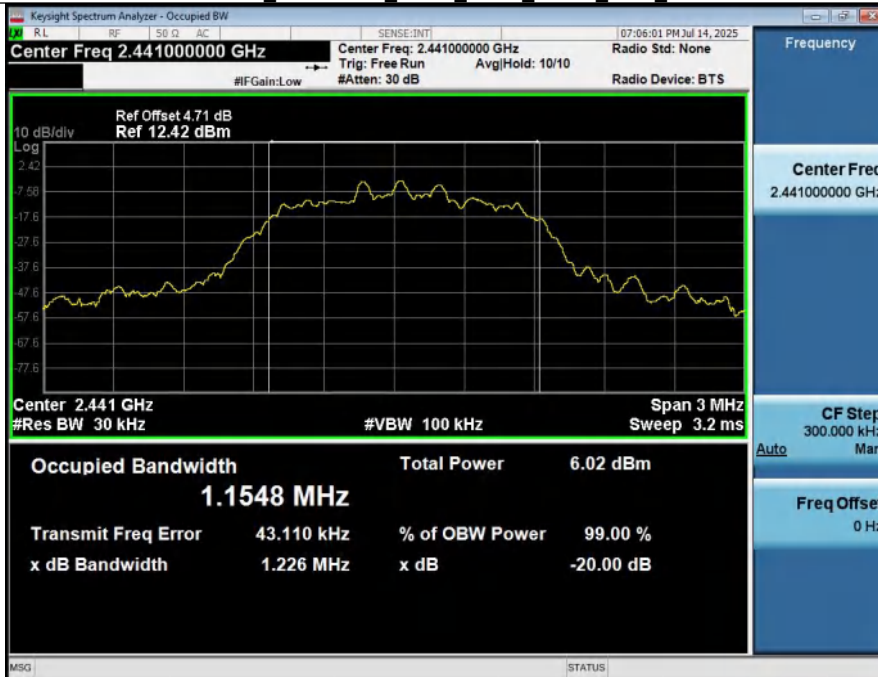
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

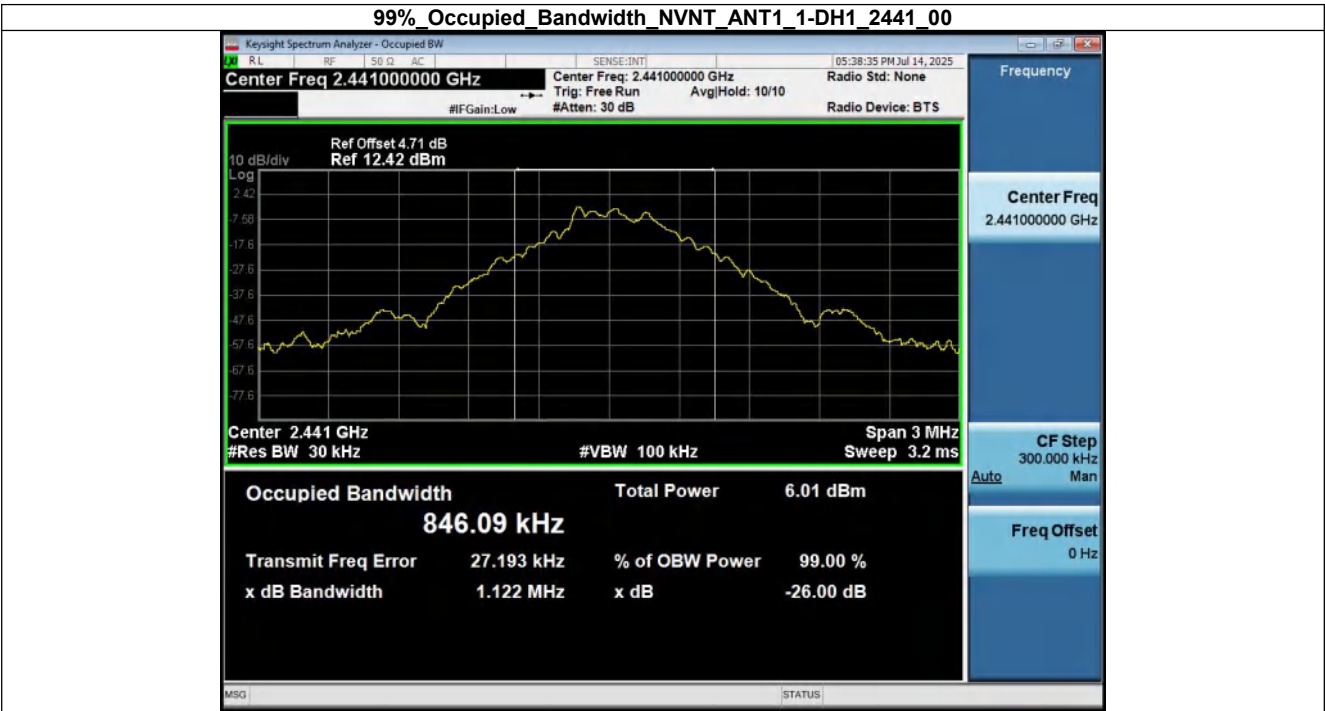


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

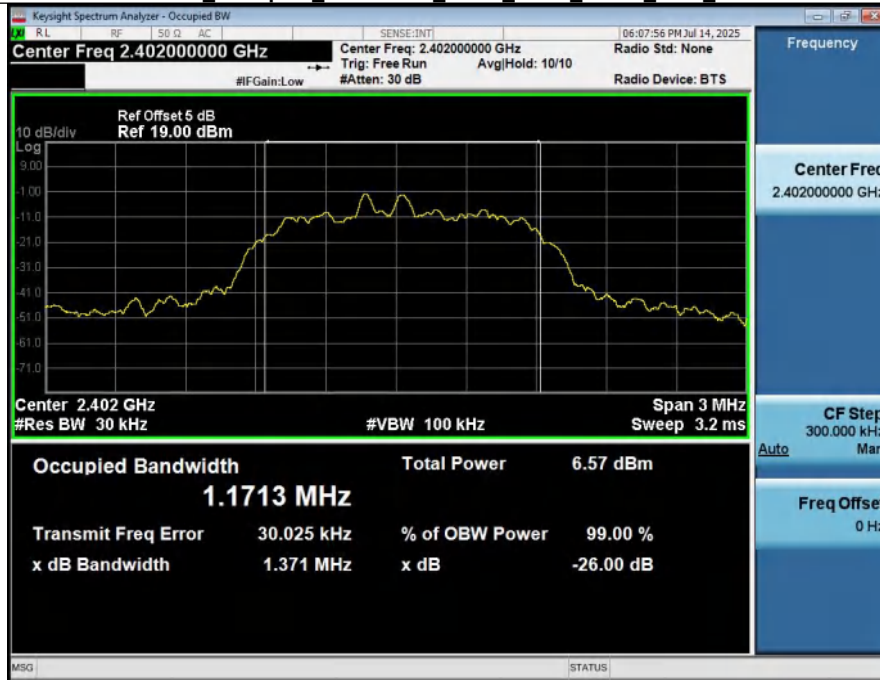
Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.835
NVNT	ANT1	1-DH1	2441.00	0.846
NVNT	ANT1	1-DH1	2480.00	0.850
NVNT	ANT1	2-DH1	2402.00	1.171
NVNT	ANT1	2-DH1	2441.00	1.175
NVNT	ANT1	2-DH1	2480.00	1.175
NVNT	ANT1	3-DH1	2402.00	1.150
NVNT	ANT1	3-DH1	2441.00	1.154
NVNT	ANT1	3-DH1	2480.00	1.156



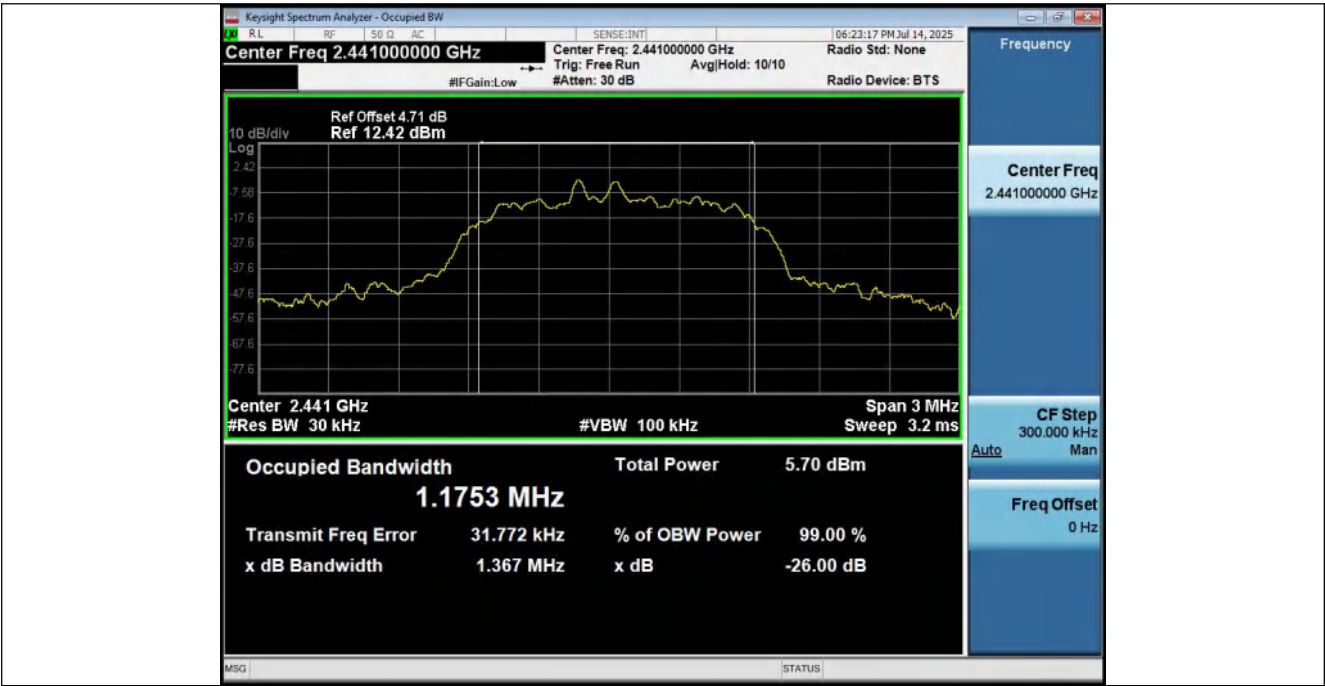
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



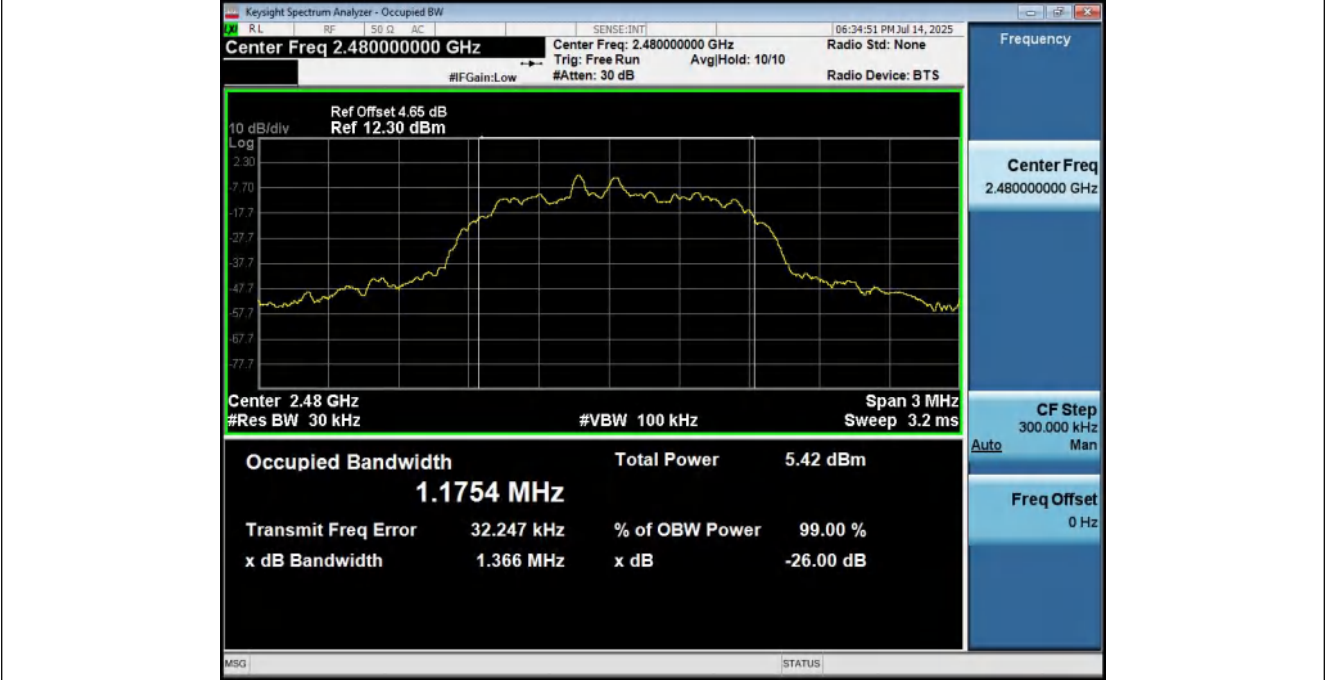
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



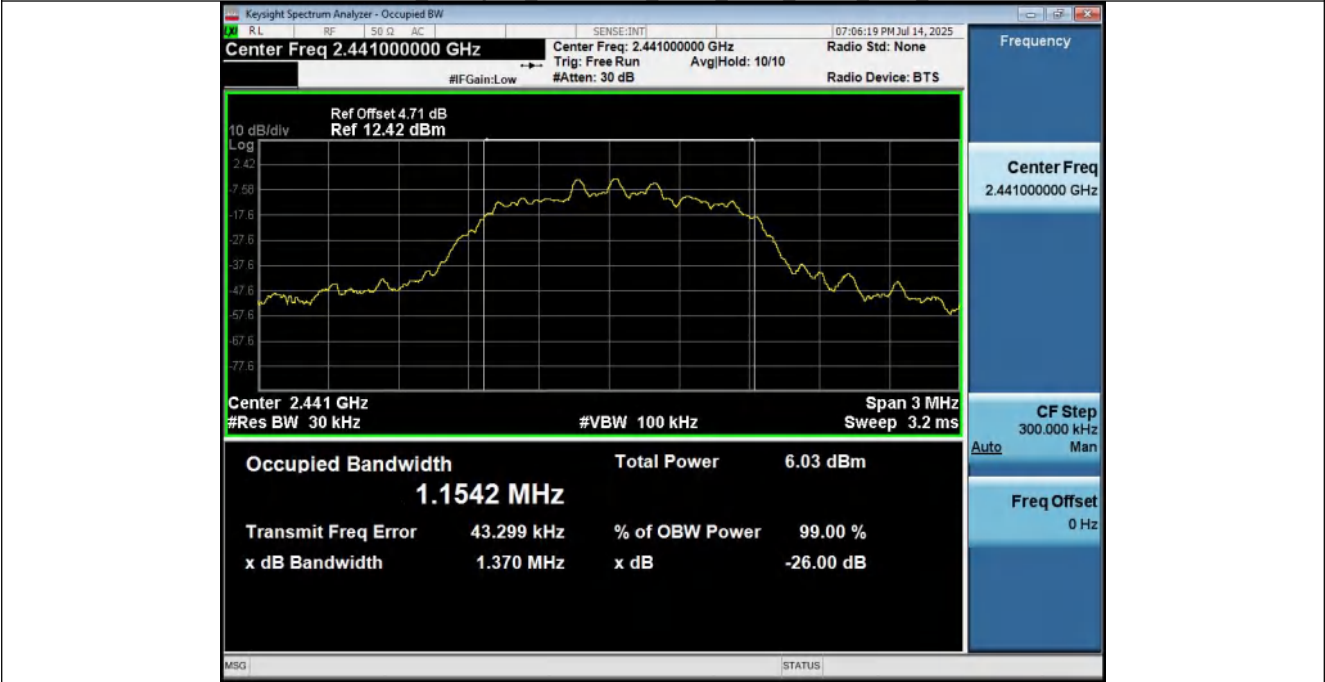
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480_00



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	-0.16	0.96	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.89	0.81	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.19	0.76	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.65	1.16	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.09	0.98	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.41	0.91	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.24	1.33	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.49	1.12	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.15	1.04	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH1_2402_00



Peak_Output_Power_NVNT_ANT1_1-DH1_2441_00



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



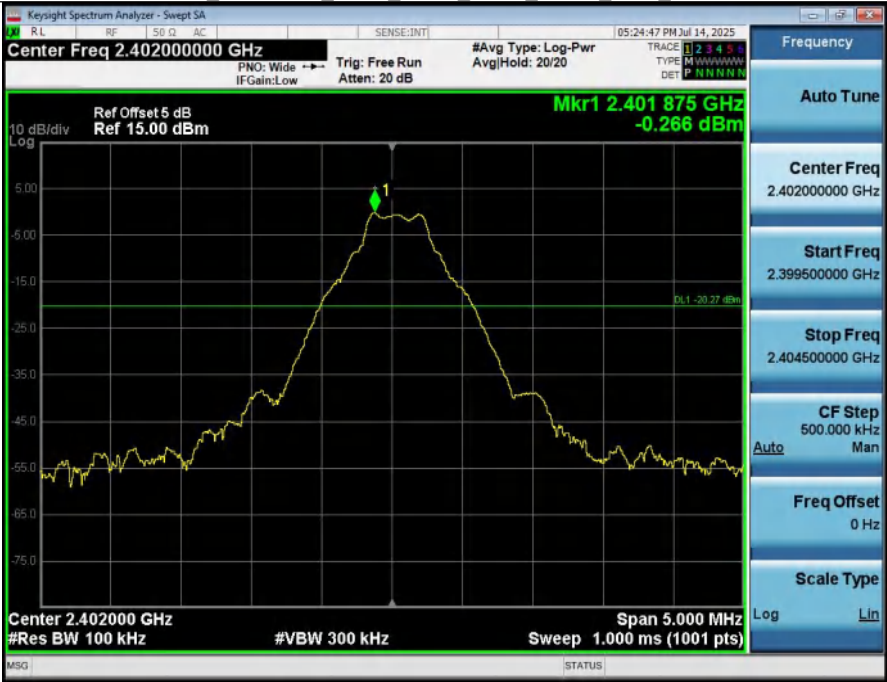
Peak_Output_Power_NVNT_ANT1_3-DH1_2480_00



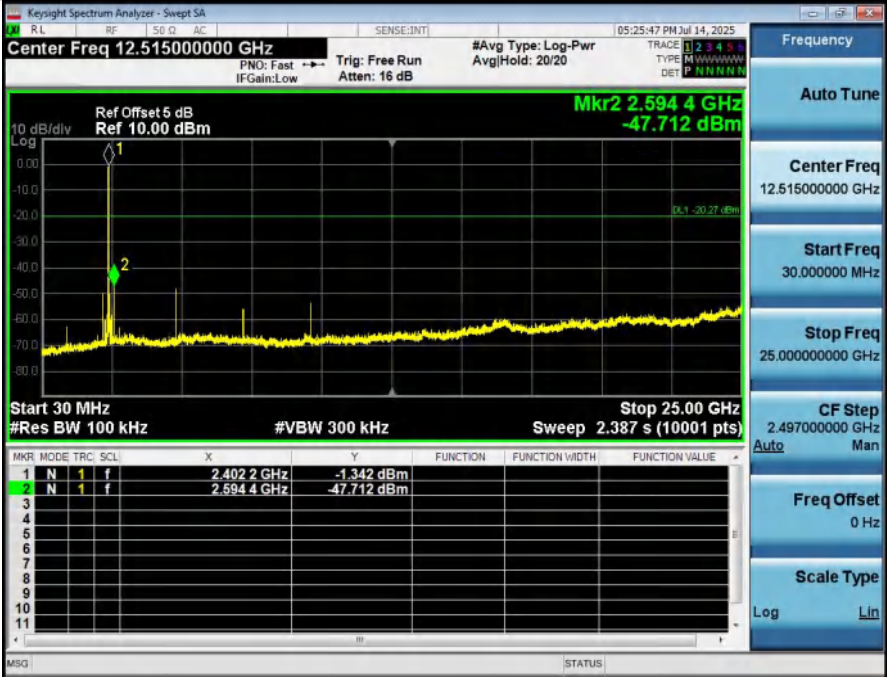
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.266	-47.712	-20.266	Pass
NVNT	ANT1	1-DH1	2441.00	-1.023	-49.320	-21.023	Pass
NVNT	ANT1	1-DH1	2480.00	-1.290	-46.707	-21.290	Pass
NVNT	ANT1	2-DH1	2402.00	-0.208	-48.325	-20.208	Pass
NVNT	ANT1	2-DH1	2441.00	-1.037	-46.348	-21.037	Pass
NVNT	ANT1	2-DH1	2480.00	-1.304	-47.091	-21.304	Pass
NVNT	ANT1	3-DH1	2402.00	-0.226	-48.132	-20.226	Pass
NVNT	ANT1	3-DH1	2441.00	-1.007	-42.700	-21.007	Pass
NVNT	ANT1	3-DH1	2480.00	-1.338	-48.113	-21.338	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



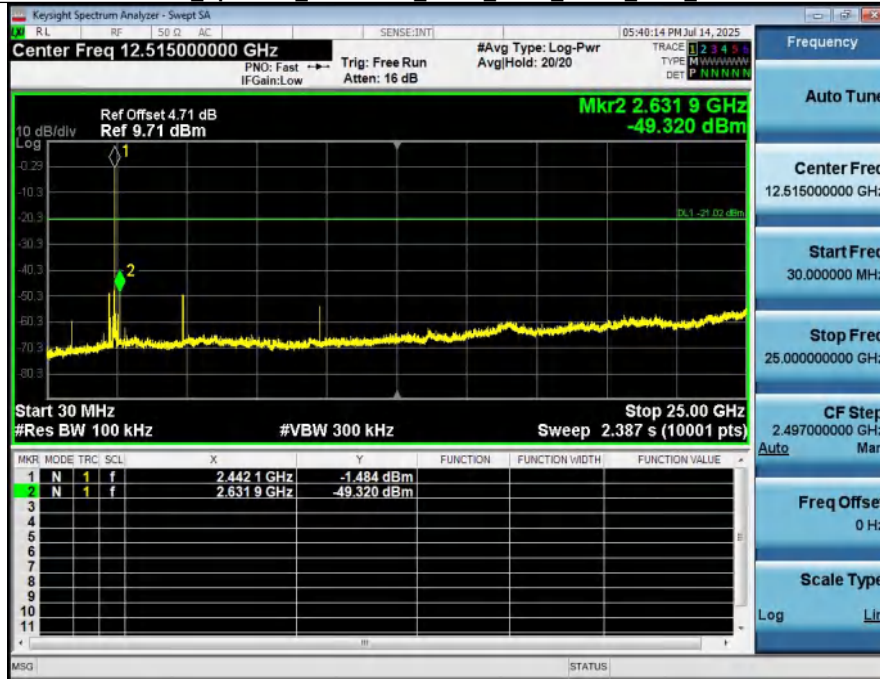
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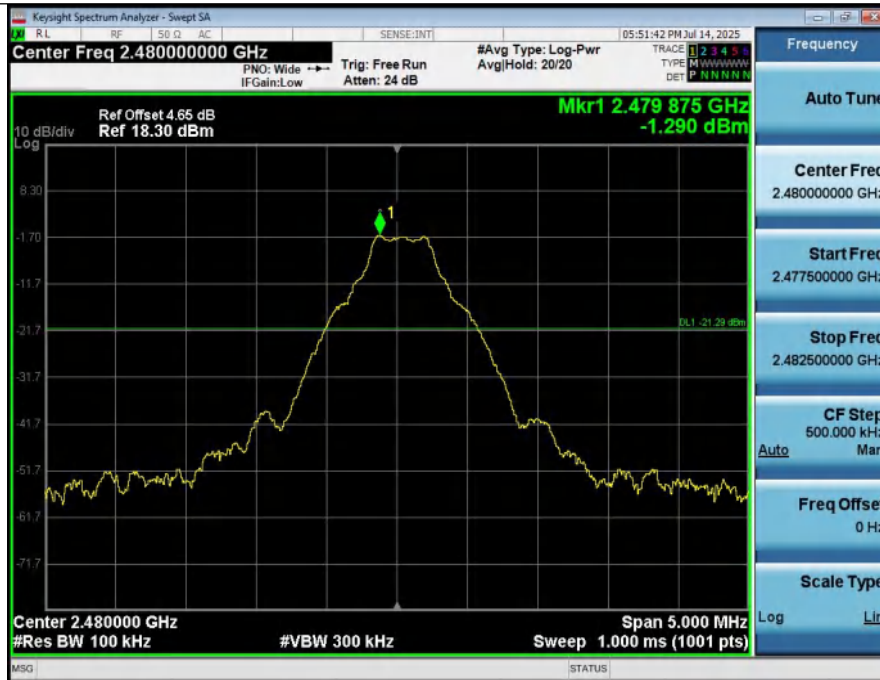
1 Reference Level NVNT ANT1 1-DH1 2441 00



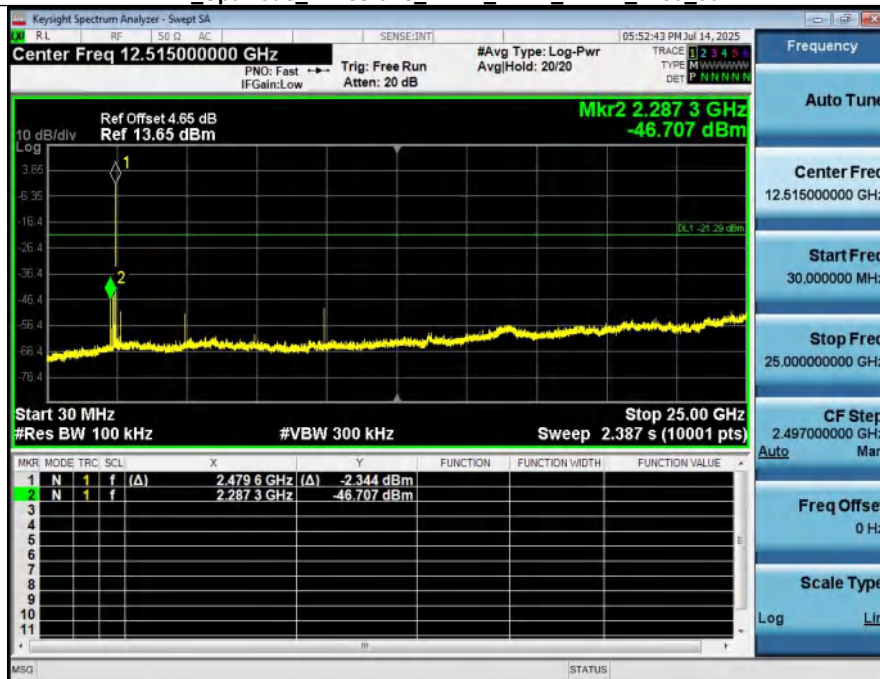
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



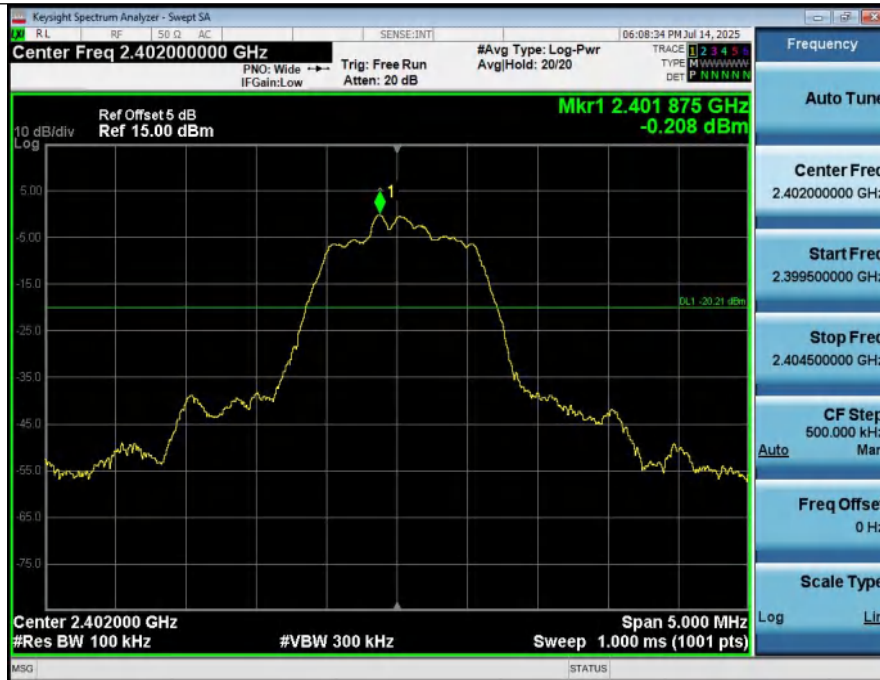
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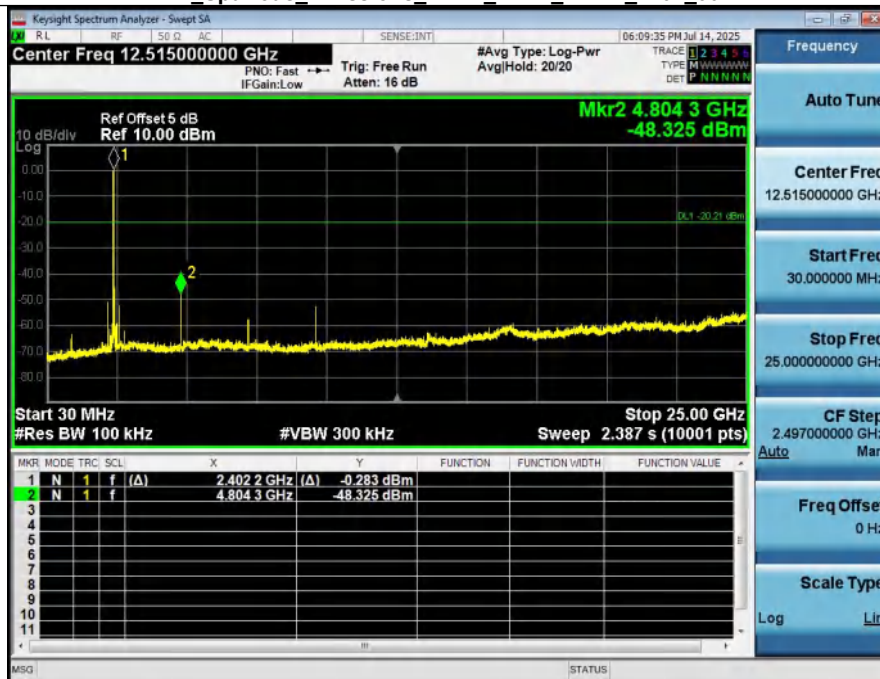
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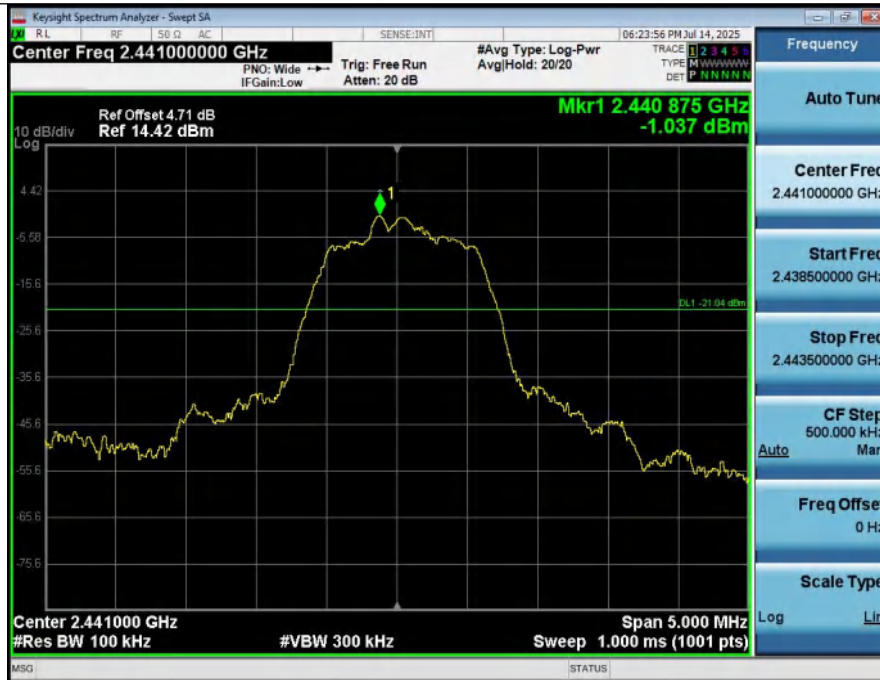
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



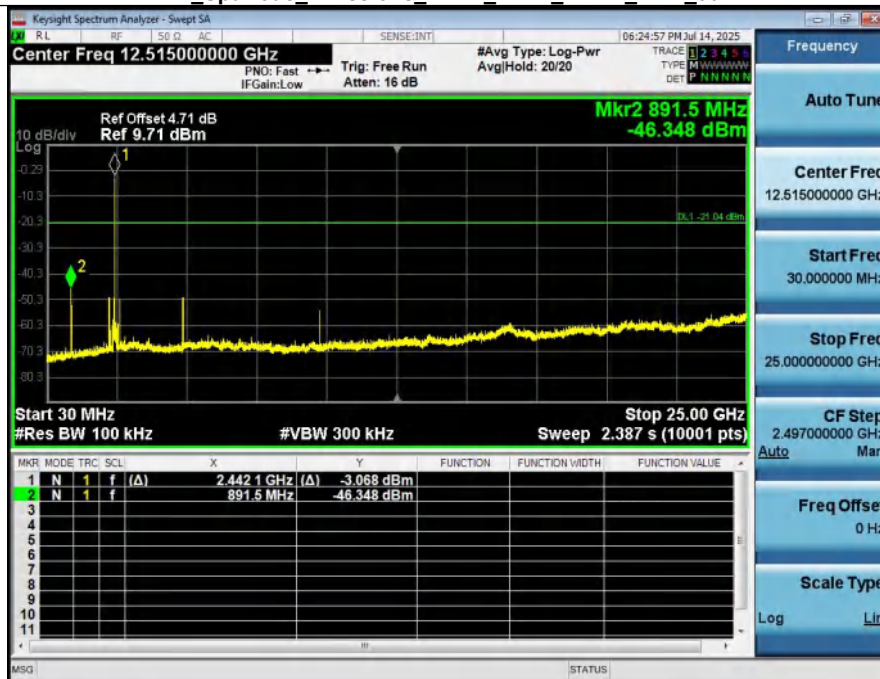
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



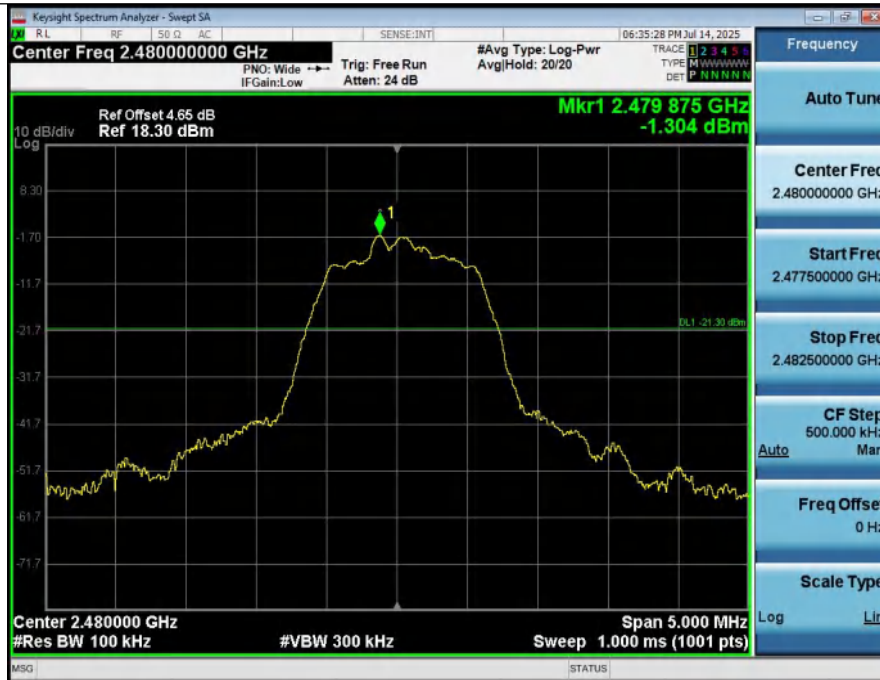
1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



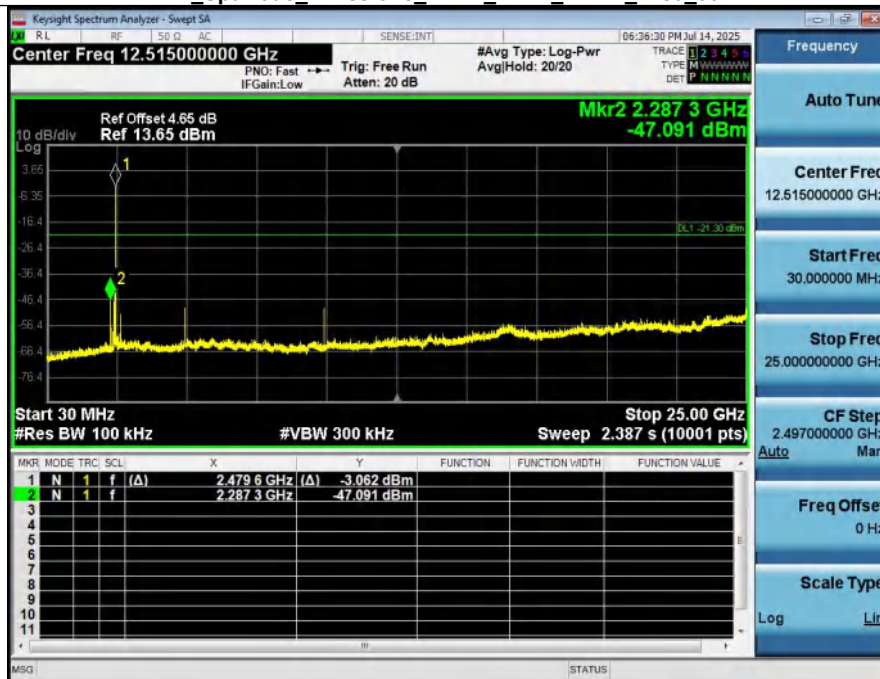
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



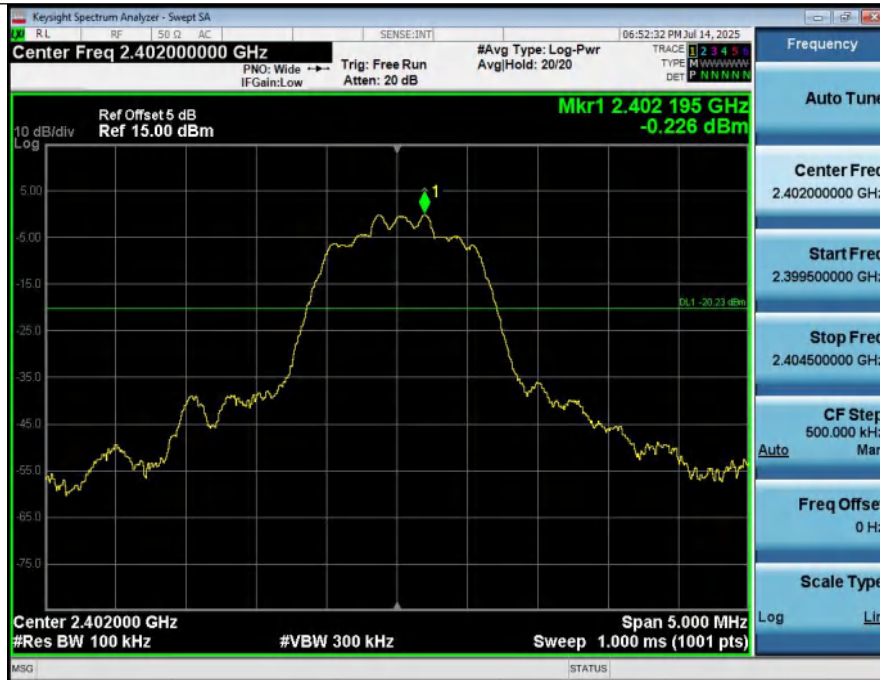
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



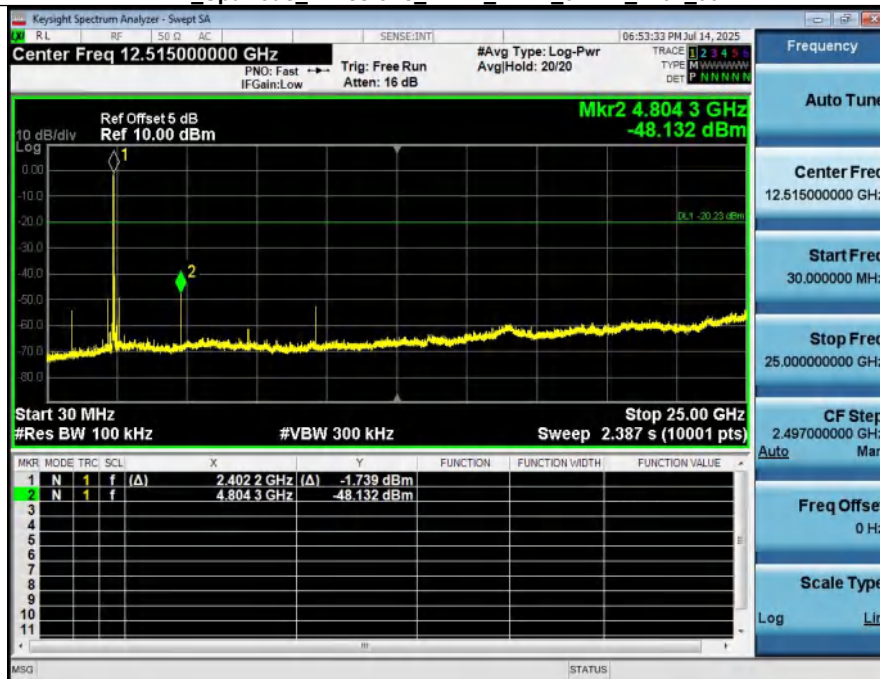
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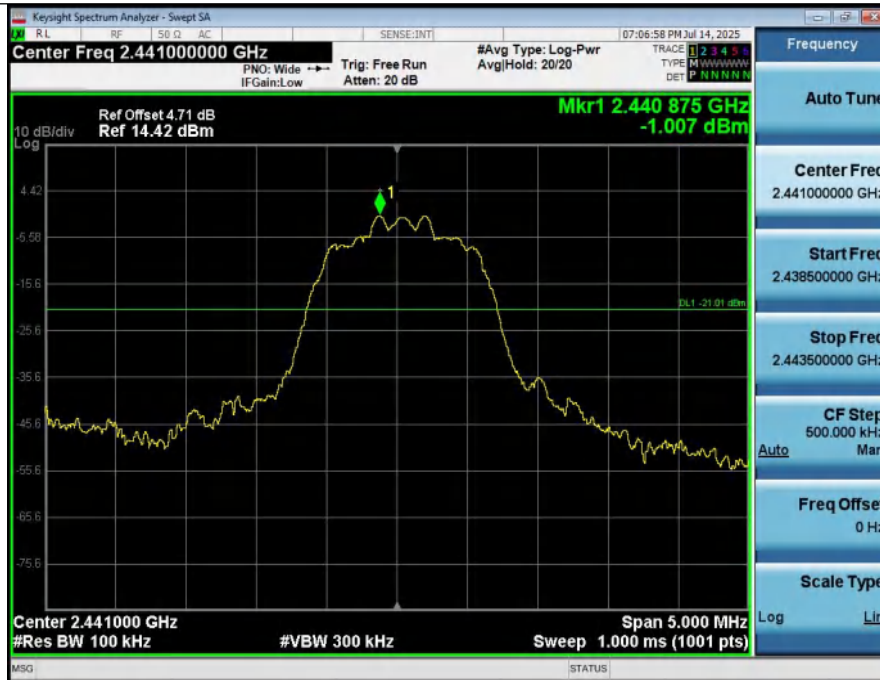
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



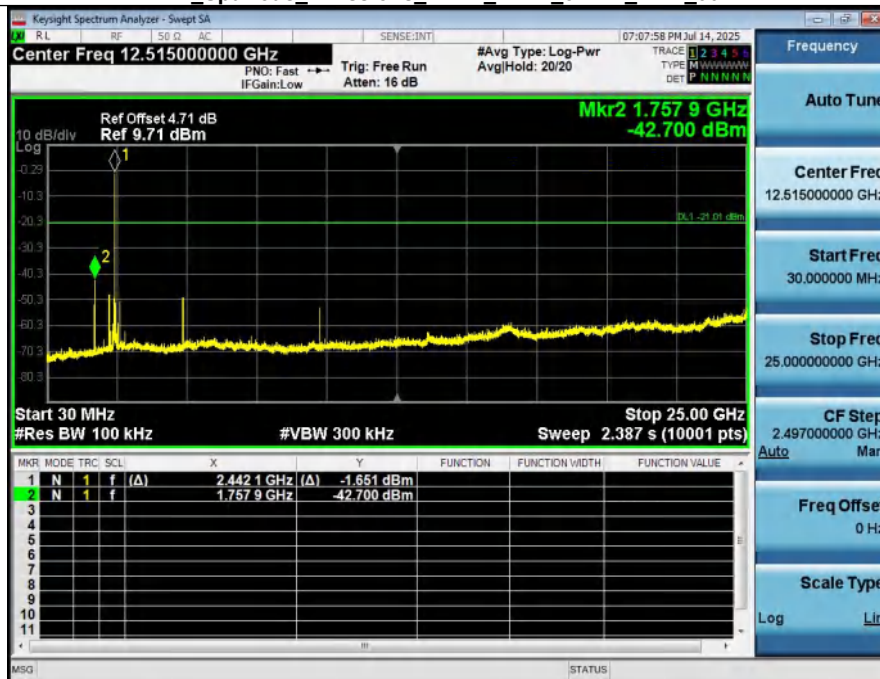
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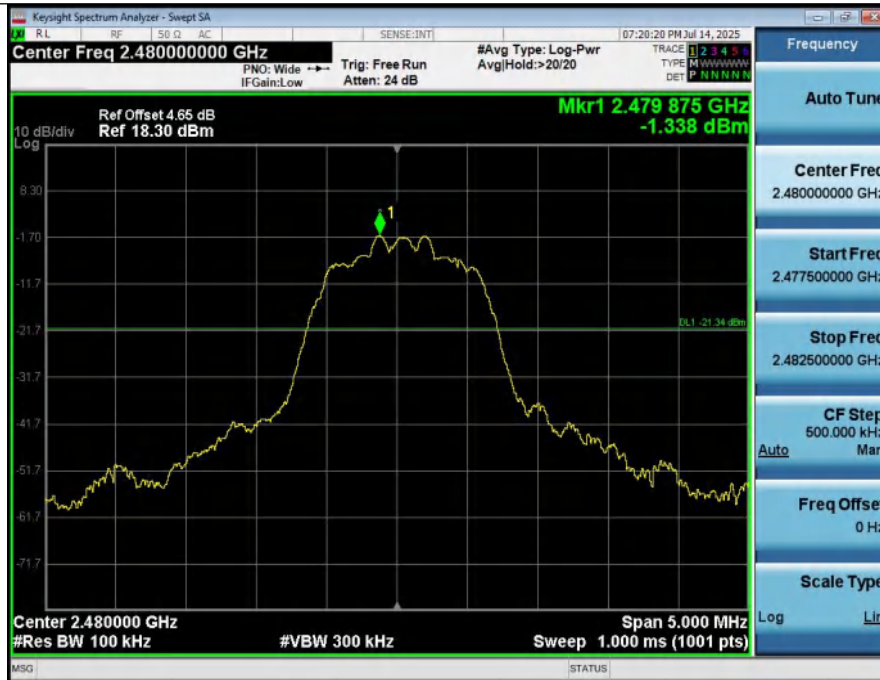
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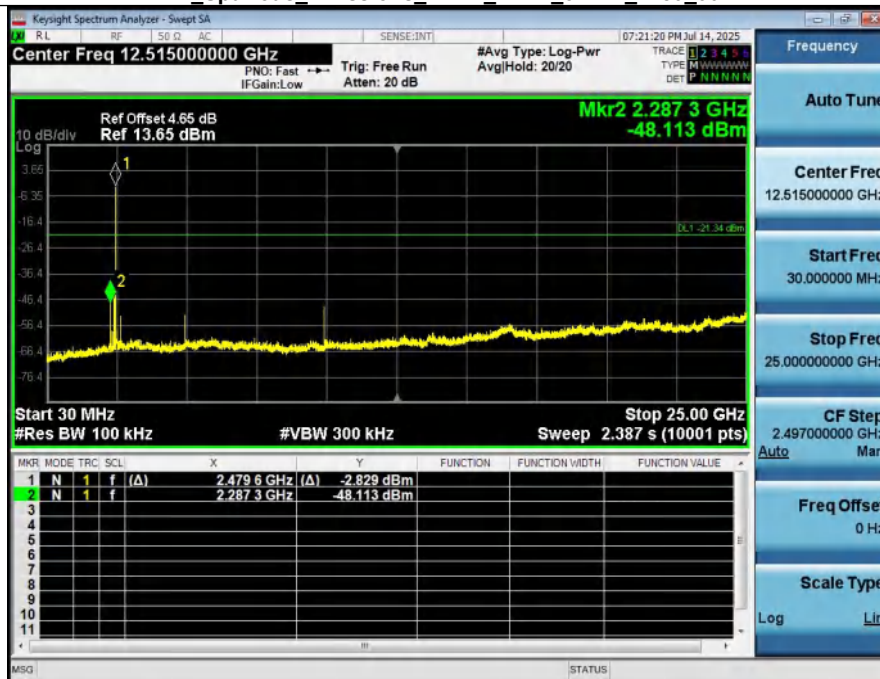
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1_Reference_Level_NVNT_ANT1_3-DH1_2480_00

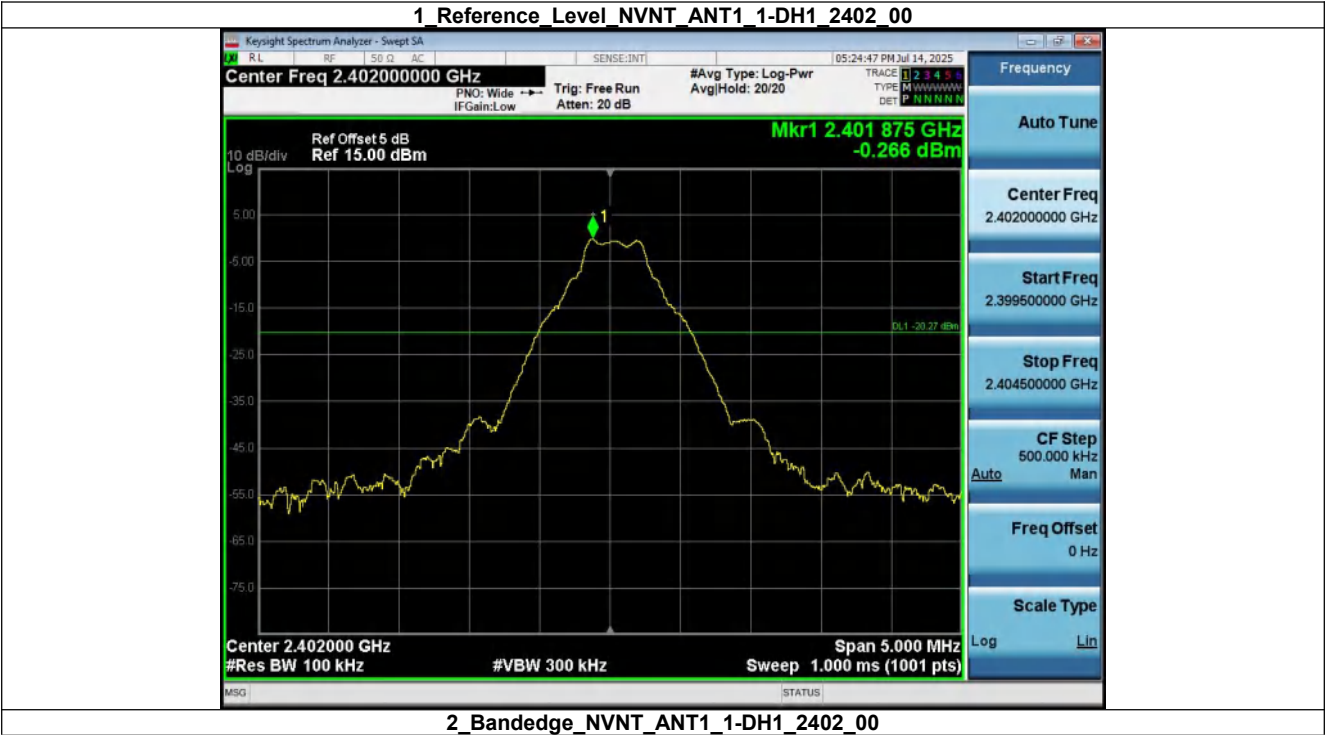


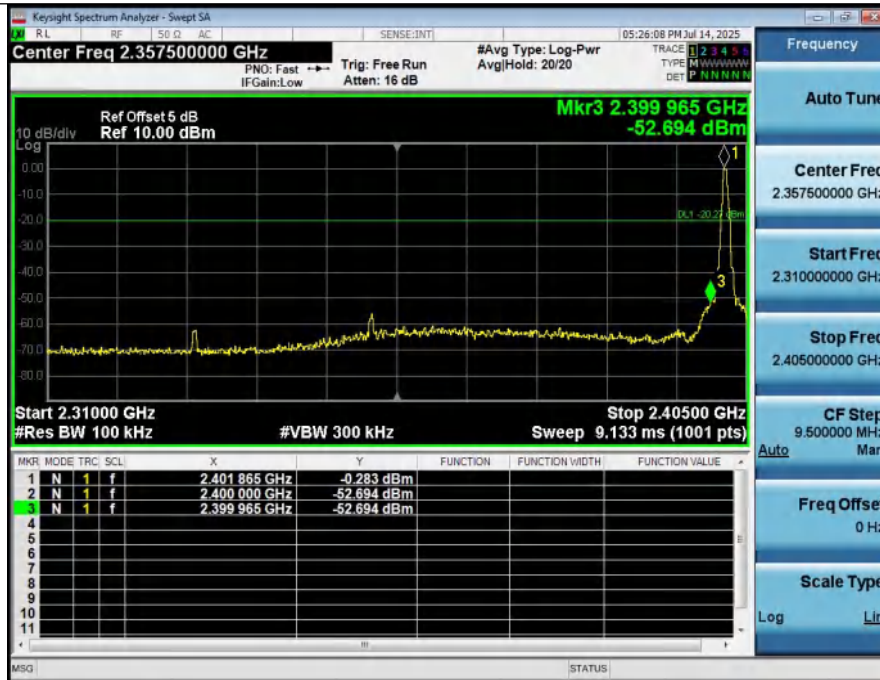
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.266	-52.694	-20.266	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.169	-51.949	-20.169	Pass
NVNT	ANT1	1-DH1	2480.00	-1.290	-59.972	-21.290	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.480	-55.443	-20.480	Pass
NVNT	ANT1	2-DH1	2402.00	-0.208	-50.917	-20.208	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.154	-50.517	-20.154	Pass
NVNT	ANT1	2-DH1	2480.00	-1.304	-60.919	-21.304	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.521	-55.955	-20.521	Pass
NVNT	ANT1	3-DH1	2402.00	-0.226	-49.655	-20.226	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.169	-53.270	-20.169	Pass
NVNT	ANT1	3-DH1	2480.00	-1.338	-61.692	-21.338	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.565	-56.396	-20.565	Pass

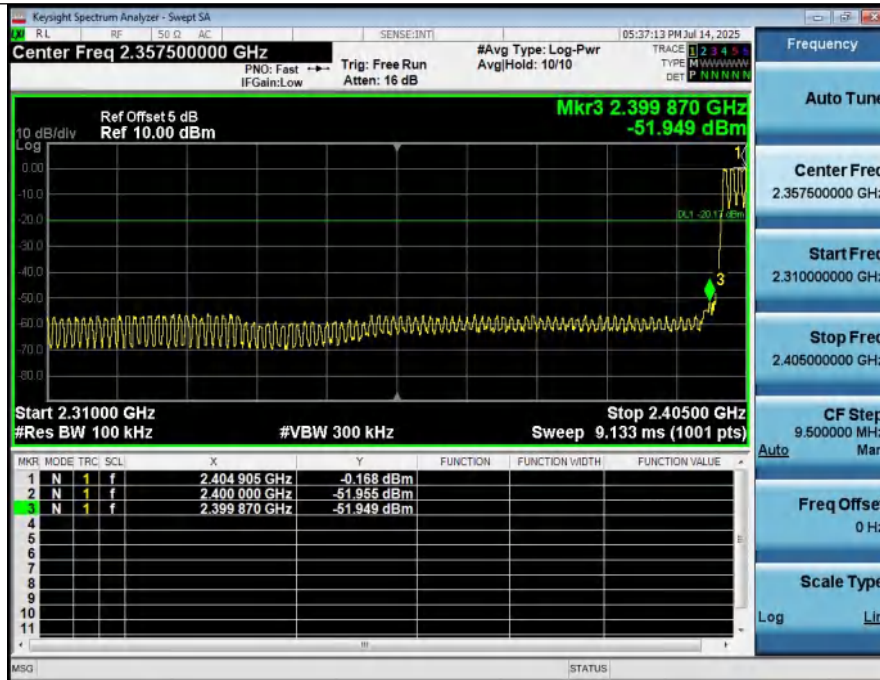




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



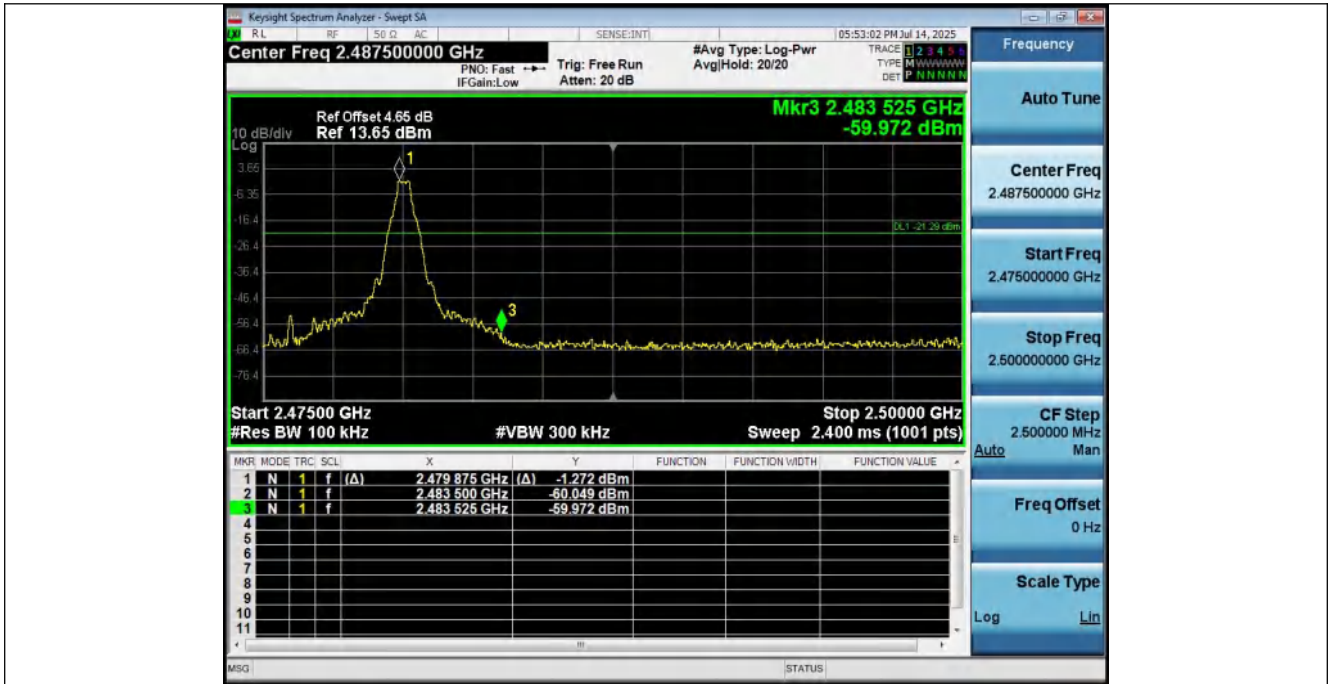
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



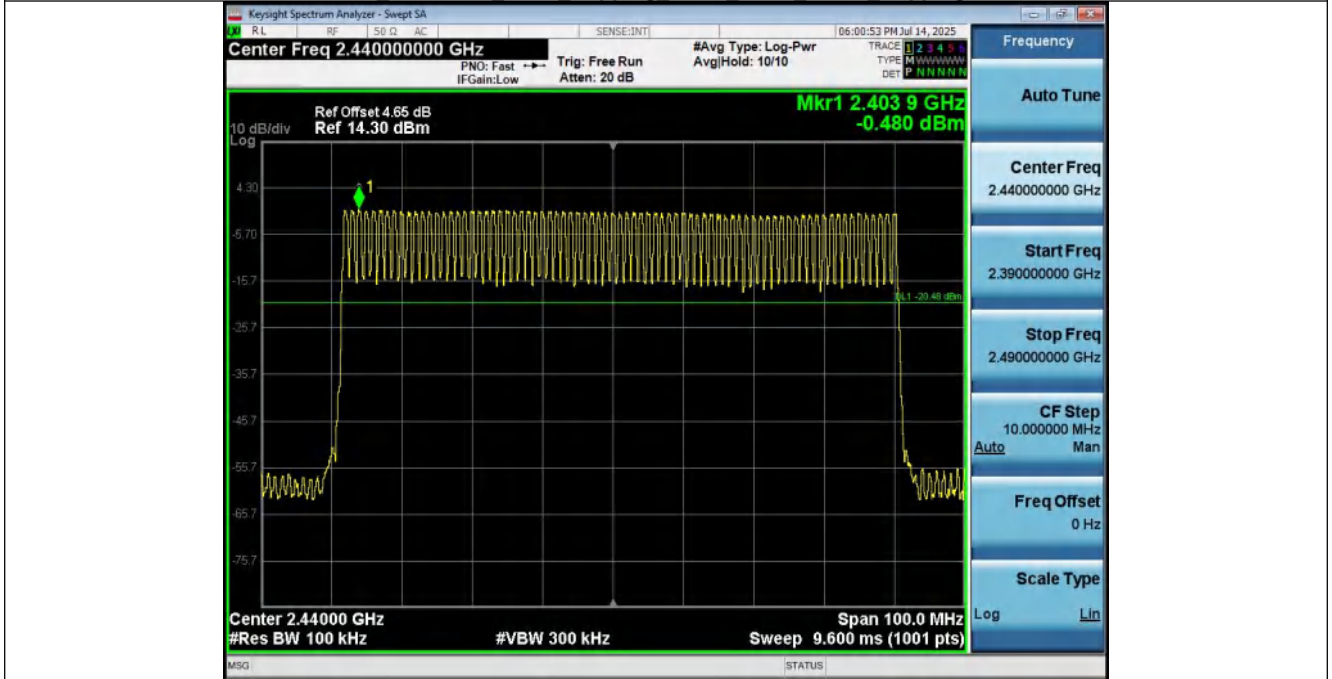
1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



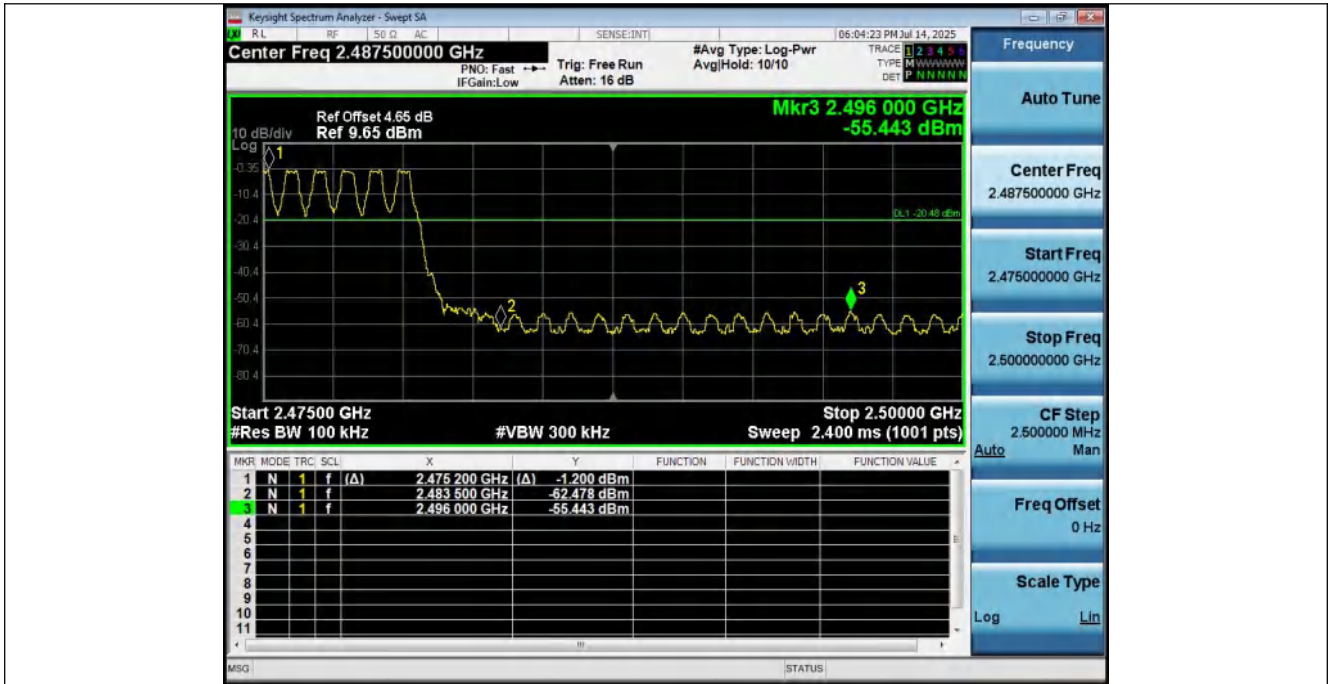
2 Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



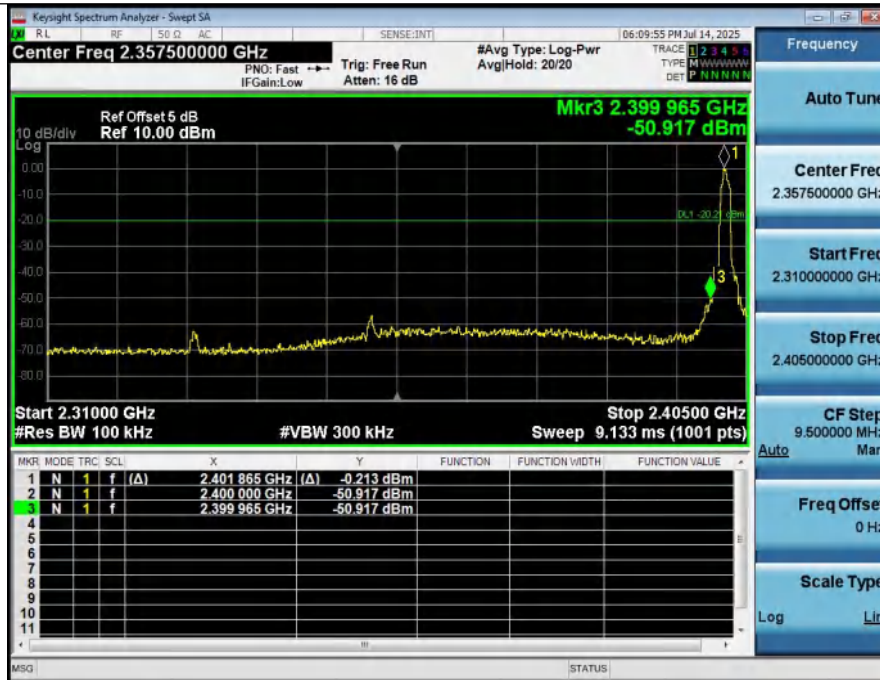
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



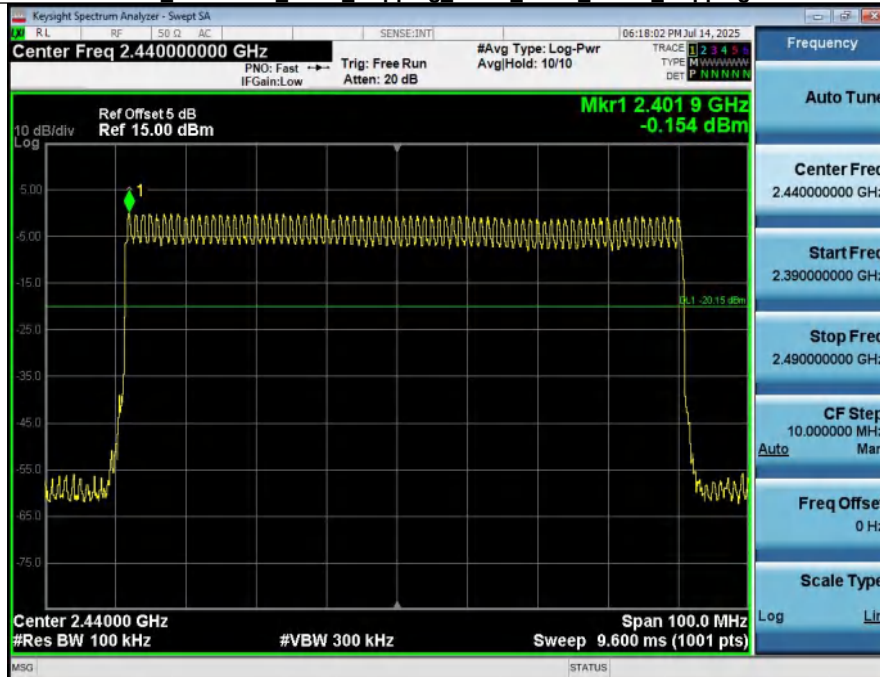
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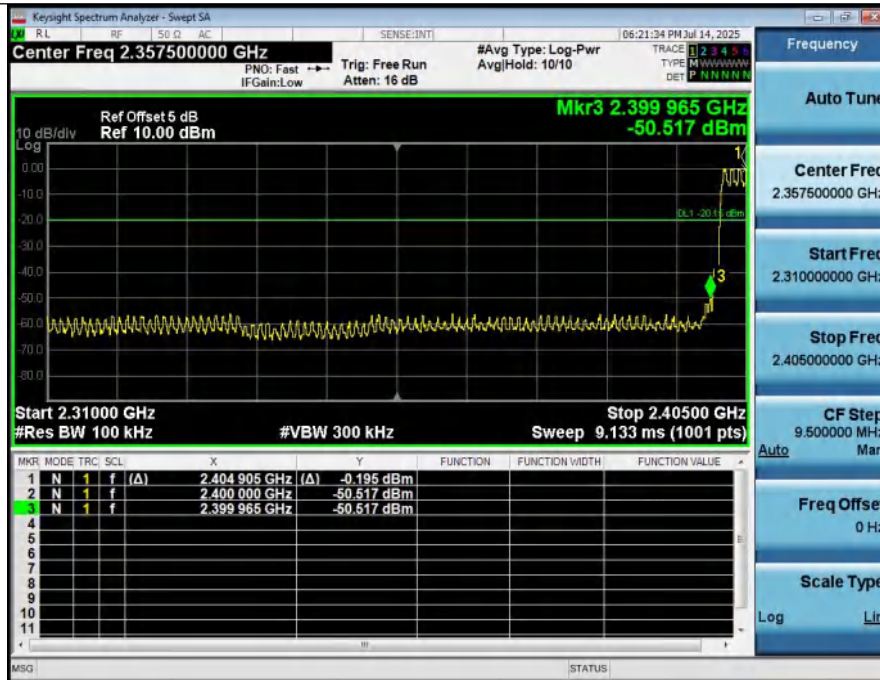
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



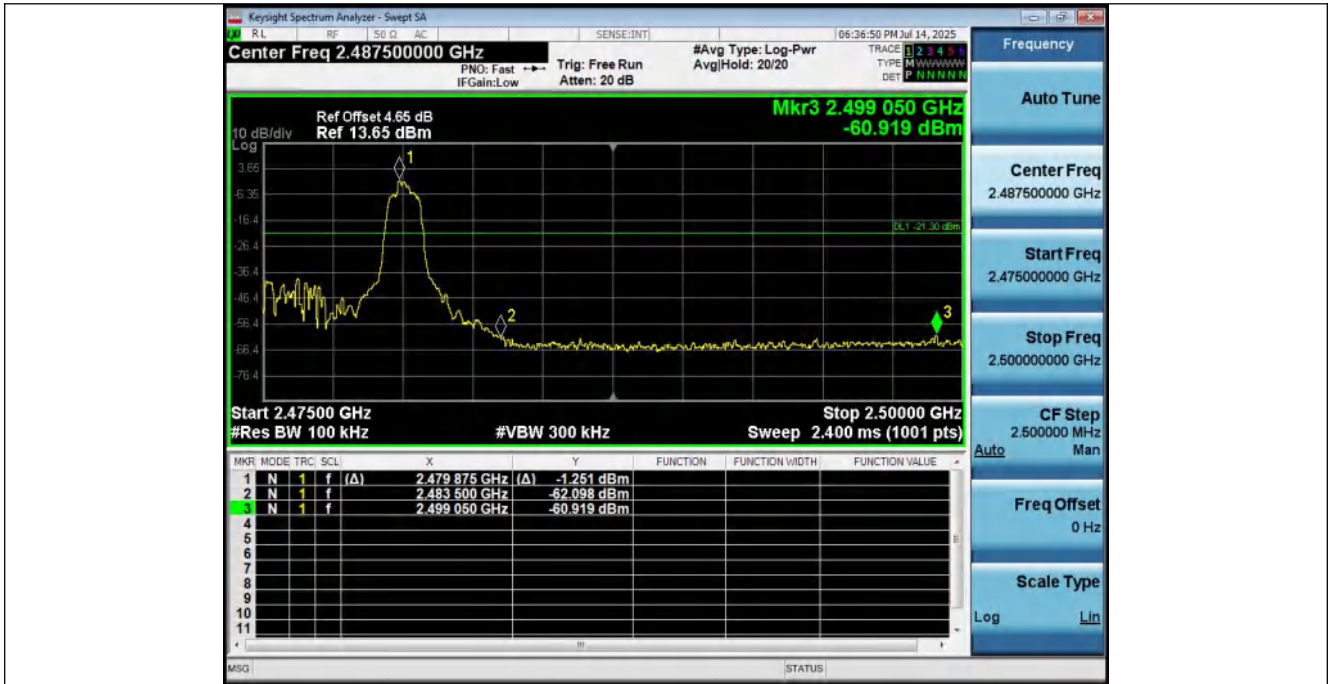
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



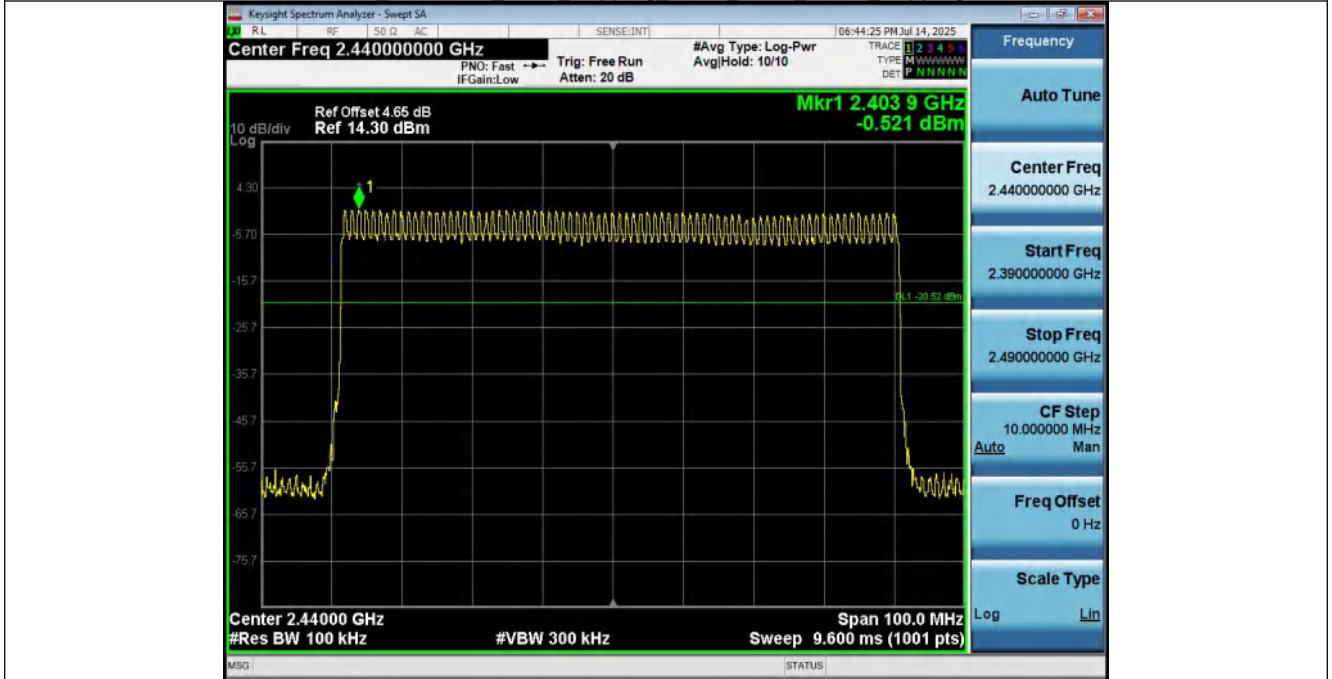
1 Reference Level NVNT ANT1 2-DH1 2480 00



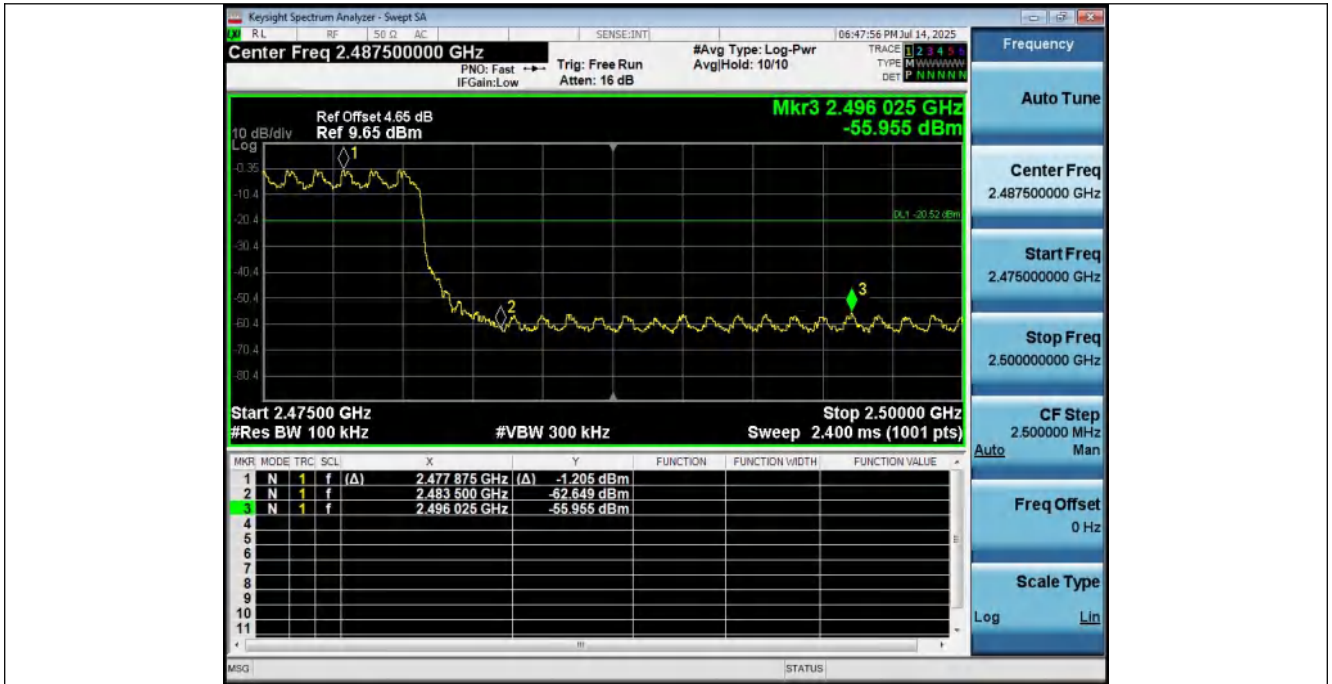
2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



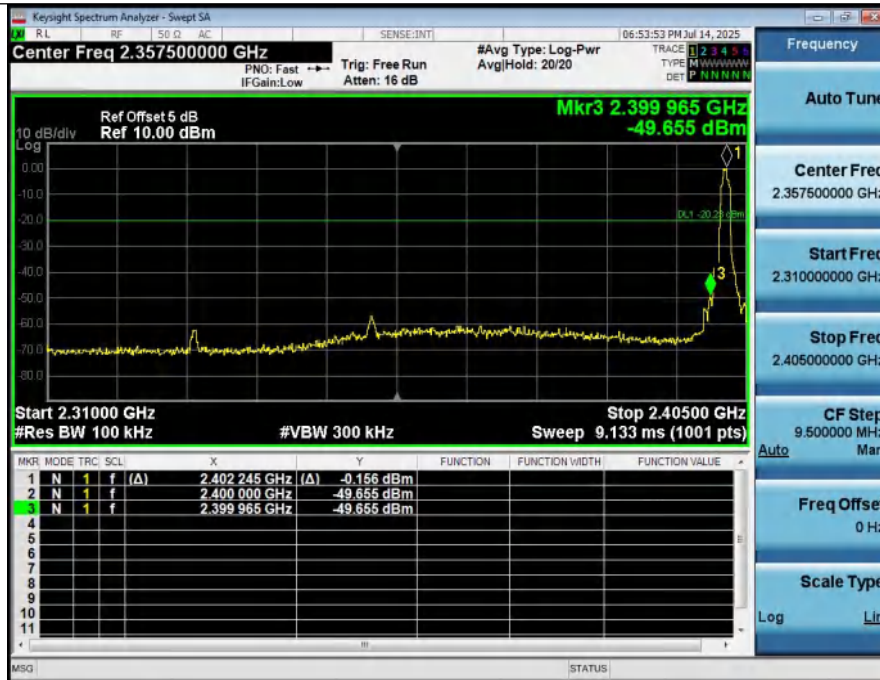
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



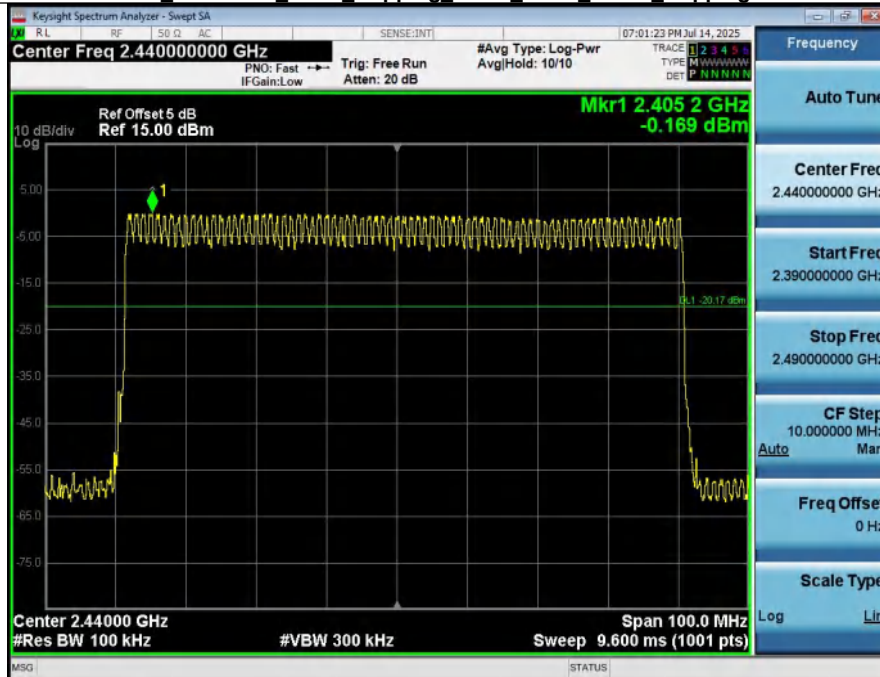
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



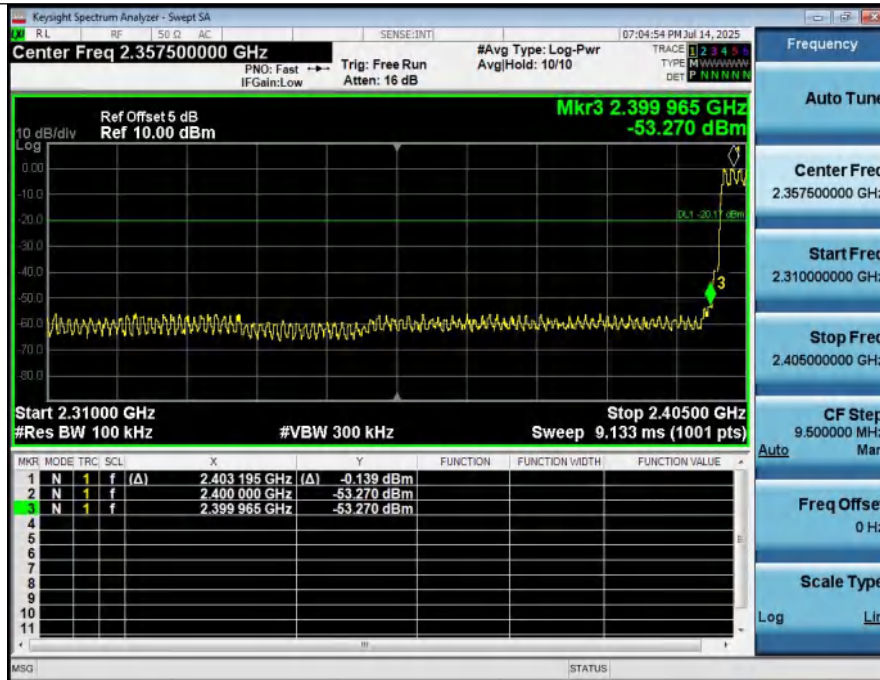
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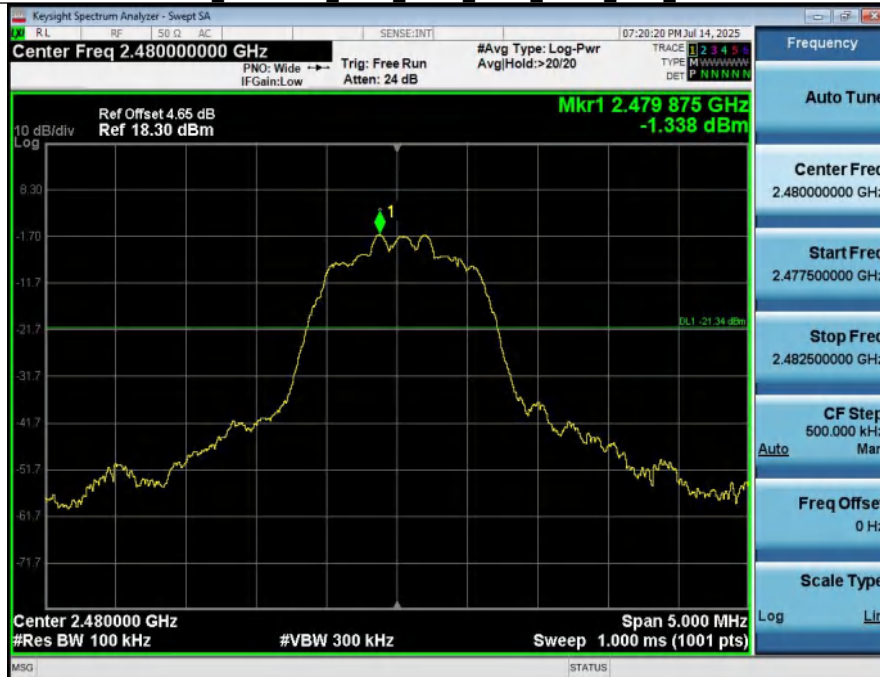
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



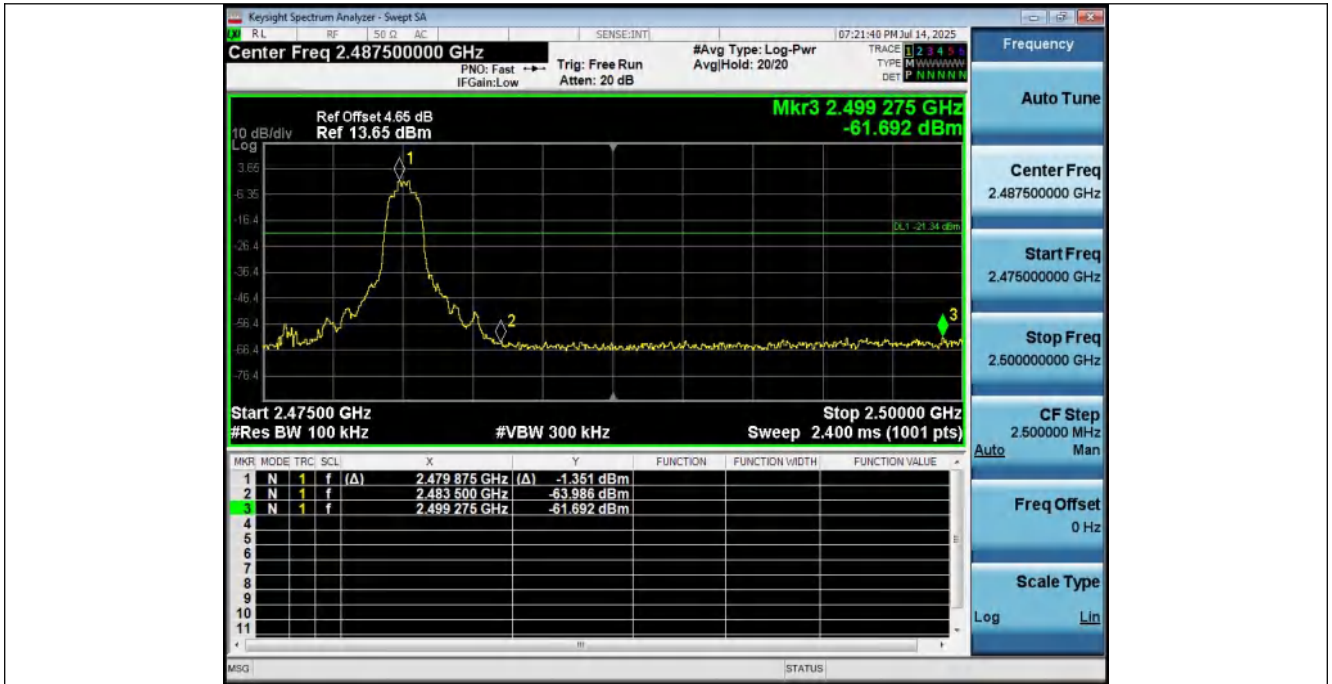
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



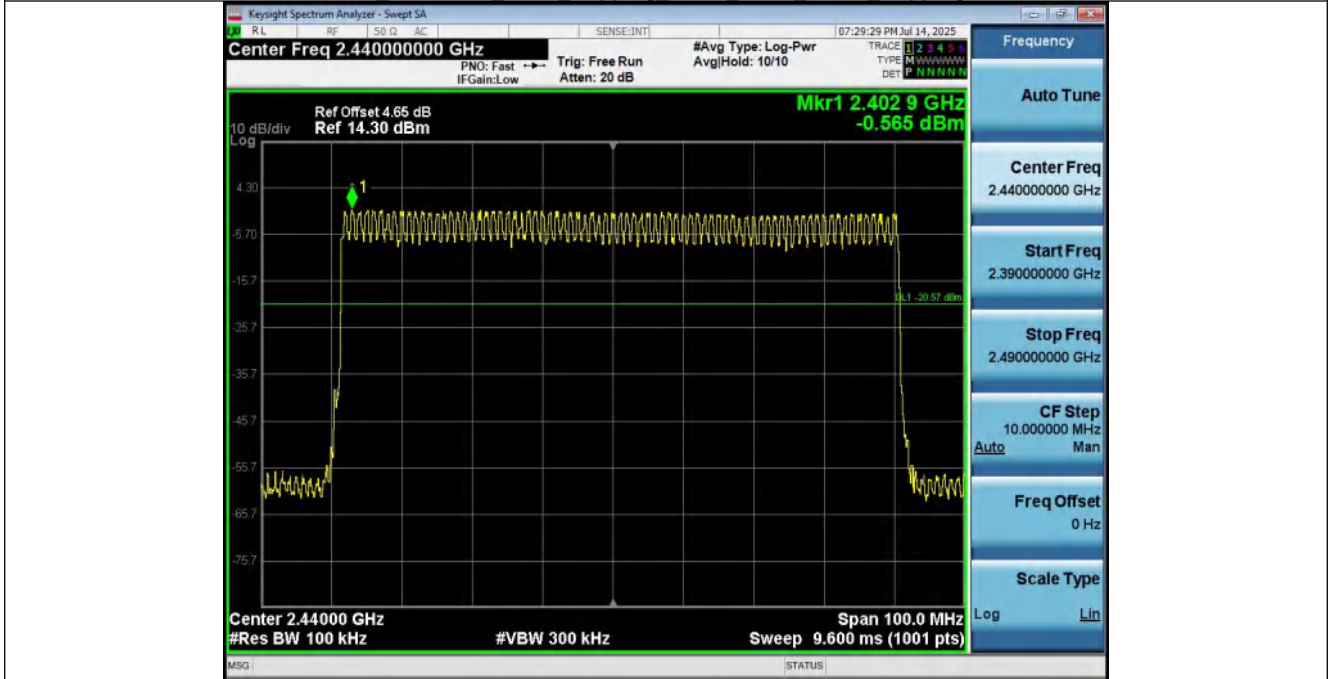
1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



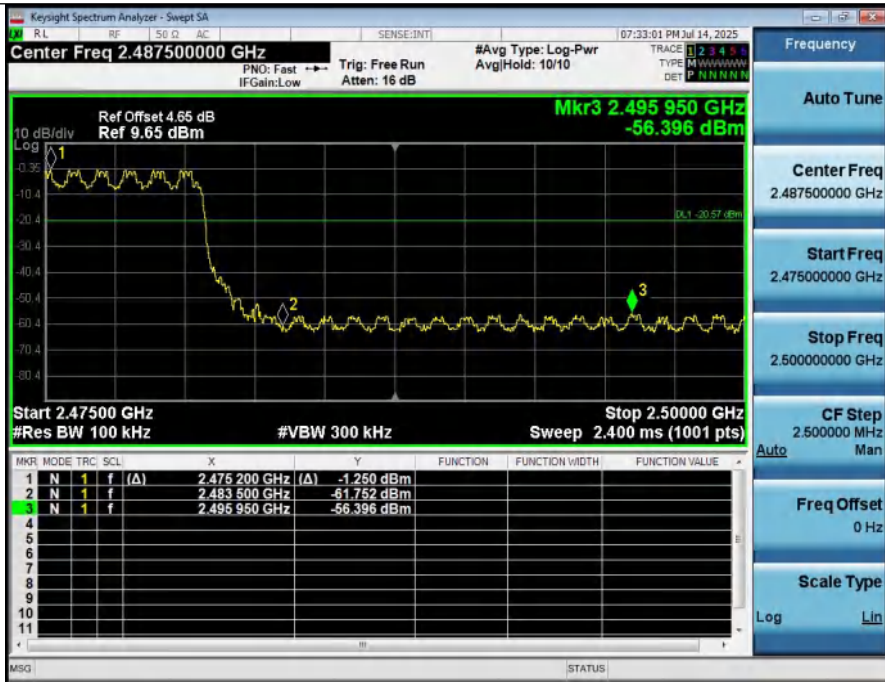
2 Bandedge_NVNT_ANT1_3-DH1_2480_00



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	2402.032	2403.046	1.01	0.879	Pass
NVNT	ANT1	1-DH1	2441.00	2440.876	2441.878	1.00	0.876	Pass
NVNT	ANT1	1-DH1	2480.00	2478.879	2479.875	1.00	0.921	Pass
NVNT	ANT1	2-DH1	2402.00	2401.864	2403.055	1.19	0.848	Pass
NVNT	ANT1	2-DH1	2441.00	2440.867	2441.875	1.01	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.876	2479.881	1.00	0.850	Pass
NVNT	ANT1	3-DH1	2402.00	2401.879	2403.187	1.31	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.879	2442.196	1.32	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.873	2479.881	1.01	0.833	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

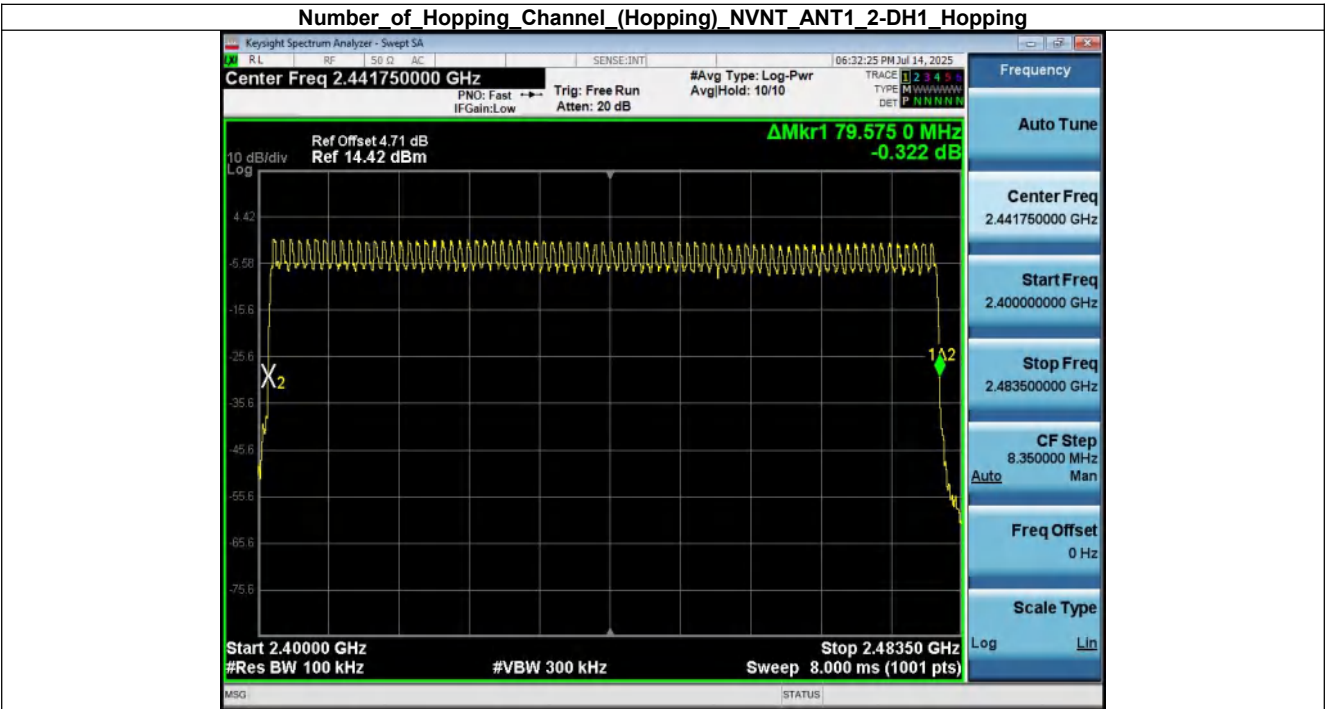
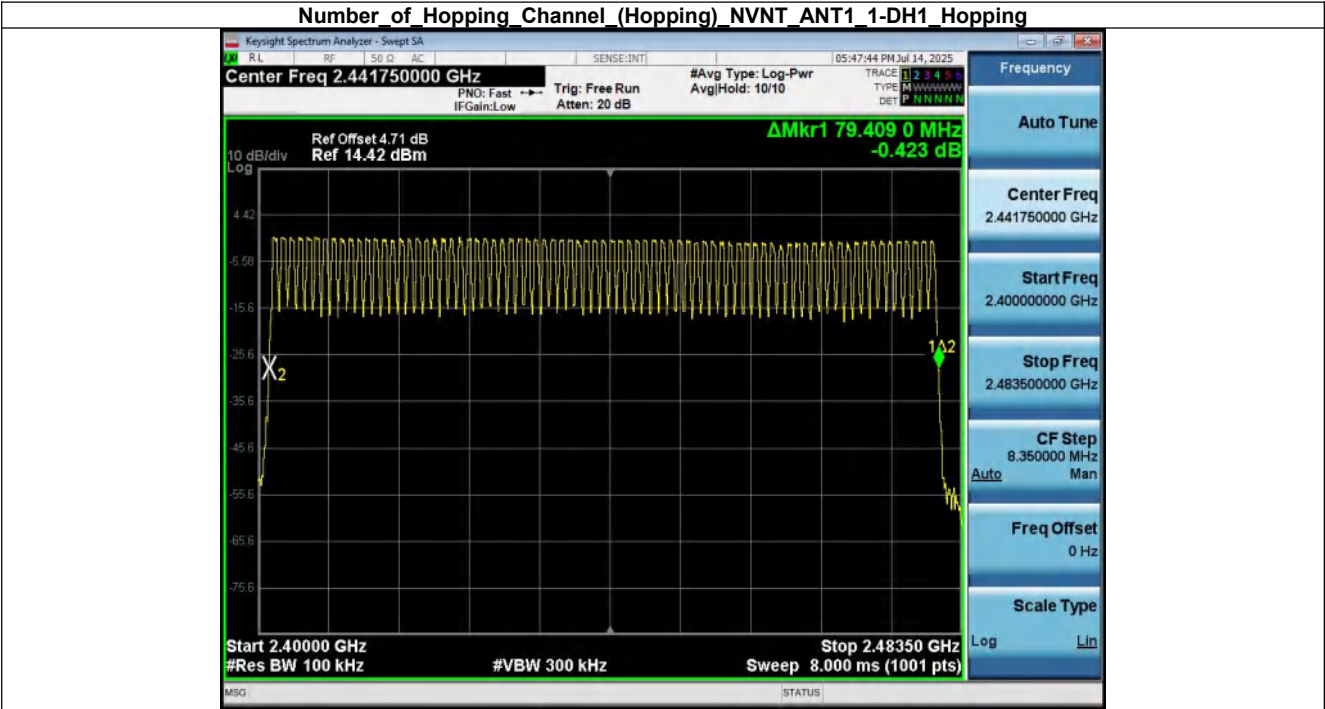


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

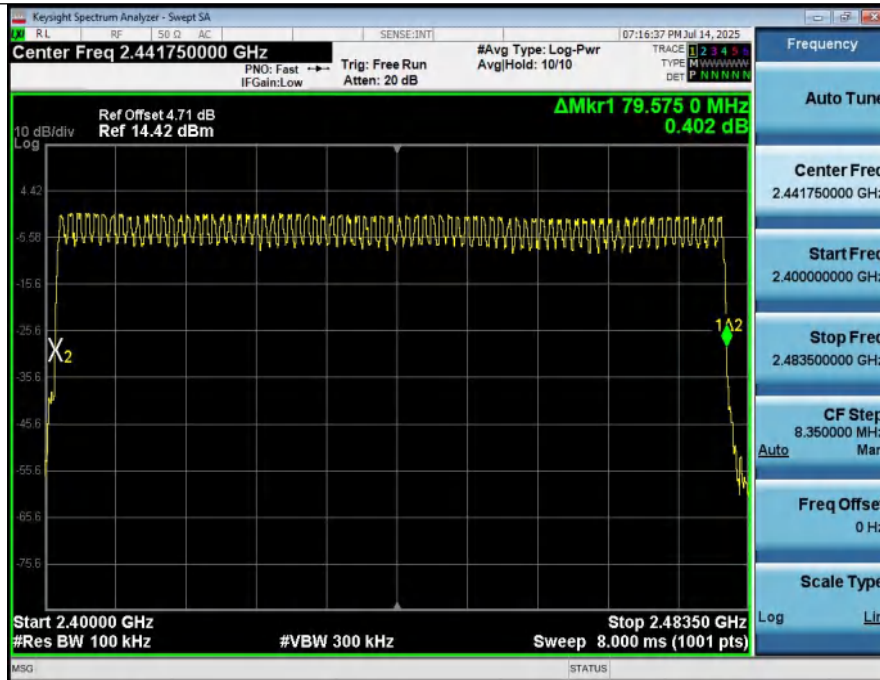


8. Number of Hopping Channel (Hopping)

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

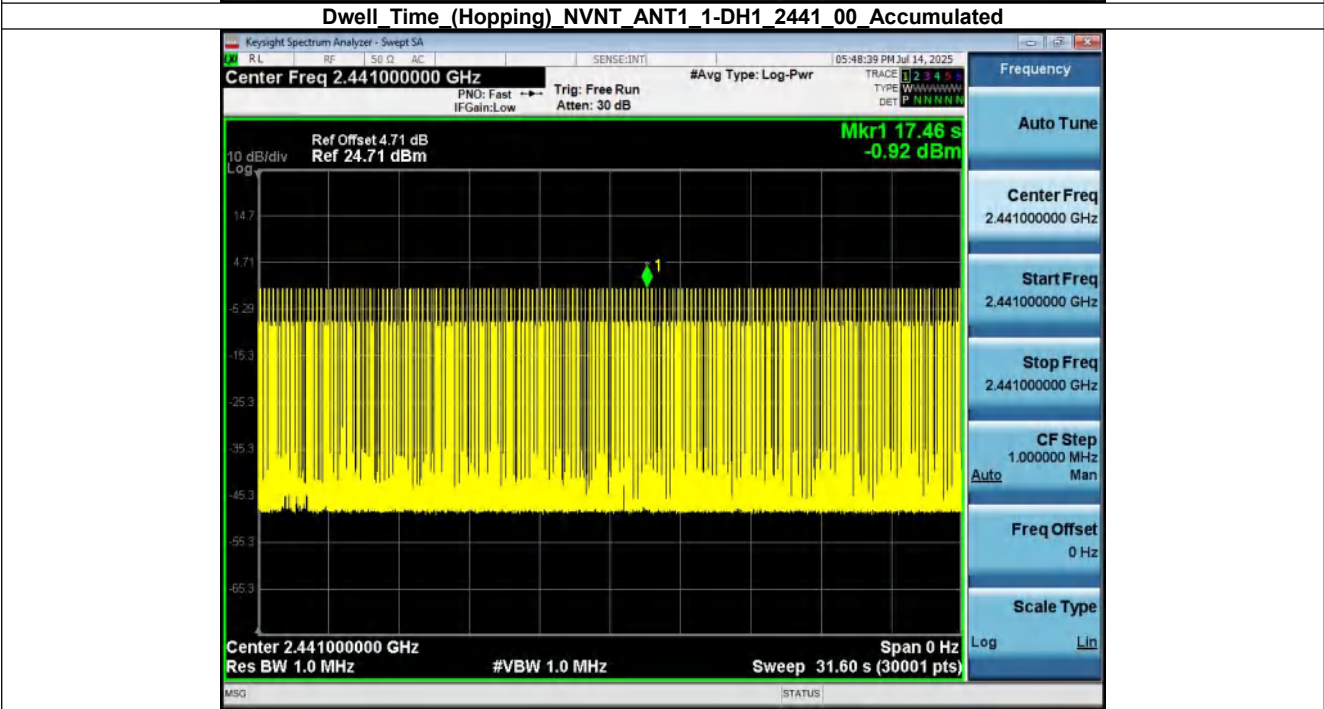
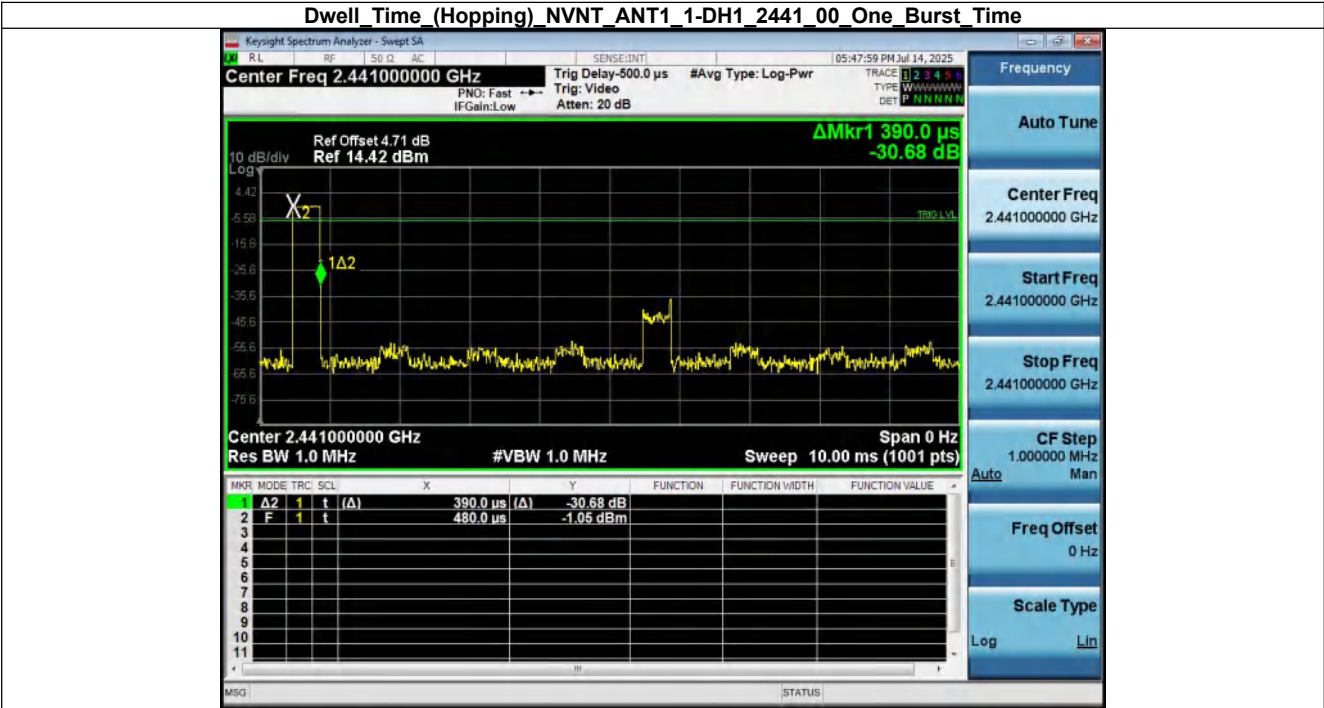


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

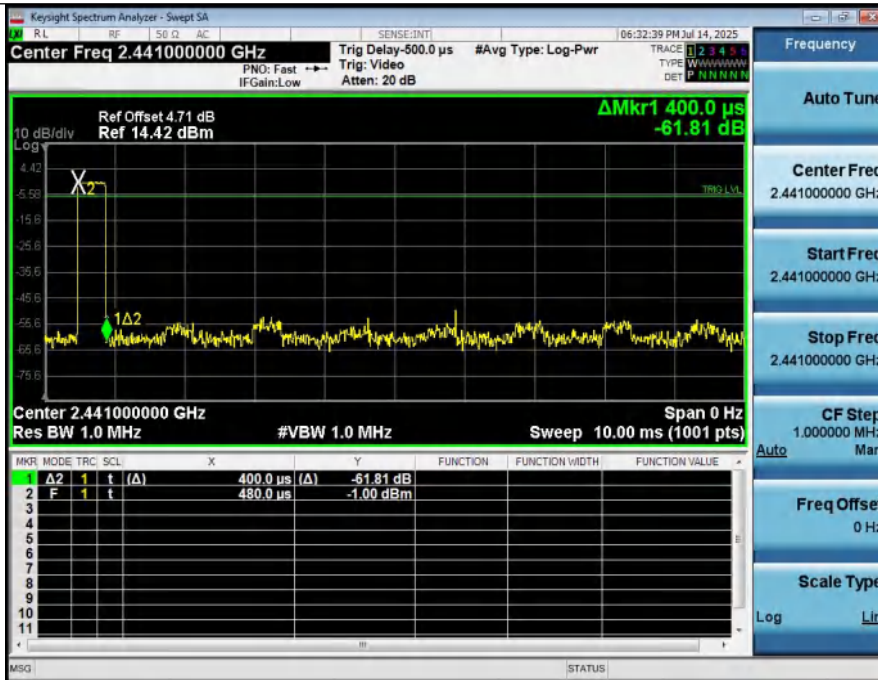


9. Dwell Time (Hopping)

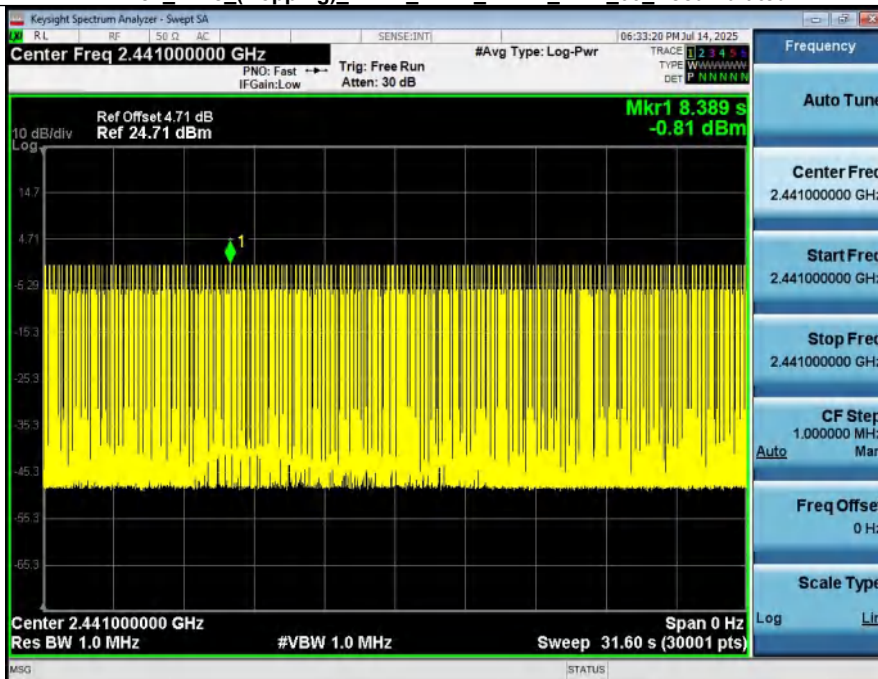
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	318.00	124.020	0.40	Pass
NVNT	ANT1	2-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH5	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	2-DH3	1.650	166.00	273.900	0.40	Pass
NVNT	ANT1	2-DH5	2.900	99.00	287.100	0.40	Pass
NVNT	ANT1	3-DH3	1.650	161.00	265.650	0.40	Pass
NVNT	ANT1	3-DH5	2.900	108.00	313.200	0.40	Pass



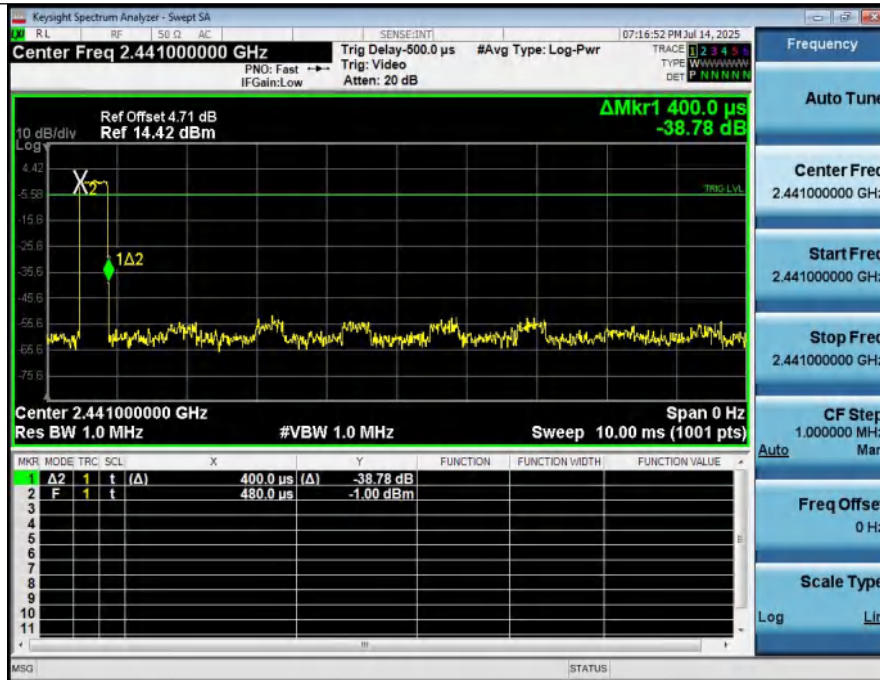
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One Burst Time



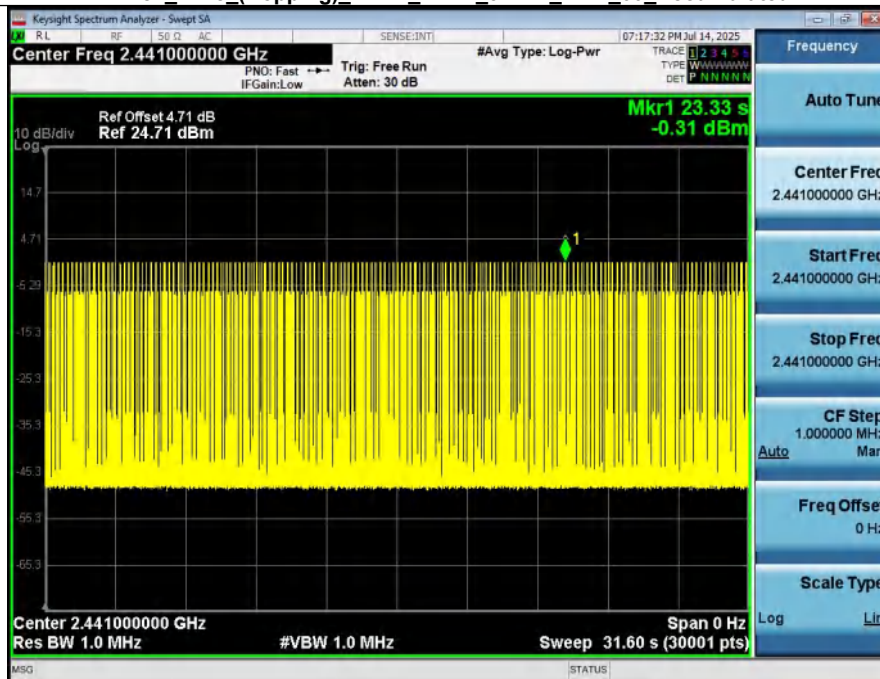
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



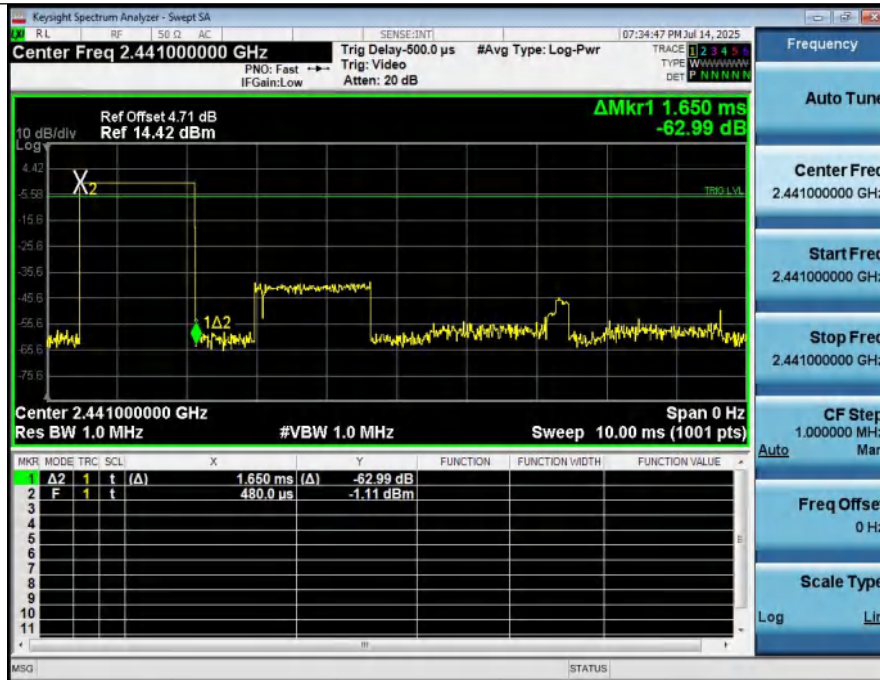
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



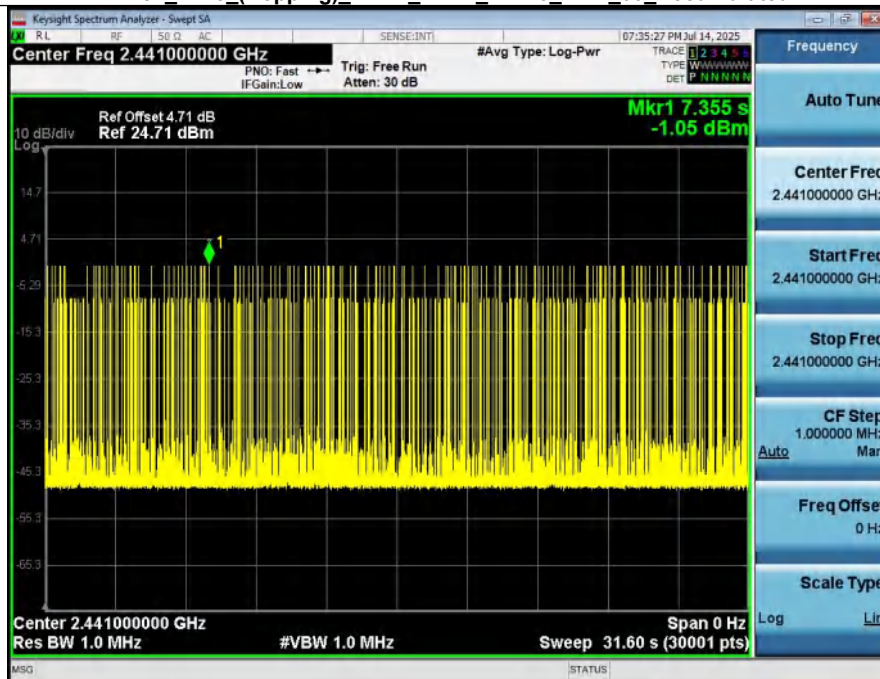
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



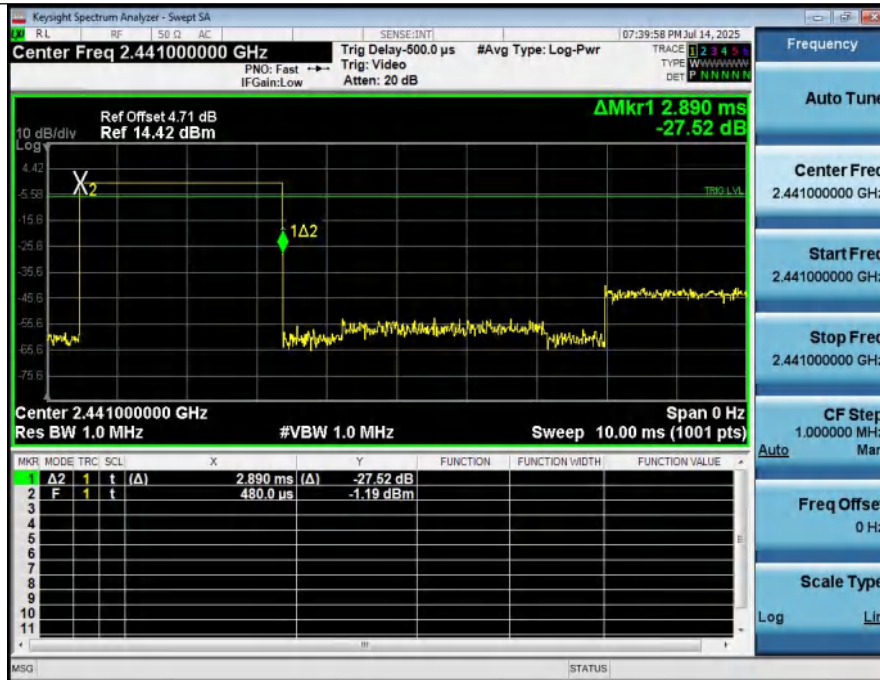
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



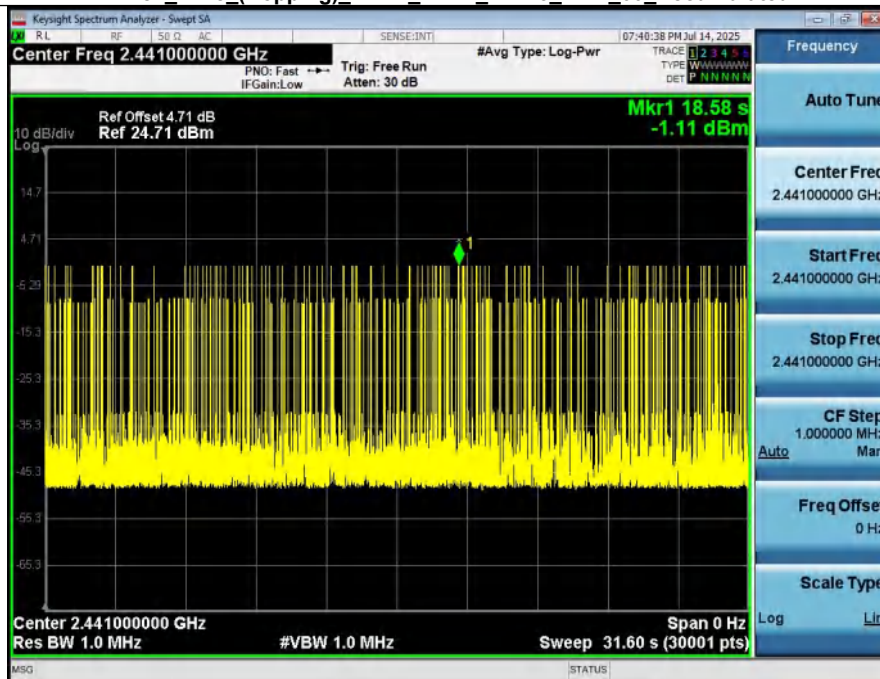
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



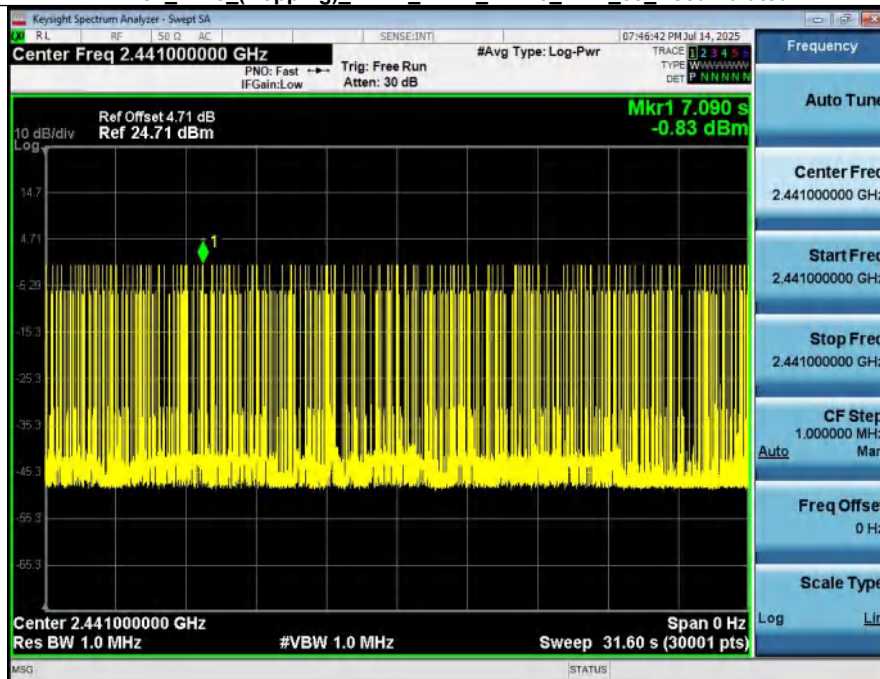
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



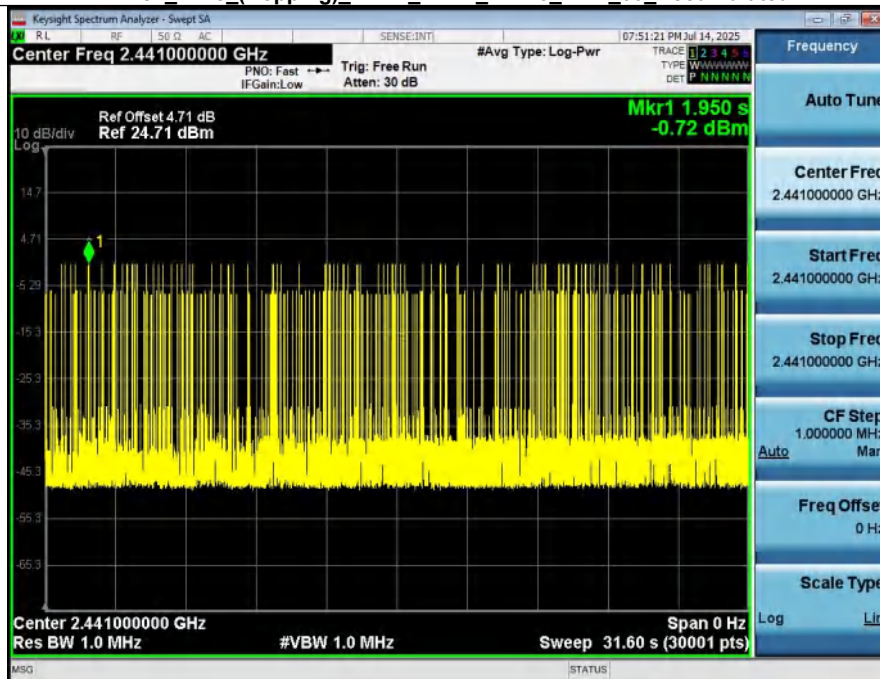
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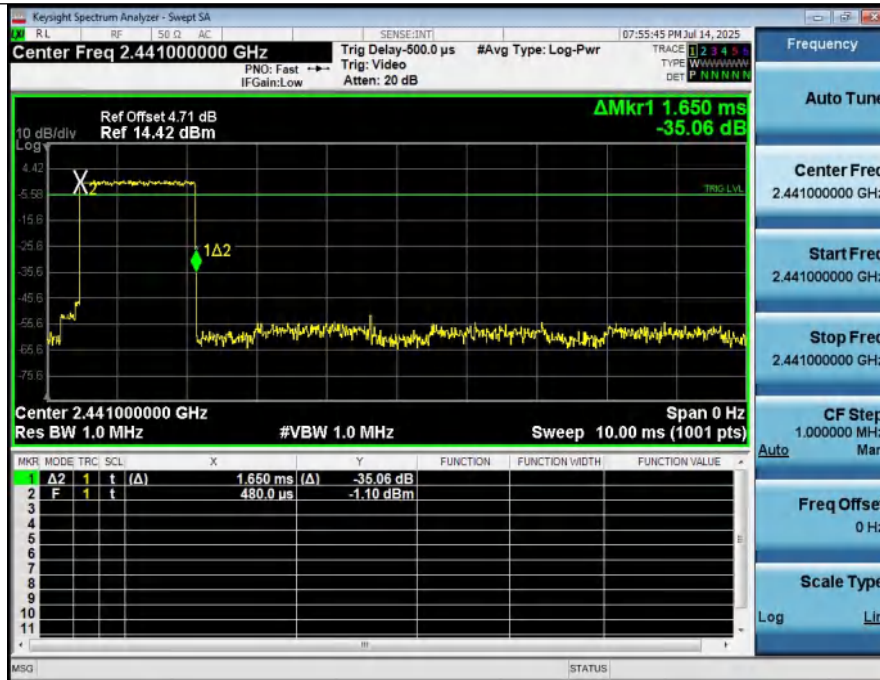
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



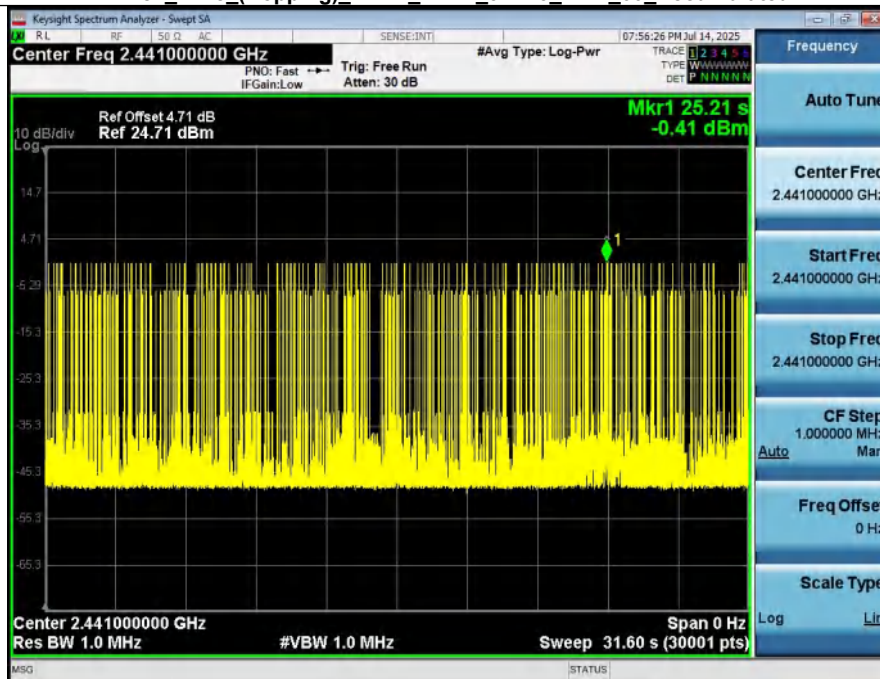
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



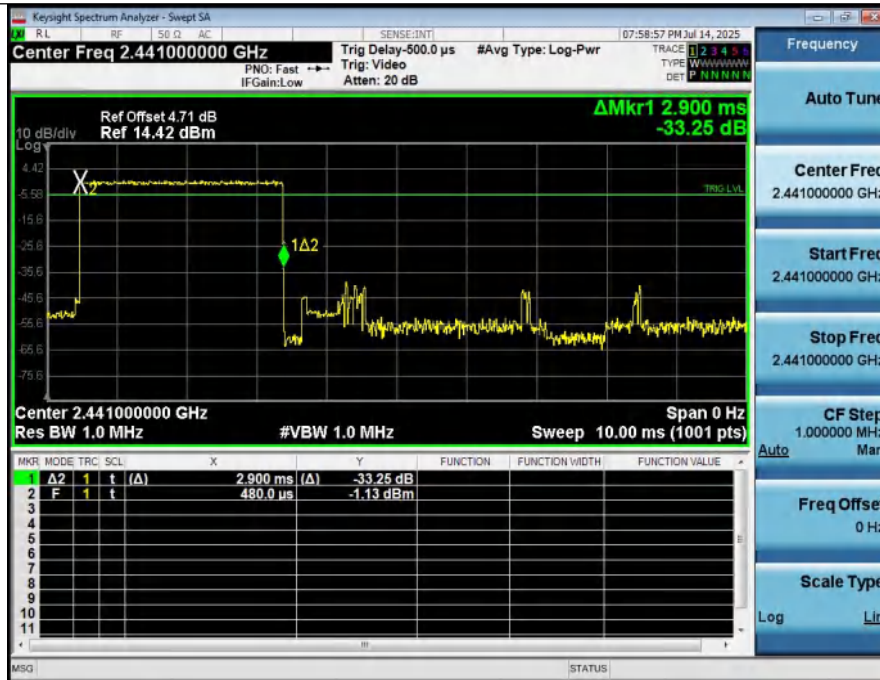
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

