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FCC ID:2BD85-DG05

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	0.873	No
NVNT	ANT1	1-DH1	2441.00	0.879	No
NVNT	ANT1	1-DH1	2480.00	0.879	No
NVNT	ANT1	2-DH1	2402.00	1.250	Yes
NVNT	ANT1	2-DH1	2441.00	1.280	Yes
NVNT	ANT1	2-DH1	2480.00	1.275	Yes
NVNT	ANT1	3-DH1	2402.00	1.226	Yes
NVNT	ANT1	3-DH1	2441.00	1.225	Yes
NVNT	ANT1	3-DH1	2480.00	1.254	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

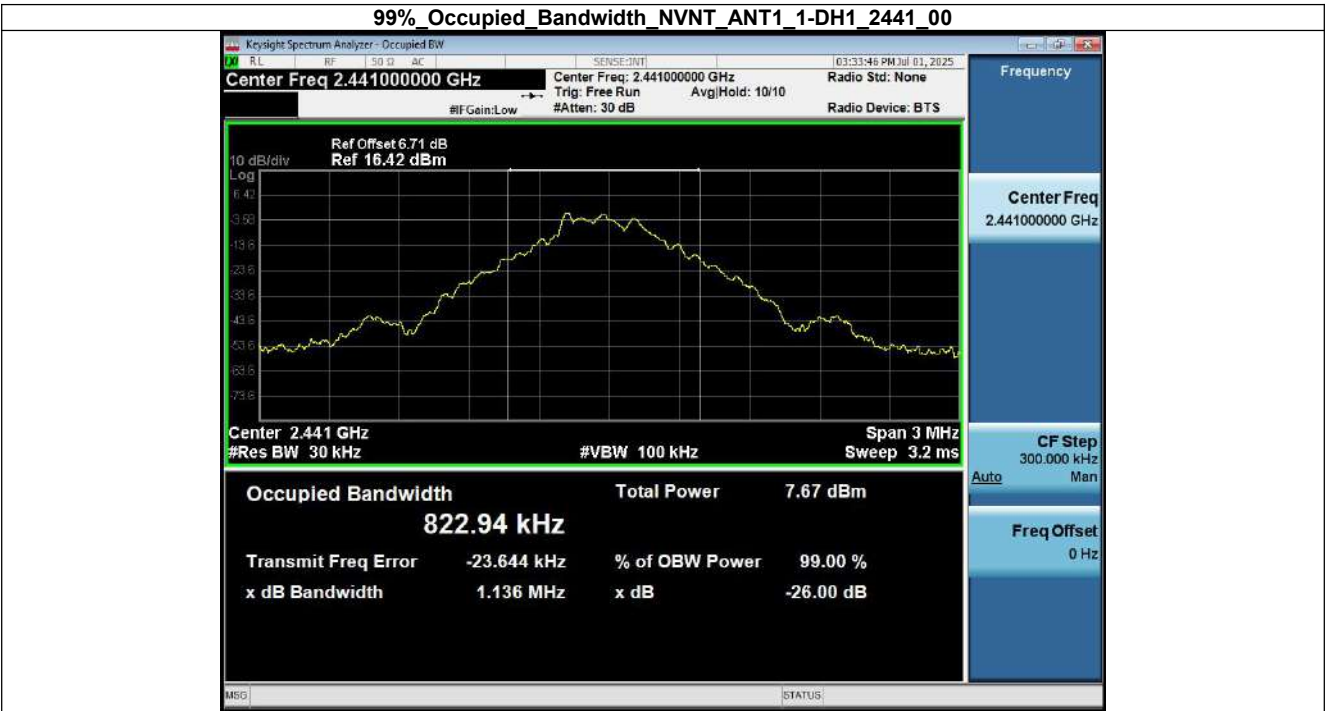


-20dB Bandwidth NVNT_ANT1_3-DH1_2480_00



2. 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	0.823
NVNT	ANT1	1-DH1	2480.00	0.826
NVNT	ANT1	2-DH1	2402.00	1.175
NVNT	ANT1	2-DH1	2441.00	1.199
NVNT	ANT1	2-DH1	2480.00	1.236
NVNT	ANT1	3-DH1	2402.00	1.149
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



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	-1.307	0.74	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.603	1.15	1000	Pass
NVNT	ANT1	1-DH1	2480.00	1.941	1.56	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.509	1.12	125	Pass
NVNT	ANT1	2-DH1	2441.00	1.130	1.30	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.947	1.24	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.666	1.47	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.102	1.29	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.891	1.23	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



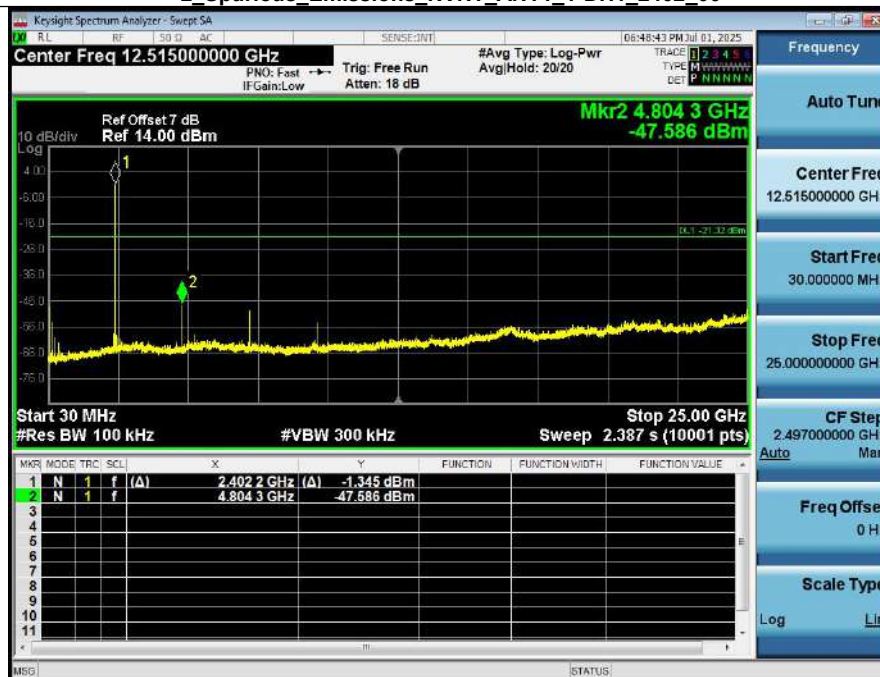
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.317	-47.586	-21.317	Pass
NVNT	ANT1	1-DH1	2441.00	0.603	-34.043	-19.397	Pass
NVNT	ANT1	1-DH1	2480.00	1.921	-30.993	-18.079	Pass
NVNT	ANT1	2-DH1	2402.00	-0.162	-48.223	-20.162	Pass
NVNT	ANT1	2-DH1	2441.00	0.611	-34.843	-19.389	Pass
NVNT	ANT1	2-DH1	2480.00	0.552	-40.521	-19.448	Pass
NVNT	ANT1	3-DH1	2402.00	0.206	-48.567	-19.794	Pass
NVNT	ANT1	3-DH1	2441.00	-0.390	-47.709	-20.390	Pass
NVNT	ANT1	3-DH1	2480.00	-0.646	-45.277	-20.646	Pass

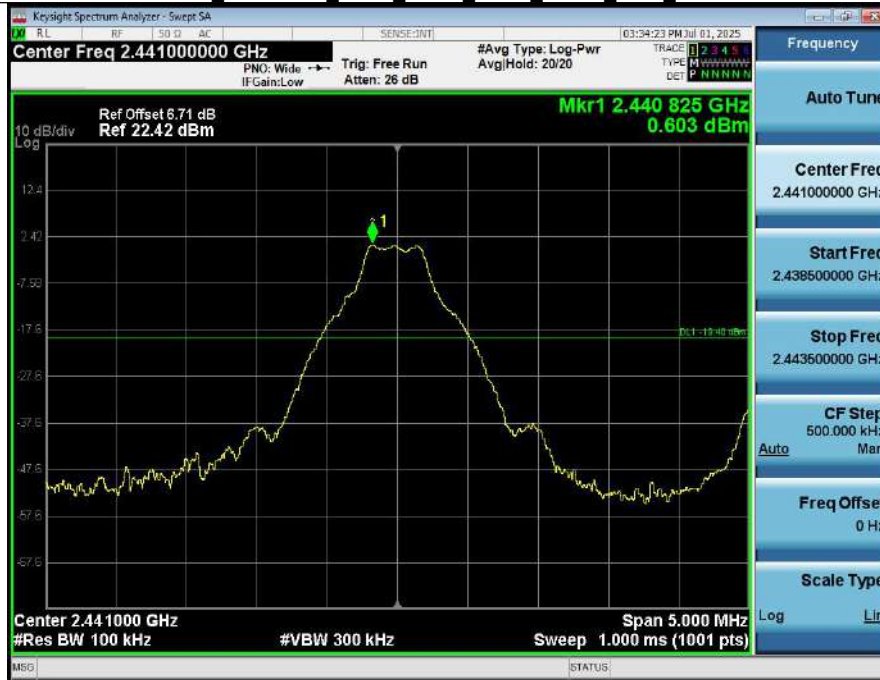
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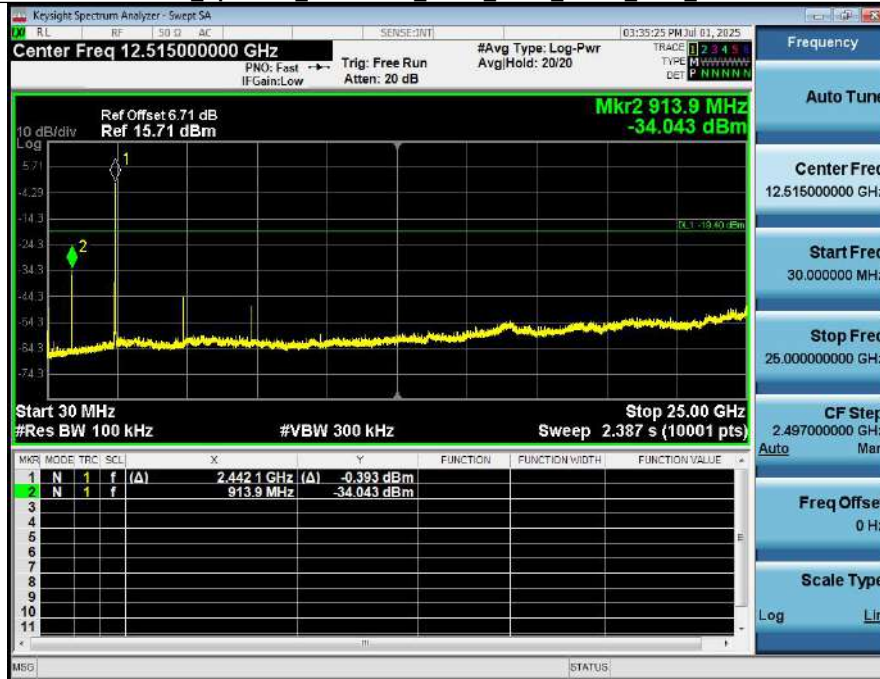
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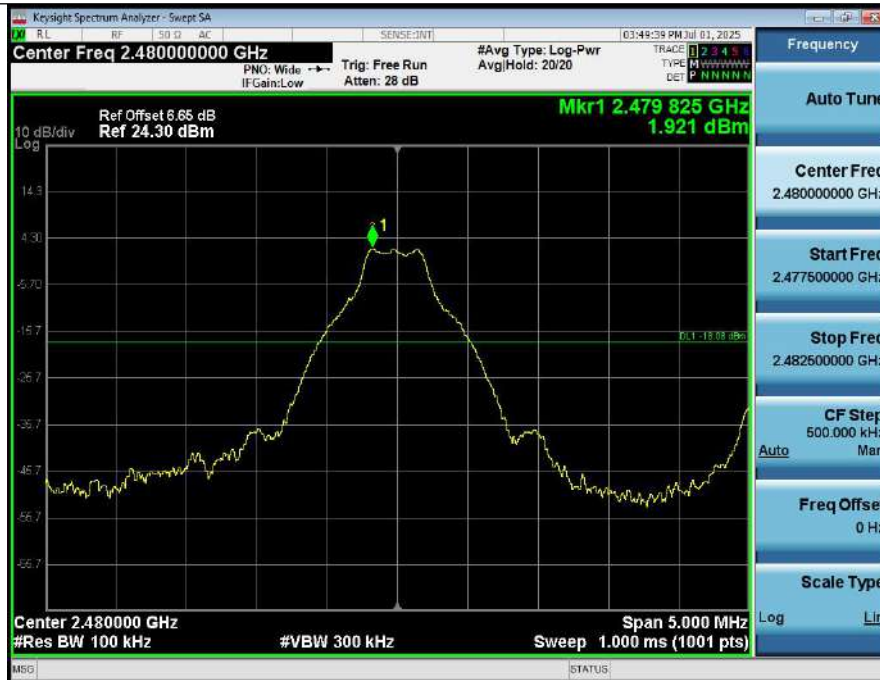
1 Reference Level NVNT ANT1 1-DH1 2441 00



2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



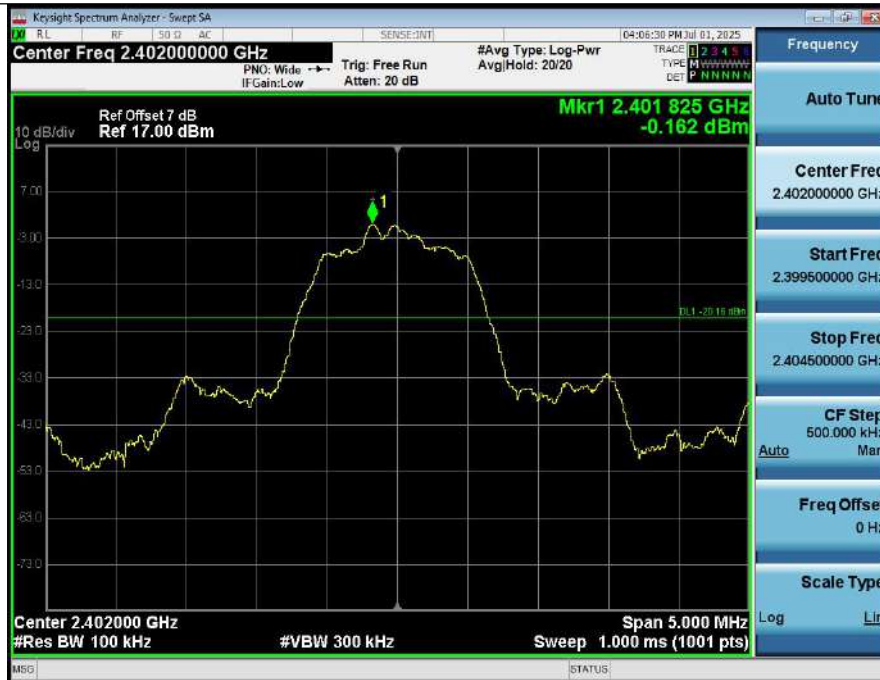
1 Reference Level NVNT ANT1 1-DH1 2480 00



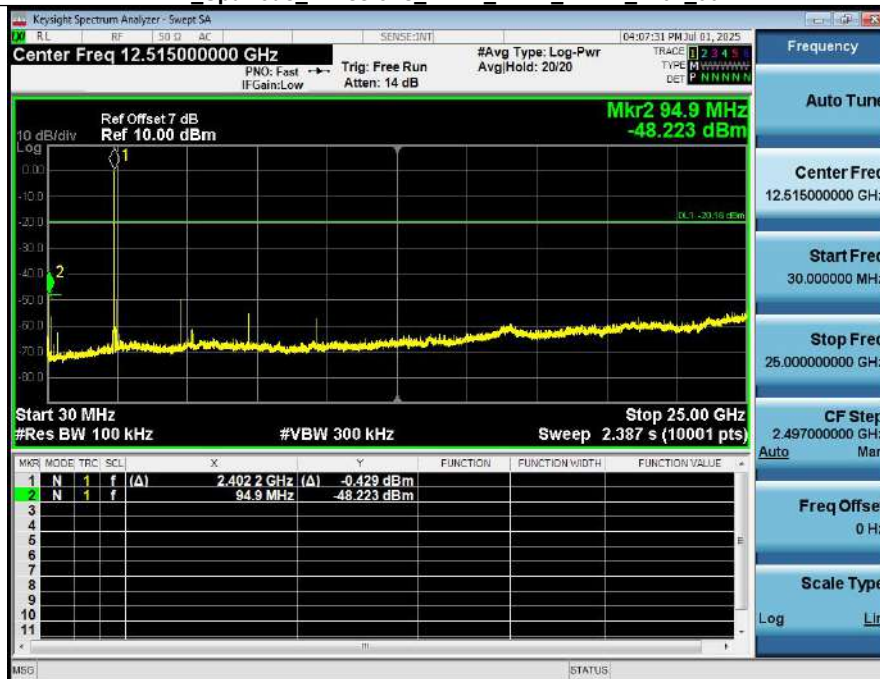
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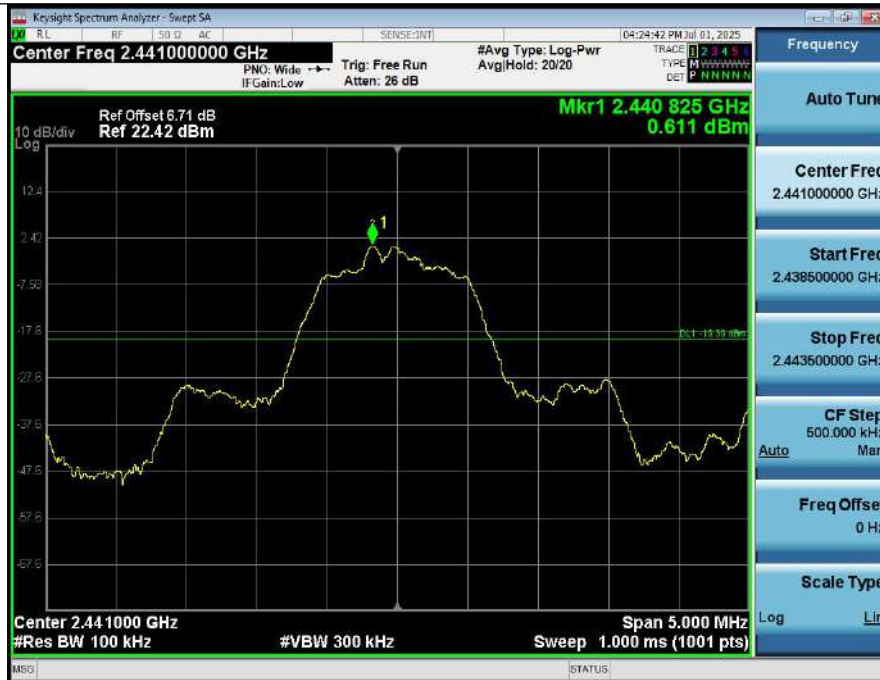
1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



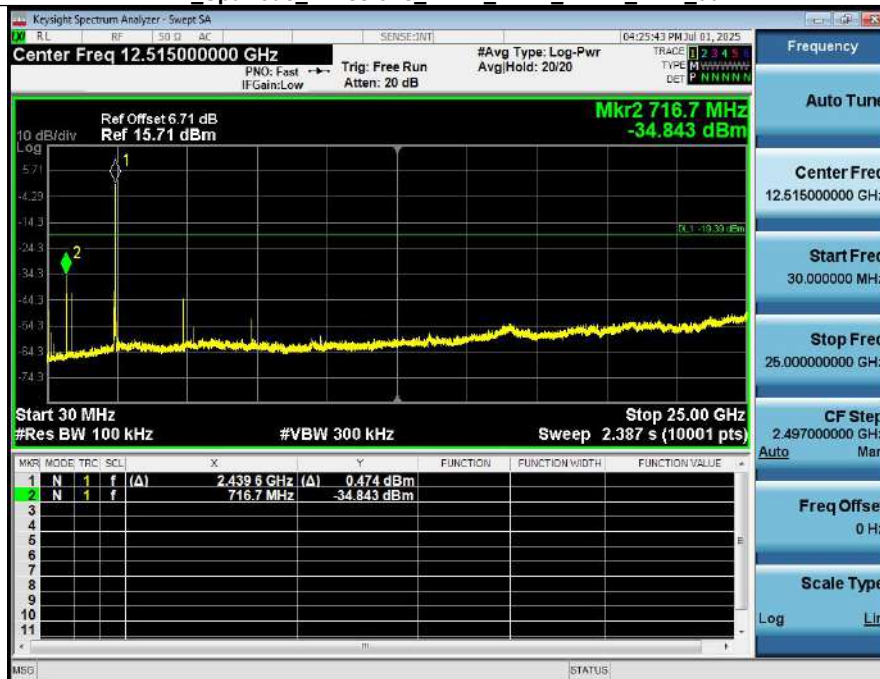
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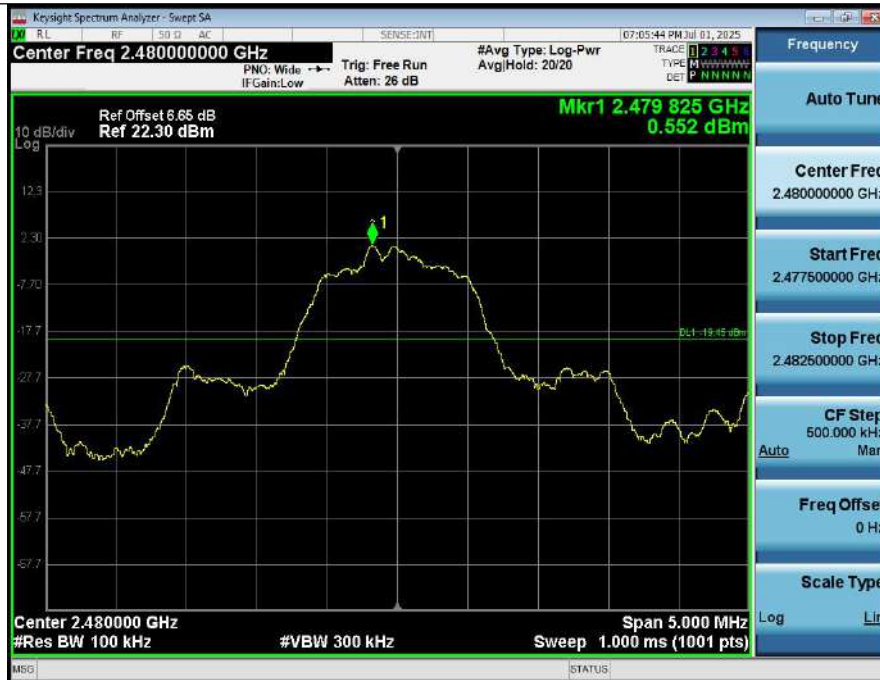
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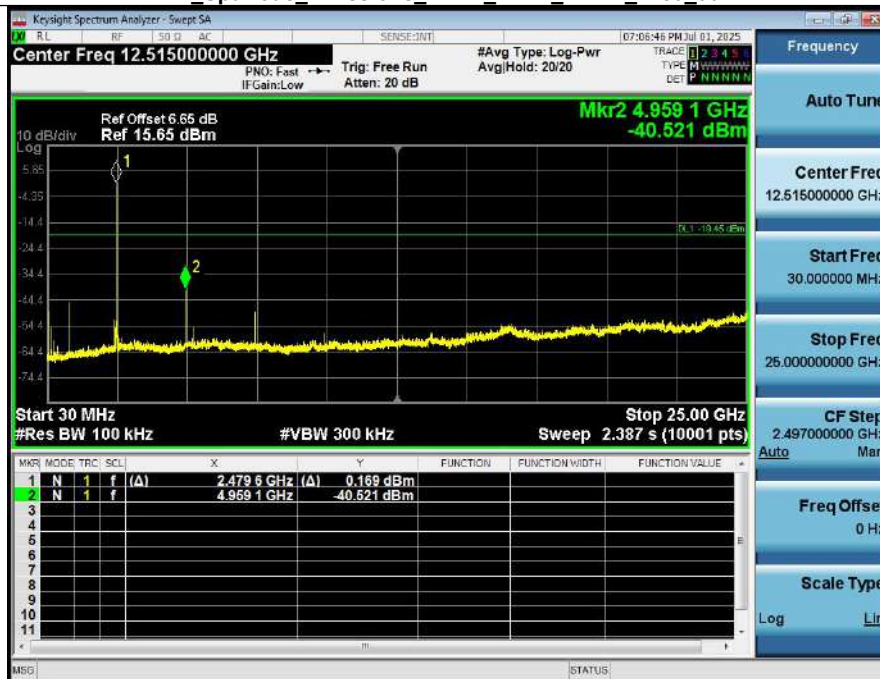
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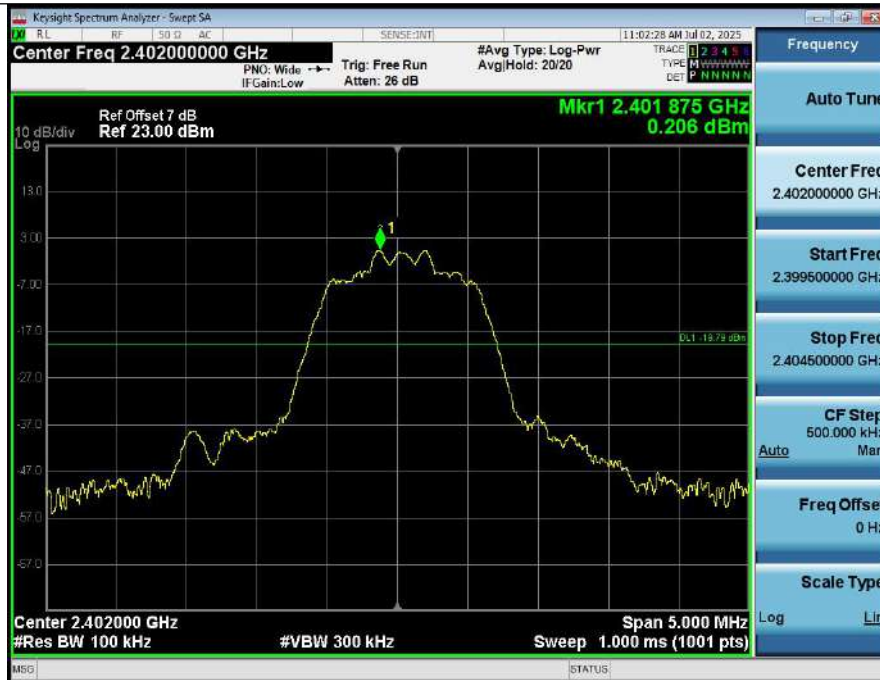
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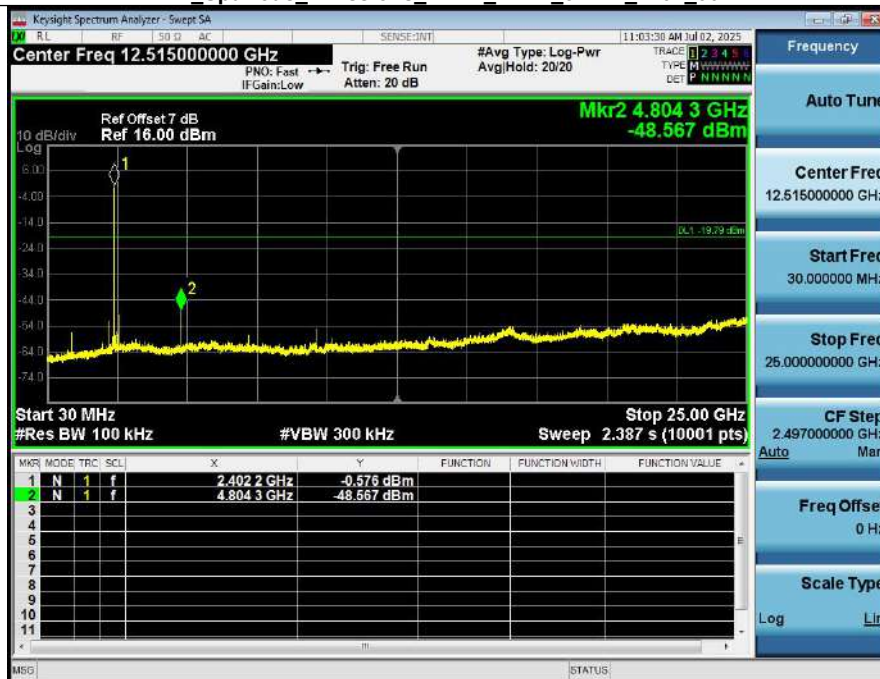
2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



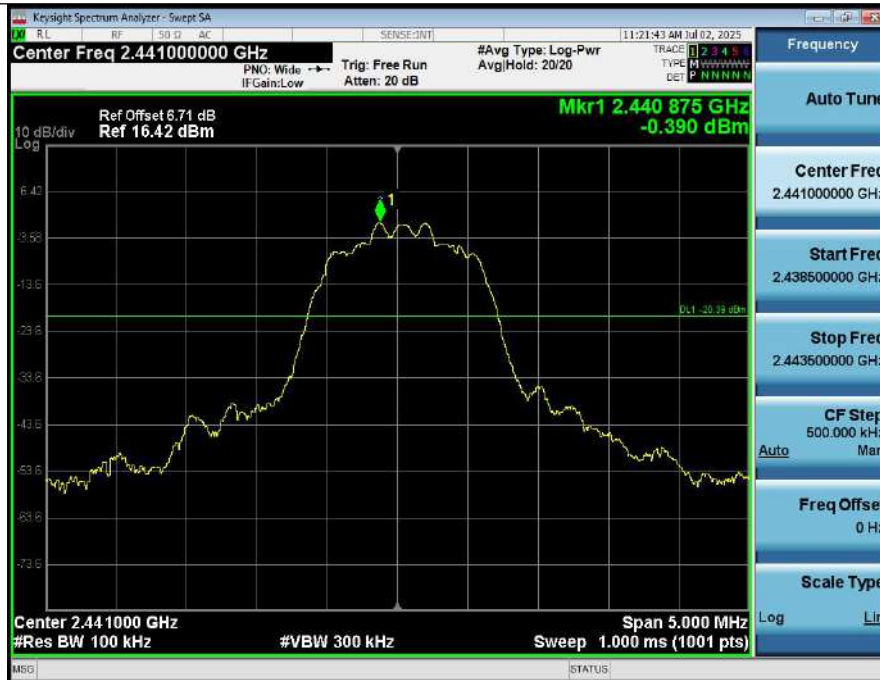
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



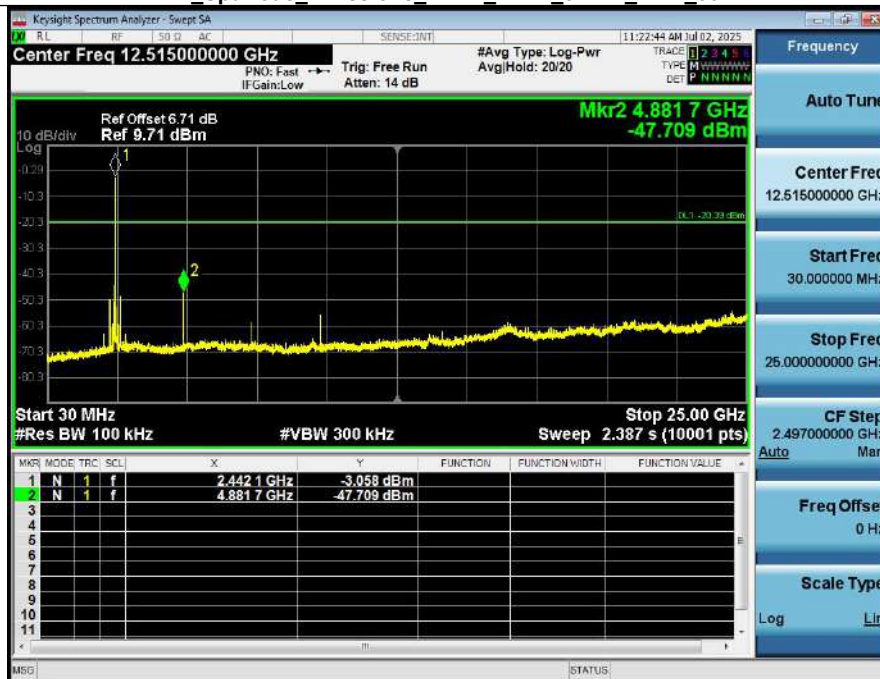
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



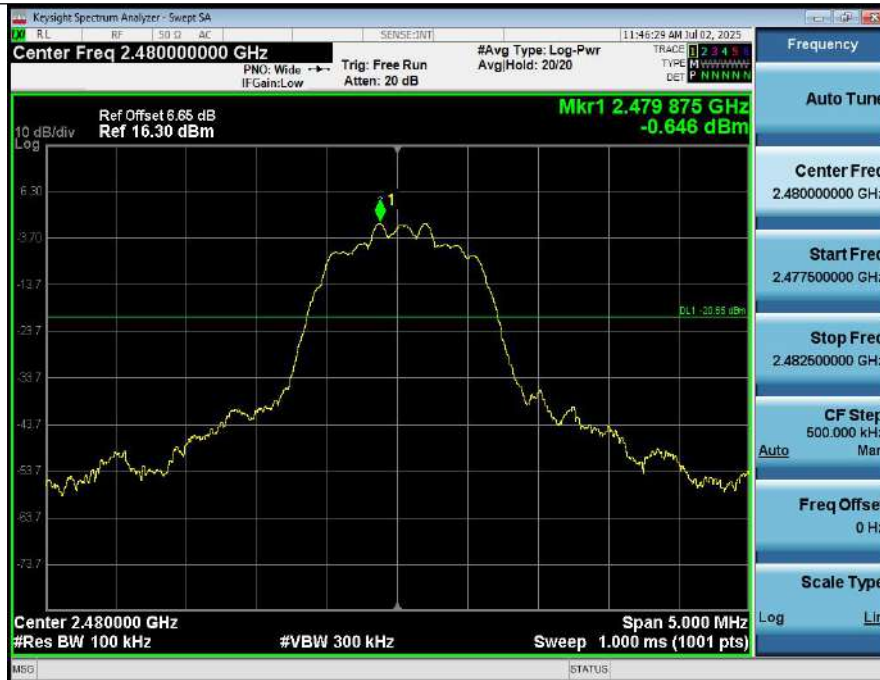
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



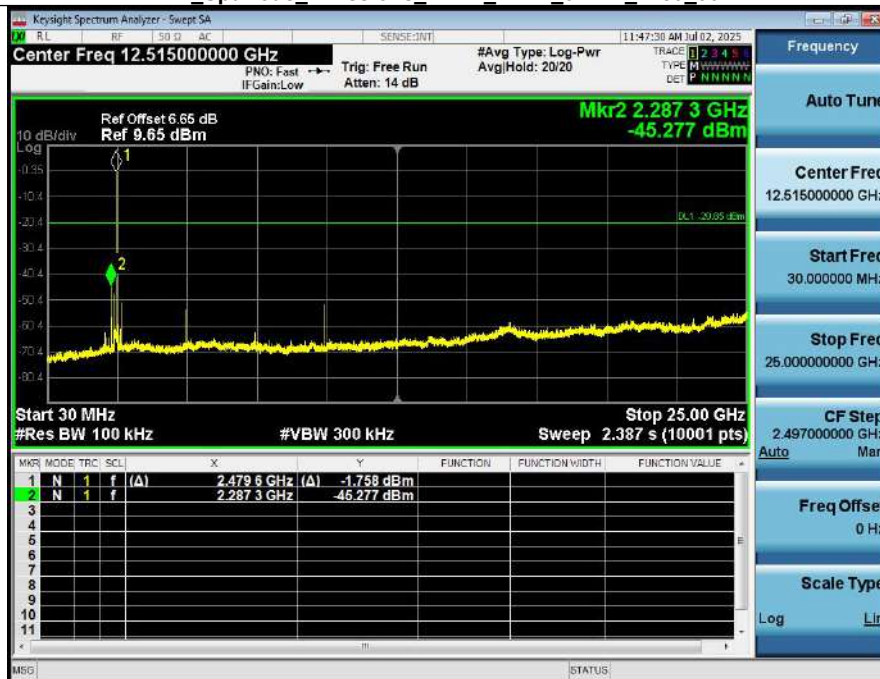
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



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	-1.317	-38.058	-21.317	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.979	-38.559	-19.021	Pass
NVNT	ANT1	1-DH1	2480.00	1.921	-36.663	-18.079	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	1.992	-36.785	-18.008	Pass
NVNT	ANT1	2-DH1	2402.00	-0.162	-36.488	-20.162	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	2.243	-36.656	-17.757	Pass
NVNT	ANT1	2-DH1	2480.00	0.552	-36.868	-19.448	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.656	-38.306	-19.344	Pass
NVNT	ANT1	3-DH1	2402.00	0.206	-49.309	-19.794	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.509	-48.820	-19.491	Pass
NVNT	ANT1	3-DH1	2480.00	-0.646	-61.676	-20.646	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.470	-55.391	-19.530	Pass





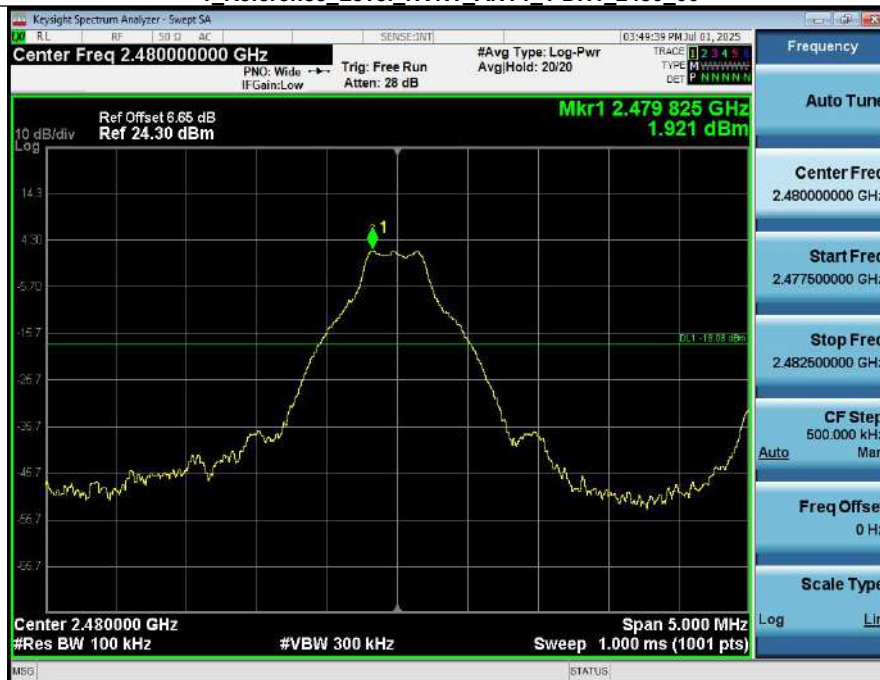
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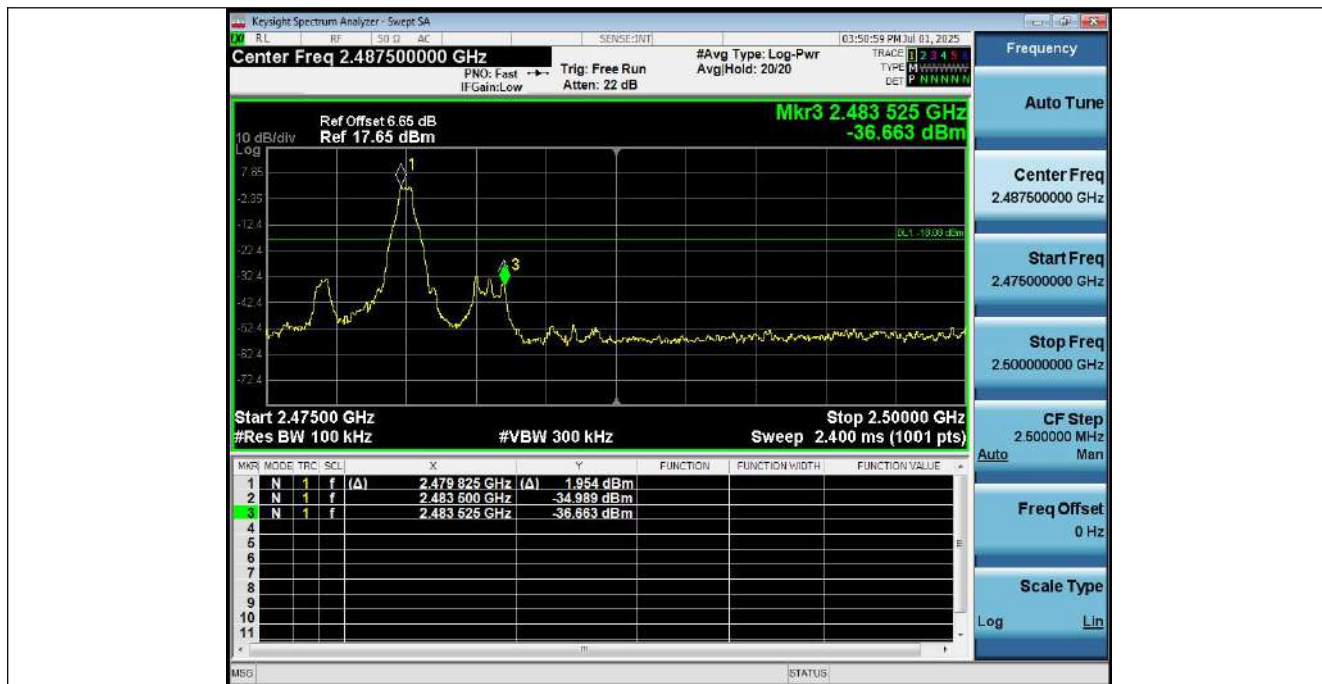
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 1-DH1 2480 00



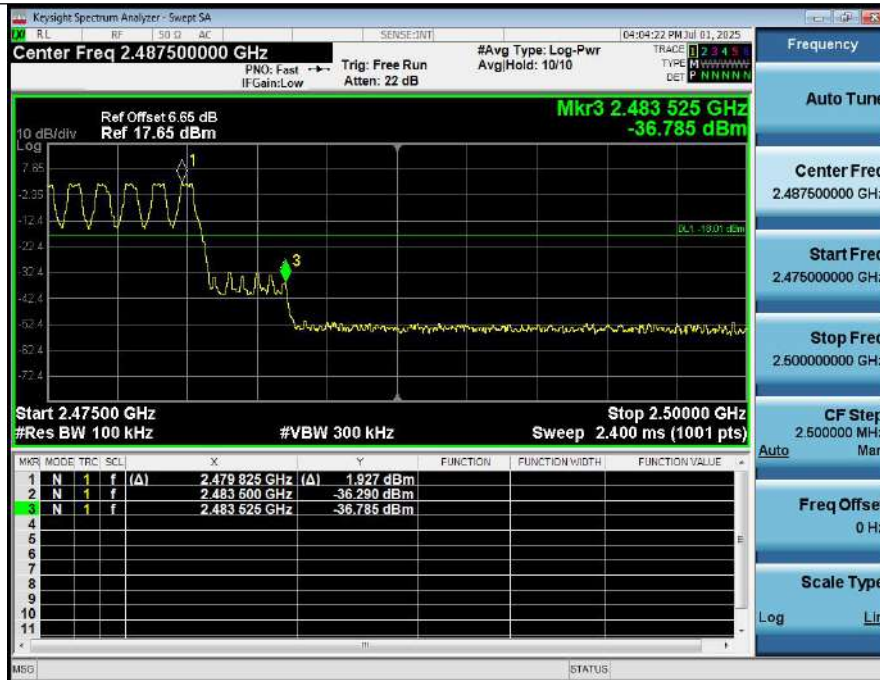
2 Bandedge NVNT ANT1 1-DH1 2480 00



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



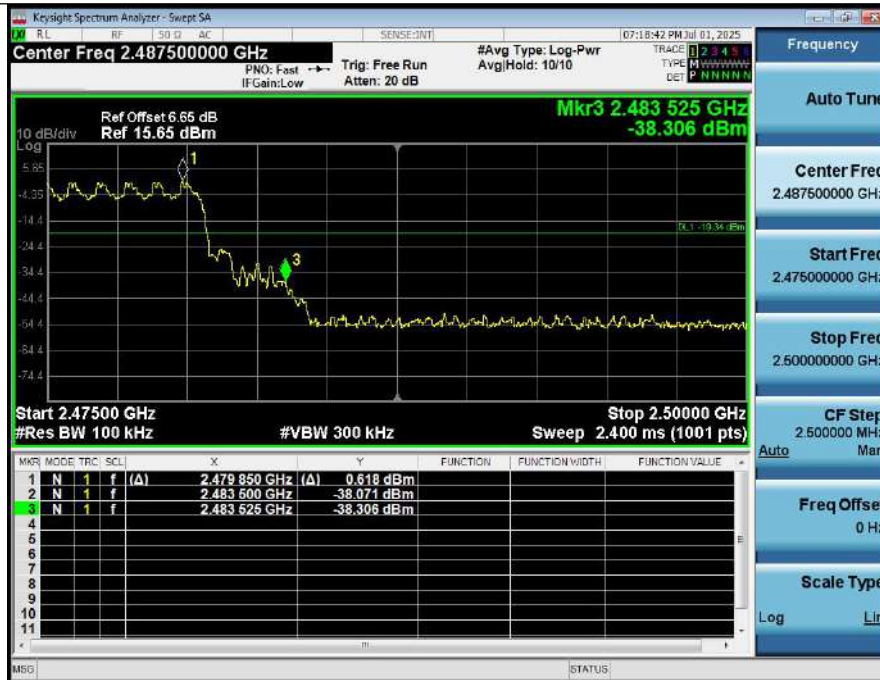
2 Bandedge NVNT ANT1 2-DH1 2480 00



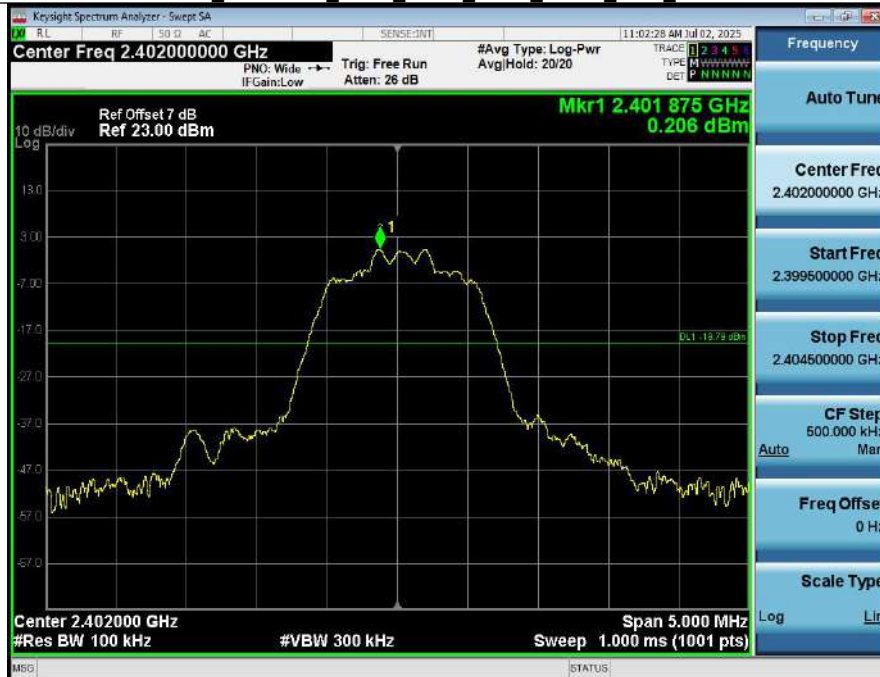
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



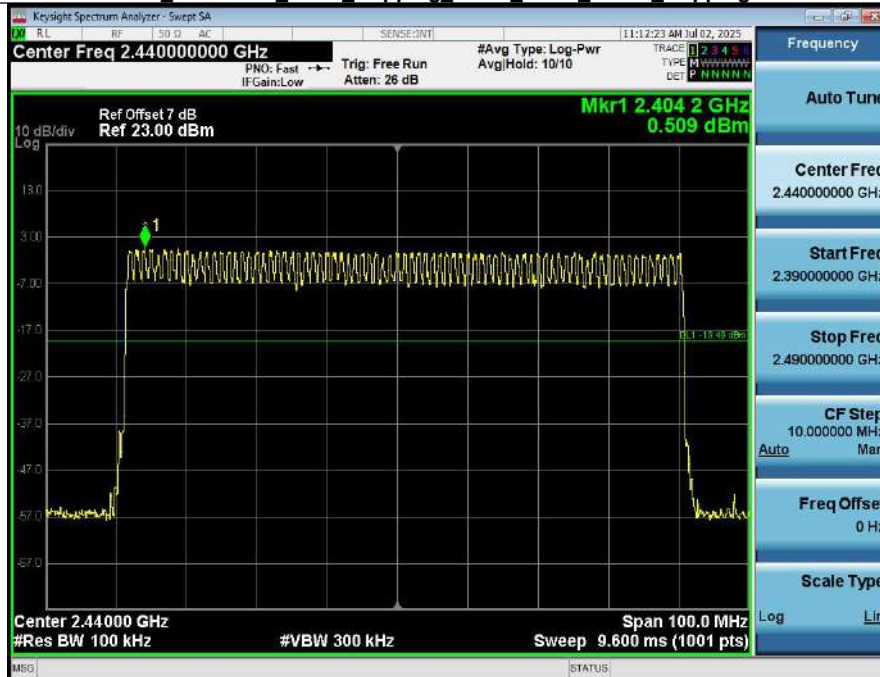
1 Reference Level NVNT ANT1 3-DH1 2402 00



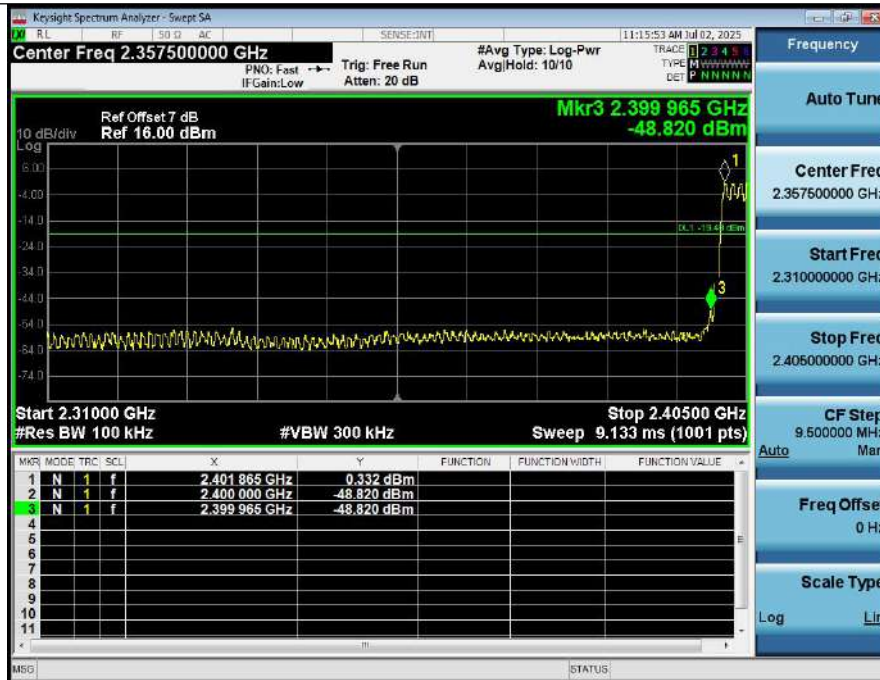
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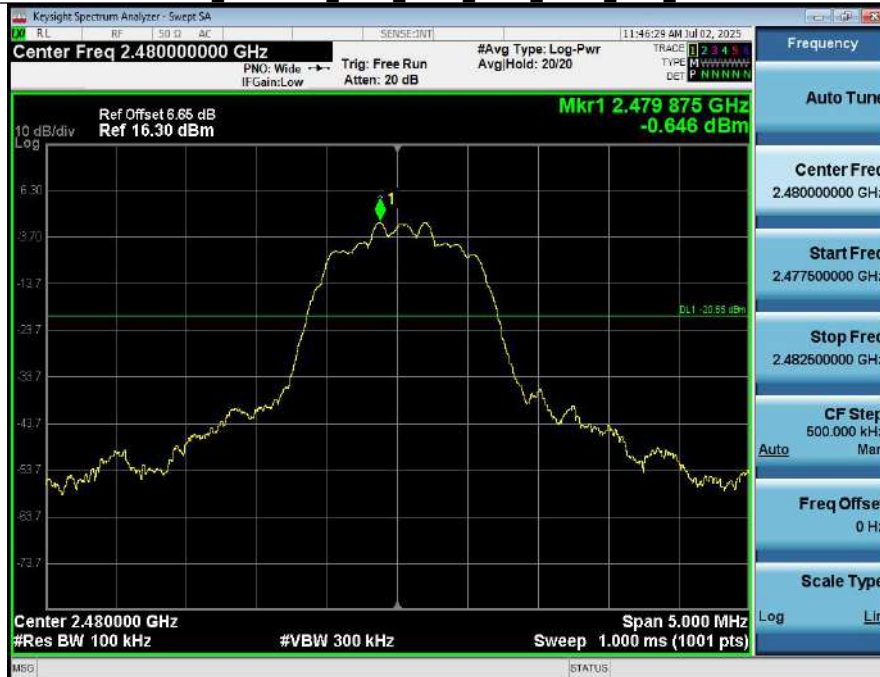
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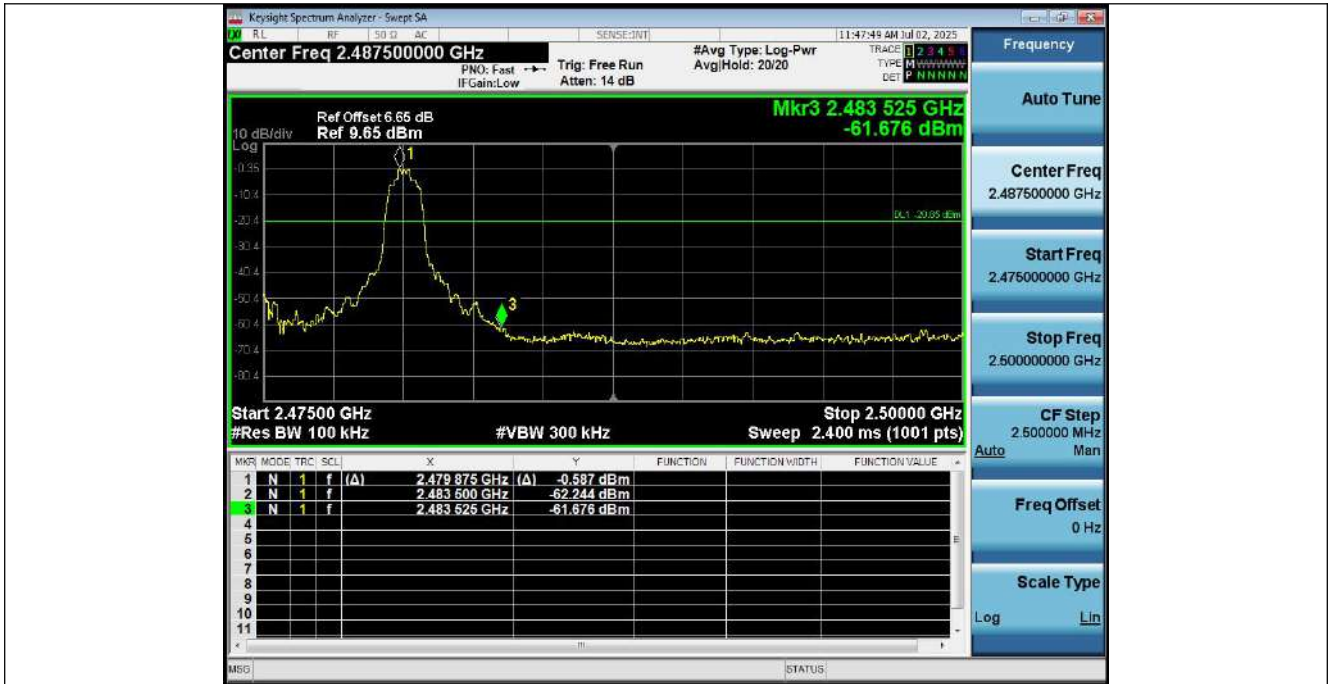
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



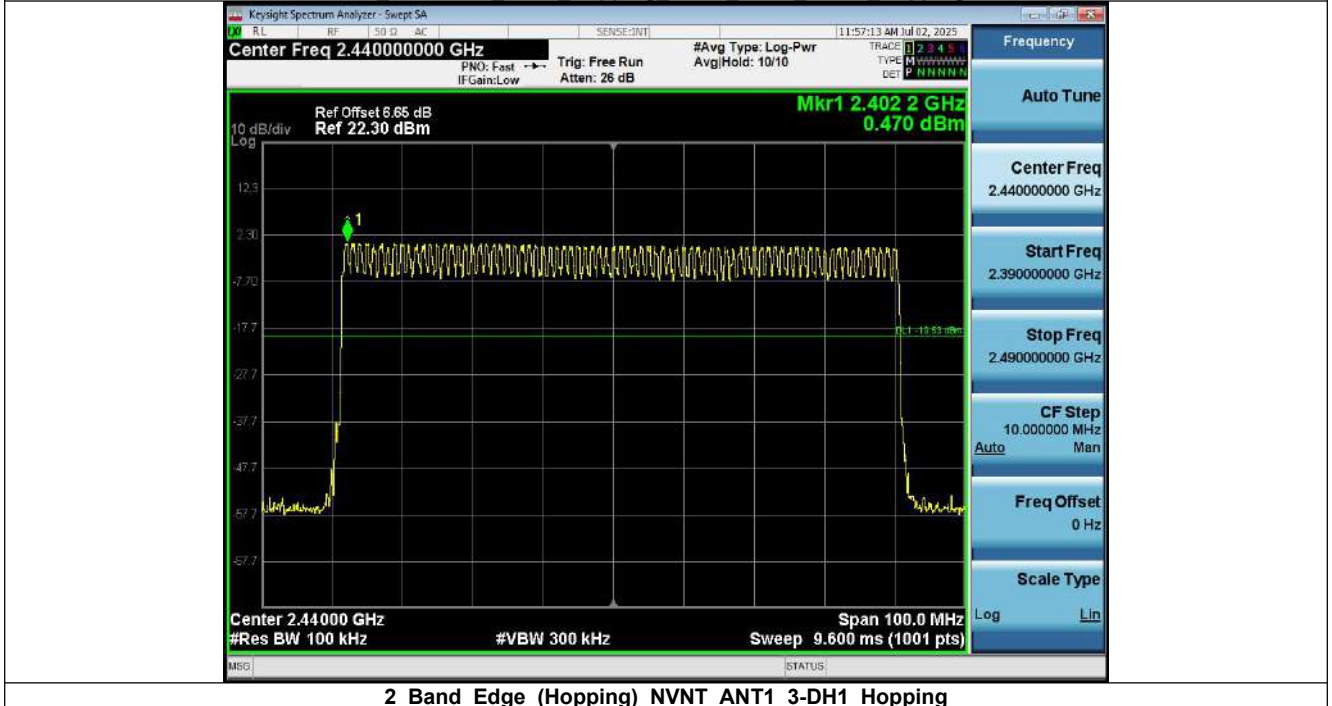
1 Reference Level NVNT ANT1 3-DH1 2480 00



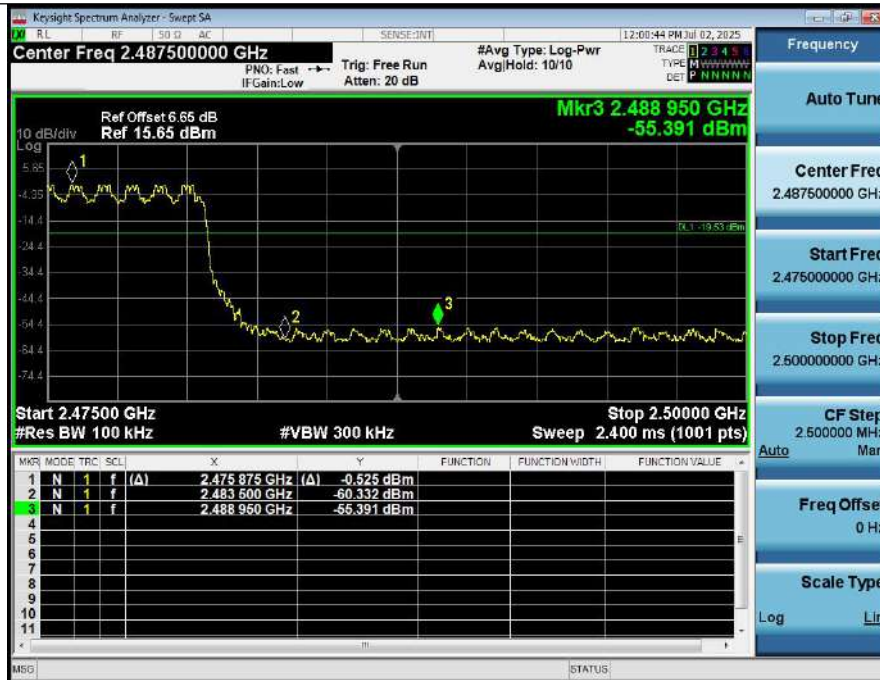
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

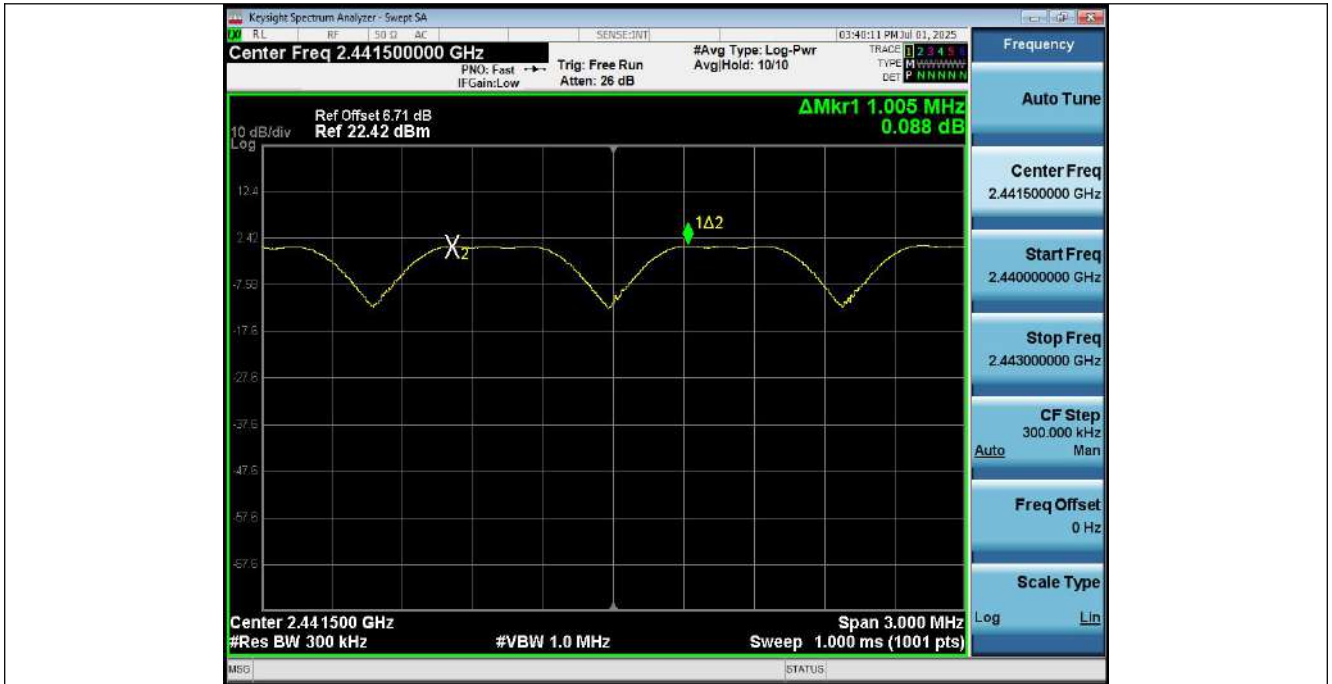


6. Carrier Frequencies Separation (Hopping)

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	2401.822	2402.818	1.00	0.873	Pass
NVNT	ANT1	1-DH1	2441.00	2440.813	2441.818	1.00	0.879	Pass
NVNT	ANT1	1-DH1	2480.00	2478.831	2479.821	0.99	0.879	Pass
NVNT	ANT1	2-DH1	2402.00	2401.819	2402.824	1.00	0.833	Pass
NVNT	ANT1	2-DH1	2441.00	2440.819	2441.830	1.01	0.853	Pass
NVNT	ANT1	2-DH1	2480.00	2478.825	2479.827	1.00	0.850	Pass
NVNT	ANT1	3-DH1	2402.00	2401.867	2402.884	1.02	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.873	2441.881	1.01	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.876	2479.875	1.00	0.836	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

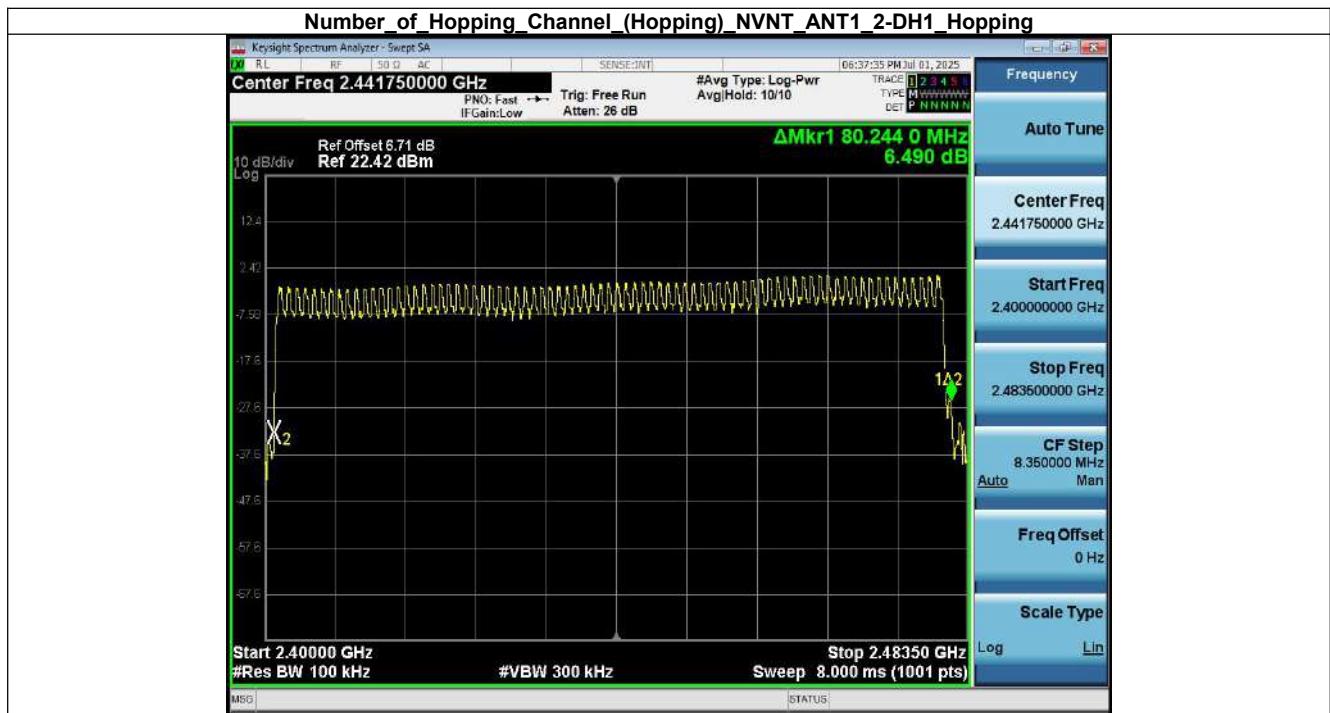


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

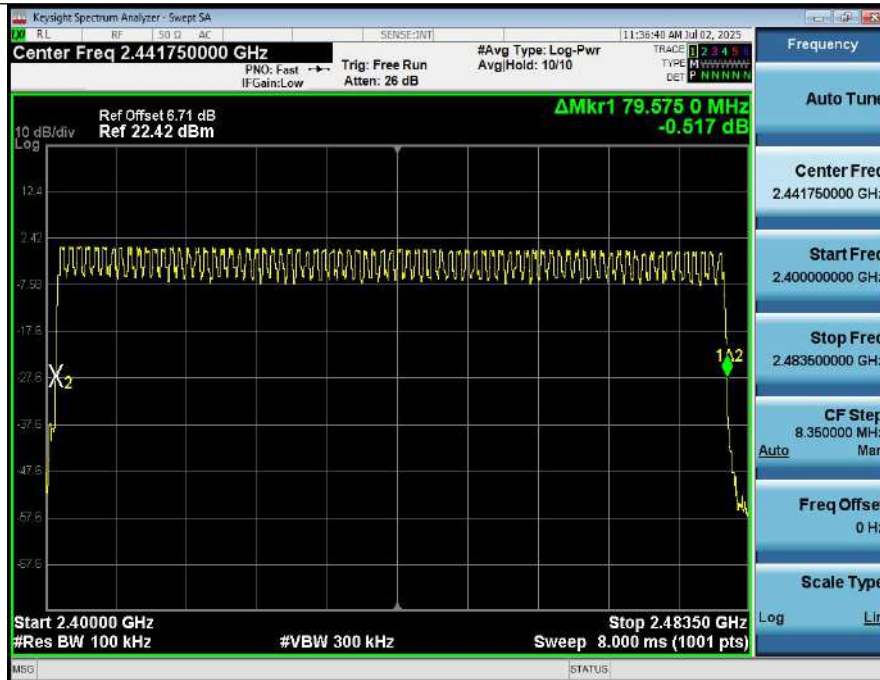


7. Number of Hopping Channel (Hopping)

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



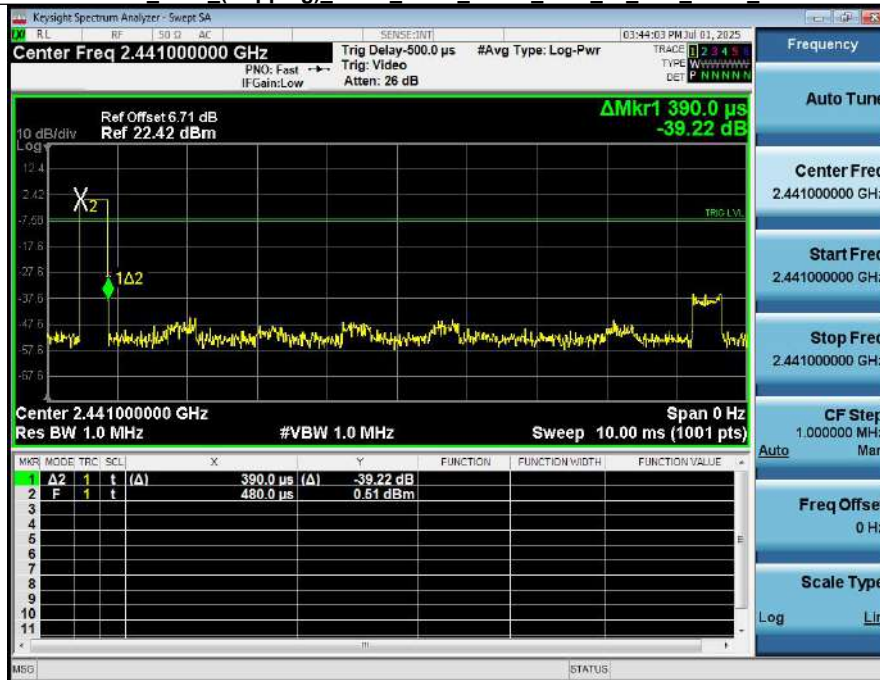
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



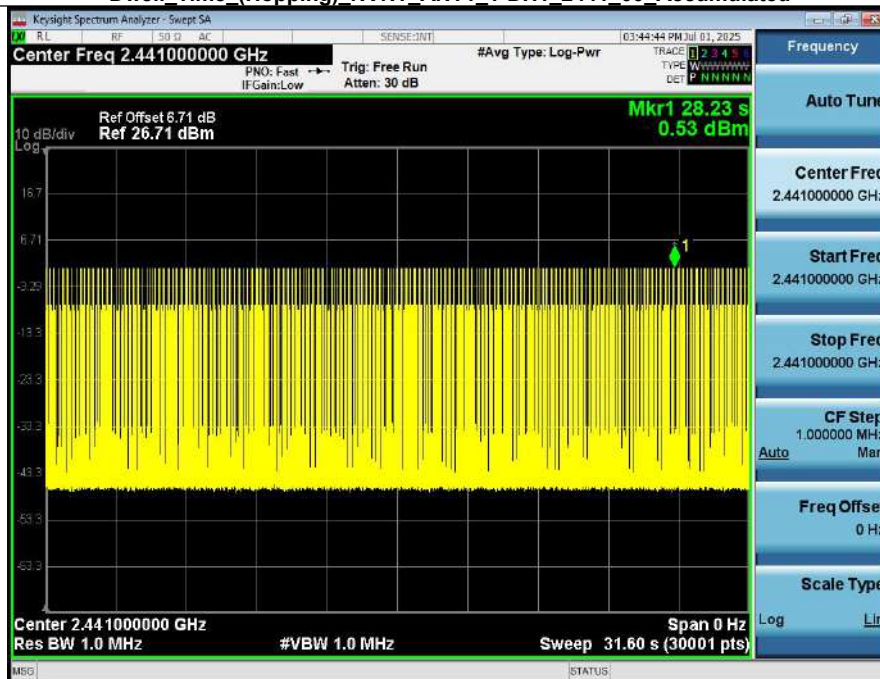
8. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	319.00	124.410	0.40	Pass
NVNT	ANT1	2-DH1	0.410	318.00	130.380	0.40	Pass
NVNT	ANT1	3-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	1-DH5	1.650	151.00	249.150	0.40	Pass
NVNT	ANT1	1-DH5	2.900	103.00	298.700	0.40	Pass
NVNT	ANT1	2-DH3	1.660	162.00	268.920	0.40	Pass
NVNT	ANT1	2-DH5	2.910	97.00	282.270	0.40	Pass
NVNT	ANT1	3-DH3	1.660	164.00	272.240	0.40	Pass
NVNT	ANT1	3-DH5	2.910	97.00	282.270	0.40	Pass

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



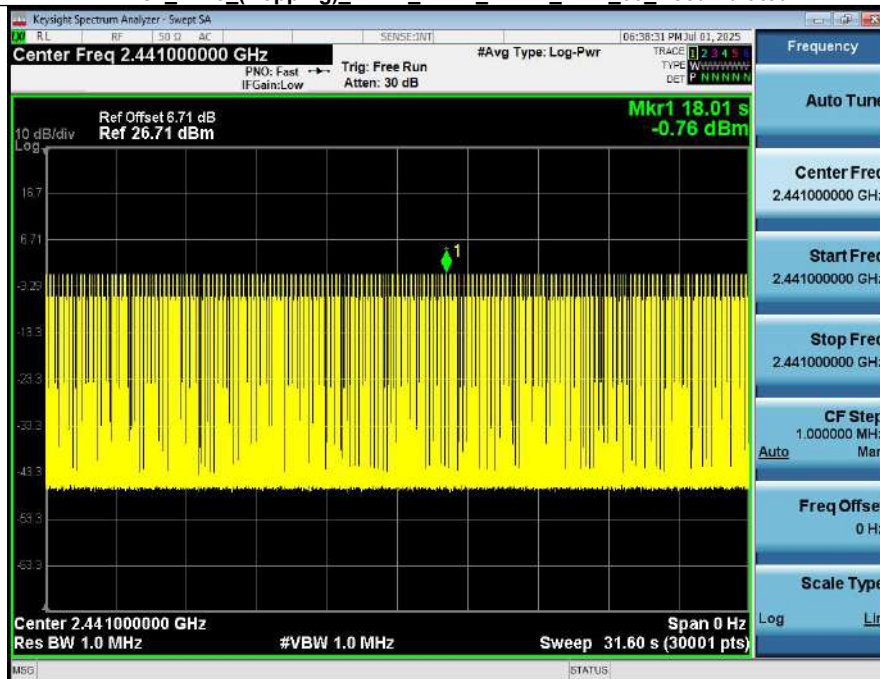
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



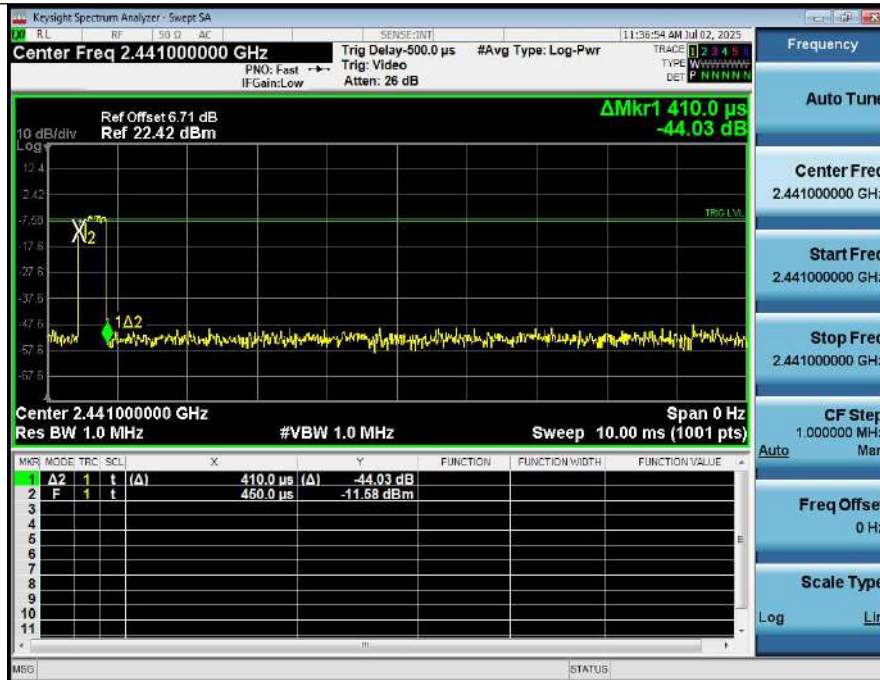
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



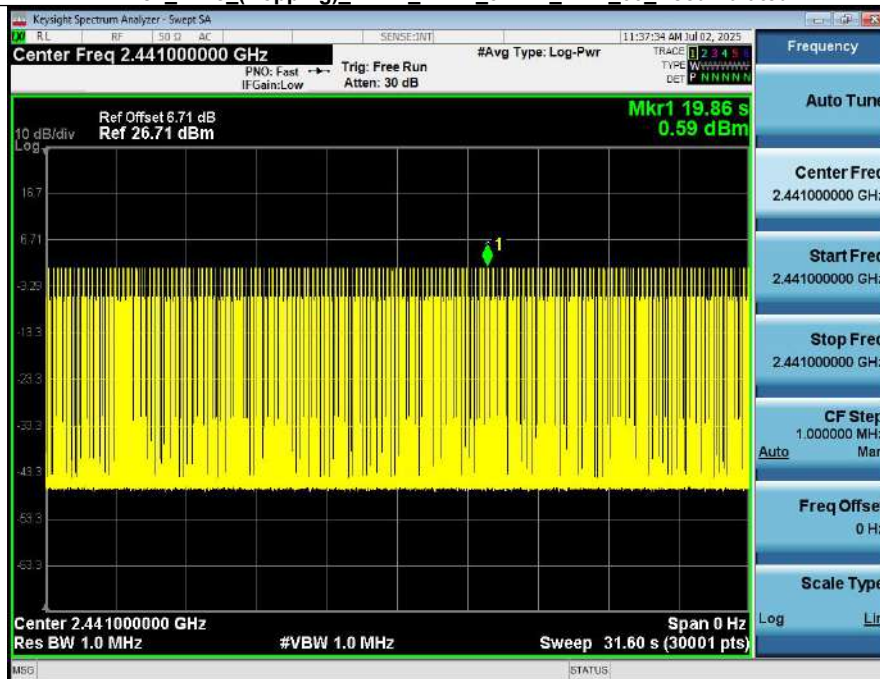
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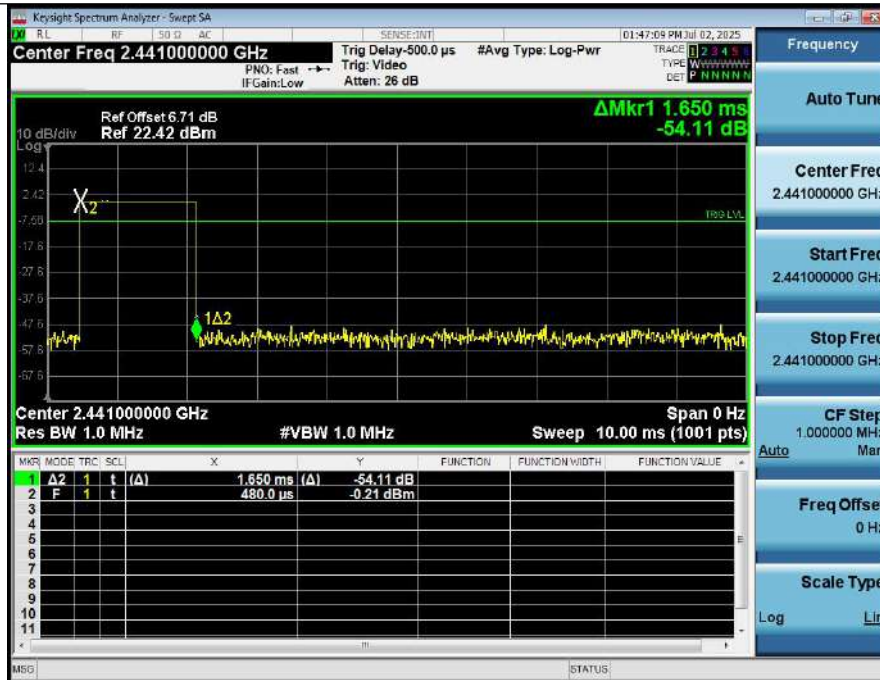
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



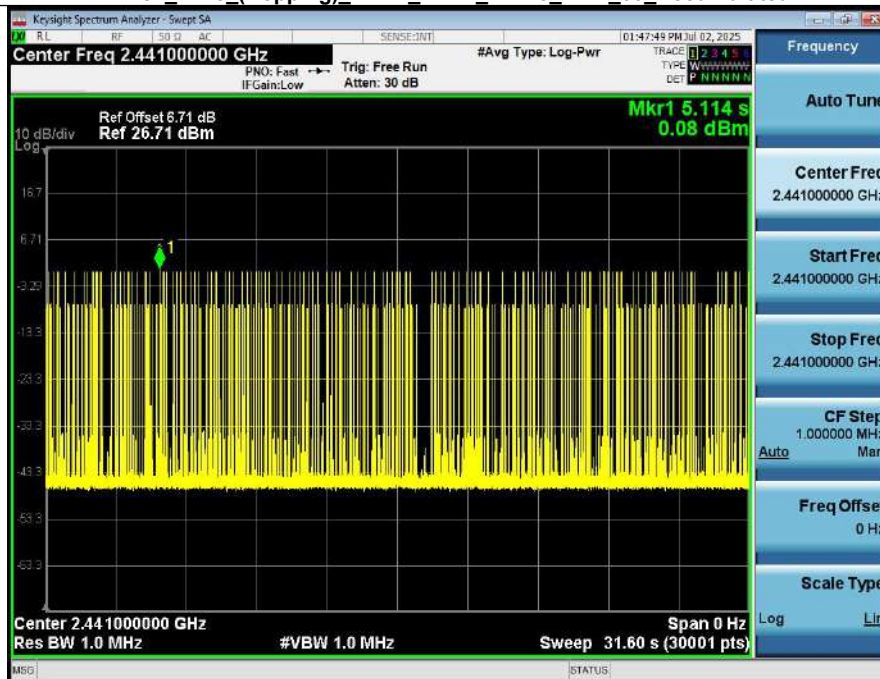
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



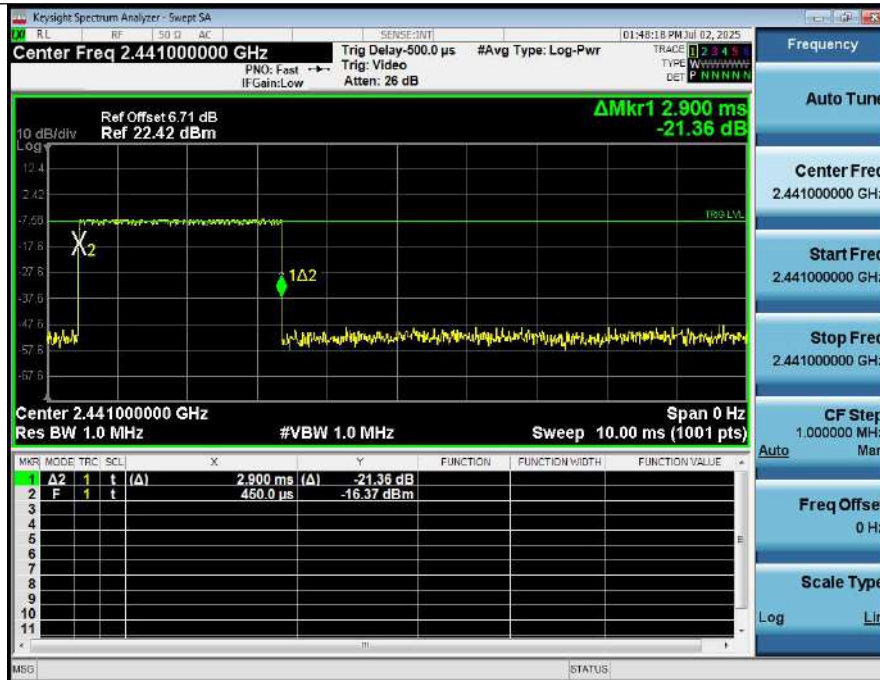
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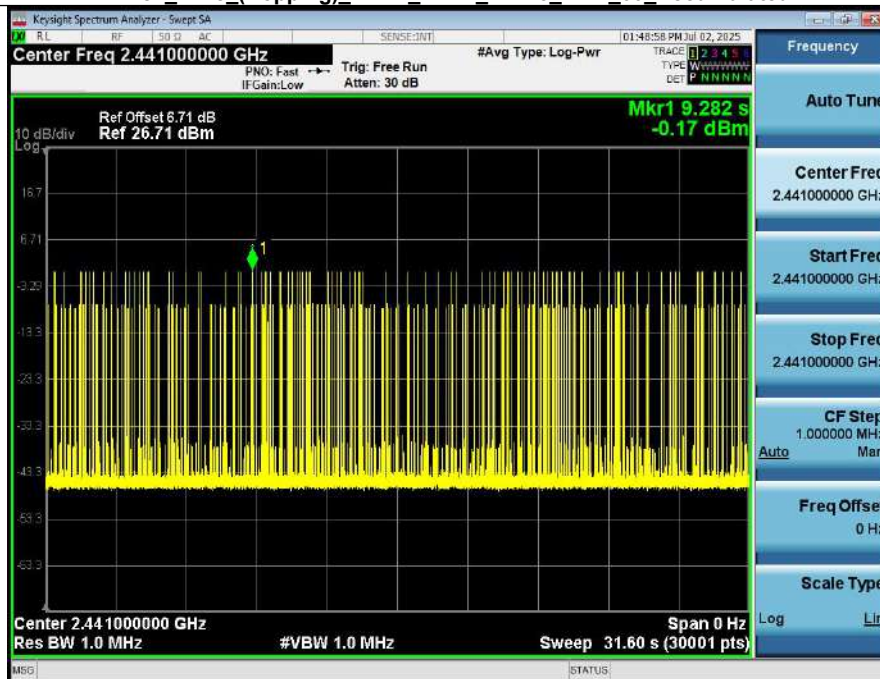
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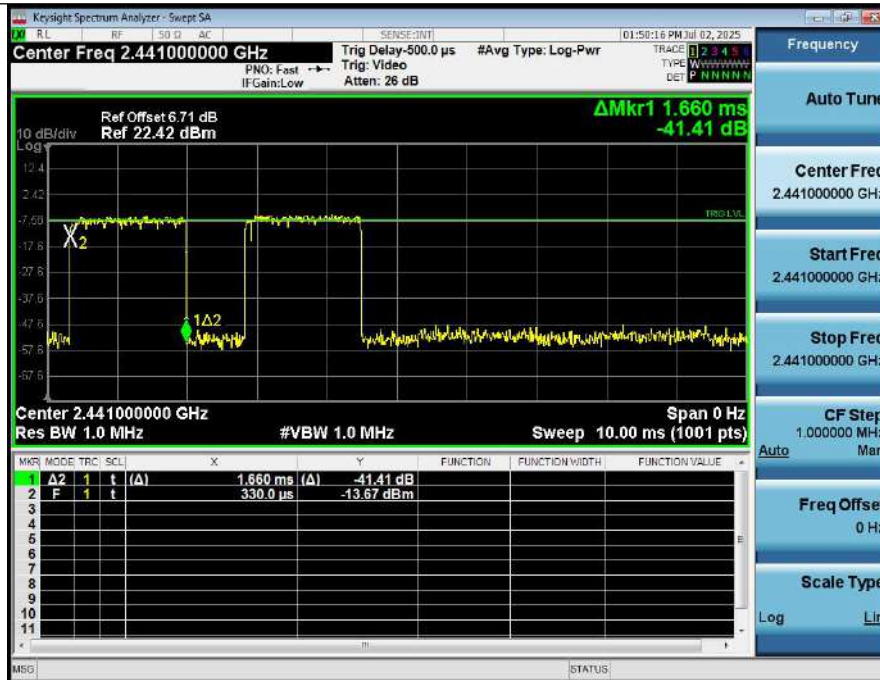
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



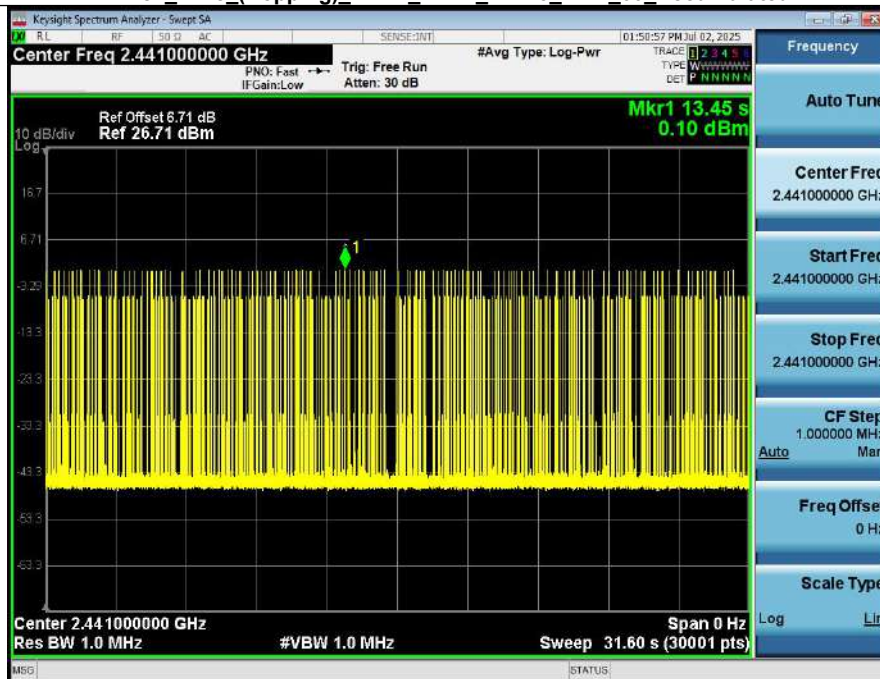
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



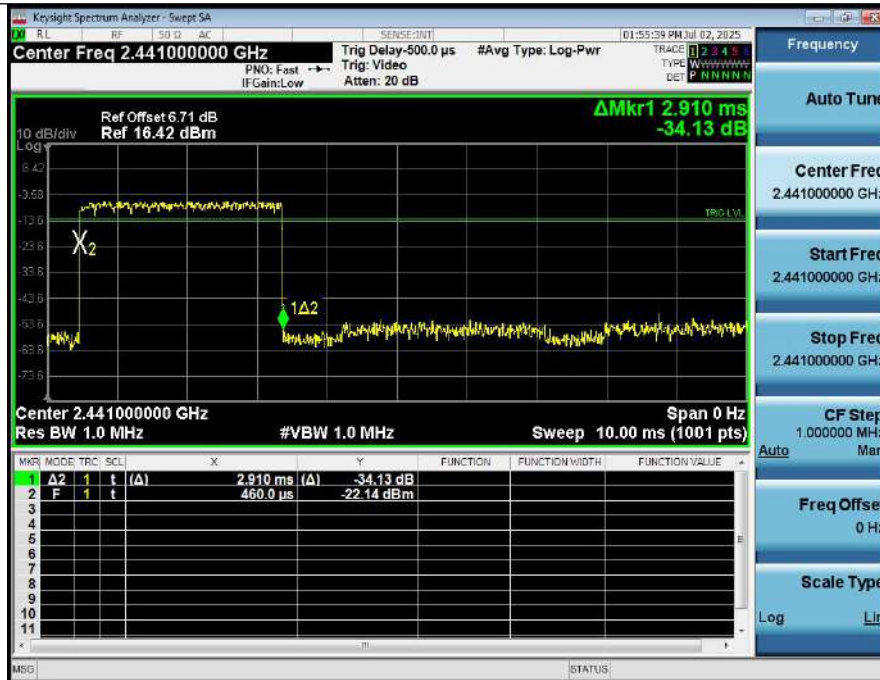
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



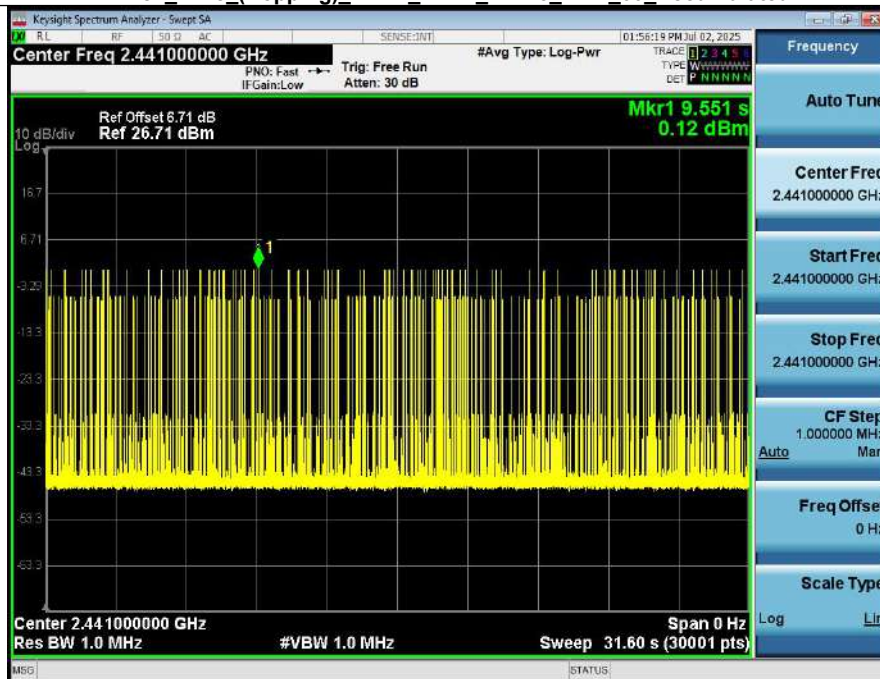
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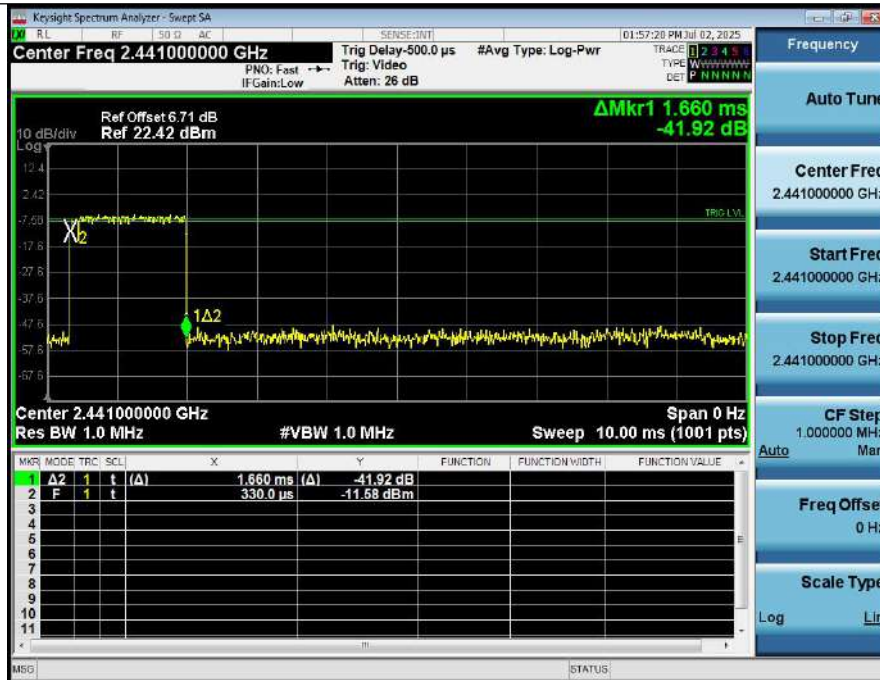
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



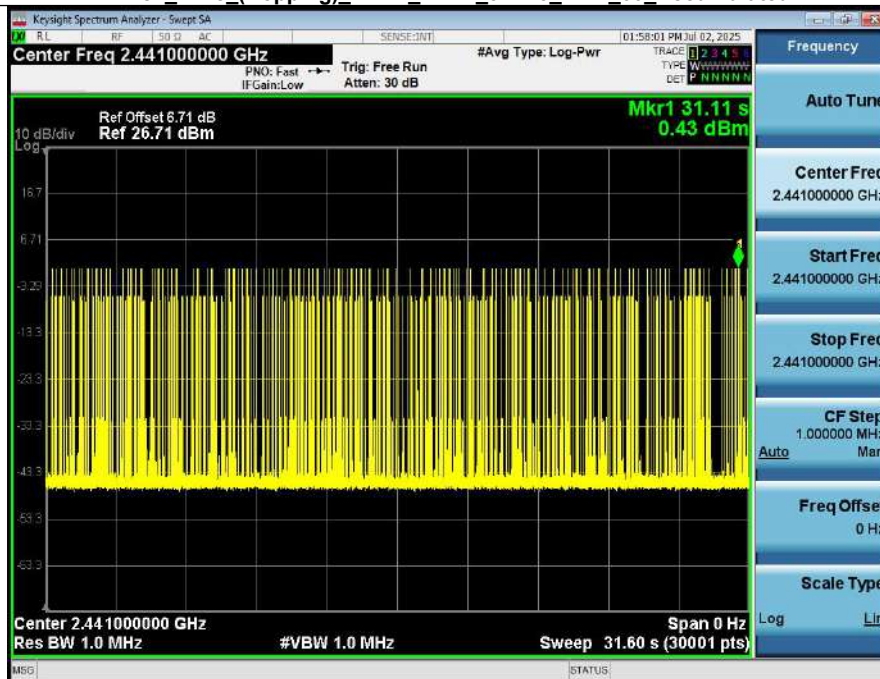
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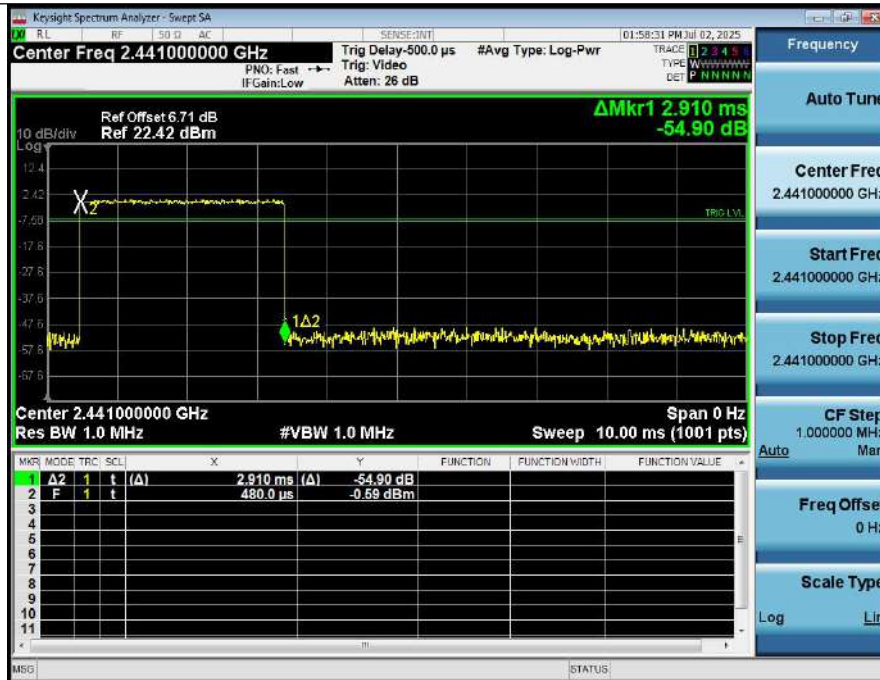
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

