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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

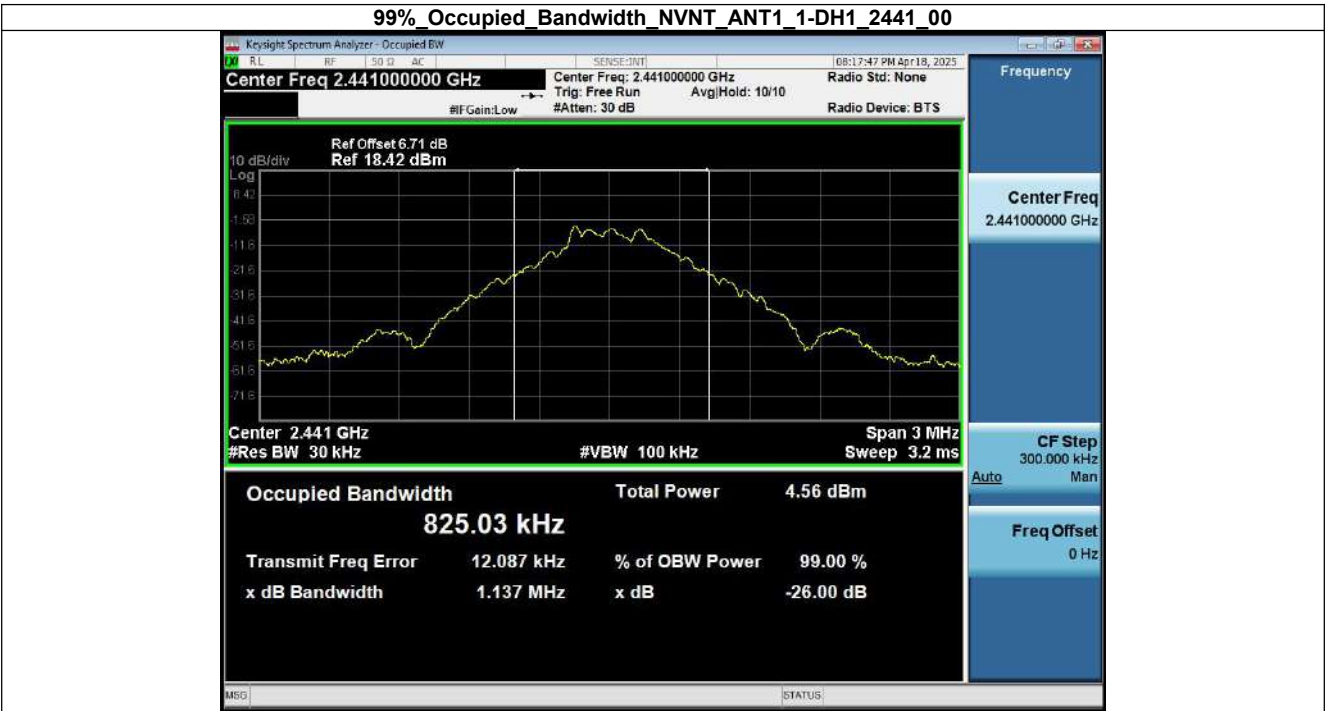


-20dB Bandwidth NVNT_ANT1 3-DH1 2480_00



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



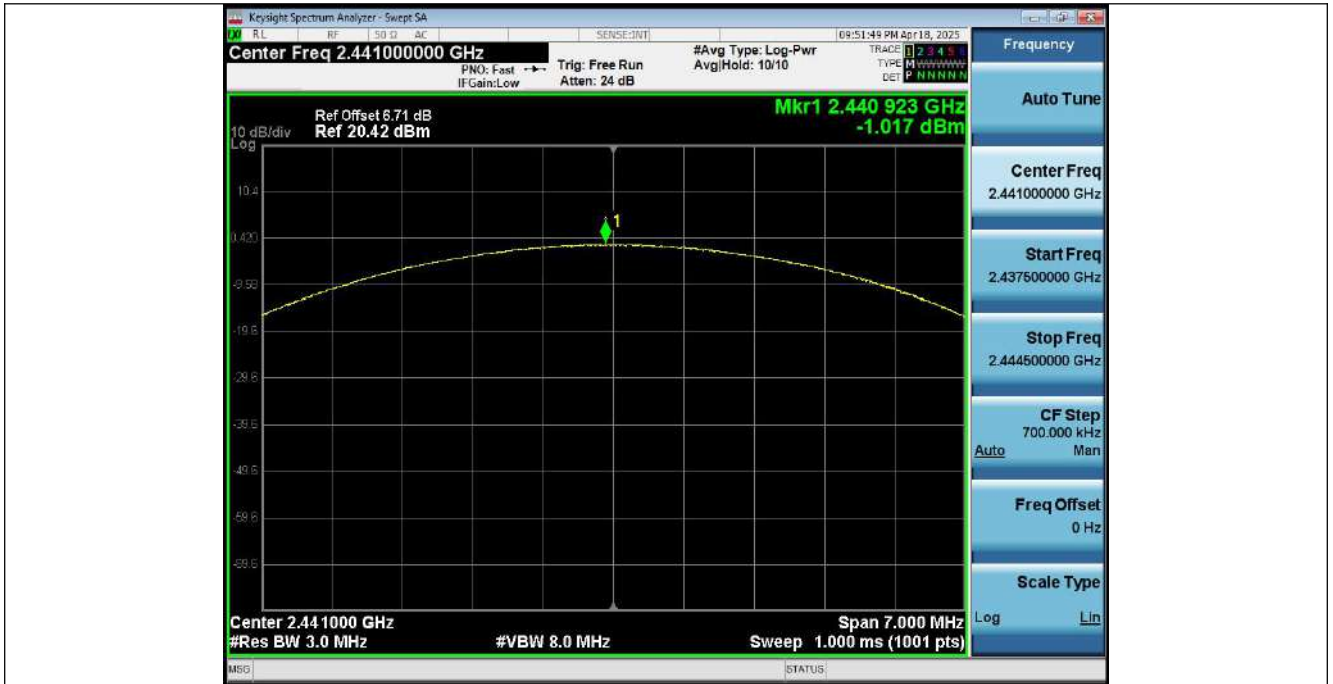
Peak Output Power NVNT_ANT1_2-DH1_2480_00



Peak Output Power NVNT_ANT1_3-DH1_2402_00



Peak Output Power NVNT_ANT1_3-DH1_2441_00



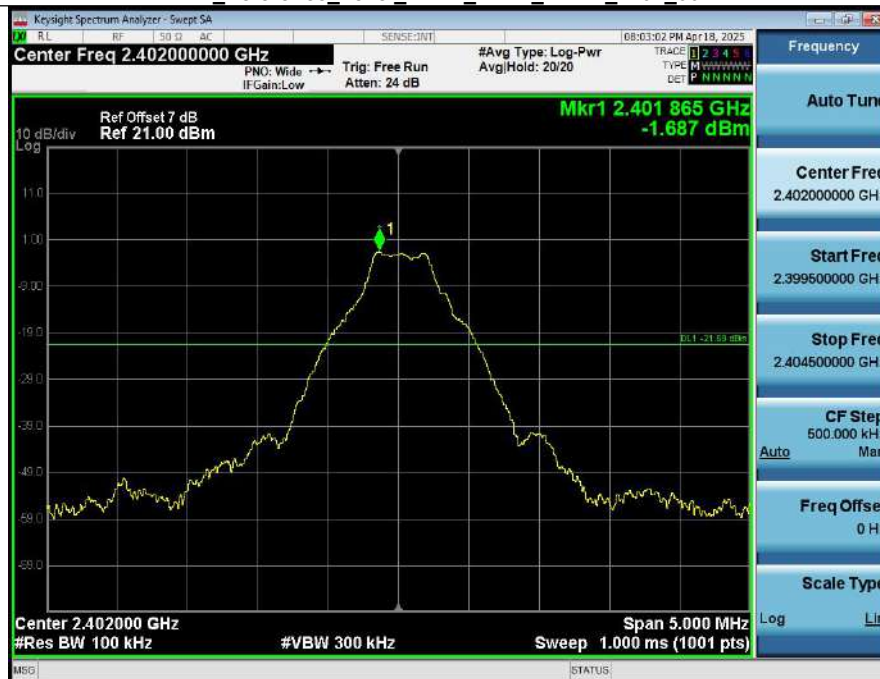
Peak Output Power NVNT_ANT1_3-DH1_2480_00



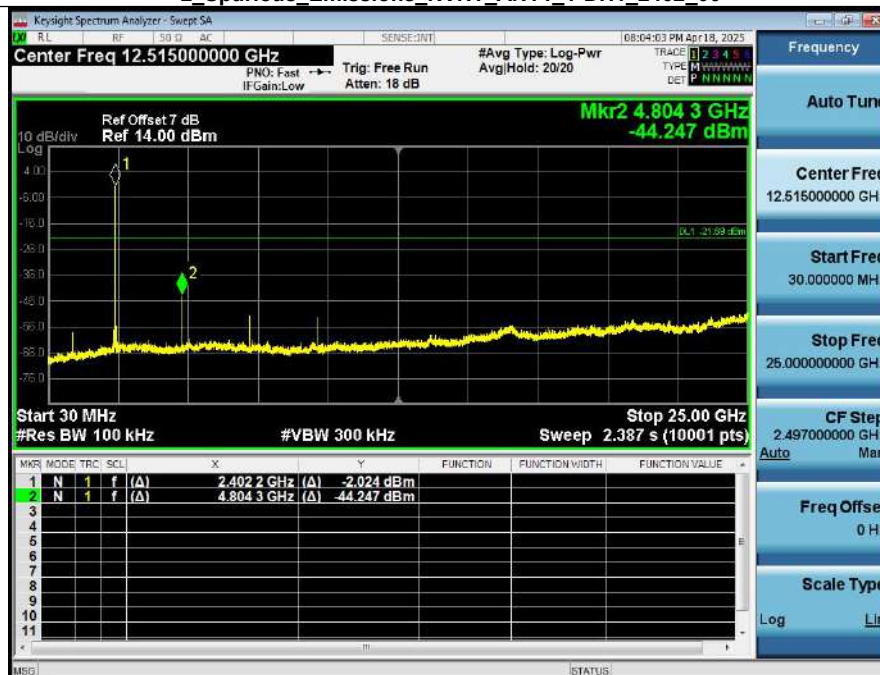
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-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



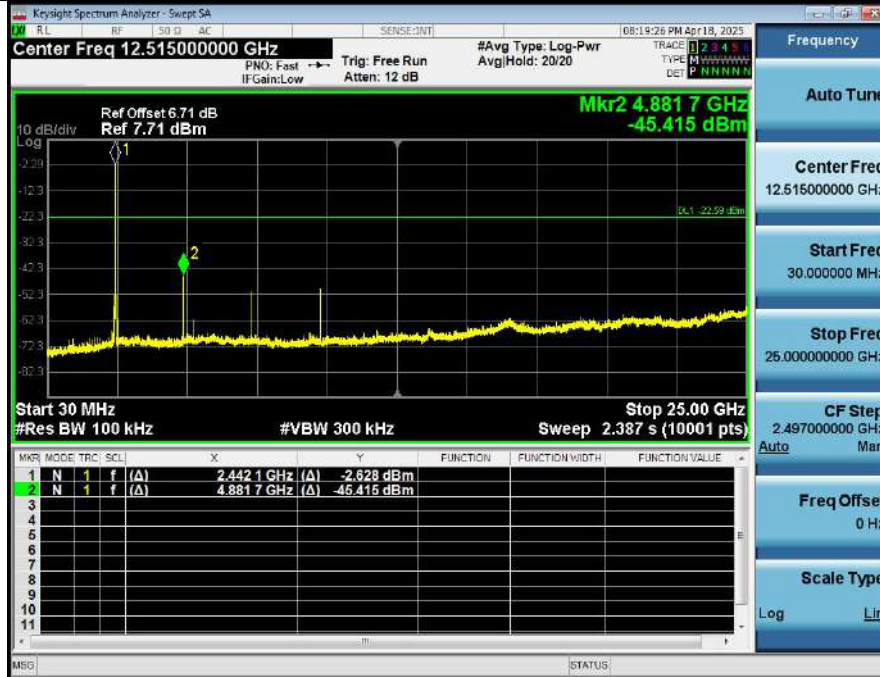
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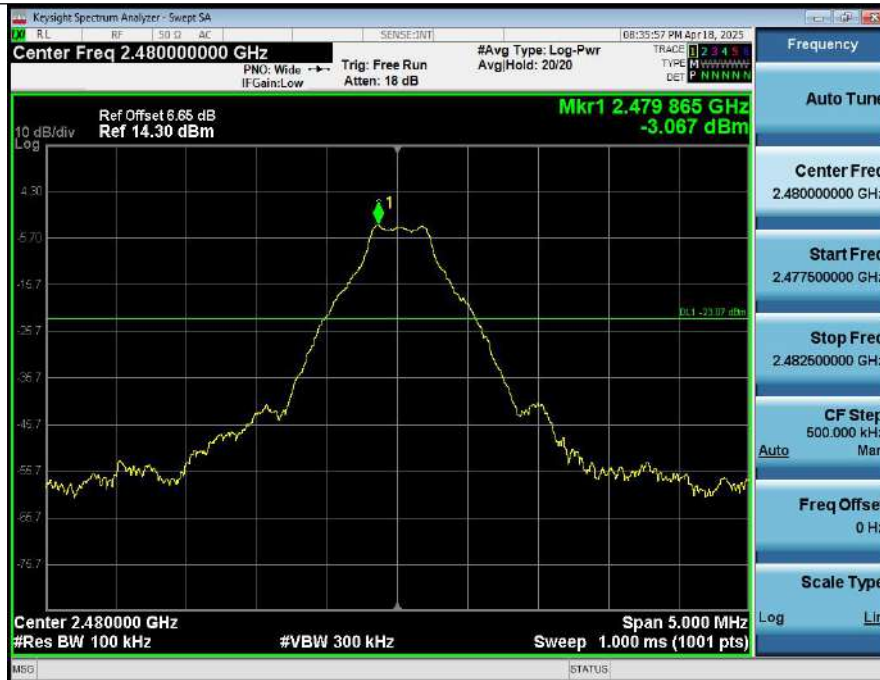
1 Reference Level NVNT ANT1 1-DH1 2441 00



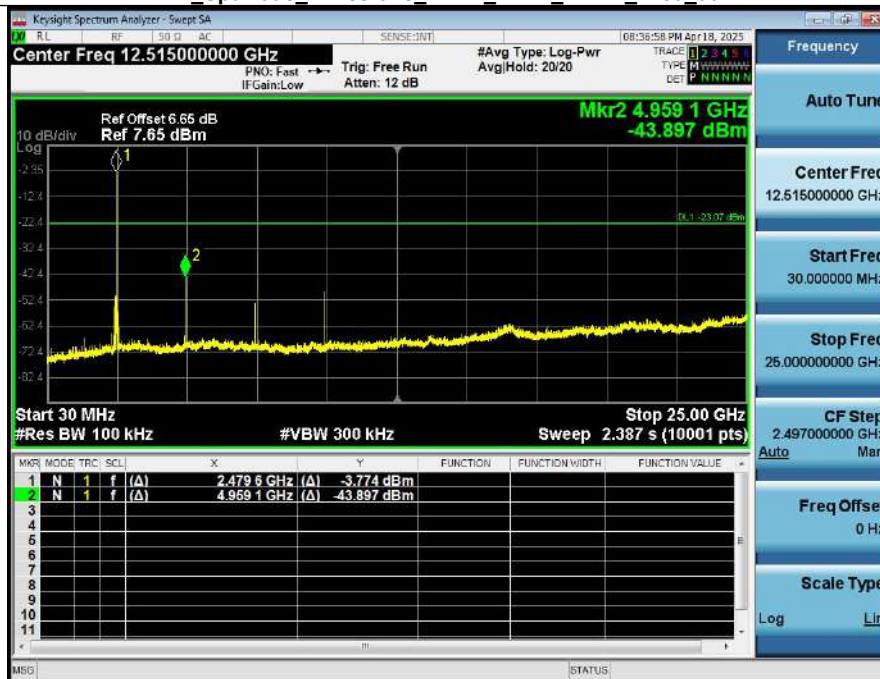
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



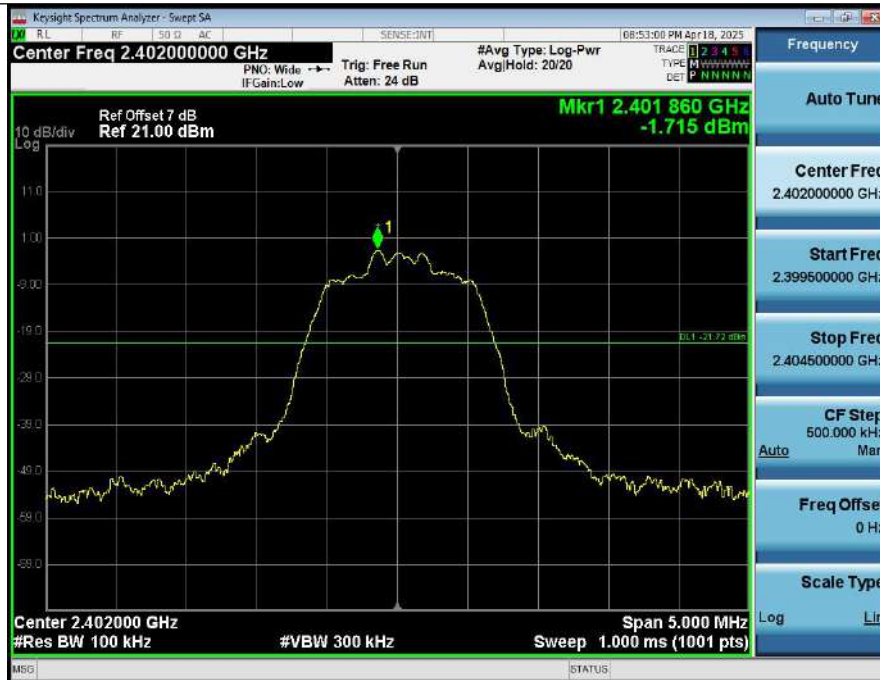
1 Reference Level NVNT ANT1 1-DH1 2480 00



2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00



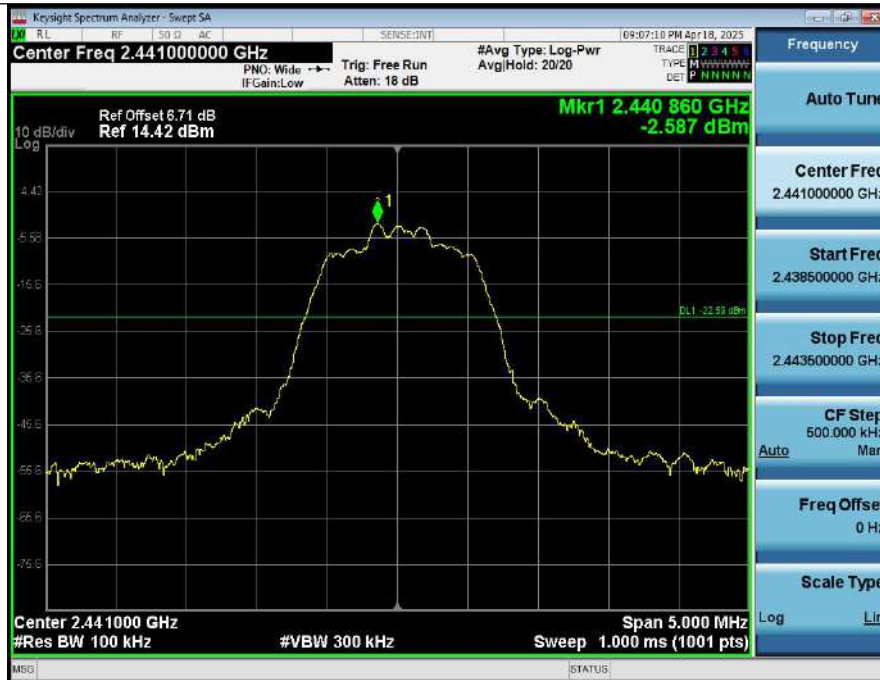
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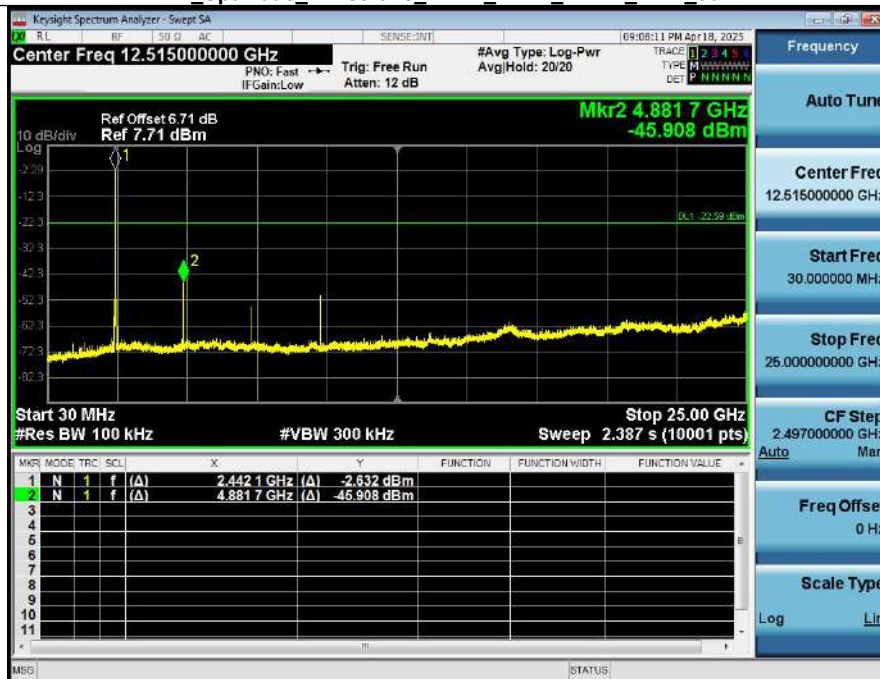
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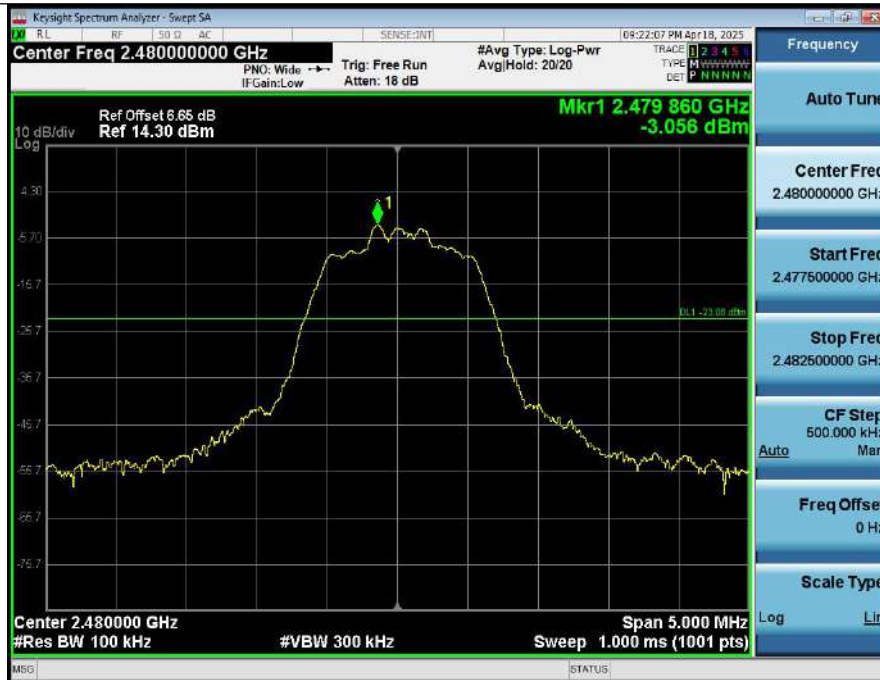
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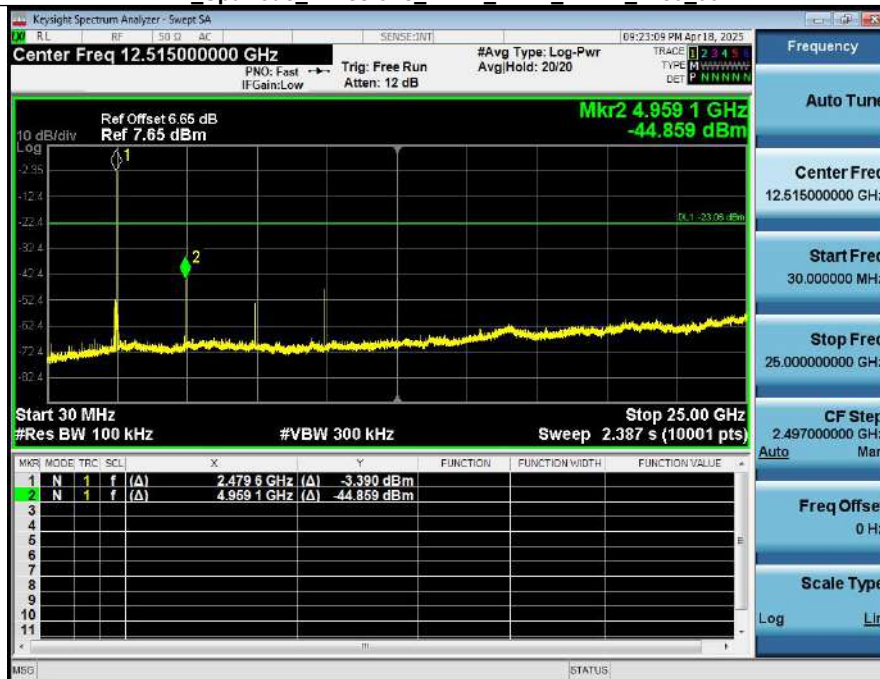
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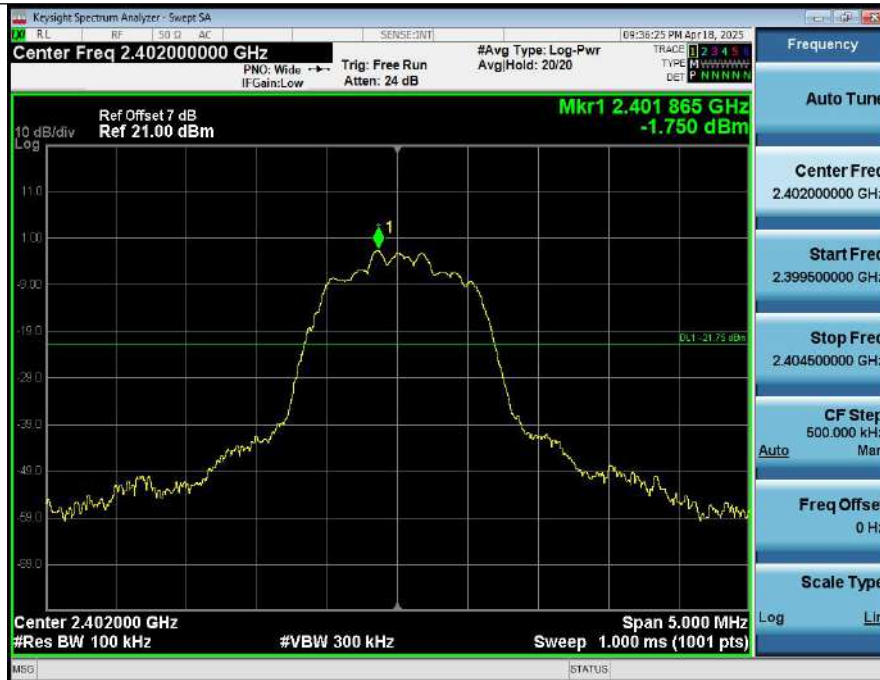
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



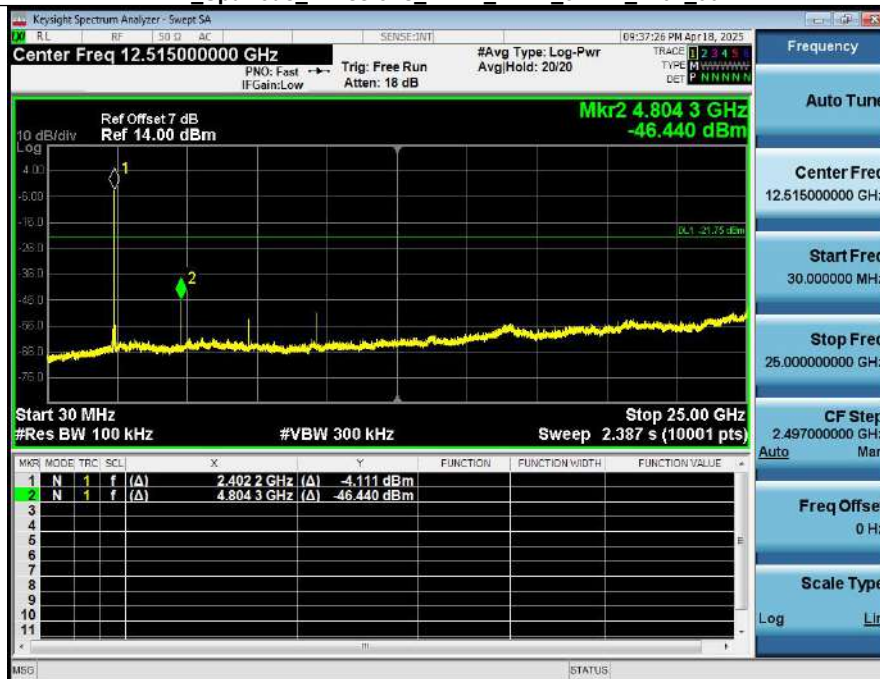
2 Spurious Emissions NVNT_ANT1_2-DH1_2480_00



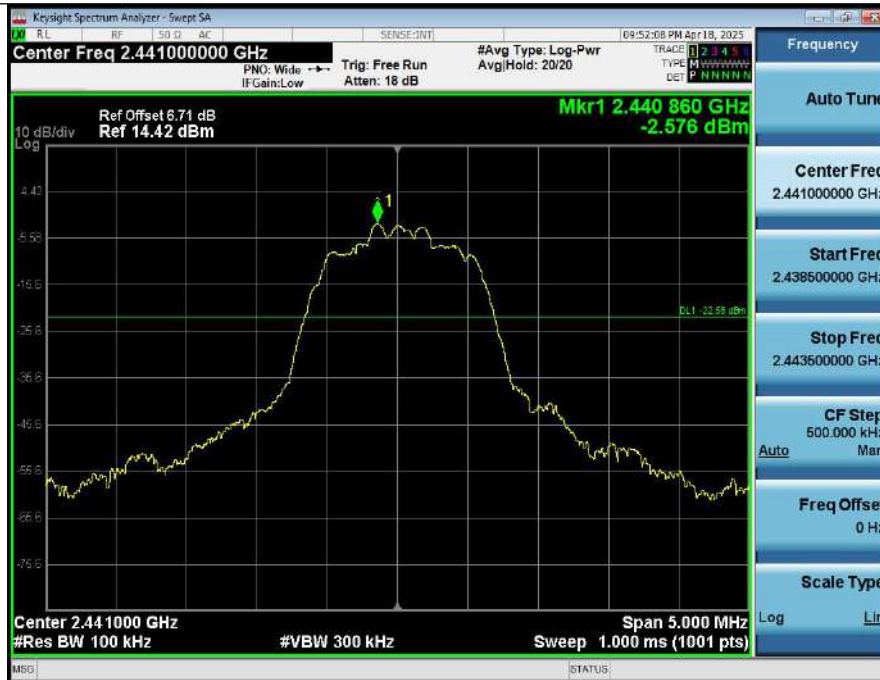
1 Reference Level NVNT_ANT1_3-DH1_2402_00



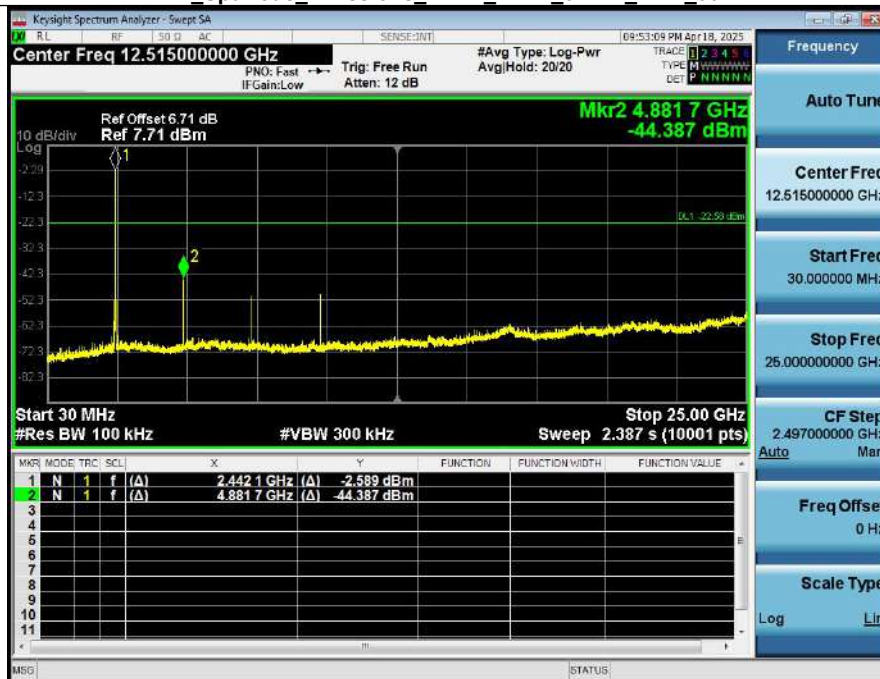
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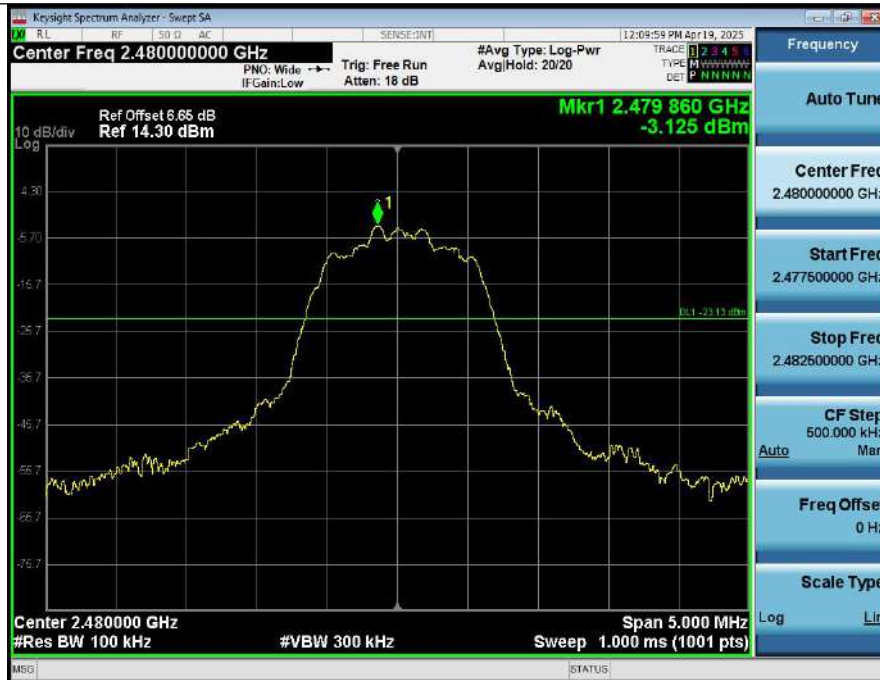
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



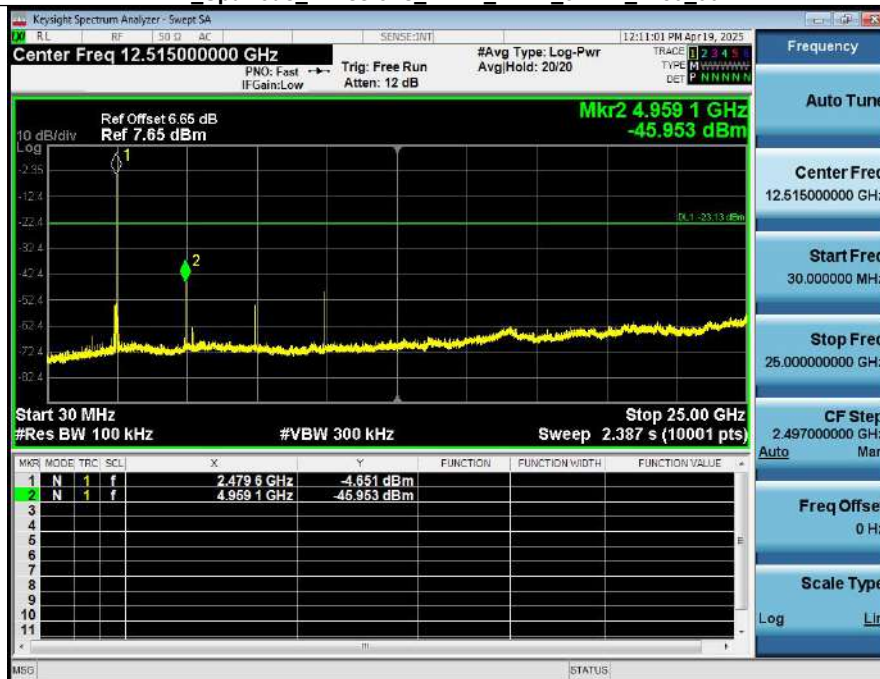
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



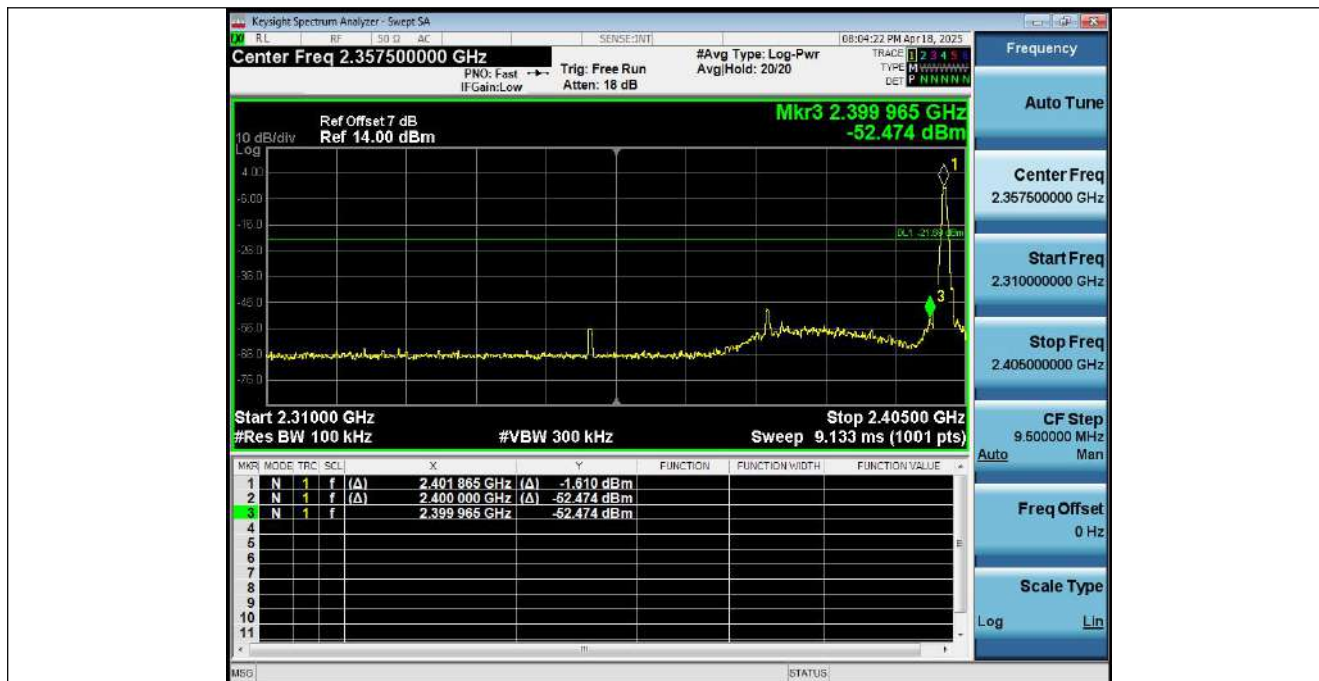
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



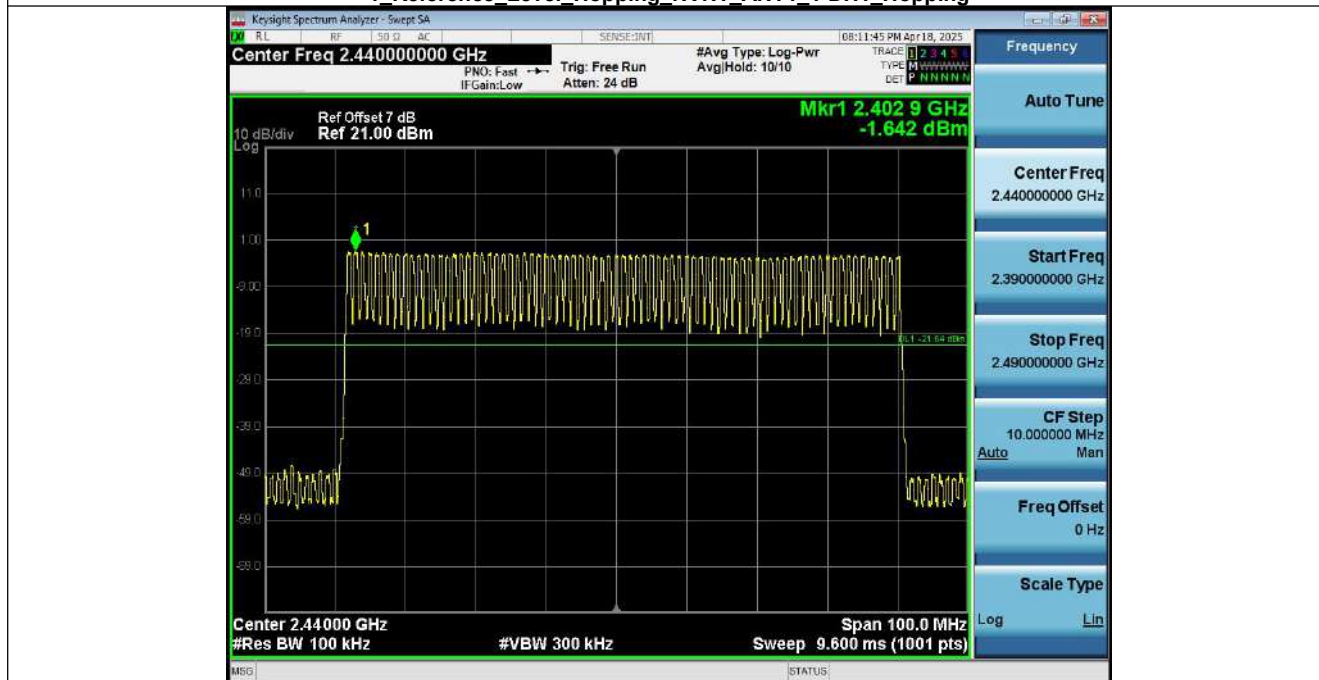
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-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

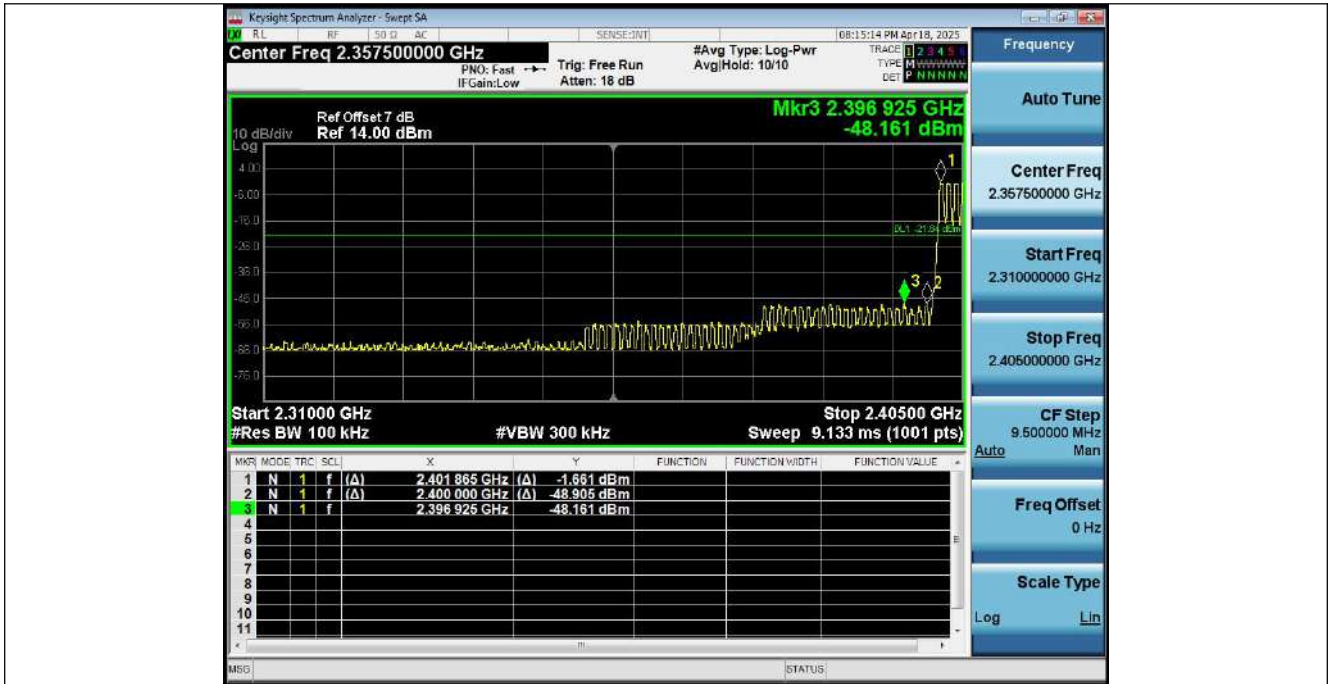




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



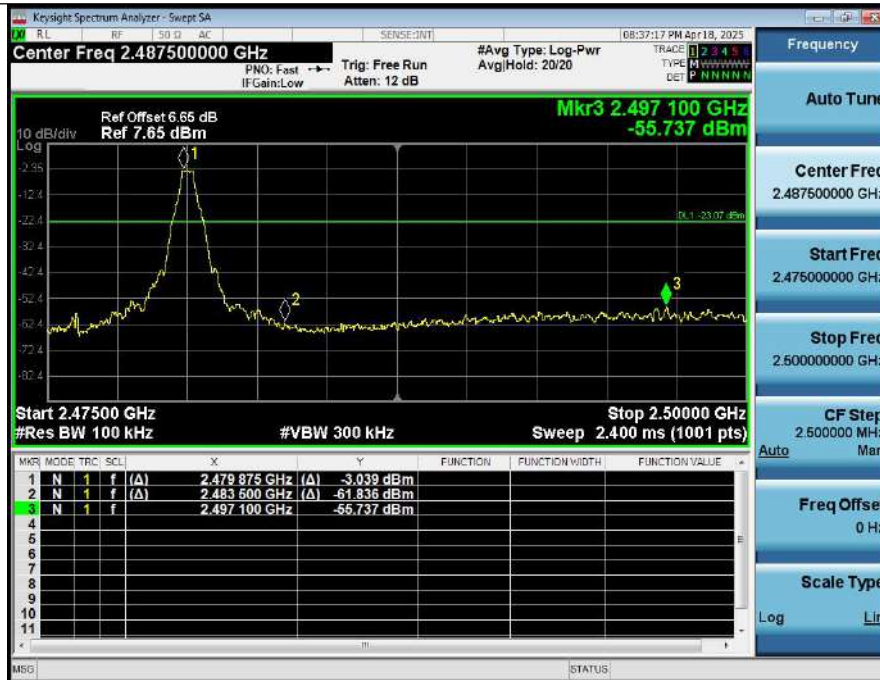
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



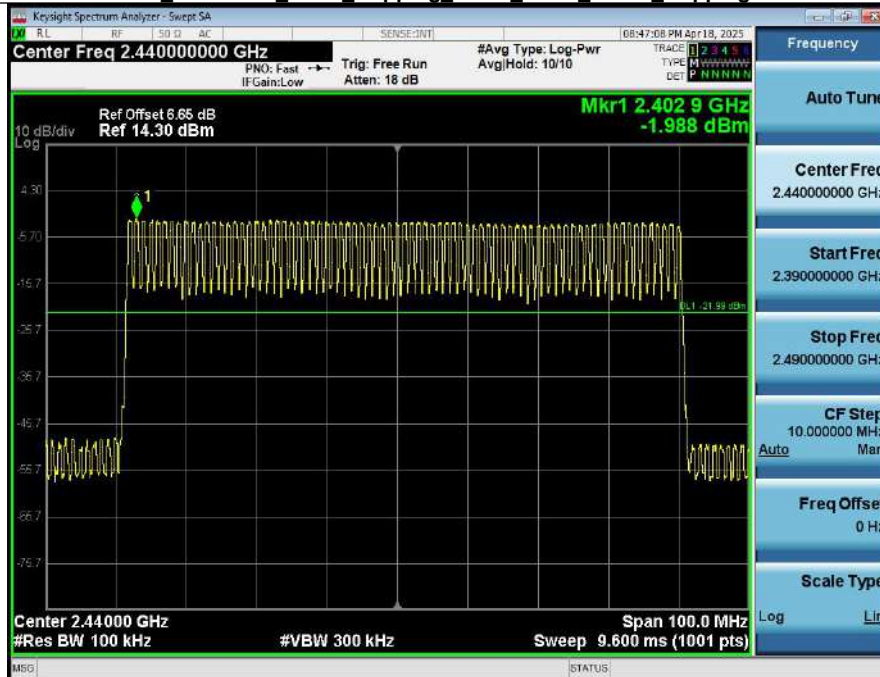
1 Reference Level NVNT ANT1 1-DH1 2480 00



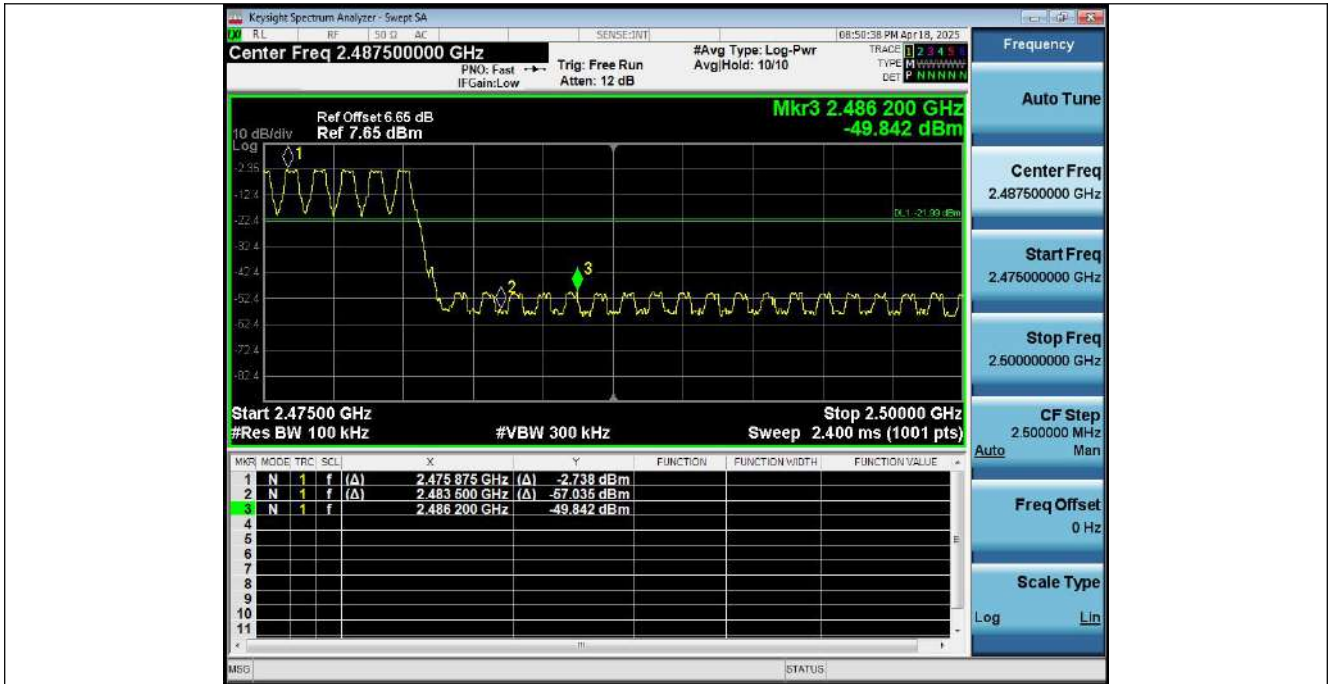
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



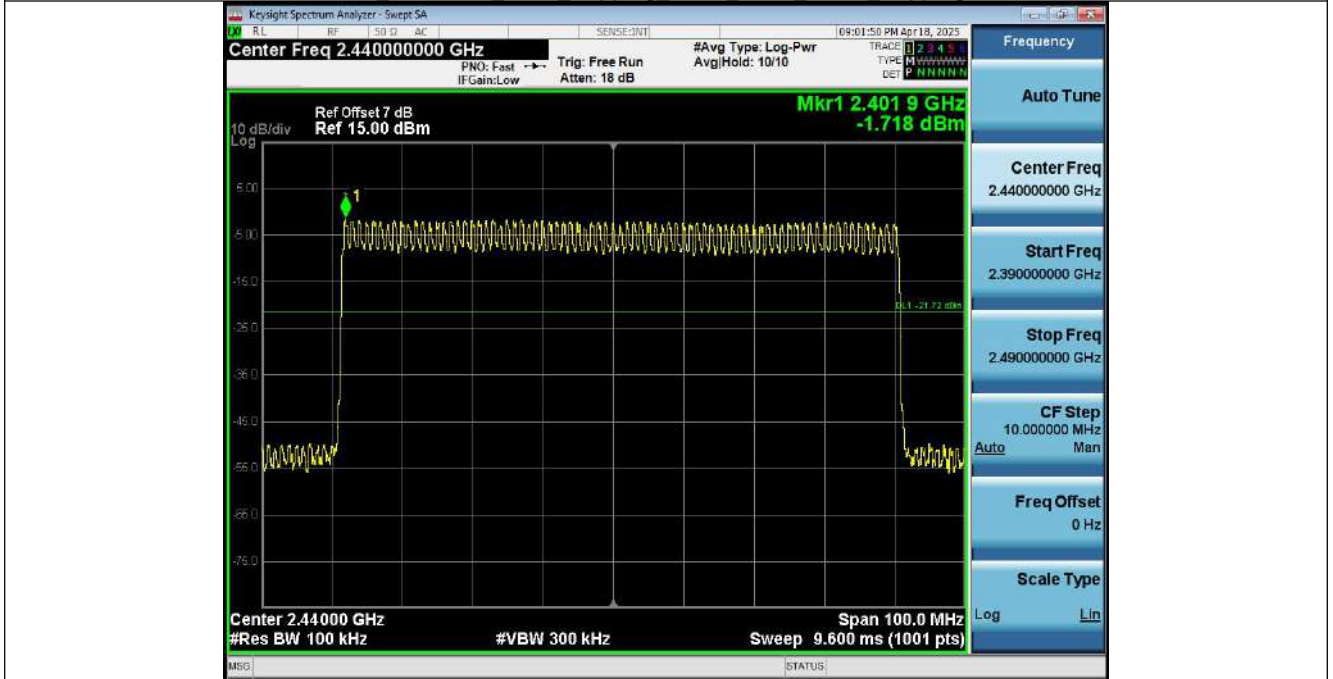
1 Reference Level NVNT ANT1 2-DH1 2402_00



2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



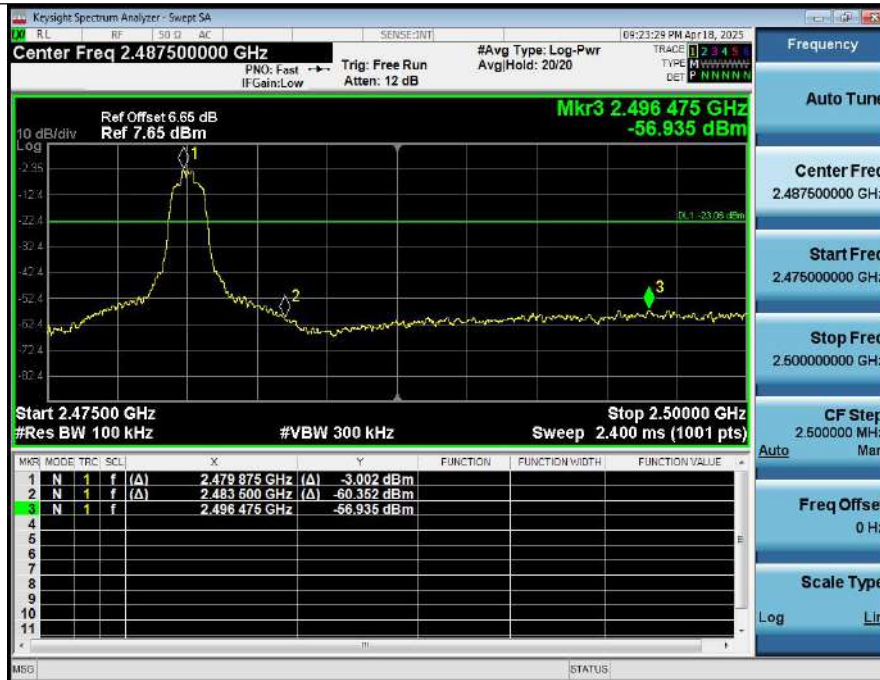
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



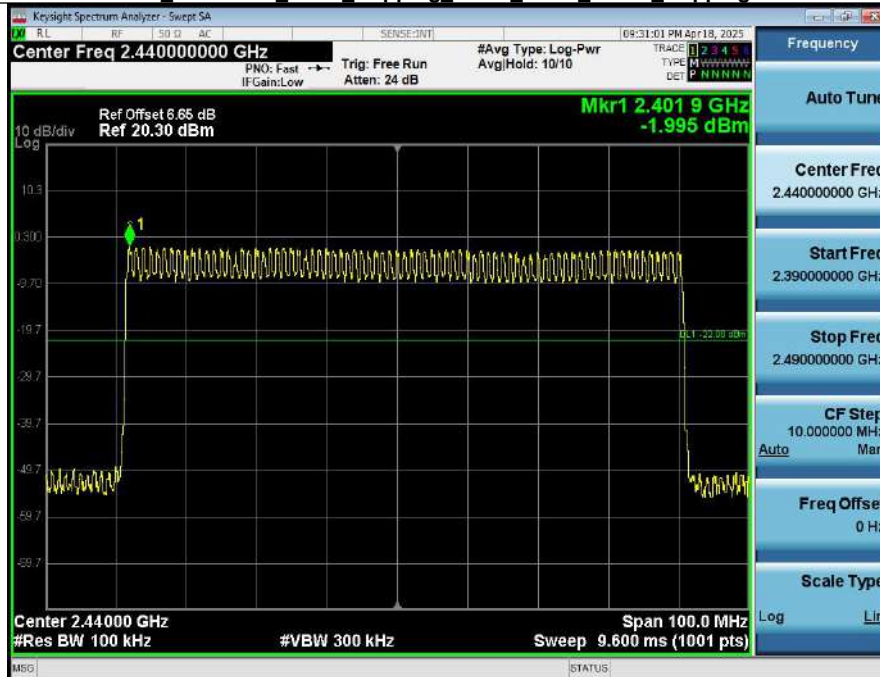
1 Reference Level NVNT ANT1 2-DH1 2480 00



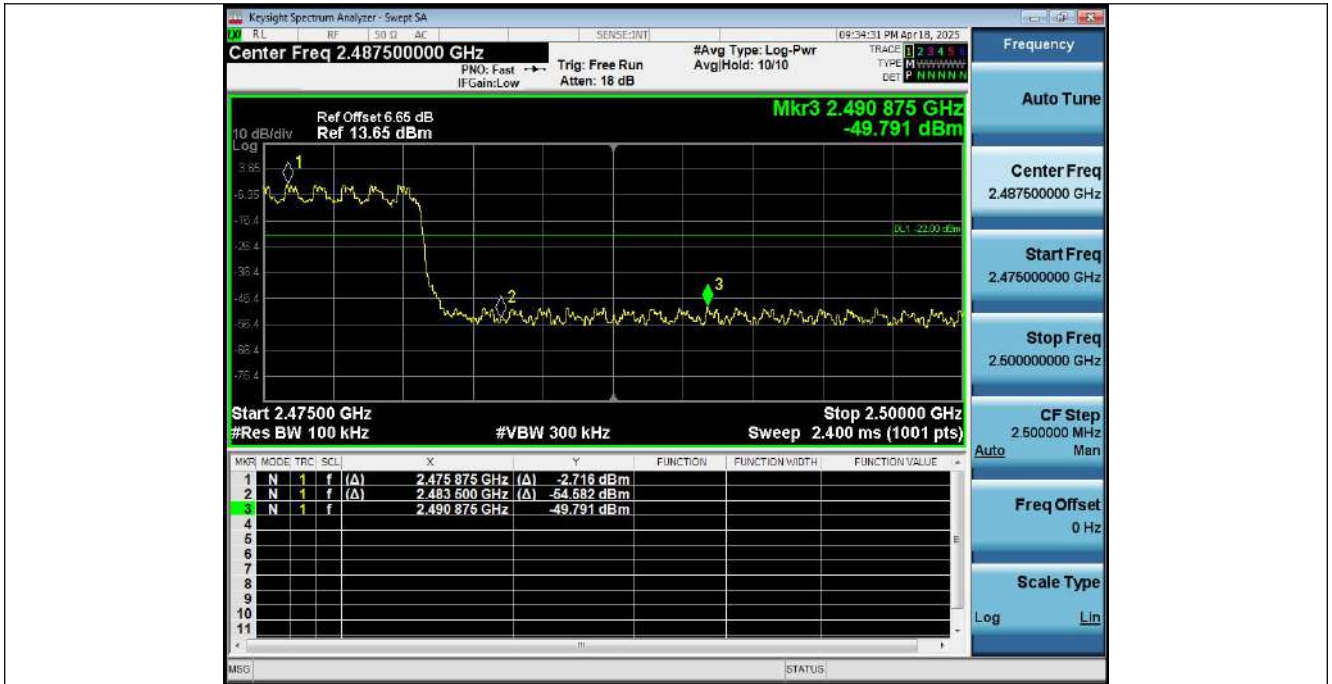
2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



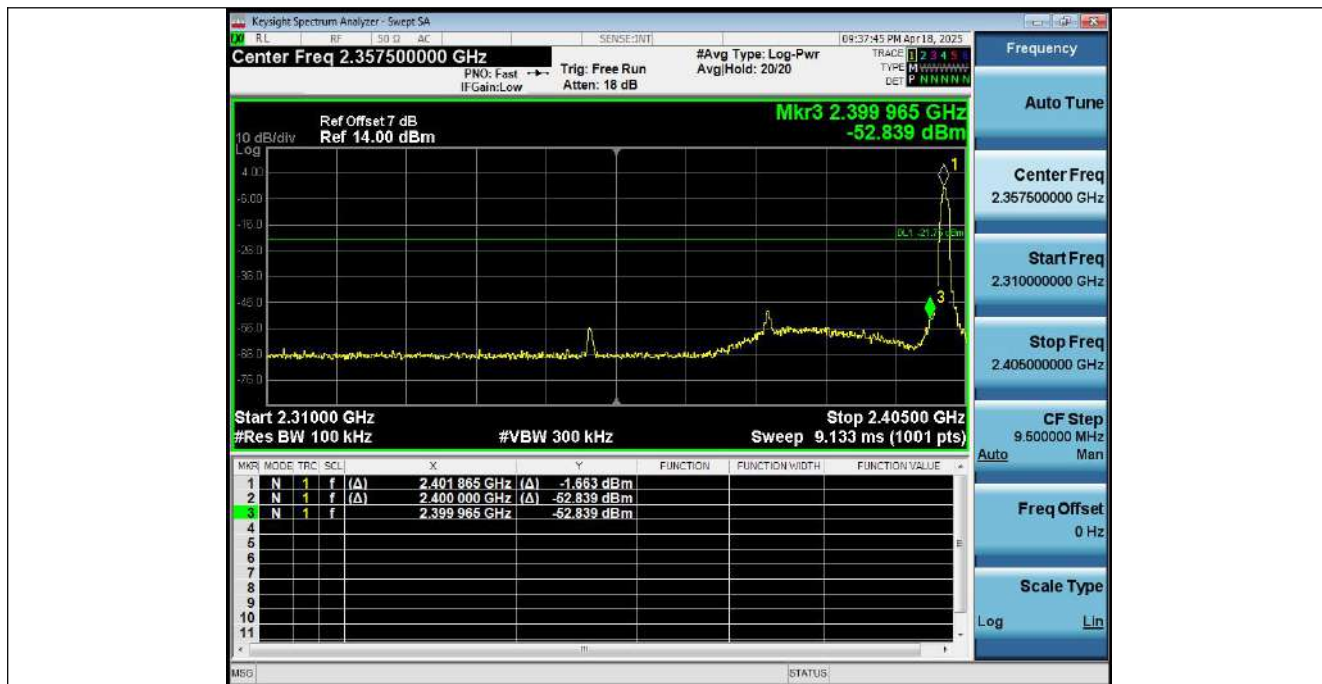
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



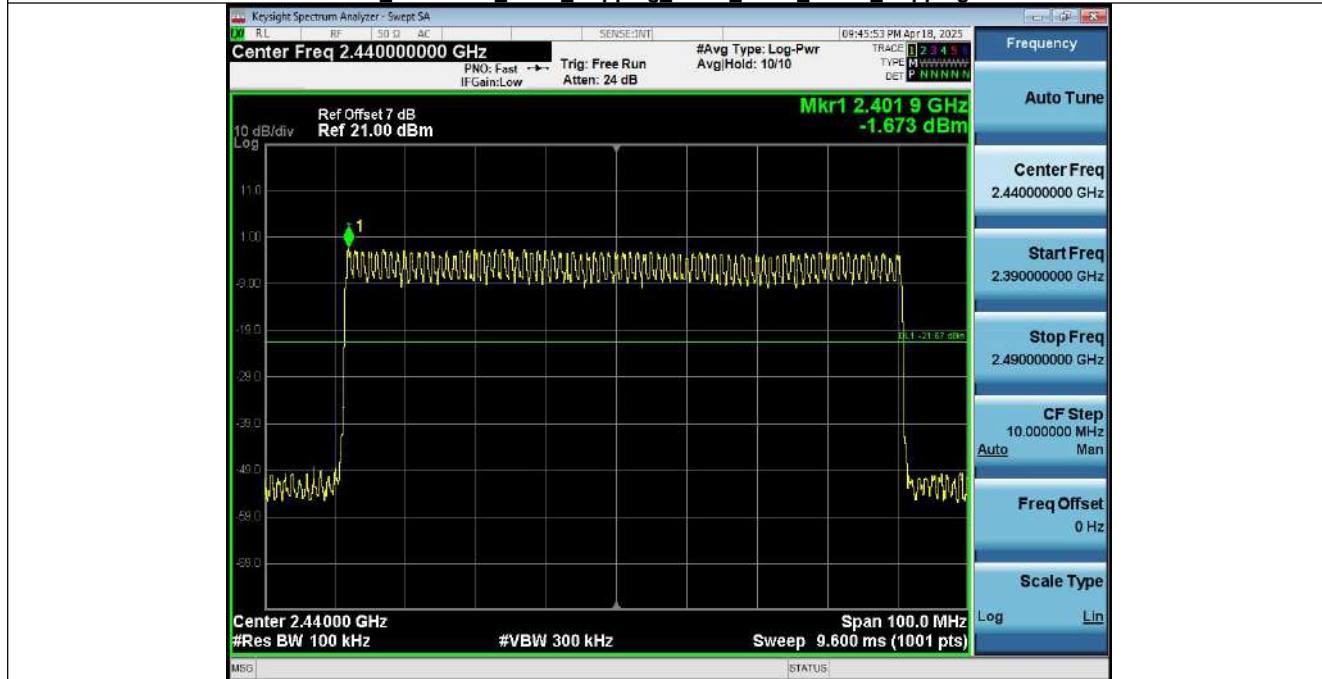
1 Reference Level NVNT ANT1 3-DH1 2402 00



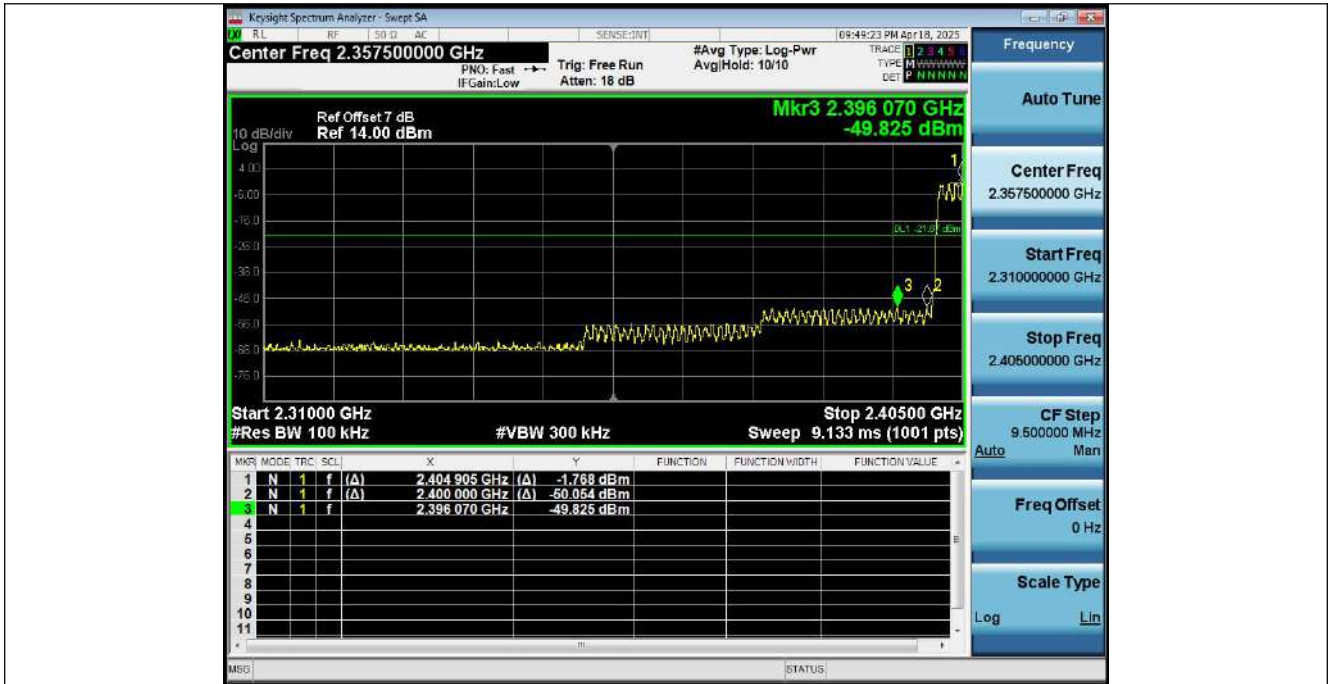
2 Bandedge NVNT ANT1 3-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



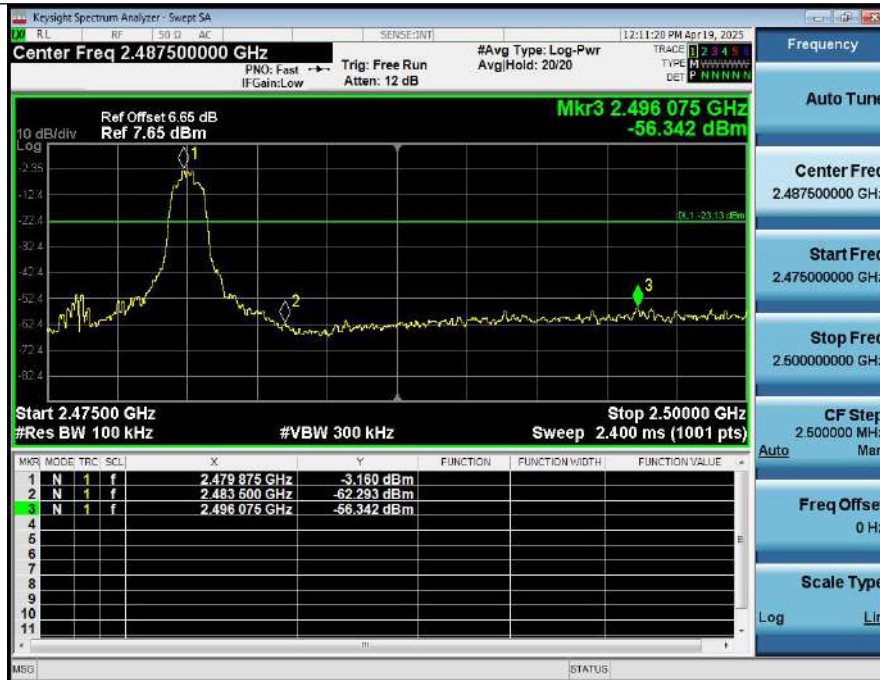
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



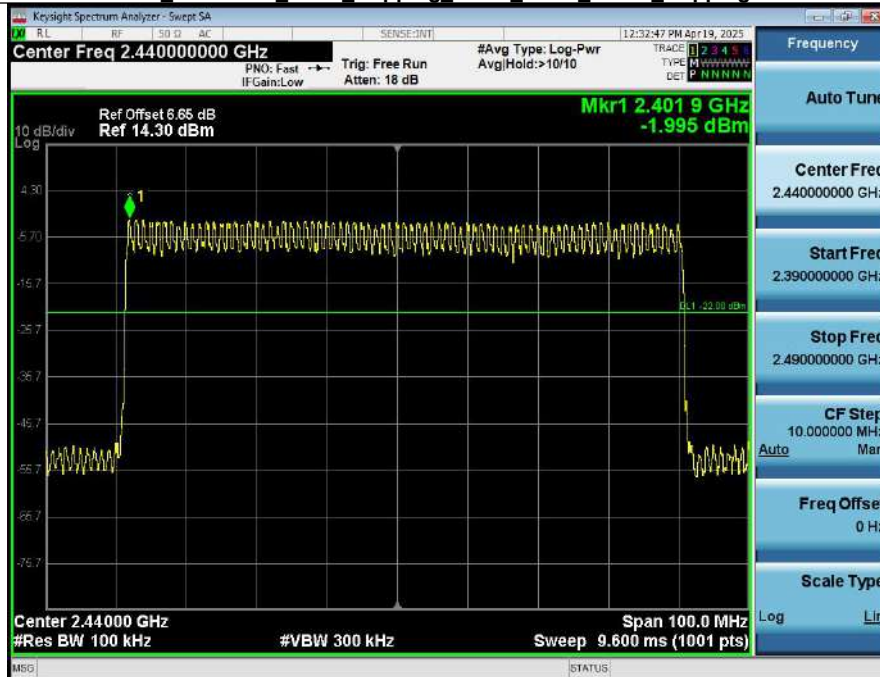
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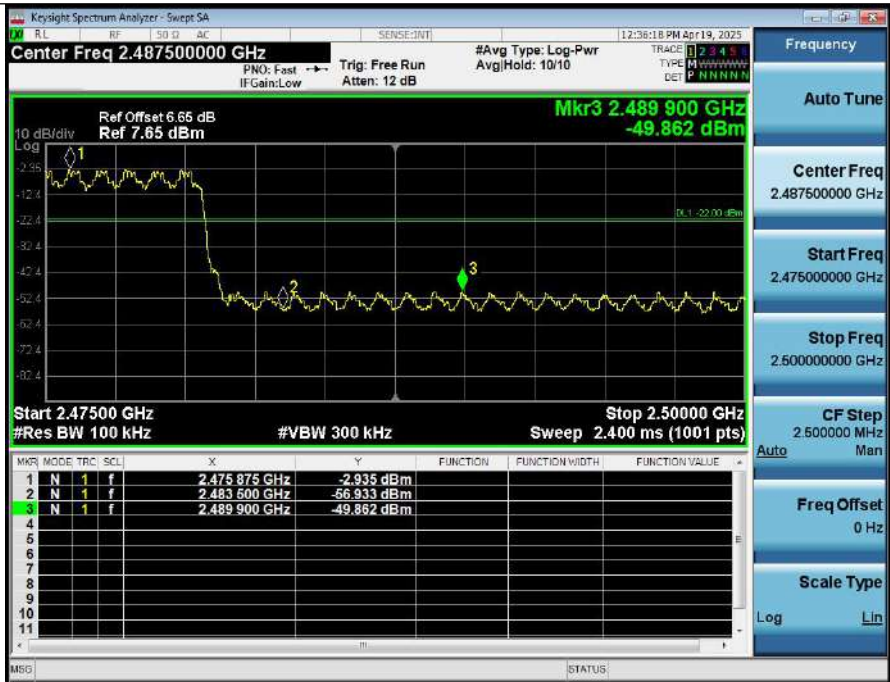
2 Bandedge NVNT ANT1 3-DH1 2480 00



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

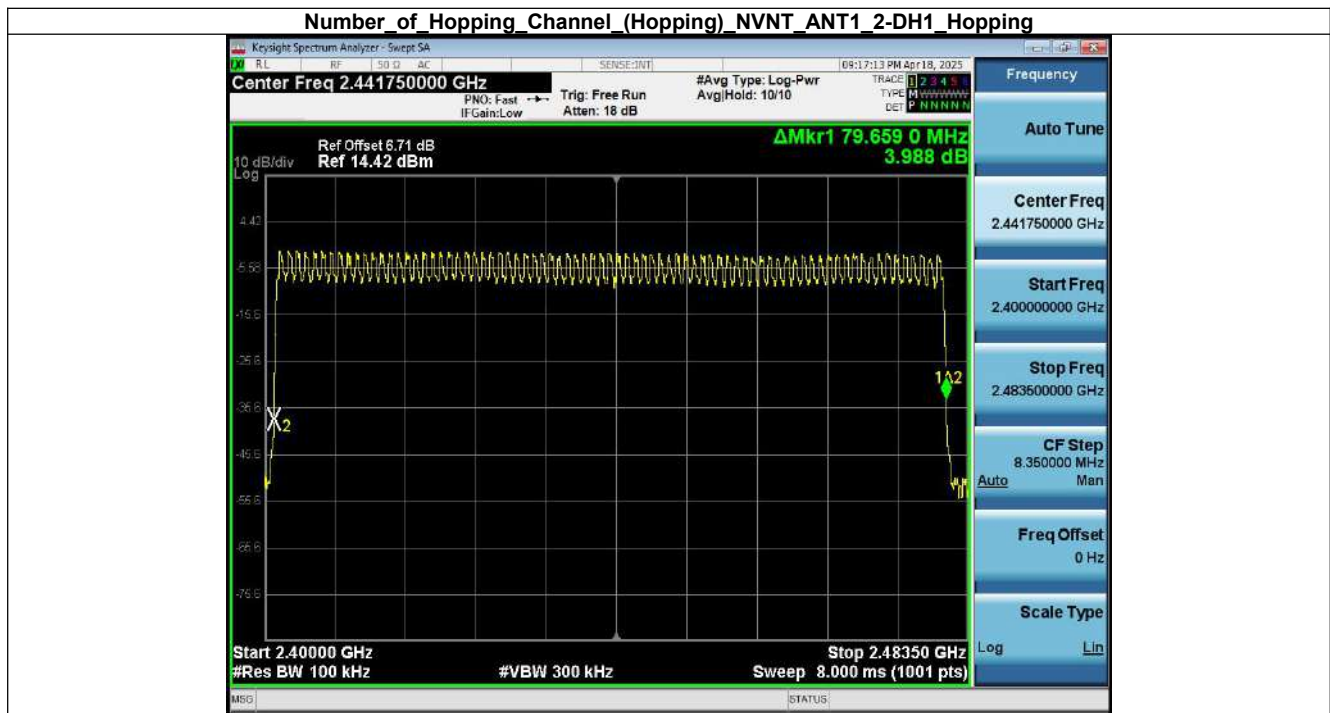
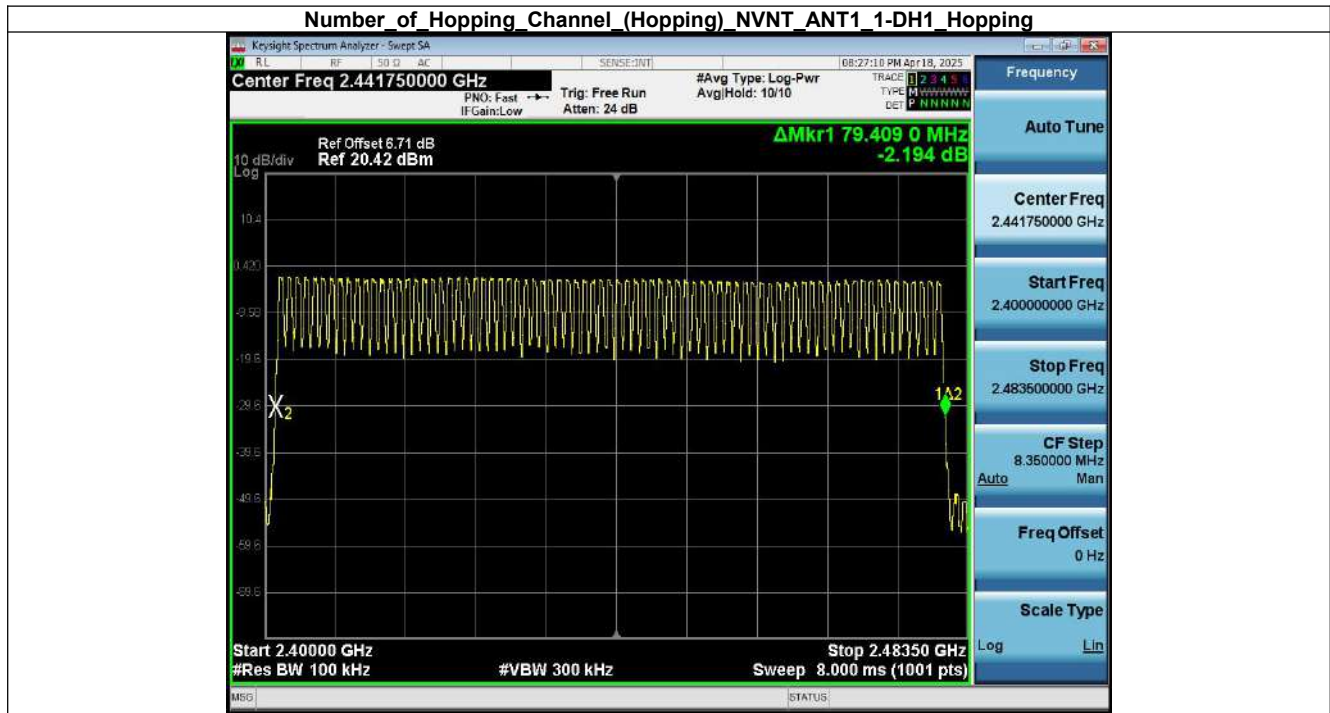


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

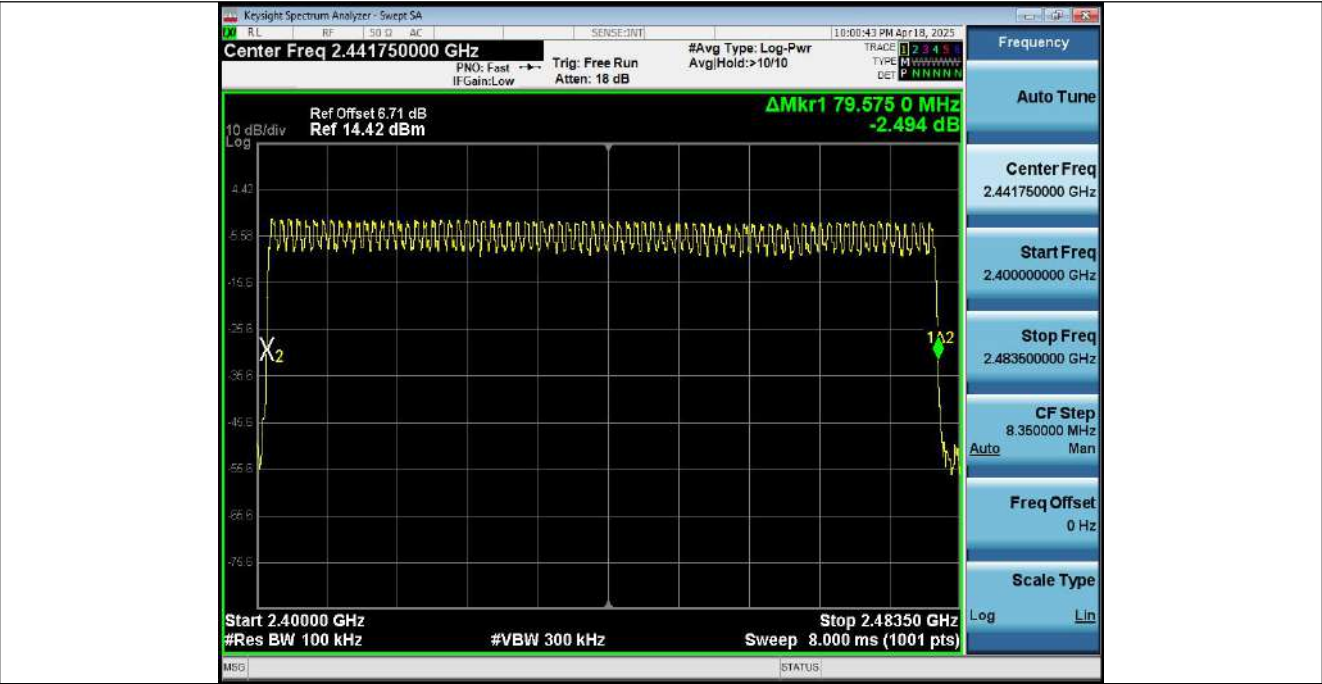


7. Number of Hopping Channel (Hopping)

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



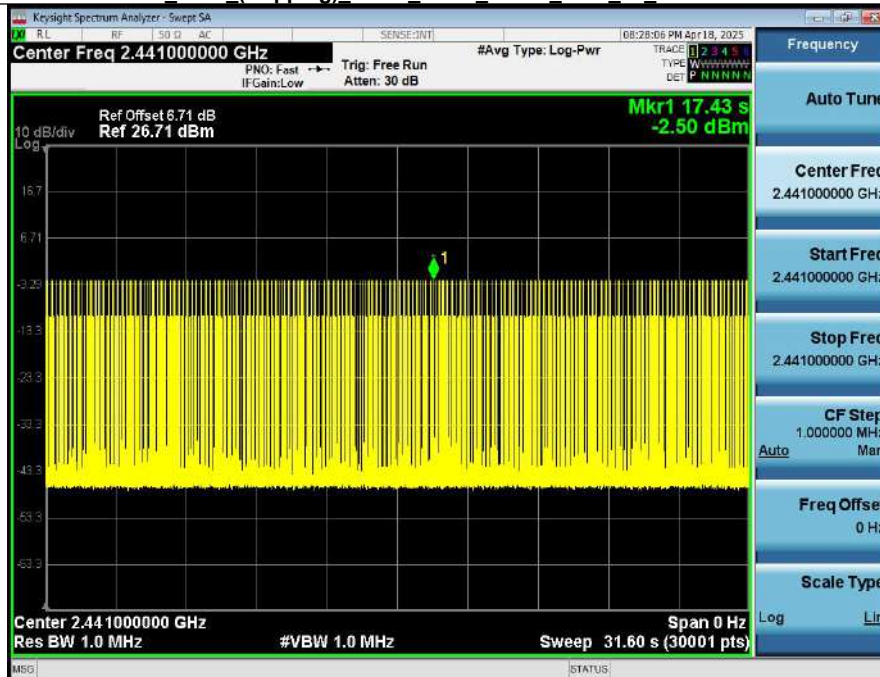
8. Dwell Time (Hopping)

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



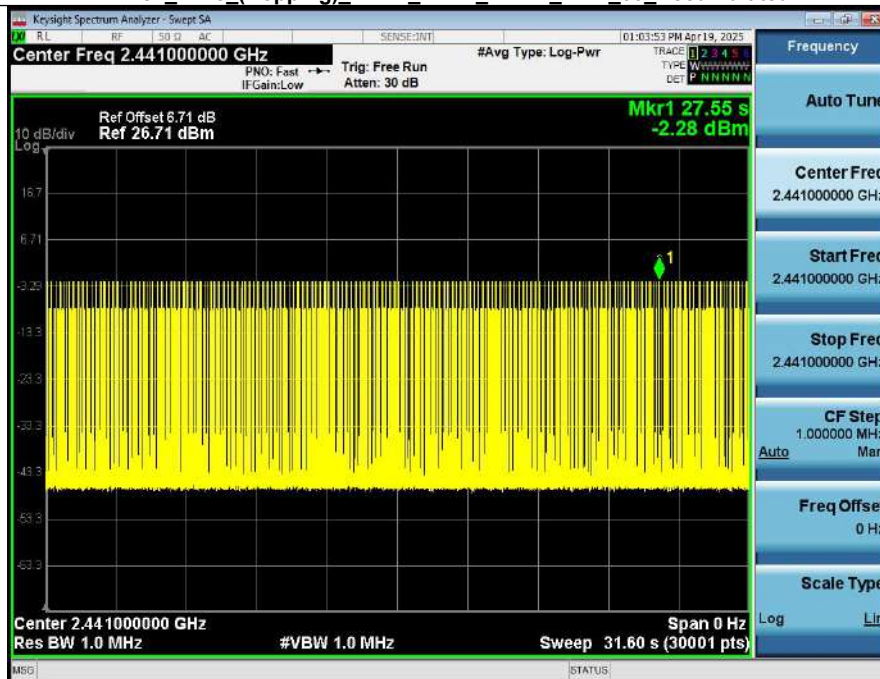
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



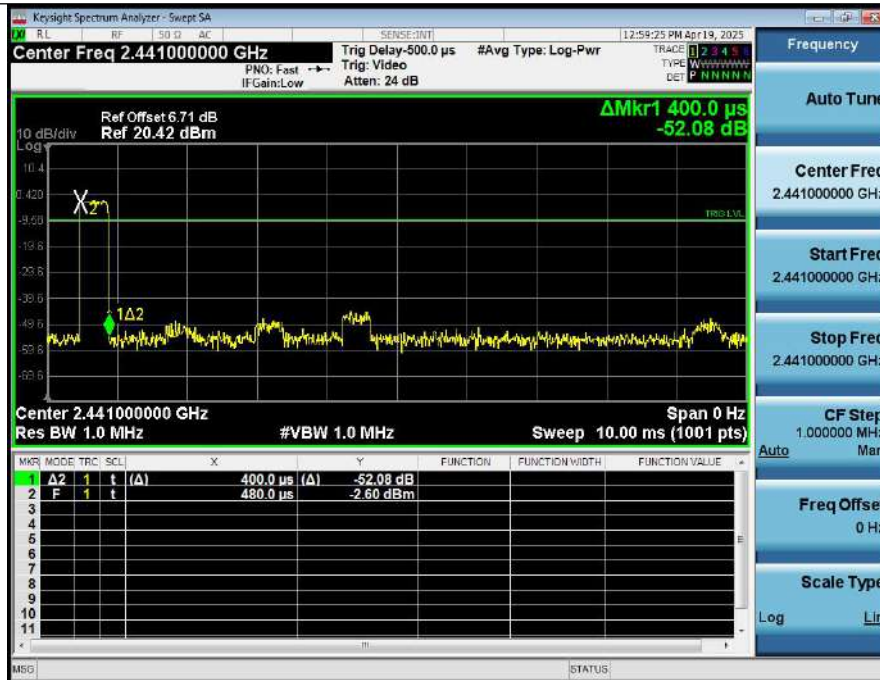
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



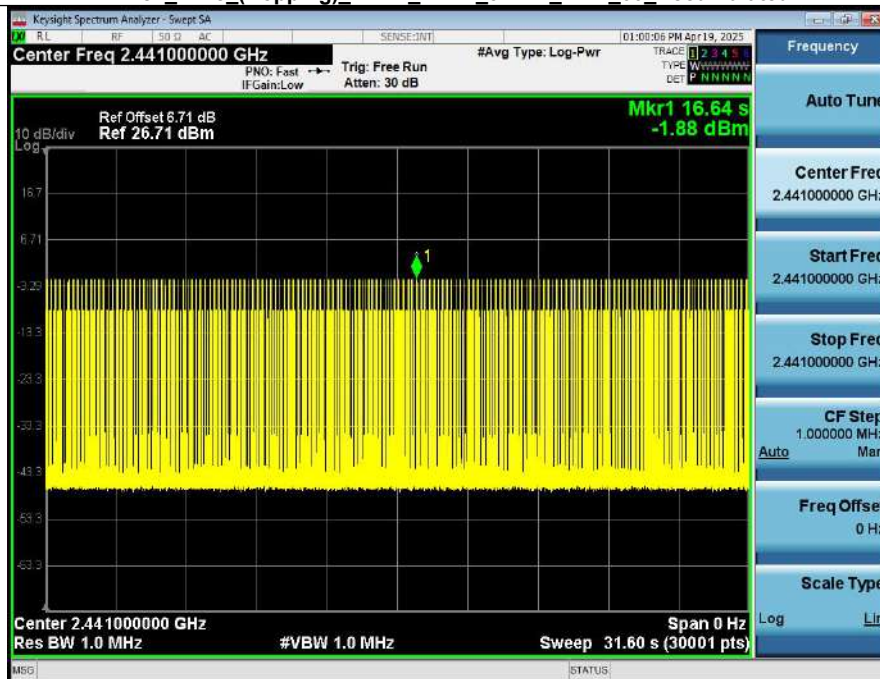
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



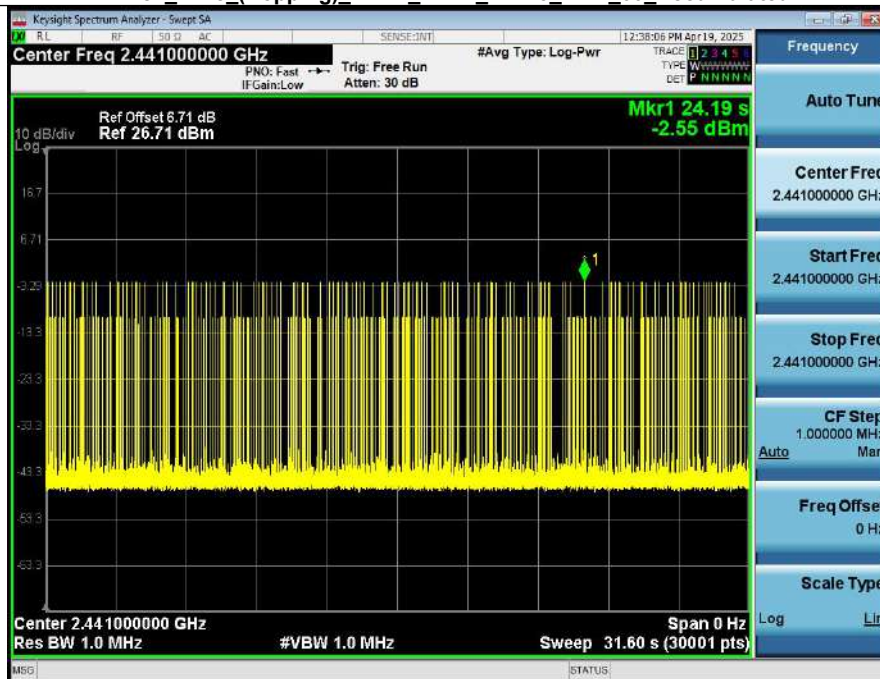
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Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



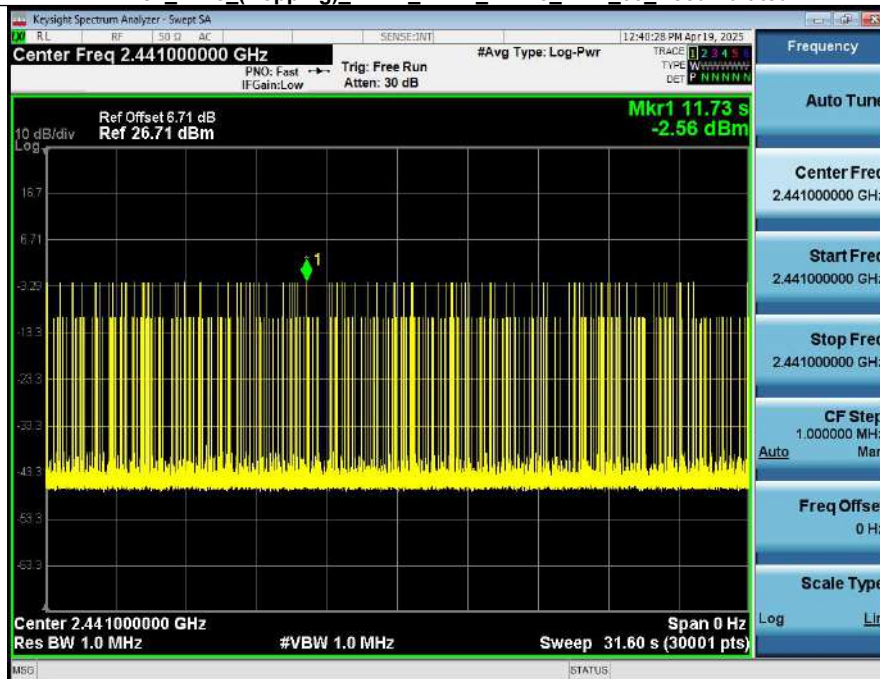
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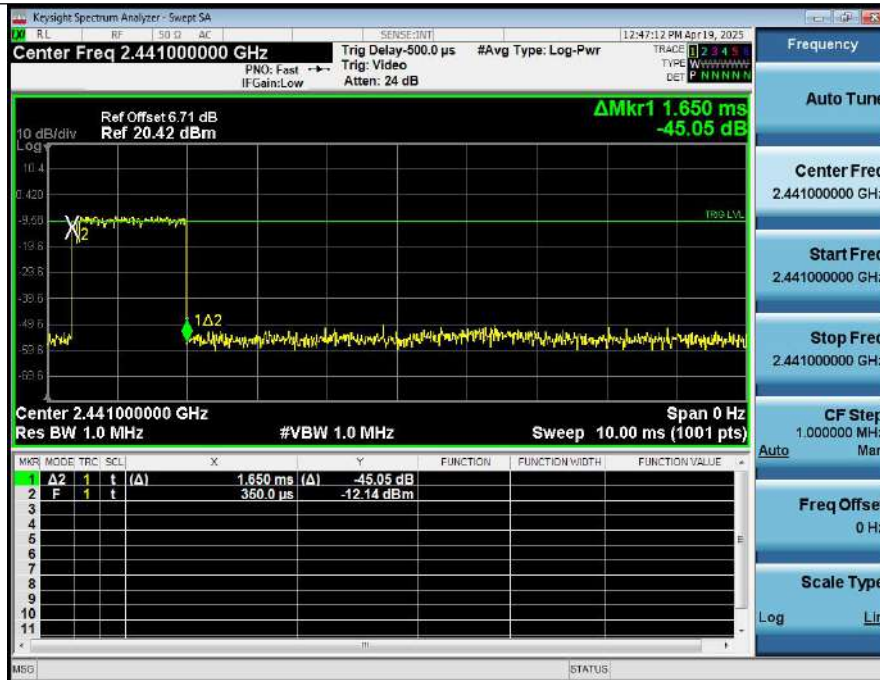
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



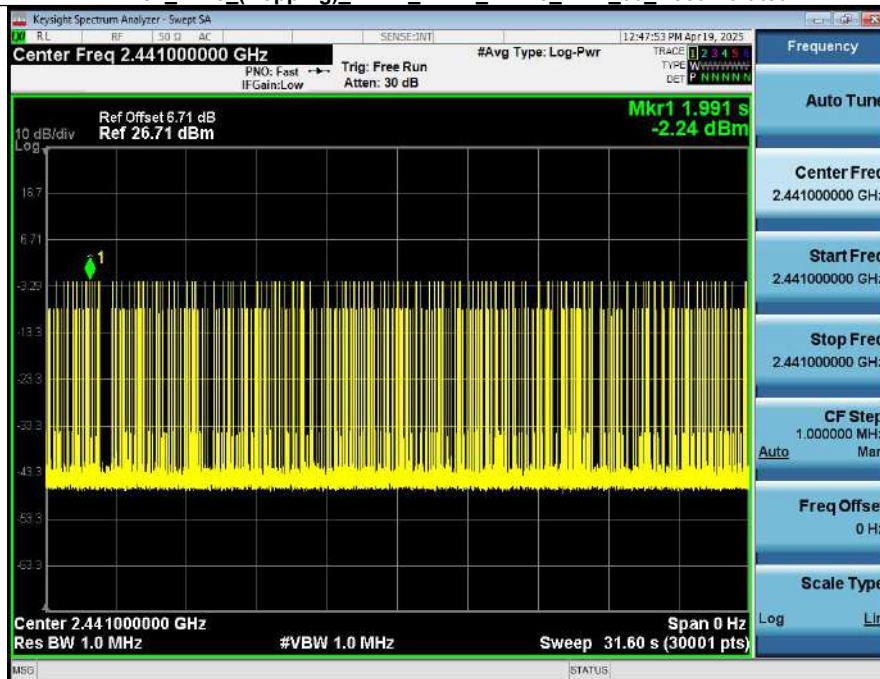
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



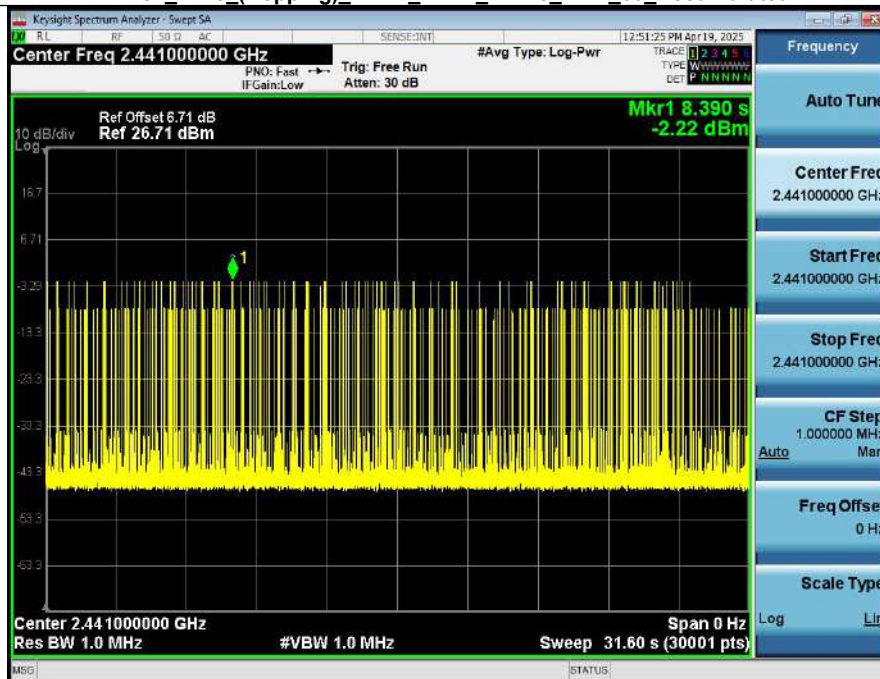
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



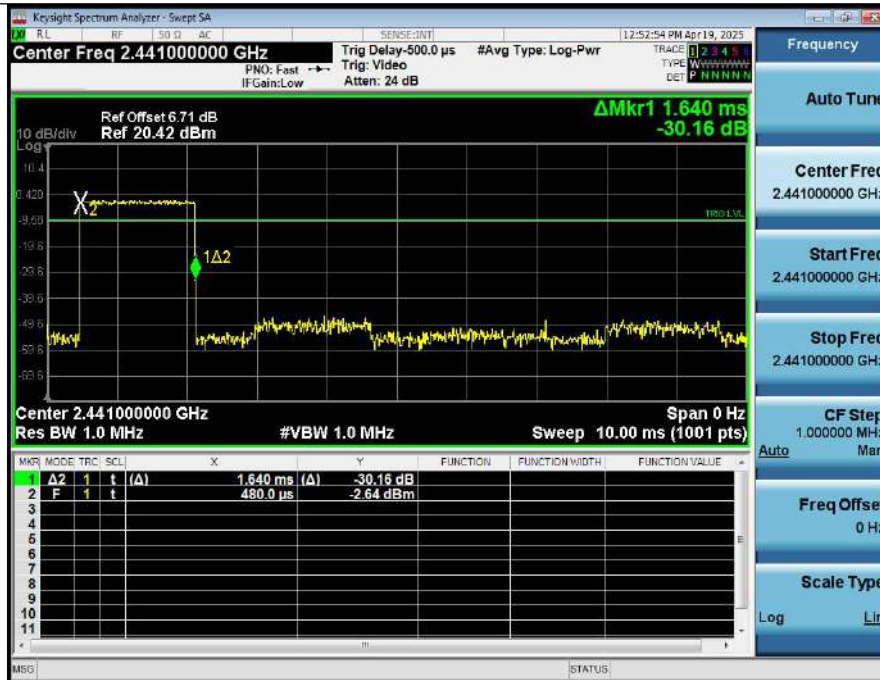
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



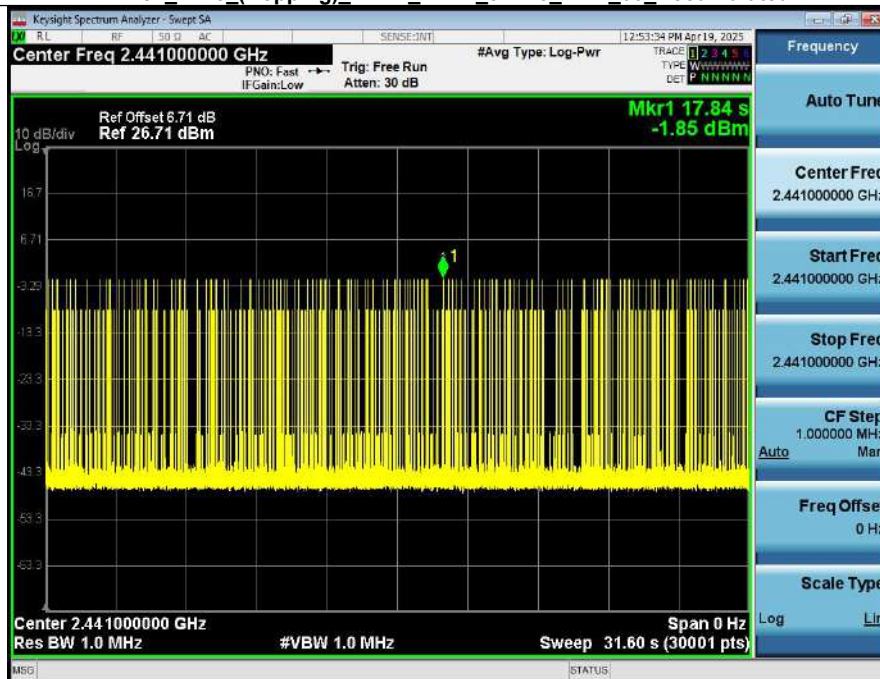
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



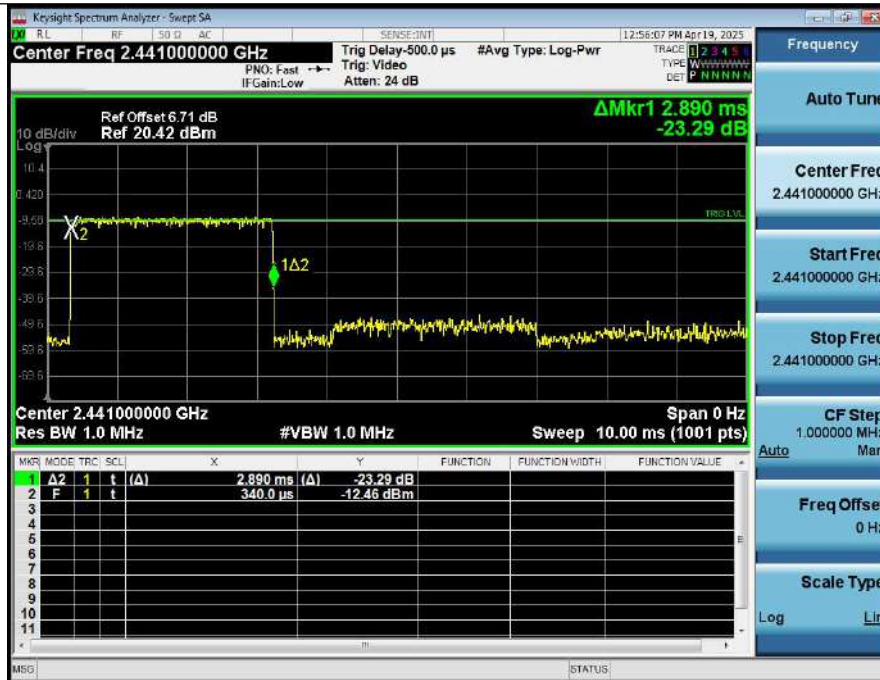
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

