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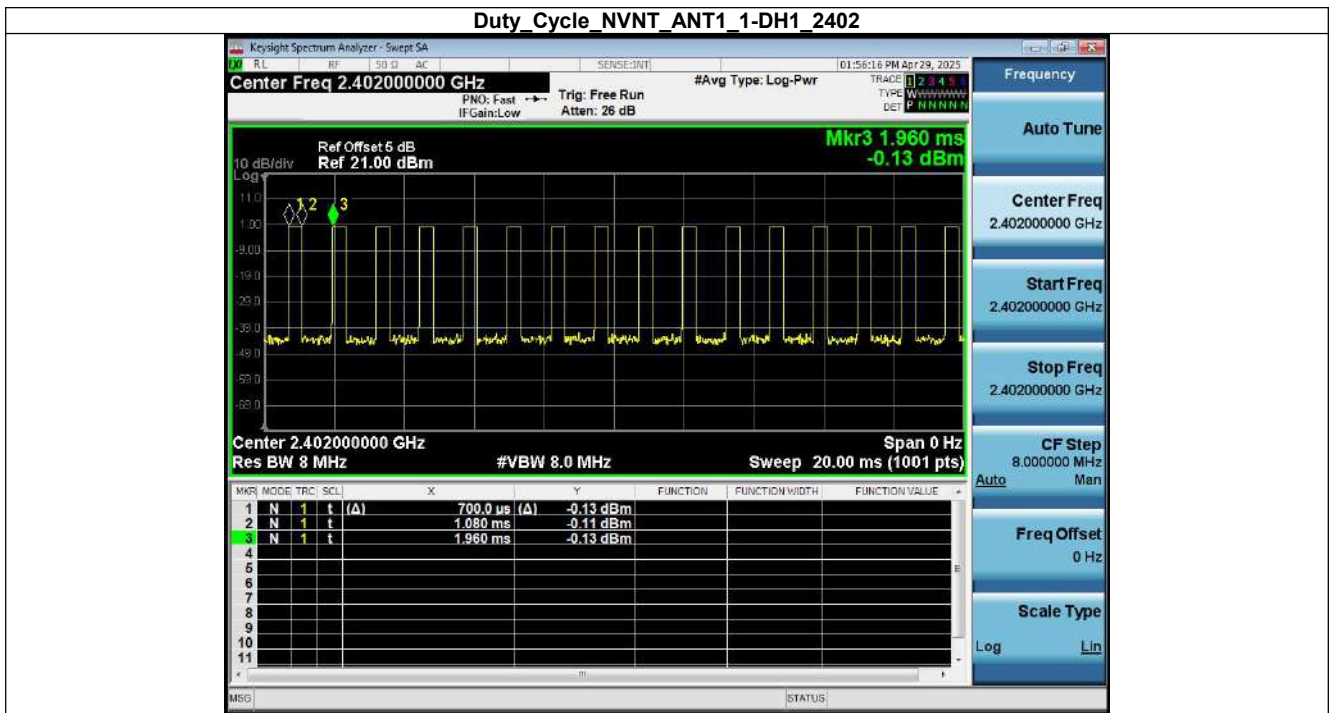
Report No.: MAX250422710P01-R01

FCC ID:2BO78-S500L

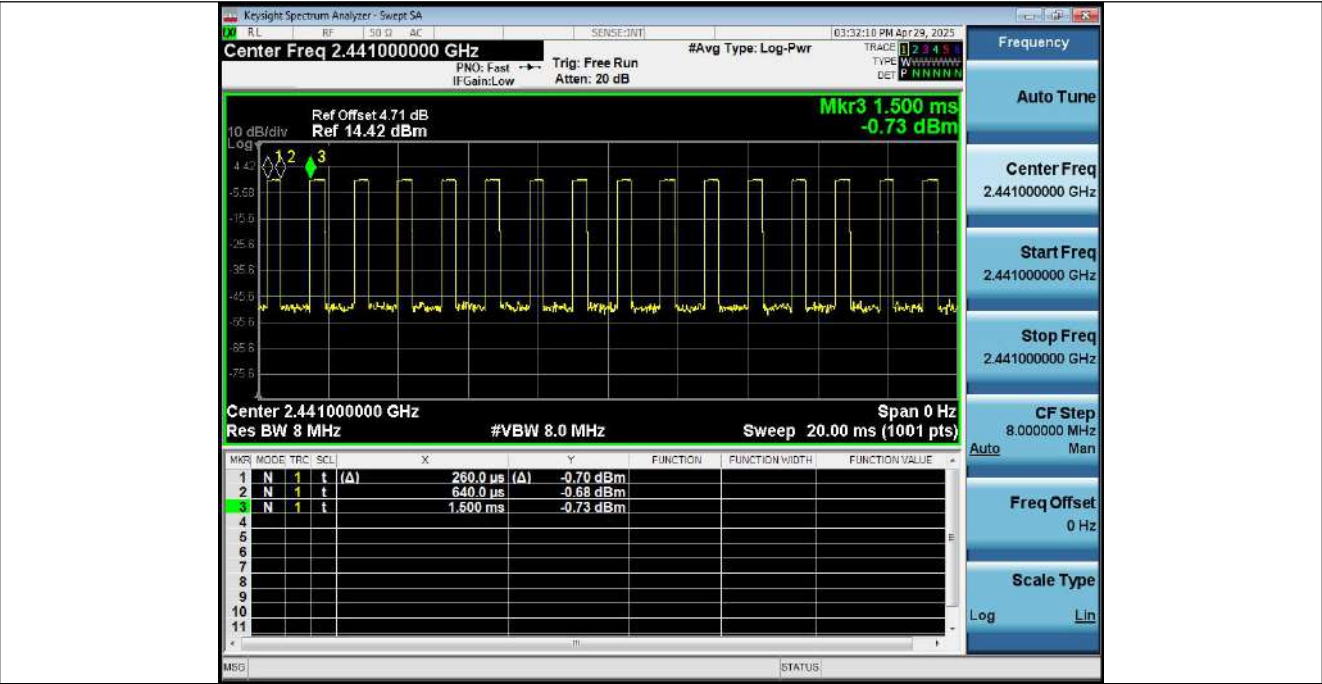
FCC_BT (Part15.247) Test Data

1. Duty Cycle

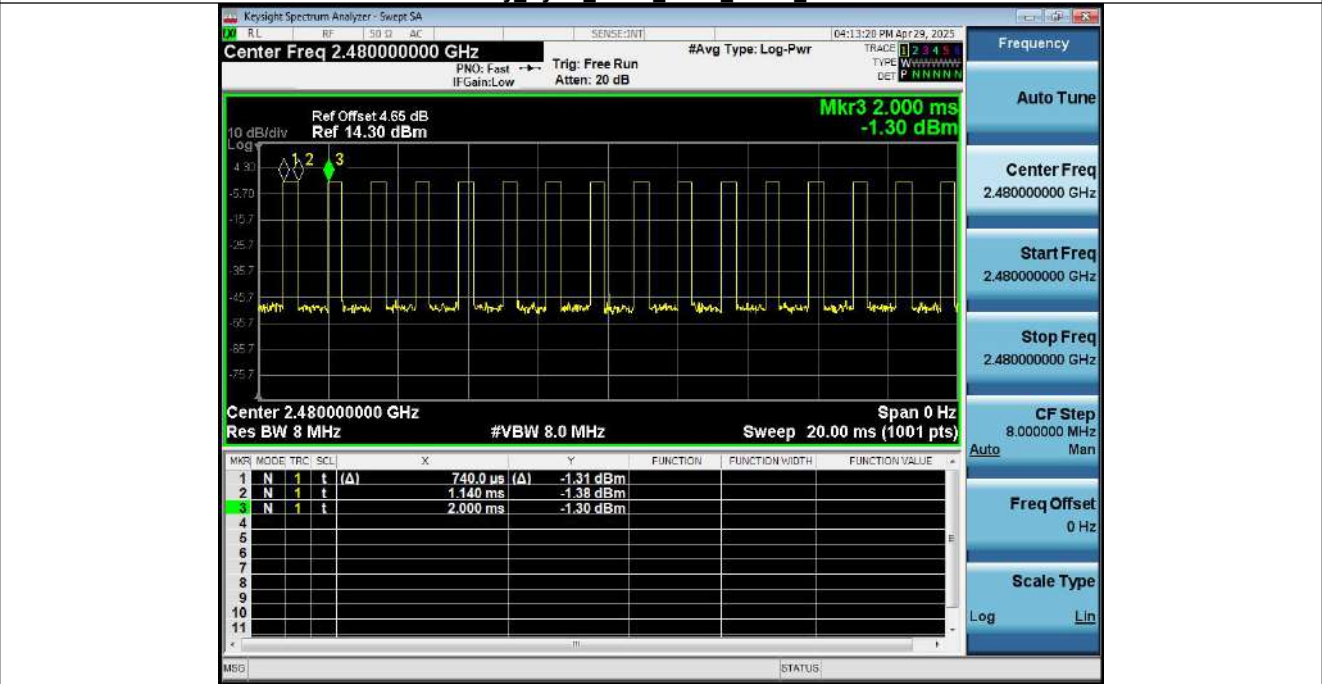
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.16	5.21
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	31.75	4.98
NVNT	ANT1	2-DH1	2402.00	32.26	4.91
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	31.75	4.98
NVNT	ANT1	3-DH1	2402.00	32.26	4.91
NVNT	ANT1	3-DH1	2441.00	32.26	4.91
NVNT	ANT1	3-DH1	2480.00	31.75	4.98



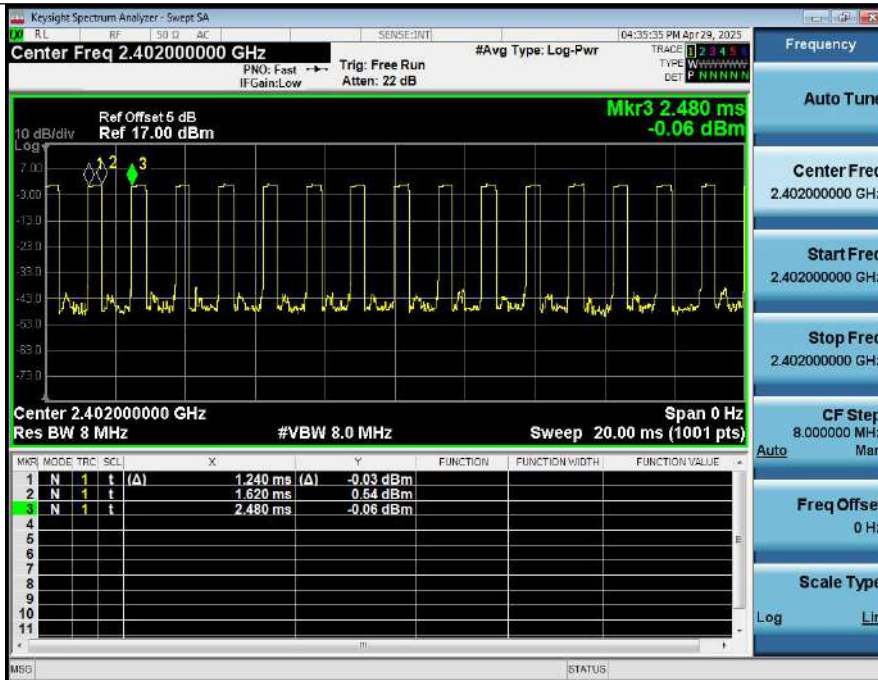
Duty_Cycle_NVNT_ANT1_1-DH1_2441



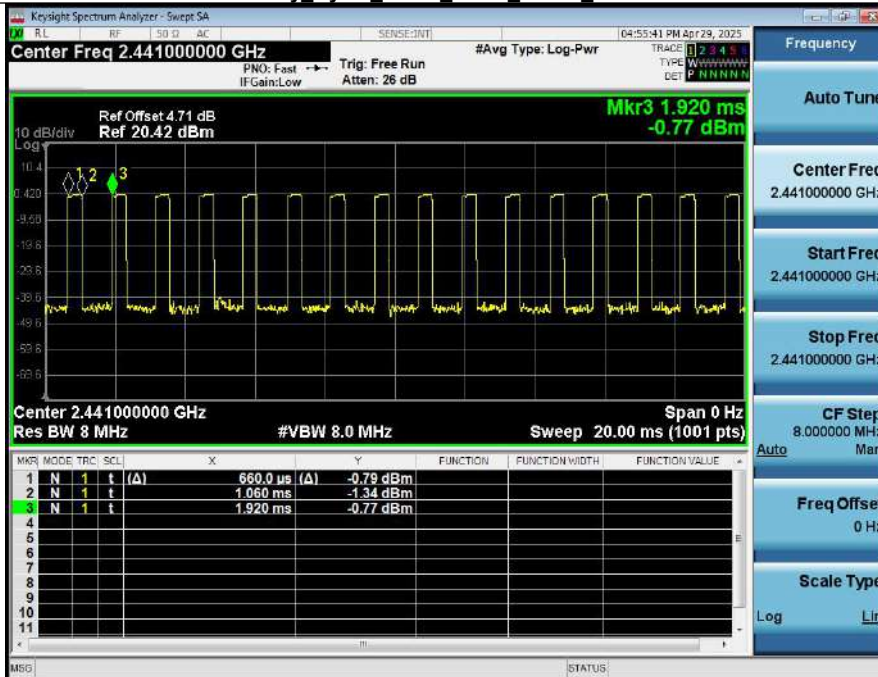
Duty Cycle_NVNT_ANT1 1-DH1_2480



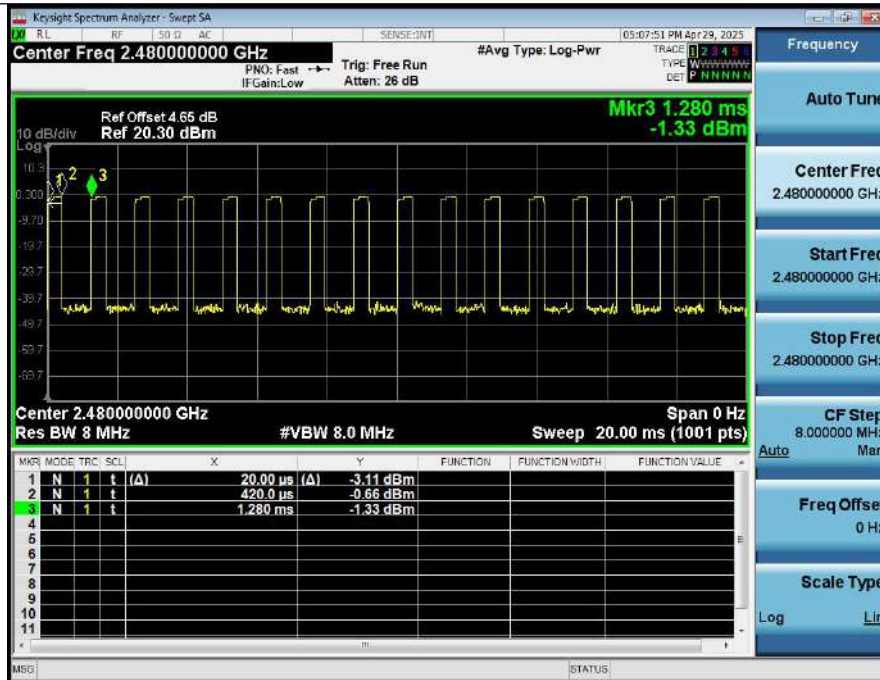
Duty Cycle_NVNT_ANT1 2-DH1_2402



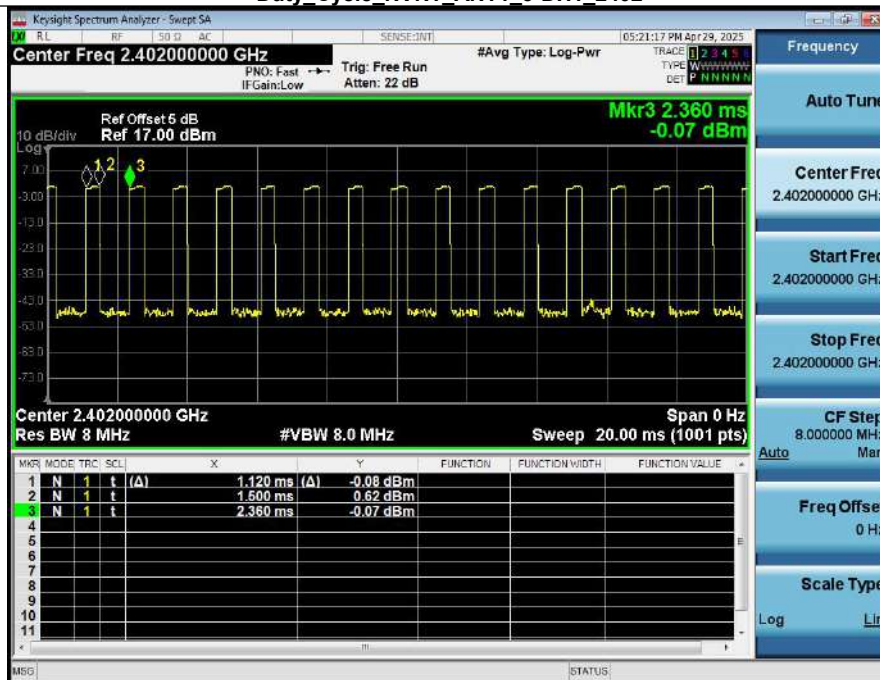
Duty Cycle_NVNT_ANT1_2-DH1_2441



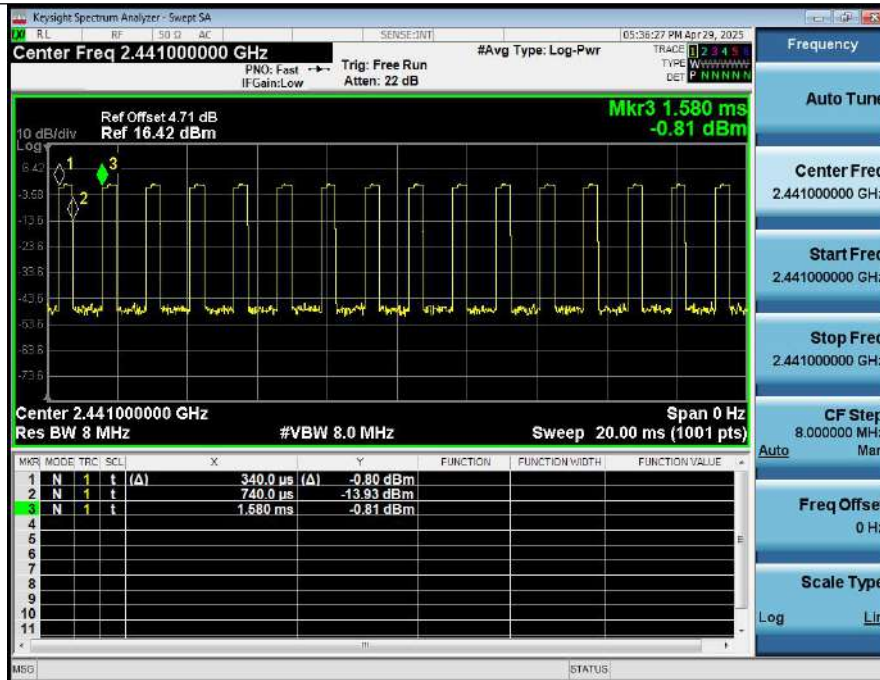
Duty Cycle_NVNT_ANT1_2-DH1_2480



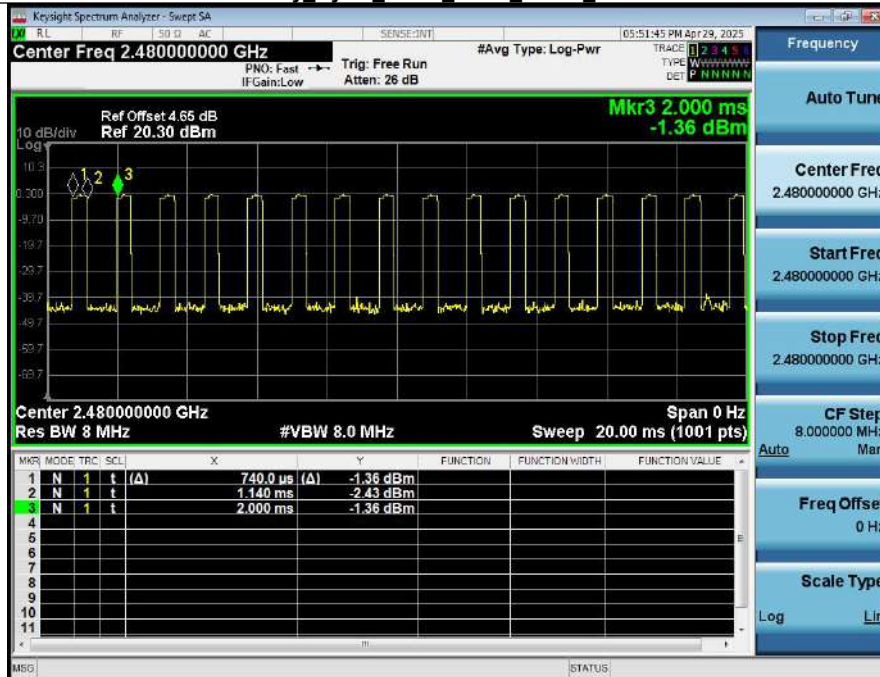
Duty Cycle_NVNT_ANT1_3-DH1_2402



Duty Cycle_NVNT_ANT1_3-DH1_2441



Duty Cycle_NVNT_ANT1 3-DH1 2480



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.879	No
NVNT	ANT1	1-DH1	2441.00	0.920	No
NVNT	ANT1	1-DH1	2480.00	0.925	No
NVNT	ANT1	2-DH1	2402.00	1.272	Yes
NVNT	ANT1	2-DH1	2441.00	1.277	Yes
NVNT	ANT1	2-DH1	2480.00	1.268	Yes
NVNT	ANT1	3-DH1	2402.00	1.225	Yes
NVNT	ANT1	3-DH1	2441.00	1.225	Yes
NVNT	ANT1	3-DH1	2480.00	1.255	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

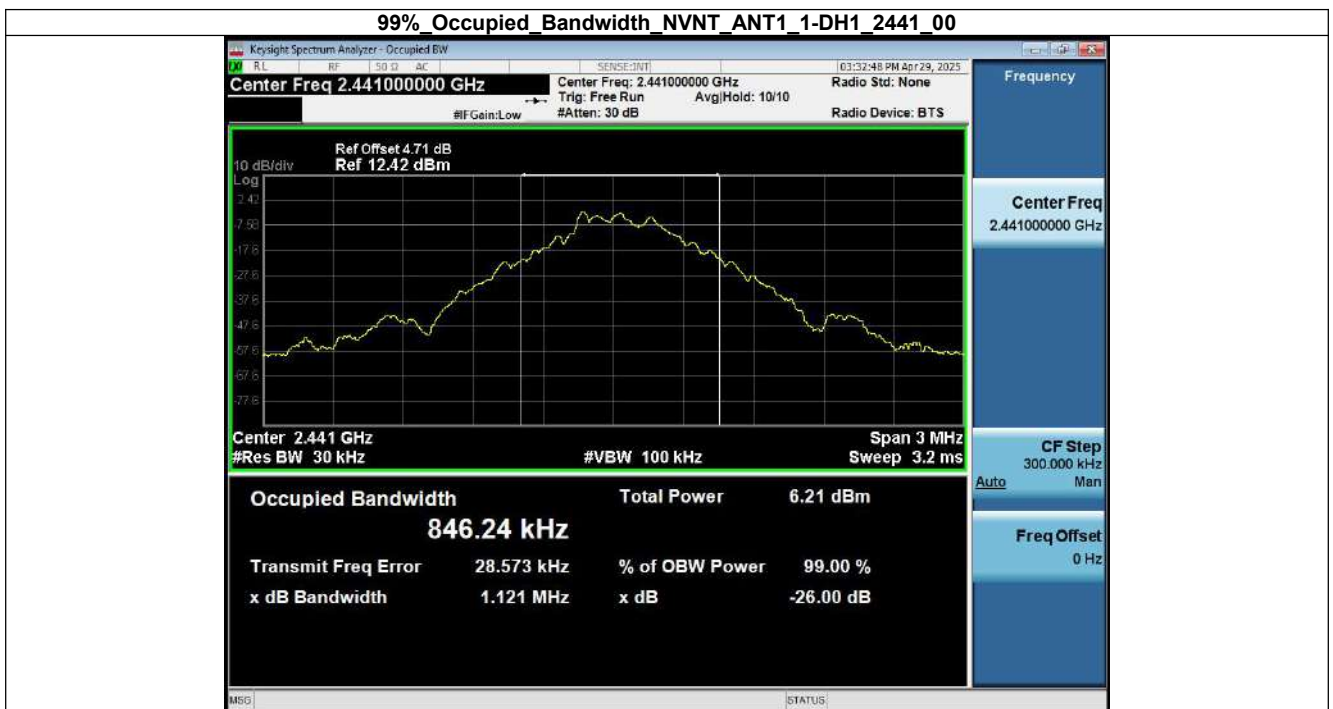


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.837
NVNT	ANT1	1-DH1	2441.00	0.846
NVNT	ANT1	1-DH1	2480.00	0.852
NVNT	ANT1	2-DH1	2402.00	1.172
NVNT	ANT1	2-DH1	2441.00	1.174
NVNT	ANT1	2-DH1	2480.00	1.174
NVNT	ANT1	3-DH1	2402.00	1.149
NVNT	ANT1	3-DH1	2441.00	1.155
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



4. 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	-0.12	0.97	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.71	0.85	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-1.26	0.75	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.65	1.16	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.04	1.01	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.54	0.88	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.15	1.30	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.56	1.14	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.05	1.01	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



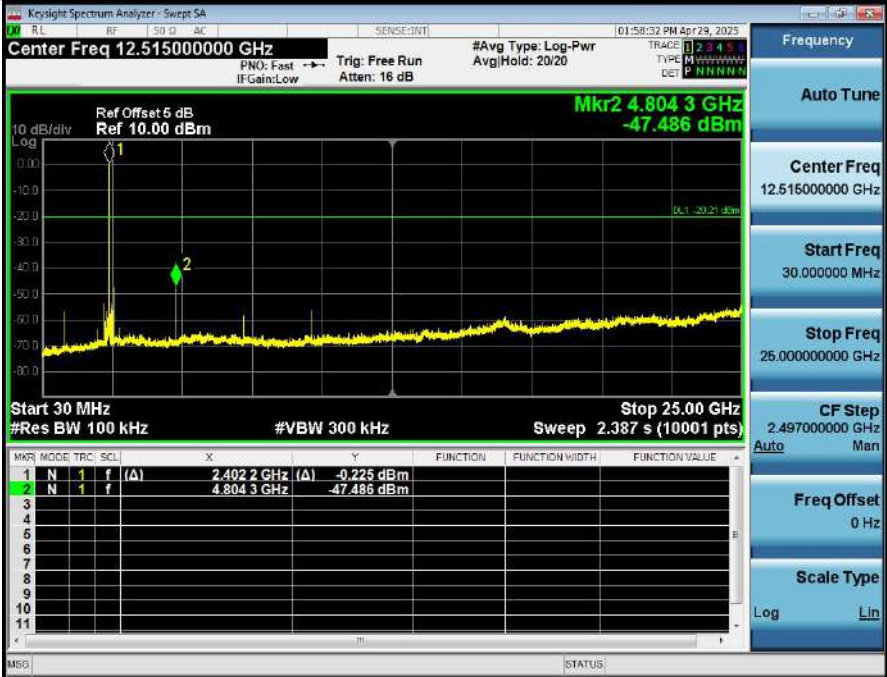
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.214	-47.486	-20.214	Pass
NVNT	ANT1	1-DH1	2441.00	-0.842	-48.937	-20.842	Pass
NVNT	ANT1	1-DH1	2480.00	-1.367	-47.811	-21.367	Pass
NVNT	ANT1	2-DH1	2402.00	-0.209	-46.104	-20.209	Pass
NVNT	ANT1	2-DH1	2441.00	-0.889	-49.261	-20.889	Pass
NVNT	ANT1	2-DH1	2480.00	-1.422	-48.956	-21.422	Pass
NVNT	ANT1	3-DH1	2402.00	-0.247	-46.850	-20.247	Pass
NVNT	ANT1	3-DH1	2441.00	-0.925	-48.894	-20.925	Pass
NVNT	ANT1	3-DH1	2480.00	-1.451	-48.904	-21.451	Pass

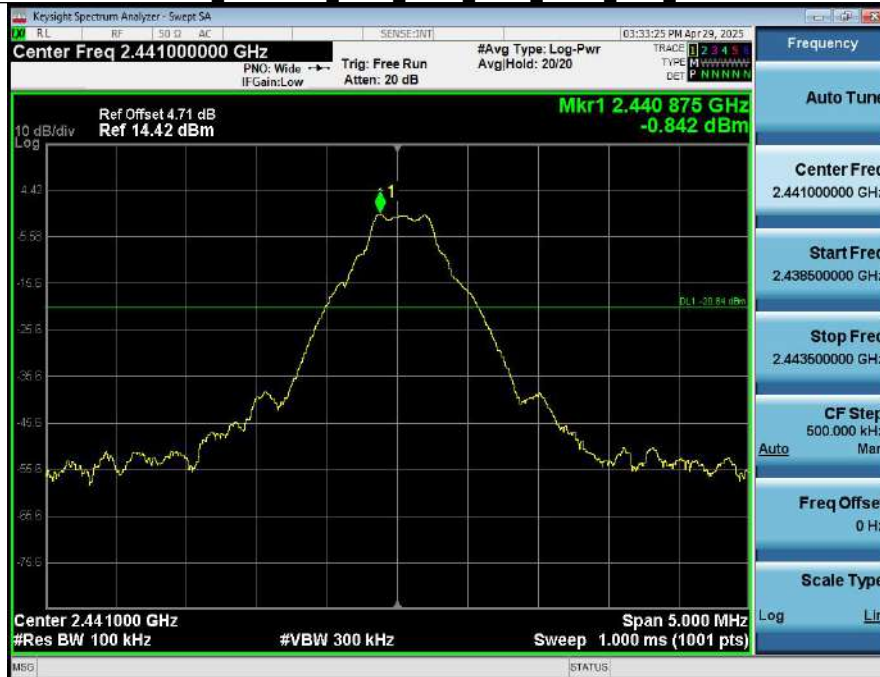
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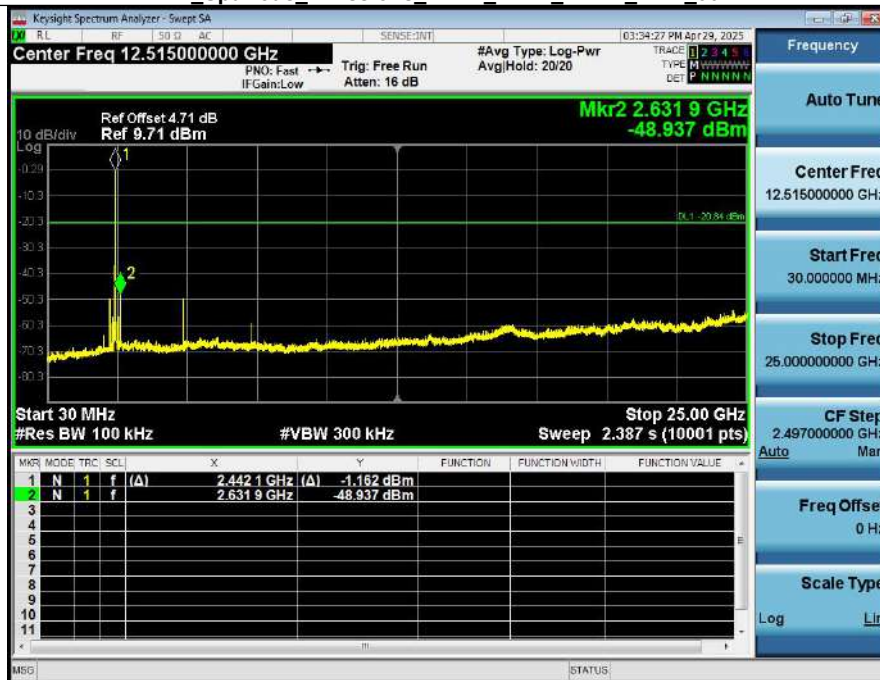
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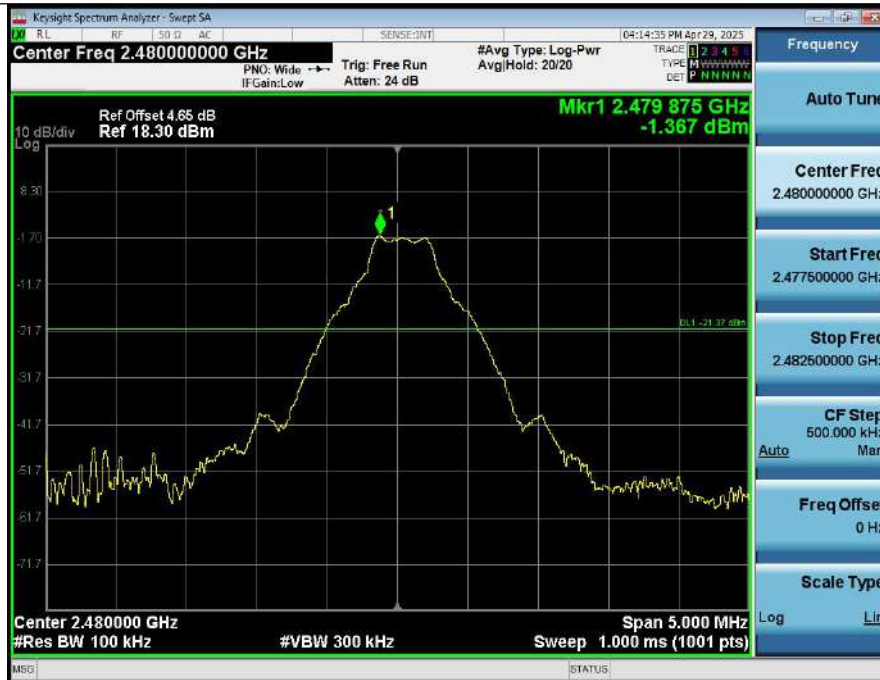
1 Reference Level NVNT ANT1 1-DH1 2441_00



2 Spurious Emissions NVNT ANT1 1-DH1 2441_00



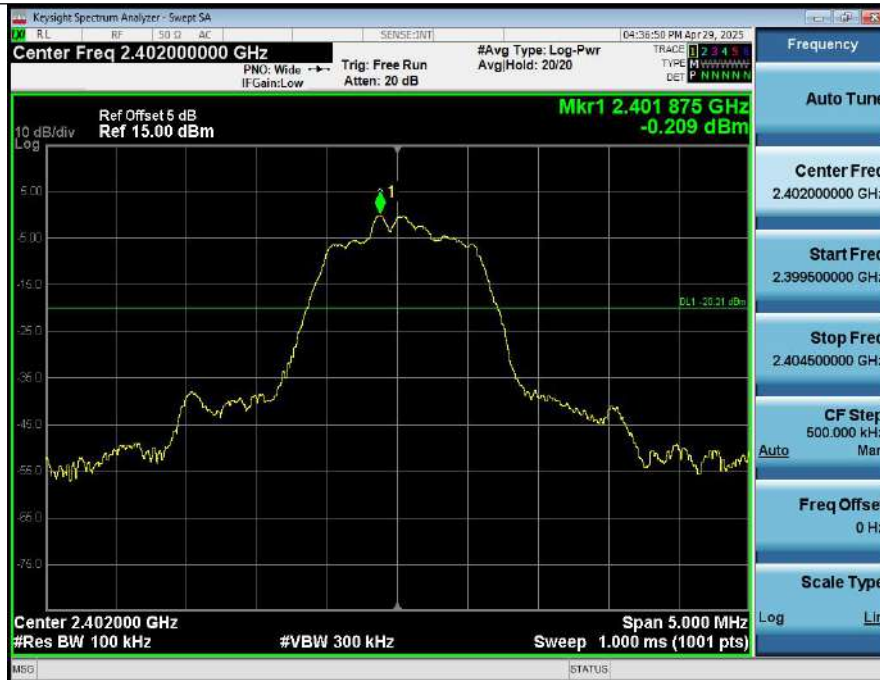
1 Reference Level NVNT ANT1 1-DH1 2480_00



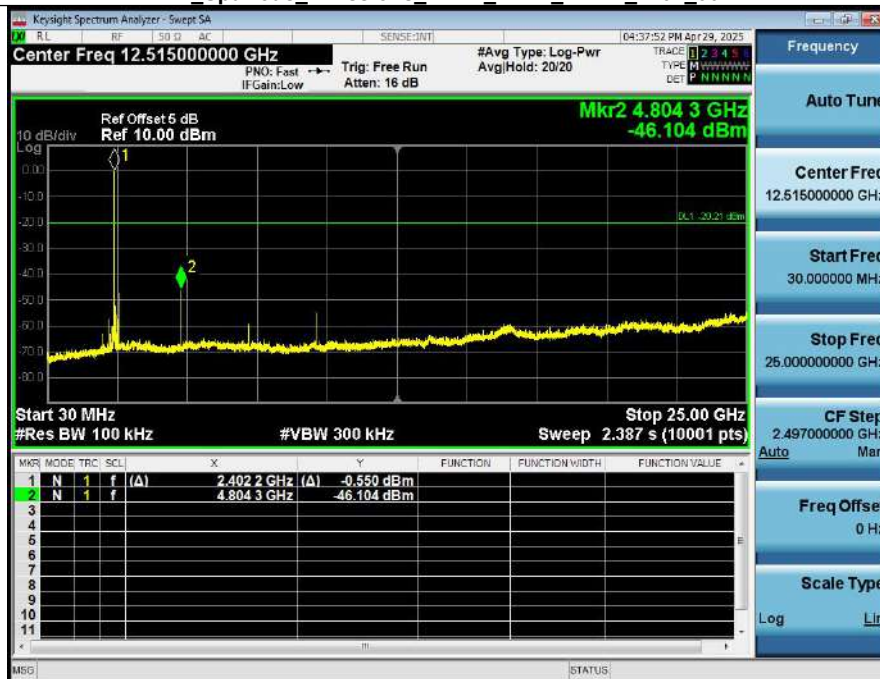
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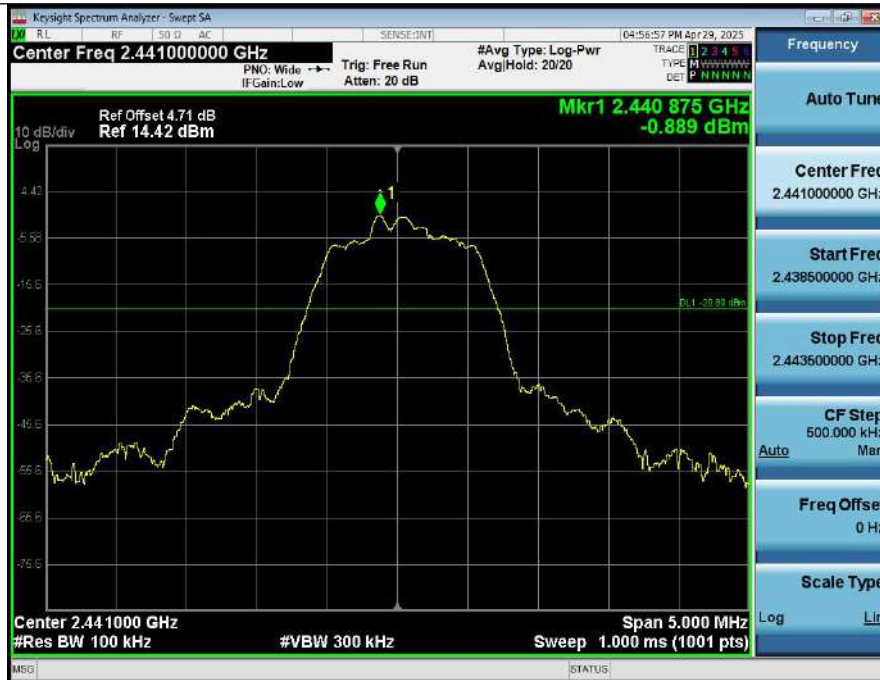
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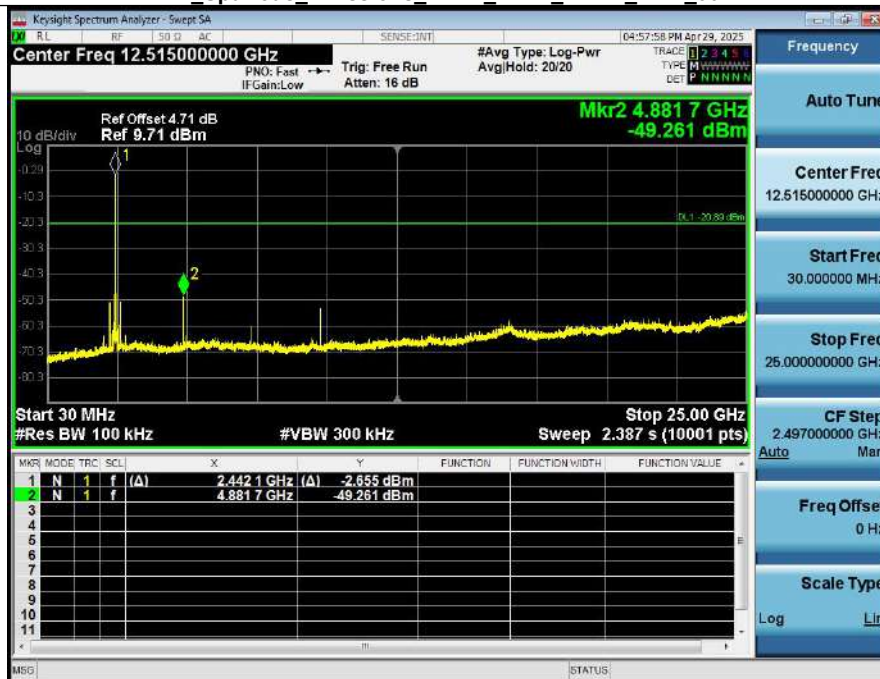
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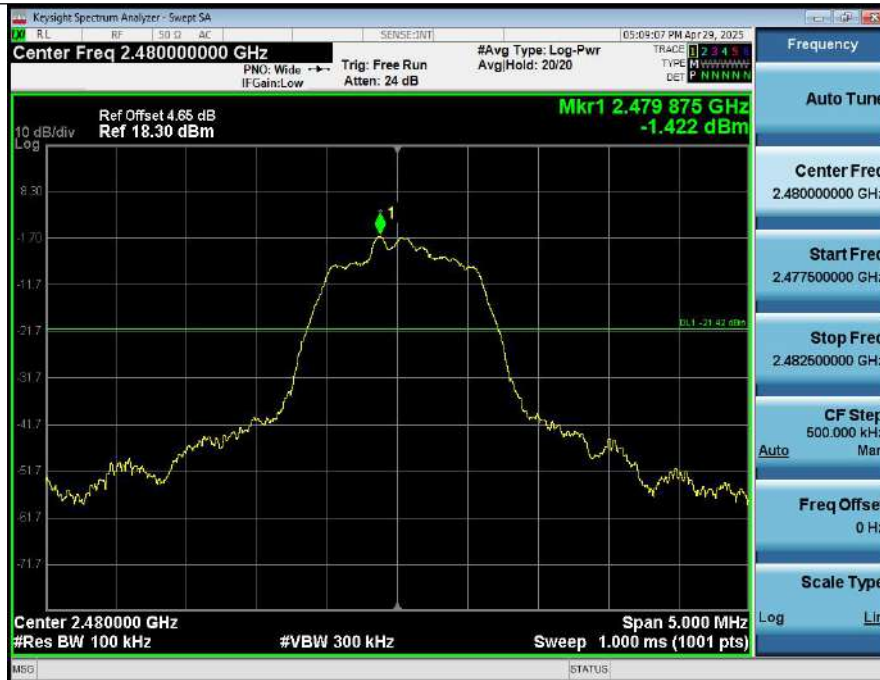
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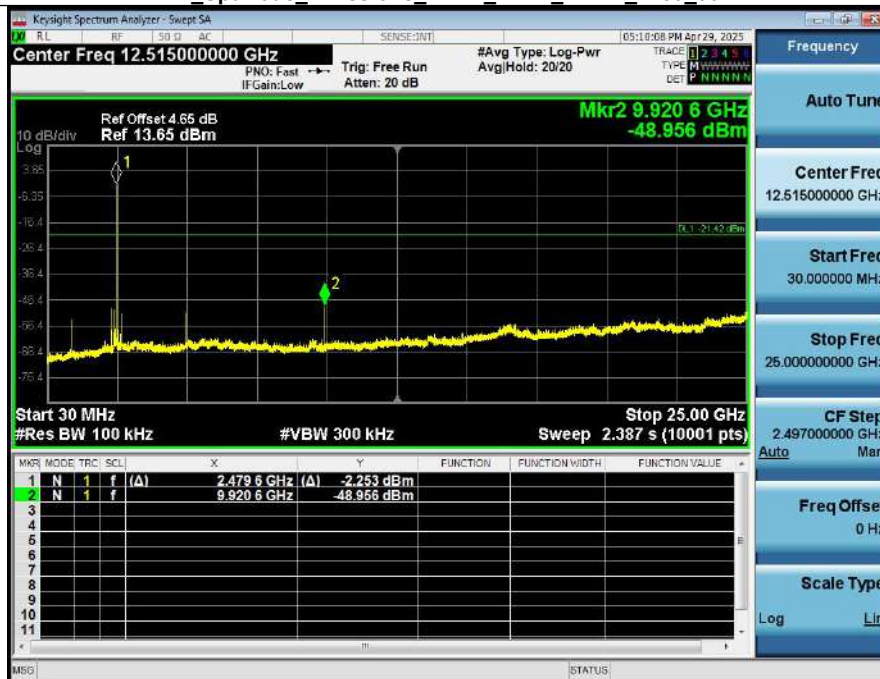
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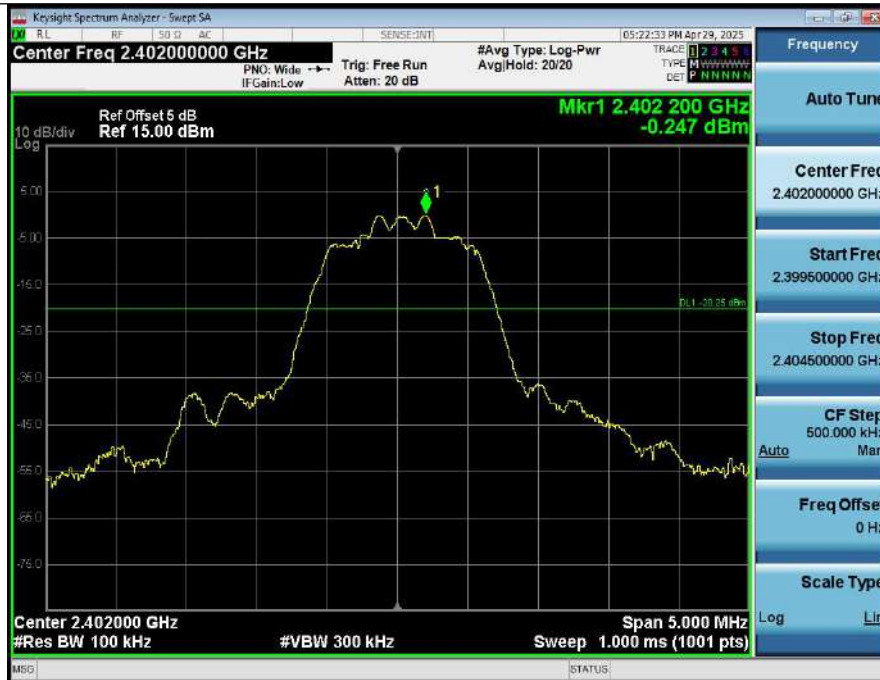
1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



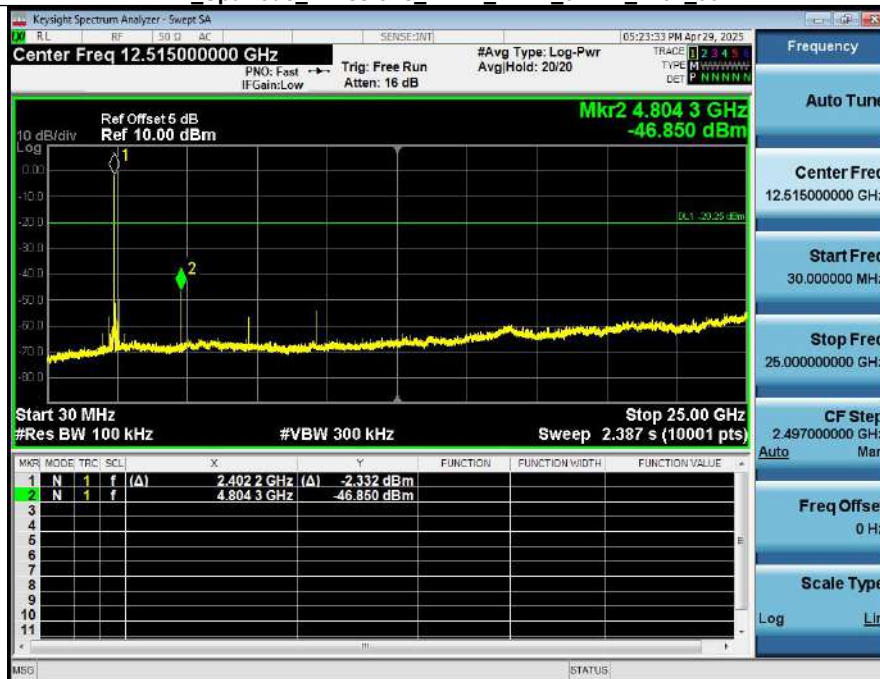
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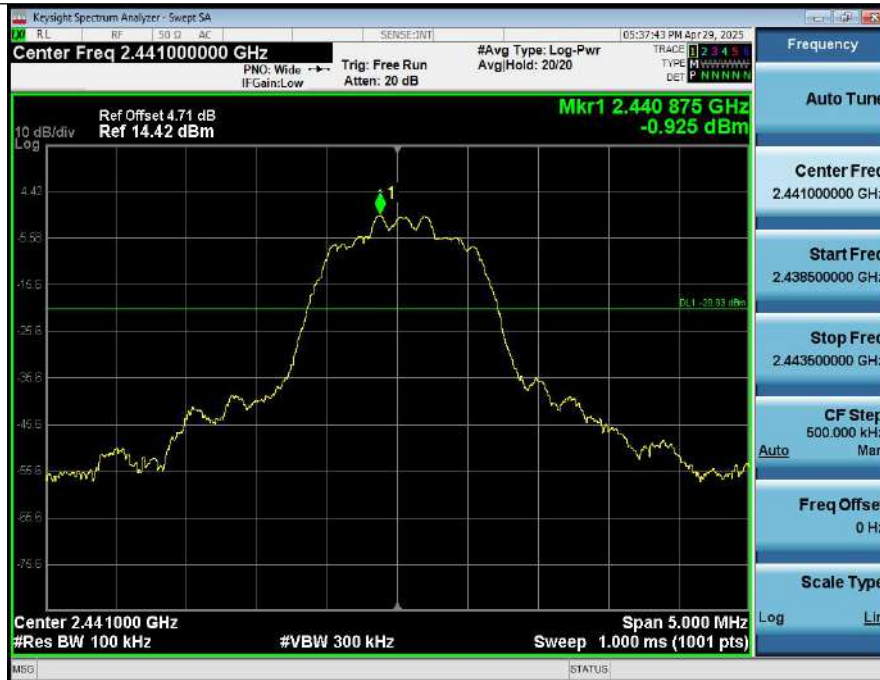
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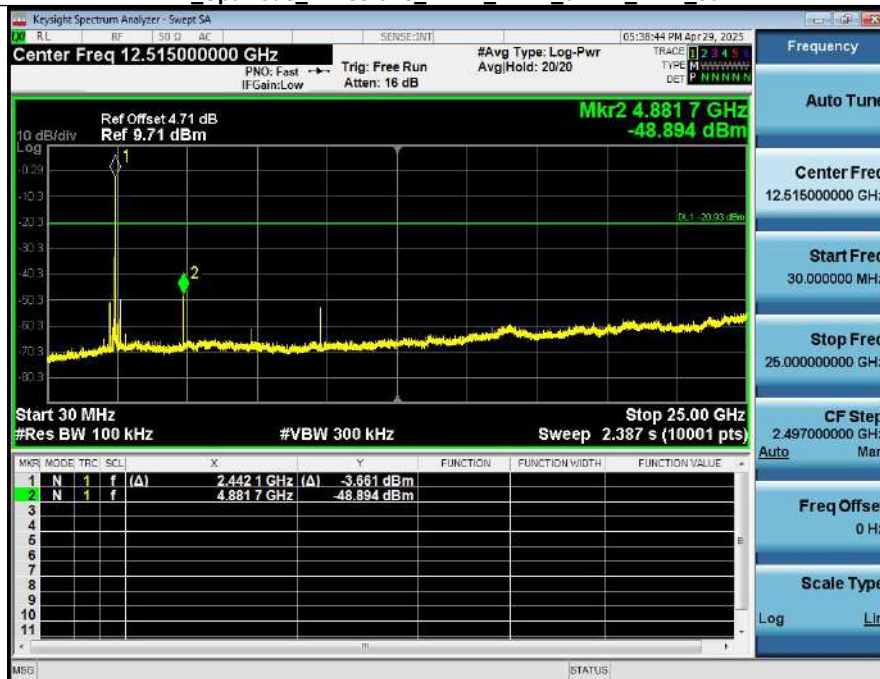
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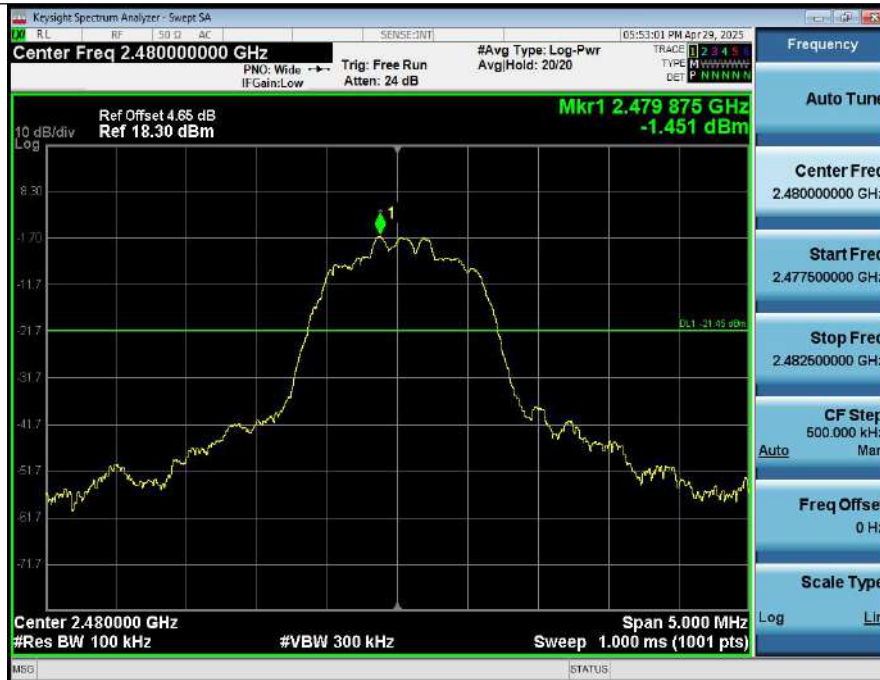
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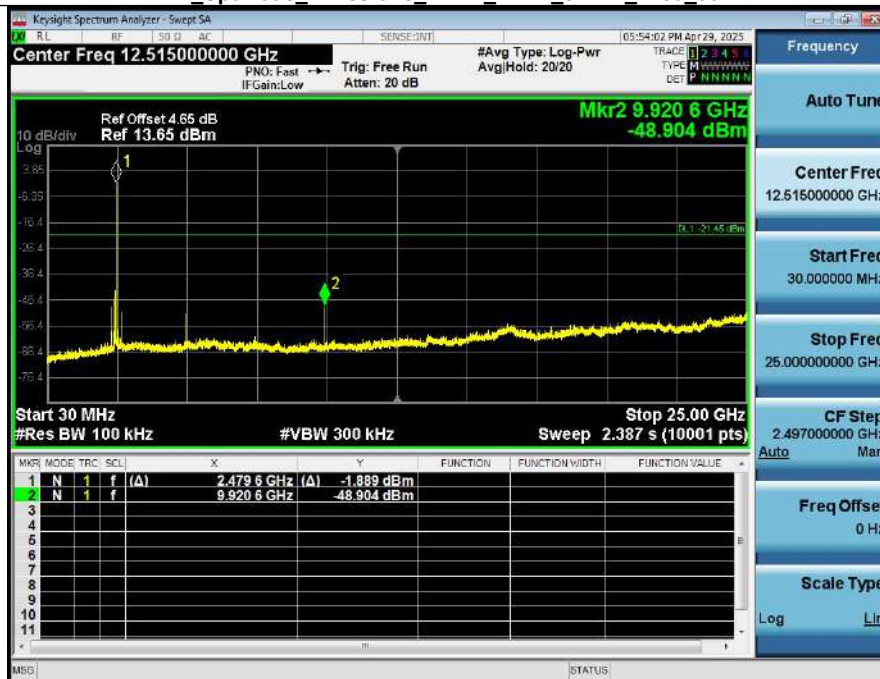
2 Spurious Emissions NVNT_ANT1_3-DH1_2441_00



1 Reference Level NVNT_ANT1_3-DH1_2480_00



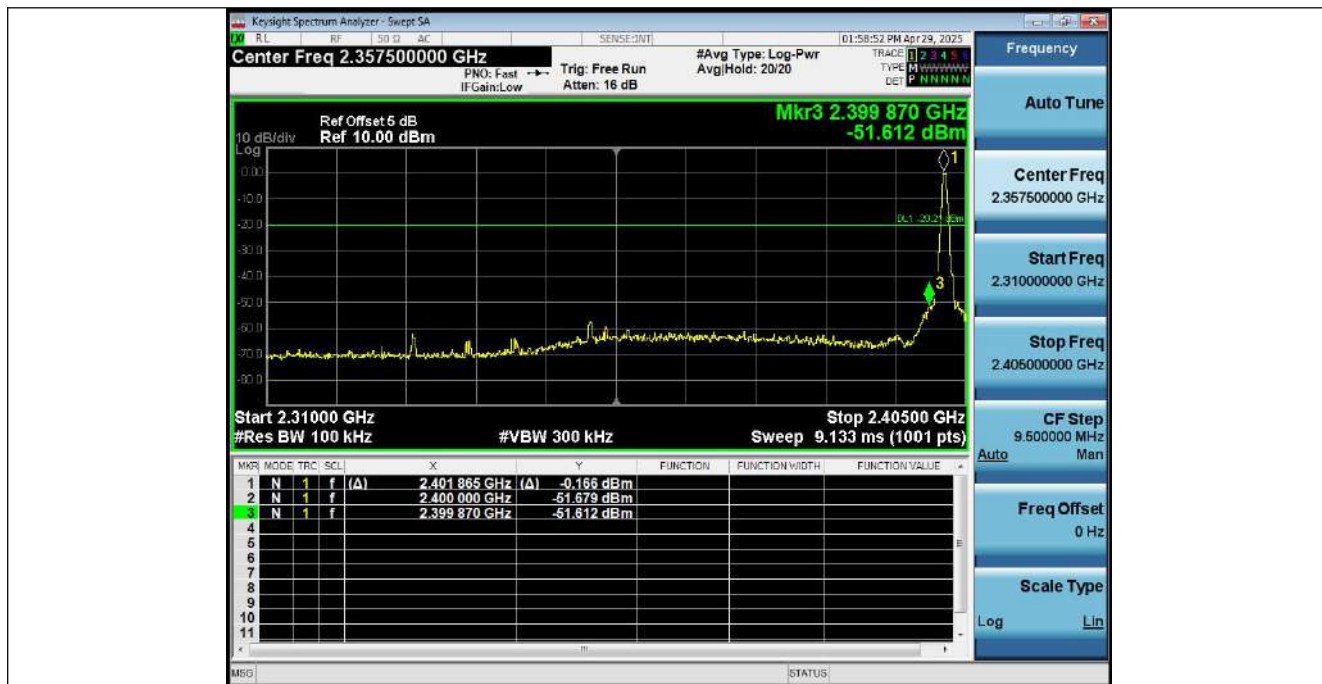
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.214	-51.612	-20.214	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.152	-52.178	-20.152	Pass
NVNT	ANT1	1-DH1	2480.00	-1.367	-61.419	-21.367	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.503	-56.840	-20.503	Pass
NVNT	ANT1	2-DH1	2402.00	-0.209	-50.882	-20.209	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.178	-51.527	-20.178	Pass
NVNT	ANT1	2-DH1	2480.00	-1.422	-62.230	-21.422	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.593	-56.591	-20.593	Pass
NVNT	ANT1	3-DH1	2402.00	-0.247	-49.410	-20.247	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.209	-49.124	-20.209	Pass
NVNT	ANT1	3-DH1	2480.00	-1.451	-61.762	-21.451	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.488	-56.442	-20.488	Pass

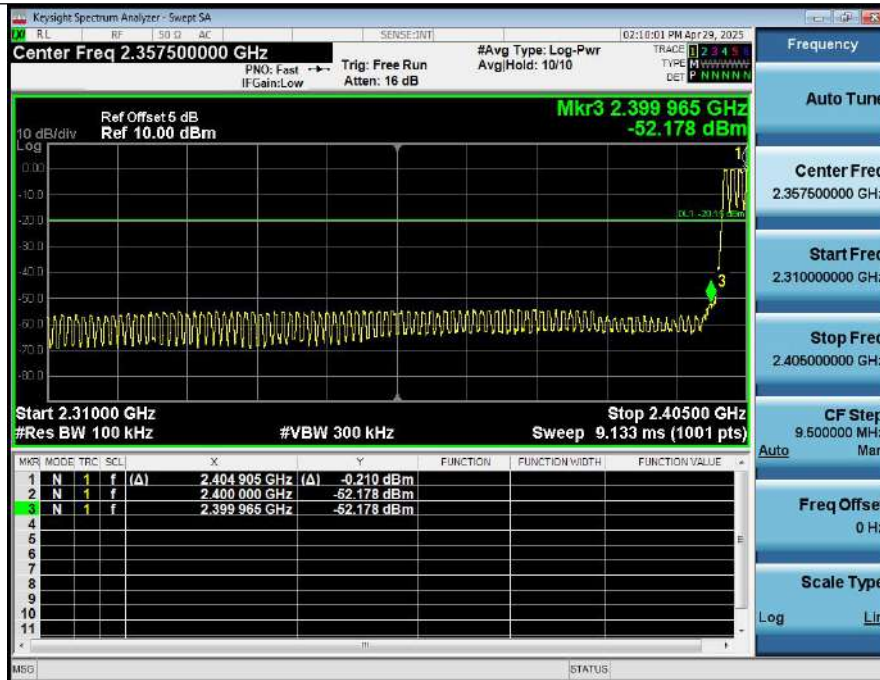




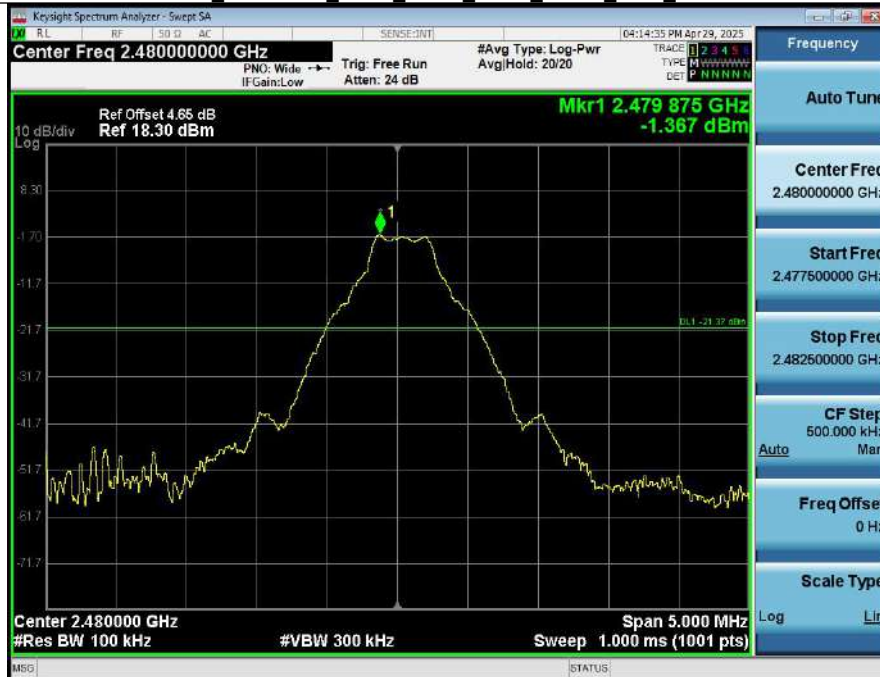
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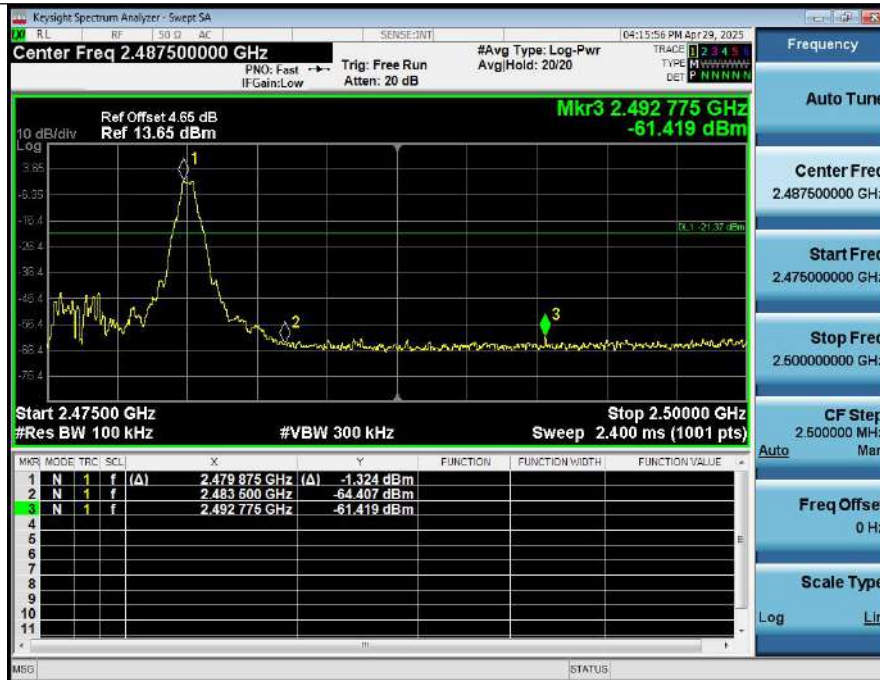
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



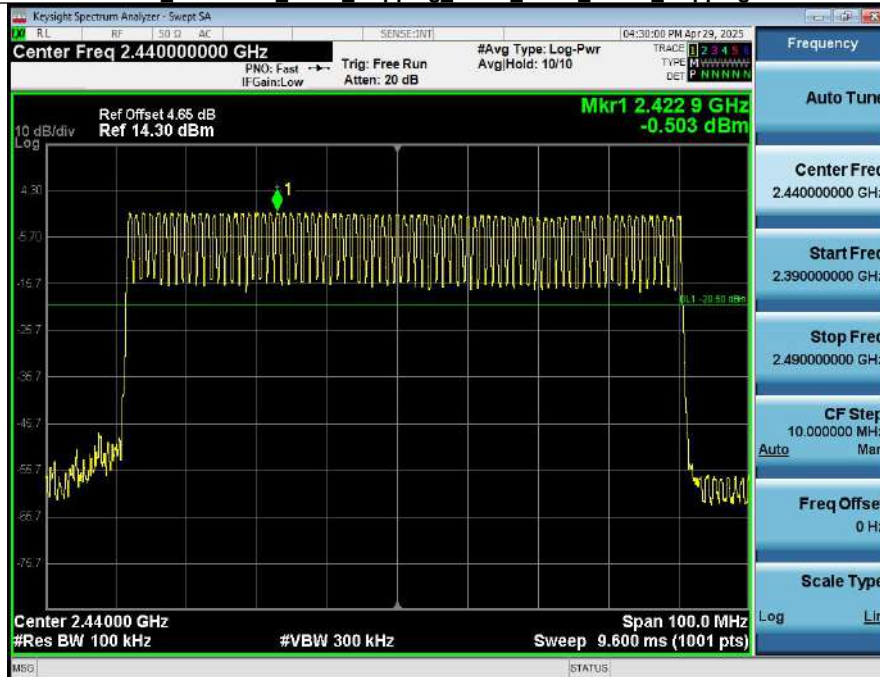
1 Reference Level NVNT ANT1 1-DH1 2480 00



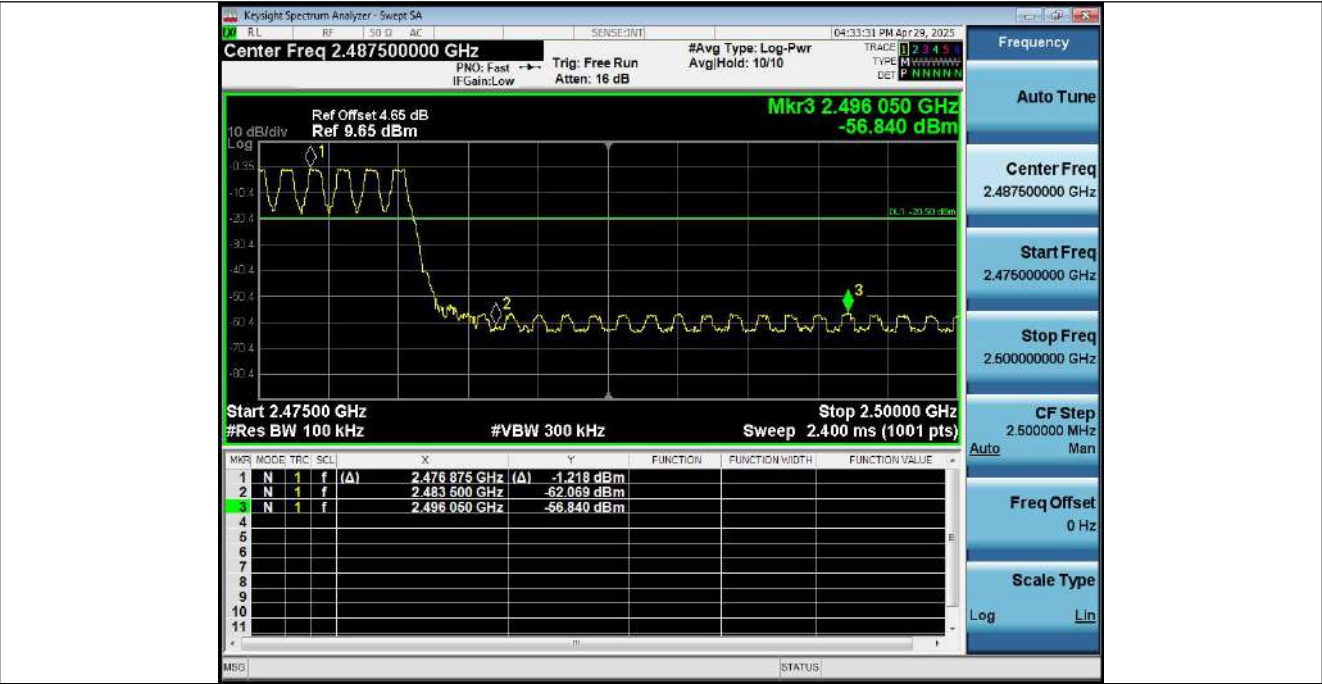
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



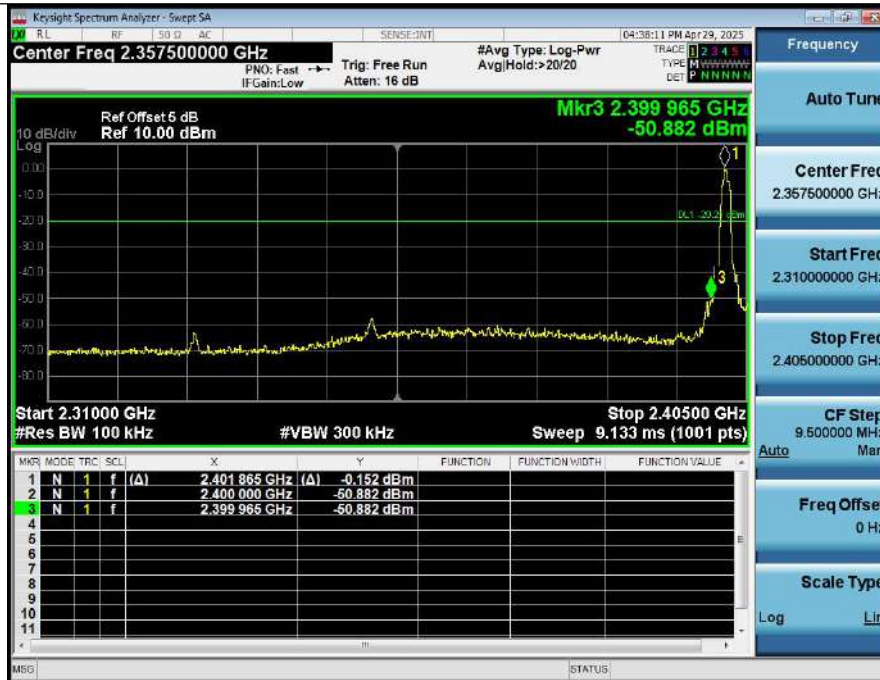
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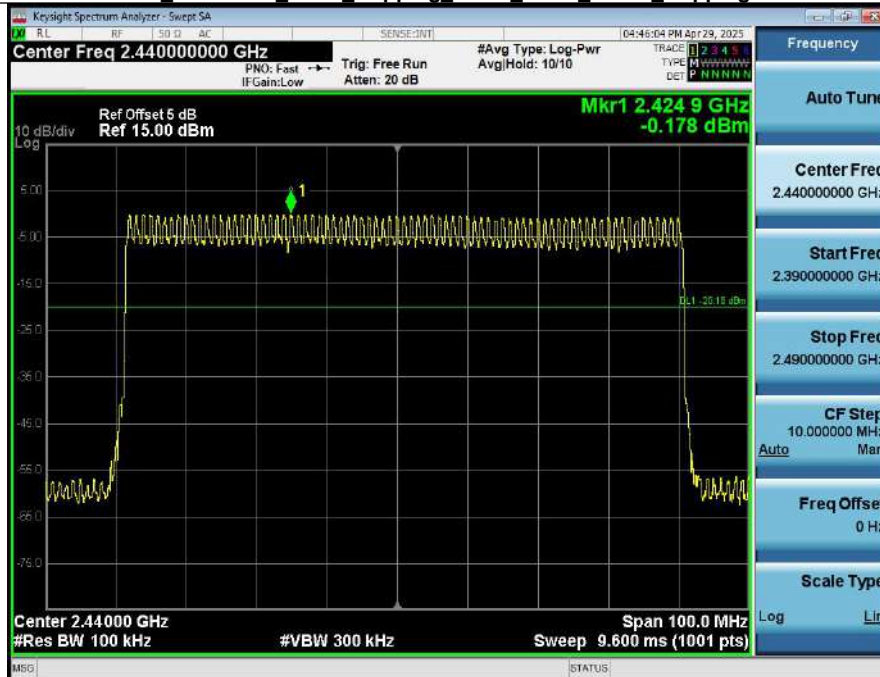
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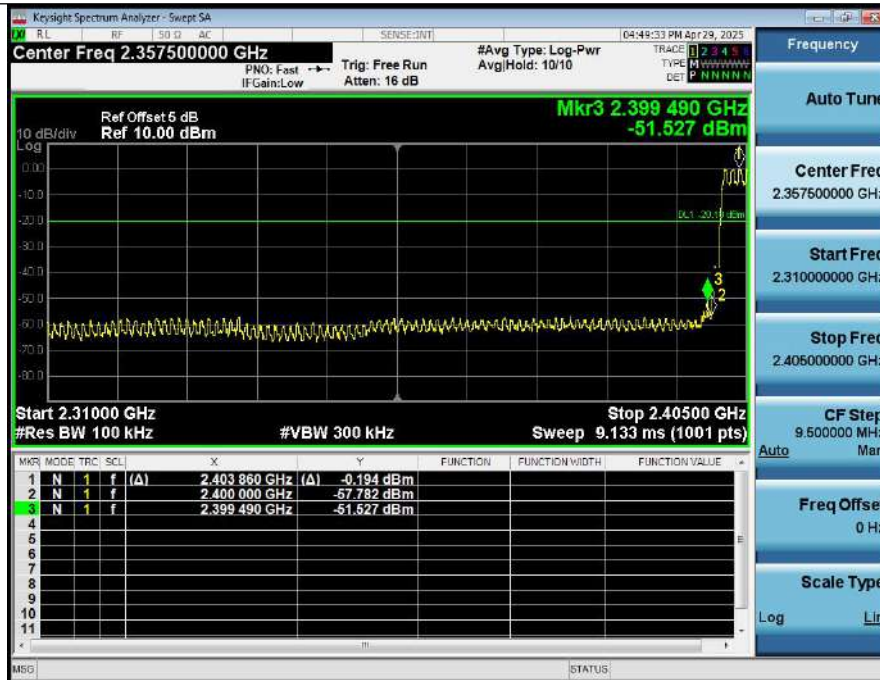
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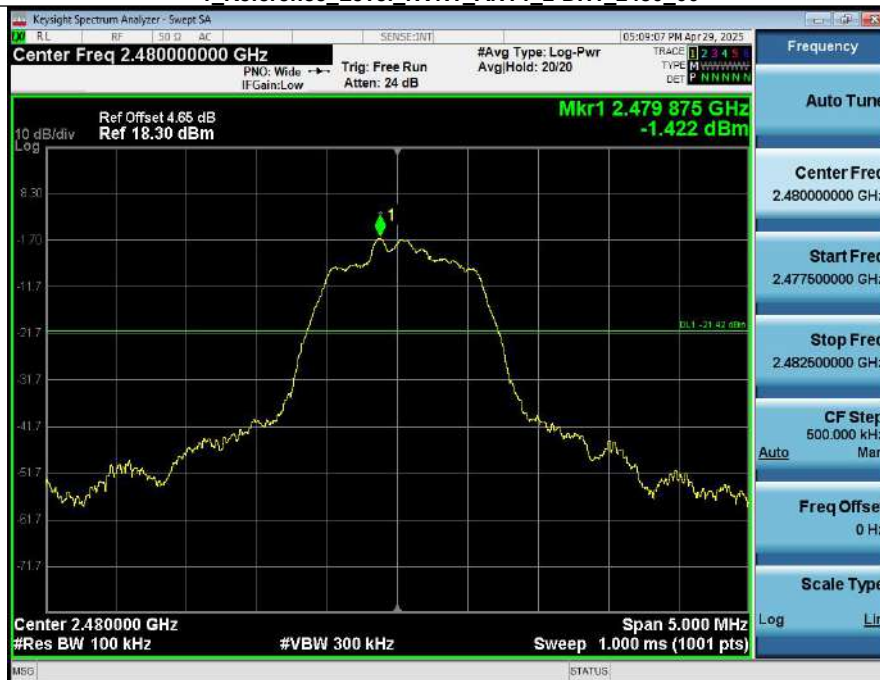
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



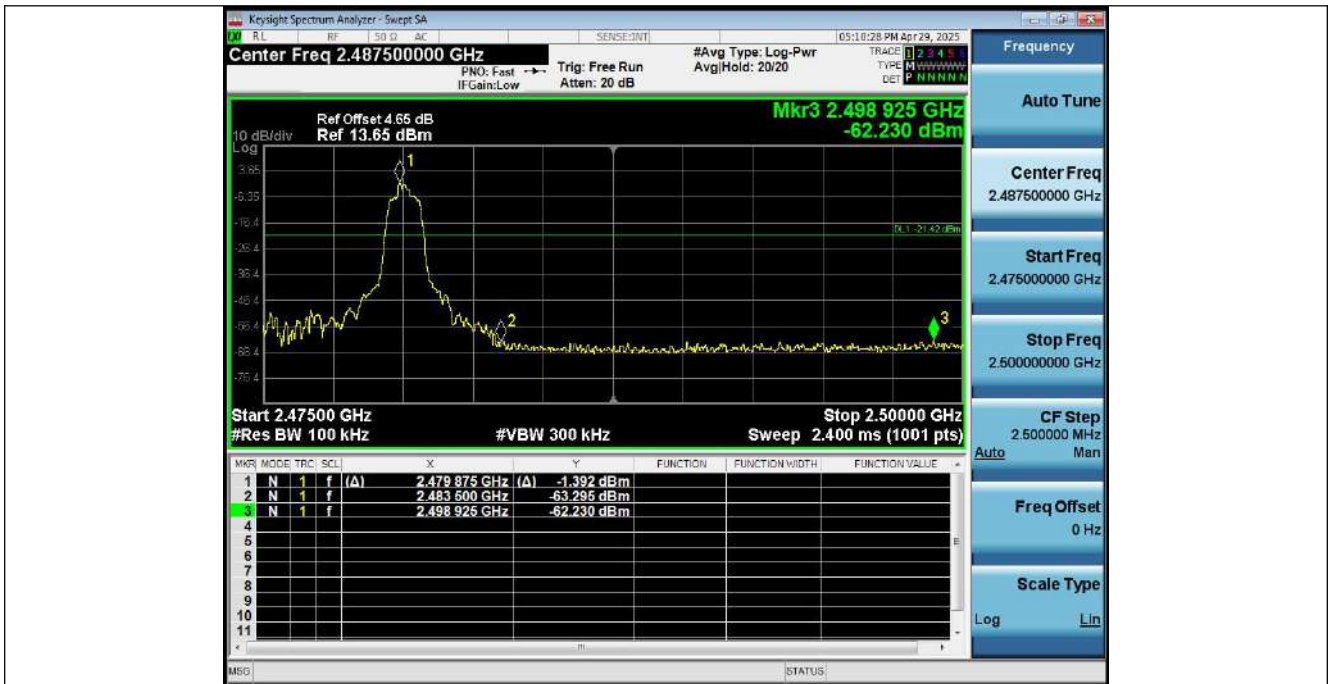
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



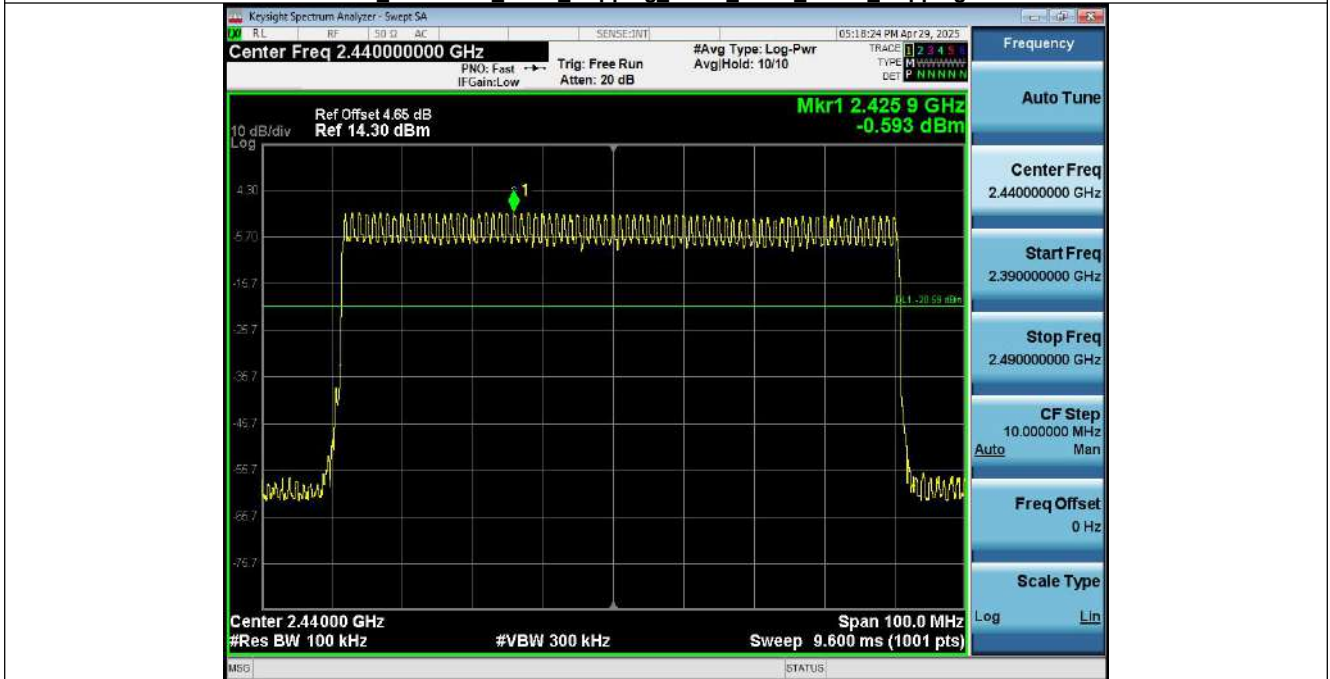
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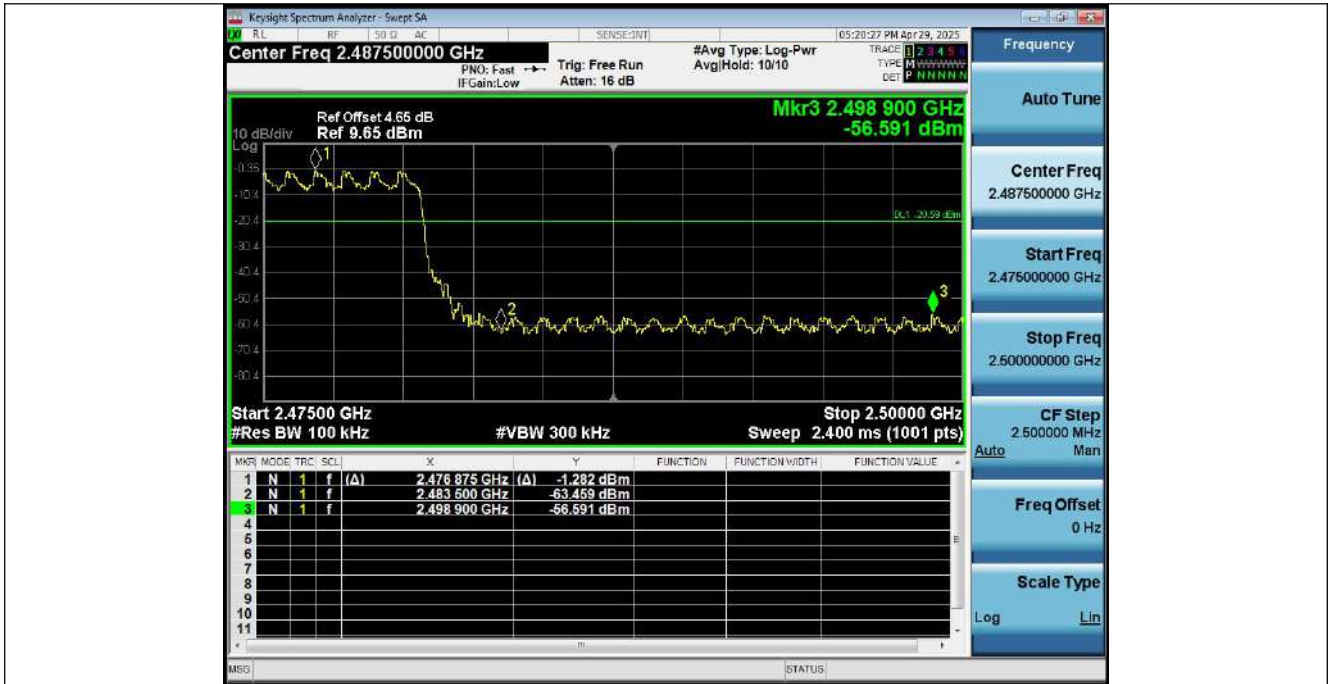
2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



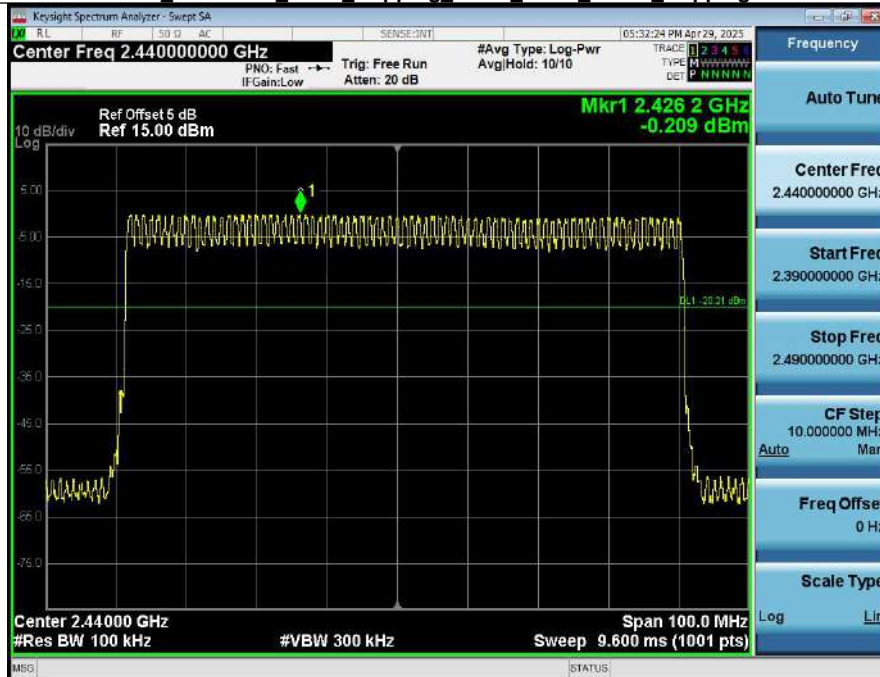
1 Reference Level NVNT ANT1 3-DH1 2402 00



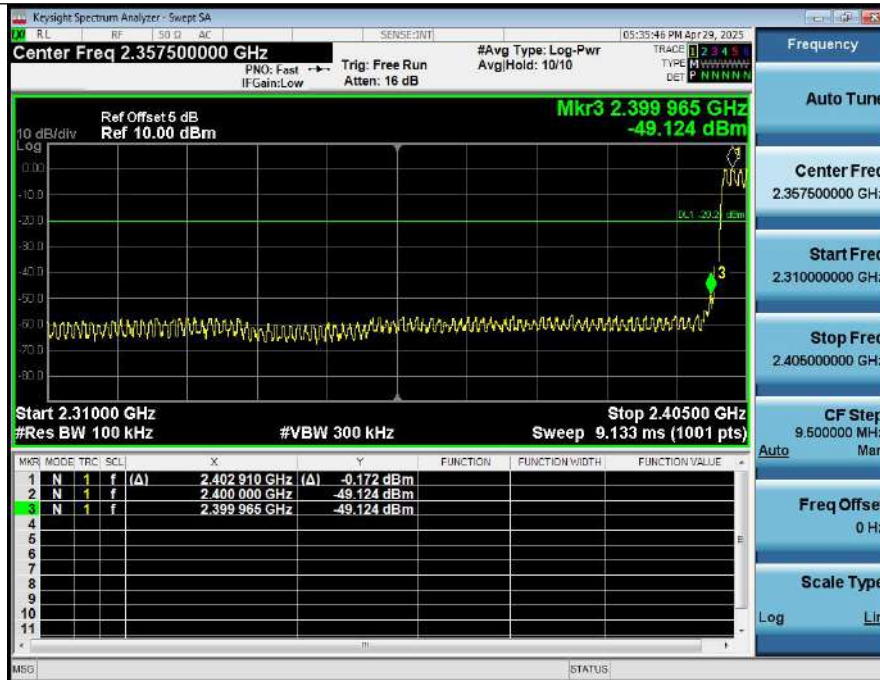
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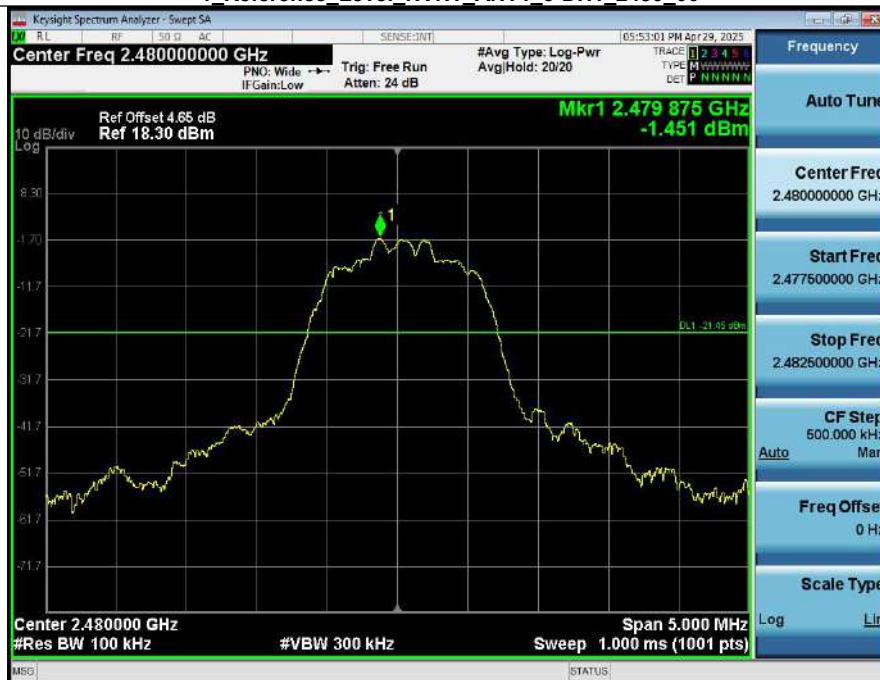
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



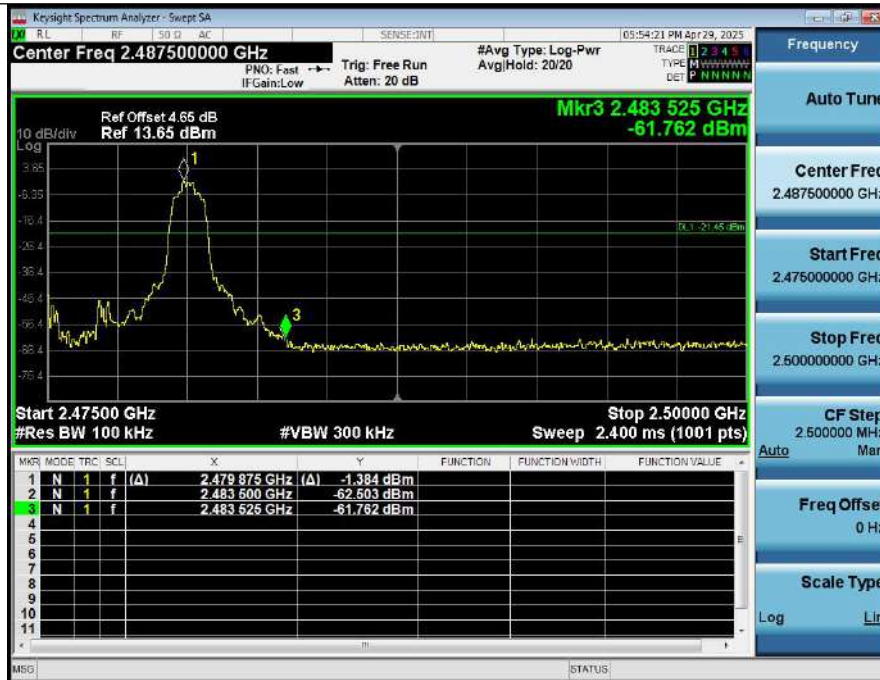
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



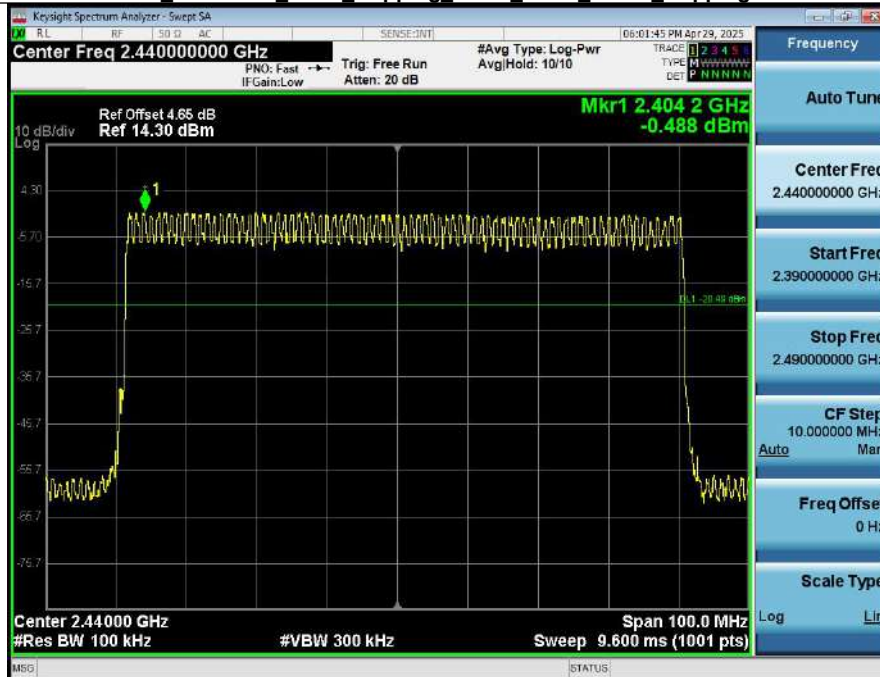
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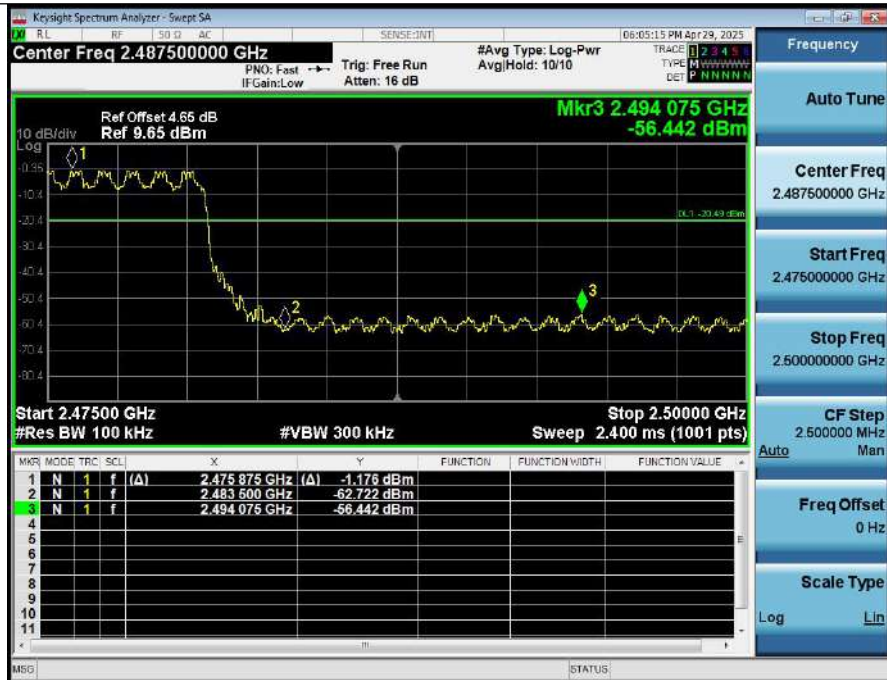
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



7. 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	2401.882	2402.863	0.98	0.879	Pass
NVNT	ANT1	1-DH1	2441.00	2440.882	2441.875	0.99	0.920	Pass
NVNT	ANT1	1-DH1	2480.00	2478.879	2479.881	1.00	0.925	Pass
NVNT	ANT1	2-DH1	2402.00	2402.035	2403.055	1.02	0.848	Pass
NVNT	ANT1	2-DH1	2441.00	2440.876	2441.875	1.00	0.851	Pass
NVNT	ANT1	2-DH1	2480.00	2478.882	2479.875	0.99	0.845	Pass
NVNT	ANT1	3-DH1	2402.00	2402.050	2402.875	0.82	0.817	Pass
NVNT	ANT1	3-DH1	2441.00	2440.876	2441.866	0.99	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2478.879	2479.875	1.00	0.837	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

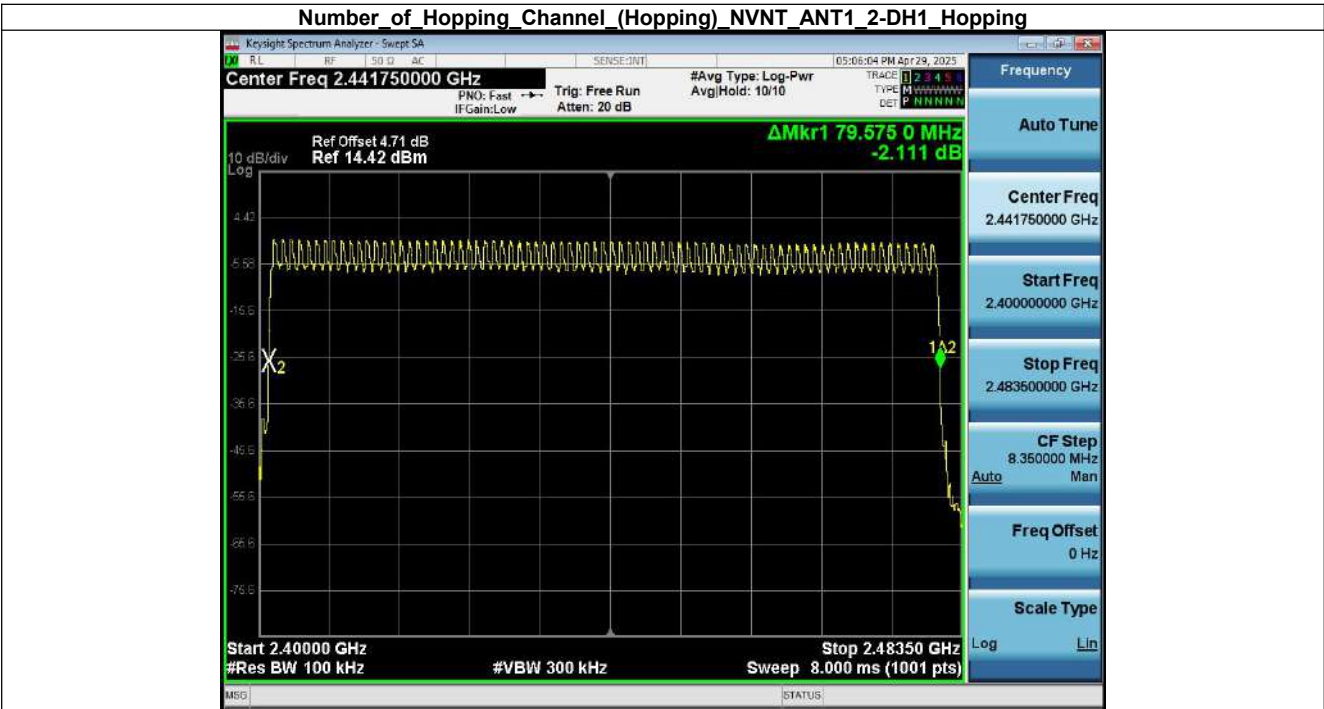
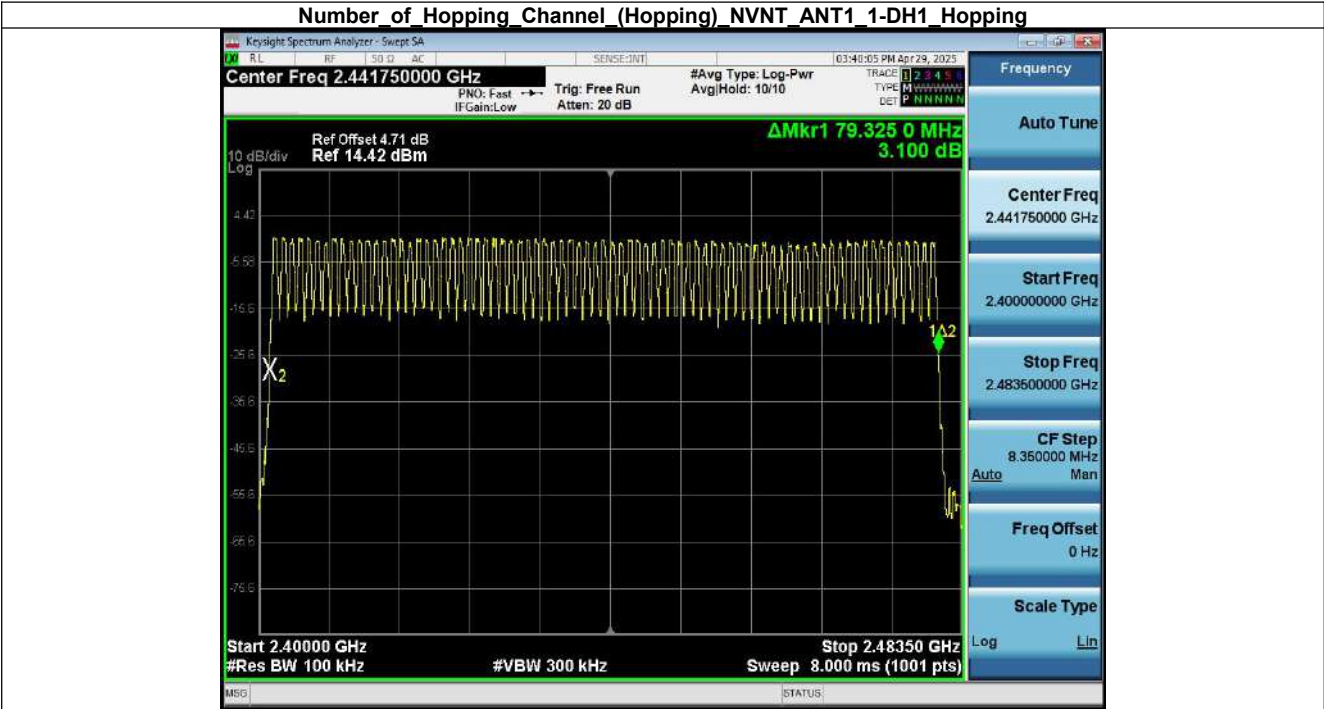


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

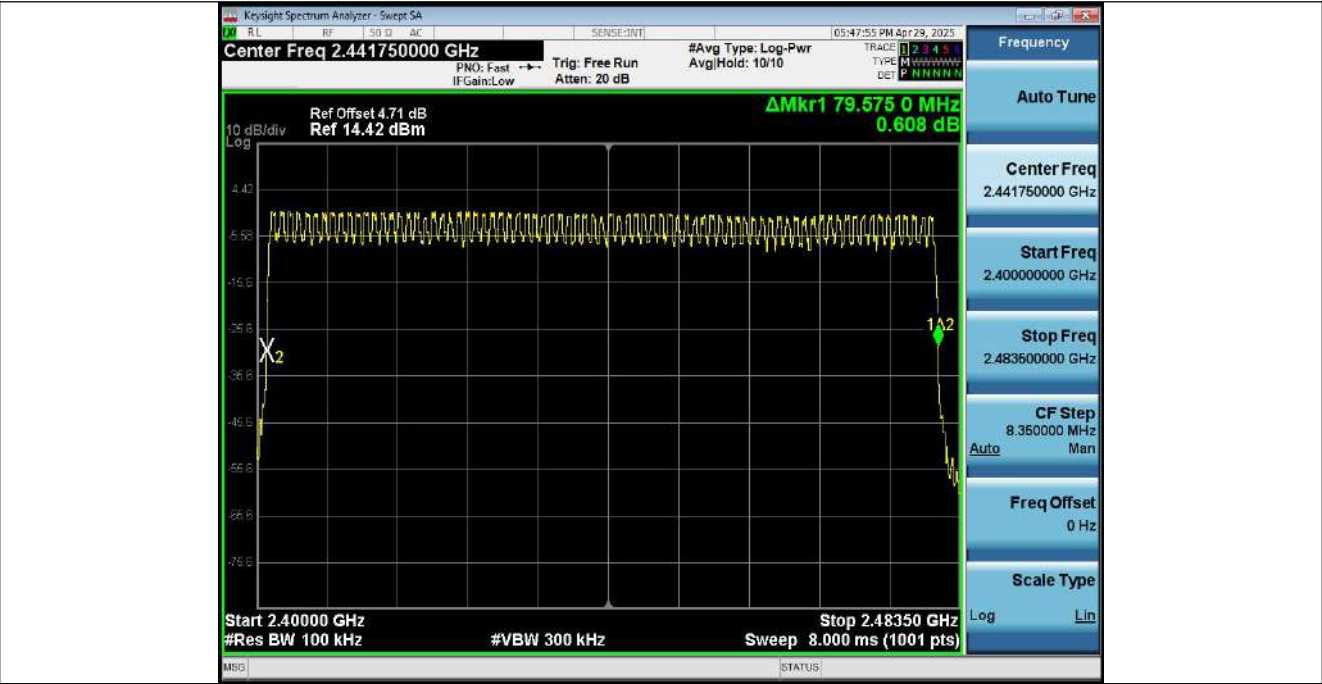


8. Number of Hopping Channel (Hopping)

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

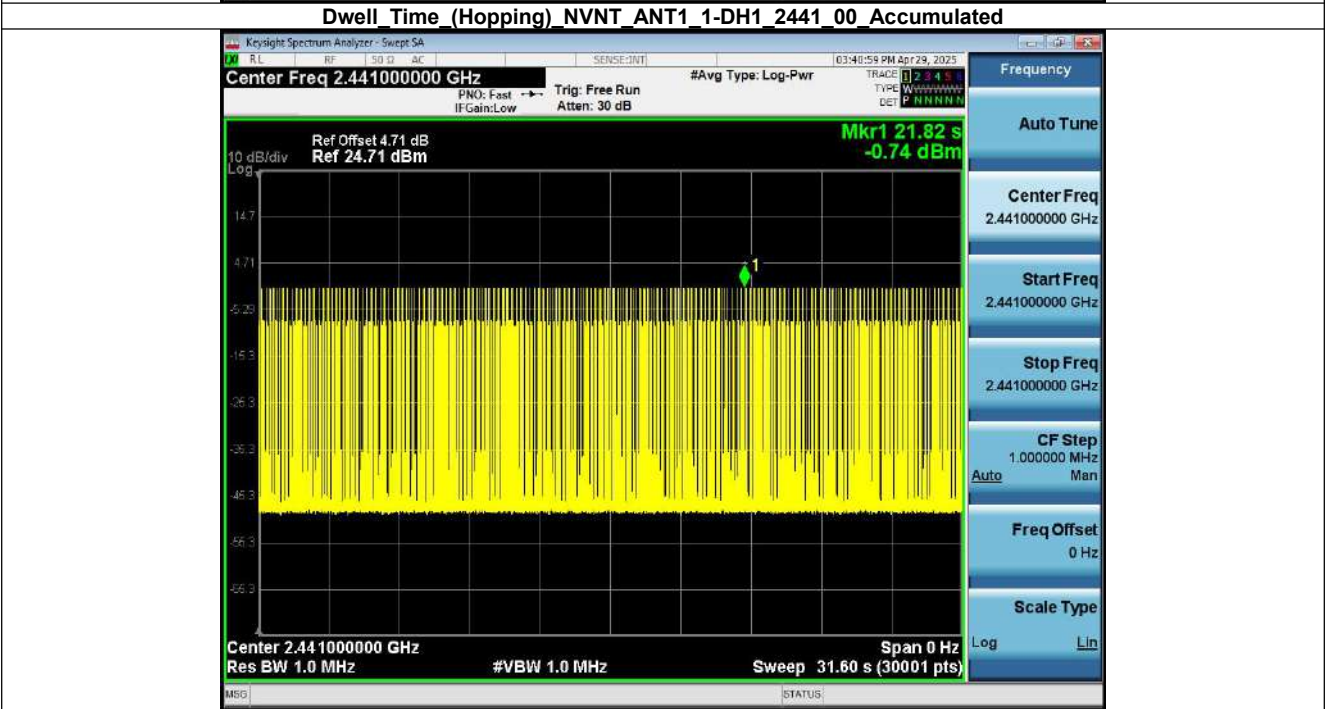
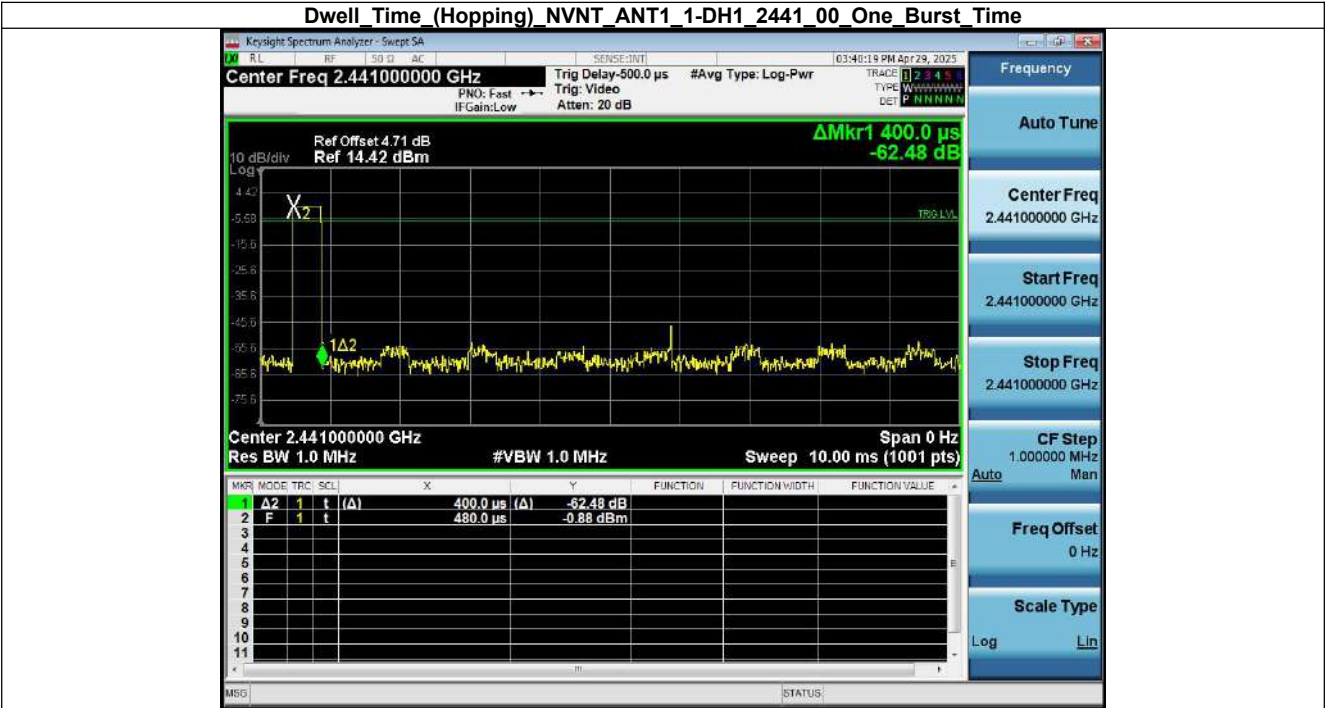


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



9. Dwell Time (Hopping)

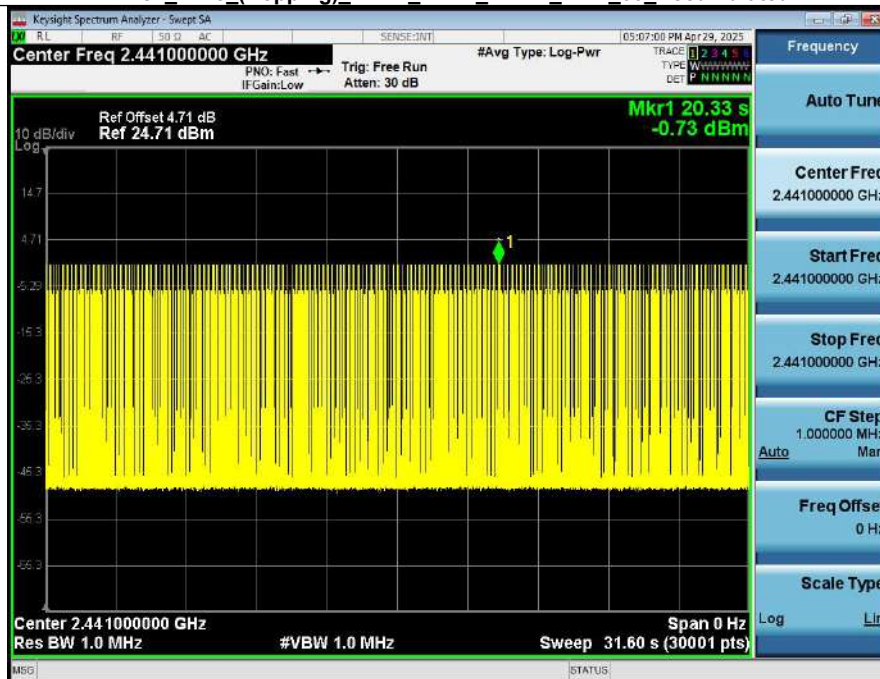
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	318.00	127.200	0.40	Pass
NVNT	ANT1	1-DH5	1.650	167.00	275.550	0.40	Pass
NVNT	ANT1	1-DH5	2.900	108.00	313.200	0.40	Pass
NVNT	ANT1	2-DH3	1.650	155.00	255.750	0.40	Pass
NVNT	ANT1	2-DH5	2.910	120.00	349.200	0.40	Pass
NVNT	ANT1	3-DH3	1.650	164.00	270.600	0.40	Pass
NVNT	ANT1	3-DH5	2.910	115.00	334.650	0.40	Pass



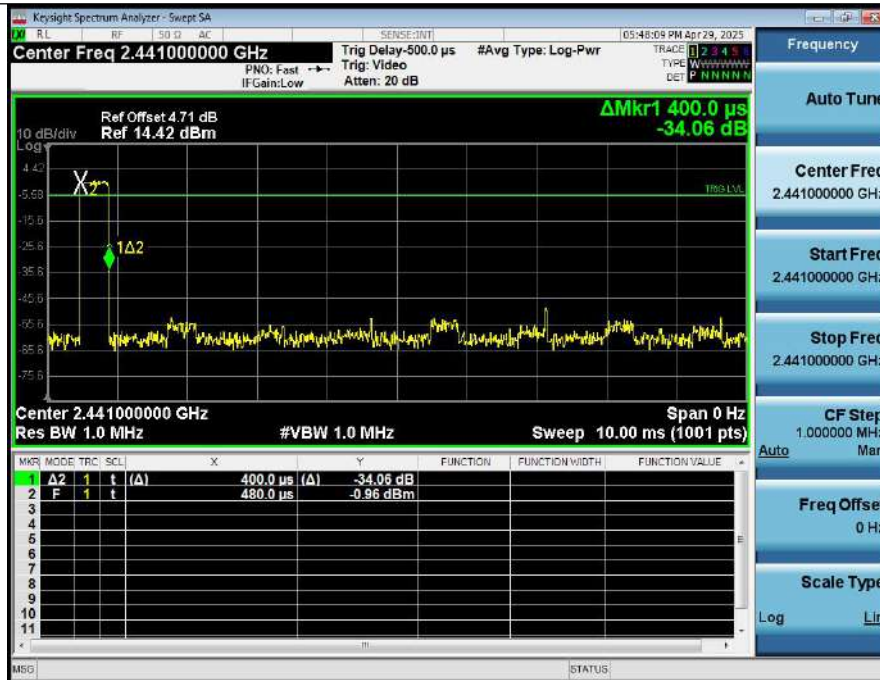
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



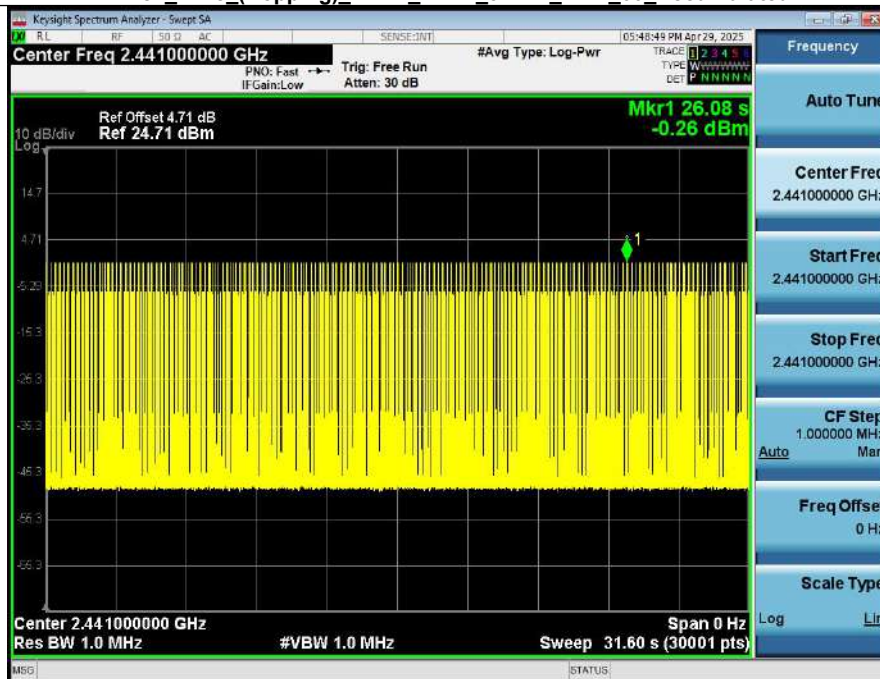
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



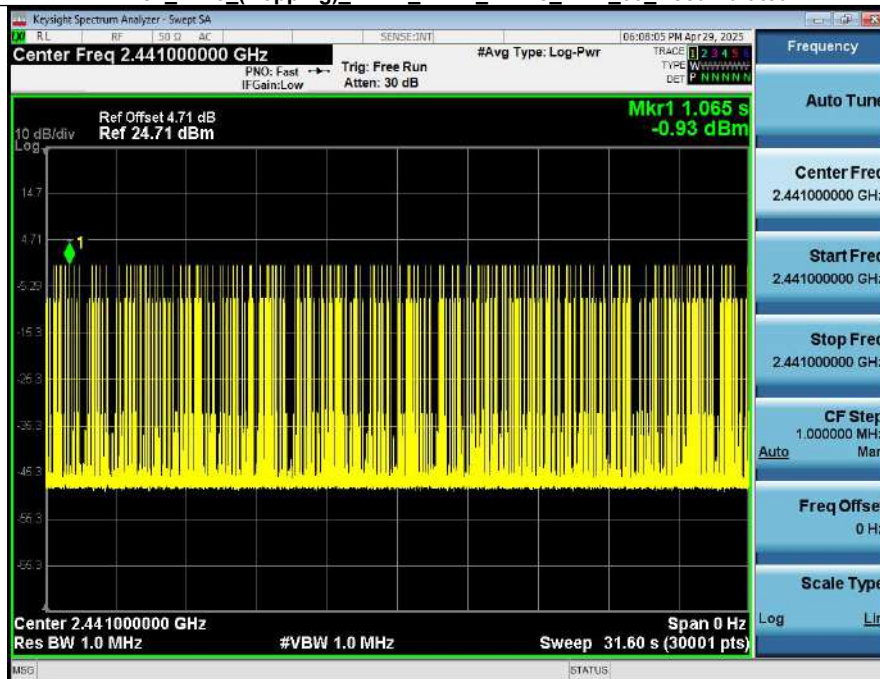
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



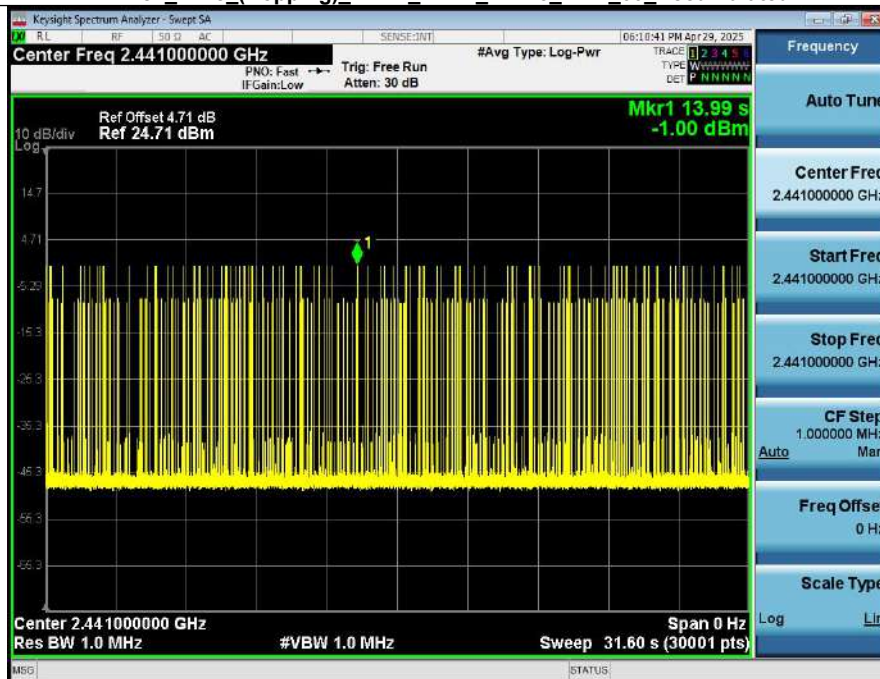
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



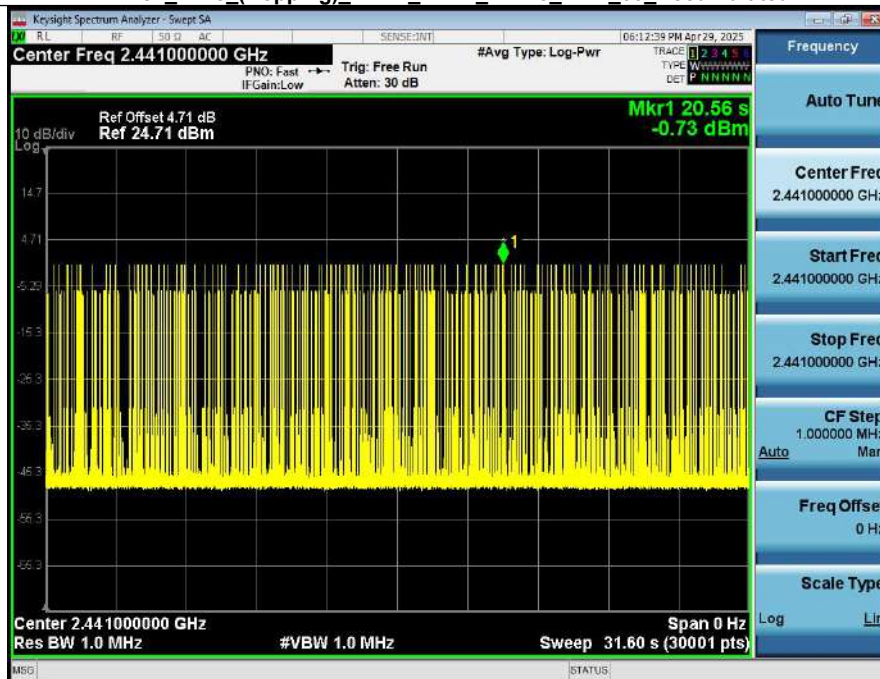
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



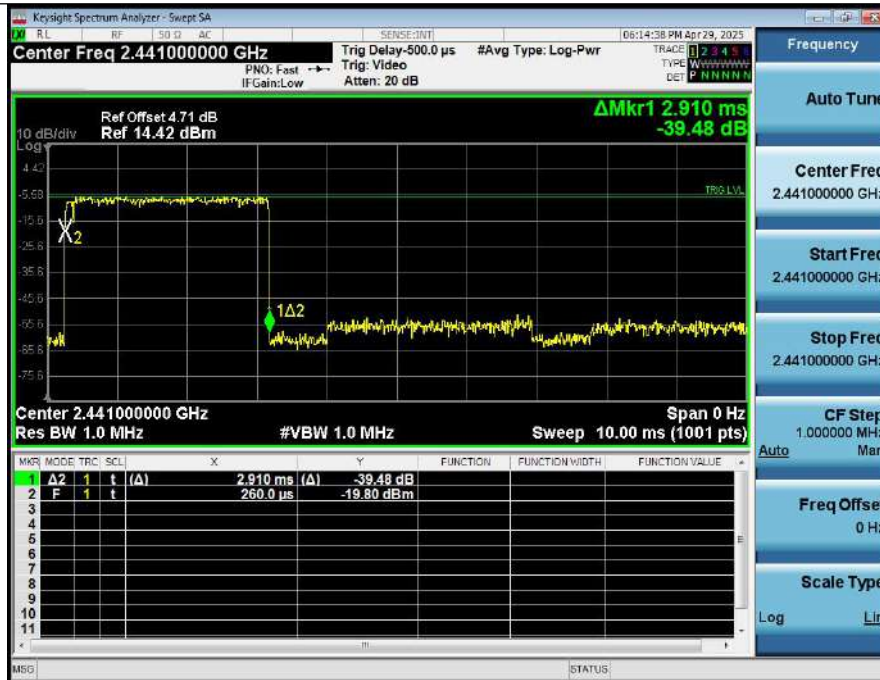
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



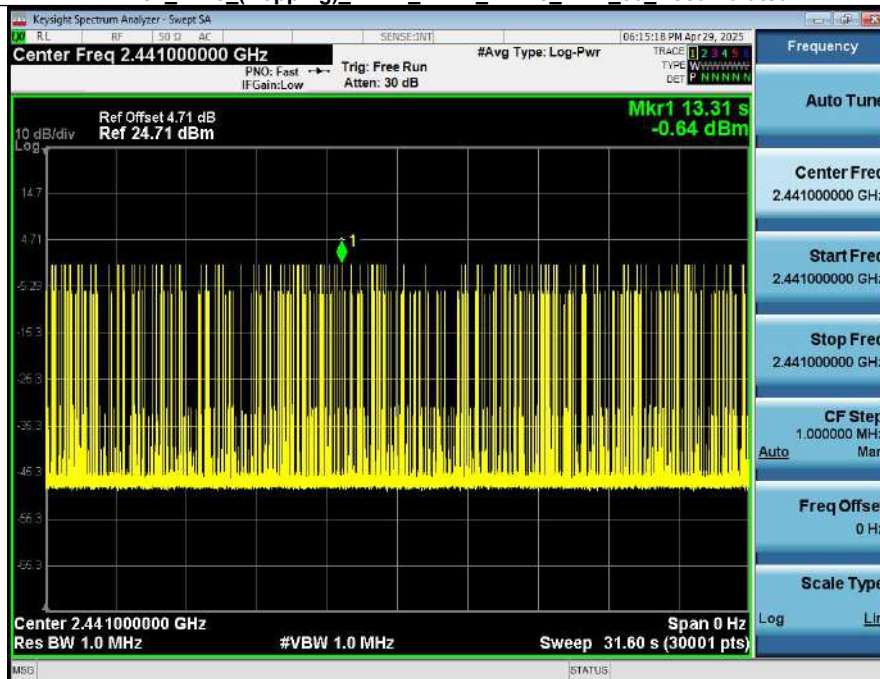
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



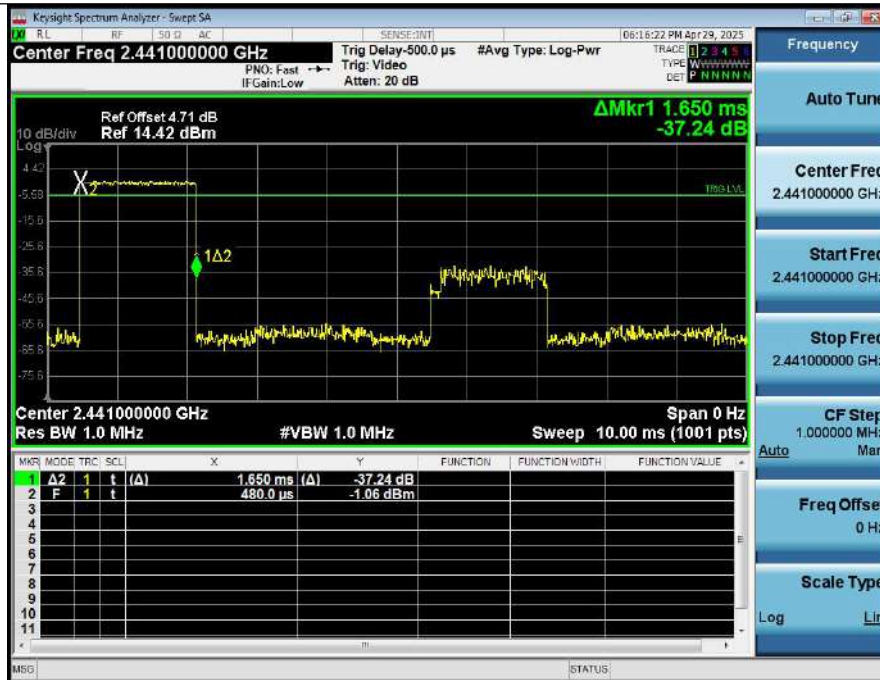
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



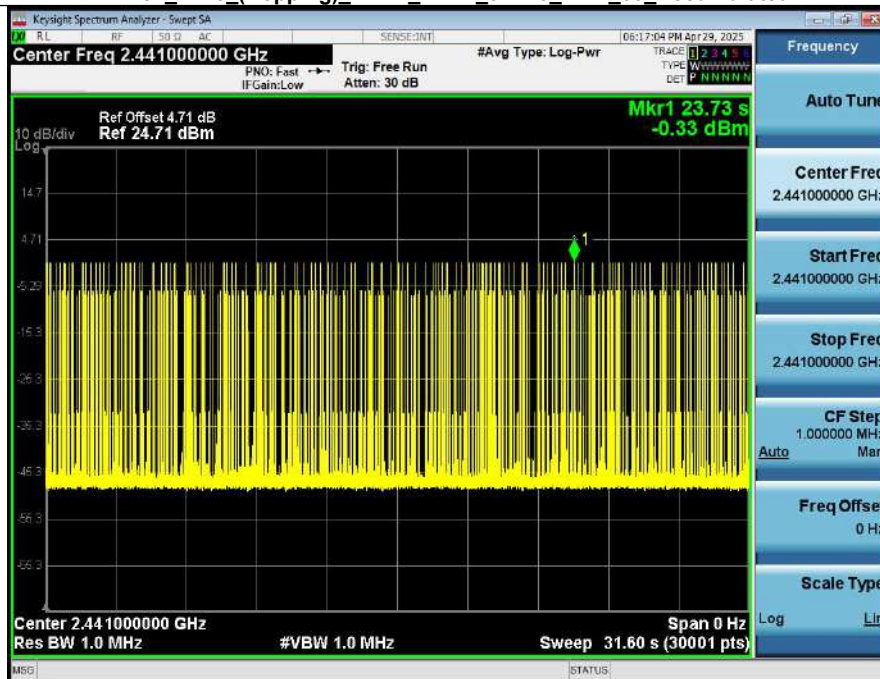
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

