

Table of Contents

1. -20dB Bandwidth	2
2. 99% Occupied Bandwidth	7
3. Peak Output Power	12
4. Spurious Emissions	17
5. Bandedge	26
6. Carrier Frequencies Separation (Hopping)	39
7. Number of Hopping Channel (Hopping)	44
8. Dwell Time (Hopping)	46

FCC ID:2BEIADR-83

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	0.8726	No
NVNT	ANT1	1-DH1	2441.00	0.8706	No
NVNT	ANT1	1-DH1	2480.00	0.8774	No
NVNT	ANT1	2-DH1	2402.00	1.277	Yes
NVNT	ANT1	2-DH1	2441.00	1.276	Yes
NVNT	ANT1	2-DH1	2480.00	1.274	Yes
NVNT	ANT1	3-DH1	2402.00	1.251	Yes
NVNT	ANT1	3-DH1	2441.00	1.243	Yes
NVNT	ANT1	3-DH1	2480.00	1.240	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

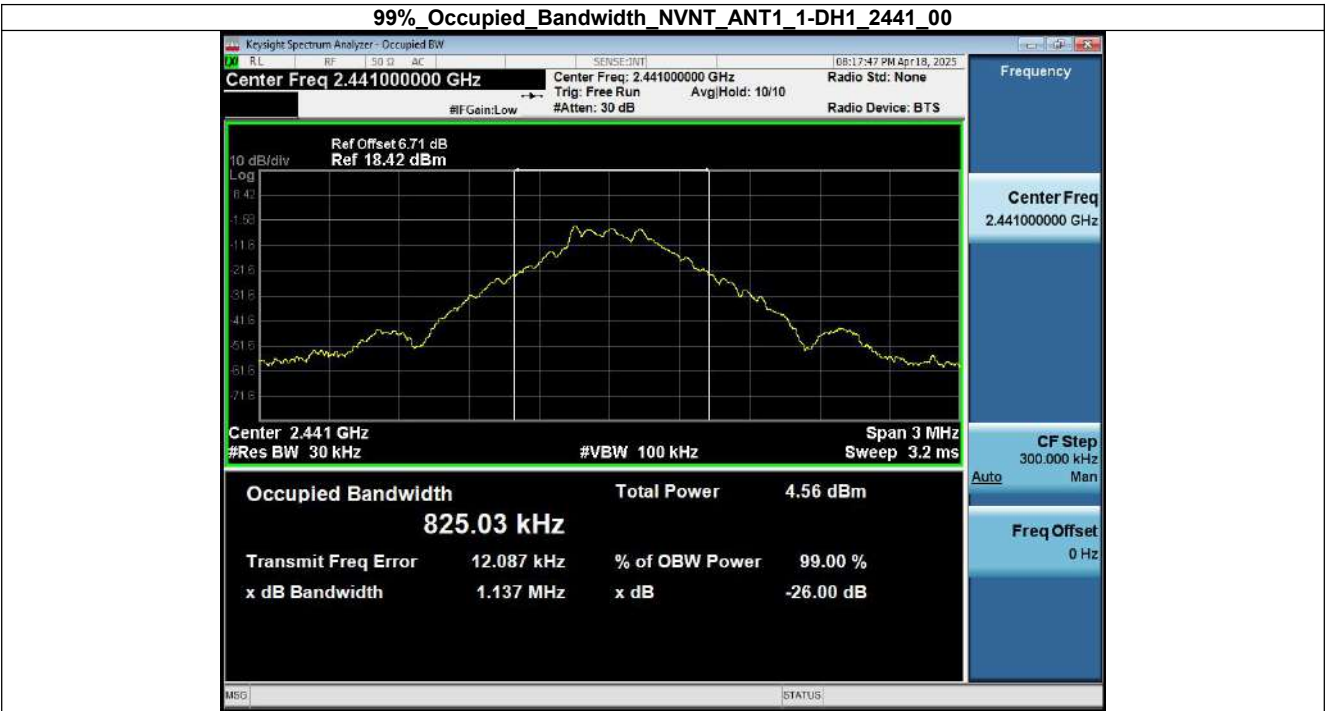


-20dB Bandwidth NVNT_ANT1_3-DH1_2480_00



2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.826
NVNT	ANT1	1-DH1	2441.00	0.825
NVNT	ANT1	1-DH1	2480.00	0.826
NVNT	ANT1	2-DH1	2402.00	1.169
NVNT	ANT1	2-DH1	2441.00	1.171
NVNT	ANT1	2-DH1	2480.00	1.171
NVNT	ANT1	3-DH1	2402.00	1.162
NVNT	ANT1	3-DH1	2441.00	1.164
NVNT	ANT1	3-DH1	2480.00	1.163



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)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-1.55	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-2.44	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.92	1000	Pass
NVNT	ANT1	2-DH1	2402.00	-0.65	125	Pass
NVNT	ANT1	2-DH1	2441.00	-1.49	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.95	125	Pass
NVNT	ANT1	3-DH1	2402.00	-0.19	125	Pass
NVNT	ANT1	3-DH1	2441.00	-1.02	125	Pass
NVNT	ANT1	3-DH1	2480.00	-1.60	125	Pass



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

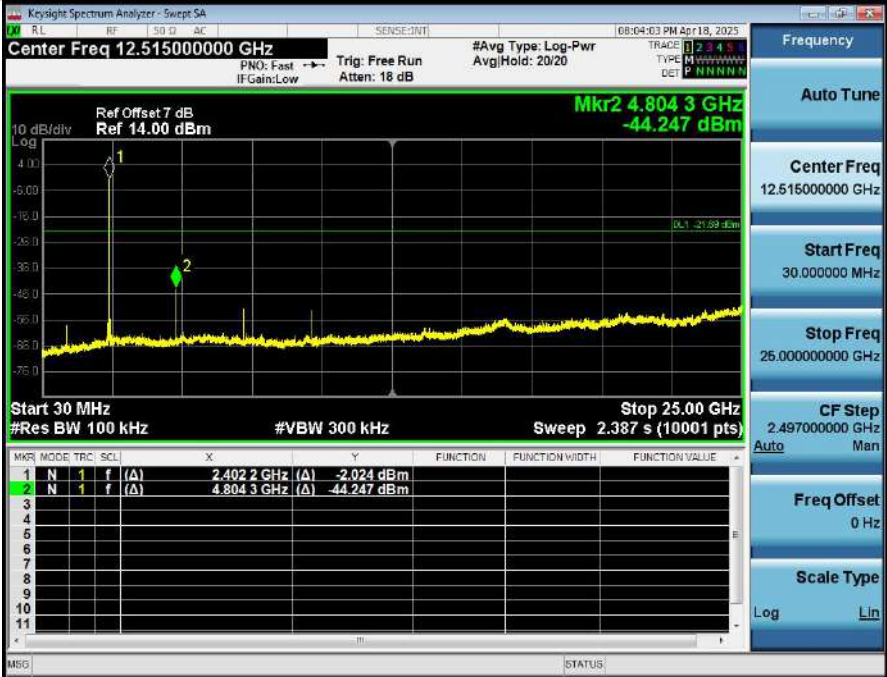
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.687	-44.247	-21.687	Pass
NVNT	ANT1	1-DH1	2441.00	-2.593	-45.415	-22.593	Pass
NVNT	ANT1	1-DH1	2480.00	-3.067	-43.897	-23.067	Pass
NVNT	ANT1	2-DH1	2402.00	-1.715	-45.936	-21.715	Pass
NVNT	ANT1	2-DH1	2441.00	-2.587	-45.908	-22.587	Pass
NVNT	ANT1	2-DH1	2480.00	-3.056	-44.859	-23.056	Pass
NVNT	ANT1	3-DH1	2402.00	-1.750	-46.440	-21.750	Pass
NVNT	ANT1	3-DH1	2441.00	-2.576	-44.387	-22.576	Pass
NVNT	ANT1	3-DH1	2480.00	-3.125	-45.953	-23.125	Pass

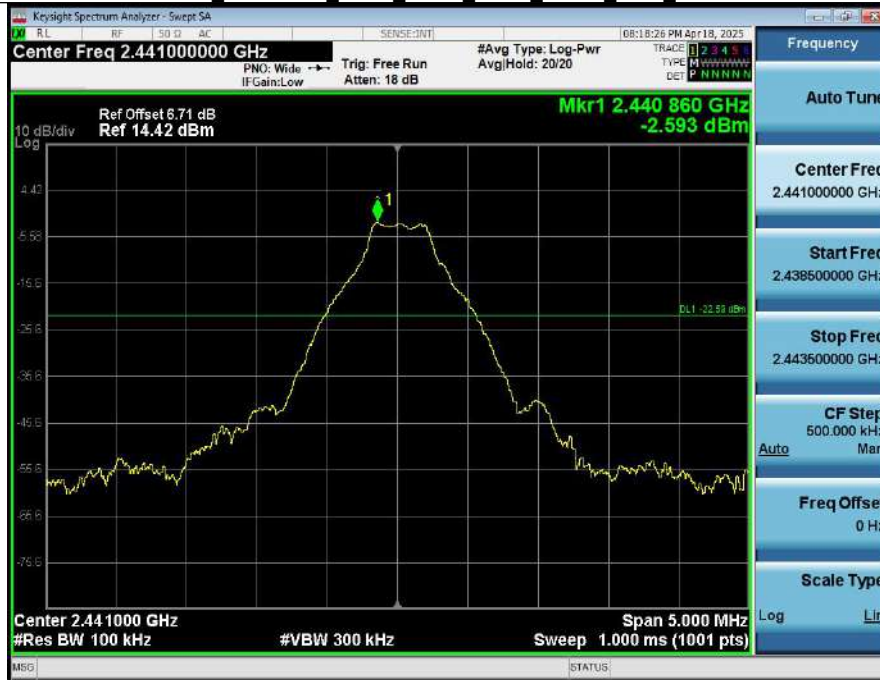
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



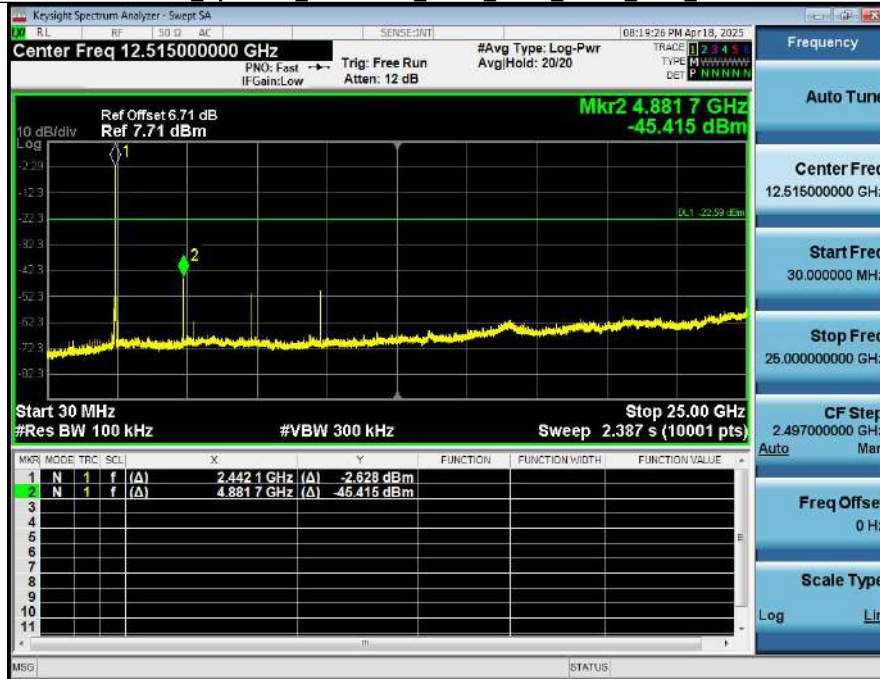
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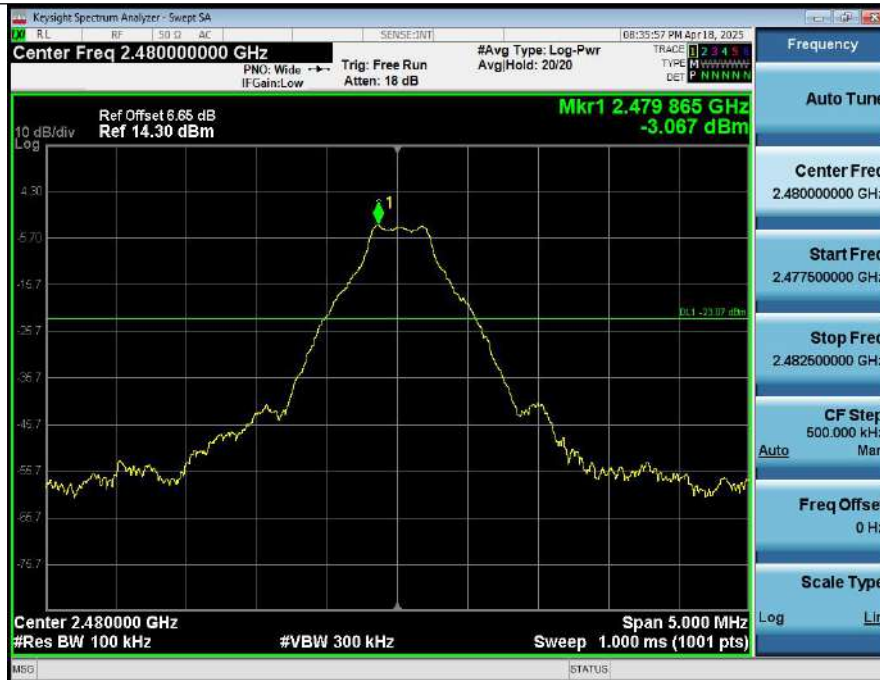
1 Reference Level NVNT ANT1 1-DH1 2441 00



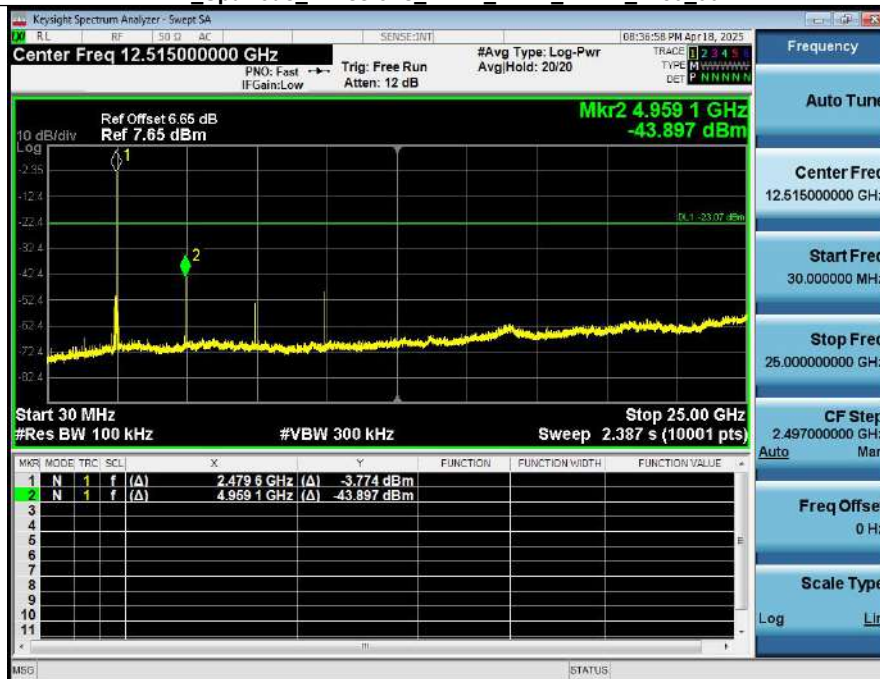
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



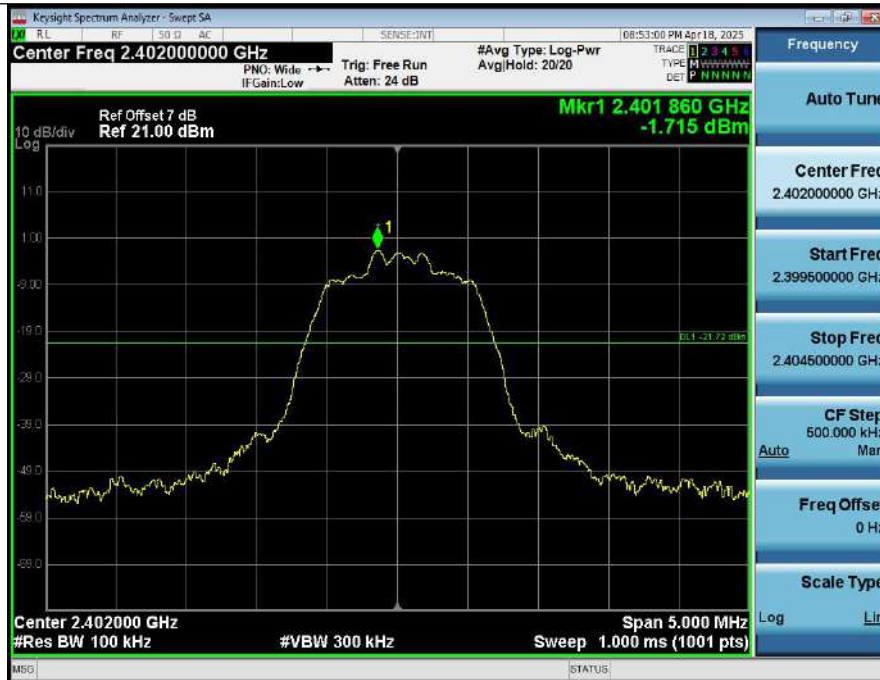
1 Reference Level NVNT ANT1 1-DH1 2480 00



2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



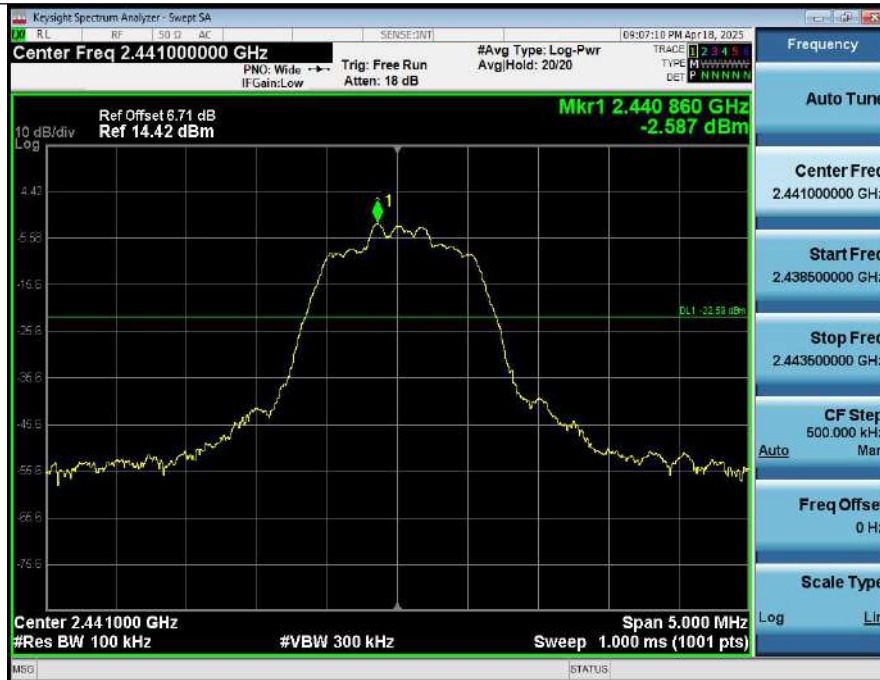
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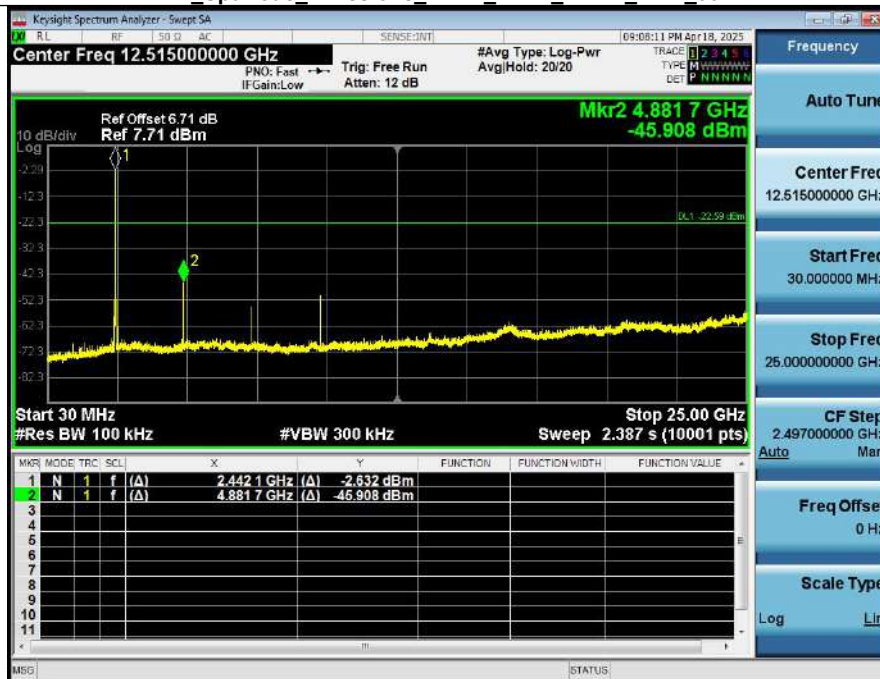
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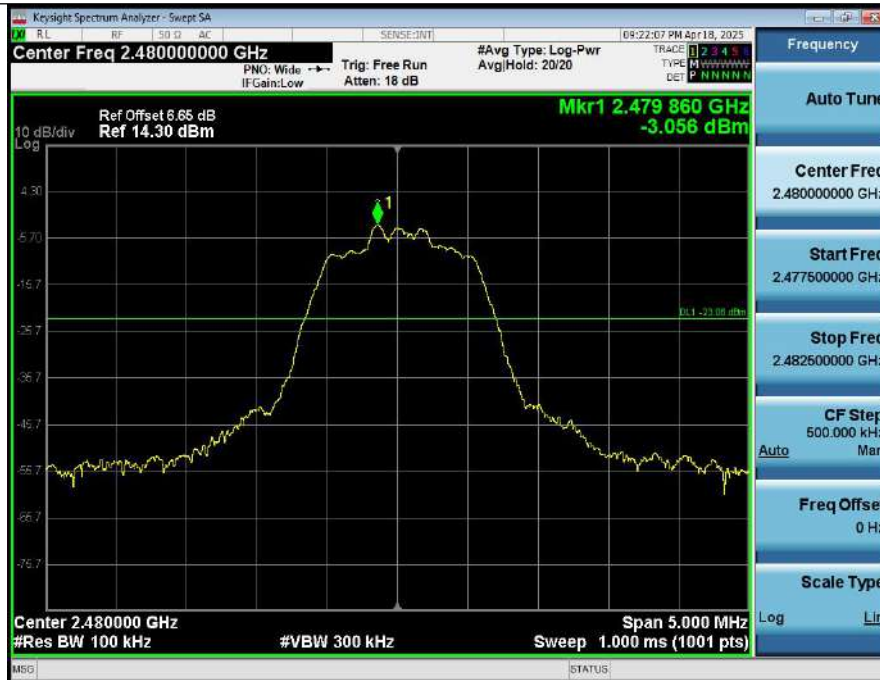
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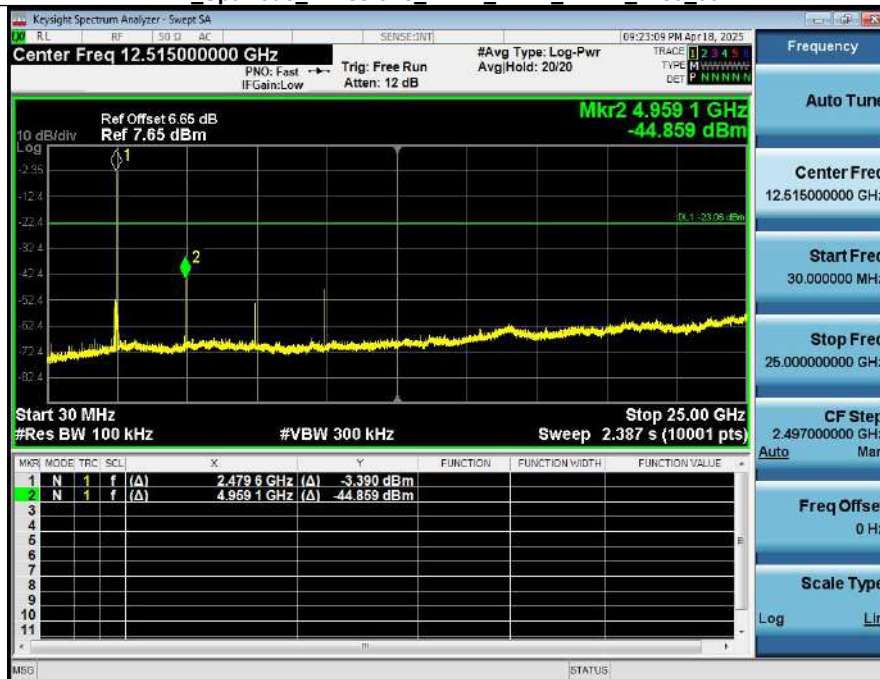
2 Spurious Emissions NVNT_ANT1_2-DH1_2441_00



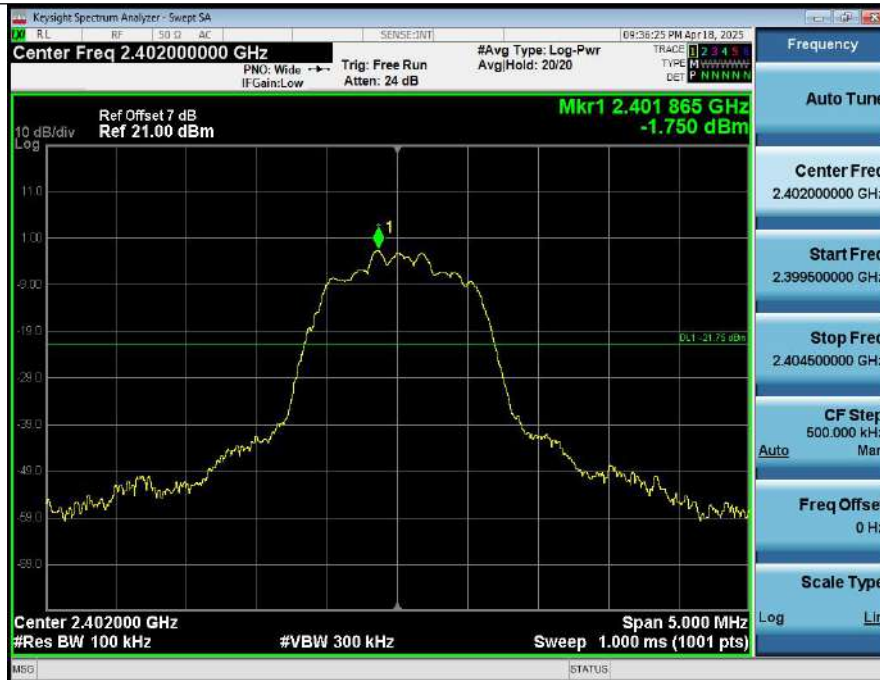
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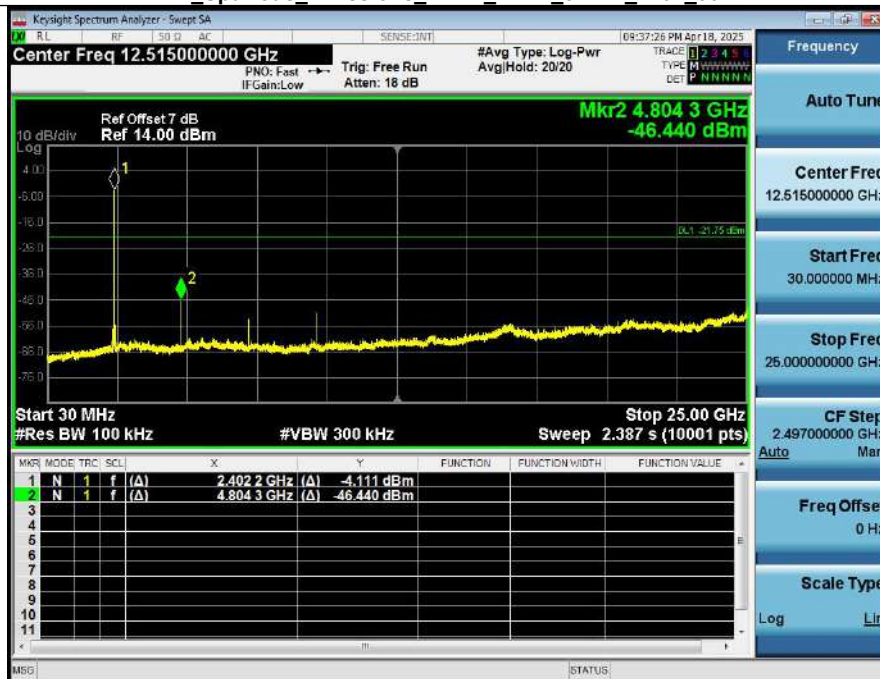
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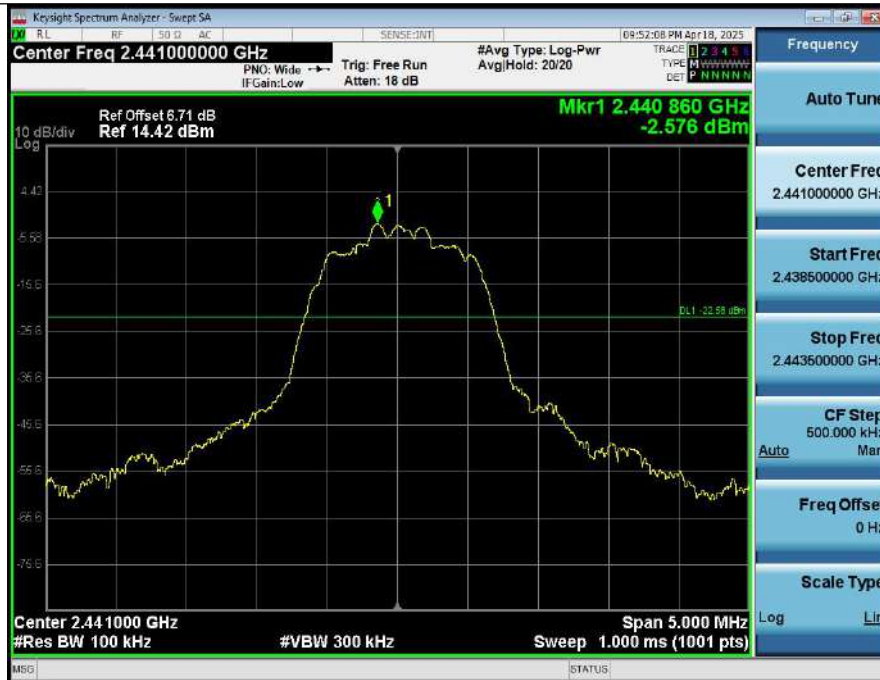
1 Reference Level NVNT_ANT1_3-DH1_2402_00



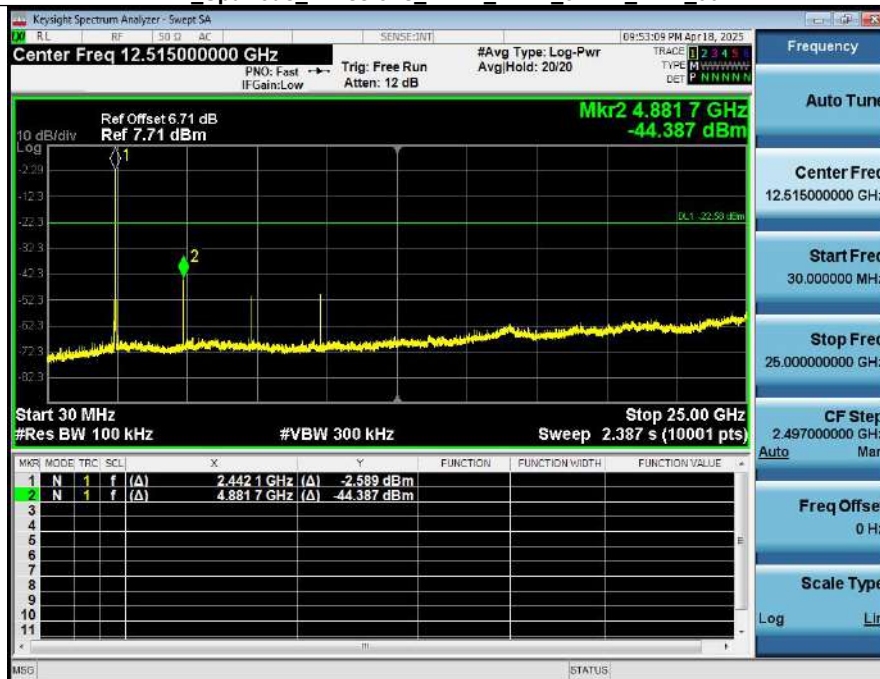
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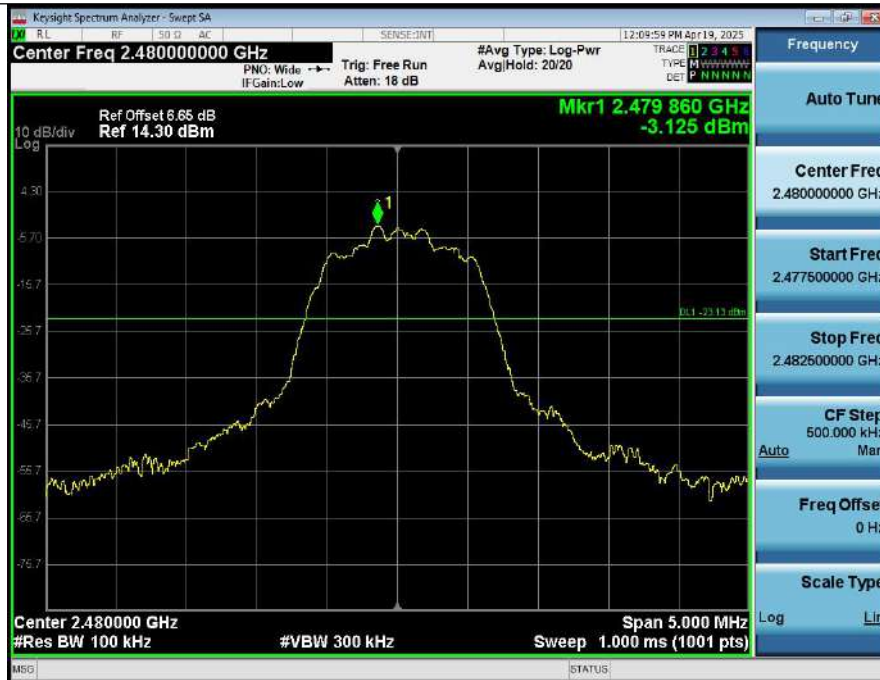
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



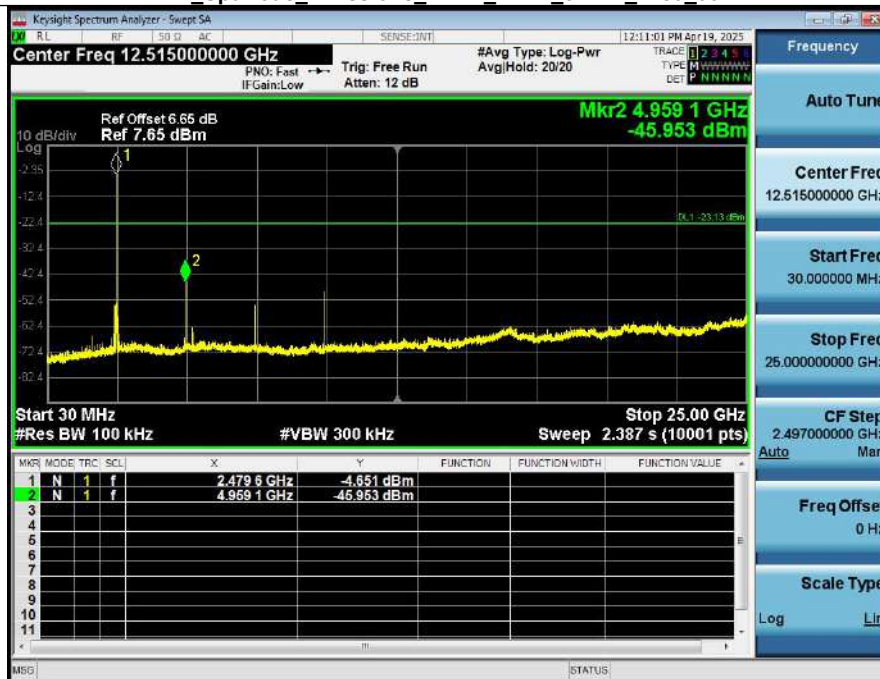
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



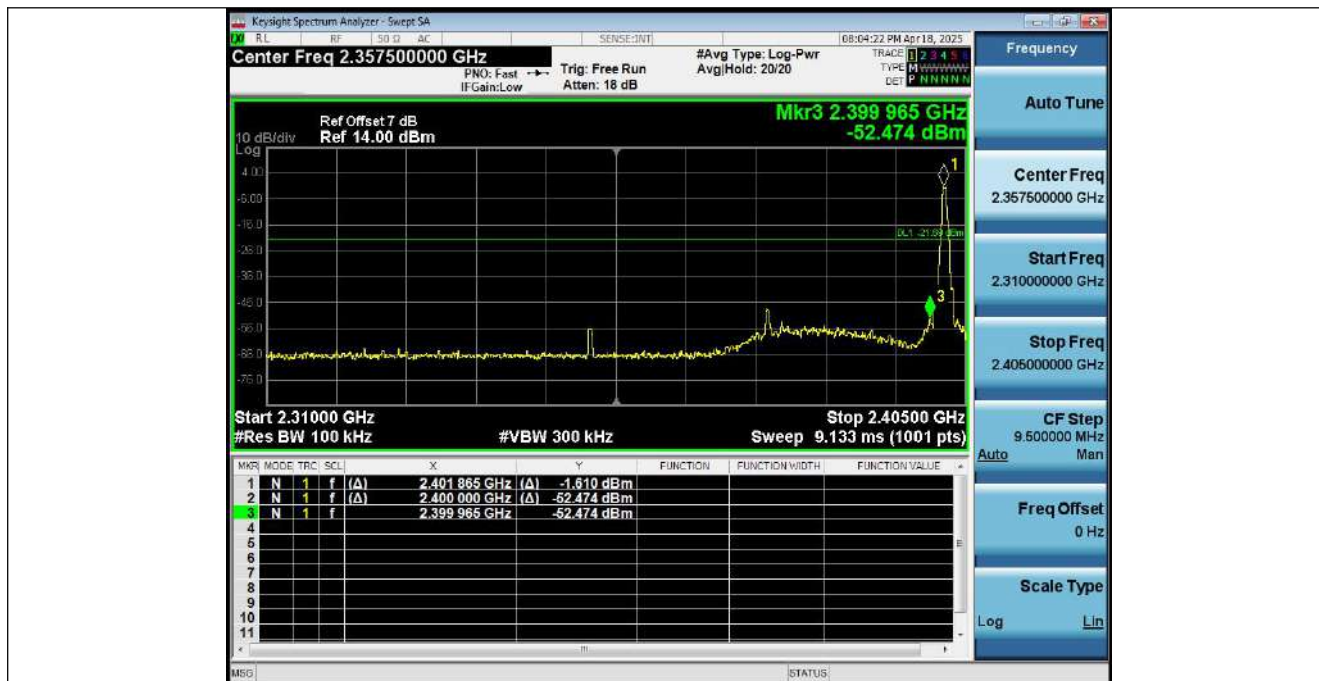
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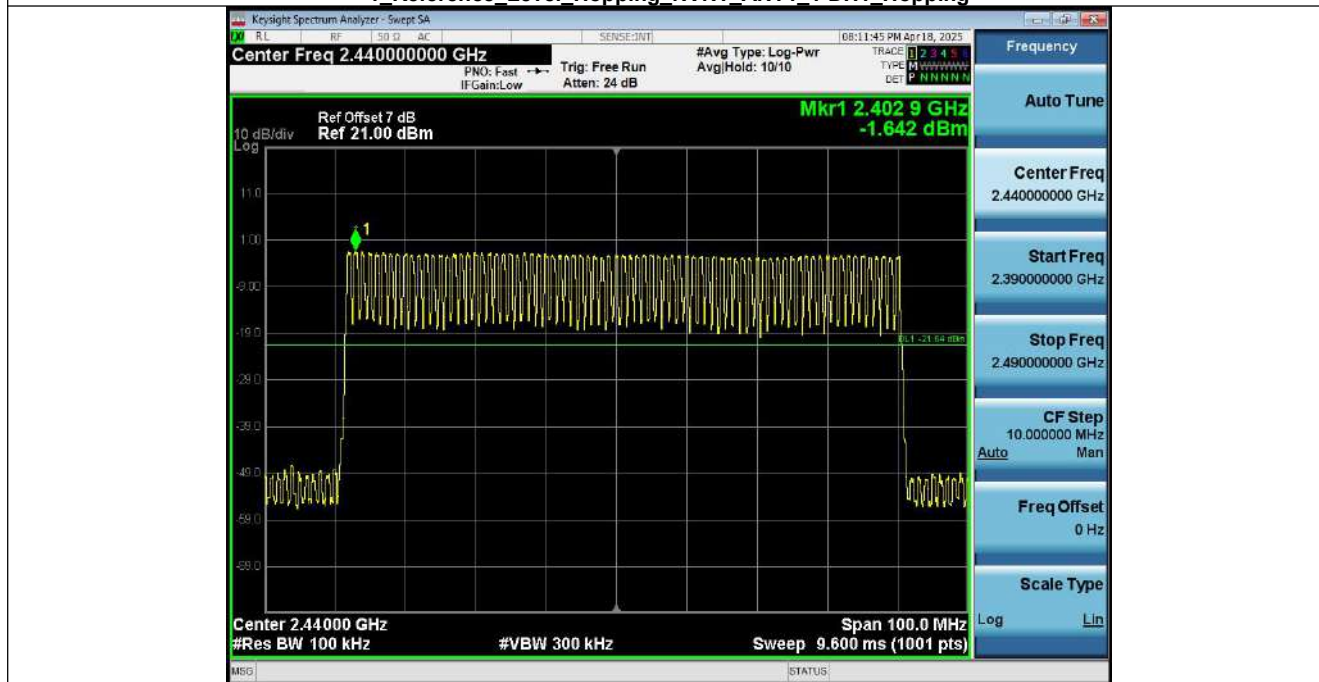
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.687	-52.474	-21.687	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-1.642	-48.161	-21.642	Pass
NVNT	ANT1	1-DH1	2480.00	-3.067	-55.737	-23.067	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-1.988	-49.842	-21.988	Pass
NVNT	ANT1	2-DH1	2402.00	-1.715	-50.957	-21.715	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-1.718	-49.621	-21.718	Pass
NVNT	ANT1	2-DH1	2480.00	-3.056	-56.935	-23.056	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-1.995	-49.791	-21.995	Pass
NVNT	ANT1	3-DH1	2402.00	-1.750	-52.839	-21.750	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-1.673	-49.825	-21.673	Pass
NVNT	ANT1	3-DH1	2480.00	-3.125	-56.342	-23.125	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-1.995	-49.862	-21.995	Pass

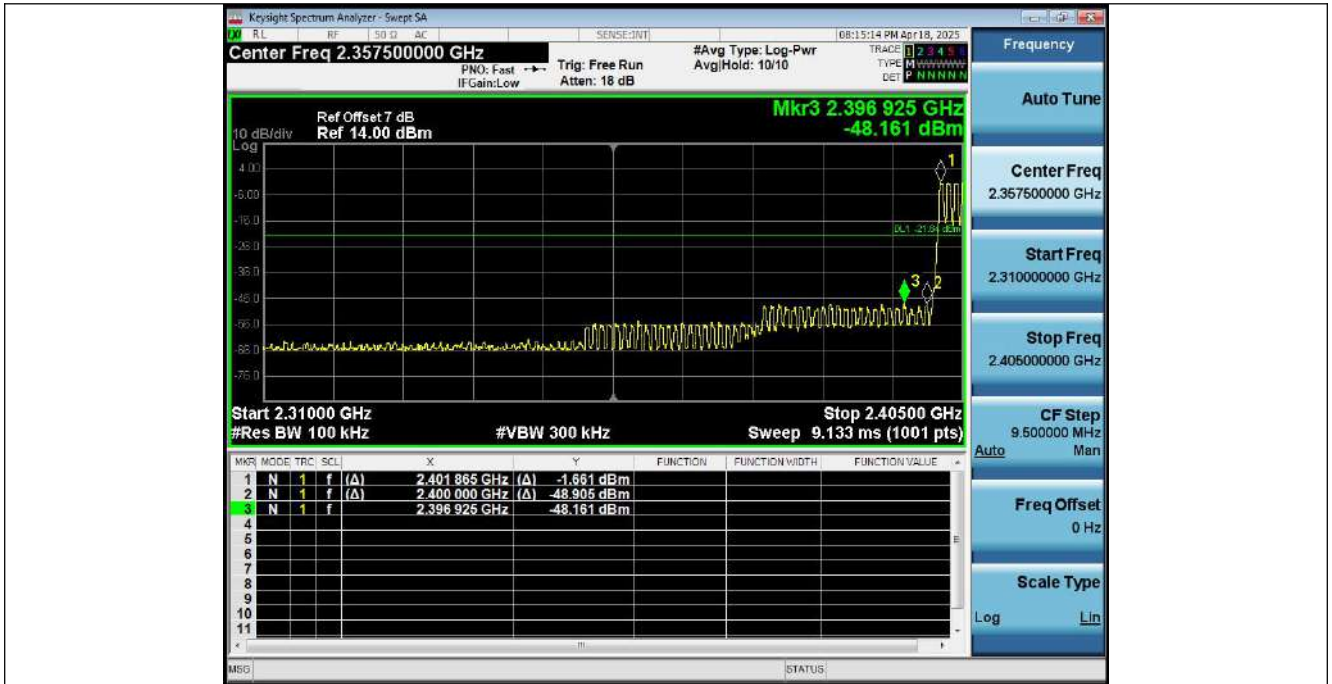




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



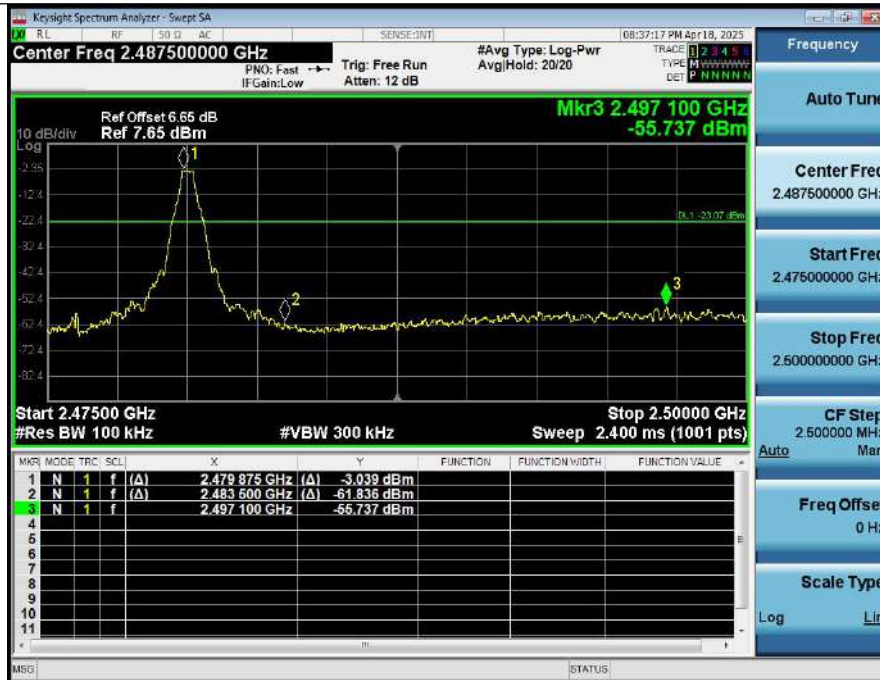
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



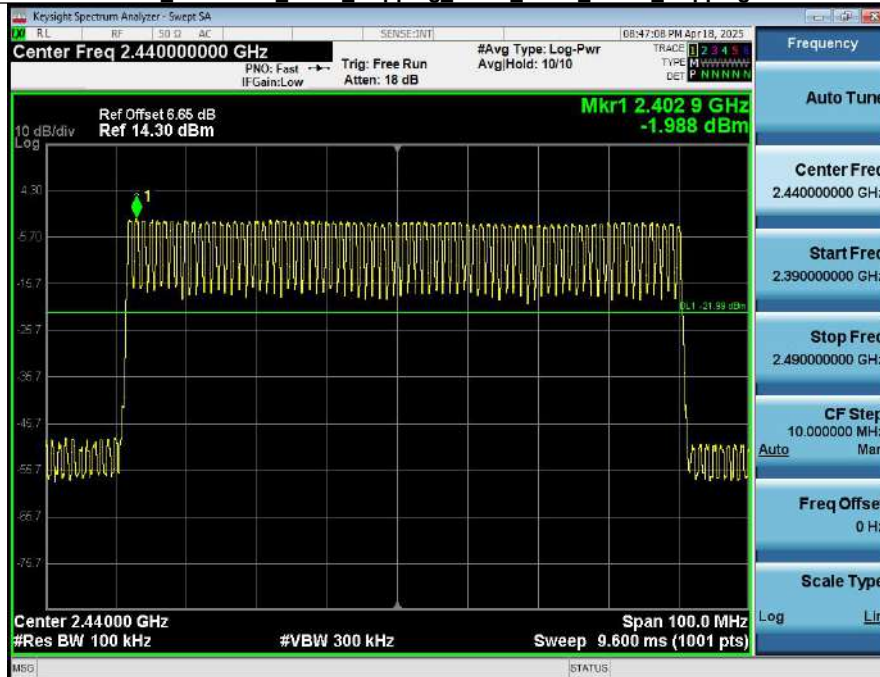
1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



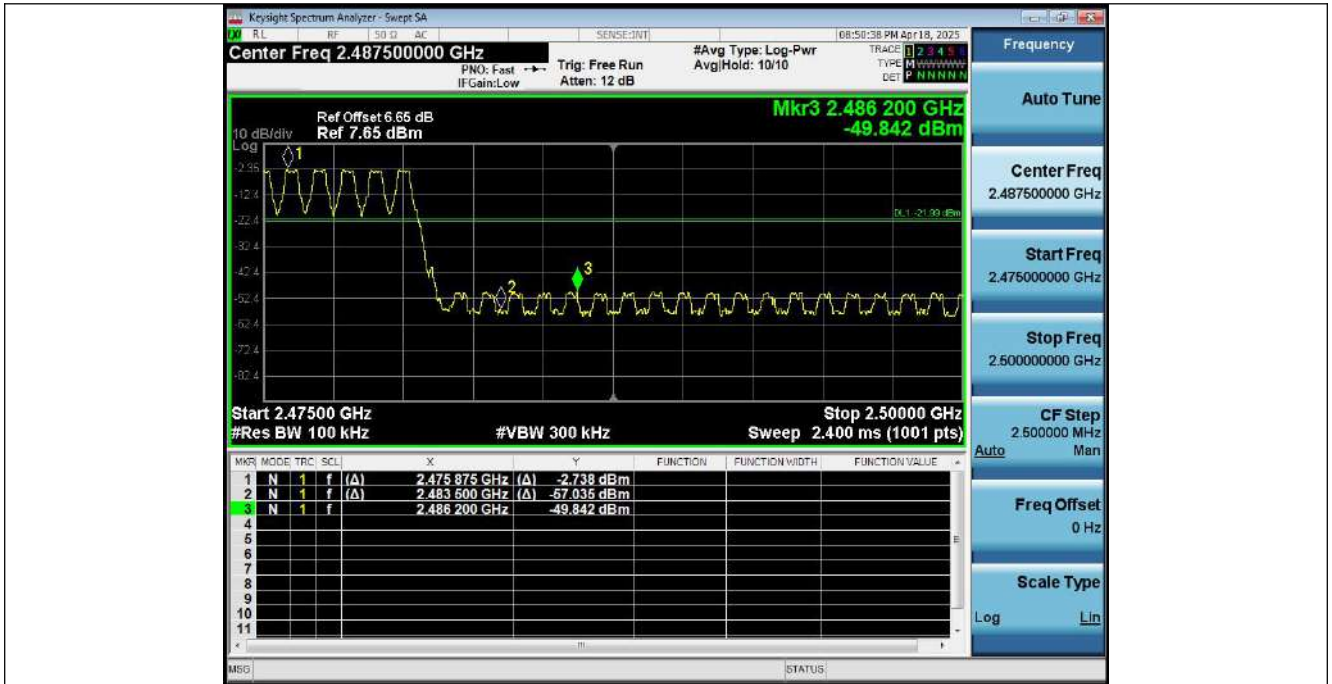
2 Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



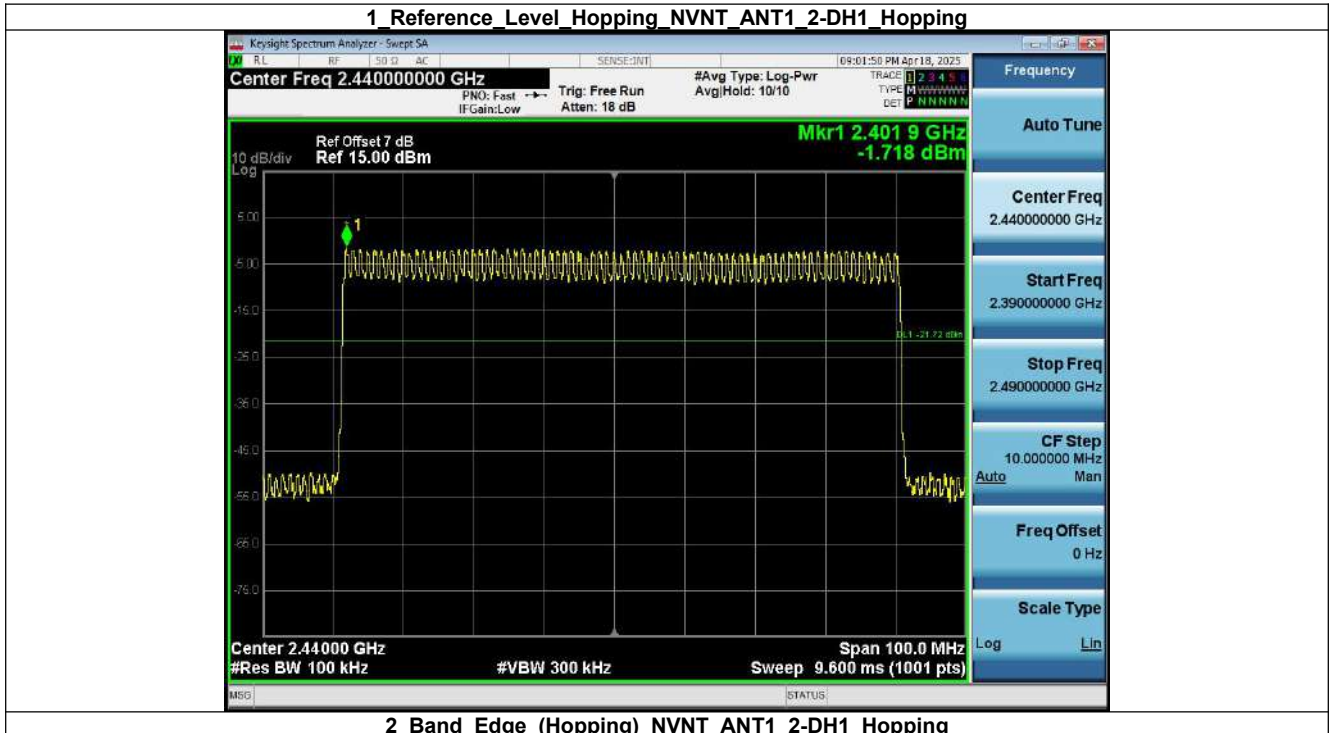
1 Reference Level NVNT ANT1 2-DH1 2402_00



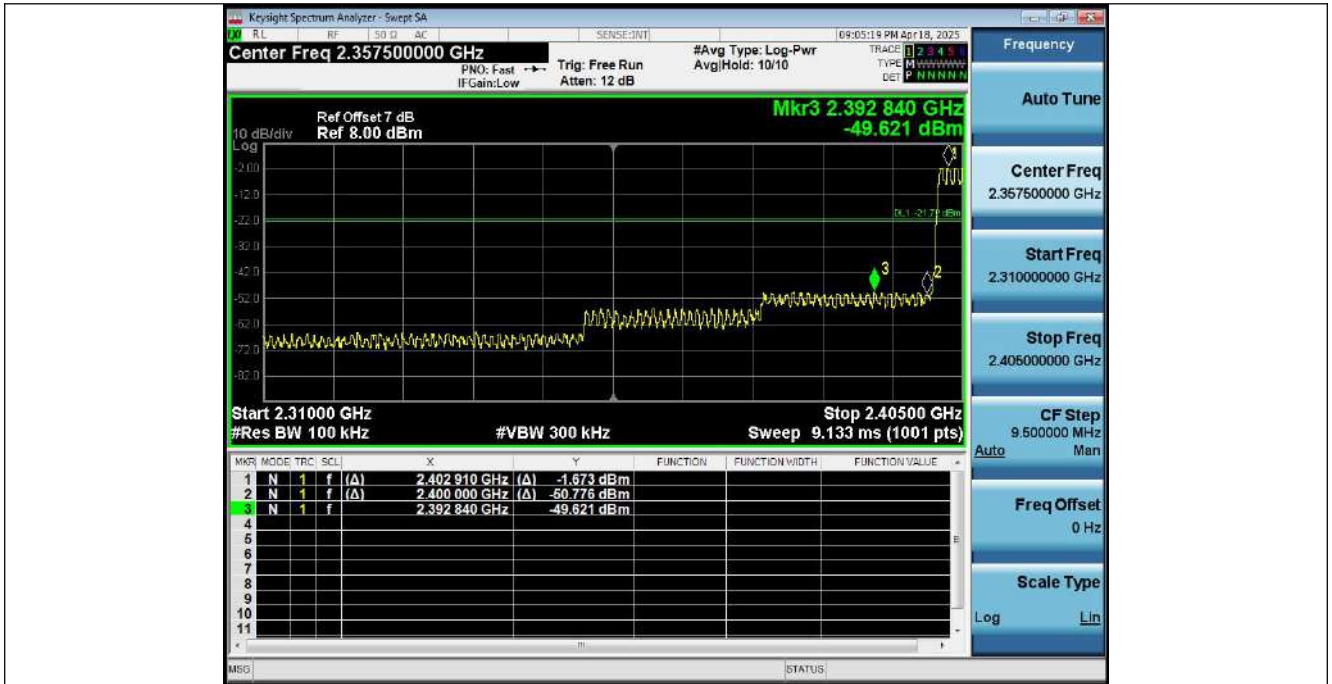
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



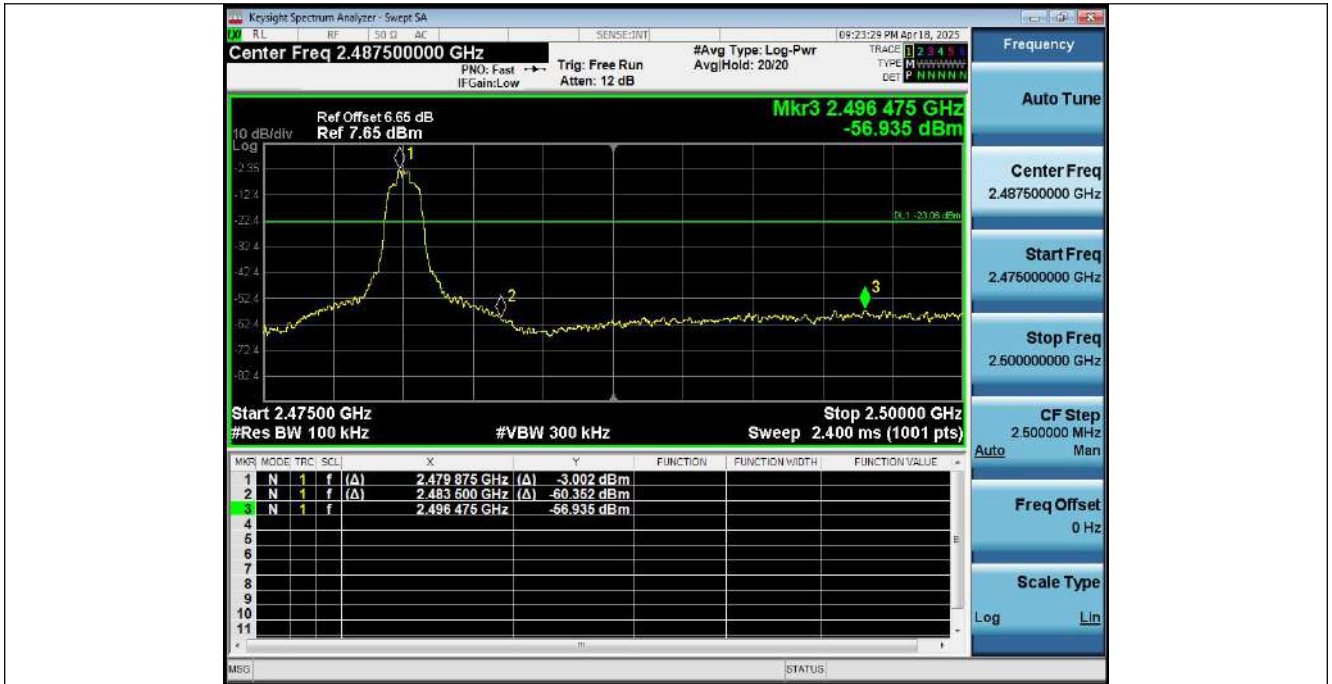
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



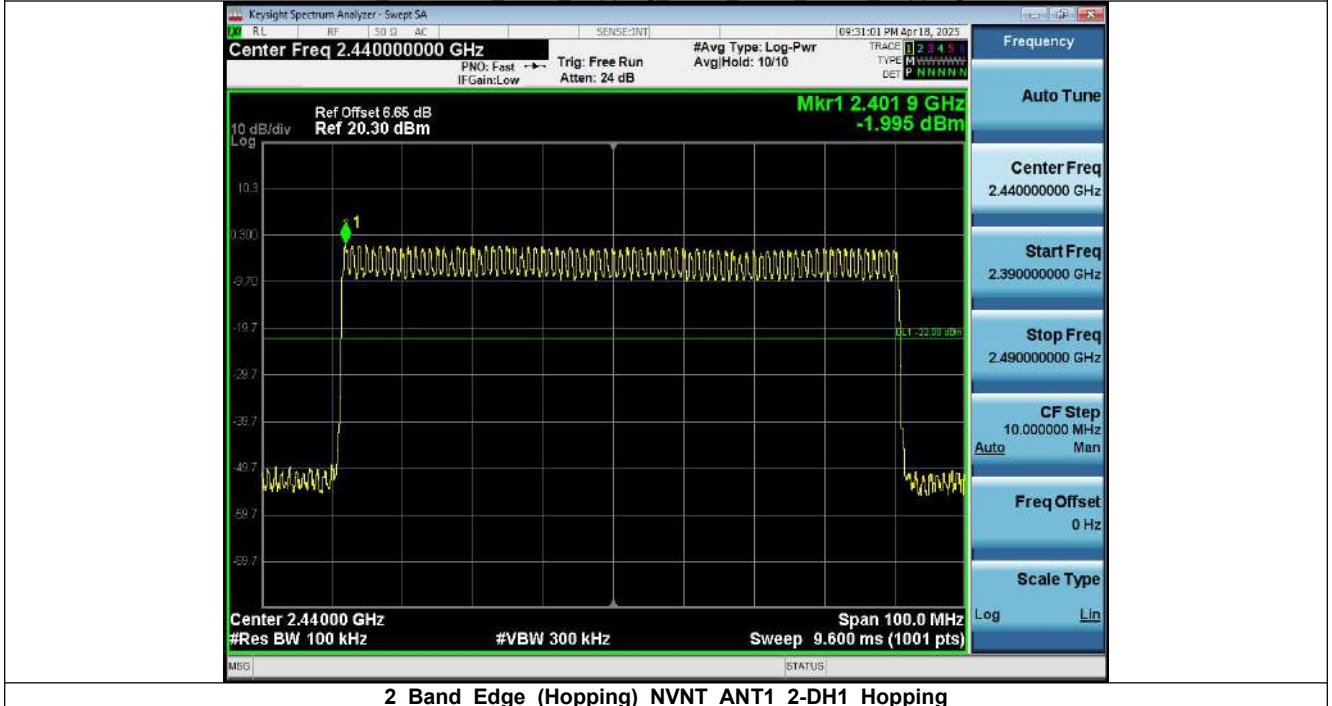
1 Reference Level NVNT ANT1 2-DH1 2480 00



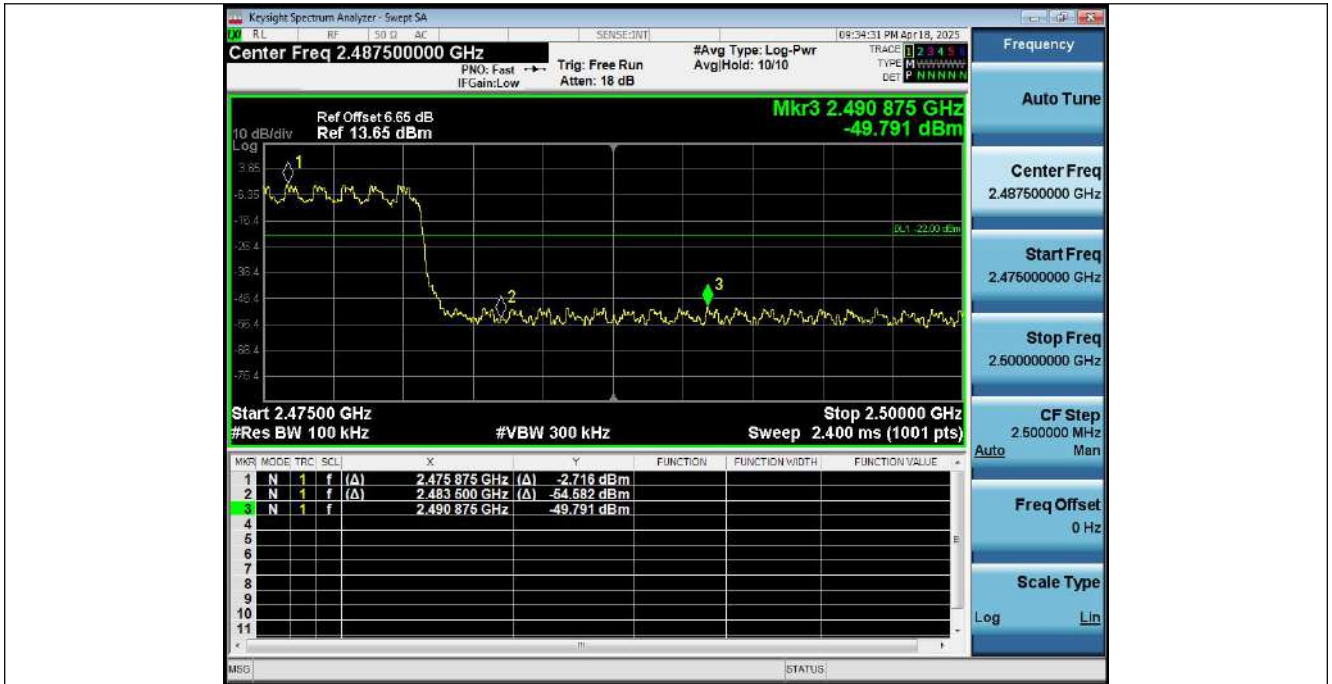
2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



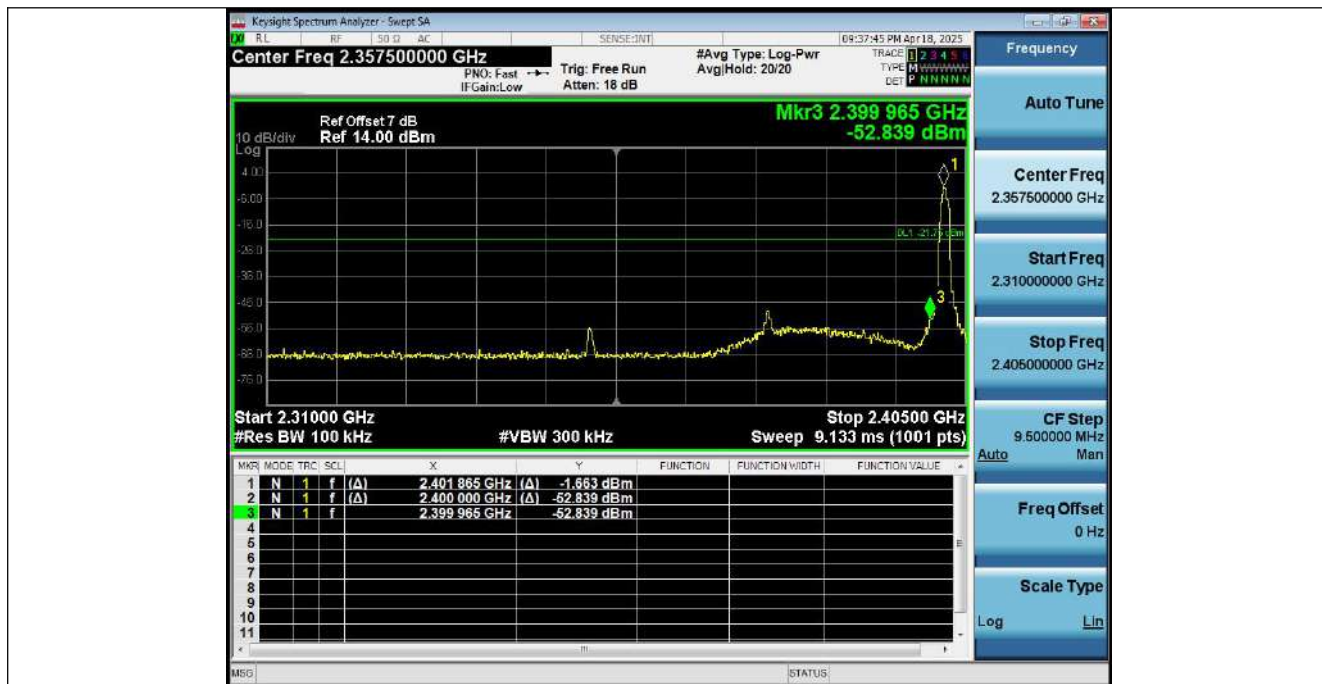
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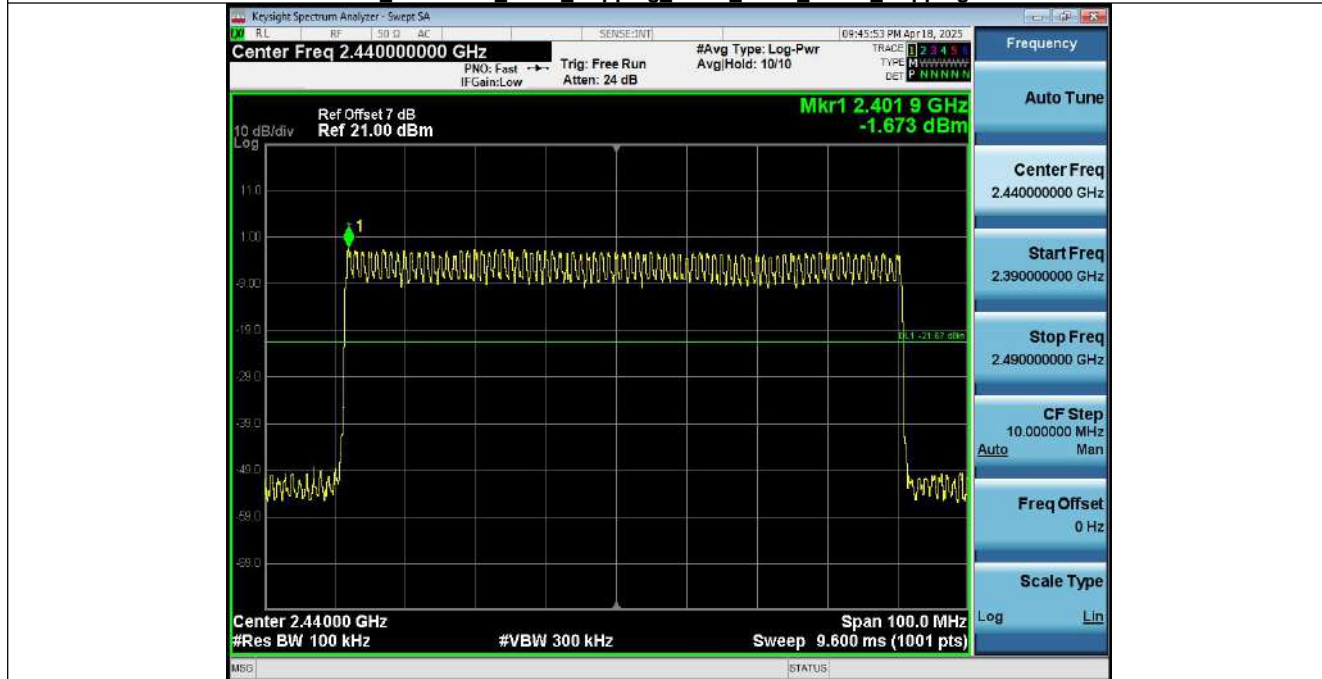
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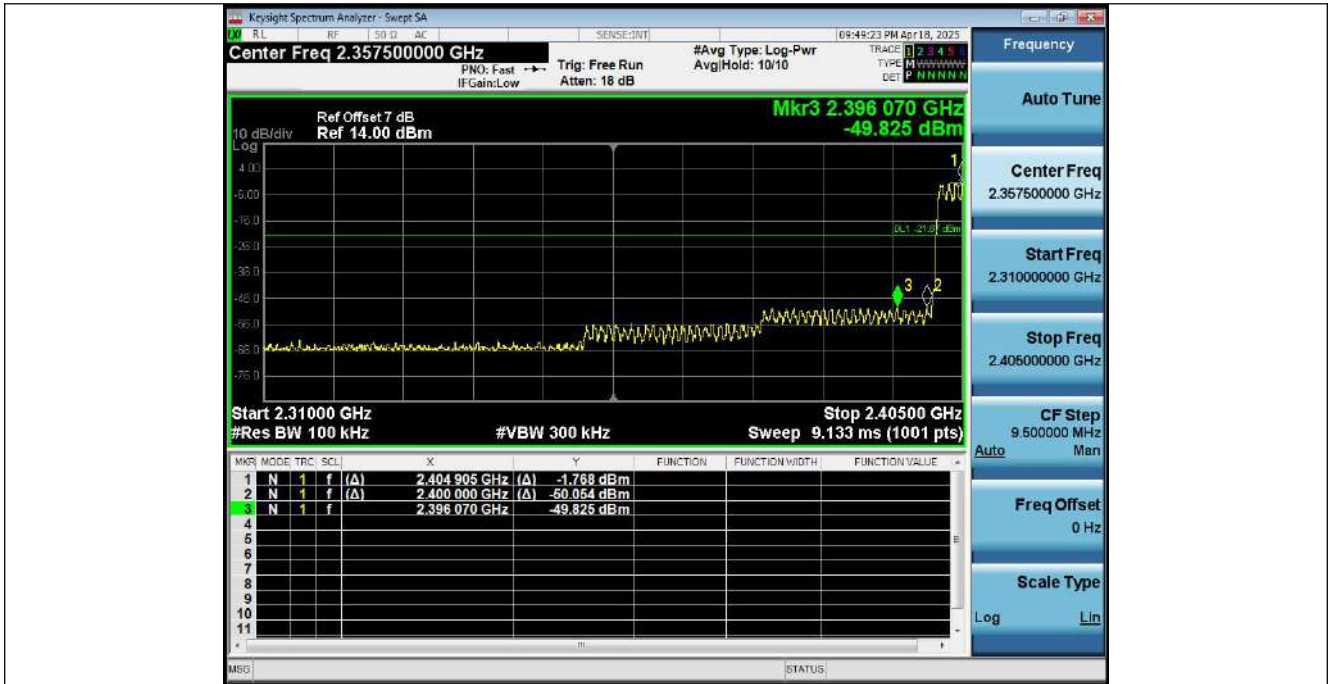
2 Bandedge NVNT ANT1 3-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



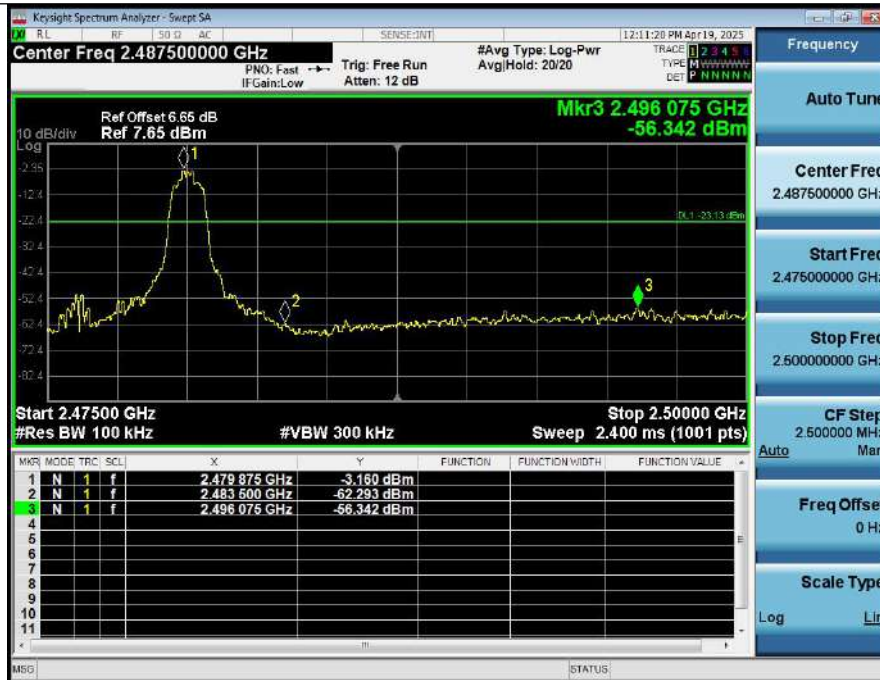
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



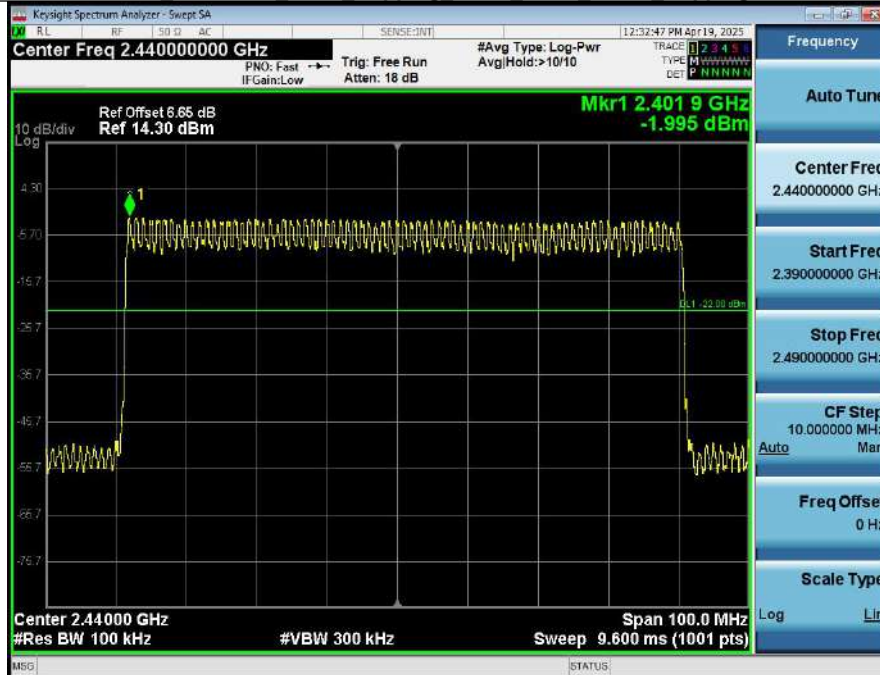
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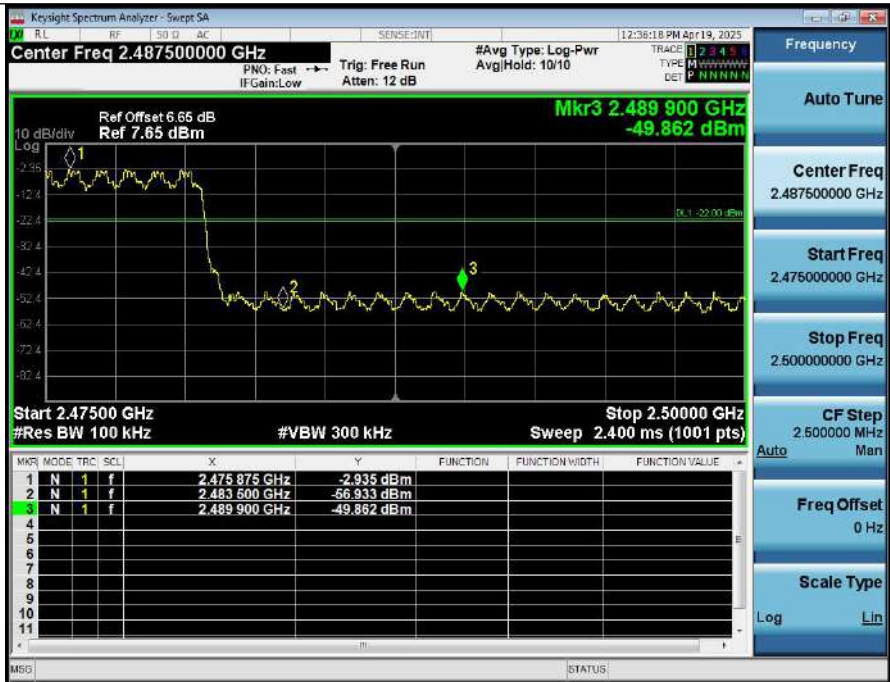
2 Bandedge NVNT ANT1 3-DH1 2480 00



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	2401.858	2402.860	1.002	0.872	Pass
NVNT	ANT1	1-DH1	2441.00	2440.858	2441.857	0.999	0.871	Pass
NVNT	ANT1	1-DH1	2480.00	2478.861	2479.857	0.996	0.877	Pass
NVNT	ANT1	2-DH1	2402.00	2401.858	2402.860	1.002	0.851	Pass
NVNT	ANT1	2-DH1	2441.00	2440.867	2441.866	0.999	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.864	2479.863	0.999	0.849	Pass
NVNT	ANT1	3-DH1	2402.00	2401.861	2402.869	1.008	0.834	Pass
NVNT	ANT1	3-DH1	2441.00	2440.864	2441.866	1.002	0.829	Pass
NVNT	ANT1	3-DH1	2480.00	2478.867	2479.860	0.993	0.827	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

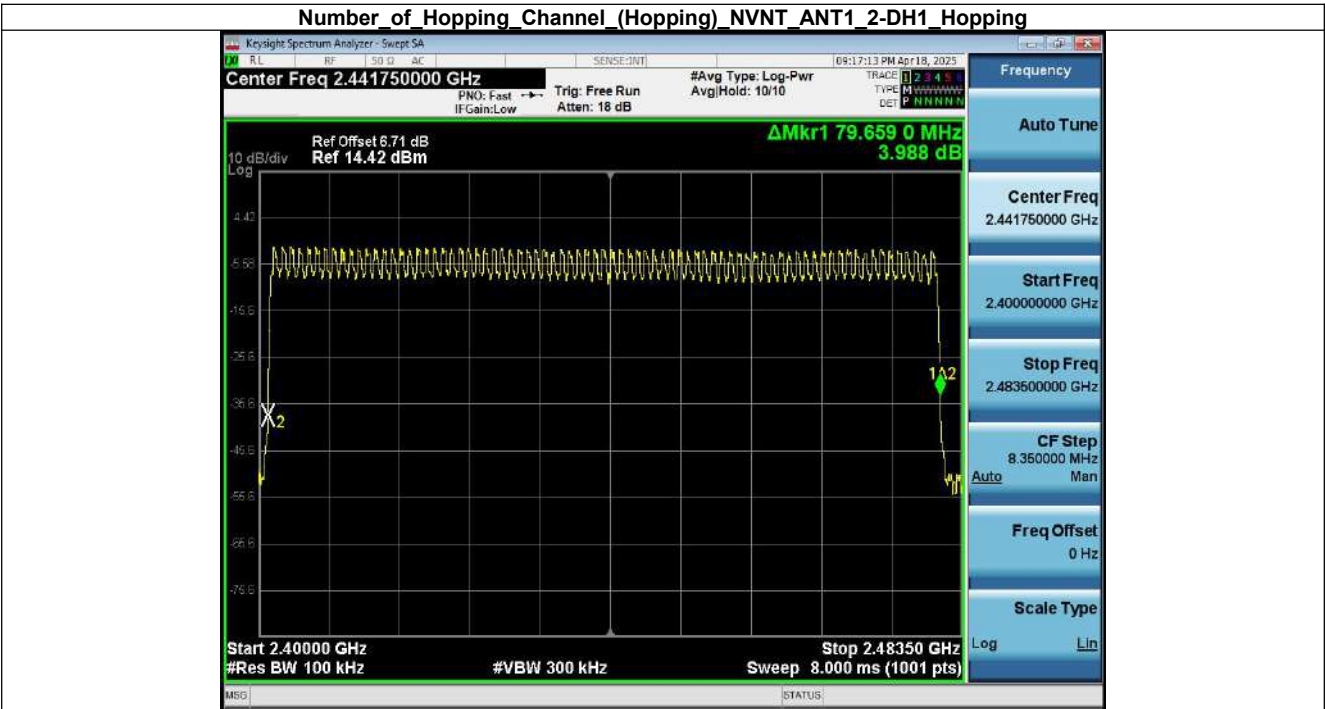
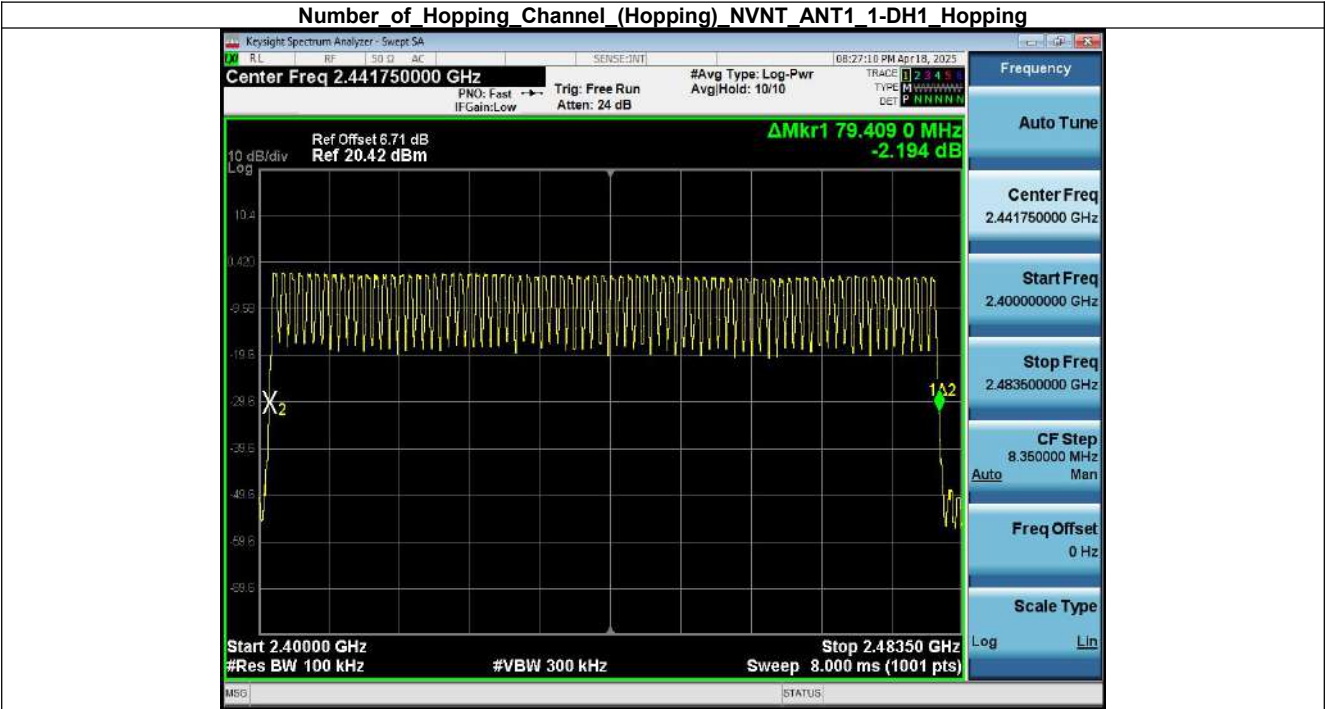


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

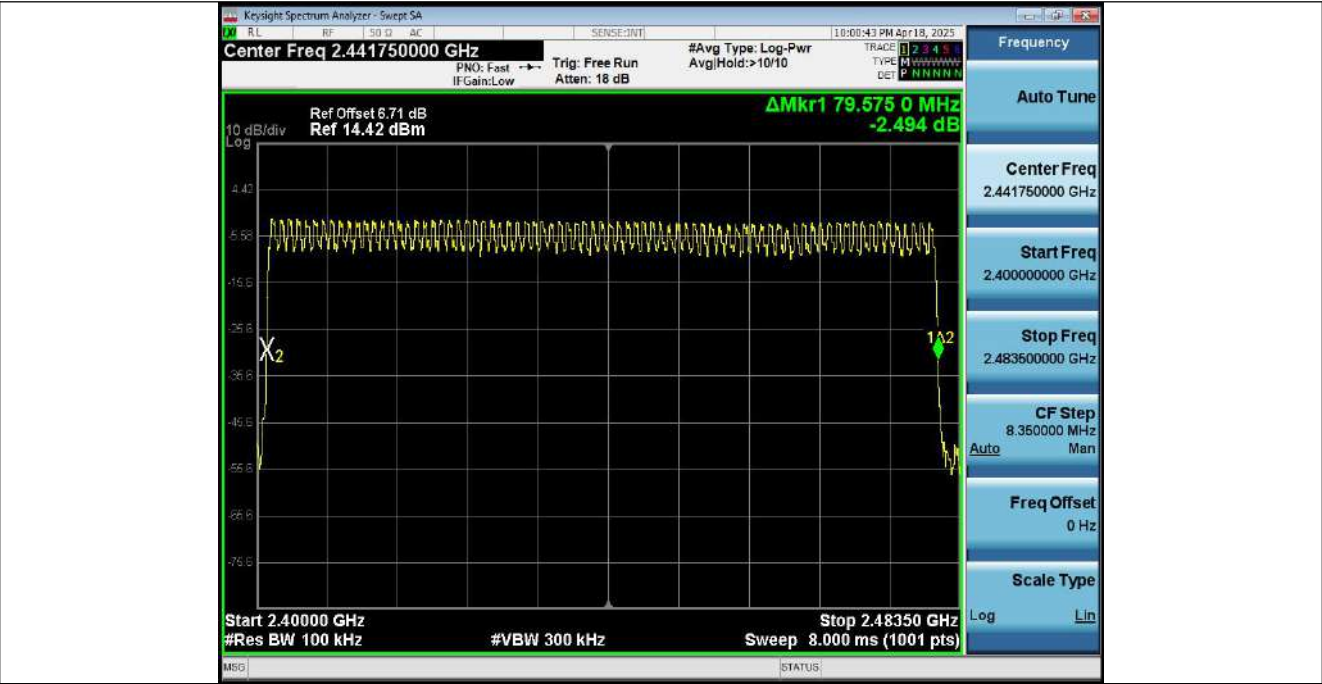


7. Number of Hopping Channel (Hopping)

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



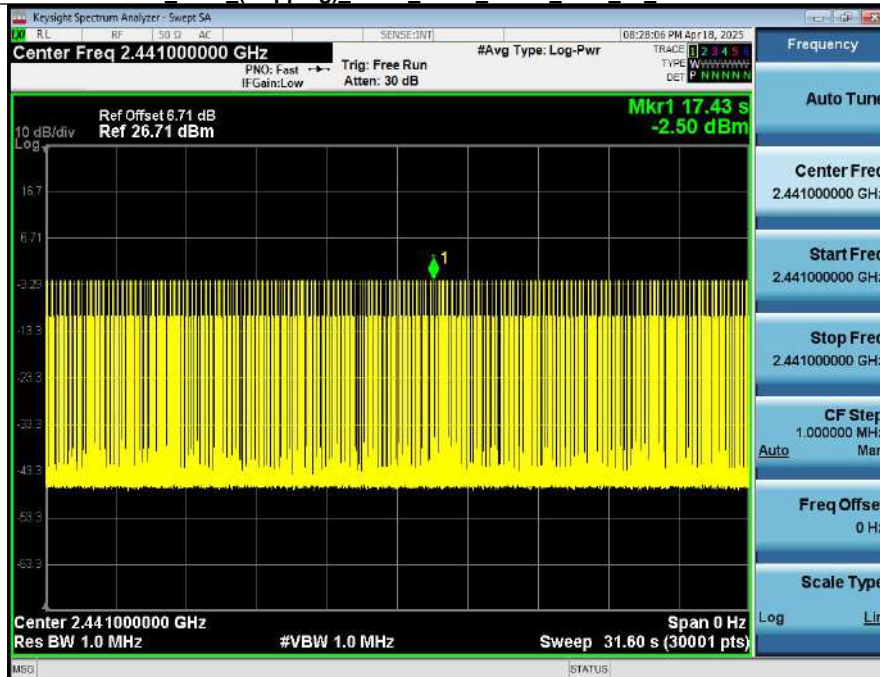
8. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	318.00	124.020	0.40	Pass
NVNT	ANT1	2-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH5	1.640	151.00	247.640	0.40	Pass
NVNT	ANT1	1-DH5	2.890	99.00	286.110	0.40	Pass
NVNT	ANT1	2-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	2-DH5	2.900	99.00	287.100	0.40	Pass
NVNT	ANT1	3-DH3	1.640	156.00	255.840	0.40	Pass
NVNT	ANT1	3-DH5	2.890	103.00	297.670	0.40	Pass

Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 One Burst Time



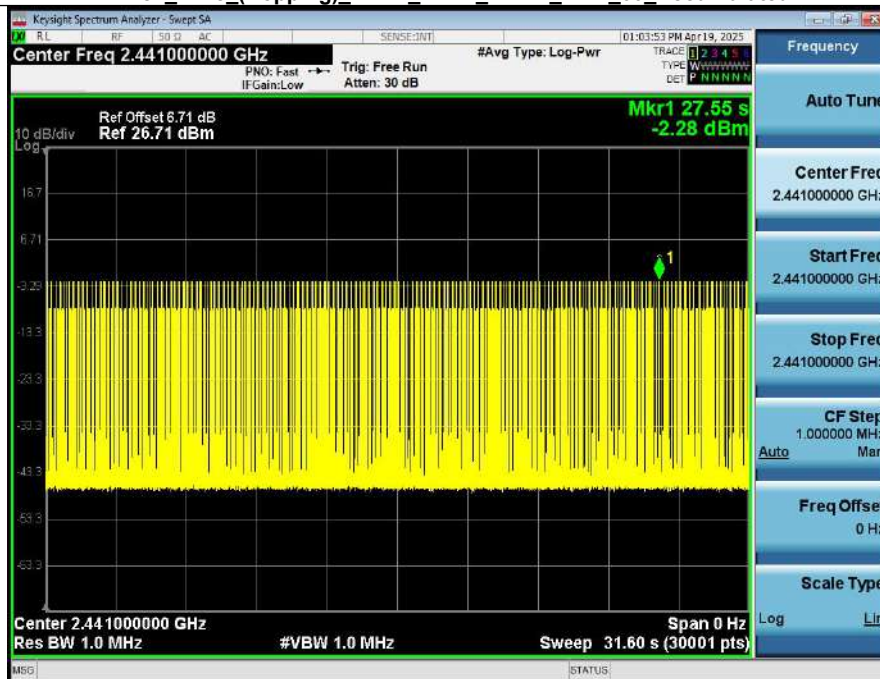
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



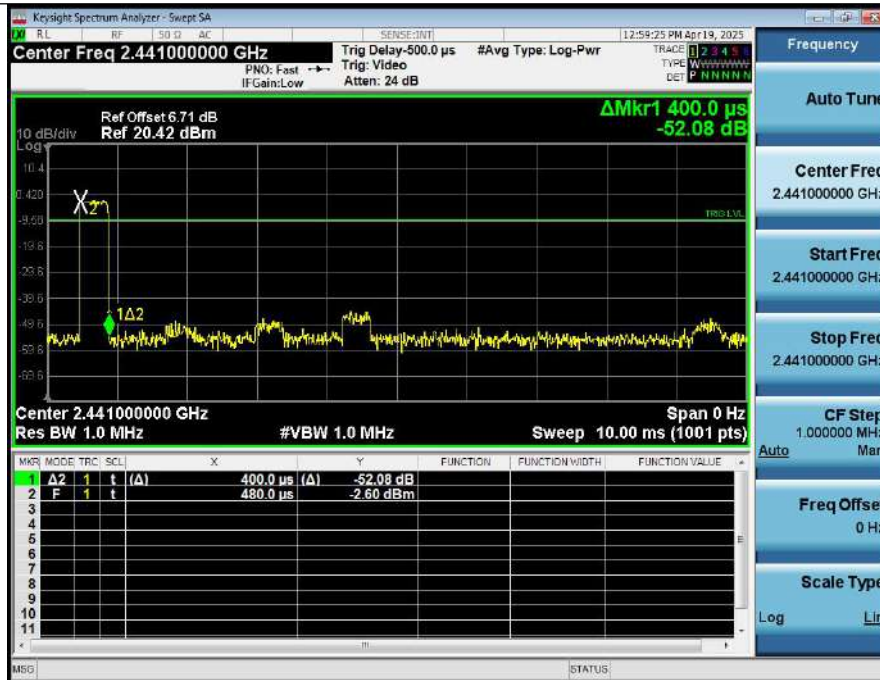
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



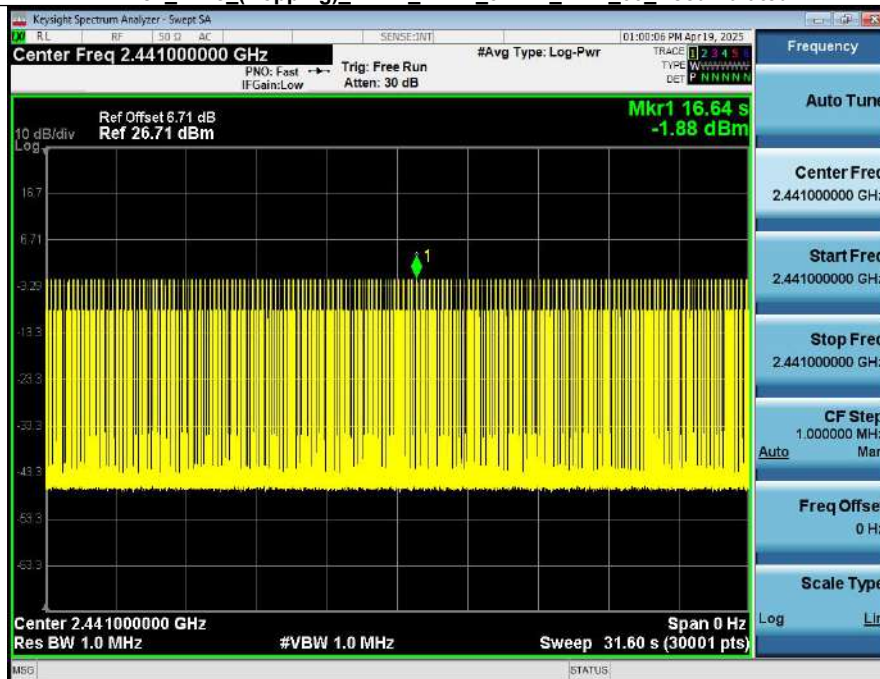
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



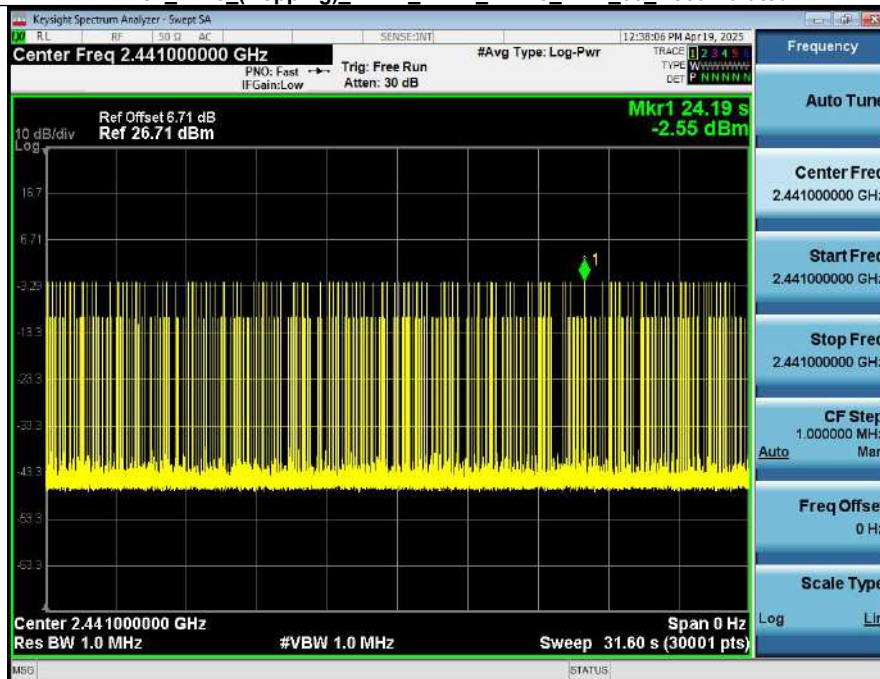
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Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



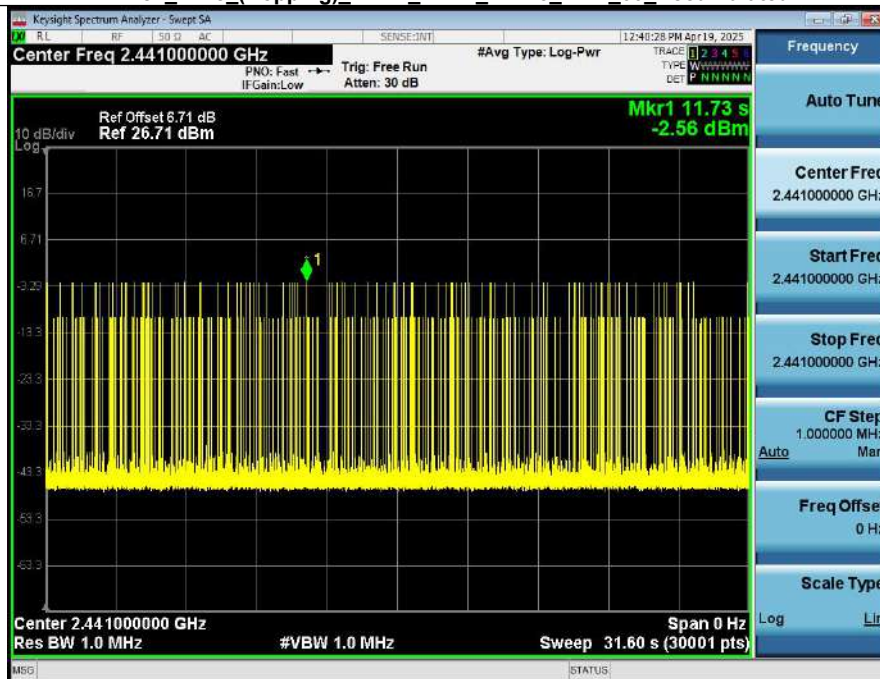
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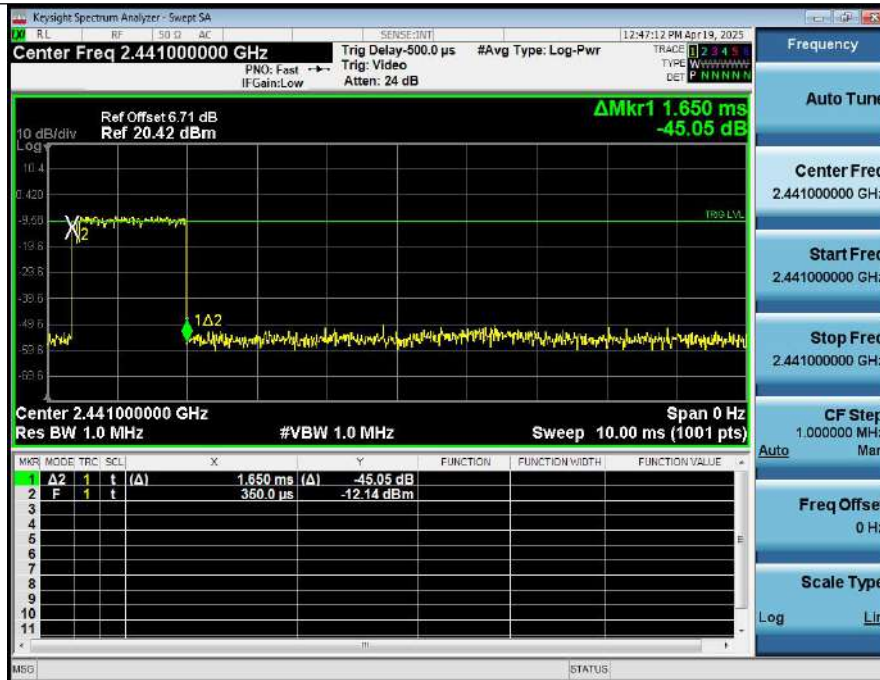
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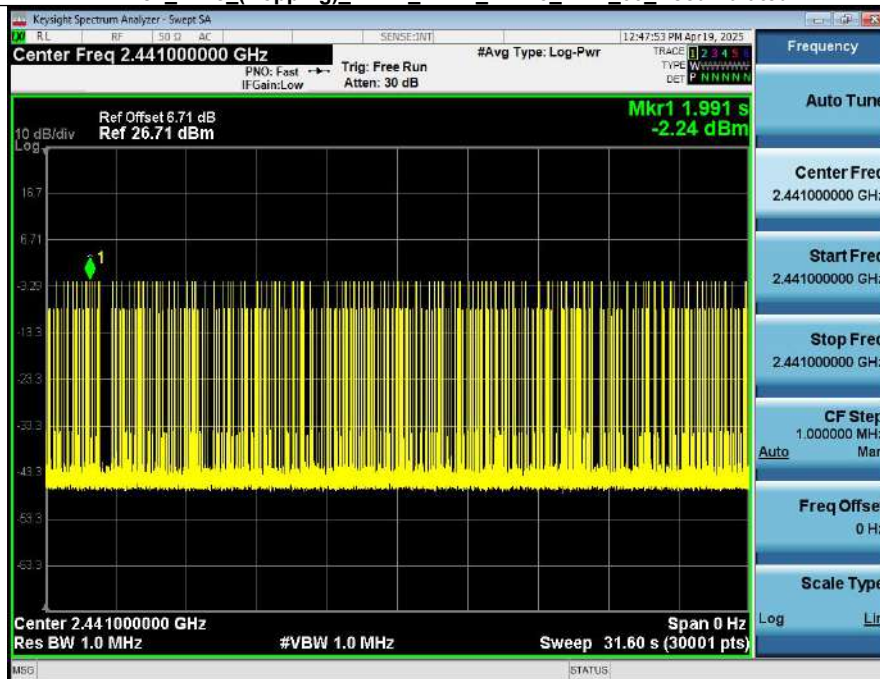
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



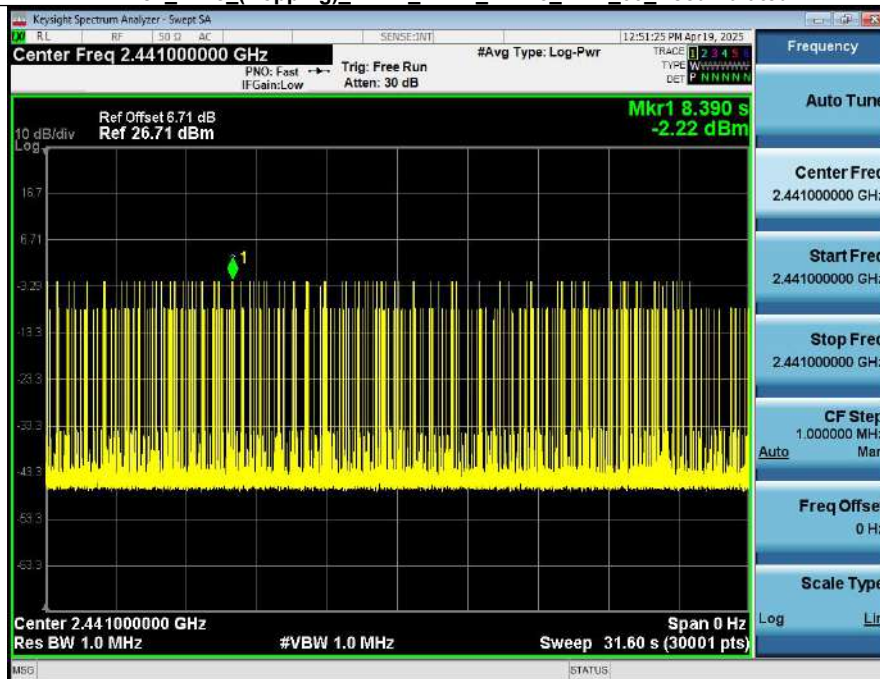
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



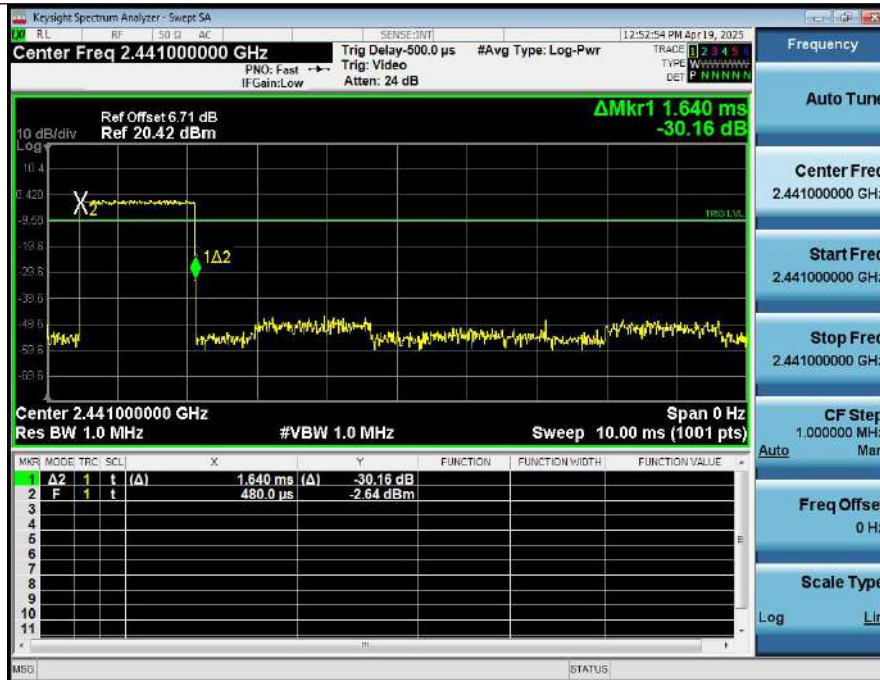
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



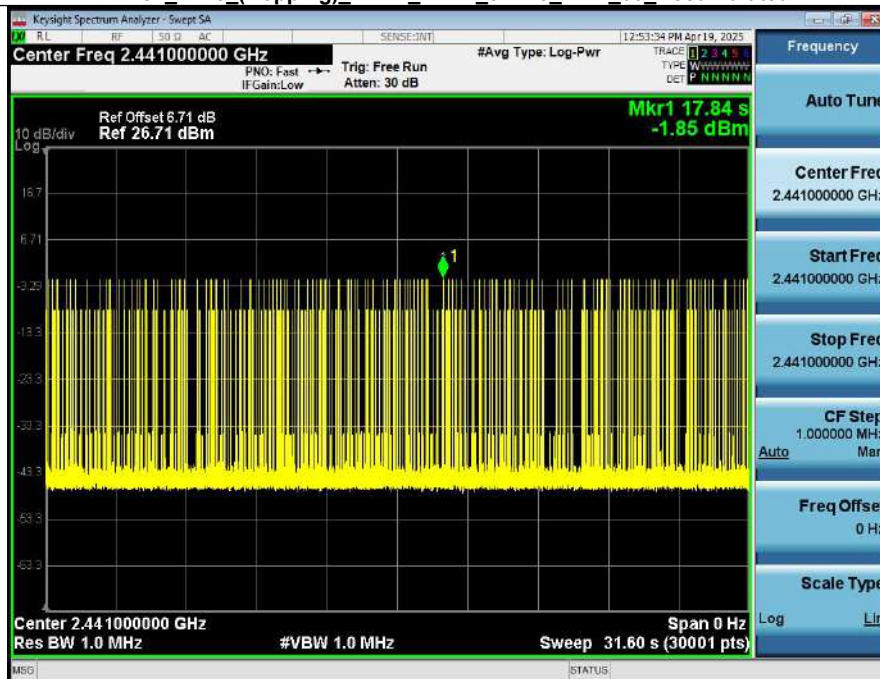
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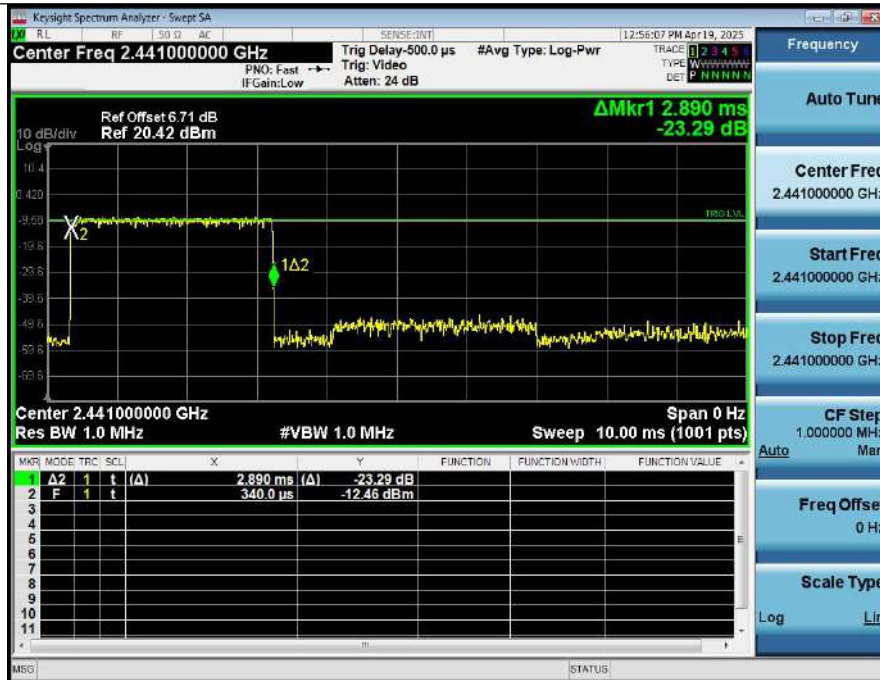
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

