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FCC ID:2BQJPKS2503

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	1.033	Yes
NVNT	ANT1	1-DH1	2441.00	1.040	Yes
NVNT	ANT1	1-DH1	2480.00	1.035	Yes
NVNT	ANT1	2-DH1	2402.00	1.294	Yes
NVNT	ANT1	2-DH1	2441.00	1.288	Yes
NVNT	ANT1	2-DH1	2480.00	1.281	Yes
NVNT	ANT1	3-DH1	2402.00	1.256	Yes
NVNT	ANT1	3-DH1	2441.00	1.259	Yes
NVNT	ANT1	3-DH1	2480.00	1.261	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	0.935
NVNT	ANT1	1-DH1	2441.00	0.967
NVNT	ANT1	1-DH1	2480.00	0.969
NVNT	ANT1	2-DH1	2402.00	1.200
NVNT	ANT1	2-DH1	2441.00	1.205
NVNT	ANT1	2-DH1	2480.00	1.200
NVNT	ANT1	3-DH1	2402.00	1.181
NVNT	ANT1	3-DH1	2441.00	1.185
NVNT	ANT1	3-DH1	2480.00	1.184



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	1.17	125	Pass
NVNT	ANT1	1-DH1	2441.00	0.35	1.08	125	Pass
NVNT	ANT1	1-DH1	2480.00	0.43	1.10	125	Pass
NVNT	ANT1	2-DH1	2402.00	-0.40	0.91	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.84	0.82	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.15	0.77	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.01	1.00	125	Pass
NVNT	ANT1	3-DH1	2441.00	-0.01	1.00	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.34	0.92	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



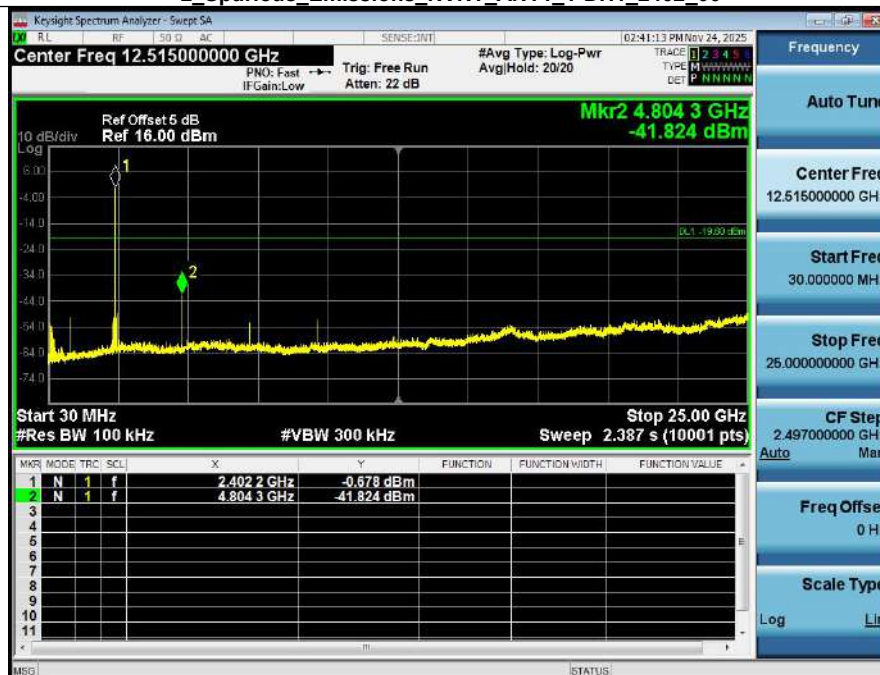
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.398	-41.824	-19.602	Pass
NVNT	ANT1	1-DH1	2441.00	0.002	-45.590	-19.998	Pass
NVNT	ANT1	1-DH1	2480.00	0.107	-45.970	-19.893	Pass
NVNT	ANT1	2-DH1	2402.00	-1.057	-46.544	-21.057	Pass
NVNT	ANT1	2-DH1	2441.00	-1.586	-45.822	-21.586	Pass
NVNT	ANT1	2-DH1	2480.00	-1.902	-48.961	-21.902	Pass
NVNT	ANT1	3-DH1	2402.00	-1.083	-46.056	-21.083	Pass
NVNT	ANT1	3-DH1	2441.00	-1.742	-45.567	-21.742	Pass
NVNT	ANT1	3-DH1	2480.00	-1.846	-49.204	-21.846	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



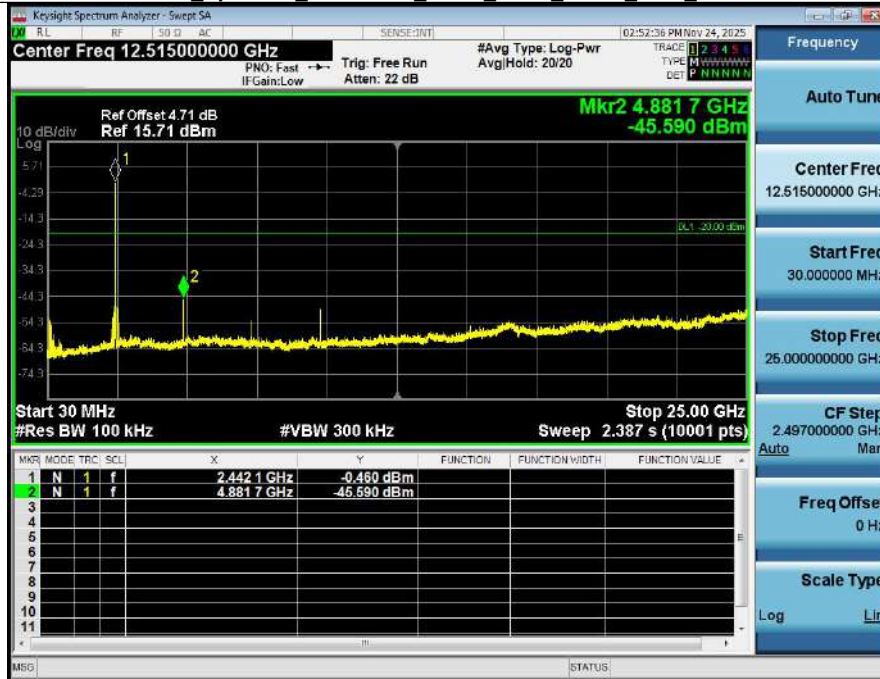
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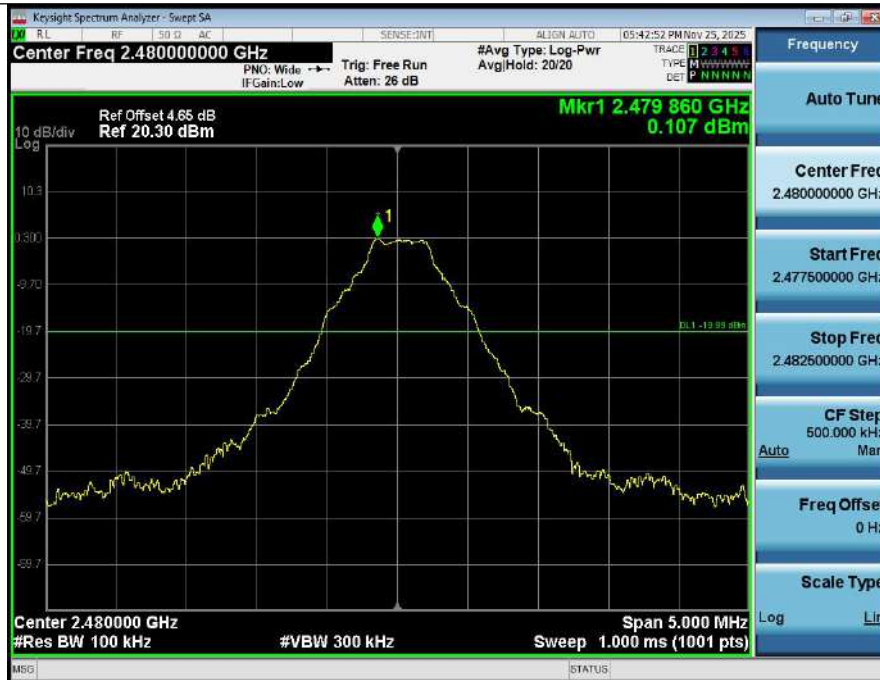
1 Reference Level NVNT ANT1 1-DH1 2441 00



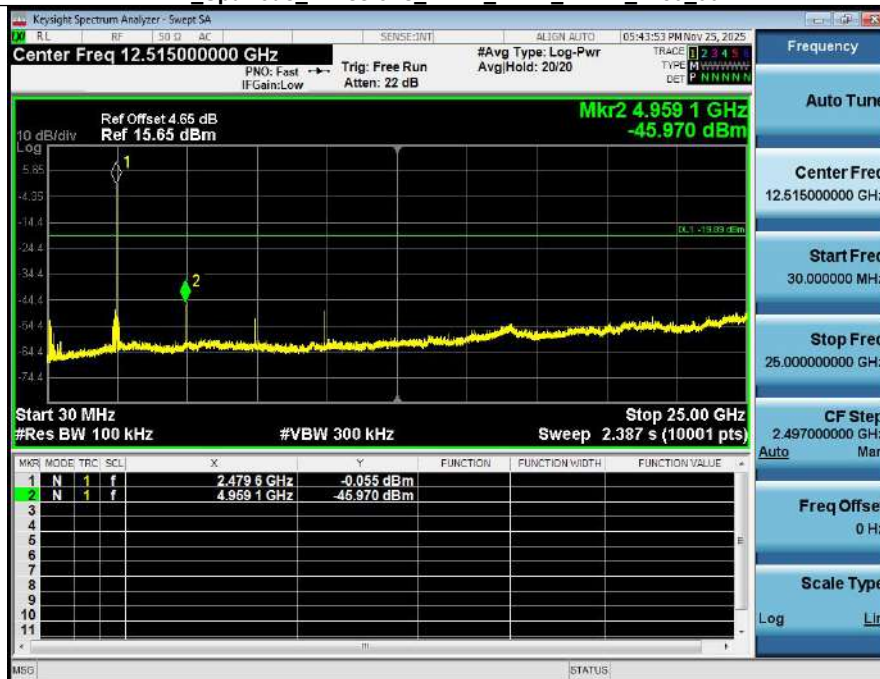
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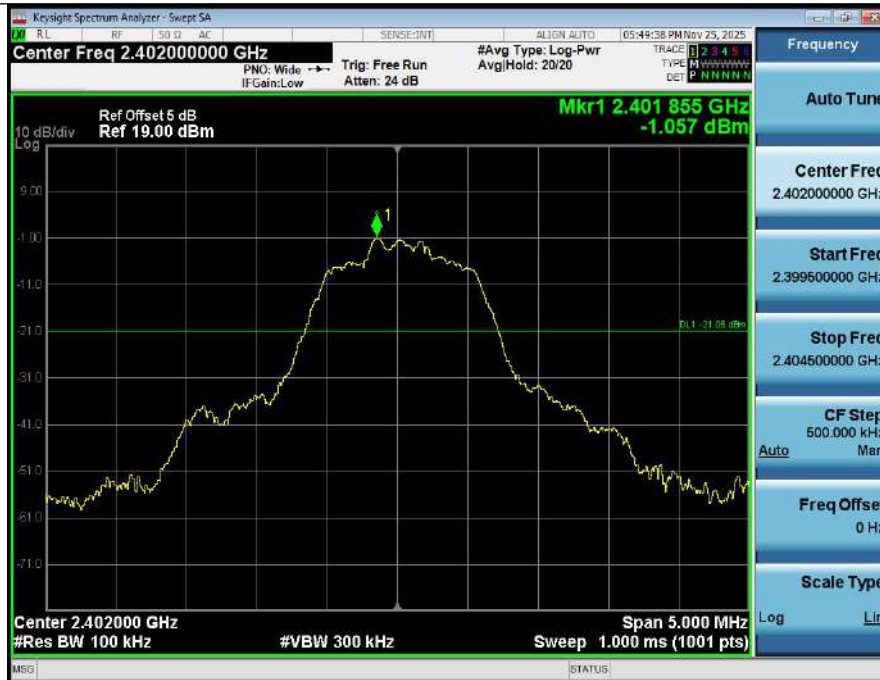
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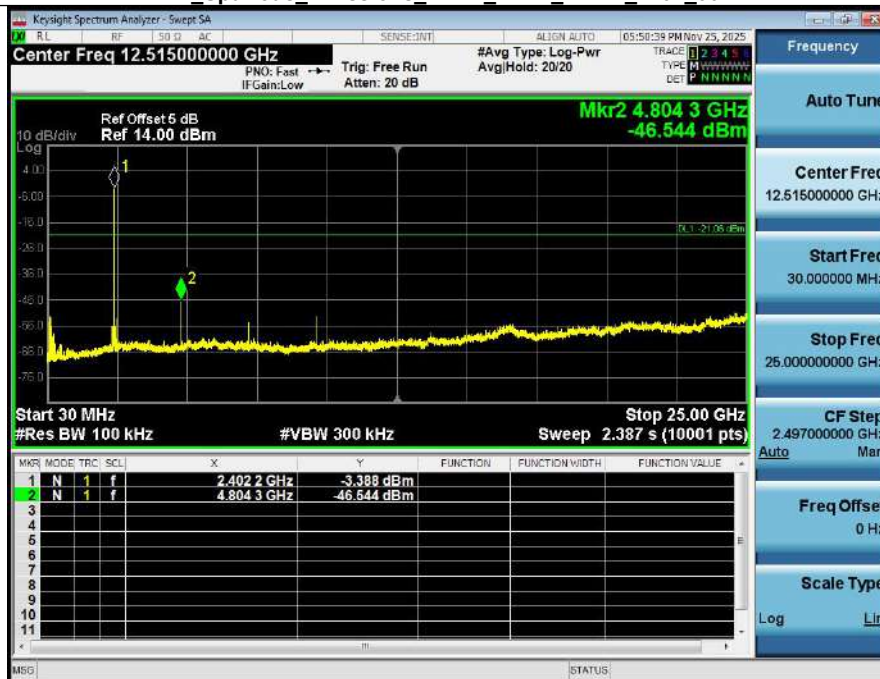
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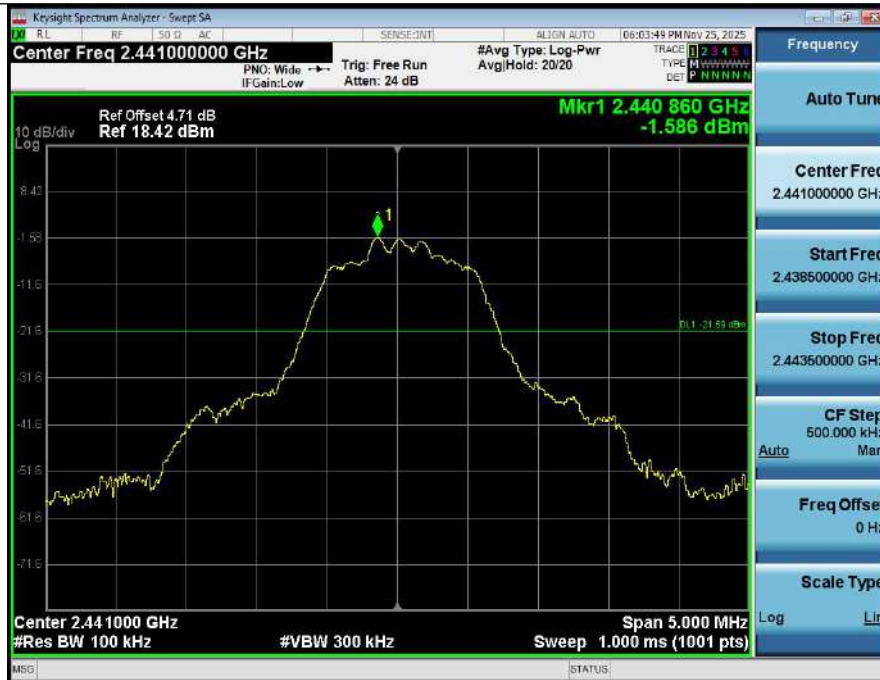
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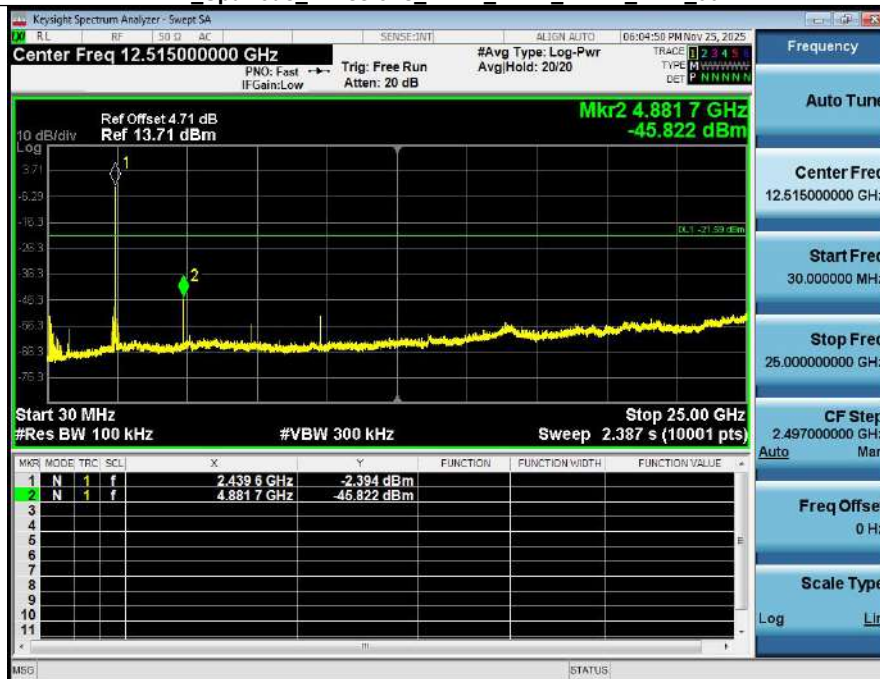
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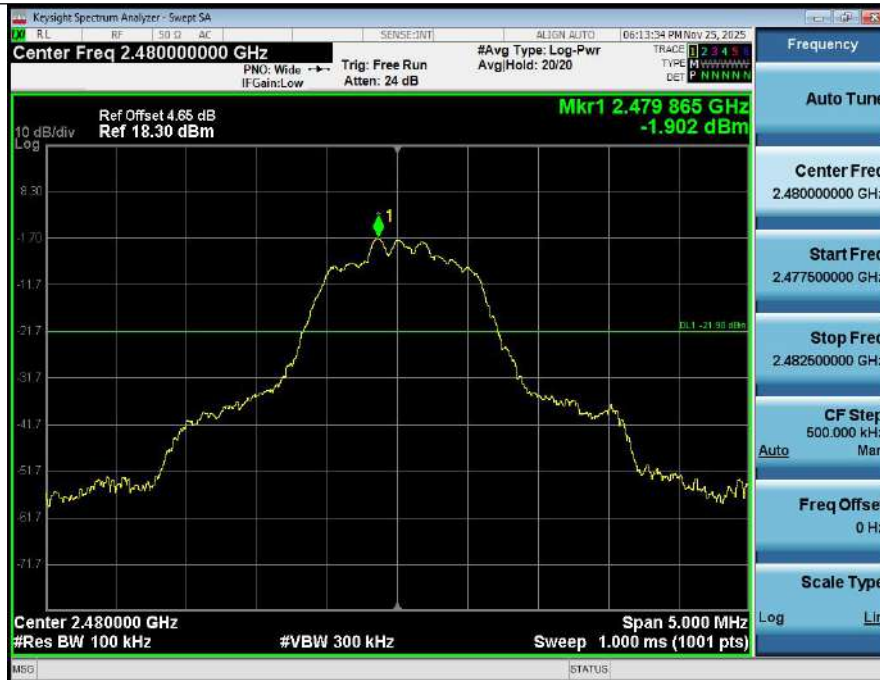
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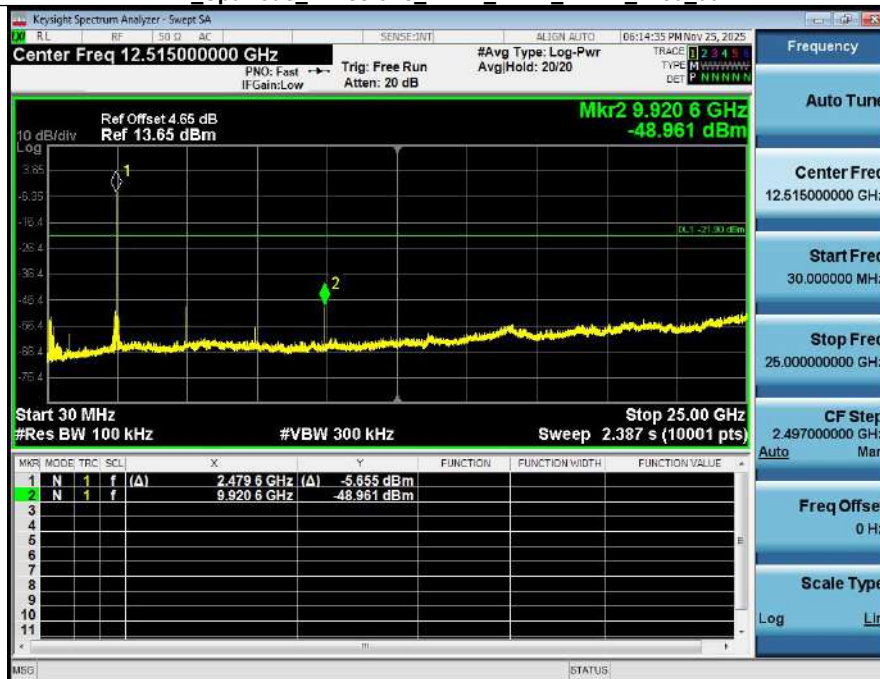
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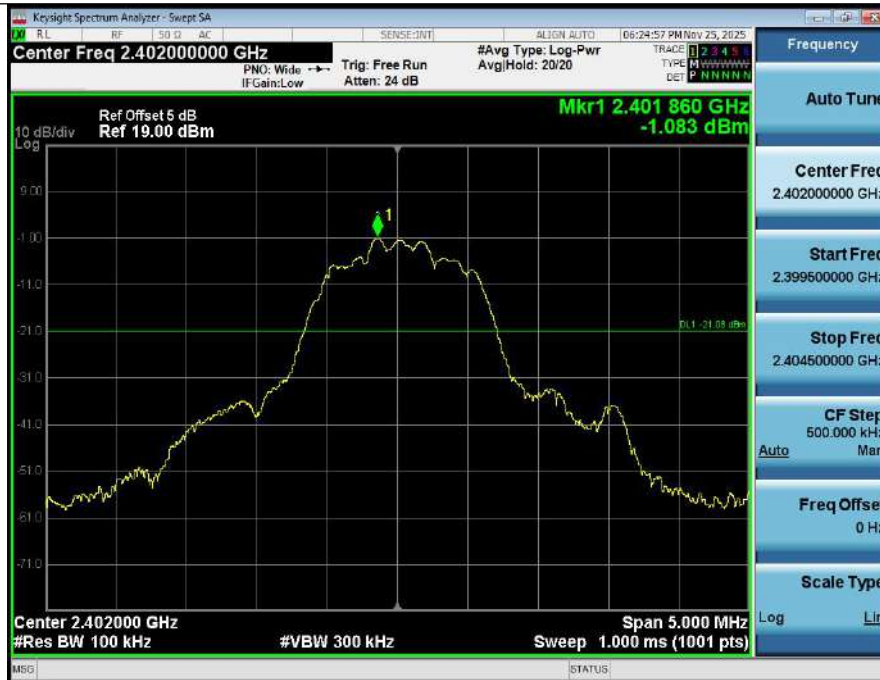
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2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



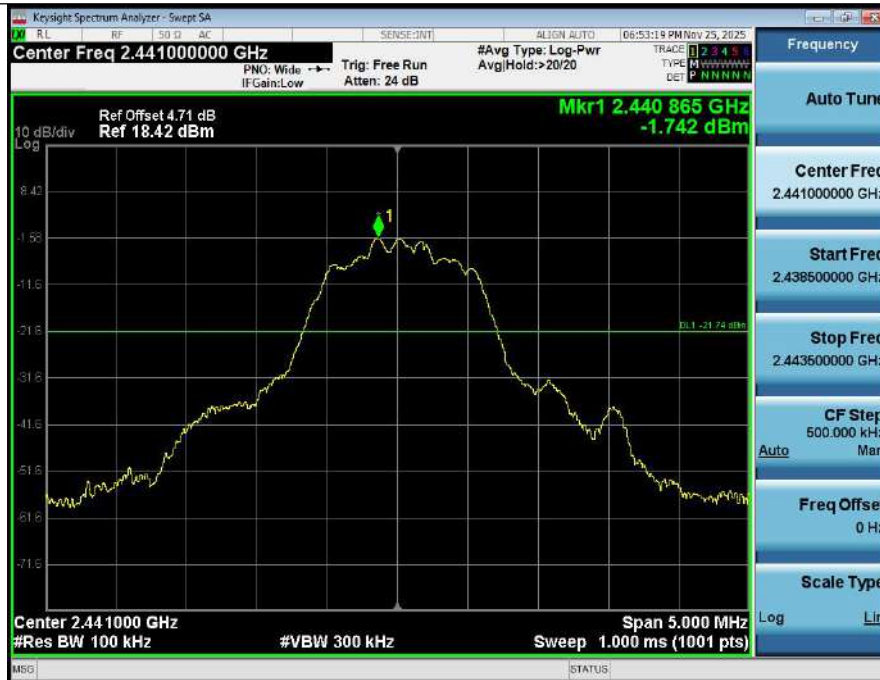
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2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



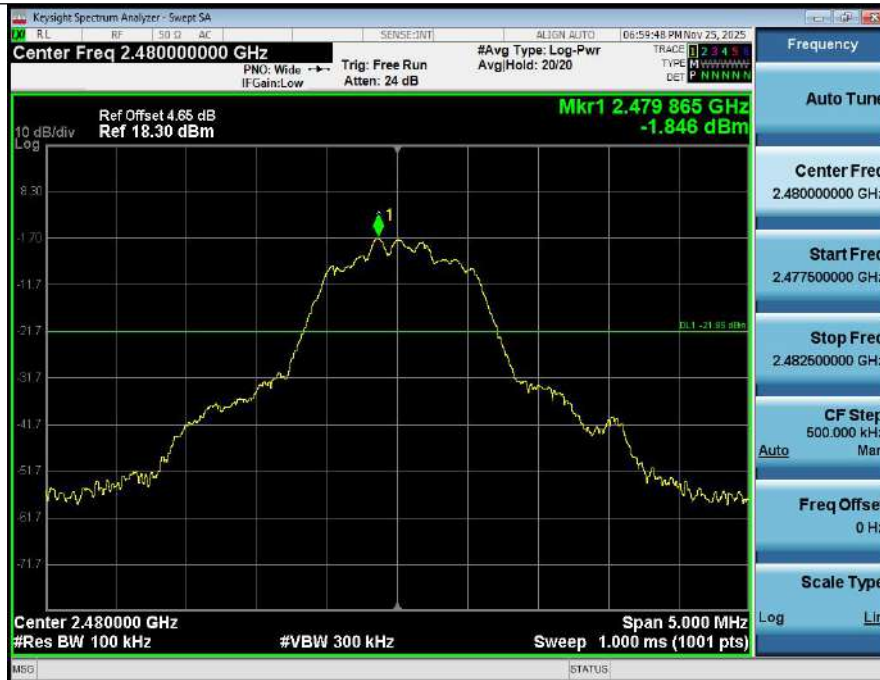
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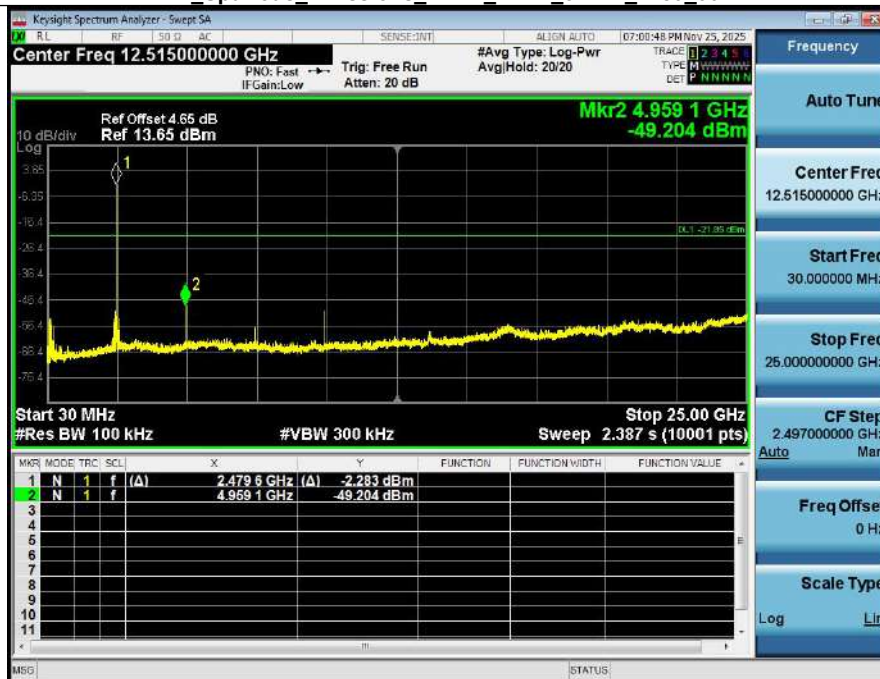
2 Spurious Emissions NVNT_ANT1_3-DH1_2441_00



1 Reference Level NVNT_ANT1_3-DH1_2480_00



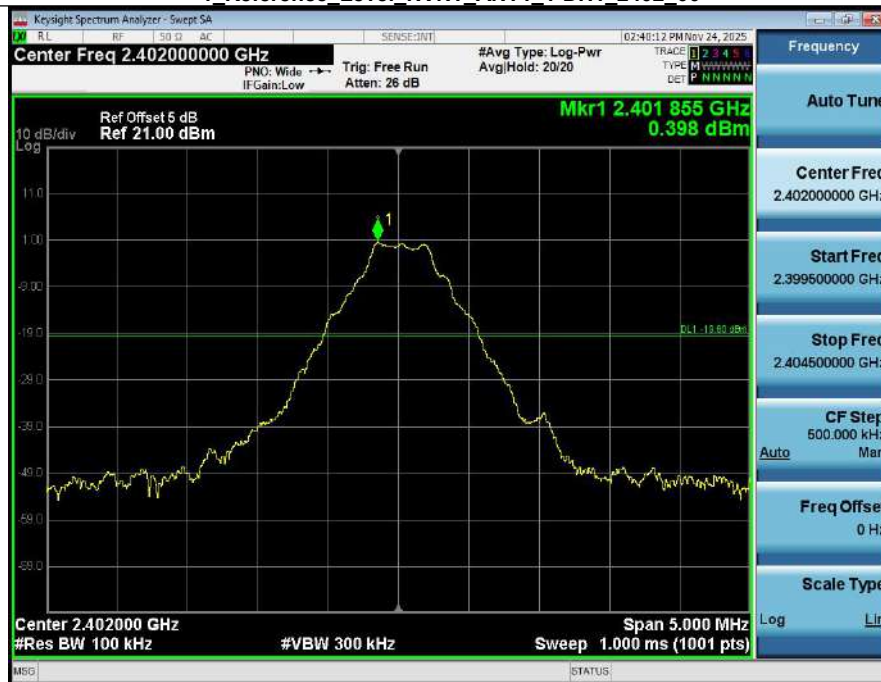
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



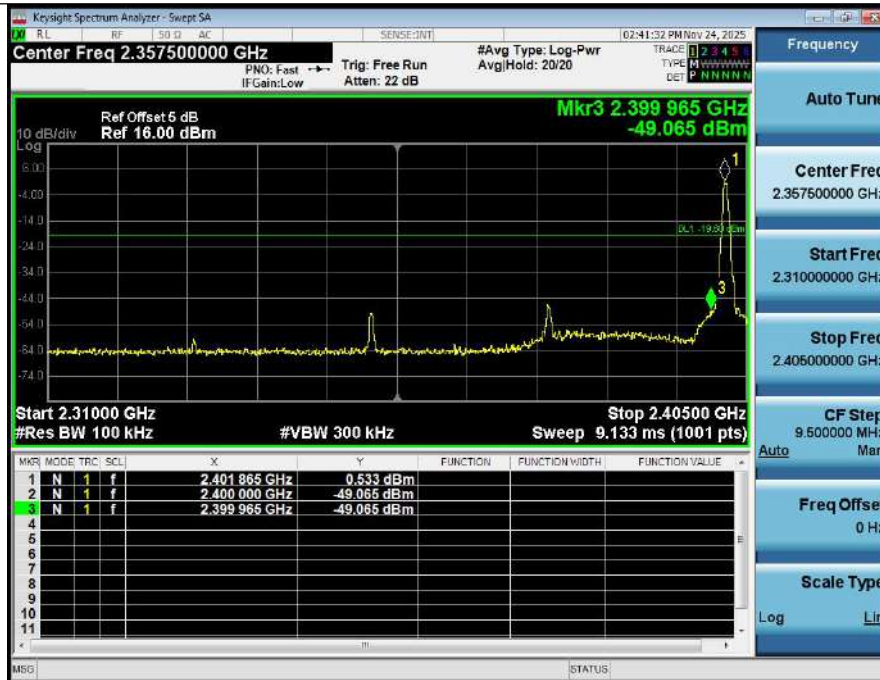
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.398	-49.065	-19.602	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.515	-46.015	-19.485	Pass
NVNT	ANT1	1-DH1	2480.00	0.107	-56.151	-19.893	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.455	-47.696	-19.545	Pass
NVNT	ANT1	2-DH1	2402.00	-1.057	-52.483	-21.057	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.984	-48.081	-20.984	Pass
NVNT	ANT1	2-DH1	2480.00	-1.902	-57.114	-21.902	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-1.330	-49.103	-21.330	Pass
NVNT	ANT1	3-DH1	2402.00	-1.083	-53.300	-21.083	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-1.194	-48.967	-21.194	Pass
NVNT	ANT1	3-DH1	2480.00	-1.846	-58.230	-21.846	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-1.387	-50.226	-21.387	Pass

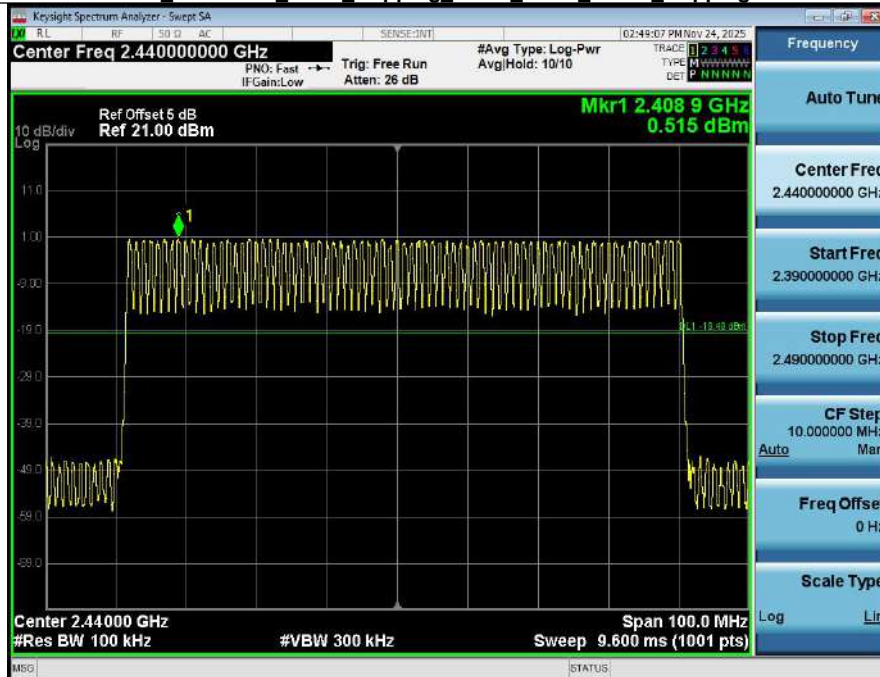
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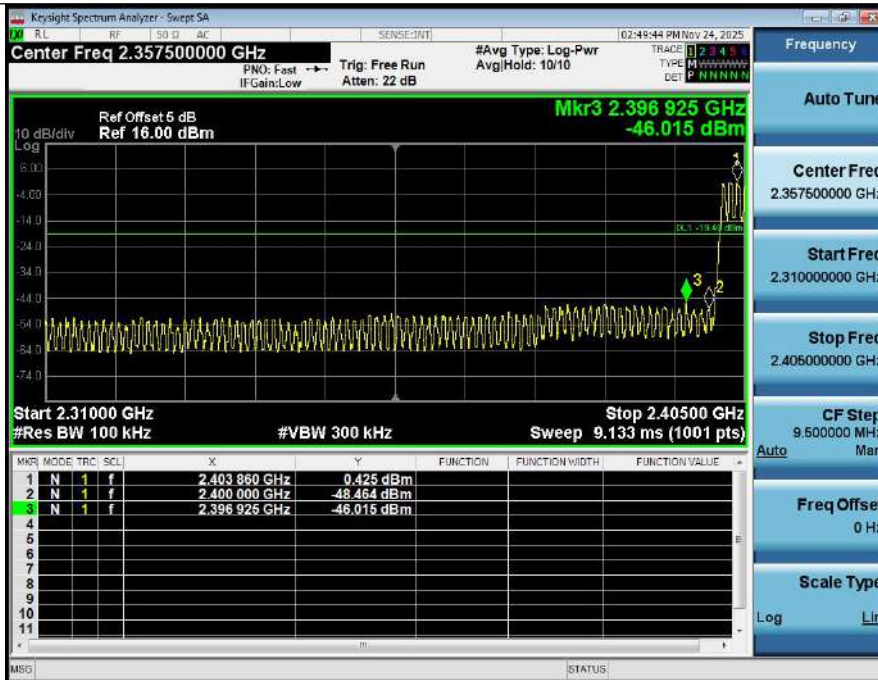
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1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



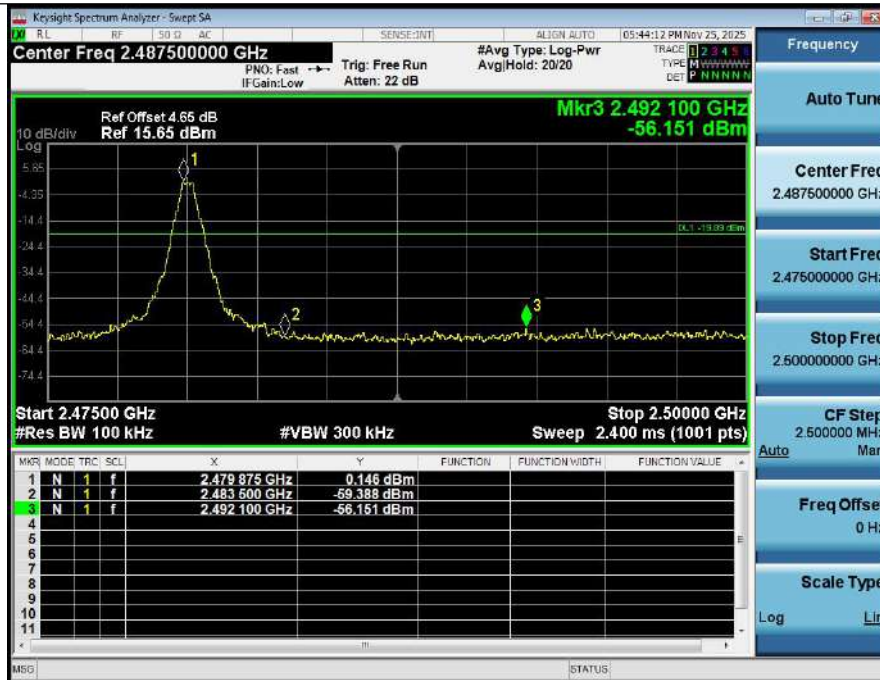
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 1-DH1 2480 00



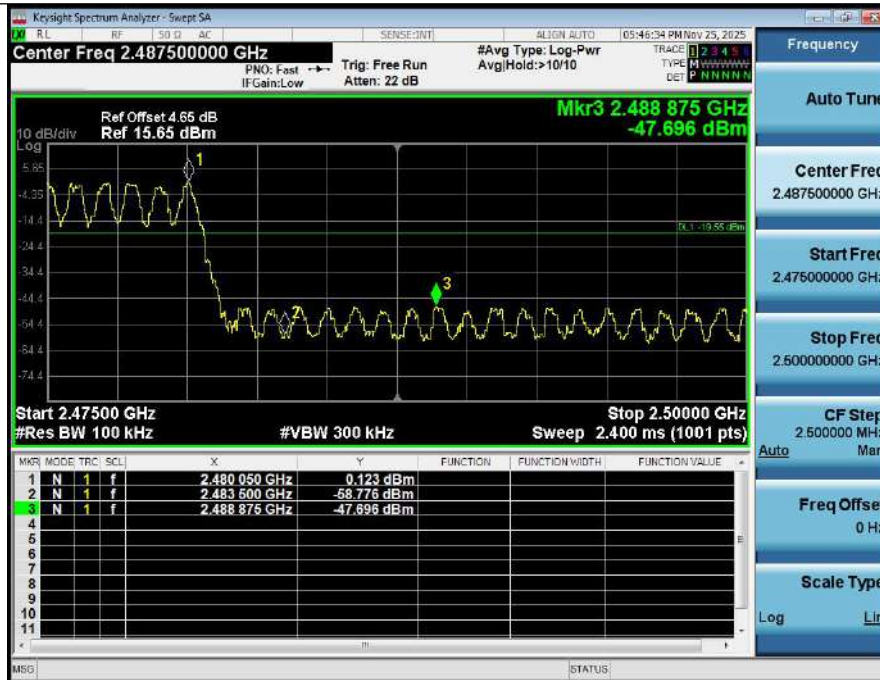
2 Bandedge NVNT ANT1 1-DH1 2480 00



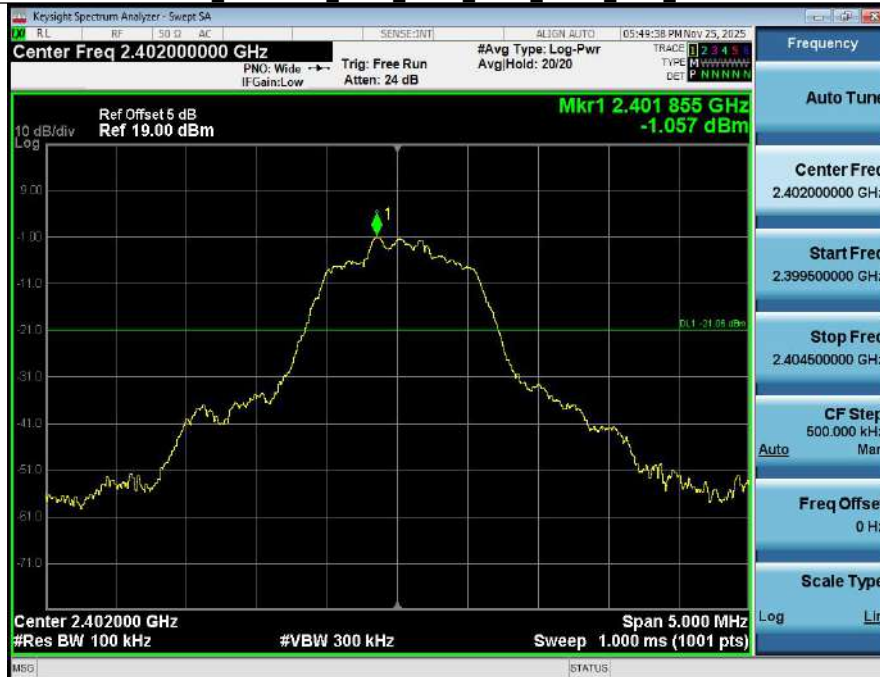
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



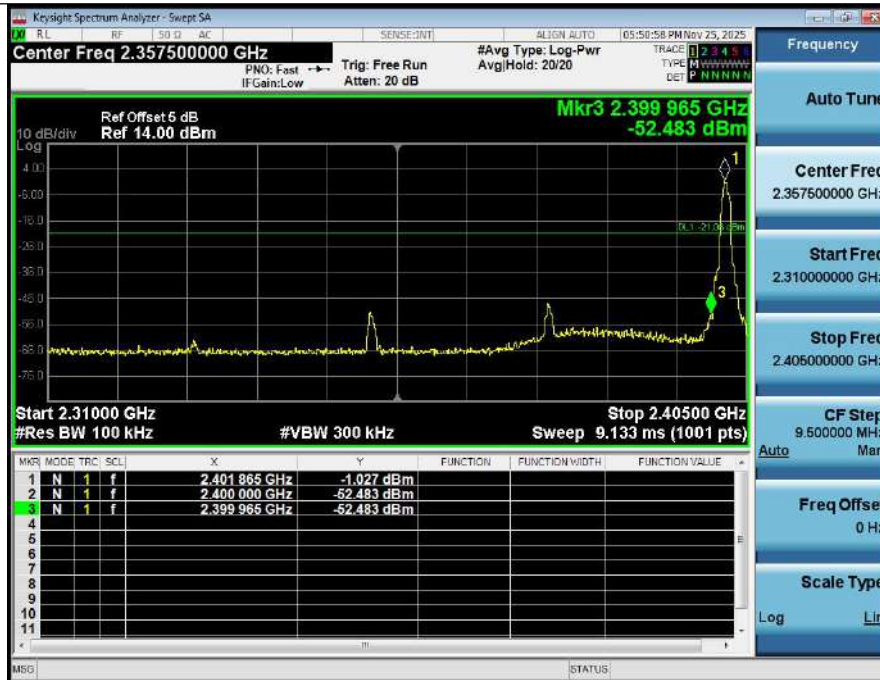
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



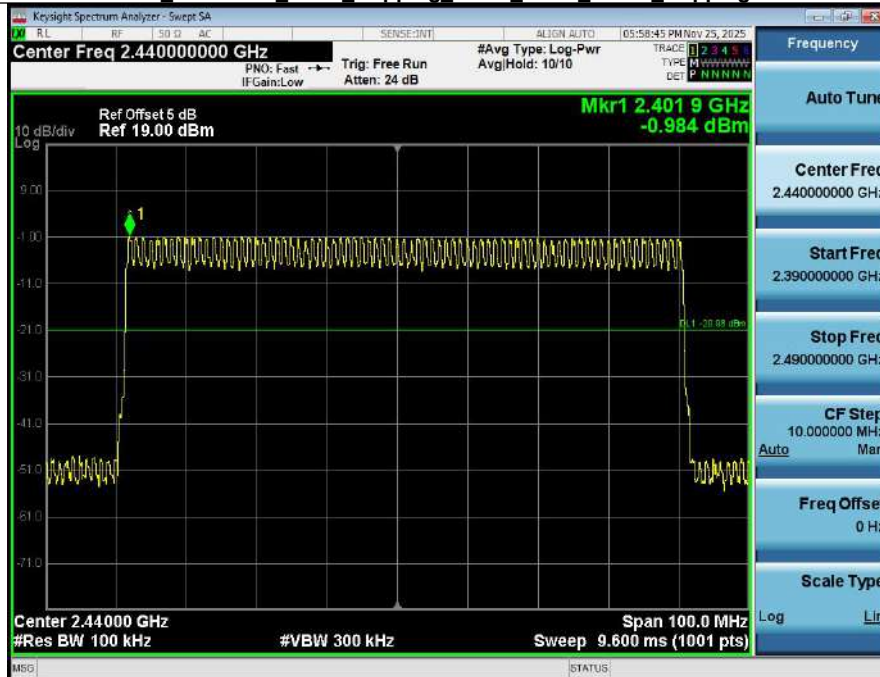
1 Reference Level NVNT ANT1 2-DH1 2402_00



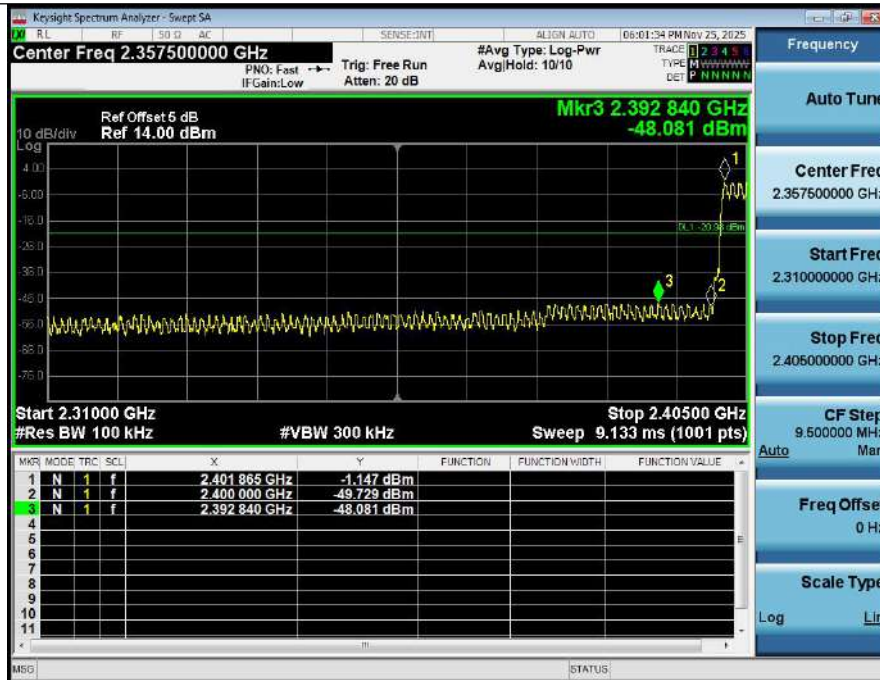
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



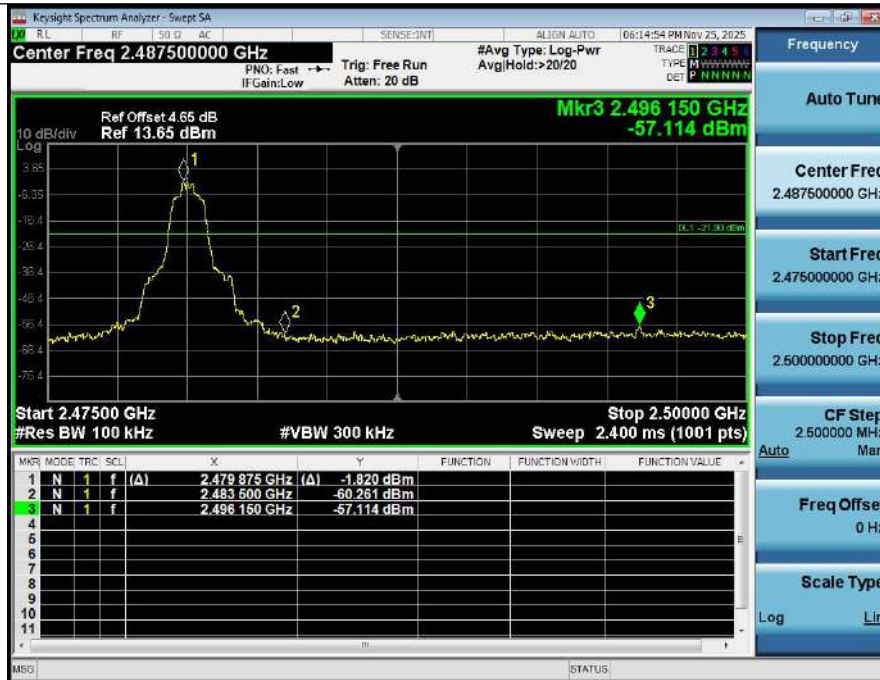
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



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



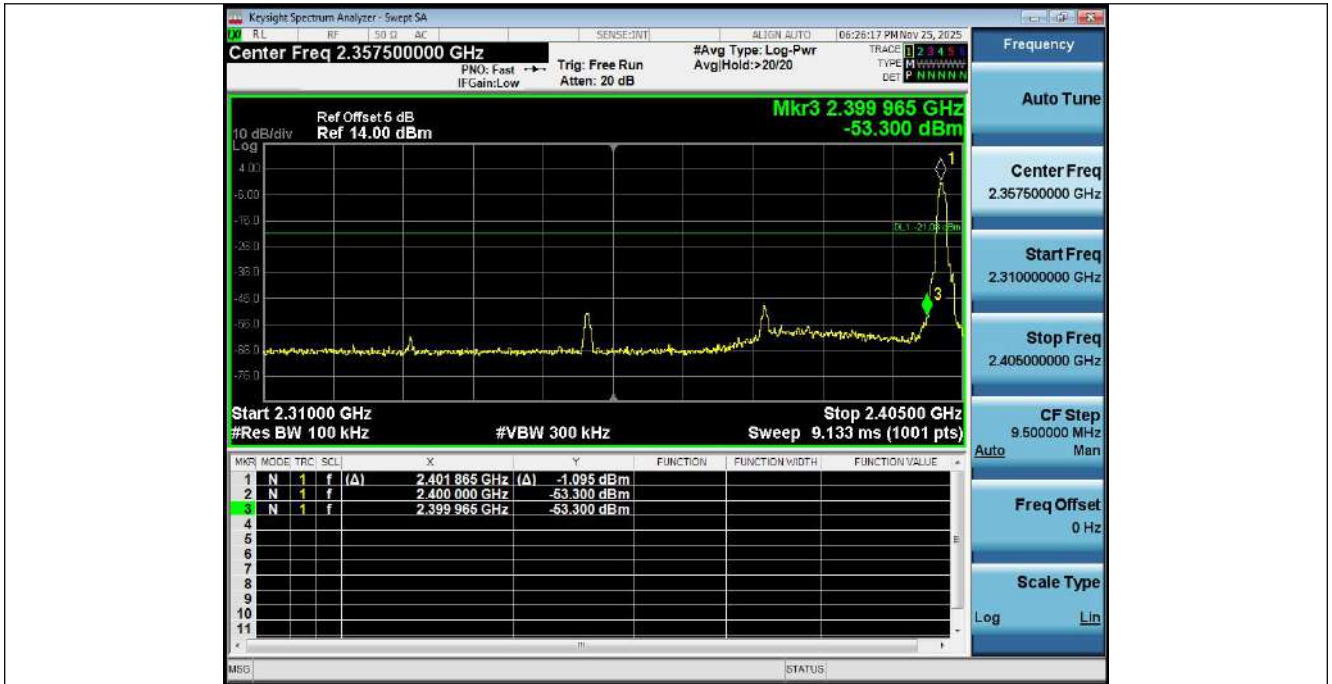
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



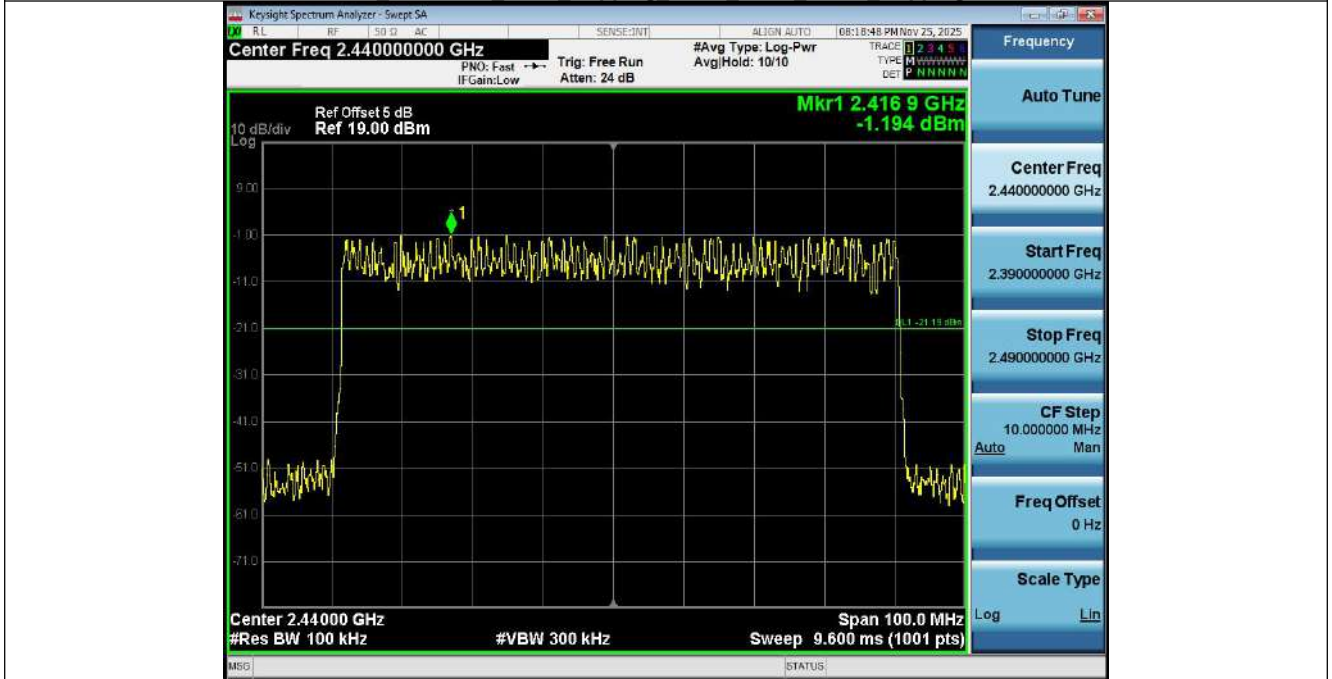
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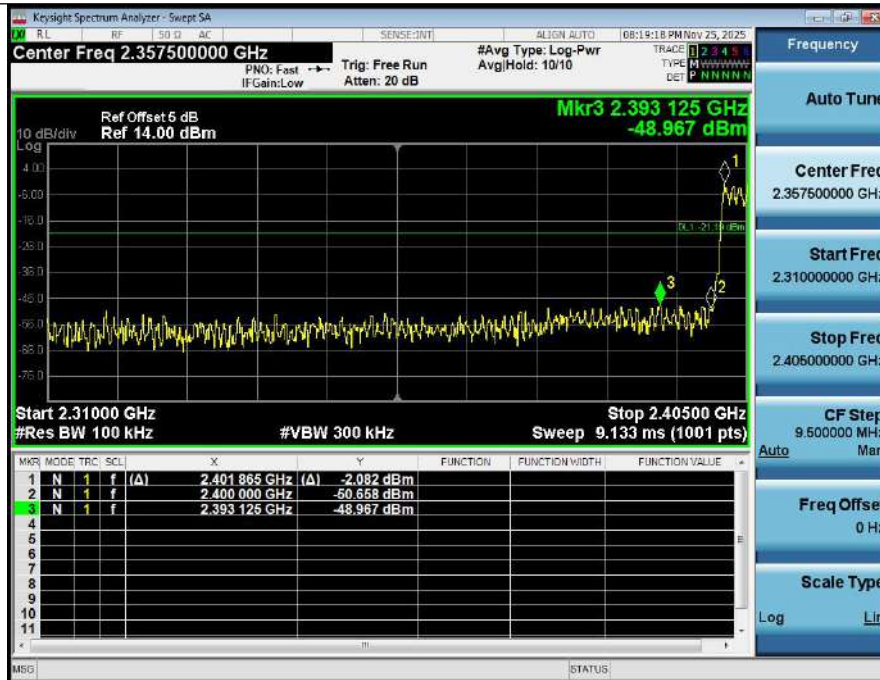
2 Bandedge NVNT ANT1 3-DH1 2402_00



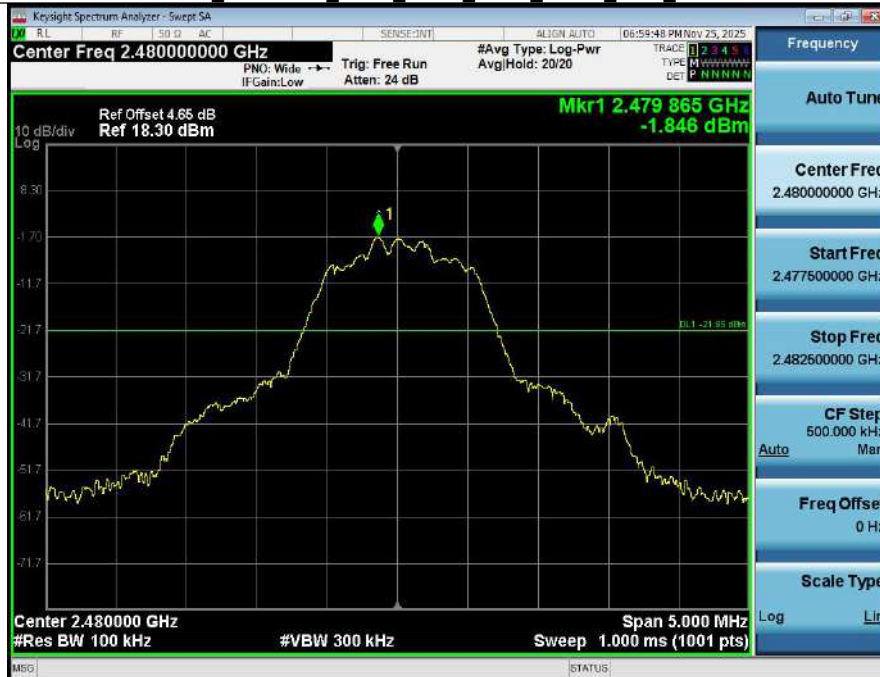
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



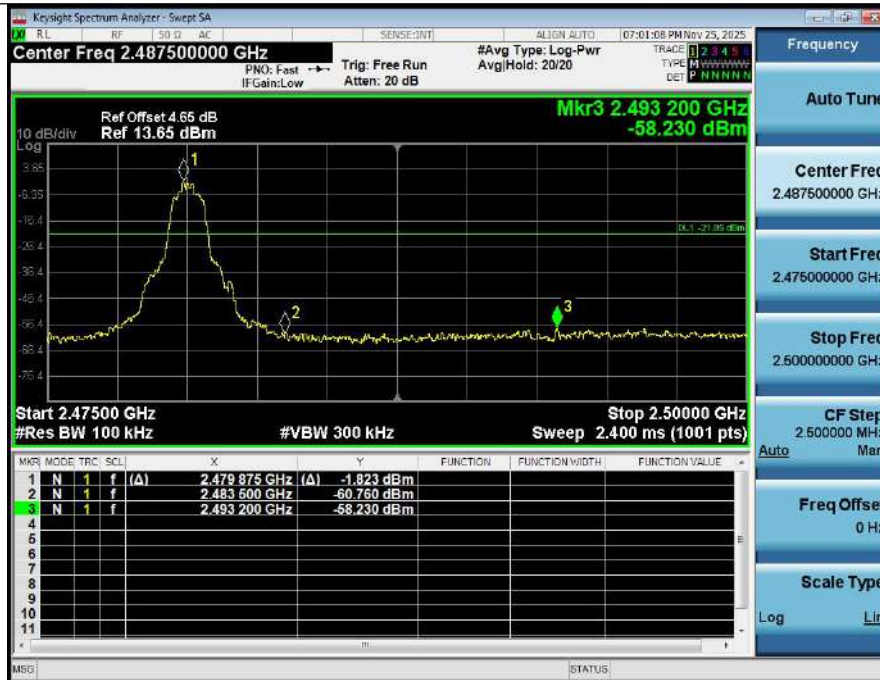
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



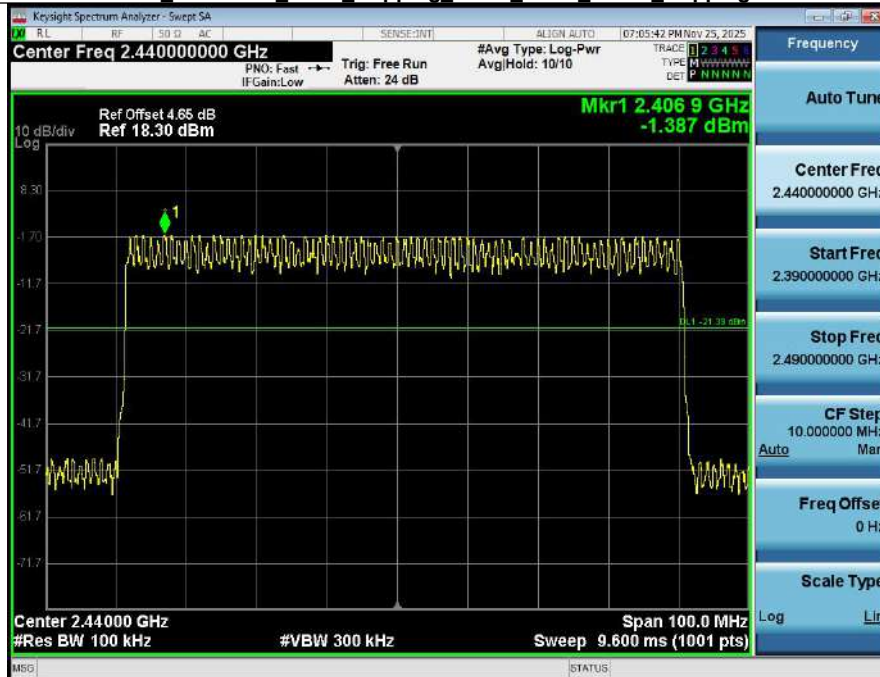
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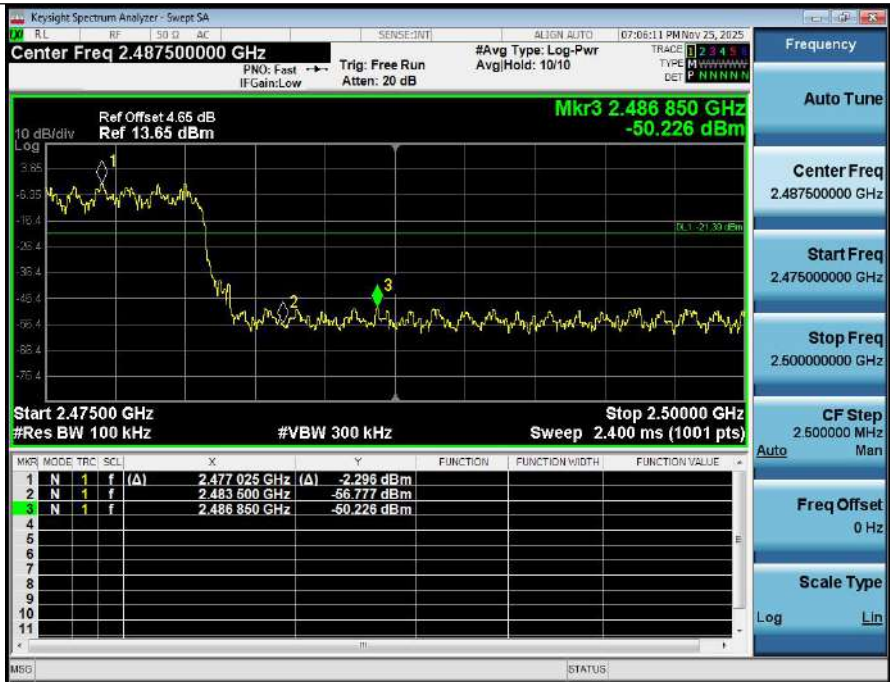
2 Bandedge NVNT ANT1 3-DH1 2480 00



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	2402.014	2403.016	1.00	0.689	Pass
NVNT	ANT1	1-DH1	2441.00	2440.999	2442.010	1.01	0.693	Pass
NVNT	ANT1	1-DH1	2480.00	2478.996	2479.995	1.00	0.690	Pass
NVNT	ANT1	2-DH1	2402.00	2402.014	2403.010	1.00	0.863	Pass
NVNT	ANT1	2-DH1	2441.00	2441.002	2441.980	0.98	0.859	Pass
NVNT	ANT1	2-DH1	2480.00	2479.002	2480.007	1.00	0.854	Pass
NVNT	ANT1	3-DH1	2402.00	2401.999	2403.004	1.00	0.837	Pass
NVNT	ANT1	3-DH1	2441.00	2441.005	2442.010	1.00	0.839	Pass
NVNT	ANT1	3-DH1	2480.00	2479.002	2480.010	1.01	0.841	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

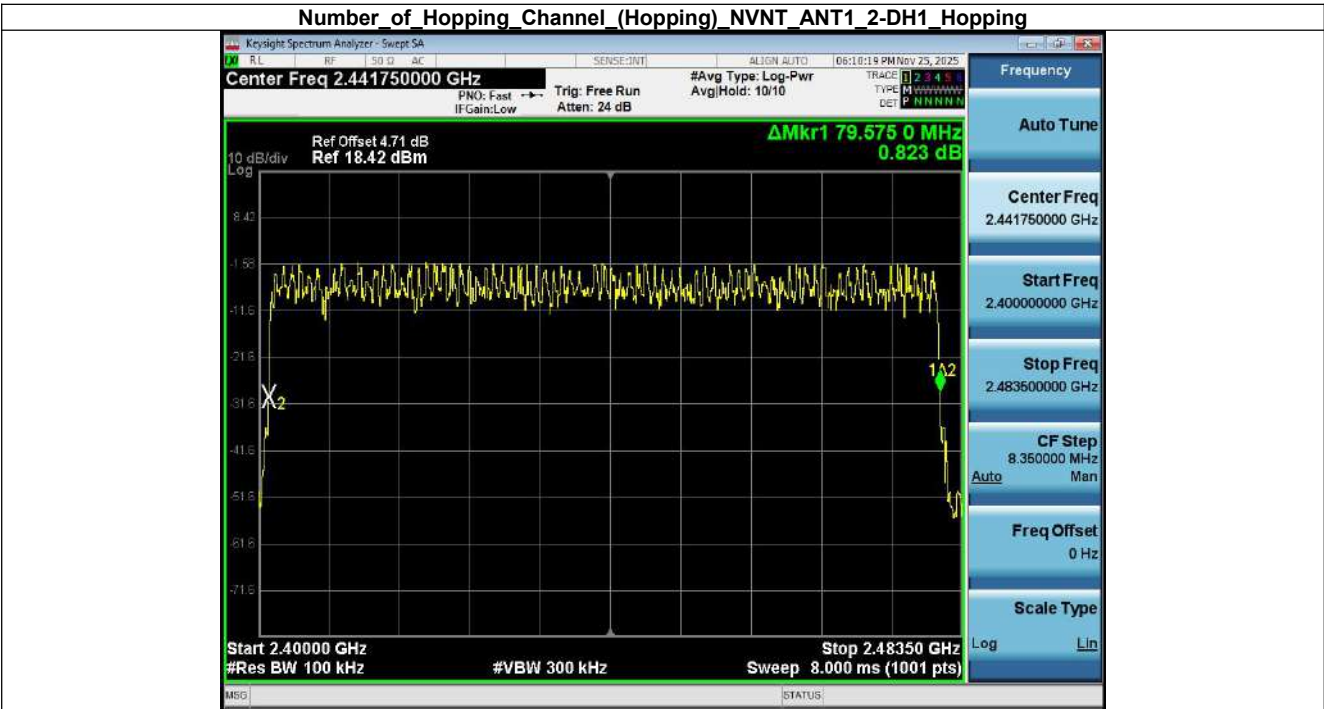
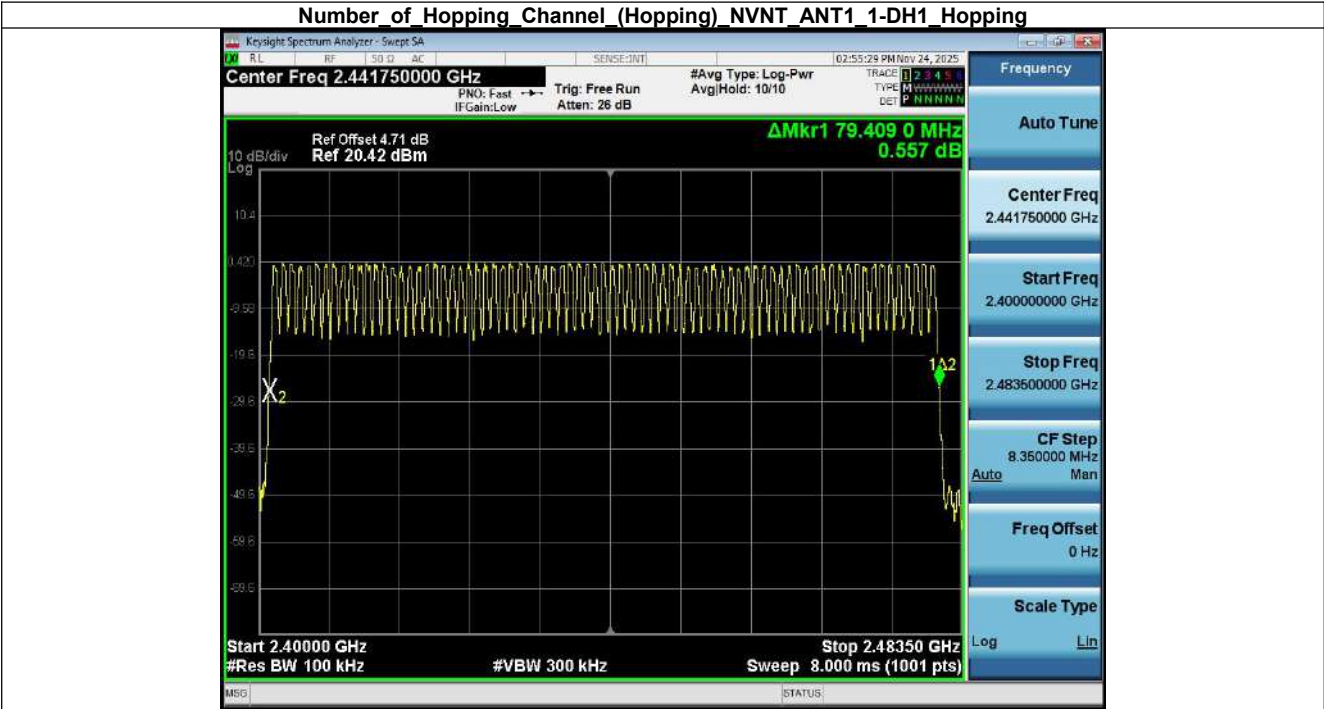


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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



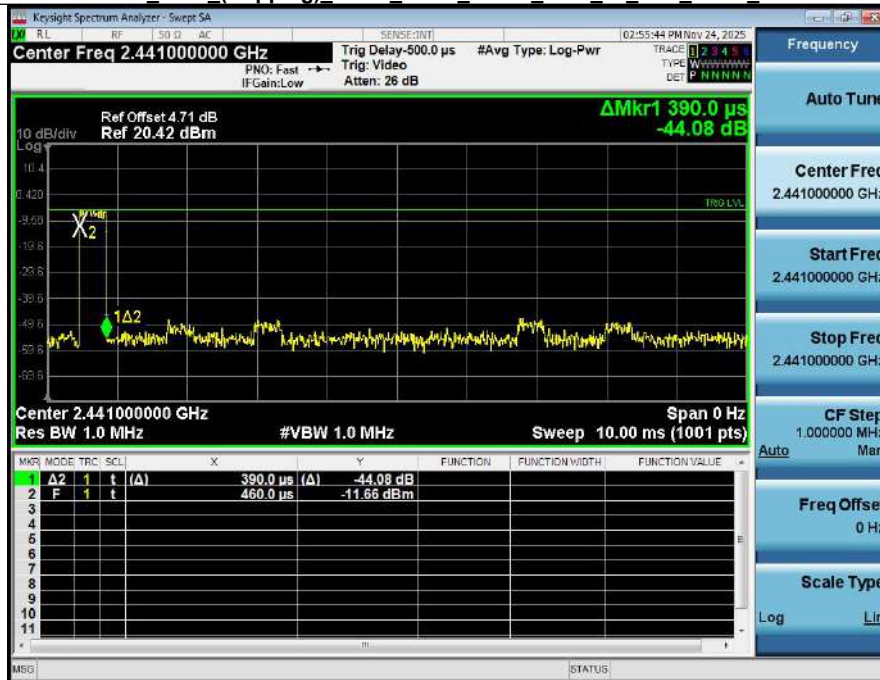
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



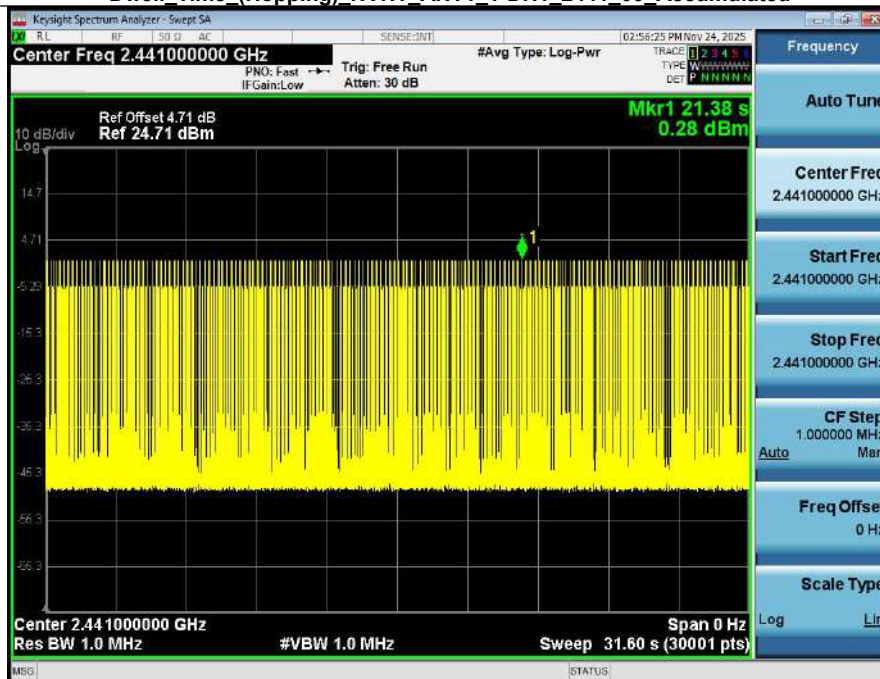
8. Dwell Time (Hopping)

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	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH5	1.640	161.00	264.040	0.40	Pass
NVNT	ANT1	1-DH5	2.890	112.00	323.680	0.40	Pass
NVNT	ANT1	2-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	2-DH5	2.890	95.00	274.550	0.40	Pass
NVNT	ANT1	3-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	3-DH5	2.900	104.00	301.600	0.40	Pass

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



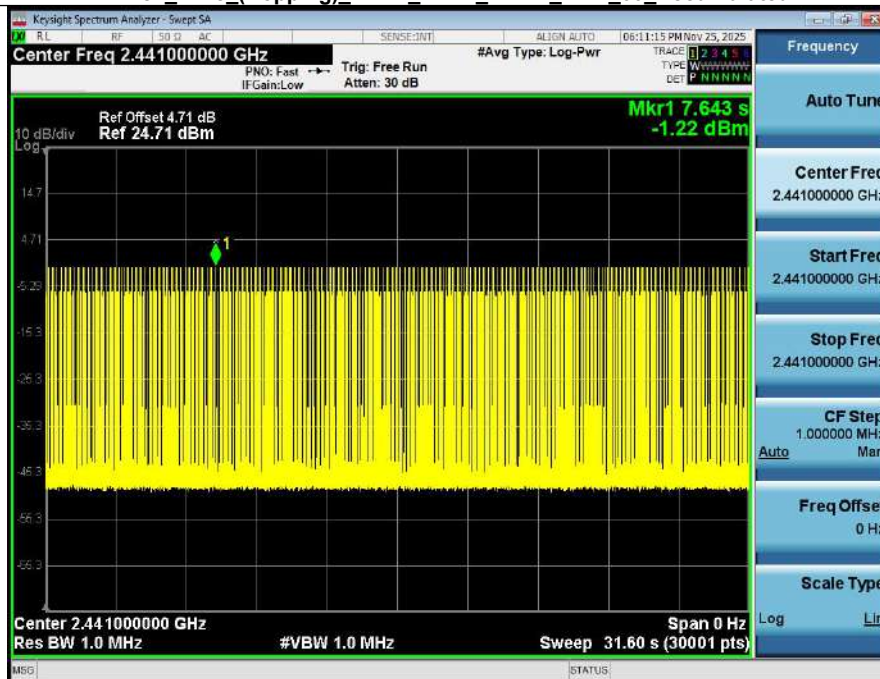
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



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



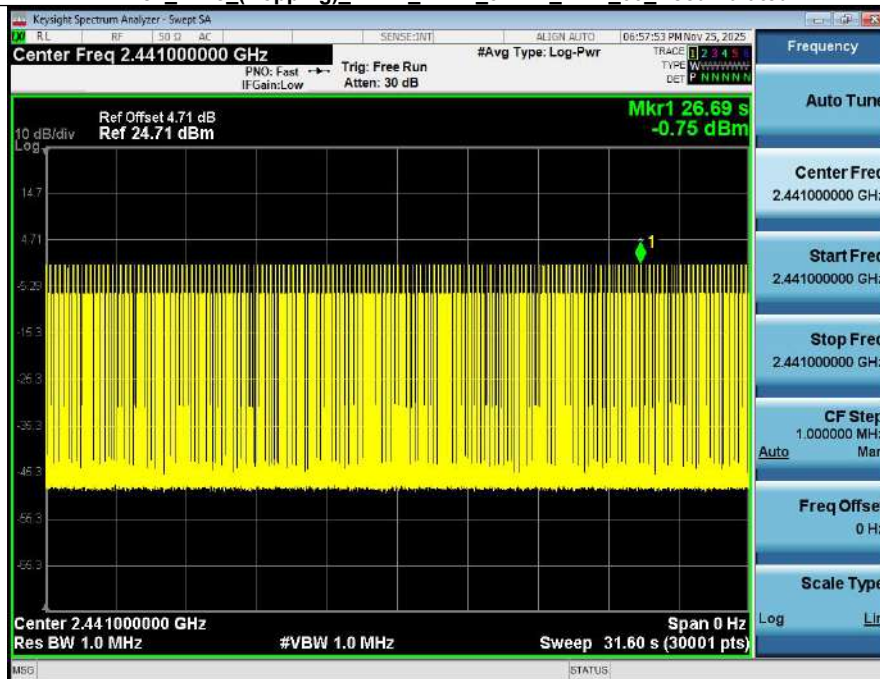
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Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



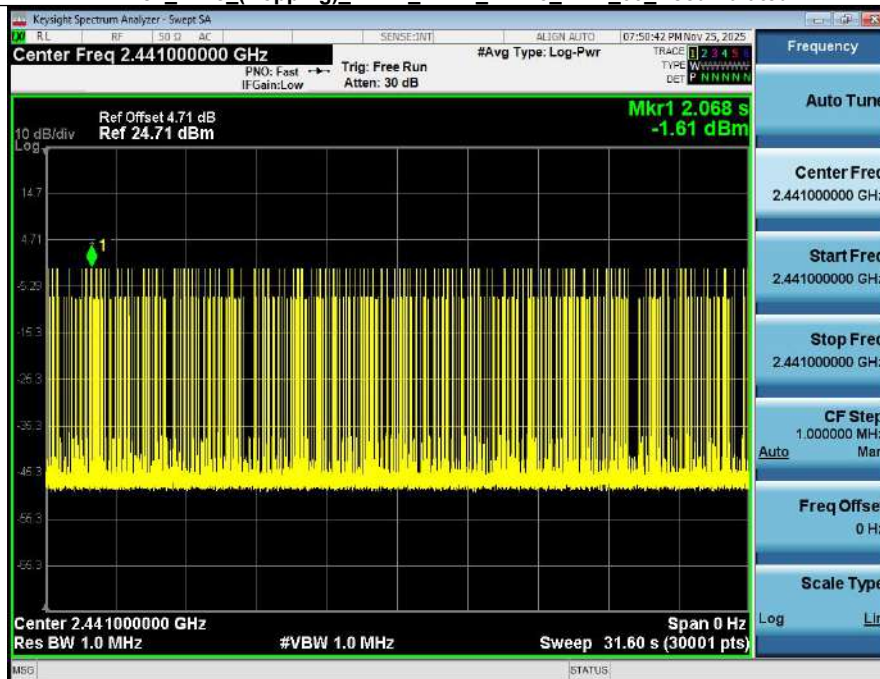
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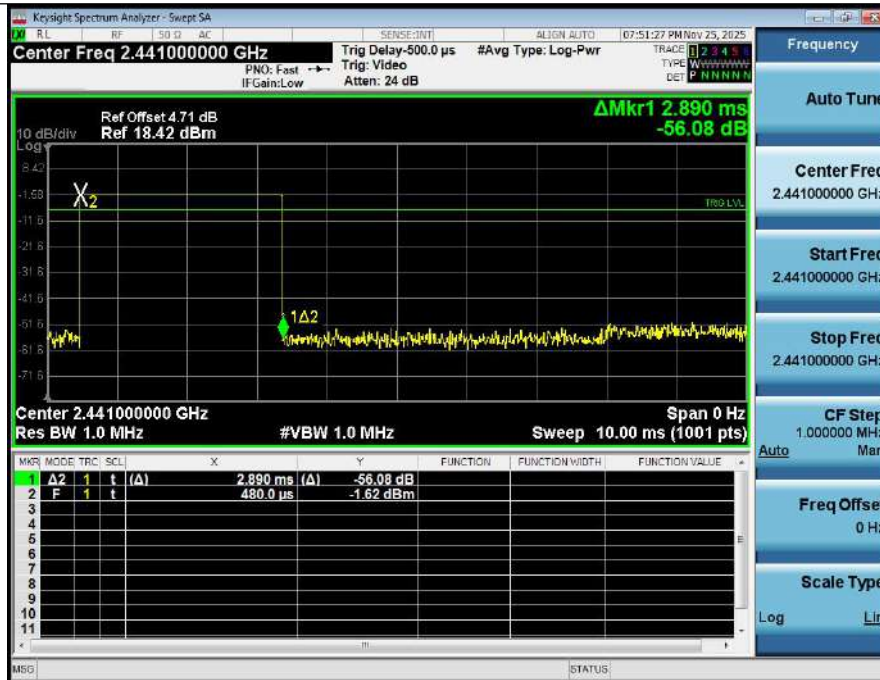
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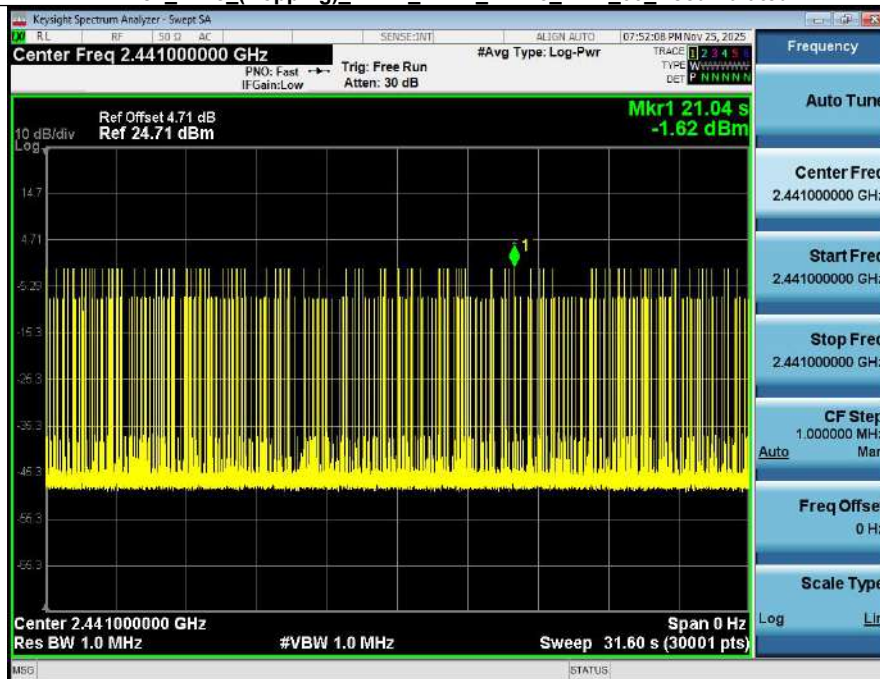
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



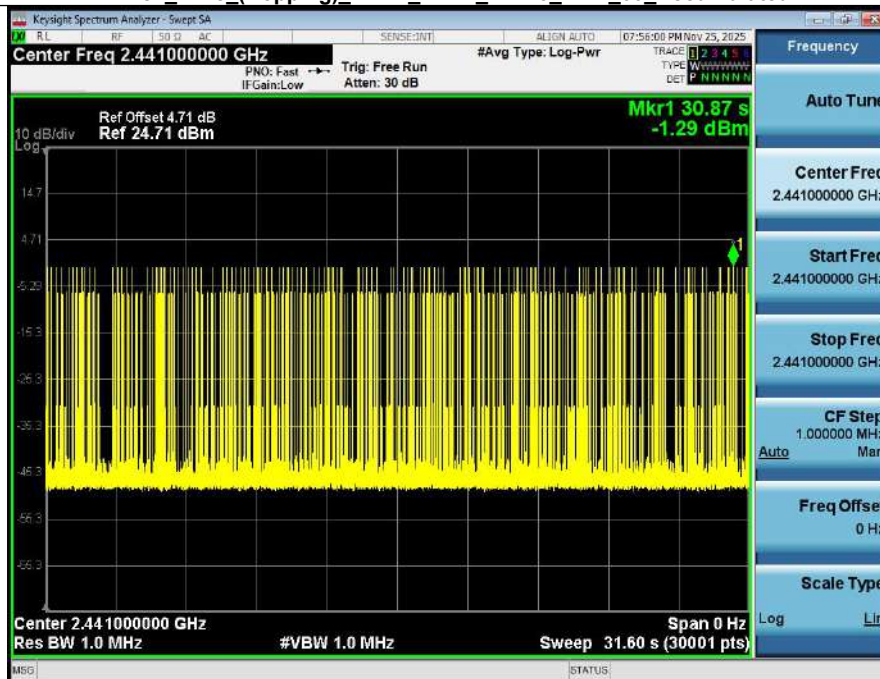
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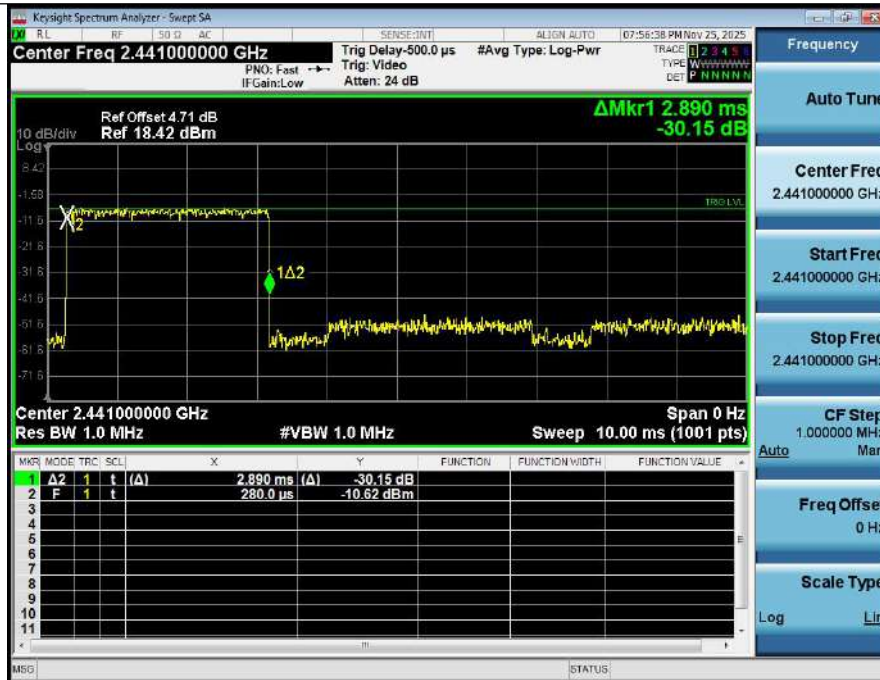
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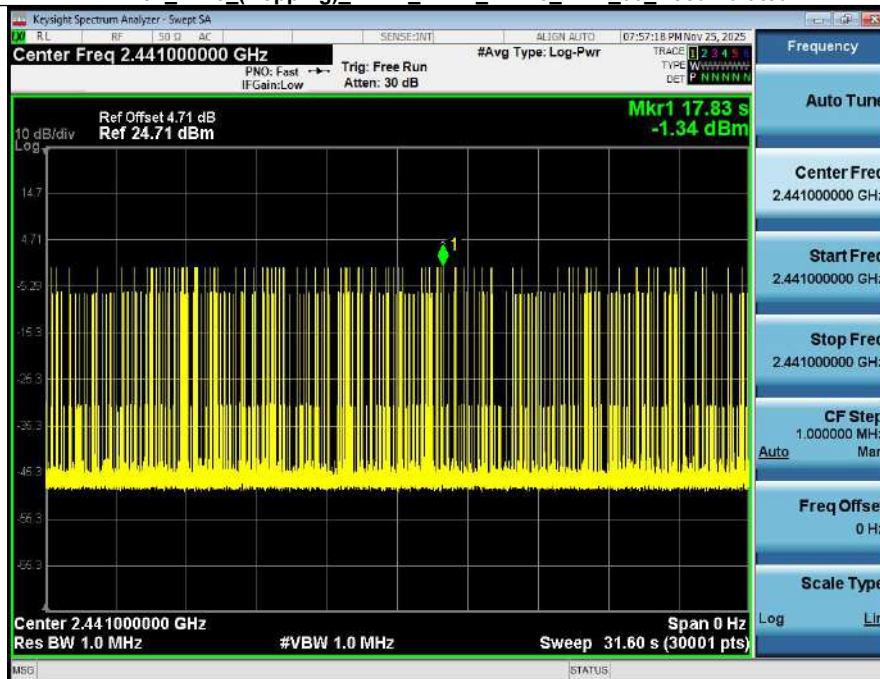
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



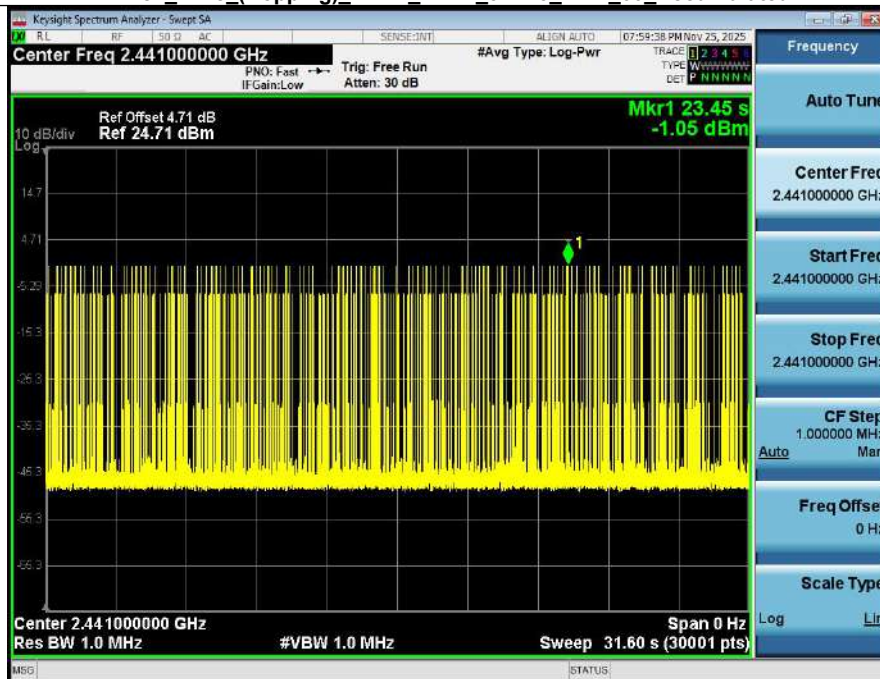
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



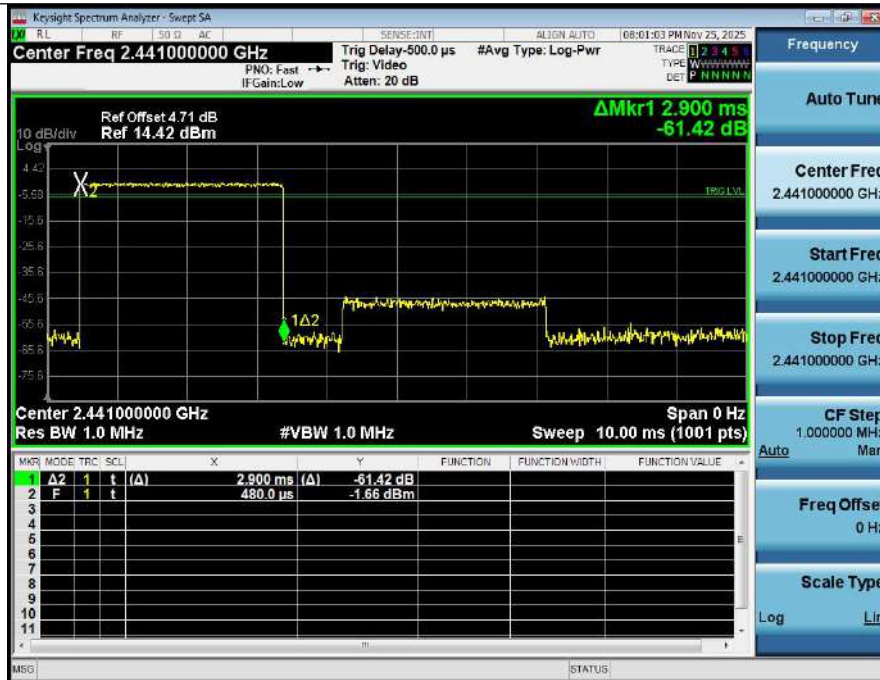
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

