

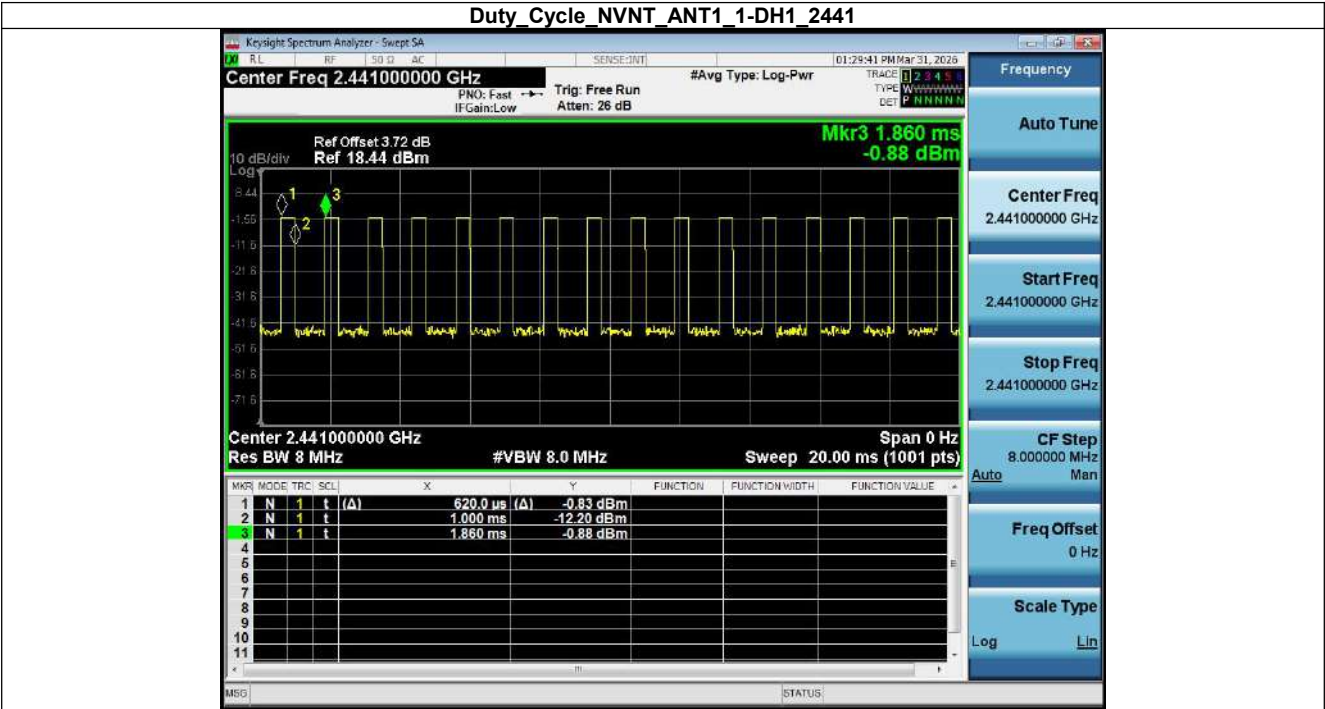
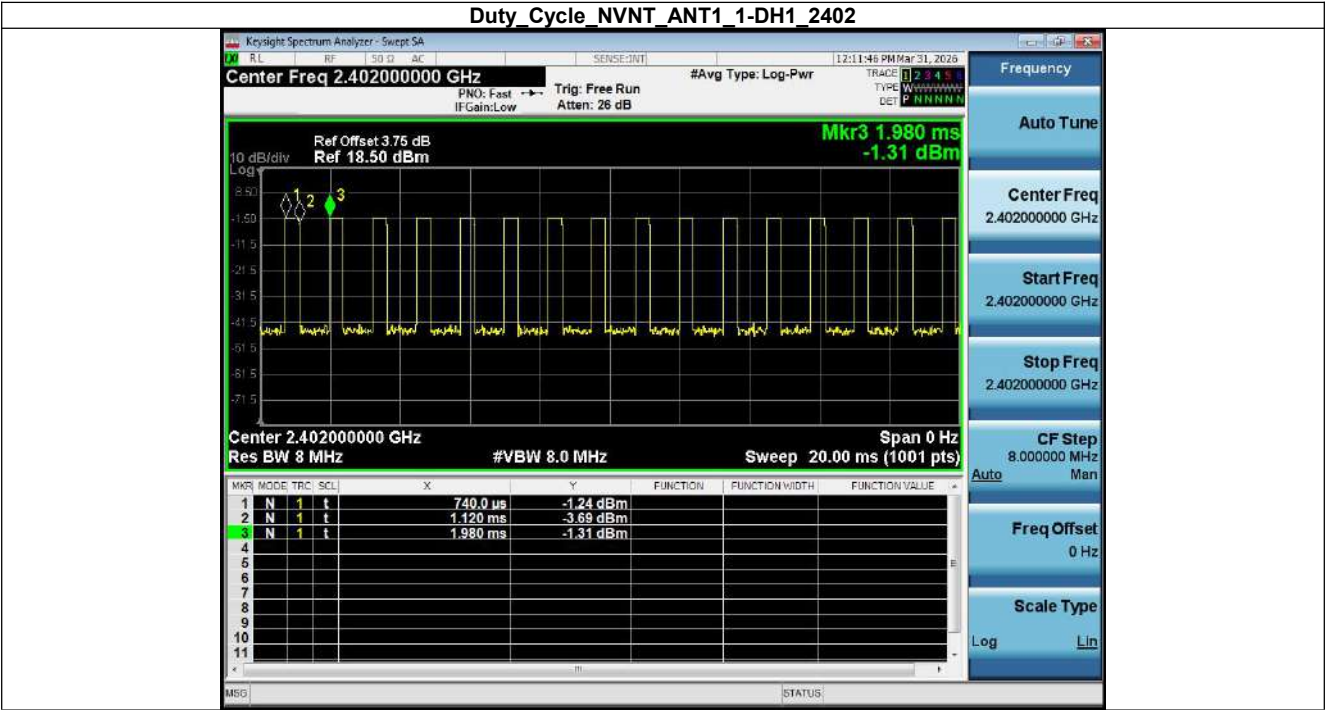
FCC ID EDR
FCC_BT (Part15.247) Test Data
FCC ID:2AON7-30722

Table of Contents

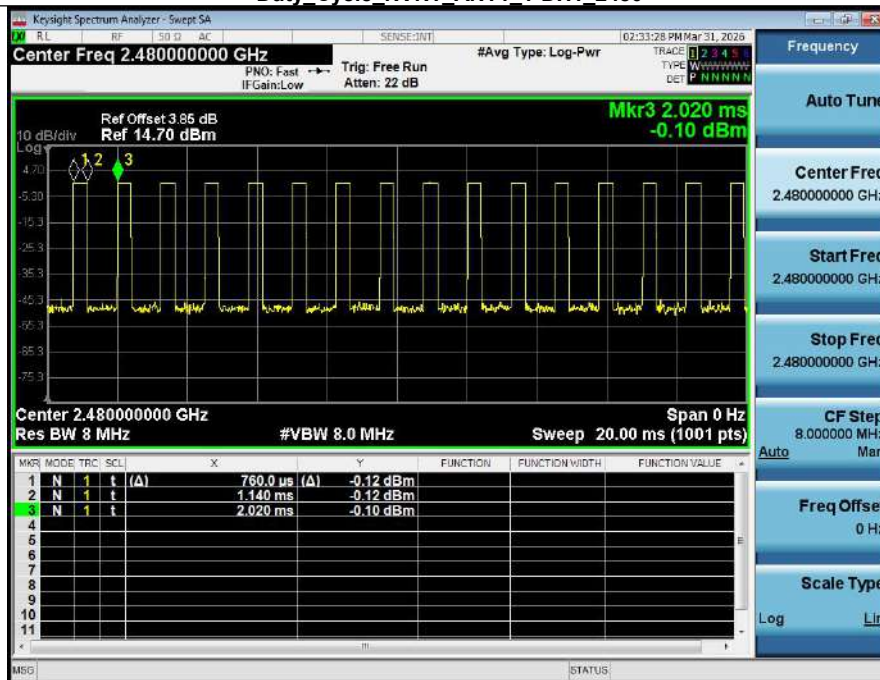
1. Duty Cycle	2
2. -20dB Bandwidth	7
3. 99% Occupied Bandwidth	12
4. Peak Output Power	17
5. Spurious Emissions	22
6. Bandedge	31
7. Carrier Frequencies Separation (Hopping)	44
8. Number of Hopping Channel (Hopping)	49
9. Dwell Time (Hopping)	51

1. Duty Cycle

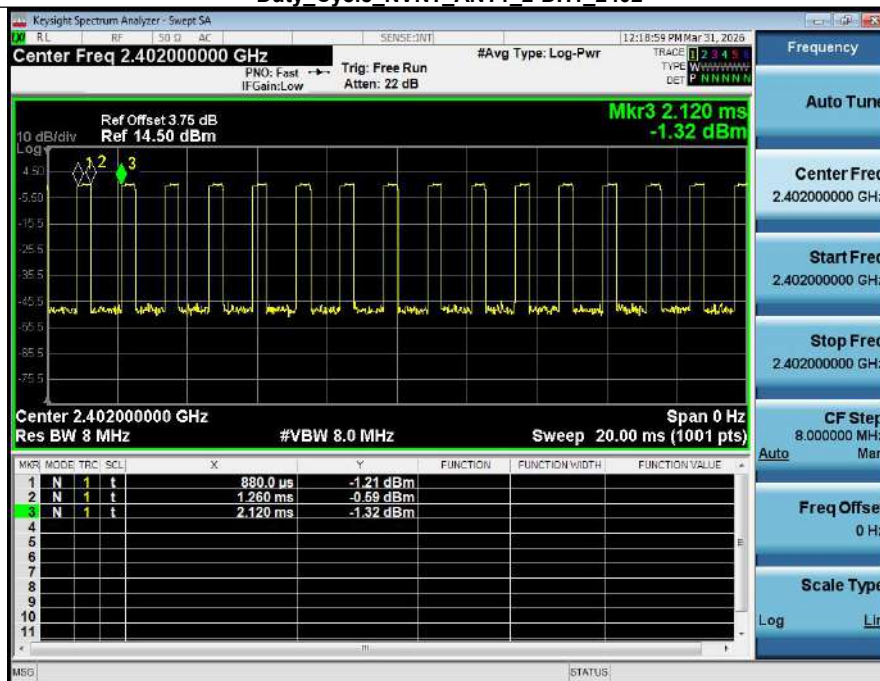
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.16	5.21
NVNT	ANT1	2-DH1	2402.00	32.26	4.91
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	30.65	5.14
NVNT	ANT1	3-DH1	2402.00	30.65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



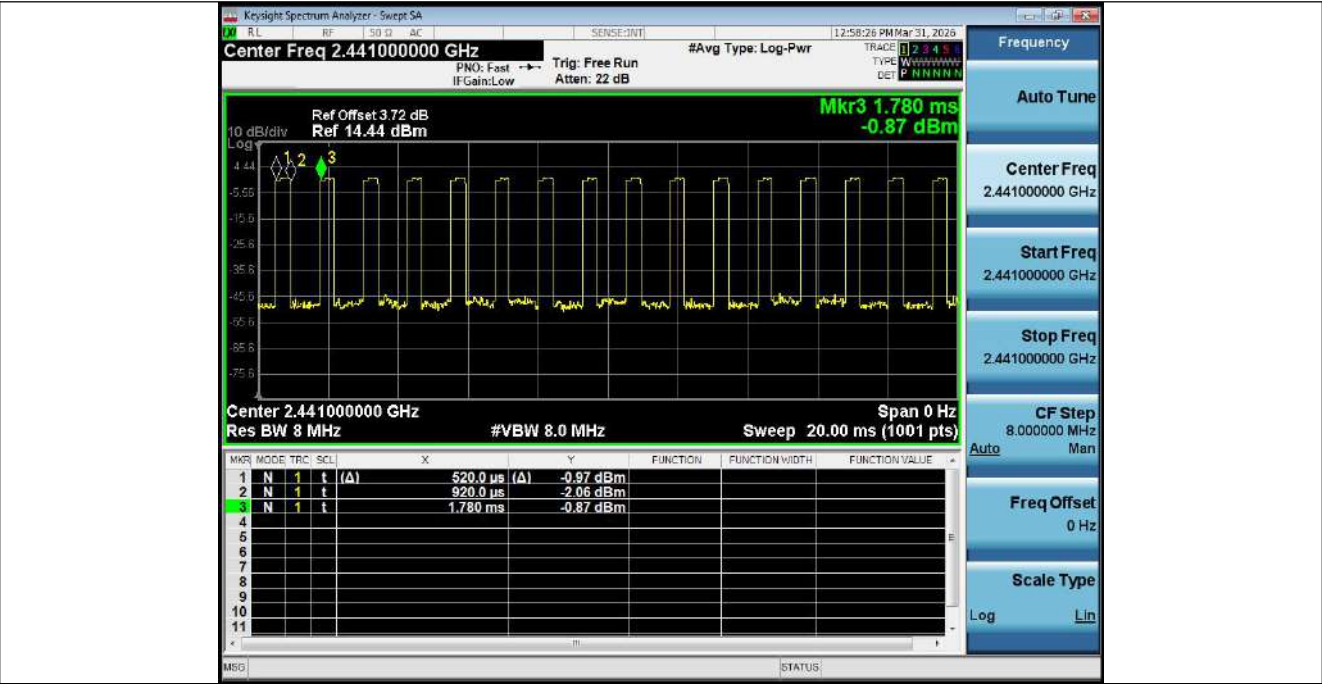
Duty Cycle_NVNT_ANT1_1-DH1_2480



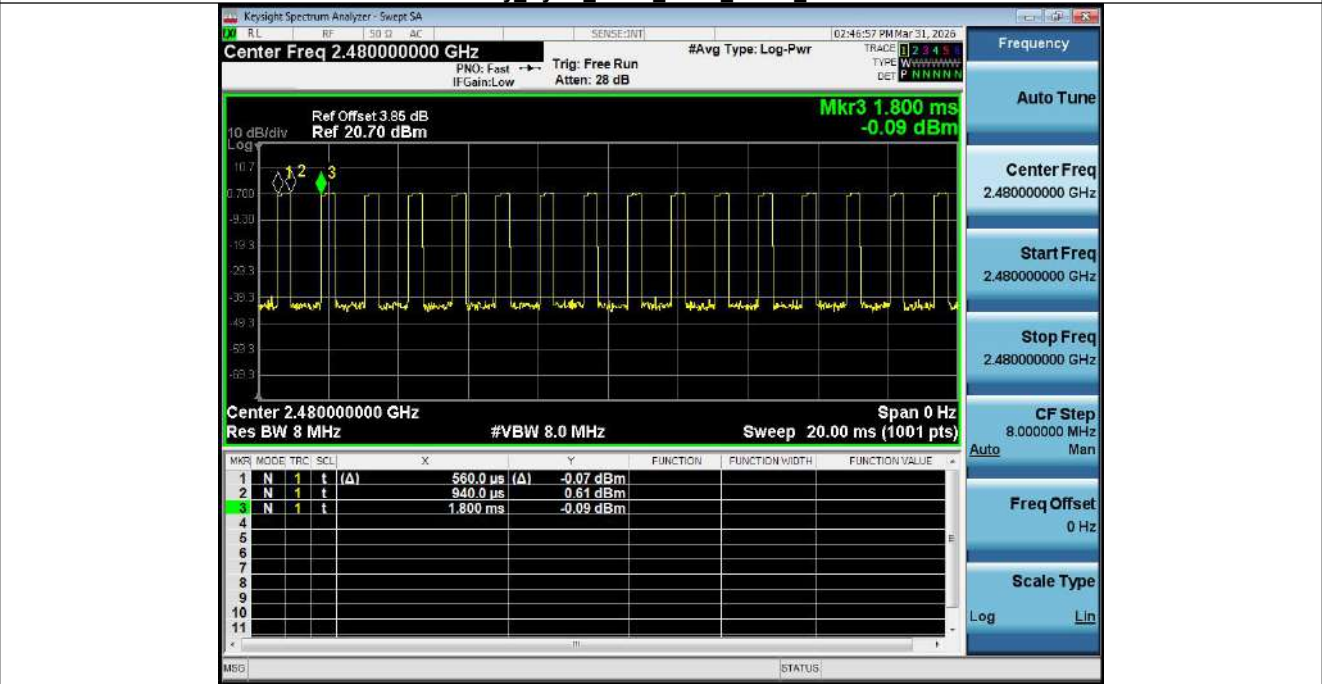
Duty Cycle_NVNT_ANT1_2-DH1_2402



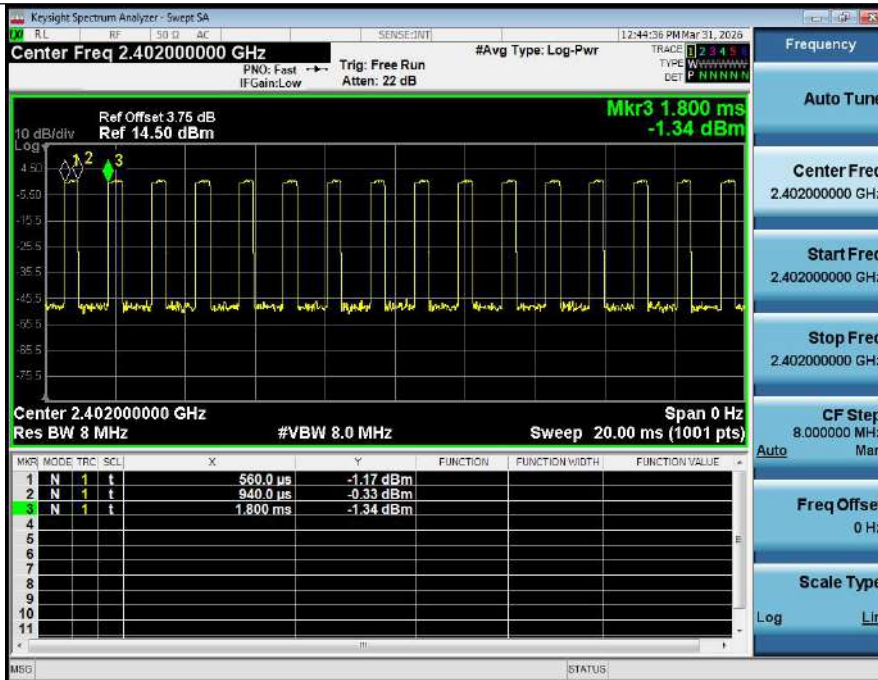
Duty Cycle_NVNT_ANT1_2-DH1_2441



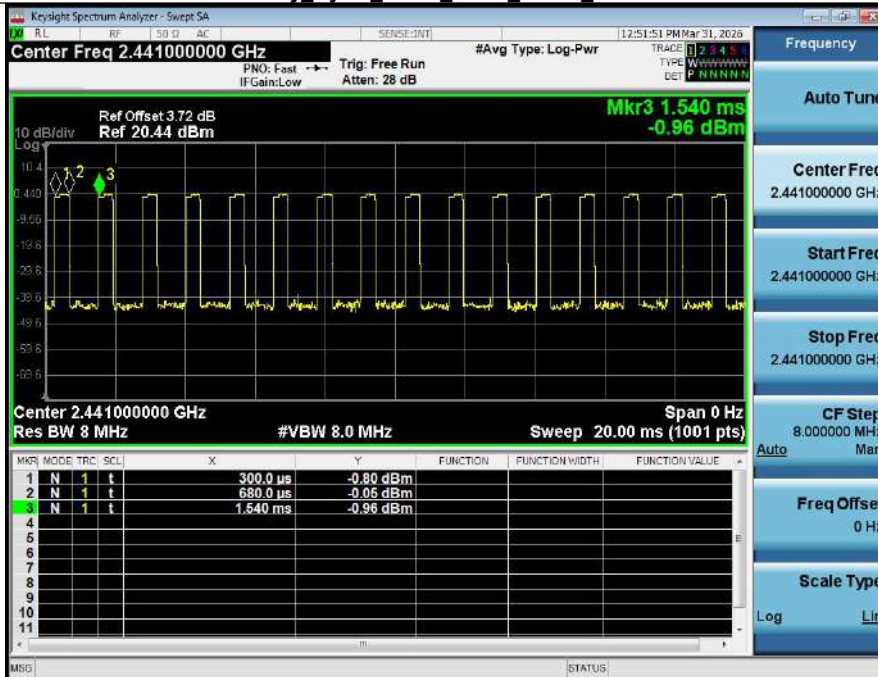
Duty Cycle_NVNT_ANT1 2-DH1_2480



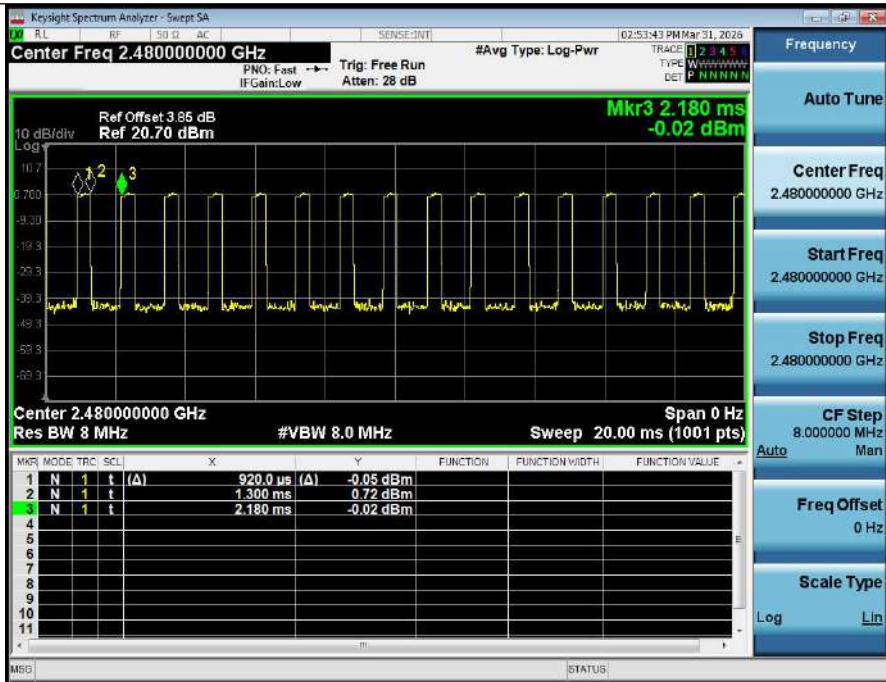
Duty Cycle_NVNT_ANT1 3-DH1_2402



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	1.030	Yes
NVNT	ANT1	1-DH1	2441.00	1.048	Yes
NVNT	ANT1	1-DH1	2480.00	1.051	Yes
NVNT	ANT1	2-DH1	2402.00	1.304	Yes
NVNT	ANT1	2-DH1	2441.00	1.303	Yes
NVNT	ANT1	2-DH1	2480.00	1.299	Yes
NVNT	ANT1	3-DH1	2402.00	1.265	Yes
NVNT	ANT1	3-DH1	2441.00	1.281	Yes
NVNT	ANT1	3-DH1	2480.00	1.300	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

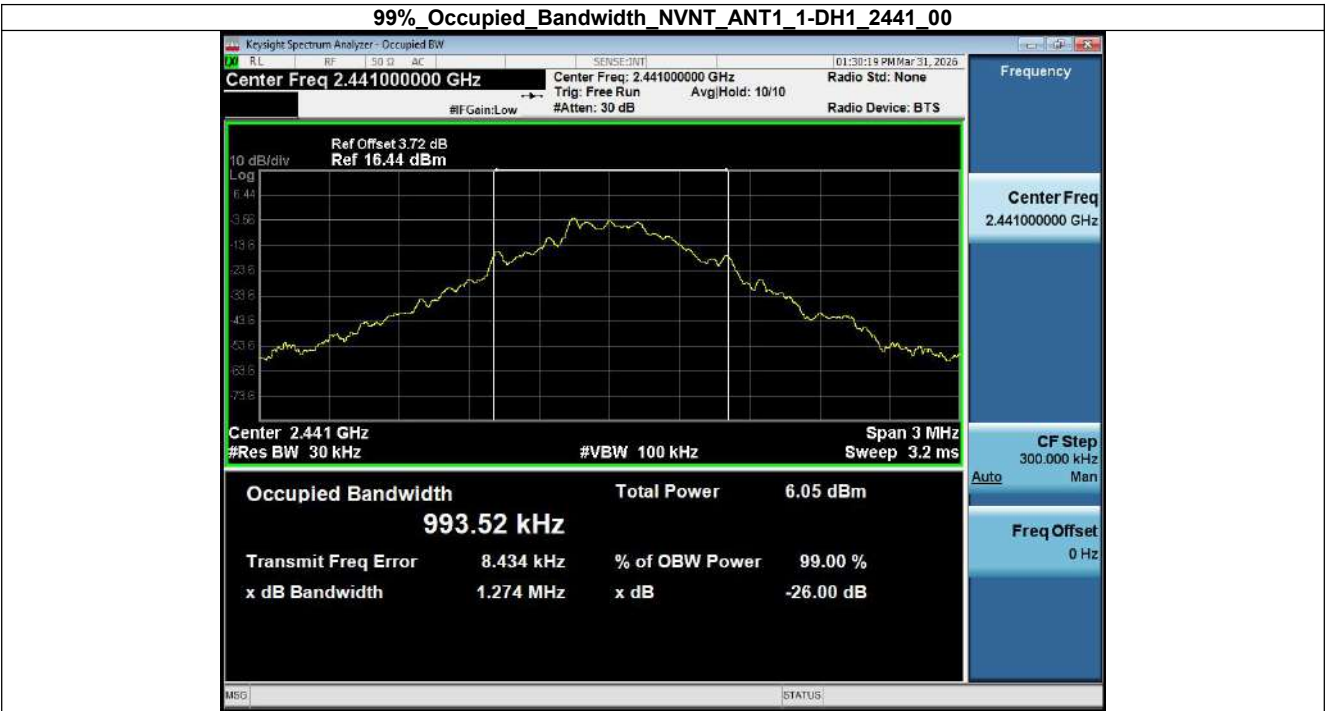


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.941
NVNT	ANT1	1-DH1	2441.00	0.994
NVNT	ANT1	1-DH1	2480.00	1.010
NVNT	ANT1	2-DH1	2402.00	1.215
NVNT	ANT1	2-DH1	2441.00	1.244
NVNT	ANT1	2-DH1	2480.00	1.259
NVNT	ANT1	3-DH1	2402.00	1.194
NVNT	ANT1	3-DH1	2441.00	1.217
NVNT	ANT1	3-DH1	2480.00	1.243



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	-1.22	0.75	125	Pass
NVNT	ANT1	1-DH1	2441.00	-0.84	0.82	125	Pass
NVNT	ANT1	1-DH1	2480.00	-0.09	0.98	125	Pass
NVNT	ANT1	2-DH1	2402.00	-0.36	0.92	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.00	1.00	125	Pass
NVNT	ANT1	2-DH1	2480.00	0.71	1.18	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.24	1.06	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.57	1.14	125	Pass
NVNT	ANT1	3-DH1	2480.00	1.22	1.32	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



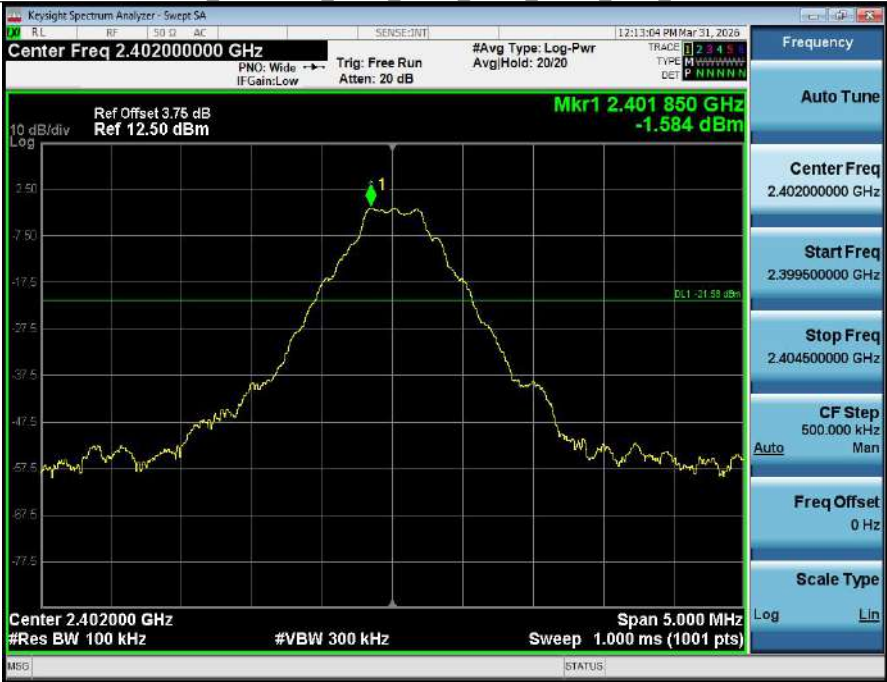
Peak Output Power NVNT_ANT1_3-DH1_2480_00



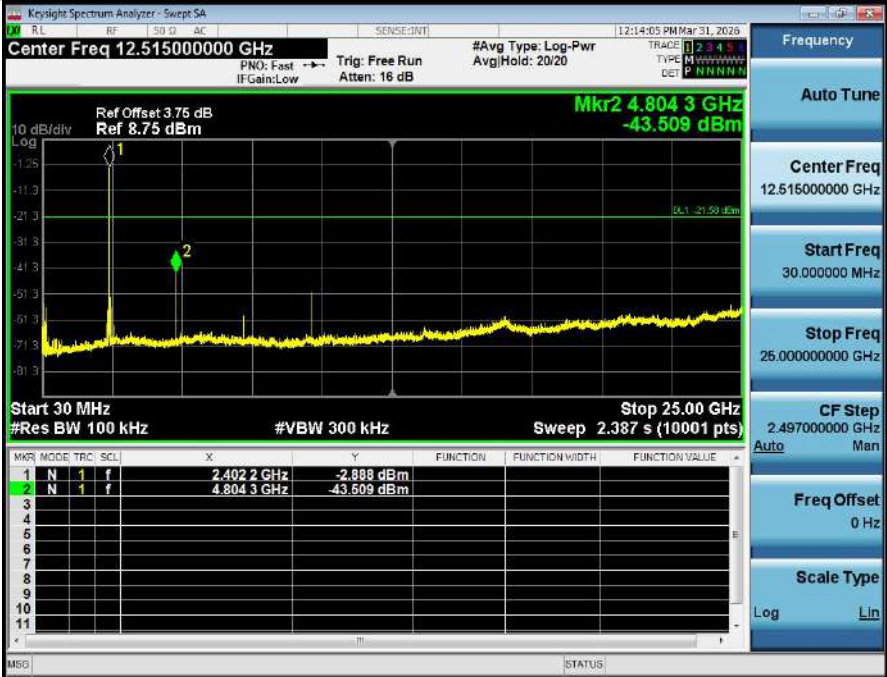
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.584	-43.509	-21.584	Pass
NVNT	ANT1	1-DH1	2441.00	-1.353	-42.708	-21.353	Pass
NVNT	ANT1	1-DH1	2480.00	-0.554	-45.814	-20.554	Pass
NVNT	ANT1	2-DH1	2402.00	-1.574	-45.912	-21.574	Pass
NVNT	ANT1	2-DH1	2441.00	-1.383	-43.820	-21.383	Pass
NVNT	ANT1	2-DH1	2480.00	-0.536	-31.524	-20.536	Pass
NVNT	ANT1	3-DH1	2402.00	-1.536	-46.894	-21.536	Pass
NVNT	ANT1	3-DH1	2441.00	-1.369	-45.893	-21.369	Pass
NVNT	ANT1	3-DH1	2480.00	-0.557	-44.737	-20.557	Pass

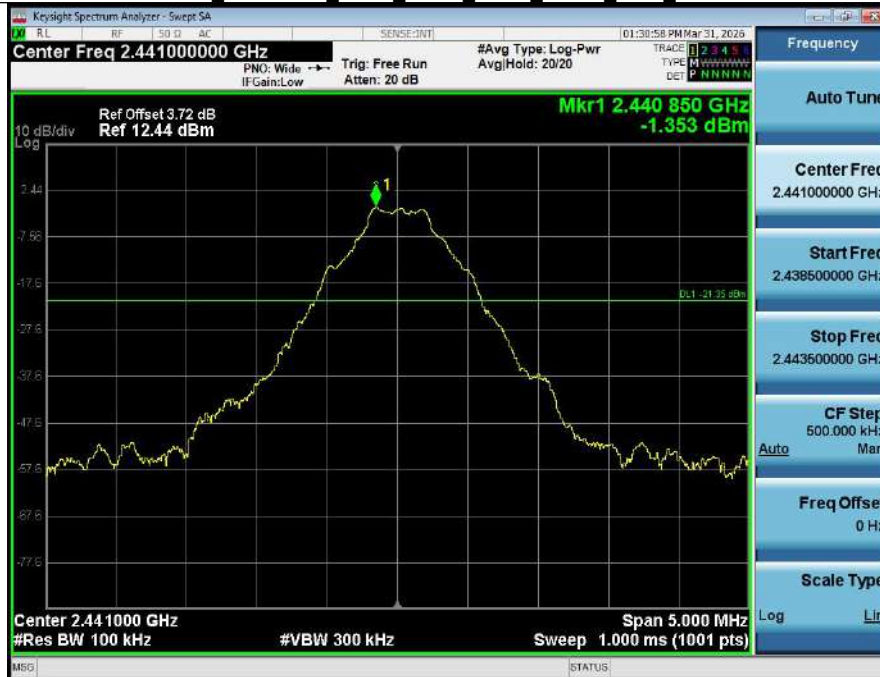
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



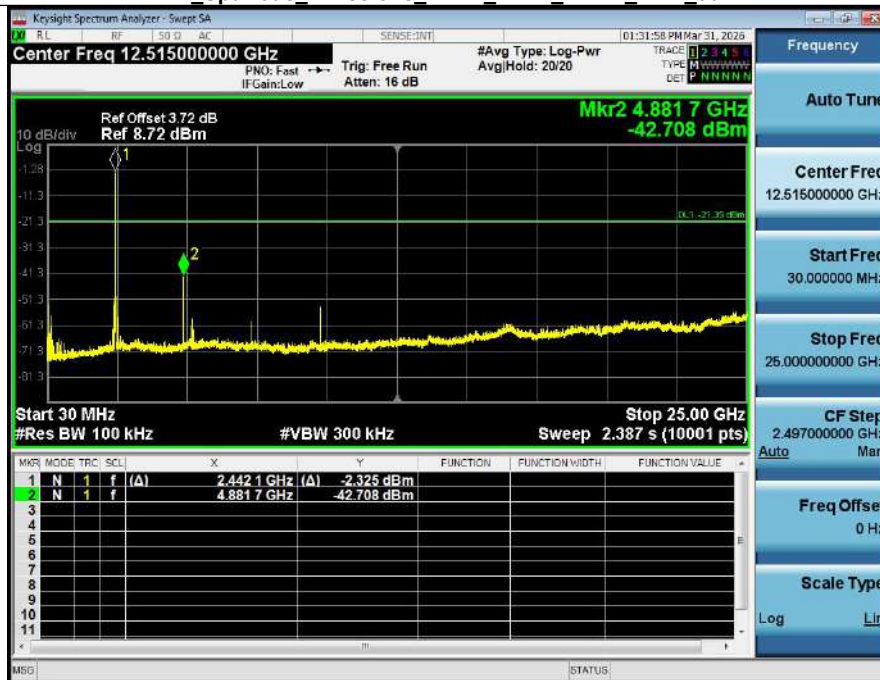
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



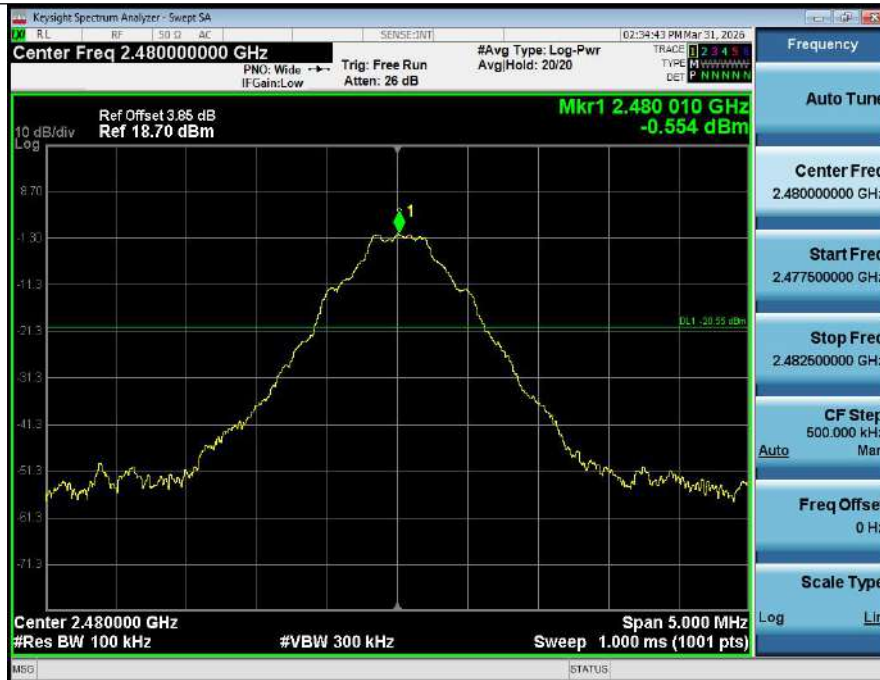
1 Reference Level NVNT ANT1 1-DH1 2441 00



2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



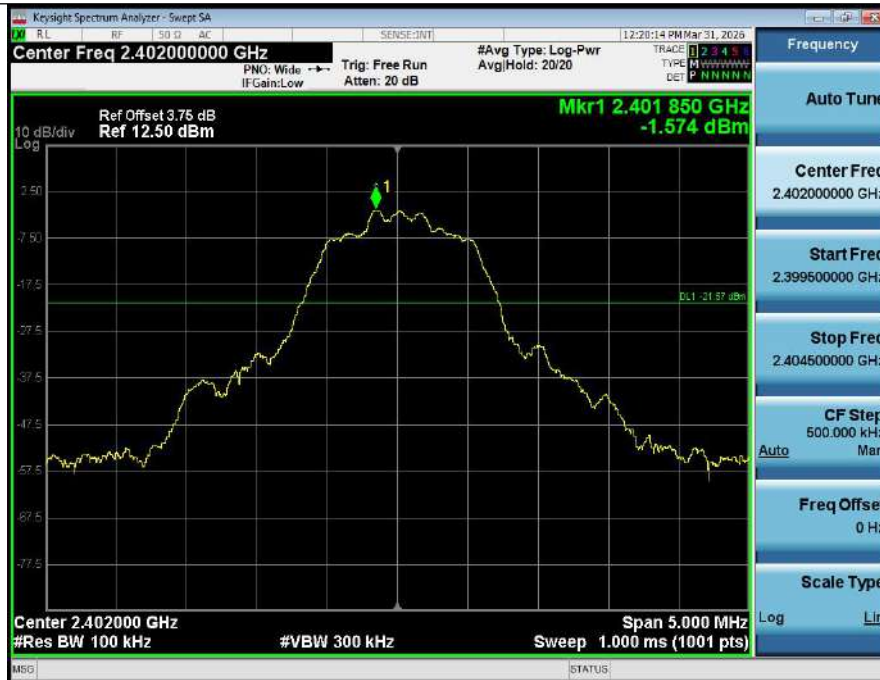
1 Reference Level NVNT ANT1 1-DH1 2480 00



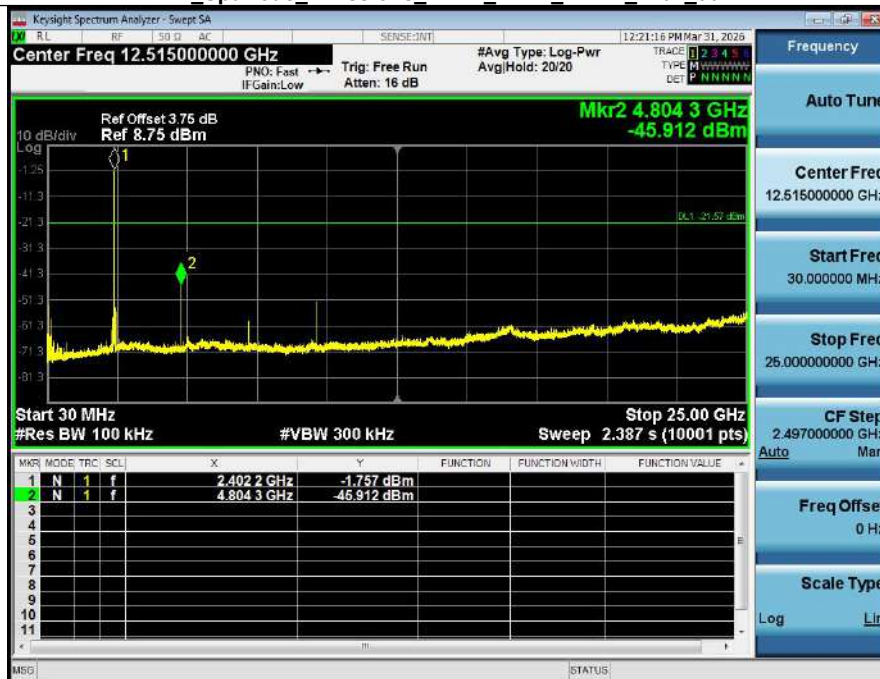
2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00



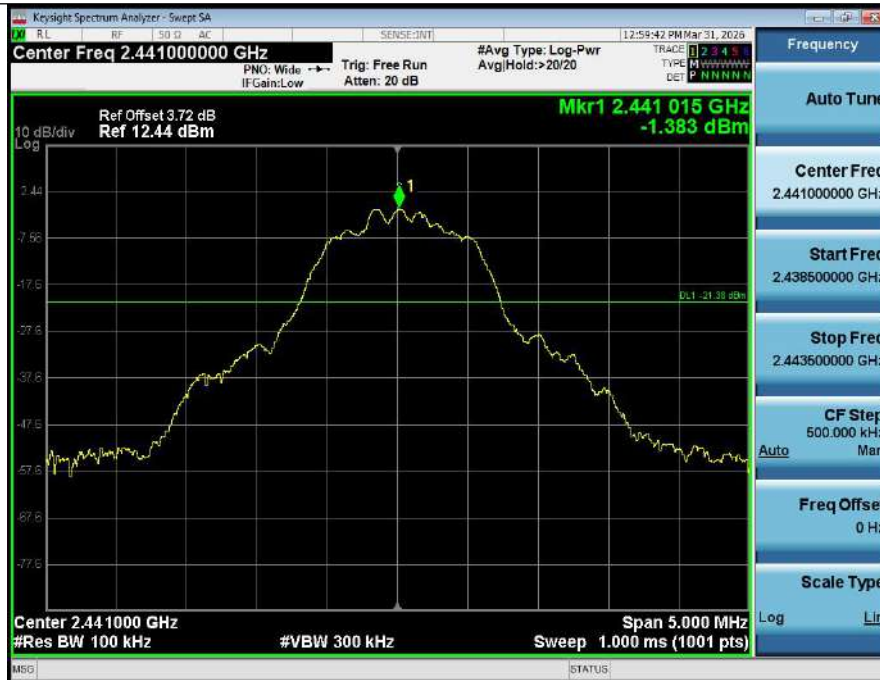
1 Reference Level_NVNT_ANT1_2-DH1_2402_00



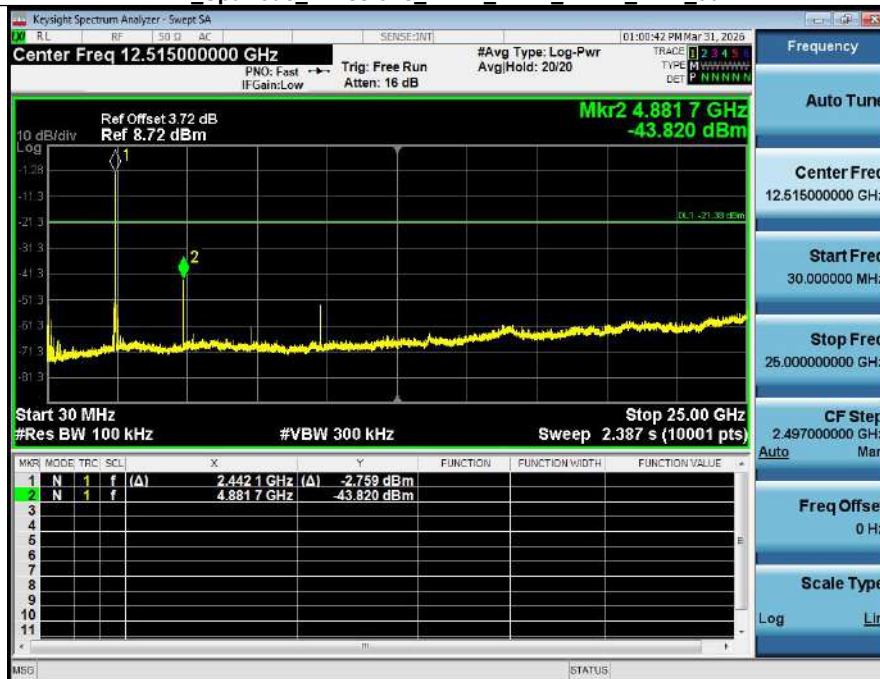
2 Spurious Emissions_NVNT_ANT1_2-DH1_2402_00



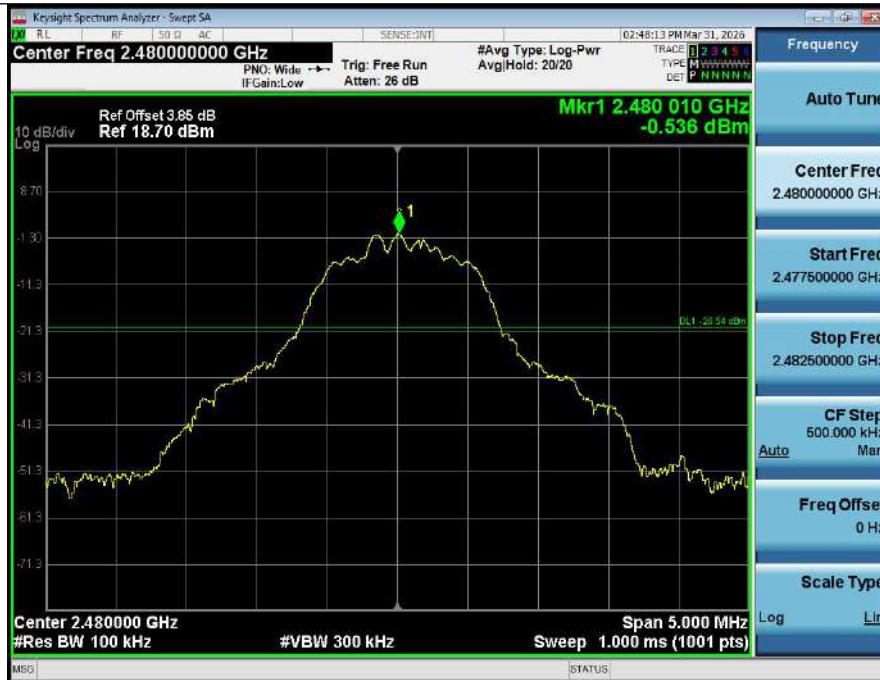
1 Reference Level_NVNT_ANT1_2-DH1_2441_00



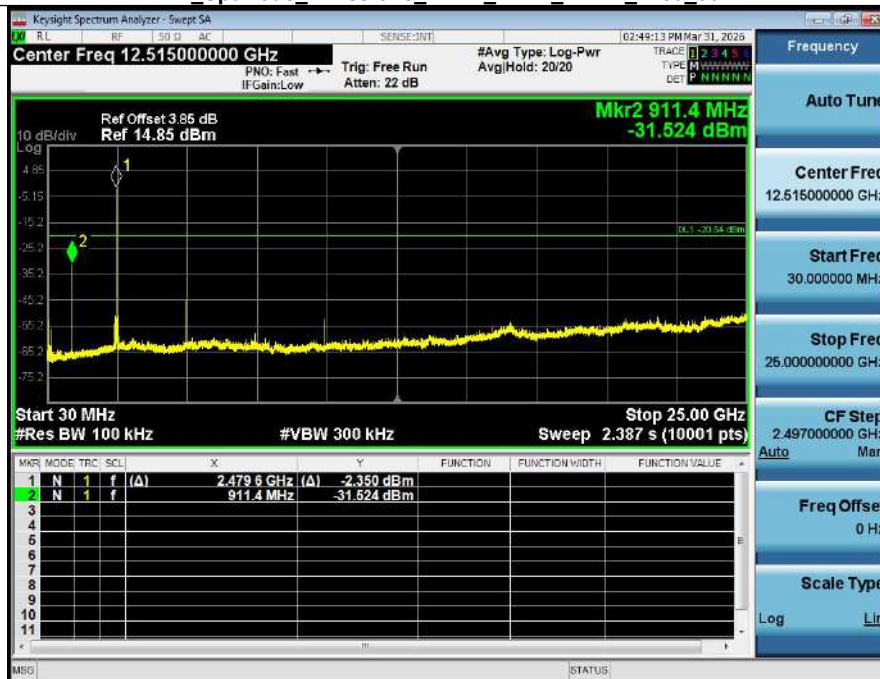
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



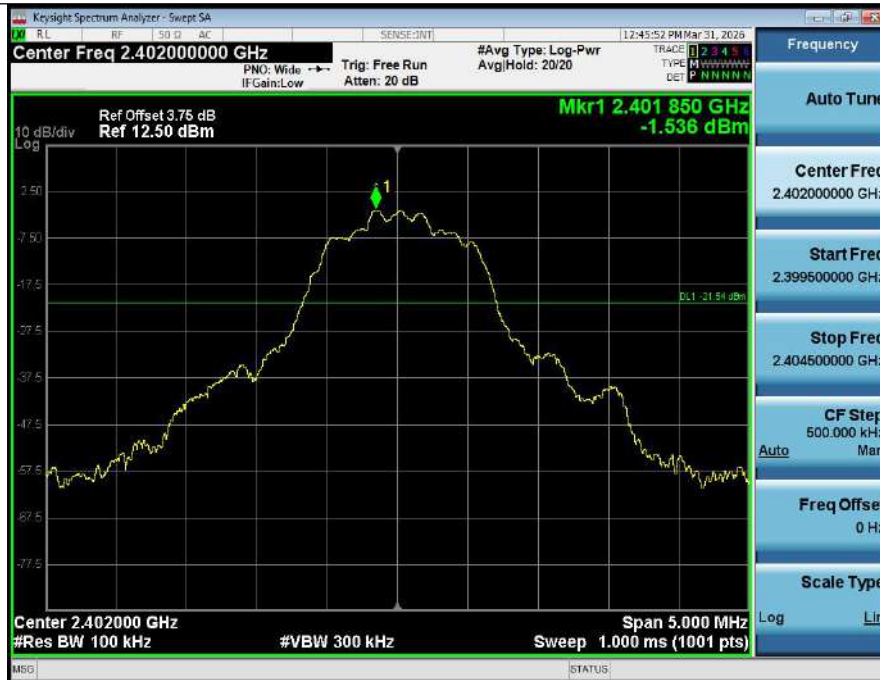
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



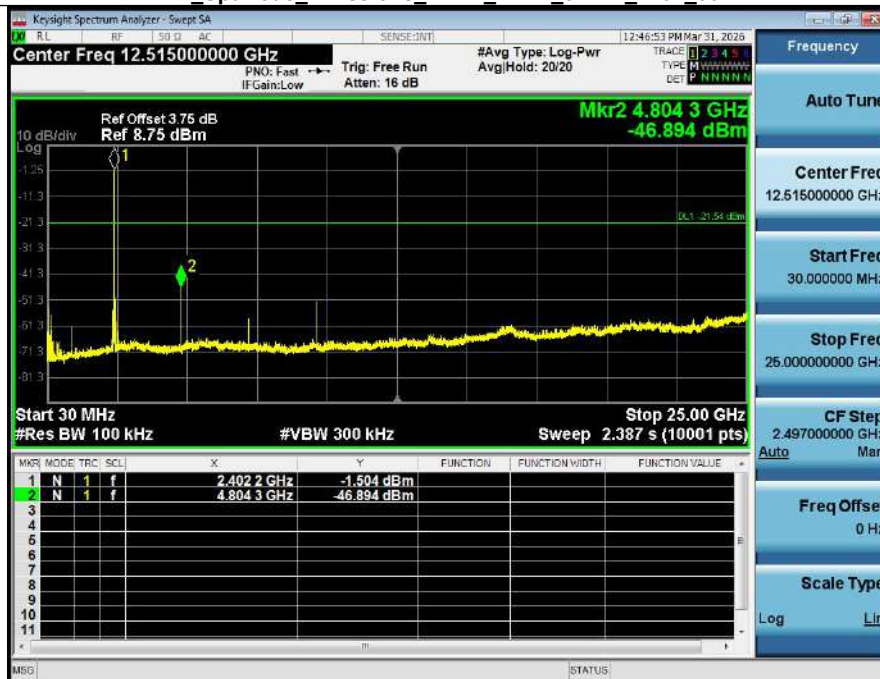
2 Spurious Emissions_NVNT_ANT1_2-DH1_2480_00



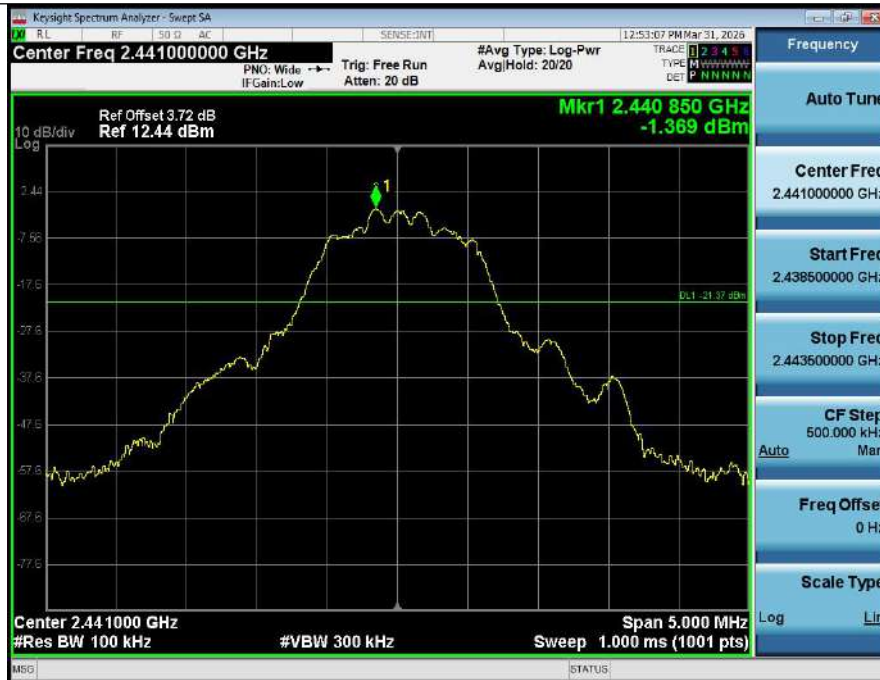
1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



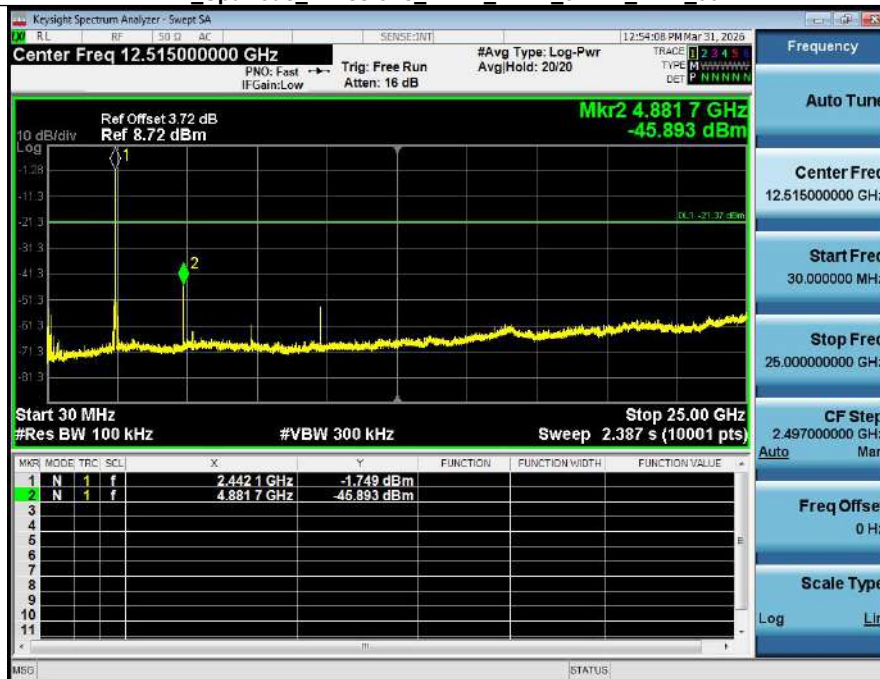
2 Spurious Emissions_NVNT_ANT1_3-DH1_2402_00



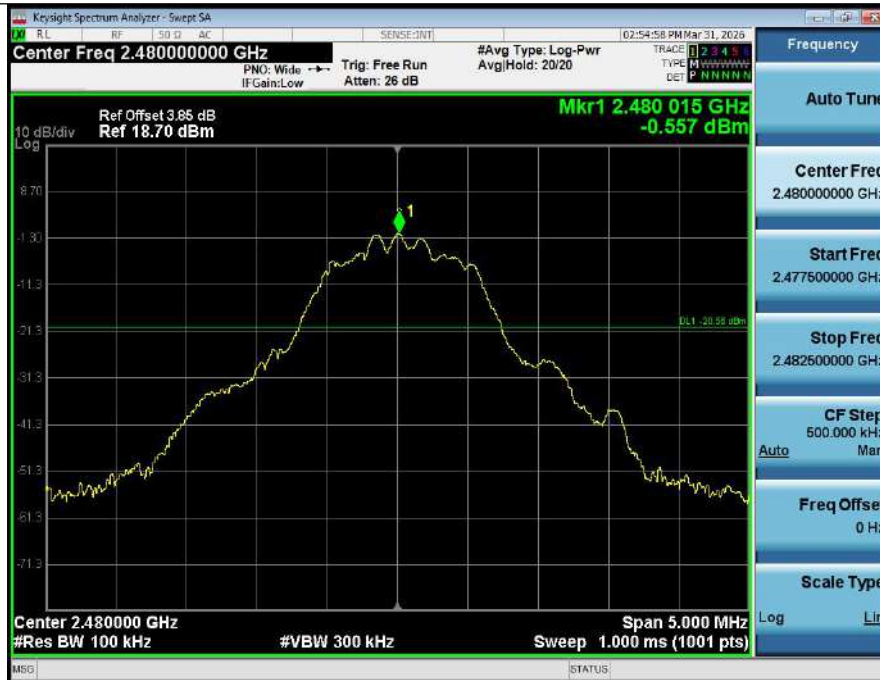
1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



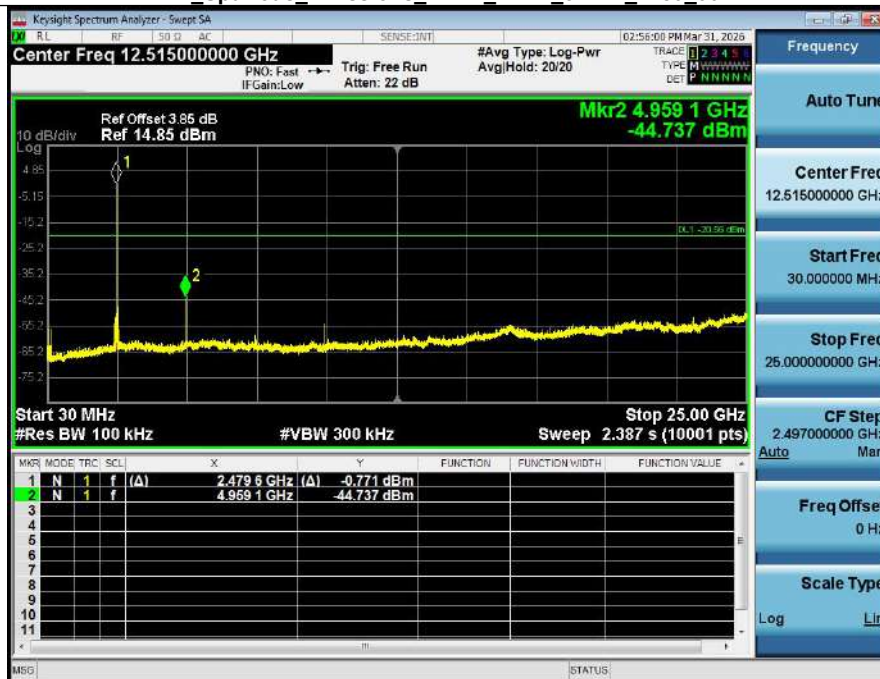
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



2 Spurious Emissions_NVNT_ANT1_3-DH1_2480_00



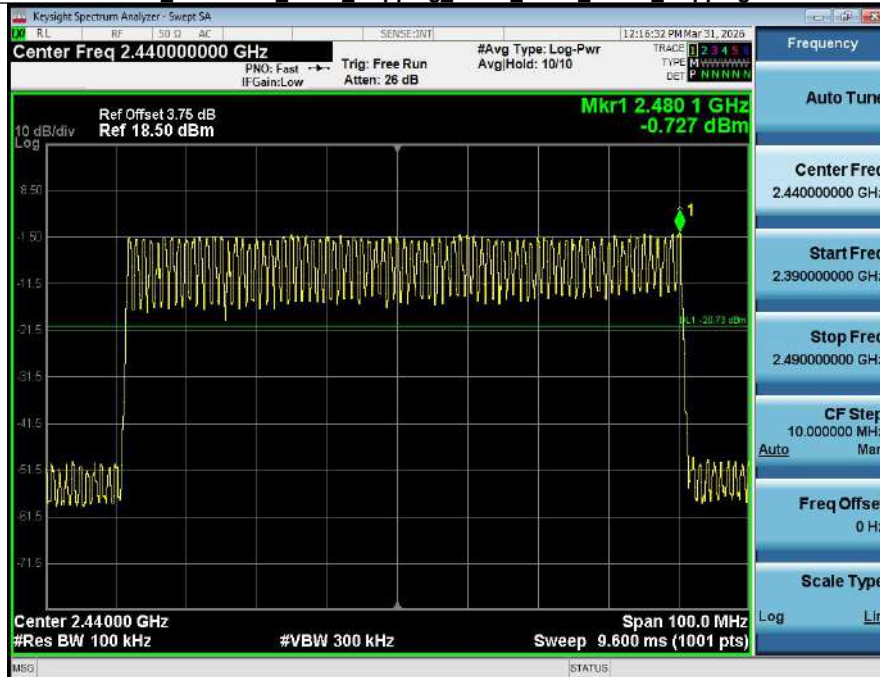
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-1.584	-52.452	-21.584	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-0.727	-49.526	-20.727	Pass
NVNT	ANT1	1-DH1	2480.00	-0.554	-56.059	-20.554	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-0.689	-48.875	-20.689	Pass
NVNT	ANT1	2-DH1	2402.00	-1.574	-52.757	-21.574	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-0.588	-49.984	-20.588	Pass
NVNT	ANT1	2-DH1	2480.00	-0.536	-55.213	-20.536	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-0.427	-48.780	-20.427	Pass
NVNT	ANT1	3-DH1	2402.00	-1.536	-55.305	-21.536	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-0.638	-50.348	-20.638	Pass
NVNT	ANT1	3-DH1	2480.00	-0.557	-55.414	-20.557	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-0.441	-48.643	-20.441	Pass

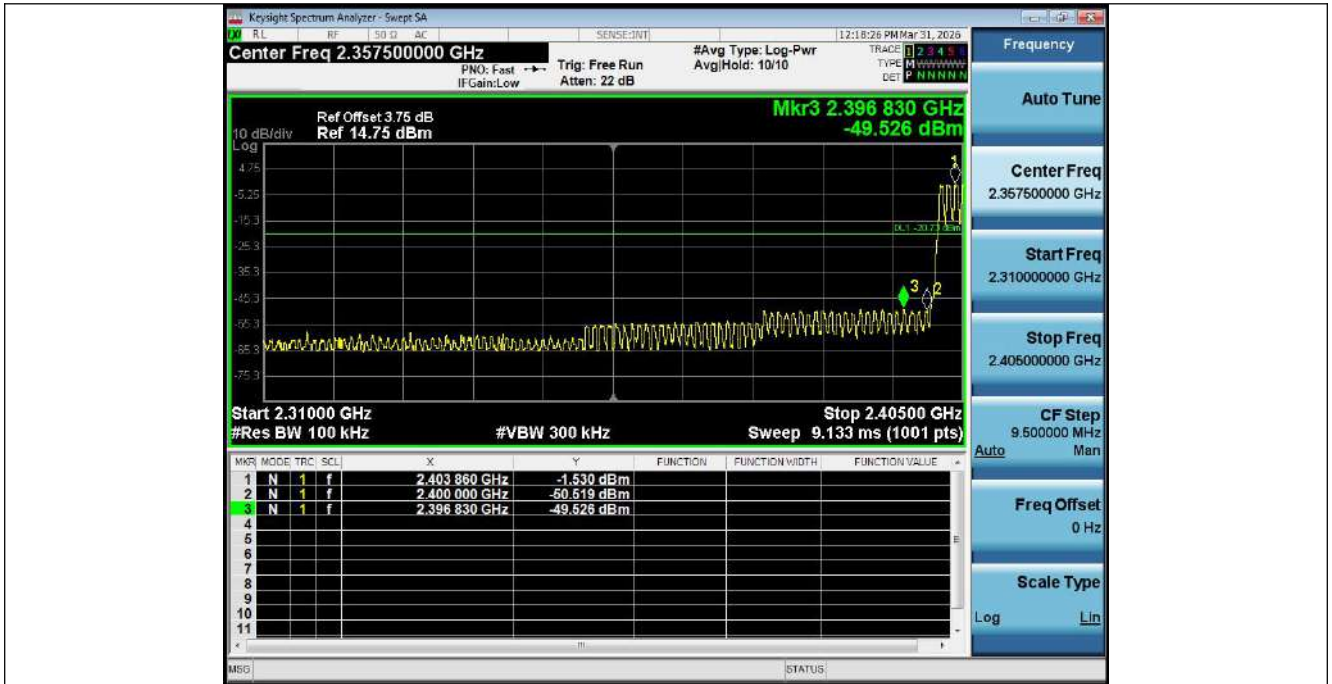




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



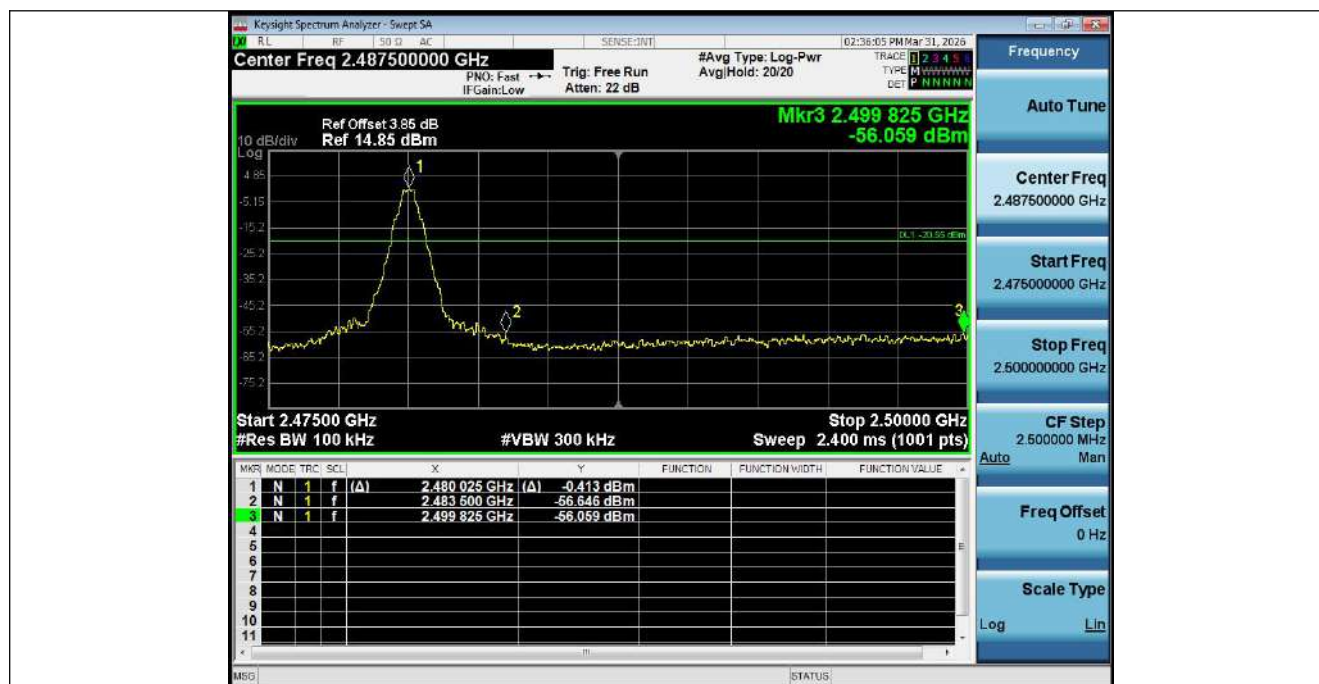
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



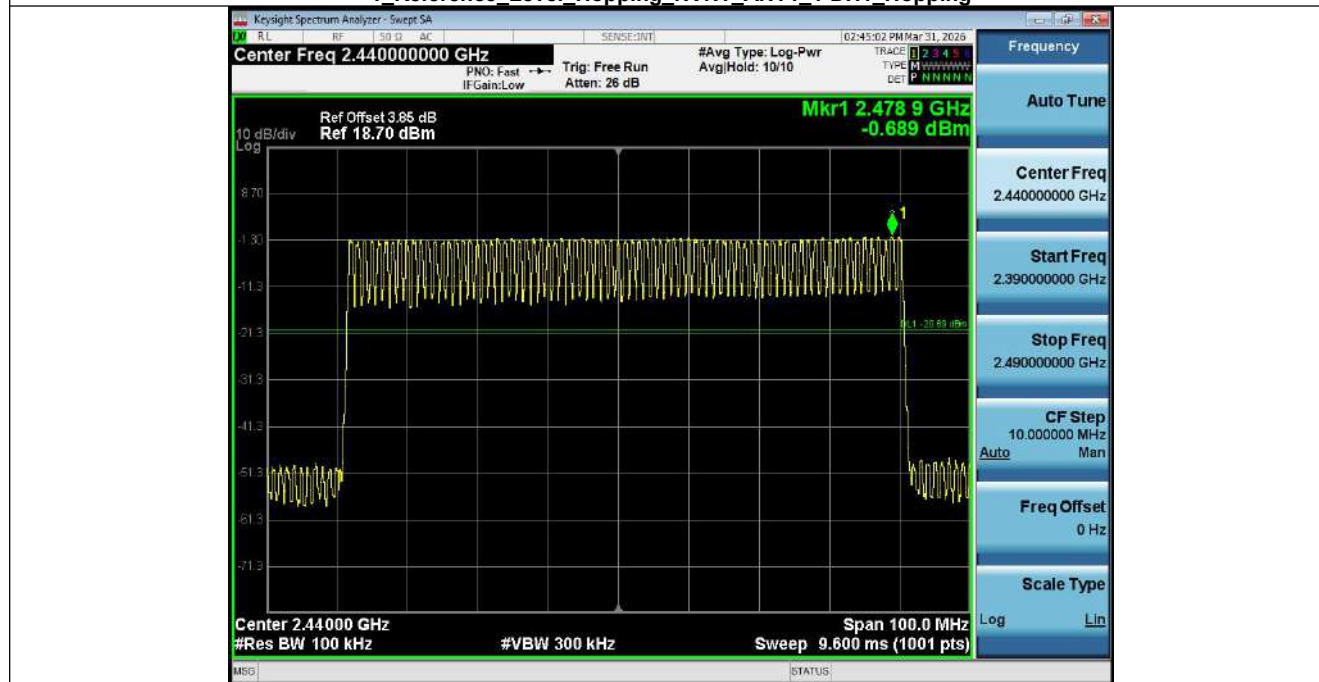
1 Reference Level NVNT ANT1 1-DH1 2480 00



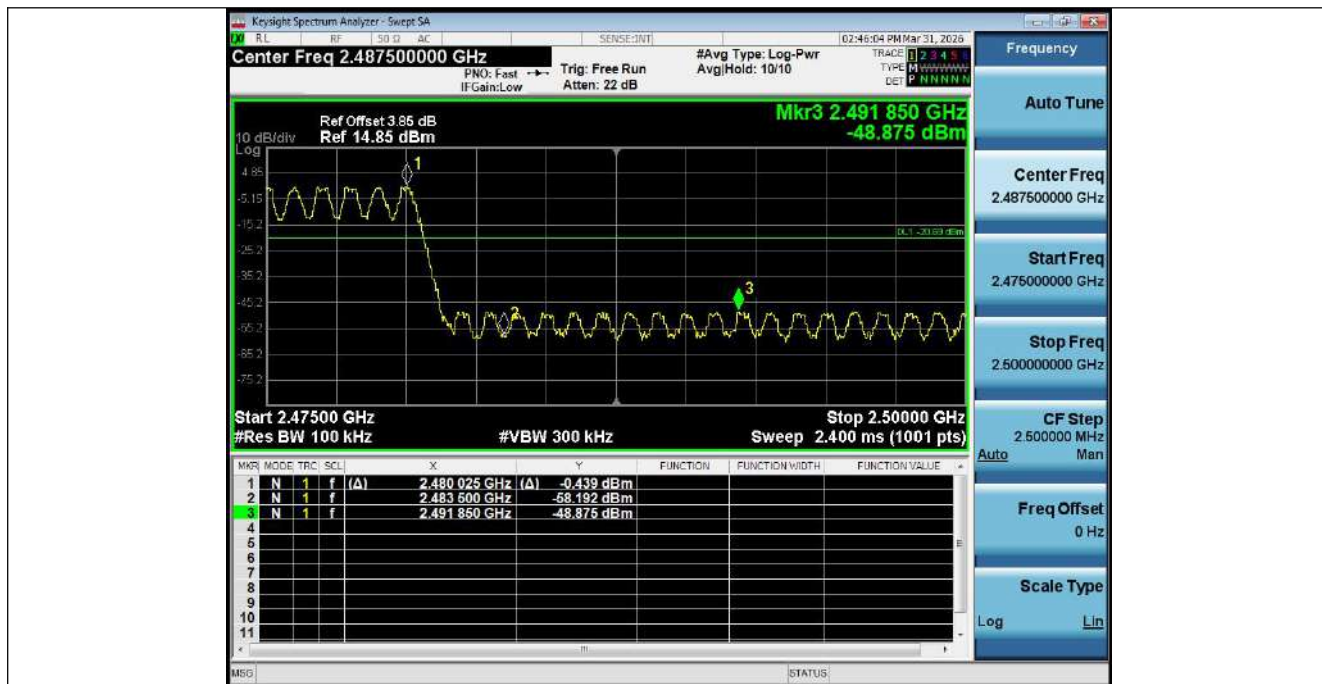
2 Bandedge NVNT ANT1 1-DH1 2480 00



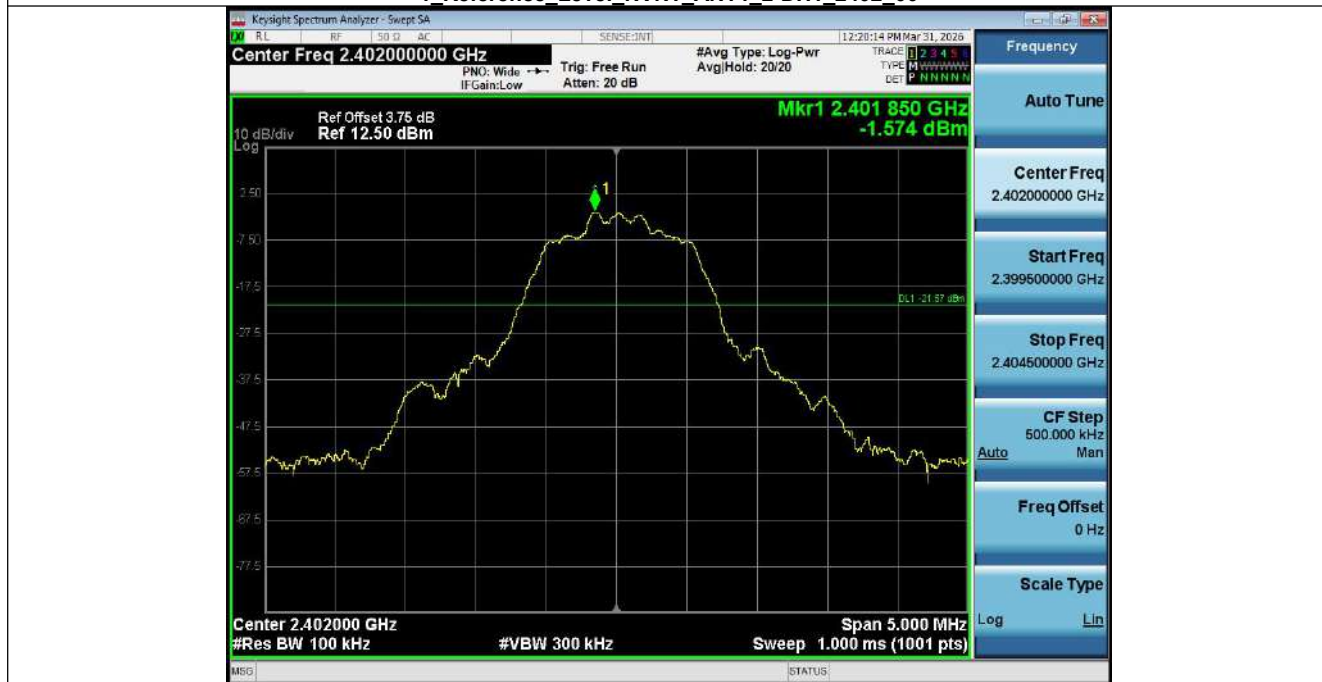
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



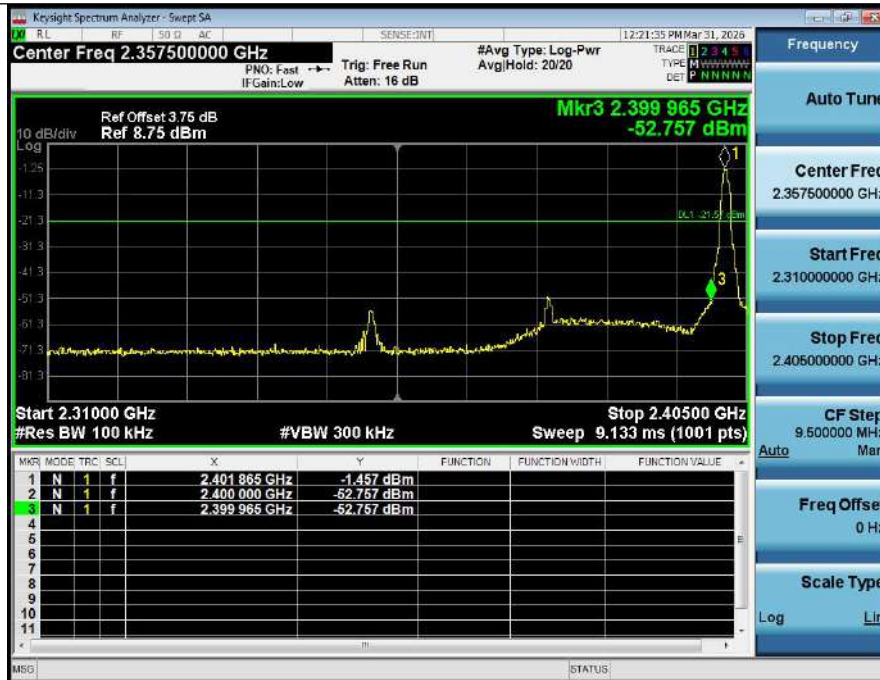
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



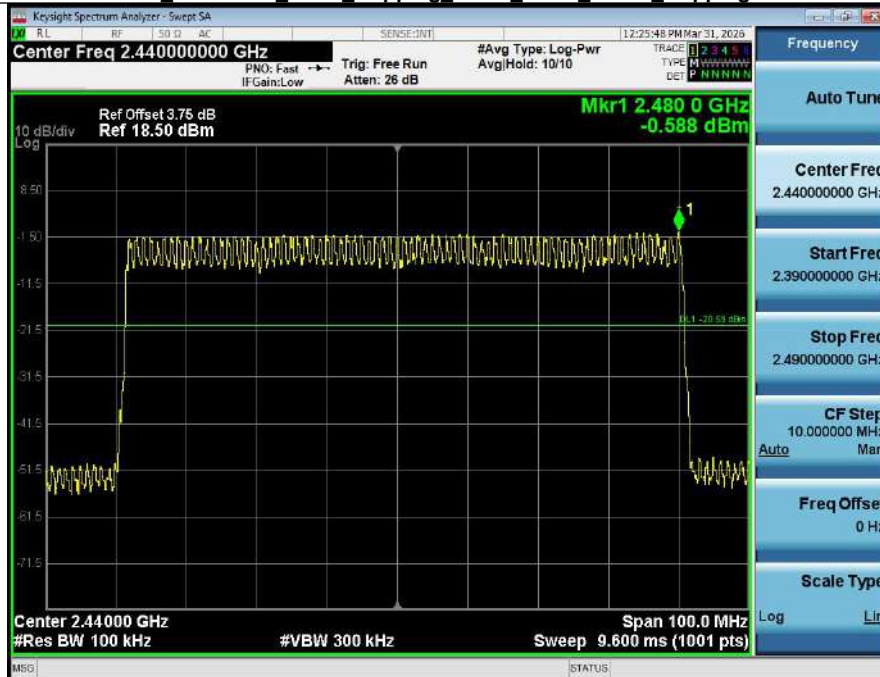
1 Reference Level NVNT ANT1 2-DH1 2402_00



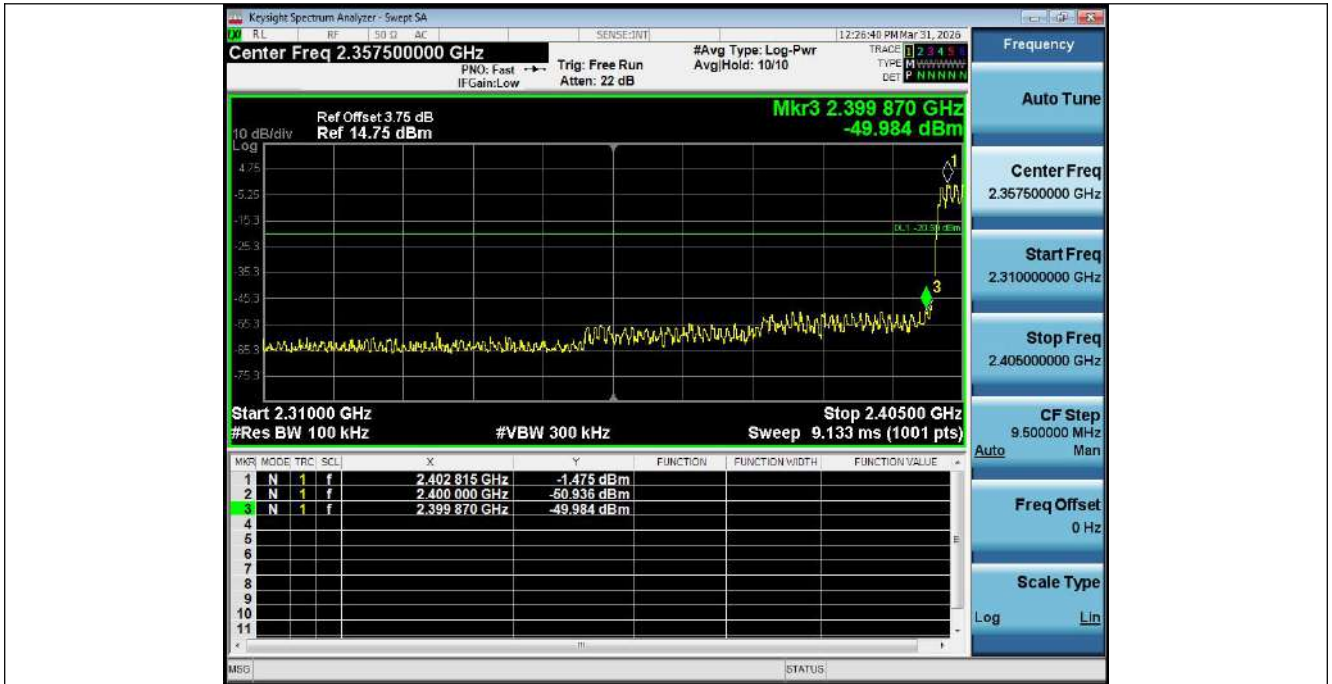
2 Bandedge NVNT ANT1 2-DH1 2402_00



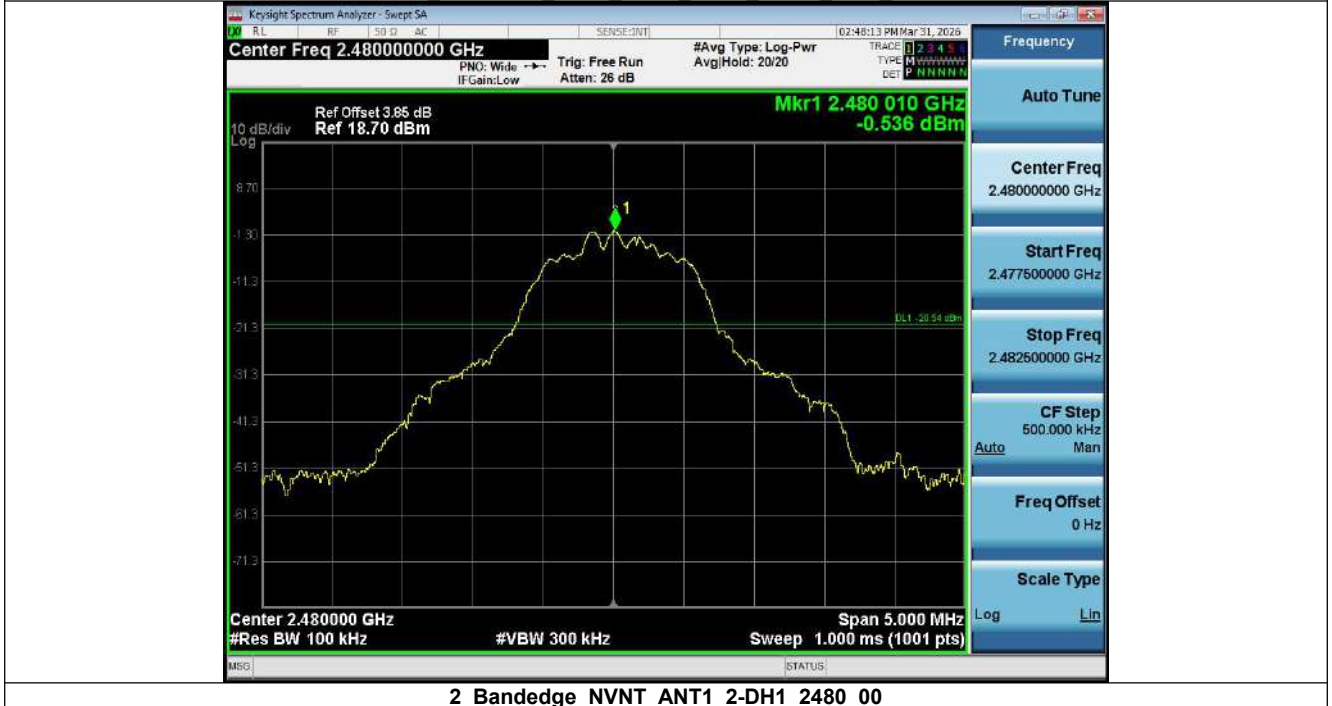
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



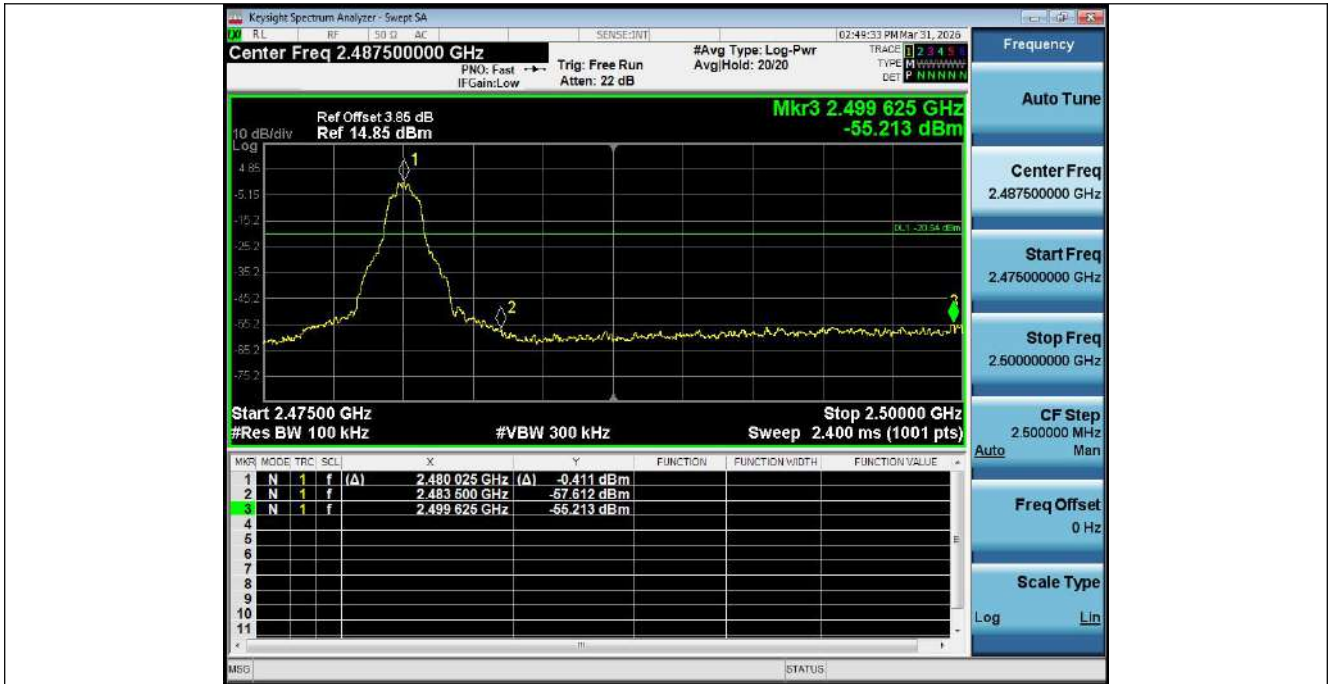
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



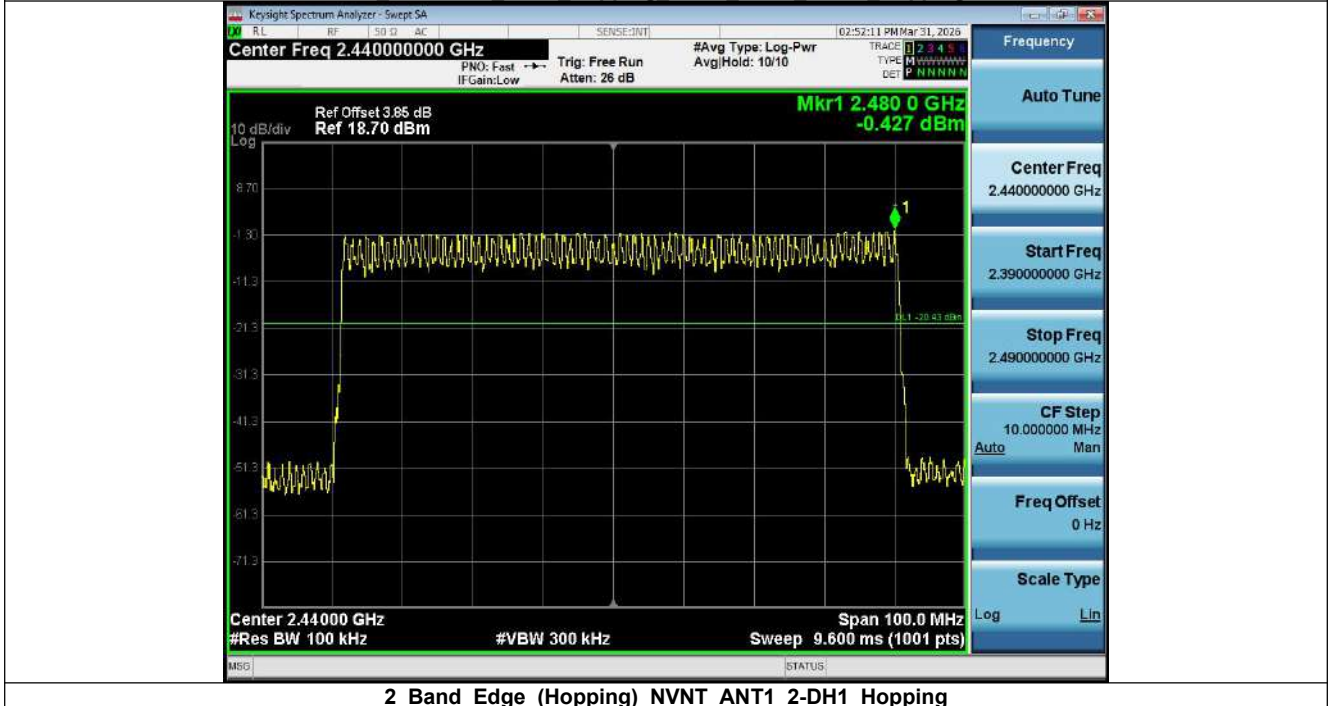
1 Reference Level NVNT ANT1 2-DH1 2480 00



2 Bandedge NVNT ANT1 2-DH1 2480 00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



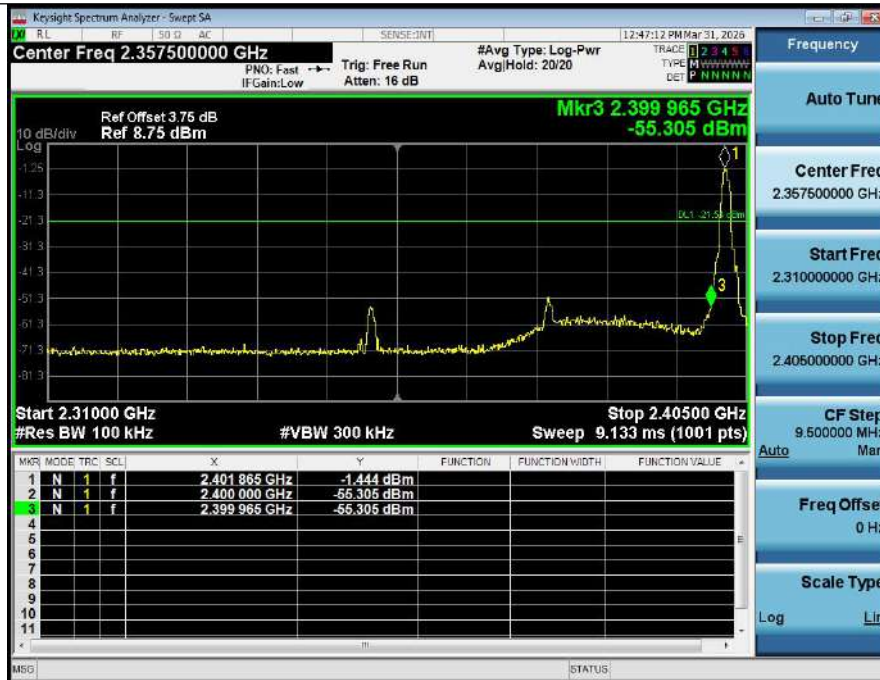
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



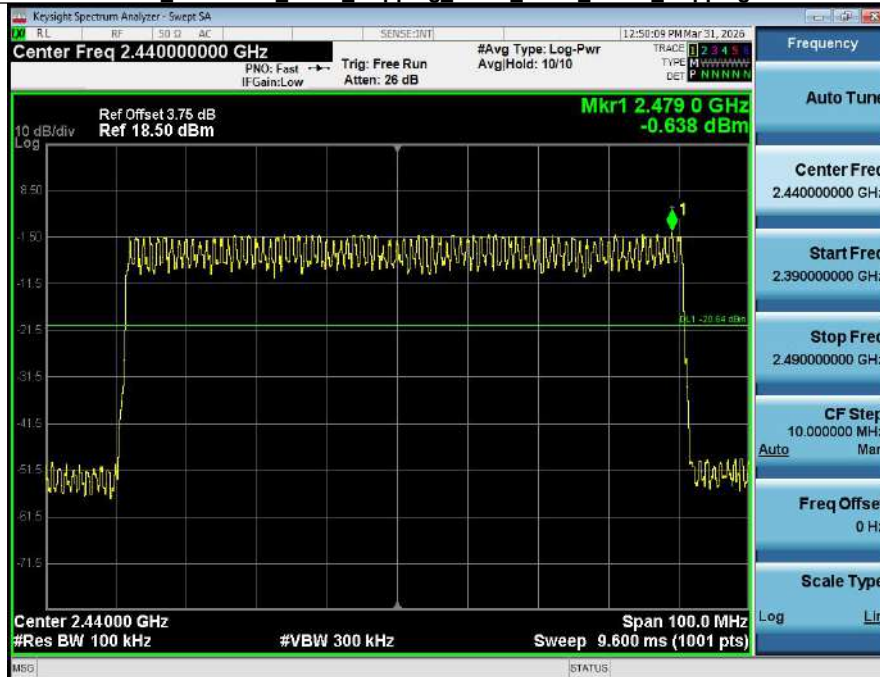
1 Reference Level NVNT ANT1 3-DH1 2402 00



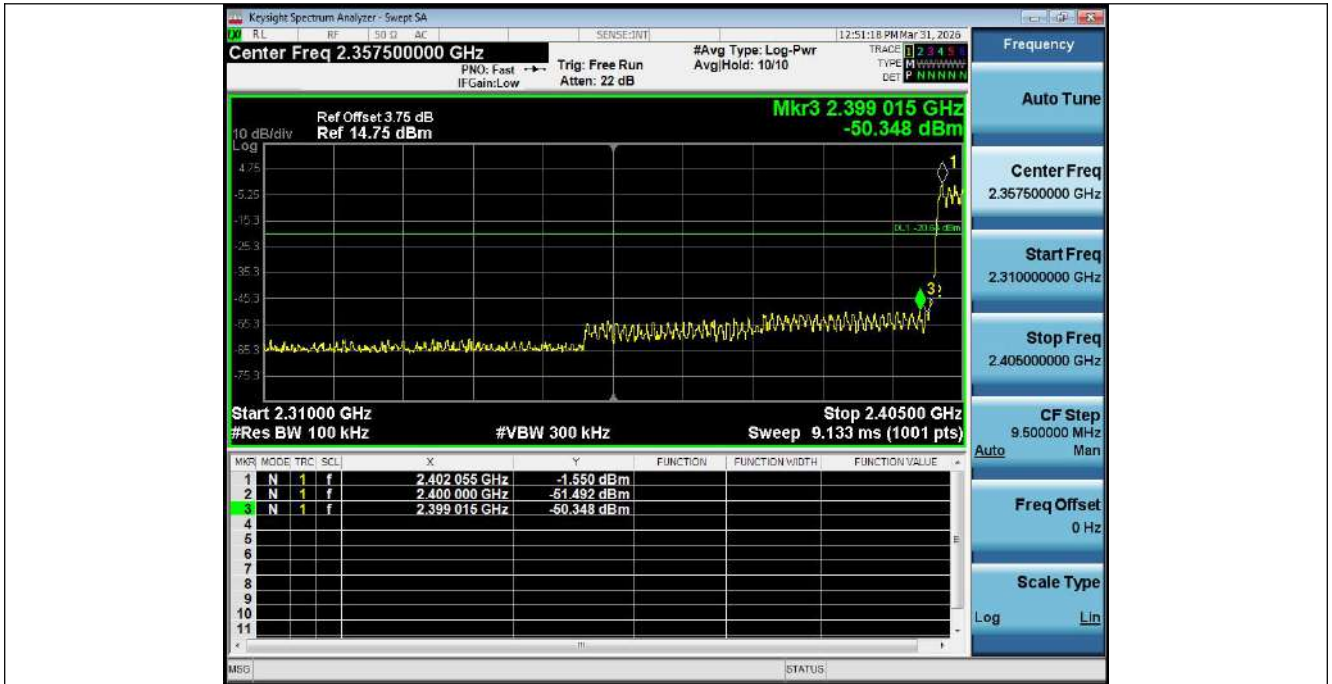
2 Bandedge NVNT ANT1 3-DH1 2402 00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



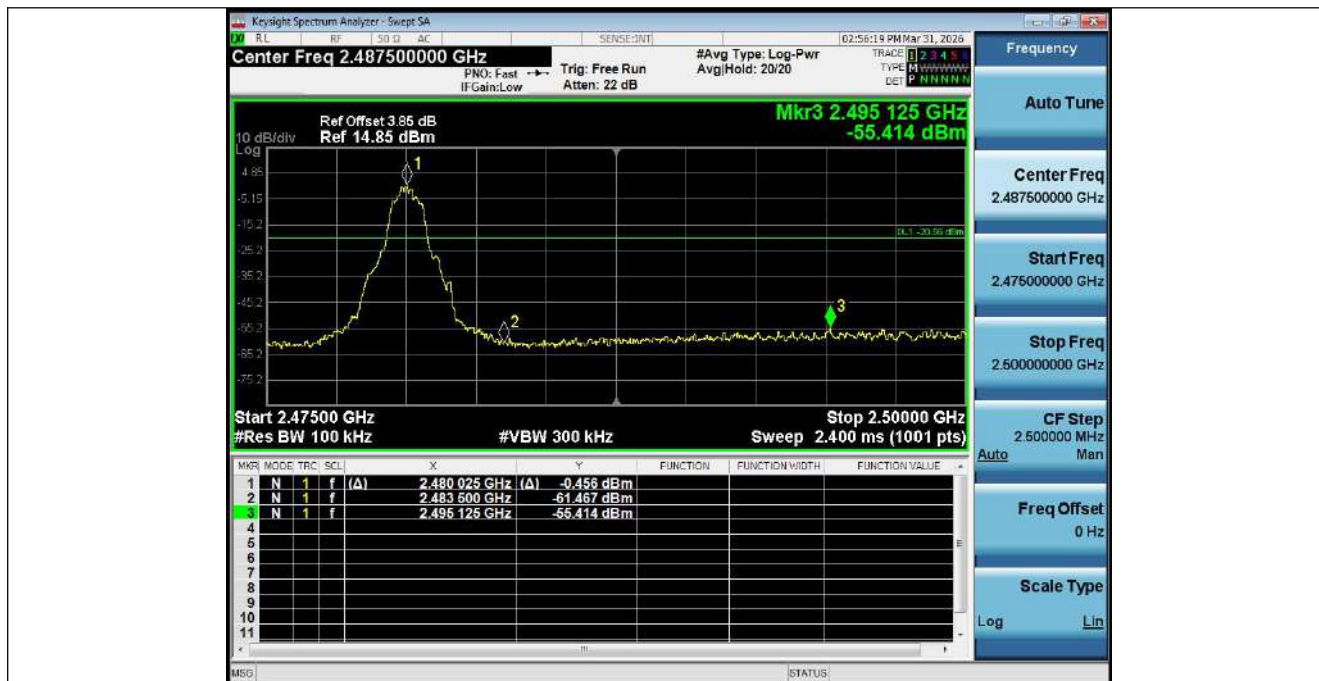
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



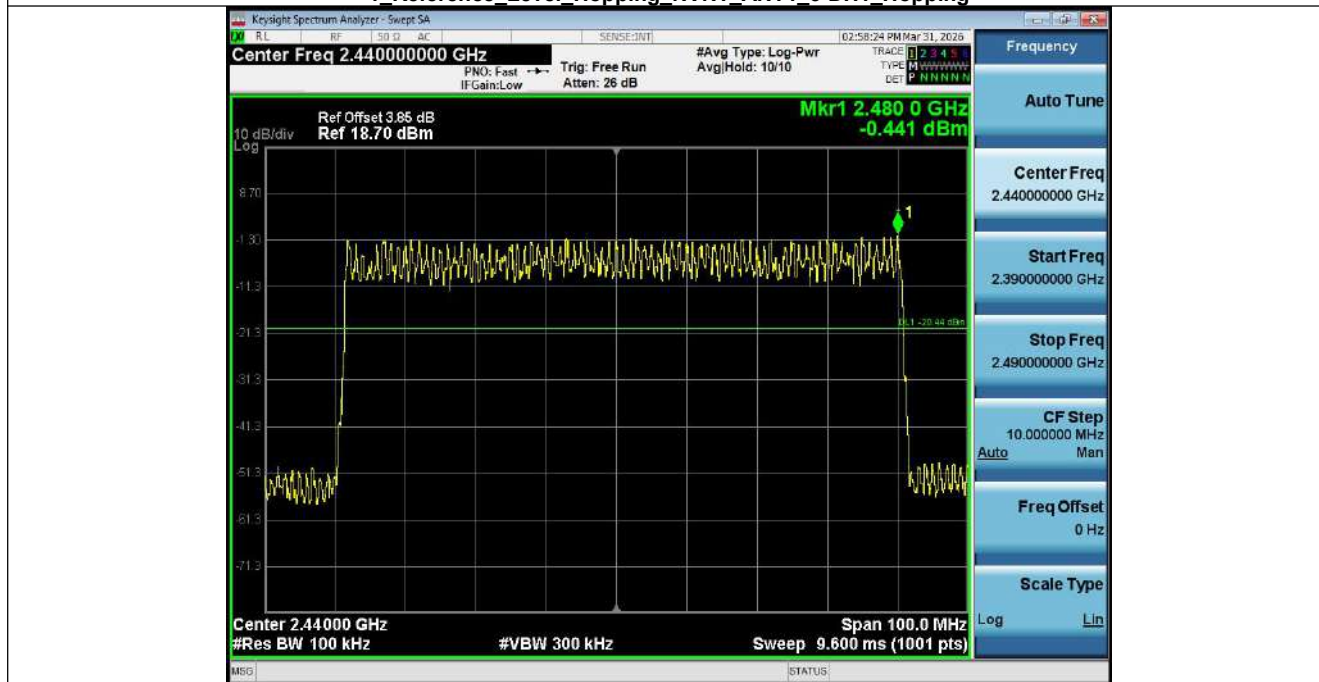
1 Reference Level NVNT ANT1 3-DH1 2480 00



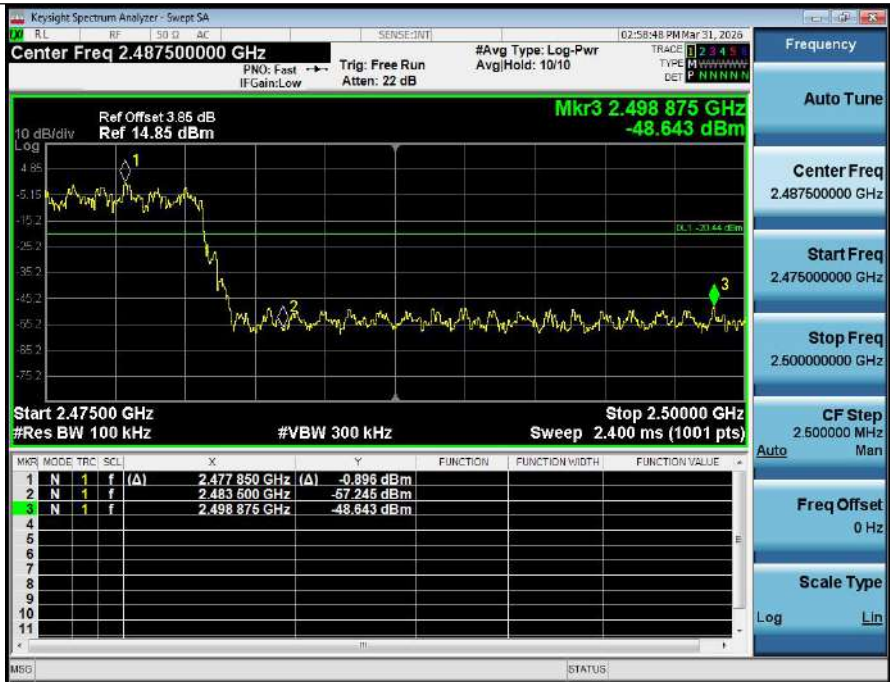
2 Bandedge NVNT ANT1 3-DH1 2480 00



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	2401.924	2402.929	1.00	0.687	Pass
NVNT	ANT1	1-DH1	2441.00	2441.002	2442.001	1.00	0.699	Pass
NVNT	ANT1	1-DH1	2480.00	2479.041	2480.010	0.97	0.701	Pass
NVNT	ANT1	2-DH1	2402.00	2401.906	2403.022	1.12	0.869	Pass
NVNT	ANT1	2-DH1	2441.00	2441.011	2441.998	0.99	0.869	Pass
NVNT	ANT1	2-DH1	2480.00	2478.996	2479.998	1.00	0.866	Pass
NVNT	ANT1	3-DH1	2402.00	2401.921	2402.923	1.00	0.843	Pass
NVNT	ANT1	3-DH1	2441.00	2440.996	2441.998	1.00	0.854	Pass
NVNT	ANT1	3-DH1	2480.00	2479.011	2479.989	0.98	0.867	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

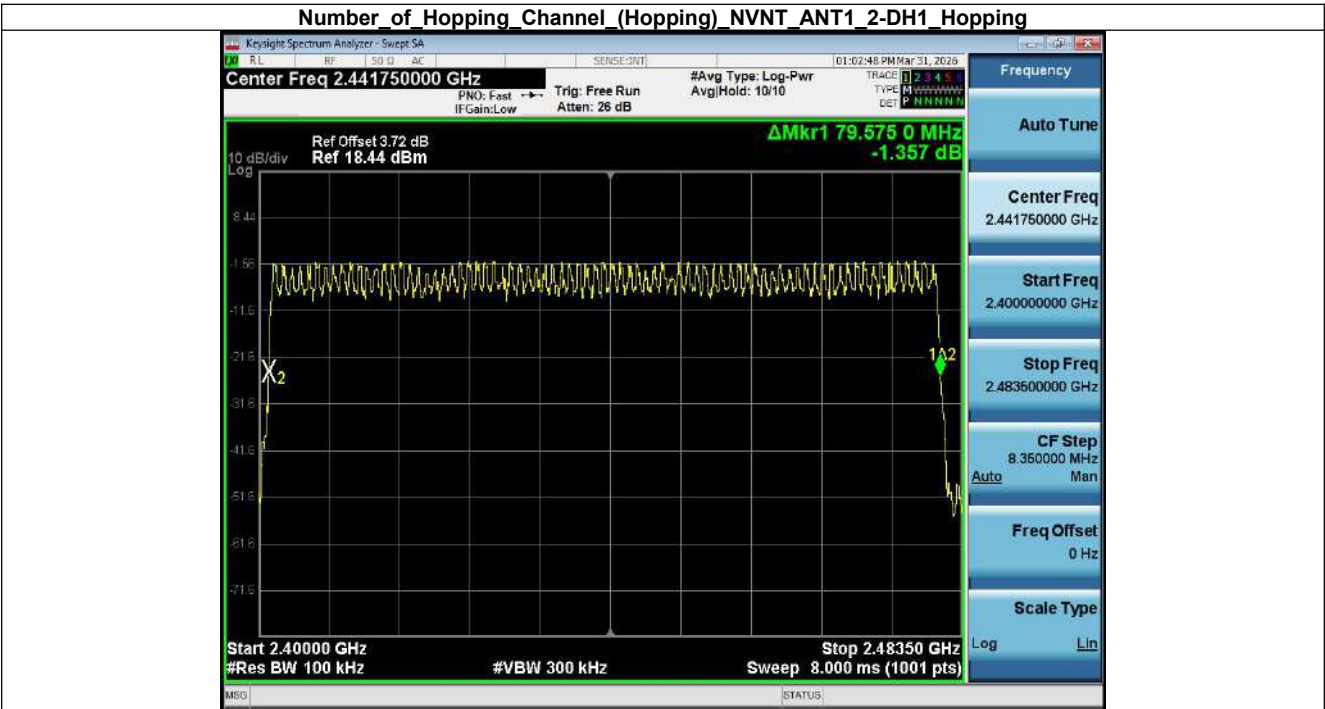
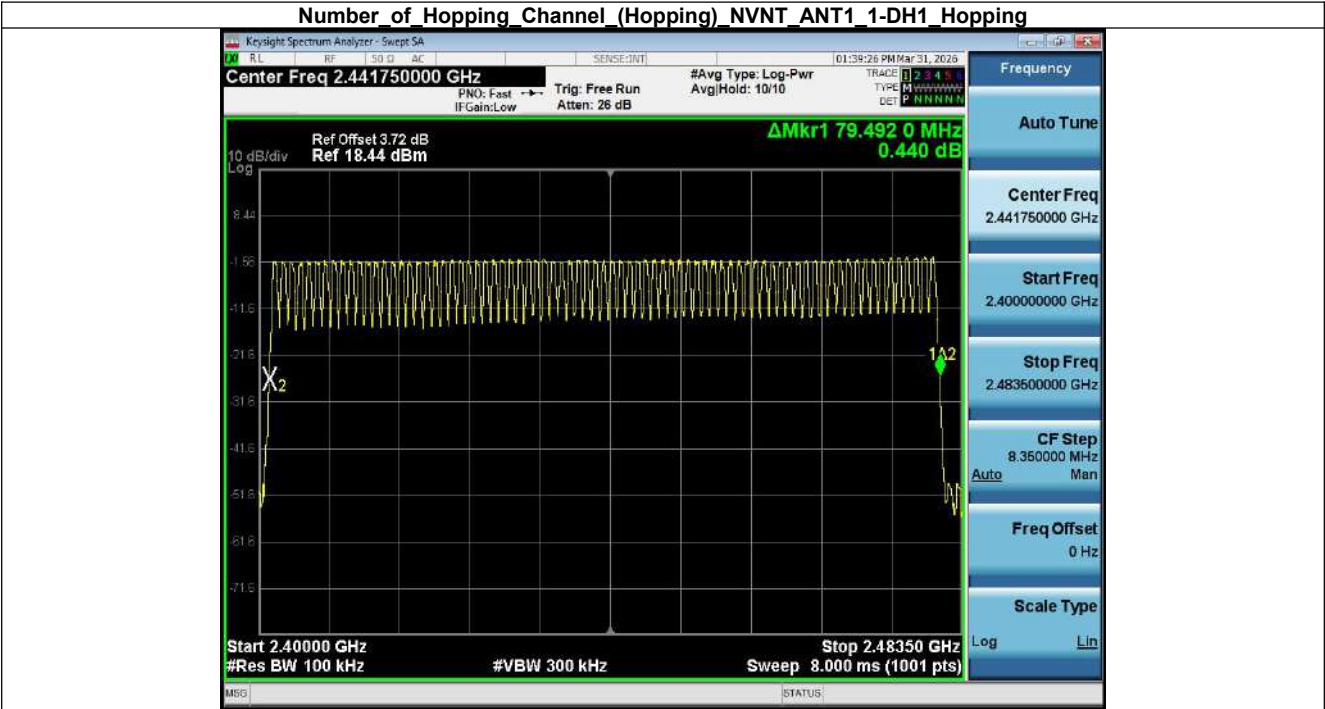


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping

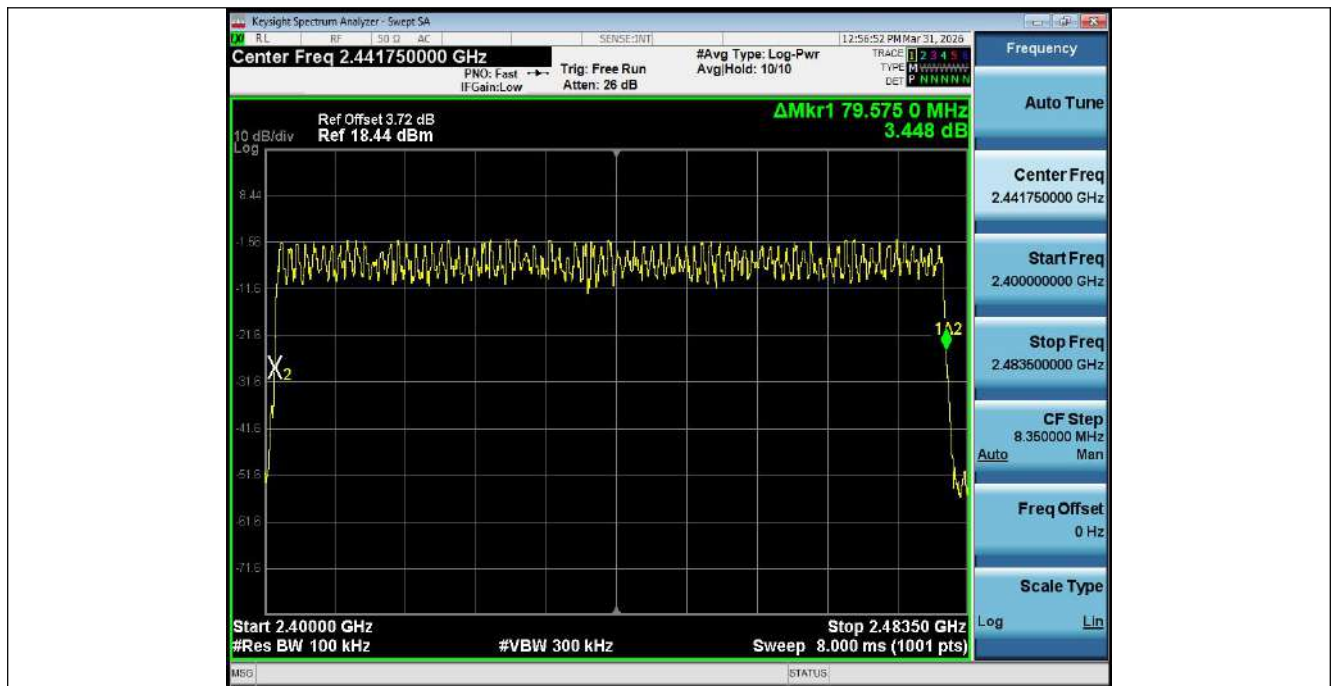


8. Number of Hopping Channel (Hopping)

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

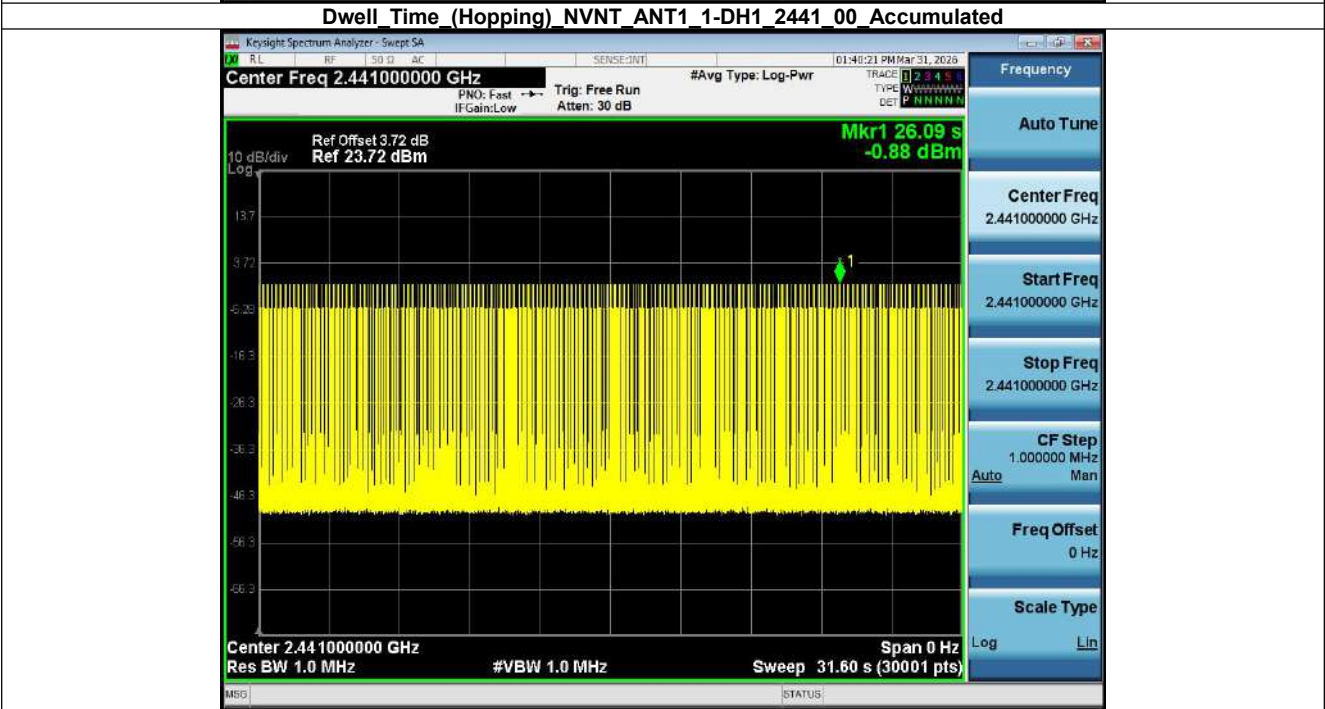
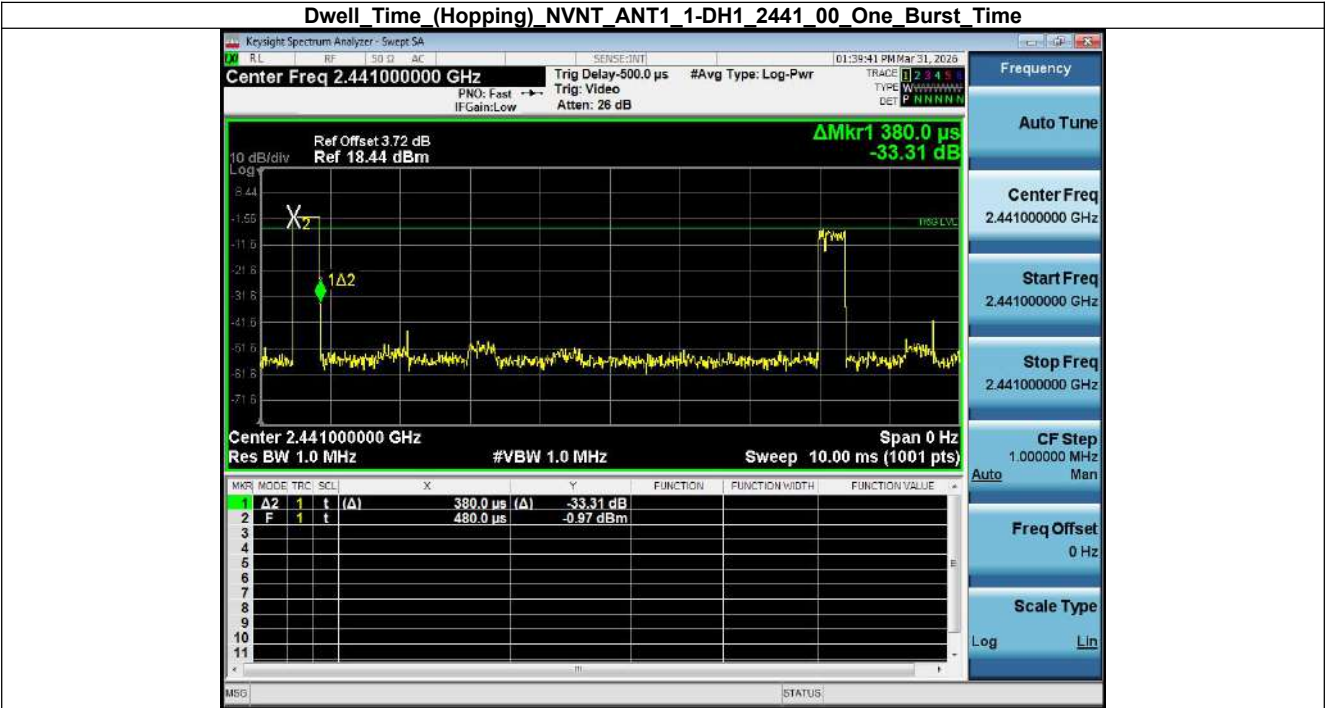


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping



9. Dwell Time (Hopping)

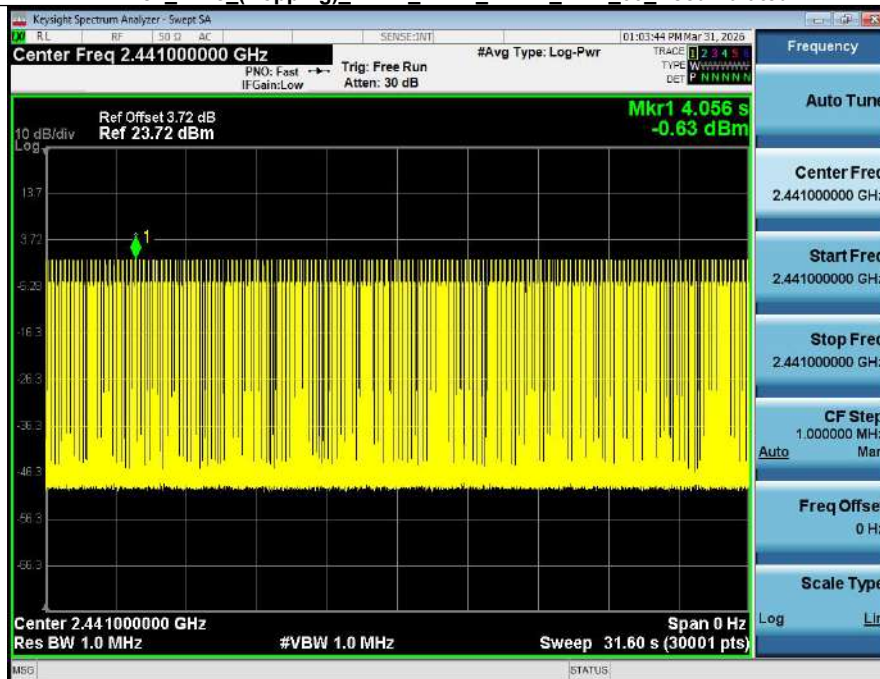
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.380	320.00	121.600	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	318.00	127.200	0.40	Pass
NVNT	ANT1	1-DH3	1.640	165.00	270.600	0.40	Pass
NVNT	ANT1	1-DH5	2.890	102.00	294.780	0.40	Pass
NVNT	ANT1	2-DH3	1.650	161.00	265.650	0.40	Pass
NVNT	ANT1	2-DH5	2.900	102.00	295.800	0.40	Pass
NVNT	ANT1	3-DH3	1.640	165.00	270.600	0.40	Pass
NVNT	ANT1	3-DH5	2.900	102.00	295.800	0.40	Pass



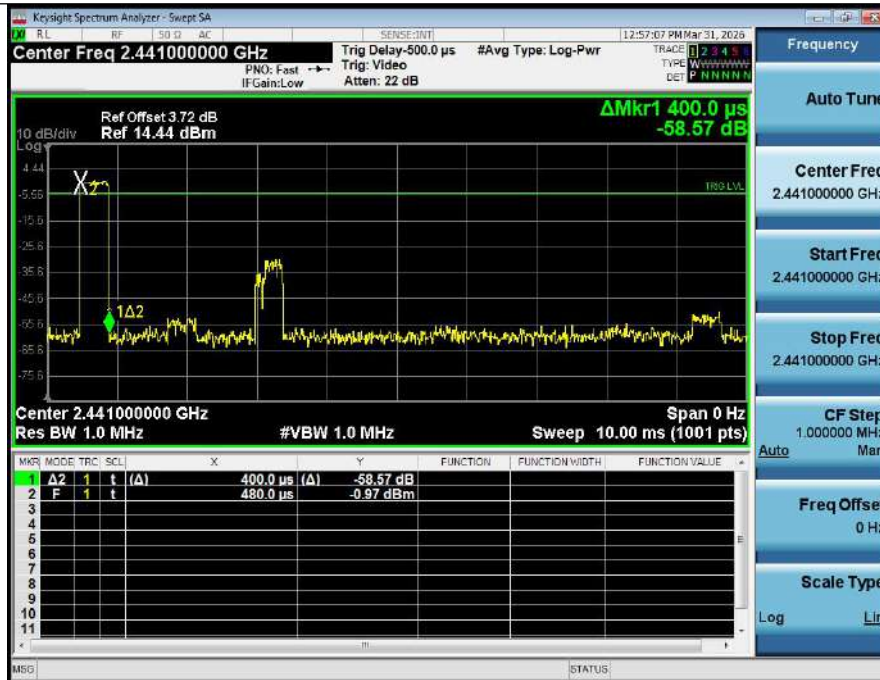
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



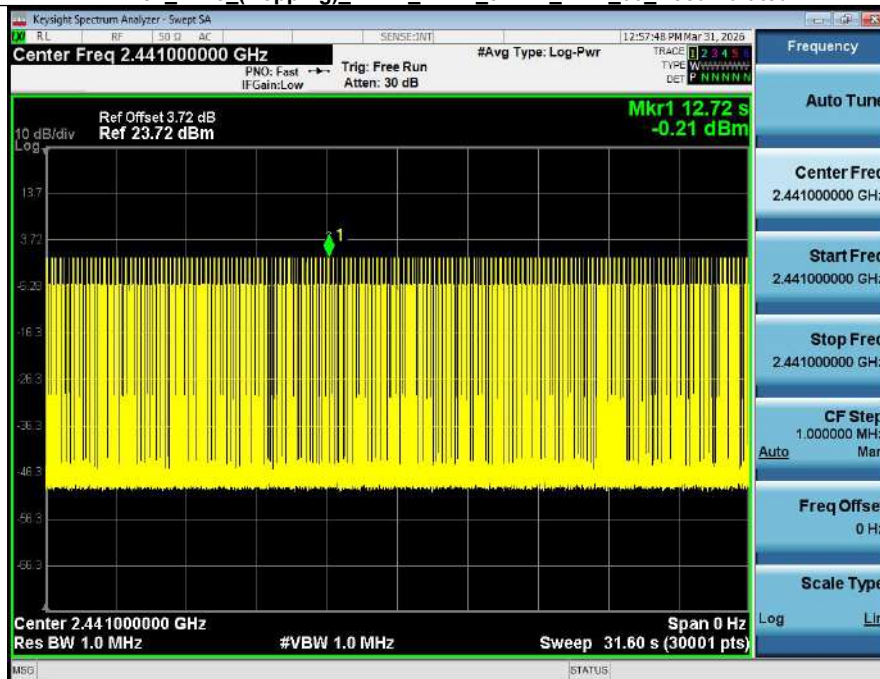
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



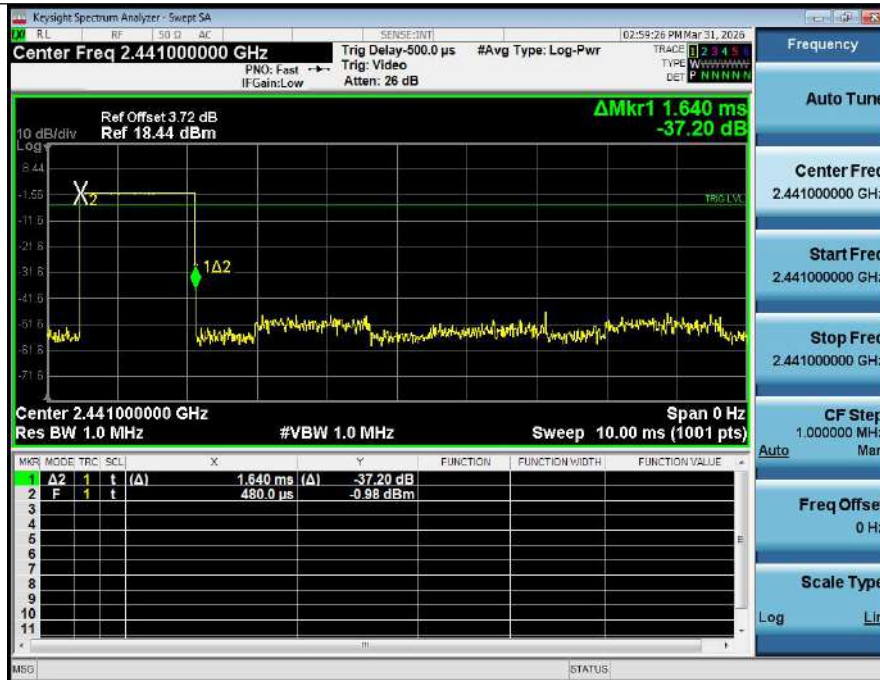
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One Burst Time



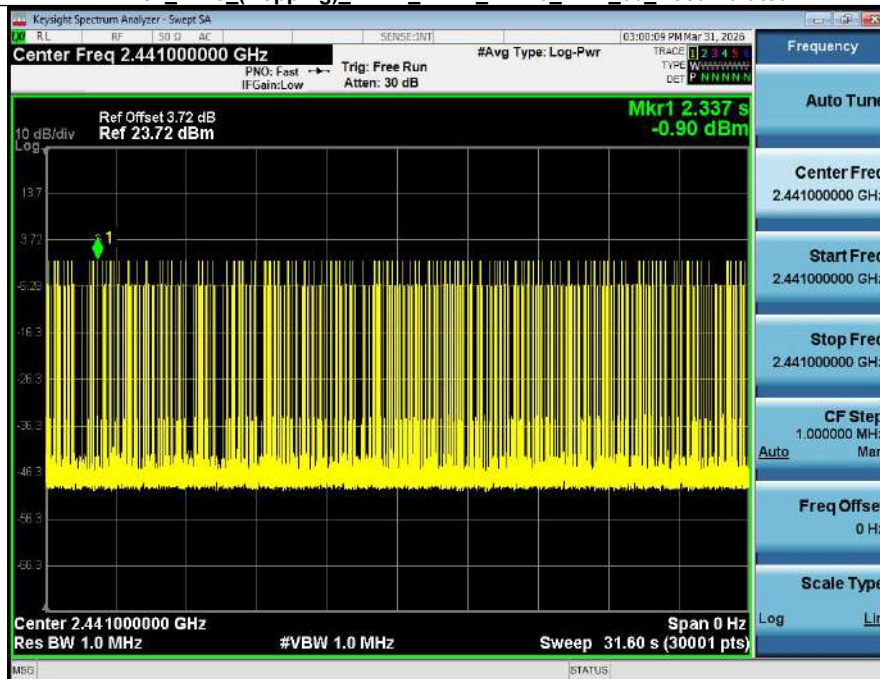
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



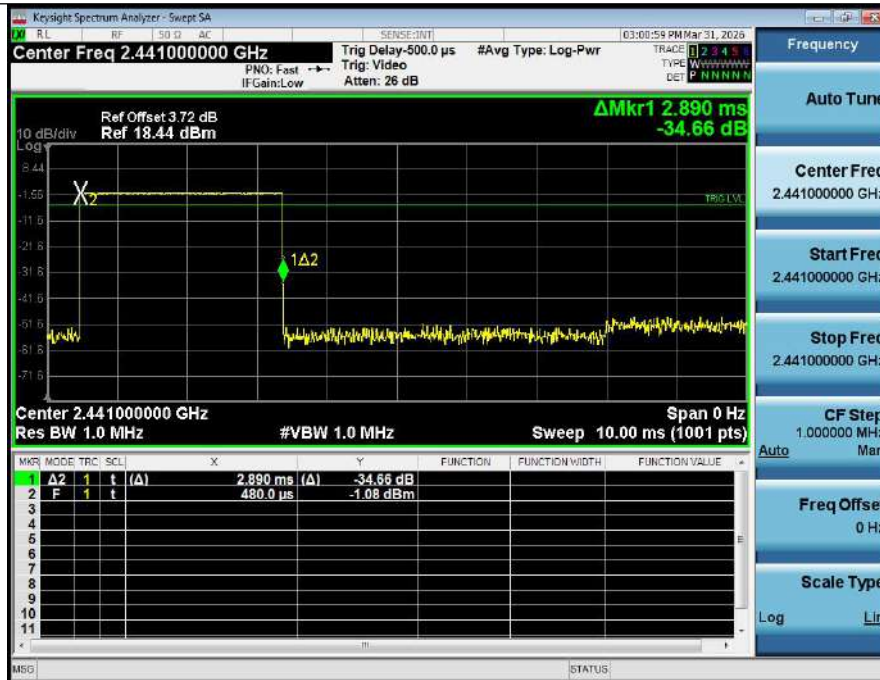
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



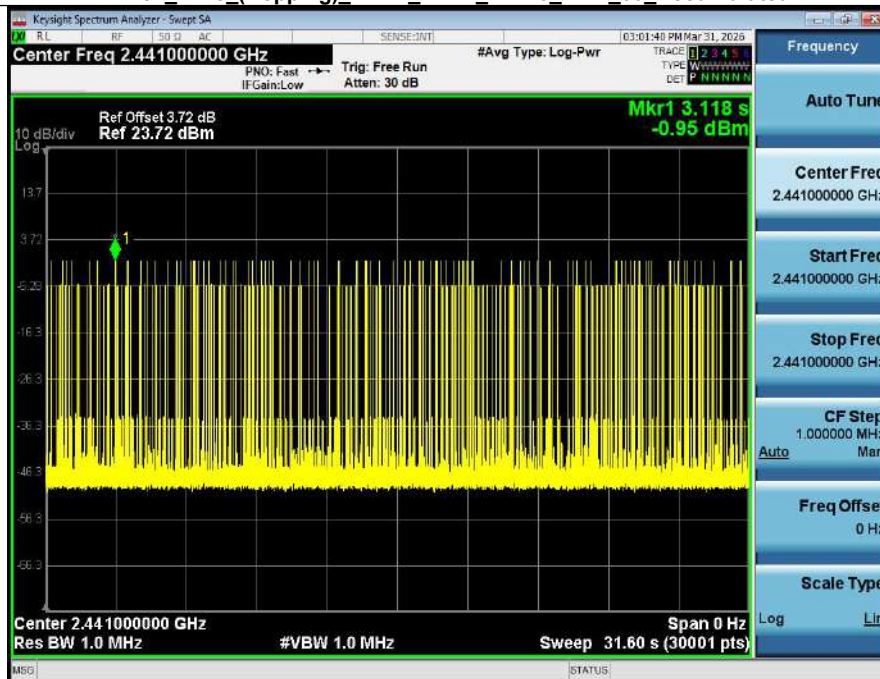
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



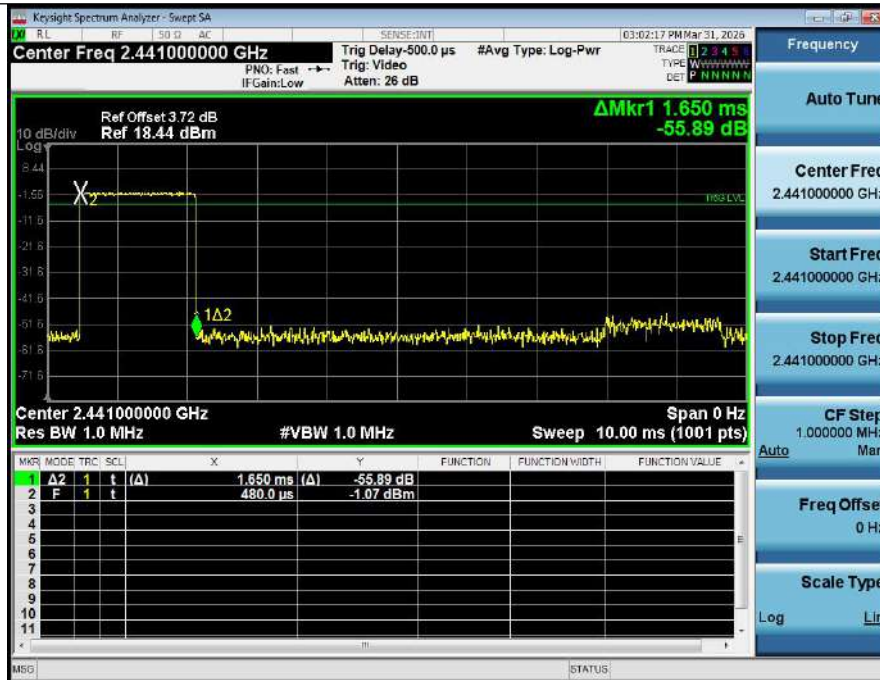
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One Burst Time



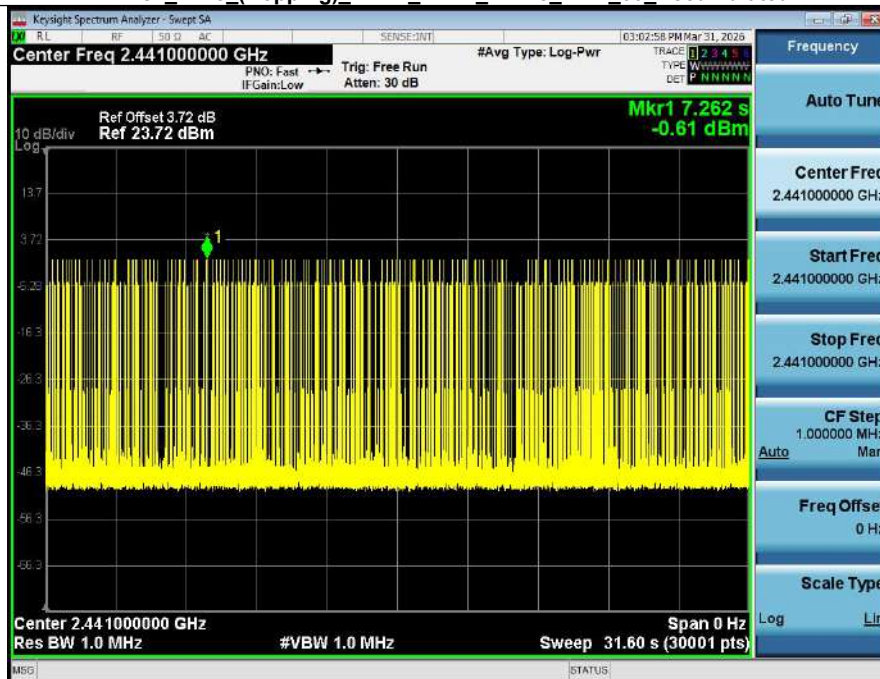
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



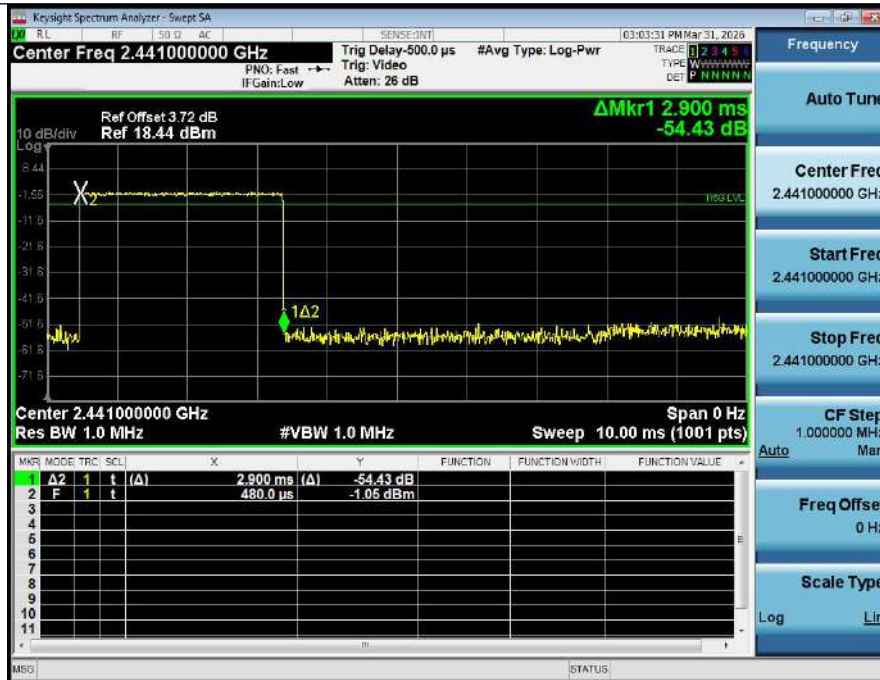
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One Burst Time



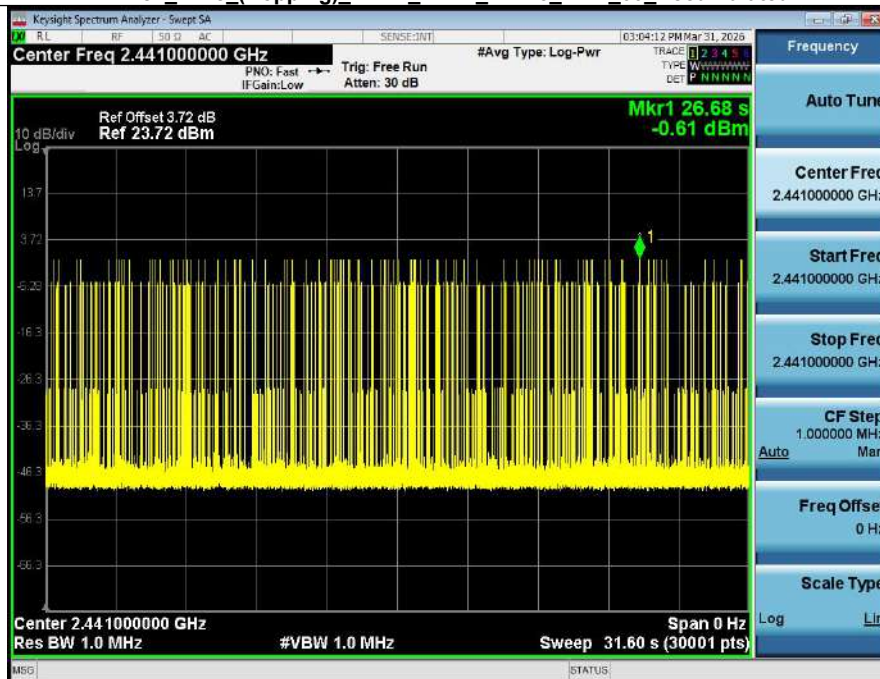
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



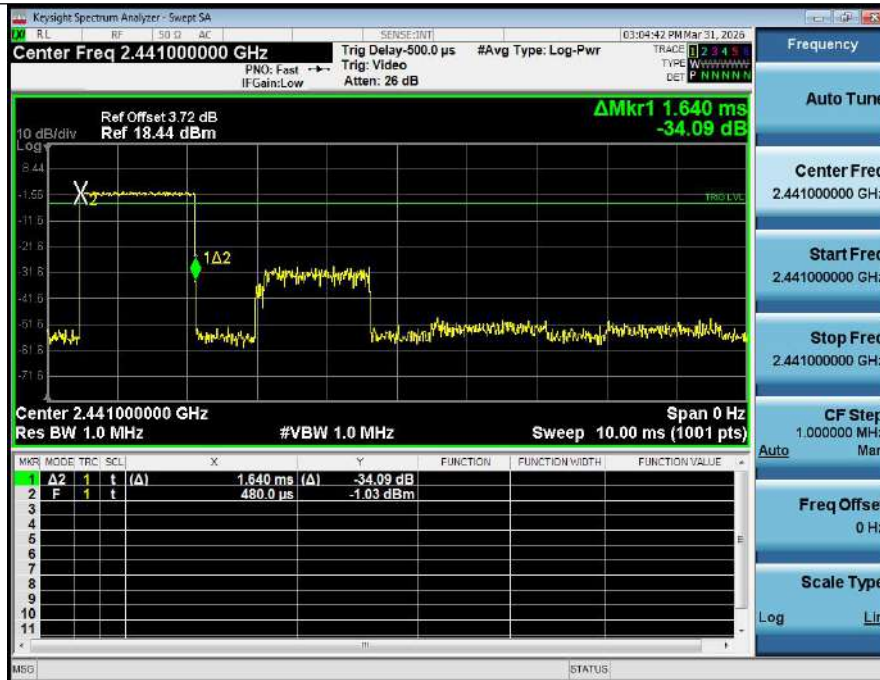
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One Burst Time



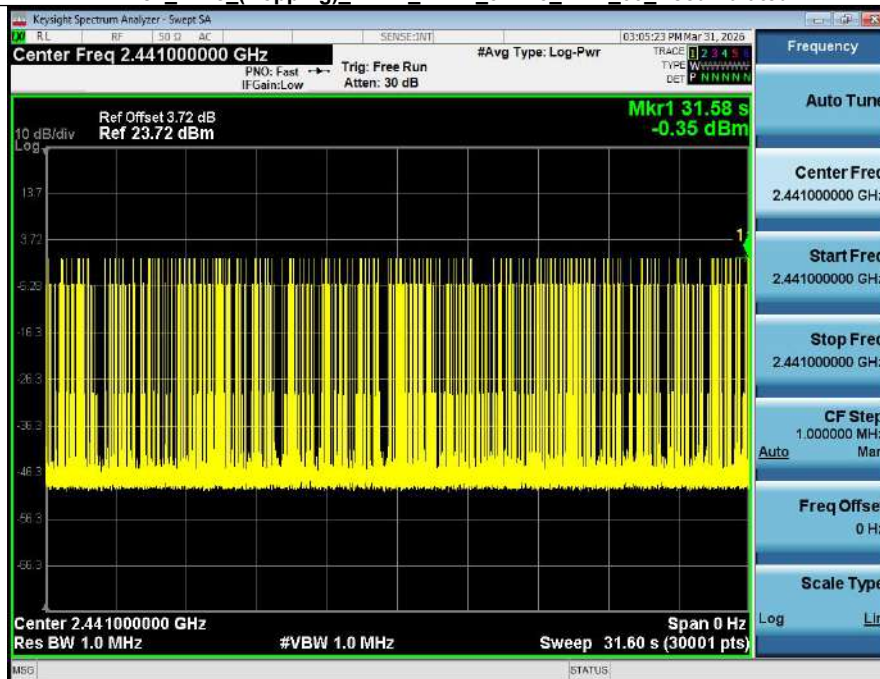
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



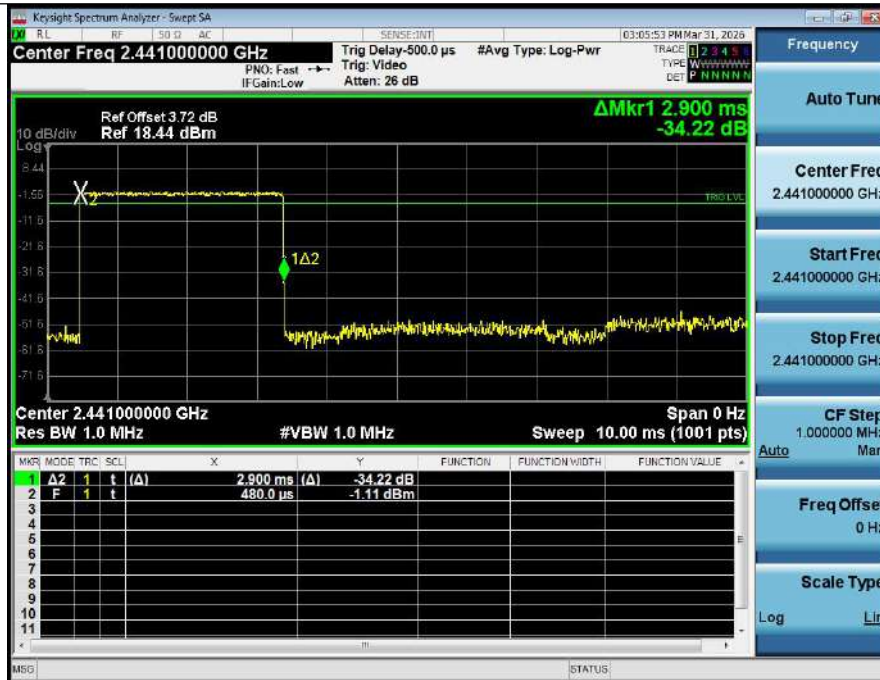
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One Burst Time



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

