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FCC ID:2BQJPKS2504

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	0.877	No
NVNT	ANT1	1-DH1	2441.00	0.880	No
NVNT	ANT1	1-DH1	2480.00	0.913	No
NVNT	ANT1	2-DH1	2402.00	1.269	Yes
NVNT	ANT1	2-DH1	2441.00	1.258	Yes
NVNT	ANT1	2-DH1	2480.00	1.265	Yes
NVNT	ANT1	3-DH1	2402.00	1.224	Yes
NVNT	ANT1	3-DH1	2441.00	1.226	Yes
NVNT	ANT1	3-DH1	2480.00	1.248	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

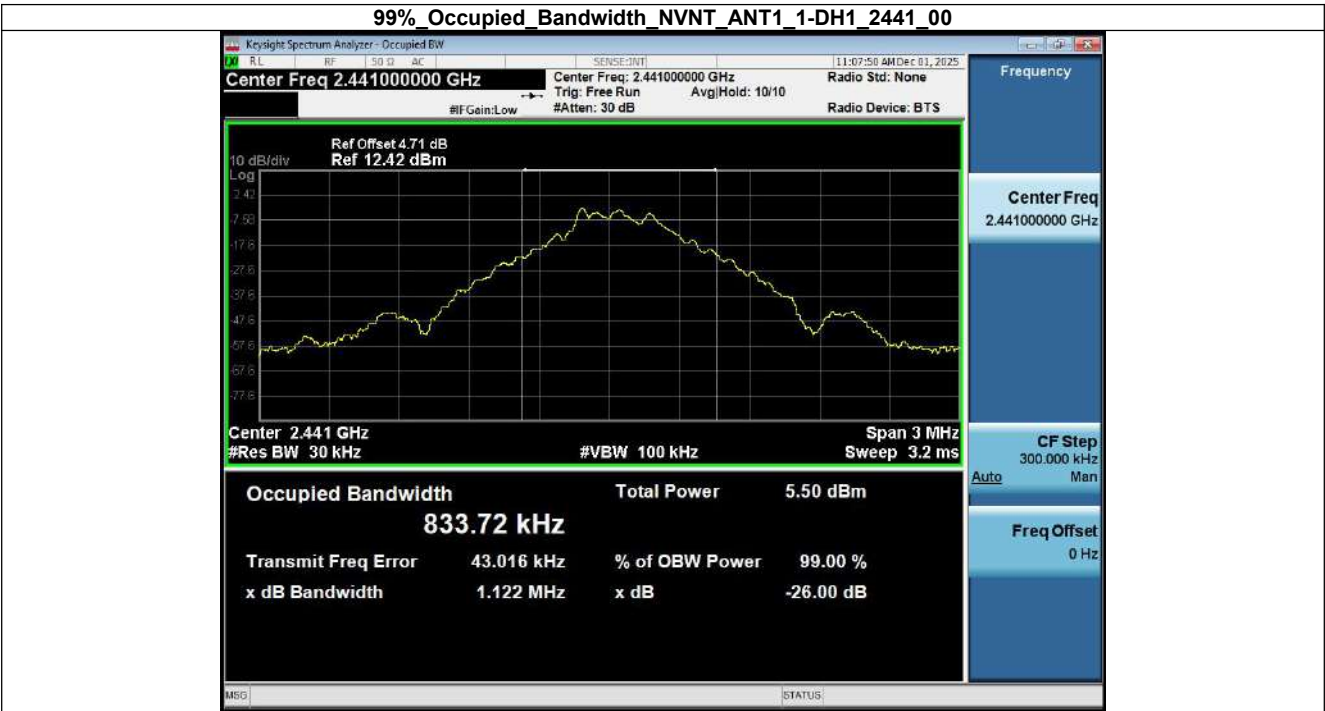


-20dB Bandwidth NVNT_ANT1_3-DH1_2480_00



2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.833
NVNT	ANT1	1-DH1	2441.00	0.834
NVNT	ANT1	1-DH1	2480.00	0.837
NVNT	ANT1	2-DH1	2402.00	1.171
NVNT	ANT1	2-DH1	2441.00	1.170
NVNT	ANT1	2-DH1	2480.00	1.172
NVNT	ANT1	3-DH1	2402.00	1.151
NVNT	ANT1	3-DH1	2441.00	1.153
NVNT	ANT1	3-DH1	2480.00	1.155



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



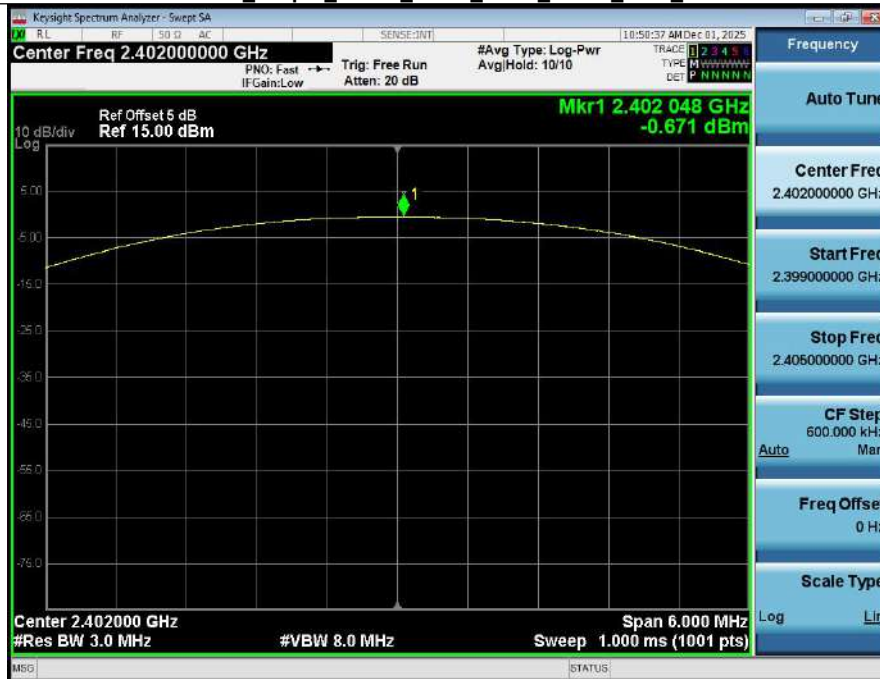
99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



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	-0.67	0.86	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.03	0.99	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.92	0.64	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.19	1.05	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.64	0.86	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.10	0.78	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.76	1.19	125	Pass
NVNT	ANT1	3-DH1	2441.00	-0.03	0.99	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.50	0.89	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

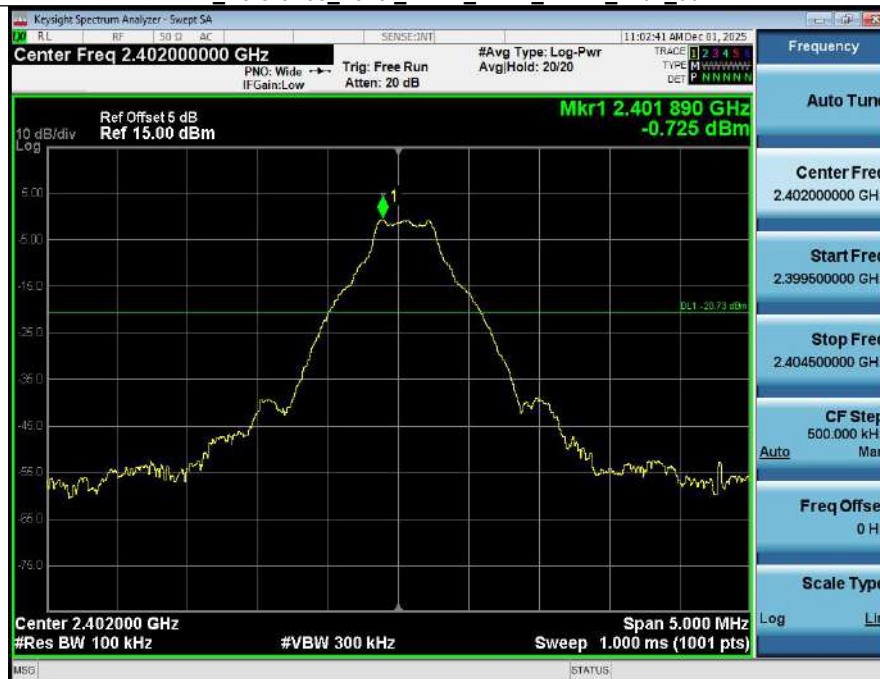


Peak Output Power NVNT_ANT1_3-DH1_2480_00

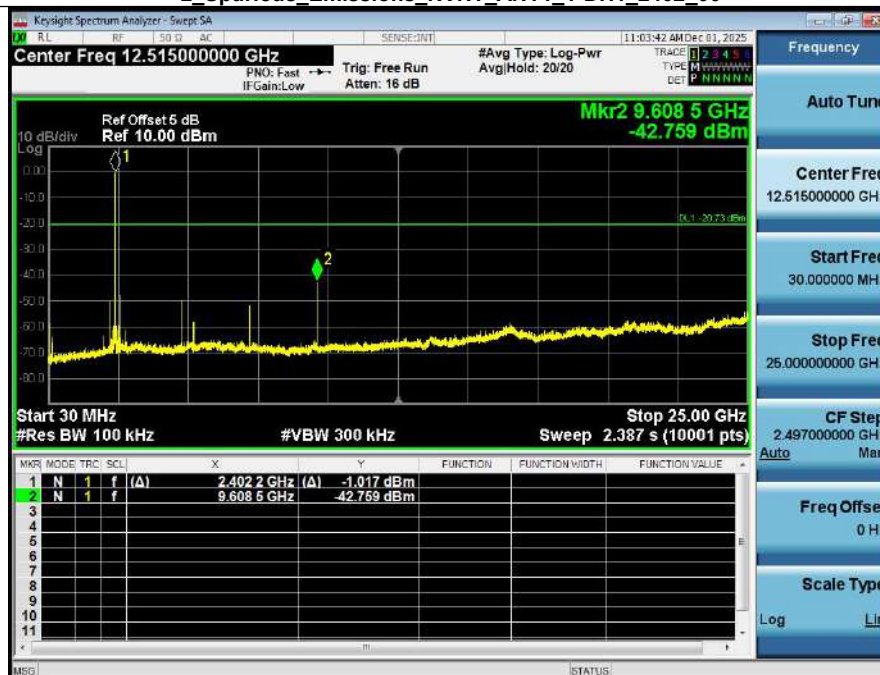
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.725	-42.759	-20.725	Pass
NVNT	ANT1	1-DH1	2441.00	-1.536	-42.362	-21.536	Pass
NVNT	ANT1	1-DH1	2480.00	-2.005	-42.045	-22.005	Pass
NVNT	ANT1	2-DH1	2402.00	-0.741	-42.618	-20.741	Pass
NVNT	ANT1	2-DH1	2441.00	-1.555	-42.326	-21.555	Pass
NVNT	ANT1	2-DH1	2480.00	-2.025	-41.898	-22.025	Pass
NVNT	ANT1	3-DH1	2402.00	-0.756	-42.413	-20.756	Pass
NVNT	ANT1	3-DH1	2441.00	-1.551	-42.235	-21.551	Pass
NVNT	ANT1	3-DH1	2480.00	-2.021	-42.158	-22.021	Pass

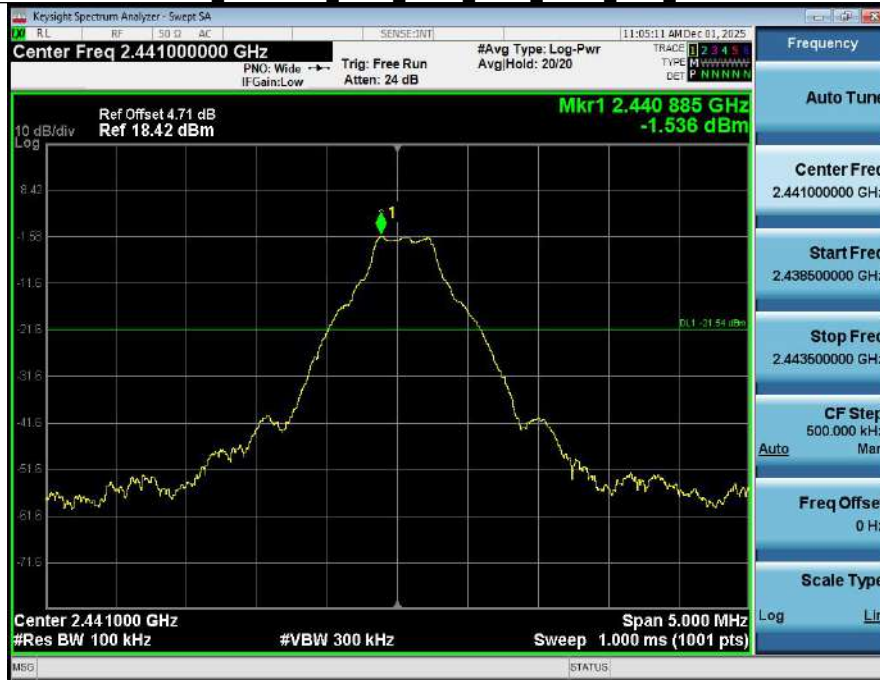
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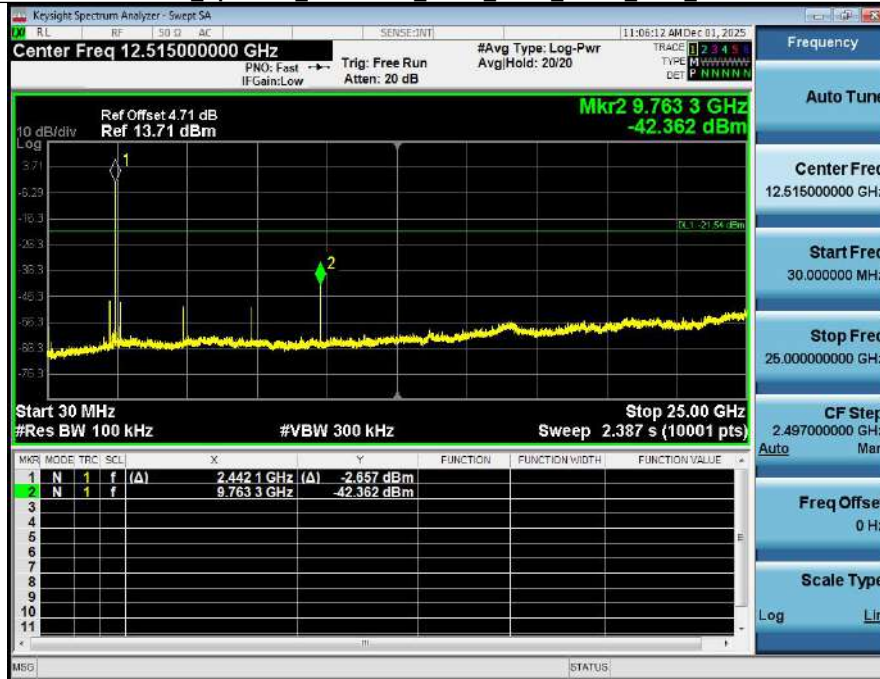
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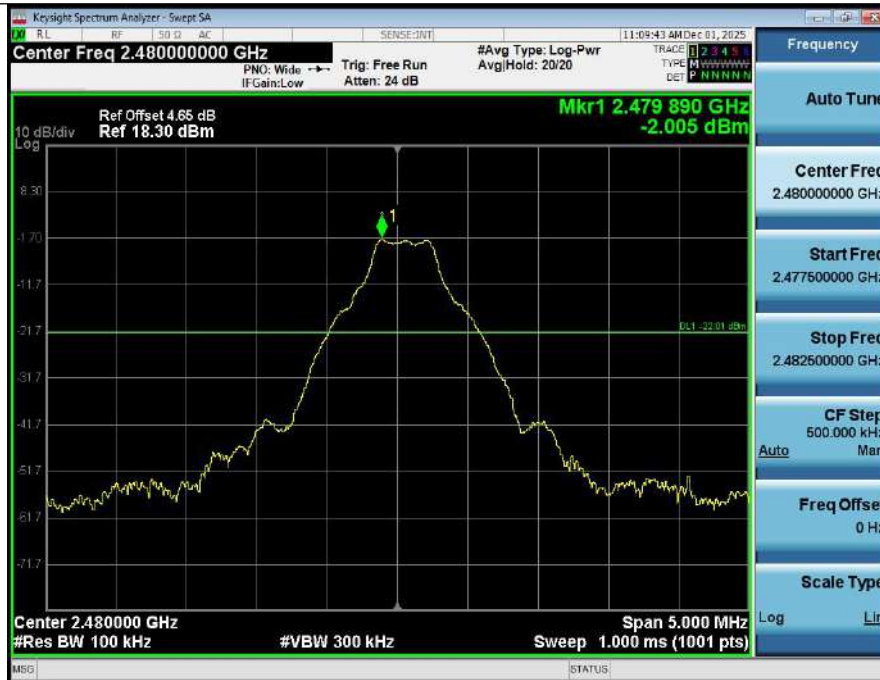
1 Reference Level NVNT ANT1 1-DH1 2441 00



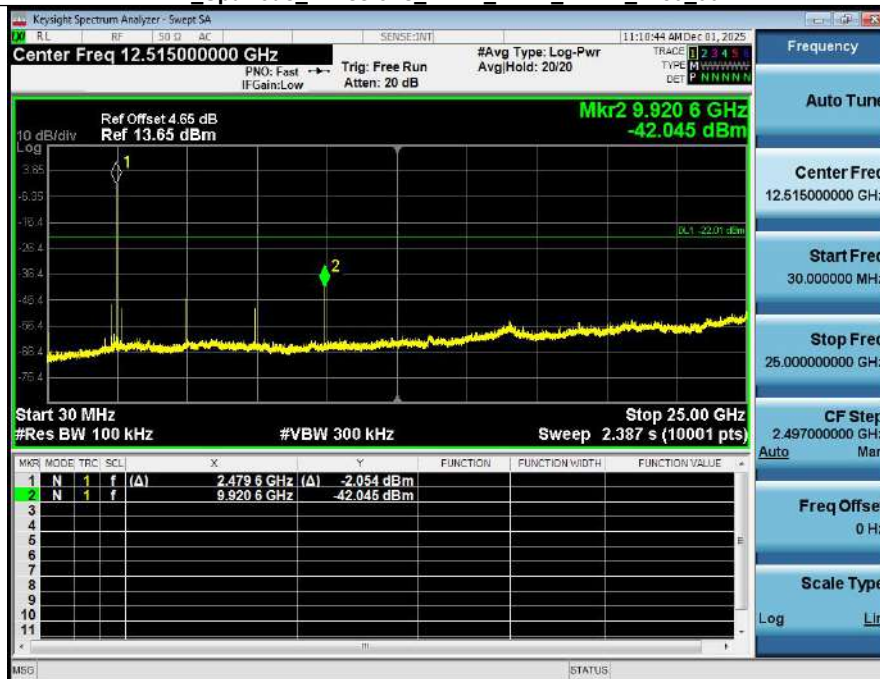
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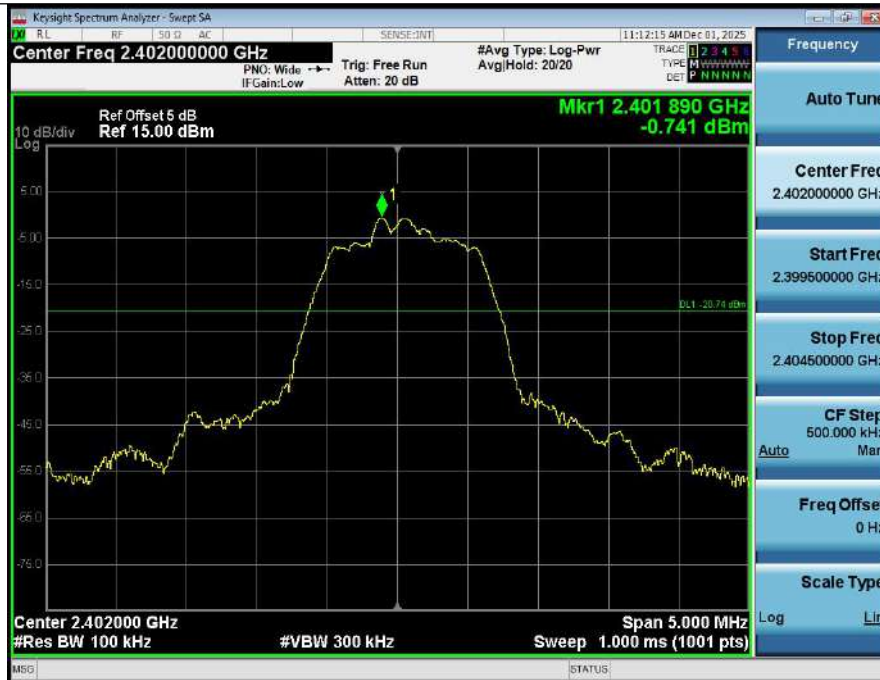
1 Reference Level NVNT ANT1 1-DH1 2480 00



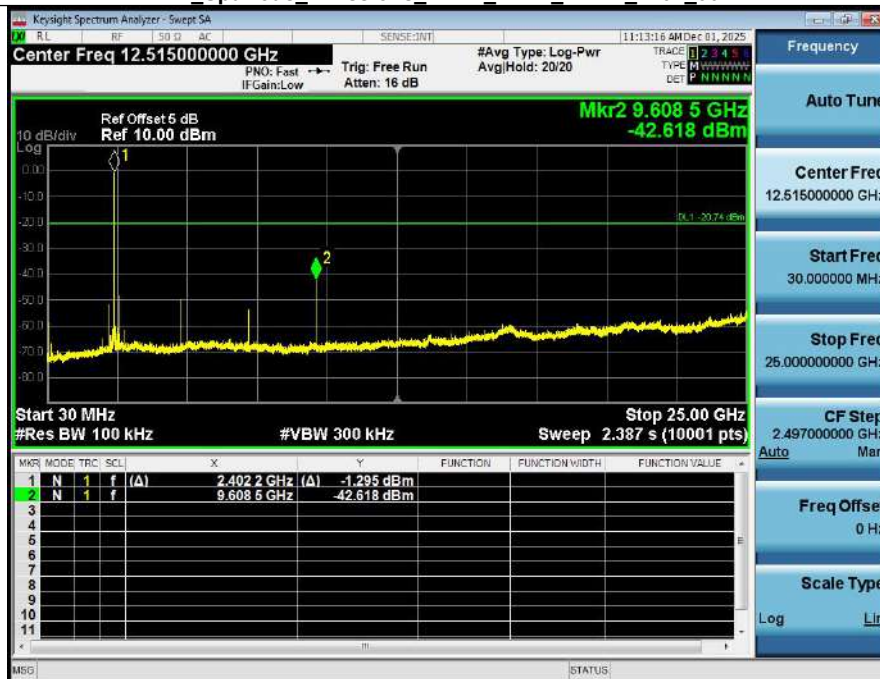
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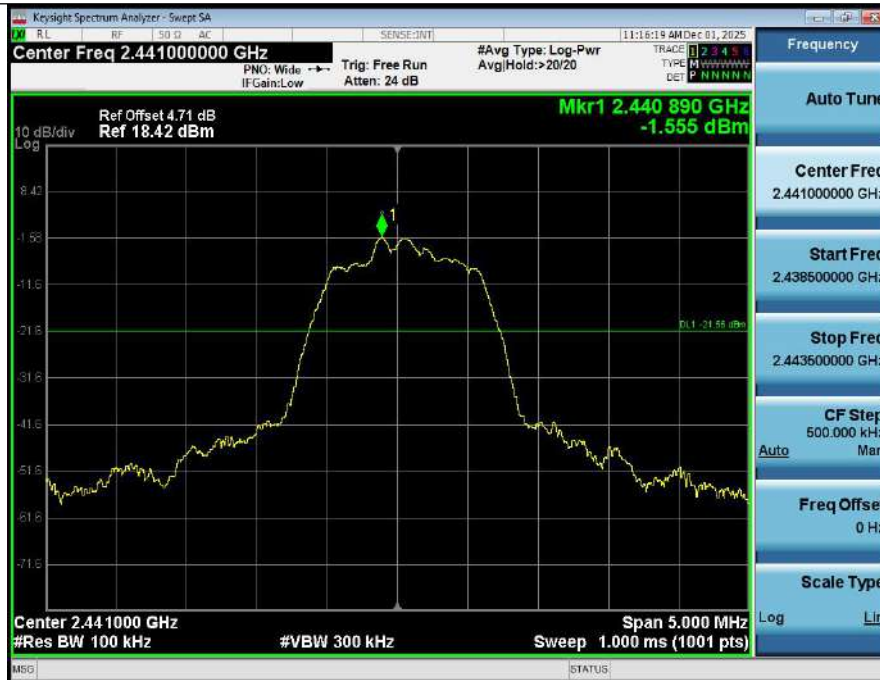
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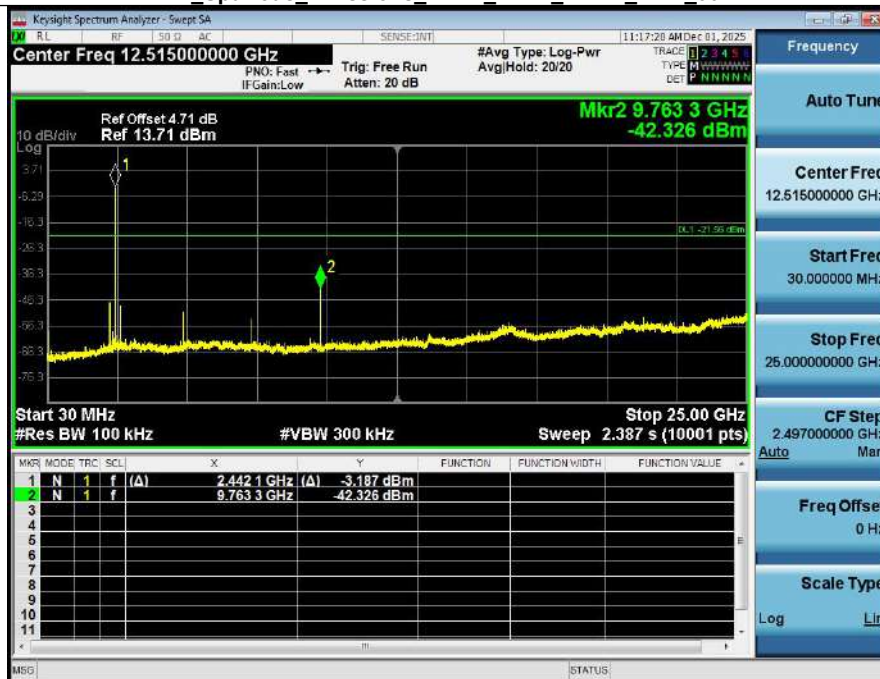
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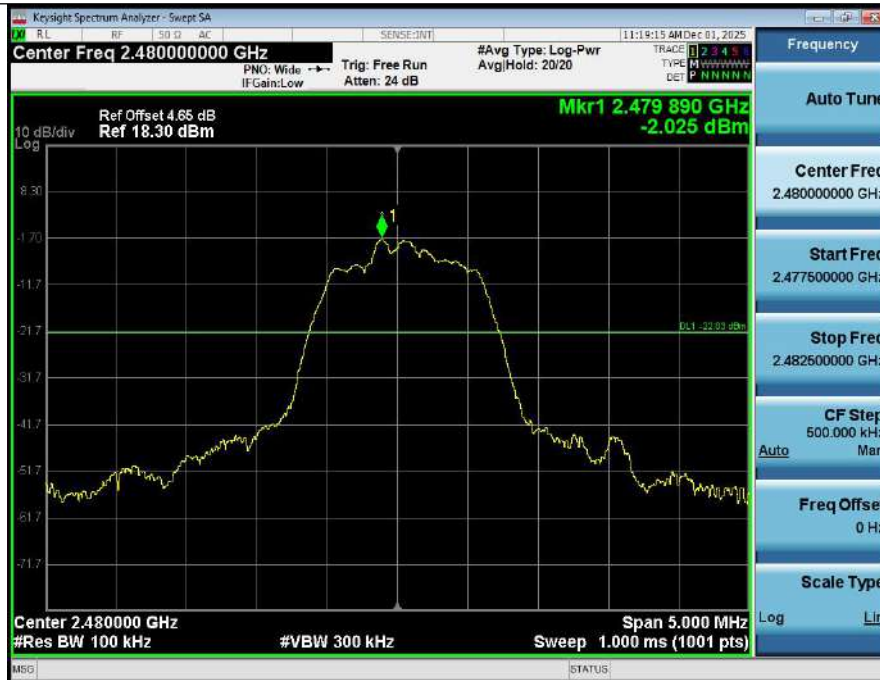
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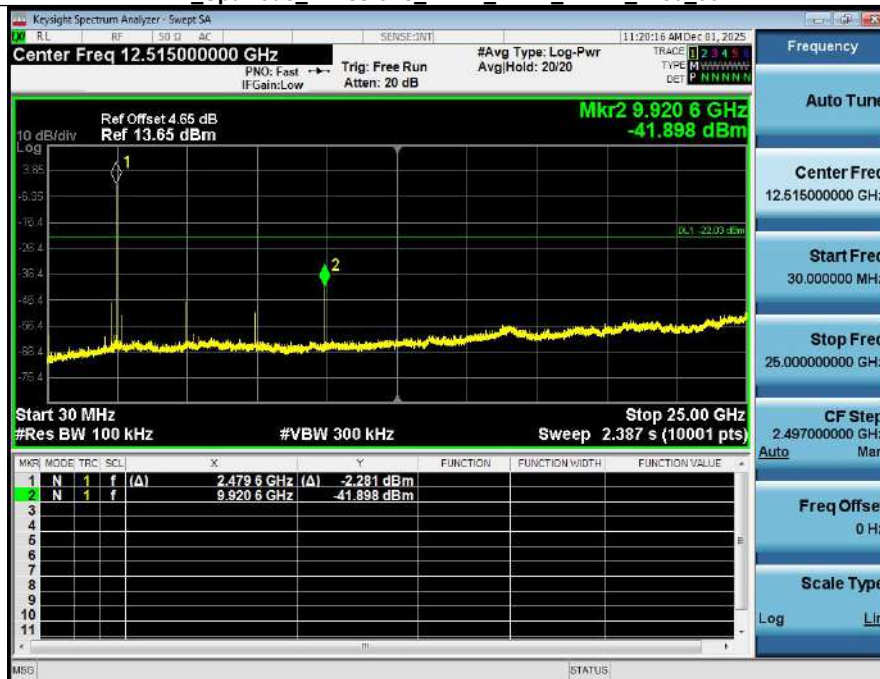
2 Spurious Emissions_NVNT_ANT1_2-DH1_2441_00



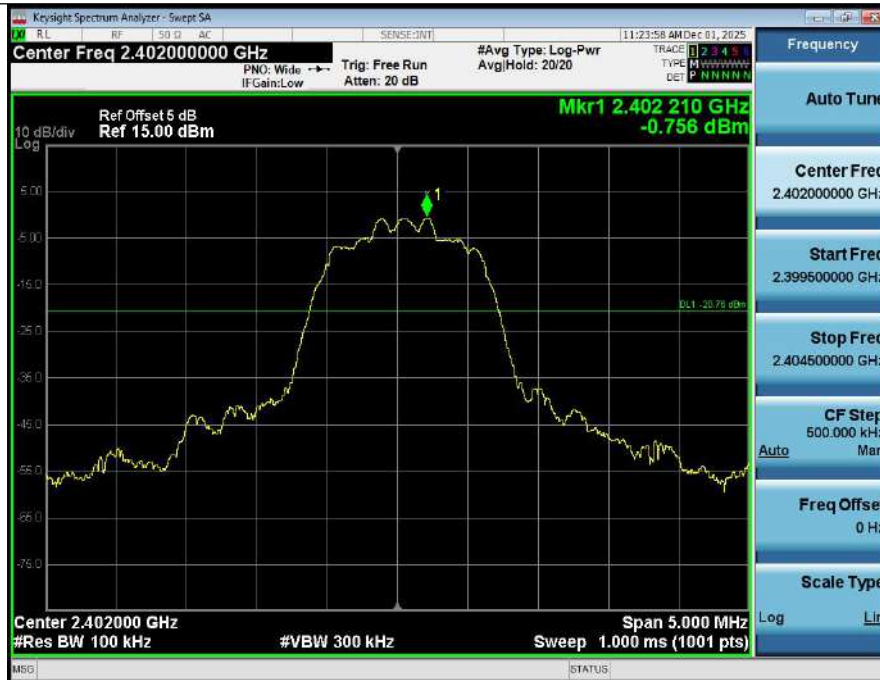
1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



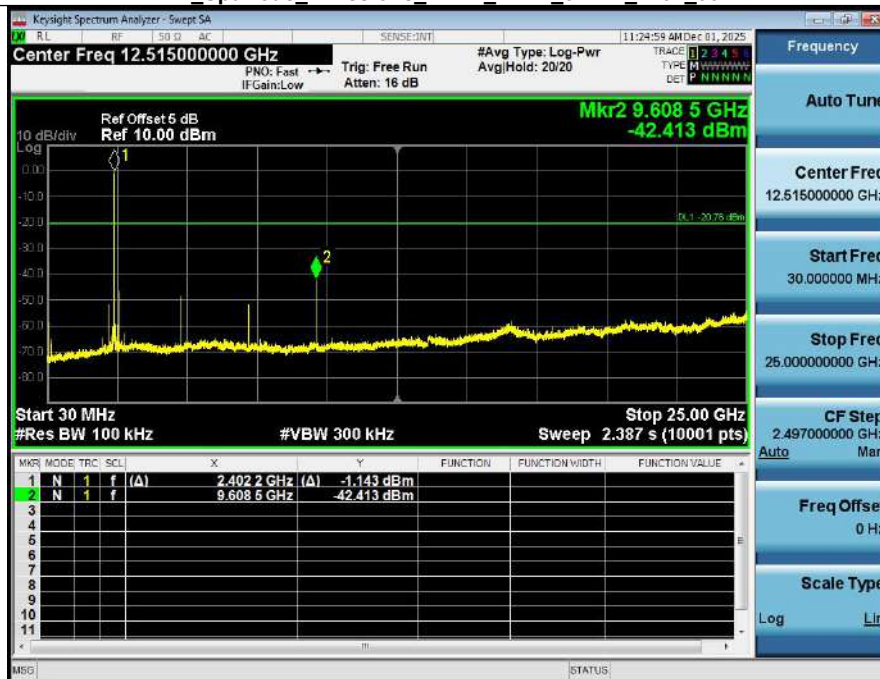
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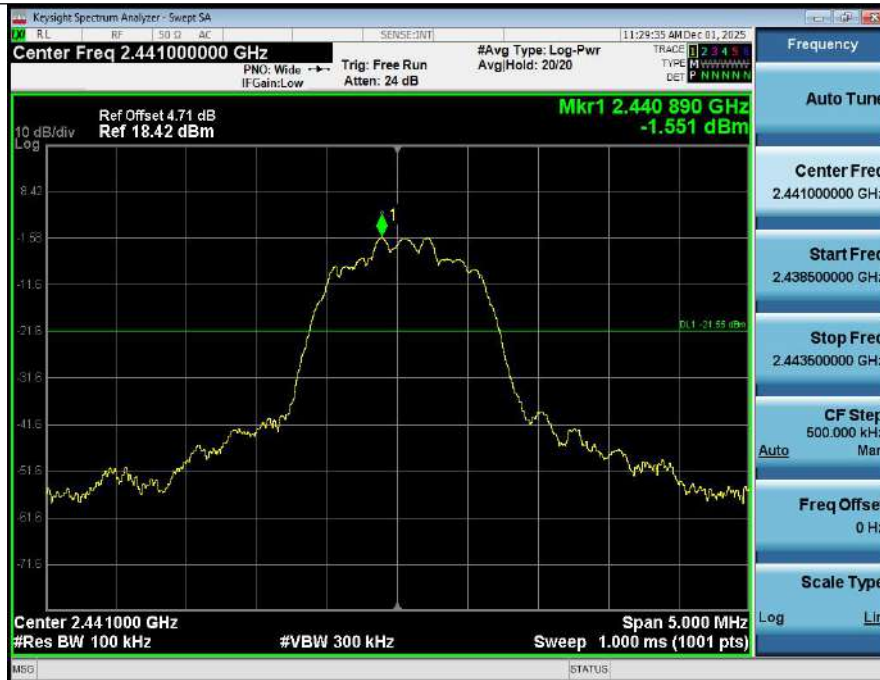
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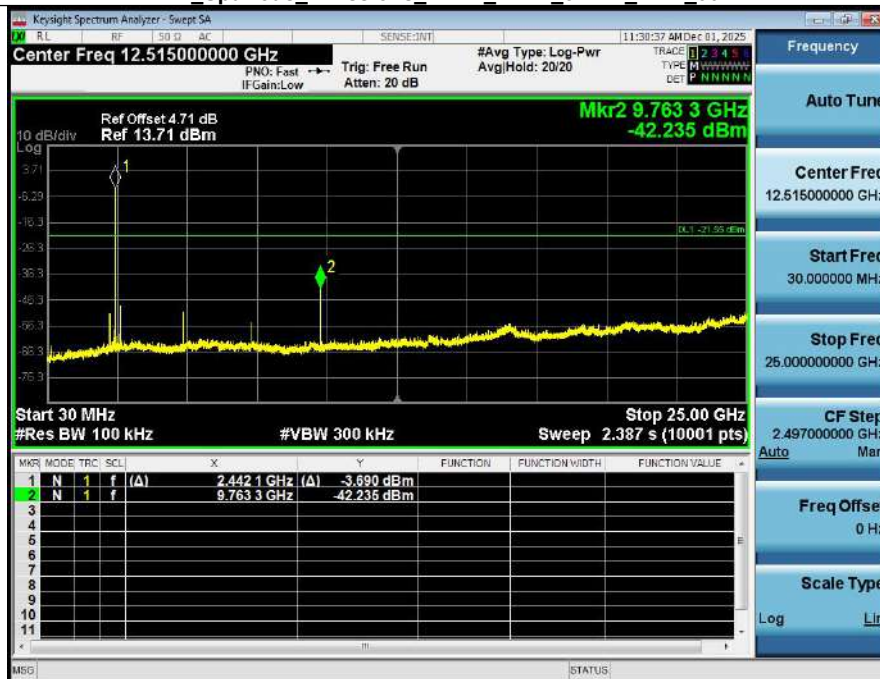
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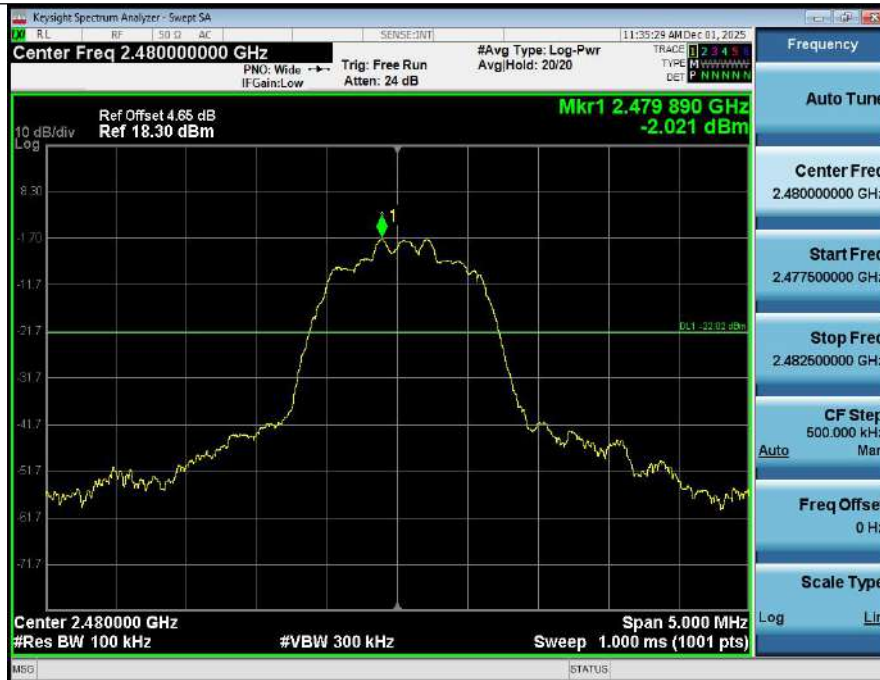
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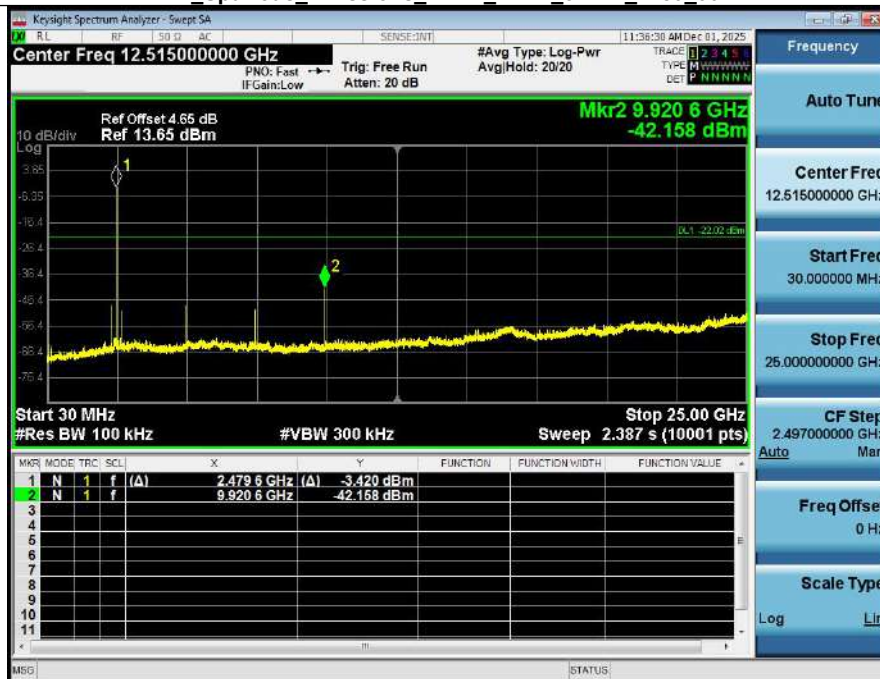
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



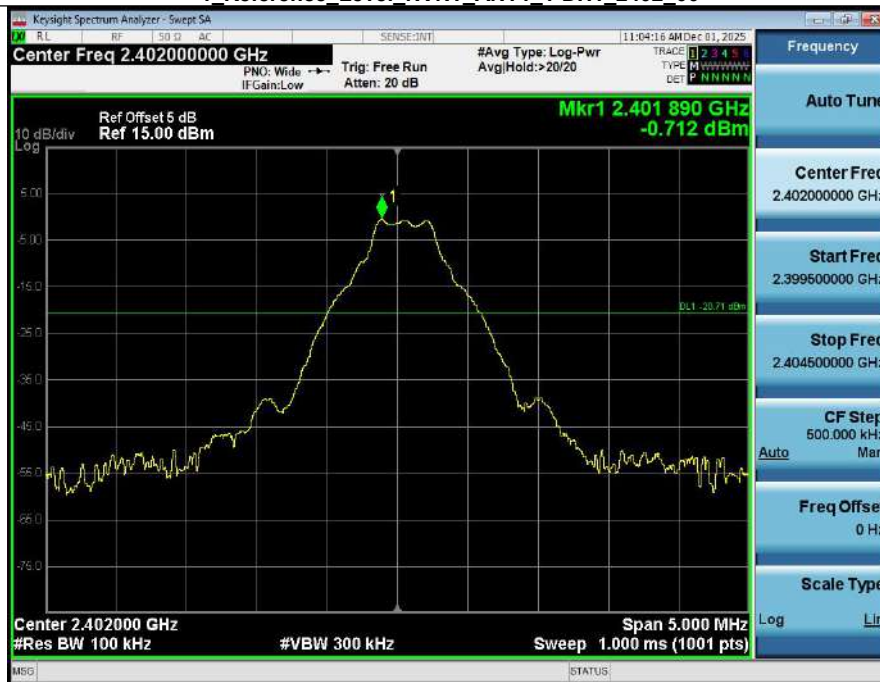
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.712	-52.517	-20.712	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-1.013	-48.426	-21.013	Pass
NVNT	ANT1	1-DH1	2480.00	-2.005	-60.499	-22.005	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-1.436	-49.039	-21.436	Pass
NVNT	ANT1	2-DH1	2402.00	-0.741	-51.065	-20.741	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.963	-48.133	-20.963	Pass
NVNT	ANT1	2-DH1	2480.00	-2.025	-60.580	-22.025	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-1.141	-58.164	-21.141	Pass
NVNT	ANT1	3-DH1	2402.00	-0.756	-50.820	-20.756	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.703	-58.659	-20.703	Pass
NVNT	ANT1	3-DH1	2480.00	-2.021	-60.434	-22.021	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-1.218	-58.197	-21.218	Pass

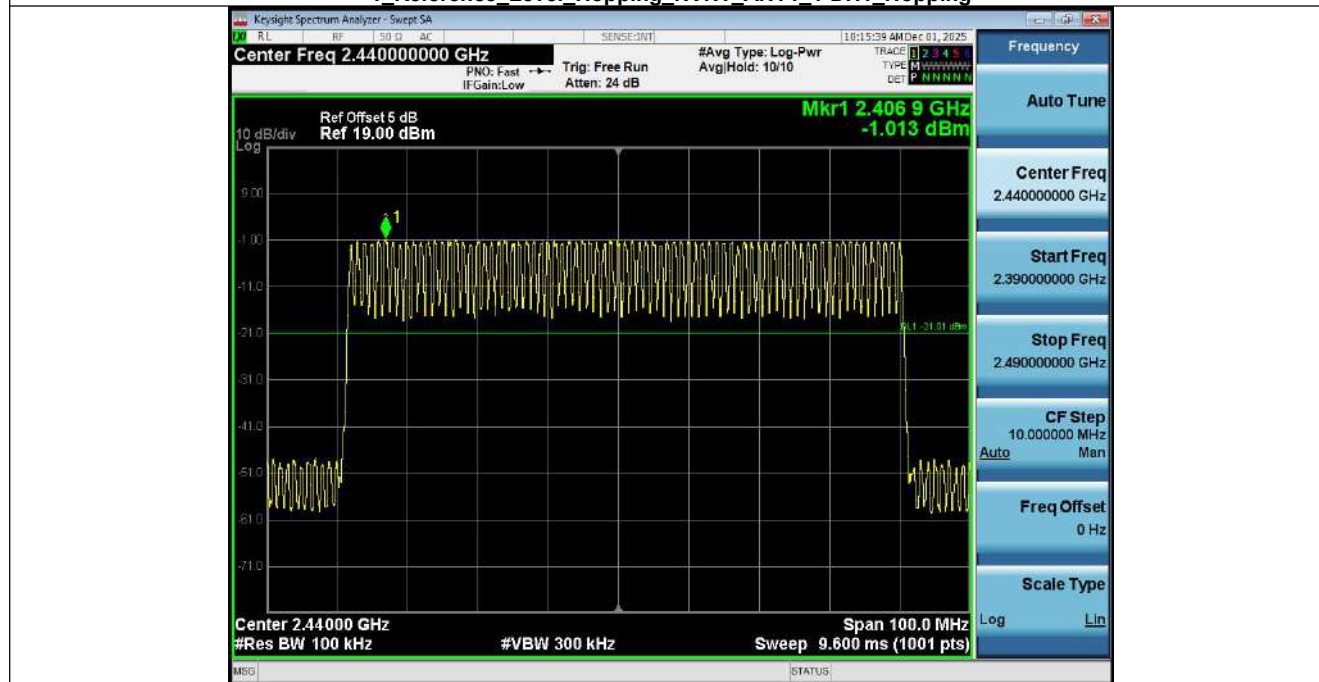
1 Reference Level NVNT ANT1 1-DH1 2402_00



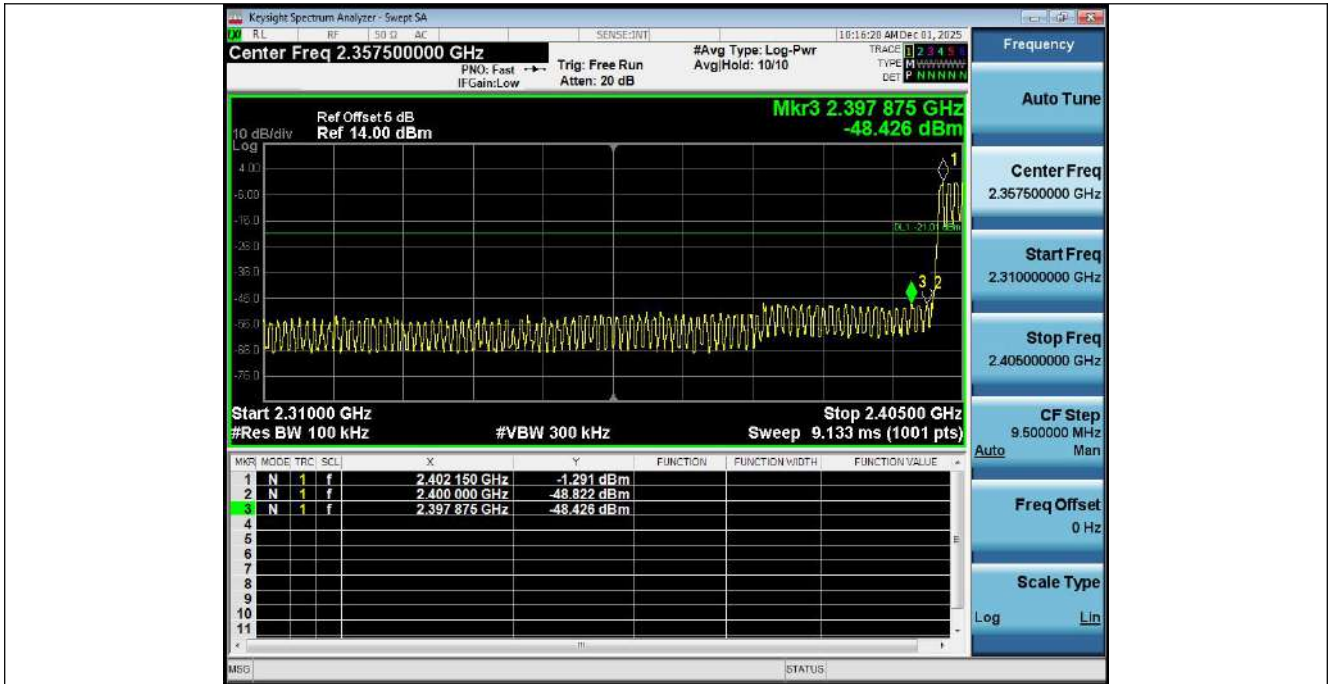
2_Bandedge_NVNT_ANT1_1-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



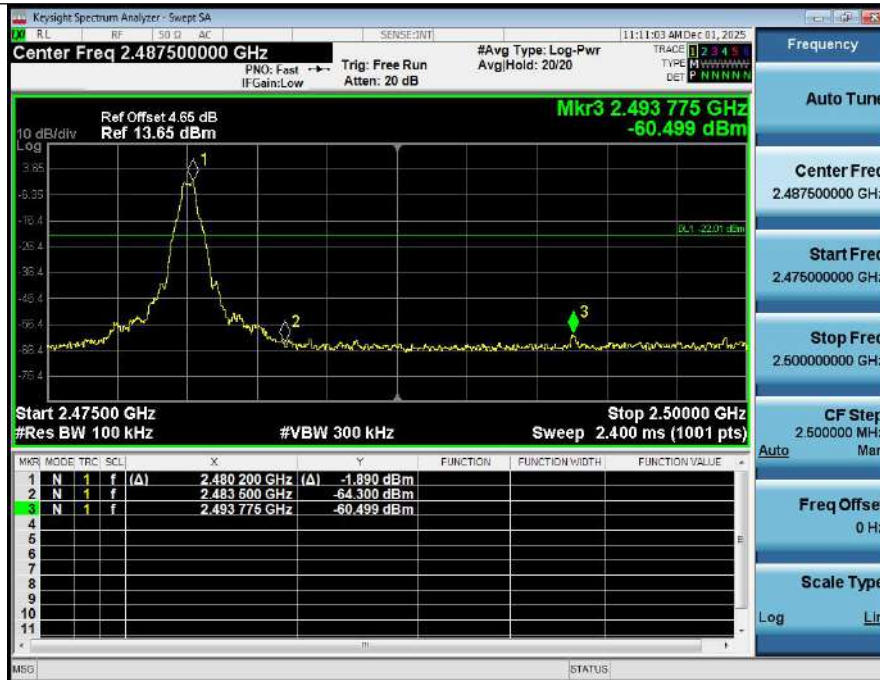
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



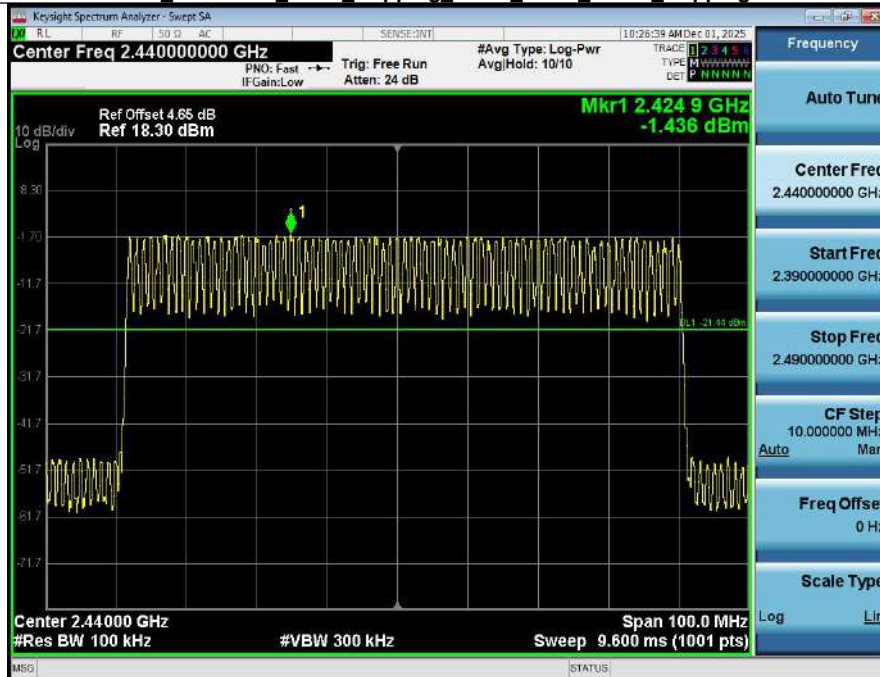
1 Reference Level NVNT ANT1 1-DH1 2480 00



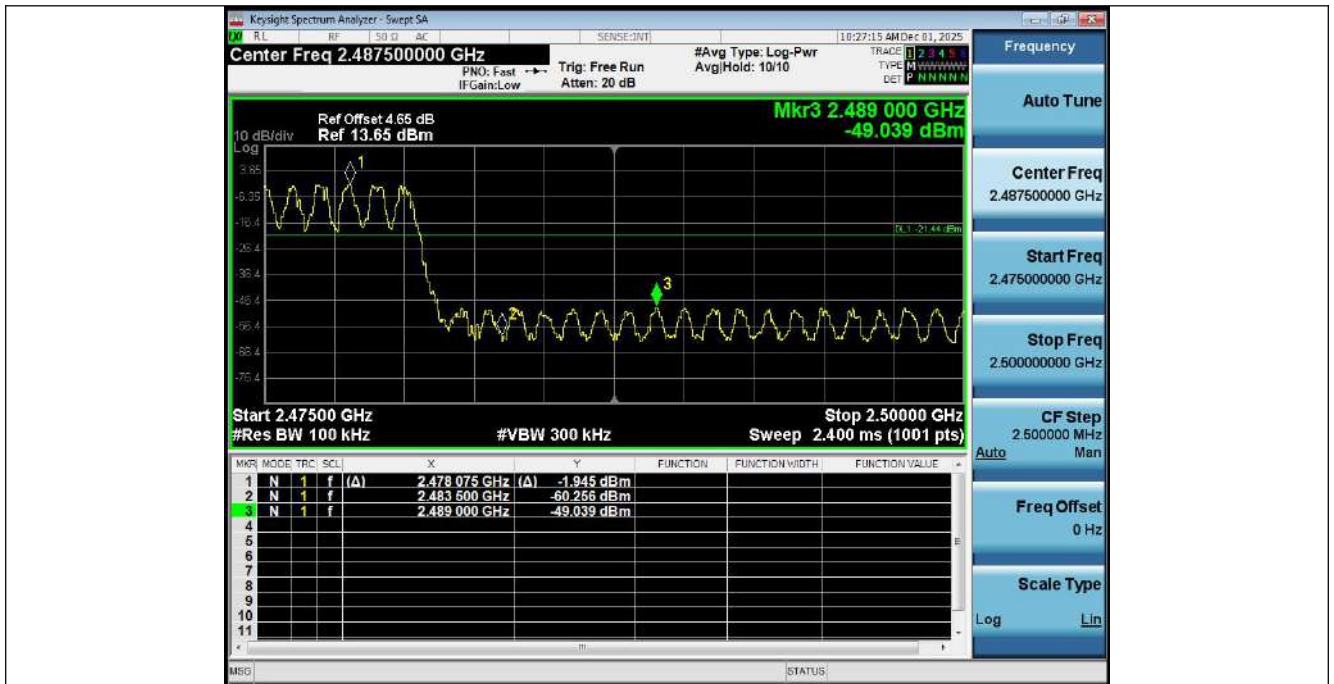
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



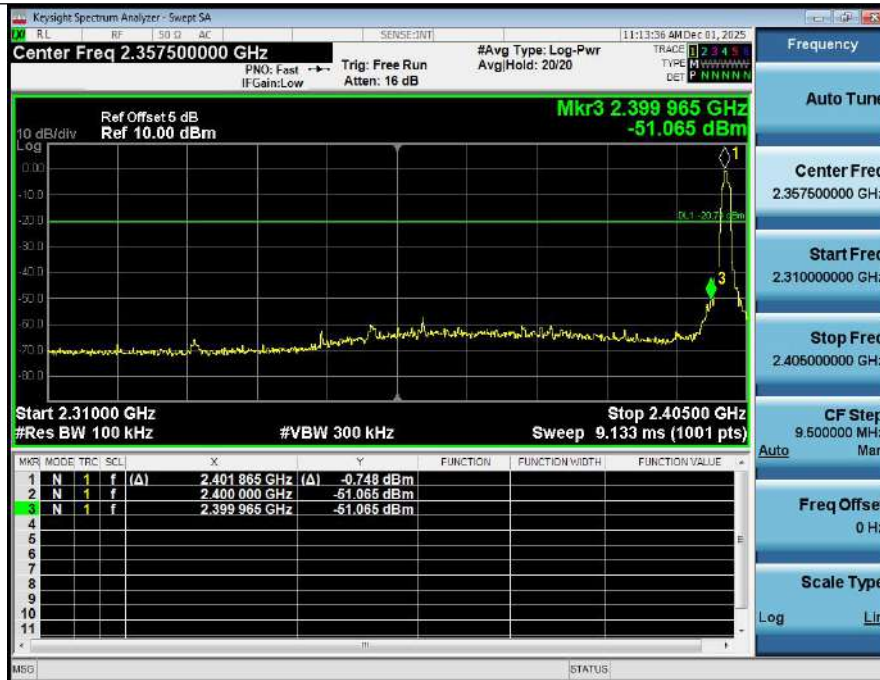
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



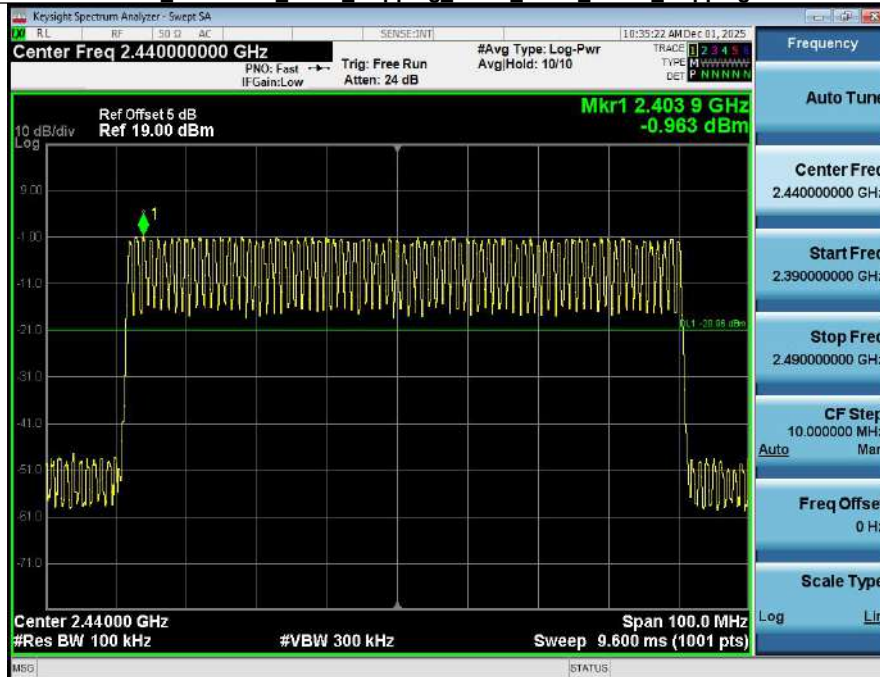
1 Reference Level NVNT ANT1 2-DH1 2402_00



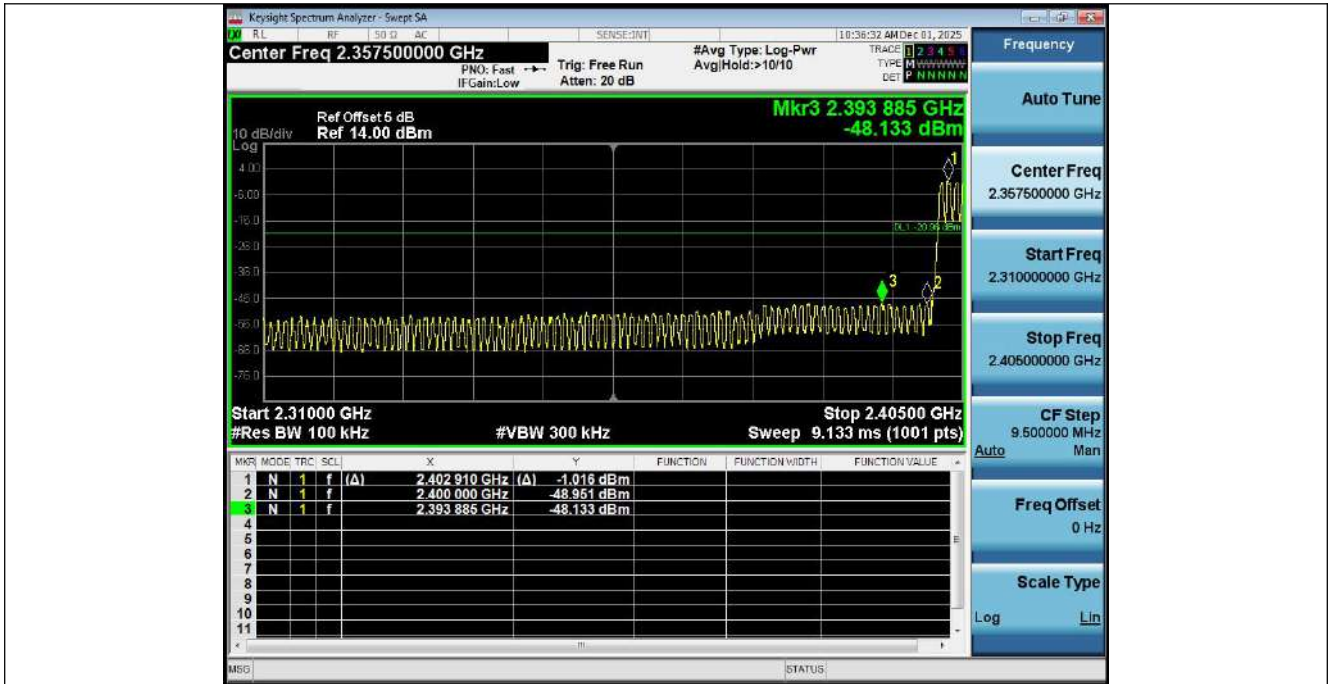
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



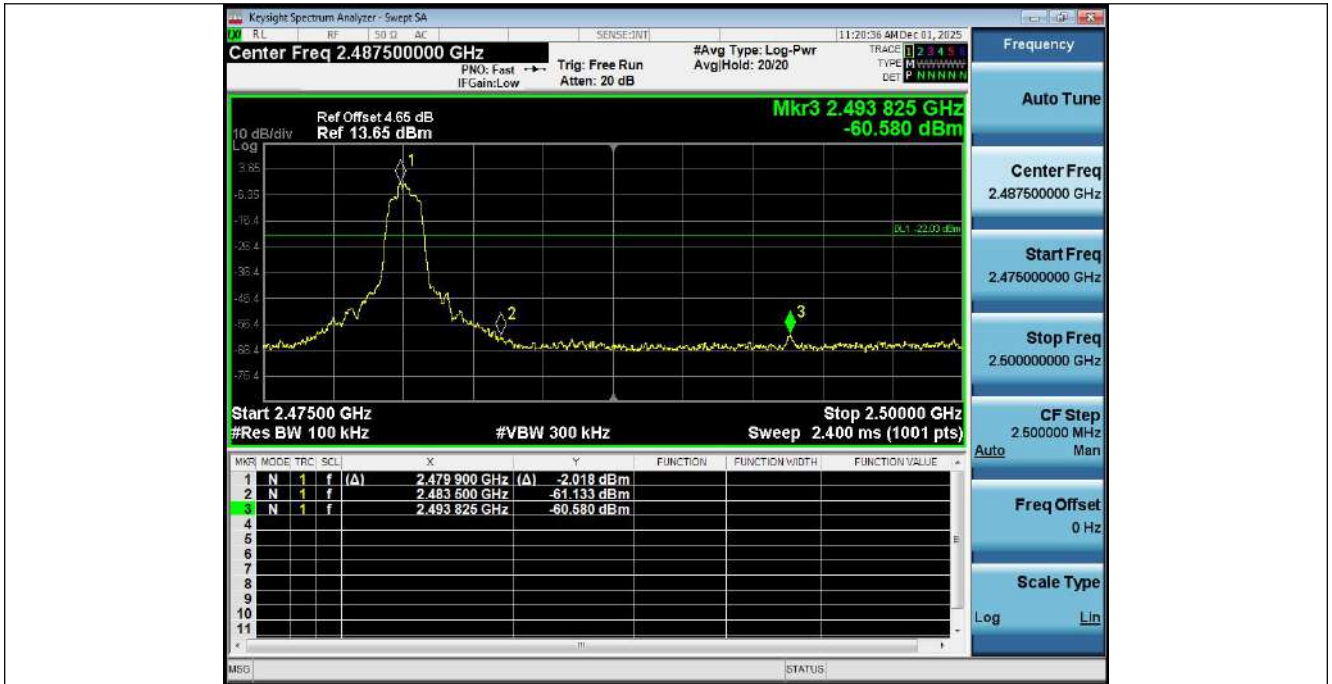
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 2-DH1 2480 00



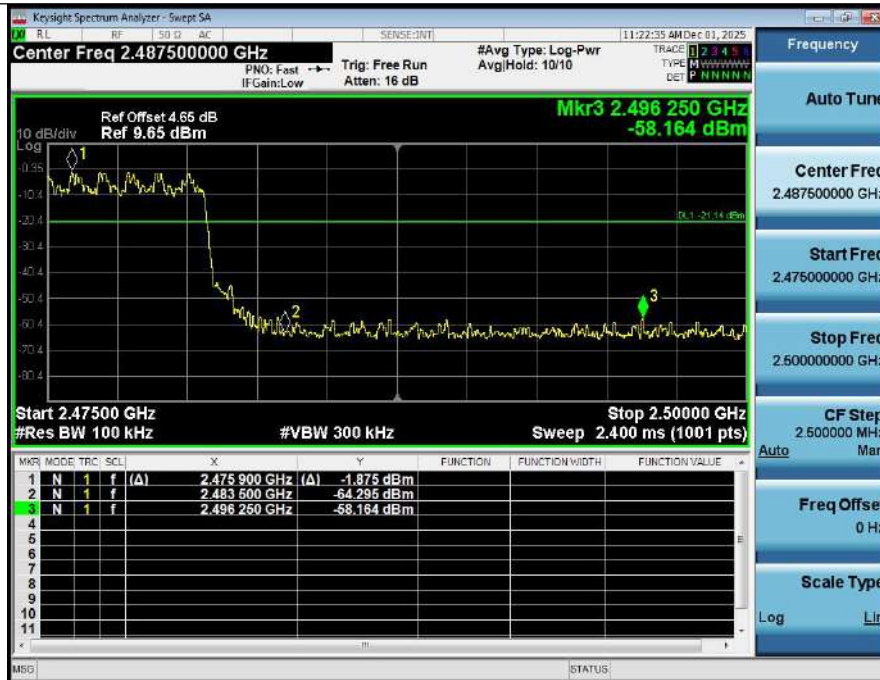
2 Bandedge NVNT ANT1 2-DH1 2480 00



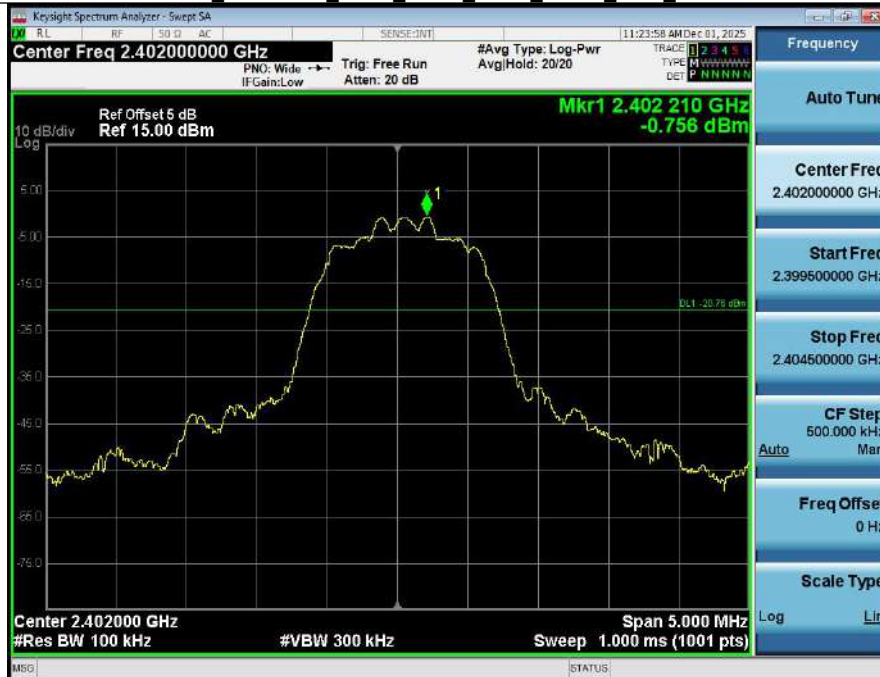
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



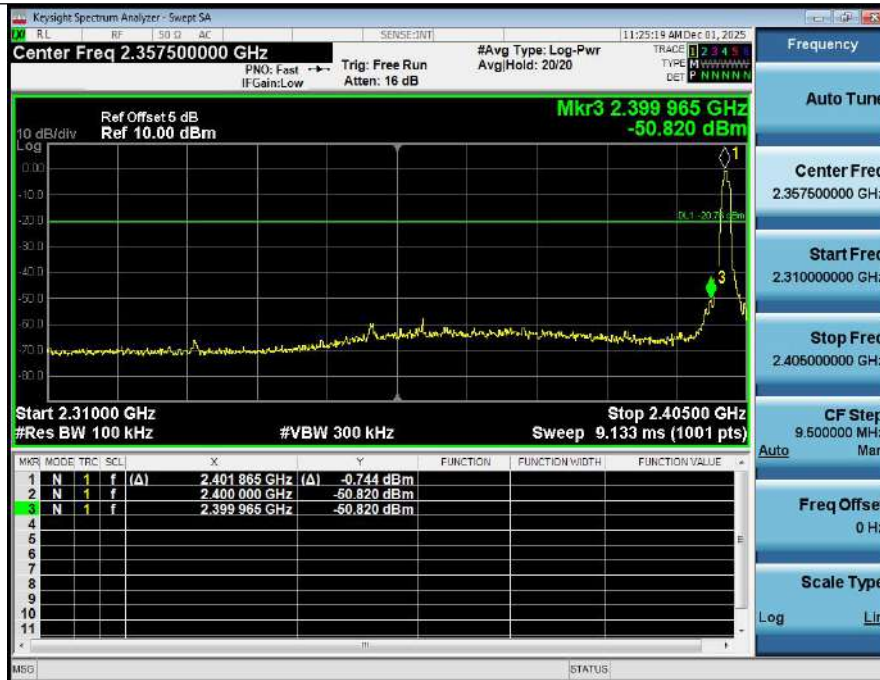
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



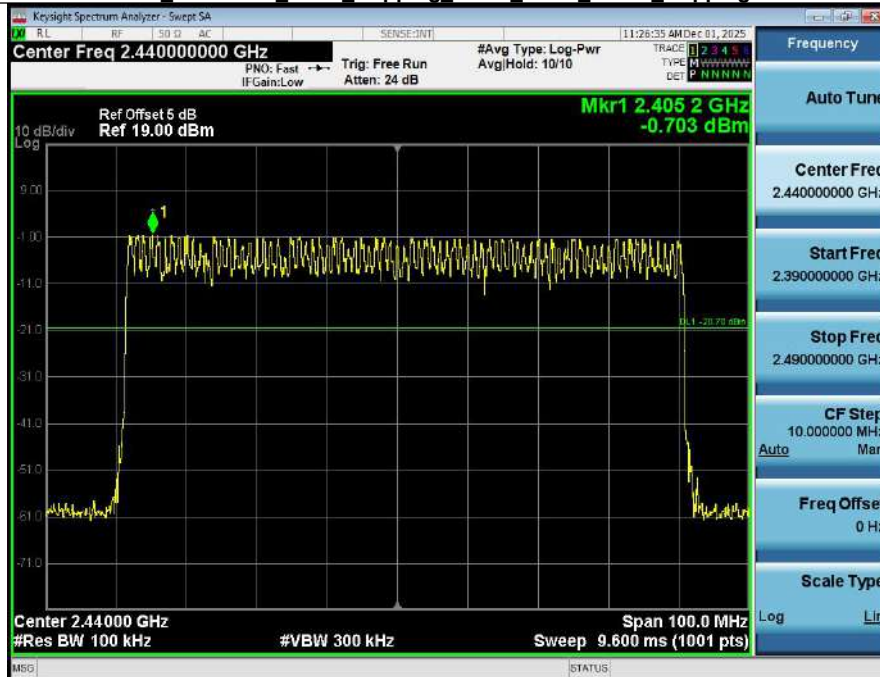
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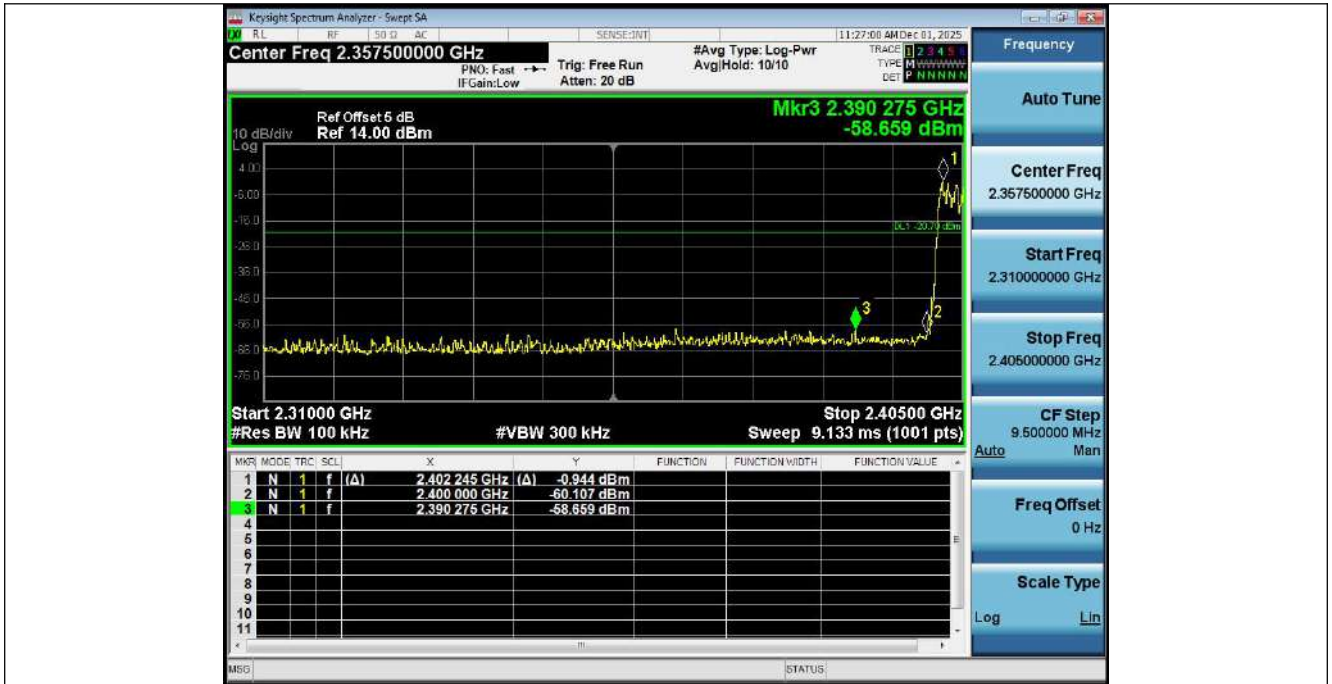
2 Bandedge NVNT ANT1 3-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



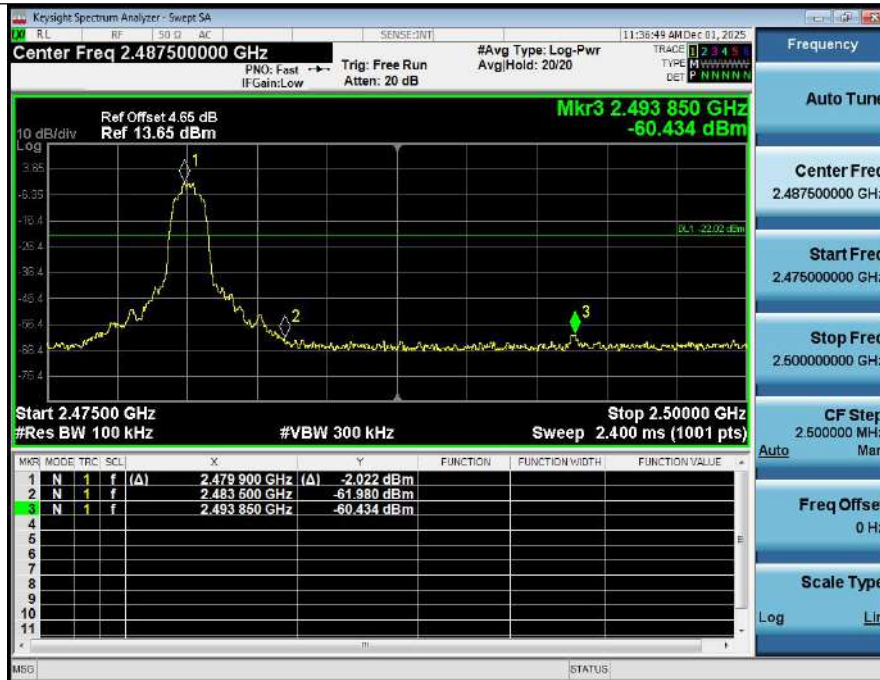
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



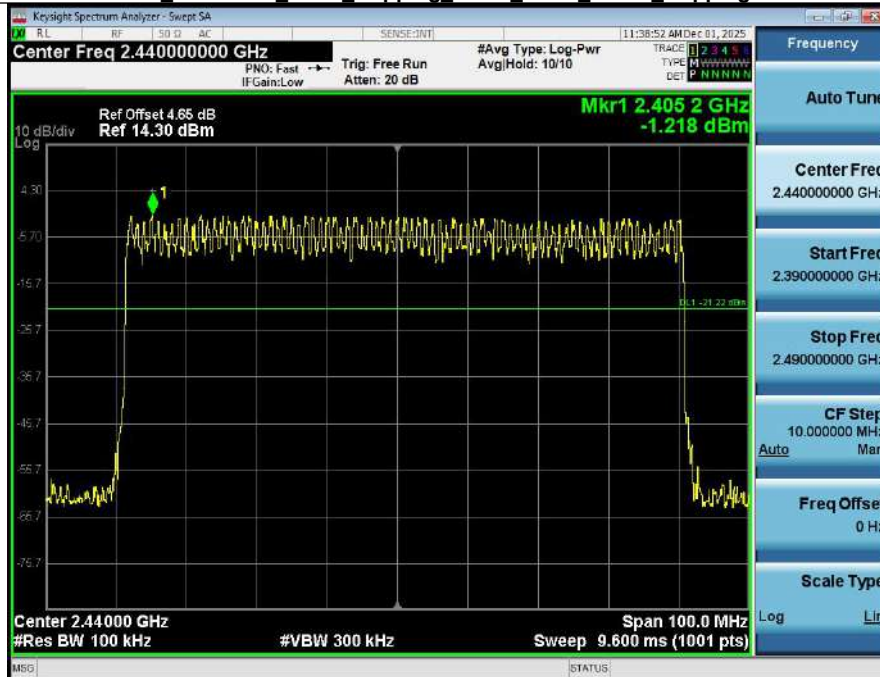
1 Reference Level NVNT ANT1 3-DH1 2480 00



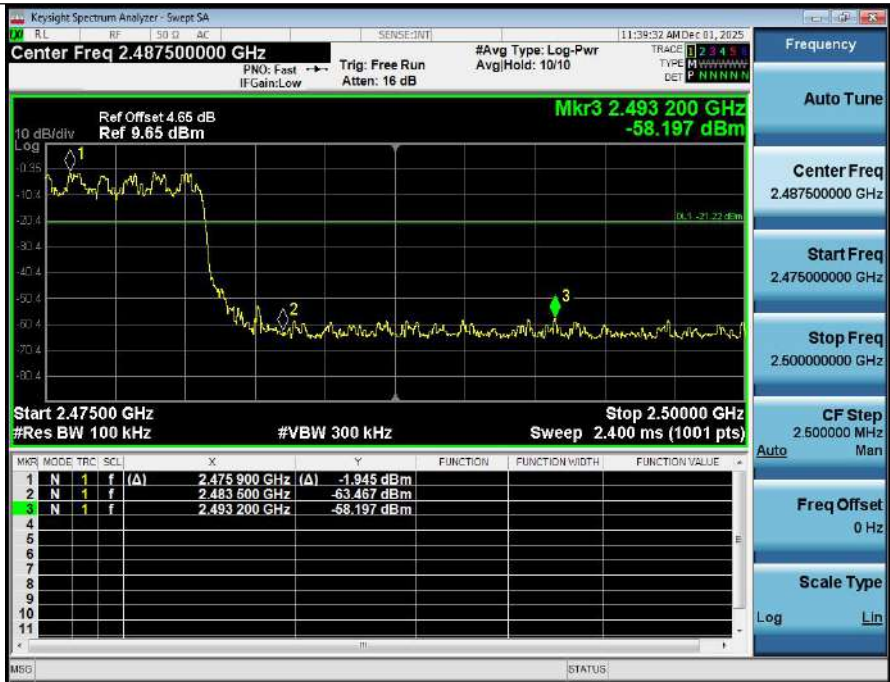
2 Bandedge NVNT ANT1 3-DH1 2480 00



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	2402.050	2403.052	1.00	0.877	Pass
NVNT	ANT1	1-DH1	2441.00	2441.197	2442.208	1.01	0.880	Pass
NVNT	ANT1	1-DH1	2480.00	2478.873	2479.884	1.01	0.913	Pass
NVNT	ANT1	2-DH1	2402.00	2401.885	2403.052	1.17	0.846	Pass
NVNT	ANT1	2-DH1	2441.00	2440.891	2441.878	0.99	0.839	Pass
NVNT	ANT1	2-DH1	2480.00	2478.879	2479.878	1.00	0.843	Pass
NVNT	ANT1	3-DH1	2402.00	2402.068	2403.055	0.99	0.816	Pass
NVNT	ANT1	3-DH1	2441.00	2440.885	2441.884	1.00	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.882	2479.887	1.00	0.832	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

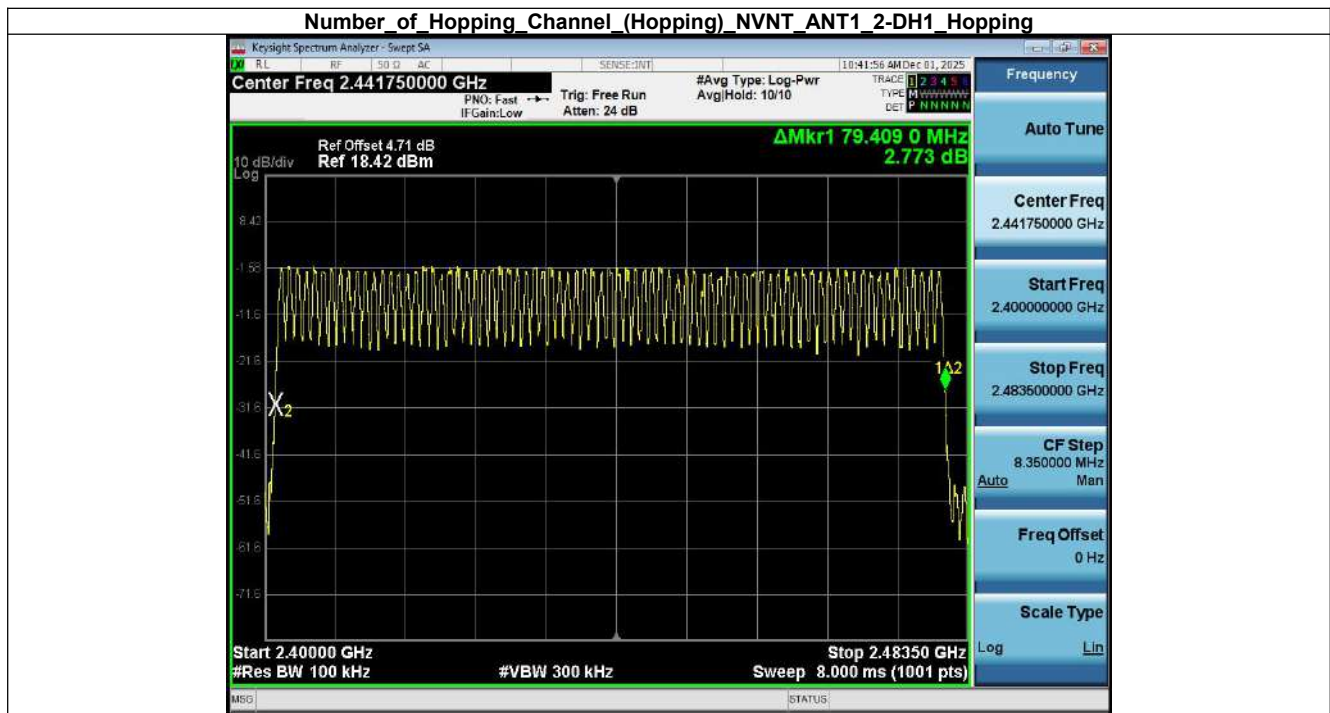
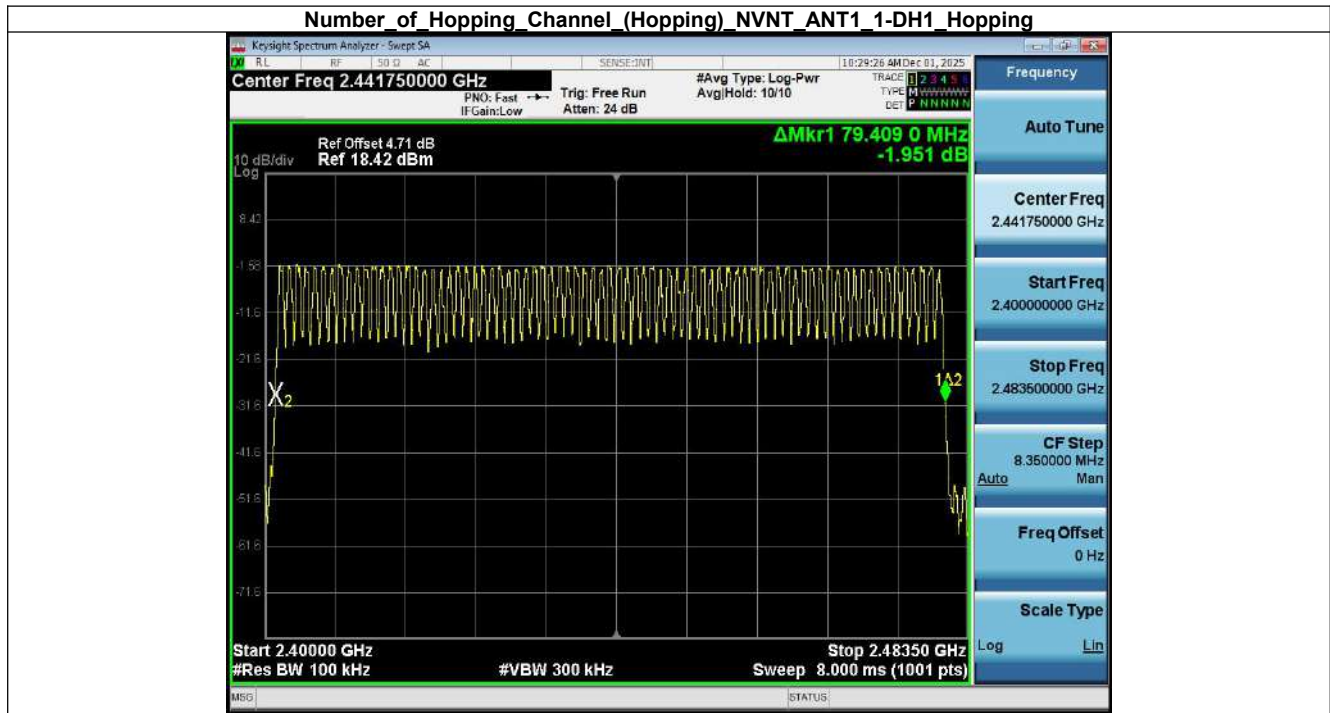


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

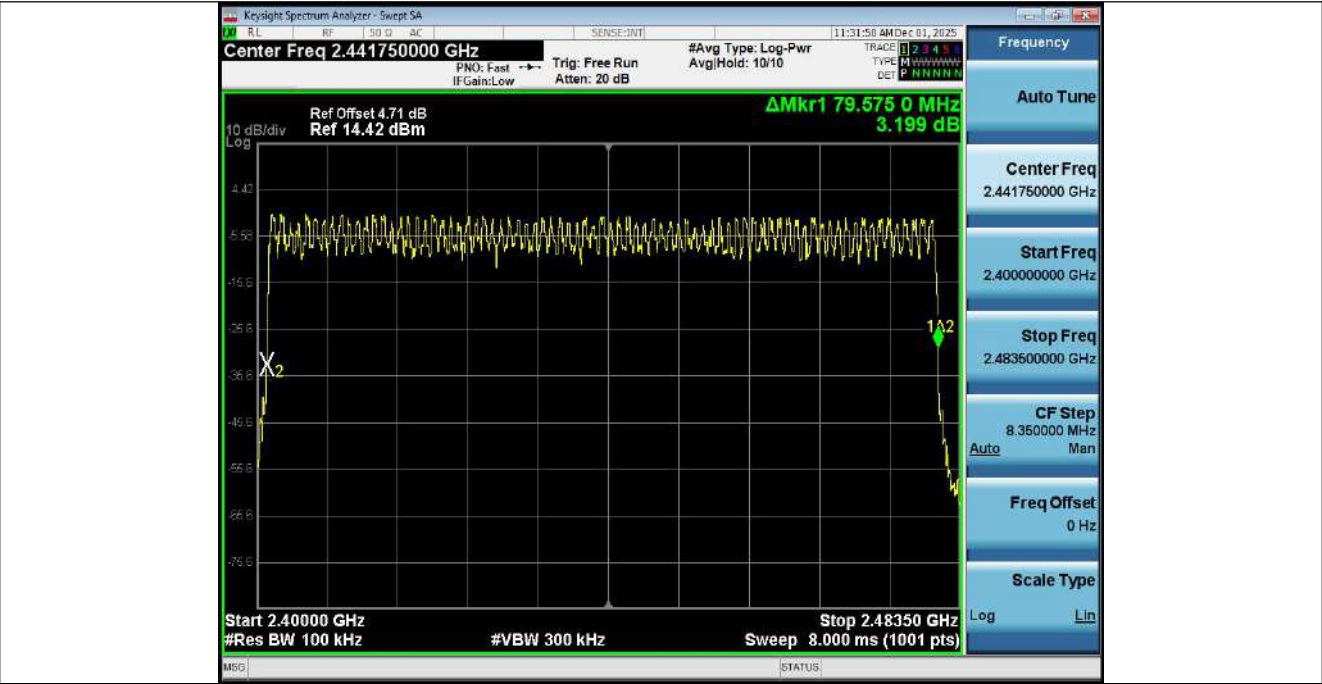


7. Number of Hopping Channel (Hopping)

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

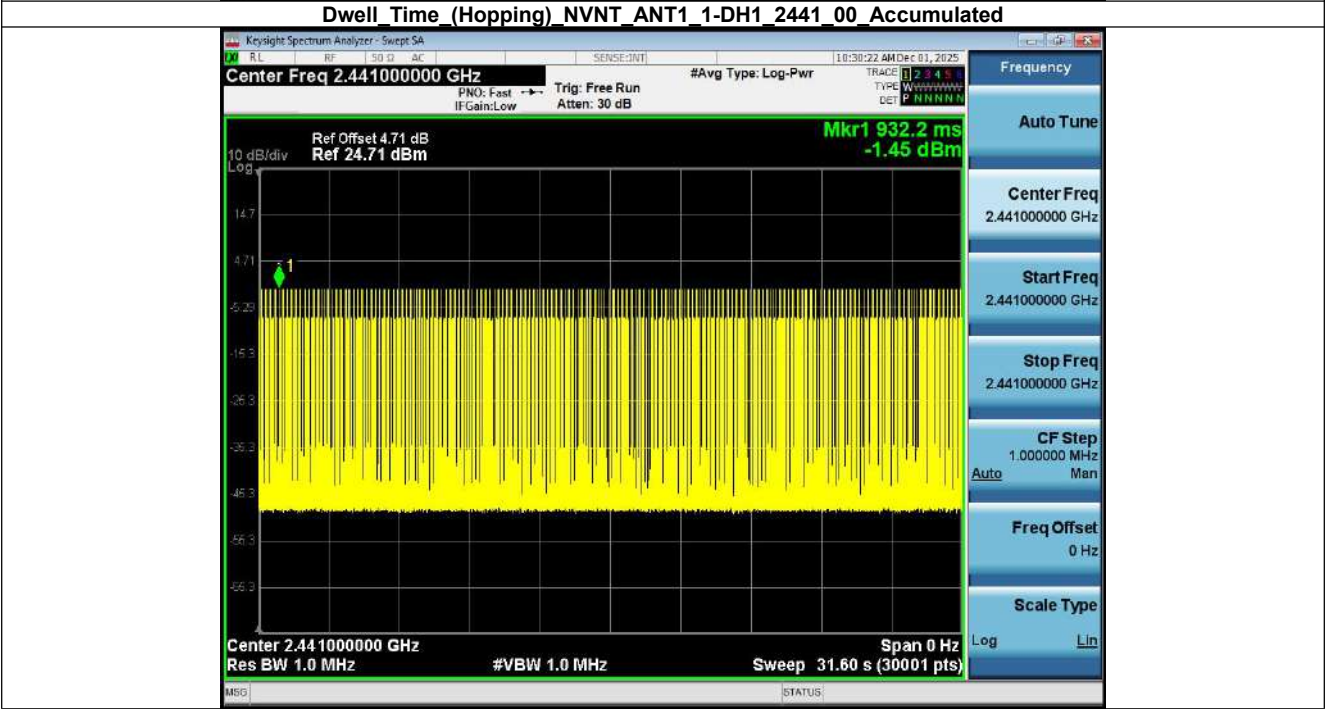


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

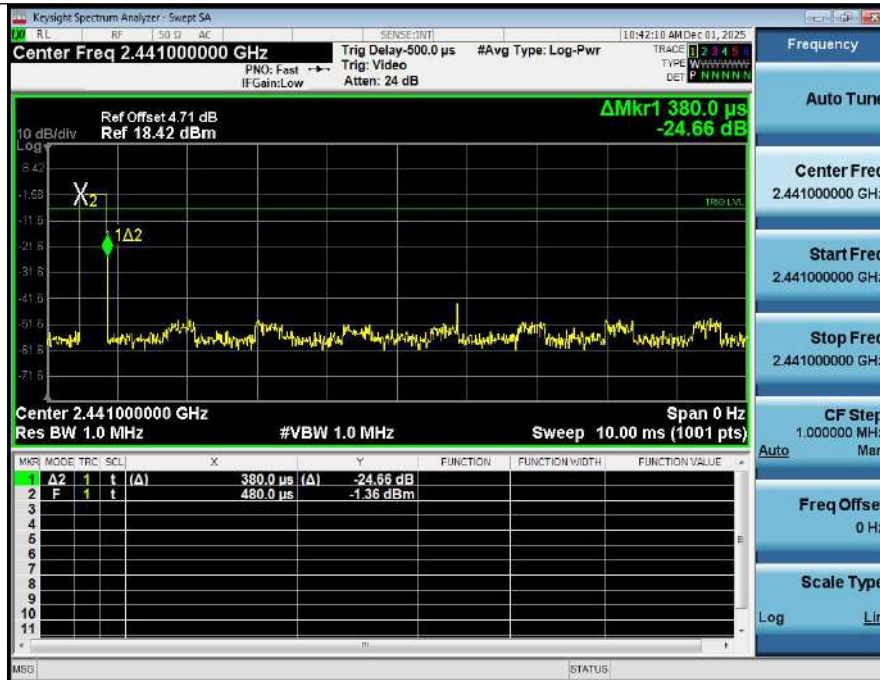


9. Dwell Time (Hopping)

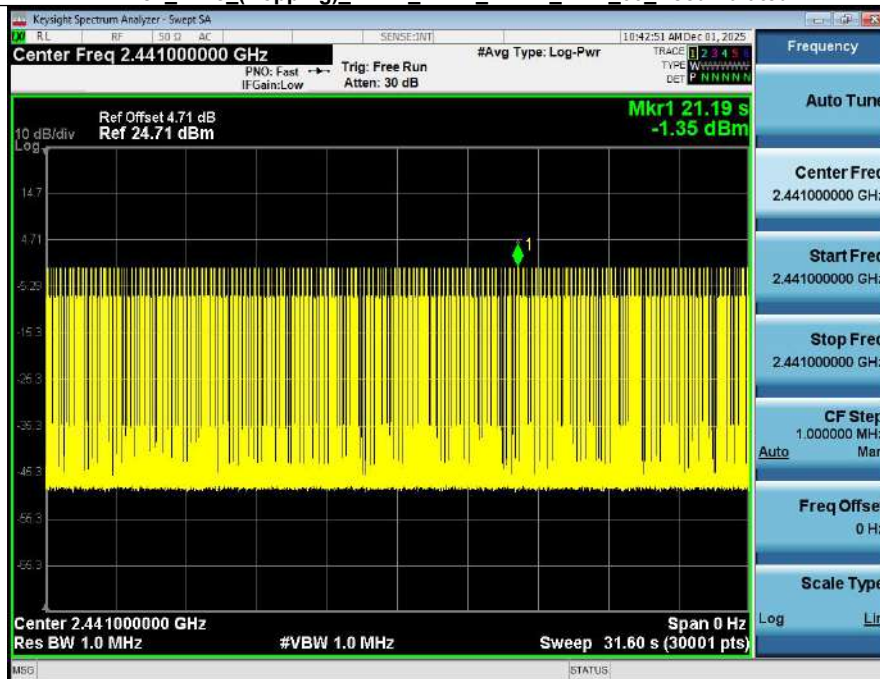
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	319.00	124.410	0.40	Pass
NVNT	ANT1	2-DH1	0.380	320.00	121.600	0.40	Pass
NVNT	ANT1	3-DH1	0.400	317.00	126.800	0.40	Pass
NVNT	ANT1	1-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	1-DH5	2.890	110.00	317.900	0.40	Pass
NVNT	ANT1	2-DH3	1.650	155.00	255.750	0.40	Pass
NVNT	ANT1	2-DH5	2.900	104.00	301.600	0.40	Pass
NVNT	ANT1	3-DH3	1.650	165.00	272.250	0.40	Pass
NVNT	ANT1	3-DH5	2.900	98.00	284.200	0.40	Pass



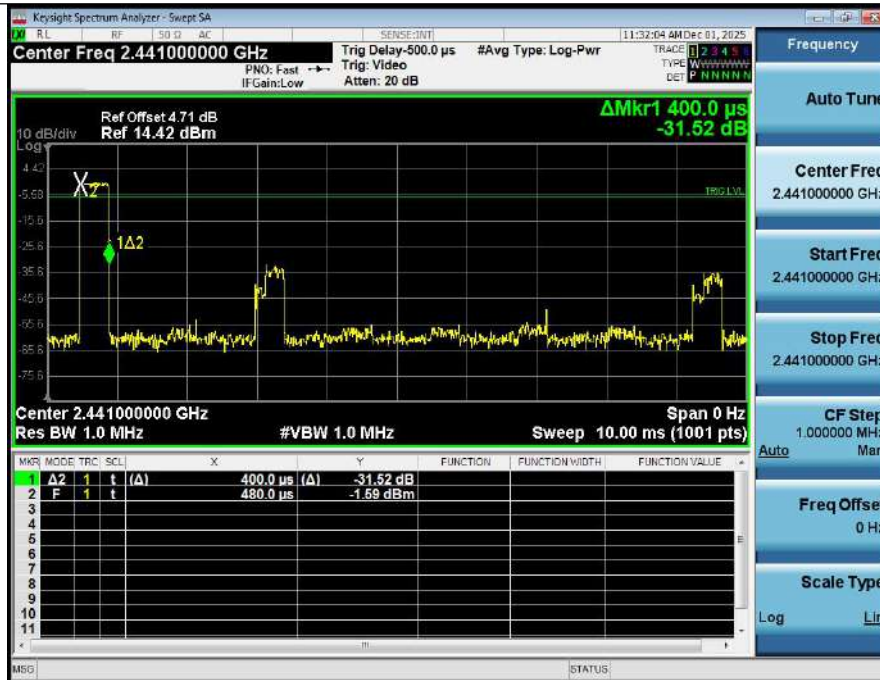
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



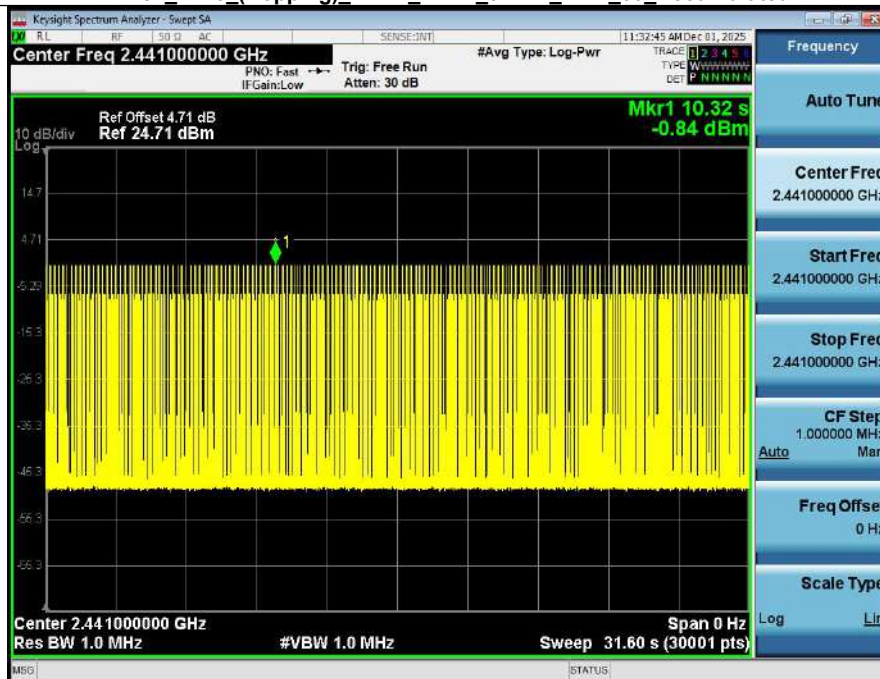
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



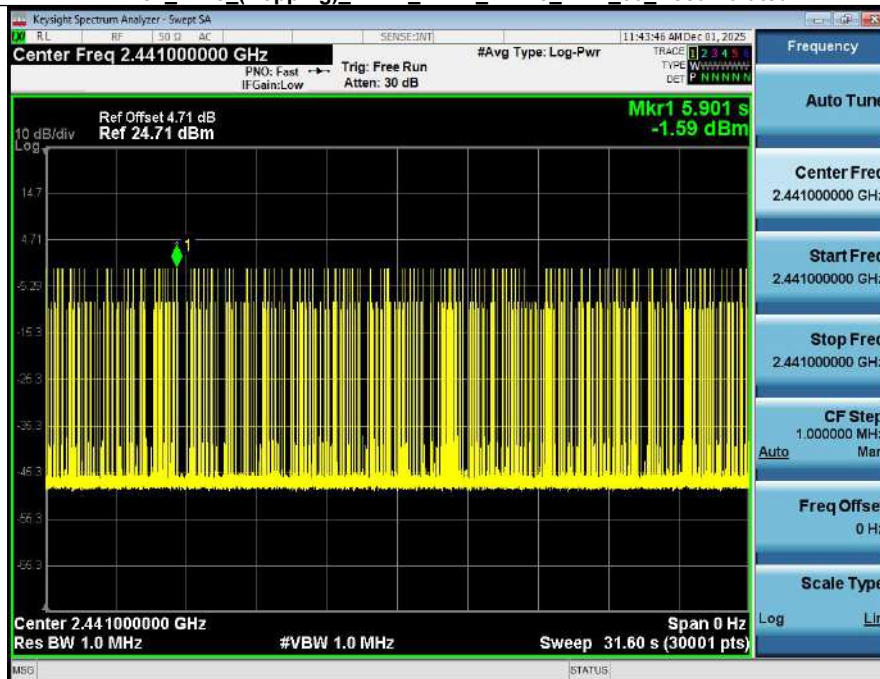
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



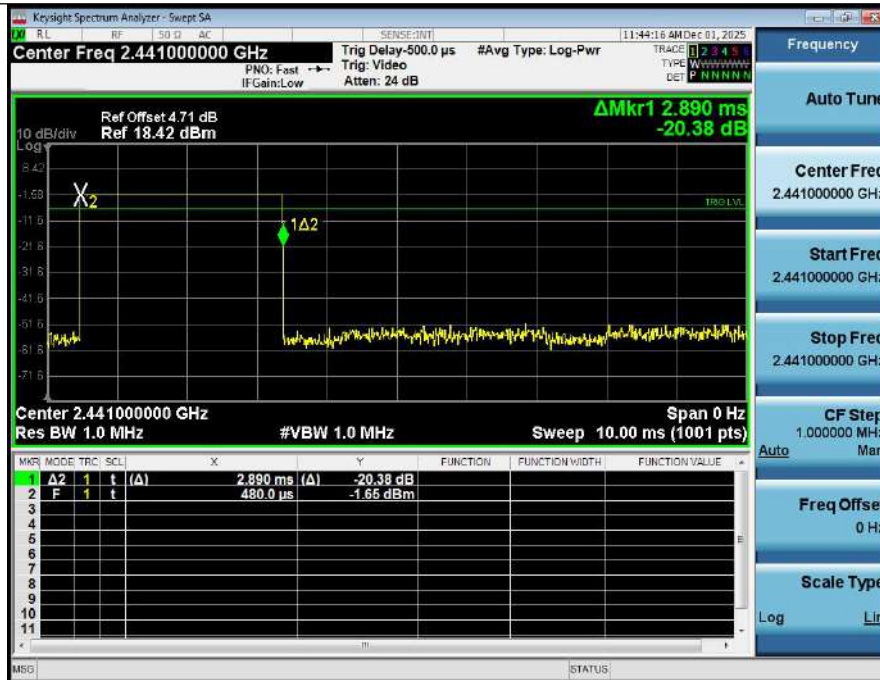
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



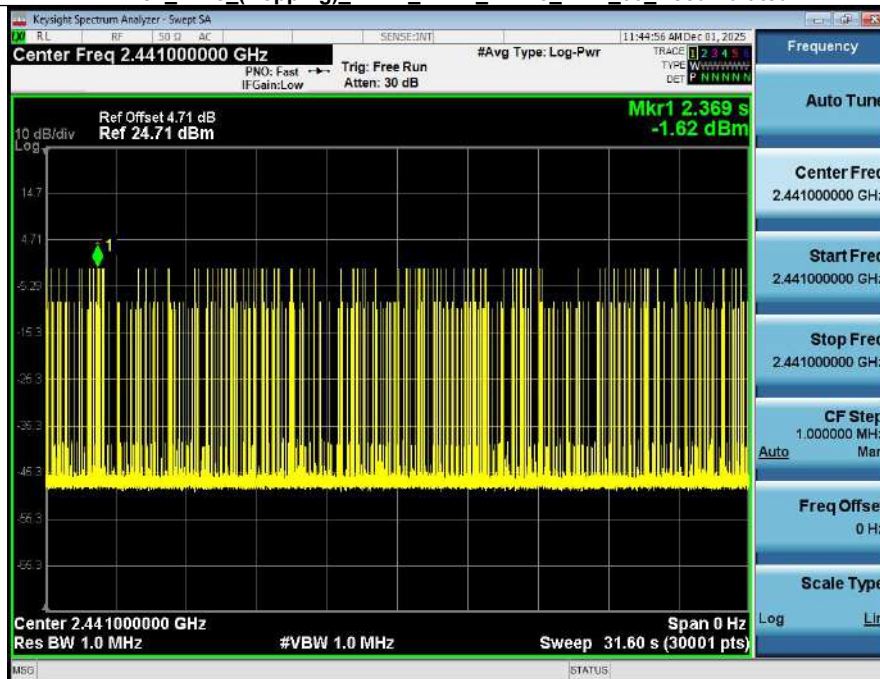
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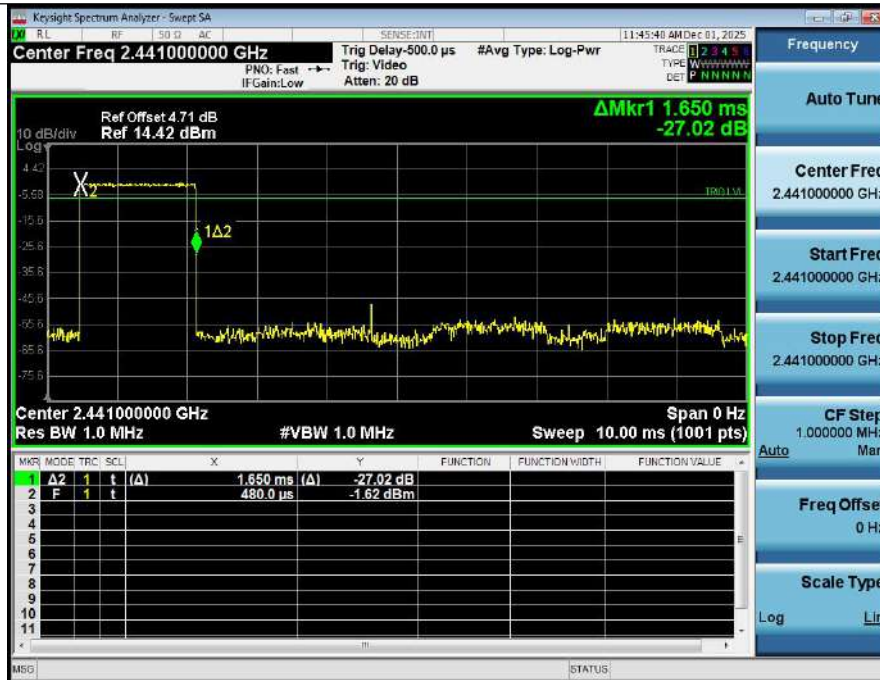
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



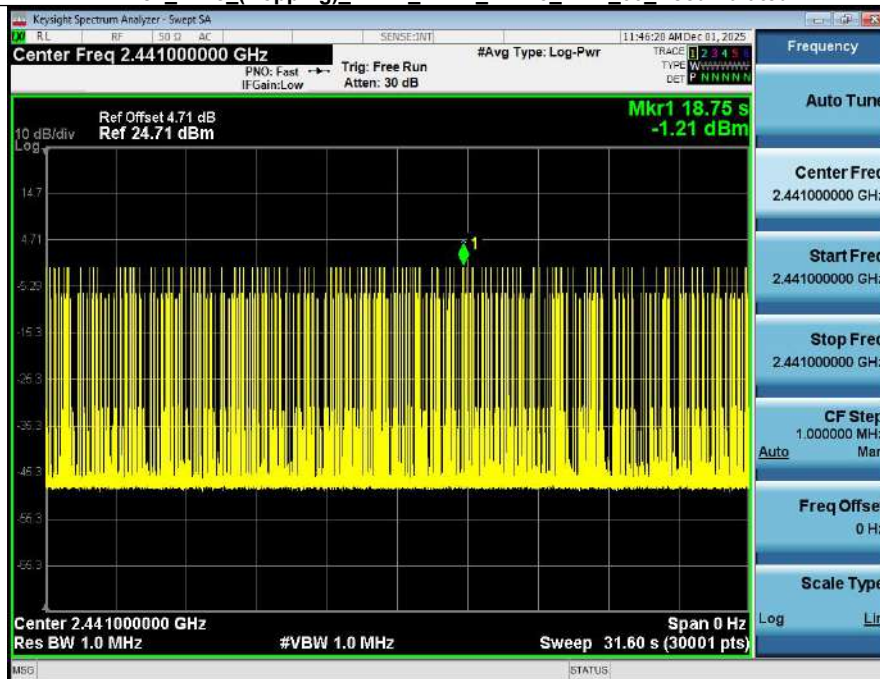
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



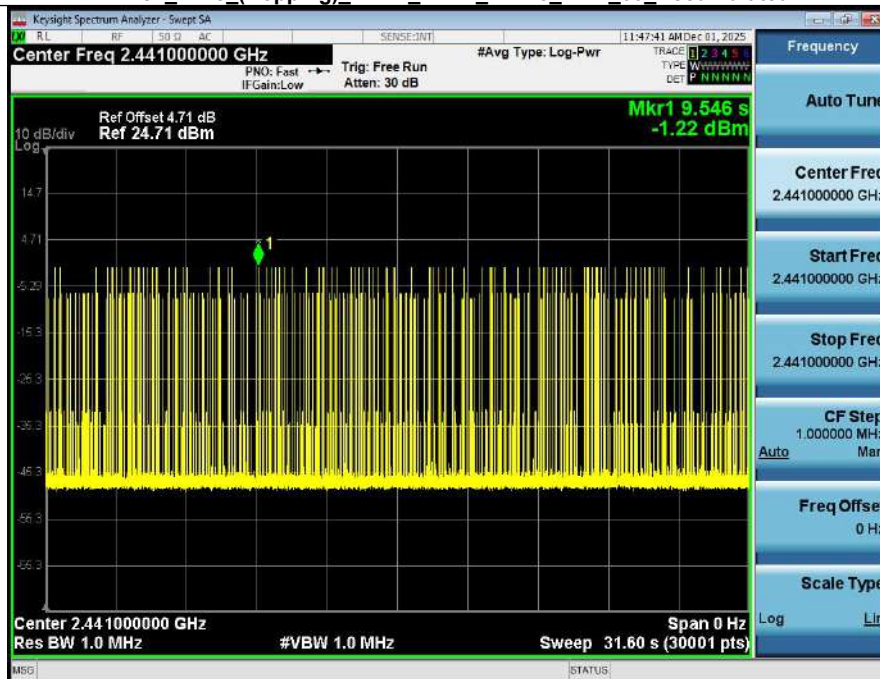
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



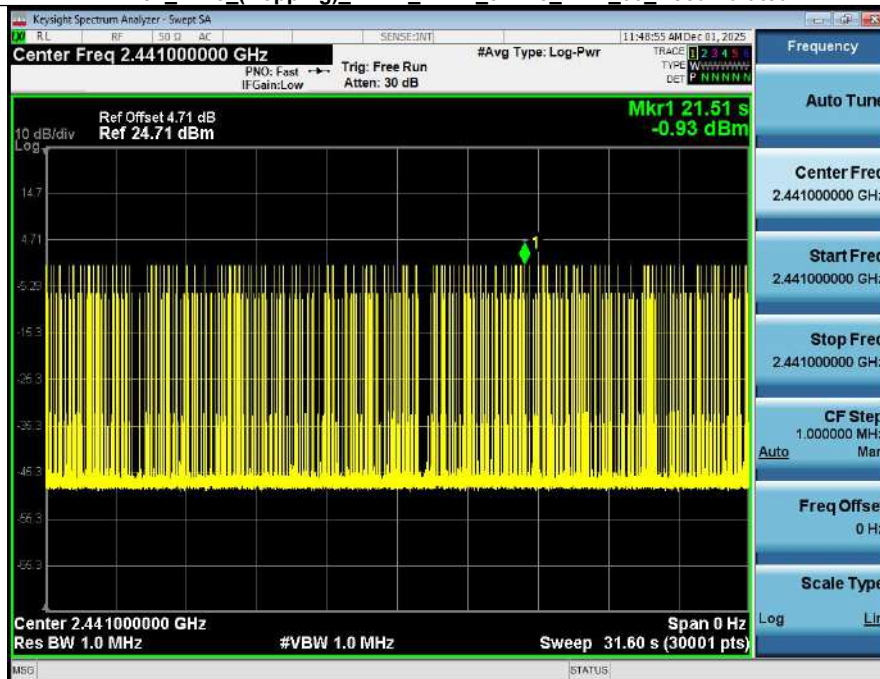
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

