

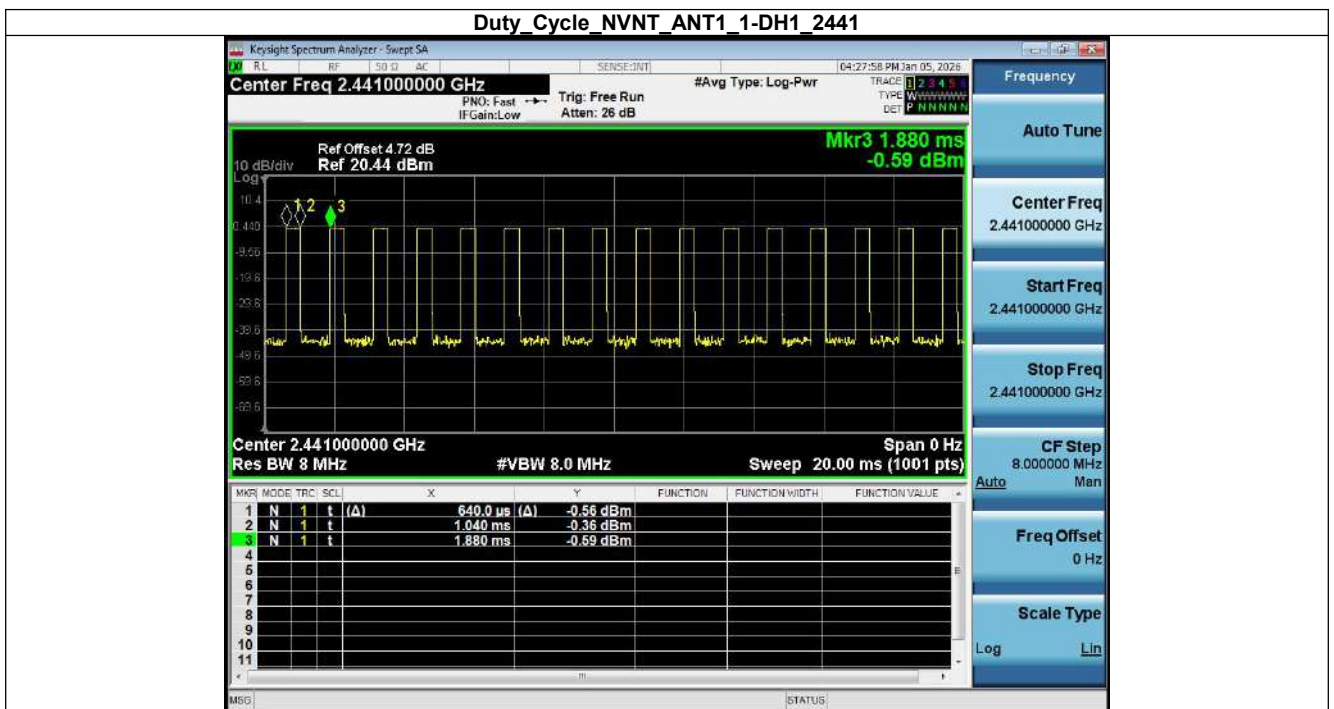
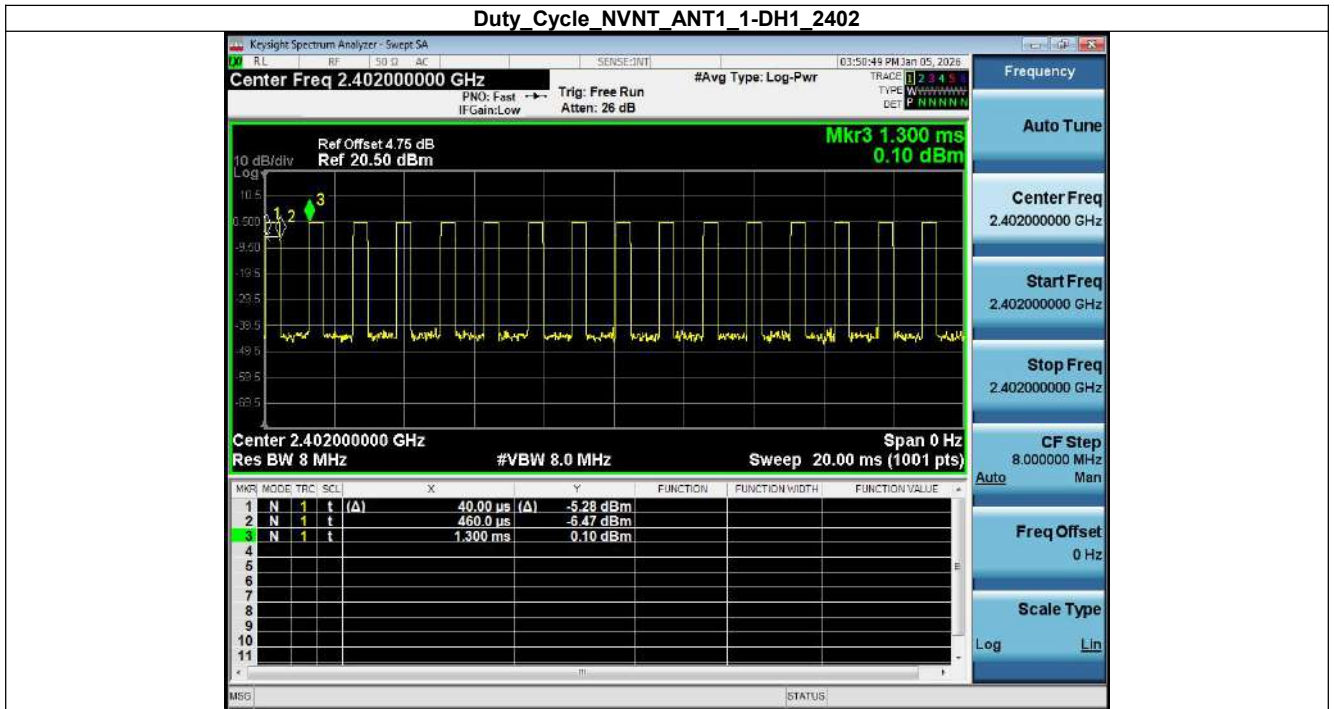
FCC ID EDR
FCC_BT (Part15.247) Test Data
FCC ID:2BKTL-PERPLUS1

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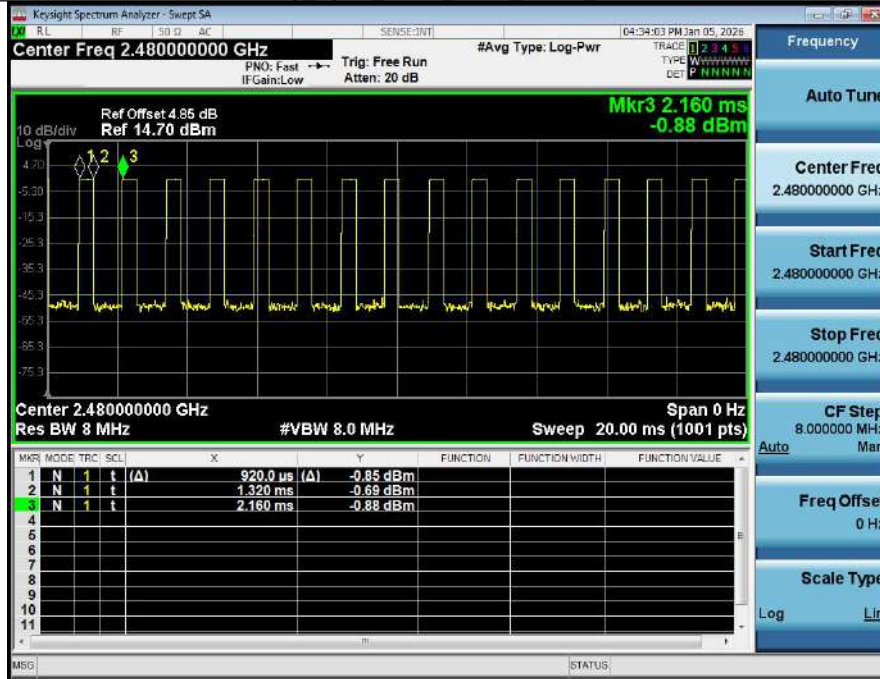
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1. Duty Cycle

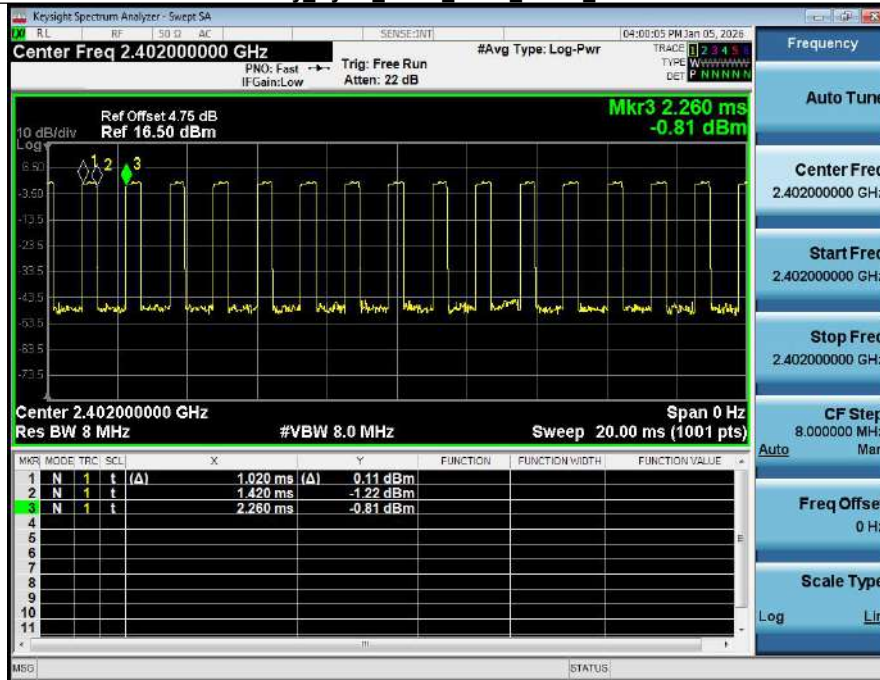
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	33.33	4.77
NVNT	ANT1	1-DH1	2441.00	32.26	4.91
NVNT	ANT1	1-DH1	2480.00	33.87	4.70
NVNT	ANT1	2-DH1	2402.00	33.87	4.70
NVNT	ANT1	2-DH1	2441.00	32.26	4.91
NVNT	ANT1	2-DH1	2480.00	33.87	4.70
NVNT	ANT1	3-DH1	2402.00	35.48	4.50
NVNT	ANT1	3-DH1	2441.00	33.87	4.70
NVNT	ANT1	3-DH1	2480.00	34.92	4.57



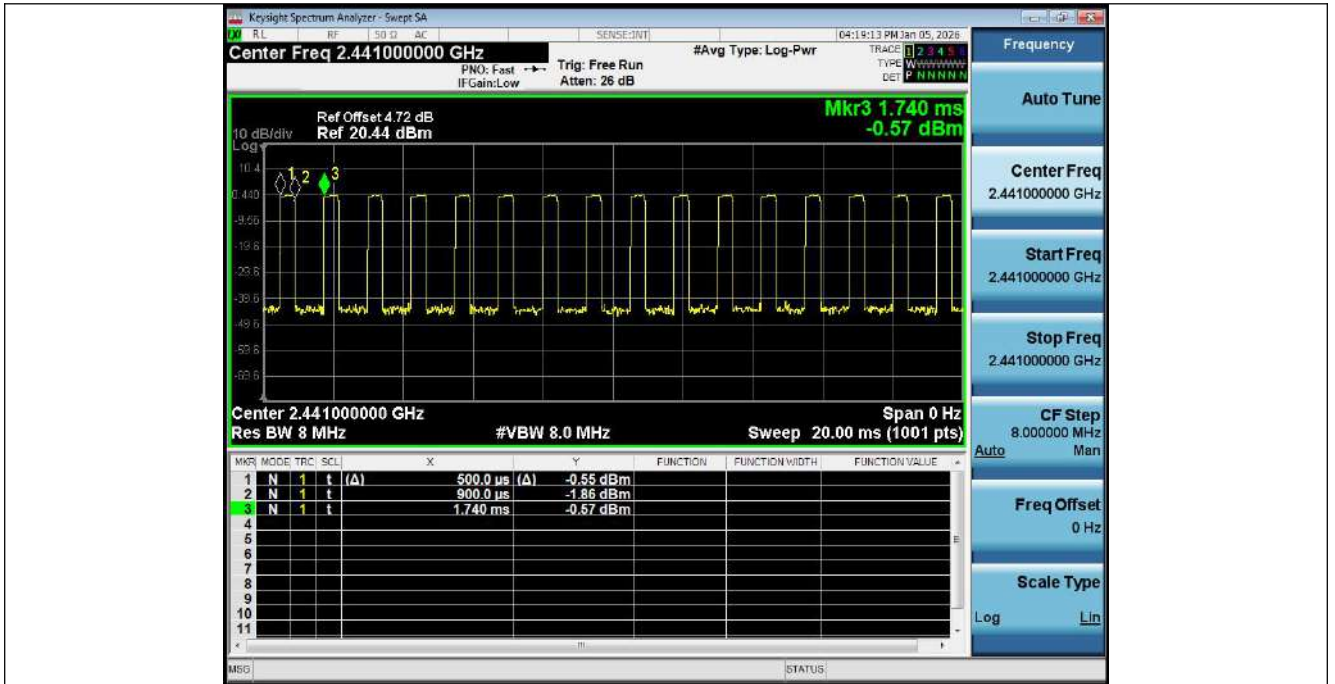
Duty Cycle_NVNT_ANT1_1-DH1_2480



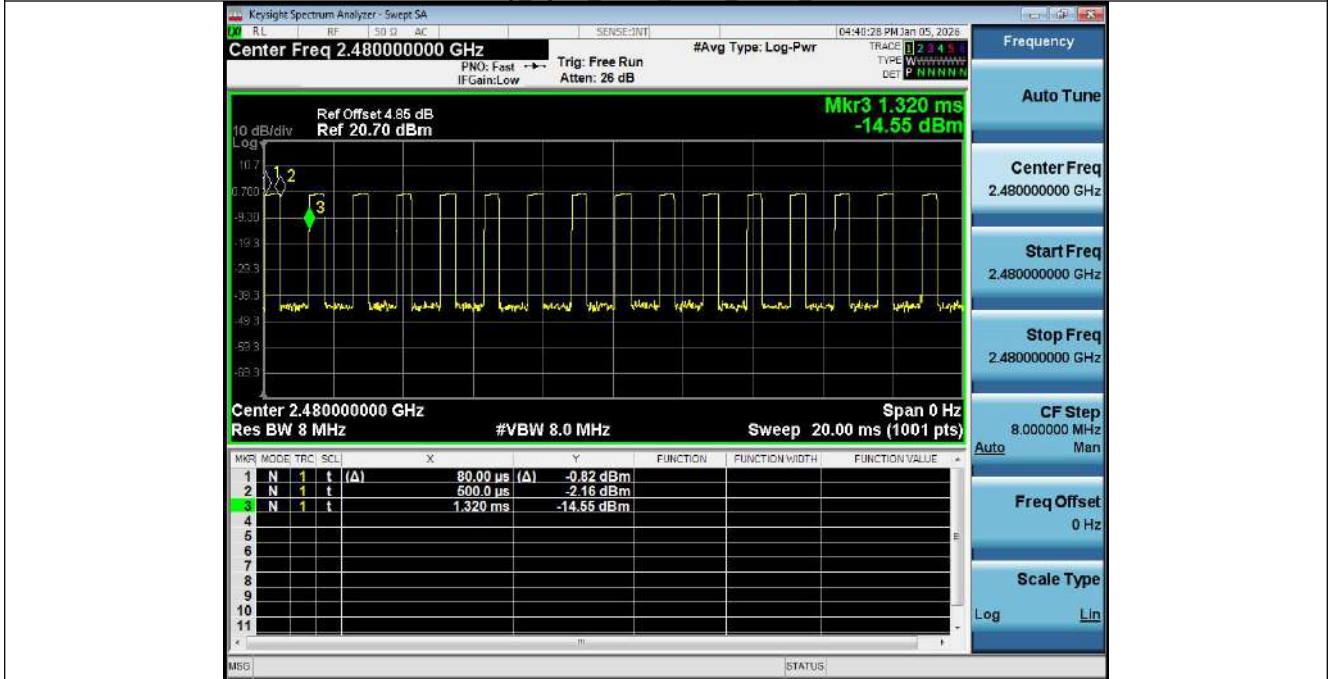
Duty Cycle_NVNT_ANT1_2-DH1_2402



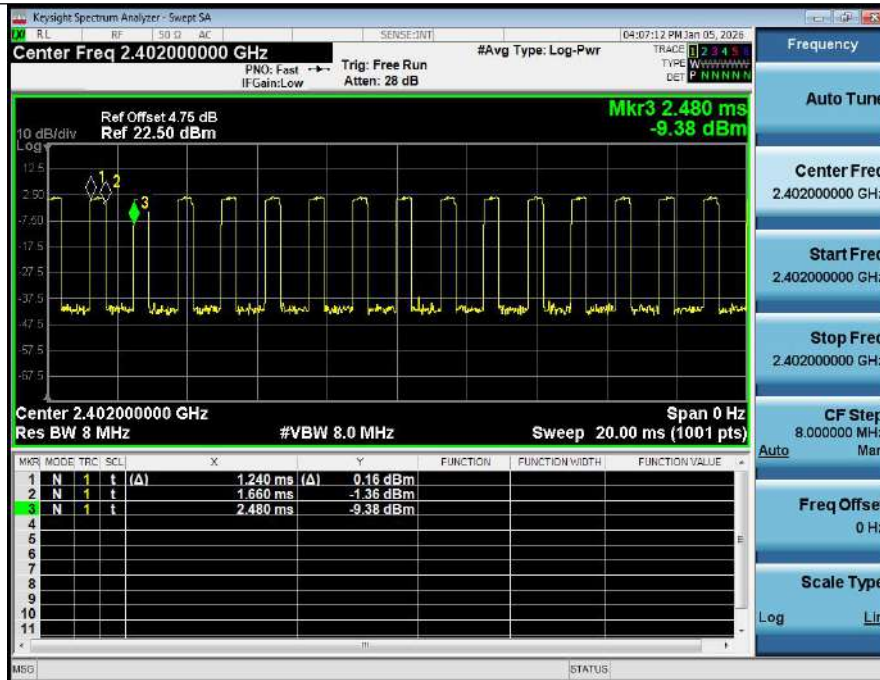
Duty Cycle_NVNT_ANT1_2-DH1_2441



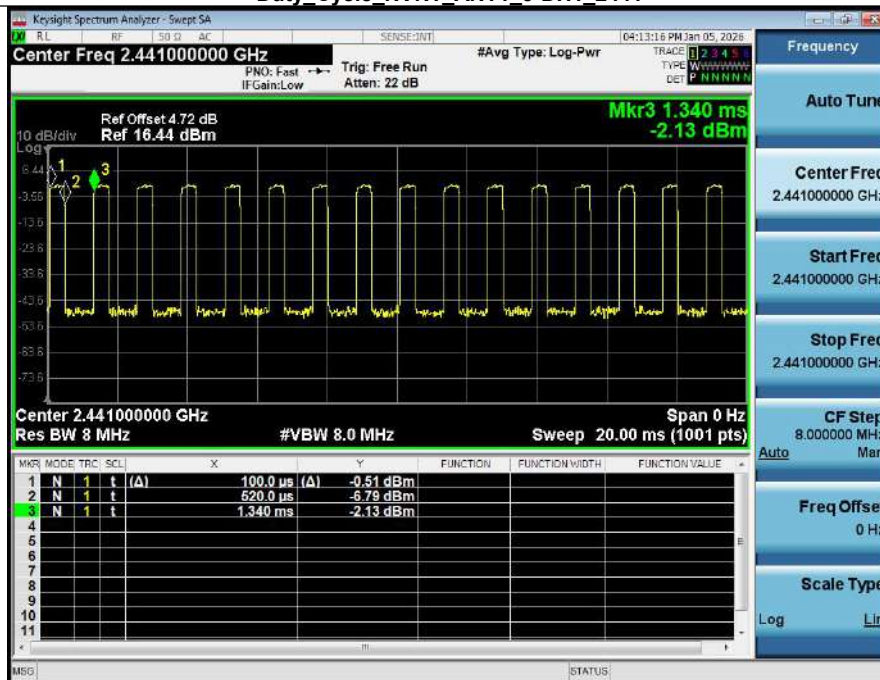
Duty Cycle_NVNT_ANT1 2-DH1_2480



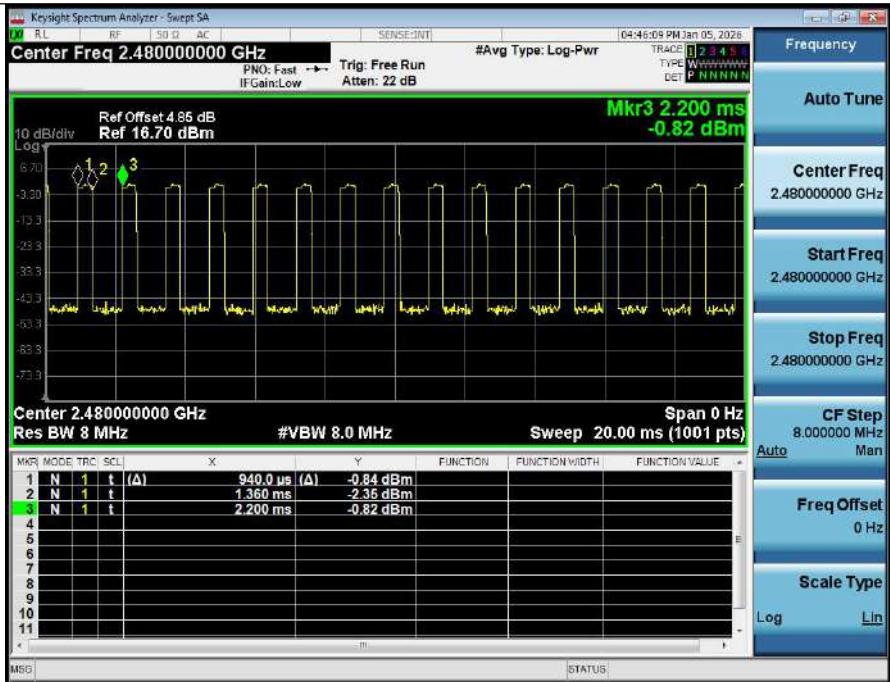
Duty Cycle_NVNT_ANT1 3-DH1_2402



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	0.880	No
NVNT	ANT1	1-DH1	2441.00	0.880	No
NVNT	ANT1	1-DH1	2480.00	0.879	No
NVNT	ANT1	2-DH1	2402.00	1.246	Yes
NVNT	ANT1	2-DH1	2441.00	1.245	Yes
NVNT	ANT1	2-DH1	2480.00	1.247	Yes
NVNT	ANT1	3-DH1	2402.00	1.214	Yes
NVNT	ANT1	3-DH1	2441.00	1.216	Yes
NVNT	ANT1	3-DH1	2480.00	1.216	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	0.816
NVNT	ANT1	1-DH1	2441.00	0.816
NVNT	ANT1	1-DH1	2480.00	0.816
NVNT	ANT1	2-DH1	2402.00	1.145
NVNT	ANT1	2-DH1	2441.00	1.145
NVNT	ANT1	2-DH1	2480.00	1.146
NVNT	ANT1	3-DH1	2402.00	1.129
NVNT	ANT1	3-DH1	2441.00	1.131
NVNT	ANT1	3-DH1	2480.00	1.130



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	0.27	1.06	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.33	0.93	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.69	0.85	1000	Pass
NVNT	ANT1	2-DH1	2402.00	1.06	1.28	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.42	1.10	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.12	1.03	125	Pass
NVNT	ANT1	3-DH1	2402.00	1.66	1.46	125	Pass
NVNT	ANT1	3-DH1	2441.00	1.00	1.26	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.68	1.17	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



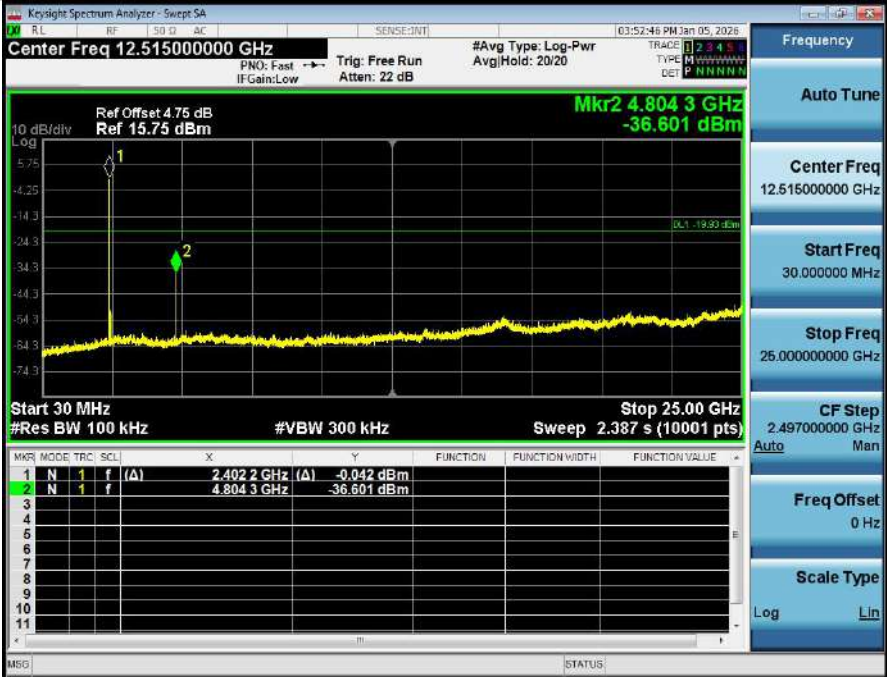
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.069	-36.601	-19.931	Pass
NVNT	ANT1	1-DH1	2441.00	-0.544	-33.937	-20.544	Pass
NVNT	ANT1	1-DH1	2480.00	-0.871	-37.823	-20.871	Pass
NVNT	ANT1	2-DH1	2402.00	0.087	-34.816	-19.913	Pass
NVNT	ANT1	2-DH1	2441.00	-0.533	-35.683	-20.533	Pass
NVNT	ANT1	2-DH1	2480.00	-0.877	-40.189	-20.877	Pass
NVNT	ANT1	3-DH1	2402.00	0.122	-40.379	-19.878	Pass
NVNT	ANT1	3-DH1	2441.00	-0.525	-36.155	-20.525	Pass
NVNT	ANT1	3-DH1	2480.00	-0.871	-38.039	-20.871	Pass

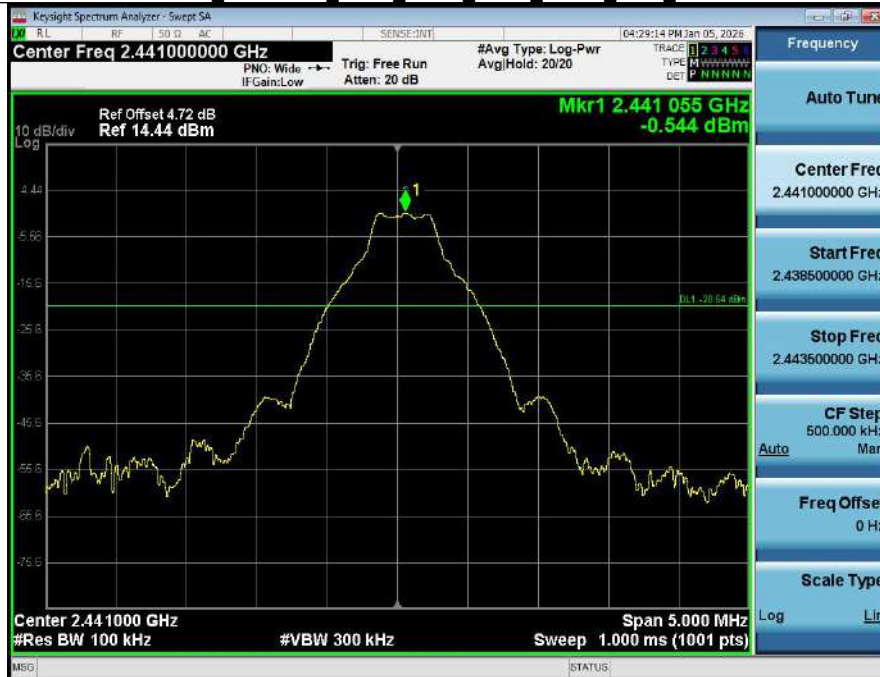
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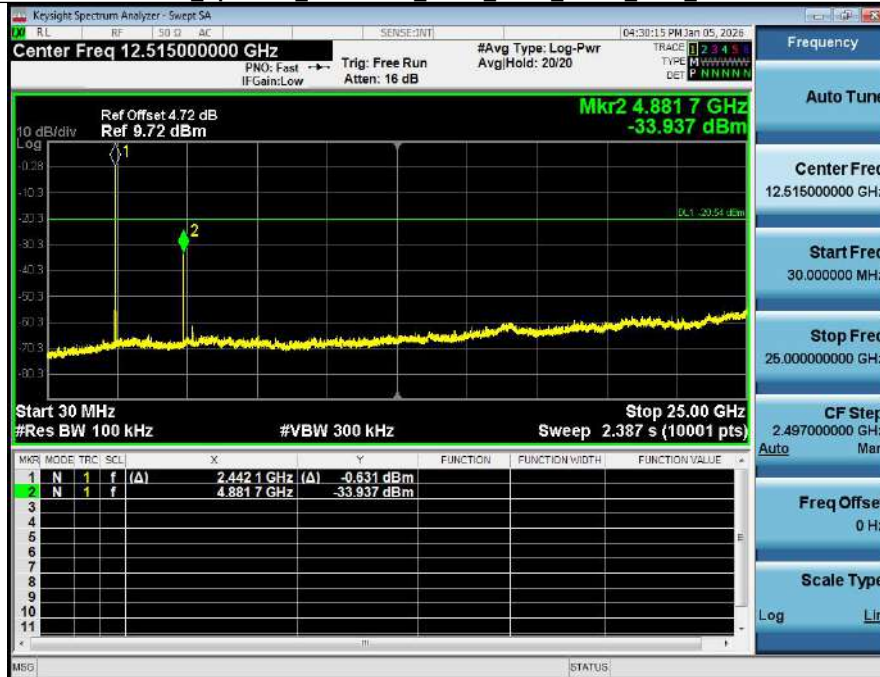
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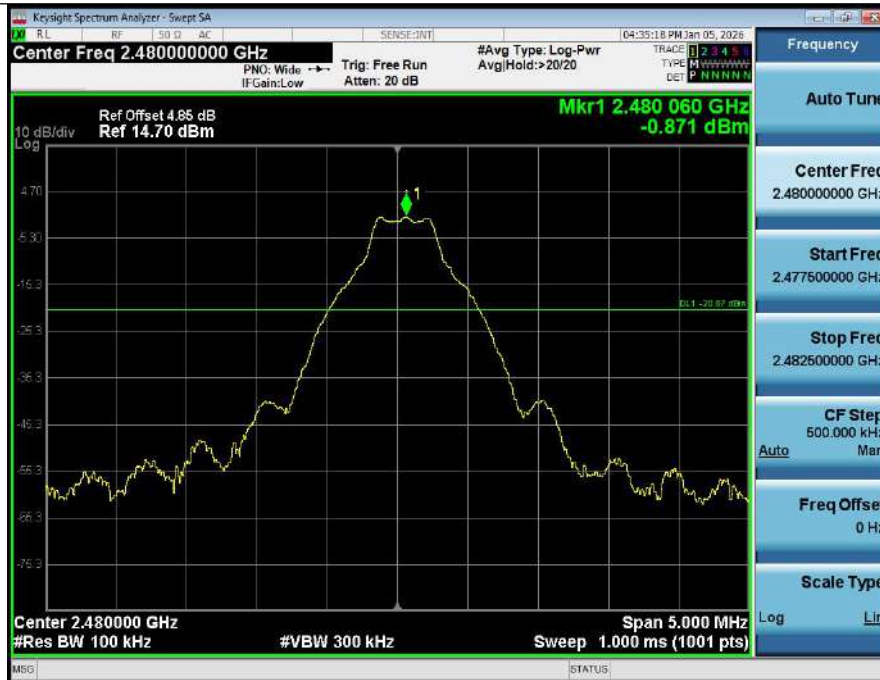
1 Reference Level NVNT ANT1 1-DH1 2441_00



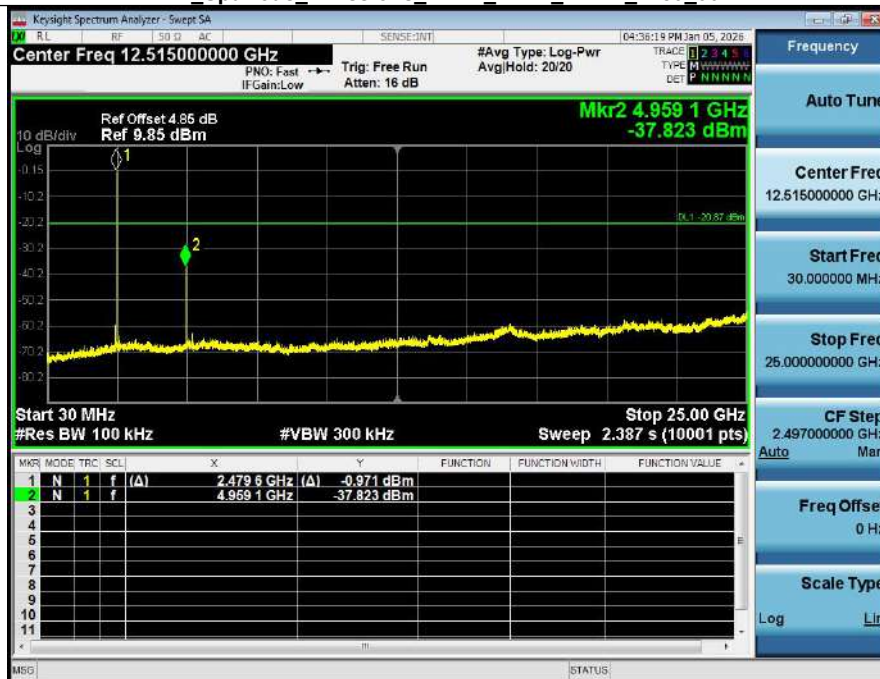
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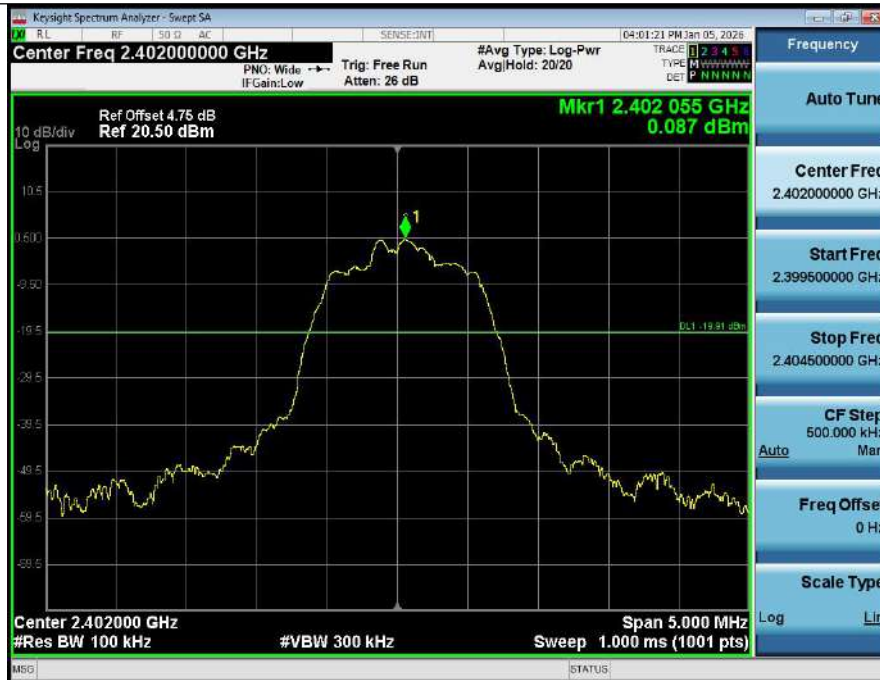
1 Reference Level NVNT ANT1 1-DH1 2480_00



2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00



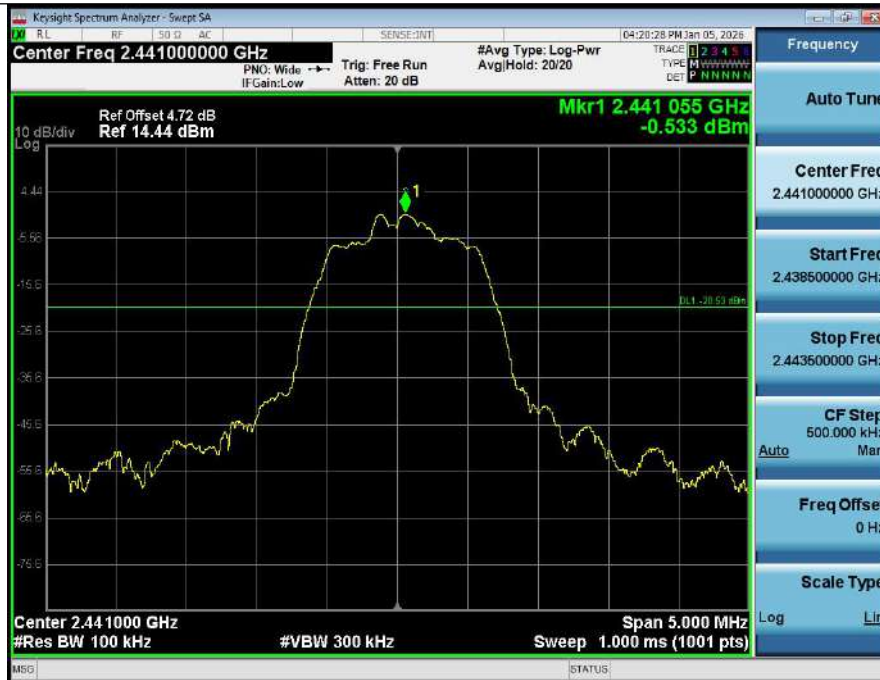
1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



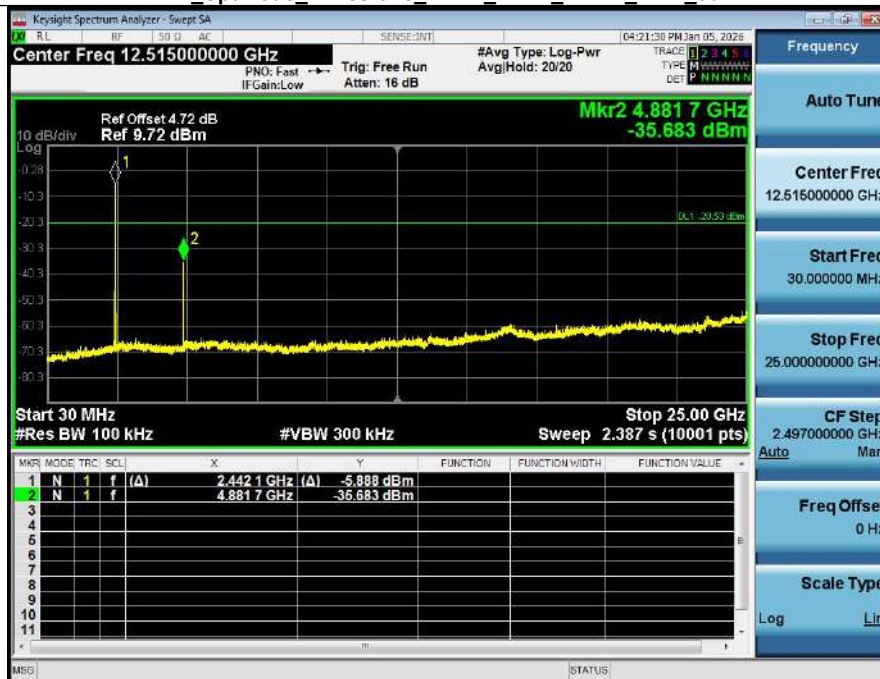
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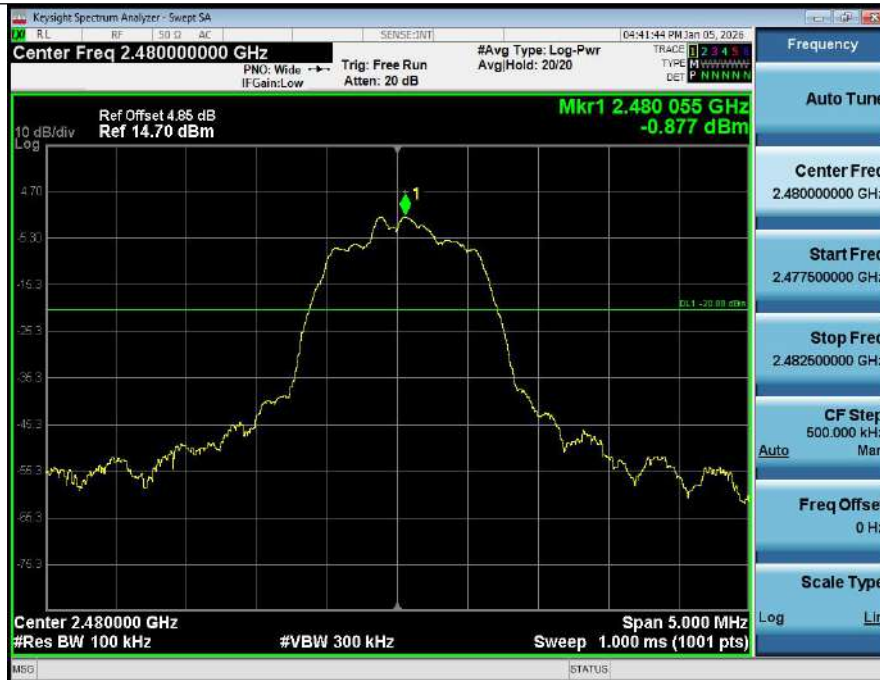
1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



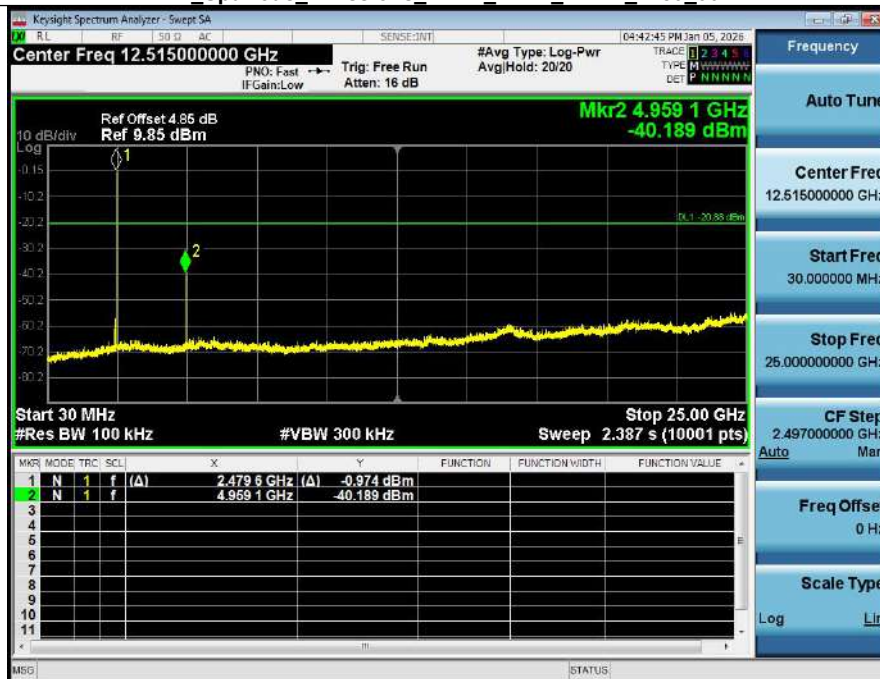
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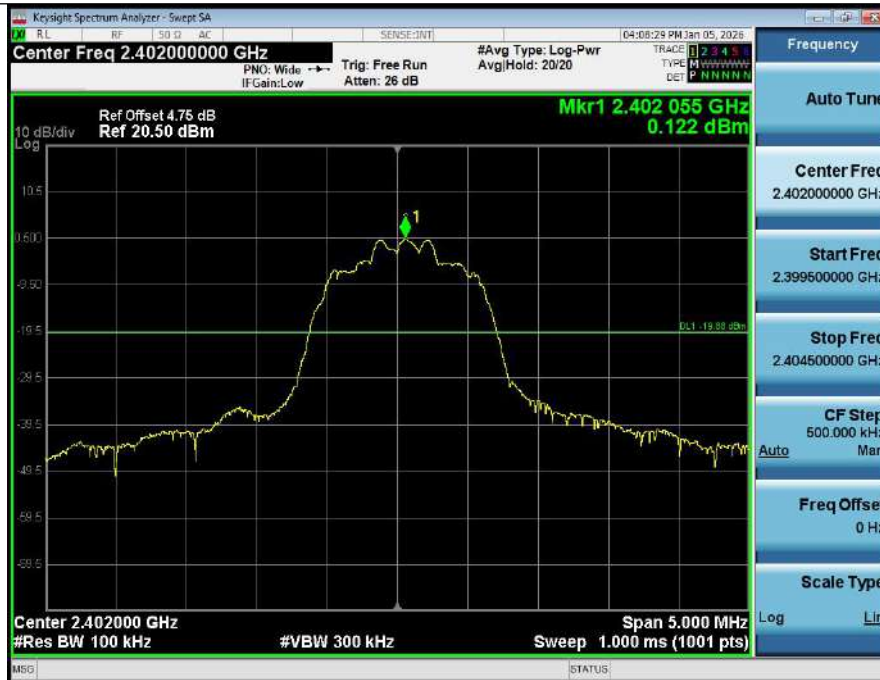
1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



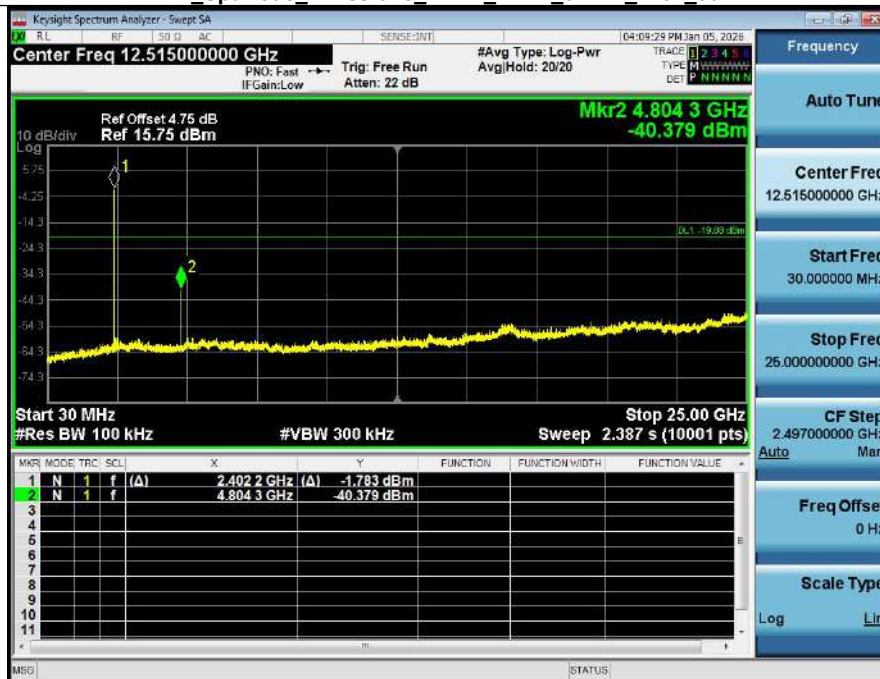
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



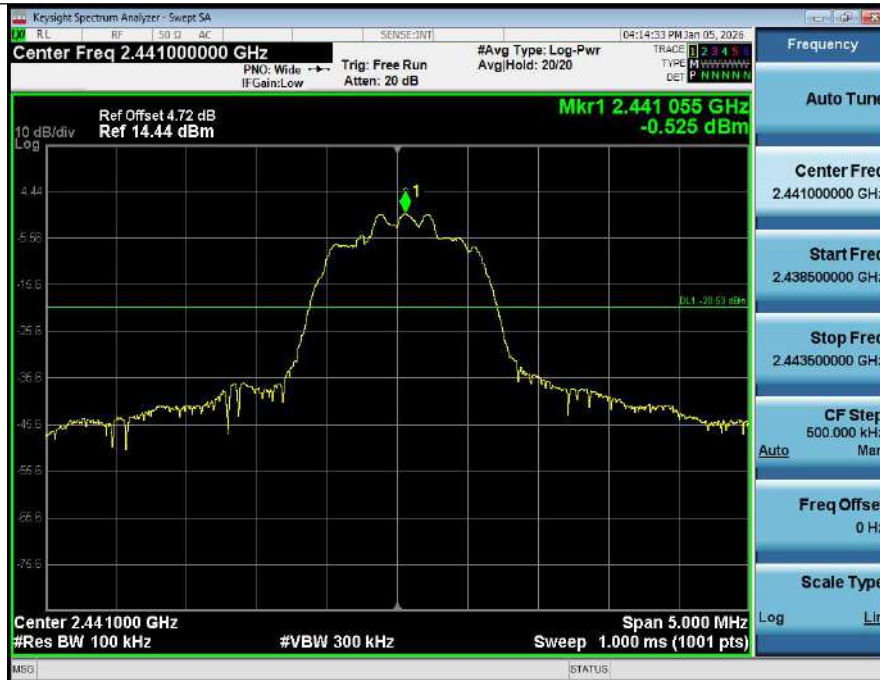
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



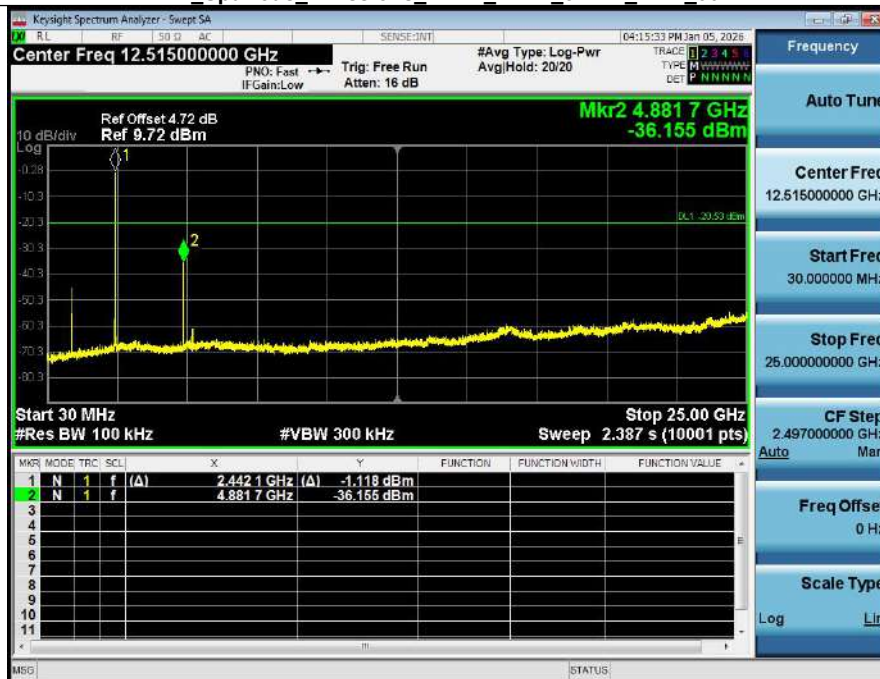
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



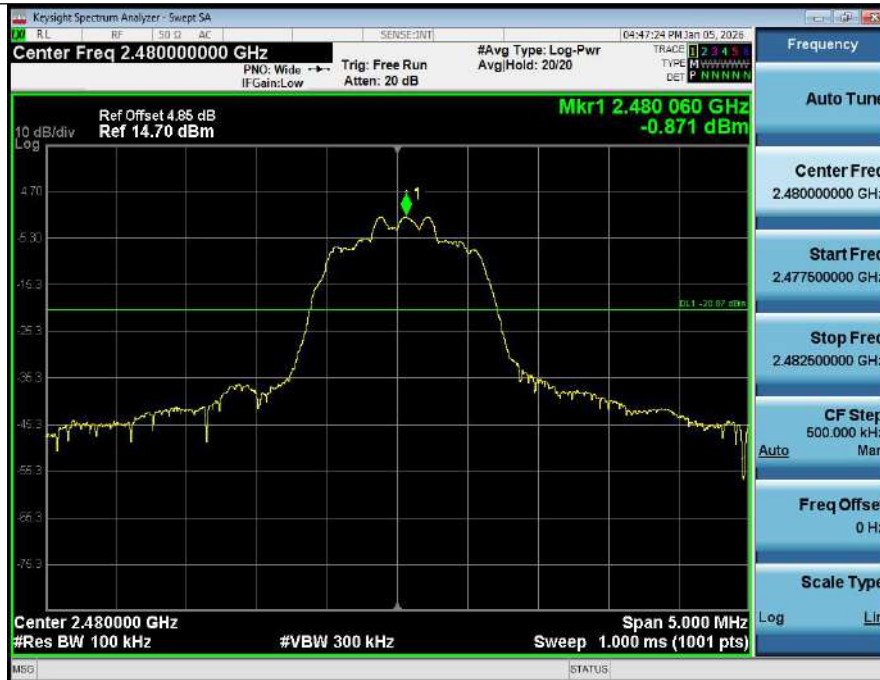
1 Reference Level_NVNT_ANT1_3-DH1_2441_00



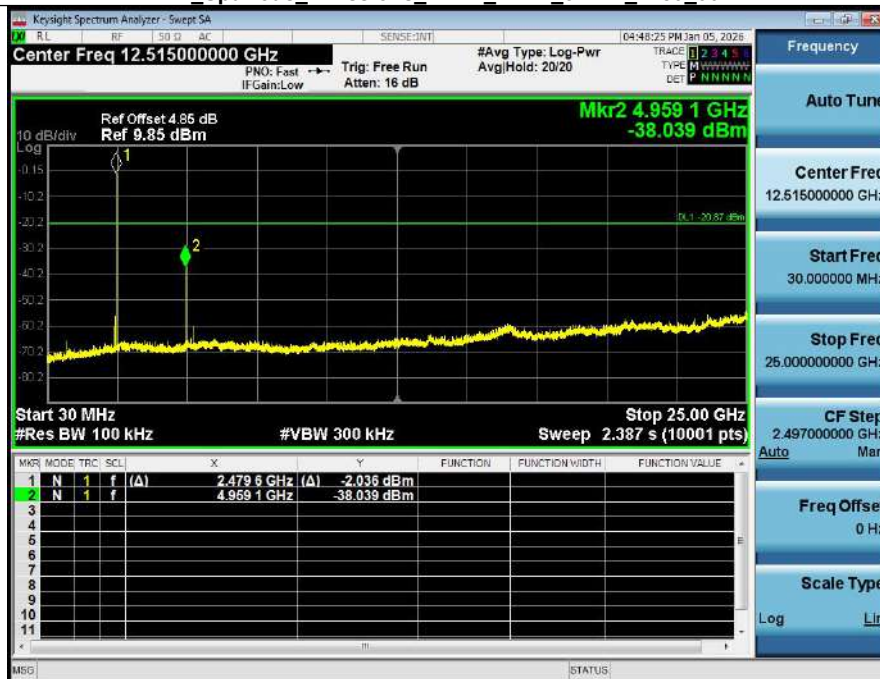
2 Spurious Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



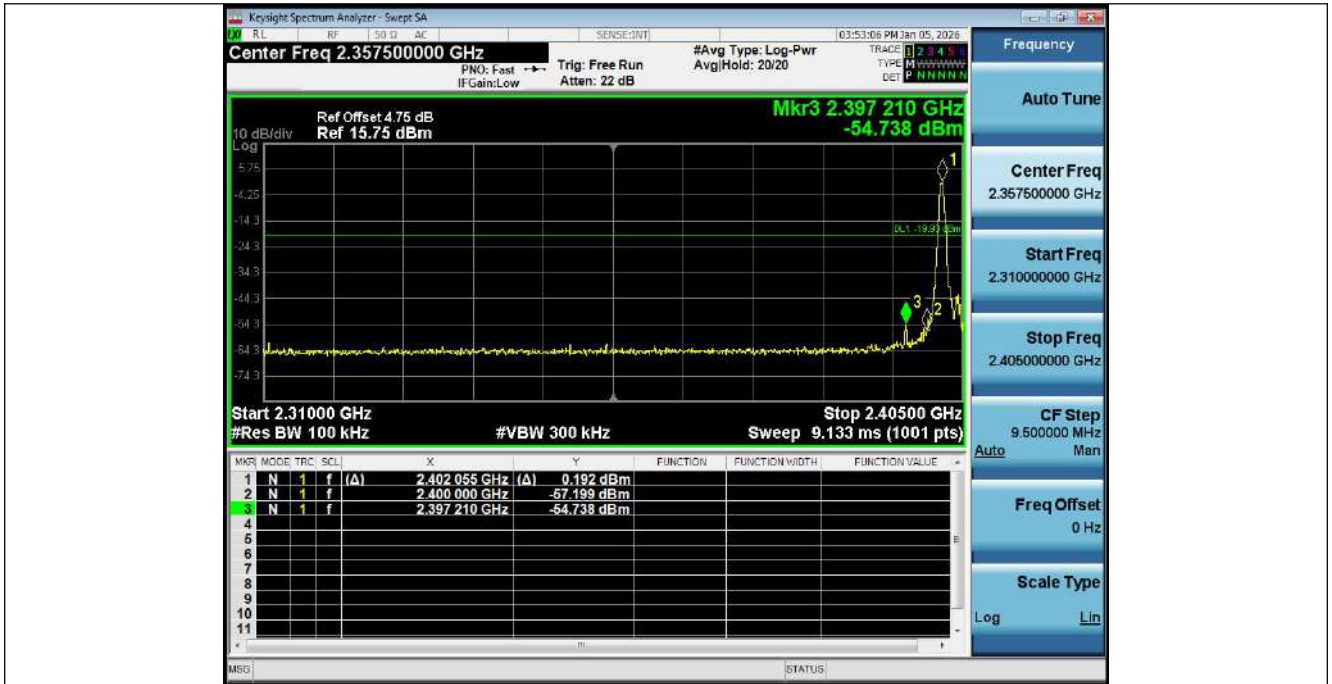
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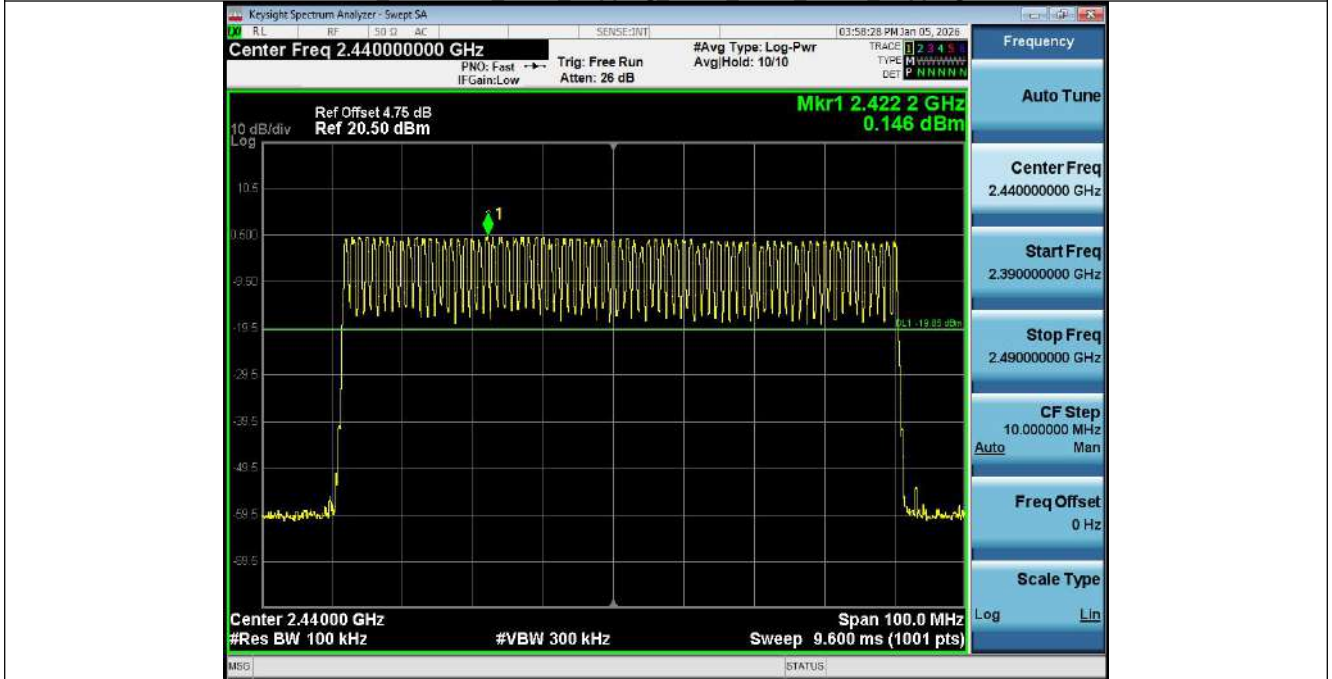
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.069	-54.738	-19.931	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.146	-54.073	-19.854	Pass
NVNT	ANT1	1-DH1	2480.00	-0.871	-55.603	-20.871	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.249	-59.231	-19.751	Pass
NVNT	ANT1	2-DH1	2402.00	0.087	-51.015	-19.913	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.178	-55.170	-19.822	Pass
NVNT	ANT1	2-DH1	2480.00	-0.877	-55.383	-20.877	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.241	-58.029	-19.759	Pass
NVNT	ANT1	3-DH1	2402.00	0.122	-43.394	-19.878	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.119	-43.942	-19.881	Pass
NVNT	ANT1	3-DH1	2480.00	-0.871	-49.736	-20.871	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.209	-49.568	-19.791	Pass

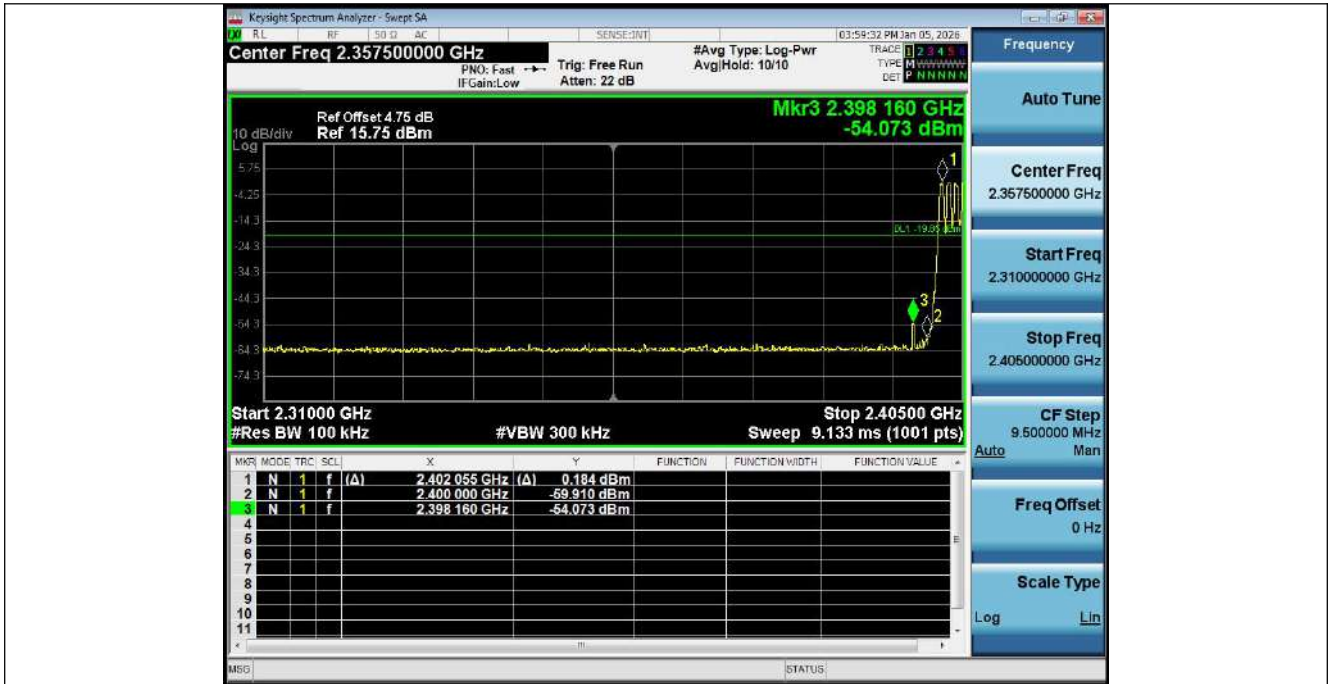




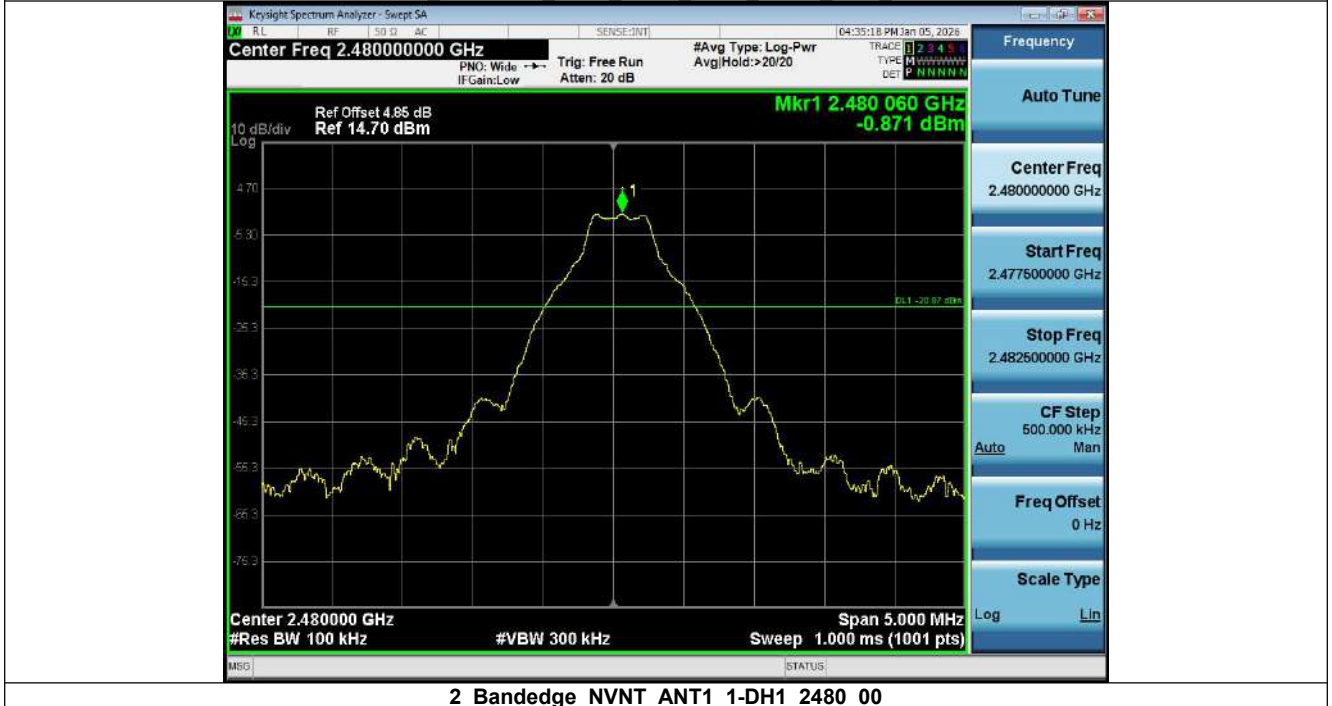
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



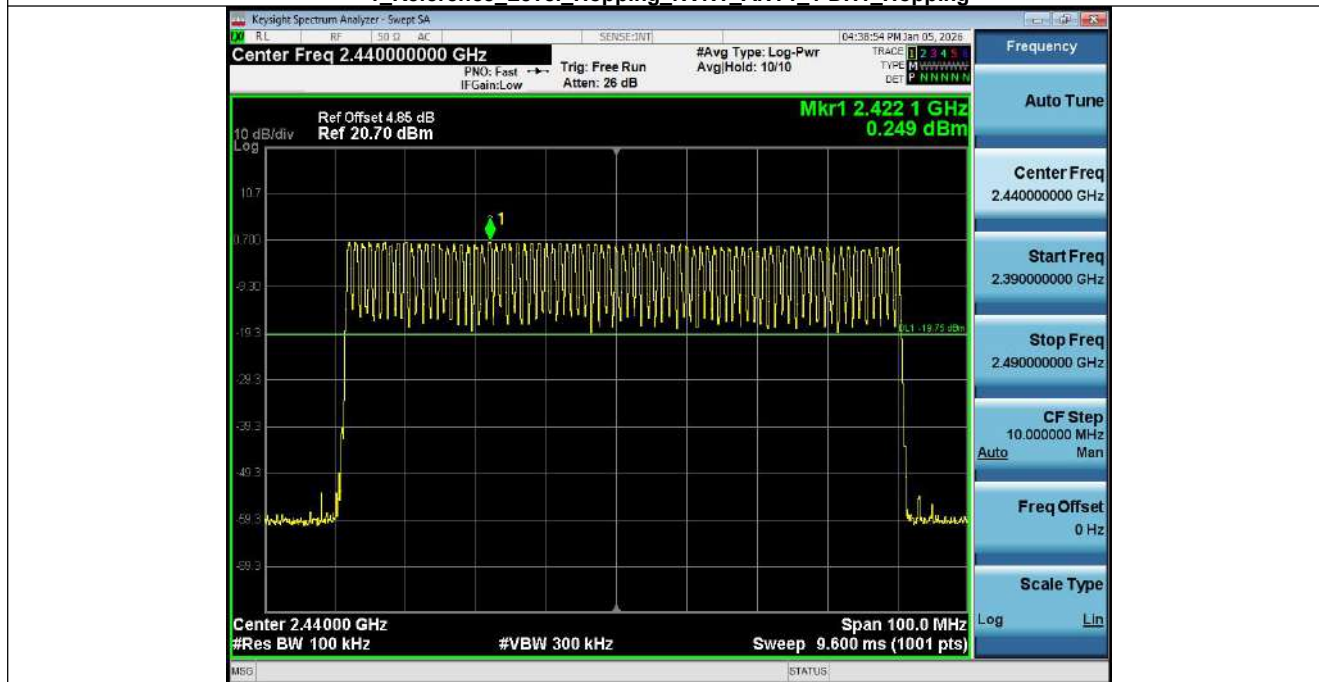
1 Reference Level NVNT ANT1 1-DH1 2480 00



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



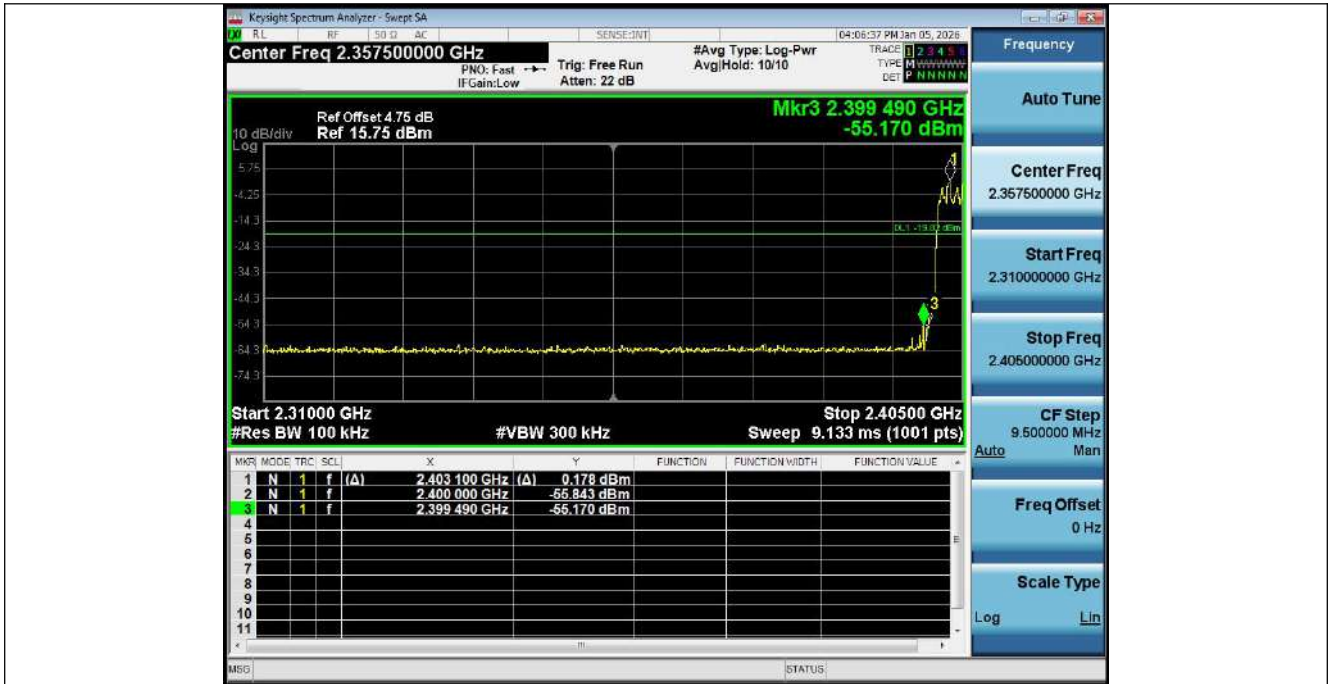
2 Bandedge NVNT ANT1 2-DH1 2402_00



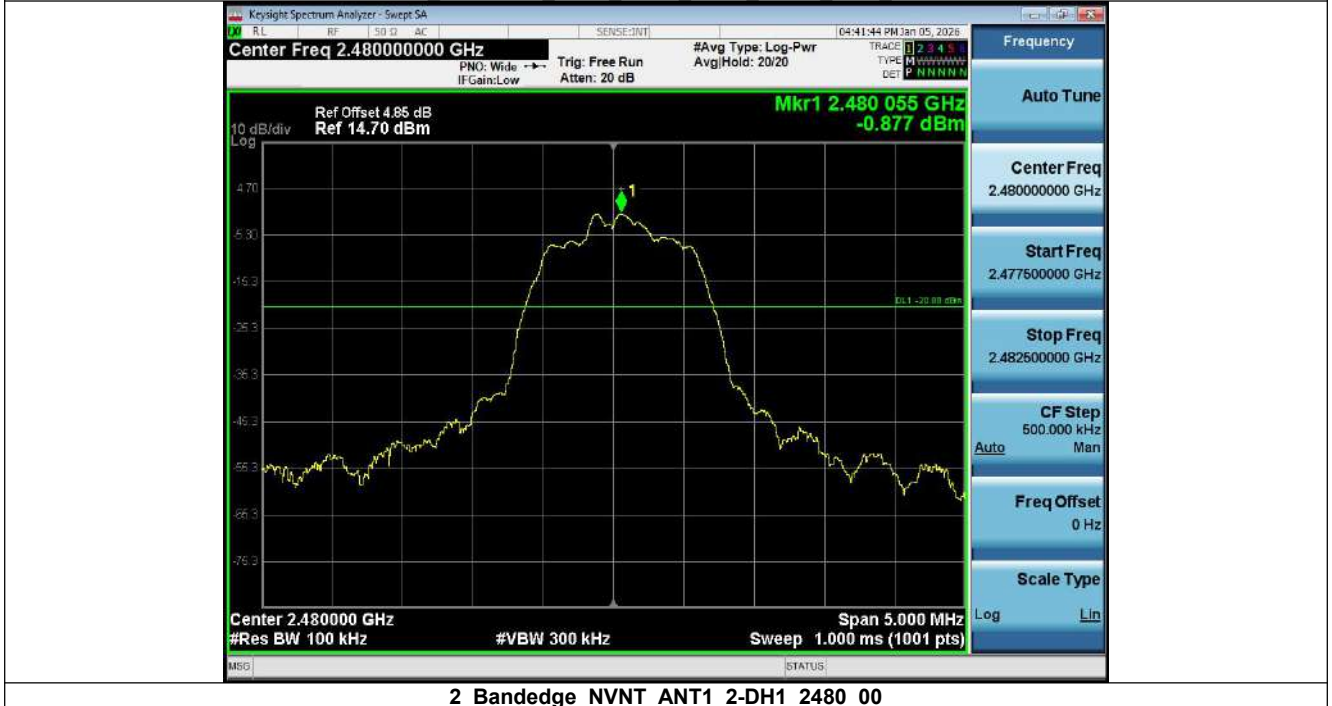
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



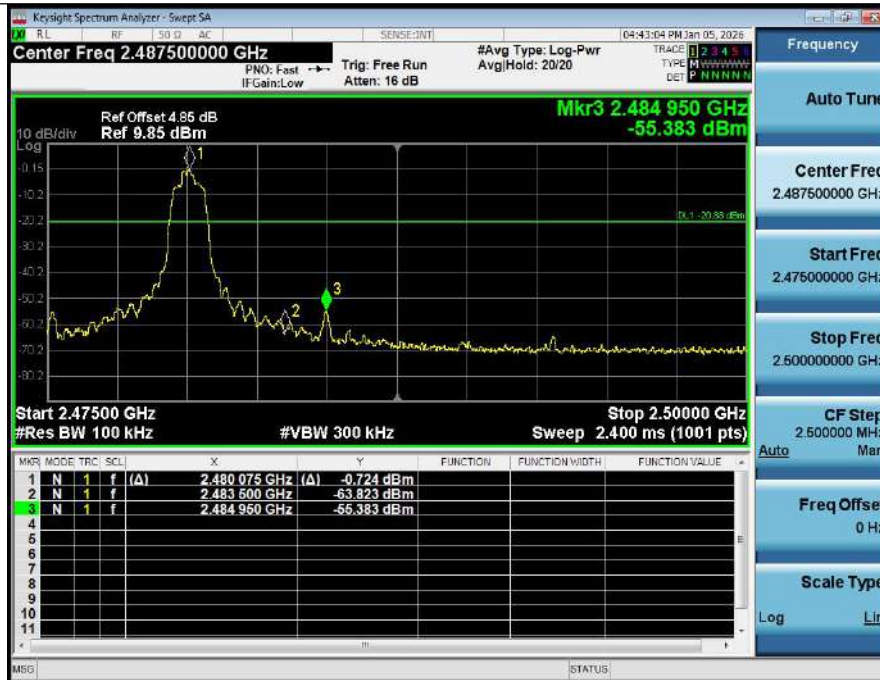
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



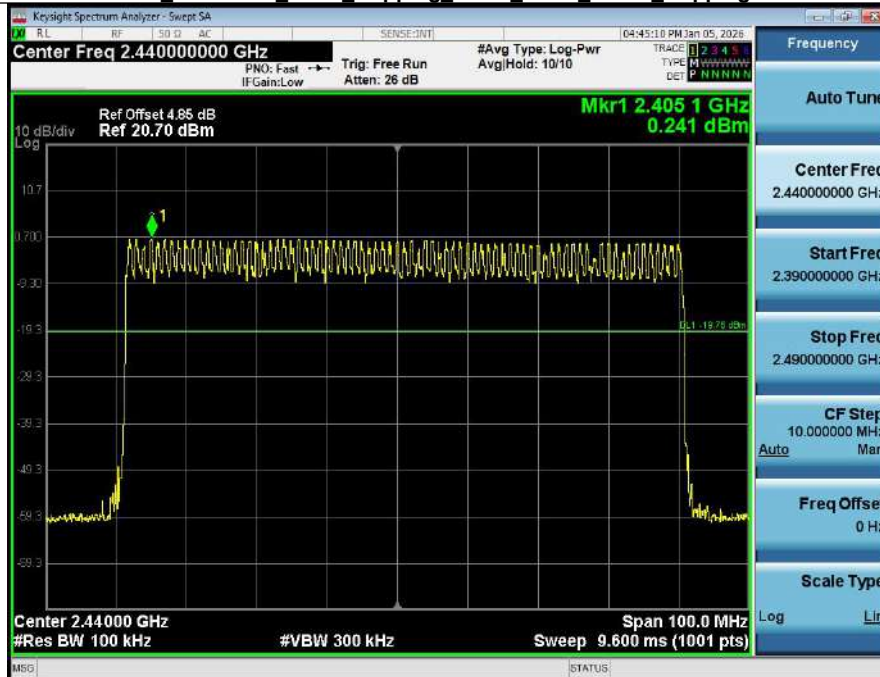
1 Reference Level NVNT ANT1 2-DH1 2480 00



2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



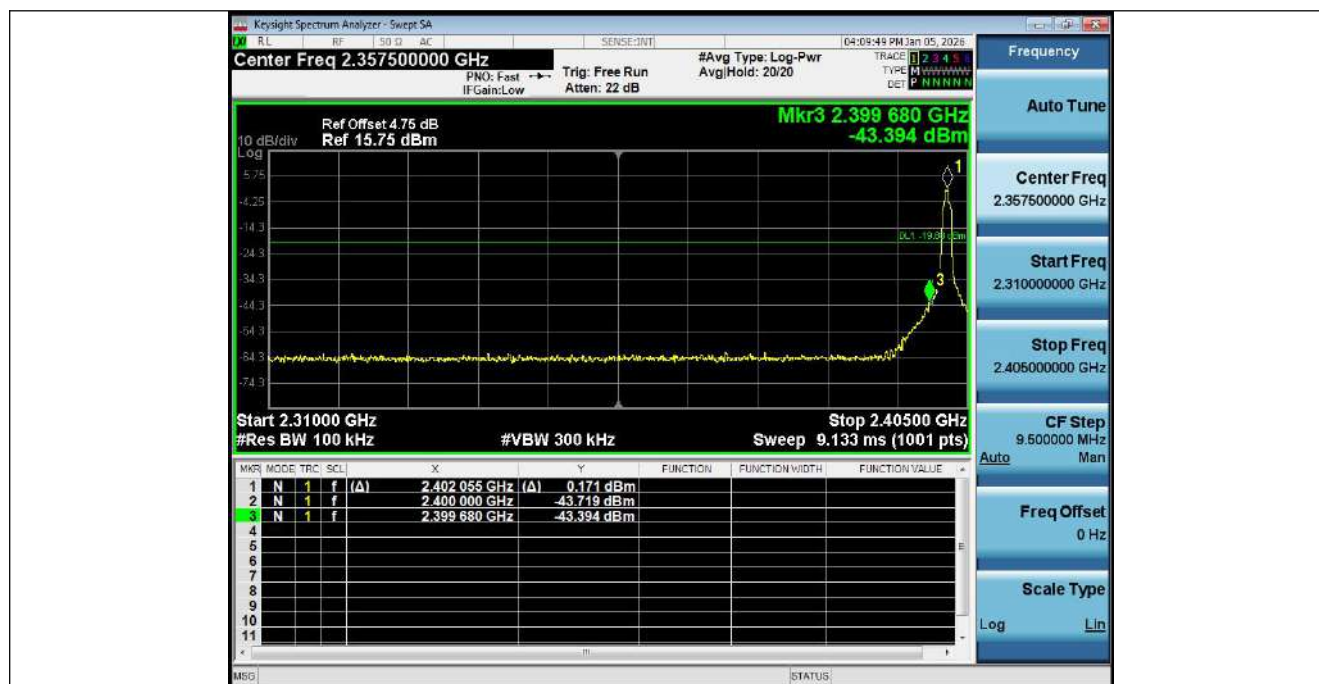
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2402_00



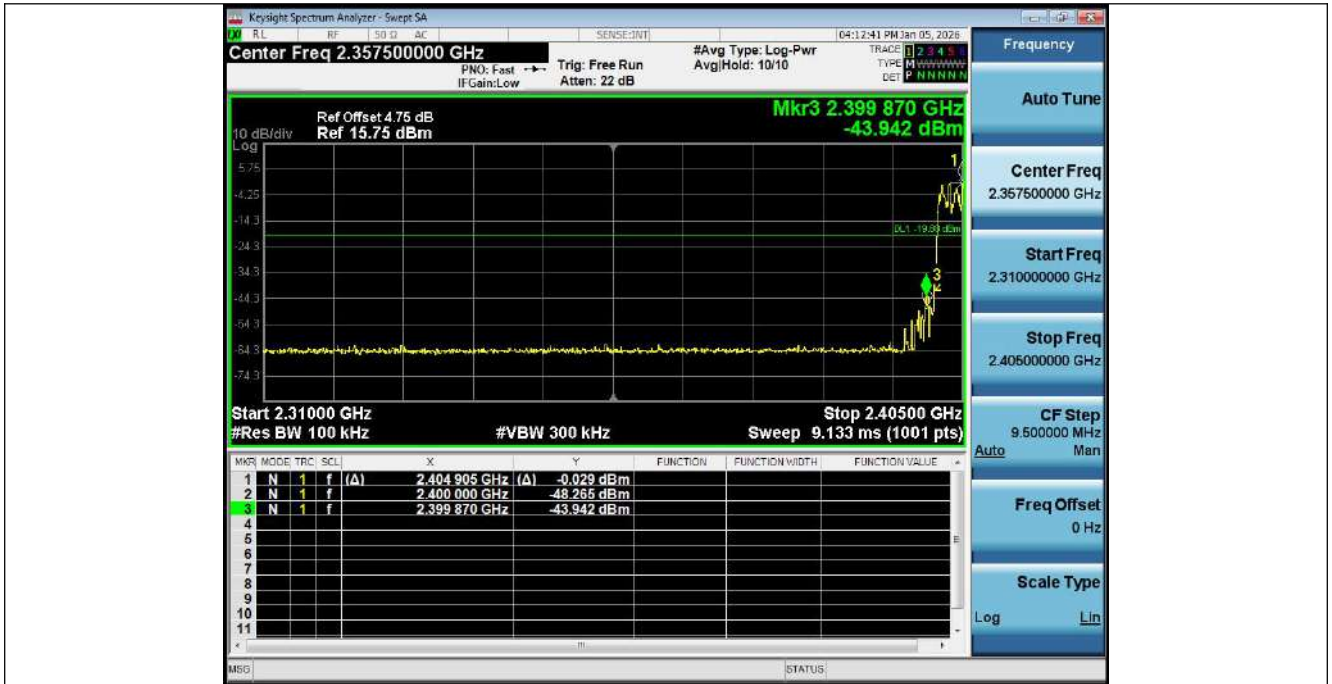
2 Bandedge NVNT ANT1 3-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



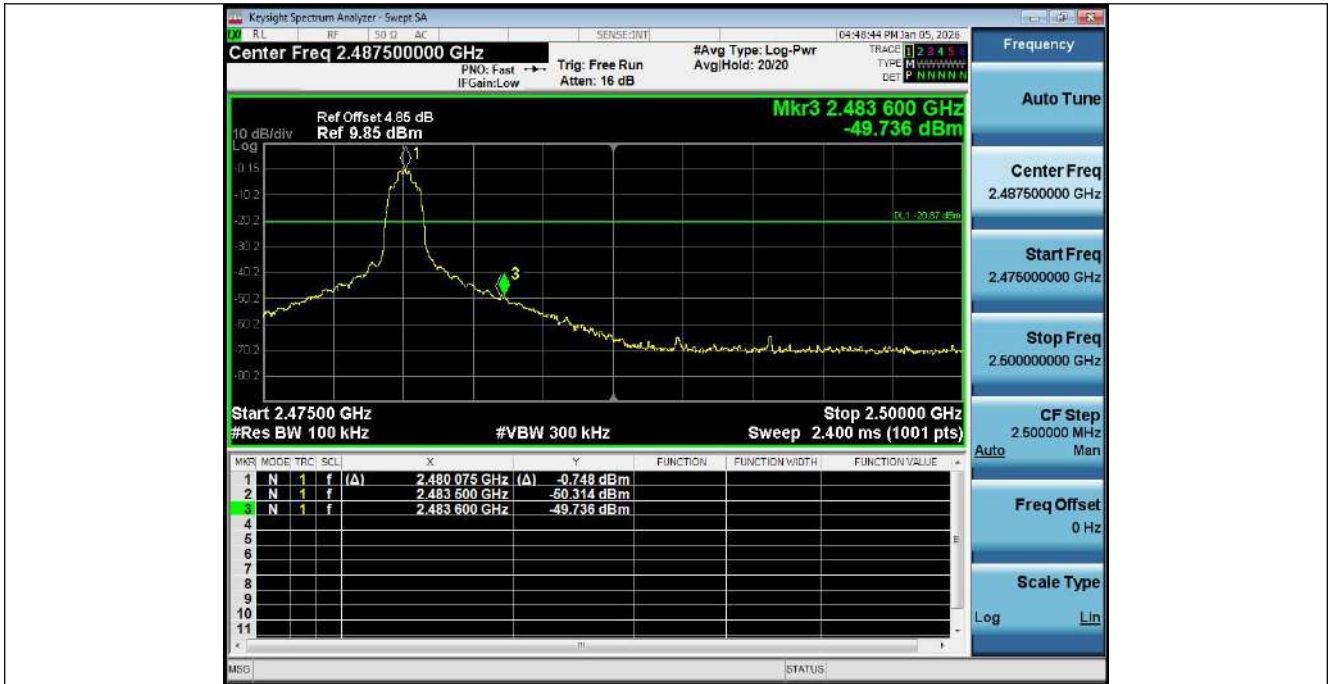
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



1 Reference Level NVNT ANT1 3-DH1 2480 00



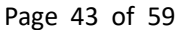
2 Bandedge NVNT ANT1 3-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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	2401.876	2402.878	1.00	0.880	Pass
NVNT	ANT1	1-DH1	2441.00	2440.882	2441.875	0.99	0.880	Pass
NVNT	ANT1	1-DH1	2480.00	2478.885	2479.875	0.99	0.879	Pass
NVNT	ANT1	2-DH1	2402.00	2401.876	2402.875	1.00	0.831	Pass
NVNT	ANT1	2-DH1	2441.00	2440.885	2441.884	1.00	0.830	Pass
NVNT	ANT1	2-DH1	2480.00	2478.885	2479.875	0.99	0.831	Pass
NVNT	ANT1	3-DH1	2402.00	2401.876	2402.875	1.00	0.809	Pass
NVNT	ANT1	3-DH1	2441.00	2440.879	2441.878	1.00	0.811	Pass
NVNT	ANT1	3-DH1	2480.00	2478.885	2479.884	1.00	0.811	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_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

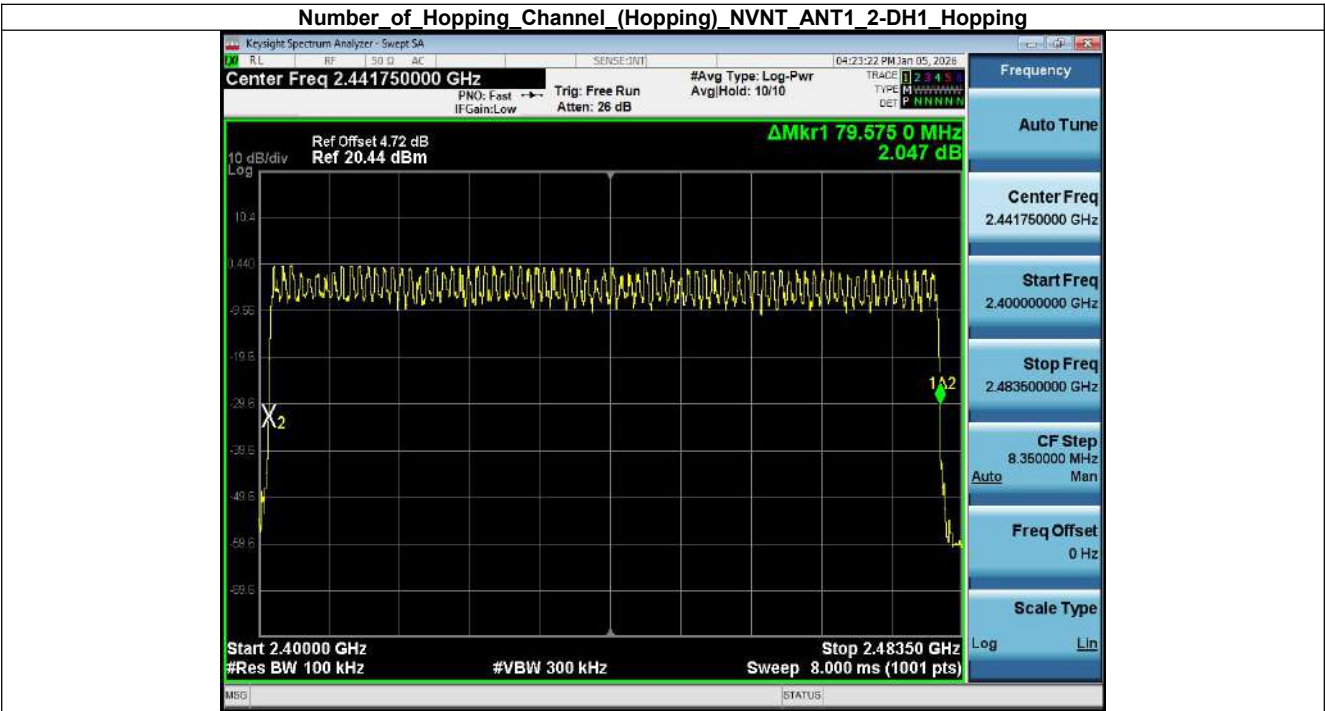


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

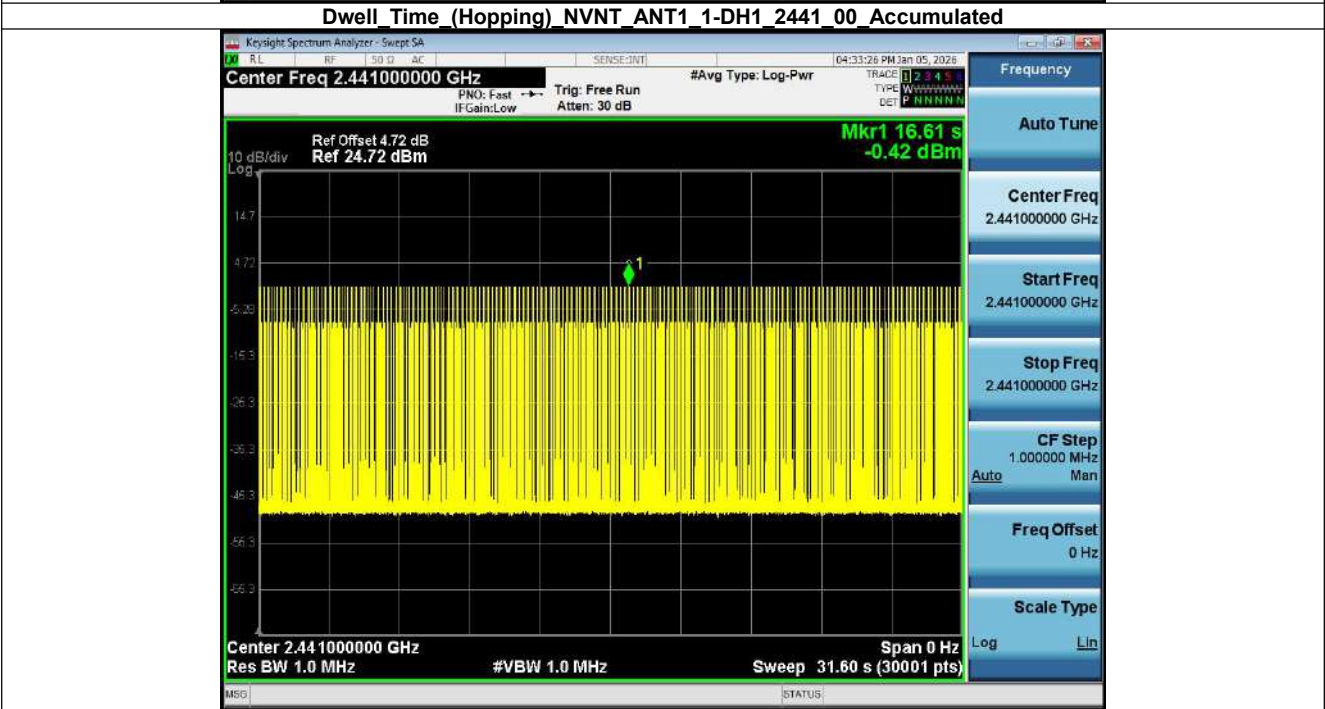
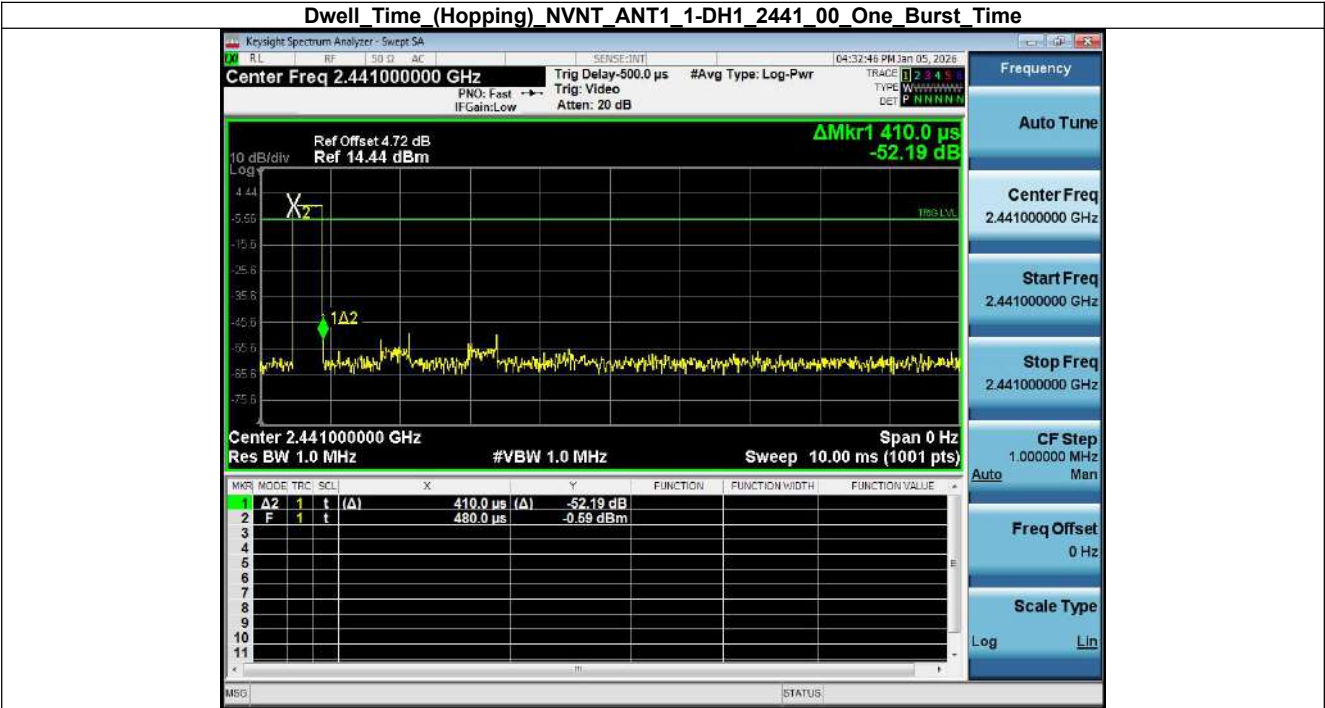


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

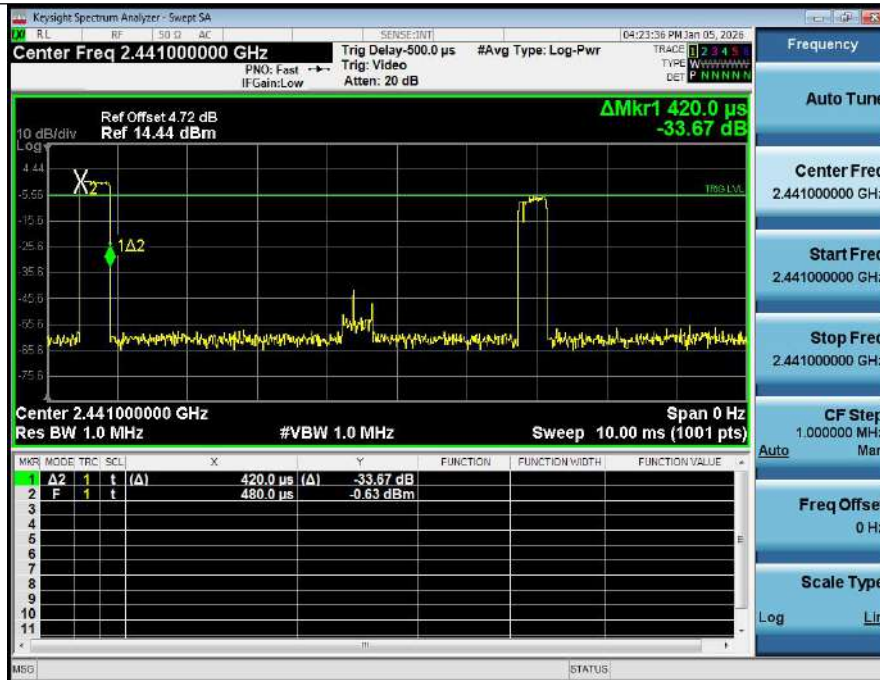


9. Dwell Time (Hopping)

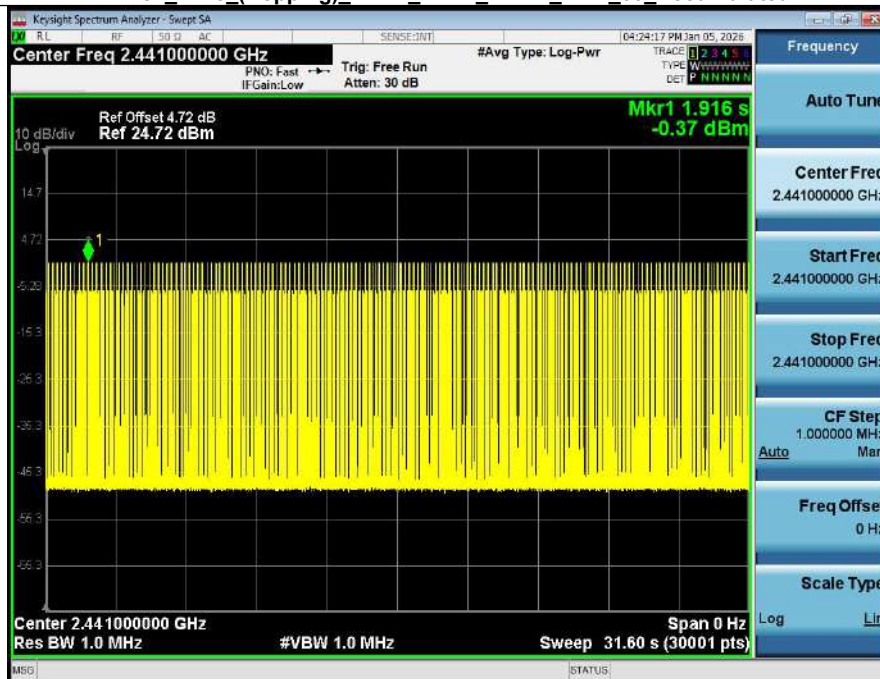
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	2-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	3-DH1	0.430	320.00	137.600	0.40	Pass
NVNT	ANT1	1-DH3	1.670	156.00	260.520	0.40	Pass
NVNT	ANT1	1-DH5	2.930	113.00	331.090	0.40	Pass
NVNT	ANT1	2-DH3	1.680	165.00	277.200	0.40	Pass
NVNT	ANT1	2-DH5	2.920	112.00	327.040	0.40	Pass
NVNT	ANT1	3-DH3	1.680	171.00	287.280	0.40	Pass
NVNT	ANT1	3-DH5	2.930	103.00	301.790	0.40	Pass



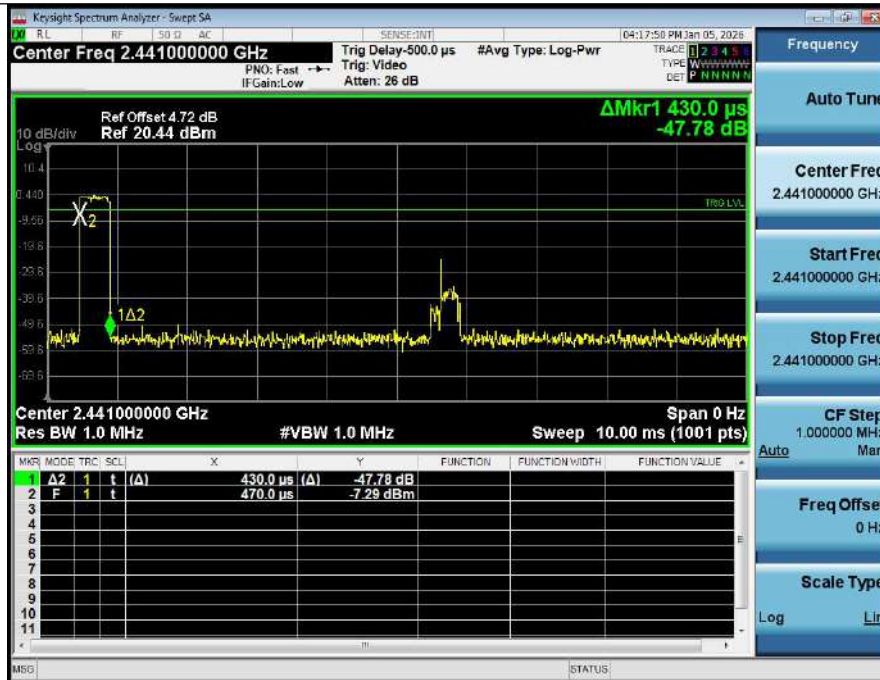
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



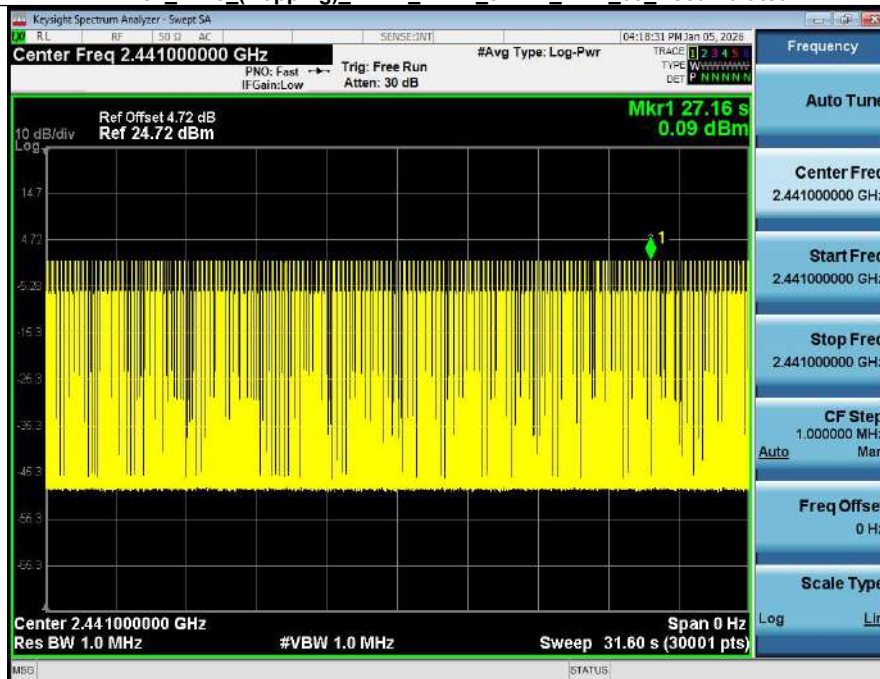
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



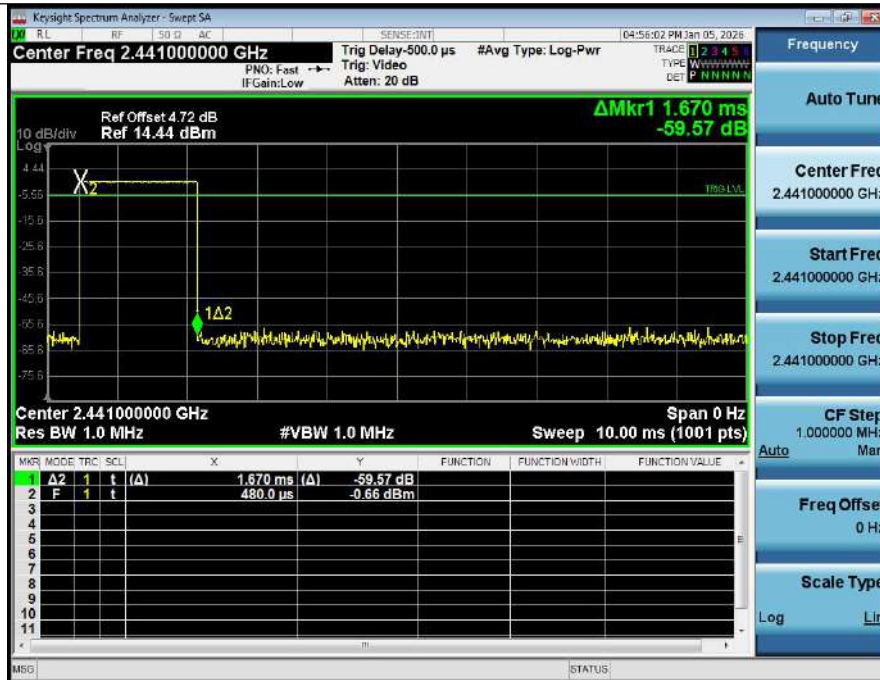
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



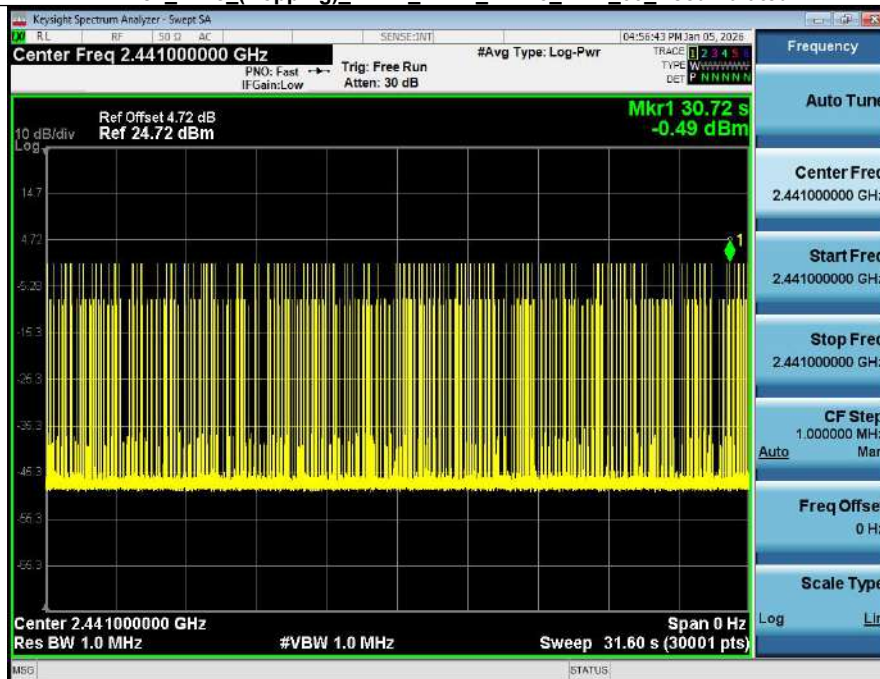
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Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



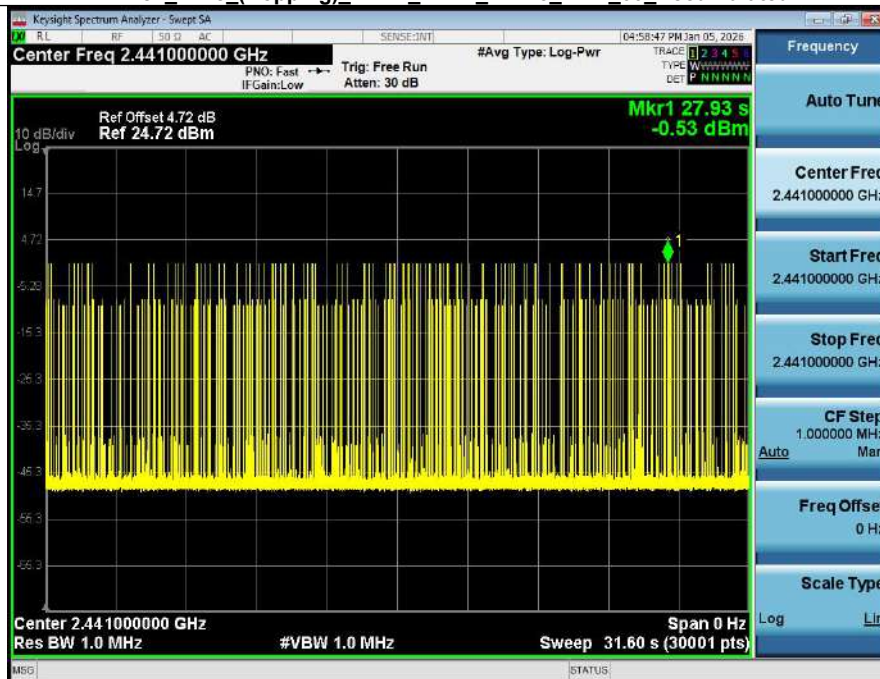
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



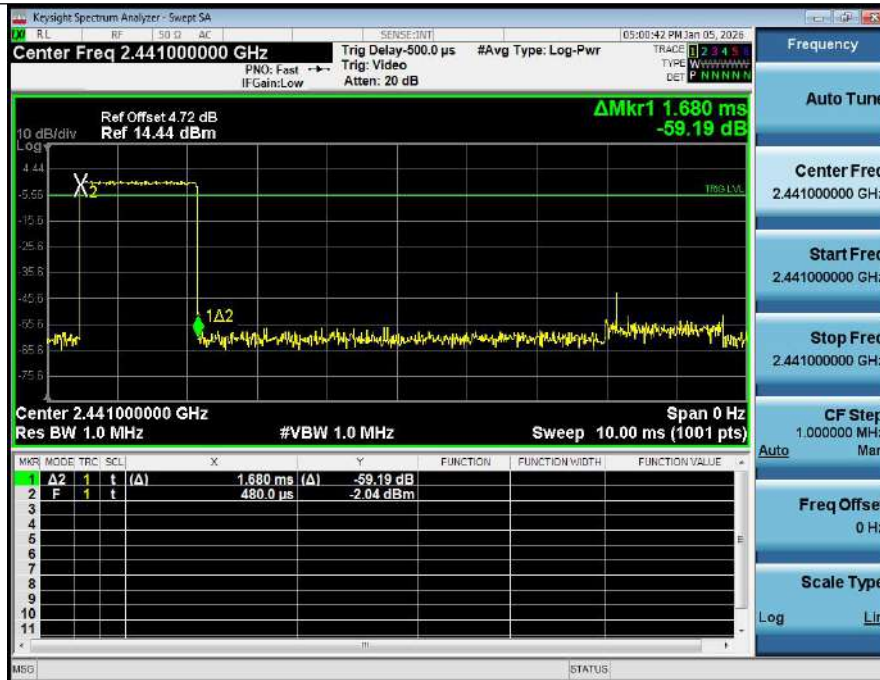
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



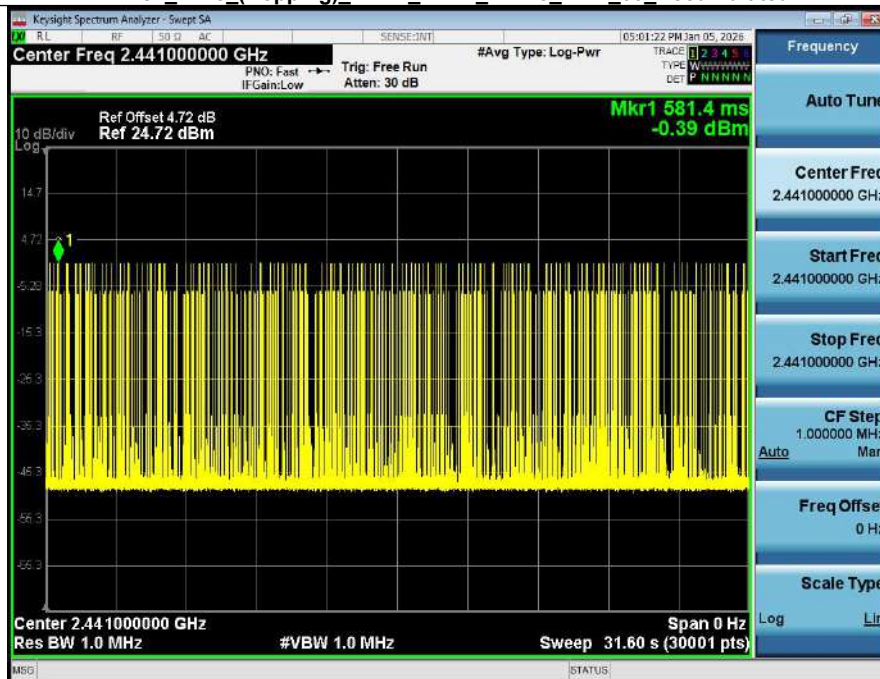
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



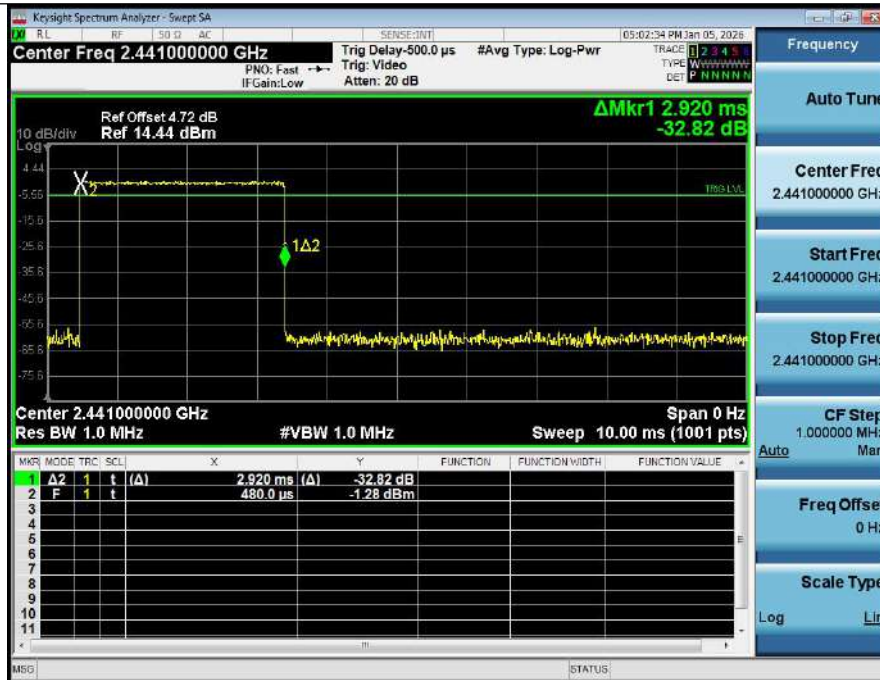
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



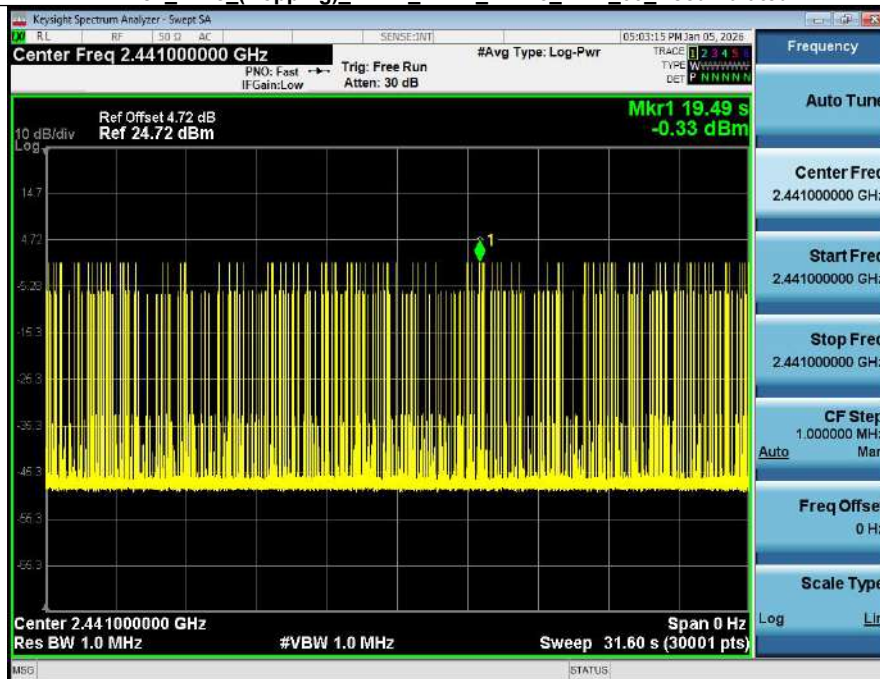
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



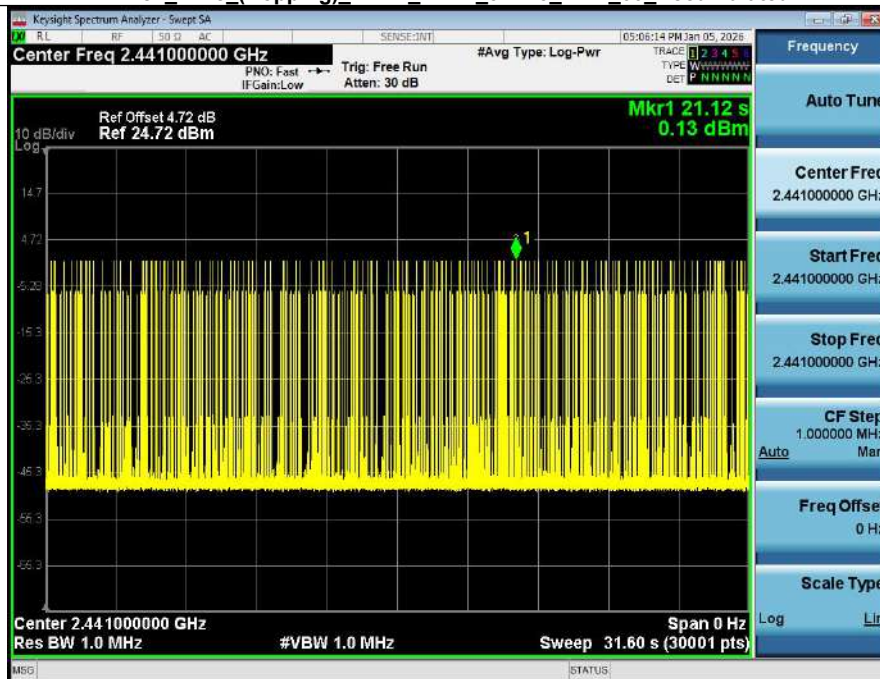
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



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

