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FCC ID:2BQBQ5104-RGB-KIT

FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.912	No
NVNT	ANT1	1-DH1	2480.00	0.925	No
NVNT	ANT1	2-DH1	2402.00	1.271	Yes
NVNT	ANT1	2-DH1	2441.00	1.277	Yes
NVNT	ANT1	2-DH1	2480.00	1.272	Yes
NVNT	ANT1	3-DH1	2402.00	1.226	Yes
NVNT	ANT1	3-DH1	2441.00	1.226	Yes
NVNT	ANT1	3-DH1	2480.00	1.253	Yes



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00



-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

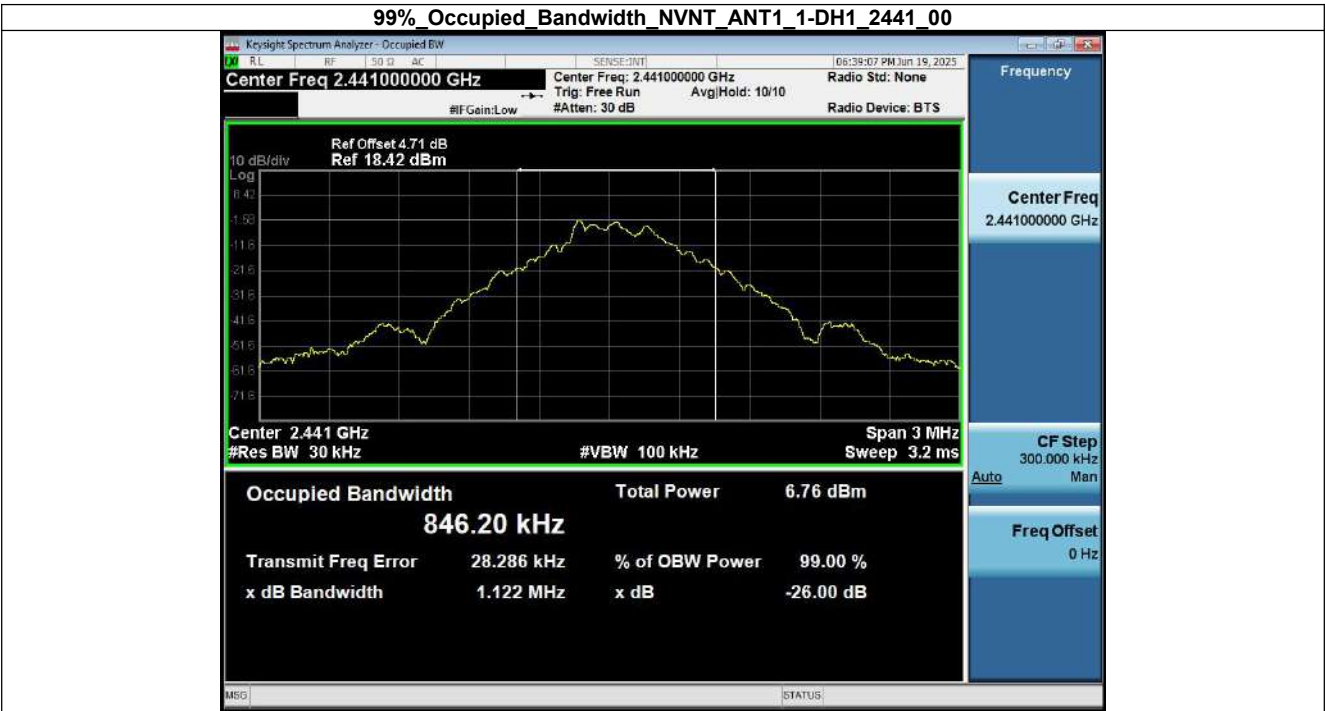


-20dB Bandwidth NVNT_ANT1 3-DH1 2480_00



2. 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	1.174
NVNT	ANT1	2-DH1	2480.00	1.173
NVNT	ANT1	3-DH1	2402.00	1.149
NVNT	ANT1	3-DH1	2441.00	1.153
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



3. 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	0.68	1.17	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.13	0.97	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.68	0.86	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.50	1.41	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.67	1.17	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.09	1.02	125	Pass
NVNT	ANT1	3-DH1	2402.00	2.08	1.62	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.27	1.34	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.74	1.19	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

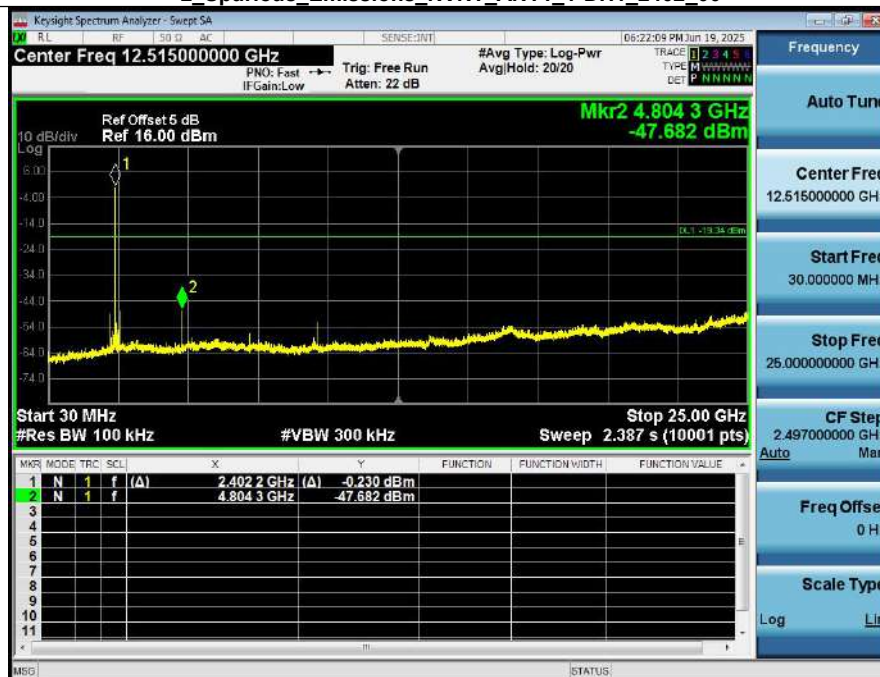
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.660	-47.682	-19.340	Pass
NVNT	ANT1	1-DH1	2441.00	-0.252	-47.275	-20.252	Pass
NVNT	ANT1	1-DH1	2480.00	-0.838	-45.412	-20.838	Pass
NVNT	ANT1	2-DH1	2402.00	0.634	-46.709	-19.366	Pass
NVNT	ANT1	2-DH1	2441.00	-0.222	-47.873	-20.222	Pass
NVNT	ANT1	2-DH1	2480.00	-0.807	-48.198	-20.807	Pass
NVNT	ANT1	3-DH1	2402.00	0.655	-47.222	-19.345	Pass
NVNT	ANT1	3-DH1	2441.00	-0.209	-47.180	-20.209	Pass
NVNT	ANT1	3-DH1	2480.00	-0.823	-34.949	-20.823	Pass

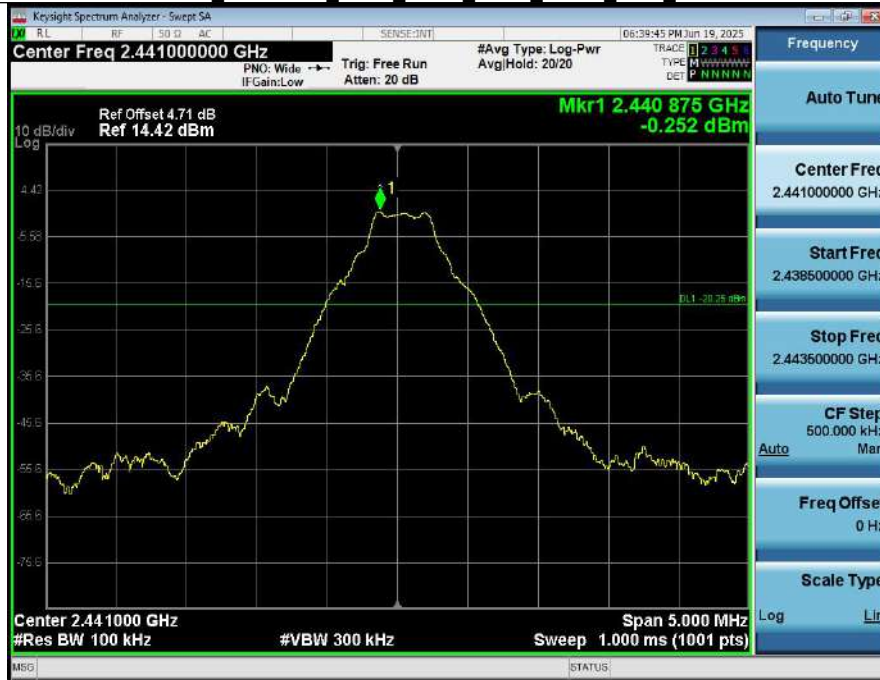
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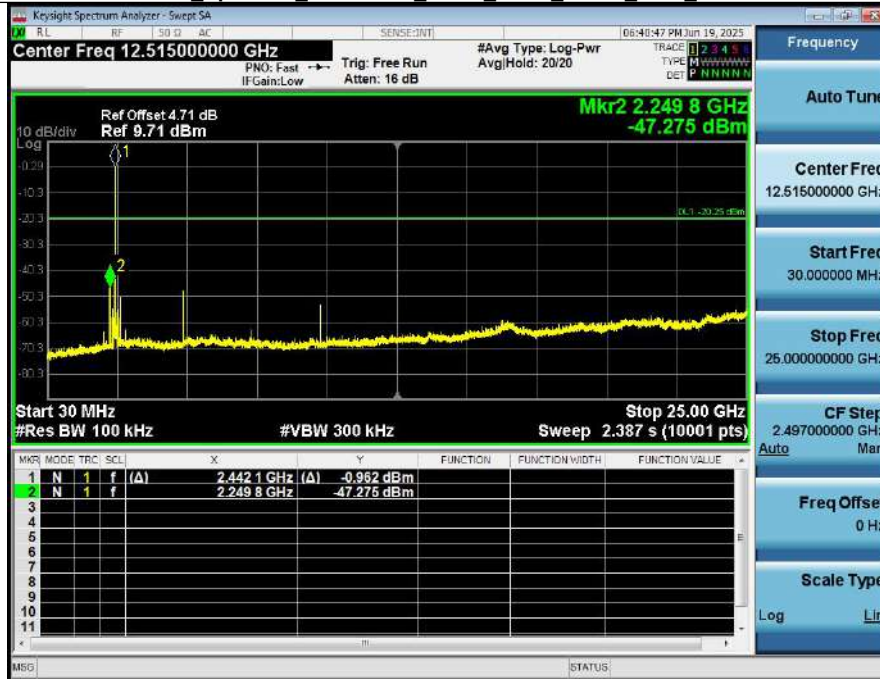
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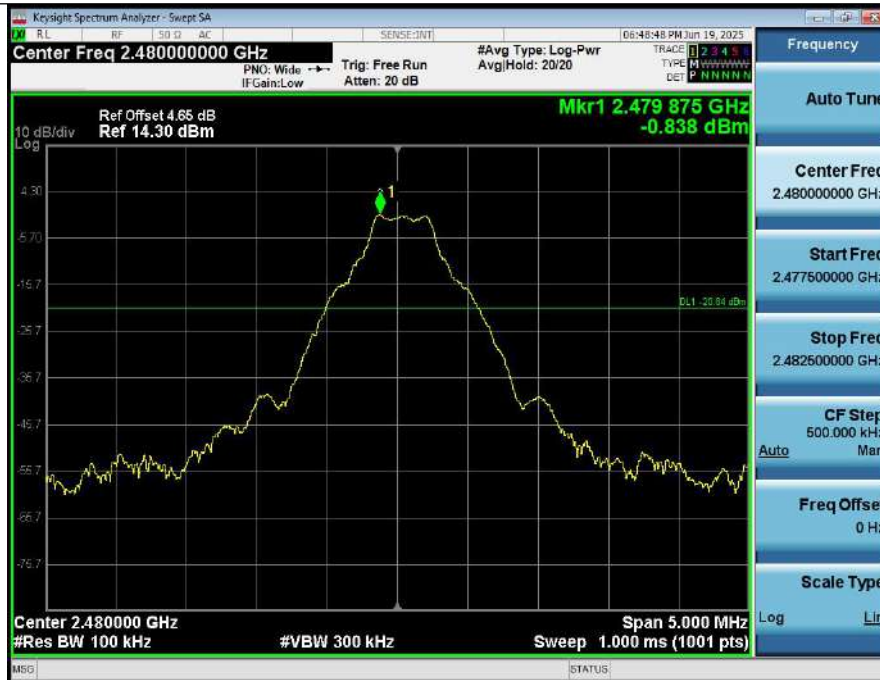
1 Reference Level NVNT ANT1 1-DH1 2441_00



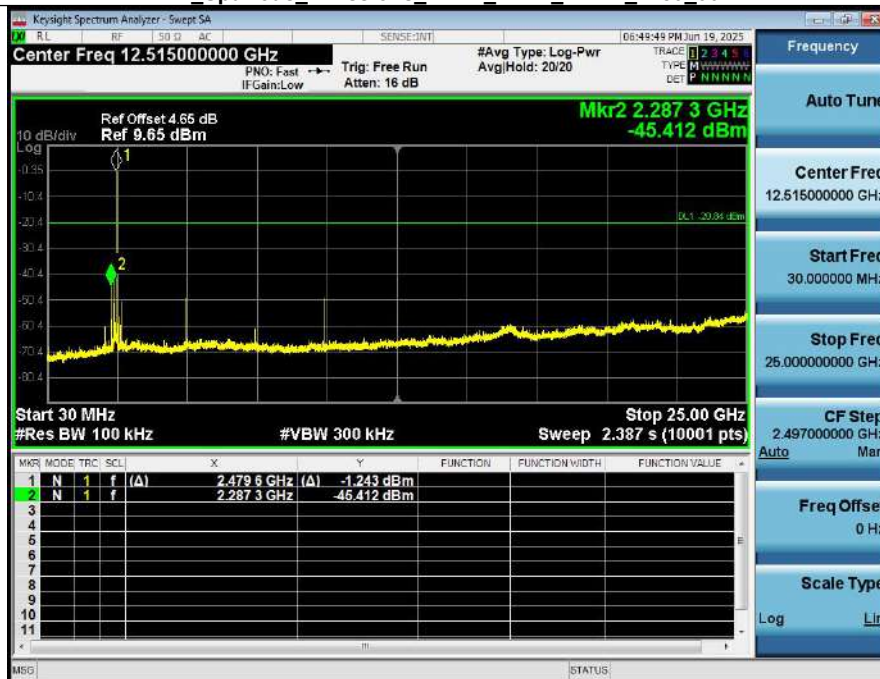
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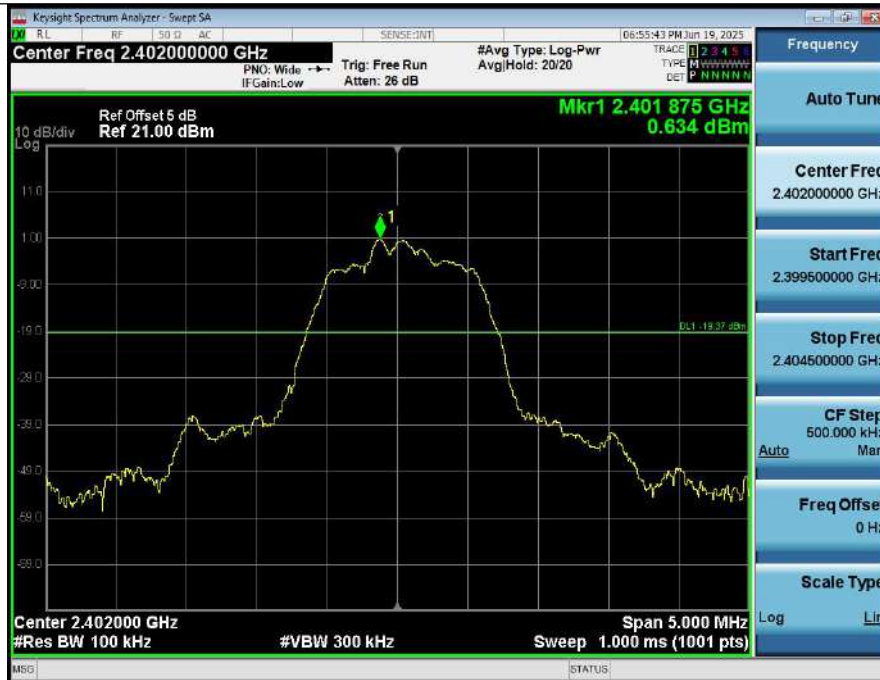
1 Reference Level NVNT ANT1 1-DH1 2480_00



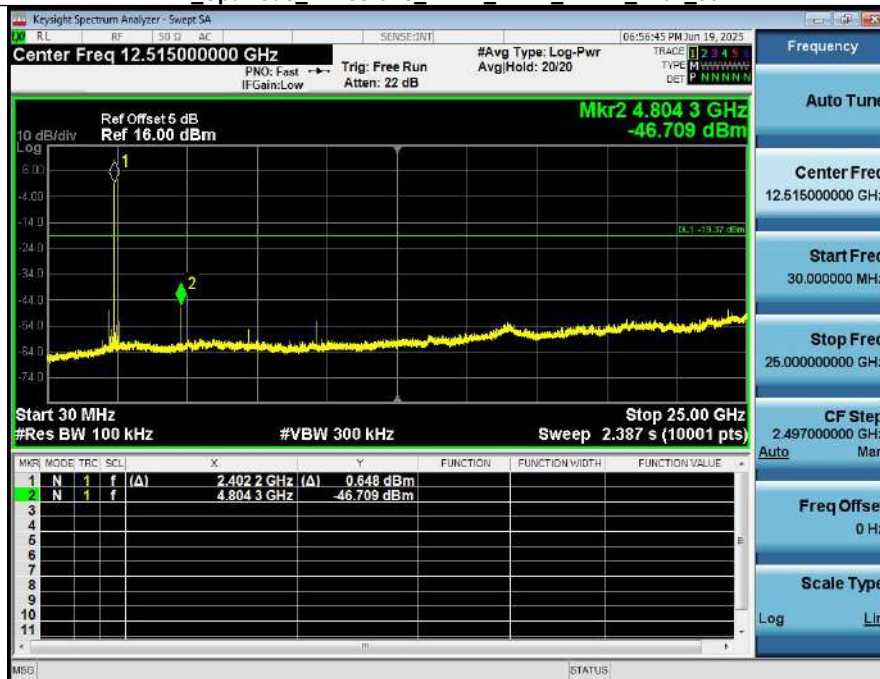
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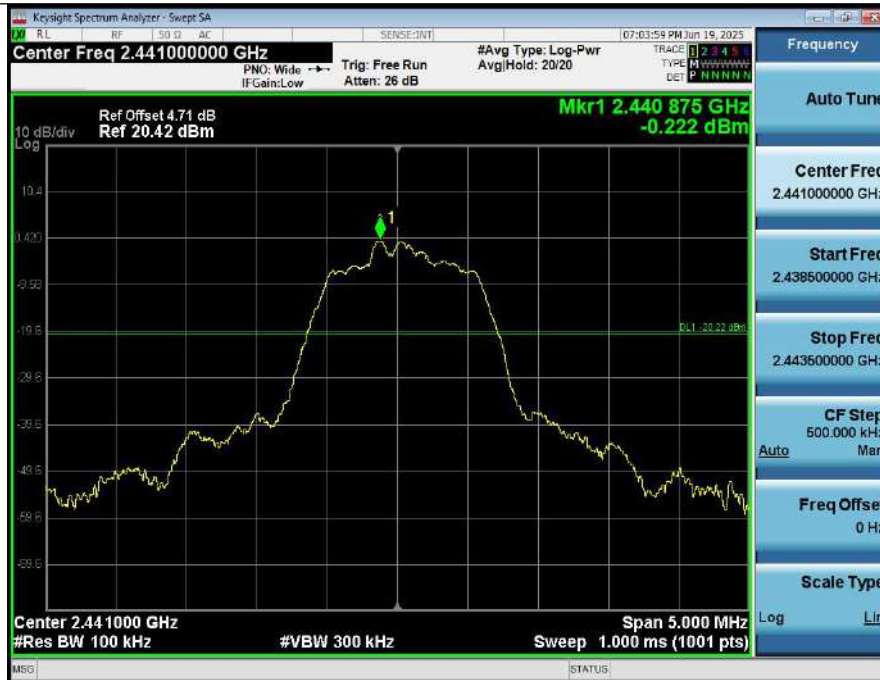
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2 Spurious Emissions_NVNT_ANT1_2-DH1_2402_00



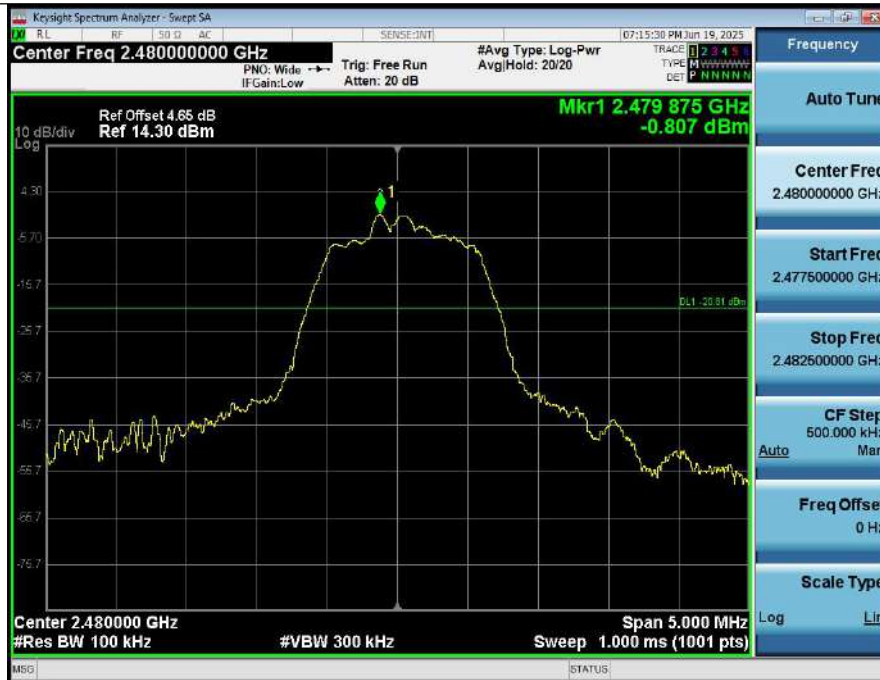
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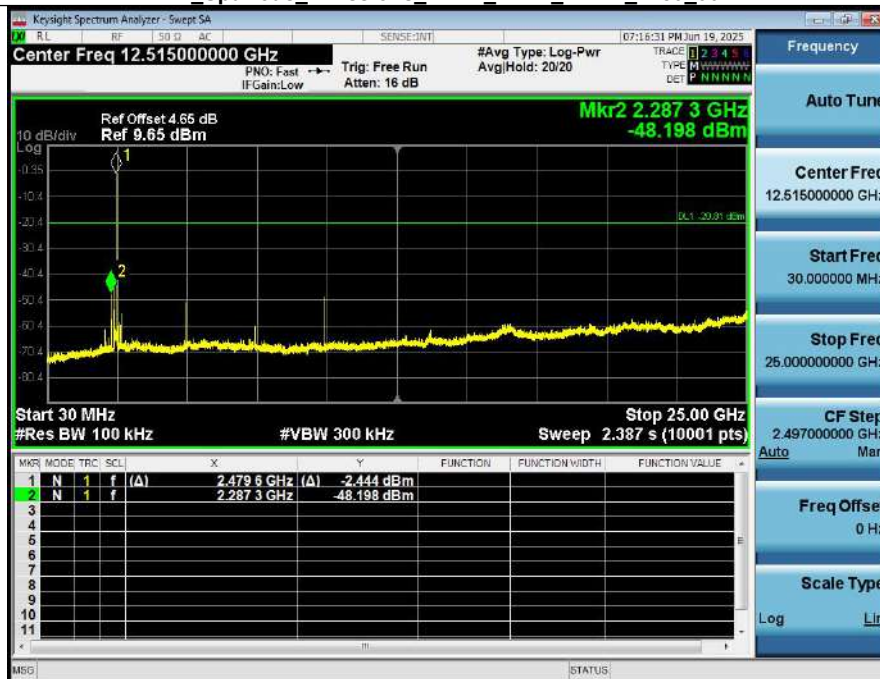
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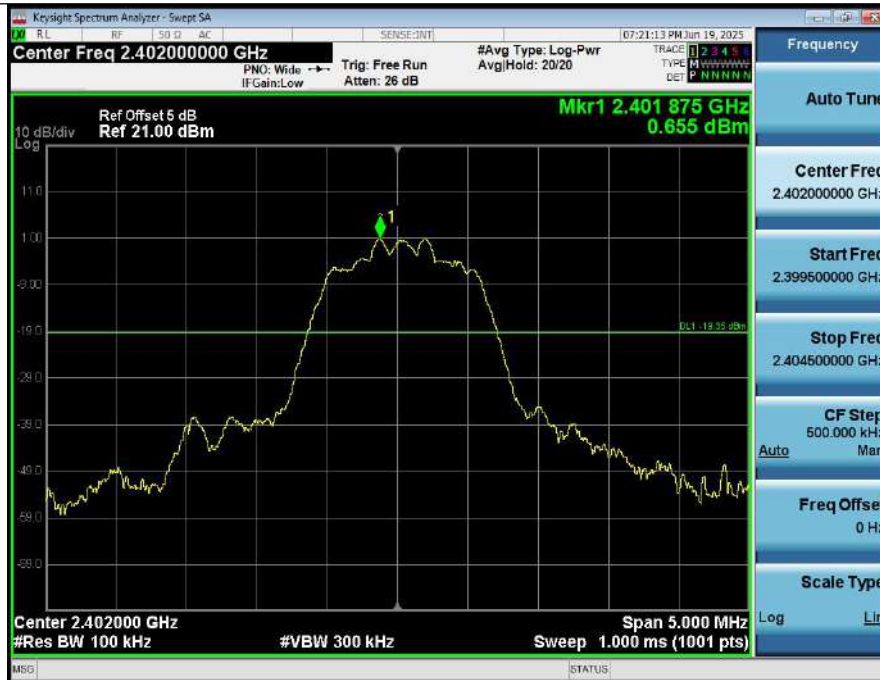
1 Reference Level_NVNT_ANT1_2-DH1_2480_00



2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



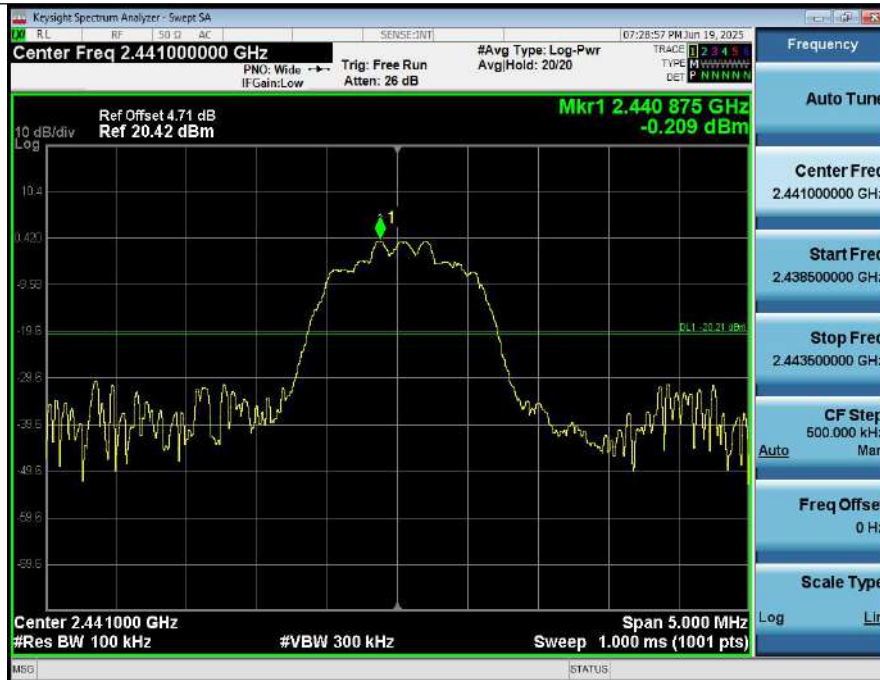
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



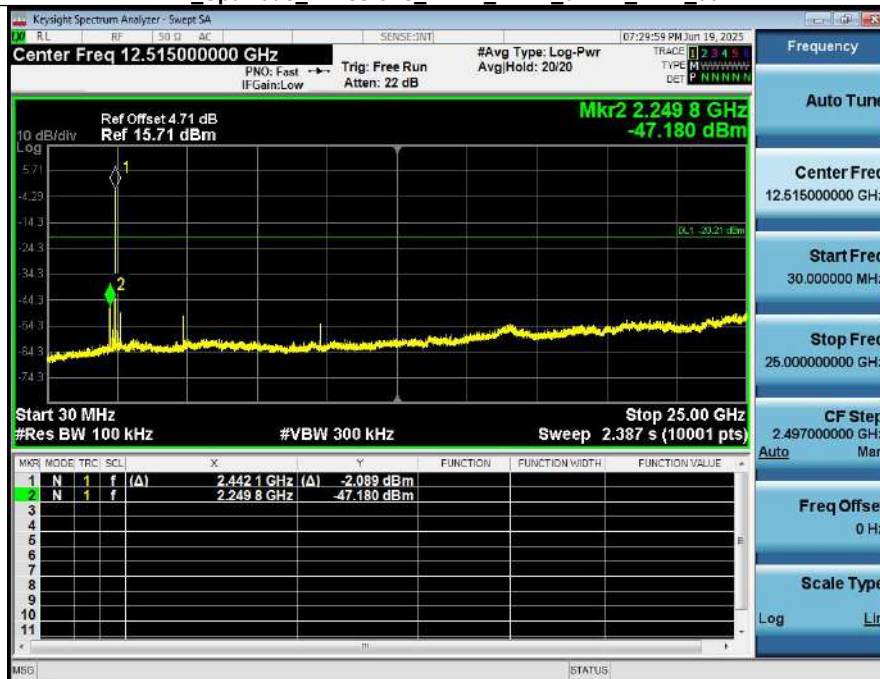
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



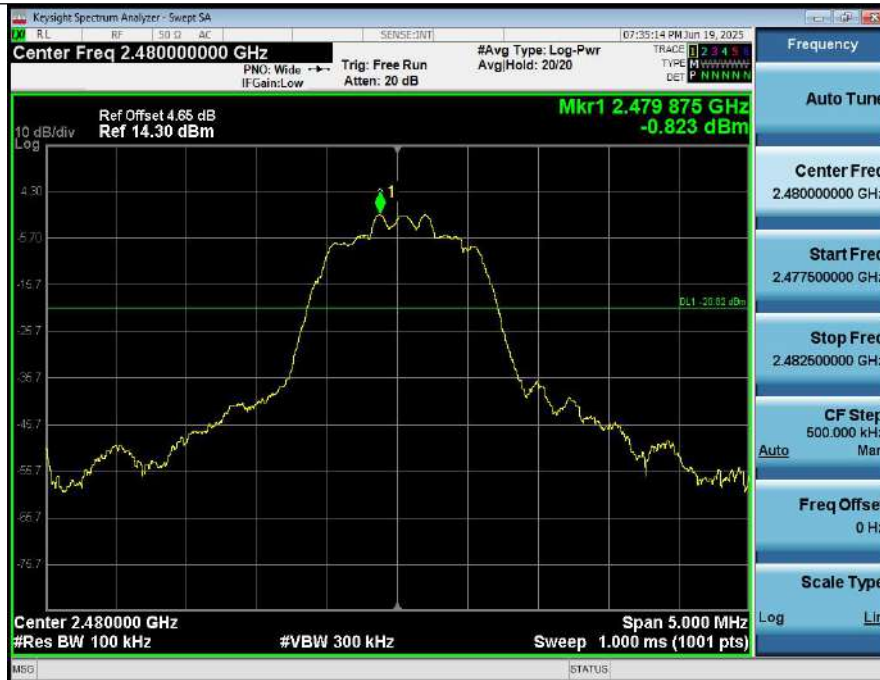
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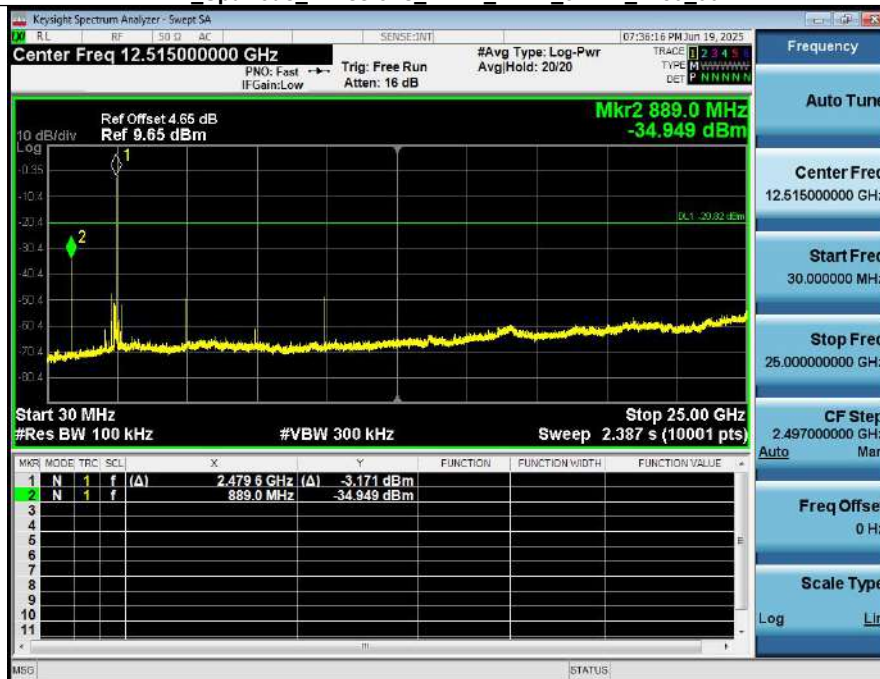
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00

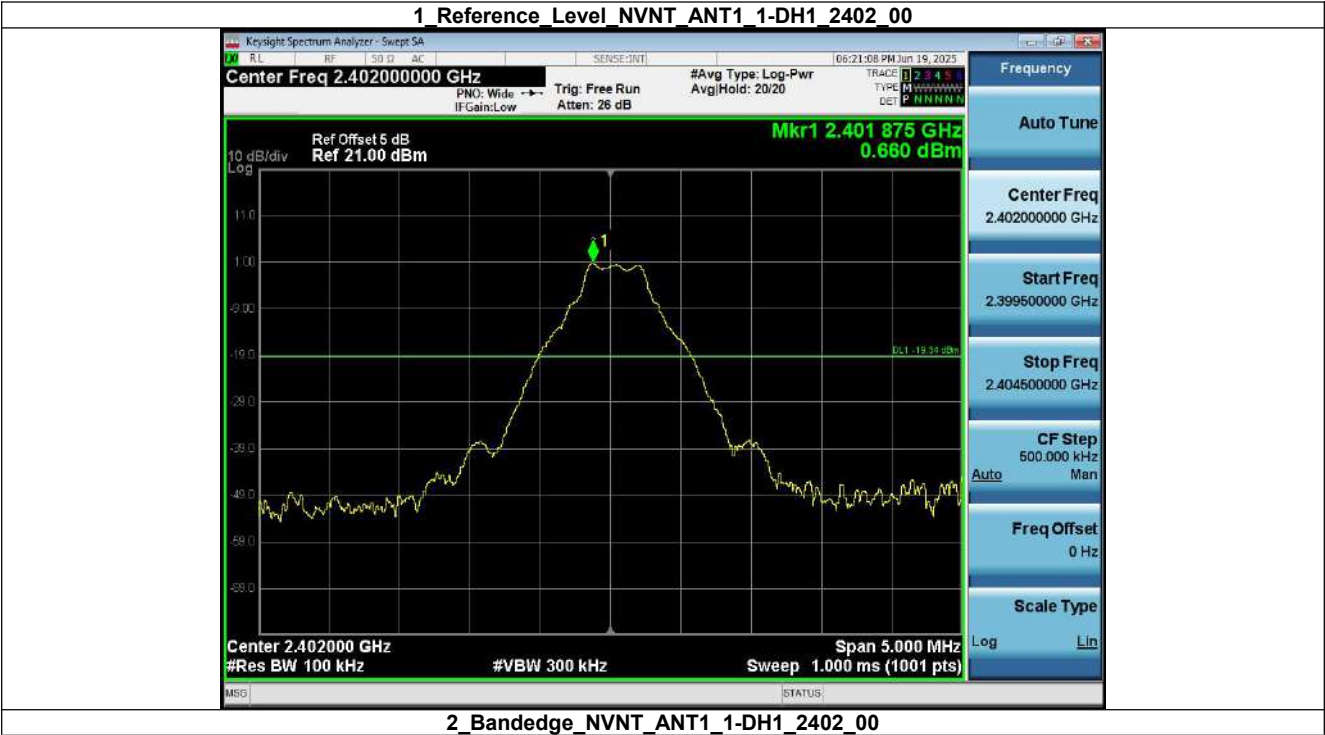


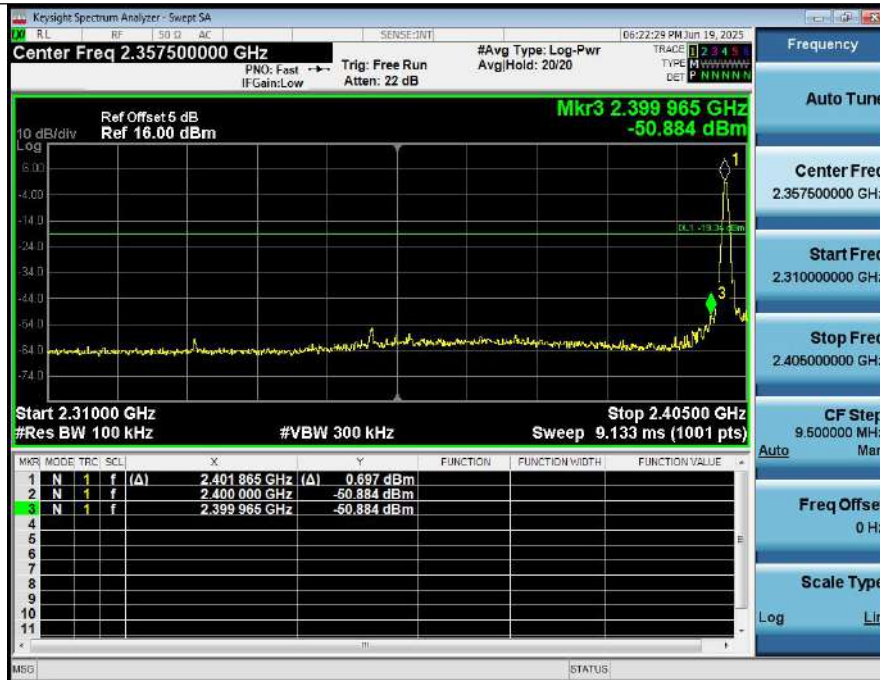
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



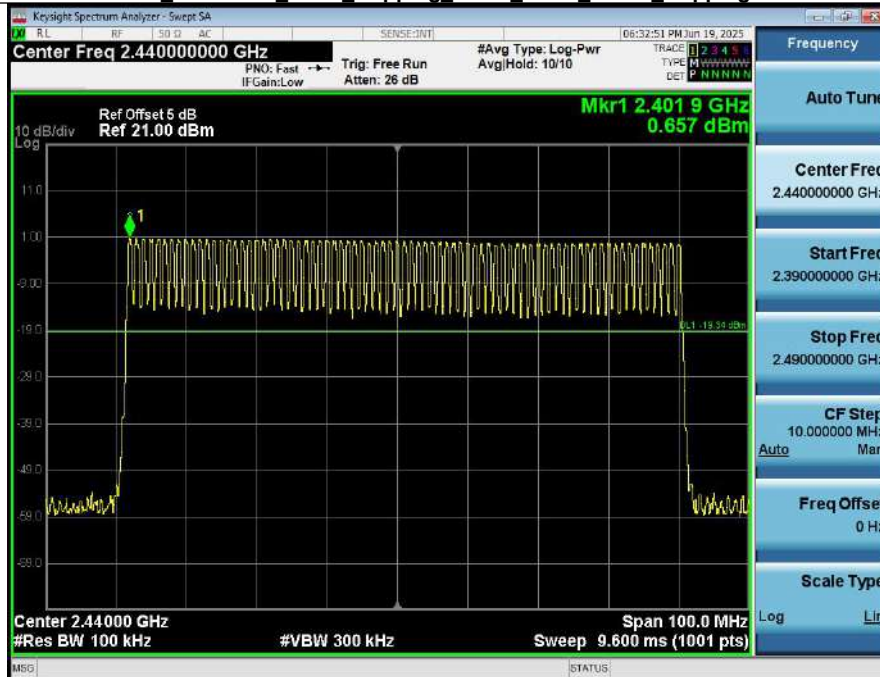
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.660	-50.884	-19.340	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.657	-51.479	-19.343	Pass
NVNT	ANT1	1-DH1	2480.00	-0.838	-63.312	-20.838	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.256	-53.821	-19.744	Pass
NVNT	ANT1	2-DH1	2402.00	0.634	-49.576	-19.366	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.650	-51.594	-19.350	Pass
NVNT	ANT1	2-DH1	2480.00	-0.807	-63.205	-20.807	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.296	-53.432	-19.704	Pass
NVNT	ANT1	3-DH1	2402.00	0.655	-48.416	-19.345	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.571	-51.420	-19.429	Pass
NVNT	ANT1	3-DH1	2480.00	-0.823	-62.610	-20.823	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.329	-54.886	-19.671	Pass

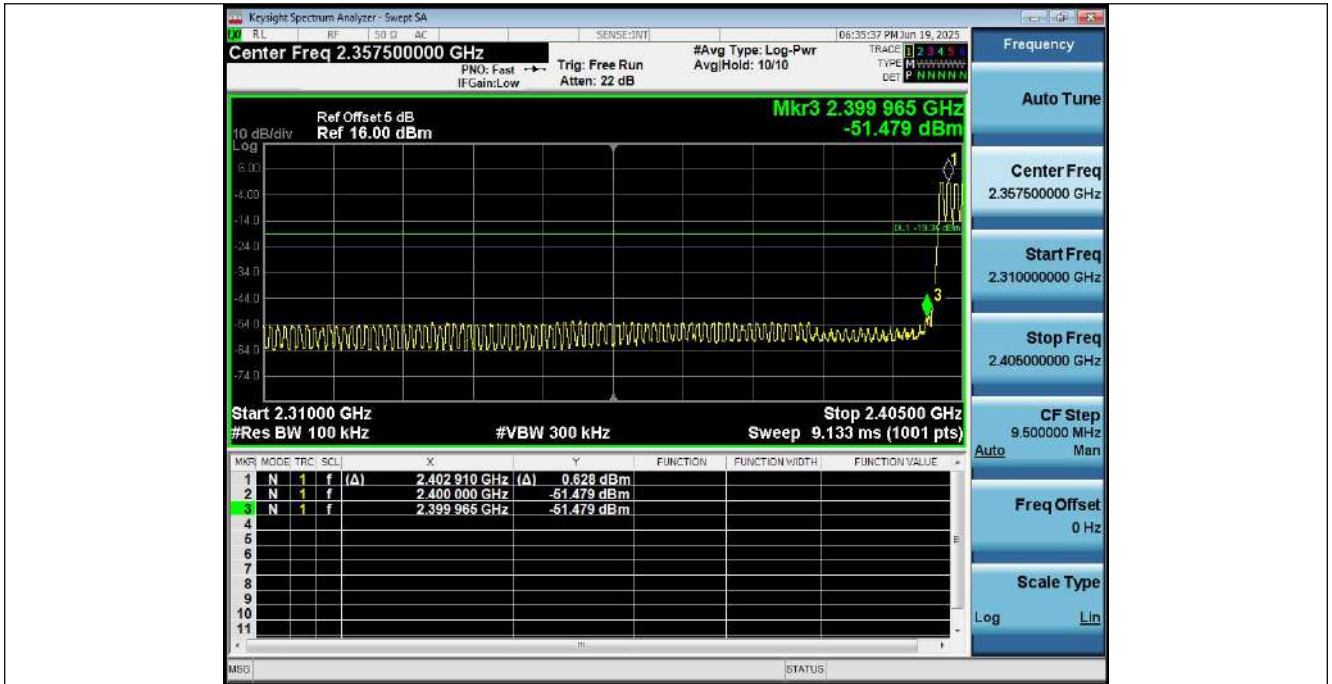




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



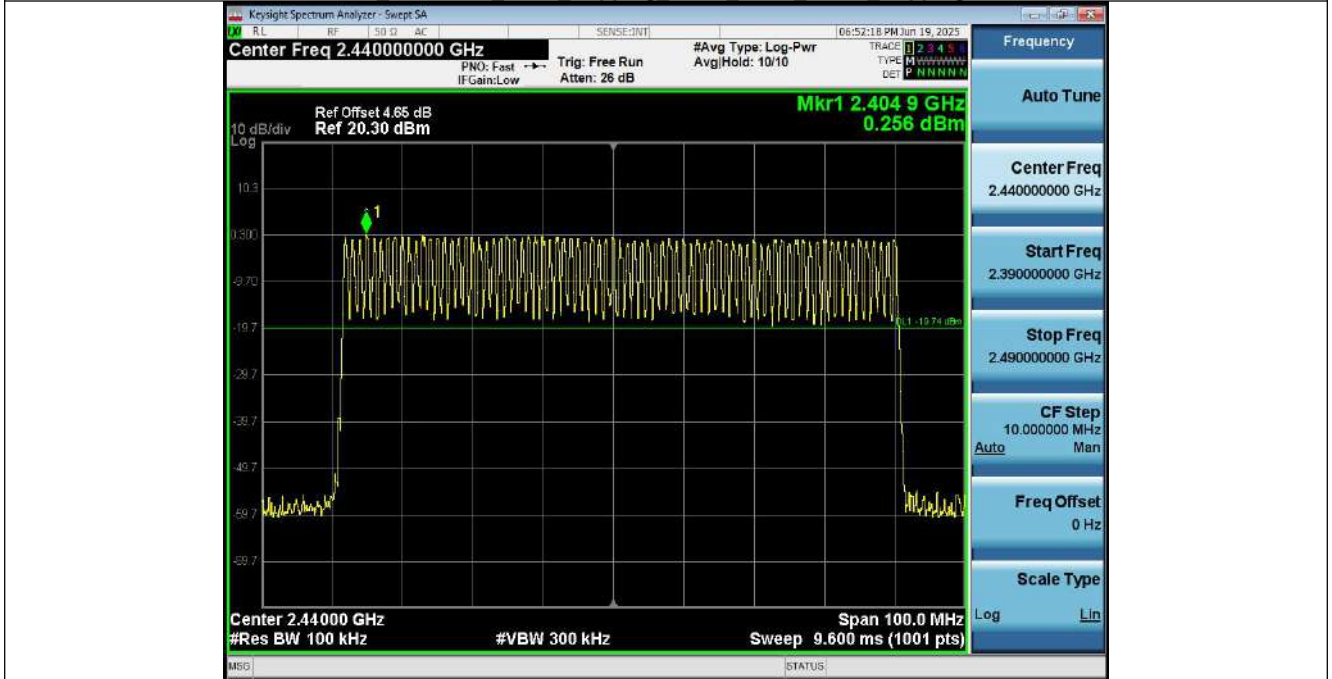
1 Reference Level NVNT ANT1 1-DH1 2480 00



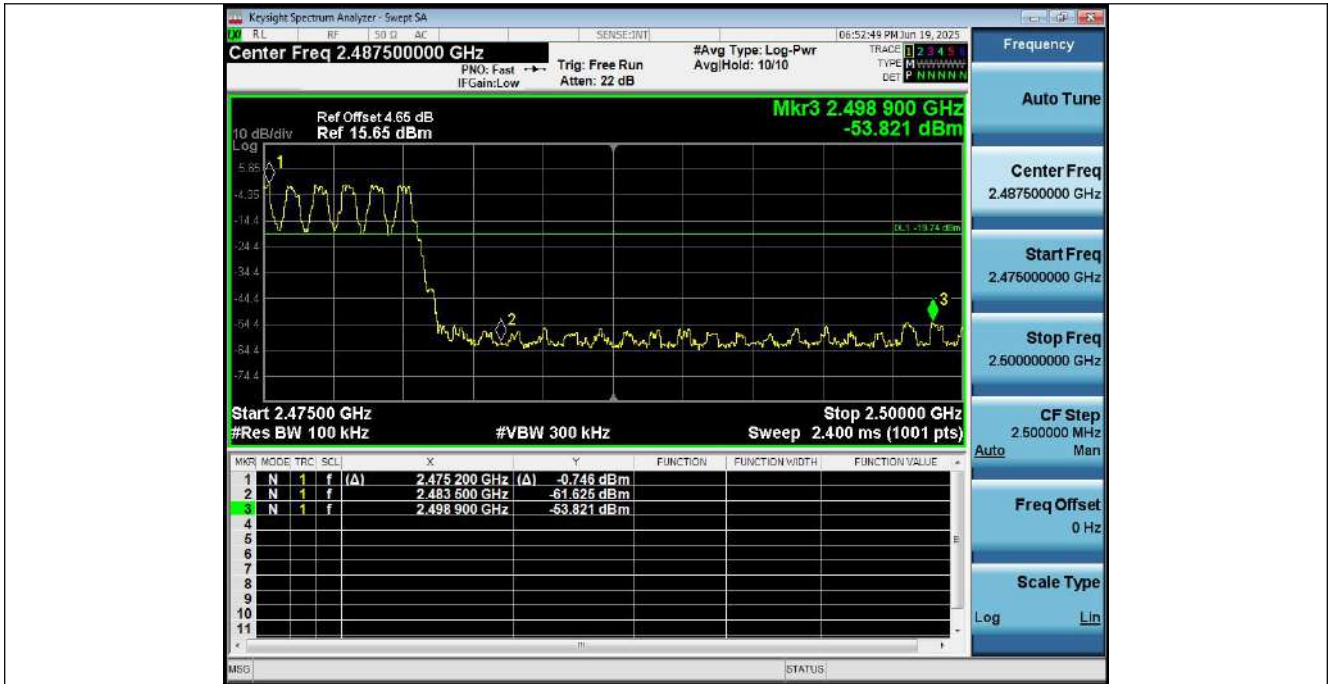
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



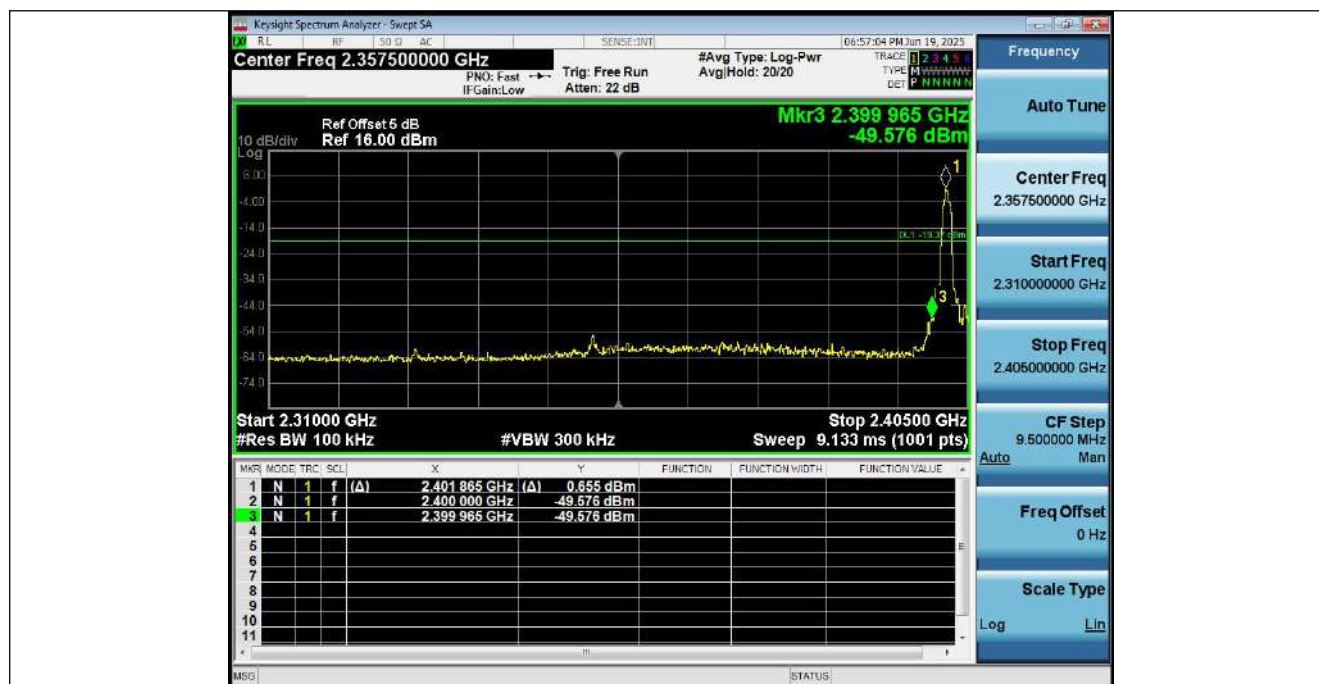
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



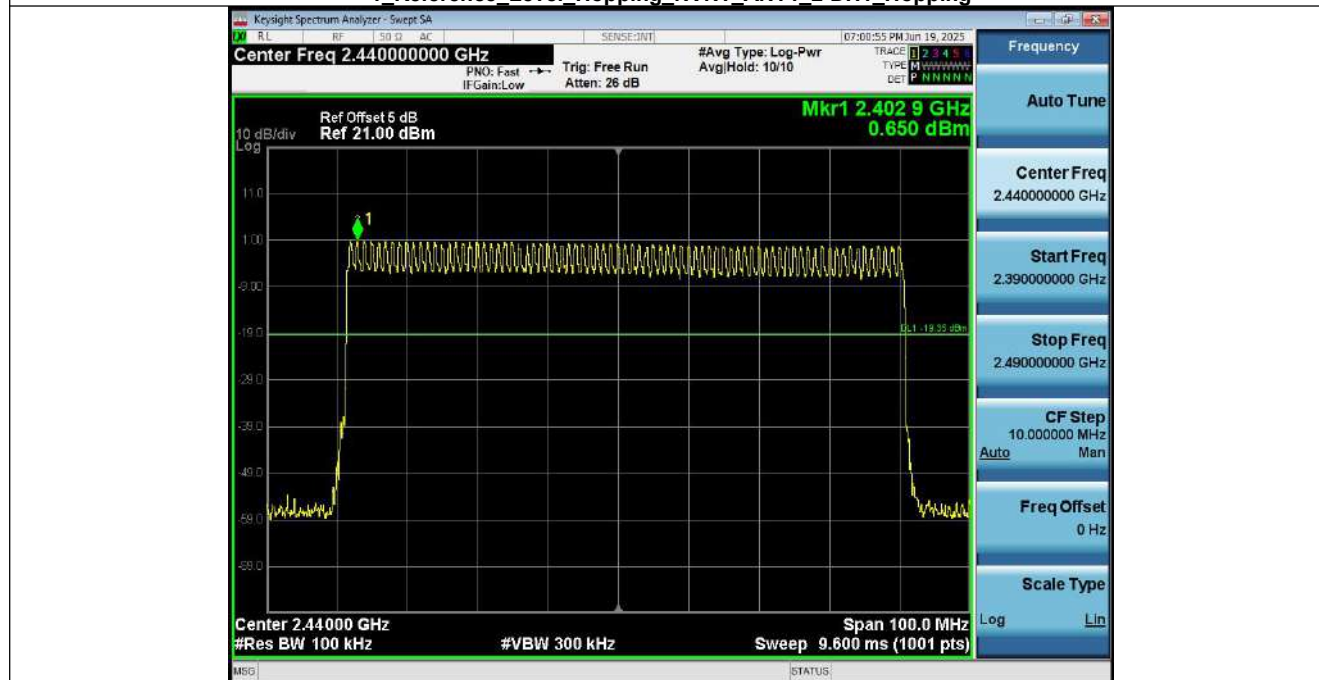
1 Reference Level NVNT ANT1 2-DH1 2402 00



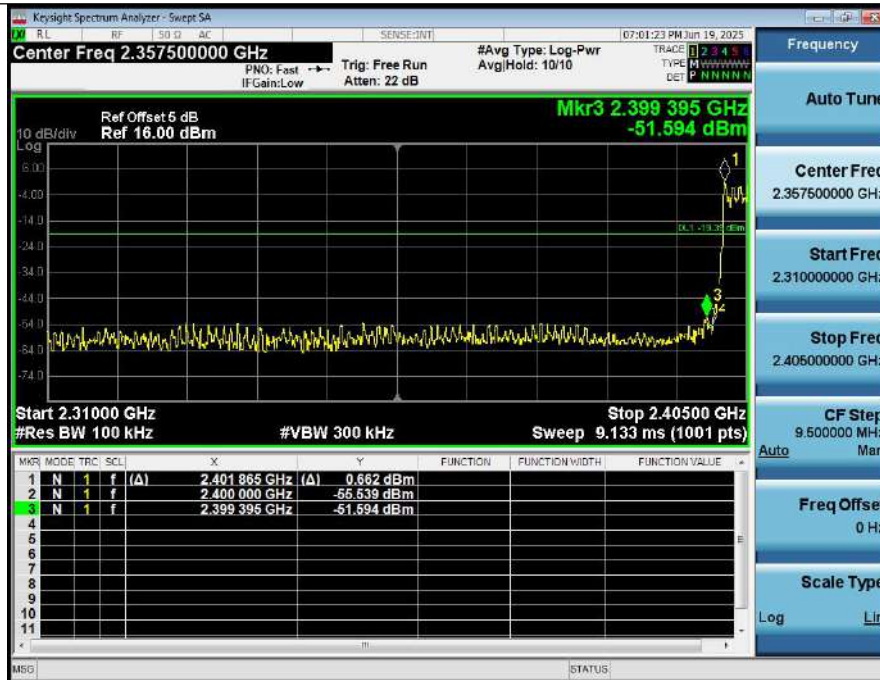
2 Bandedge NVNT ANT1 2-DH1 2402 00



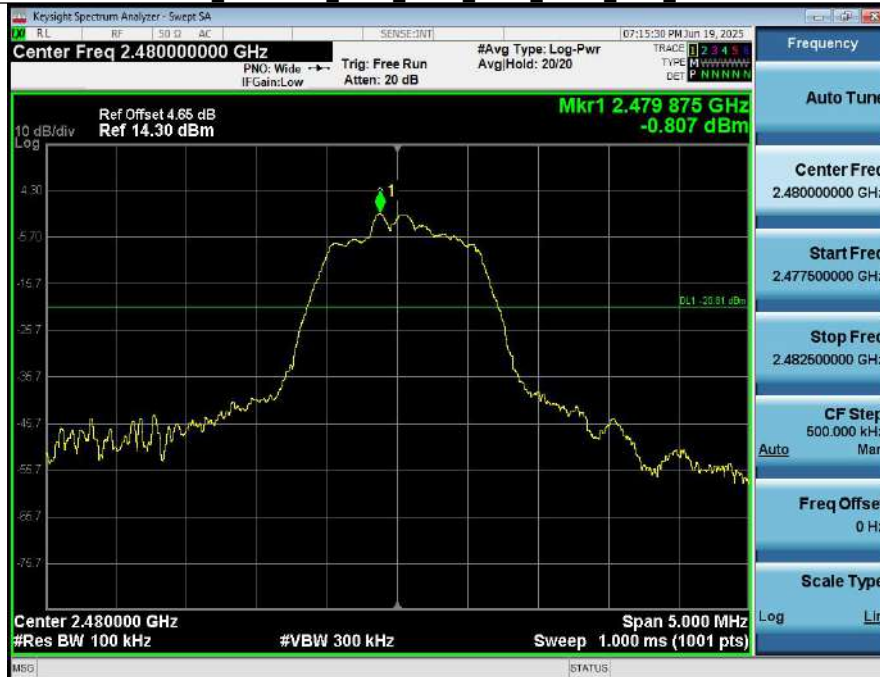
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



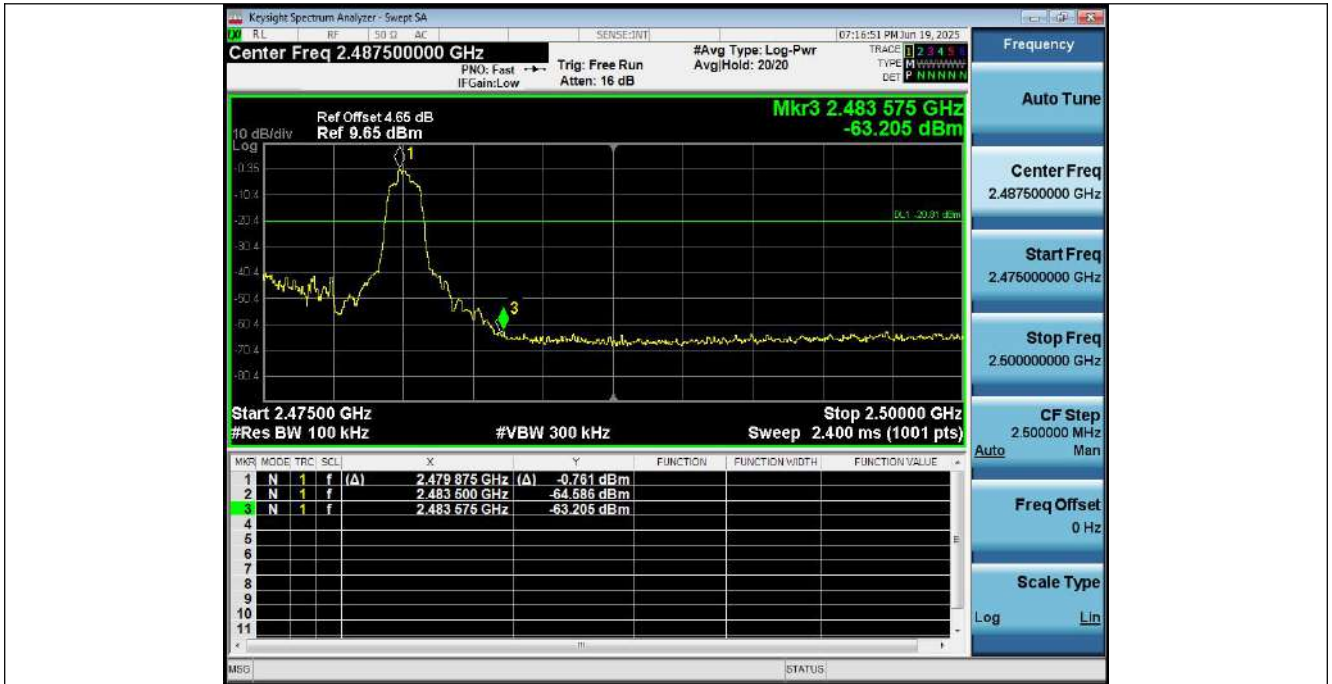
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



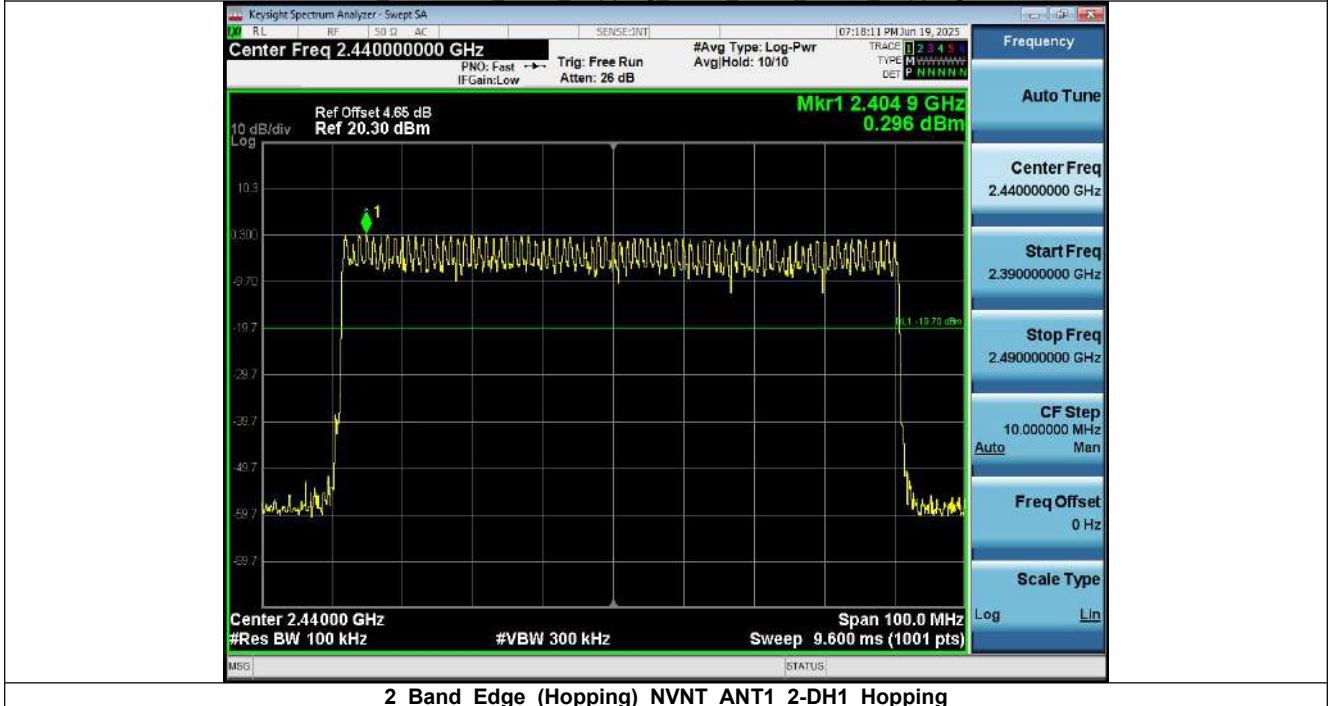
1 Reference Level NVNT ANT1 2-DH1 2480 00



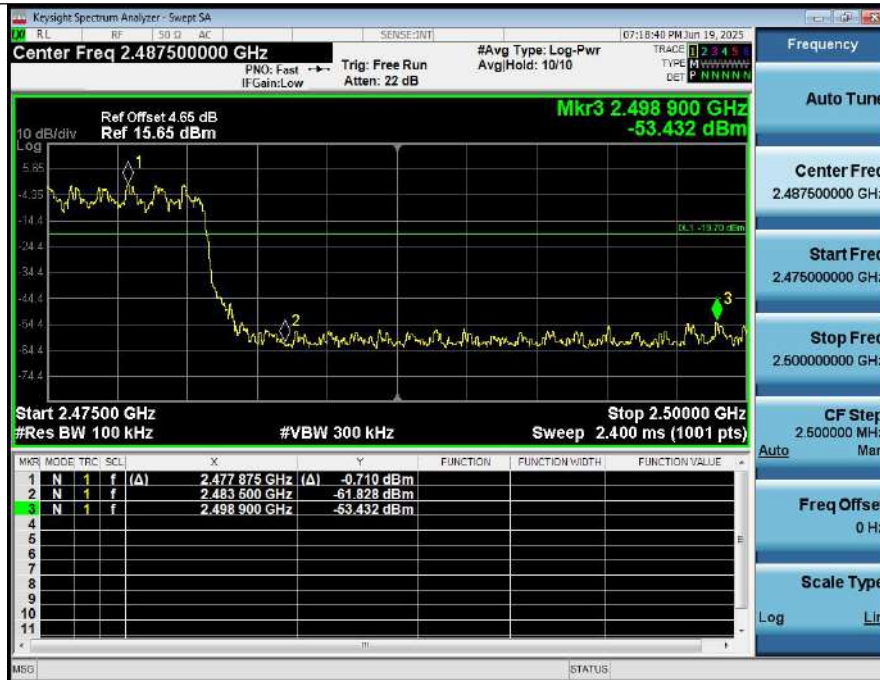
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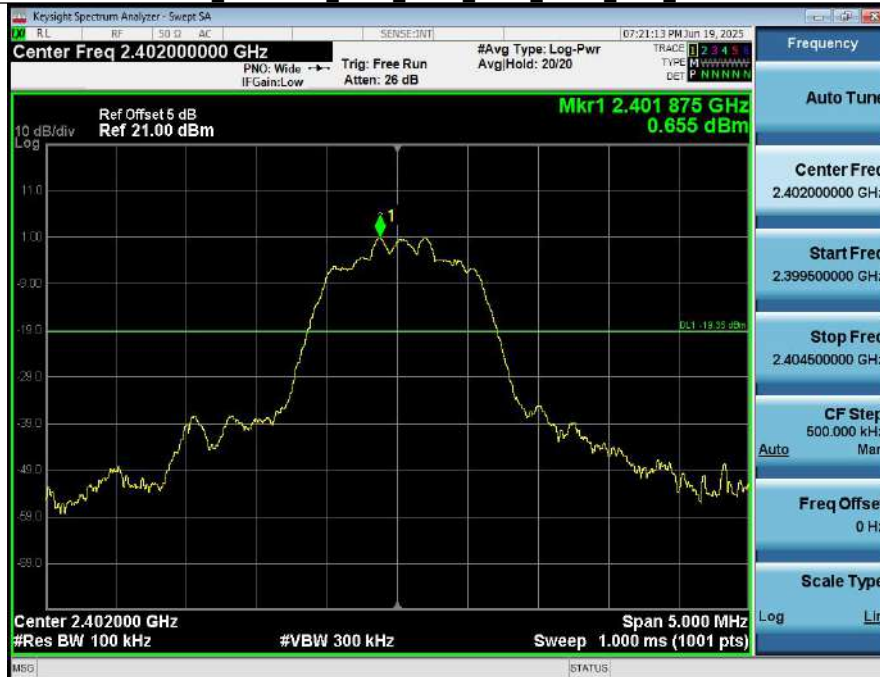
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



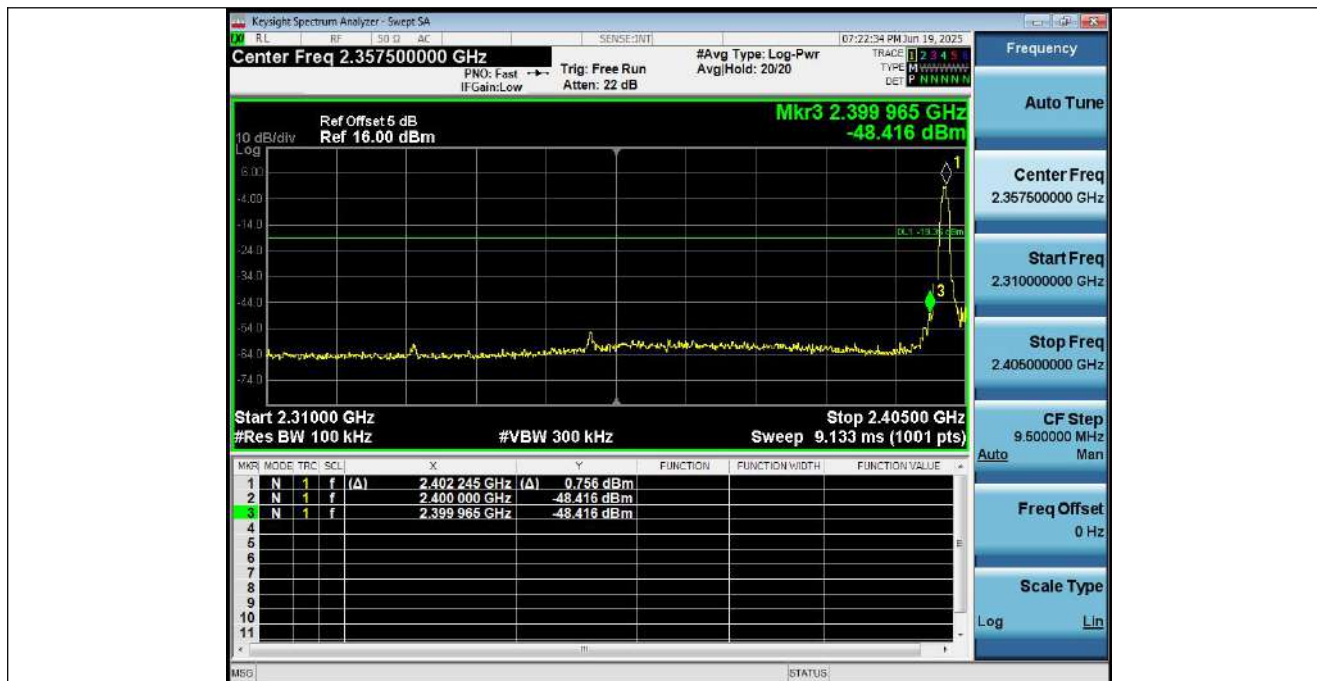
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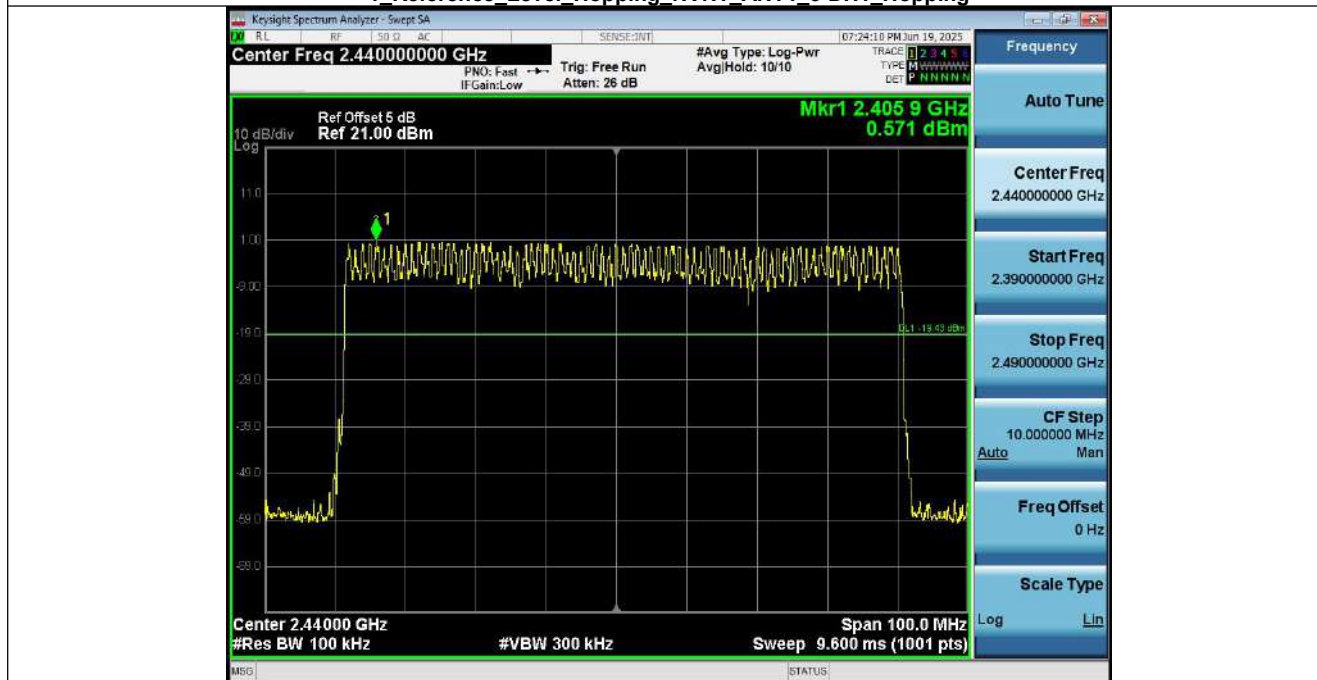
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



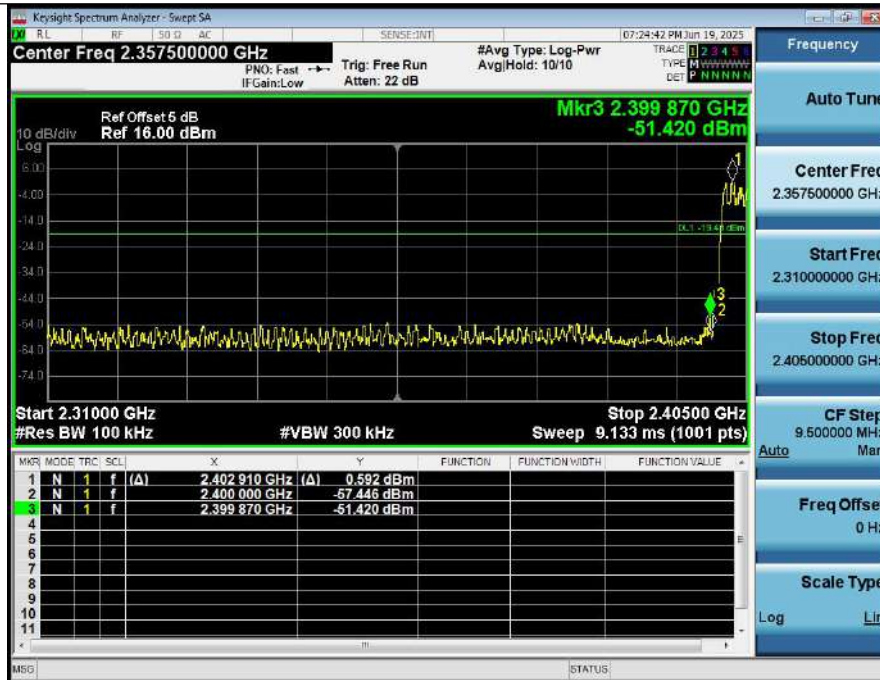
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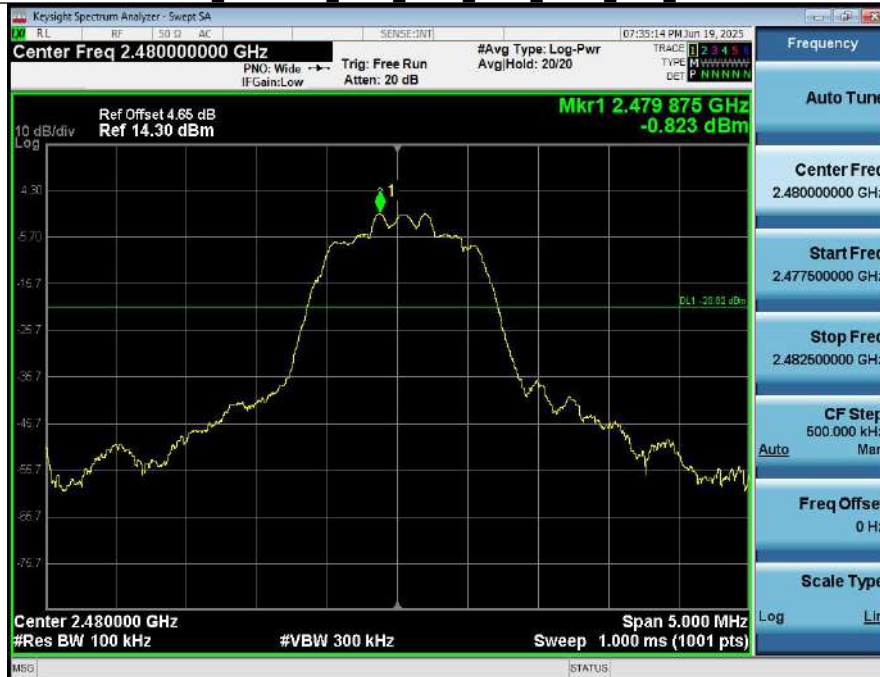
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



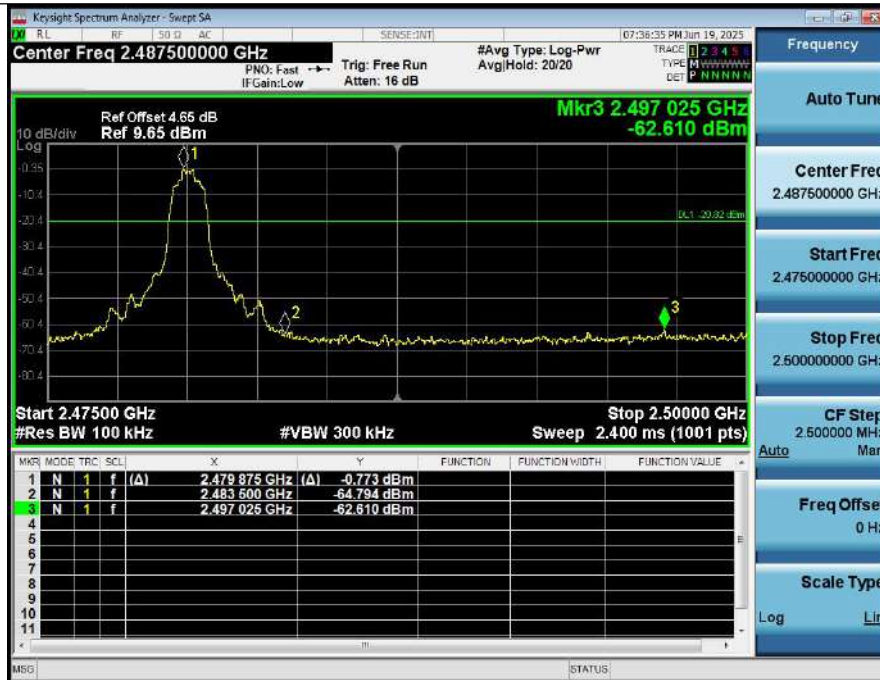
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



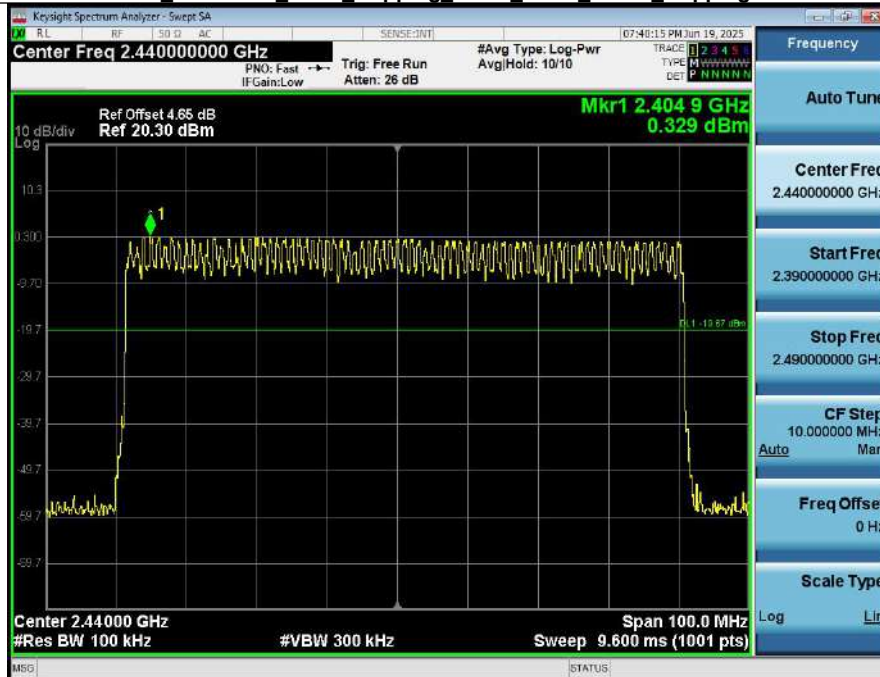
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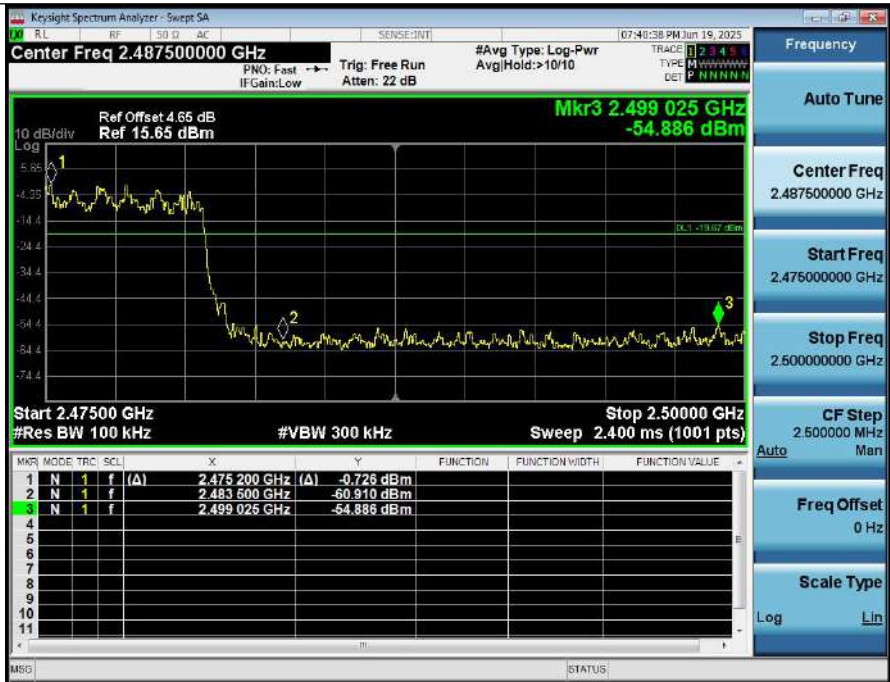
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

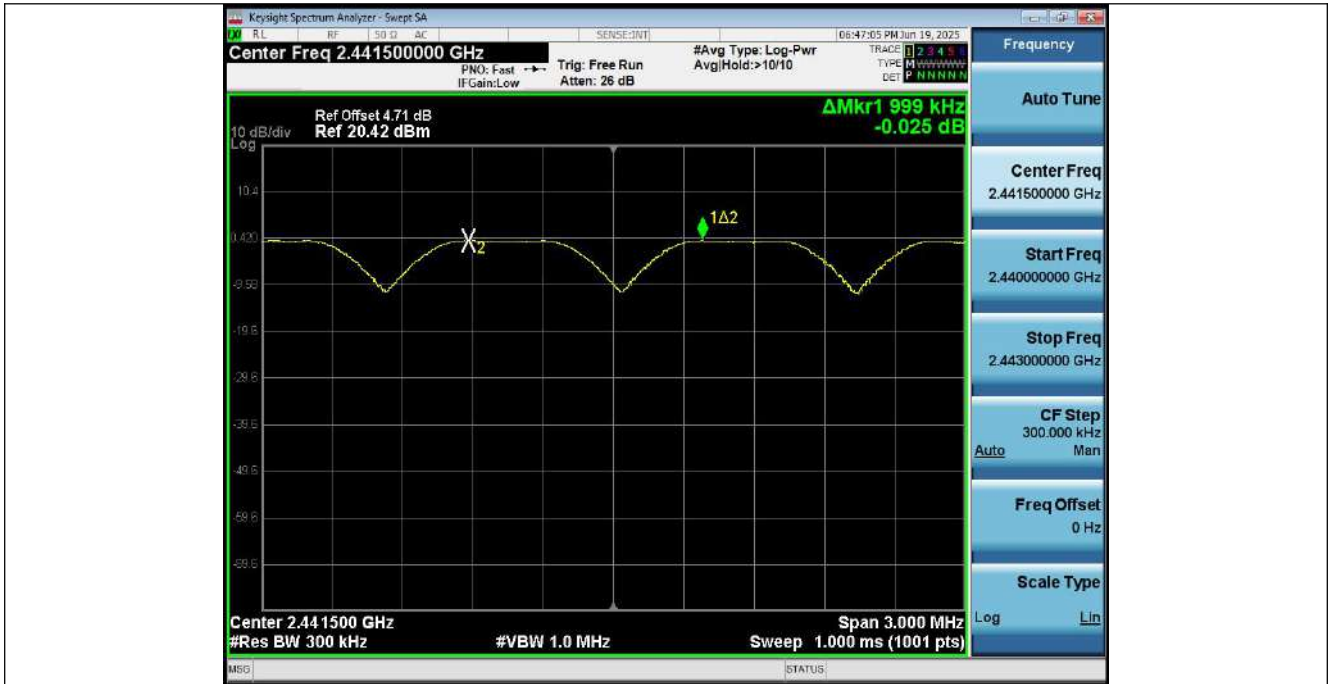


6. Carrier Frequencies Separation (Hopping)

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	2403.040	1.00	0.878	Pass
NVNT	ANT1	1-DH1	2441.00	2440.882	2441.881	1.00	0.912	Pass
NVNT	ANT1	1-DH1	2480.00	2478.876	2479.884	1.01	0.925	Pass
NVNT	ANT1	2-DH1	2402.00	2402.047	2403.049	1.00	0.847	Pass
NVNT	ANT1	2-DH1	2441.00	2440.876	2441.881	1.00	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.879	2479.881	1.00	0.848	Pass
NVNT	ANT1	3-DH1	2402.00	2402.044	2403.049	1.00	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.876	2441.881	1.00	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.885	2479.878	0.99	0.835	Pass



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



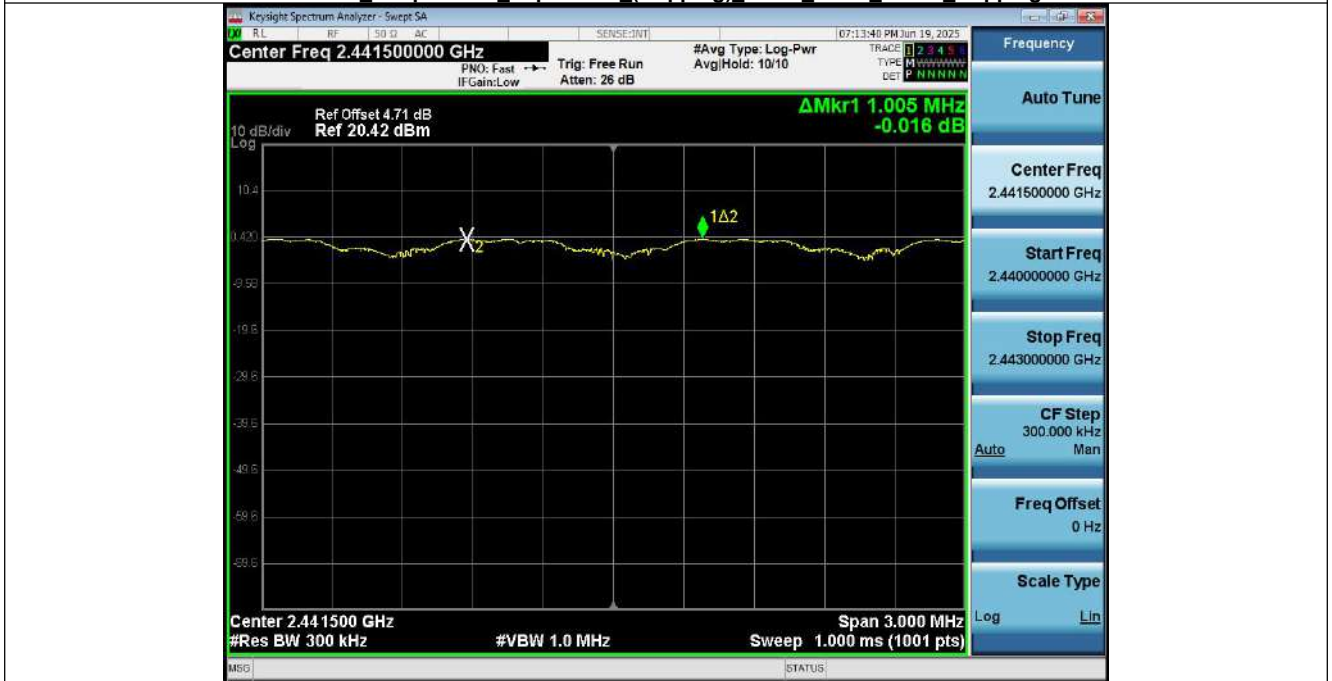
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



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

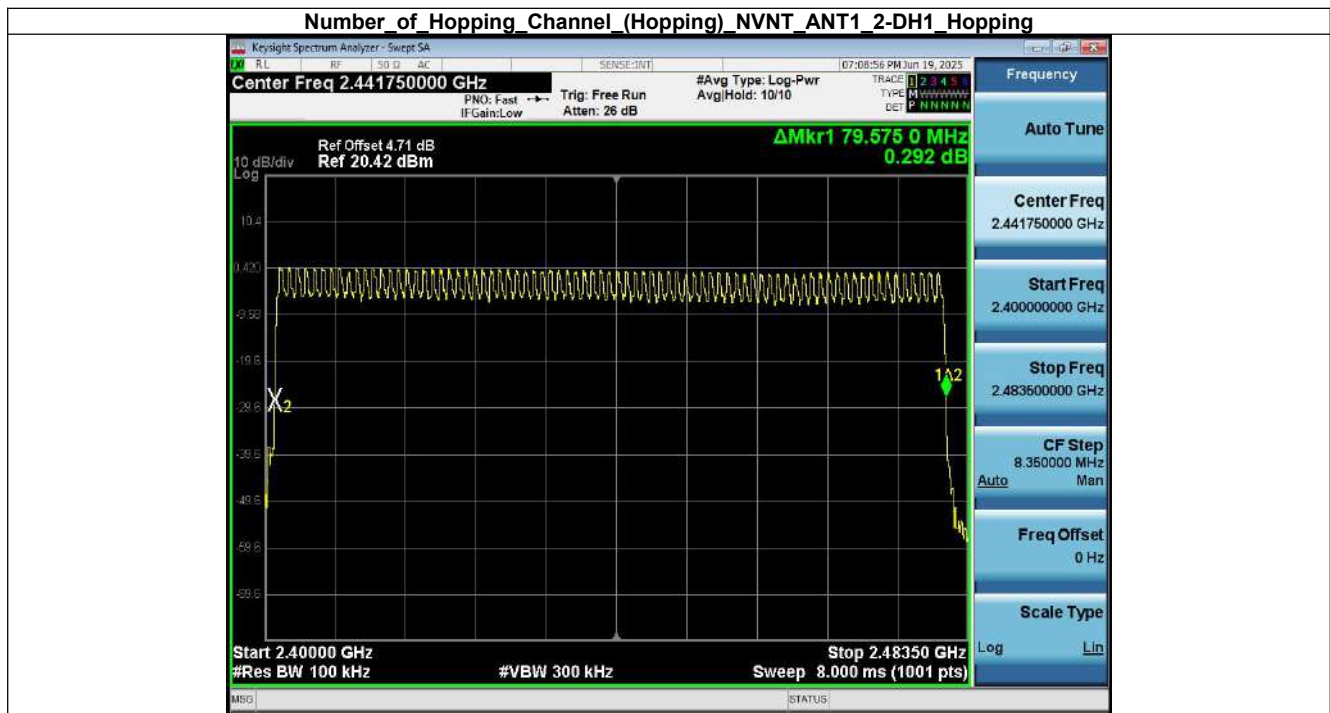
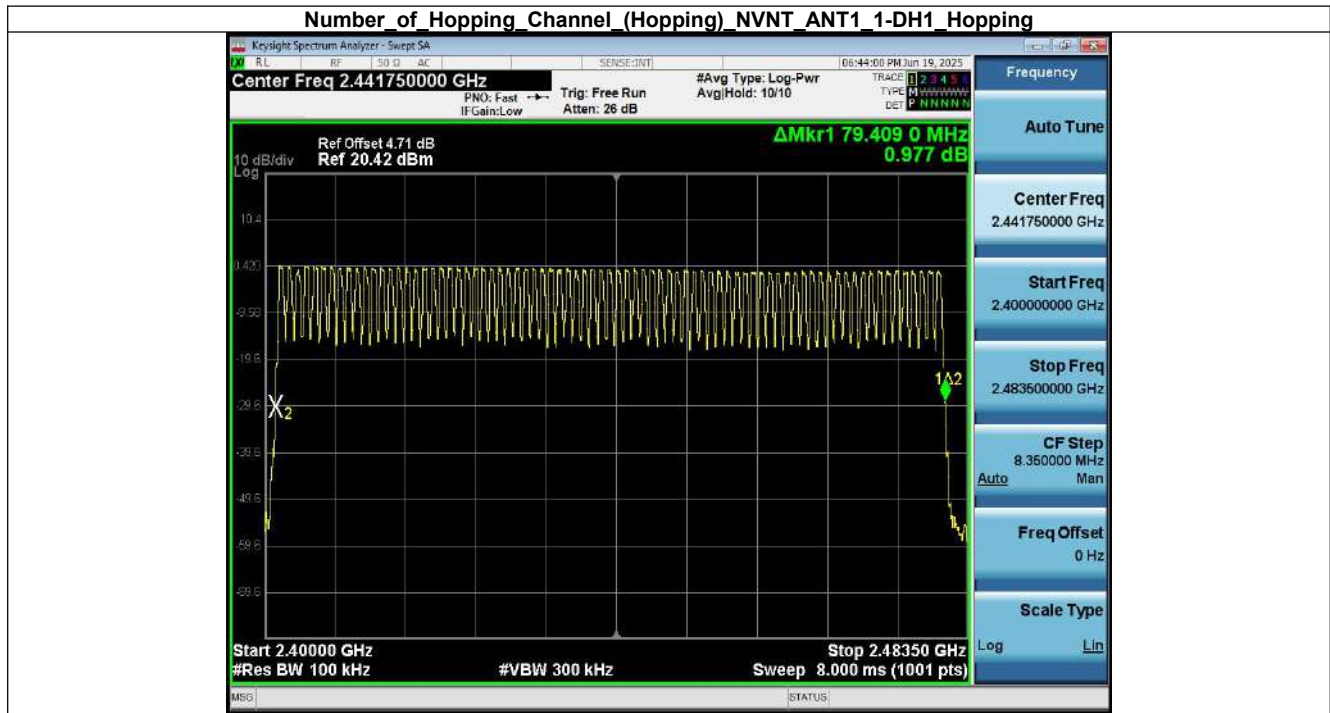


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



7. 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

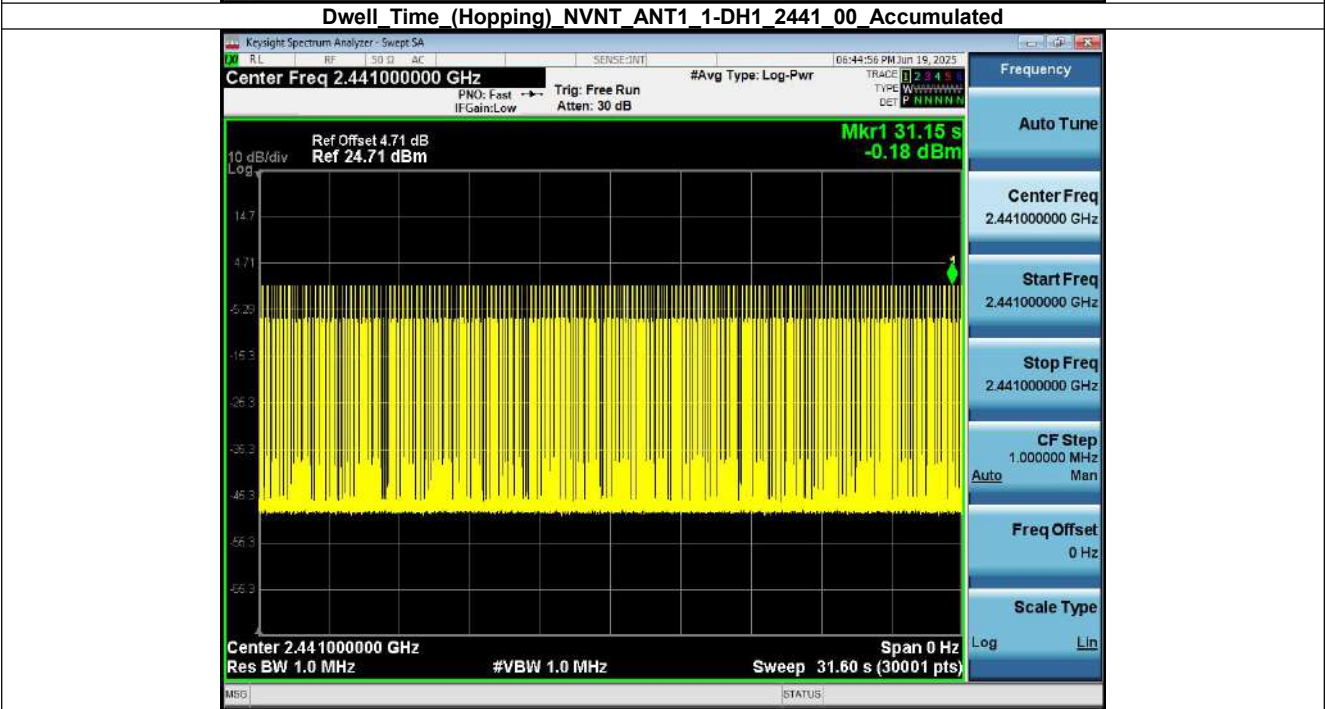
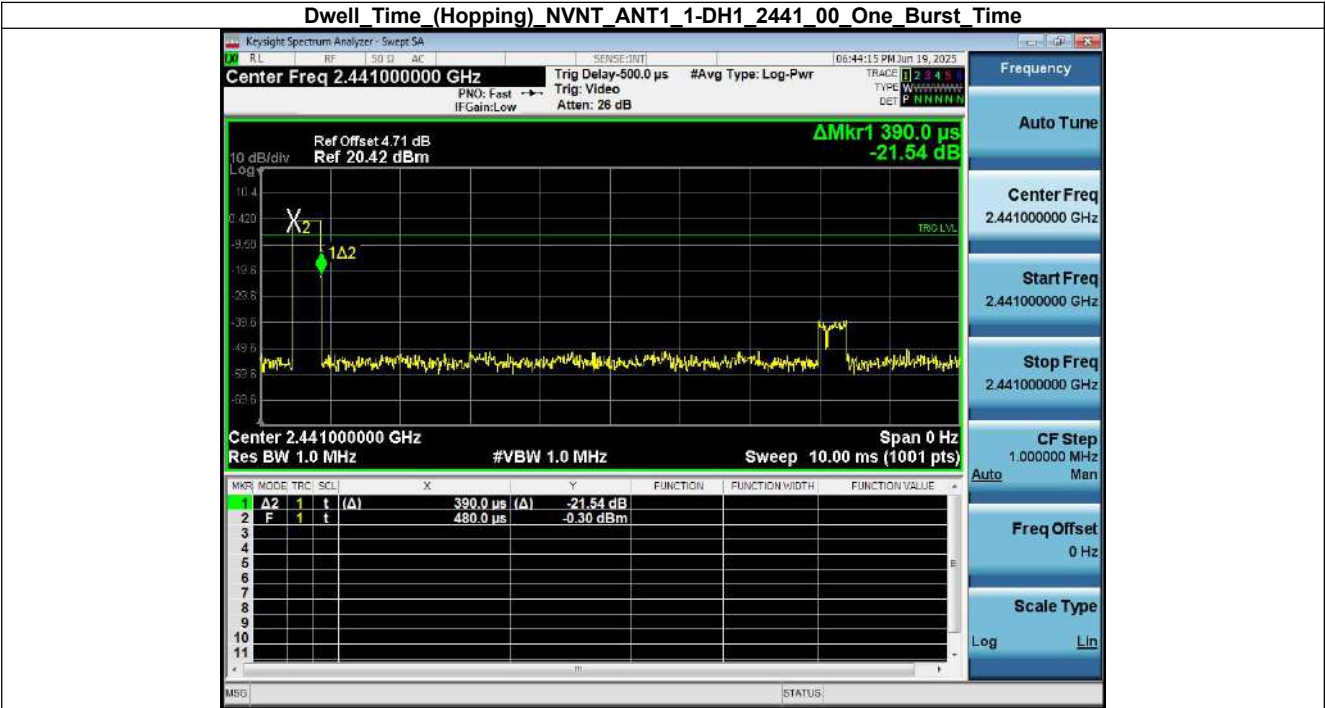


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



8. Dwell Time (Hopping)

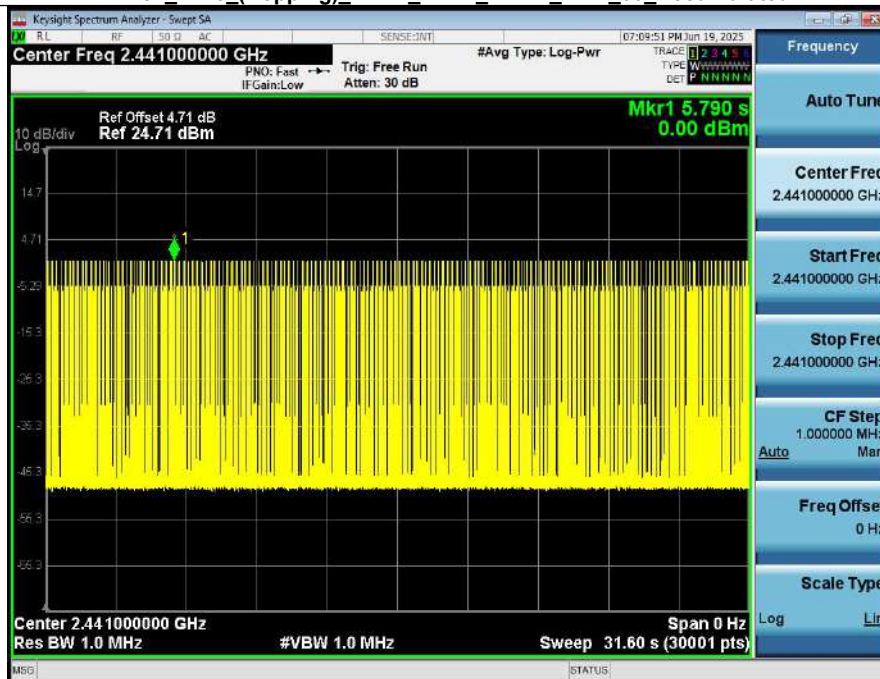
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	166.00	273.900	0.40	Pass
NVNT	ANT1	1-DH5	2.900	116.00	336.400	0.40	Pass
NVNT	ANT1	2-DH3	1.650	151.00	249.150	0.40	Pass
NVNT	ANT1	2-DH5	2.900	100.00	290.000	0.40	Pass
NVNT	ANT1	3-DH3	1.650	155.00	255.750	0.40	Pass
NVNT	ANT1	3-DH5	2.900	119.00	345.100	0.40	Pass



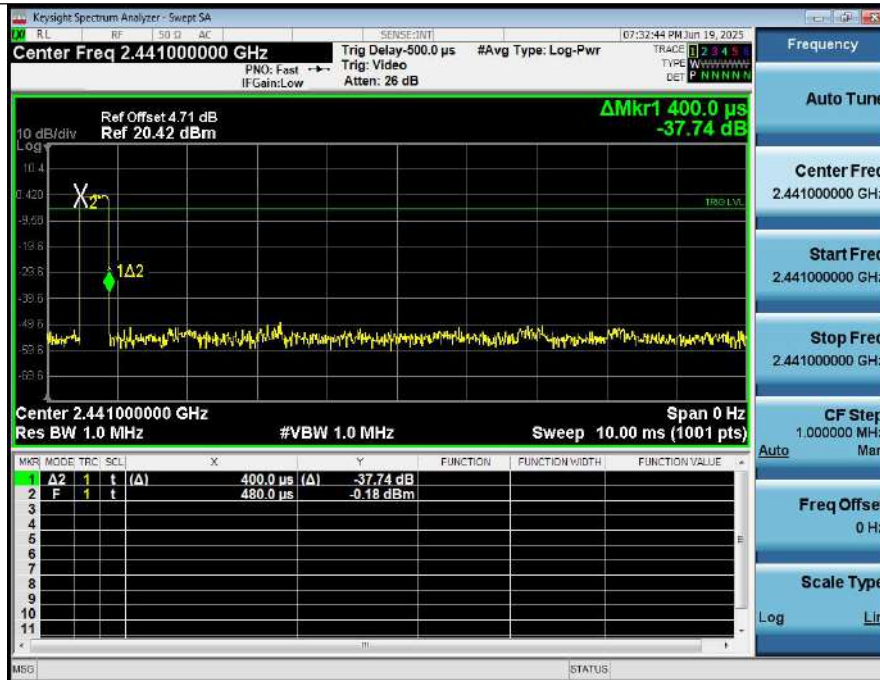
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



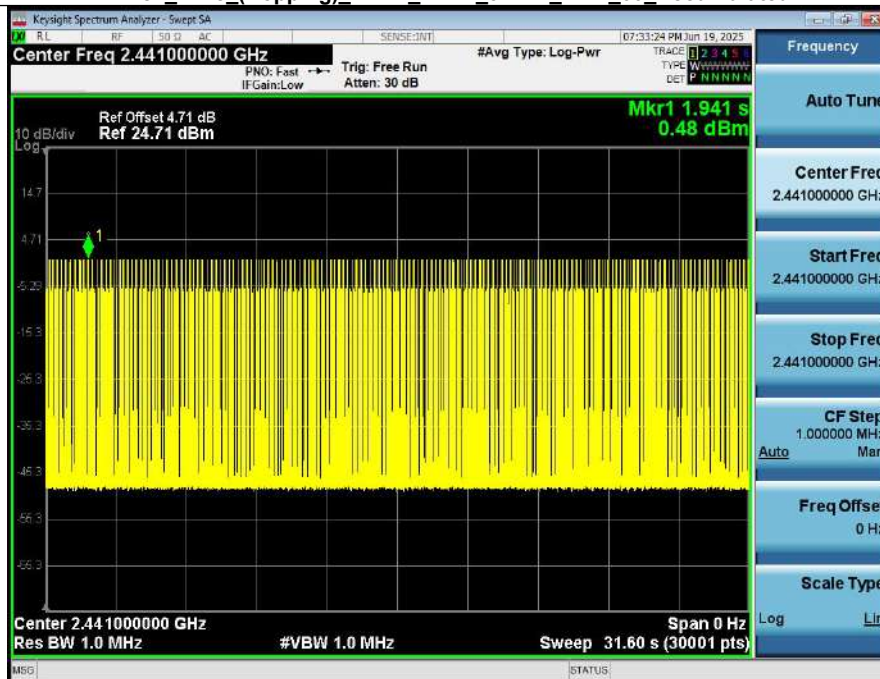
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



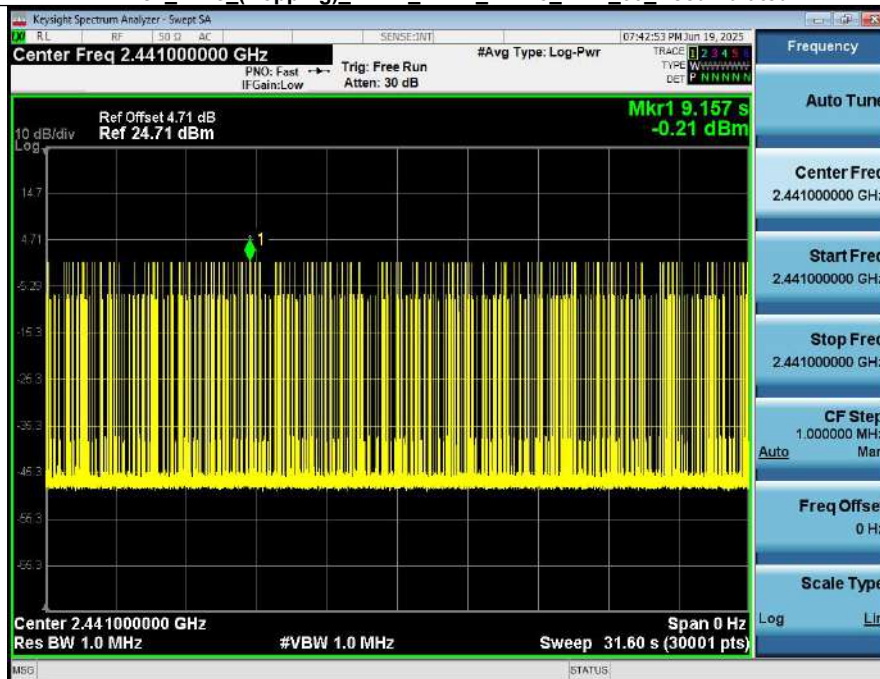
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



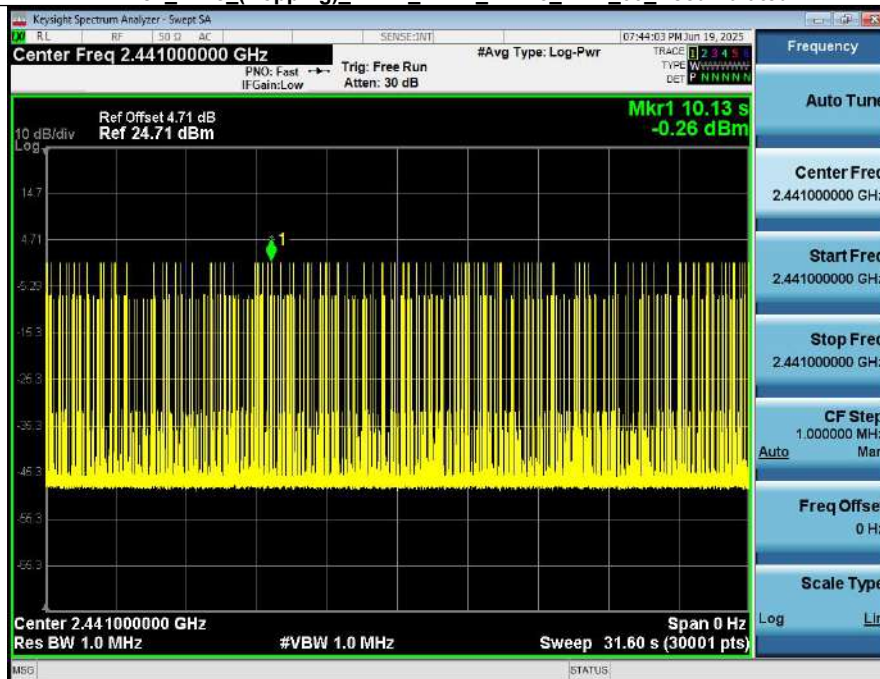
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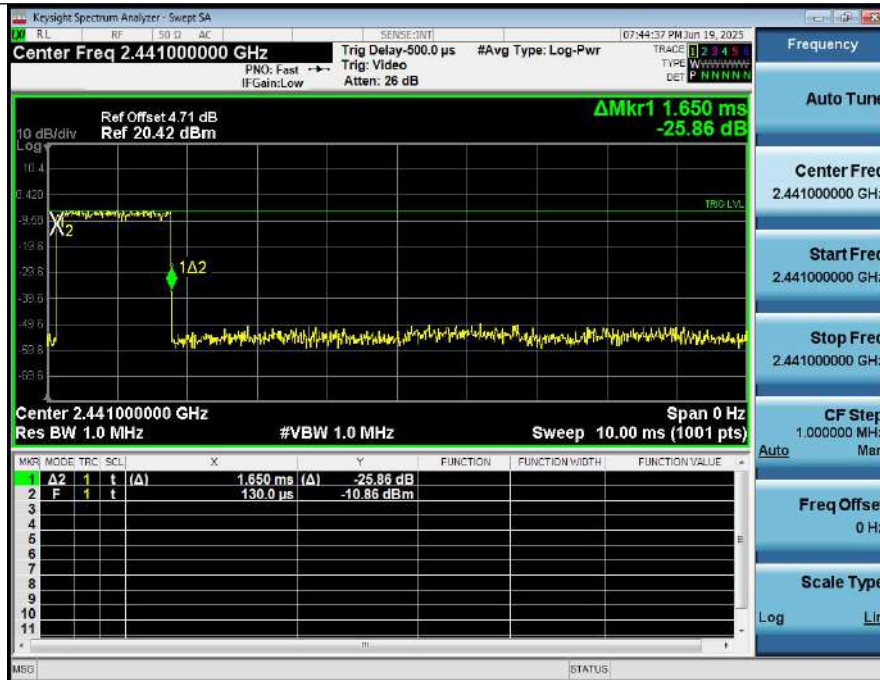
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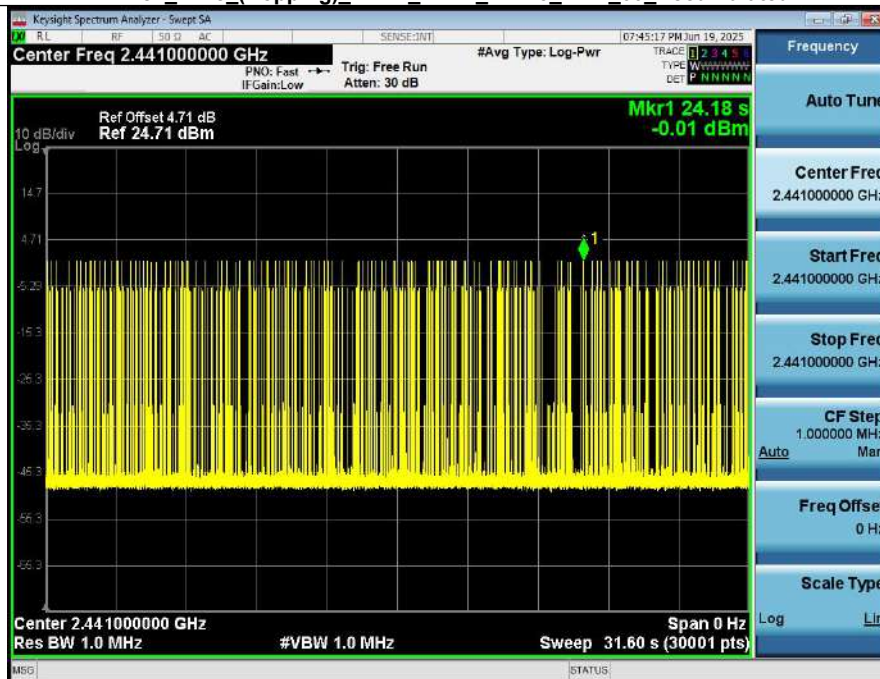
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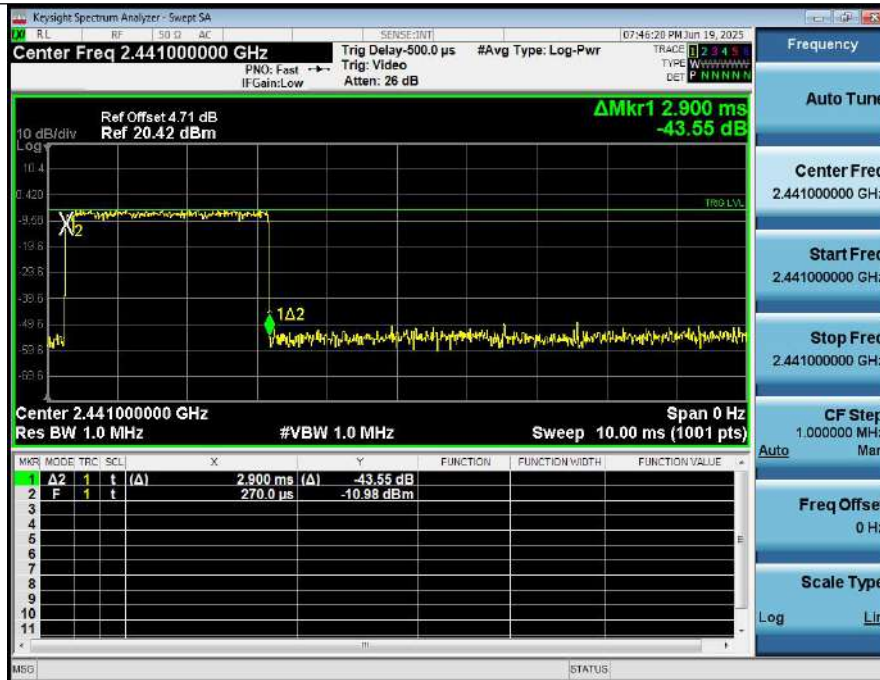
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



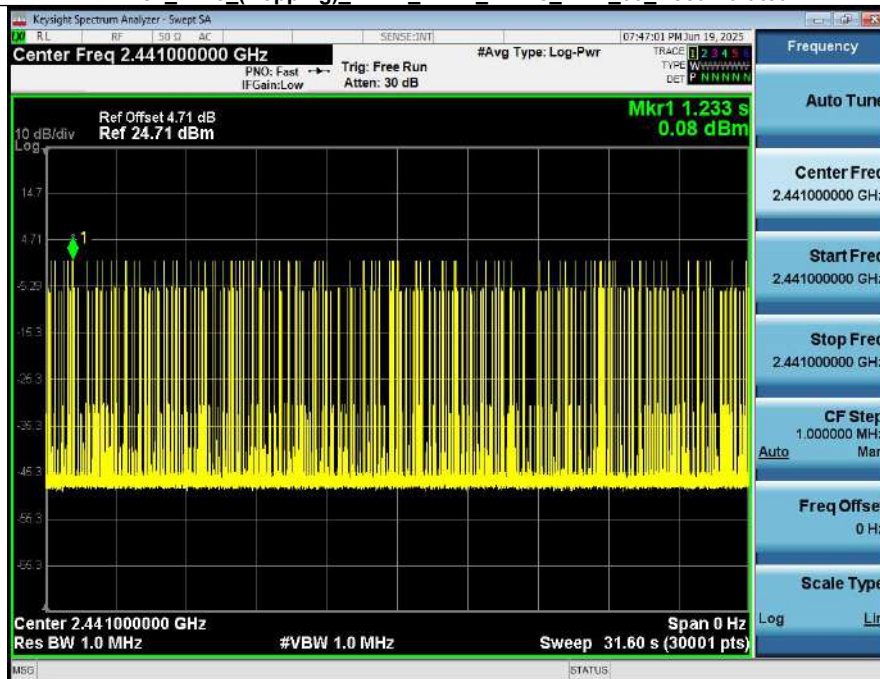
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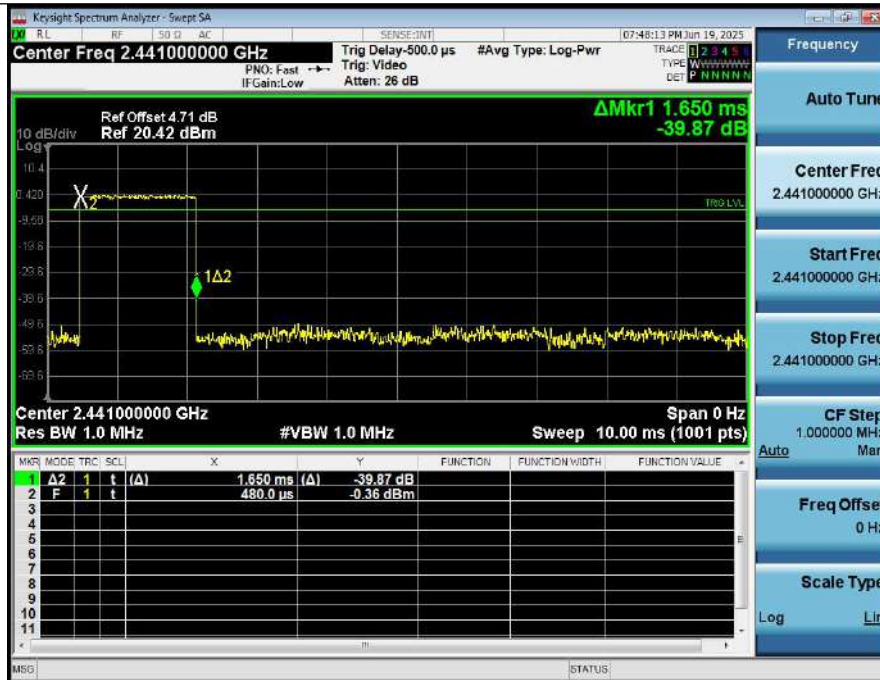
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



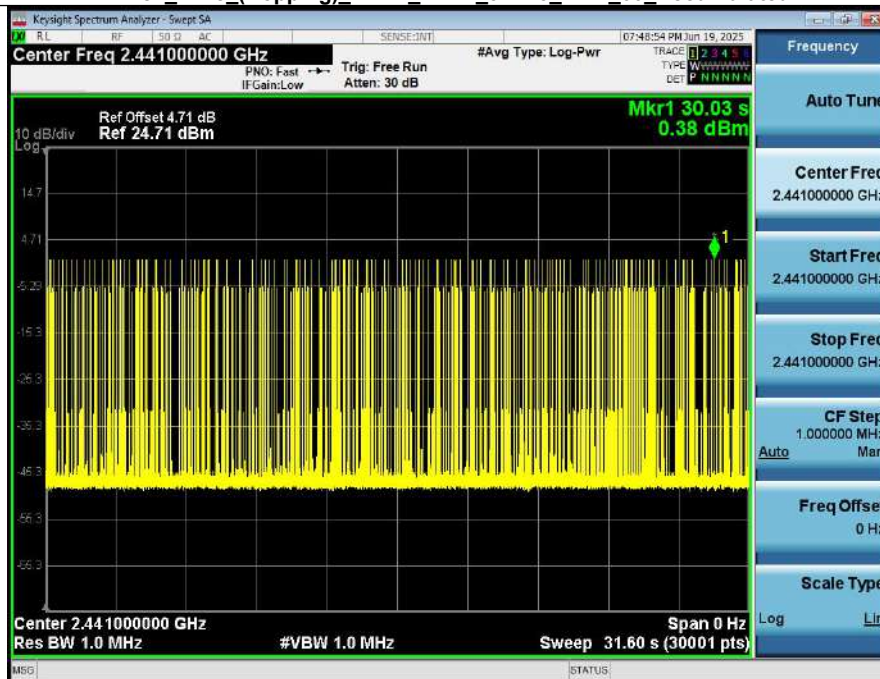
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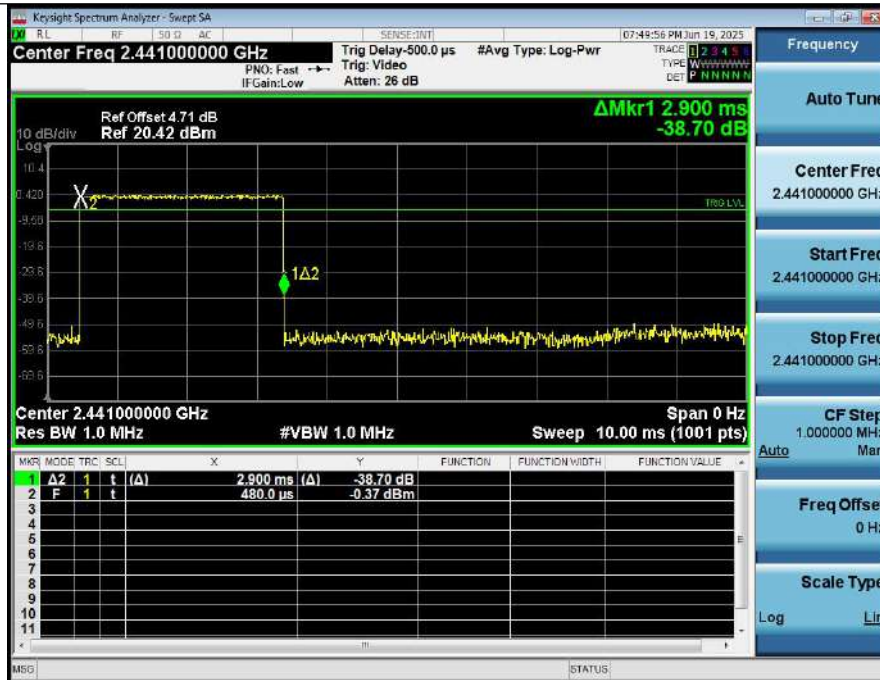
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

