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FCC ID:2BQJPKS2501

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	0.880	No
NVNT	ANT1	1-DH1	2441.00	0.877	No
NVNT	ANT1	1-DH1	2480.00	0.878	No
NVNT	ANT1	2-DH1	2402.00	1.287	Yes
NVNT	ANT1	2-DH1	2441.00	1.292	Yes
NVNT	ANT1	2-DH1	2480.00	1.288	Yes
NVNT	ANT1	3-DH1	2402.00	1.227	Yes
NVNT	ANT1	3-DH1	2441.00	1.232	Yes
NVNT	ANT1	3-DH1	2480.00	1.245	Yes



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00



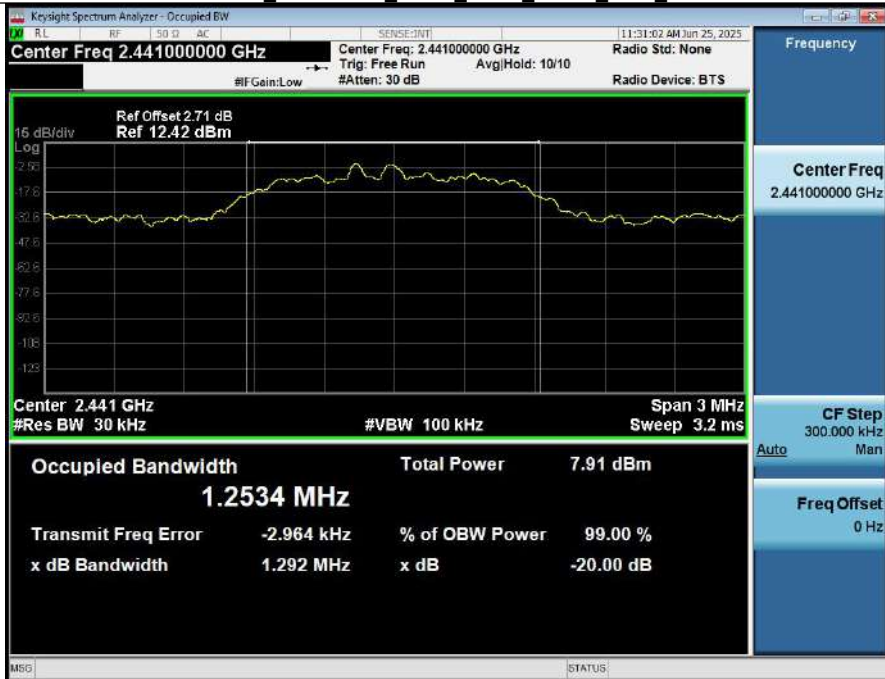
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



-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

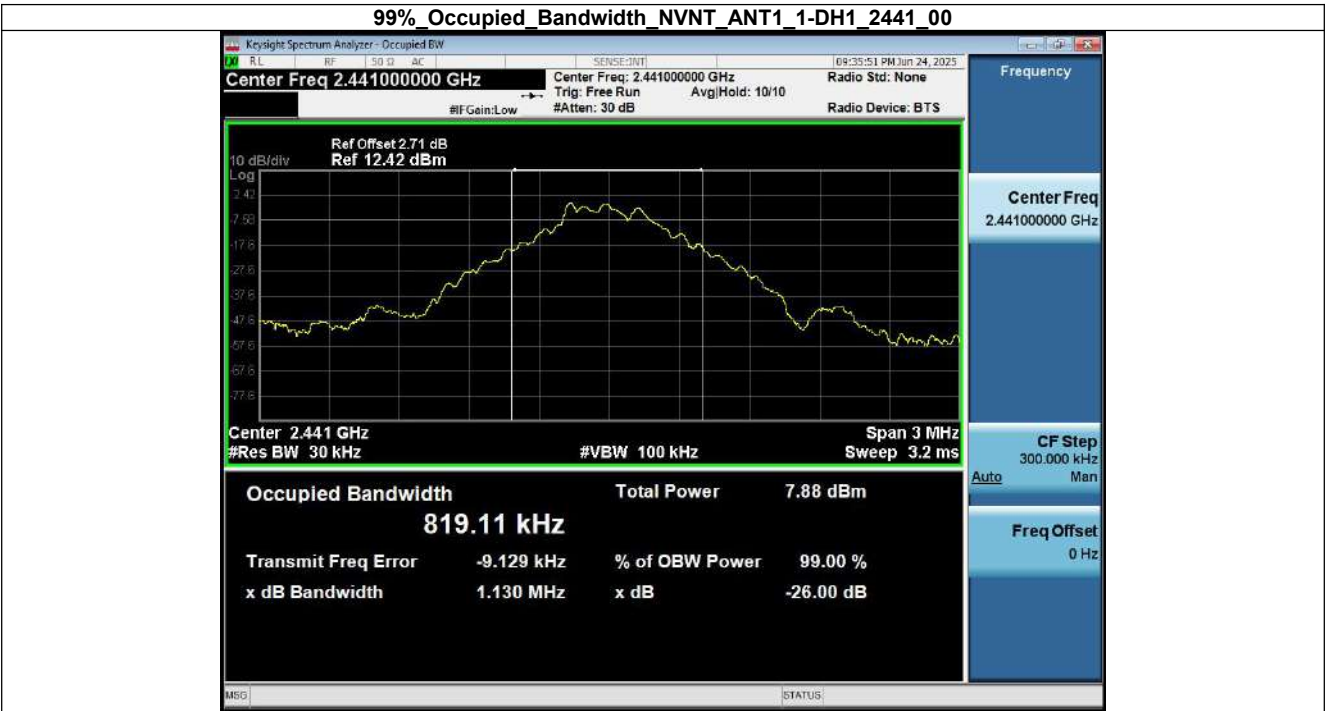


-20dB Bandwidth NVNT_ANT1 3-DH1 2480_00



2. 99% Occupied Bandwidth

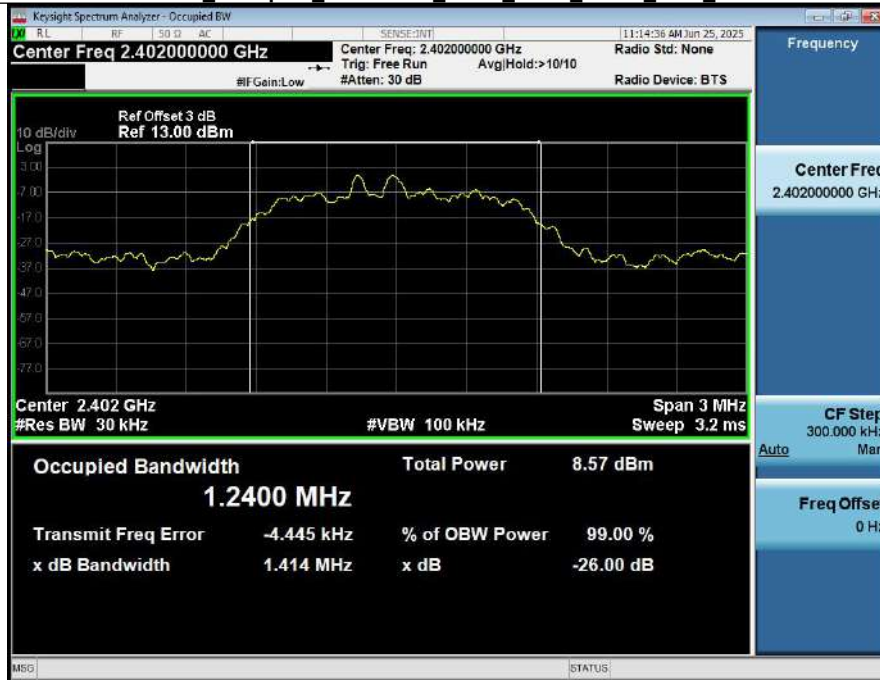
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.824
NVNT	ANT1	1-DH1	2441.00	0.819
NVNT	ANT1	1-DH1	2480.00	0.824
NVNT	ANT1	2-DH1	2402.00	1.240
NVNT	ANT1	2-DH1	2441.00	1.252
NVNT	ANT1	2-DH1	2480.00	1.210
NVNT	ANT1	3-DH1	2402.00	1.208
NVNT	ANT1	3-DH1	2441.00	1.217
NVNT	ANT1	3-DH1	2480.00	1.188



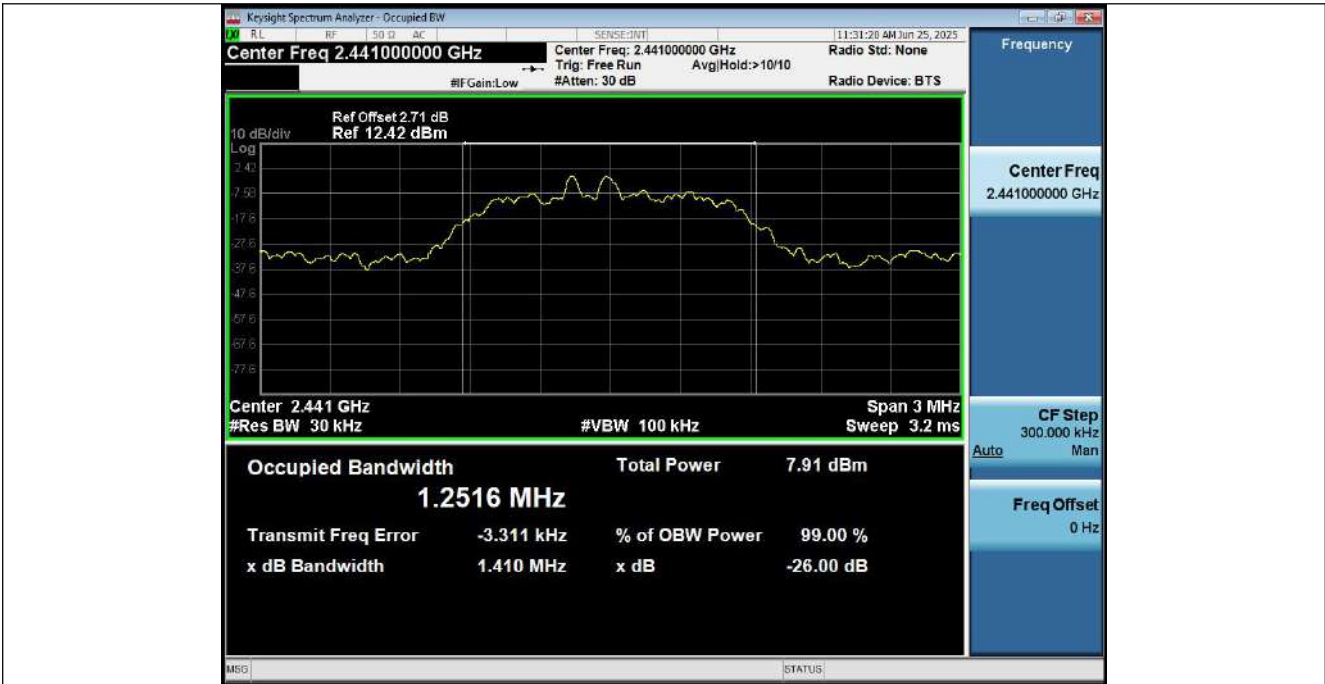
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



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	1.630	1.46	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.814	1.21	1000	Pass
NVNT	ANT1	1-DH1	2480.00	1.221	1.32	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.769	1.50	125	Pass
NVNT	ANT1	2-DH1	2441.00	1.127	1.30	125	Pass
NVNT	ANT1	2-DH1	2480.00	1.827	1.52	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.871	1.54	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.361	1.37	125	Pass
NVNT	ANT1	3-DH1	2480.00	2.093	1.62	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



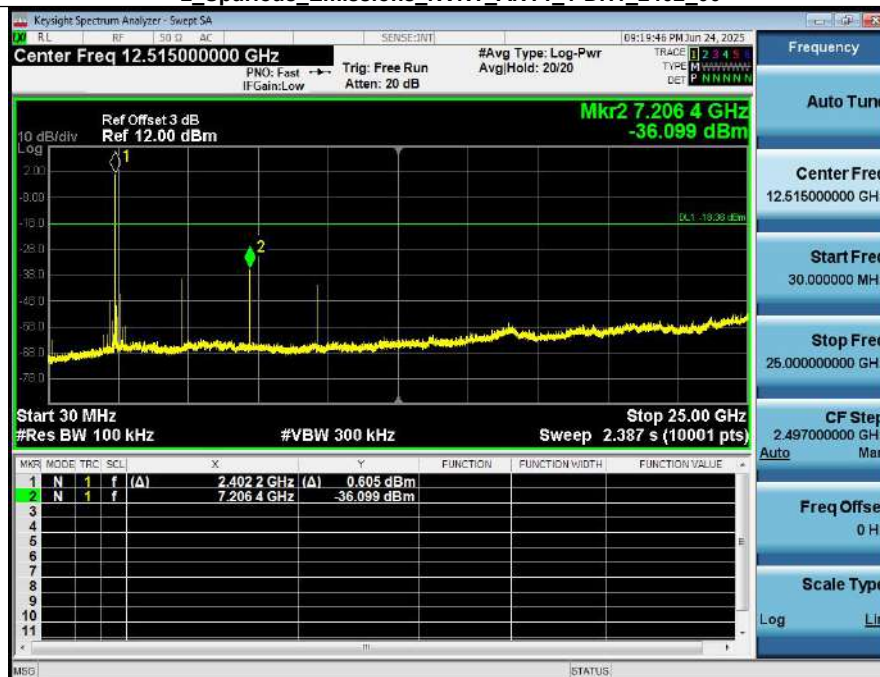
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	1.637	-36.099	-18.363	Pass
NVNT	ANT1	1-DH1	2441.00	0.780	-36.694	-19.220	Pass
NVNT	ANT1	1-DH1	2480.00	1.215	-39.161	-18.785	Pass
NVNT	ANT1	2-DH1	2402.00	1.487	-39.634	-18.513	Pass
NVNT	ANT1	2-DH1	2441.00	0.857	-35.819	-19.143	Pass
NVNT	ANT1	2-DH1	2480.00	1.421	-40.505	-18.579	Pass
NVNT	ANT1	3-DH1	2402.00	1.400	-36.567	-18.600	Pass
NVNT	ANT1	3-DH1	2441.00	0.901	-36.226	-19.099	Pass
NVNT	ANT1	3-DH1	2480.00	1.495	-43.126	-18.505	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



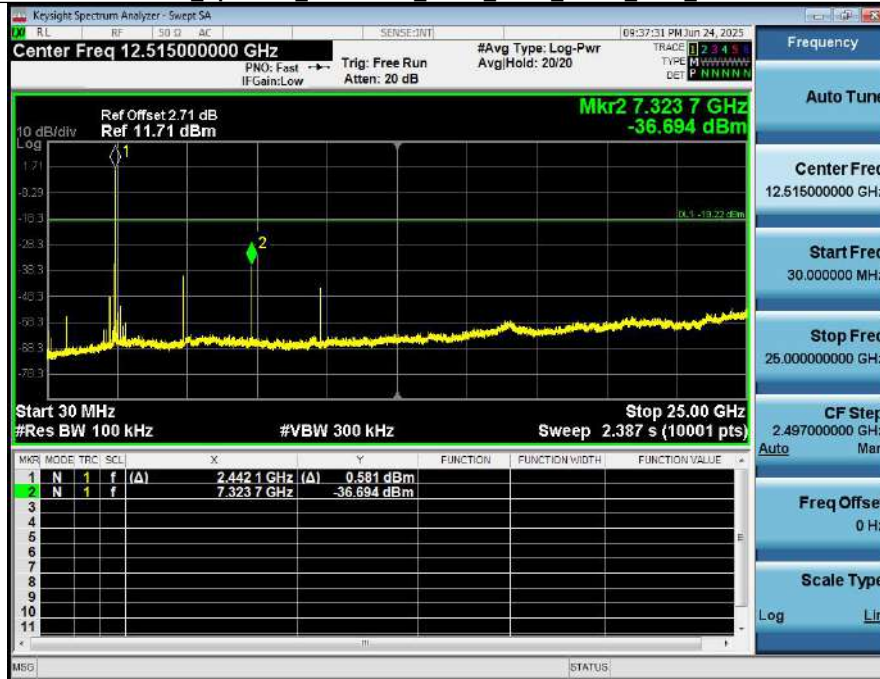
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



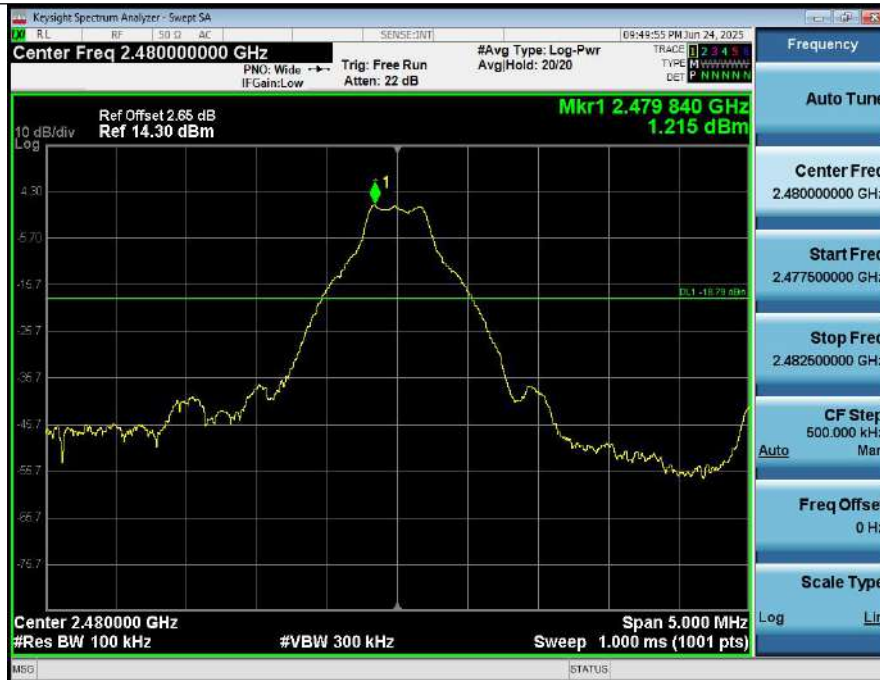
1 Reference Level NVNT ANT1 1-DH1 2441 00



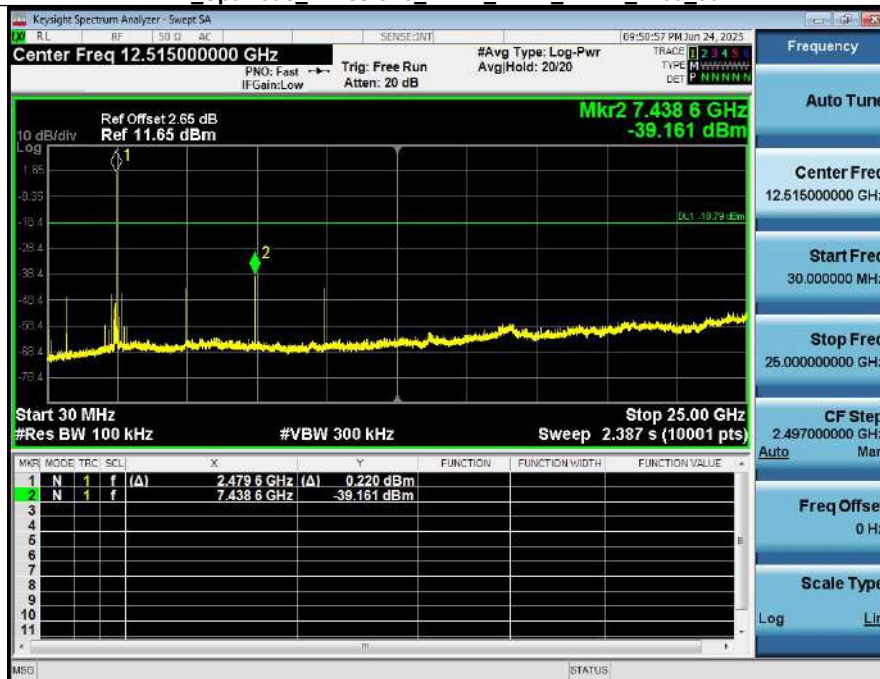
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



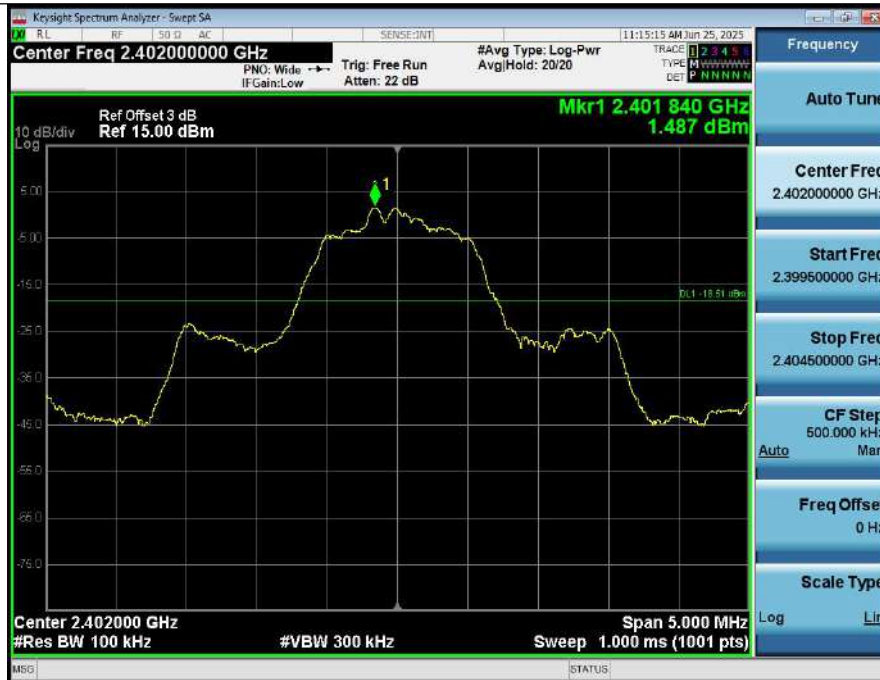
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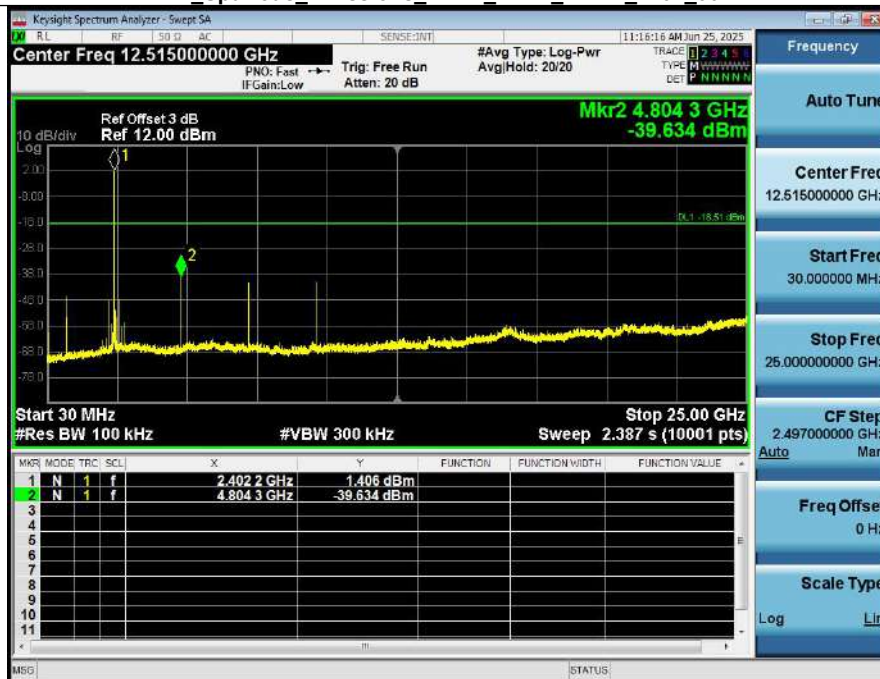
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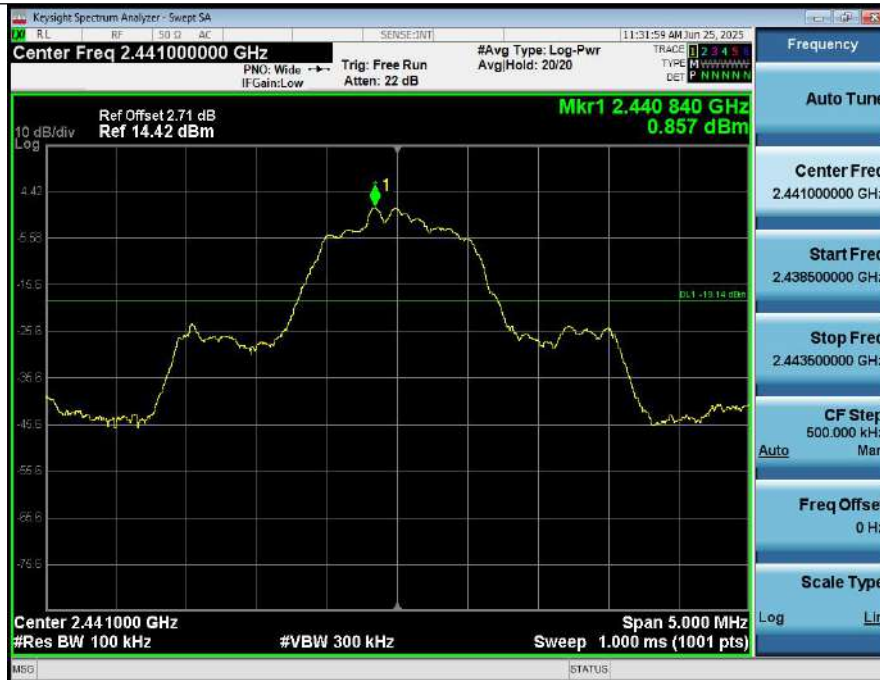
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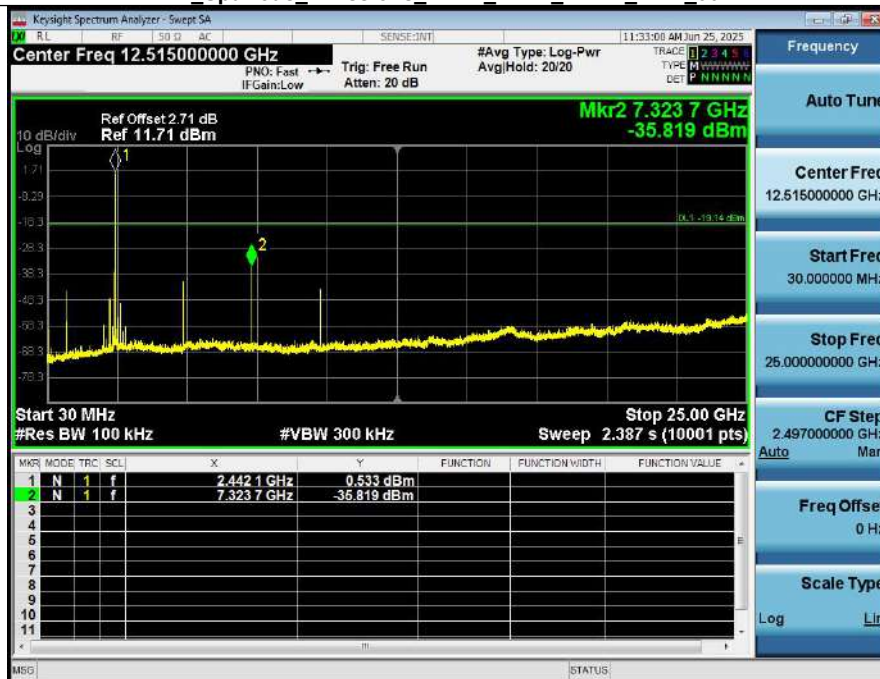
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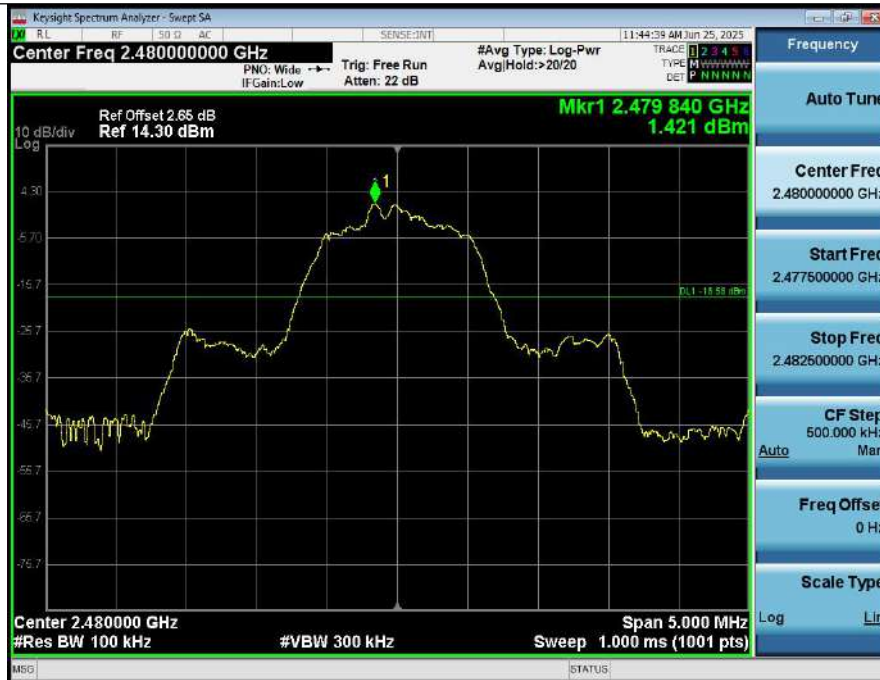
1 Reference Level NVNT_ANT1_2-DH1_2441_00



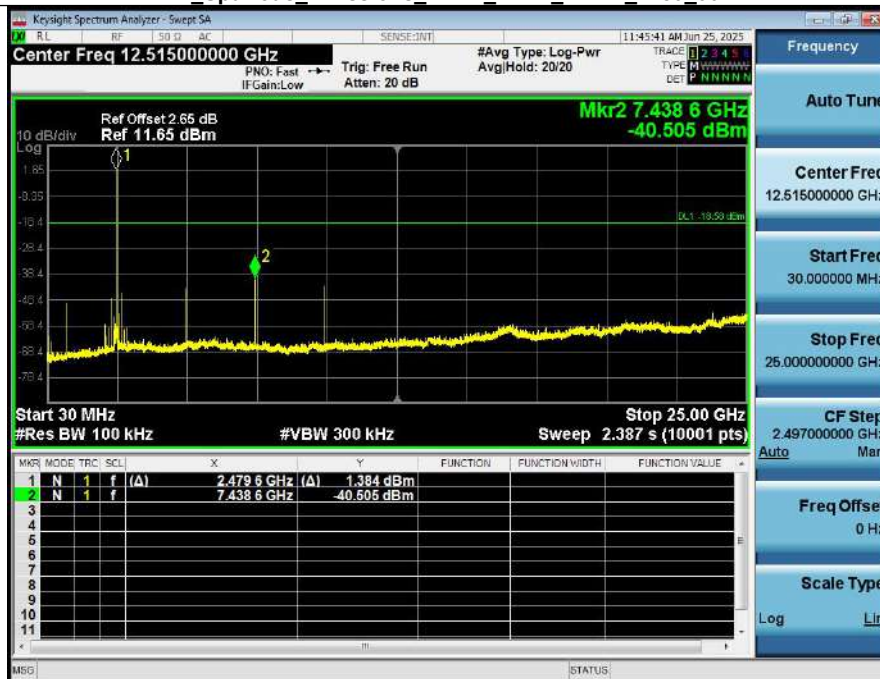
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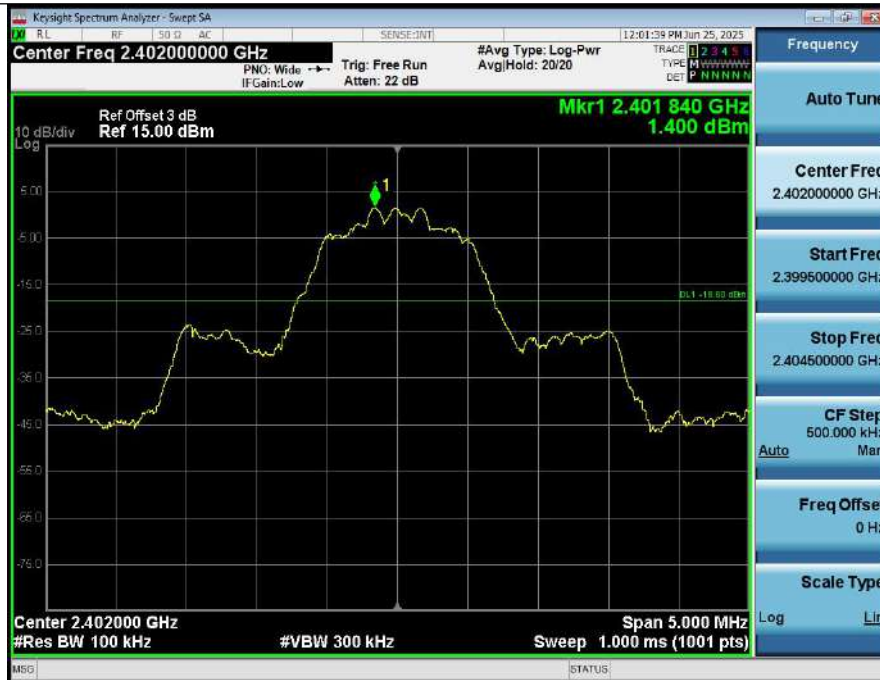
1 Reference Level_NVNT_ANT1_2-DH1_2480_00



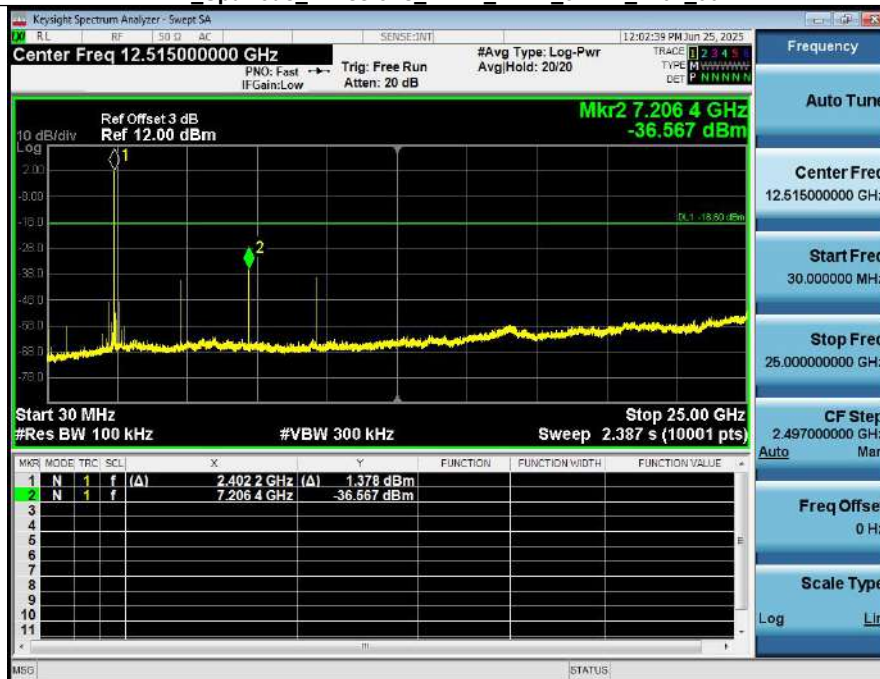
2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



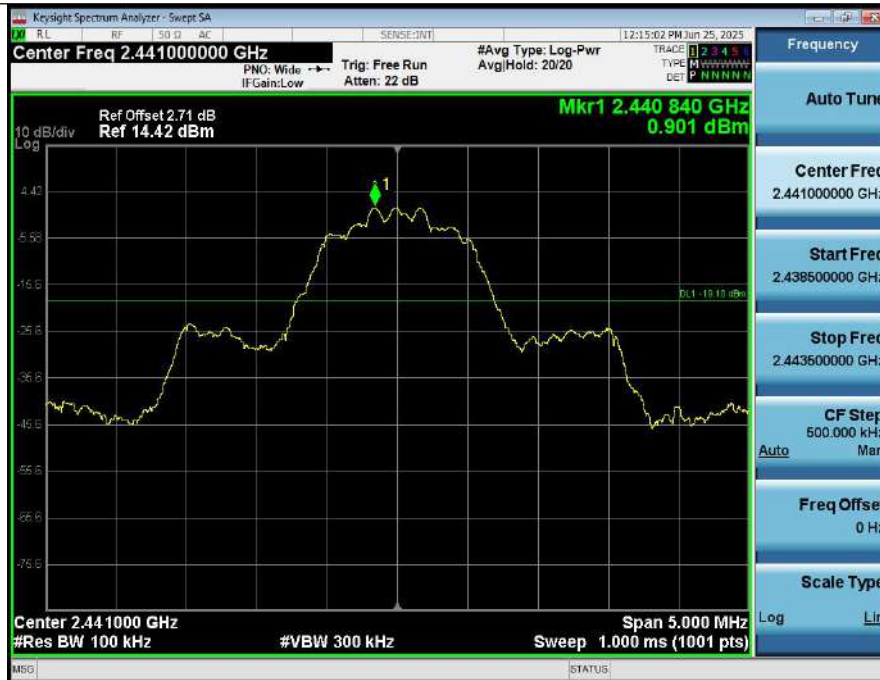
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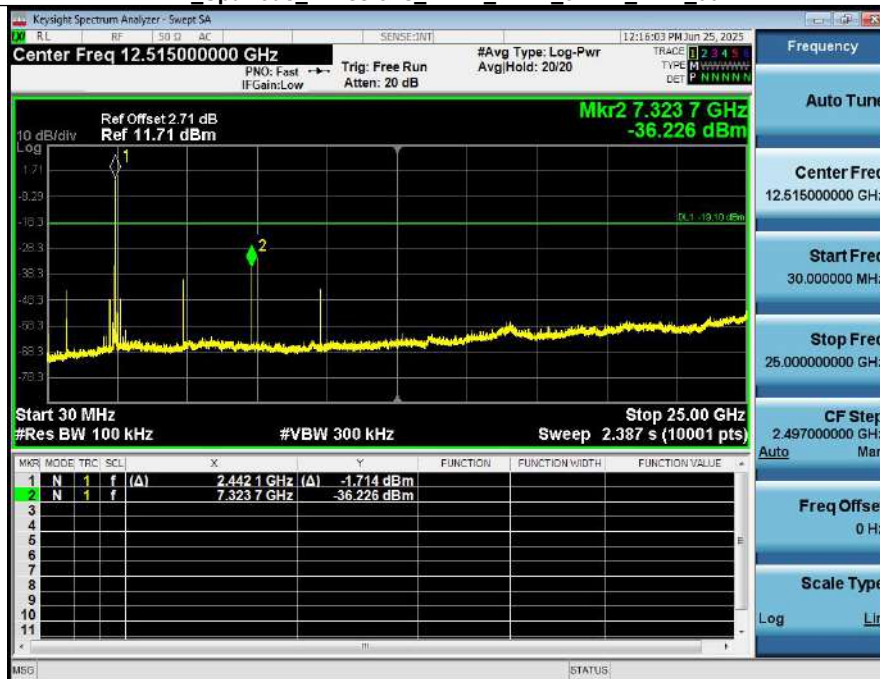
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



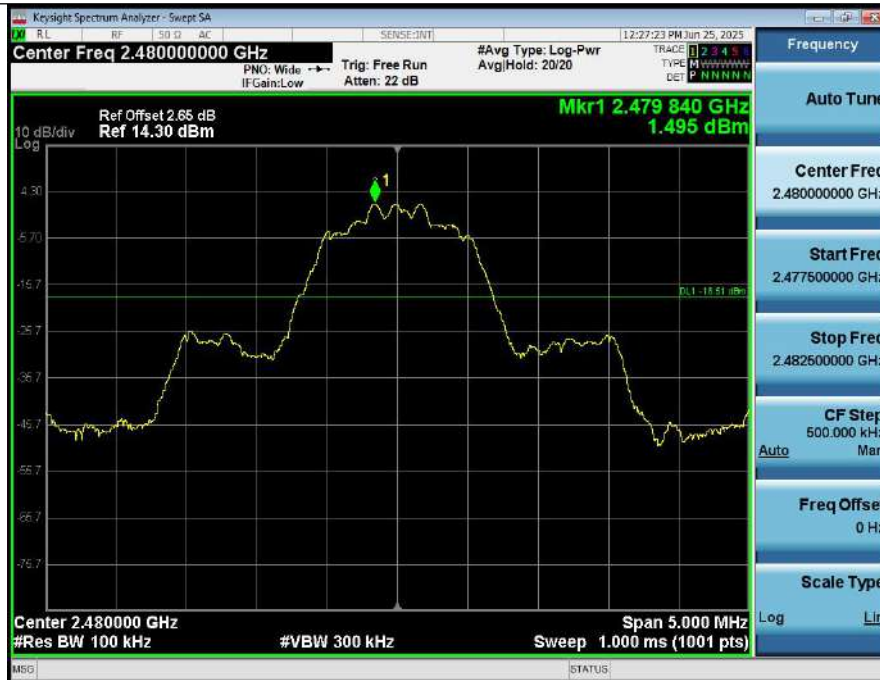
1 Reference Level_NVNT_ANT1_3-DH1_2441_00



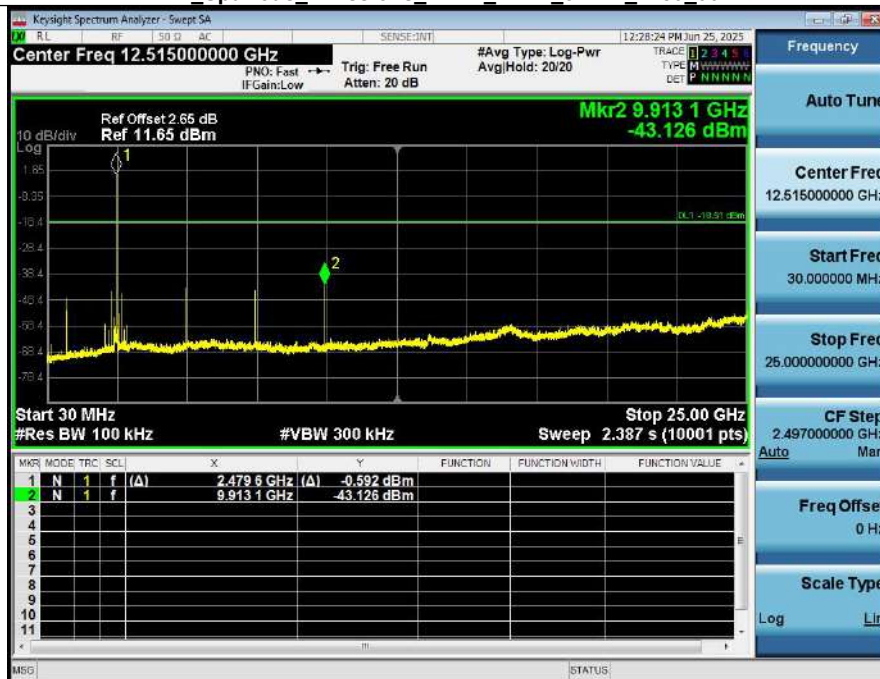
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



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	1.637	-34.728	-18.363	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	1.644	-34.567	-18.356	Pass
NVNT	ANT1	1-DH1	2480.00	1.215	-43.246	-18.785	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	1.316	-43.214	-18.684	Pass
NVNT	ANT1	2-DH1	2402.00	1.487	-34.619	-18.513	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	1.566	-34.655	-18.434	Pass
NVNT	ANT1	2-DH1	2480.00	1.421	-42.931	-18.579	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	1.496	-42.930	-18.504	Pass
NVNT	ANT1	3-DH1	2402.00	1.400	-34.568	-18.600	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	1.886	-34.487	-18.114	Pass
NVNT	ANT1	3-DH1	2480.00	1.495	-43.179	-18.505	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	1.551	-43.015	-18.449	Pass

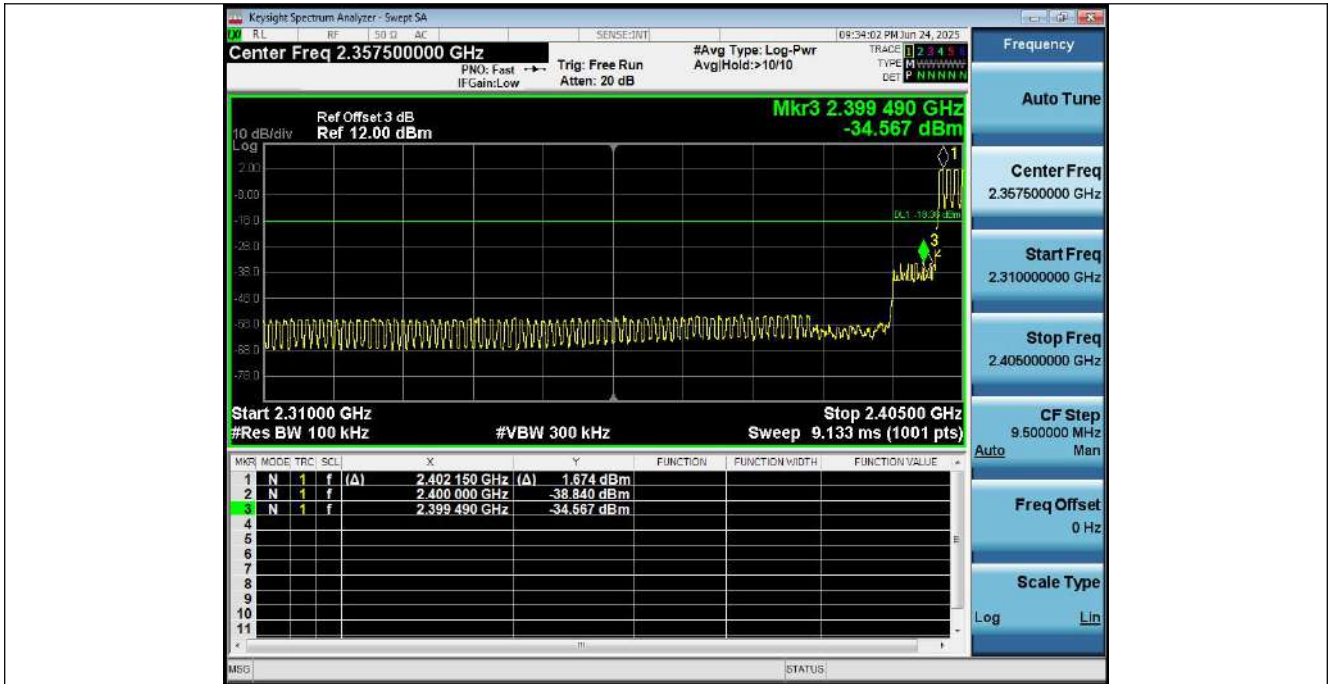




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



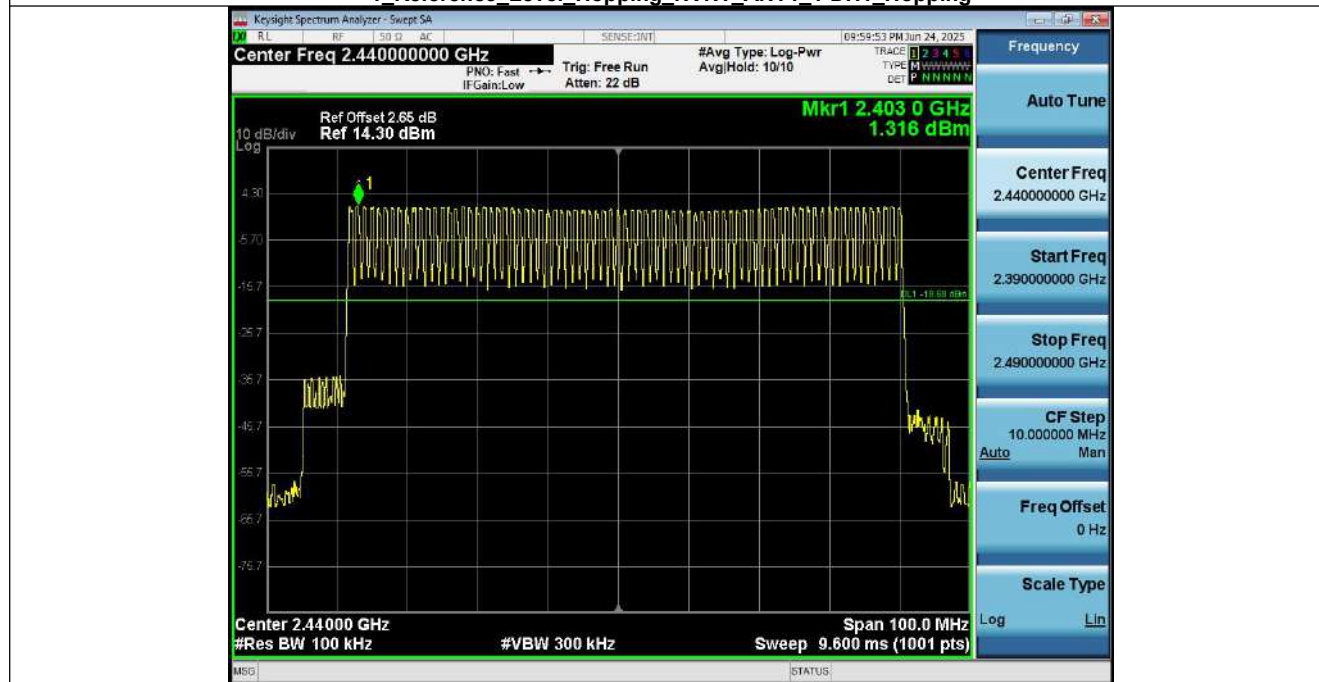
1 Reference Level NVNT ANT1 1-DH1 2480 00



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



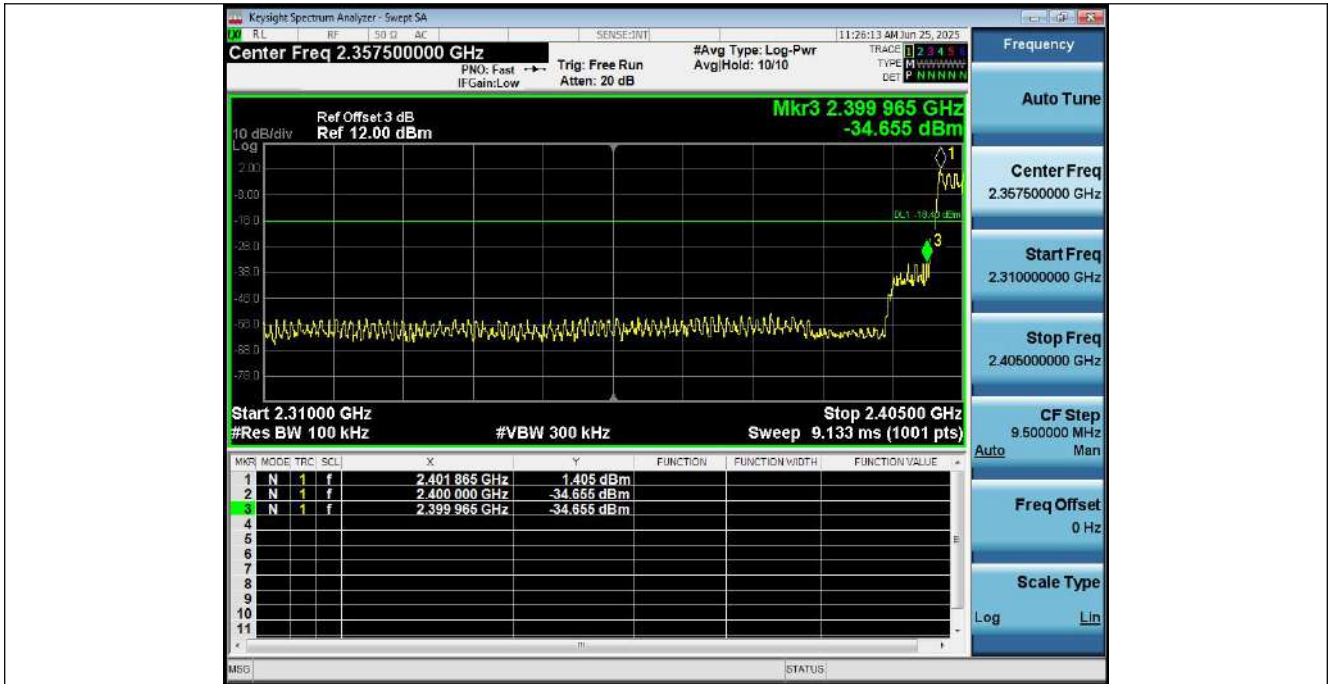
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



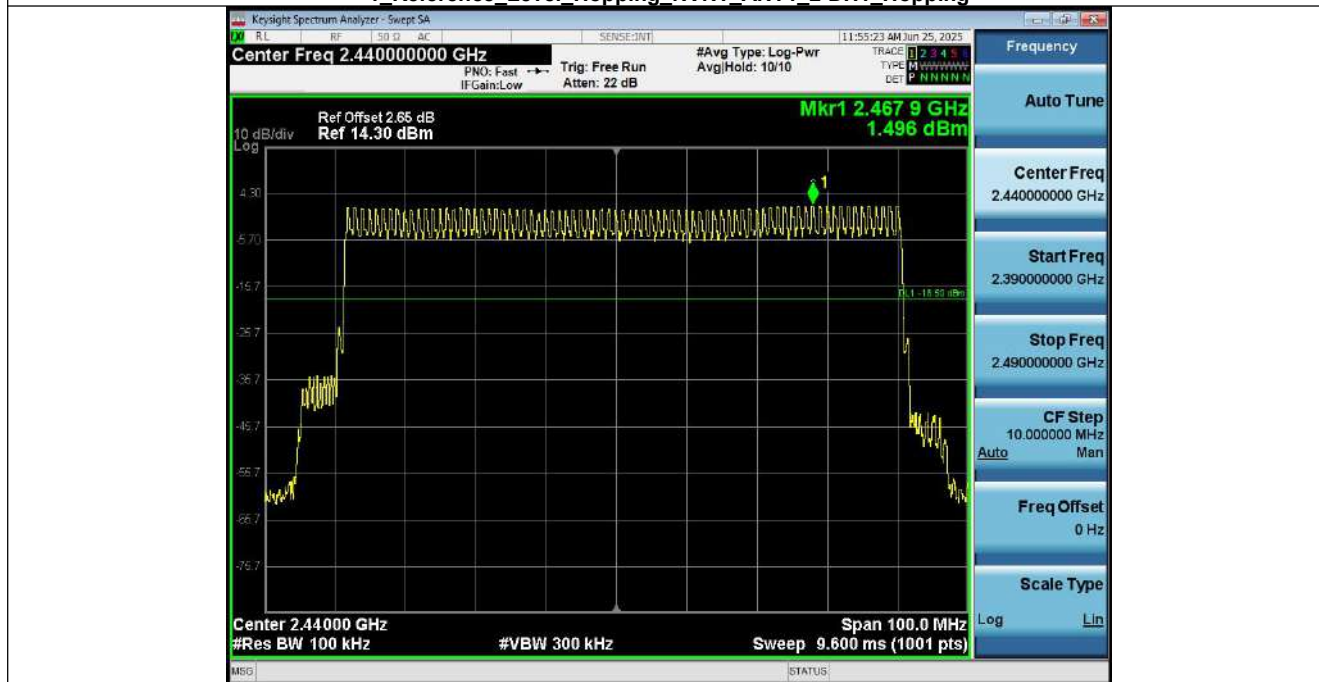
1 Reference Level NVNT ANT1 2-DH1 2480 00



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



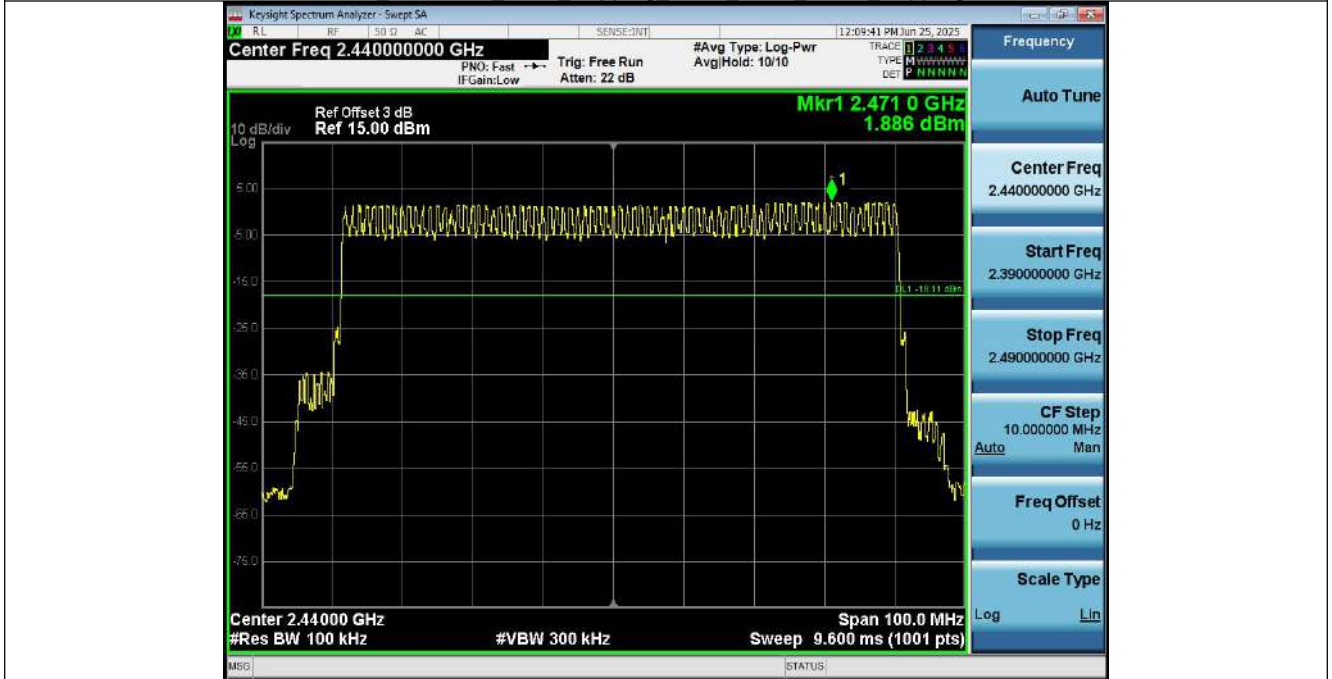
1 Reference Level NVNT ANT1 3-DH1 2402_00



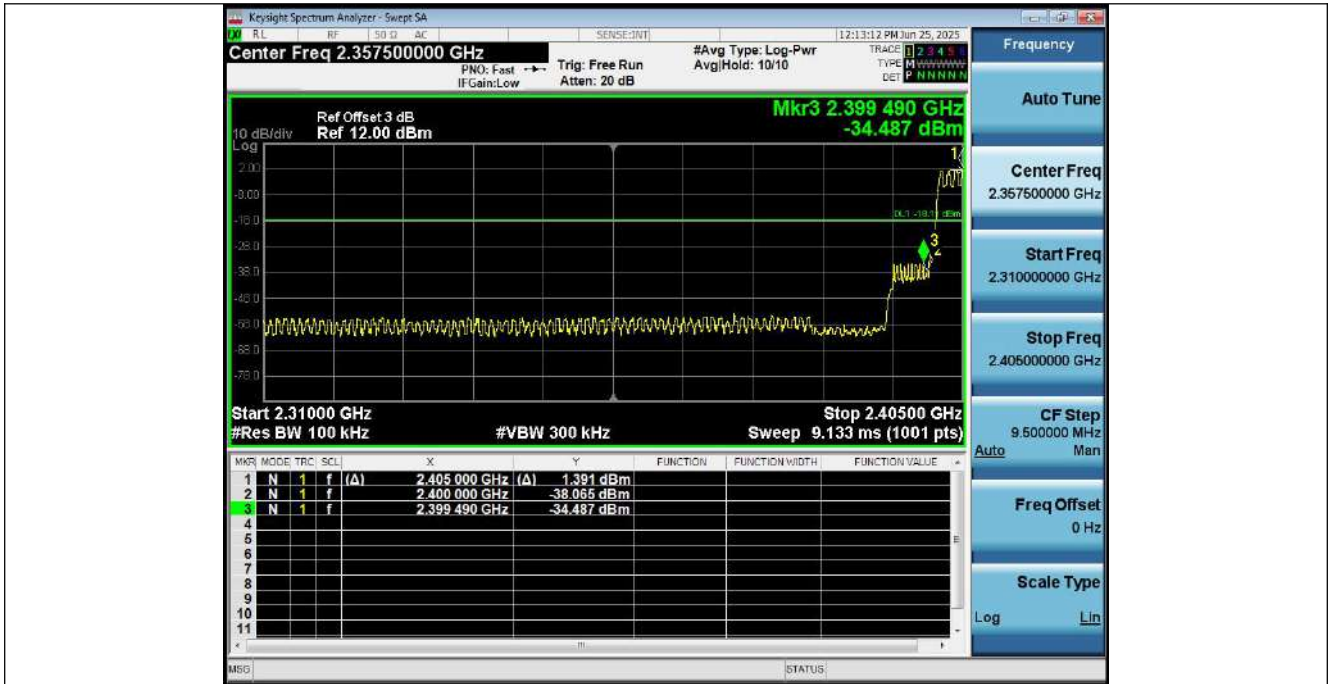
2 Bandedge NVNT ANT1 3-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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

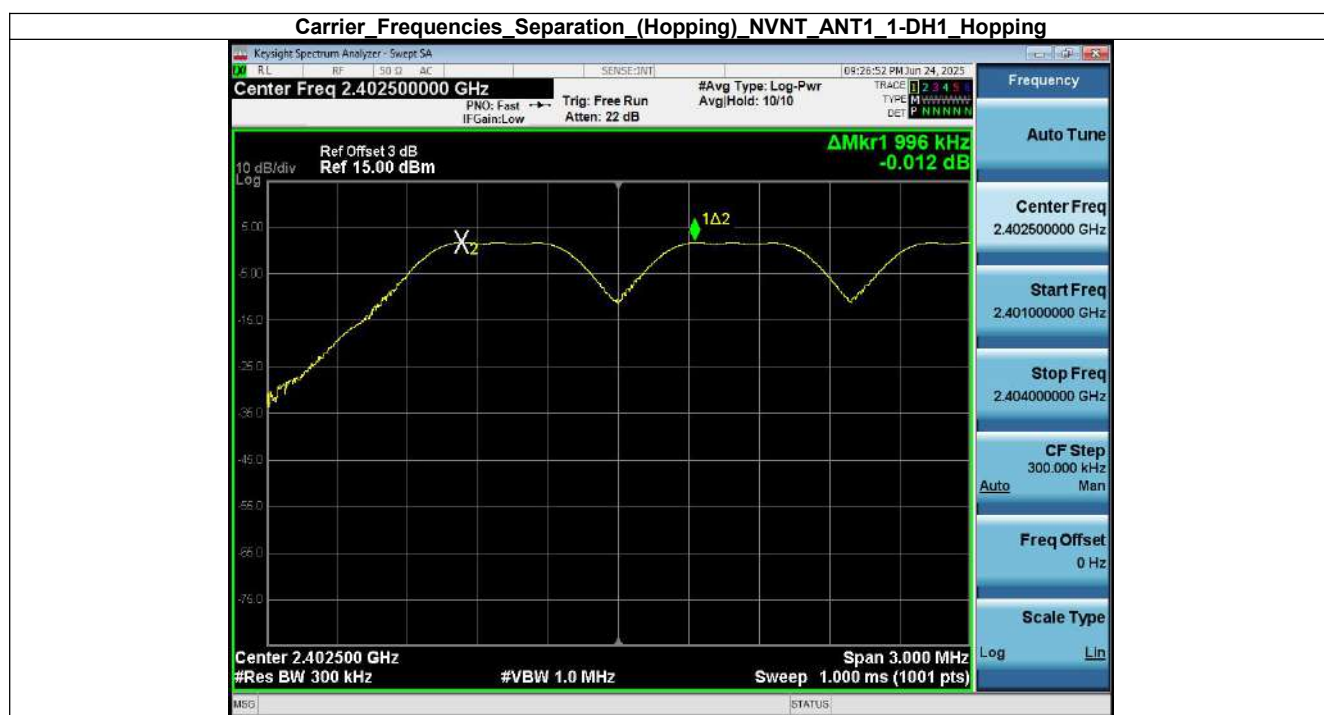


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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	2401.831	2402.827	0.996	0.880	Pass
NVNT	ANT1	1-DH1	2441.00	2440.834	2441.842	1.008	0.877	Pass
NVNT	ANT1	1-DH1	2480.00	2478.831	2479.830	0.999	0.878	Pass
NVNT	ANT1	2-DH1	2402.00	2401.831	2402.833	1.002	0.858	Pass
NVNT	ANT1	2-DH1	2441.00	2440.828	2441.833	1.005	0.861	Pass
NVNT	ANT1	2-DH1	2480.00	2478.834	2479.839	1.005	0.859	Pass
NVNT	ANT1	3-DH1	2402.00	2401.837	2402.833	0.996	0.818	Pass
NVNT	ANT1	3-DH1	2441.00	2440.837	2441.830	0.993	0.821	Pass
NVNT	ANT1	3-DH1	2480.00	2478.840	2479.836	0.996	0.830	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

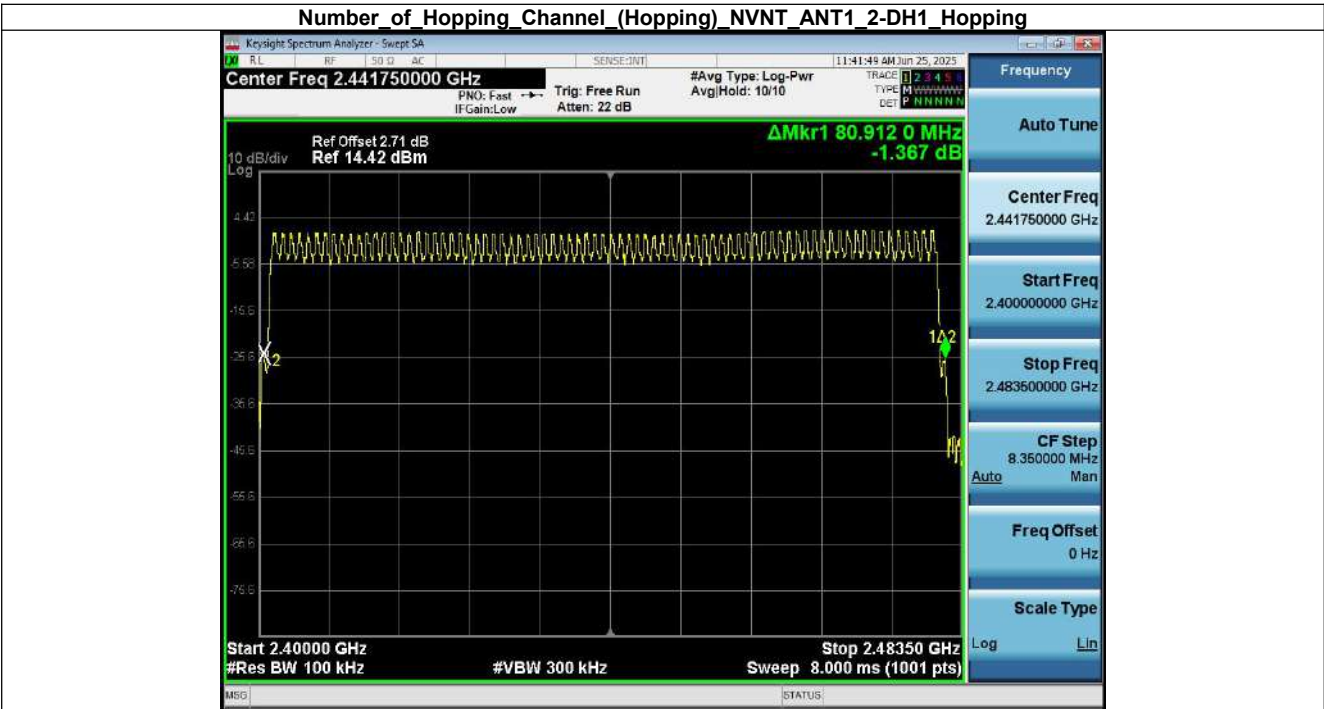
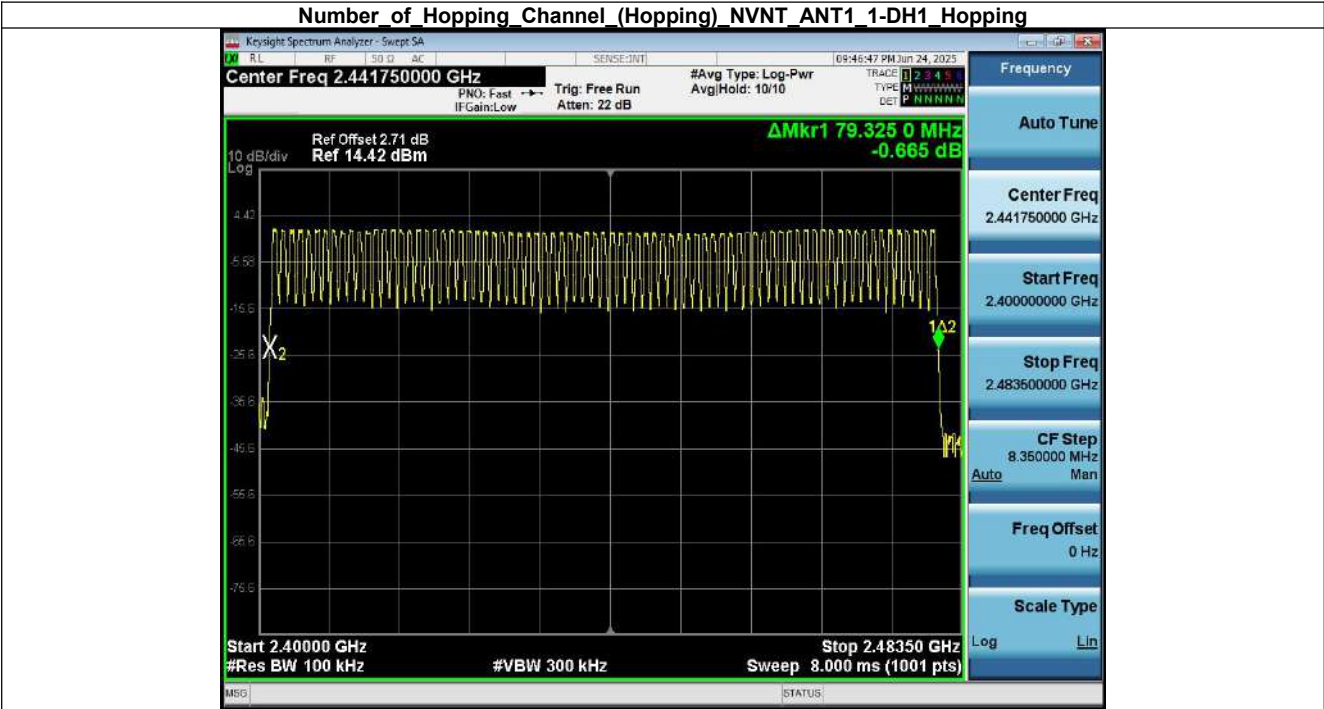


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



7. Number of Hopping Channel (Hopping)

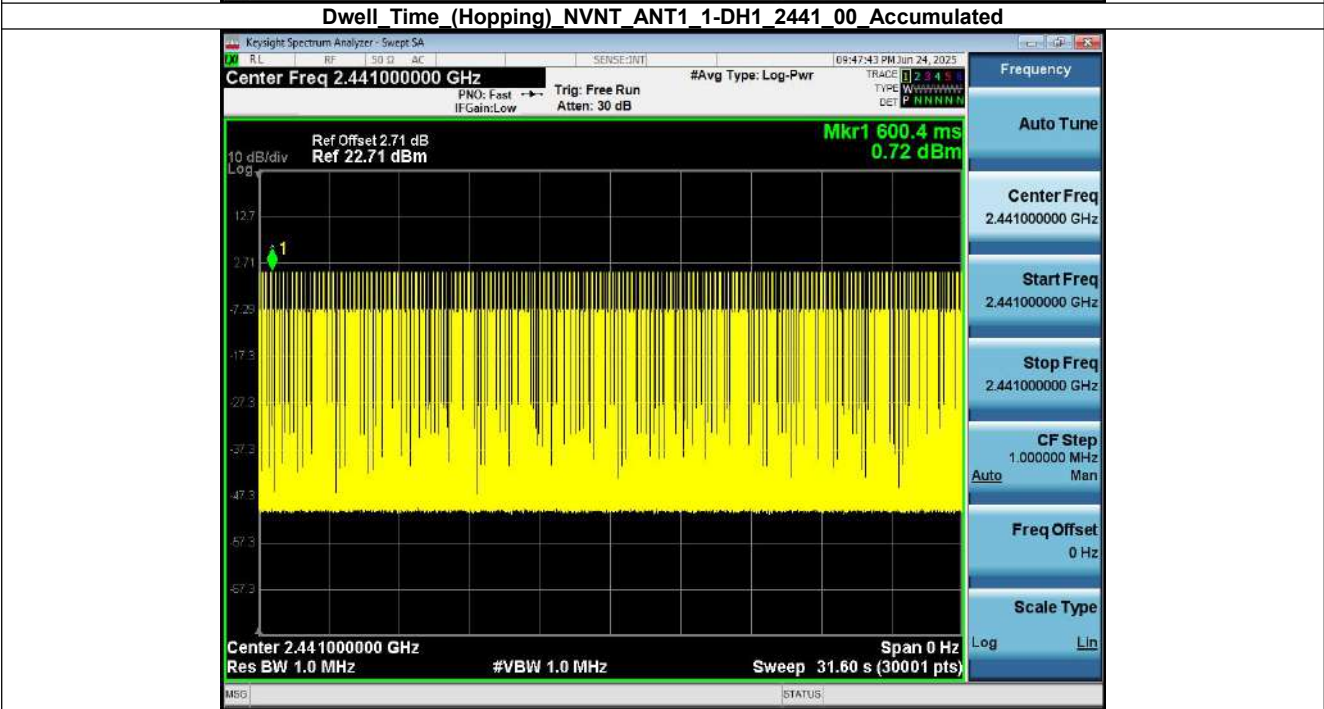
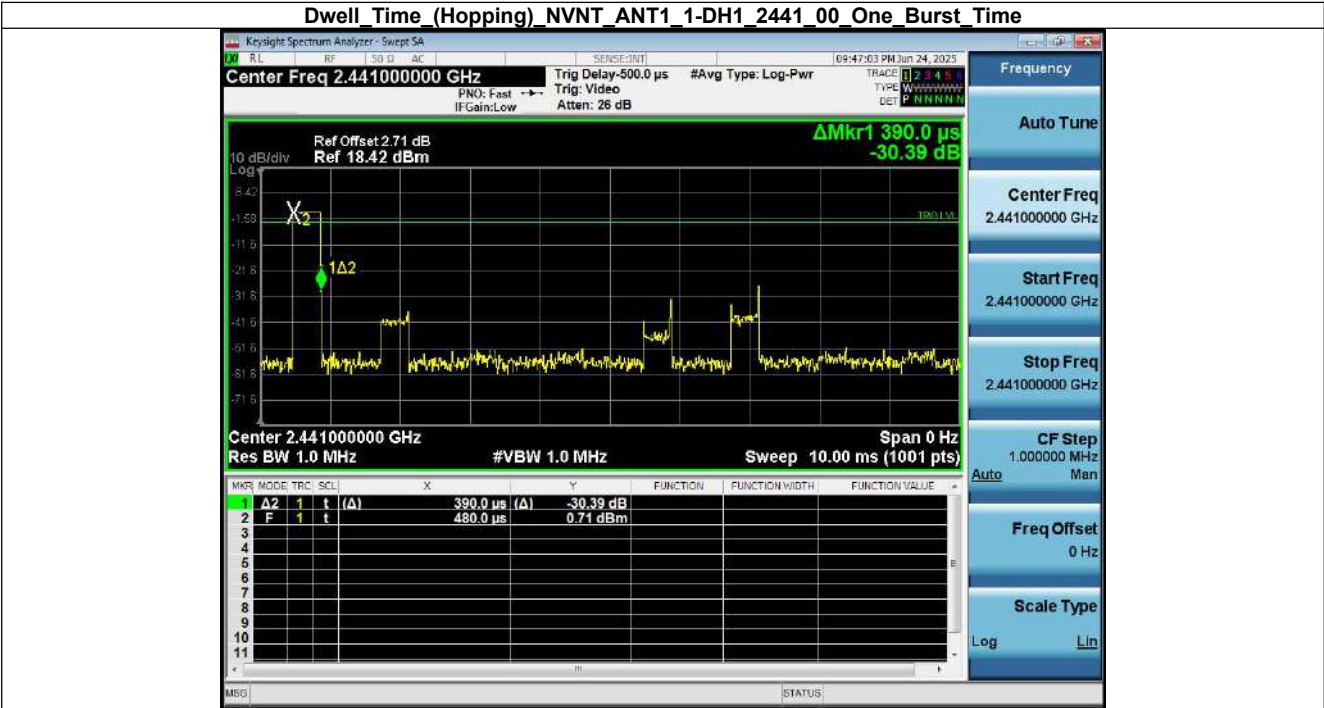
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	80	15	Pass
NVNT	ANT1	3-DH1	80	15	Pass



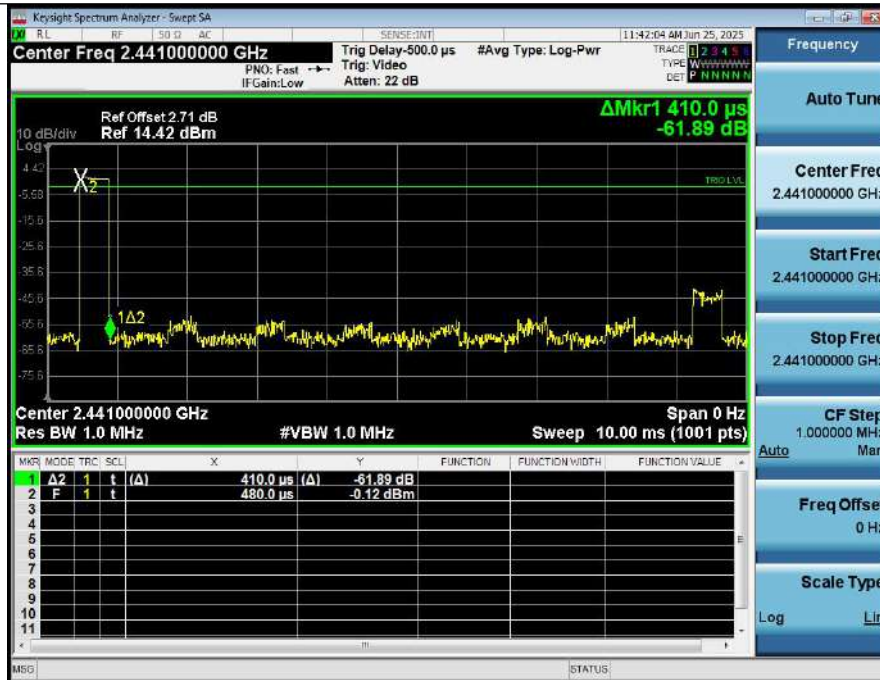
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

8. Dwell Time (Hopping)

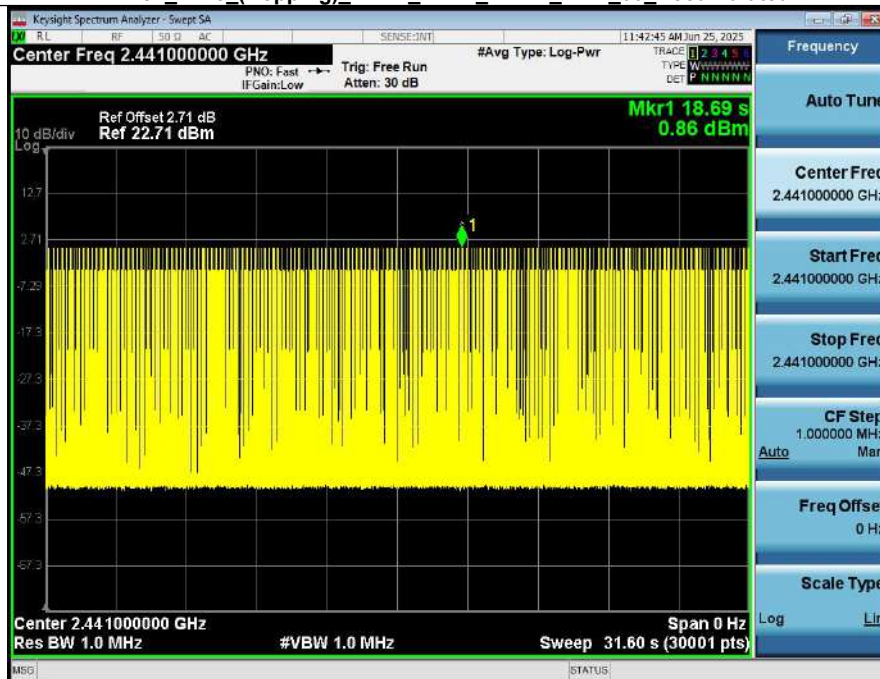
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	319.00	124.410	0.40	Pass
NVNT	ANT1	2-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	1-DH5	2.900	113.00	327.700	0.40	Pass
NVNT	ANT1	2-DH3	1.660	158.00	262.280	0.40	Pass
NVNT	ANT1	2-DH5	2.900	105.00	304.500	0.40	Pass
NVNT	ANT1	3-DH3	1.650	165.00	272.250	0.40	Pass
NVNT	ANT1	3-DH5	2.910	100.00	291.000	0.40	Pass



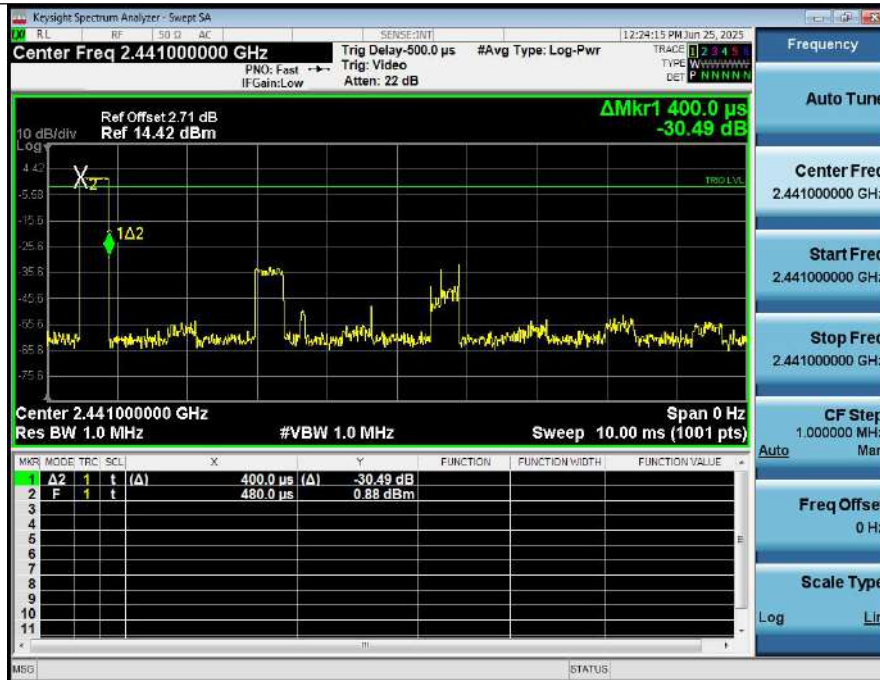
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



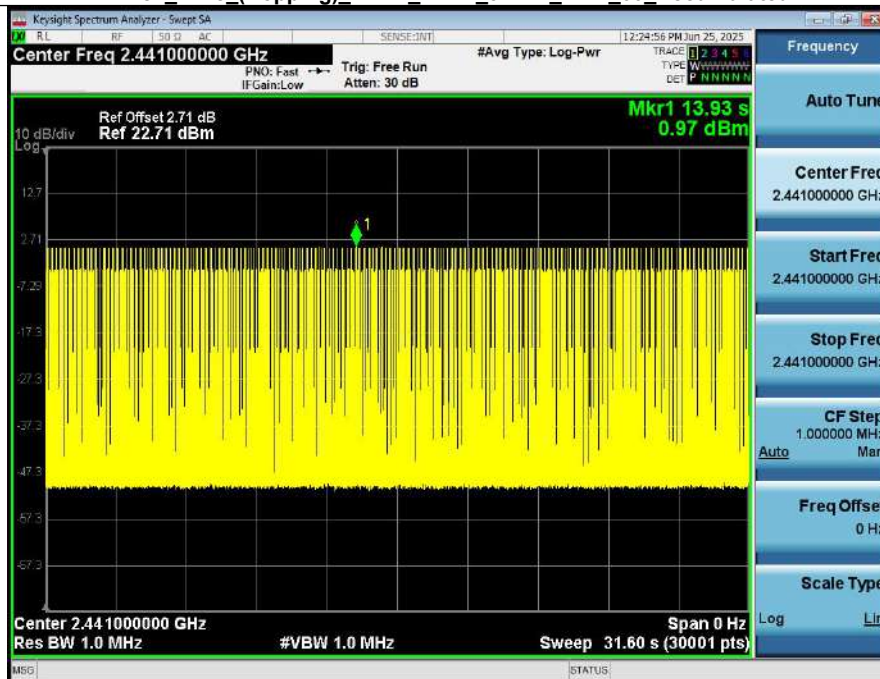
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



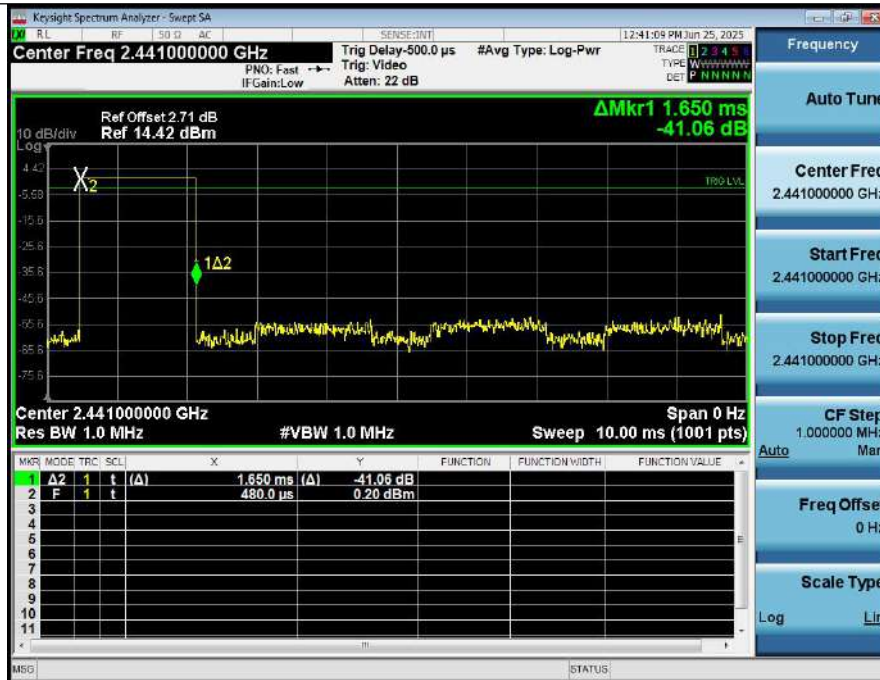
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



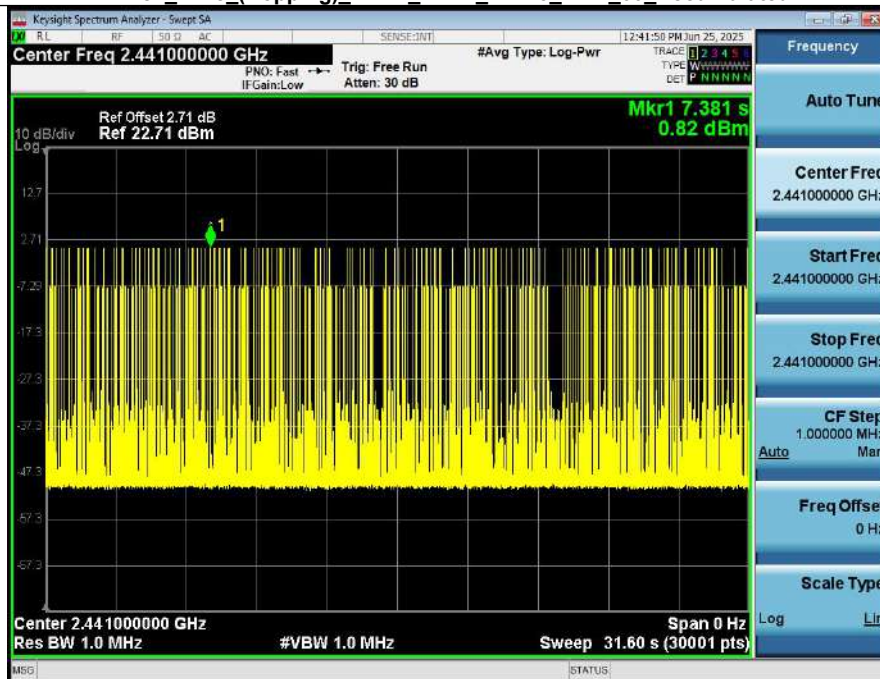
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



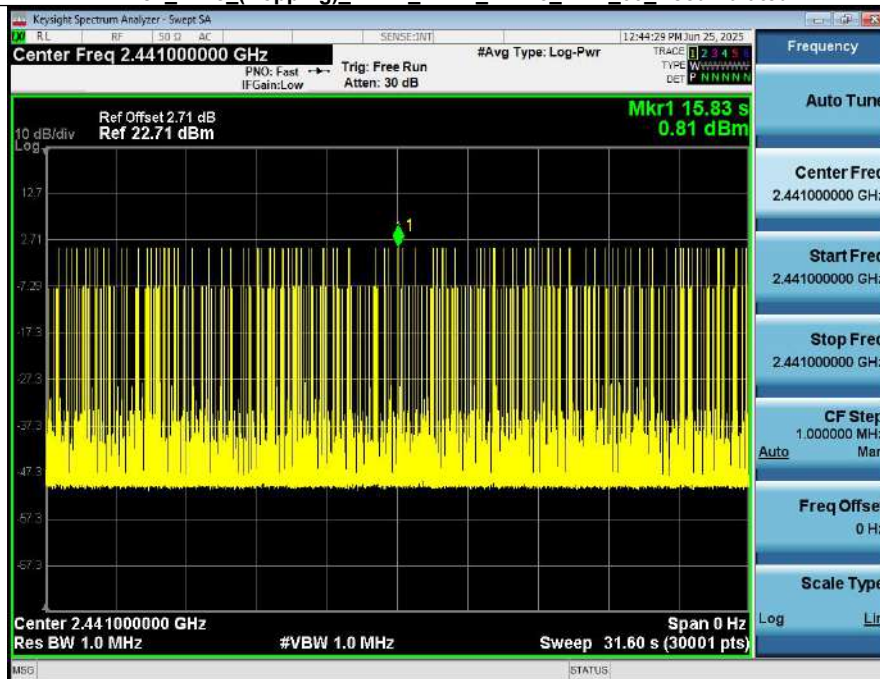
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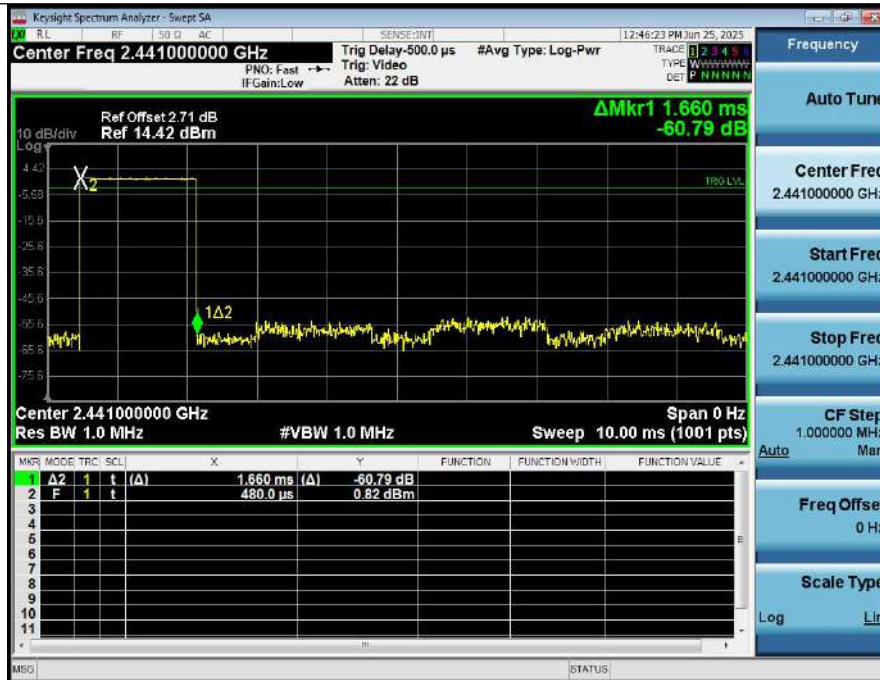
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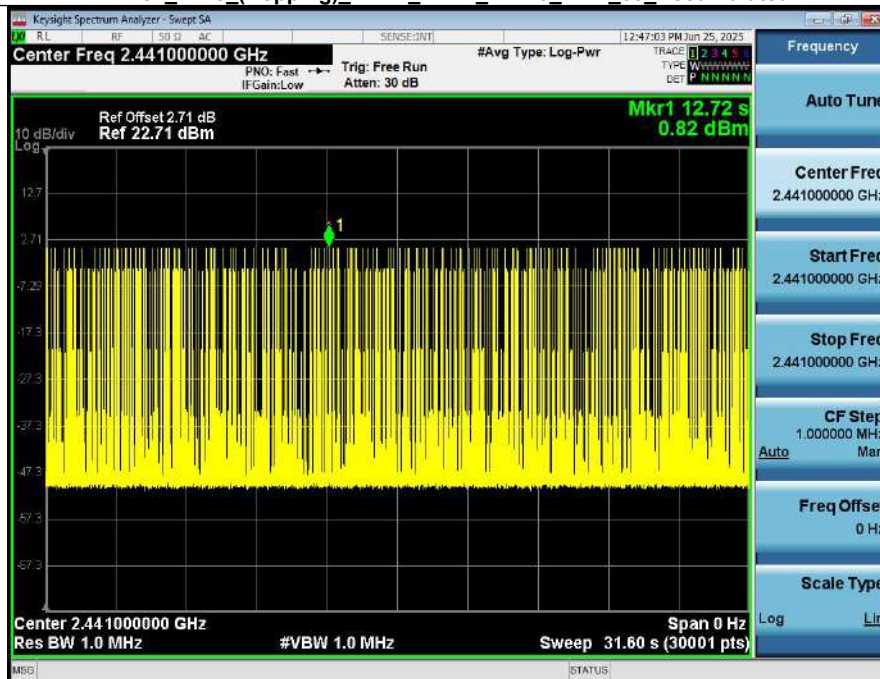
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



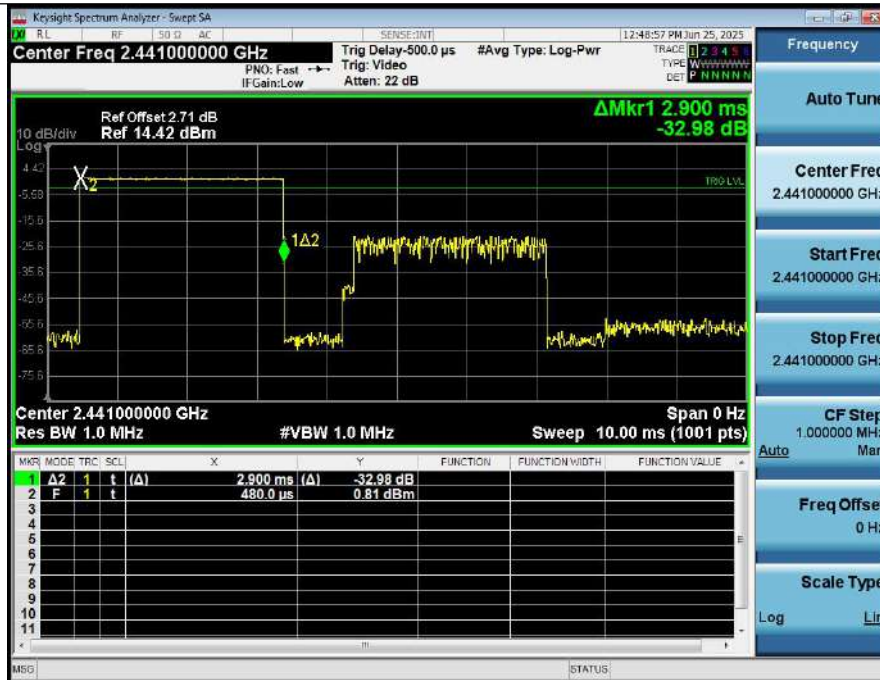
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



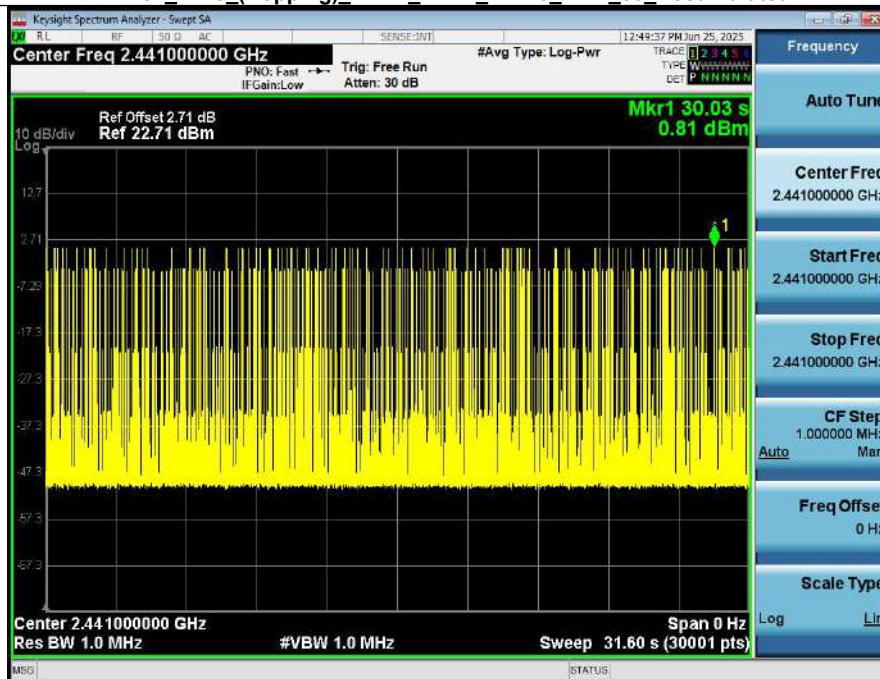
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



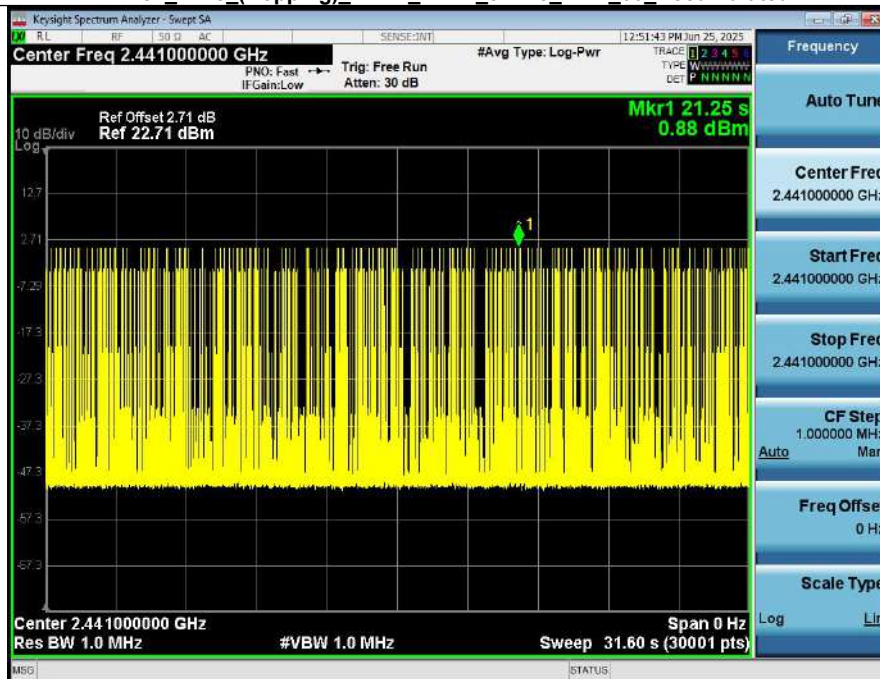
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

