

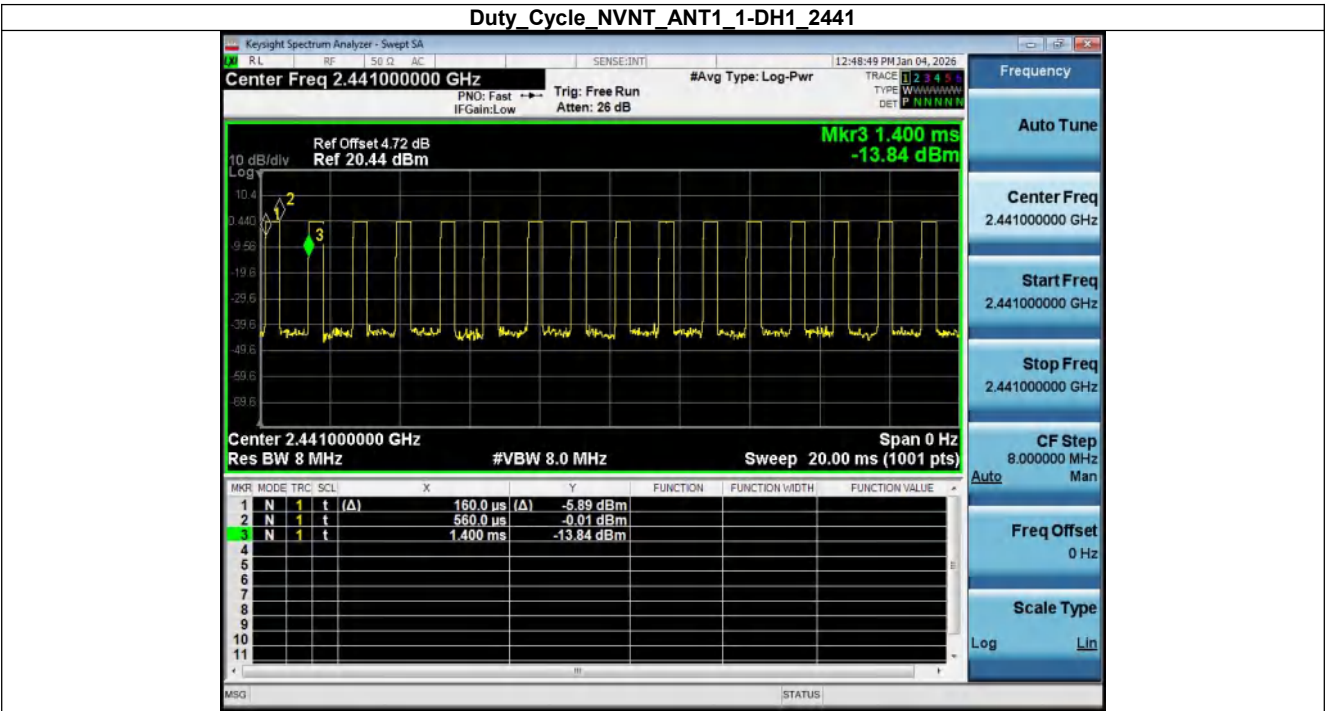
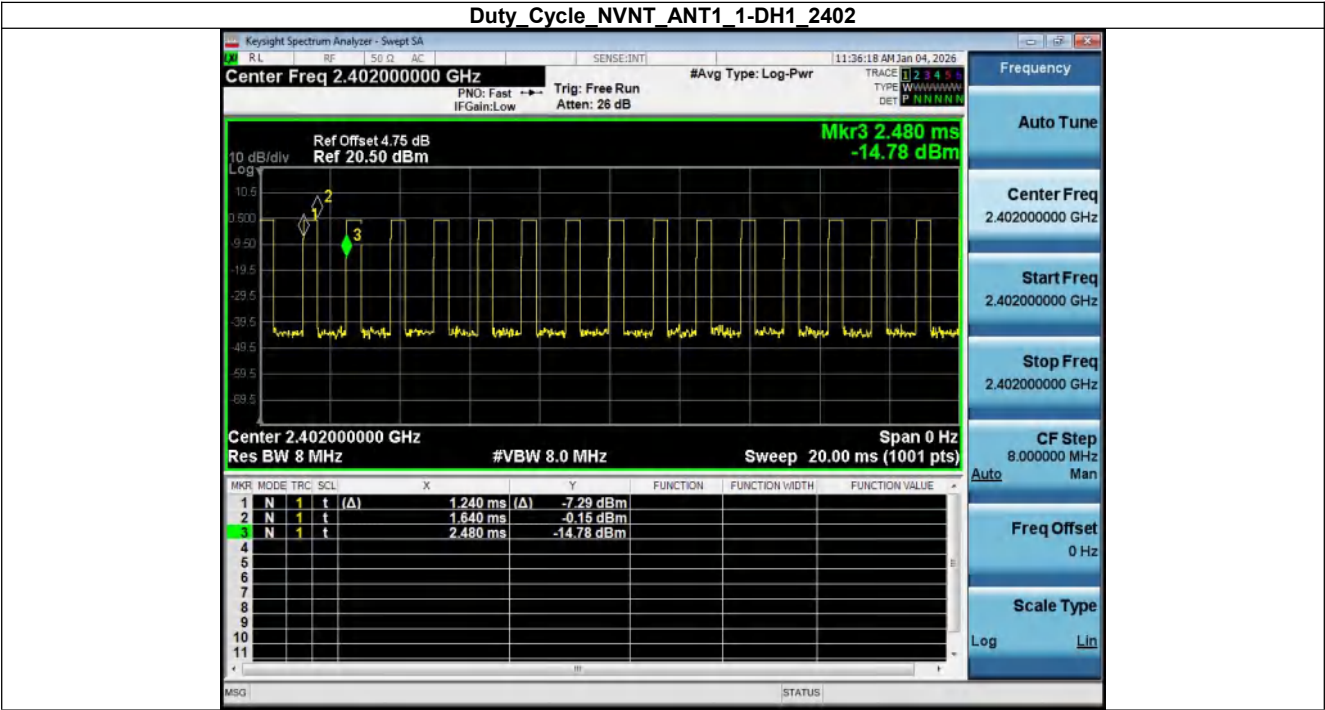
FCC ID EDR
FCC_BT (Part15.247) Test Data
FCC ID:2BTUZ-MG045
Report No. : BKC26010482AE-1

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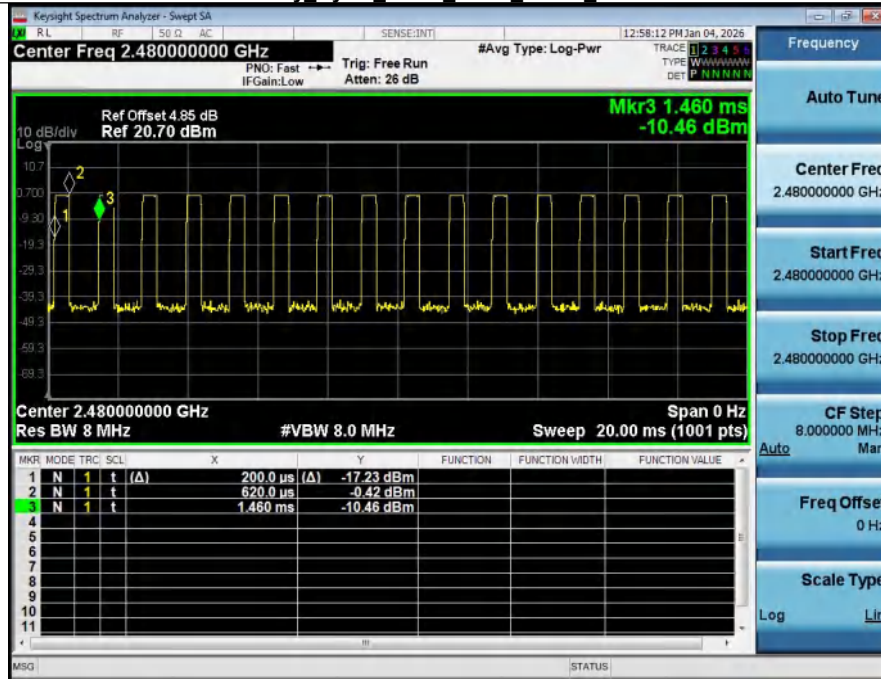
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1. Duty Cycle

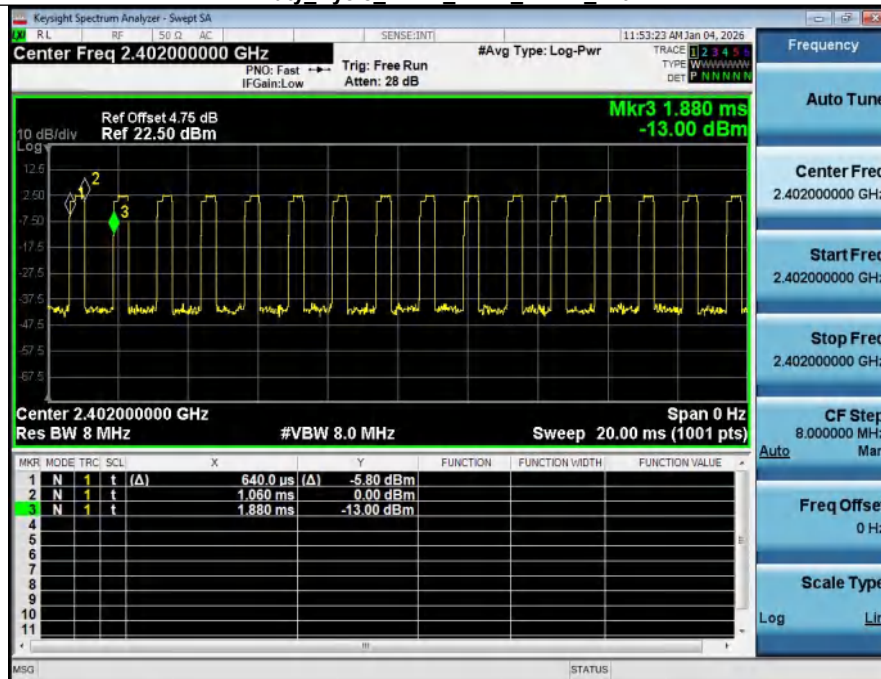
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	33.87	4.70
NVNT	ANT1	1-DH1	2441.00	32.26	4.91
NVNT	ANT1	1-DH1	2480.00	33.33	4.77
NVNT	ANT1	2-DH1	2402.00	33.87	4.70
NVNT	ANT1	2-DH1	2441.00	33.33	4.77
NVNT	ANT1	2-DH1	2480.00	34.92	4.57
NVNT	ANT1	3-DH1	2402.00	35.48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



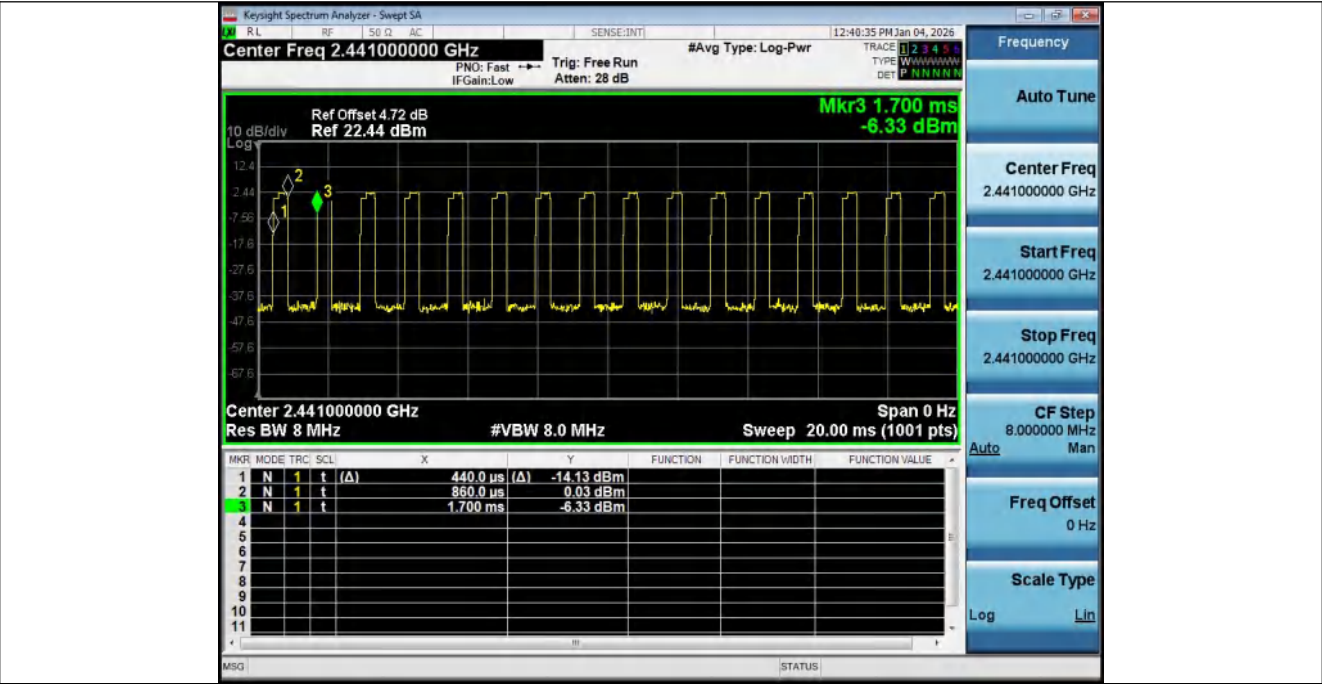
Duty Cycle_NVNT_ANT1_1-DH1_2480



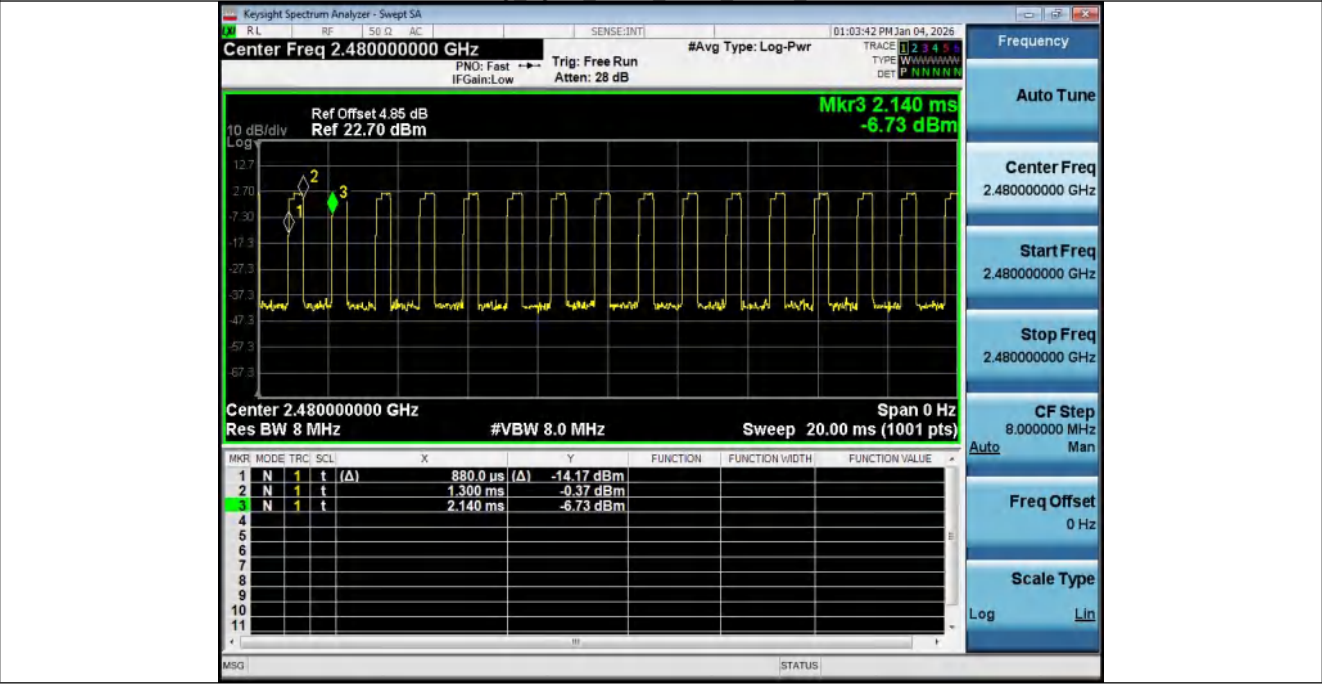
Duty Cycle_NVNT_ANT1_2-DH1_2402



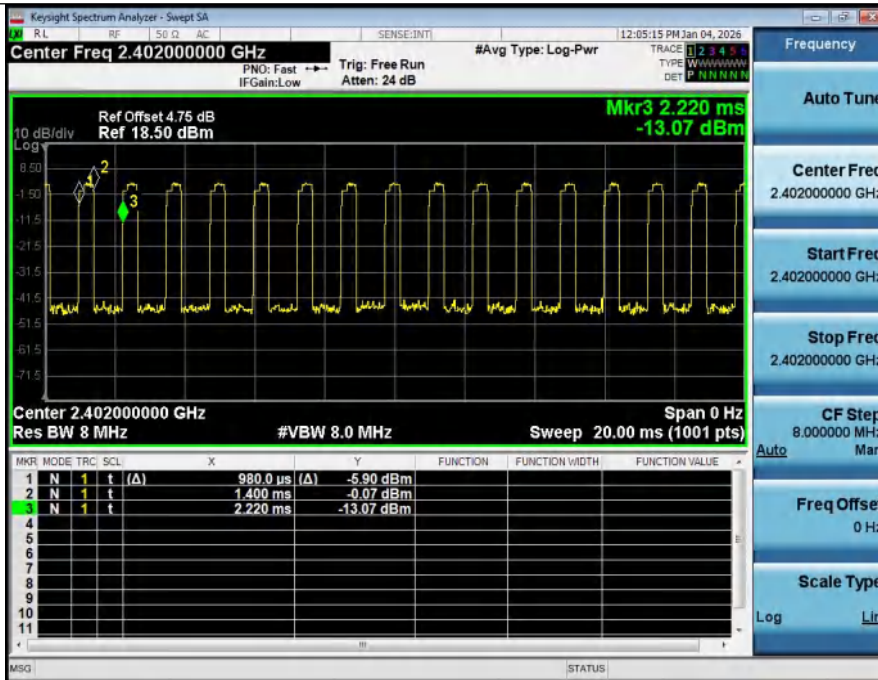
Duty Cycle_NVNT_ANT1_2-DH1_2441



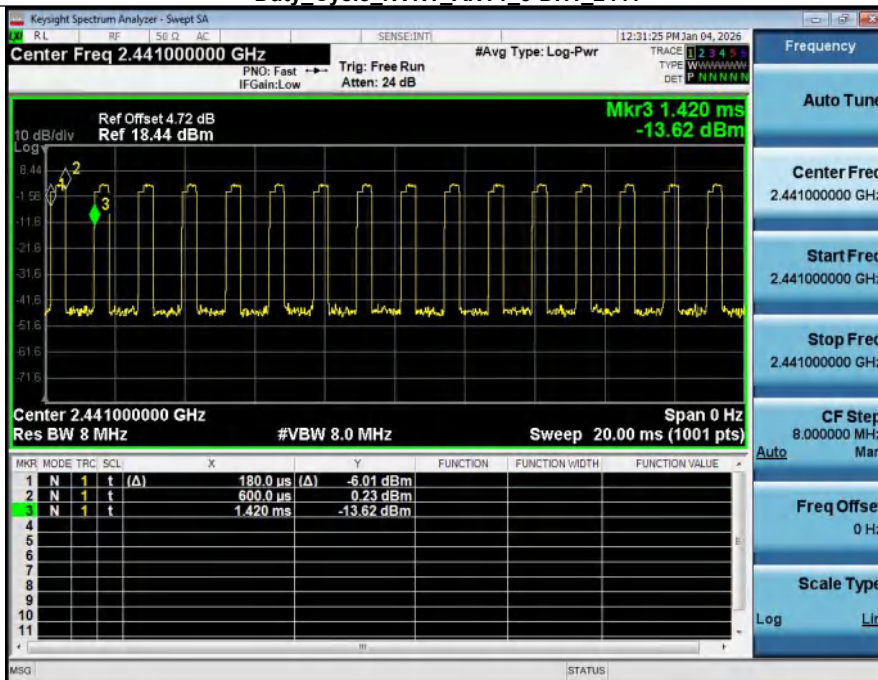
Duty Cycle_NVNT_ANT1_2-DH1_2480



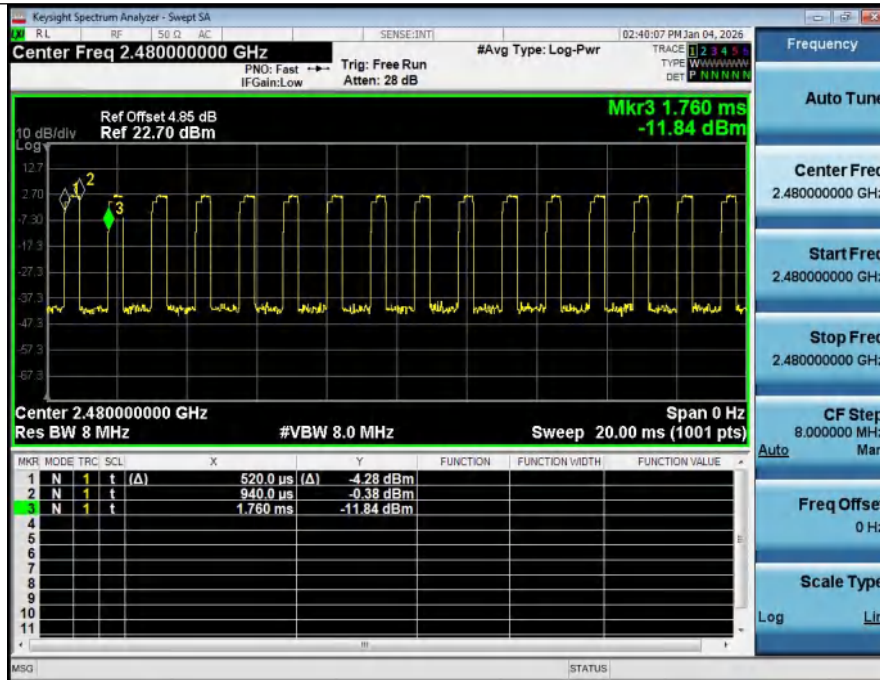
Duty Cycle_NVNT_ANT1_3-DH1_2402



Duty Cycle_NVNT_ANT1_3-DH1_2441

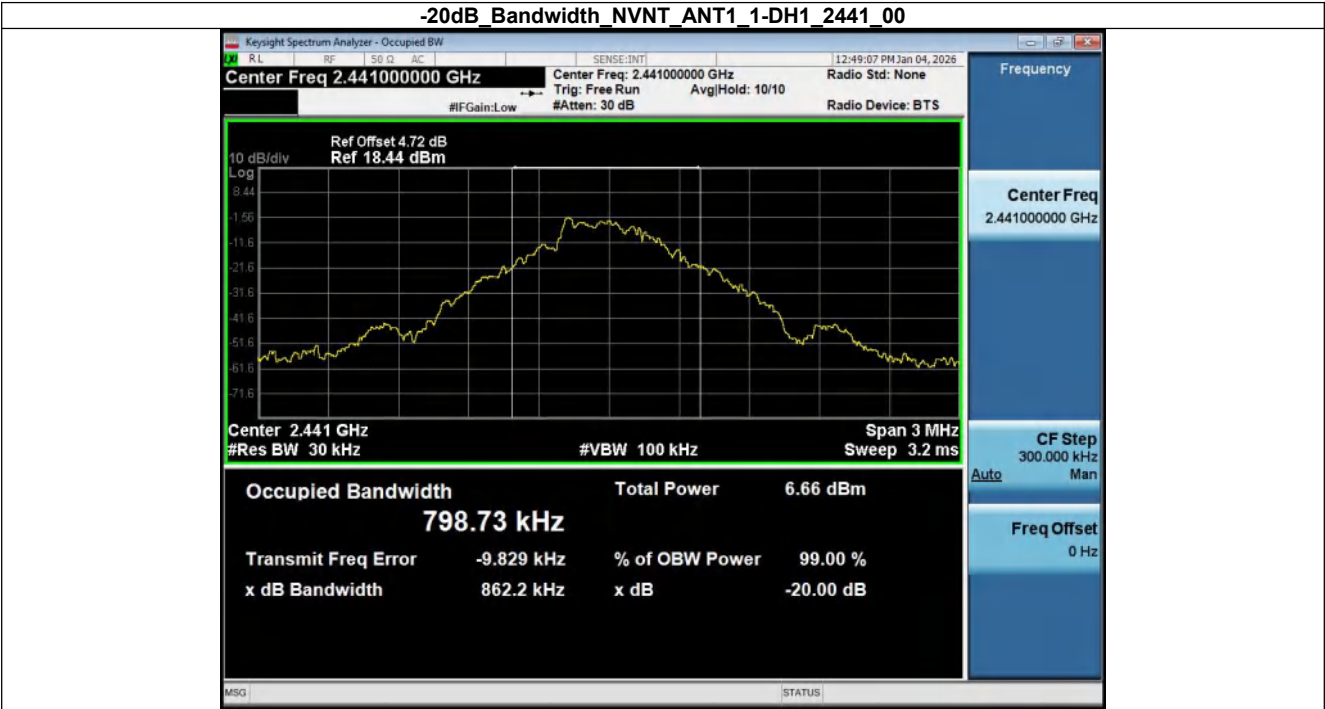
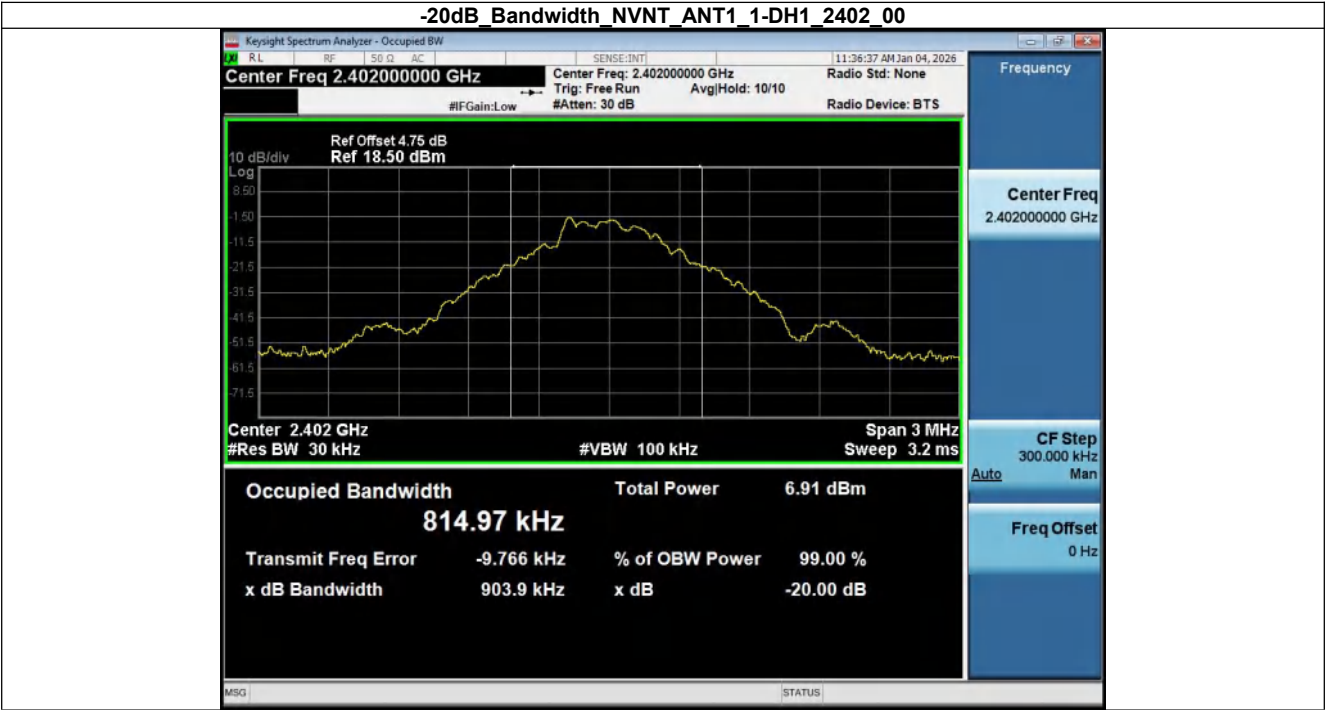


Duty Cycle_NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.904	No
NVNT	ANT1	1-DH1	2441.00	0.862	No
NVNT	ANT1	1-DH1	2480.00	0.873	No
NVNT	ANT1	2-DH1	2402.00	1.296	Yes
NVNT	ANT1	2-DH1	2441.00	1.296	Yes
NVNT	ANT1	2-DH1	2480.00	1.289	Yes
NVNT	ANT1	3-DH1	2402.00	1.268	Yes
NVNT	ANT1	3-DH1	2441.00	1.262	Yes
NVNT	ANT1	3-DH1	2480.00	1.260	Yes



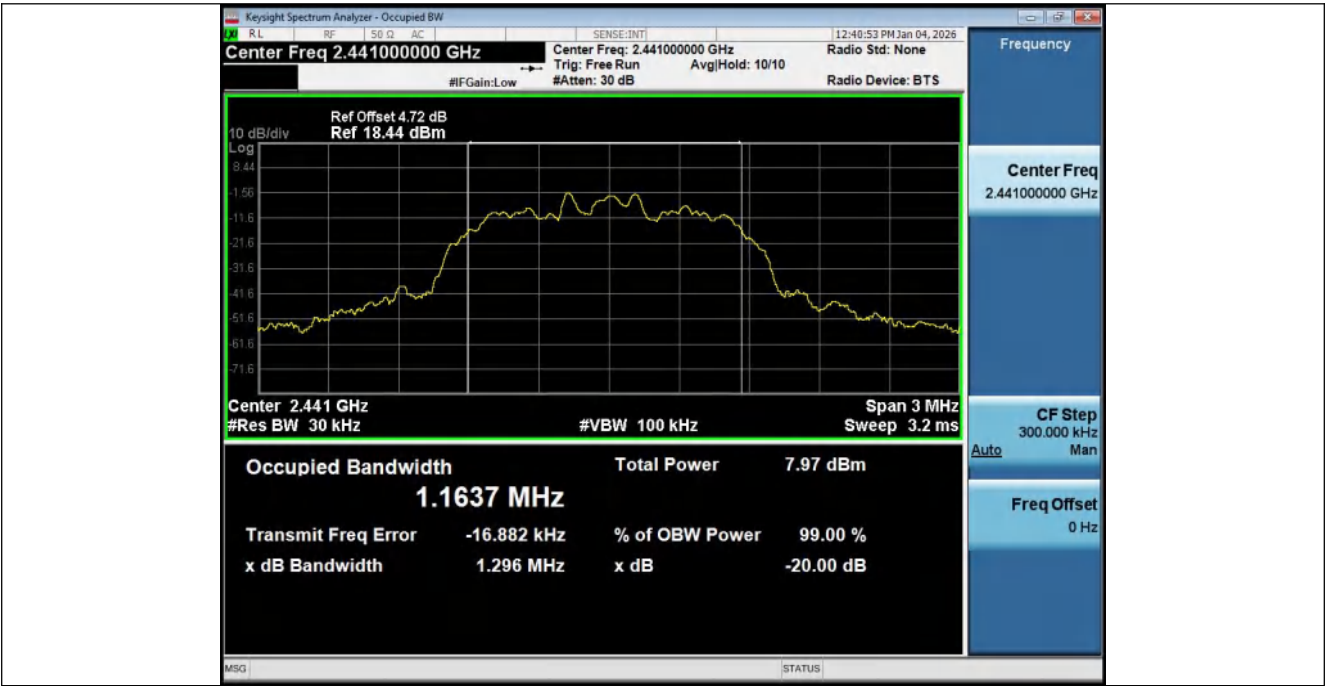
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-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



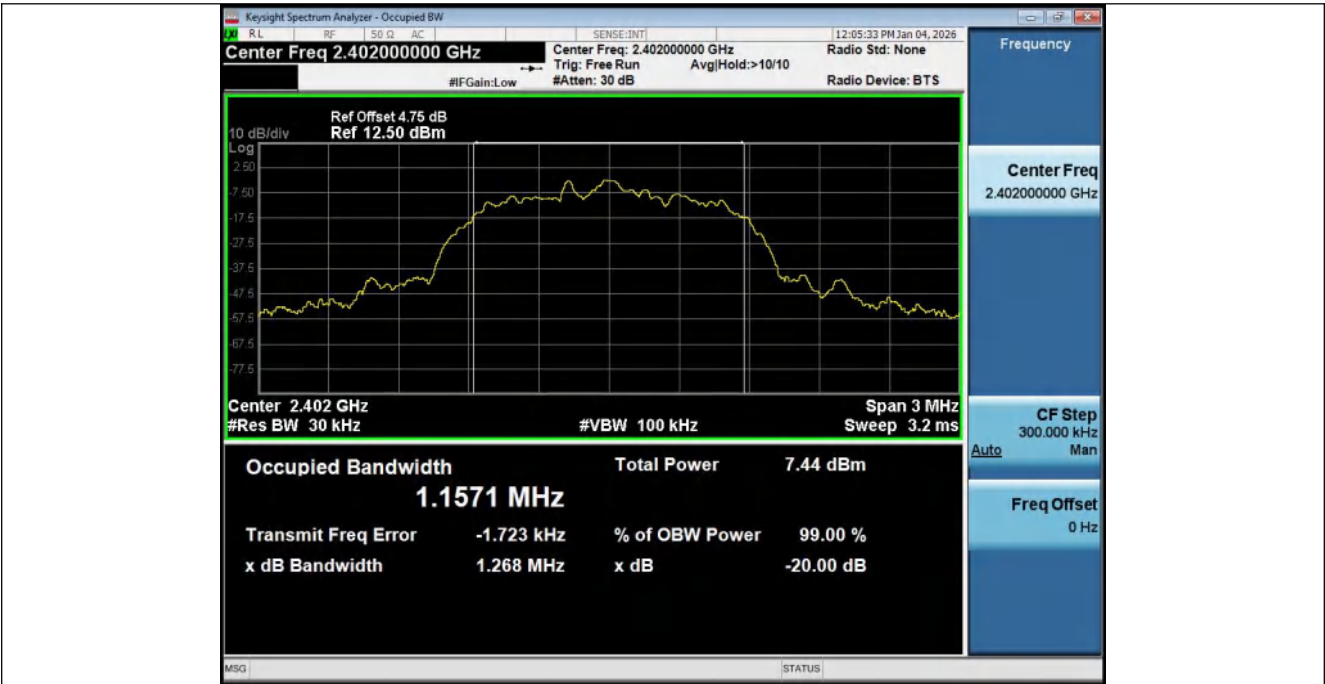
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



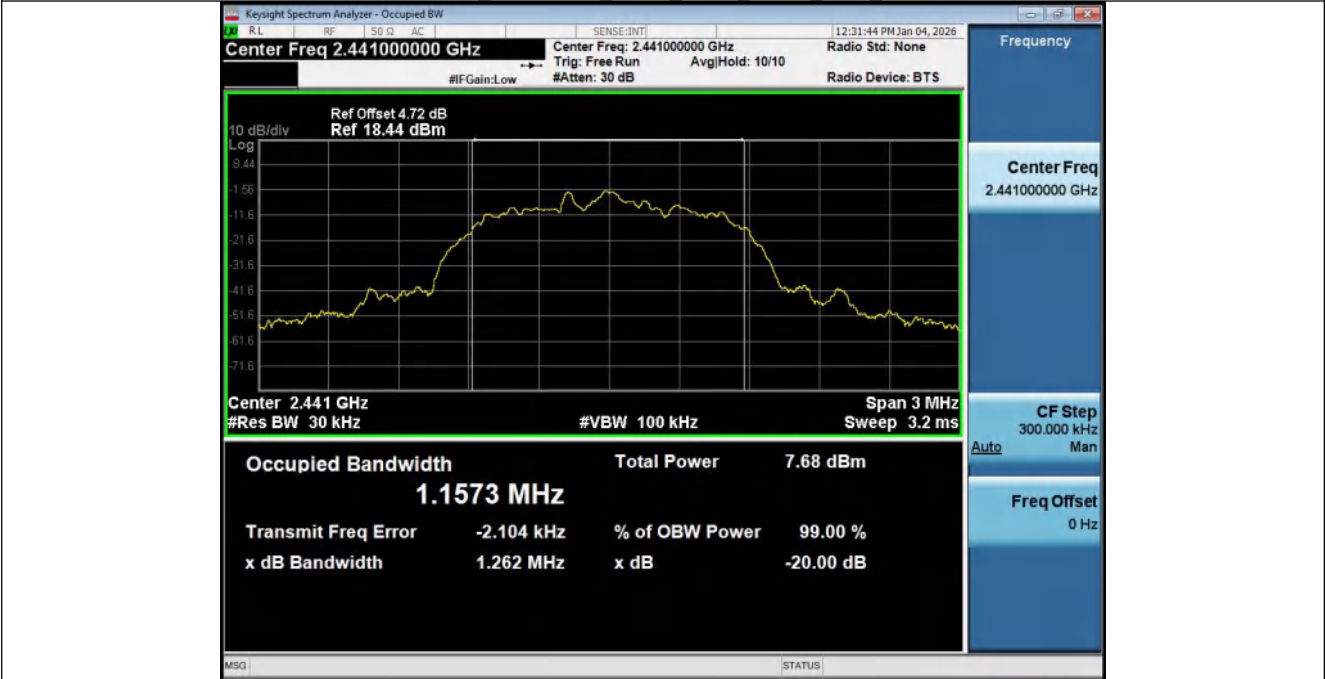
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-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

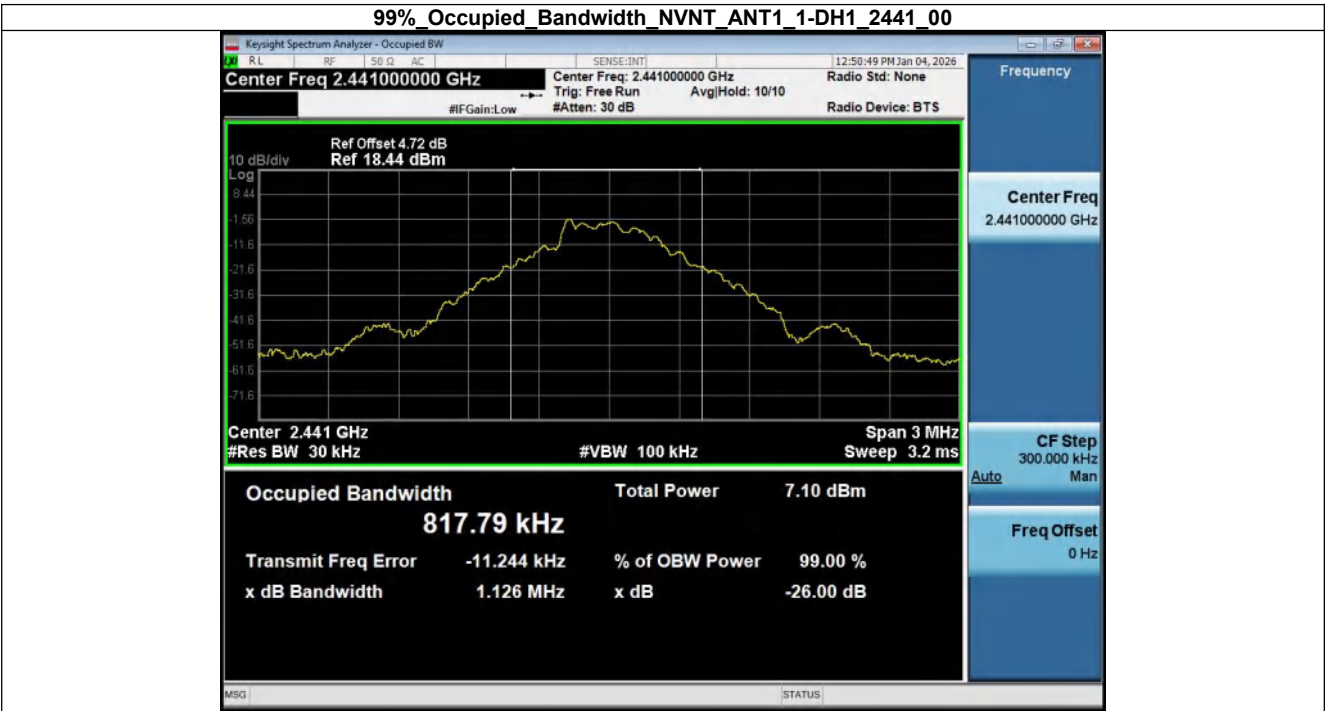


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

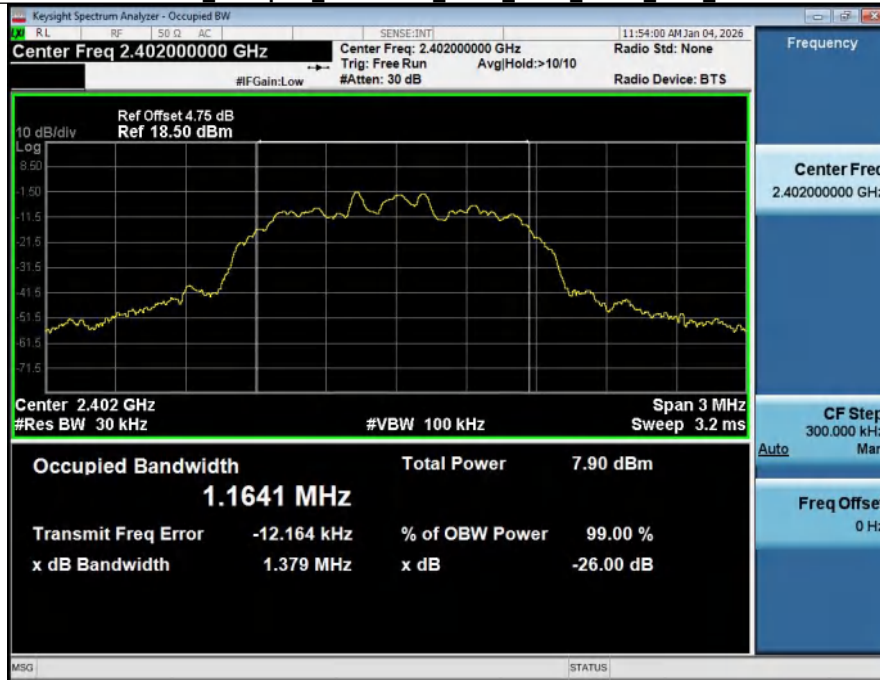
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.813
NVNT	ANT1	1-DH1	2441.00	0.818
NVNT	ANT1	1-DH1	2480.00	0.818
NVNT	ANT1	2-DH1	2402.00	1.164
NVNT	ANT1	2-DH1	2441.00	1.164
NVNT	ANT1	2-DH1	2480.00	1.164
NVNT	ANT1	3-DH1	2402.00	1.156
NVNT	ANT1	3-DH1	2441.00	1.158
NVNT	ANT1	3-DH1	2480.00	1.156



99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



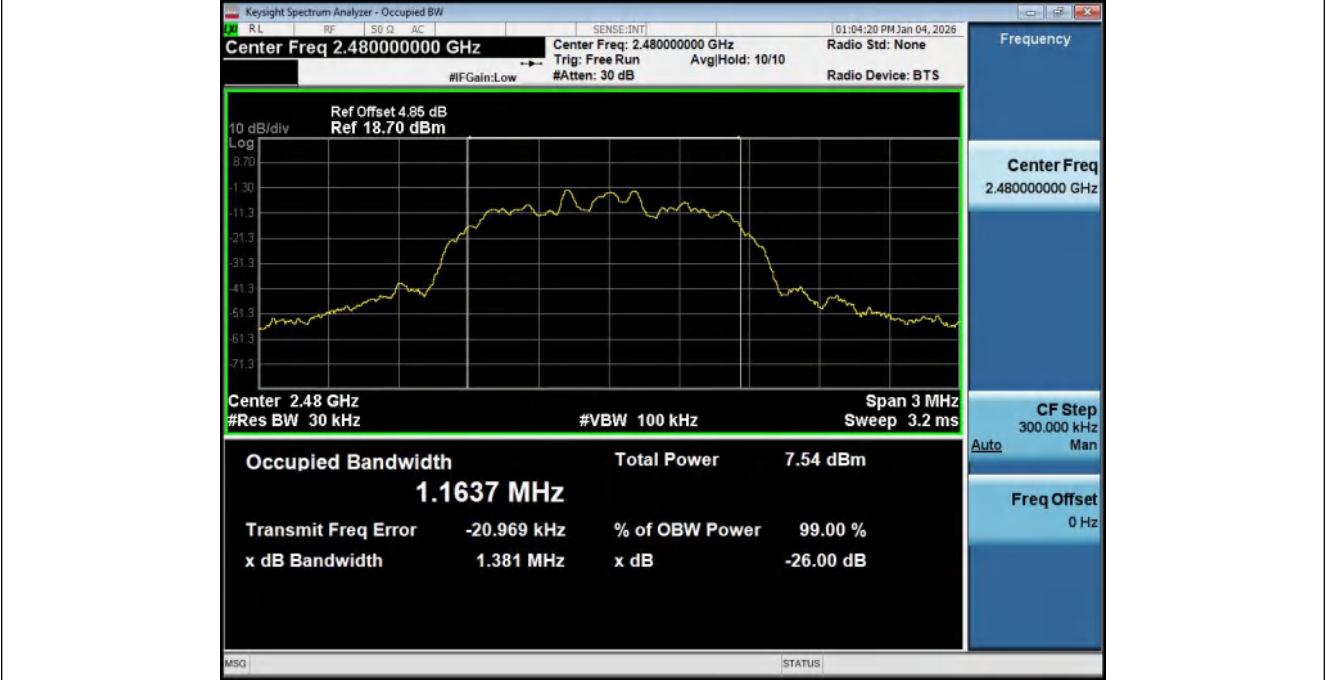
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



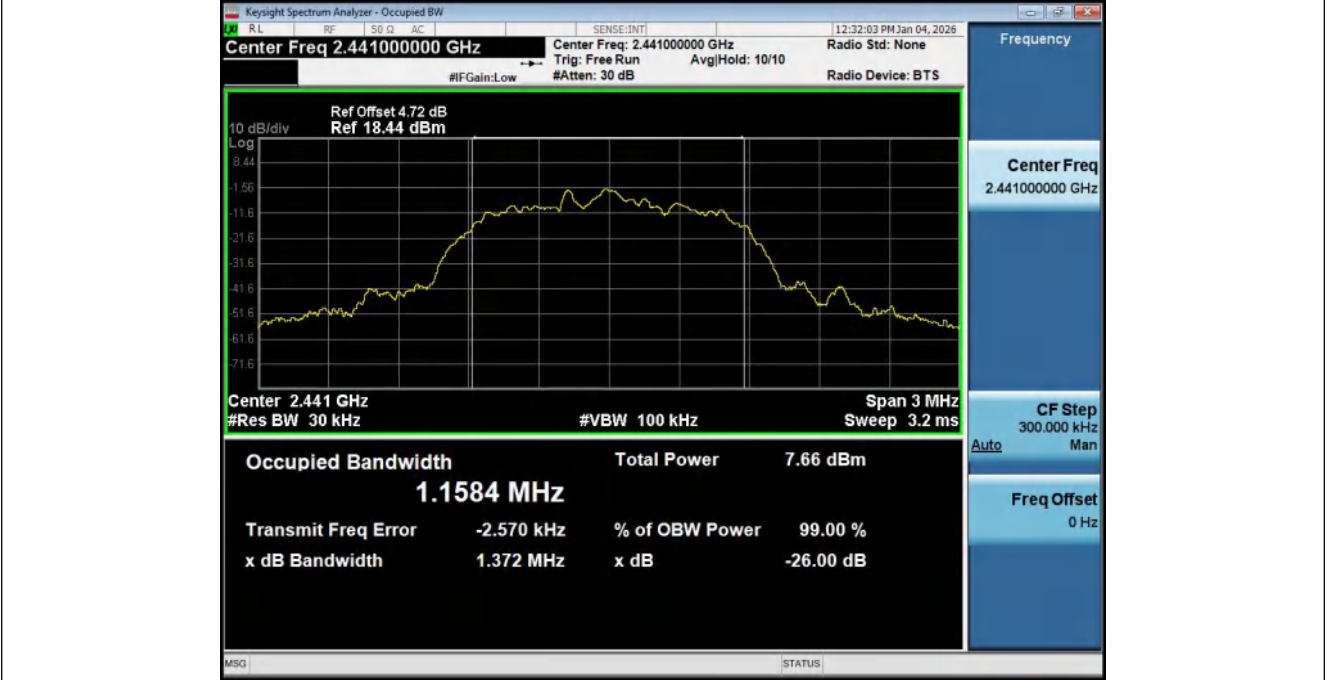
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480_00



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	-0.09	0.98	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.09	1.02	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-0.44	0.90	1000	Pass
NVNT	ANT1	2-DH1	2402.00	2.15	1.64	125	Pass
NVNT	ANT1	2-DH1	2441.00	2.22	1.67	125	Pass
NVNT	ANT1	2-DH1	2480.00	1.74	1.49	125	Pass
NVNT	ANT1	3-DH1	2402.00	2.75	1.88	125	Pass
NVNT	ANT1	3-DH1	2441.00	2.91	1.96	125	Pass
NVNT	ANT1	3-DH1	2480.00	2.43	1.75	125	Pass



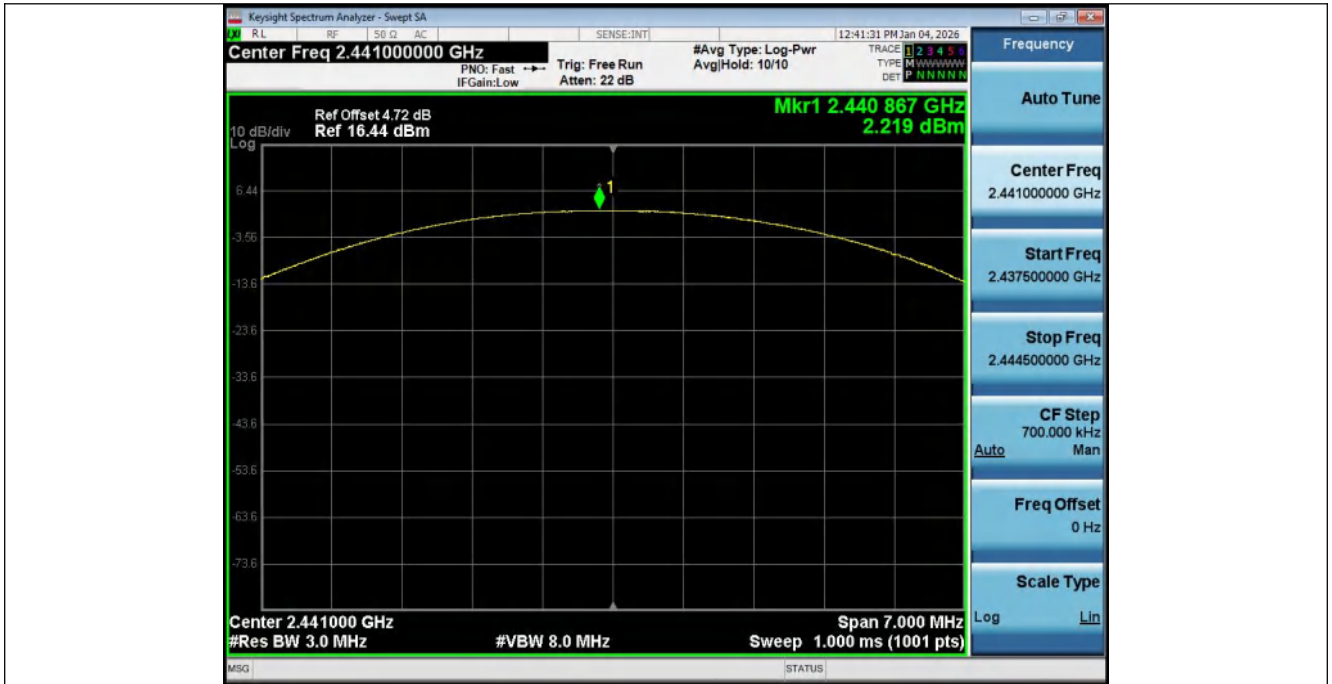
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Peak_Output_Power_NVNT_ANT1_2-DH1_2402_00



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



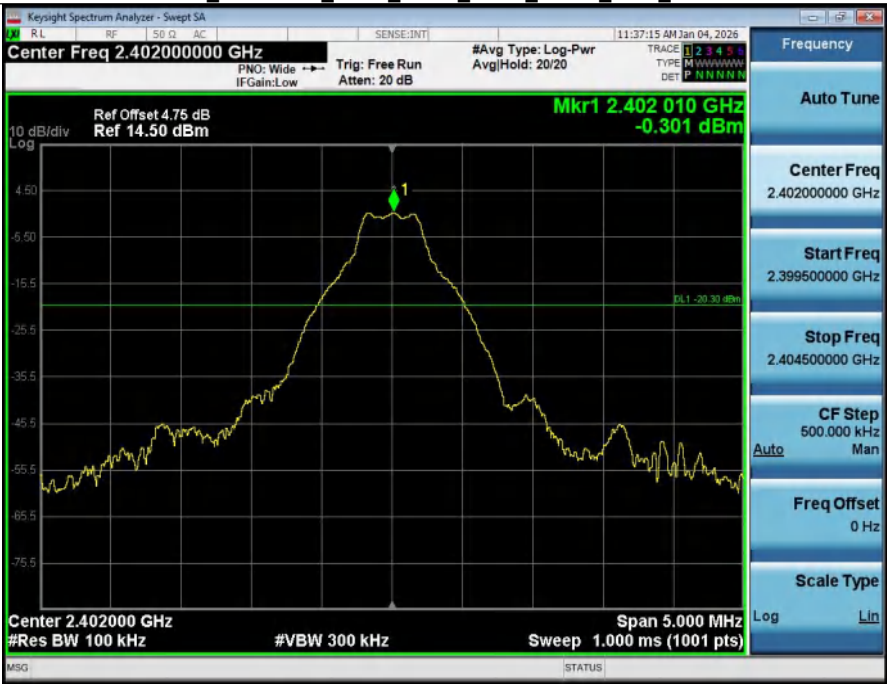
Peak_Output_Power_NVNT_ANT1_3-DH1_2480_00



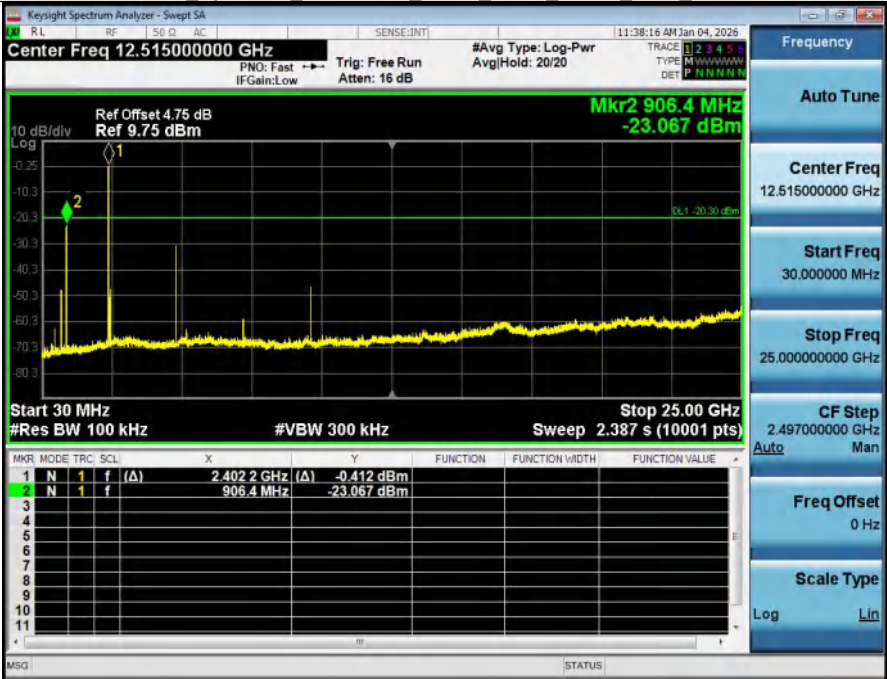
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.301	-23.067	-20.301	Pass
NVNT	ANT1	1-DH1	2441.00	-0.133	-32.192	-20.133	Pass
NVNT	ANT1	1-DH1	2480.00	-0.617	-34.772	-20.617	Pass
NVNT	ANT1	2-DH1	2402.00	-0.241	-31.694	-20.241	Pass
NVNT	ANT1	2-DH1	2441.00	-0.207	-32.213	-20.207	Pass
NVNT	ANT1	2-DH1	2480.00	-0.648	-34.818	-20.648	Pass
NVNT	ANT1	3-DH1	2402.00	-0.296	-31.396	-20.296	Pass
NVNT	ANT1	3-DH1	2441.00	-0.141	-31.466	-20.141	Pass
NVNT	ANT1	3-DH1	2480.00	-0.522	-35.195	-20.522	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



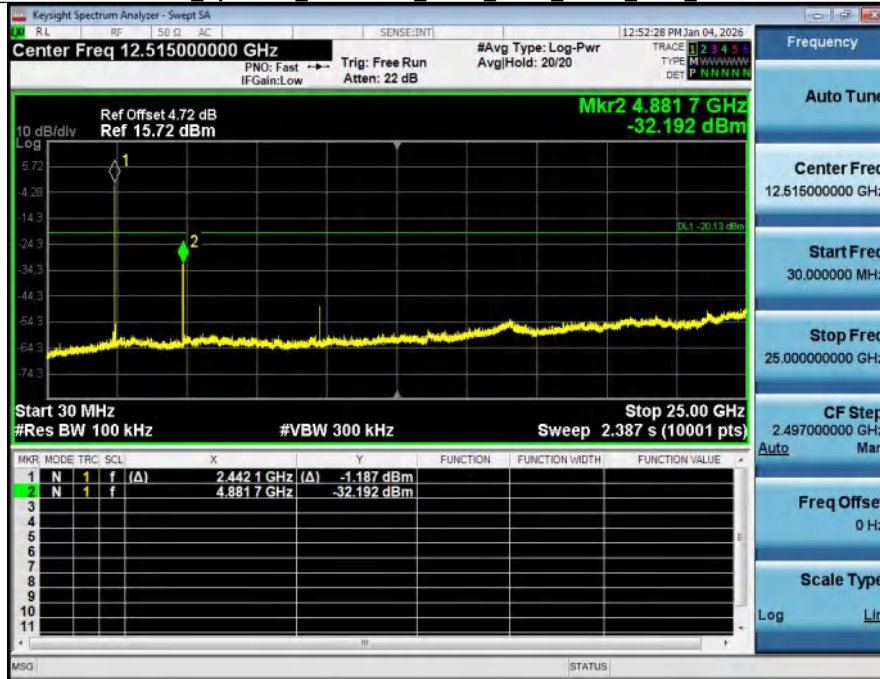
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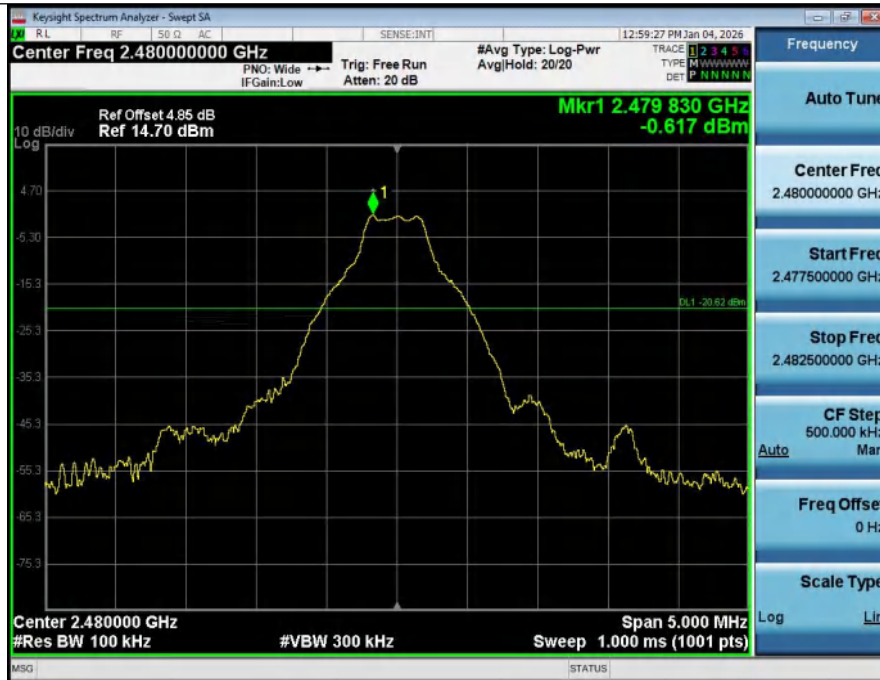
1 Reference Level NVNT ANT1_1-DH1_2441_00



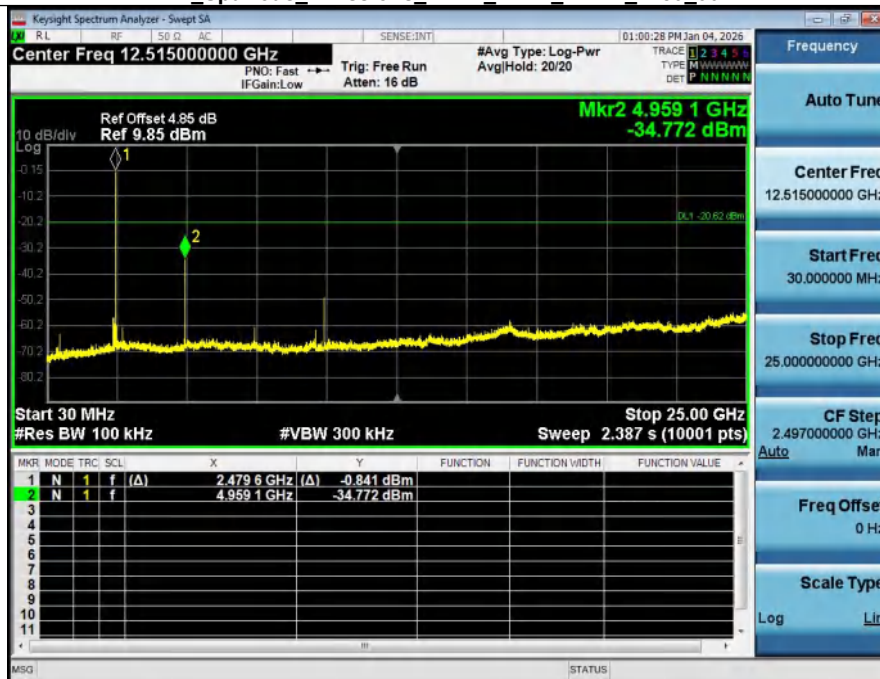
2 Spurious Emissions NVNT ANT1_1-DH1_2441_00



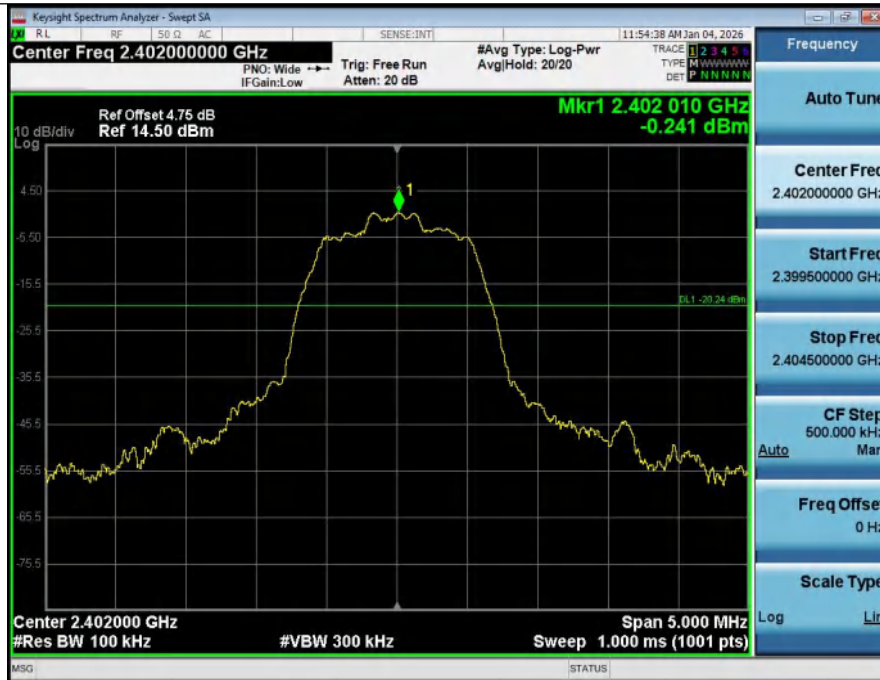
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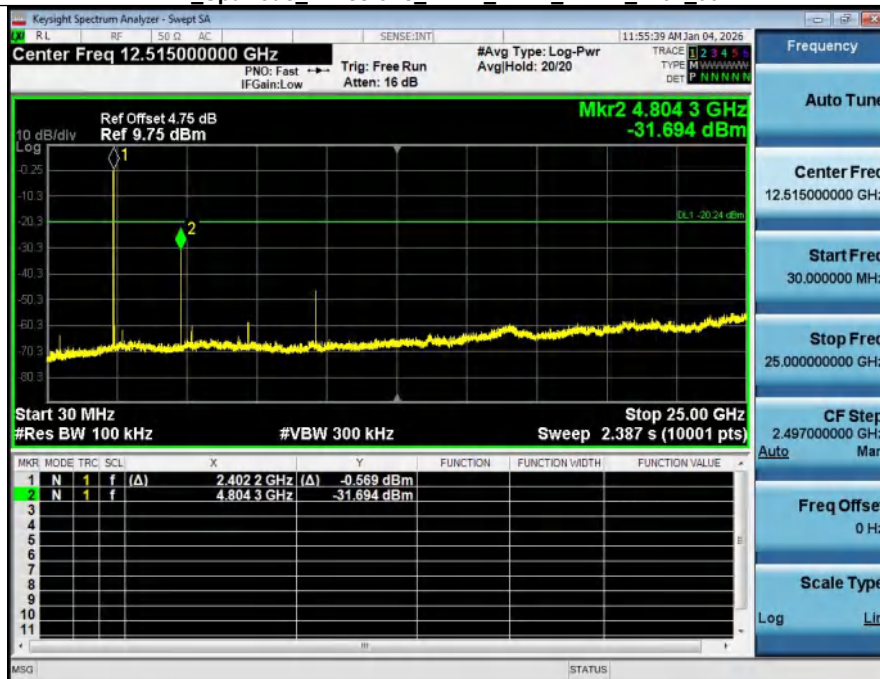
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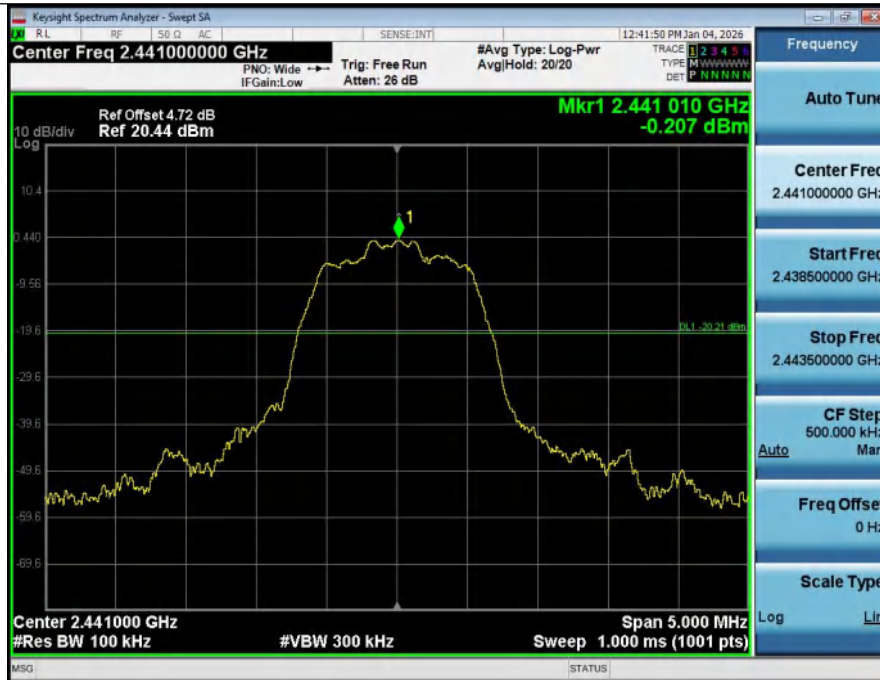
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



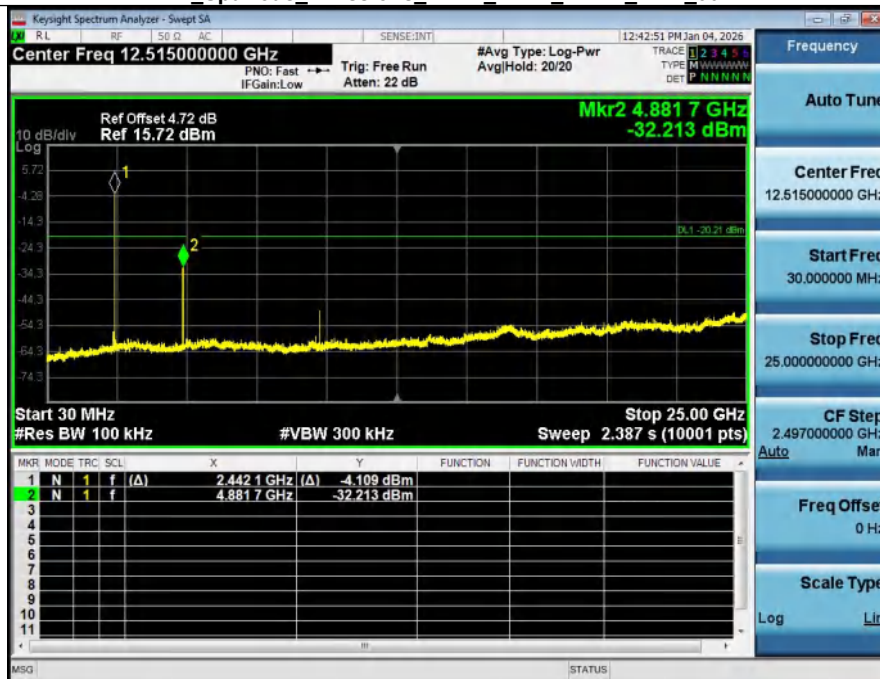
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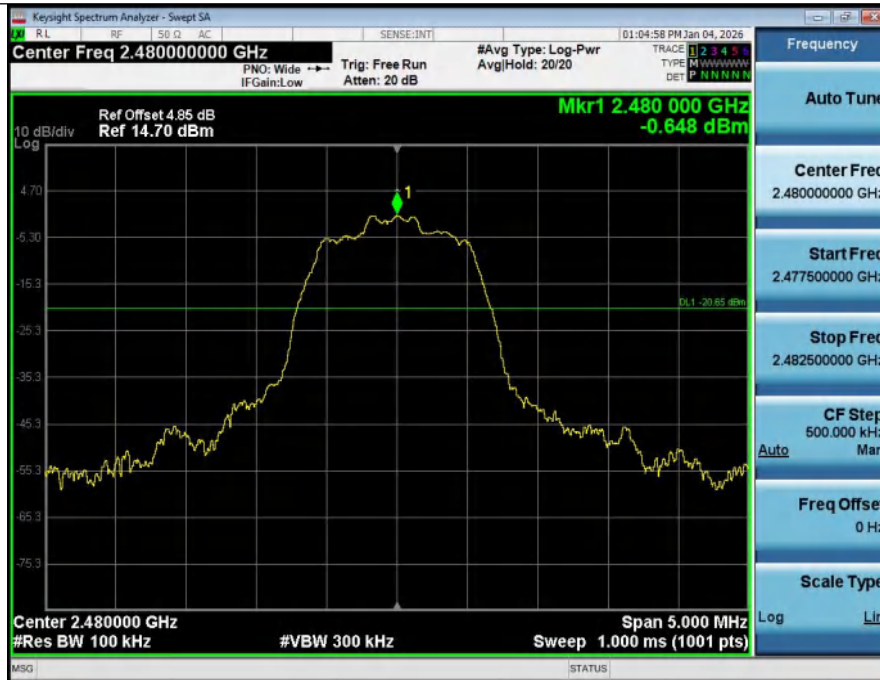
1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



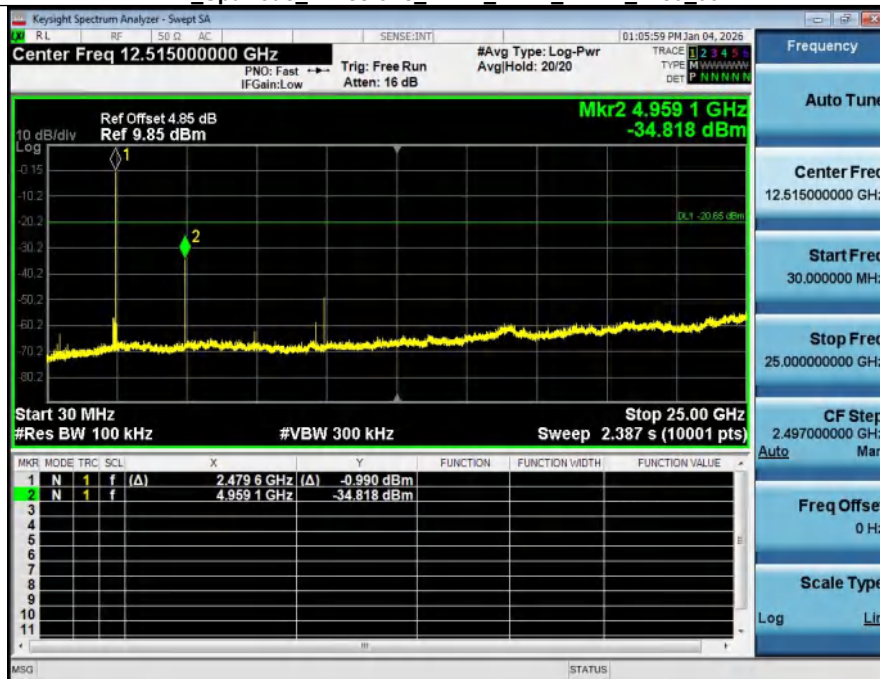
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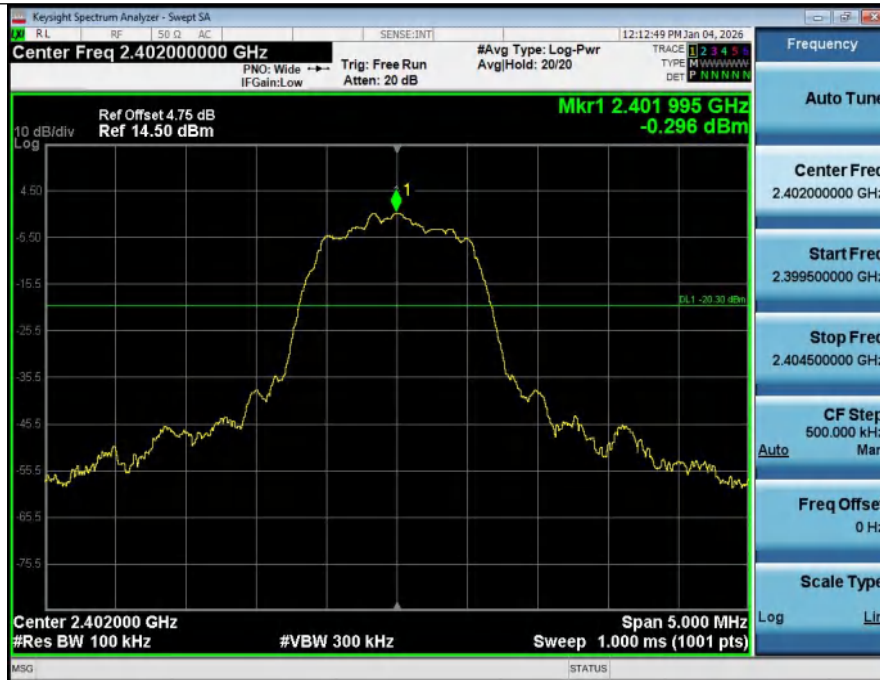
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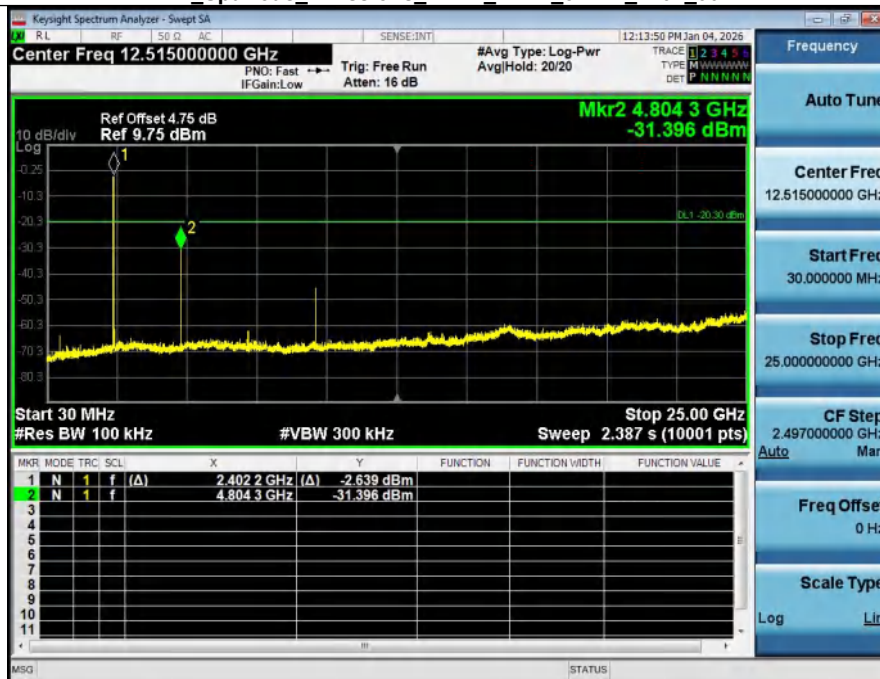
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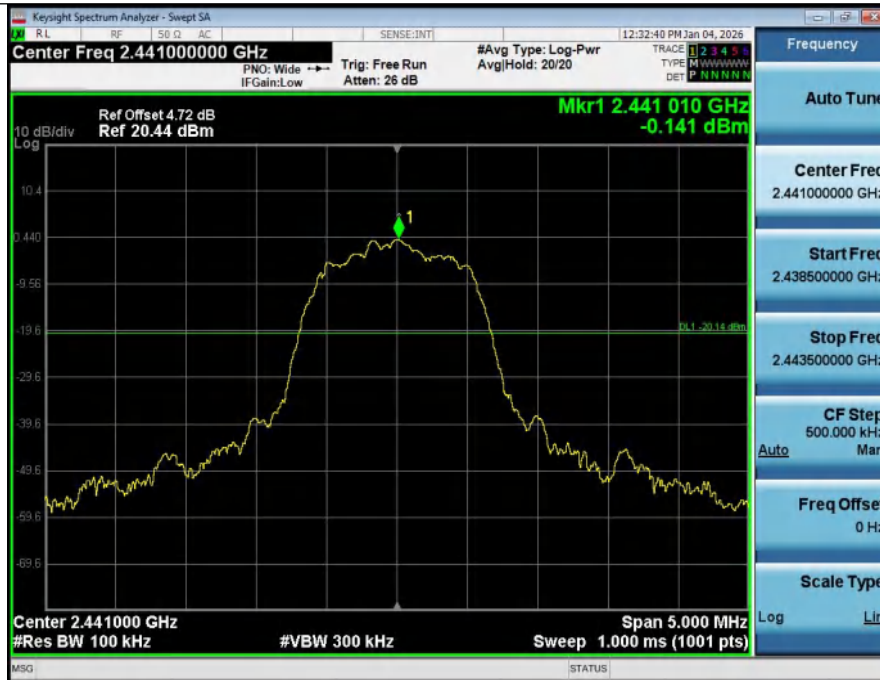
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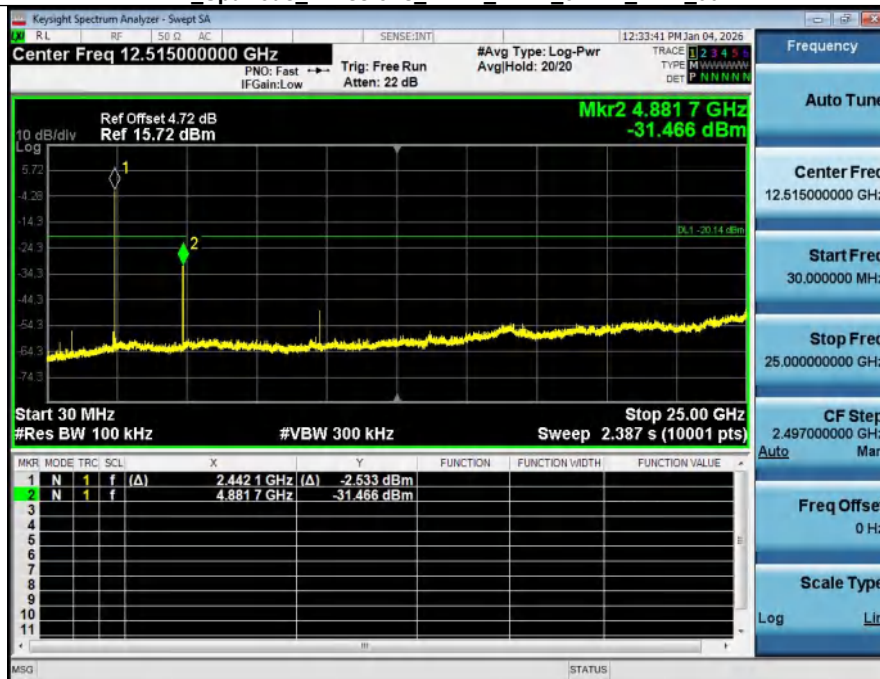
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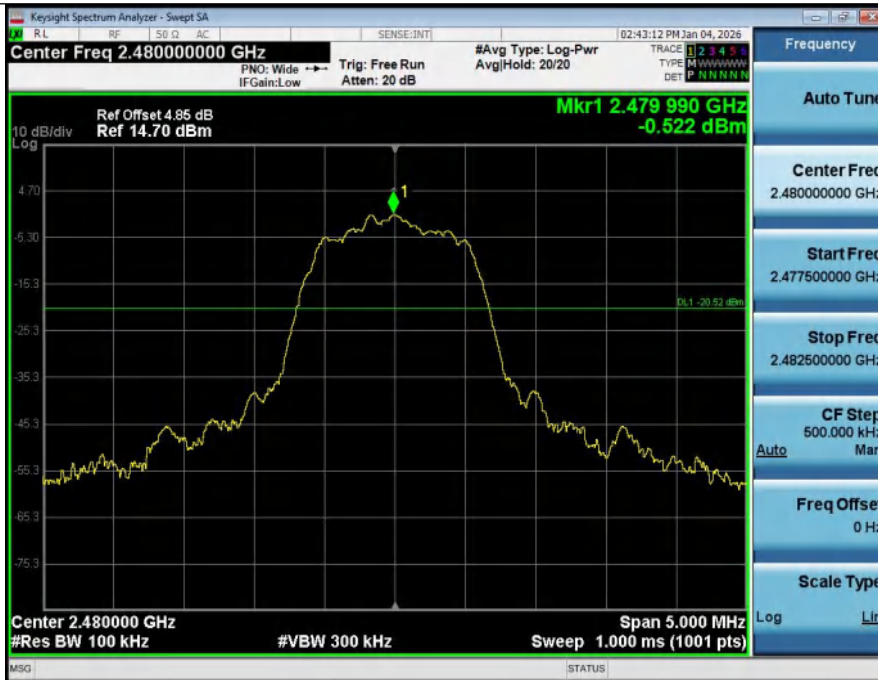
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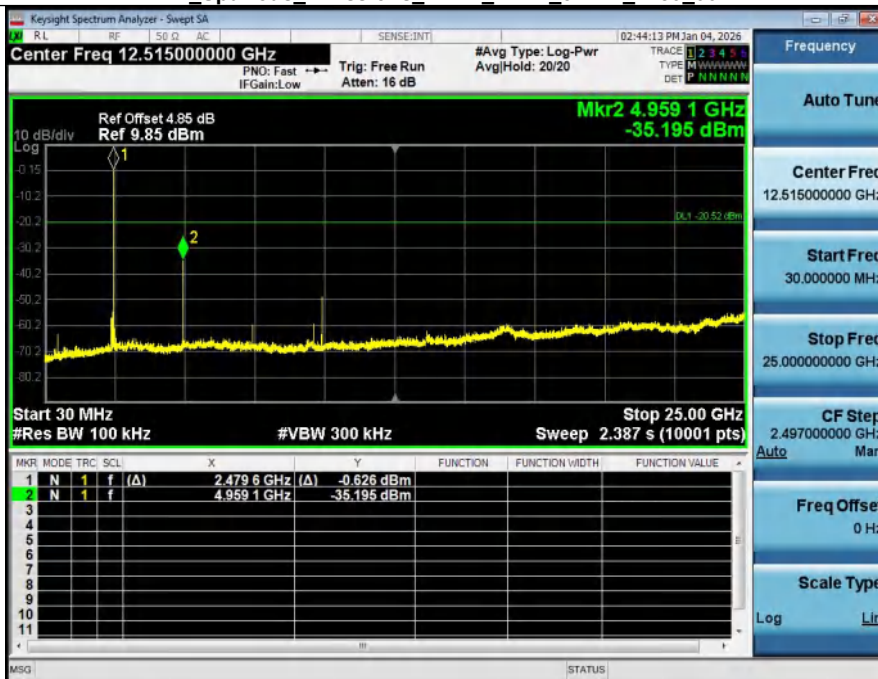
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1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



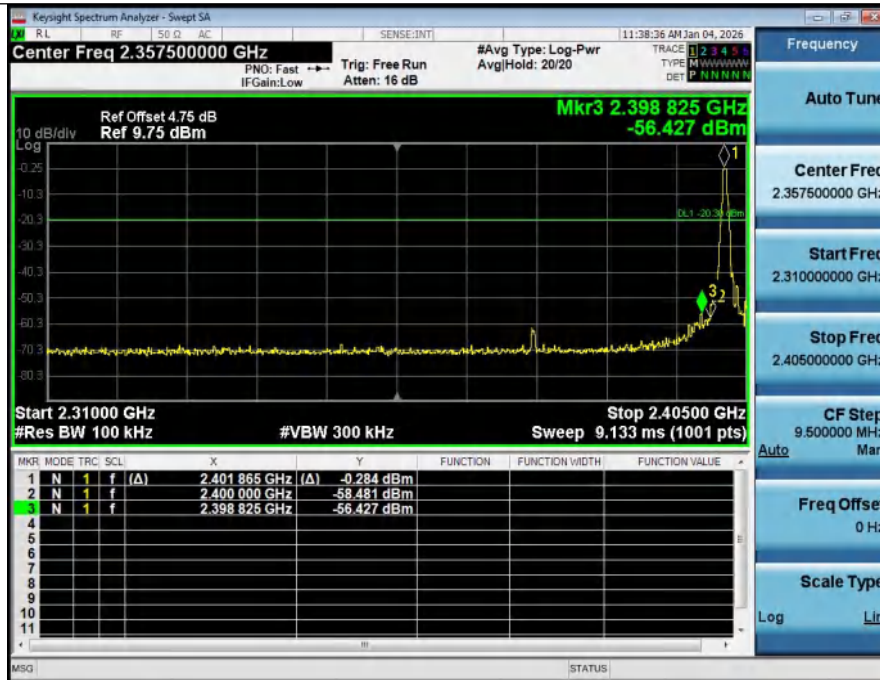
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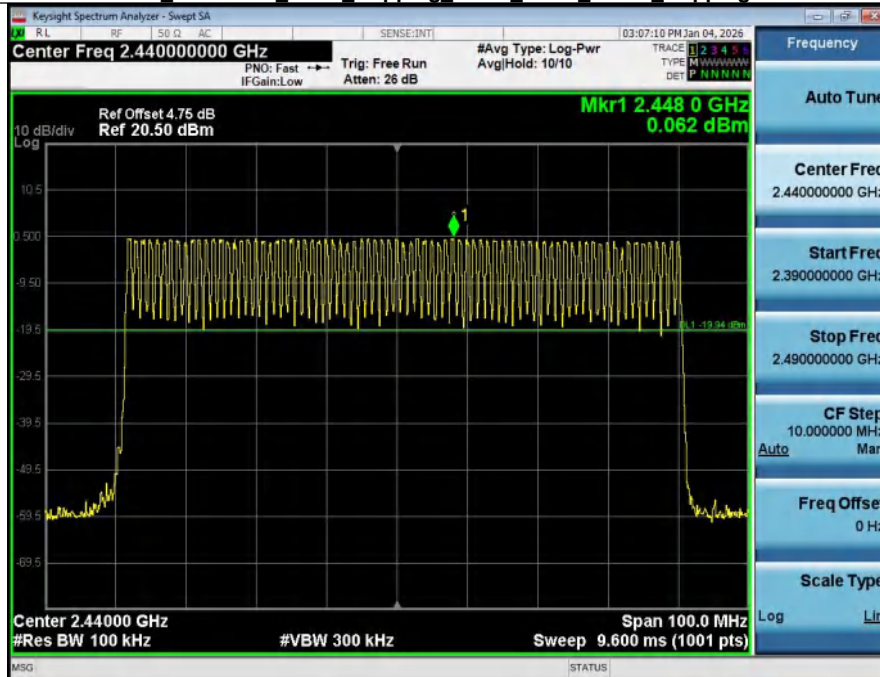
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-0.301	-56.427	-20.301	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	0.062	-52.553	-19.938	Pass
NVNT	ANT1	1-DH1	2480.00	-0.617	-57.824	-20.617	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	0.065	-56.100	-19.935	Pass
NVNT	ANT1	2-DH1	2402.00	-0.241	-53.204	-20.241	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	0.034	-55.757	-19.966	Pass
NVNT	ANT1	2-DH1	2480.00	-0.524	-57.029	-20.524	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	0.092	-57.863	-19.908	Pass
NVNT	ANT1	3-DH1	2402.00	-0.296	-50.662	-20.296	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	0.052	-53.981	-19.948	Pass
NVNT	ANT1	3-DH1	2480.00	-0.522	-56.842	-20.522	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	0.061	-57.002	-19.939	Pass

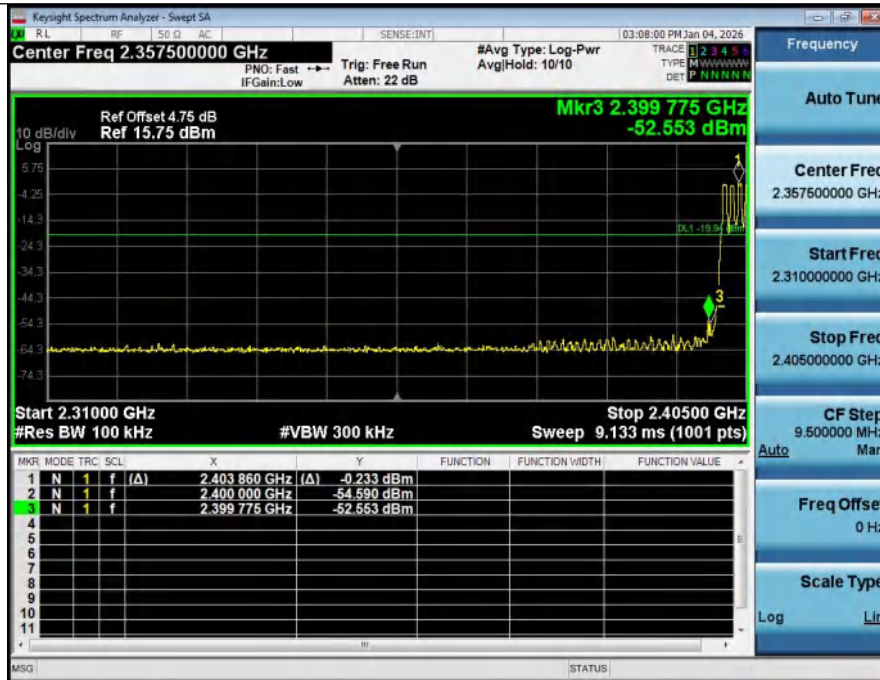




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



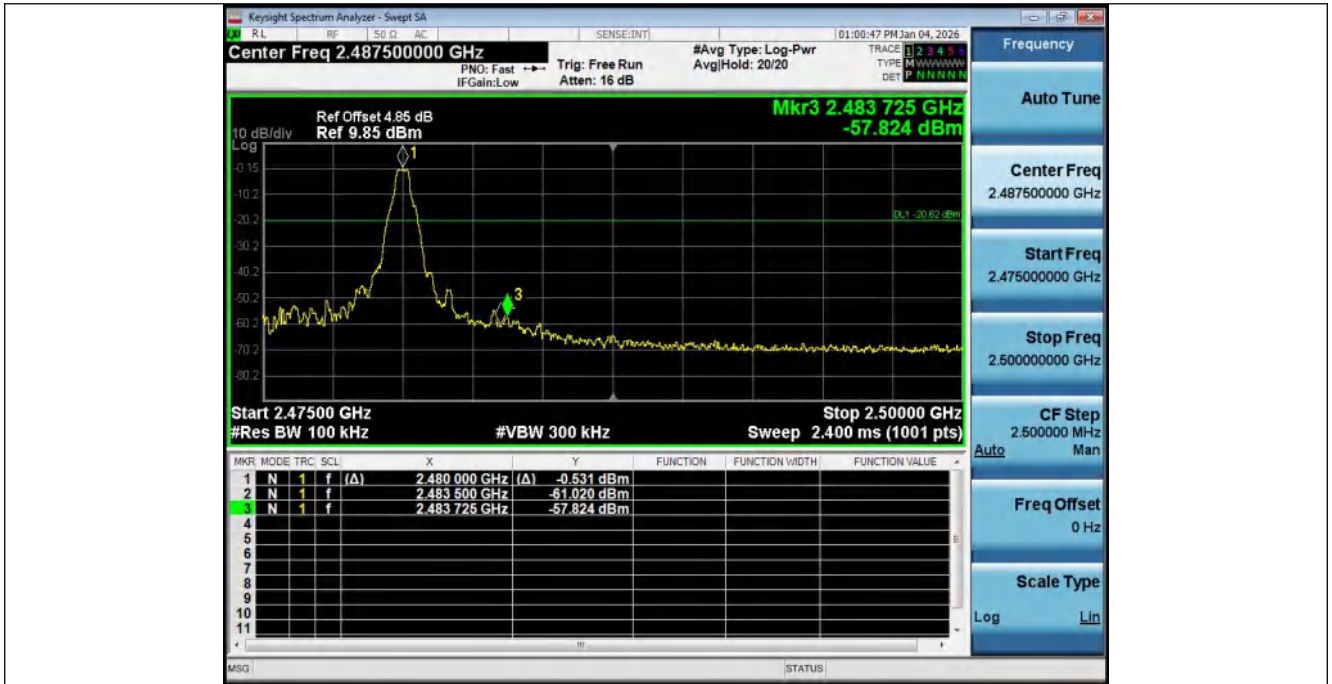
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



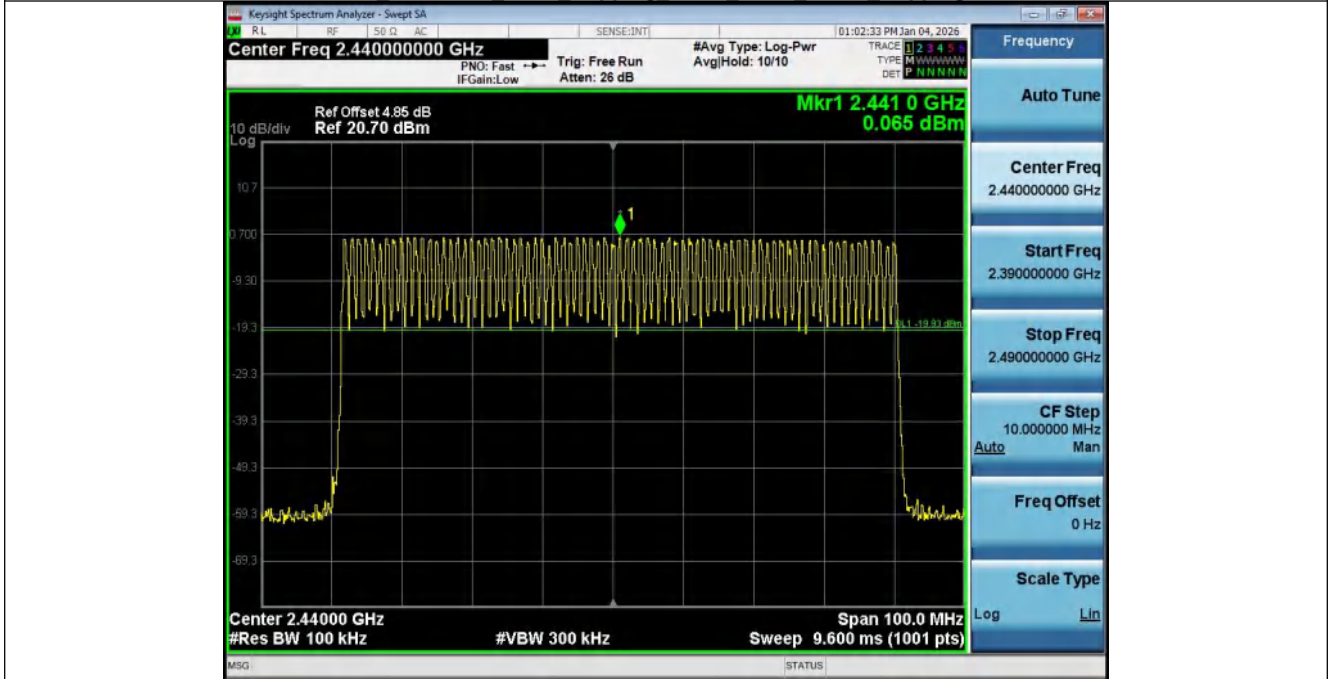
1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



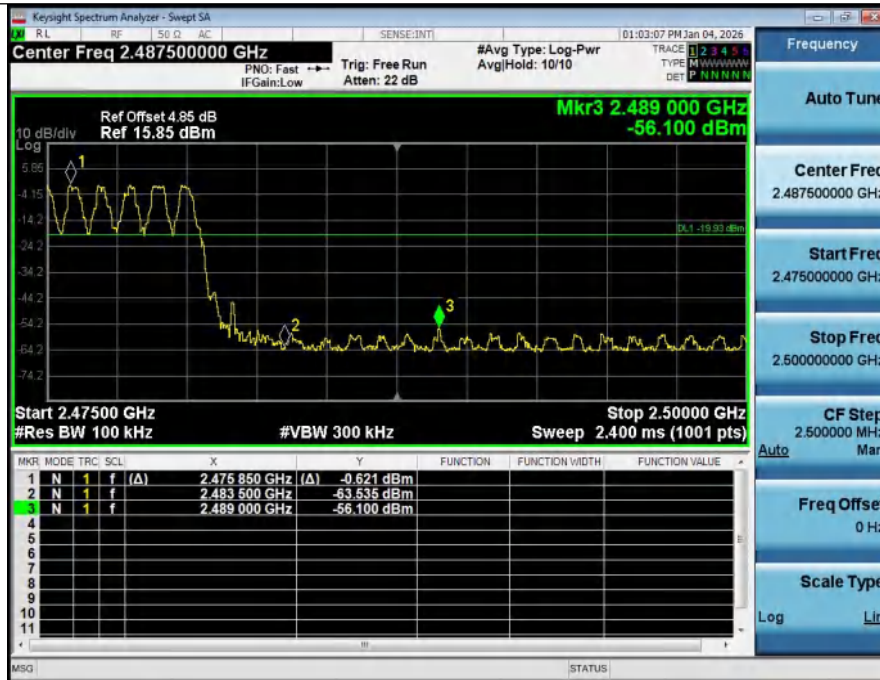
2 Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



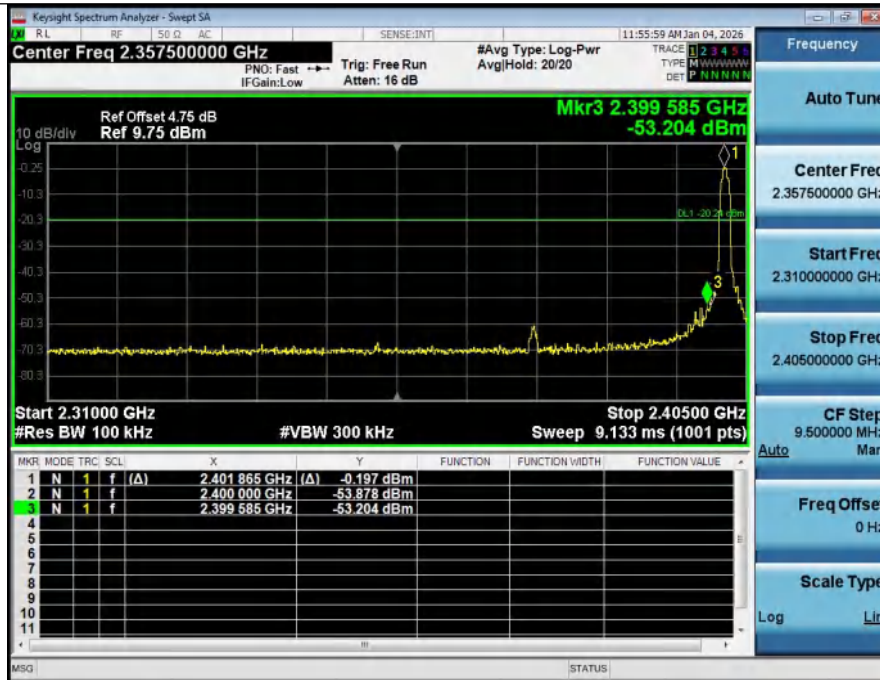
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



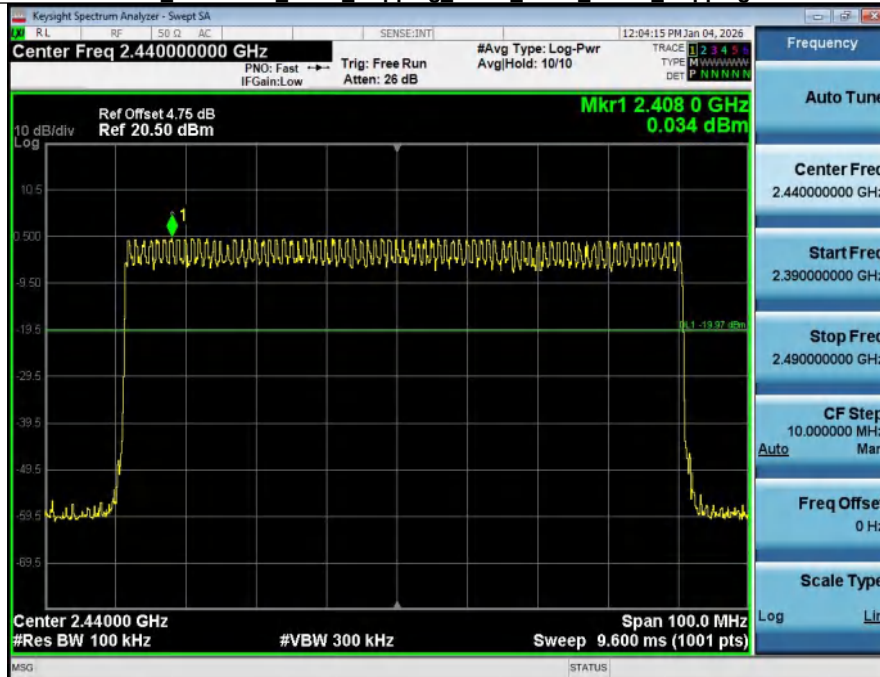
1 Reference Level NVNT ANT1 2-DH1 2402_00



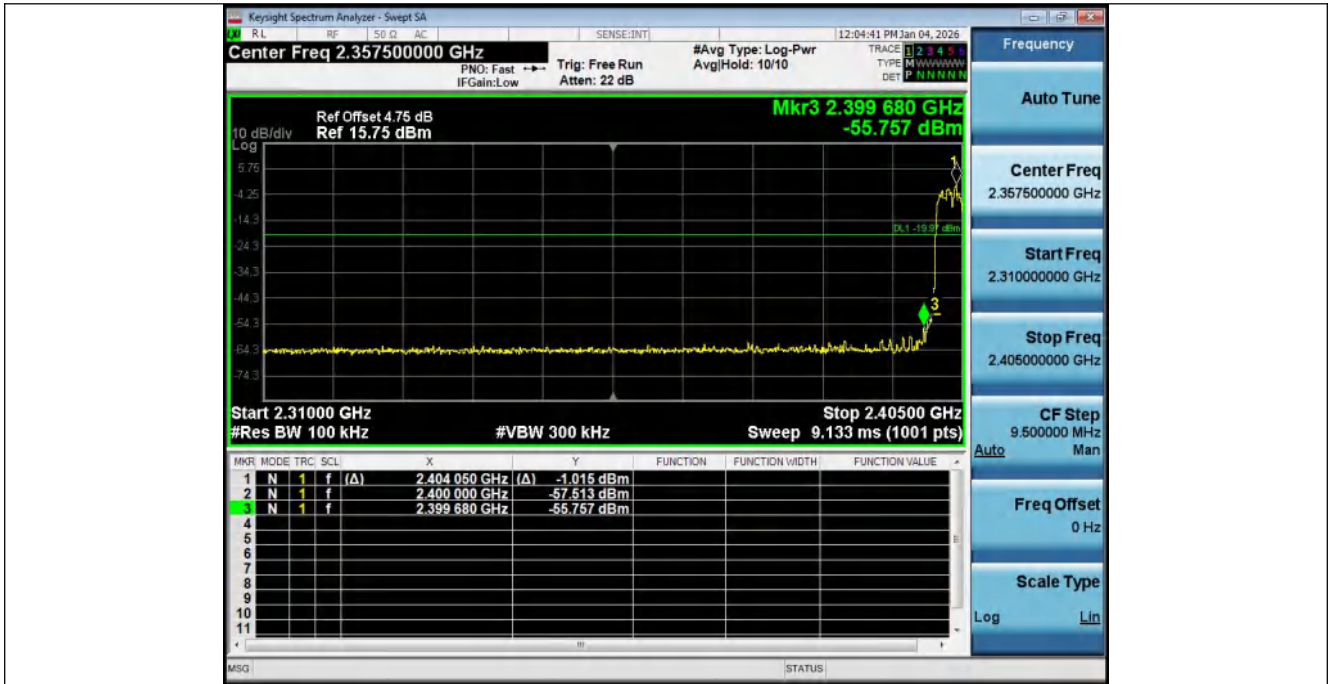
2 Bandedge NVNT ANT1 2-DH1 2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



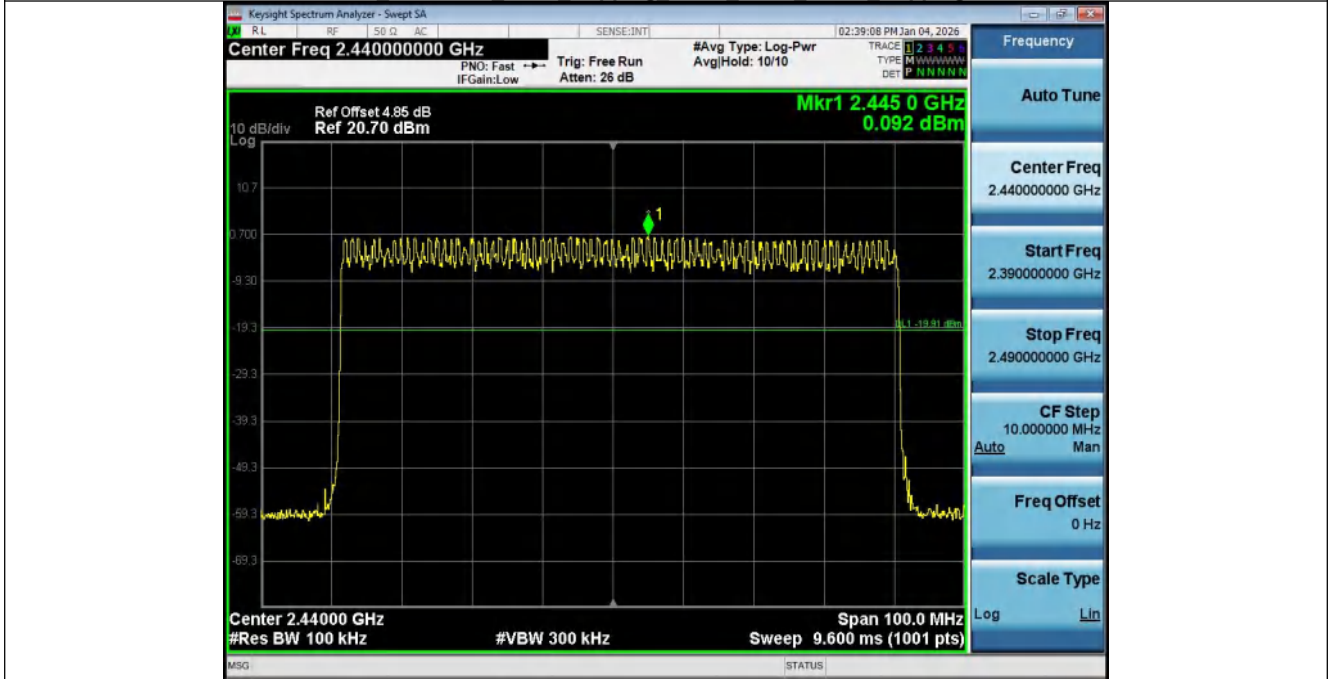
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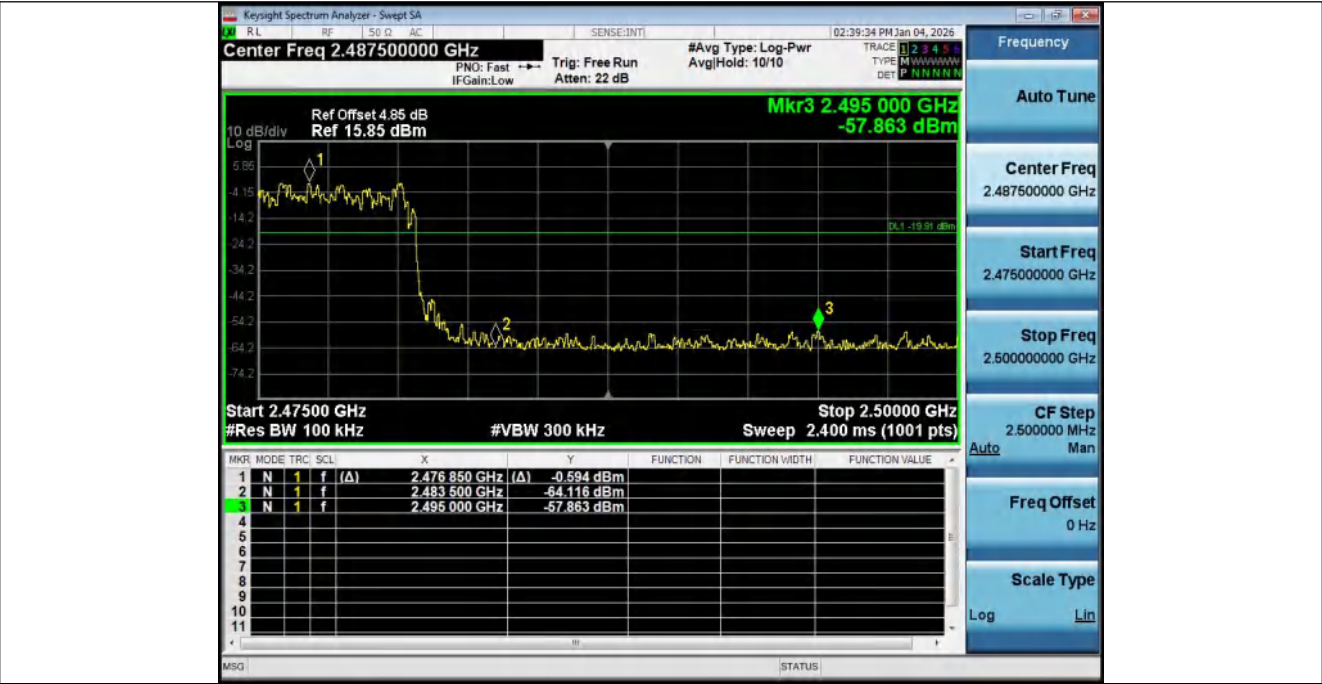
2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



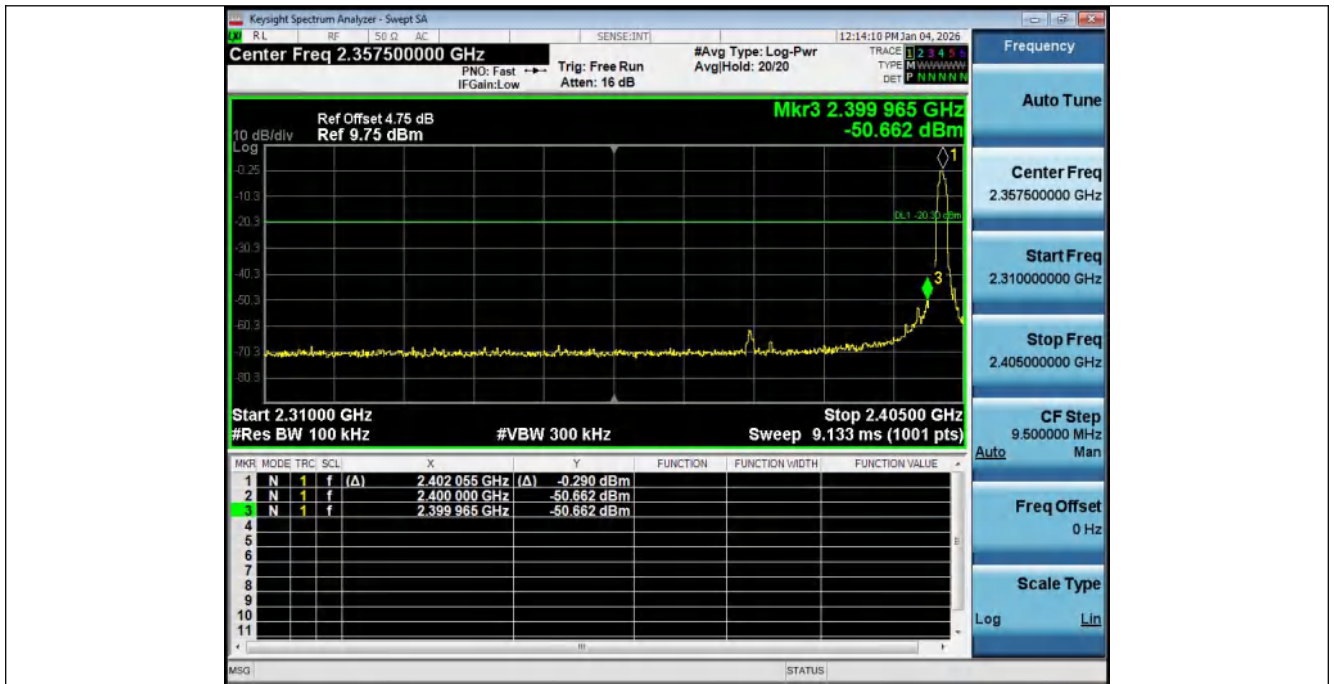
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



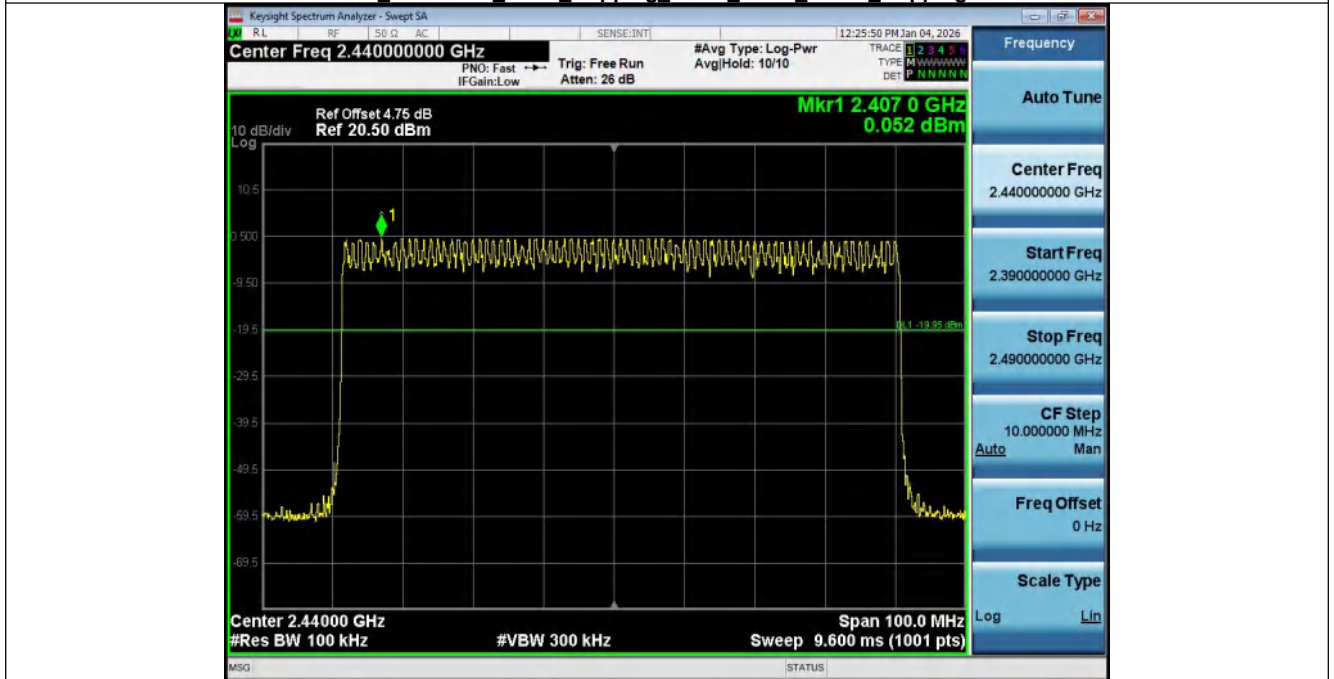
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



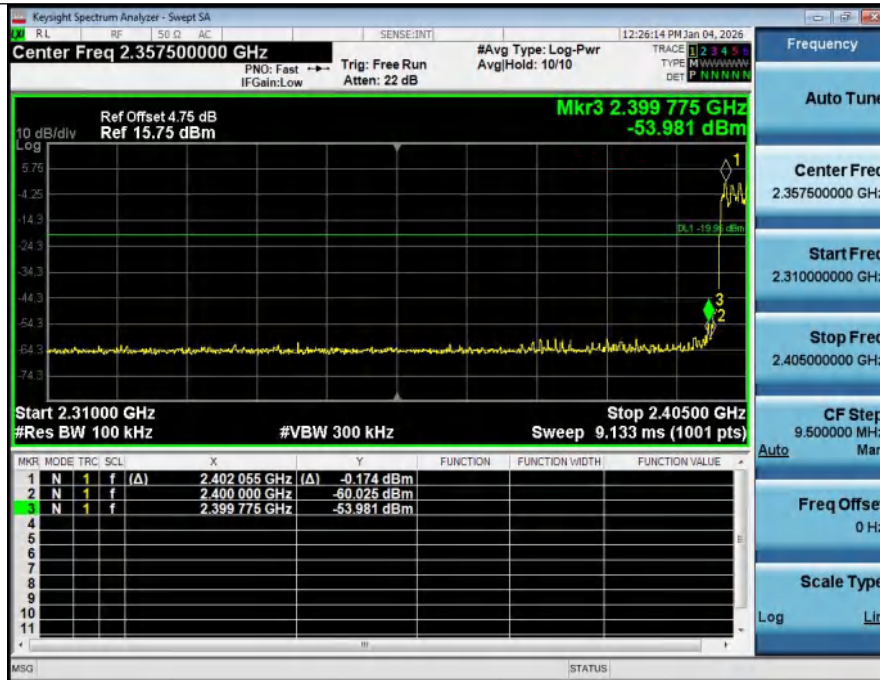
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



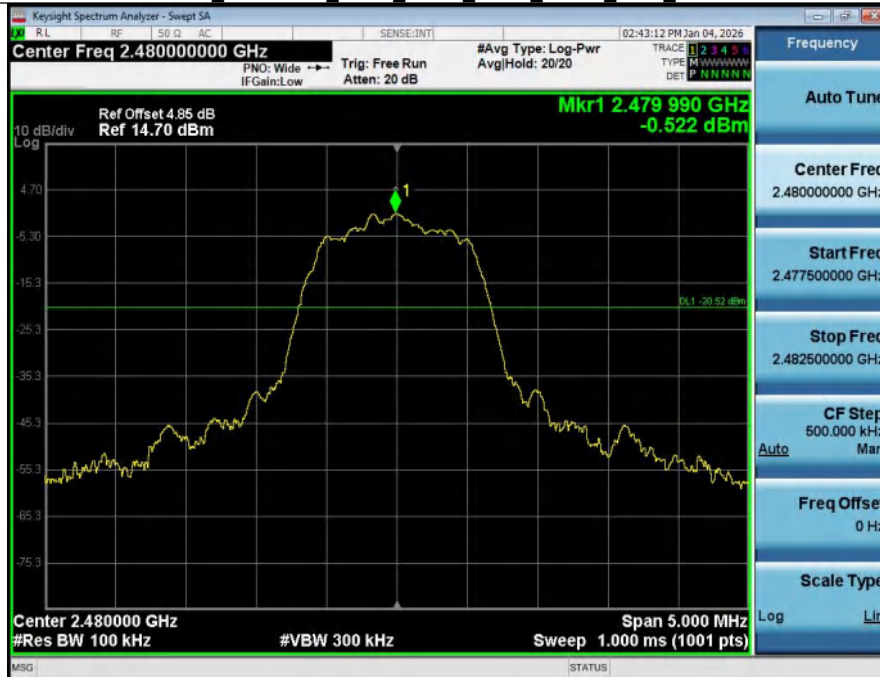
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



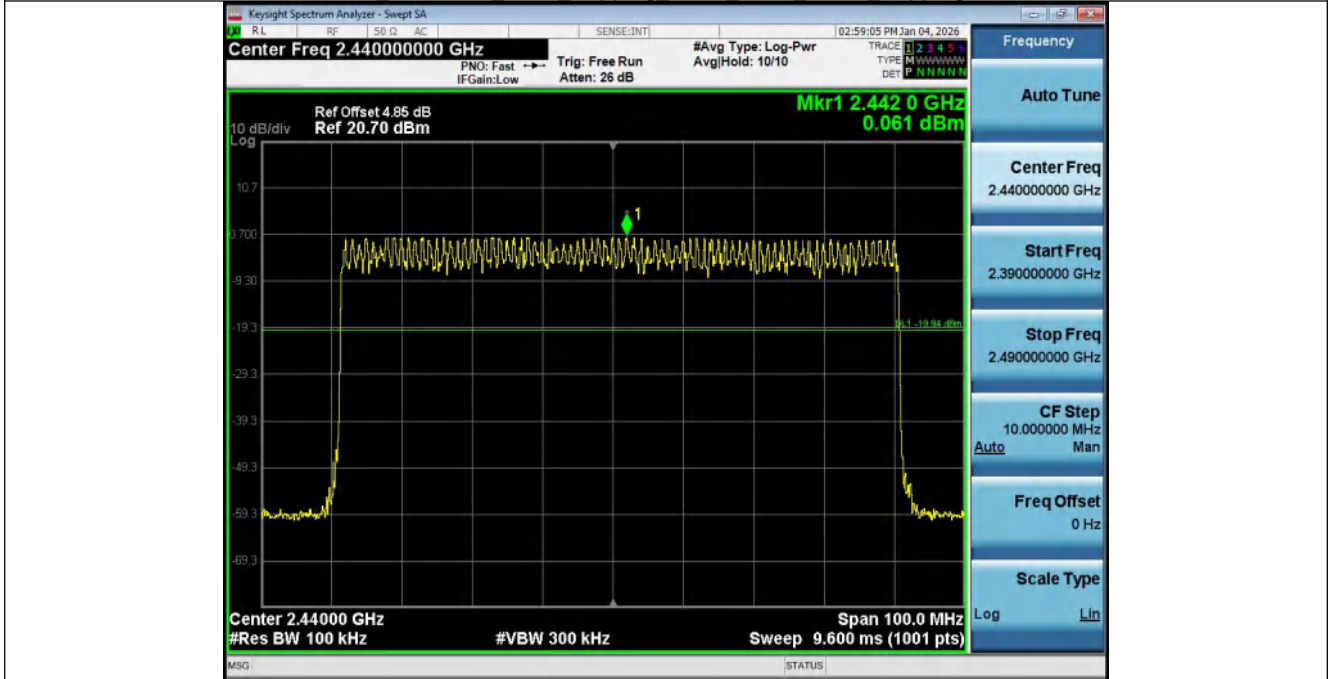
1 Reference_Level_NVNT_ANT1_3-DH1_2480_00



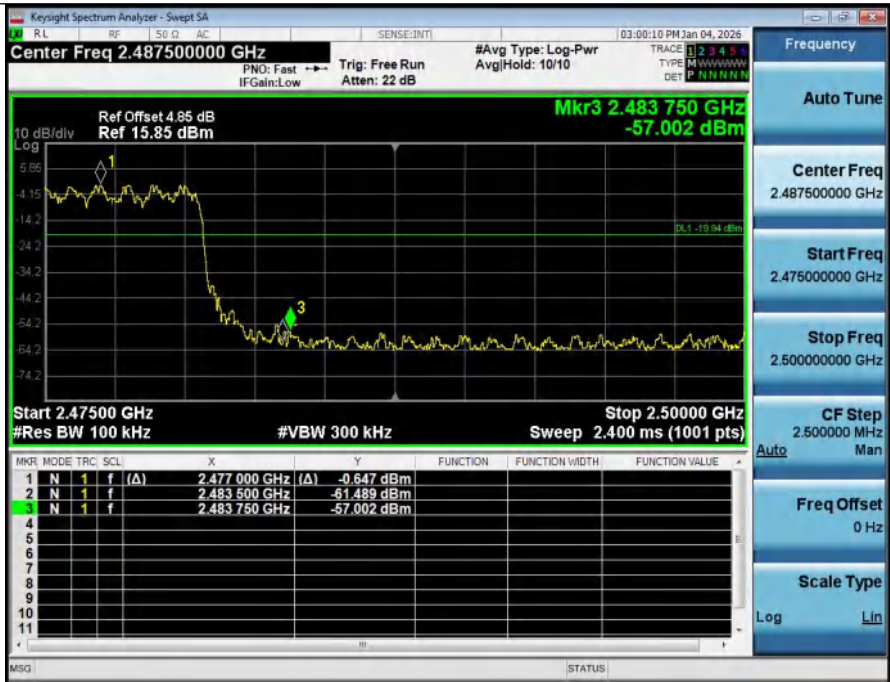
2 Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

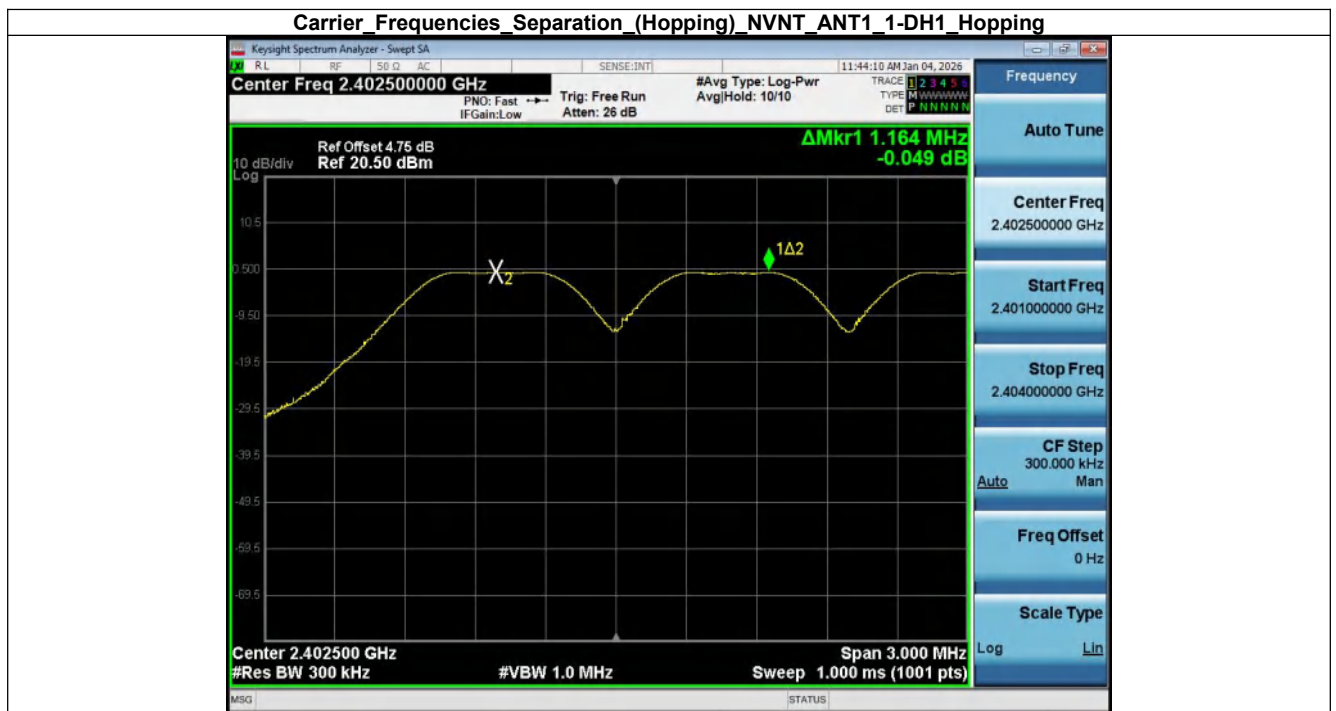


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

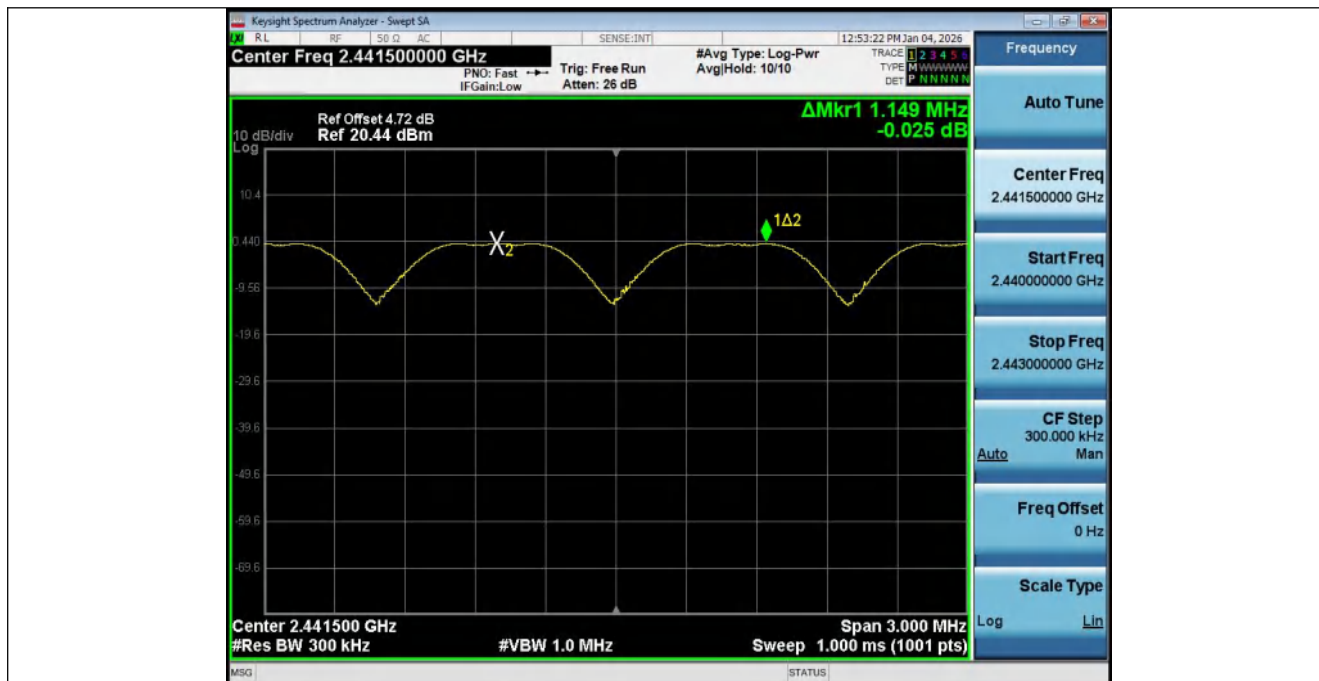


7. Carrier Frequencies Separation (Hopping)

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	2401.987	2403.151	1.16	0.904	Pass
NVNT	ANT1	1-DH1	2441.00	2440.993	2442.142	1.15	0.862	Pass
NVNT	ANT1	1-DH1	2480.00	2478.990	2479.983	0.99	0.873	Pass
NVNT	ANT1	2-DH1	2402.00	2402.002	2402.998	1.00	0.864	Pass
NVNT	ANT1	2-DH1	2441.00	2440.984	2441.989	1.00	0.864	Pass
NVNT	ANT1	2-DH1	2480.00	2478.984	2479.989	1.00	0.859	Pass
NVNT	ANT1	3-DH1	2402.00	2401.996	2402.995	1.00	0.845	Pass
NVNT	ANT1	3-DH1	2441.00	2440.987	2441.989	1.00	0.841	Pass
NVNT	ANT1	3-DH1	2480.00	2478.990	2479.989	1.00	0.840	Pass



Carrier Frequencies Separation (Hopping) NVNT ANT1 1-DH1 Hopping



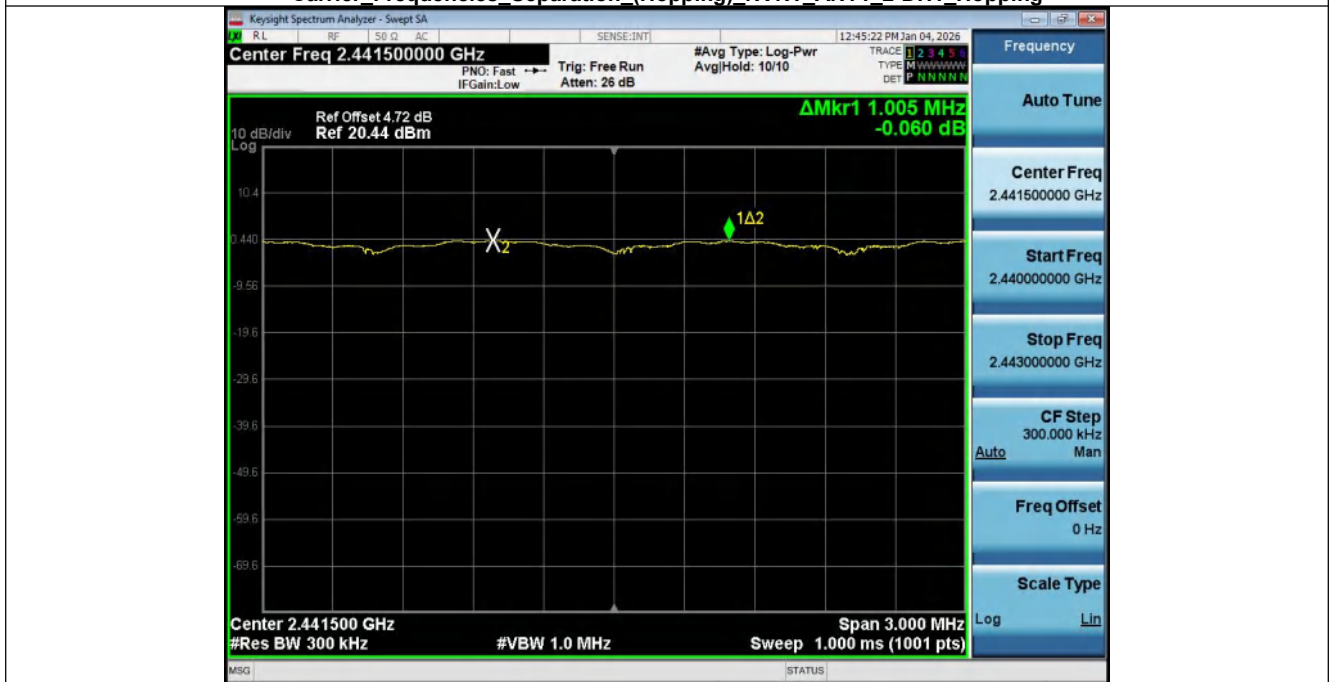
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



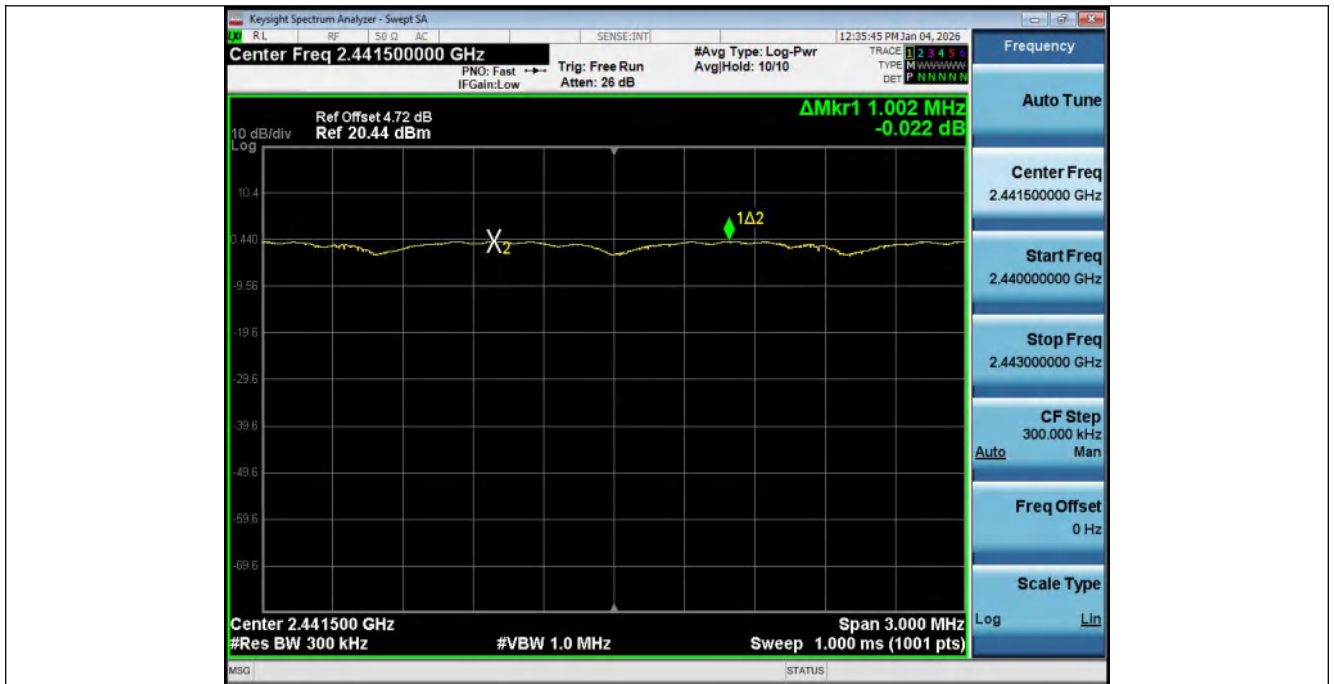
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

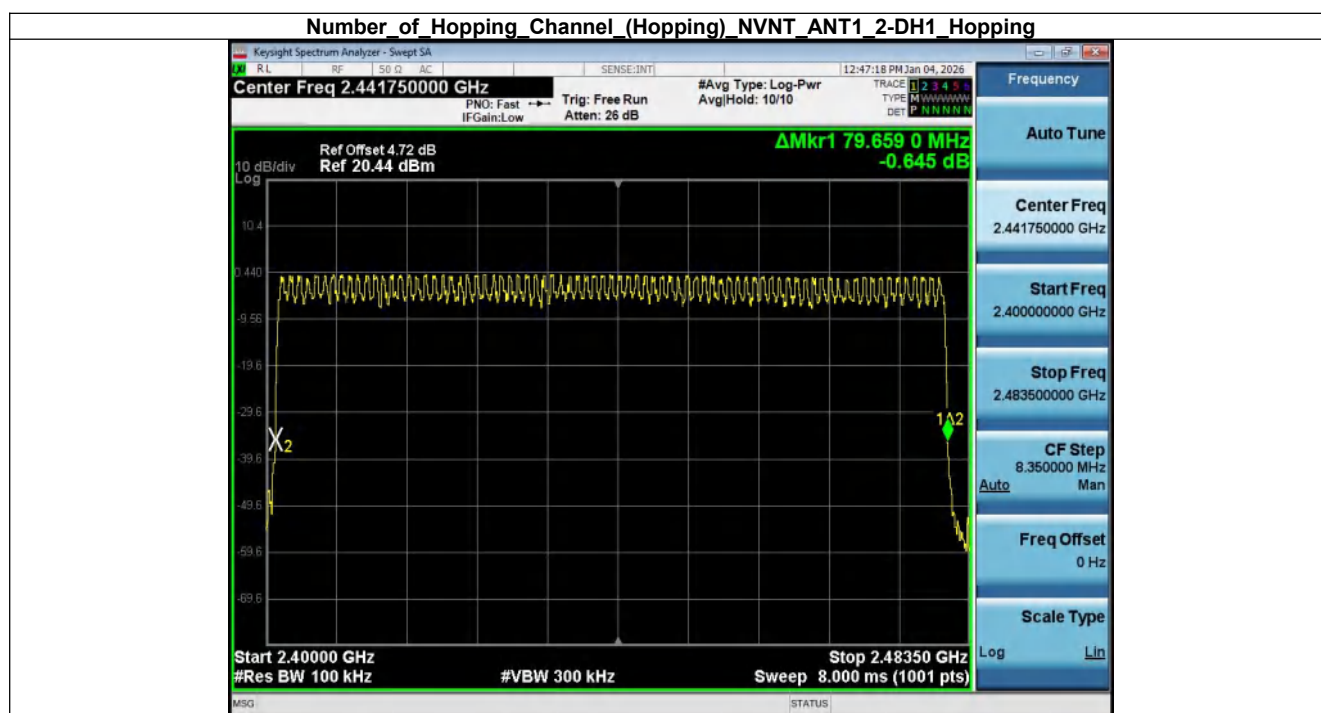
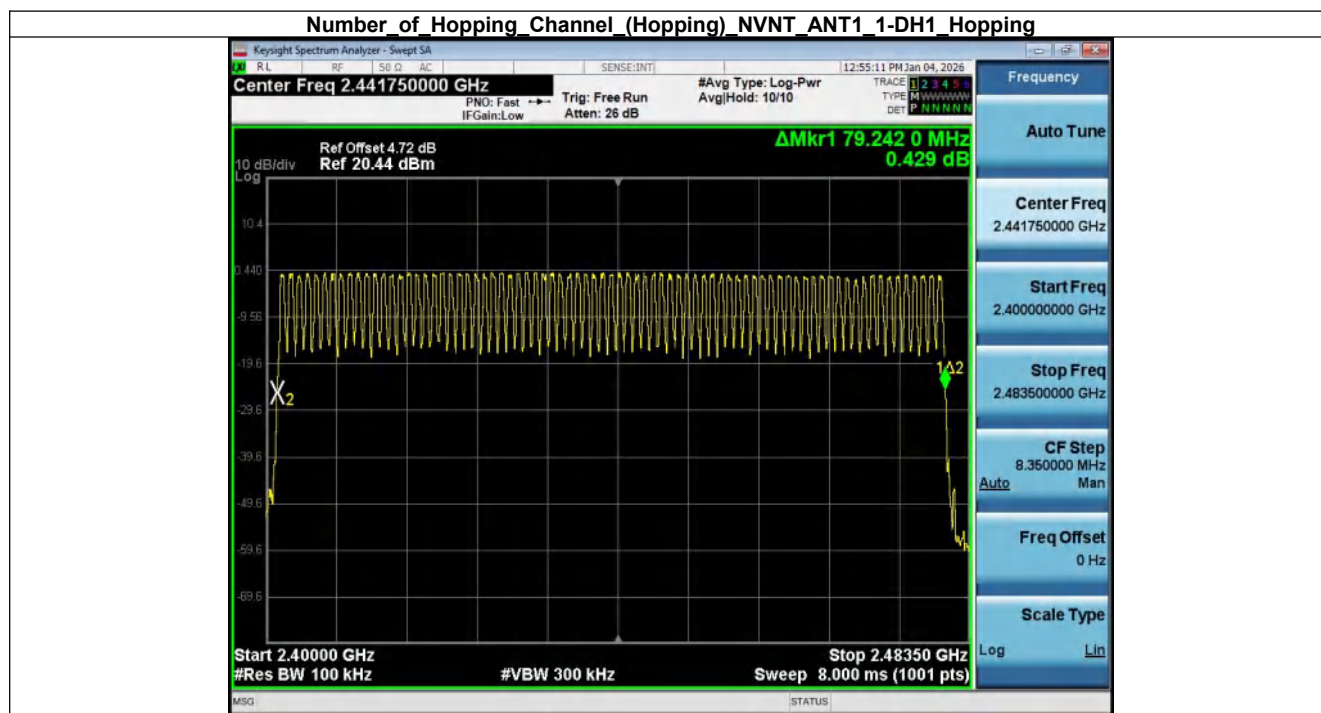


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

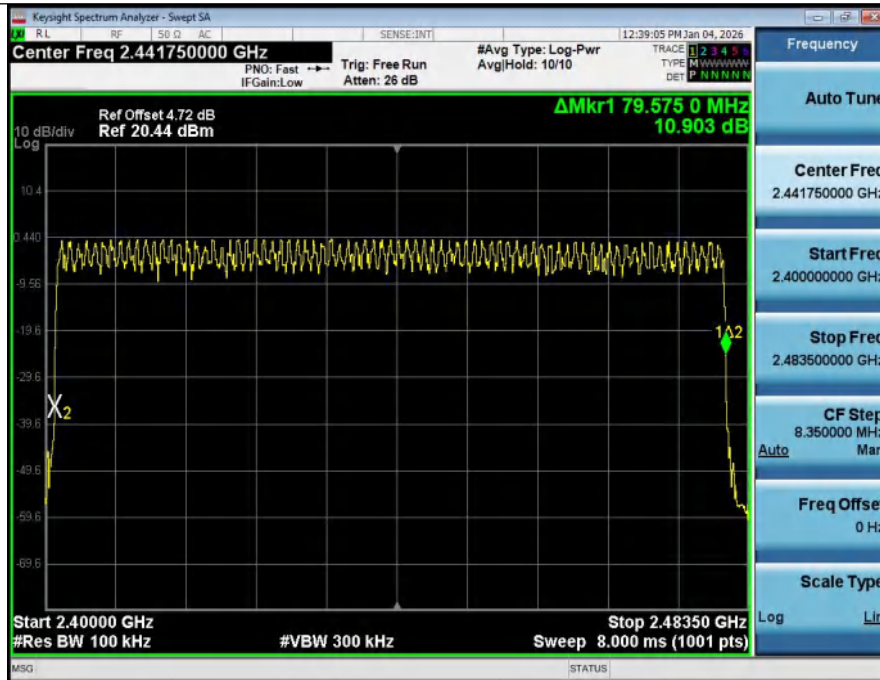


8. Number of Hopping Channel (Hopping)

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



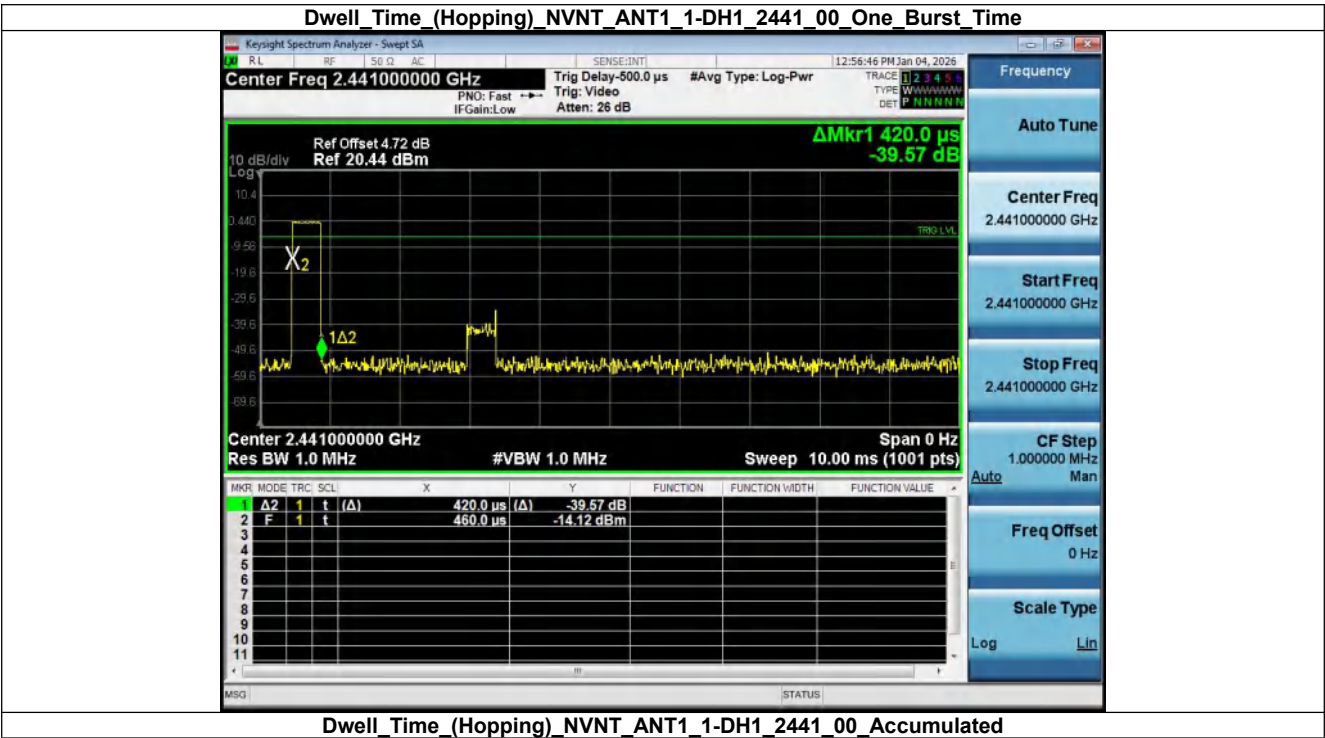
9. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	2-DH1	0.430	320.00	137.600	0.40	Pass
NVNT	ANT1	3-DH1	0.440	320.00	140.800	0.40	Pass
NVNT	ANT1	1-DH3	1.680	160.00	268.800	0.40	Pass
NVNT	ANT1	1-DH5	2.930	102.00	298.860	0.40	Pass
NVNT	ANT1	2-DH3	1.690	168.00	283.920	0.40	Pass
NVNT	ANT1	2-DH5	2.930	110.00	322.300	0.40	Pass
NVNT	ANT1	3-DH3	1.680	158.00	265.440	0.40	Pass
NVNT	ANT1	3-DH5	2.930	106.00	310.580	0.40	Pass

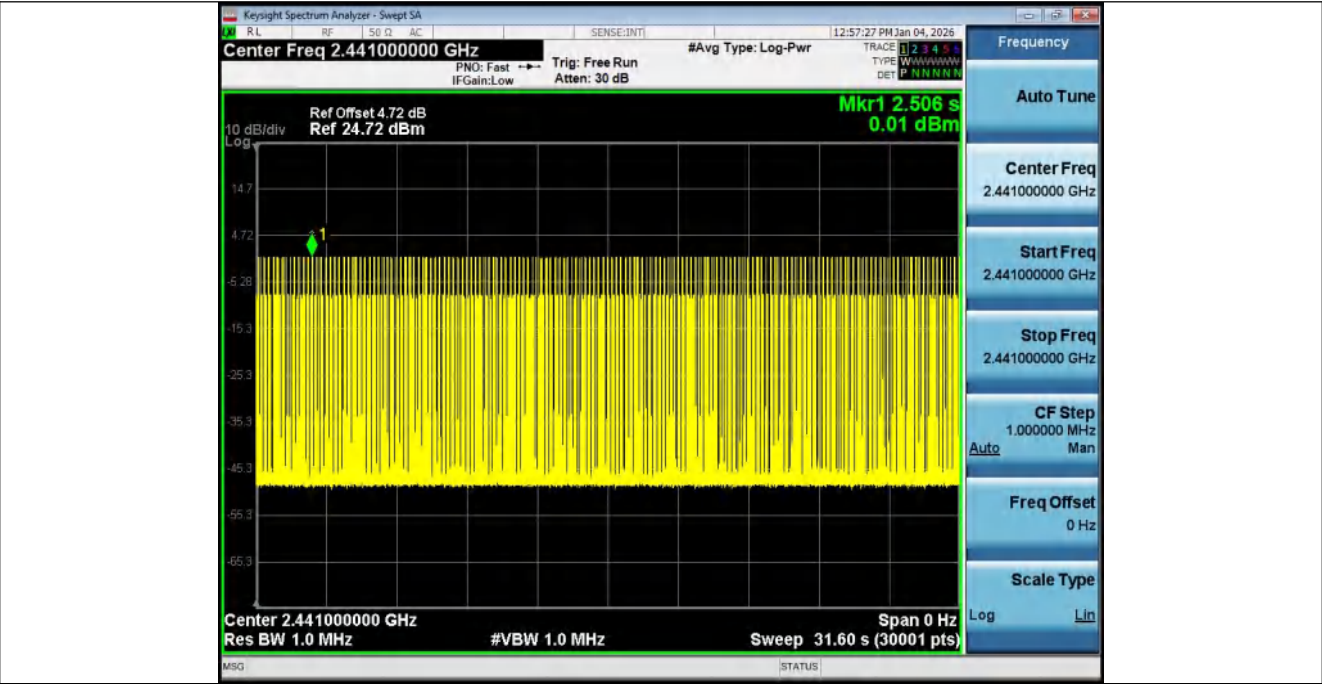
Dwell time=Pulse time (ms) × (1600 ÷ 2 ÷ 79) x31.6 Second for DH1, 2-DH1, 3-DH1

Dwelltime=Pulse time (ms) × (1600 ÷ 4 ÷ 79) x31.6 Second for DH3, 2-DH3, 3-DH3

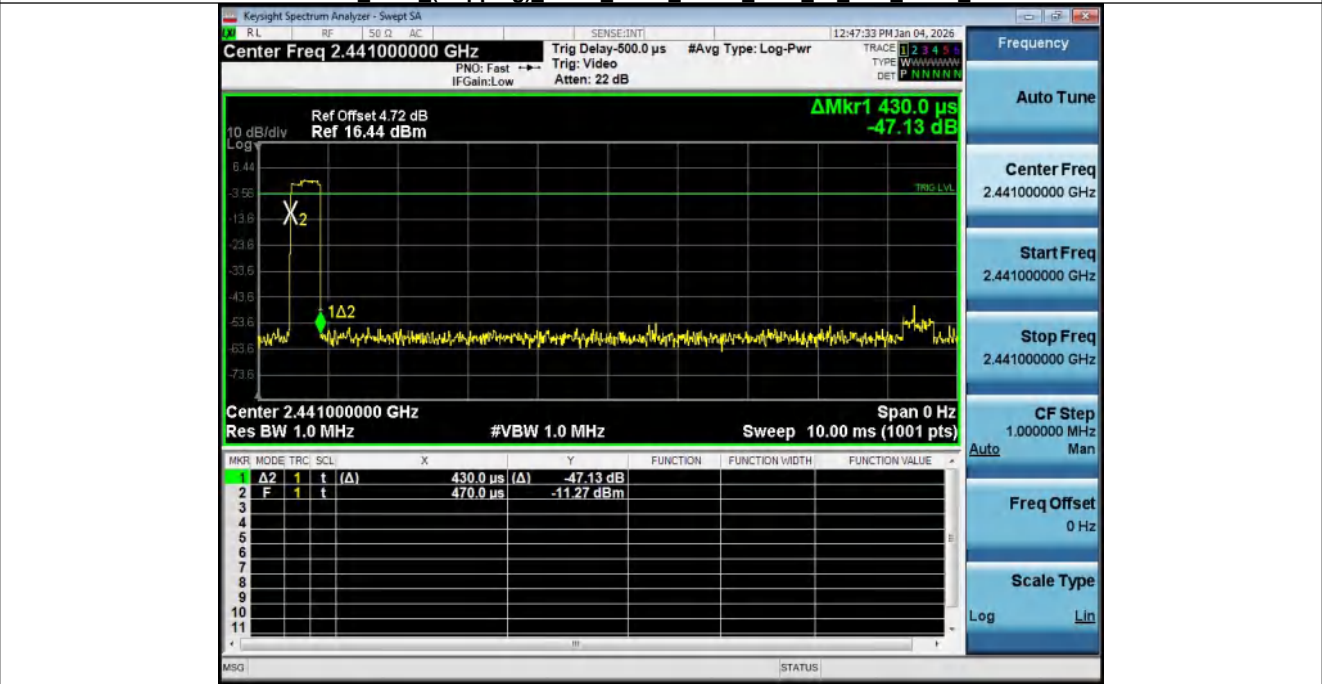
Dwell time=Pulse time (ms) × (1600 ÷ 6 ÷ 79) x31.6 Second for DH5, 2-DH5, 3-DH5



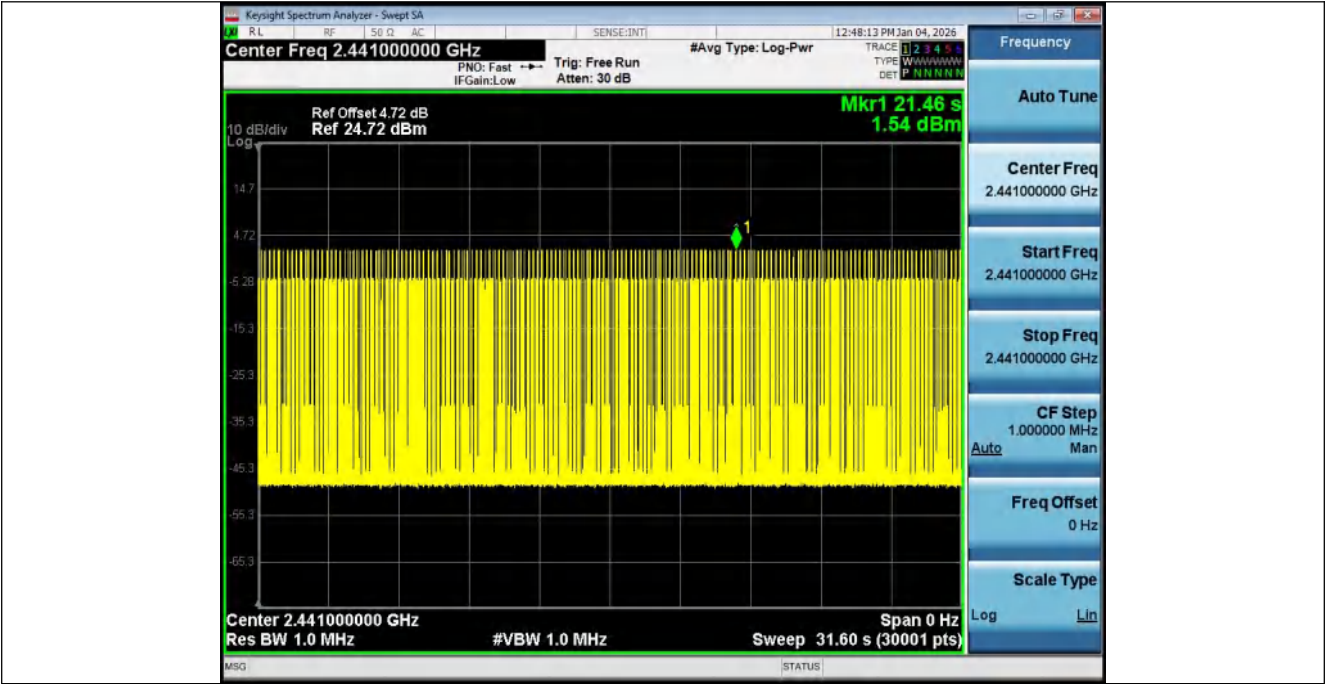
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_00_Accumulated



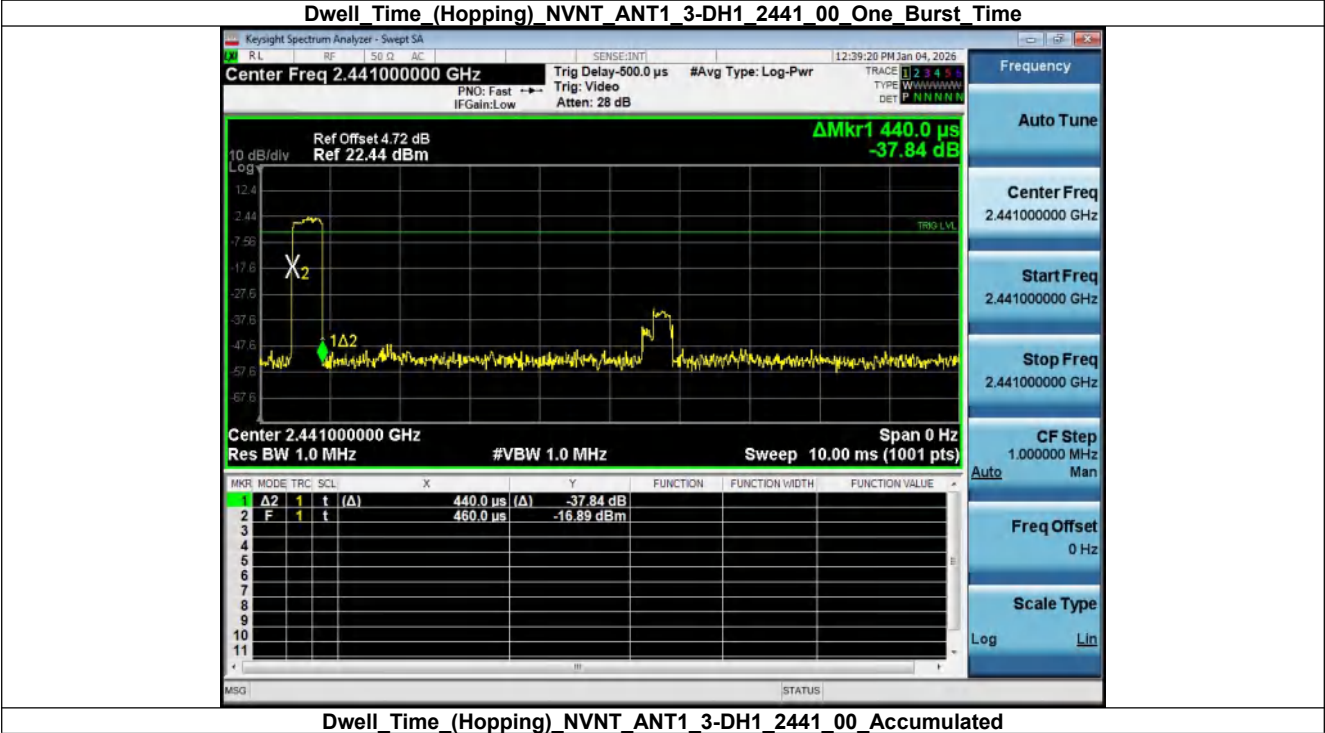
Dwell_Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One Burst Time



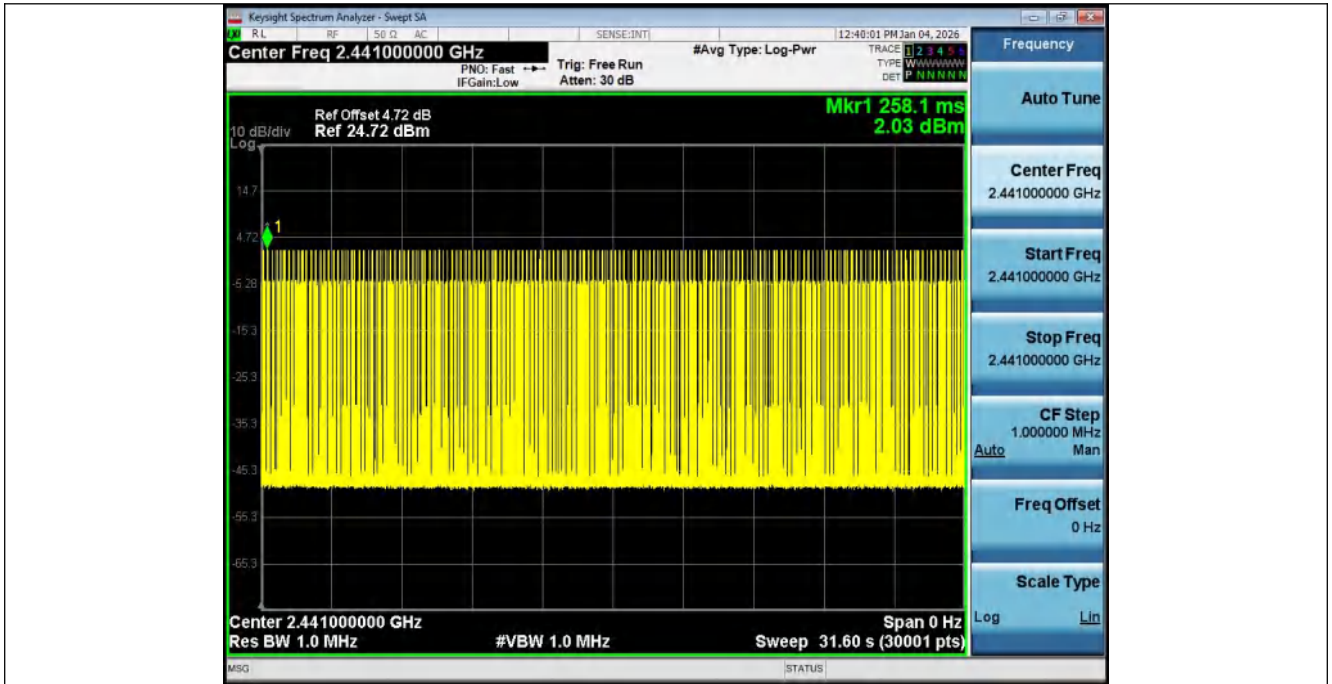
Dwell_Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



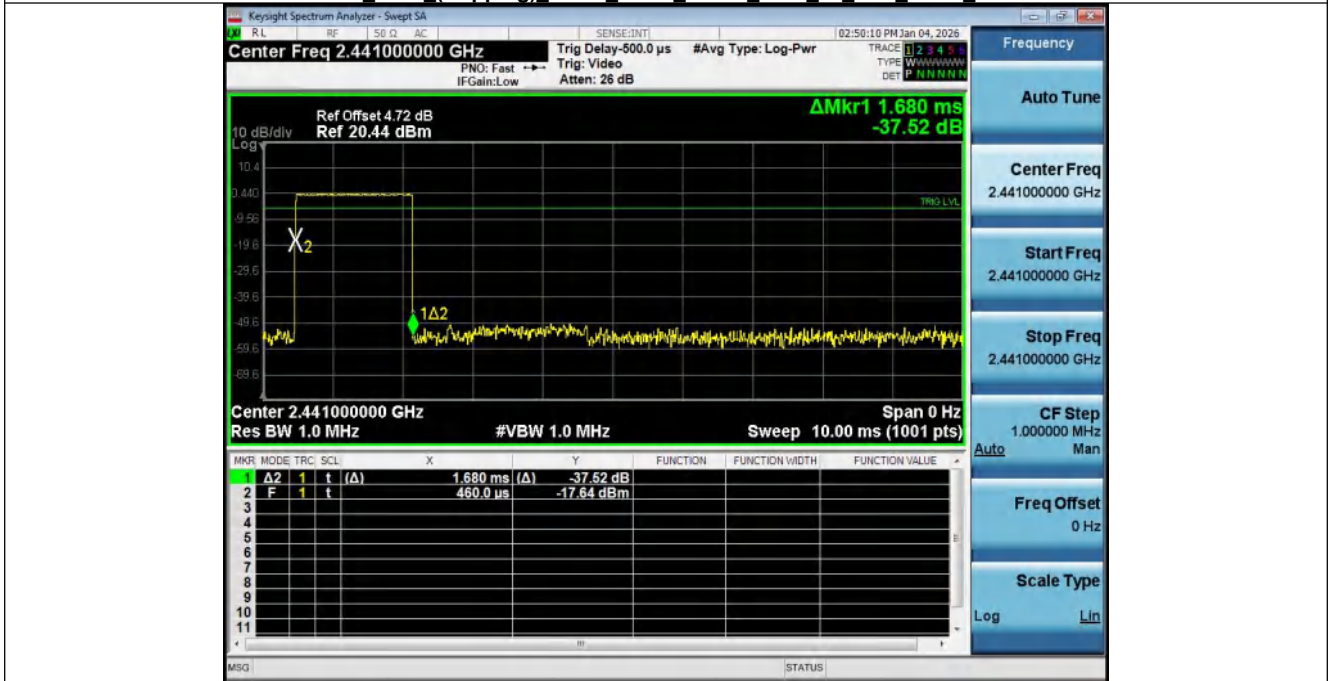
Dwell_Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



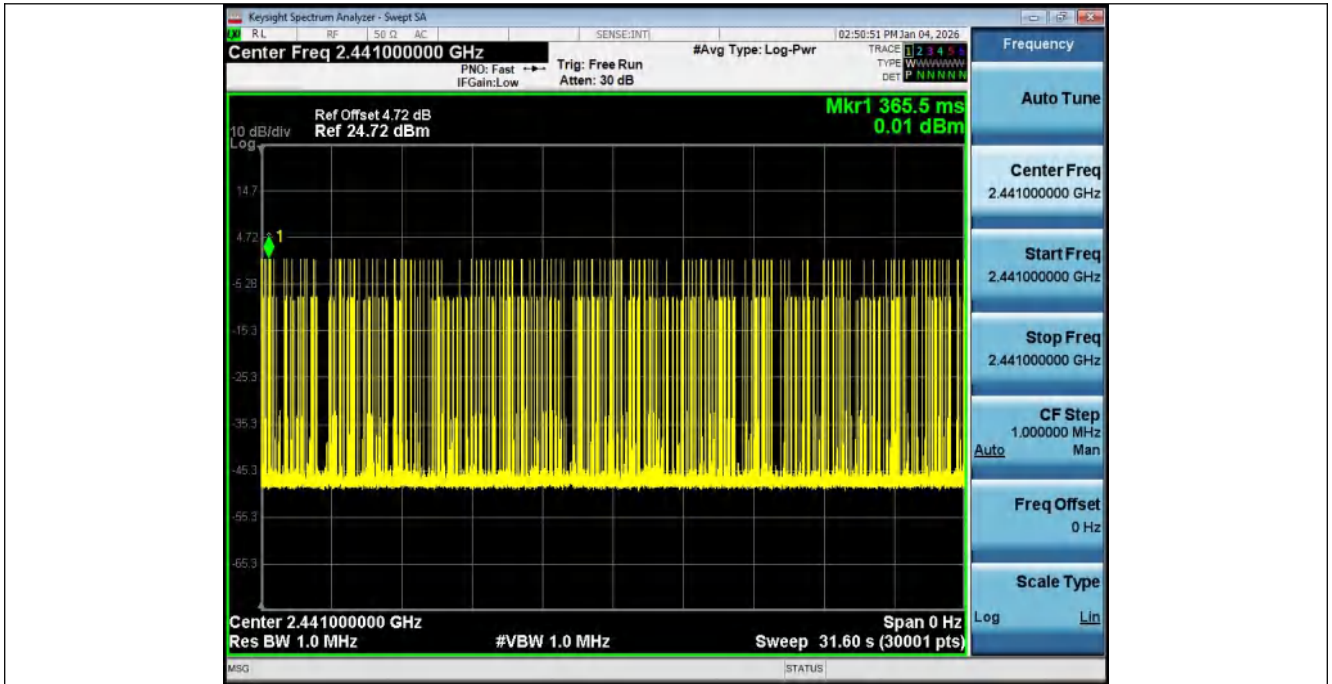
Dwell_Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



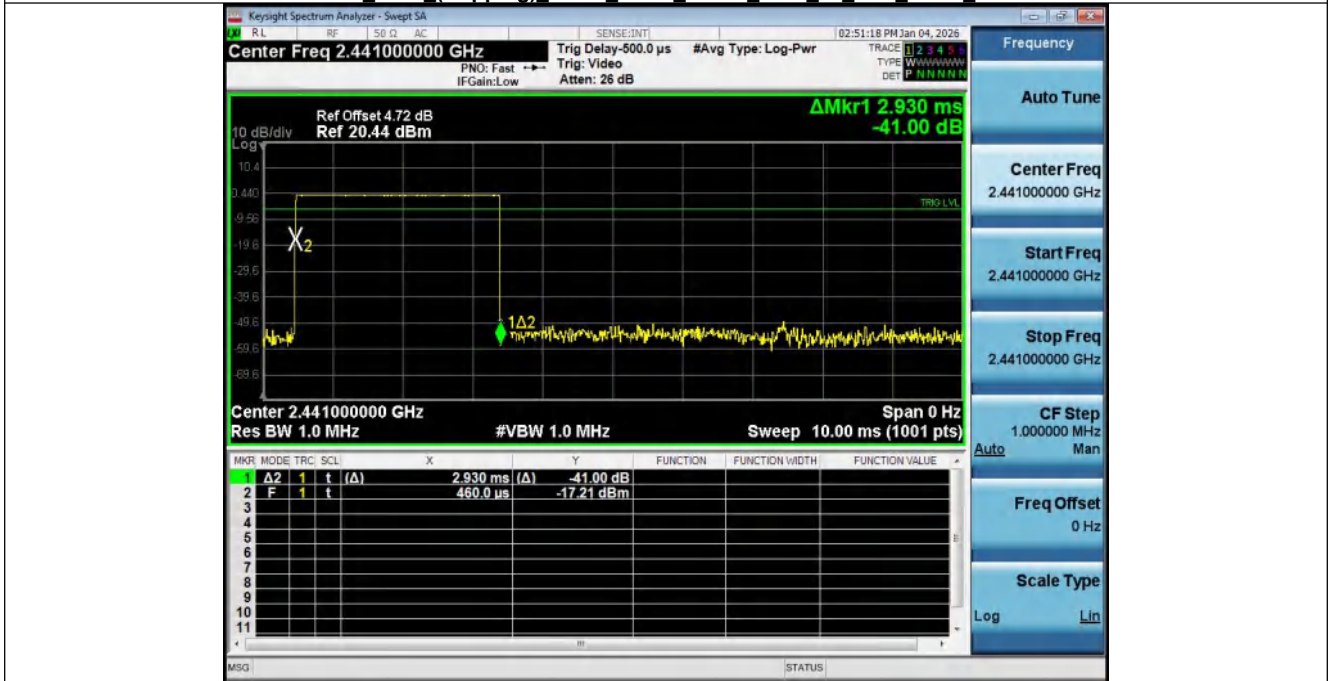
Dwell_Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



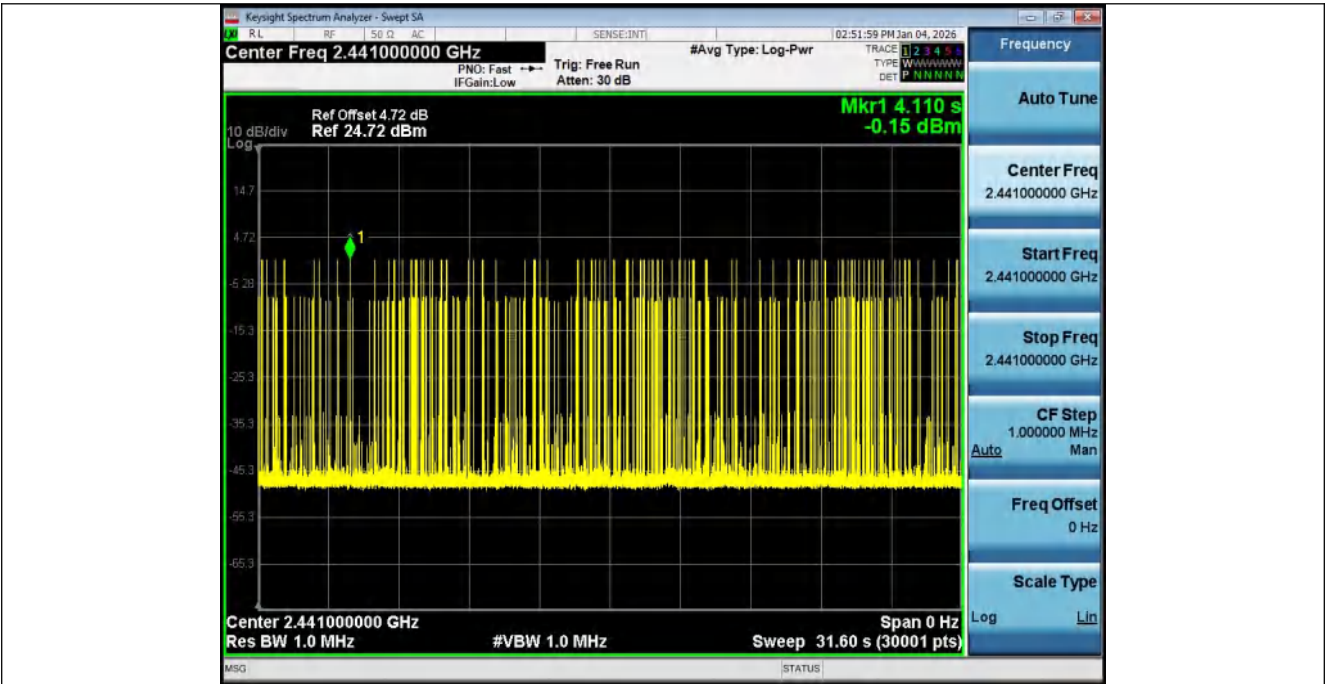
Dwell_Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



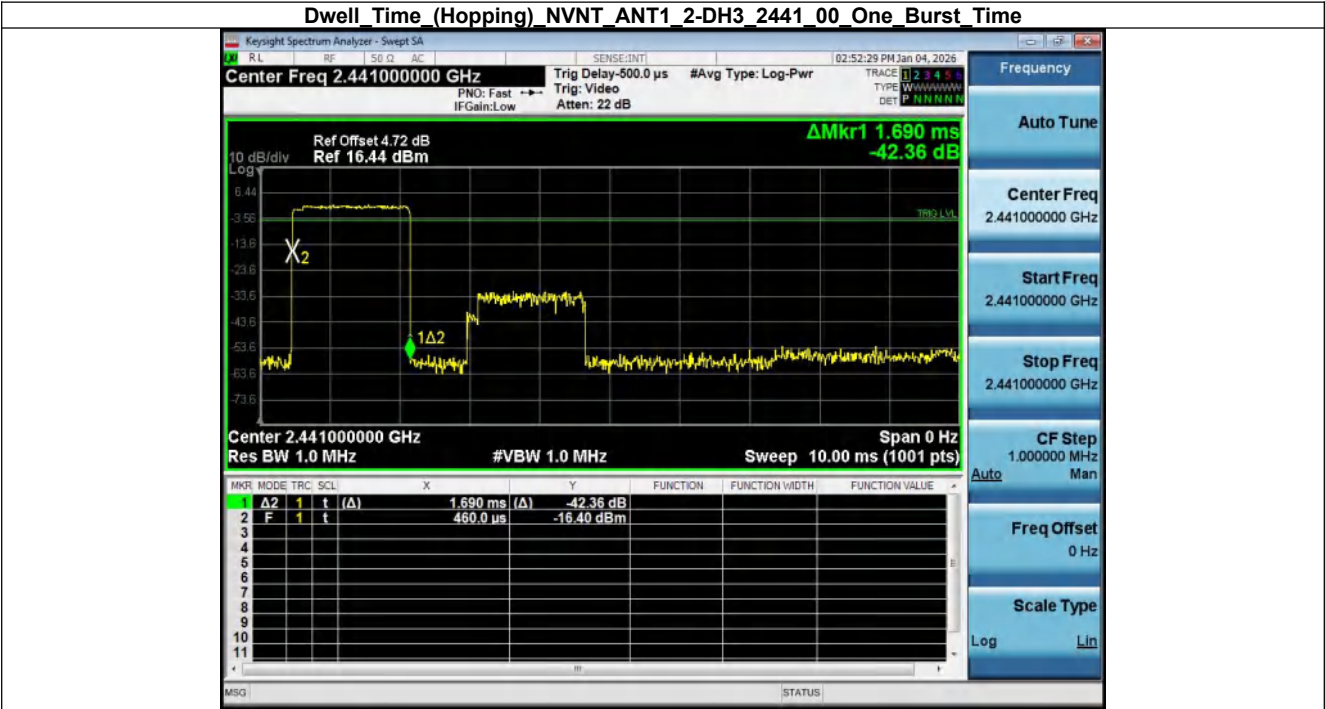
Dwell_Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



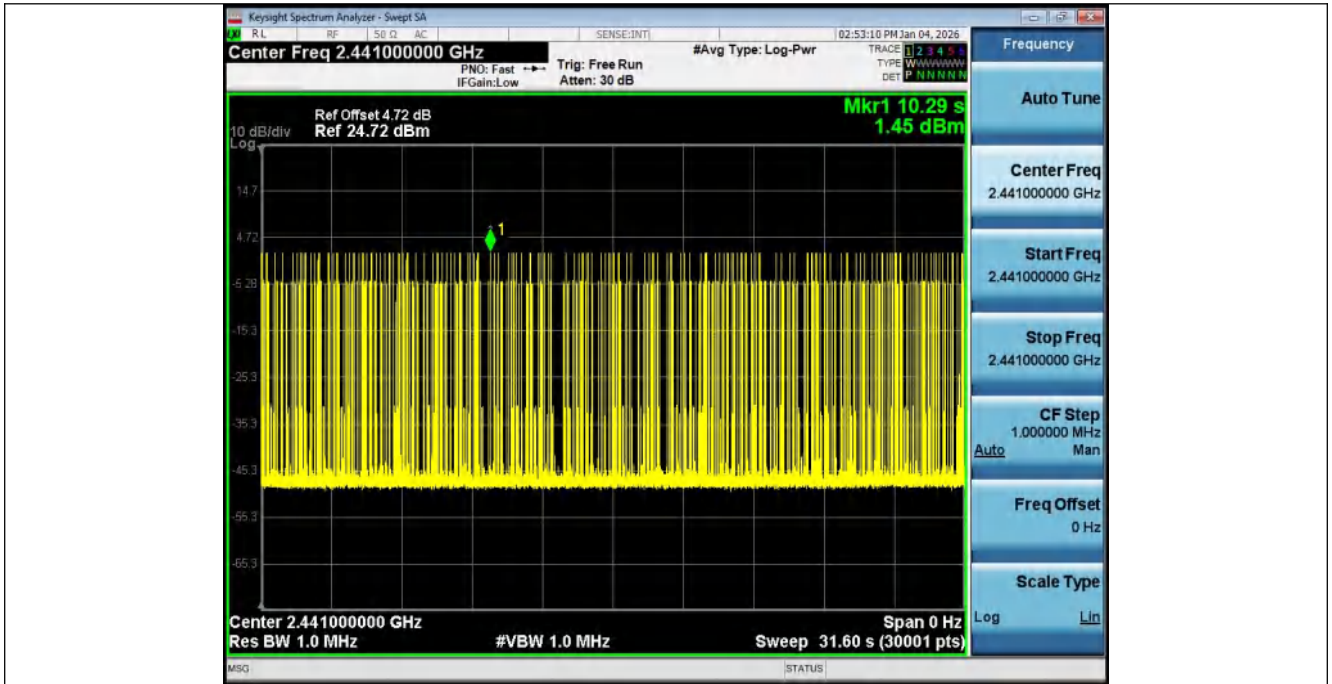
Dwell_Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



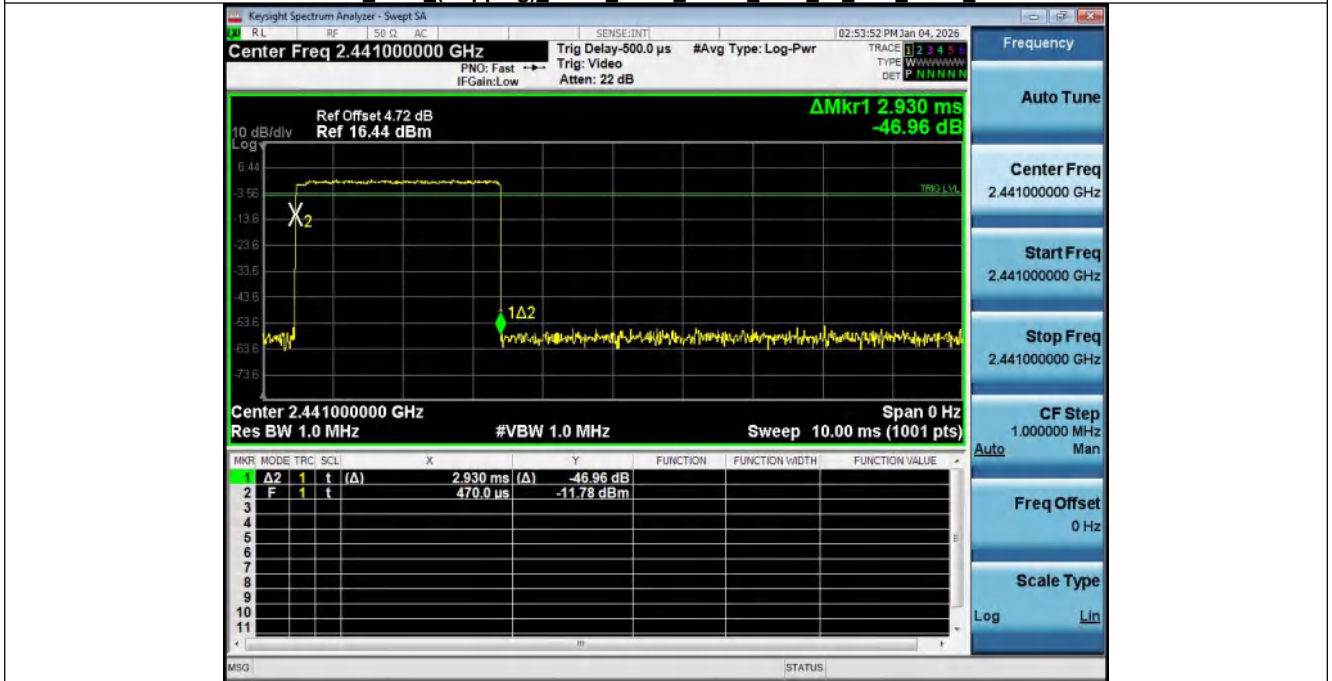
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



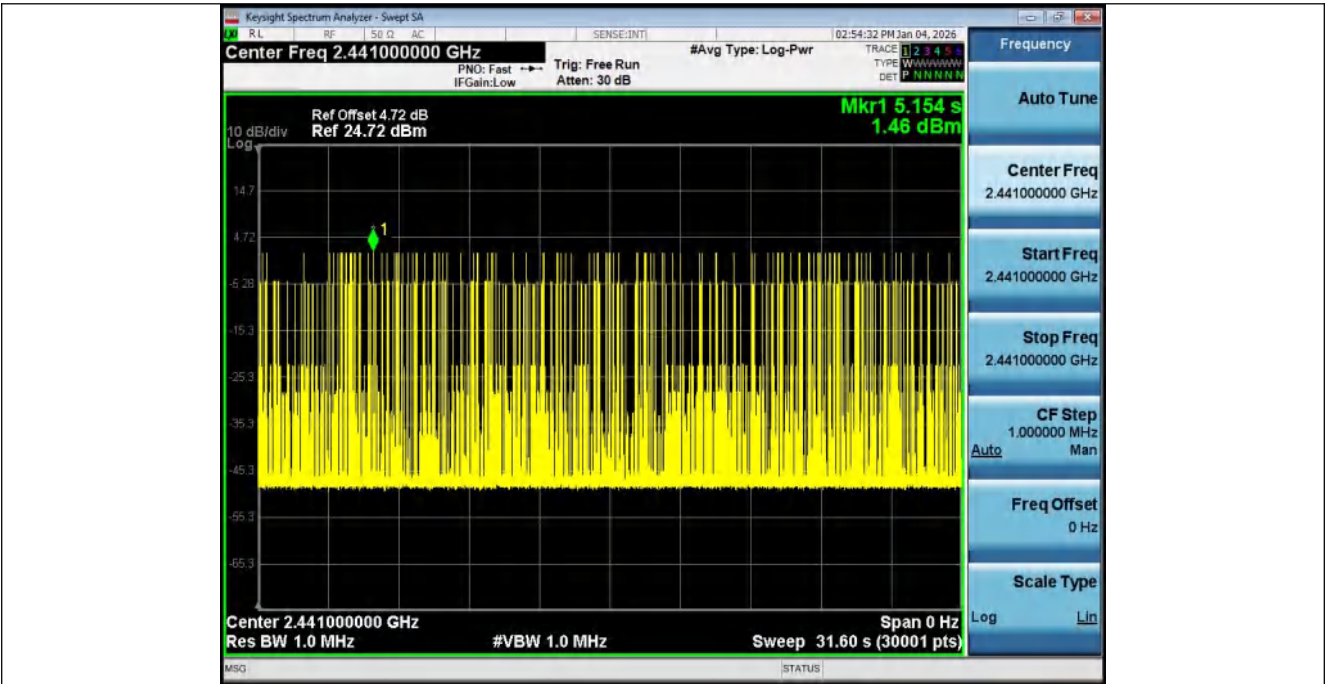
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



Dwell_Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



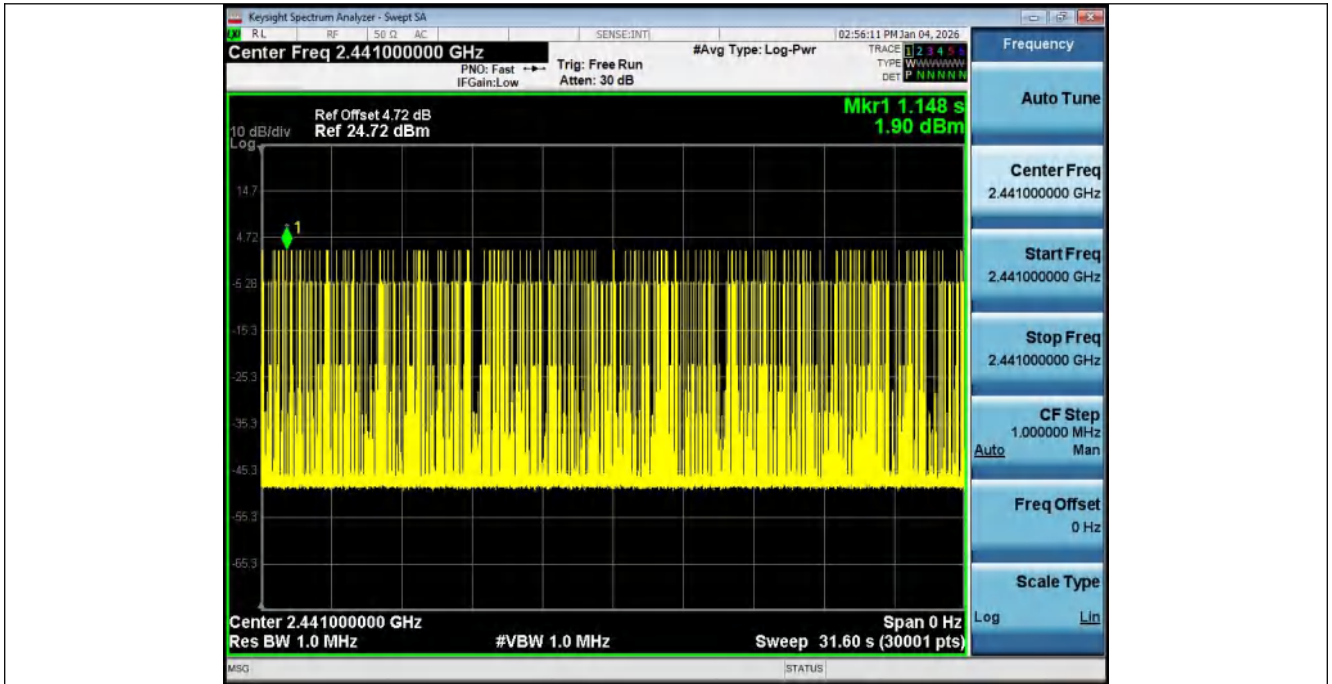
Dwell_Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



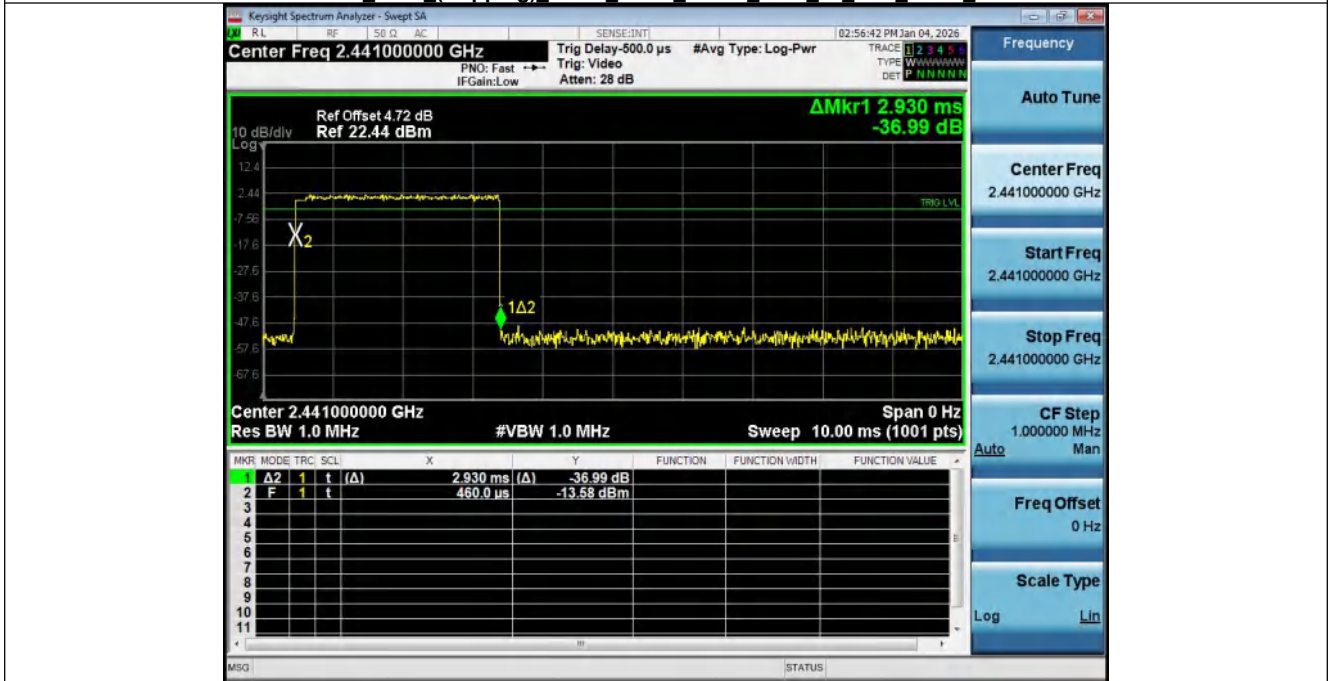
Dwell_Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

