

NCT260041067E1-2 FCC ID EDR
FCC_BT (Part15.247) Test Data

FCC ID:2BURF-AV14

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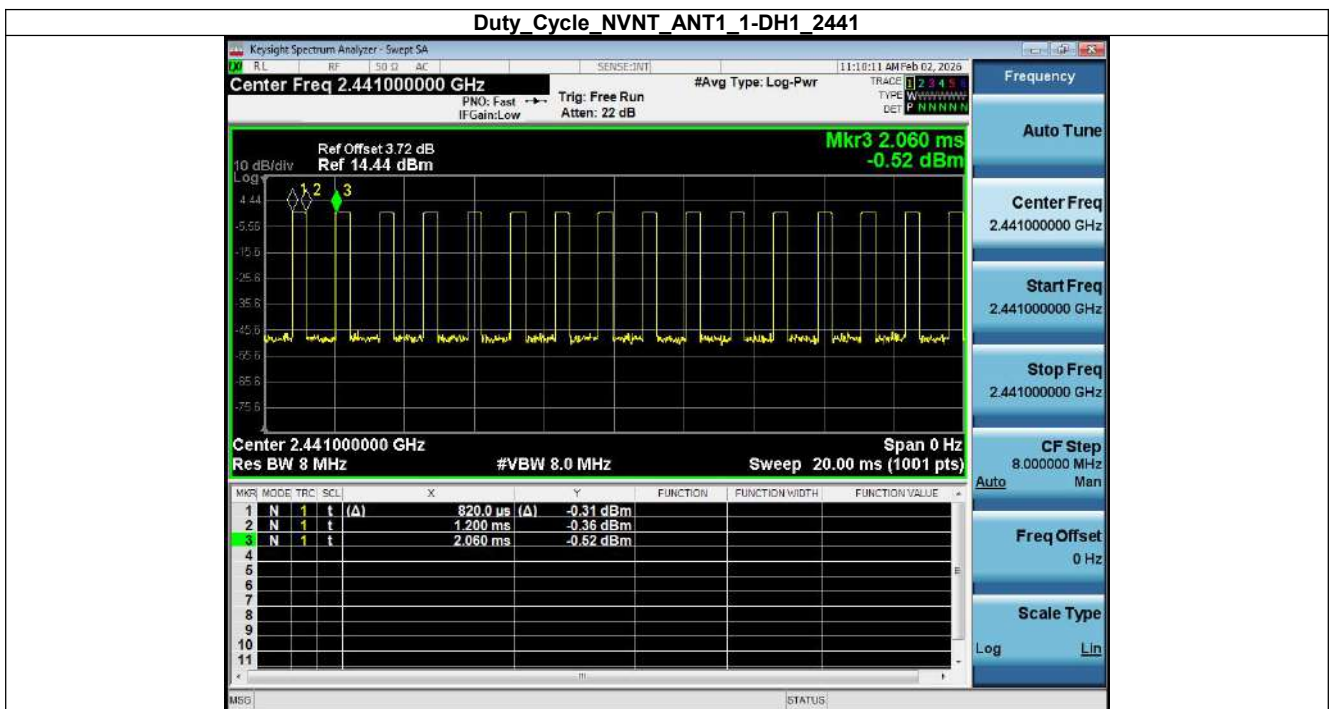
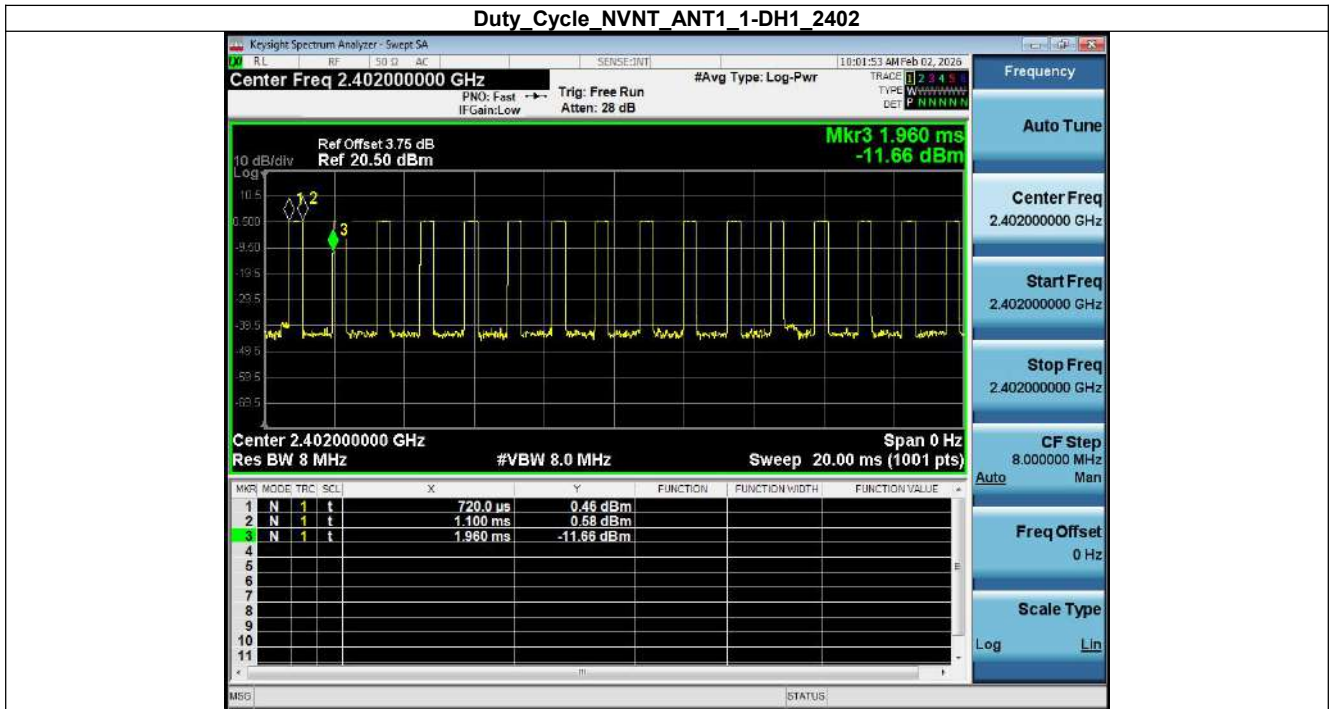
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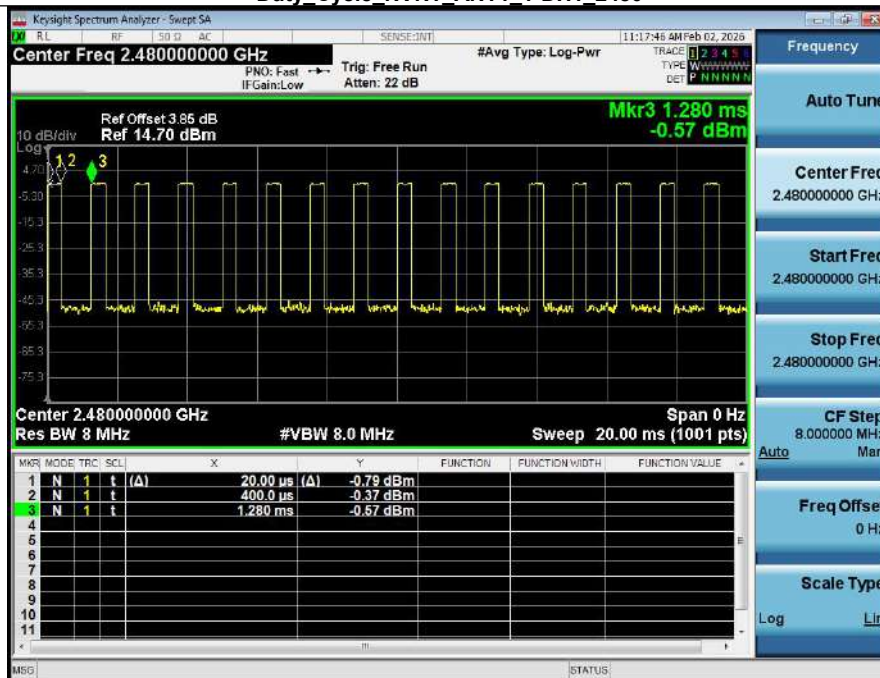
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1. Duty Cycle

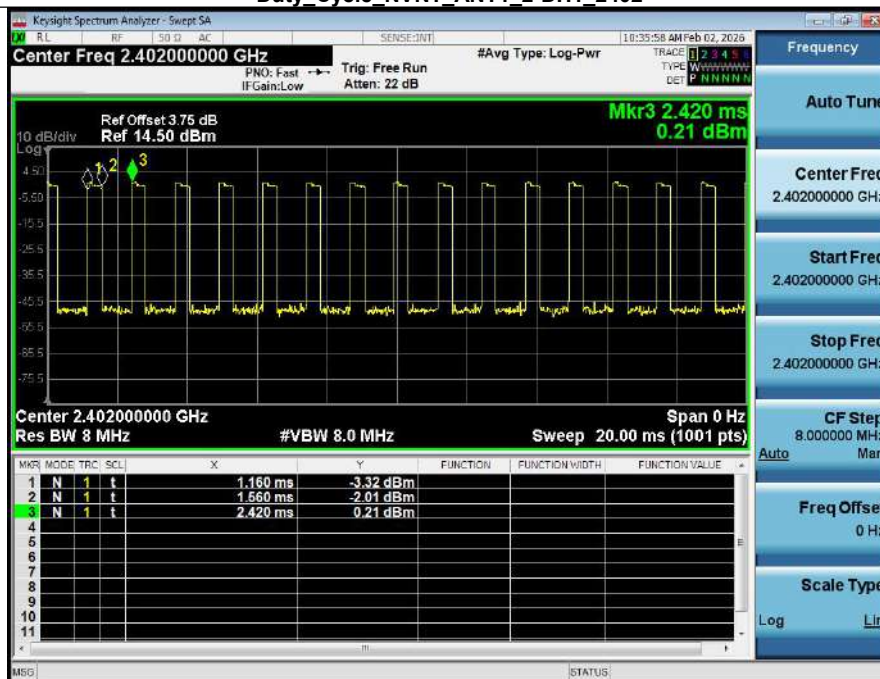
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	33.33	4.77
NVNT	ANT1	2-DH1	2441.00	32.26	4.91
NVNT	ANT1	2-DH1	2480.00	32.26	4.91
NVNT	ANT1	3-DH1	2402.00	30.65	5.14
NVNT	ANT1	3-DH1	2441.00	32.26	4.91
NVNT	ANT1	3-DH1	2480.00	32.26	4.91



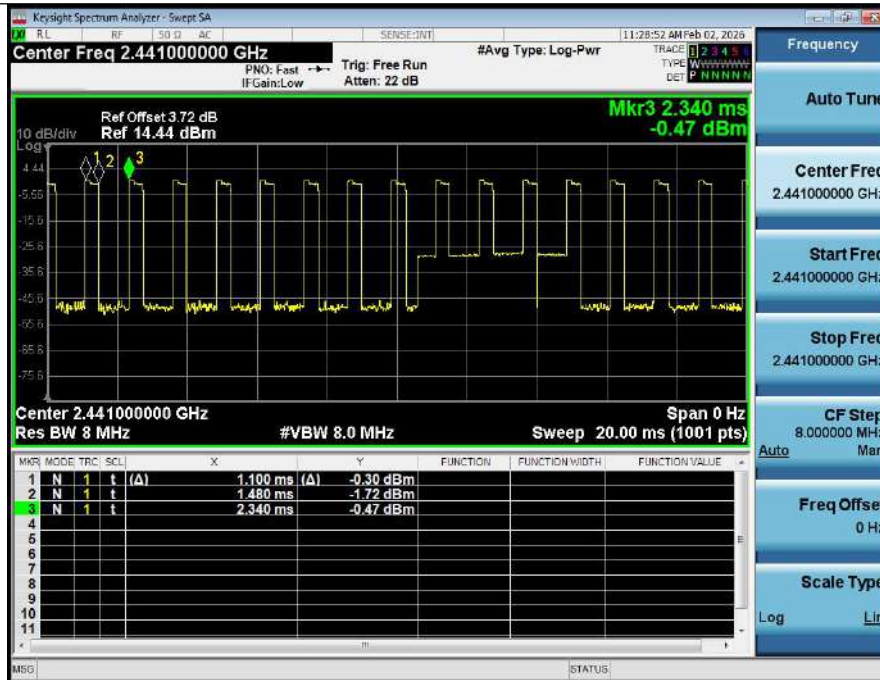
Duty Cycle_NVNT_ANT1_1-DH1_2480



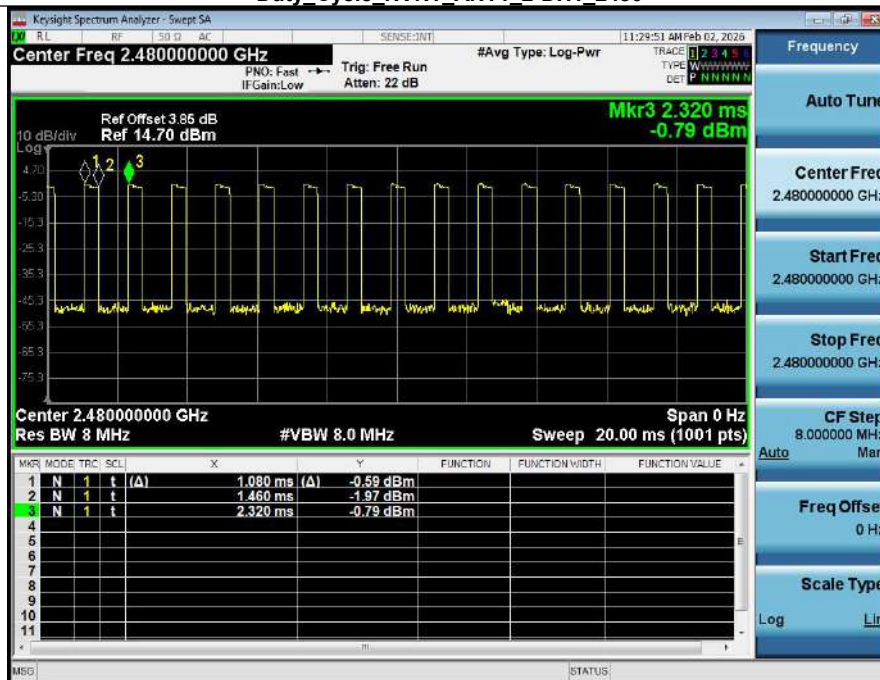
Duty Cycle_NVNT_ANT1_2-DH1_2402



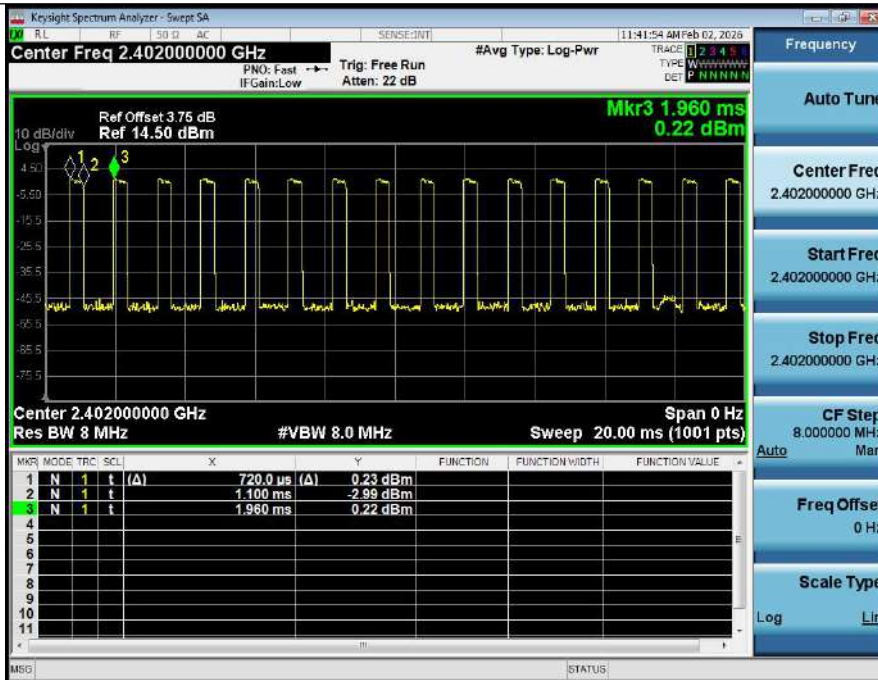
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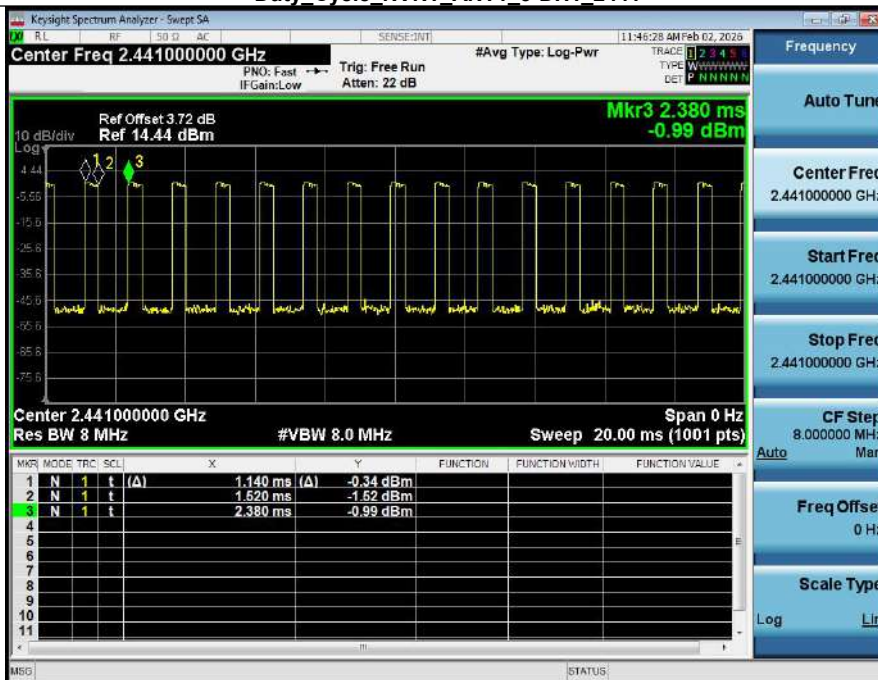
Duty Cycle_NVNT_ANT1 2-DH1_2480



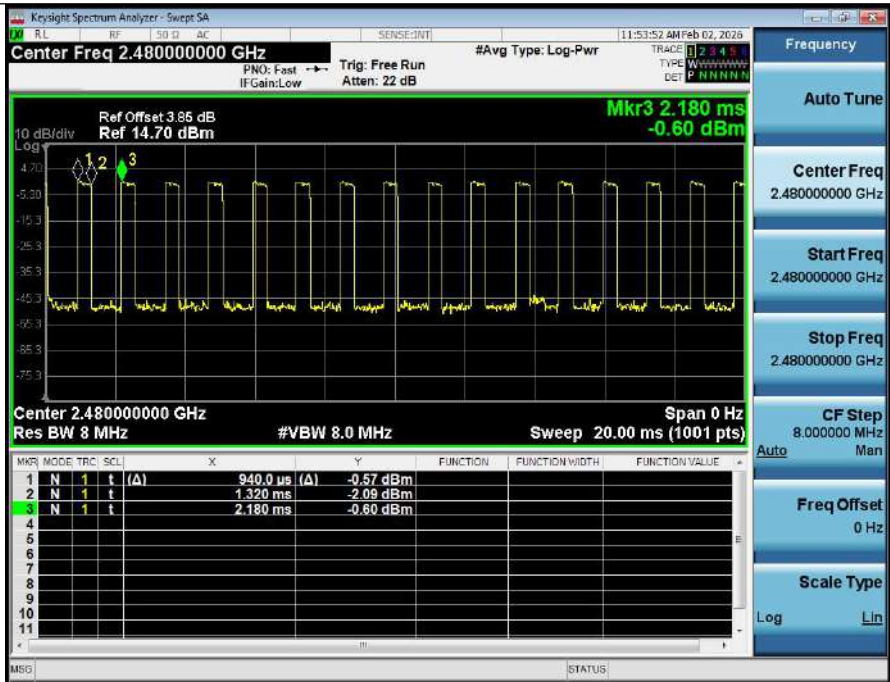
Duty Cycle_NVNT_ANT1 3-DH1_2402



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	0.888	No
NVNT	ANT1	1-DH1	2441.00	0.887	No
NVNT	ANT1	1-DH1	2480.00	0.889	No
NVNT	ANT1	2-DH1	2402.00	1.183	Yes
NVNT	ANT1	2-DH1	2441.00	1.183	Yes
NVNT	ANT1	2-DH1	2480.00	1.184	Yes
NVNT	ANT1	3-DH1	2402.00	1.201	Yes
NVNT	ANT1	3-DH1	2441.00	1.203	Yes
NVNT	ANT1	3-DH1	2480.00	1.205	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

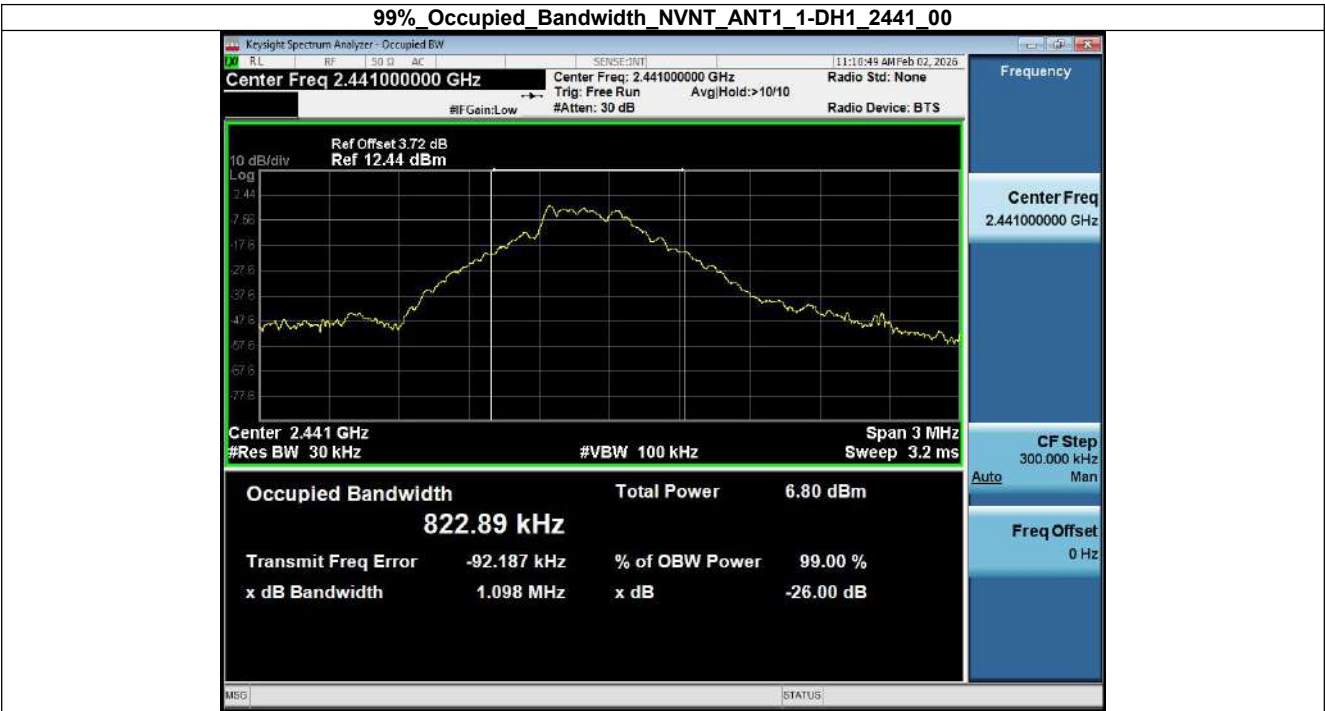


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.823
NVNT	ANT1	1-DH1	2441.00	0.823
NVNT	ANT1	1-DH1	2480.00	0.822
NVNT	ANT1	2-DH1	2402.00	1.100
NVNT	ANT1	2-DH1	2441.00	1.105
NVNT	ANT1	2-DH1	2480.00	1.108
NVNT	ANT1	3-DH1	2402.00	1.078
NVNT	ANT1	3-DH1	2441.00	1.086
NVNT	ANT1	3-DH1	2480.00	1.087



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

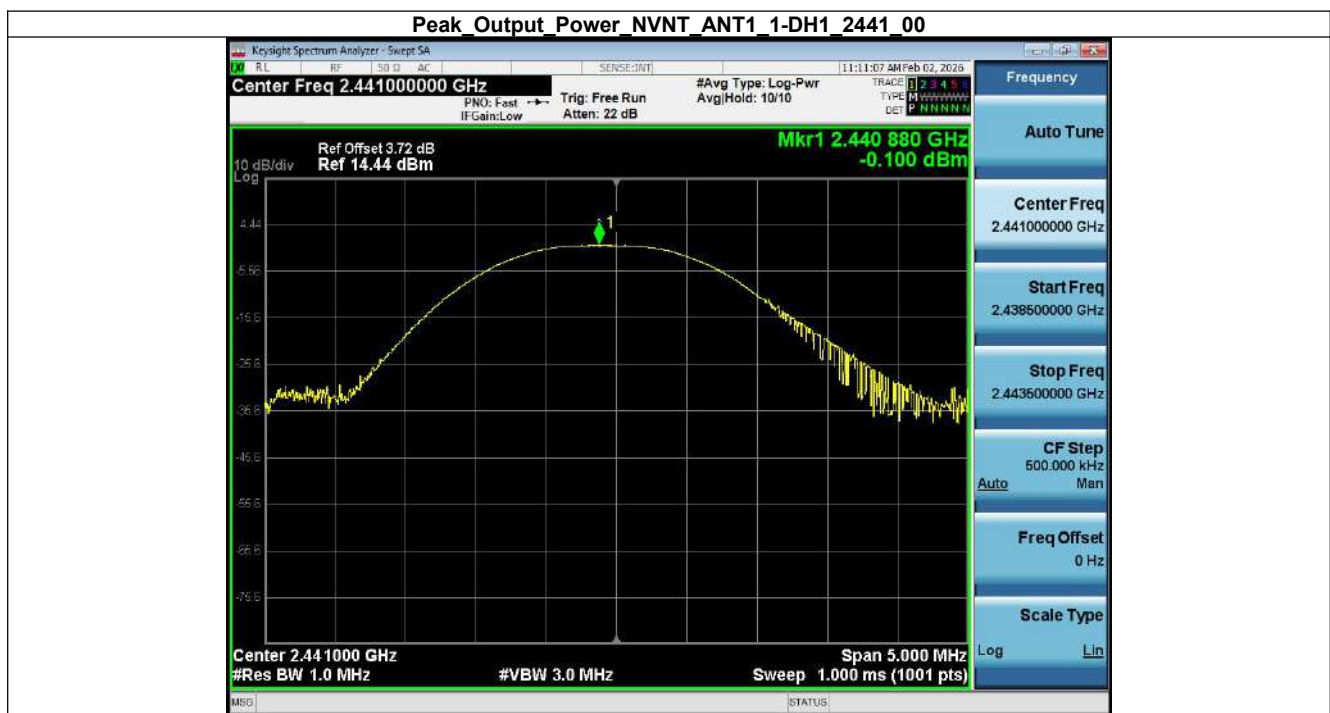


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00



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	0.59	1.14	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.10	0.98	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.40	0.91	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.43	1.11	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.06	1.01	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.33	0.93	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.48	1.12	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.01	1.00	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.34	0.93	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



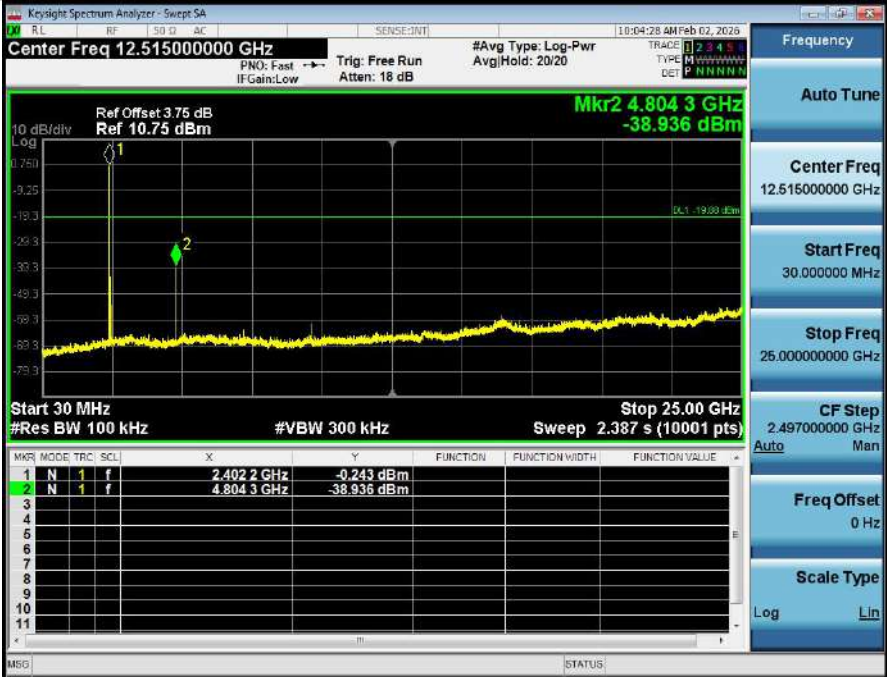
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.324	-38.936	-19.676	Pass
NVNT	ANT1	1-DH1	2441.00	-0.370	-43.480	-20.370	Pass
NVNT	ANT1	1-DH1	2480.00	-0.607	-48.039	-20.607	Pass
NVNT	ANT1	2-DH1	2402.00	0.108	-38.585	-19.892	Pass
NVNT	ANT1	2-DH1	2441.00	-0.394	-43.314	-20.394	Pass
NVNT	ANT1	2-DH1	2480.00	-0.613	-48.895	-20.613	Pass
NVNT	ANT1	3-DH1	2402.00	0.141	-40.763	-19.859	Pass
NVNT	ANT1	3-DH1	2441.00	-0.452	-43.387	-20.452	Pass
NVNT	ANT1	3-DH1	2480.00	-0.639	-50.095	-20.639	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



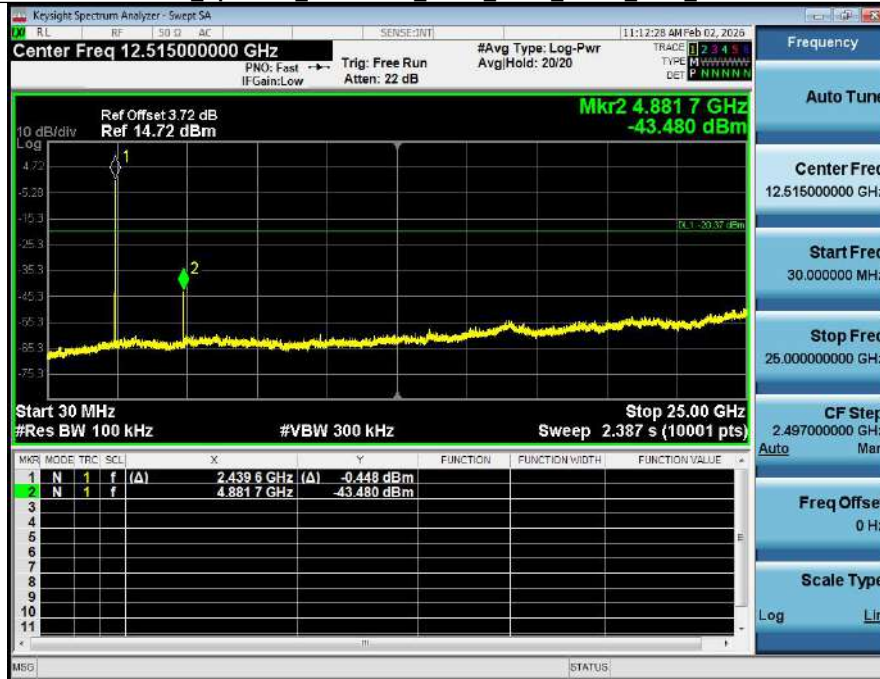
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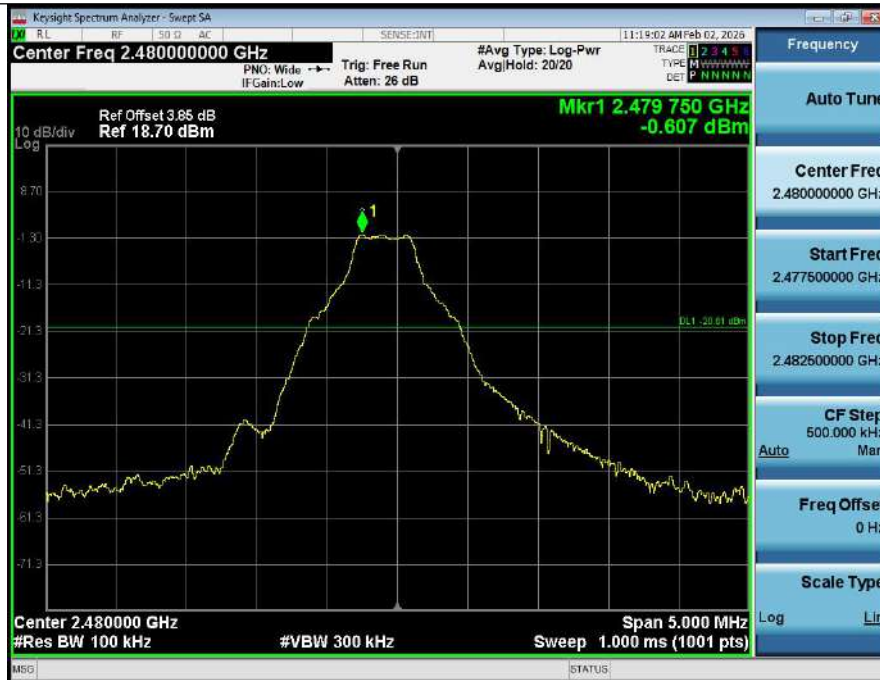
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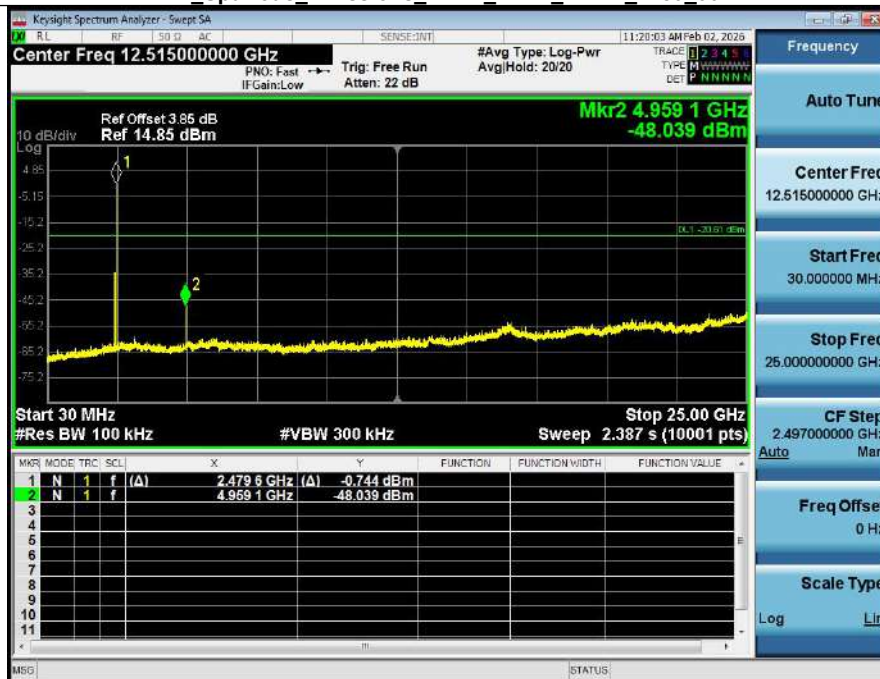
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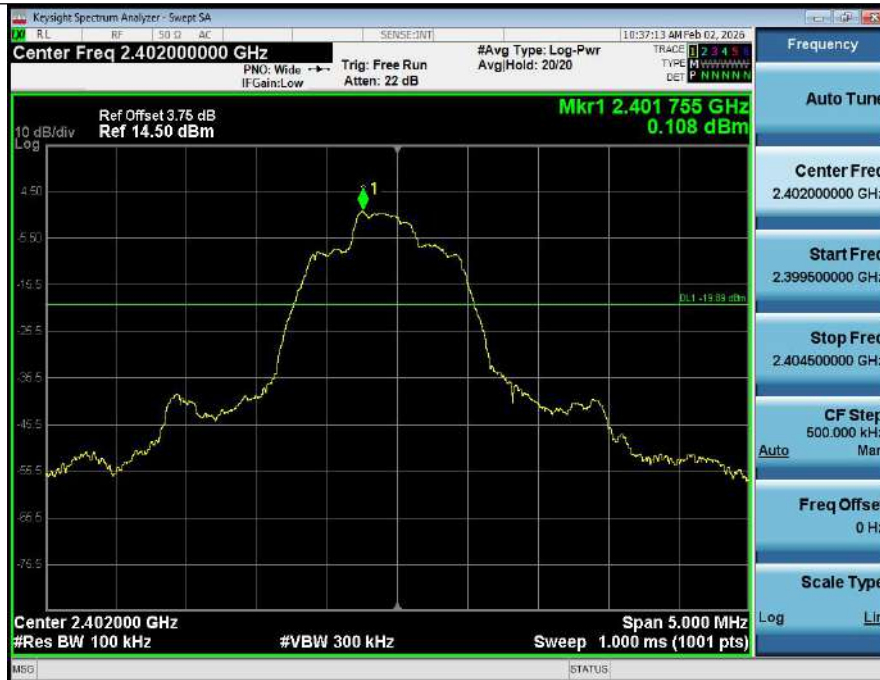
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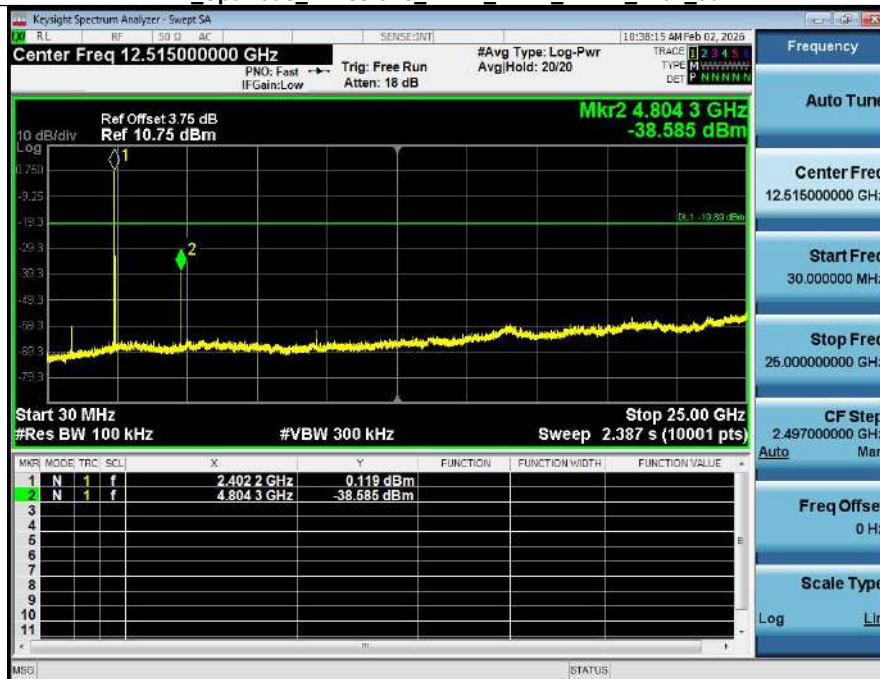
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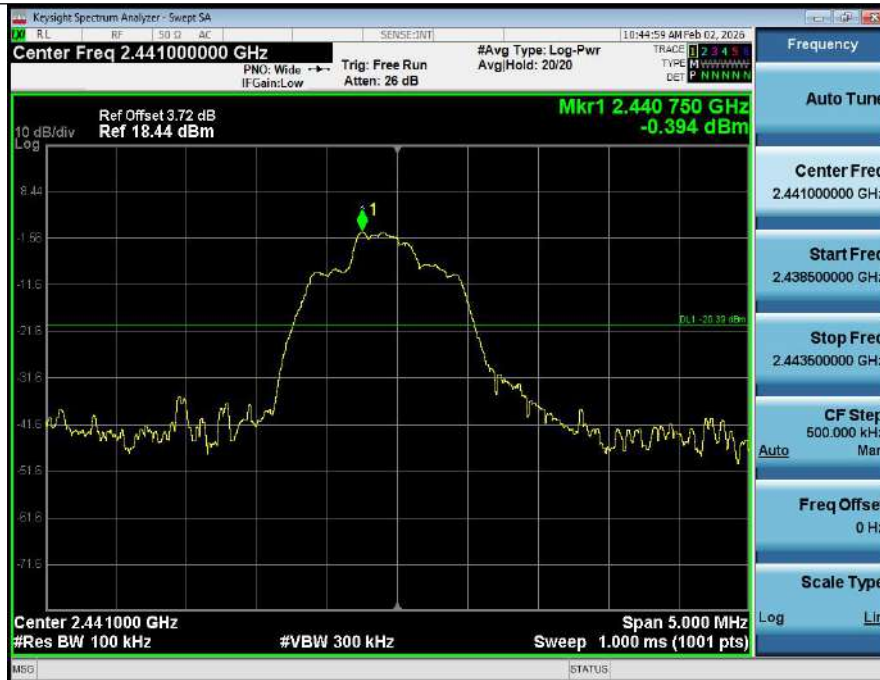
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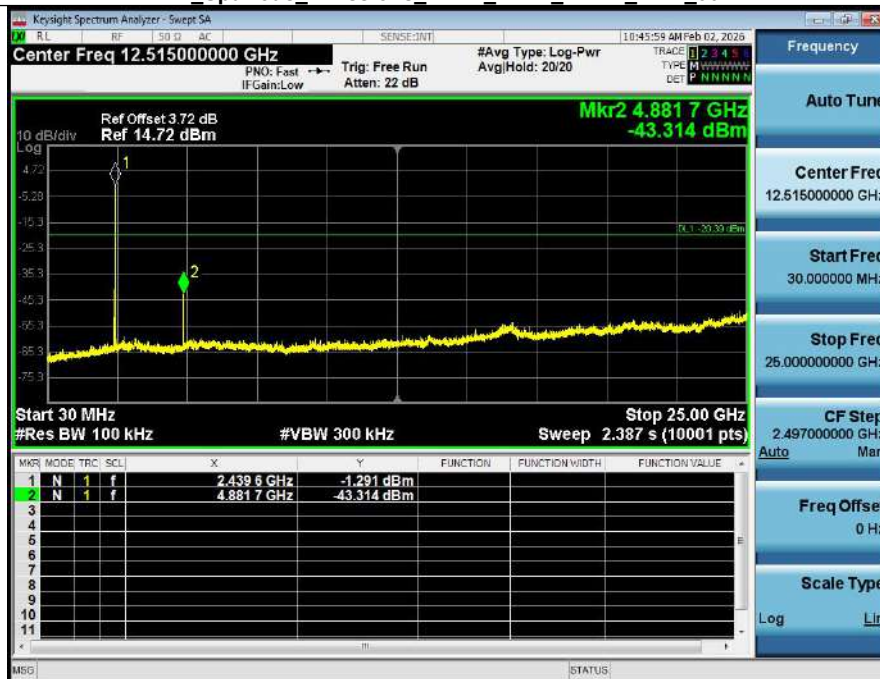
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



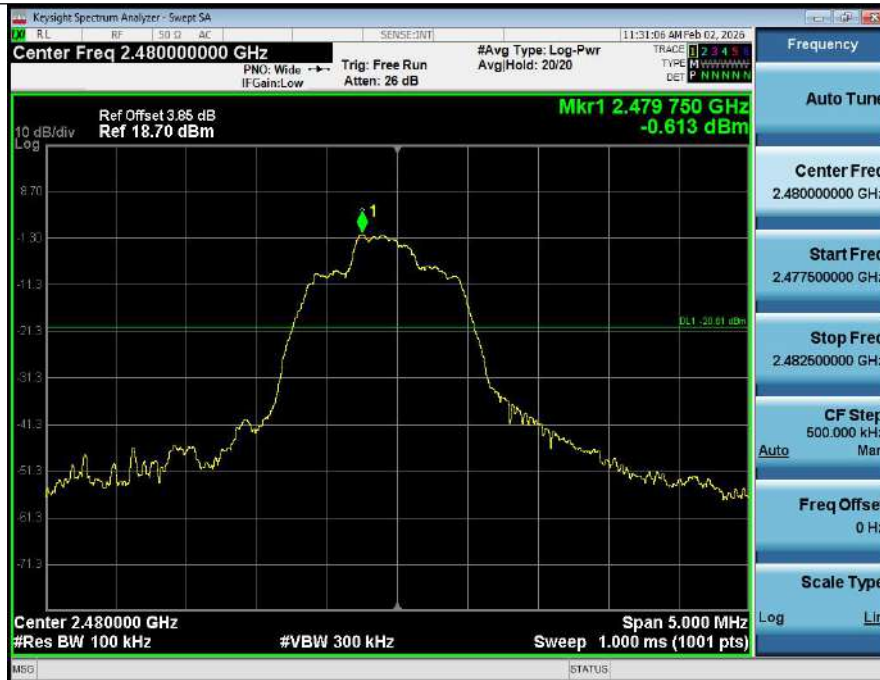
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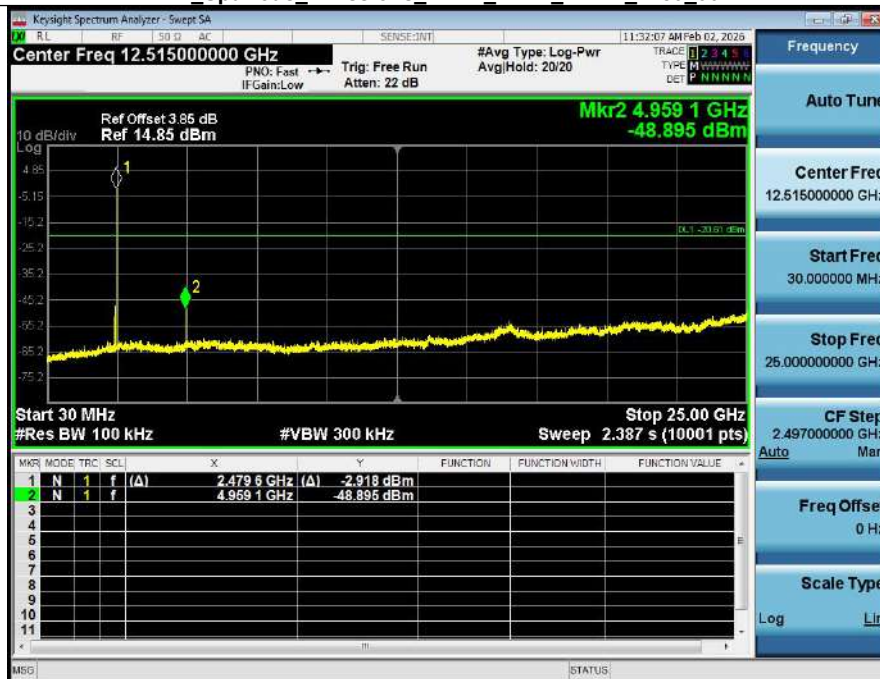
2 Spurious Emissions NVNT_ANT1_2-DH1_2441_00



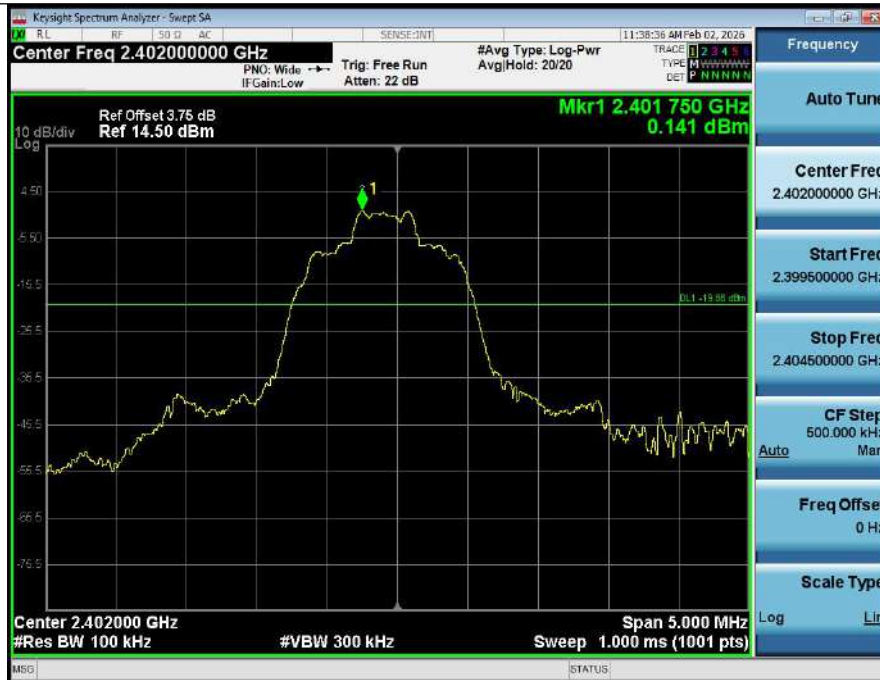
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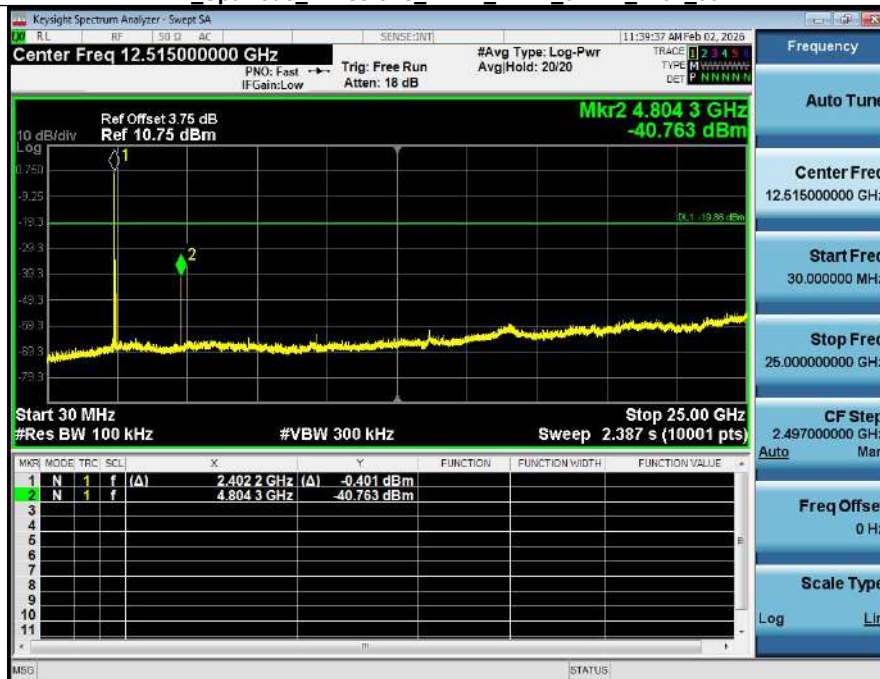
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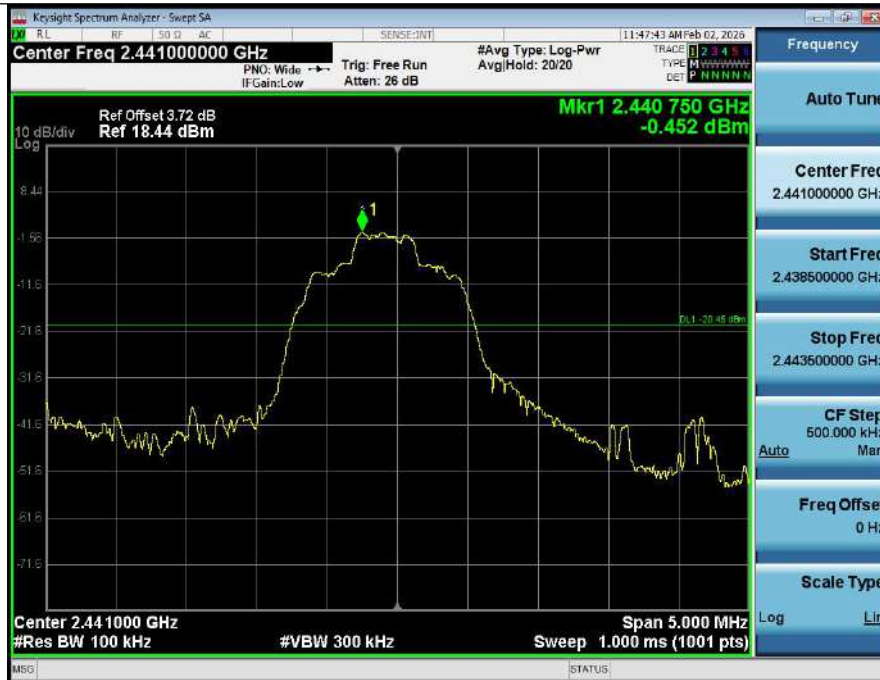
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



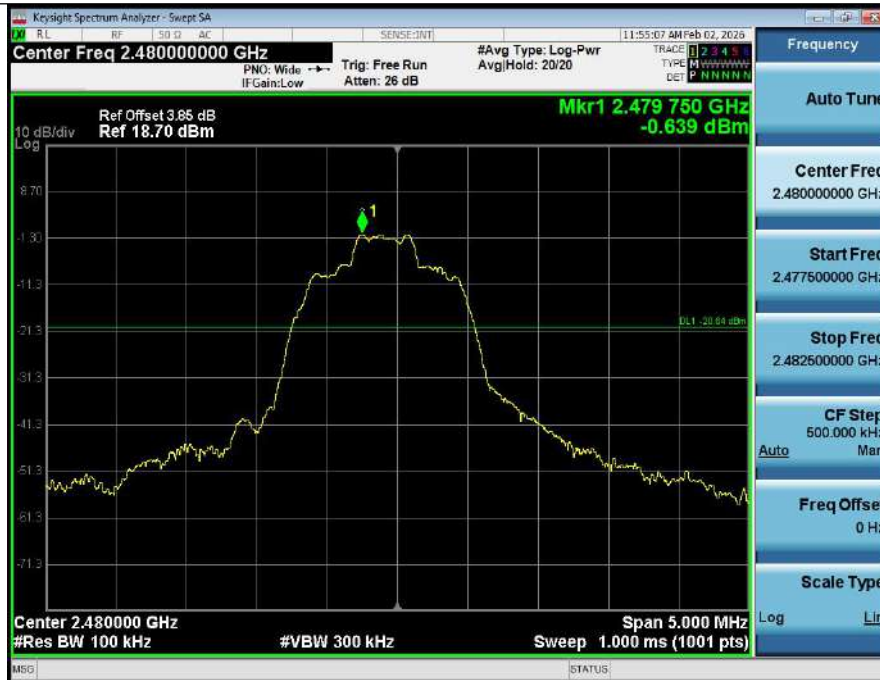
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



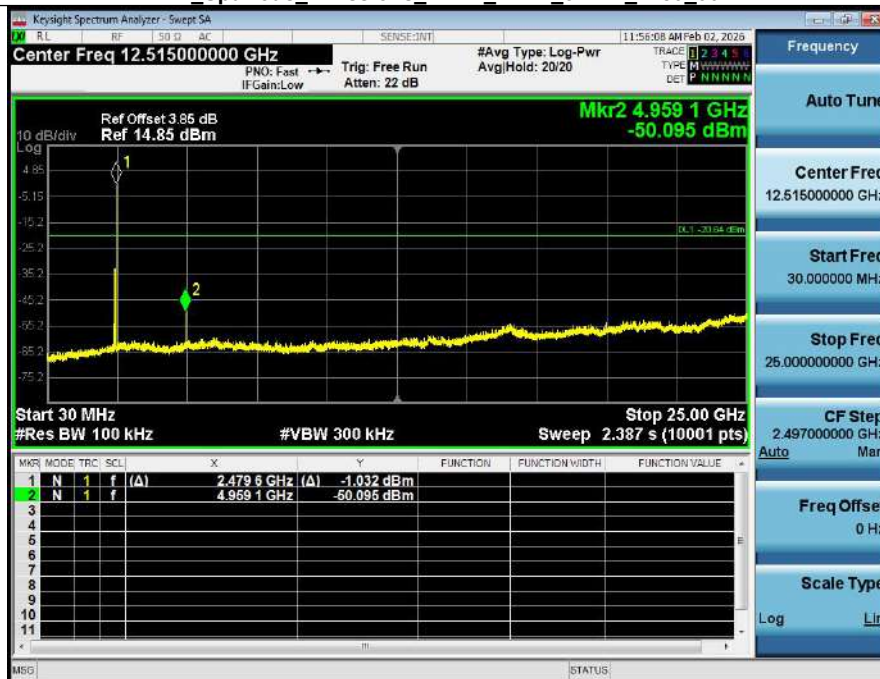
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



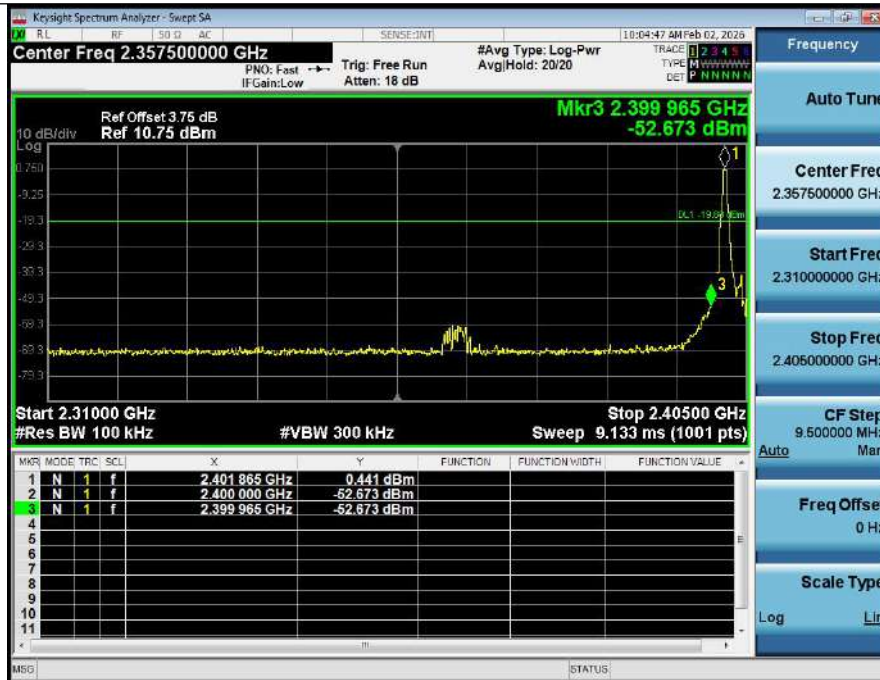
2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.324	-52.673	-19.676	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.225	-54.602	-19.775	Pass
NVNT	ANT1	1-DH1	2480.00	-0.607	-61.327	-20.607	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.137	-62.850	-19.863	Pass
NVNT	ANT1	2-DH1	2402.00	0.108	-51.807	-19.892	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.095	-55.105	-20.095	Pass
NVNT	ANT1	2-DH1	2480.00	-0.613	-59.837	-20.613	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.228	-62.249	-19.772	Pass
NVNT	ANT1	3-DH1	2402.00	0.141	-51.348	-19.859	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.187	-53.221	-19.813	Pass
NVNT	ANT1	3-DH1	2480.00	-0.639	-58.178	-20.639	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.057	-64.558	-19.943	Pass

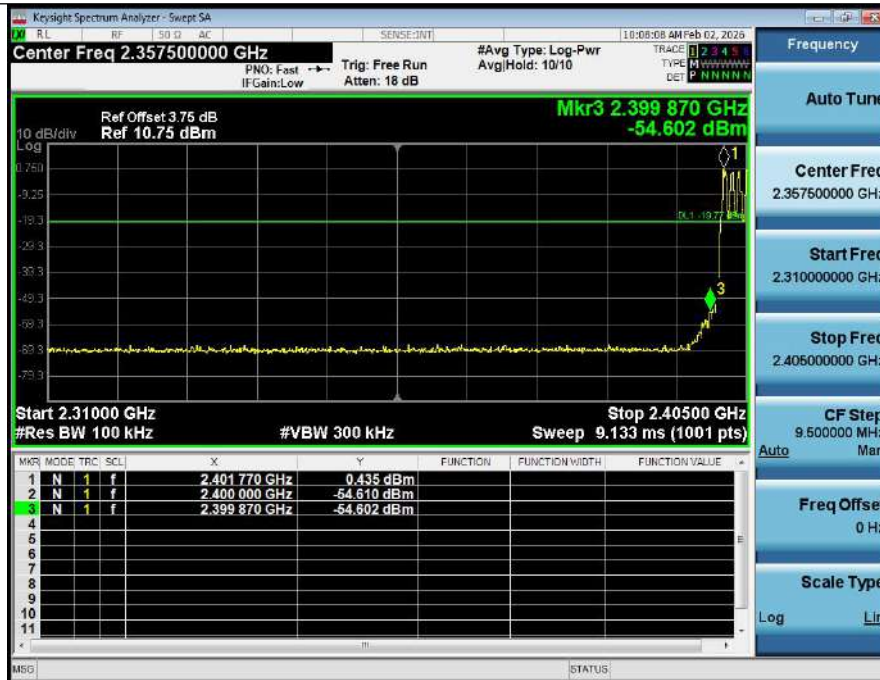




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



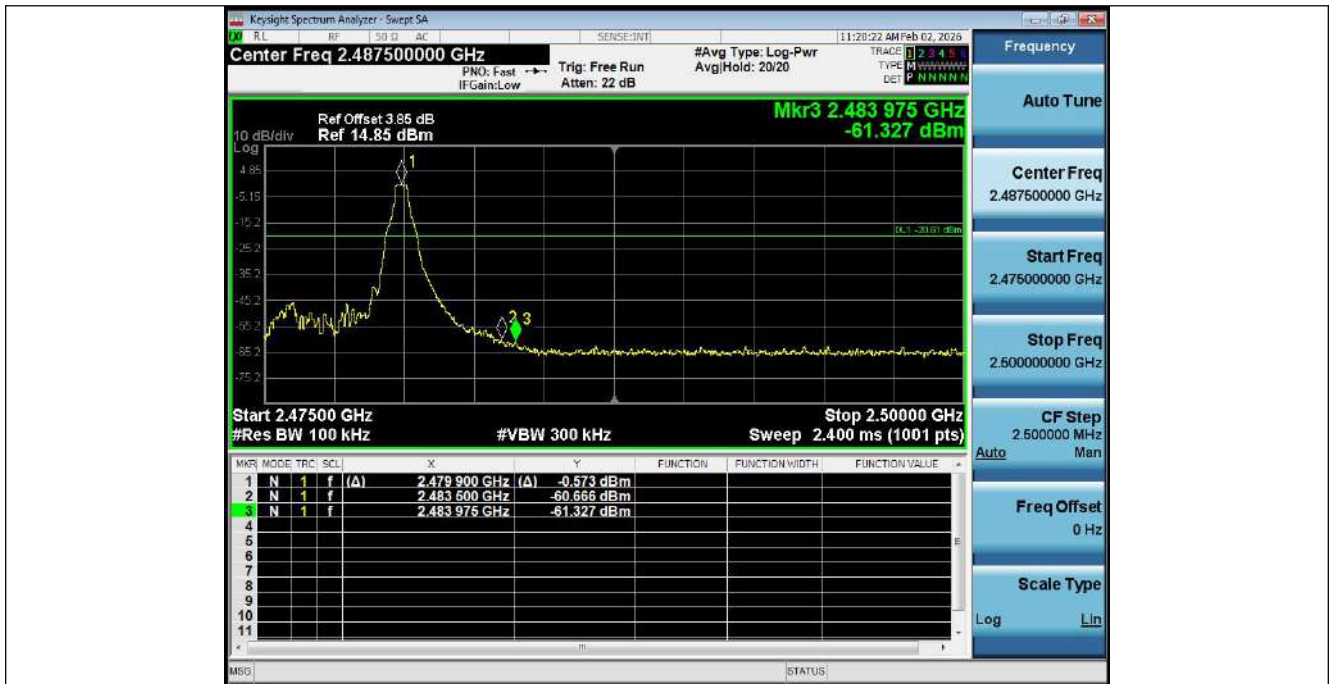
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



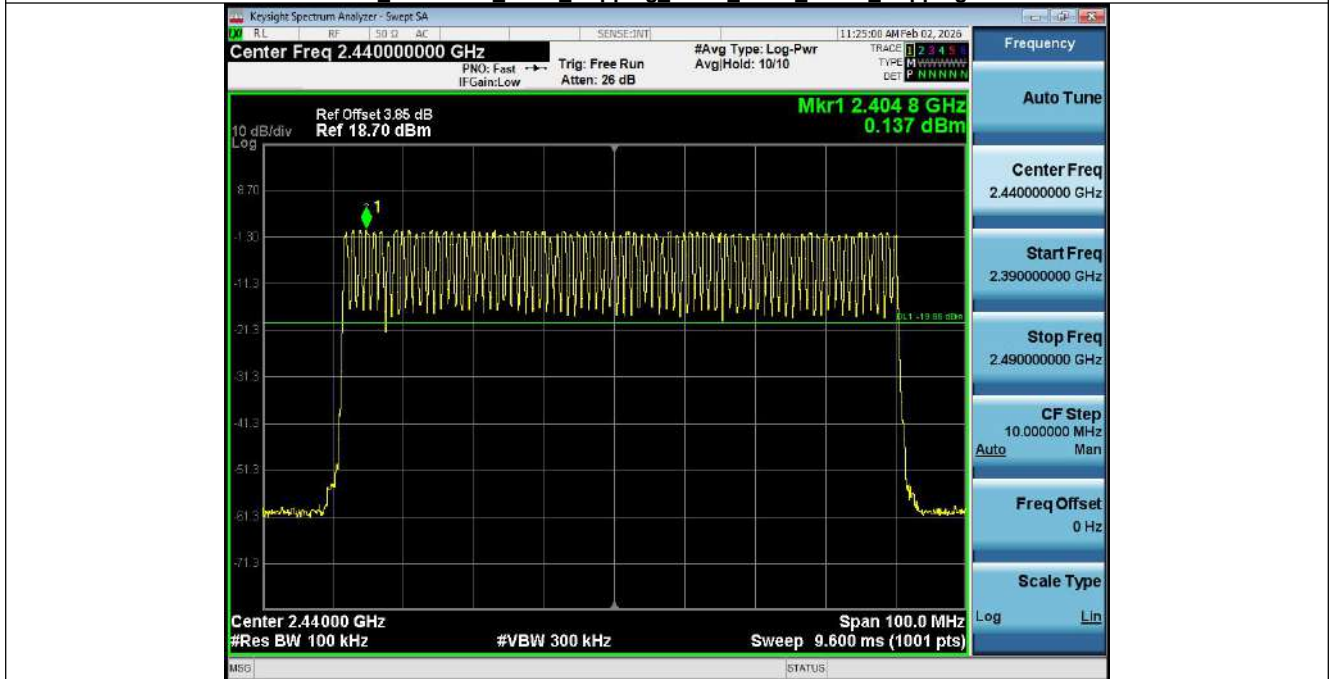
1 Reference Level NVNT ANT1 1-DH1 2480 00



2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



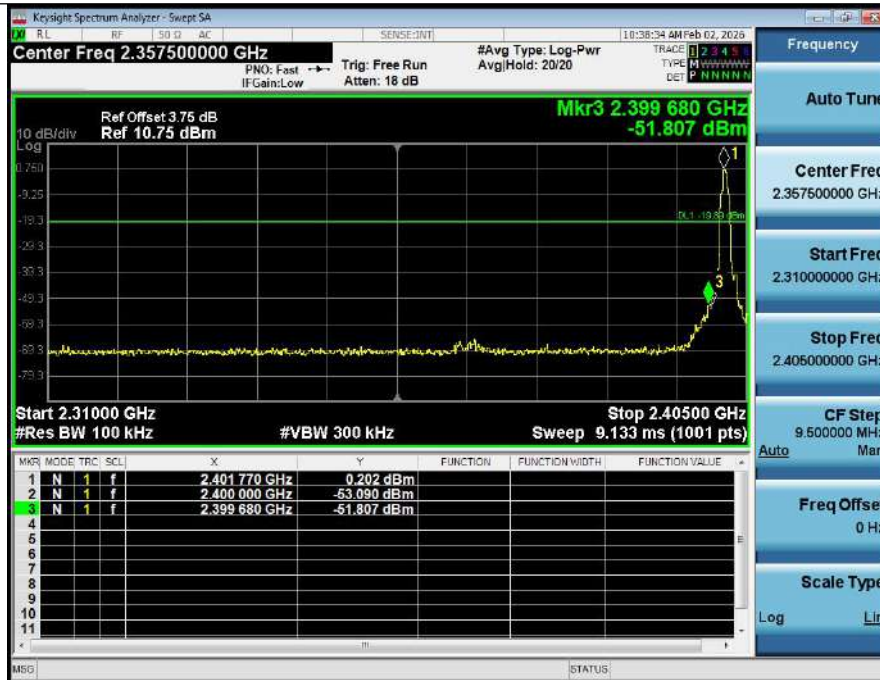
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1 Reference Level NVNT ANT1 2-DH1 2402_00



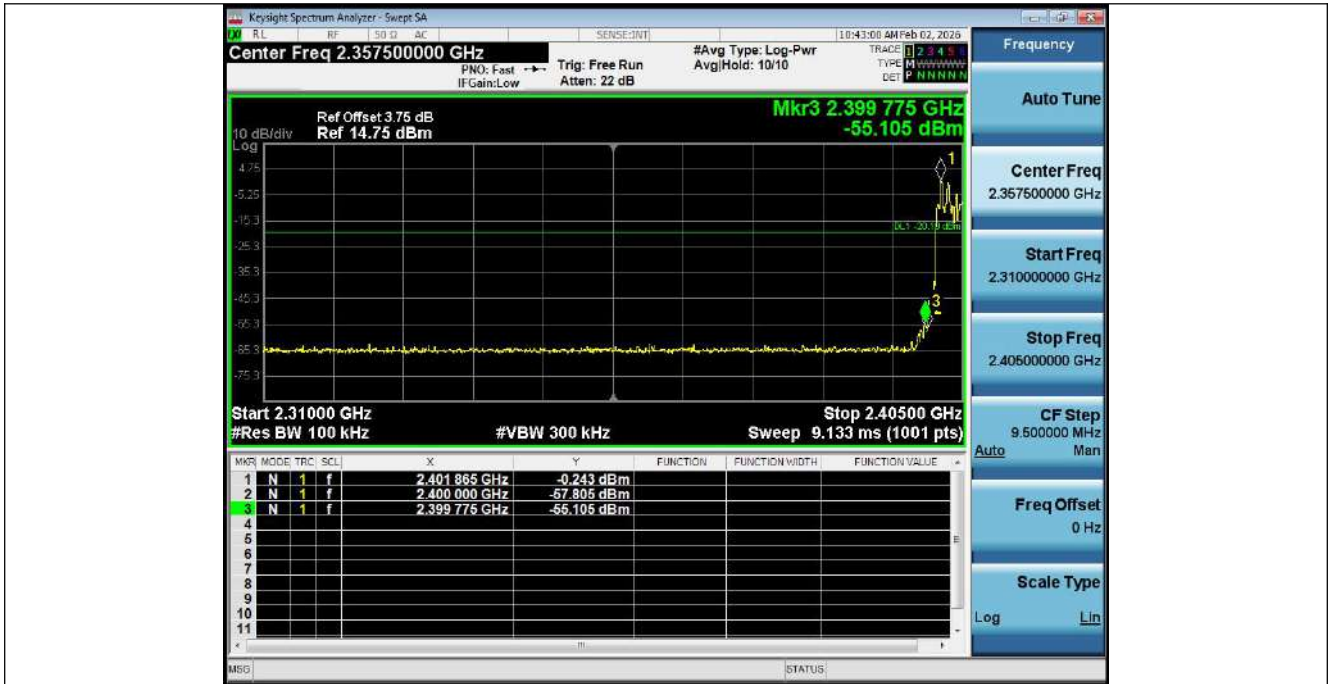
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



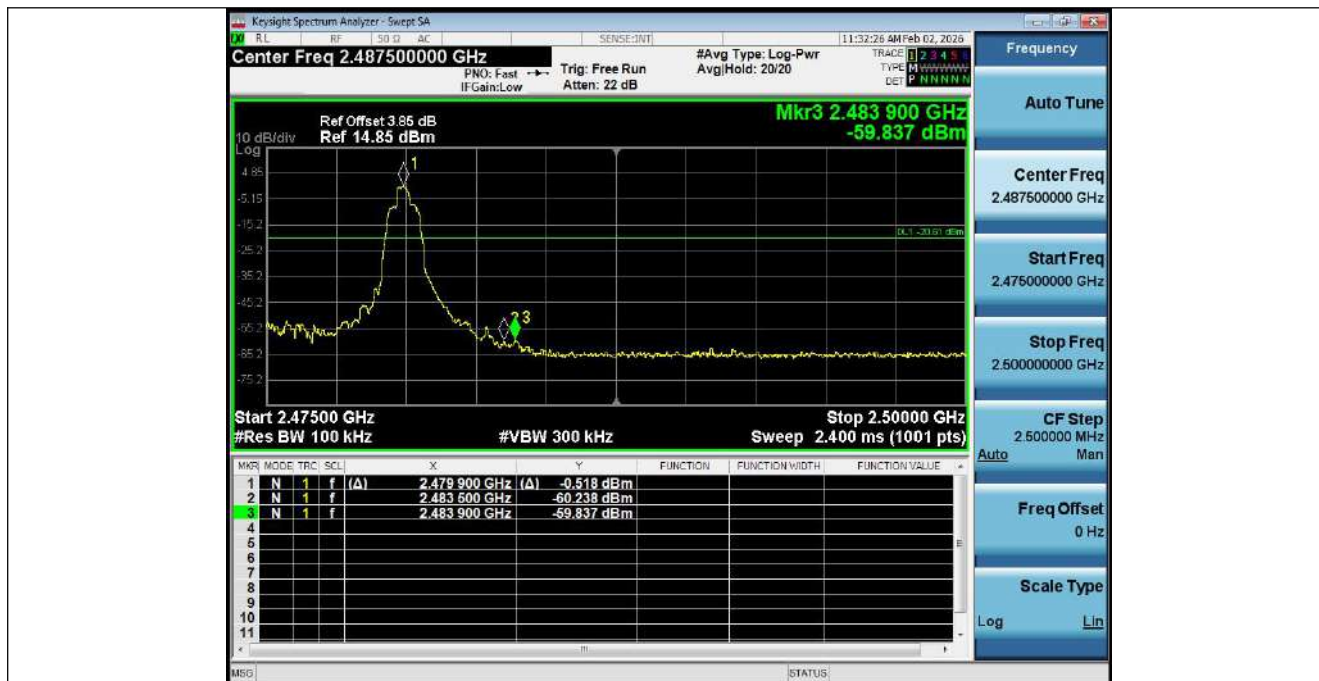
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 2-DH1 2480 00



2 Bandedge NVNT ANT1 2-DH1 2480 00



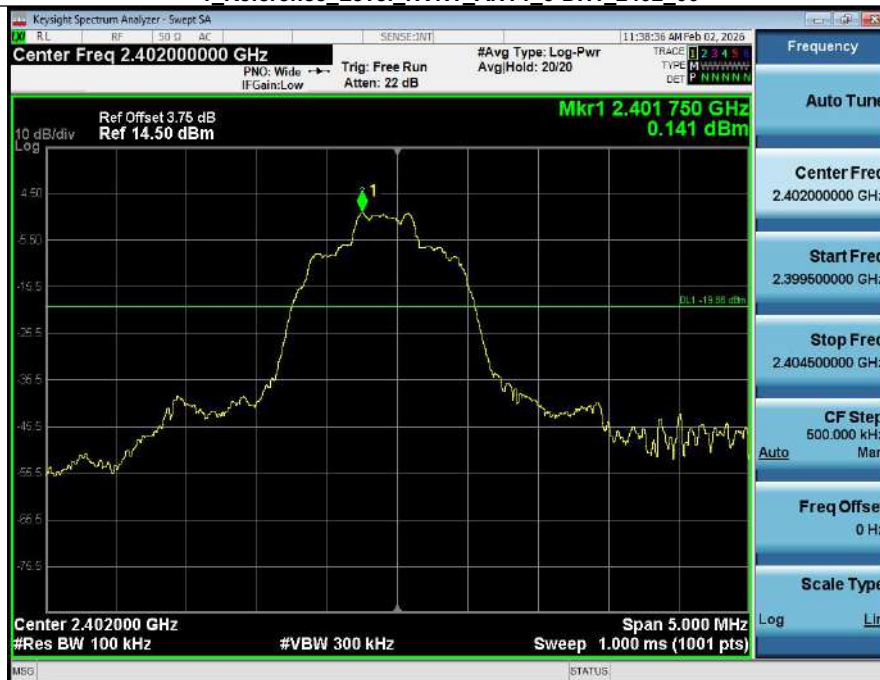
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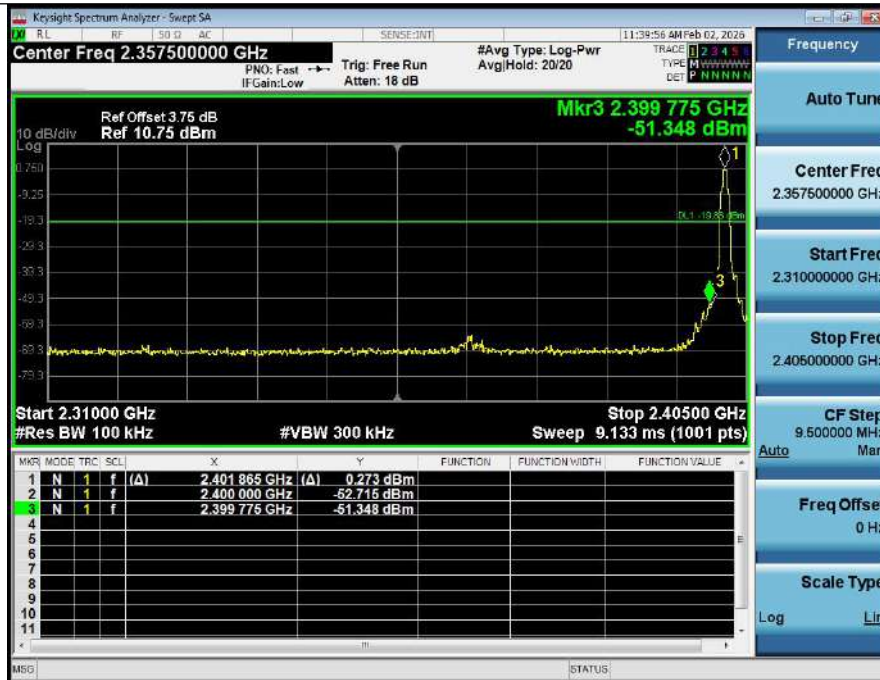
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2402 00



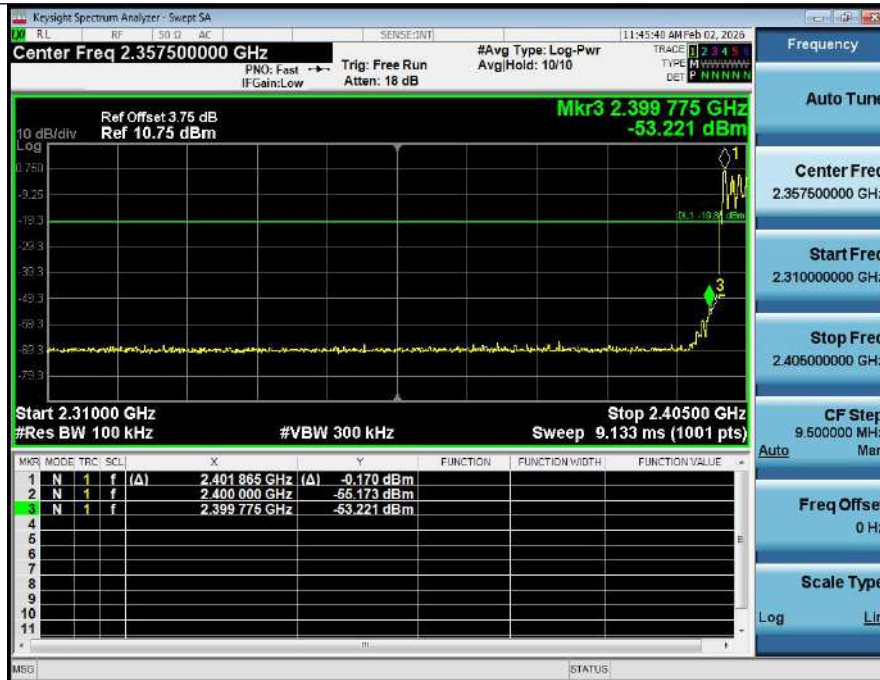
2 Bandedge NVNT ANT1 3-DH1 2402 00



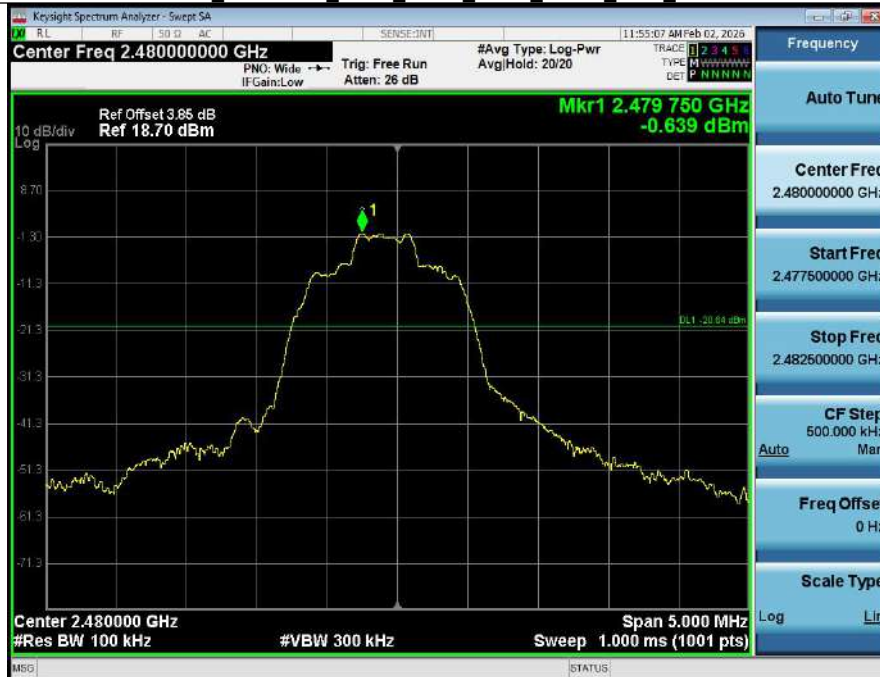
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



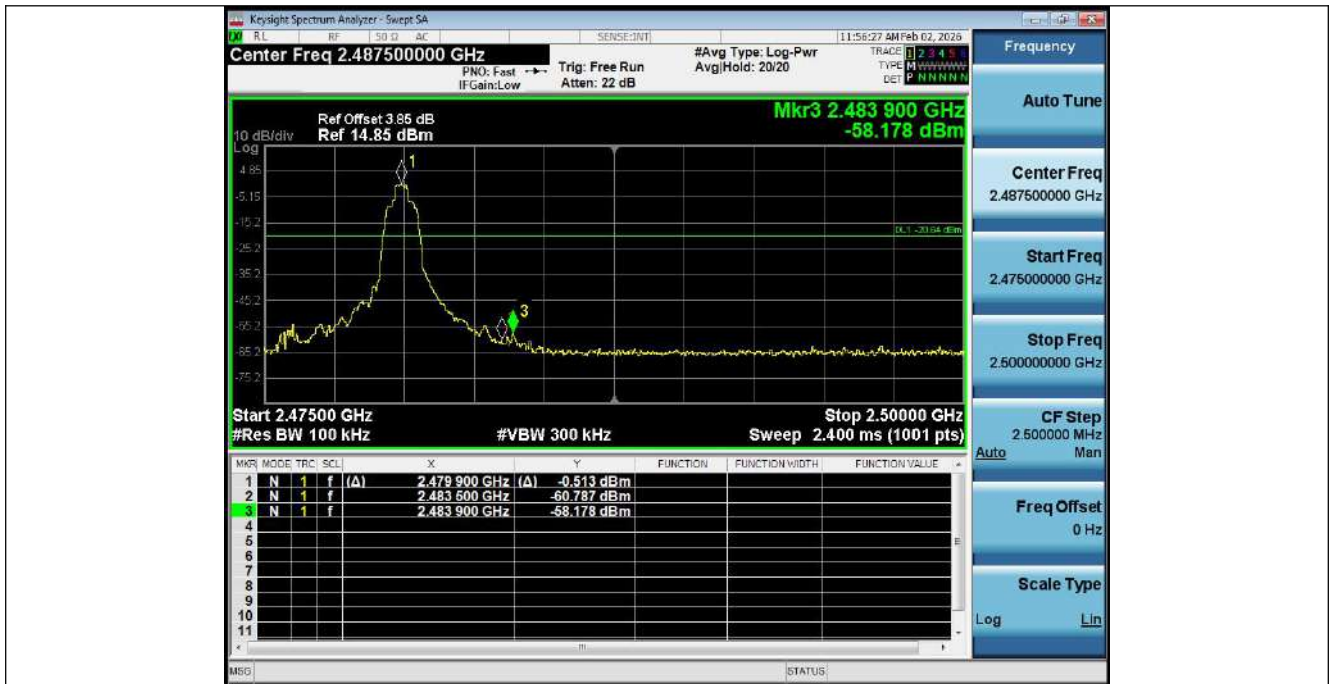
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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



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	2401.750	2402.755	1.00	0.888	Pass
NVNT	ANT1	1-DH1	2441.00	2440.738	2441.746	1.01	0.887	Pass
NVNT	ANT1	1-DH1	2480.00	2478.756	2479.749	0.99	0.889	Pass
NVNT	ANT1	2-DH1	2402.00	2401.753	2402.746	0.99	0.789	Pass
NVNT	ANT1	2-DH1	2441.00	2440.750	2441.743	0.99	0.789	Pass
NVNT	ANT1	2-DH1	2480.00	2478.750	2479.743	0.99	0.789	Pass
NVNT	ANT1	3-DH1	2402.00	2401.735	2403.058	1.32	0.801	Pass
NVNT	ANT1	3-DH1	2441.00	2440.891	2441.887	1.00	0.802	Pass
NVNT	ANT1	3-DH1	2480.00	2478.744	2479.896	1.15	0.803	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

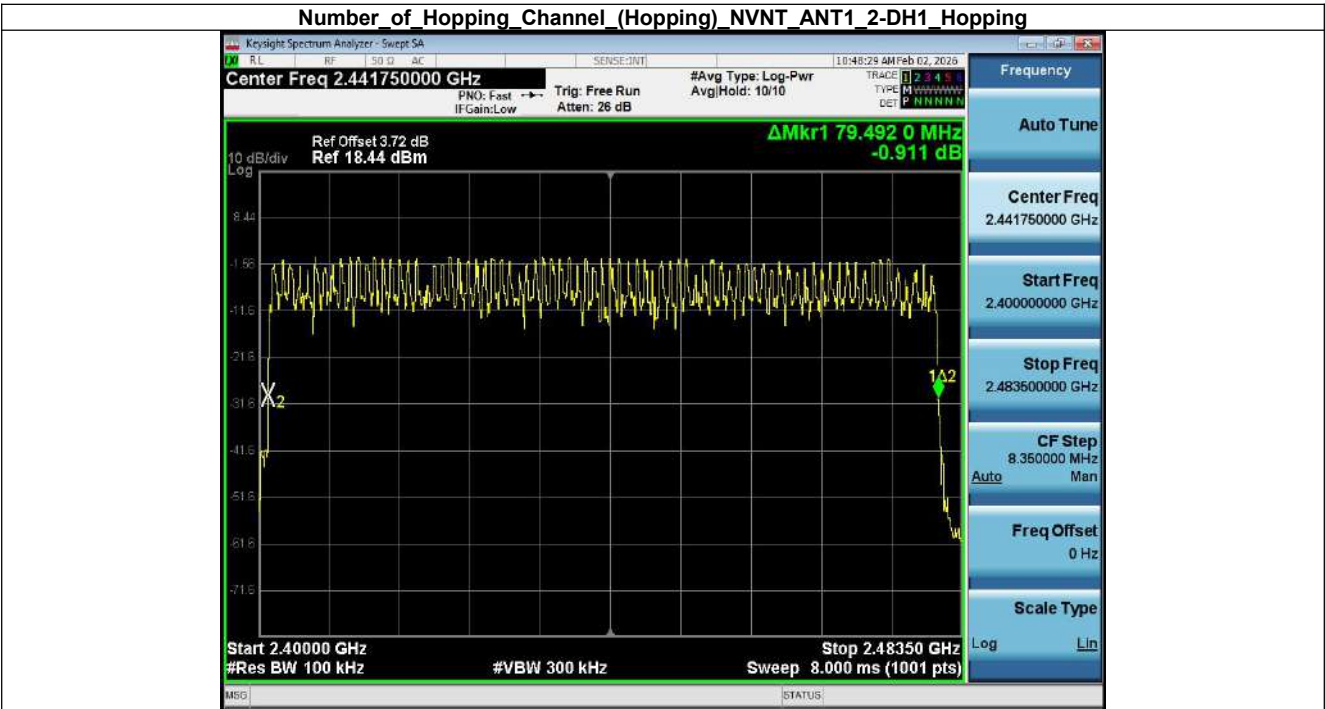
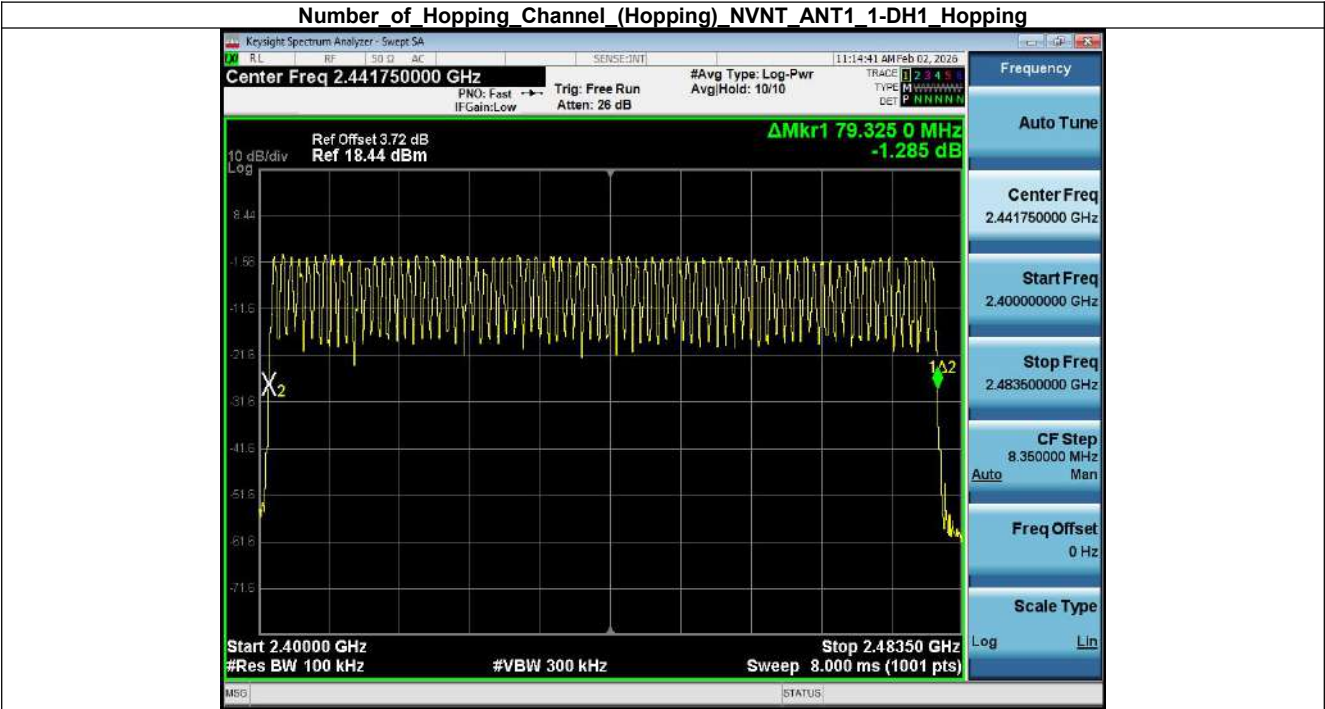


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

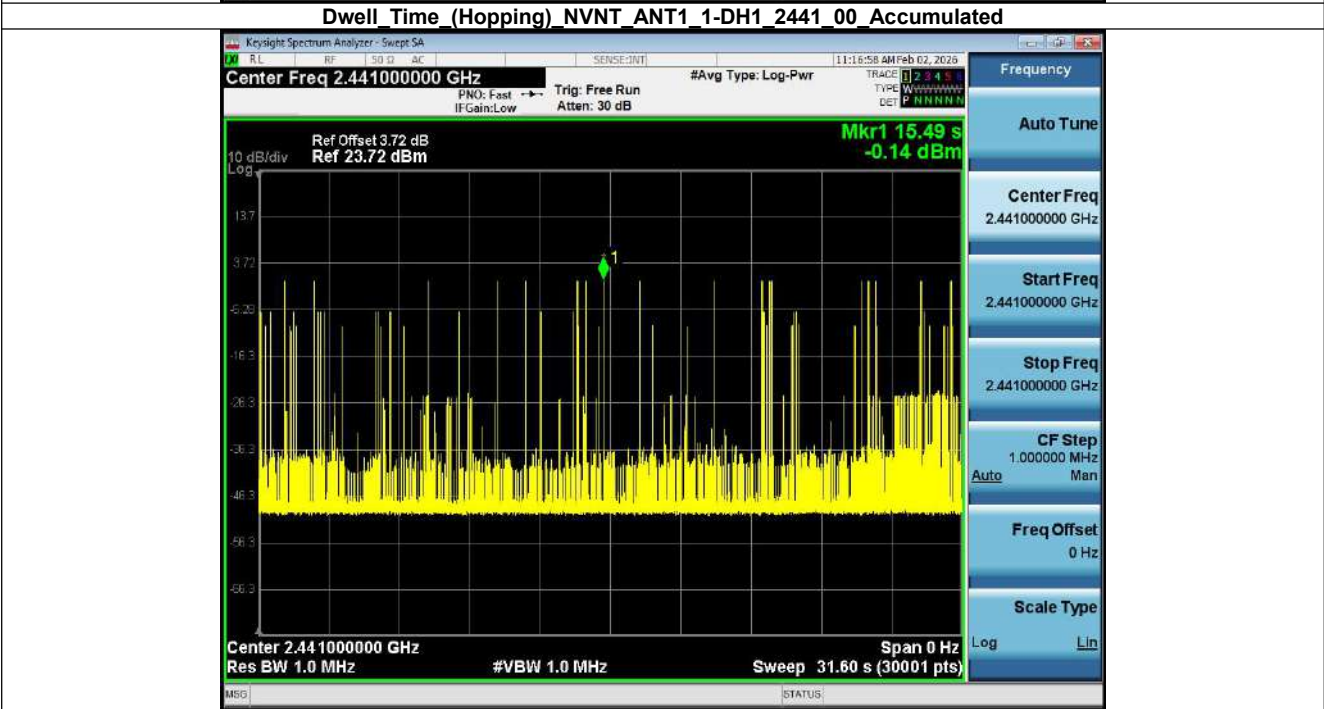
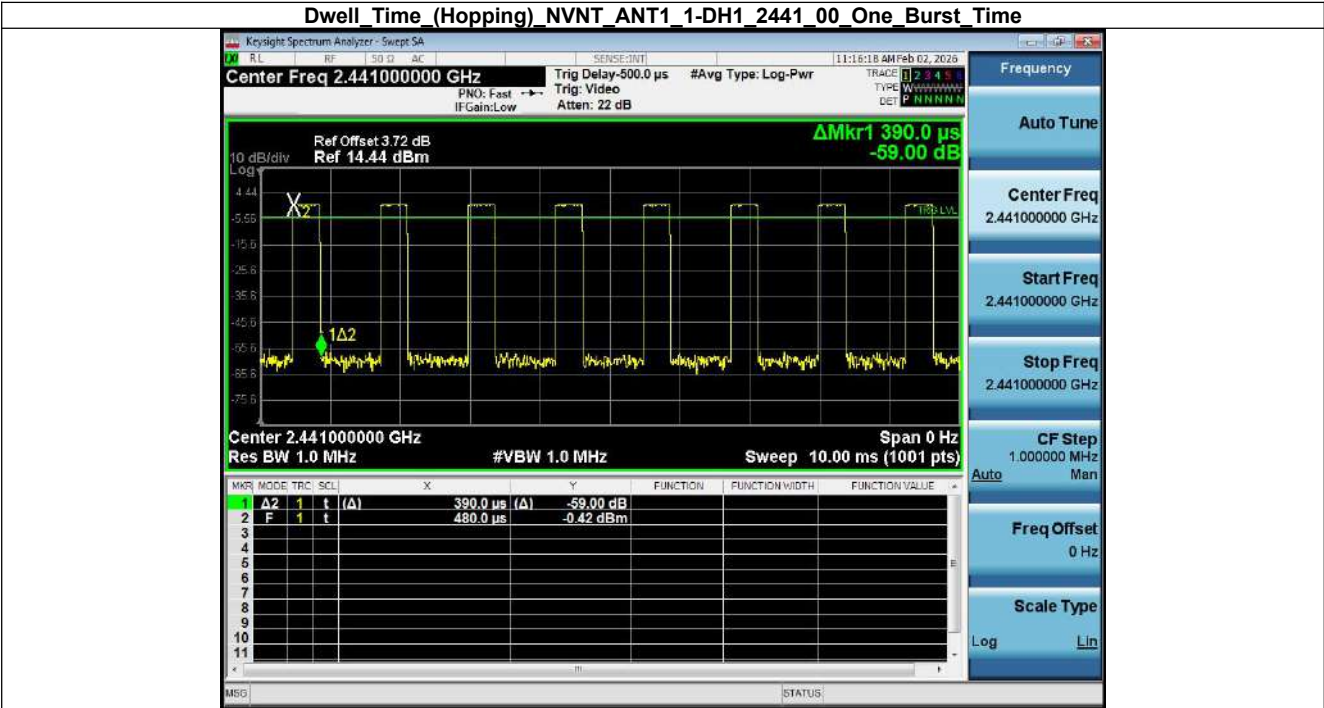


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

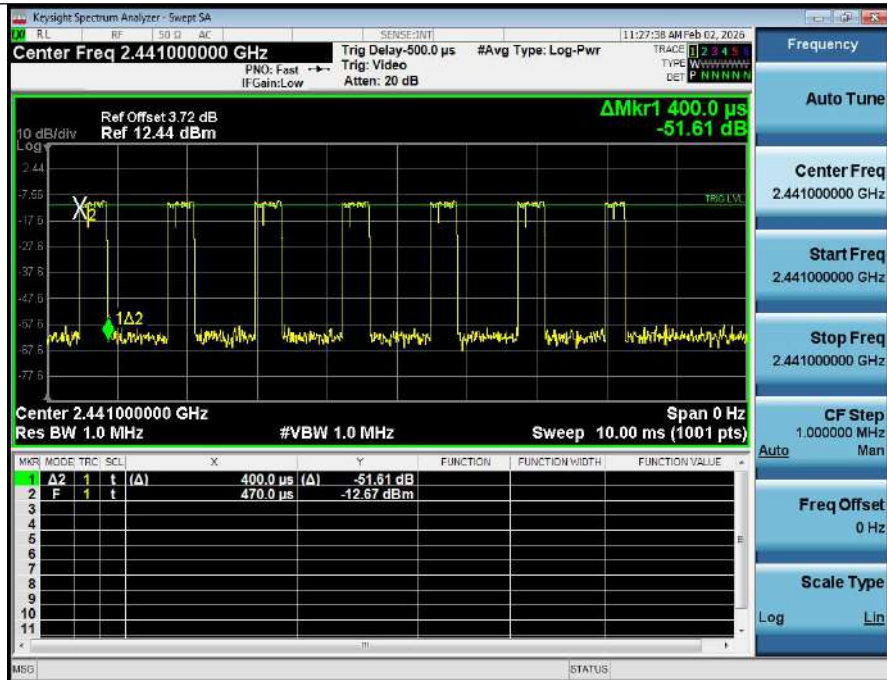


9. Dwell Time (Hopping)

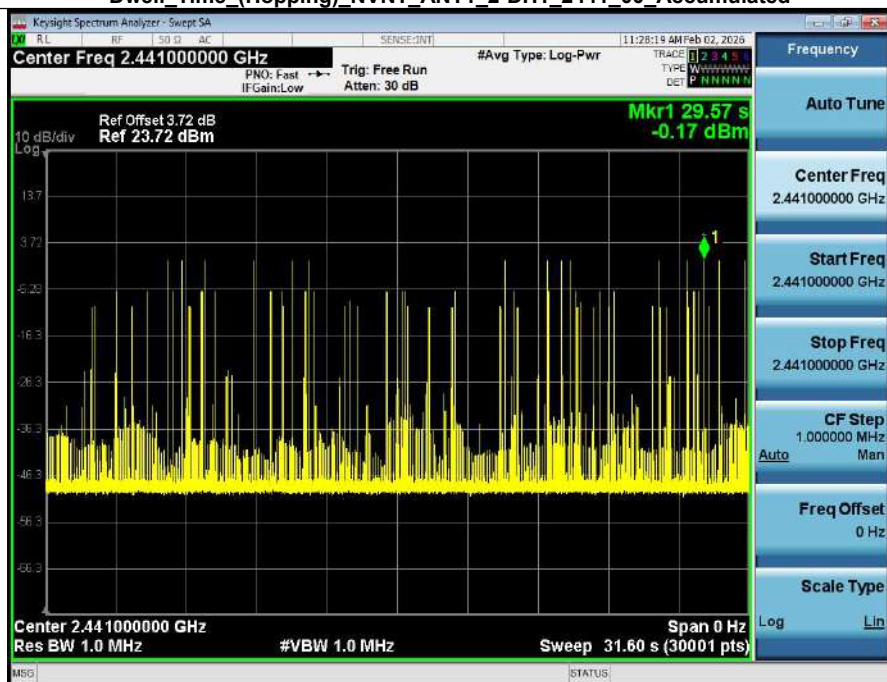
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	18.00	7.020	0.40	Pass
NVNT	ANT1	2-DH1	0.400	15.00	6.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	20.00	8.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	15.00	24.750	0.40	Pass
NVNT	ANT1	1-DH5	2.900	10.00	29.000	0.40	Pass
NVNT	ANT1	2-DH3	1.650	9.00	14.850	0.40	Pass
NVNT	ANT1	2-DH5	2.890	7.00	20.230	0.40	Pass
NVNT	ANT1	3-DH3	1.640	19.00	31.160	0.40	Pass
NVNT	ANT1	3-DH5	2.900	14.00	40.600	0.40	Pass



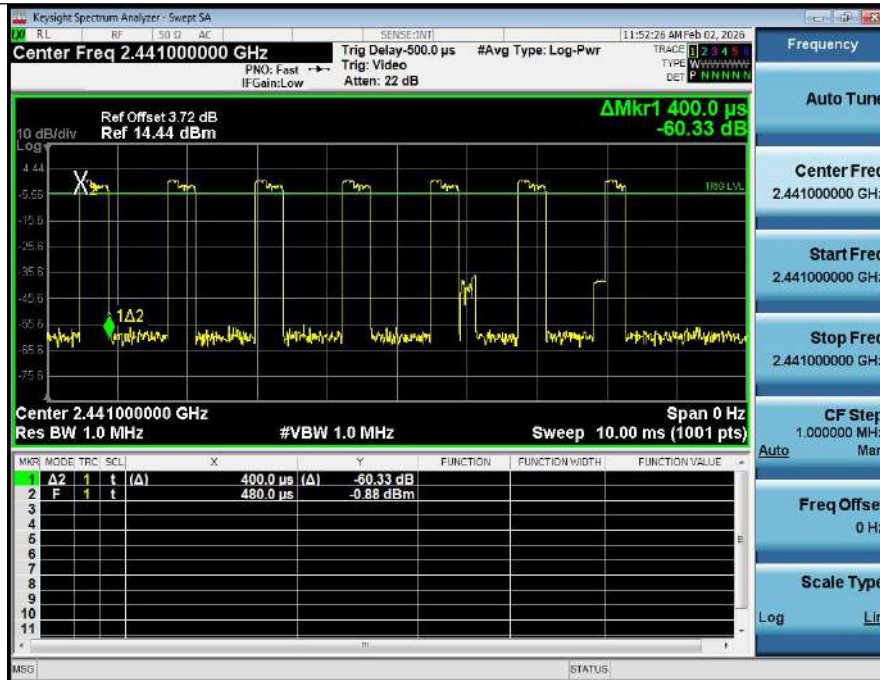
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



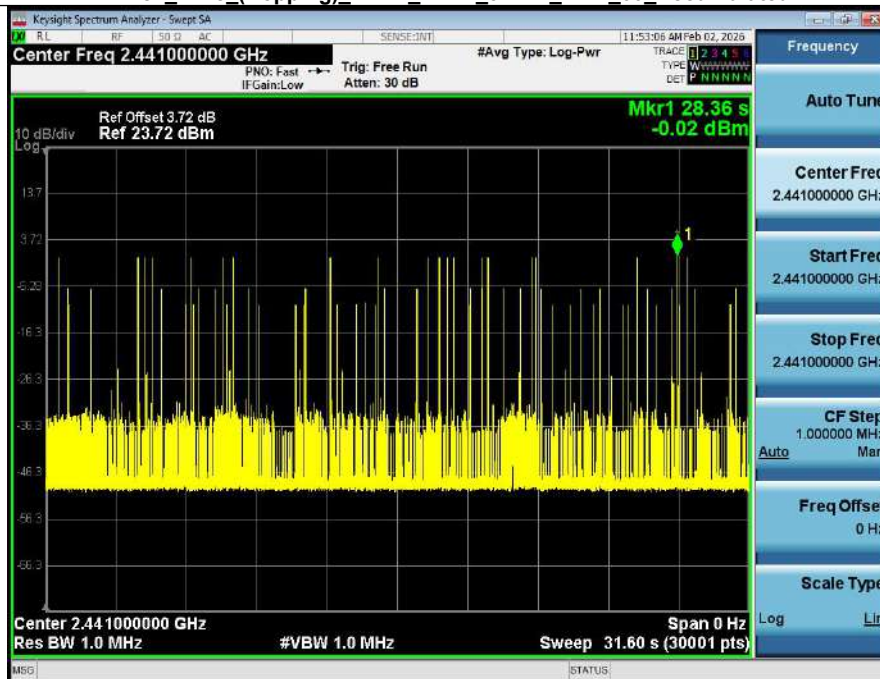
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_00_Accumulated



Dwell Time (Hopping) NVNT ANT1 3-DH1 2441 00 One Burst Time



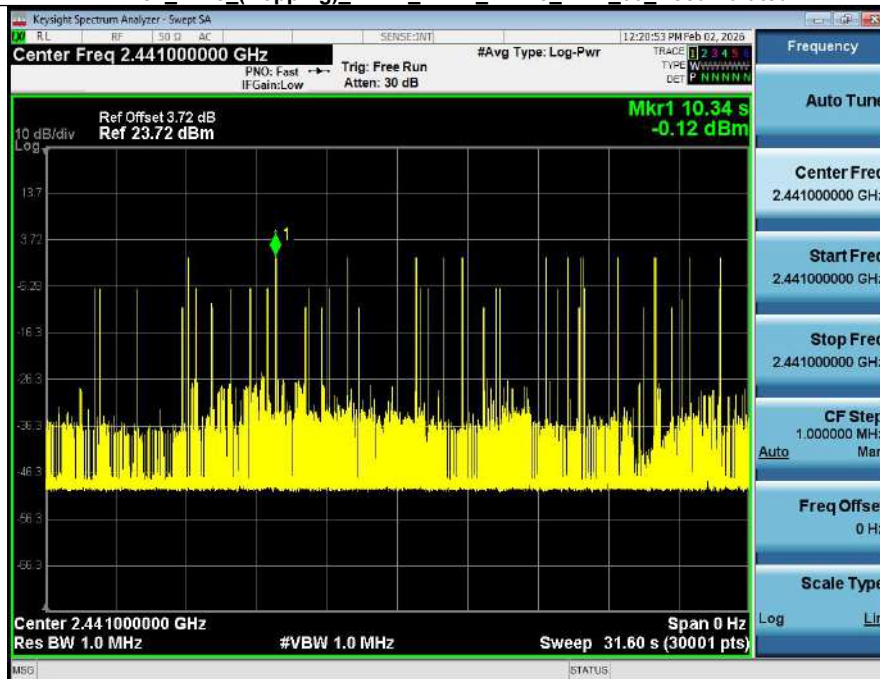
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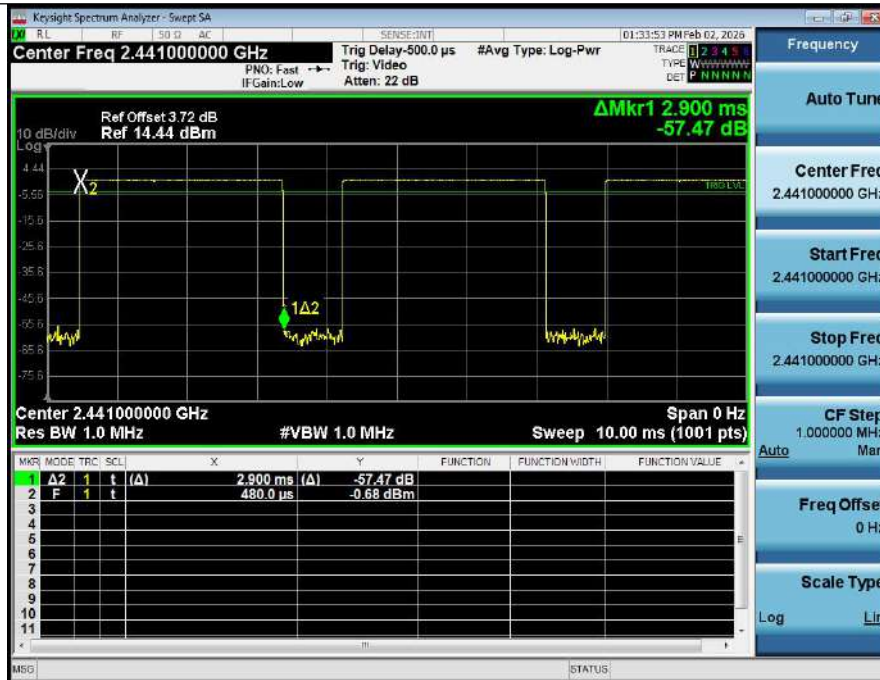
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



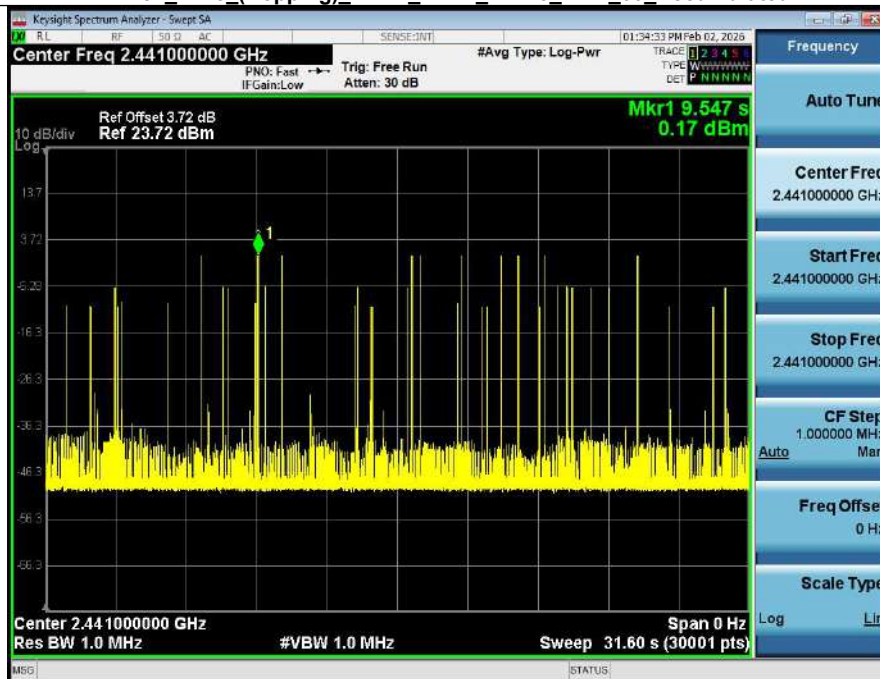
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



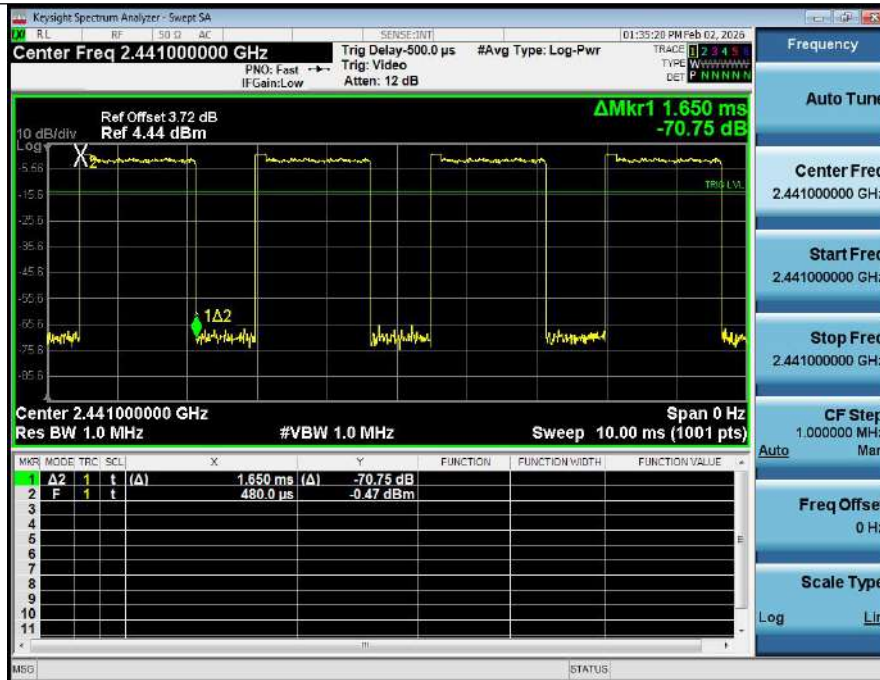
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



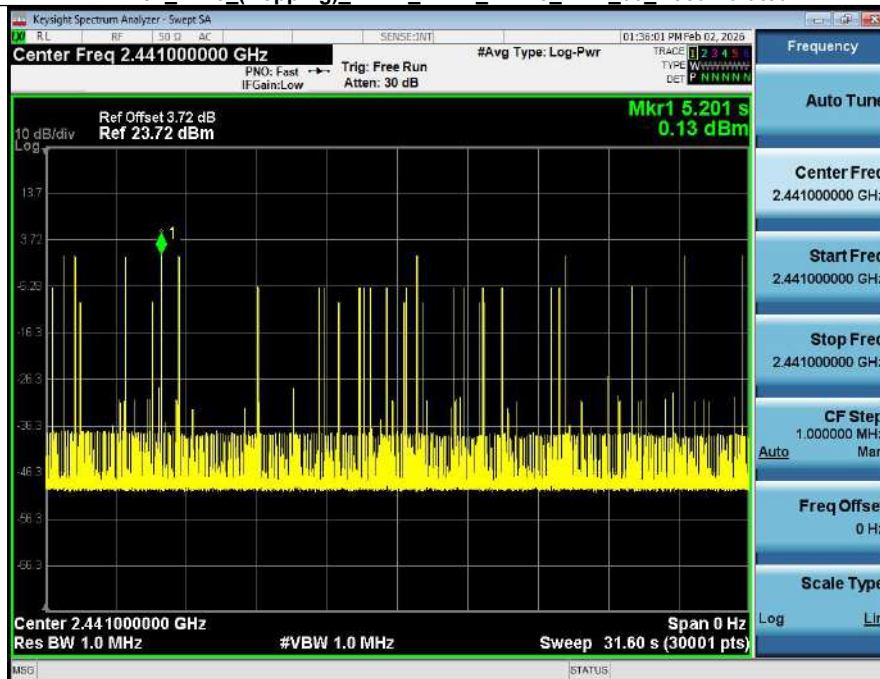
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



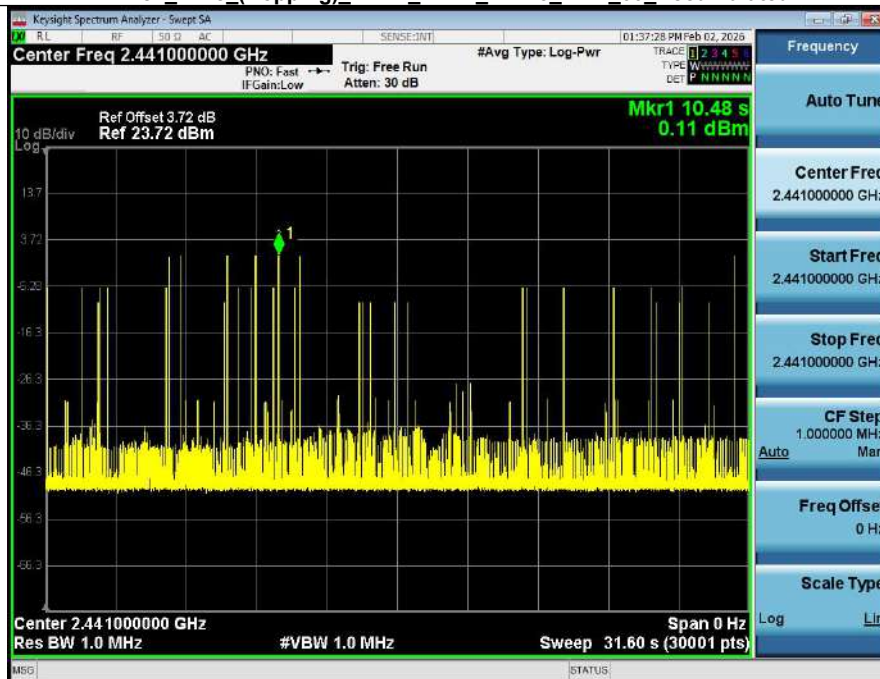
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



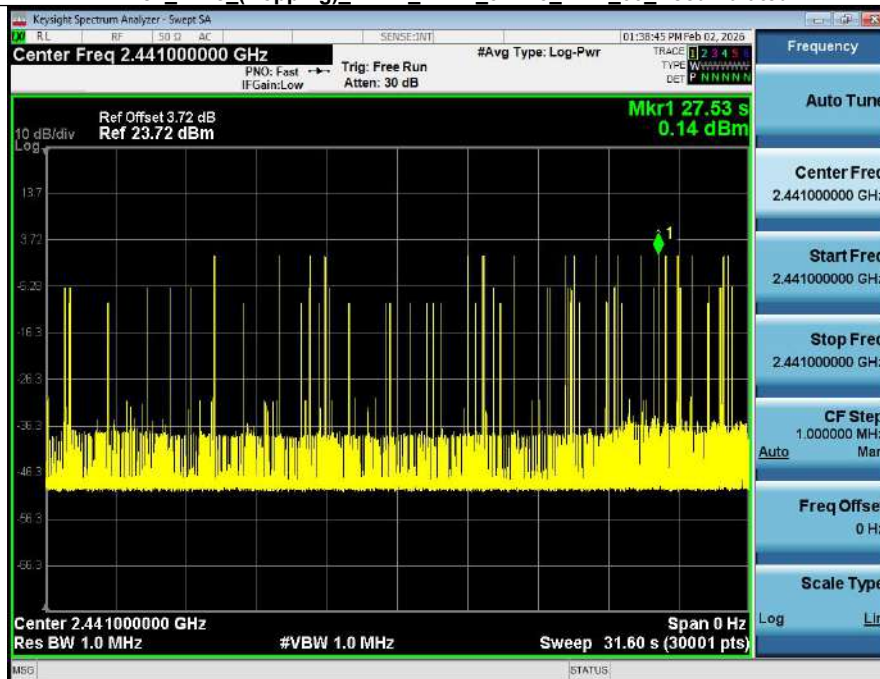
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

