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FCC ID:2BSO4-HY-01

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	1.032	Yes
NVNT	ANT1	1-DH1	2441.00	1.041	Yes
NVNT	ANT1	1-DH1	2480.00	1.035	Yes
NVNT	ANT1	2-DH1	2402.00	1.296	Yes
NVNT	ANT1	2-DH1	2441.00	1.291	Yes
NVNT	ANT1	2-DH1	2480.00	1.288	Yes
NVNT	ANT1	3-DH1	2402.00	1.260	Yes
NVNT	ANT1	3-DH1	2441.00	1.265	Yes
NVNT	ANT1	3-DH1	2480.00	1.270	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

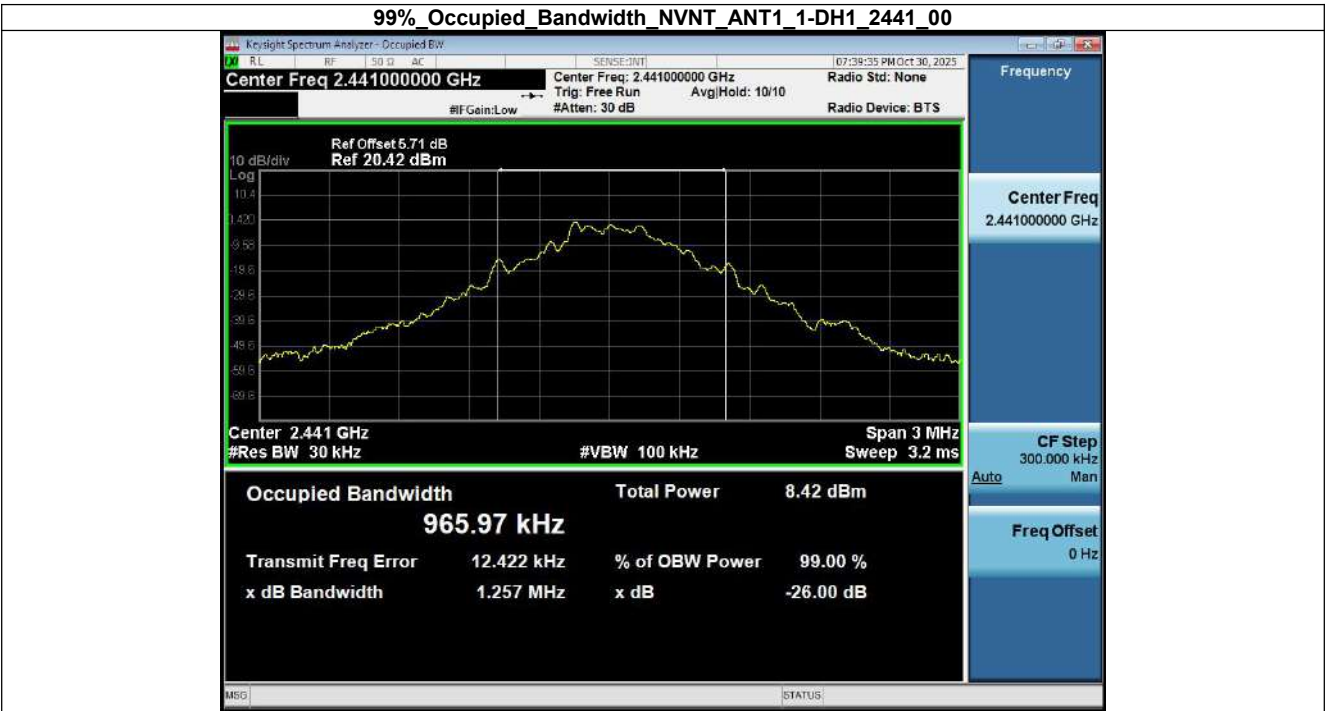


-20dB Bandwidth NVNT_ANT1_3-DH1_2480_00

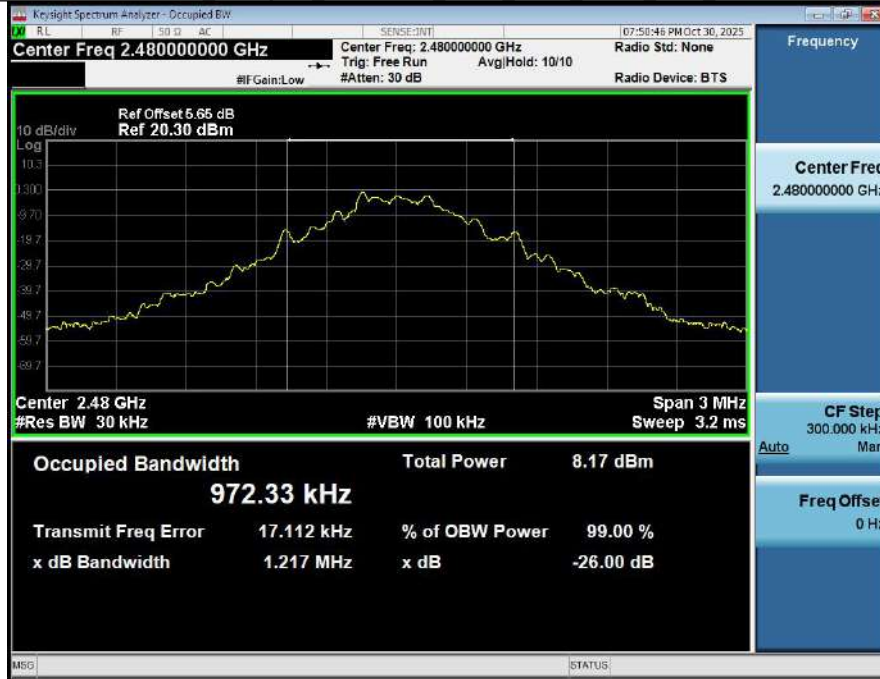


2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.934
NVNT	ANT1	1-DH1	2441.00	0.966
NVNT	ANT1	1-DH1	2480.00	0.972
NVNT	ANT1	2-DH1	2402.00	1.217
NVNT	ANT1	2-DH1	2441.00	1.220
NVNT	ANT1	2-DH1	2480.00	1.215
NVNT	ANT1	3-DH1	2402.00	1.192
NVNT	ANT1	3-DH1	2441.00	1.197
NVNT	ANT1	3-DH1	2480.00	1.197



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	1.90	1.55	125	Pass
NVNT	ANT1	1-DH1	2441.00	1.48	1.41	125	Pass
NVNT	ANT1	1-DH1	2480.00	1.25	1.33	125	Pass
NVNT	ANT1	2-DH1	2402.00	2.55	1.80	125	Pass
NVNT	ANT1	2-DH1	2441.00	2.31	1.70	125	Pass
NVNT	ANT1	2-DH1	2480.00	2.04	1.60	125	Pass
NVNT	ANT1	3-DH1	2402.00	3.15	2.06	125	Pass
NVNT	ANT1	3-DH1	2441.00	2.73	1.87	125	Pass
NVNT	ANT1	3-DH1	2480.00	2.42	1.75	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



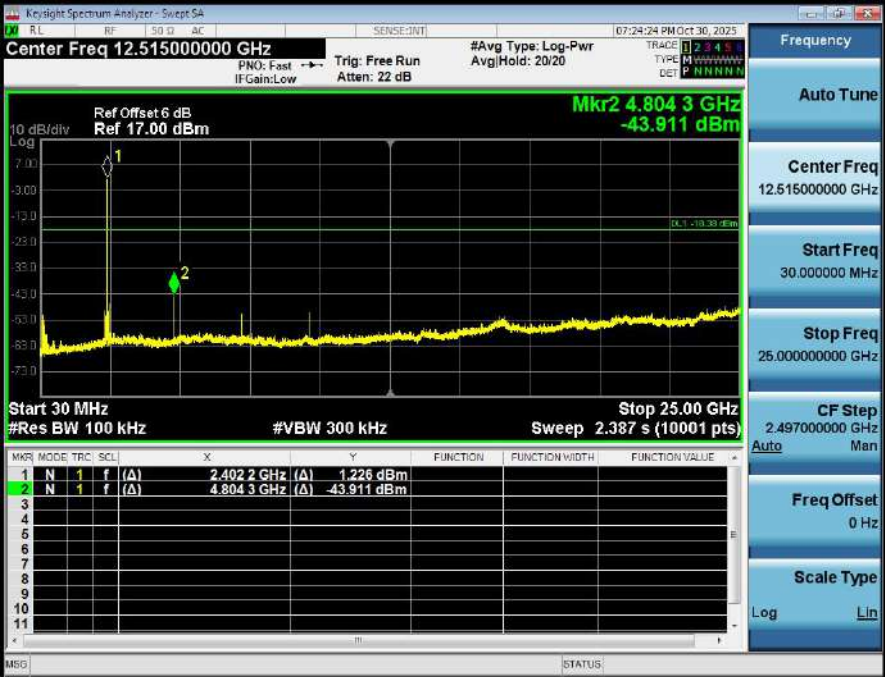
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	1.624	-43.911	-18.376	Pass
NVNT	ANT1	1-DH1	2441.00	1.108	-44.123	-18.892	Pass
NVNT	ANT1	1-DH1	2480.00	0.899	-42.948	-19.101	Pass
NVNT	ANT1	2-DH1	2402.00	1.415	-43.257	-18.585	Pass
NVNT	ANT1	2-DH1	2441.00	1.171	-44.339	-18.829	Pass
NVNT	ANT1	2-DH1	2480.00	0.927	-41.800	-19.073	Pass
NVNT	ANT1	3-DH1	2402.00	1.666	-42.714	-18.334	Pass
NVNT	ANT1	3-DH1	2441.00	1.149	-43.344	-18.851	Pass
NVNT	ANT1	3-DH1	2480.00	0.878	-44.597	-19.122	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



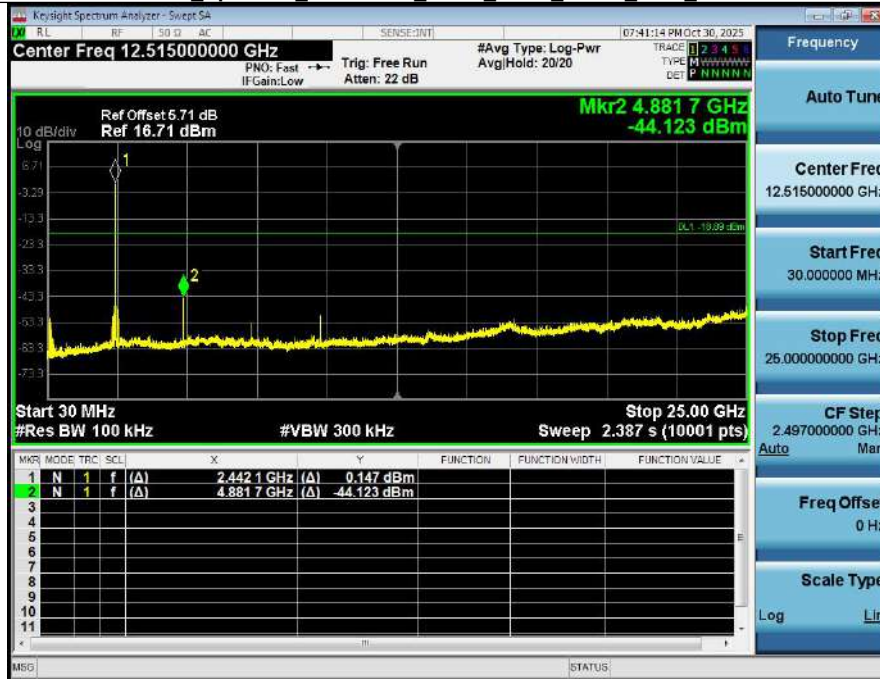
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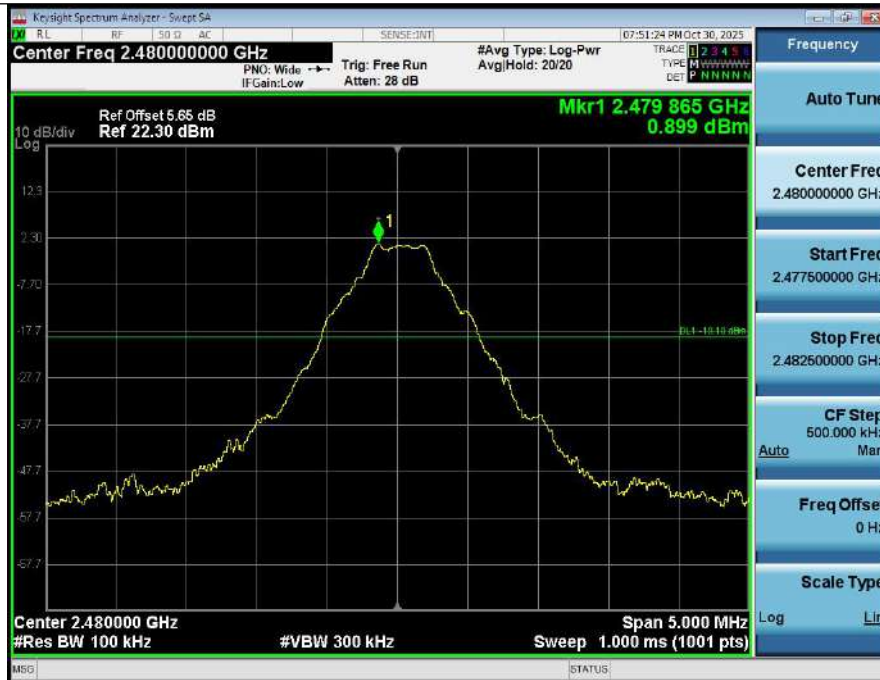
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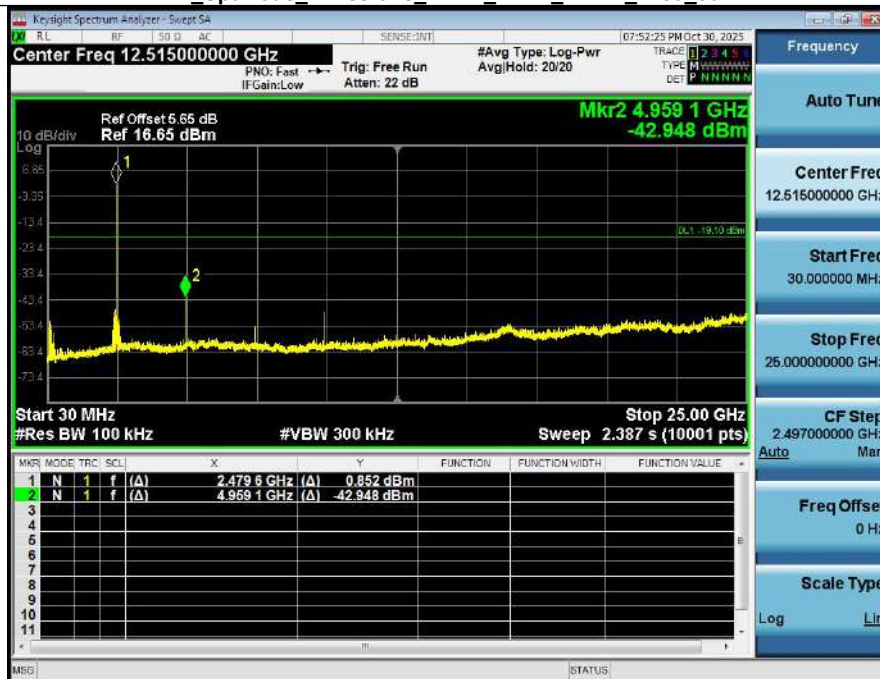
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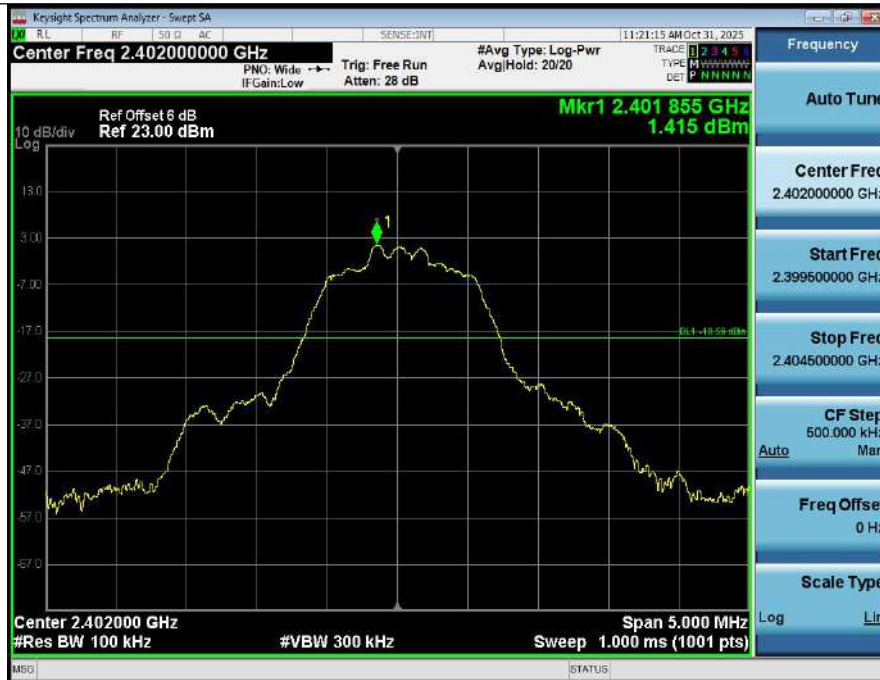
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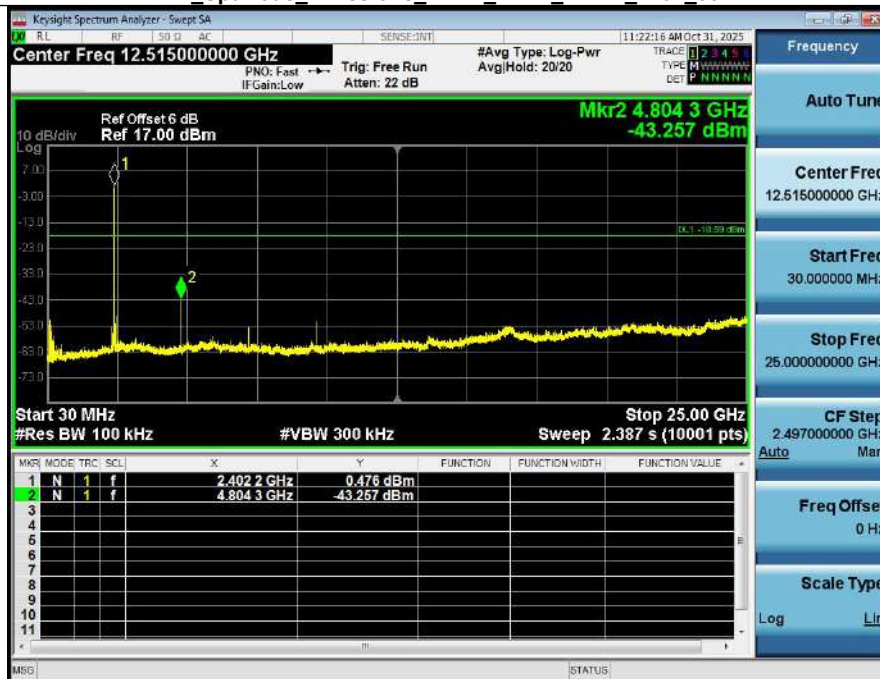
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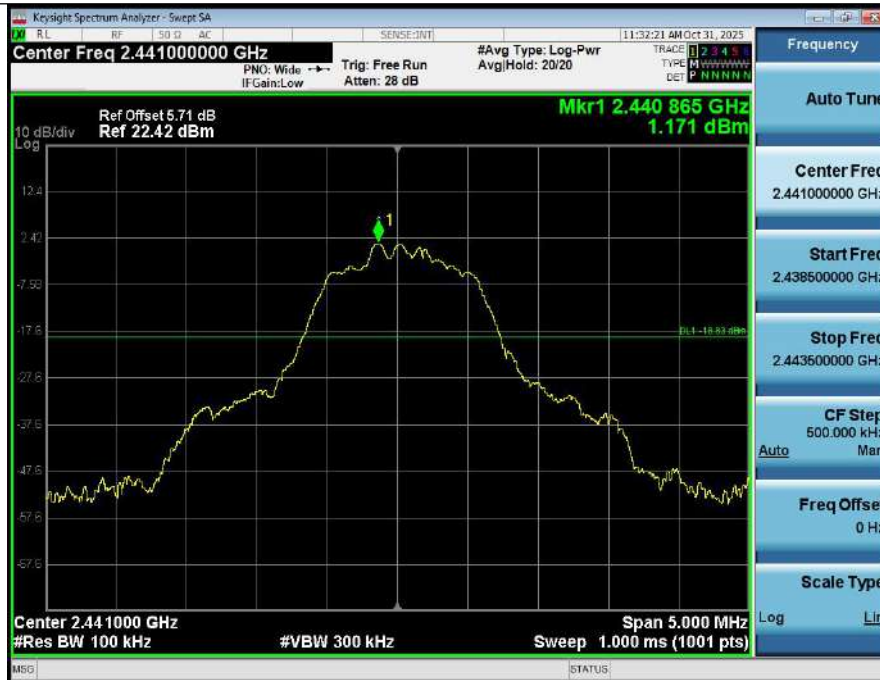
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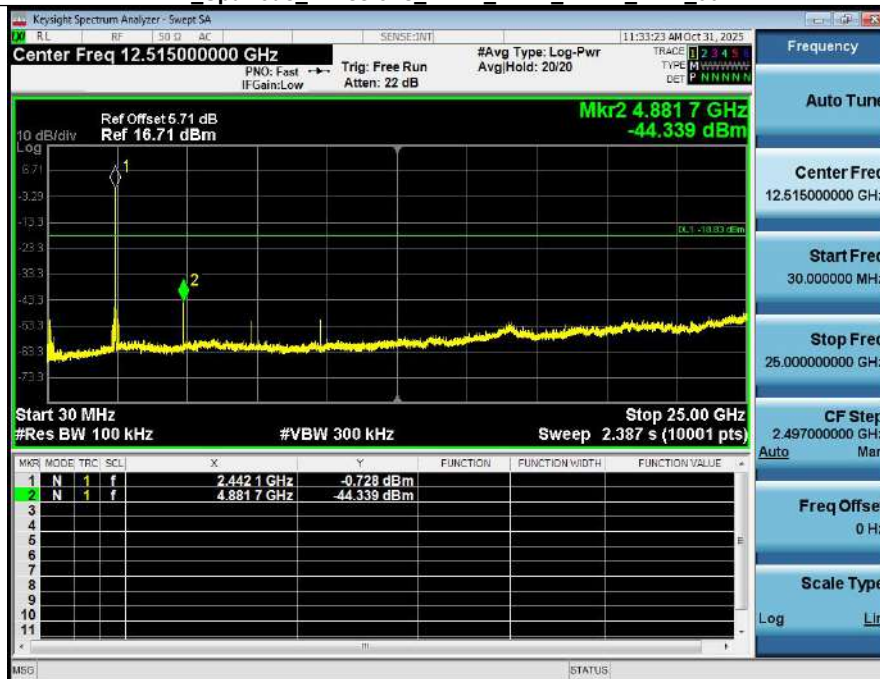
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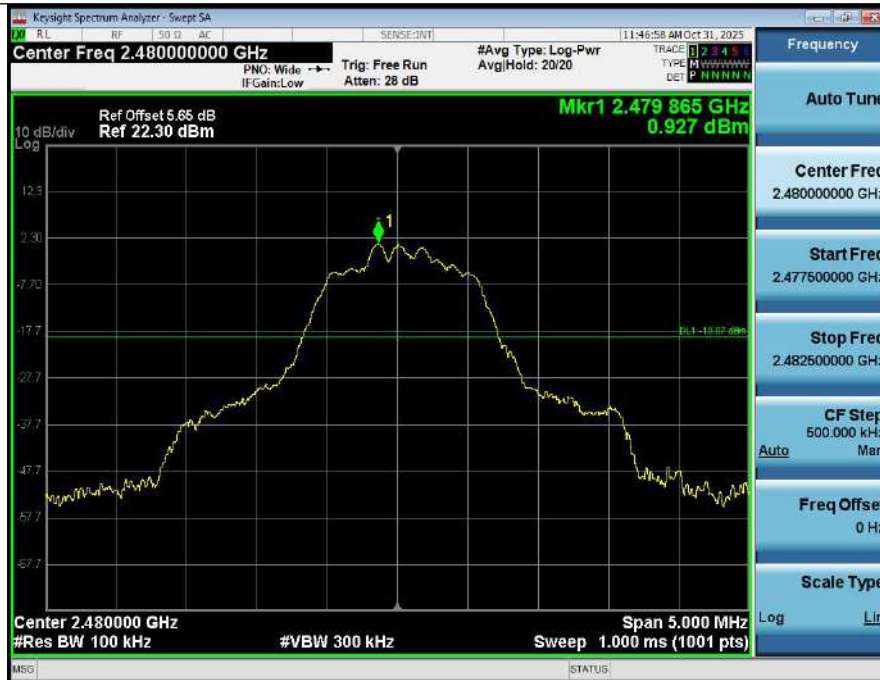
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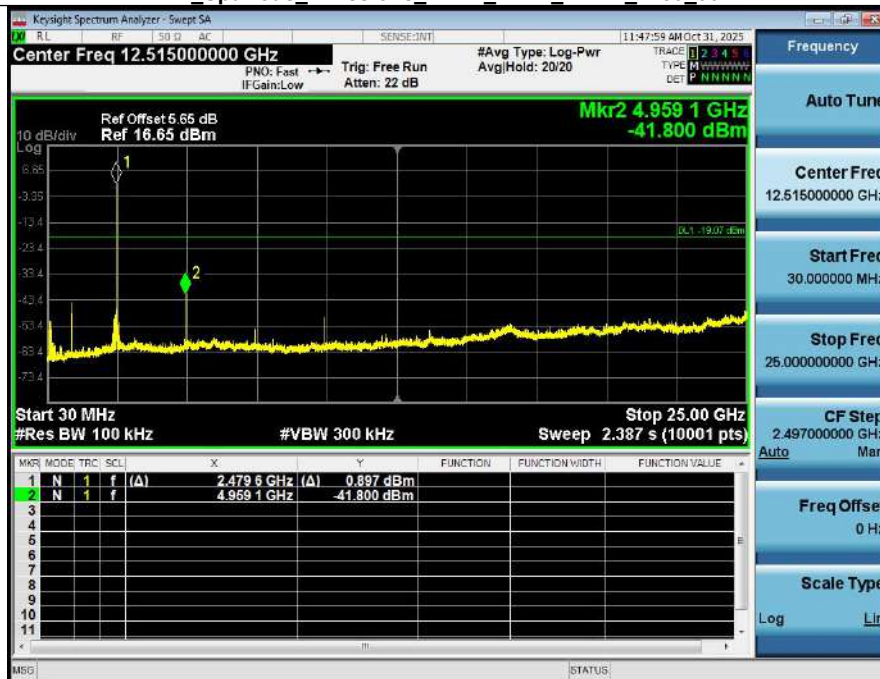
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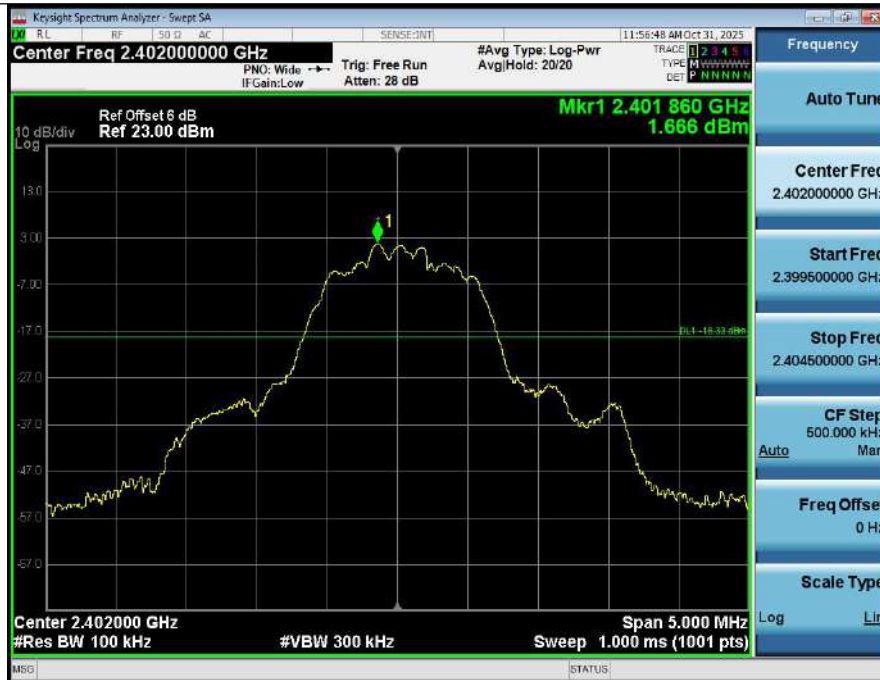
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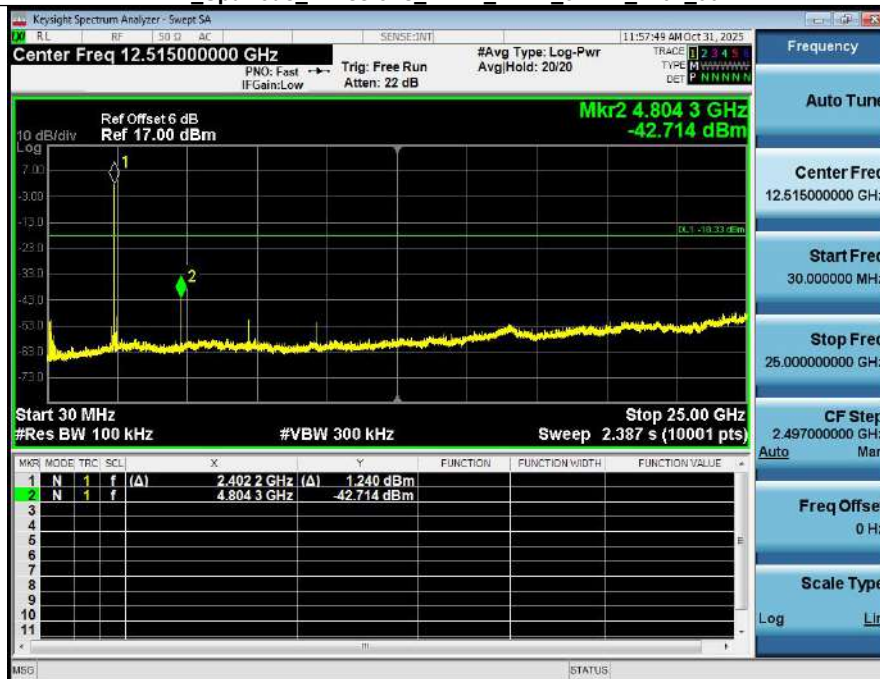
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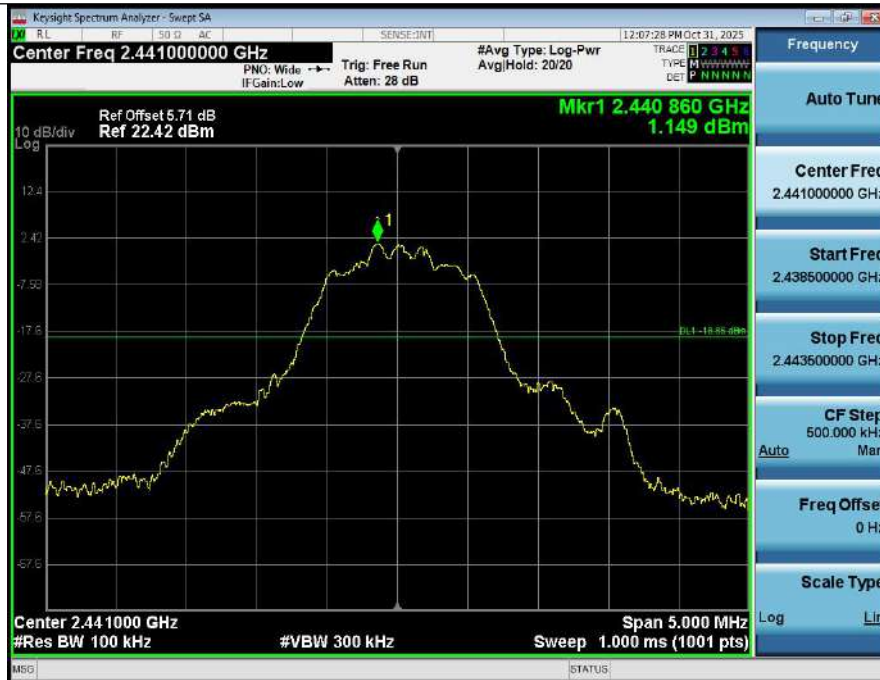
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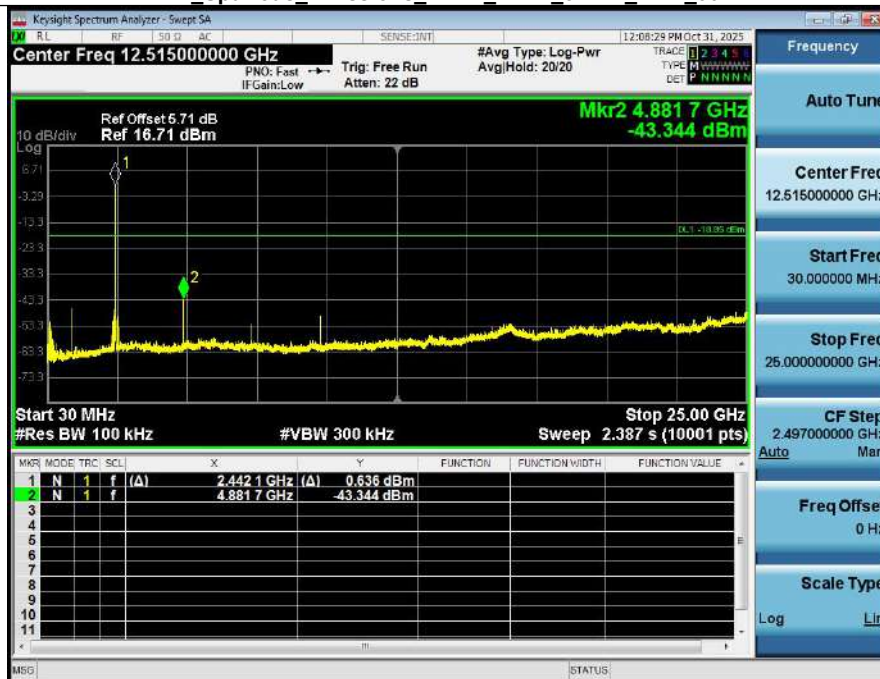
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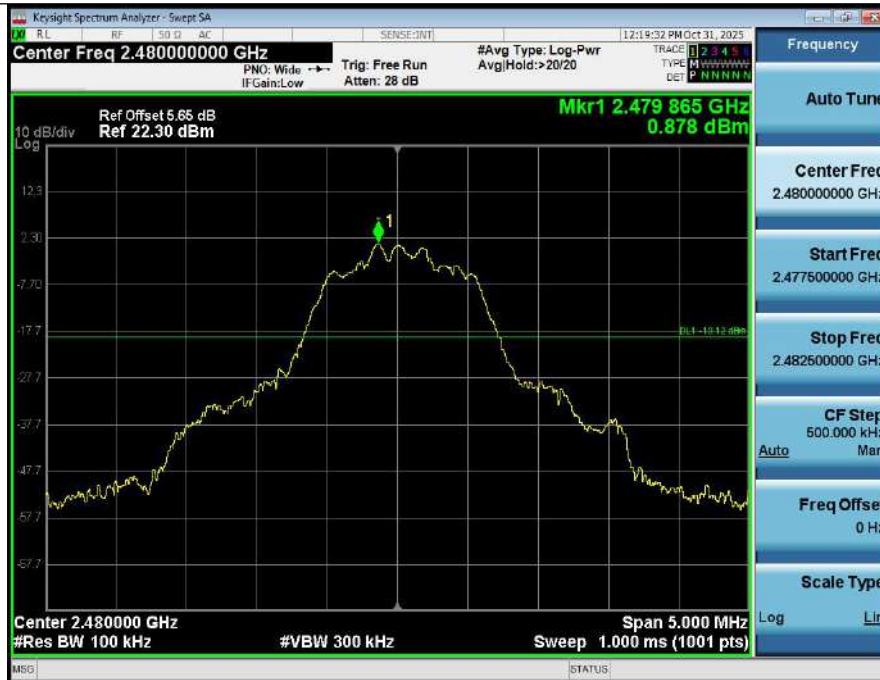
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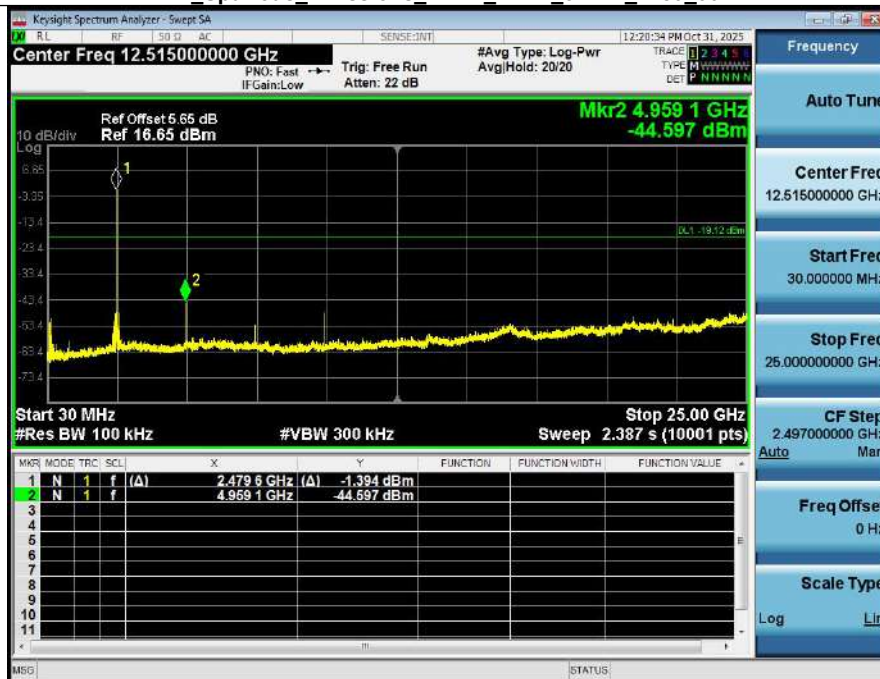
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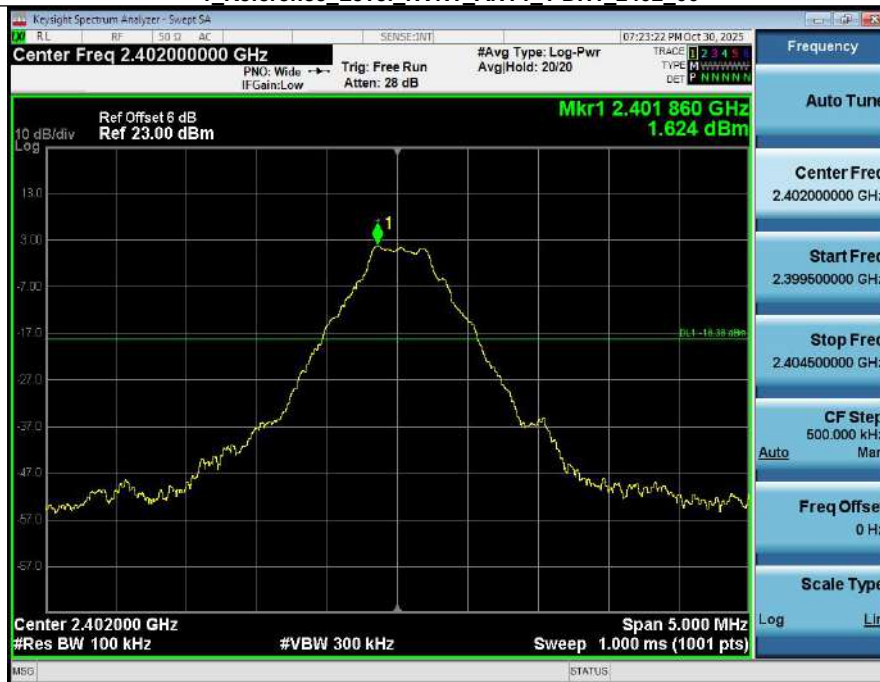
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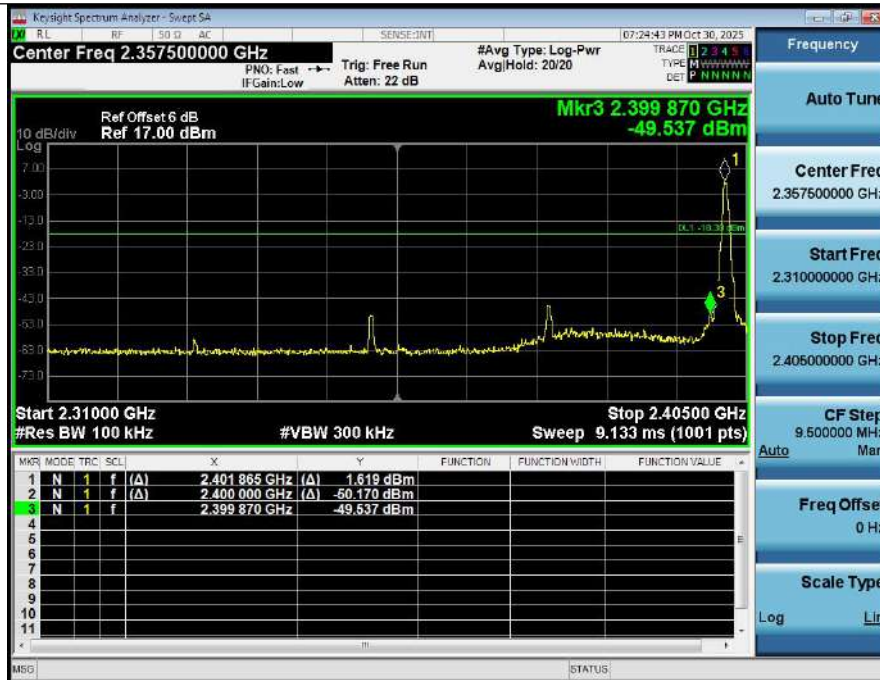
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	1.624	-49.537	-18.376	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	1.667	-45.681	-18.333	Pass
NVNT	ANT1	1-DH1	2480.00	0.899	-54.892	-19.101	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	1.313	-46.276	-18.687	Pass
NVNT	ANT1	2-DH1	2402.00	1.524	-49.572	-18.476	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	1.482	-46.869	-18.518	Pass
NVNT	ANT1	2-DH1	2480.00	0.927	-56.746	-19.073	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	1.405	-46.051	-18.595	Pass
NVNT	ANT1	3-DH1	2402.00	1.666	-52.340	-18.334	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	1.643	-45.331	-18.357	Pass
NVNT	ANT1	3-DH1	2480.00	0.878	-55.388	-19.122	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	1.261	-46.126	-18.739	Pass

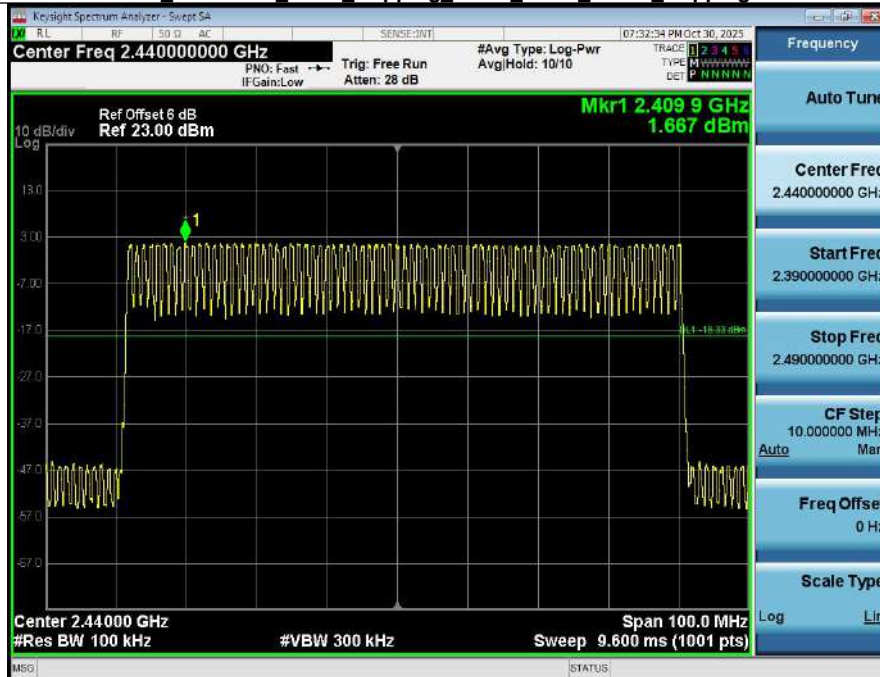
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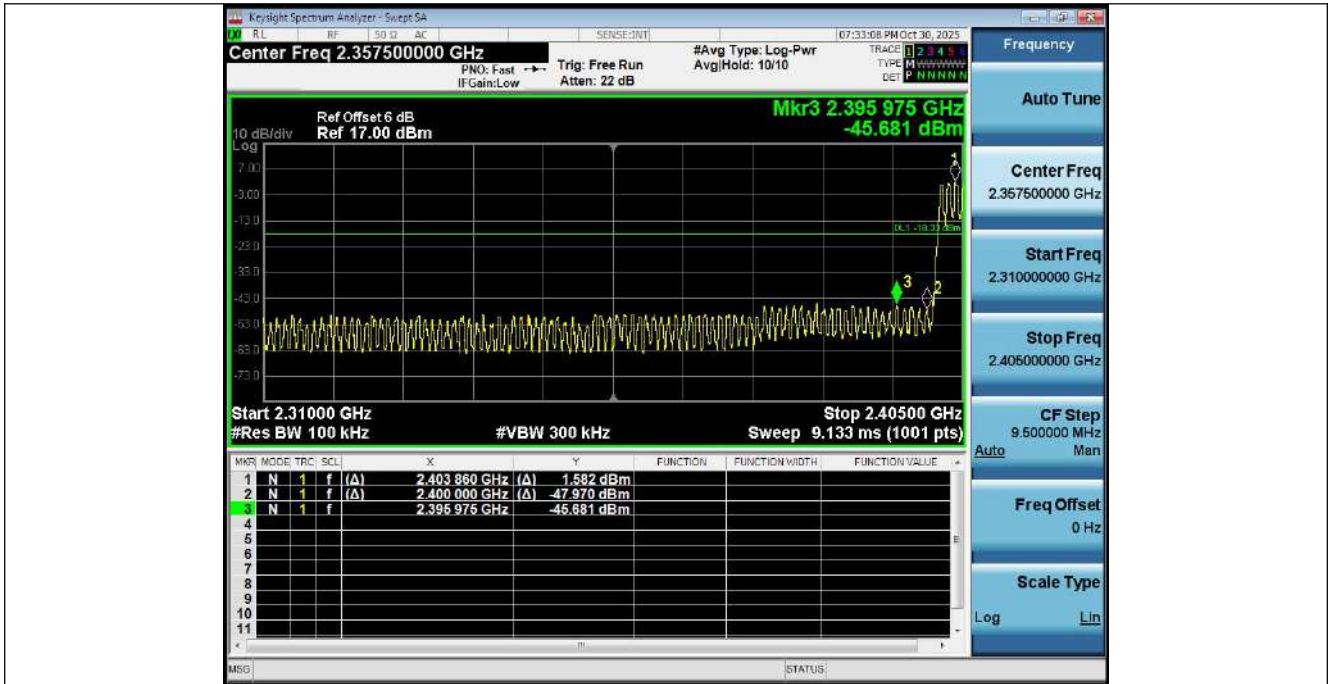
2_Bandedge_NVNT_ANT1_1-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



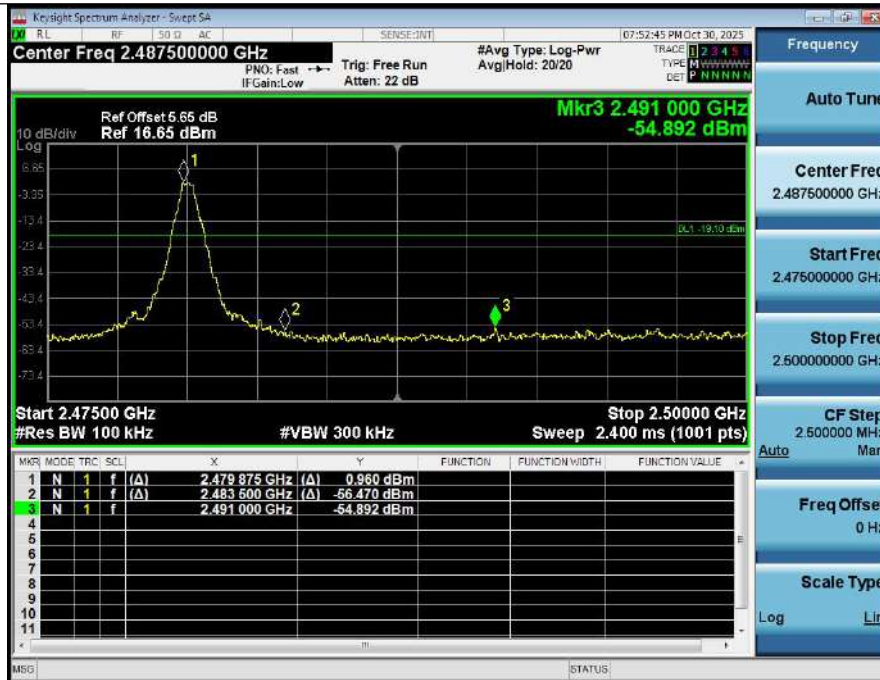
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



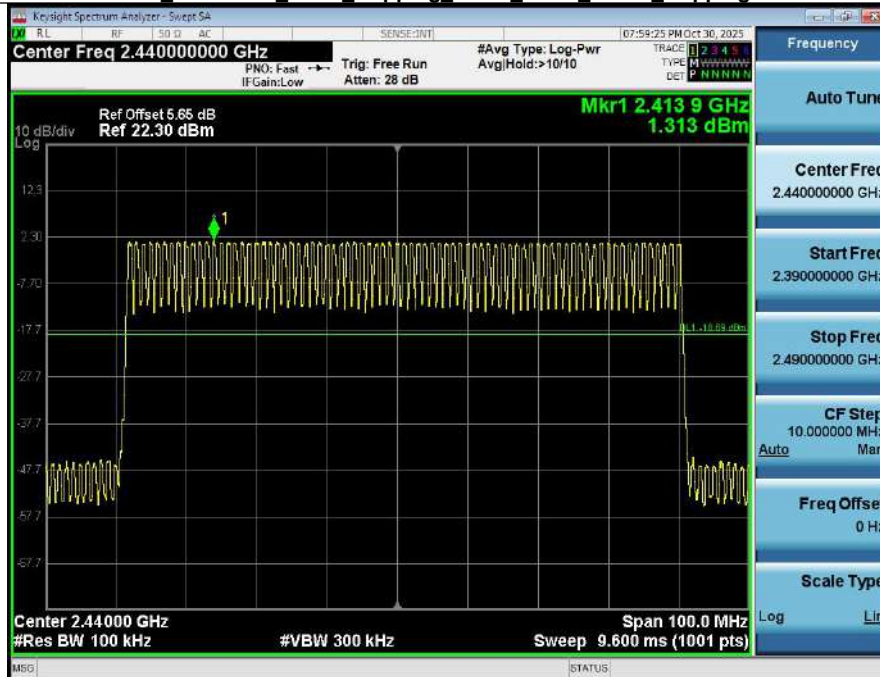
1 Reference Level NVNT ANT1 1-DH1 2480 00



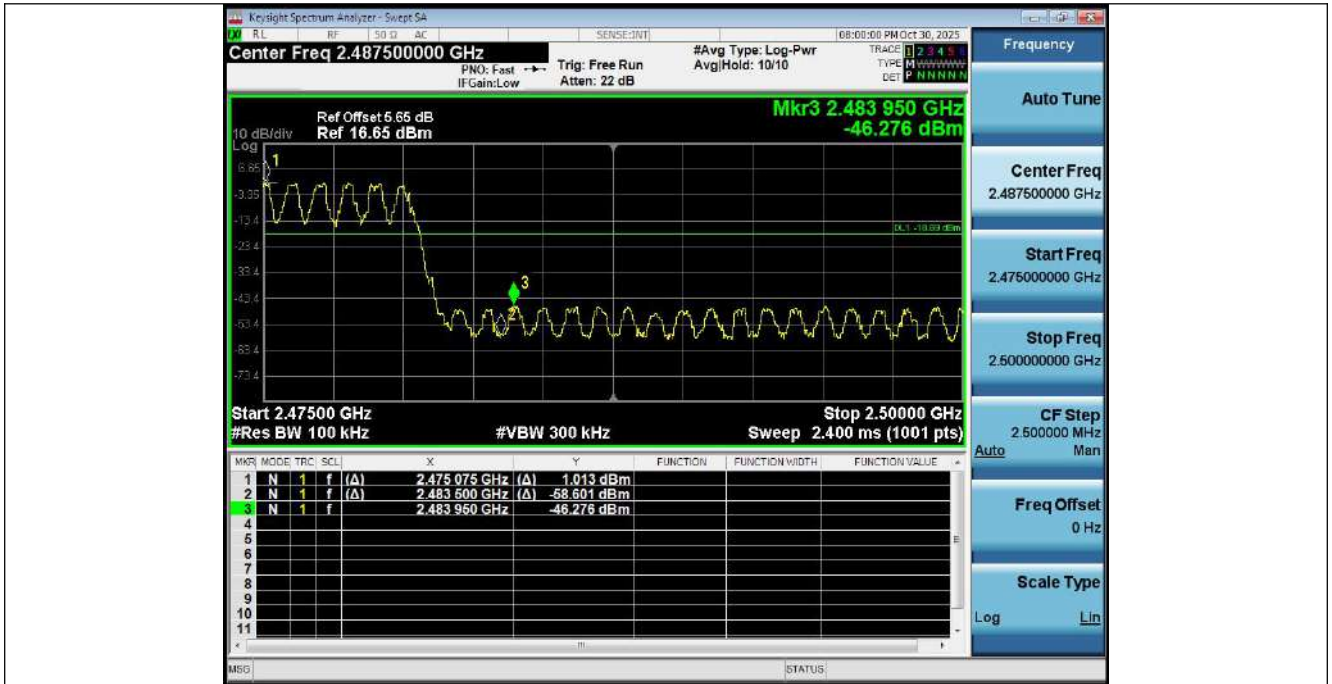
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



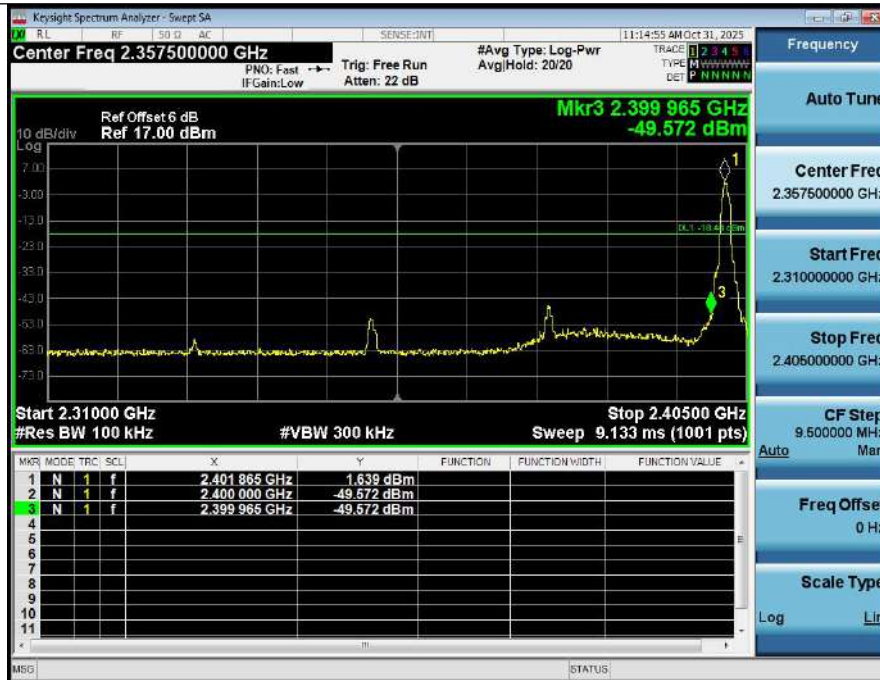
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 2-DH1 2402_00



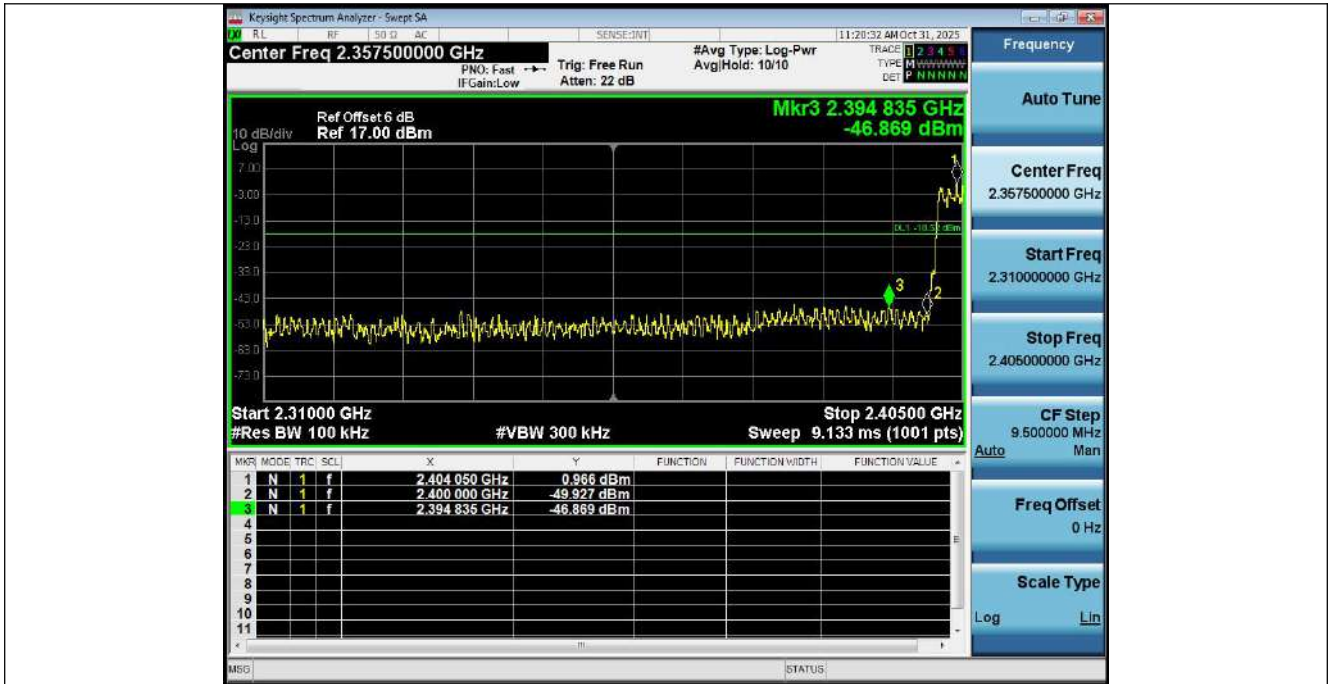
2 Bandedge NVNT ANT1 2-DH1 2402_00



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



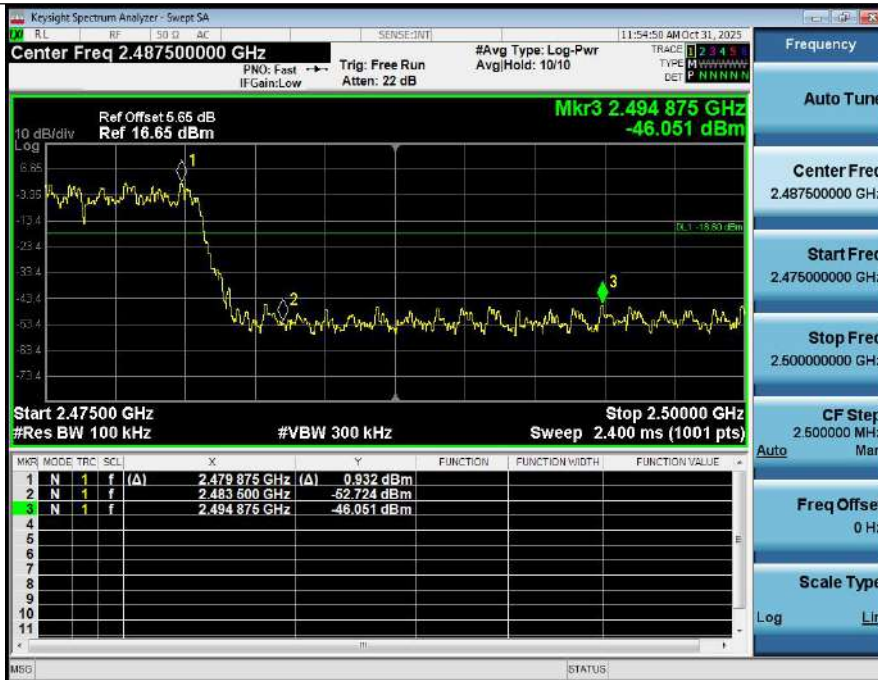
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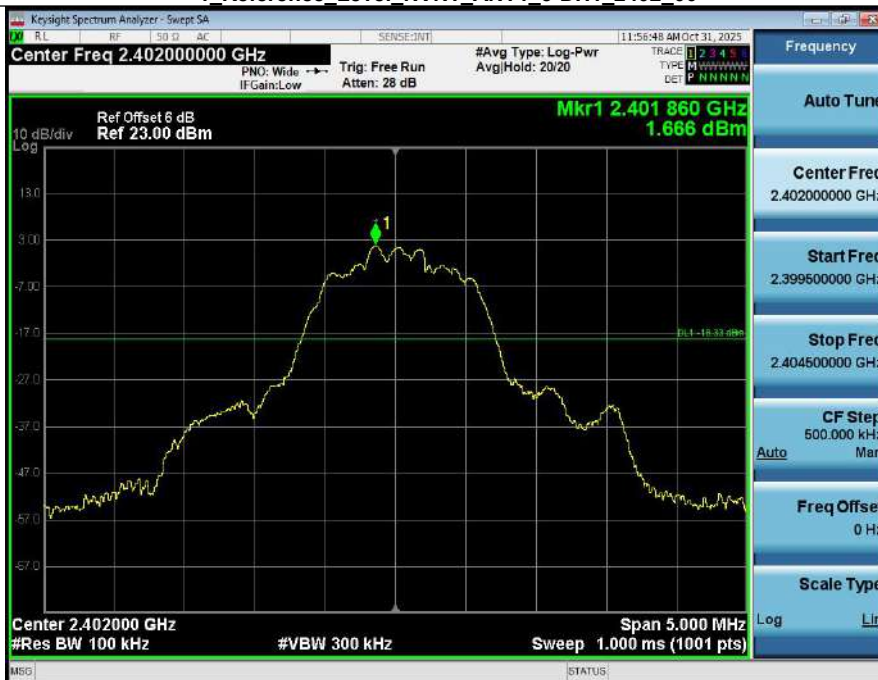
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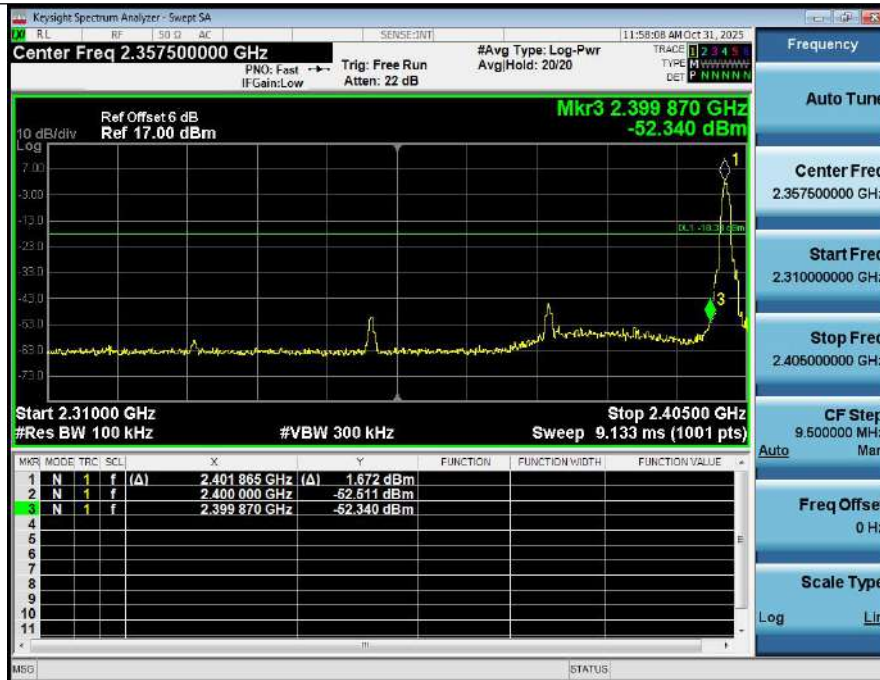
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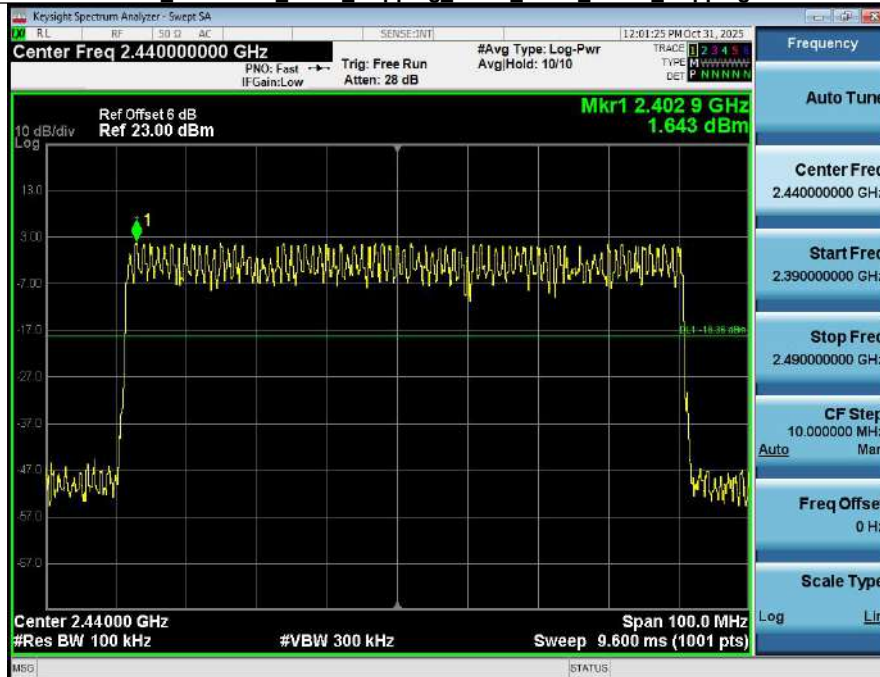
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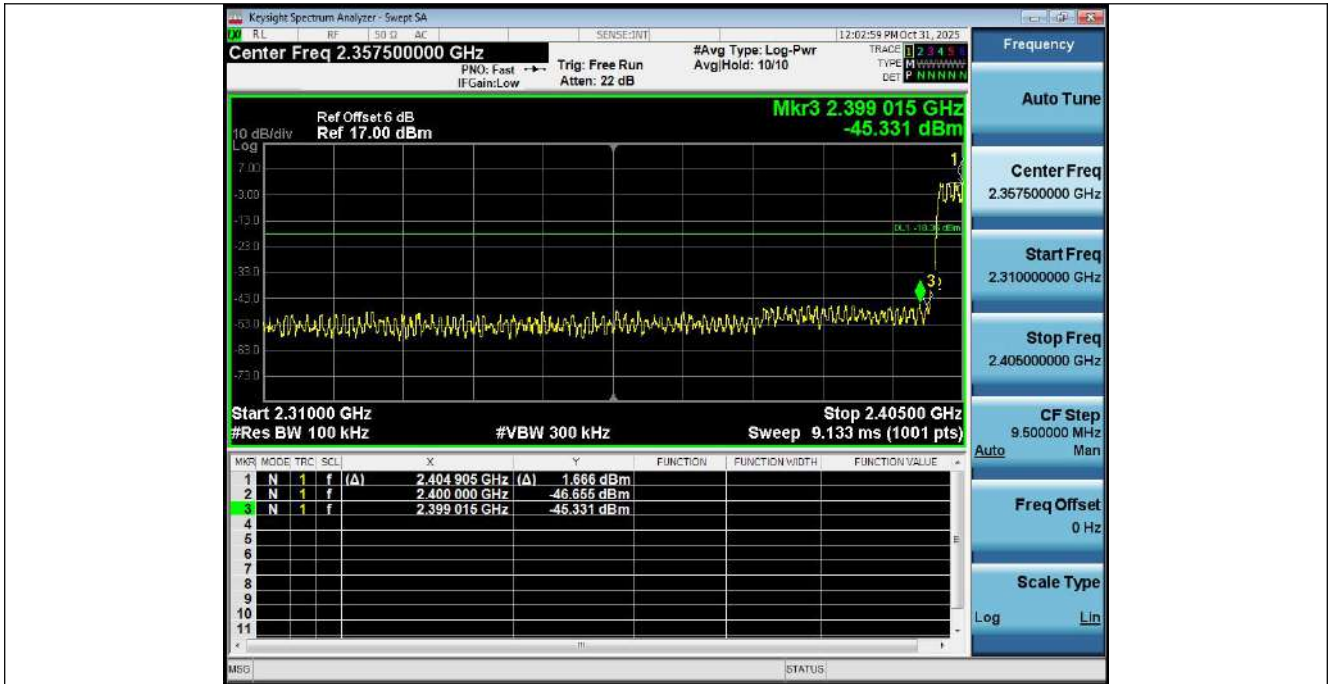
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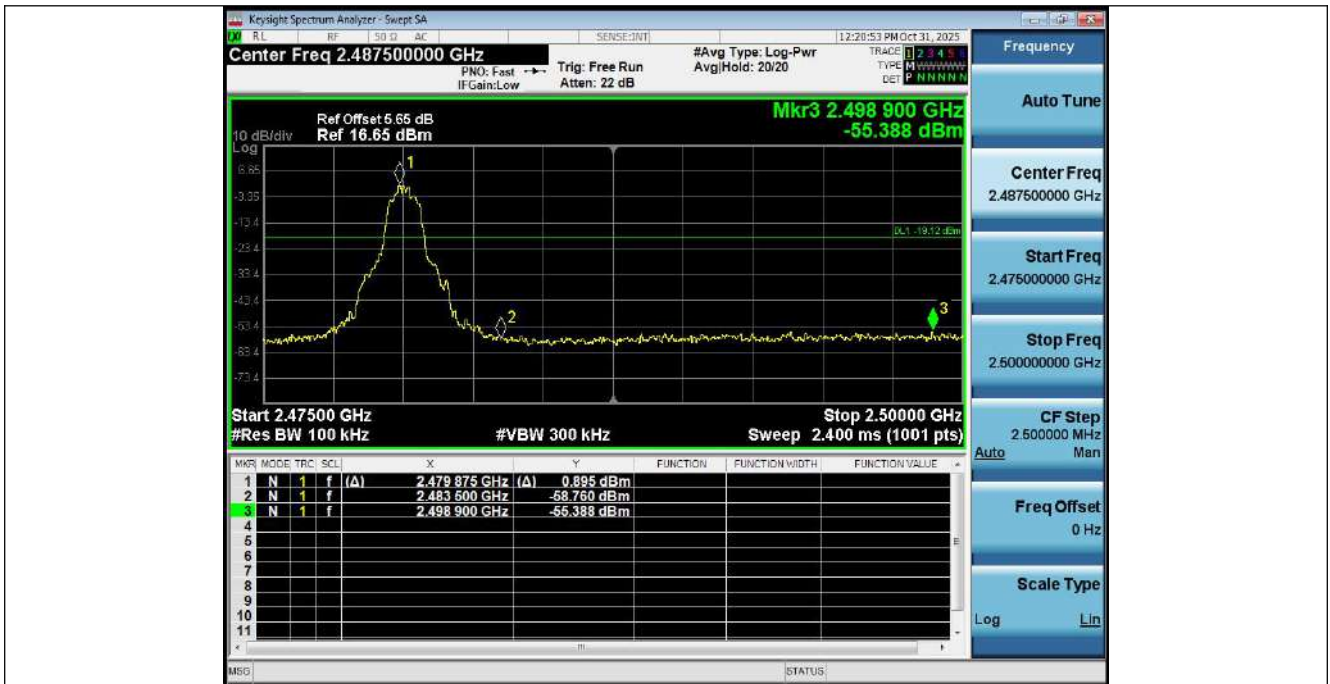
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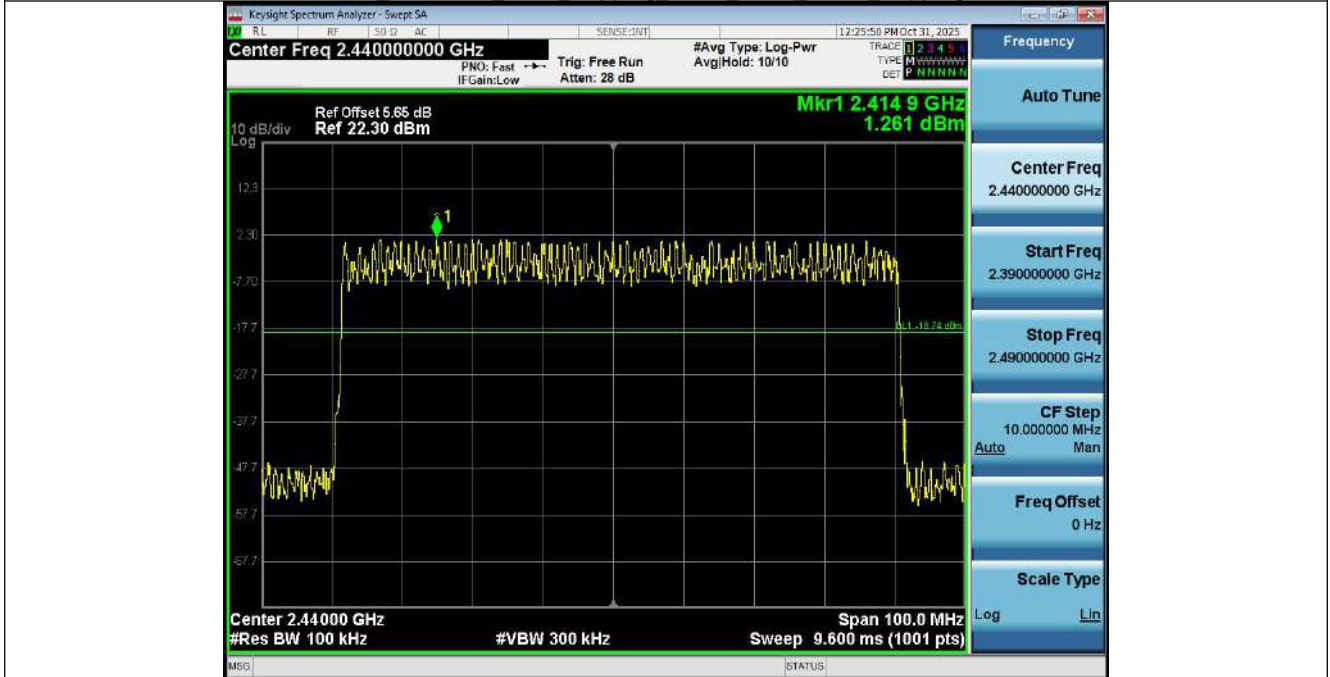
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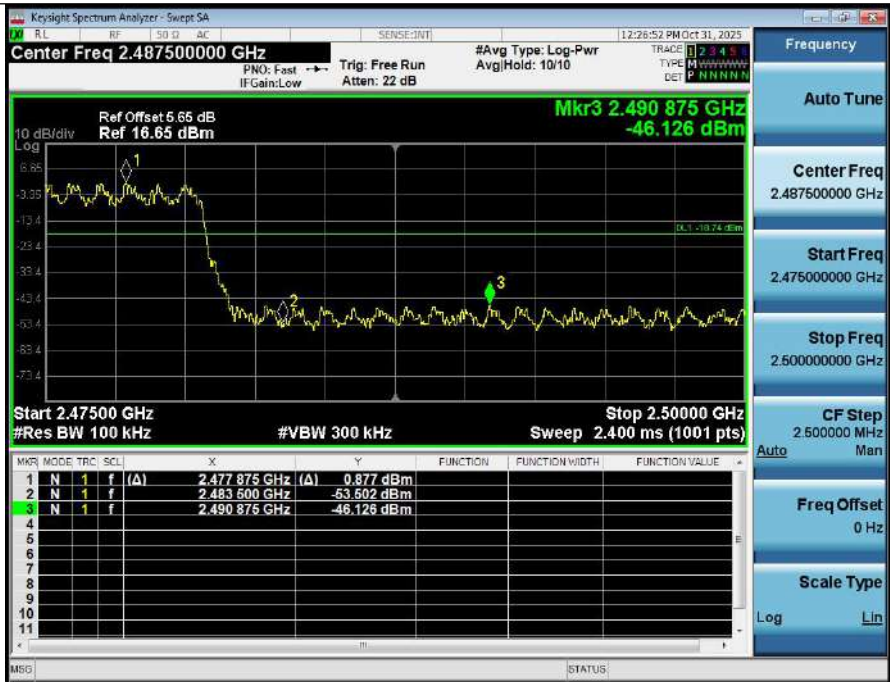
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

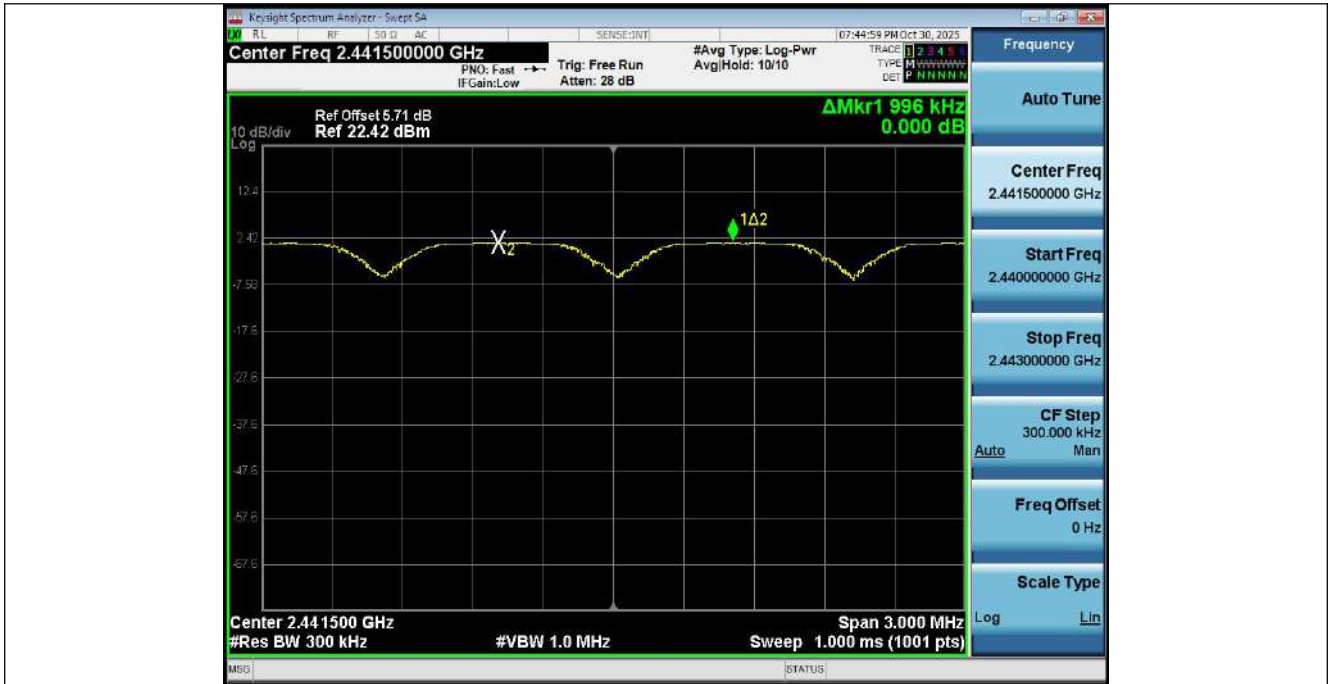


6. Carrier Frequencies Separation (Hopping)

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	2402.002	2403.004	1.00	0.688	Pass
NVNT	ANT1	1-DH1	2441.00	2441.011	2442.007	1.00	0.694	Pass
NVNT	ANT1	1-DH1	2480.00	2479.002	2480.010	1.01	0.690	Pass
NVNT	ANT1	2-DH1	2402.00	2402.005	2403.004	1.00	0.864	Pass
NVNT	ANT1	2-DH1	2441.00	2441.008	2442.007	1.00	0.861	Pass
NVNT	ANT1	2-DH1	2480.00	2479.011	2480.016	1.00	0.859	Pass
NVNT	ANT1	3-DH1	2402.00	2402.014	2403.016	1.00	0.840	Pass
NVNT	ANT1	3-DH1	2441.00	2441.008	2442.004	1.00	0.843	Pass
NVNT	ANT1	3-DH1	2480.00	2479.008	2480.010	1.00	0.847	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

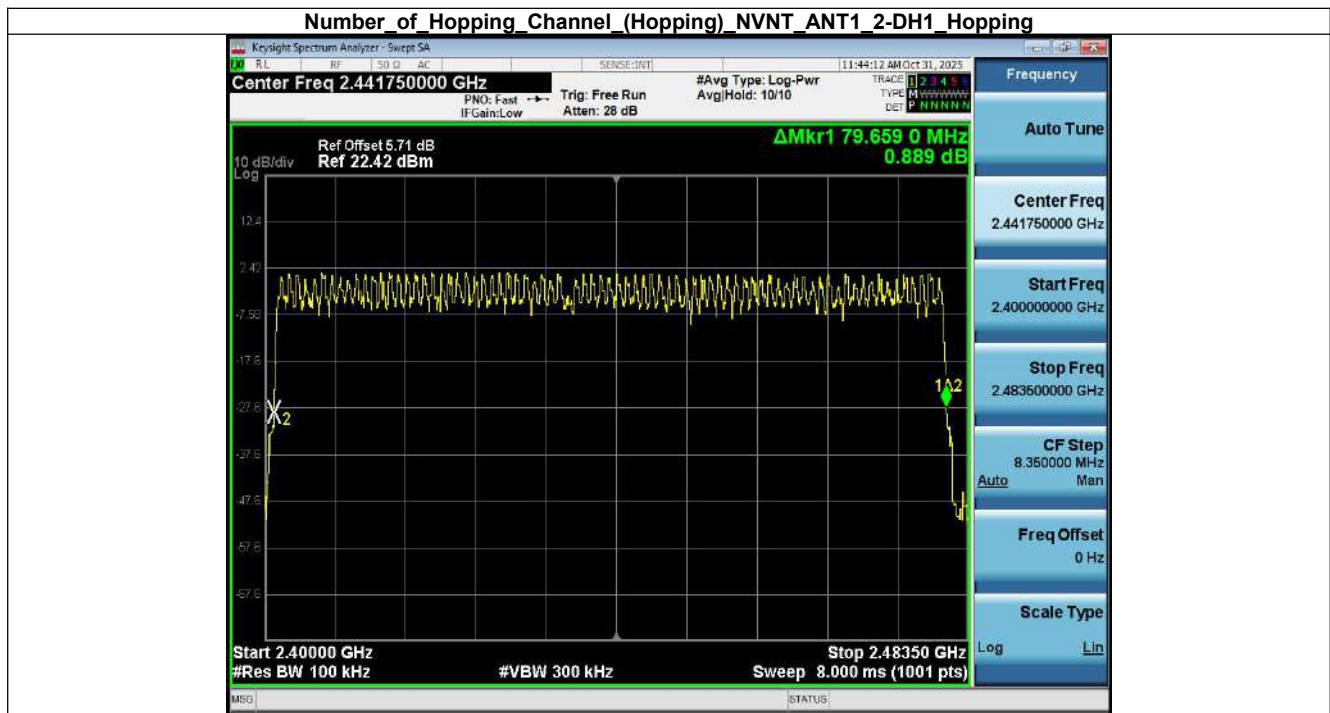
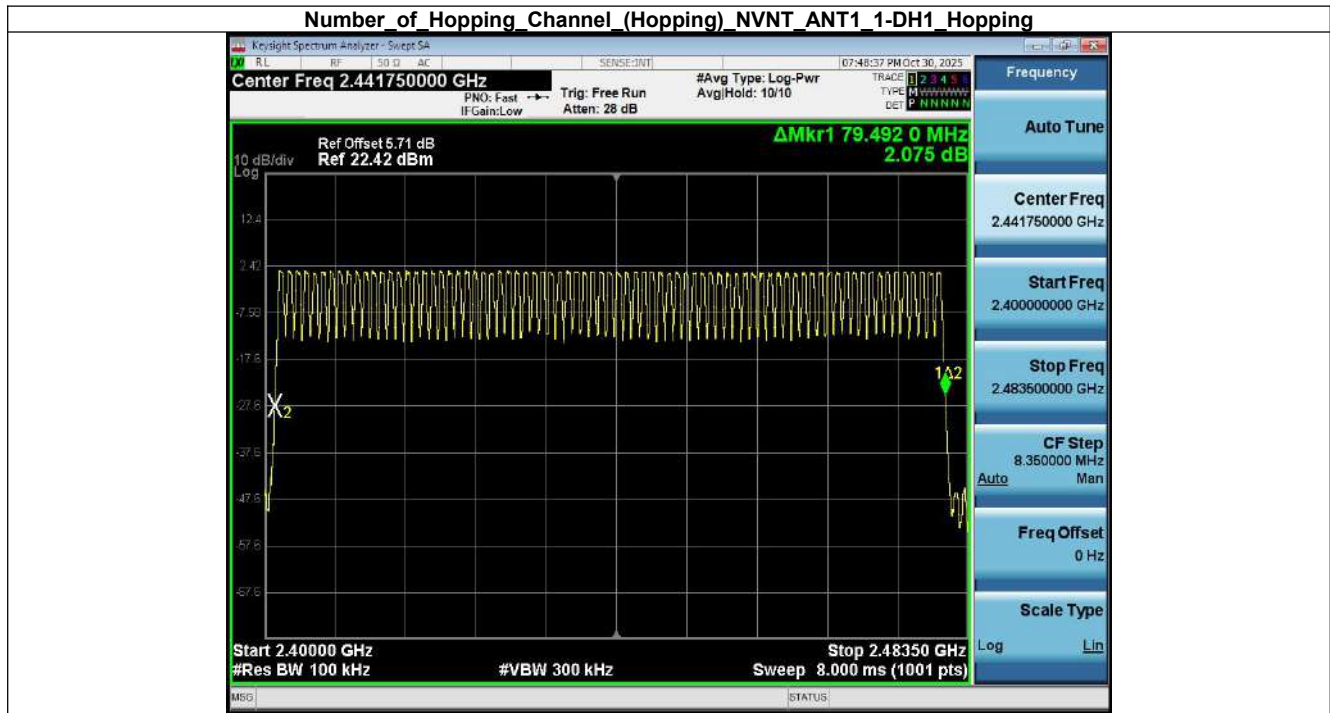


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

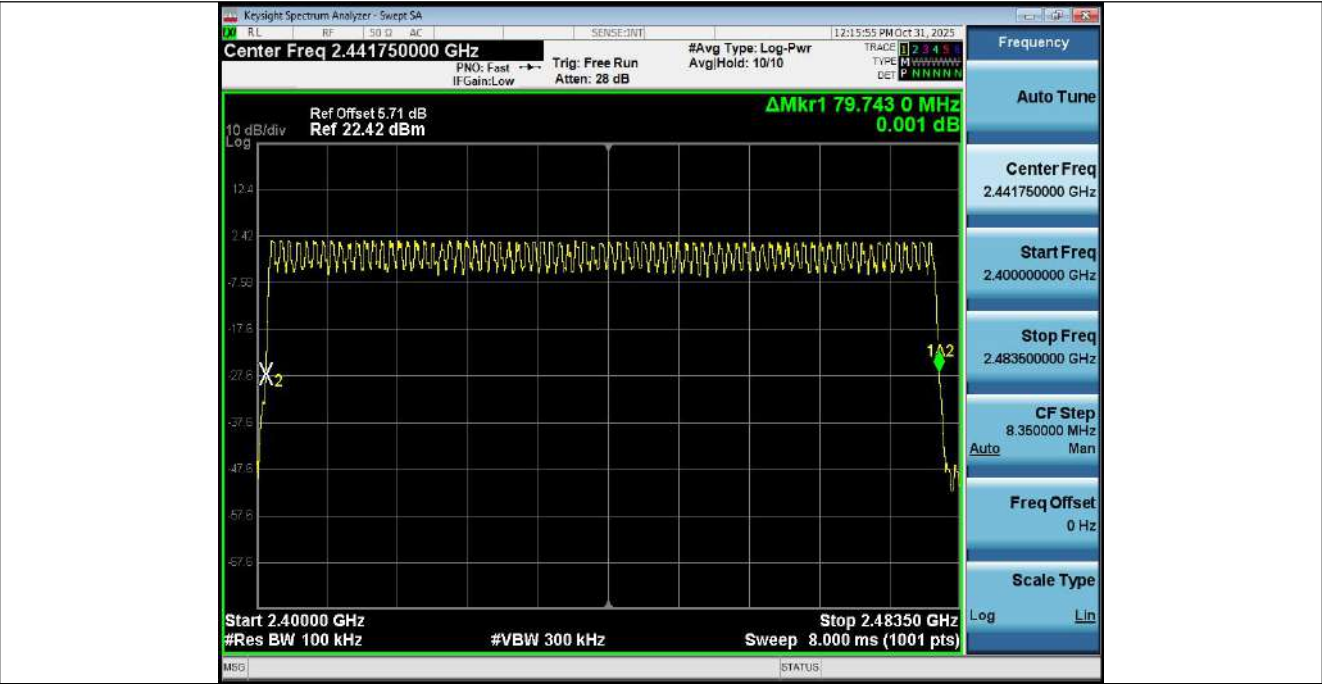


7. Number of Hopping Channel (Hopping)

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



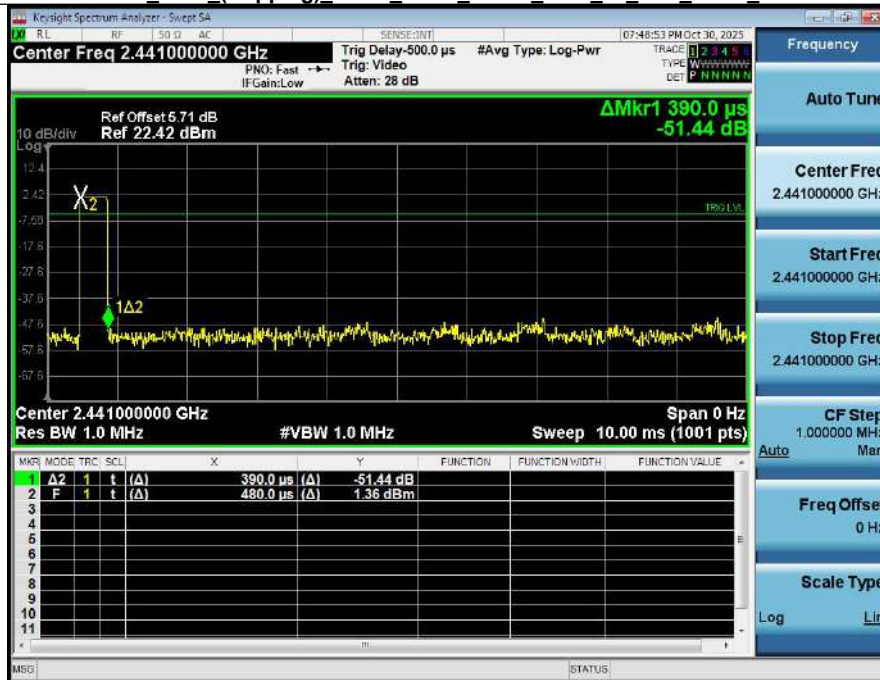
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



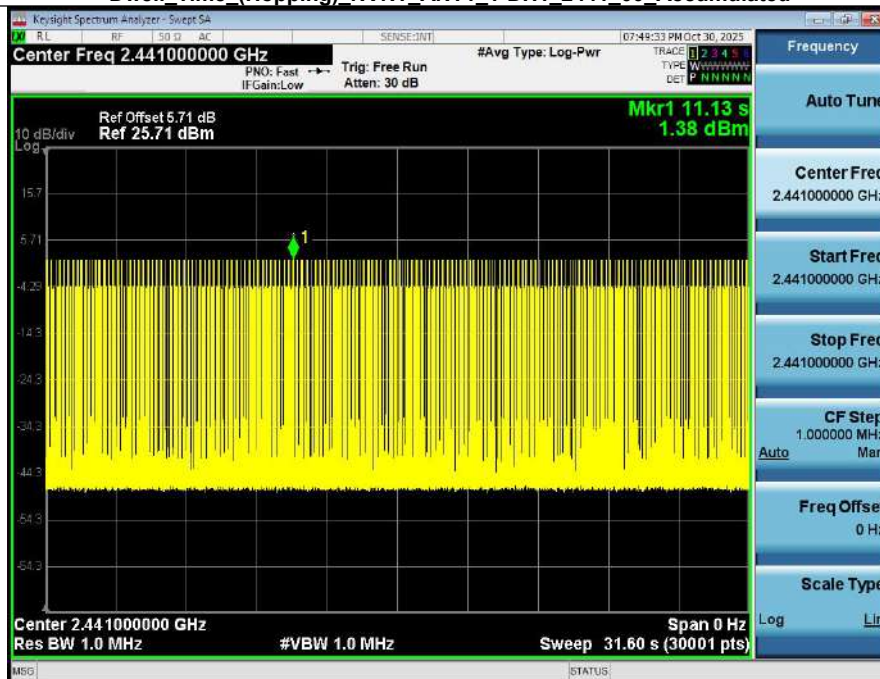
8. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	317.00	123.630	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	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	1-DH5	2.890	112.00	323.680	0.40	Pass
NVNT	ANT1	2-DH3	1.650	147.00	242.550	0.40	Pass
NVNT	ANT1	2-DH5	2.900	99.00	287.100	0.40	Pass
NVNT	ANT1	3-DH3	1.640	154.00	252.560	0.40	Pass
NVNT	ANT1	3-DH5	2.900	113.00	327.700	0.40	Pass

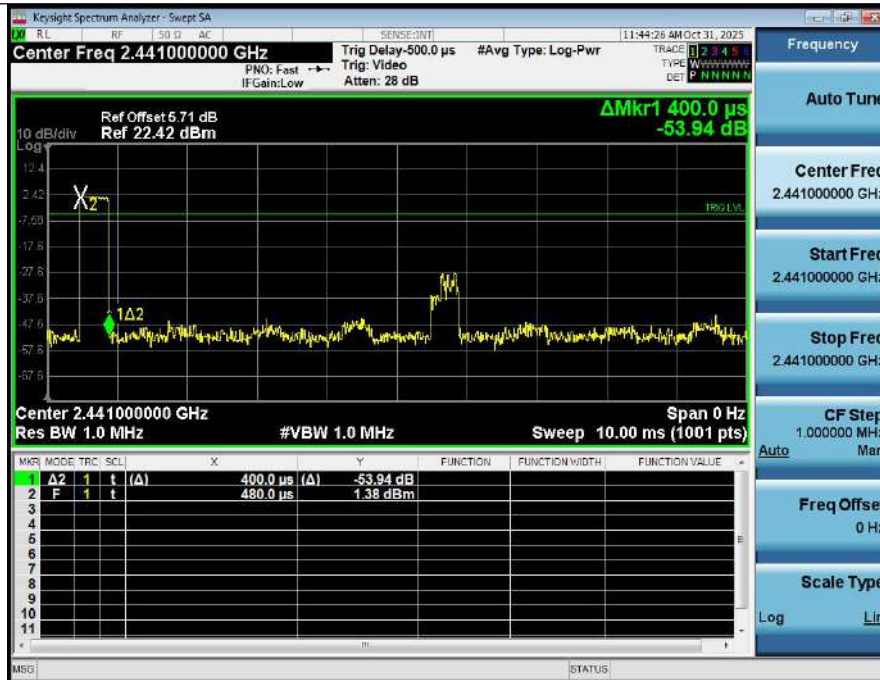
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 One Burst Time



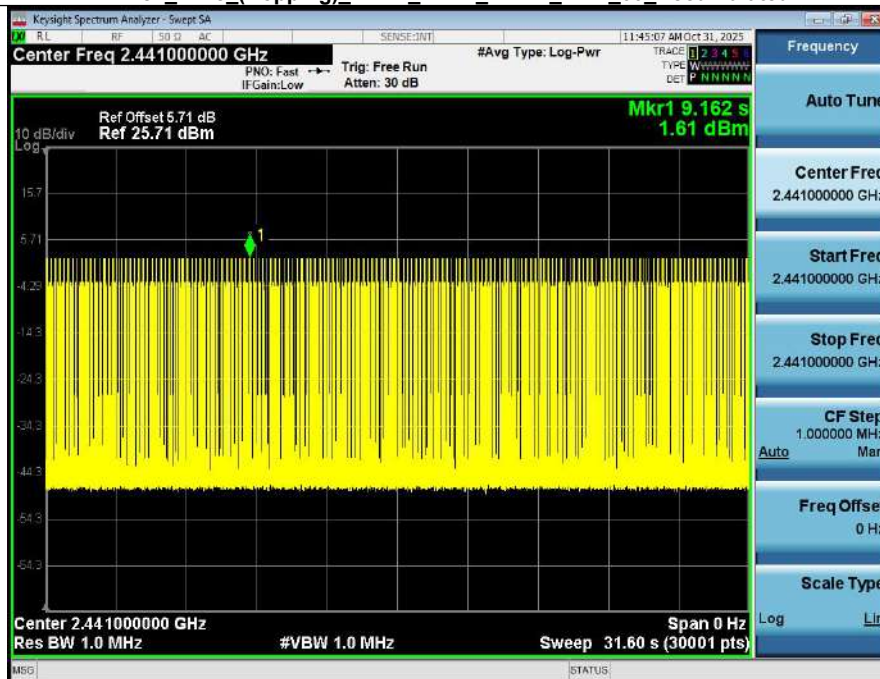
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



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



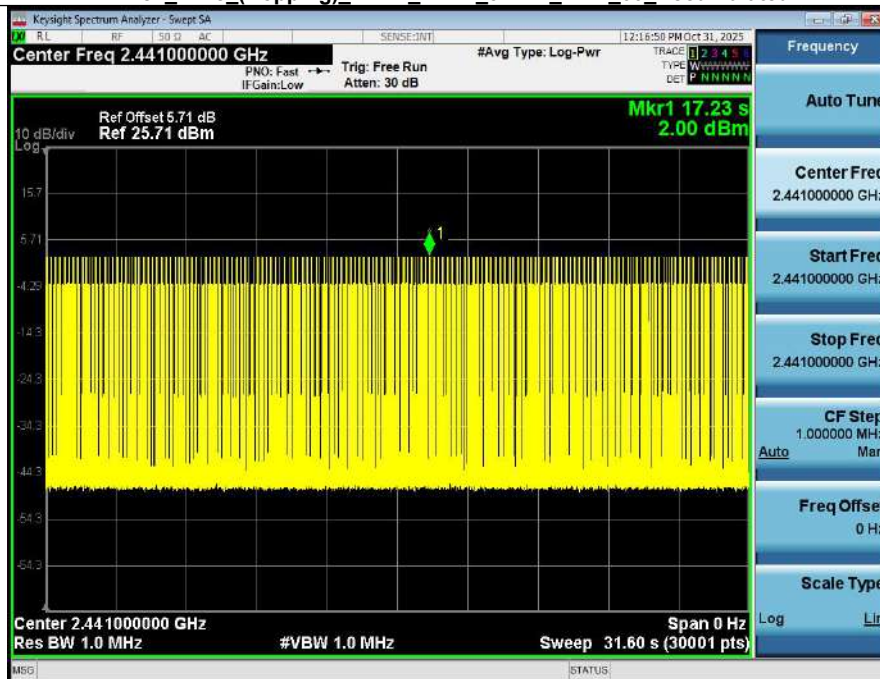
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



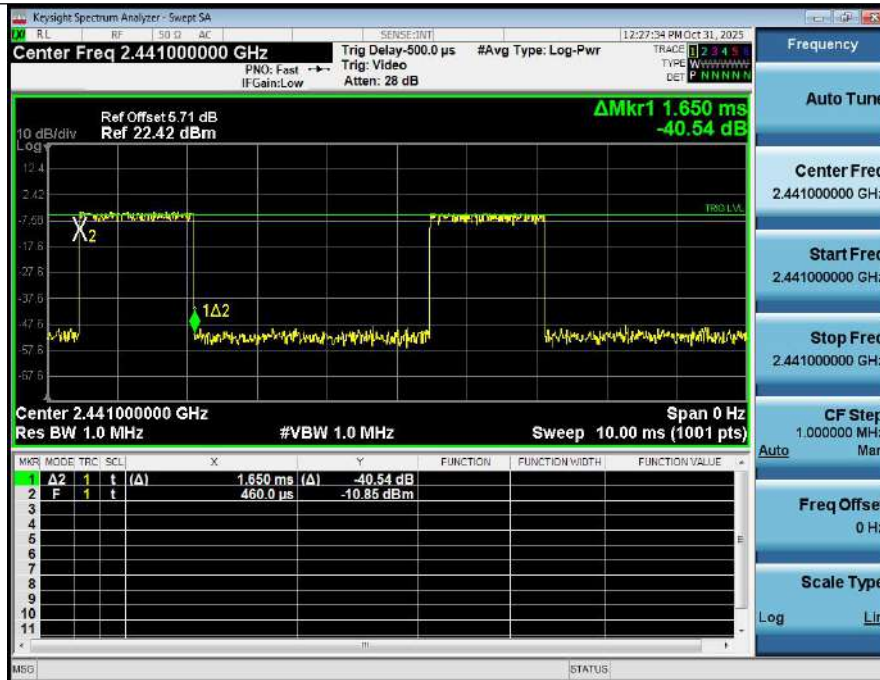
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



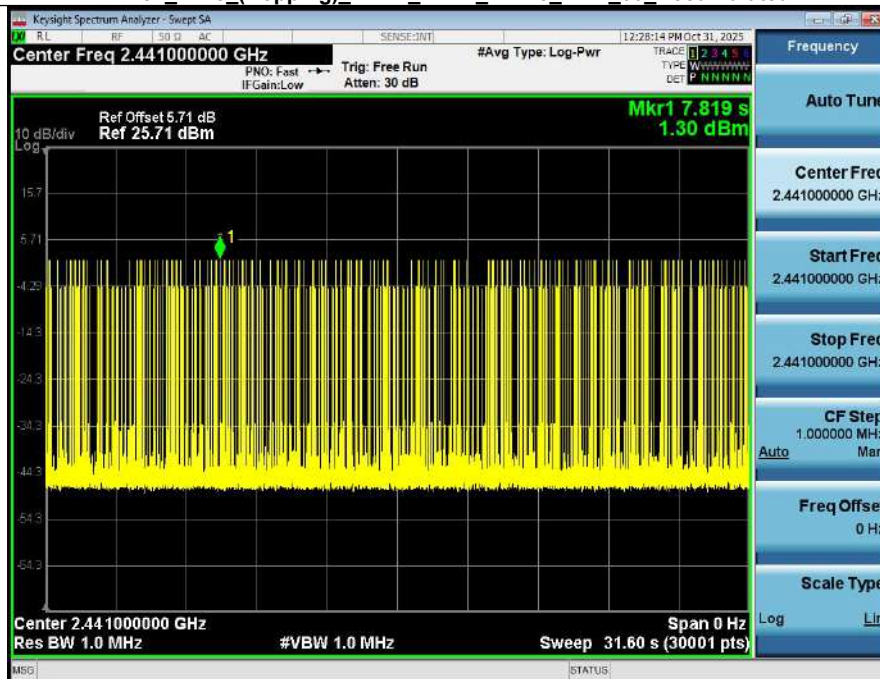
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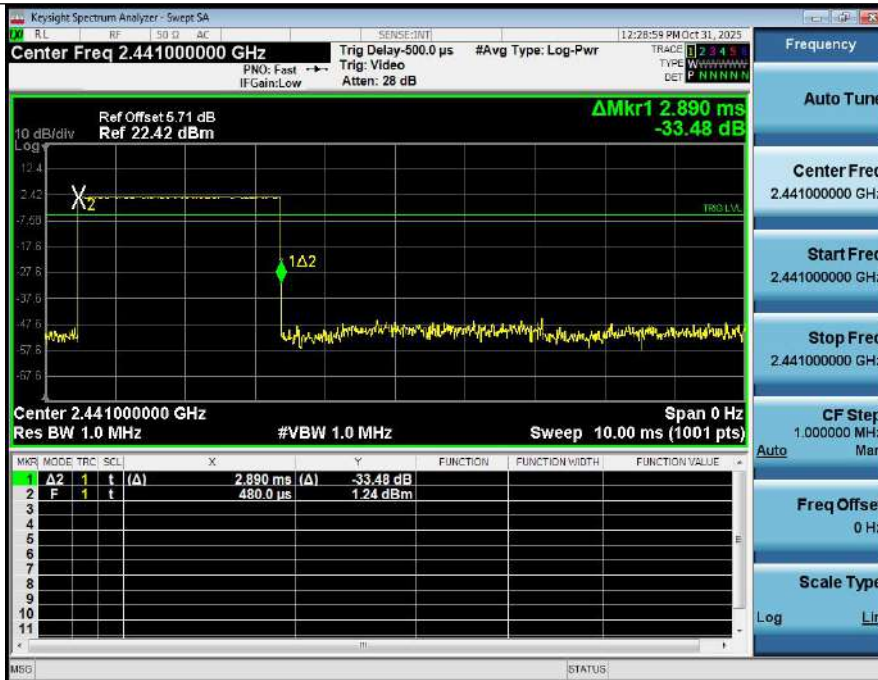
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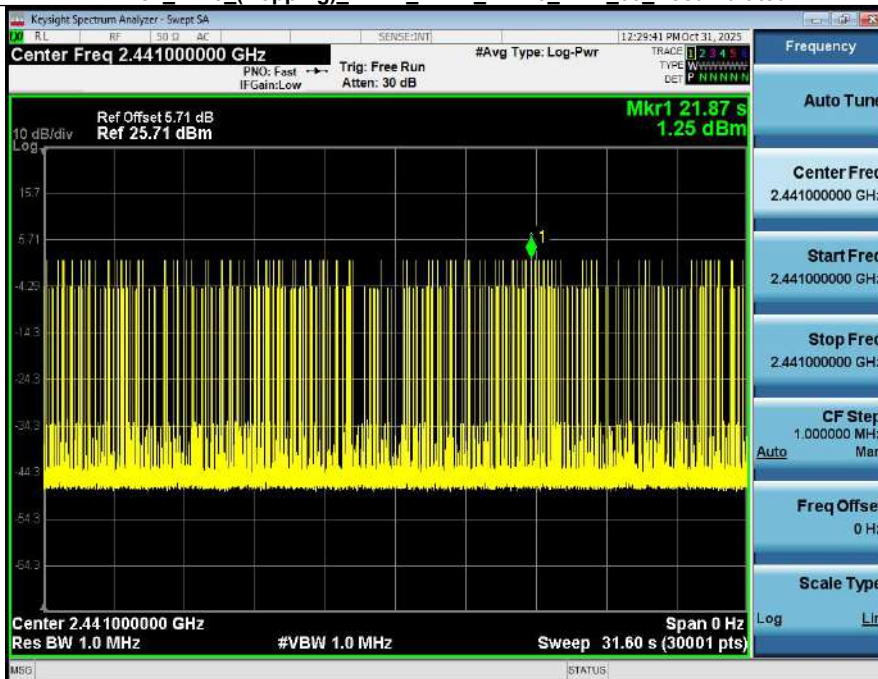
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



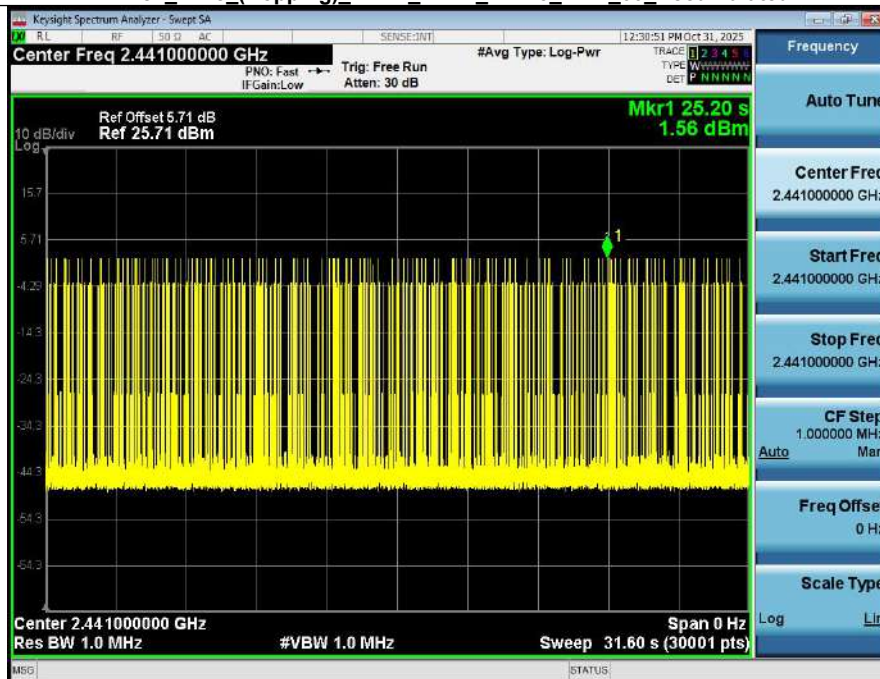
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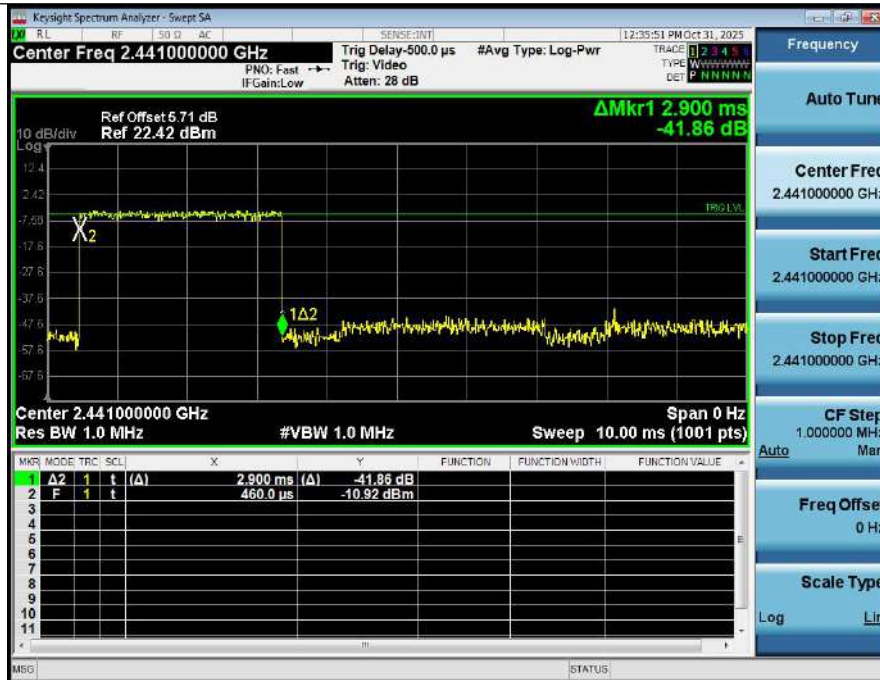
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



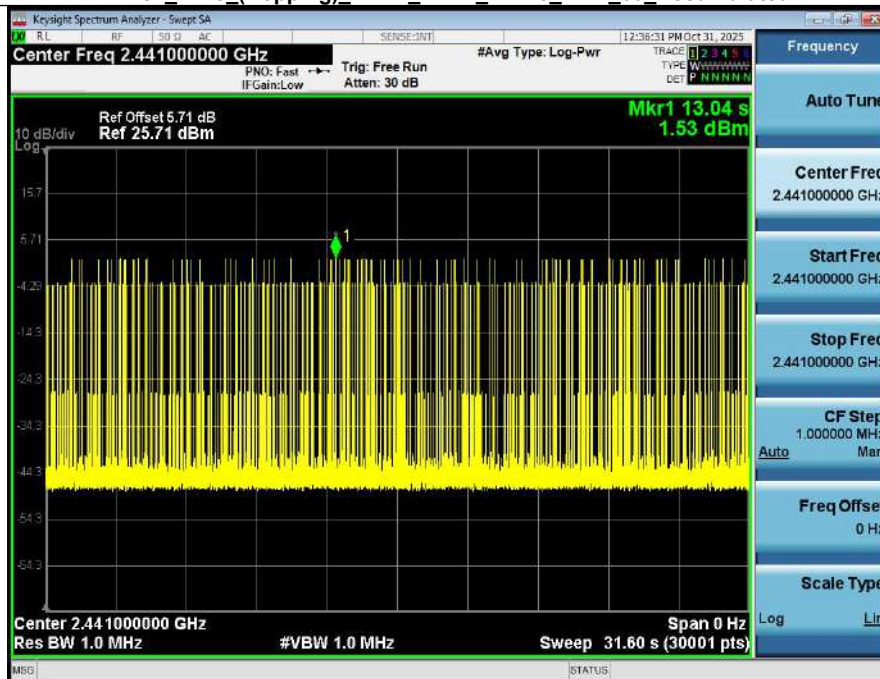
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Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



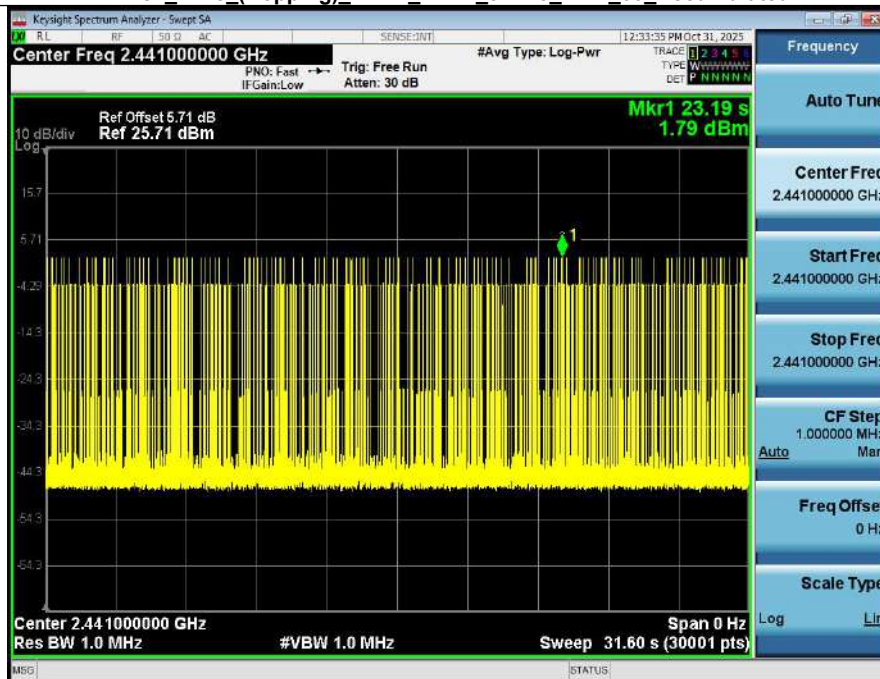
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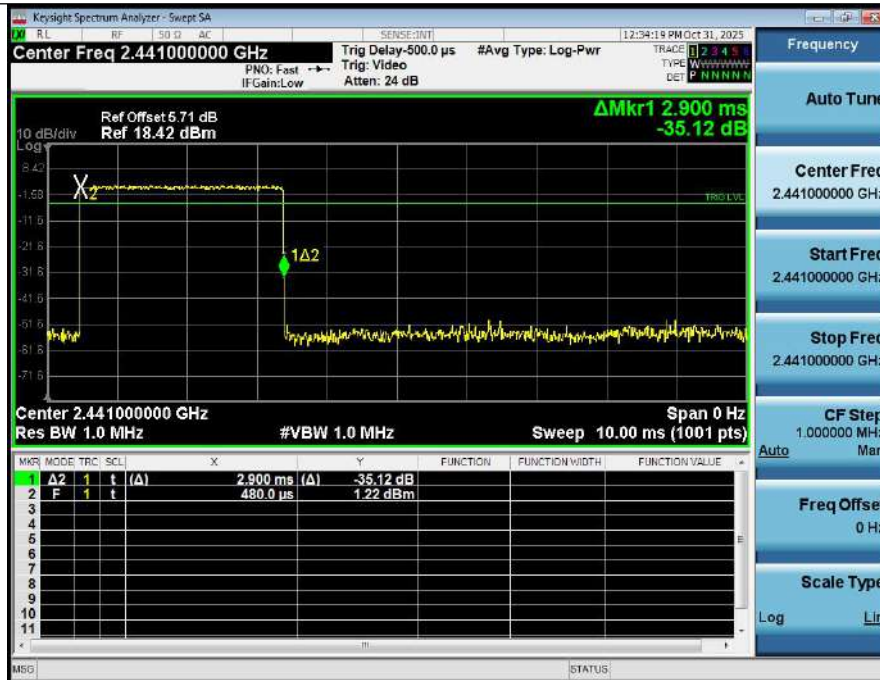
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

