

Table of Contents

1. Dwell Time (Hopping) 1

2. -20dB Bandwidth 29

3. 99% Occupied Bandwidth 34

4. Peak Output Power39

5. Spurious Emissions 44

6. Bandedge 53

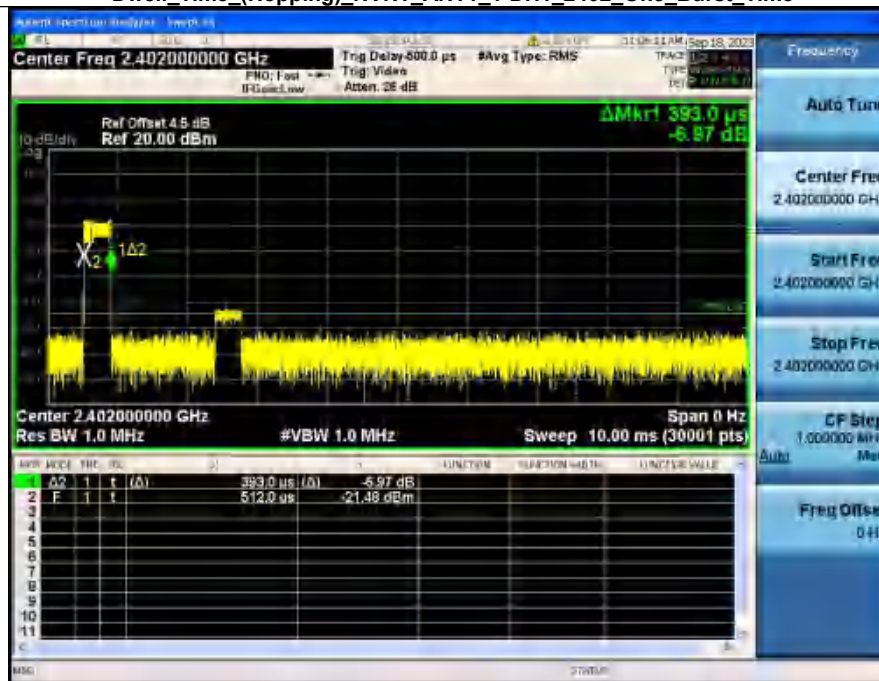
7. Carrier Frequencies Separation (Hopping)66

8. Number of Hopping Channel (Hopping) 71

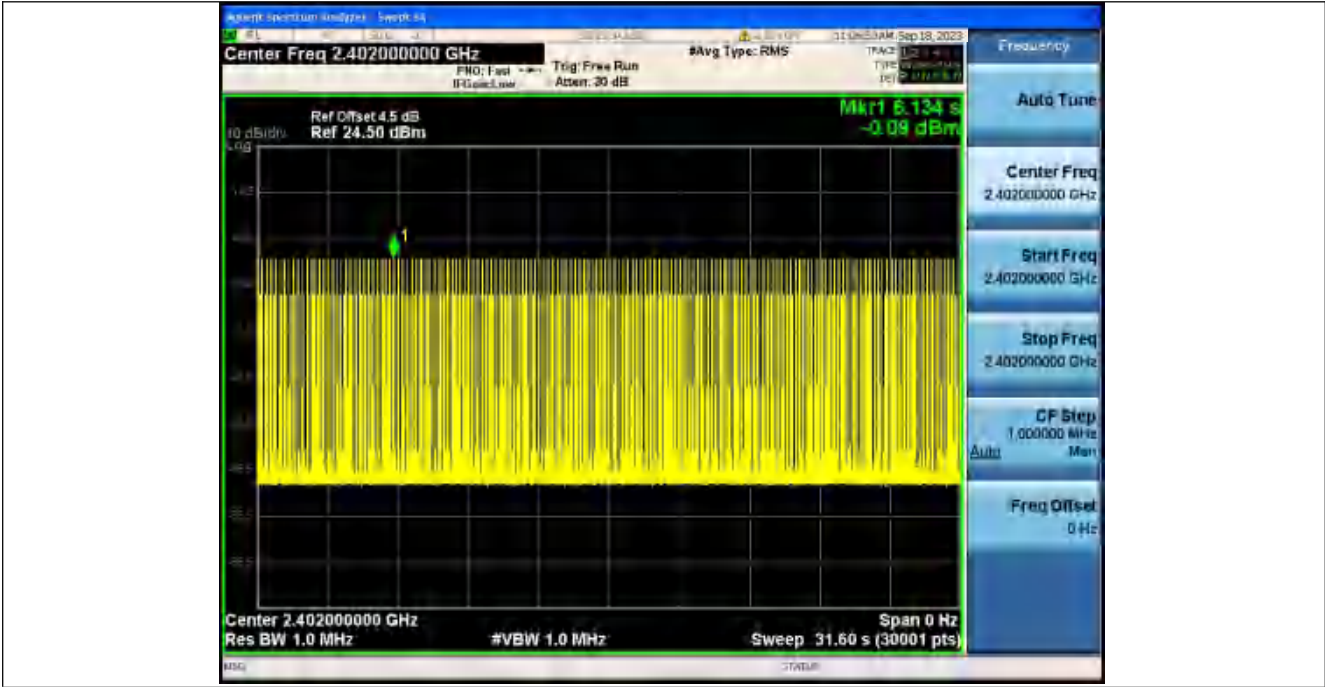
1. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	1-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	1-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	1-DH3	1.649	96.00	158.304	0.40	Pass
NVNT	ANT1	1-DH3	1.649	100.00	164.900	0.40	Pass
NVNT	ANT1	1-DH3	1.649	106.00	174.794	0.40	Pass
NVNT	ANT1	1-DH5	2.897	56.00	162.232	0.40	Pass
NVNT	ANT1	1-DH5	2.897	84.00	243.348	0.40	Pass
NVNT	ANT1	1-DH5	2.897	67.00	194.099	0.40	Pass
NVNT	ANT1	2-DH1	0.385	320.00	123.200	0.40	Pass
NVNT	ANT1	2-DH1	0.385	320.00	123.200	0.40	Pass
NVNT	ANT1	2-DH1	0.385	320.00	123.200	0.40	Pass
NVNT	ANT1	2-DH3	1.638	106.00	173.628	0.40	Pass
NVNT	ANT1	2-DH3	1.637	98.00	160.426	0.40	Pass
NVNT	ANT1	2-DH3	1.637	119.00	194.803	0.40	Pass
NVNT	ANT1	2-DH5	2.886	65.00	187.590	0.40	Pass
NVNT	ANT1	2-DH5	2.886	59.00	170.274	0.40	Pass
NVNT	ANT1	2-DH5	2.885	60.00	173.100	0.40	Pass
NVNT	ANT1	3-DH1	0.384	319.00	122.496	0.40	Pass
NVNT	ANT1	3-DH1	0.383	320.00	122.560	0.40	Pass
NVNT	ANT1	3-DH1	0.383	320.00	122.560	0.40	Pass
NVNT	ANT1	3-DH3	1.633	111.00	181.263	0.40	Pass
NVNT	ANT1	3-DH3	1.634	121.00	197.714	0.40	Pass
NVNT	ANT1	3-DH3	1.633	106.00	173.098	0.40	Pass
NVNT	ANT1	3-DH5	2.884	66.00	190.344	0.40	Pass
NVNT	ANT1	3-DH5	2.885	65.00	187.525	0.40	Pass
NVNT	ANT1	3-DH5	2.885	57.00	164.445	0.40	Pass

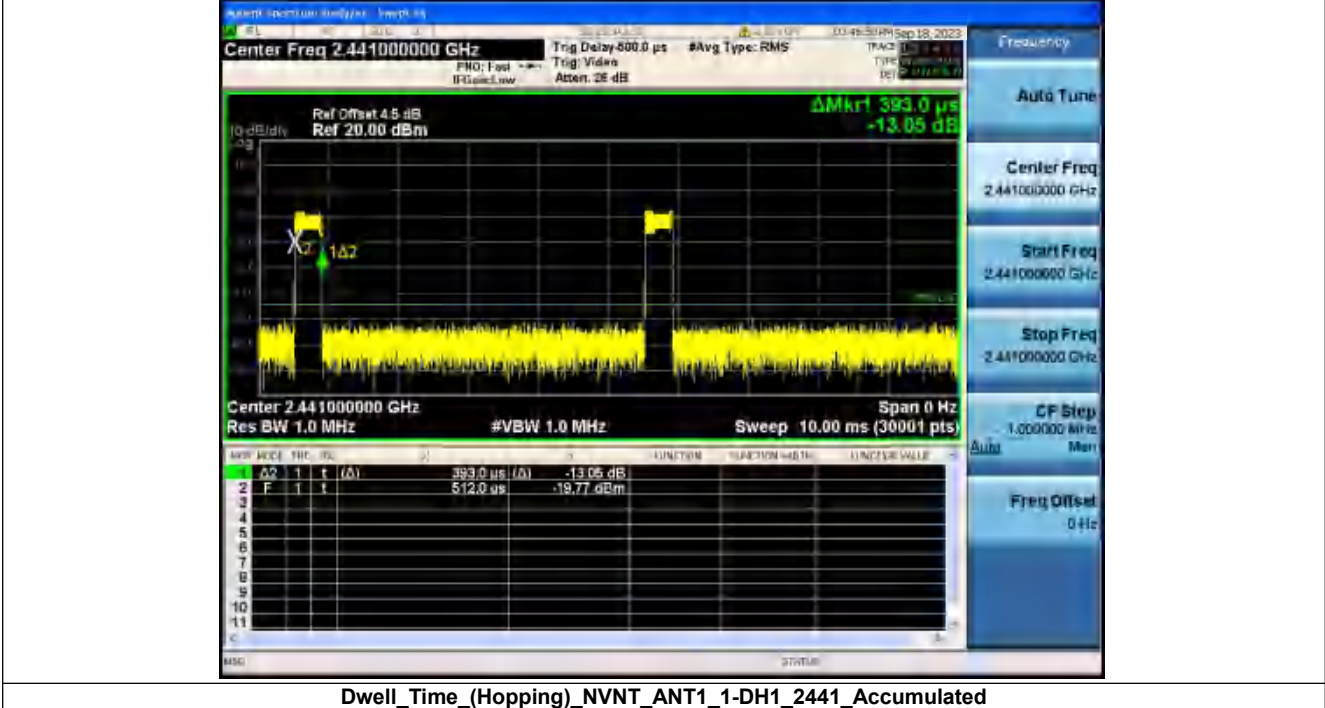
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2402_One_Burst_Time



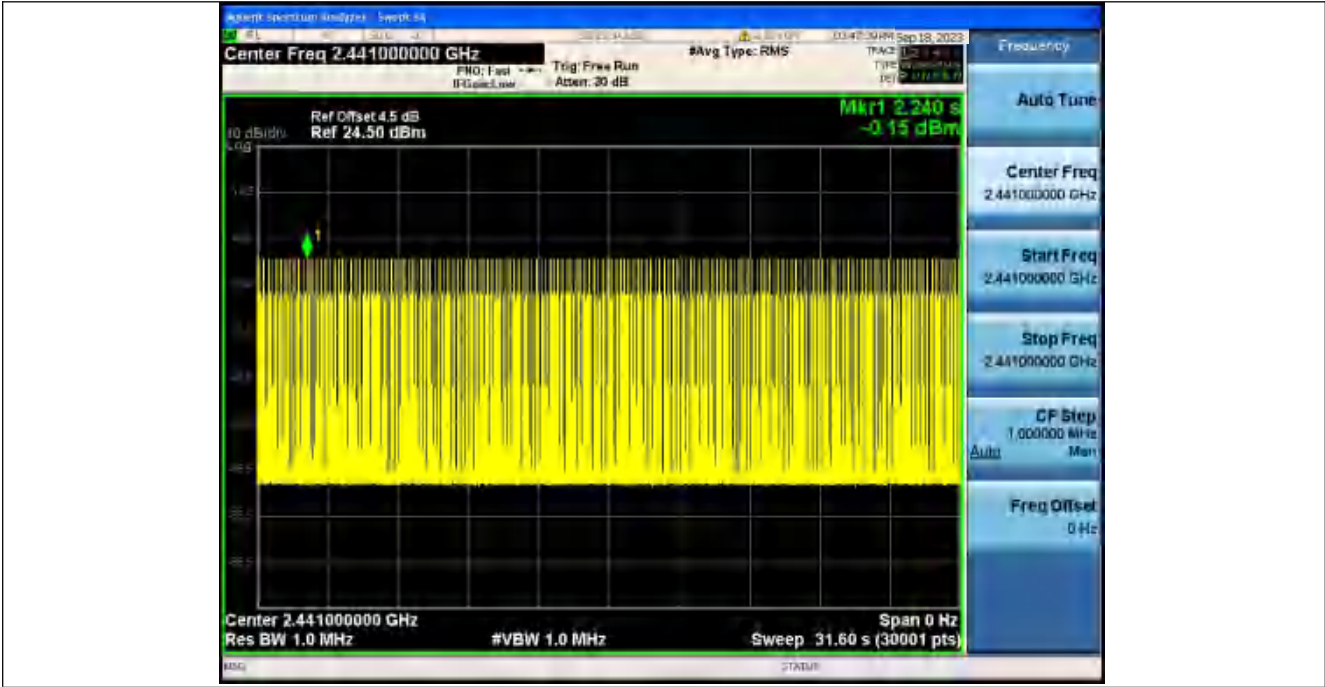
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2402_Accumulated



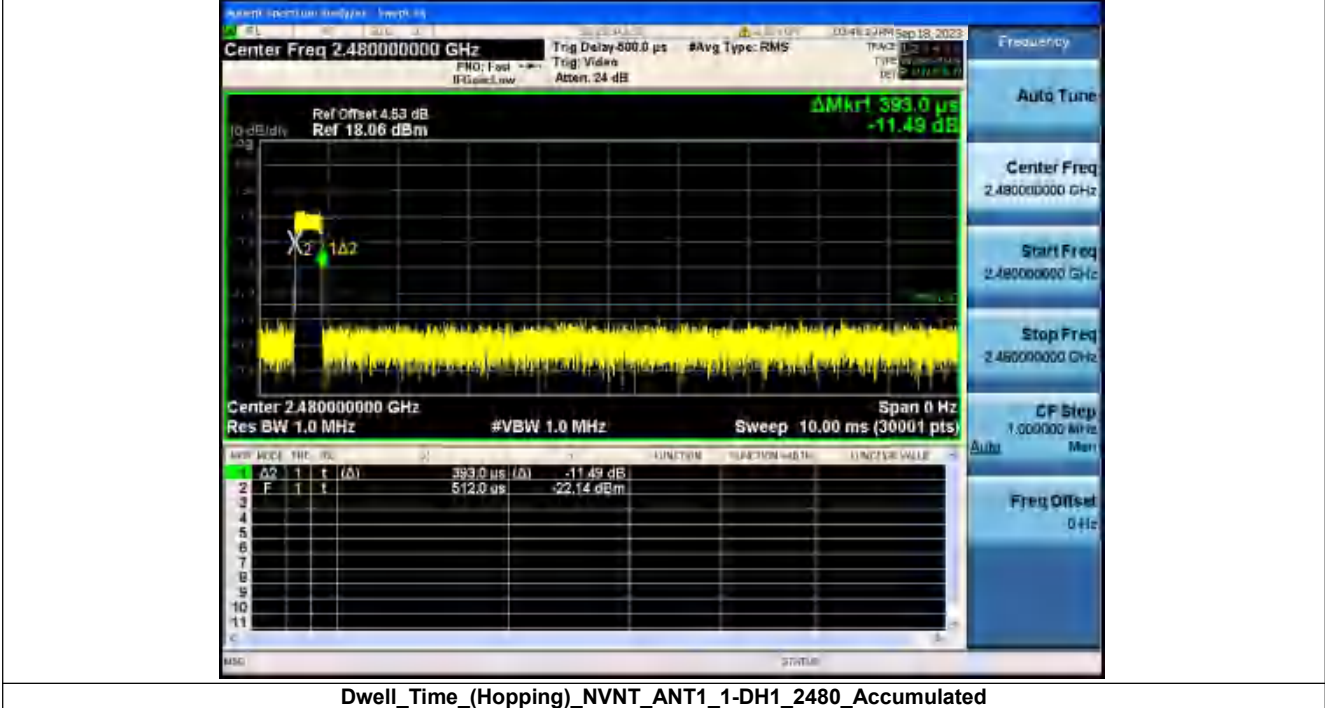
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_One_Burst_Time



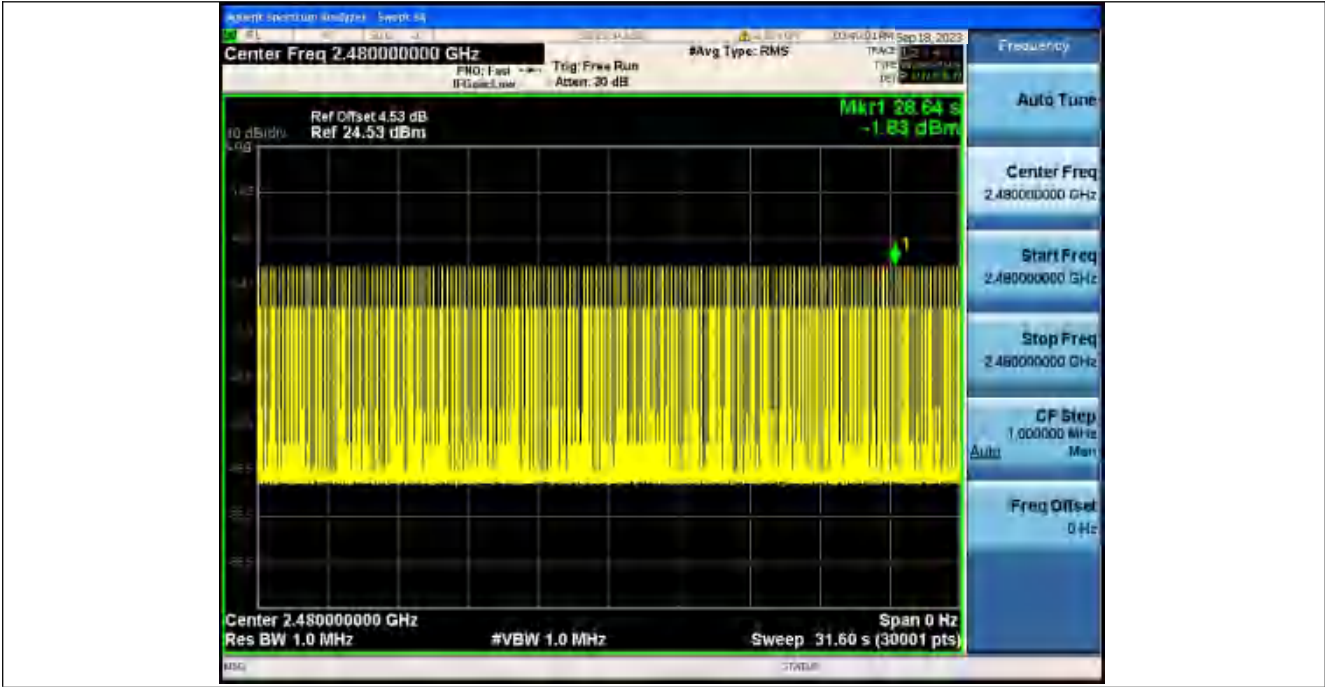
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_Accumulated



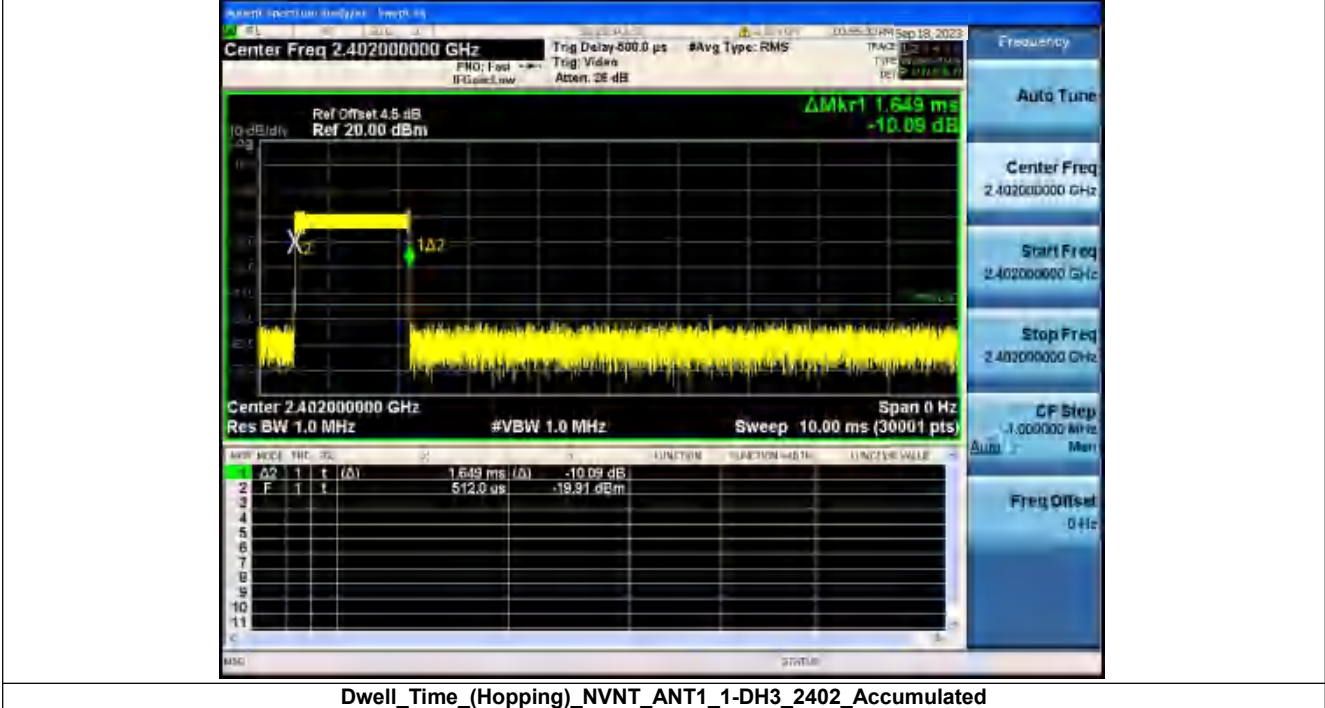
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2480_One_Burst_Time



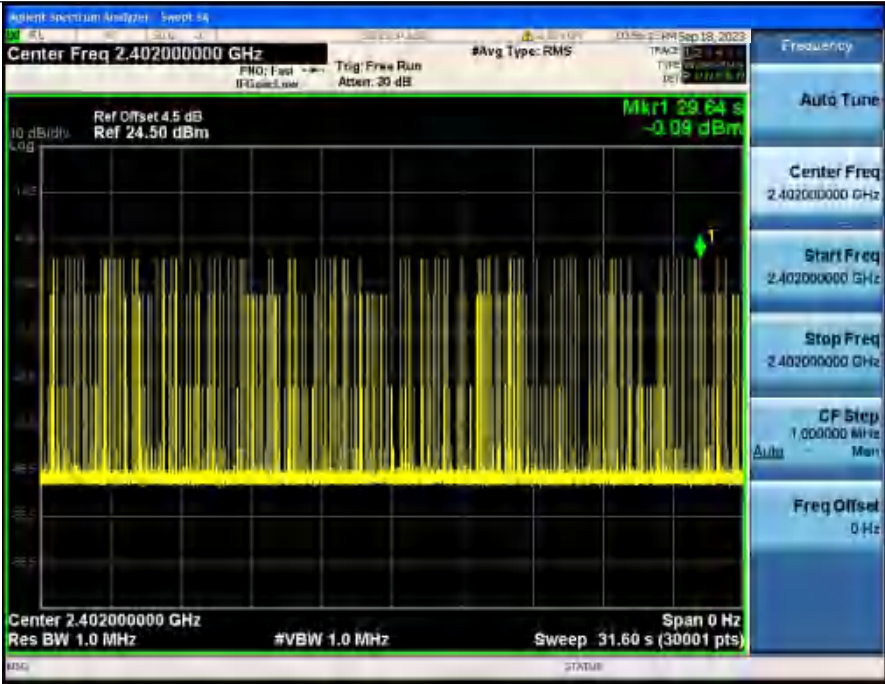
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2480_Accumulated



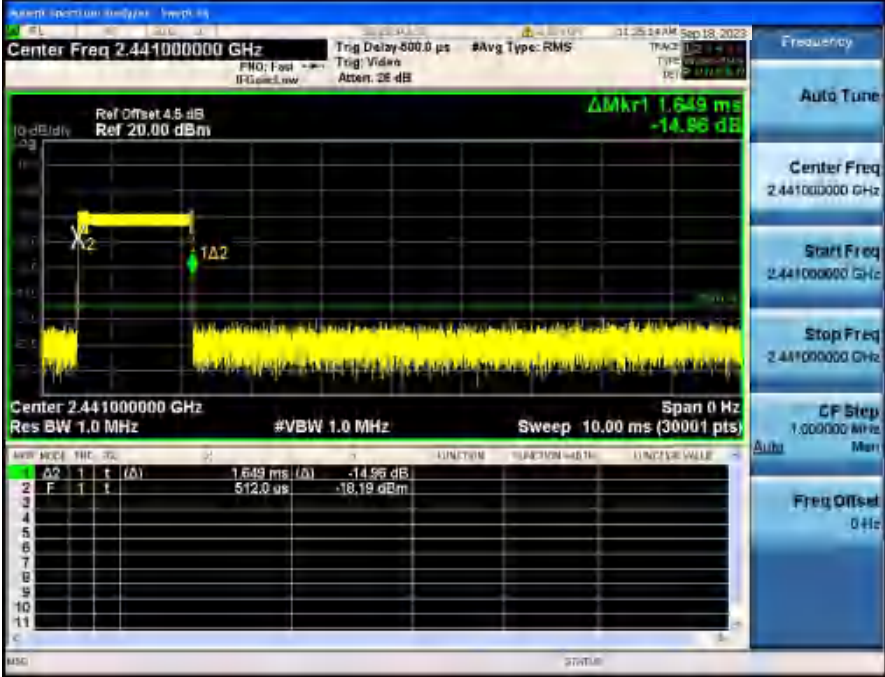
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2402_One_Burst_Time



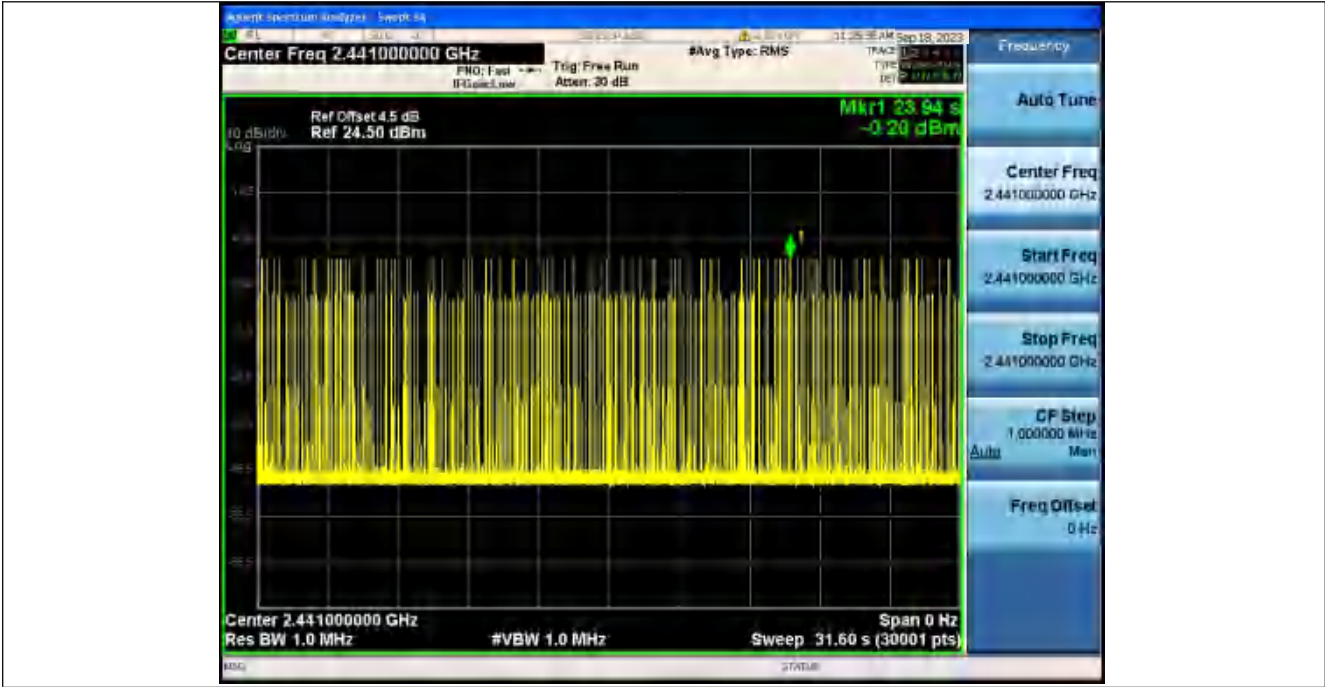
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2402_Accumulated



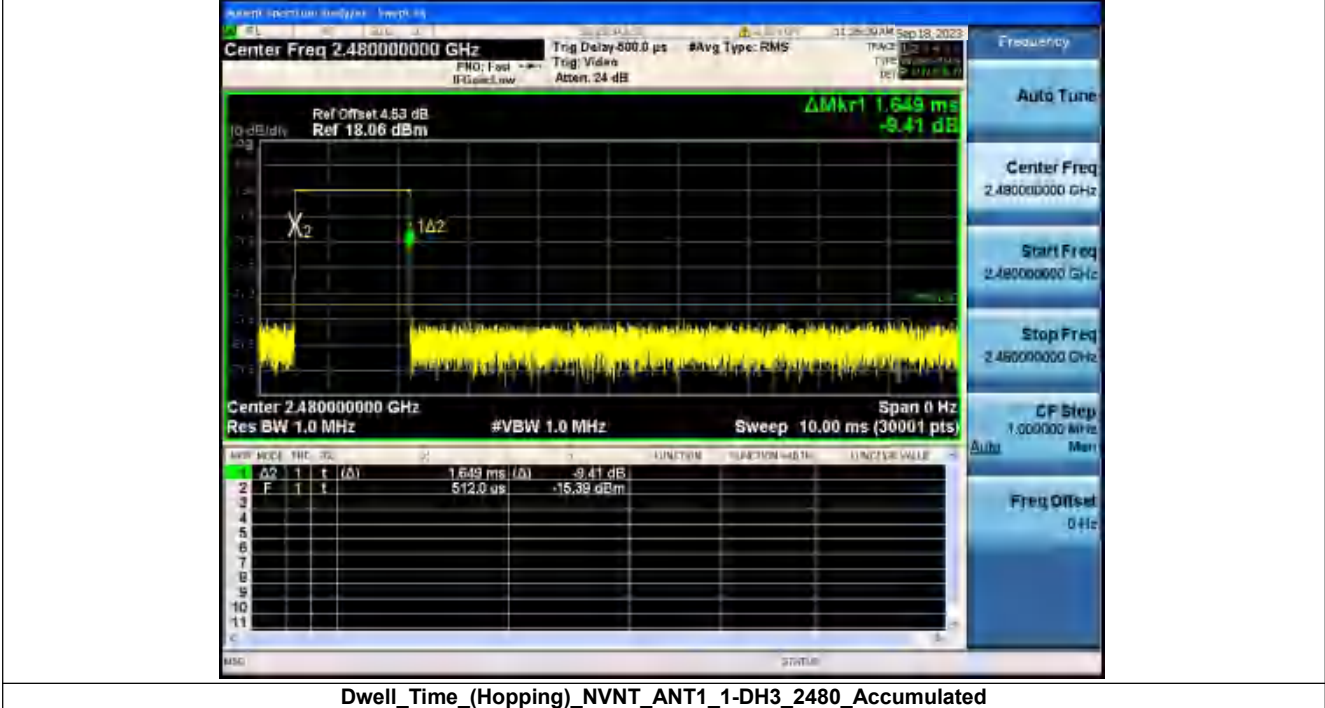
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_One_Burst_Time



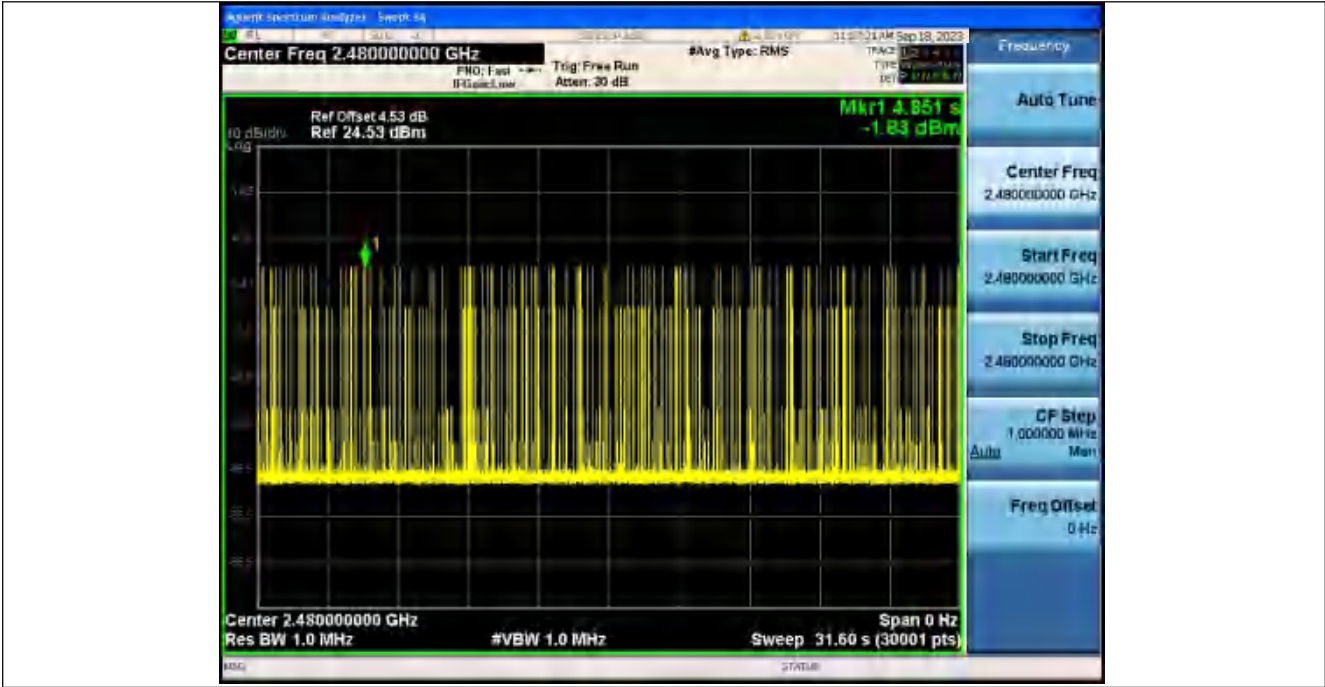
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_Accumulated



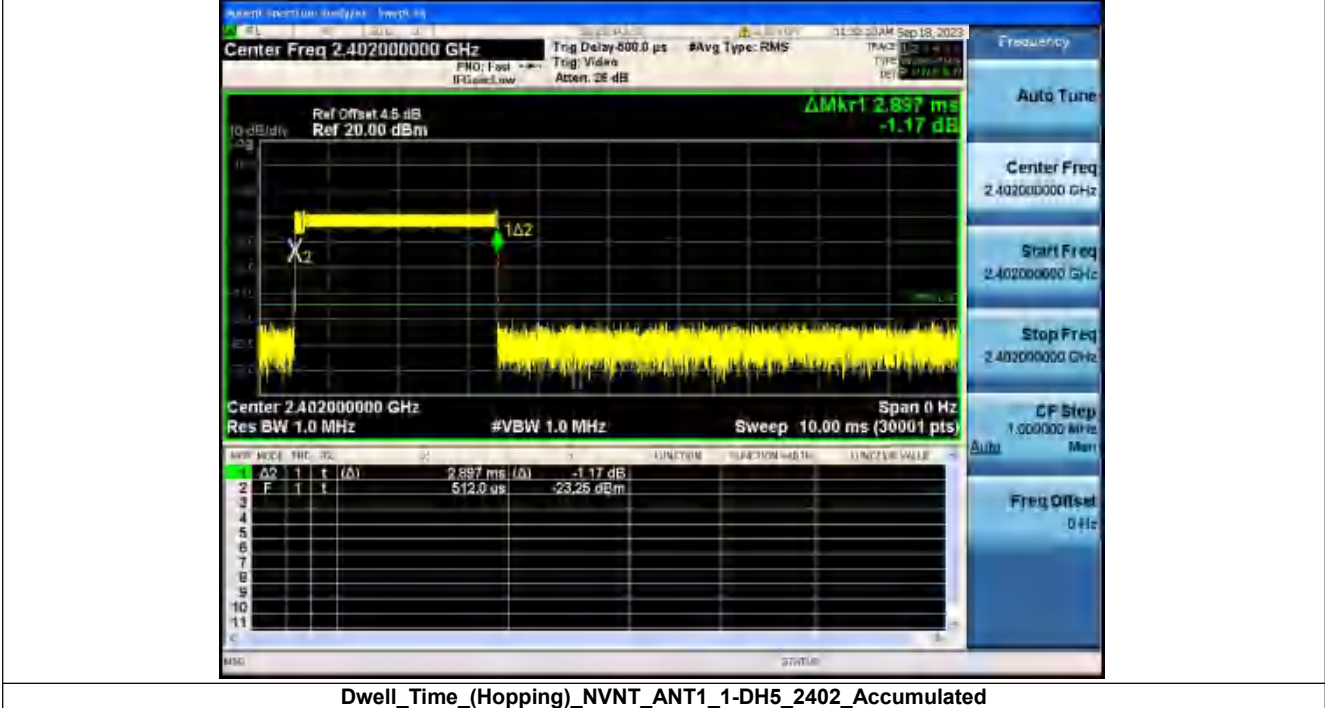
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2480_One_Burst_Time



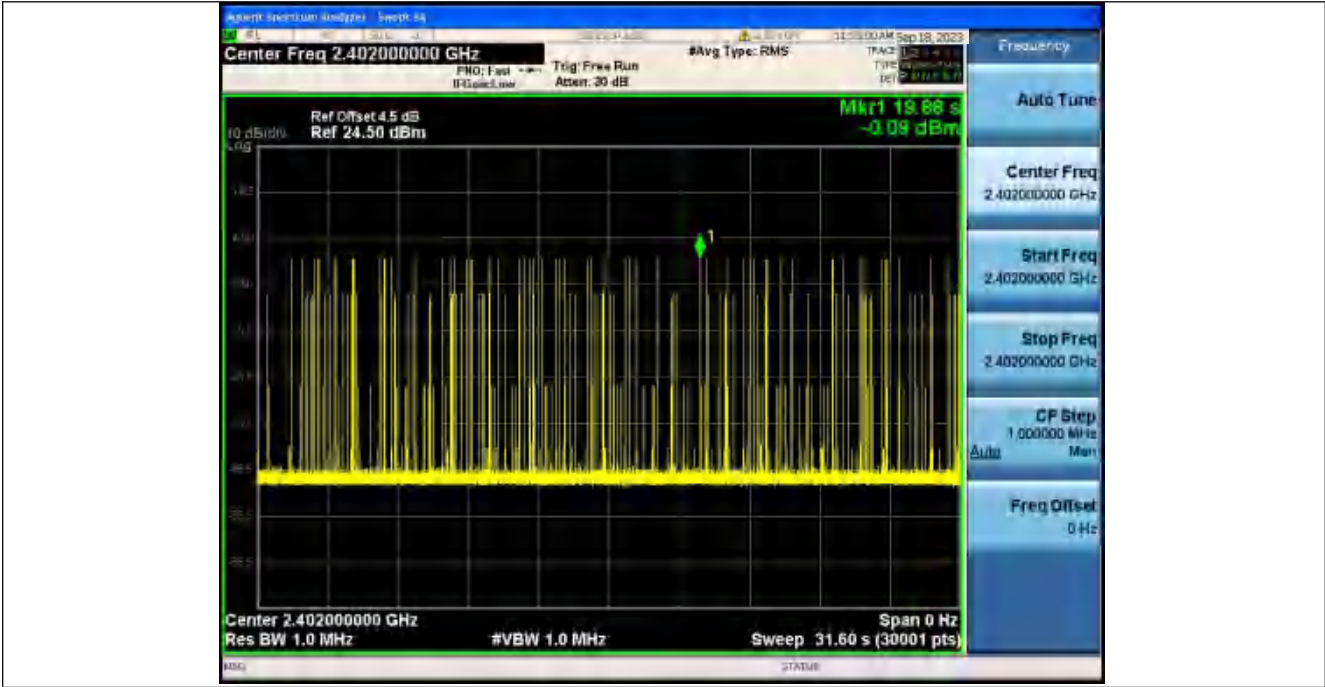
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2480_Accumulated



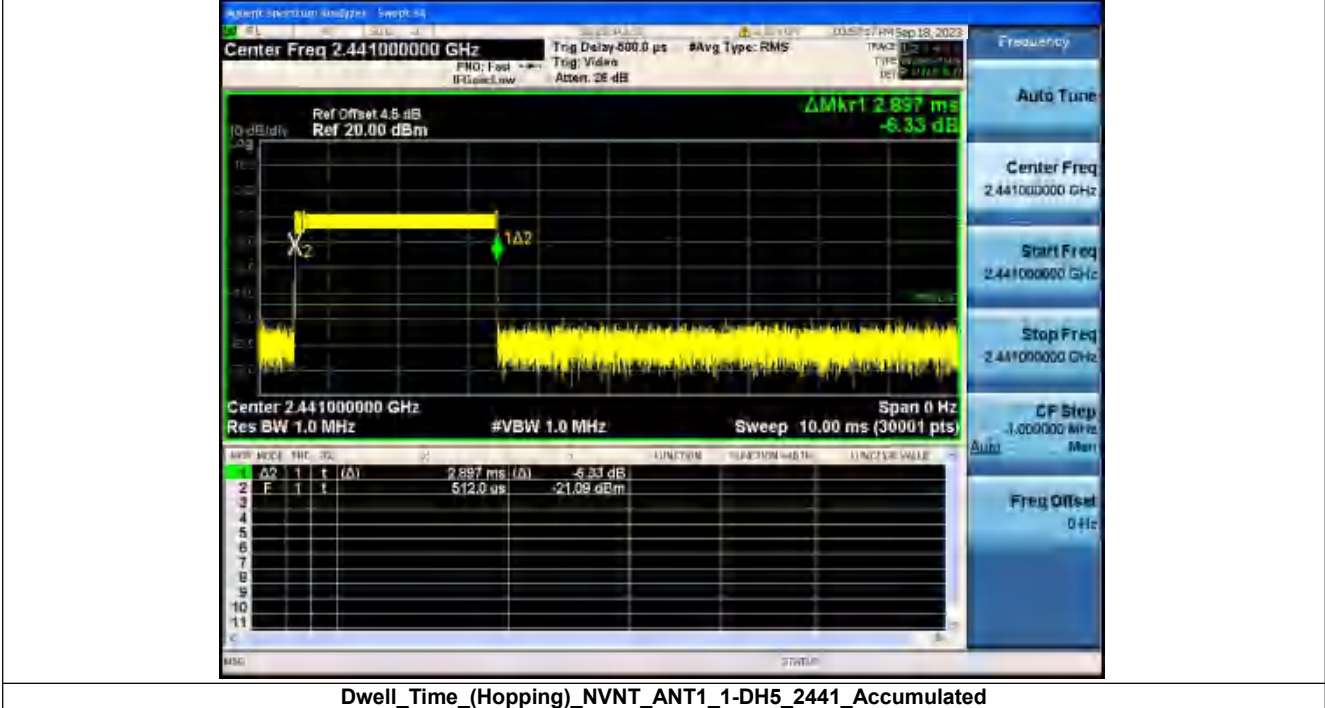
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2402_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2402_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_One_Burst_Time



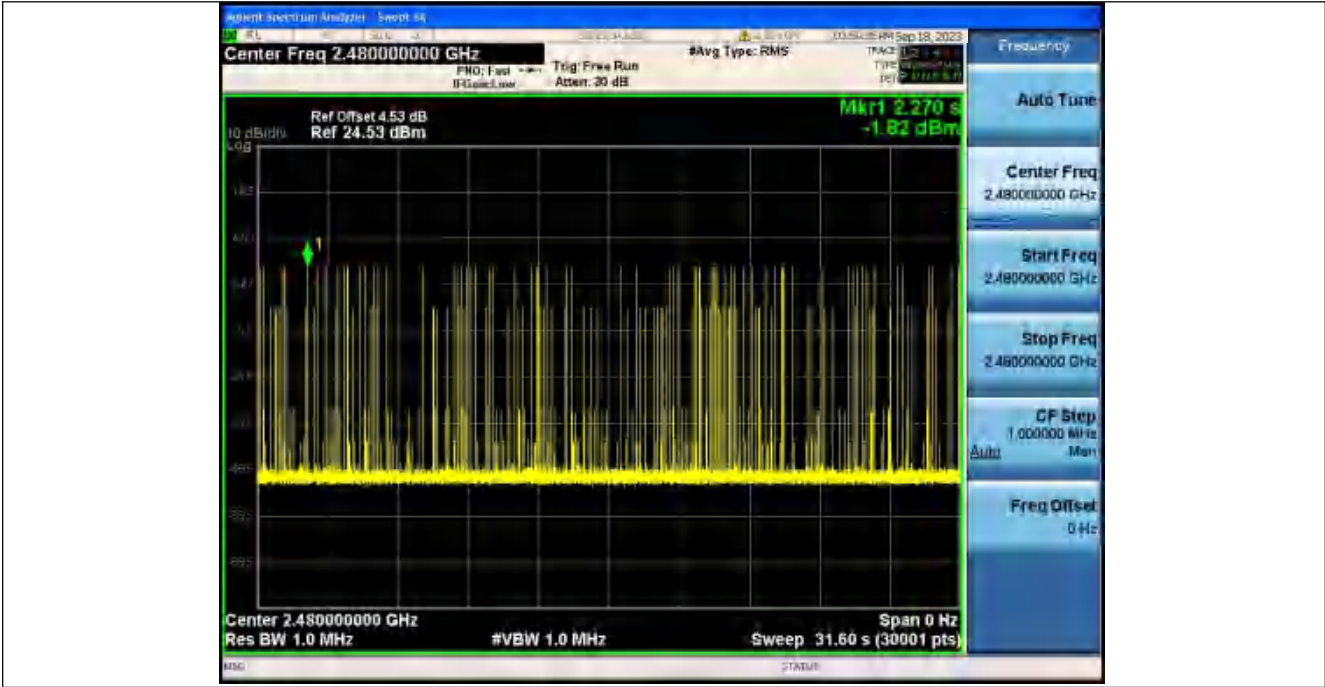
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_Accumulated

The screenshot shows a Spectrum Analyzer interface. At the top, the center frequency is 2.480000000 GHz. The plot area shows a signal trace with a peak at 2.48 GHz. The right-hand menu contains the following settings:

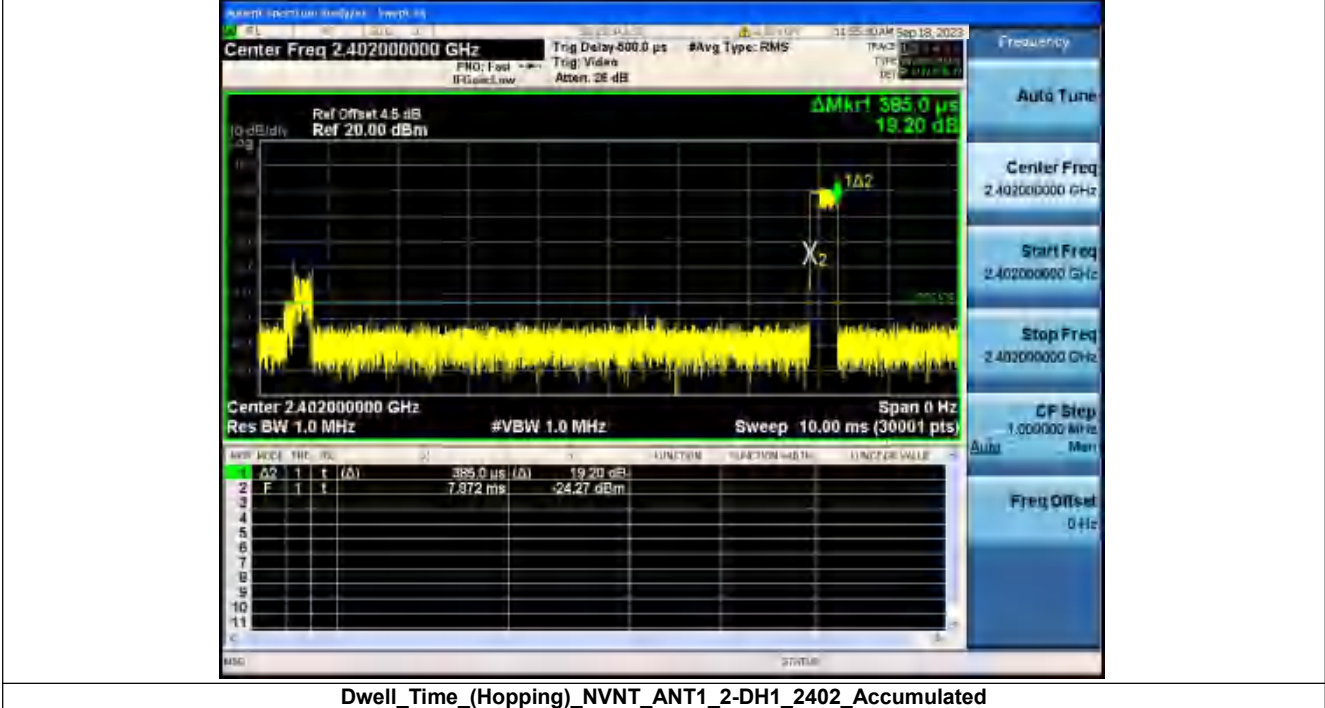
- Frequency: 2.480000000 GHz
- Auto Tune
- Center Freq: 2.480000000 GHz
- Start Freq: 2.480000000 GHz
- Stop Freq: 2.480000000 GHz
- CF Step: 1.000000 MHz
- Auto
- Man
- Freq Offset: 0 Hz

The measurement data table at the bottom of the plot area is as follows:

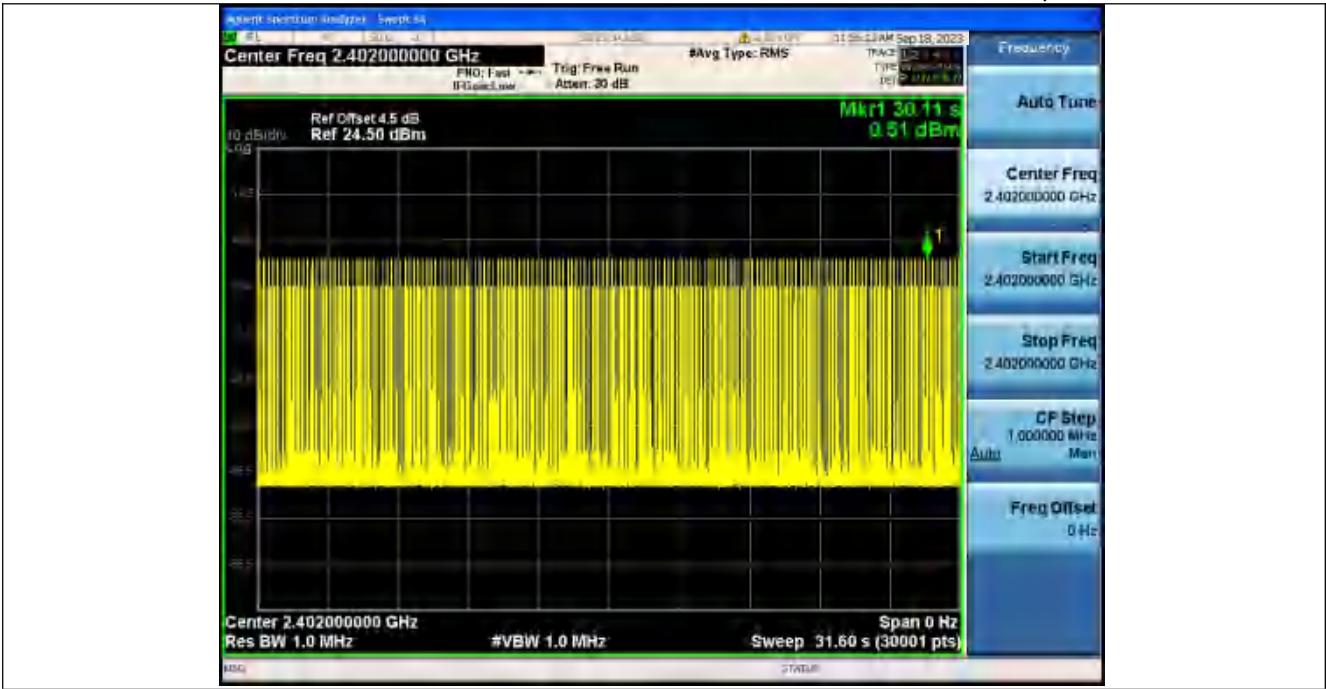
ROW	MODE	TRIG.	VAL.	UNIT	FUNCTION	FUNCTION VAL.	FUNCTION VAL.
1	A2	t	t	(A)	2.897 ms	(A)	-18.59 dB
2	F	t	t		512.0 us		-11.41 dBm
3							
4							
5							
6							
7							
8							
9							
10							
11							



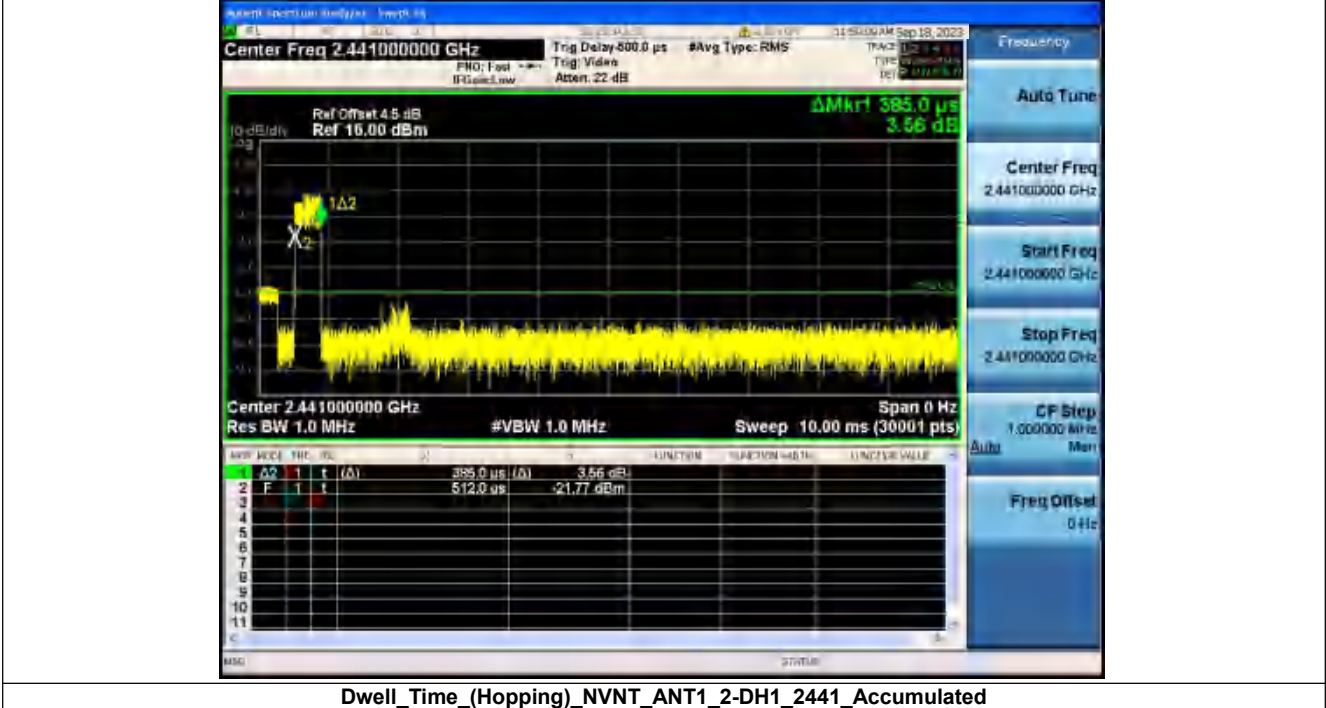
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2402_One_Burst_Time



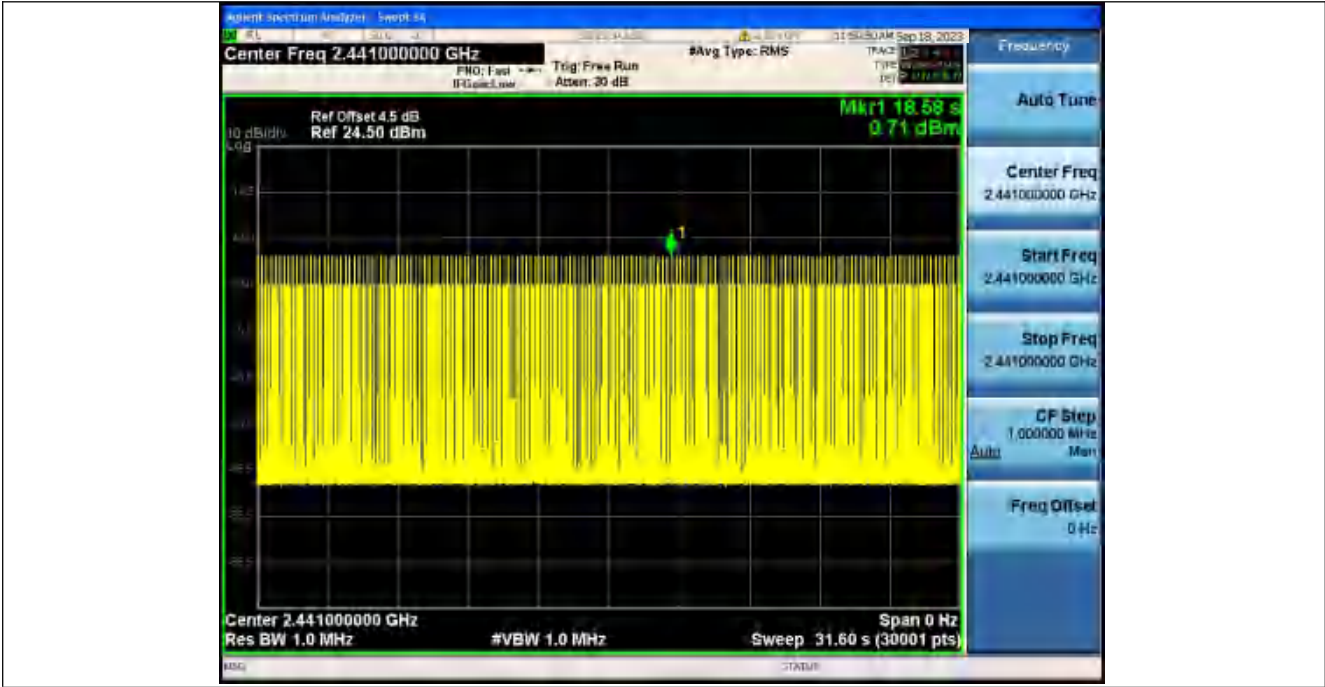
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2402_Accumulated



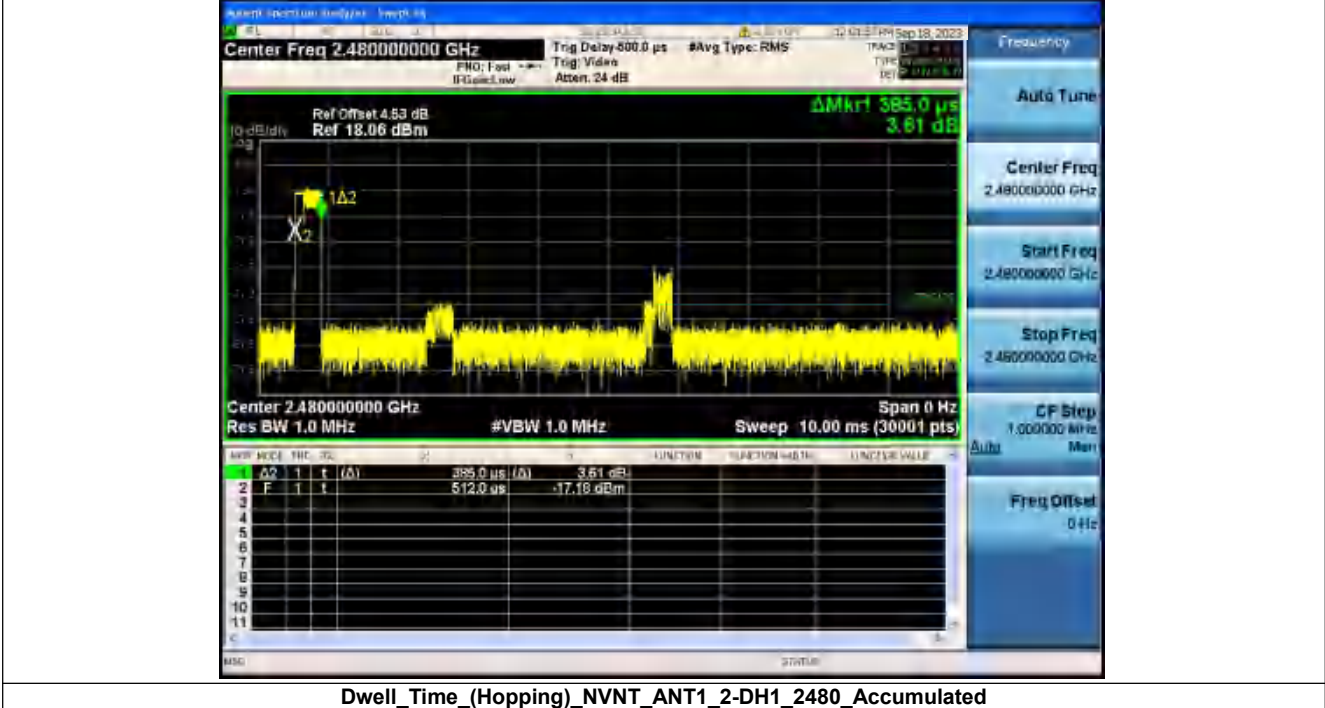
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_One_Burst_Time



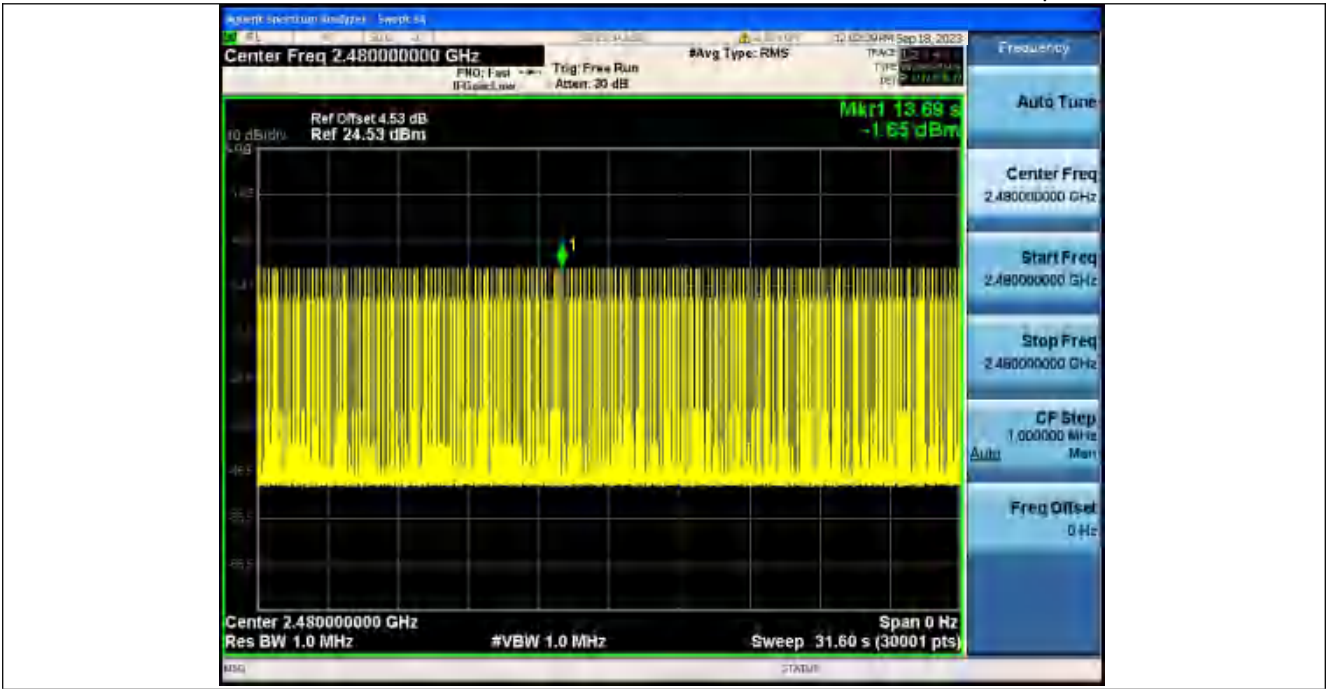
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_Accumulated



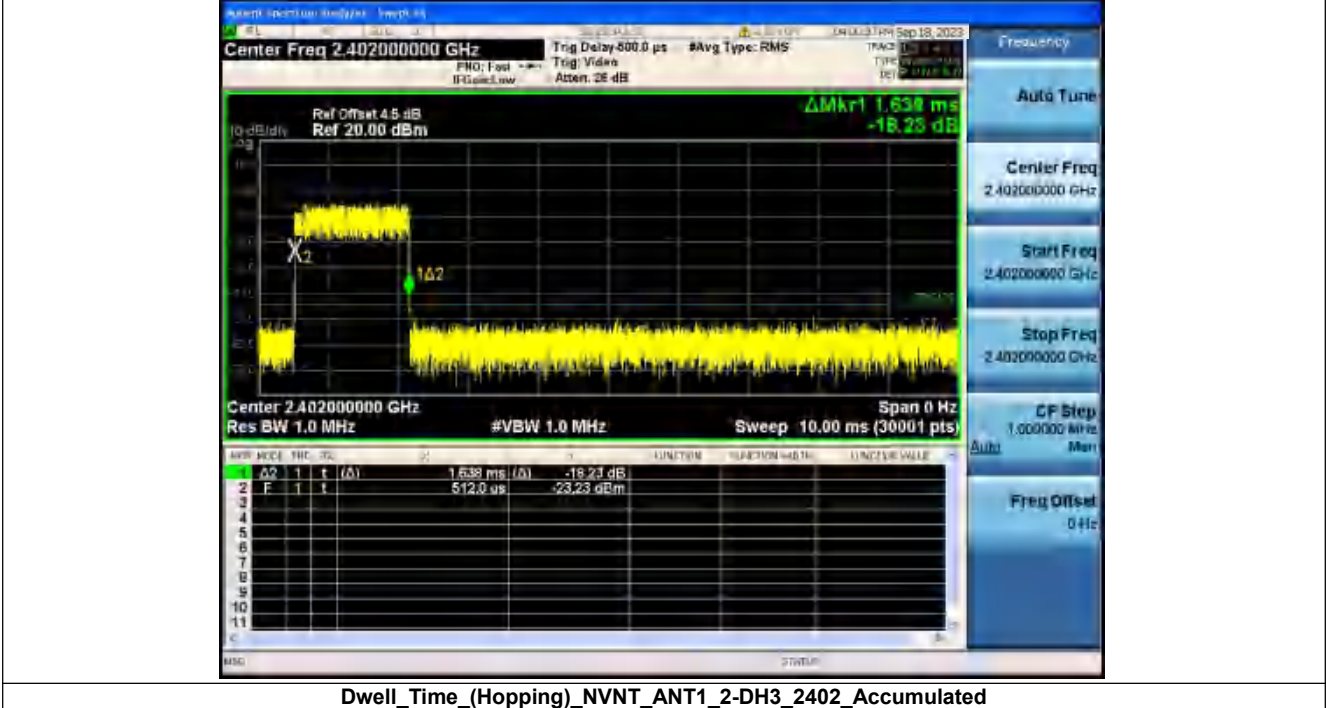
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2480_One_Burst_Time



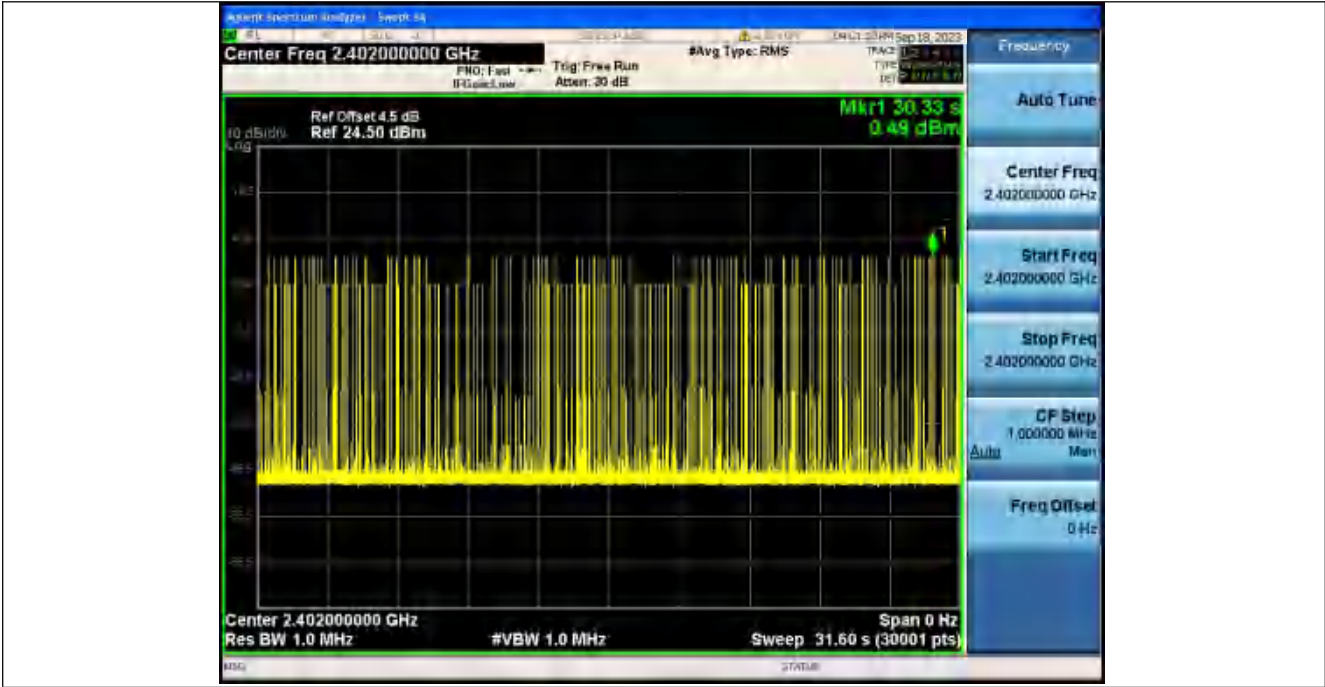
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2480_Accumulated



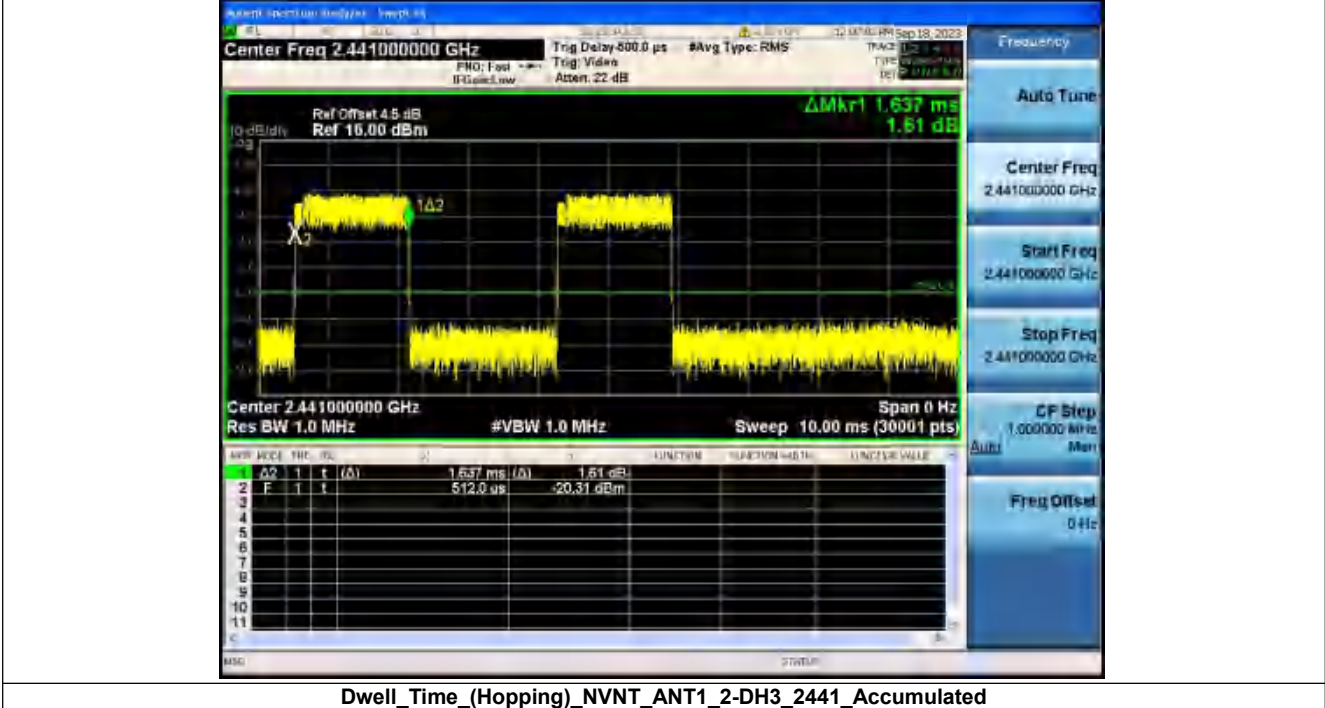
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2402_One_Burst_Time



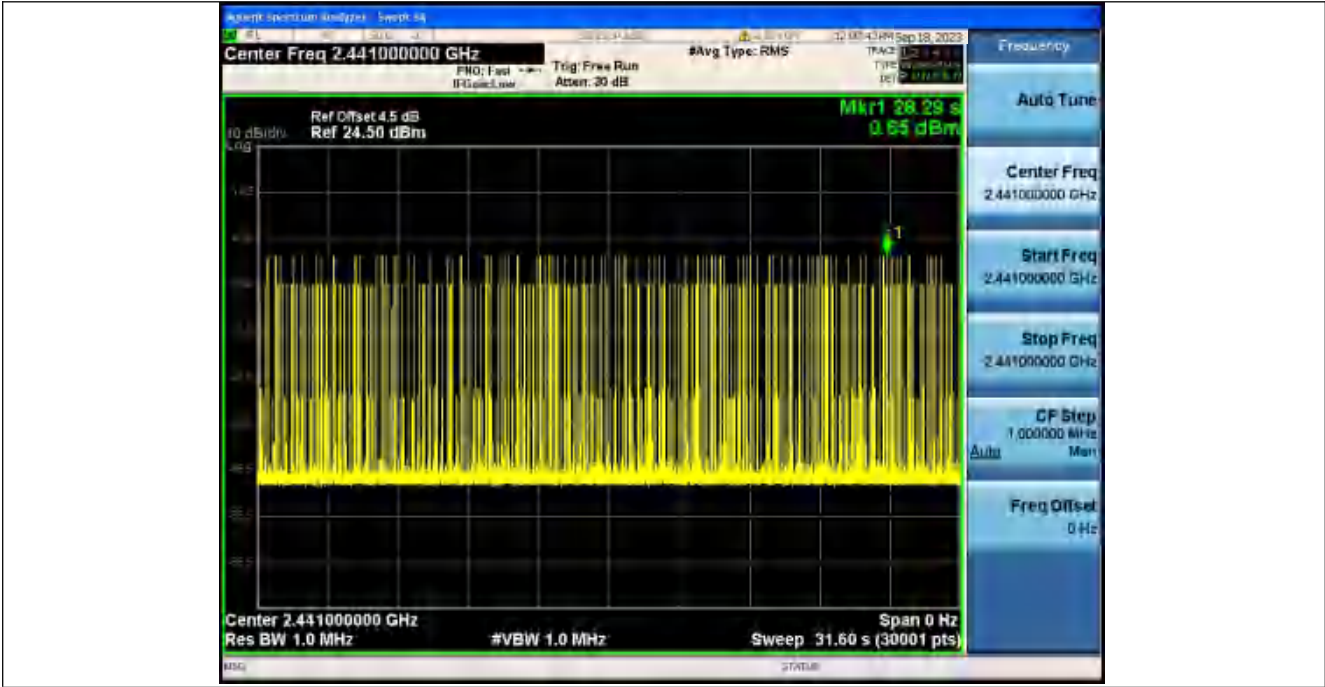
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2402_Accumulated



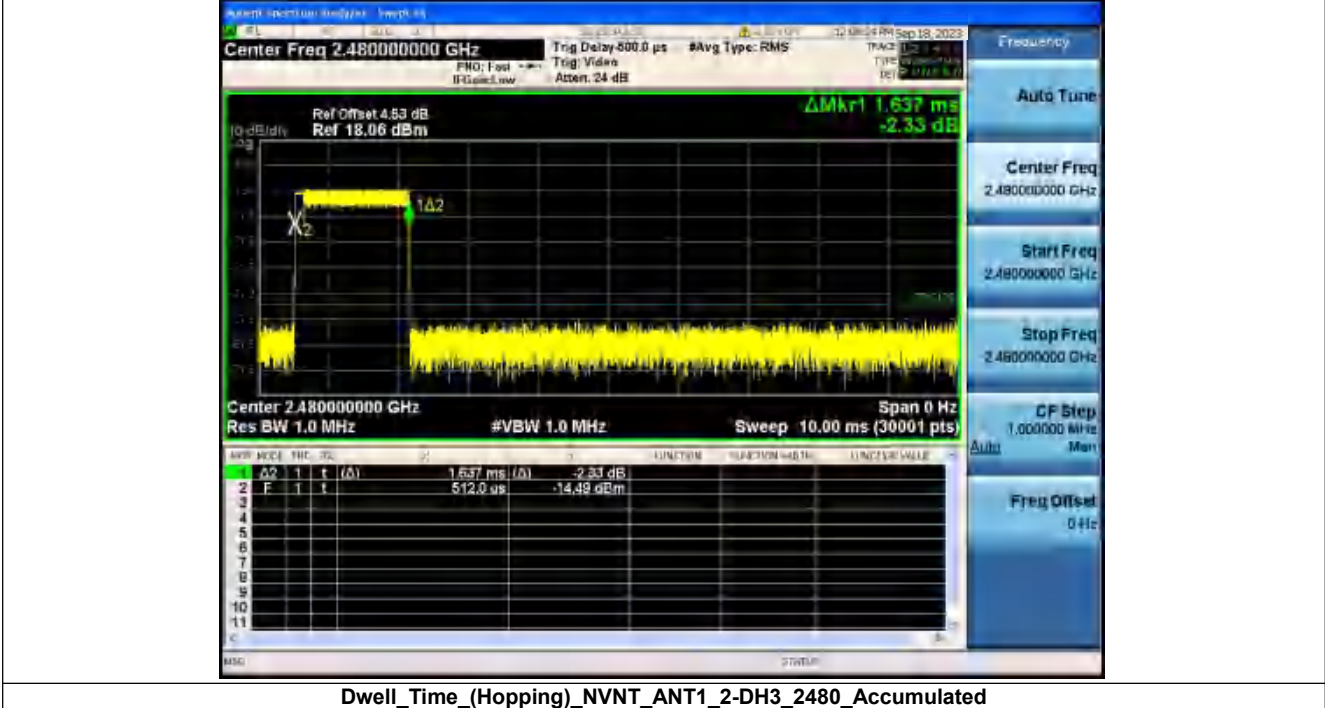
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_One_Burst_Time



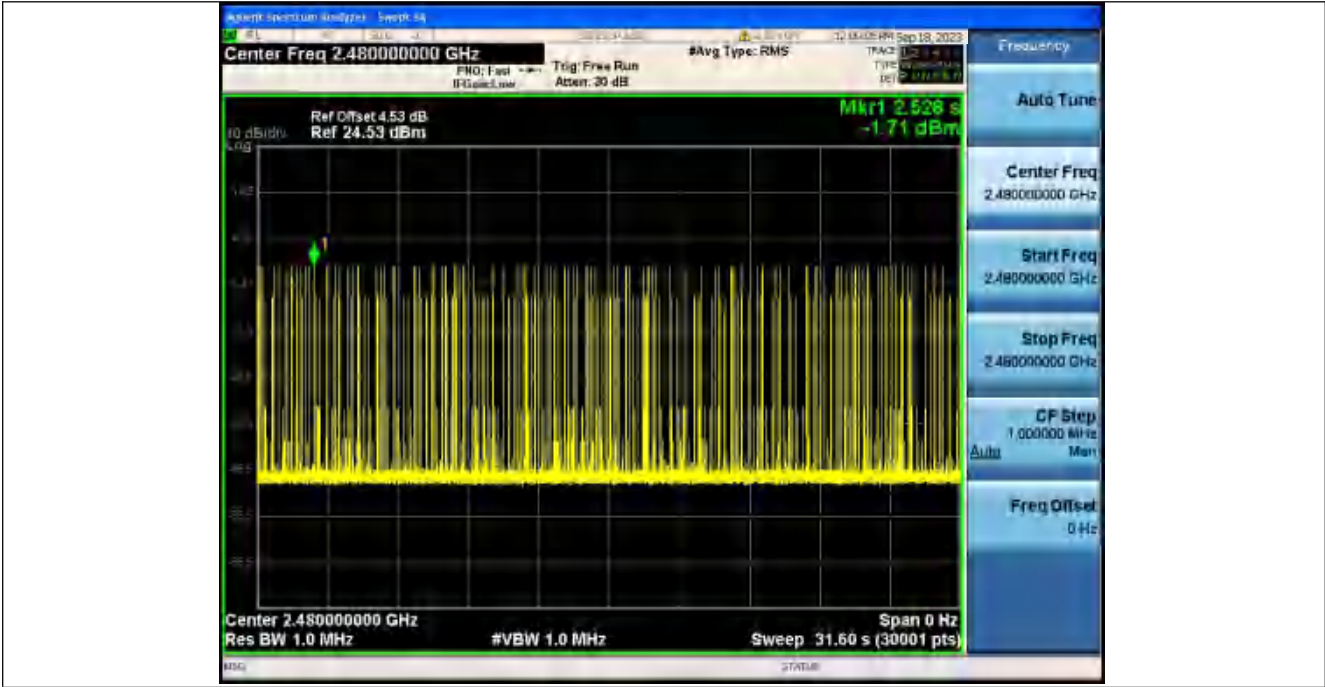
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_Accumulated



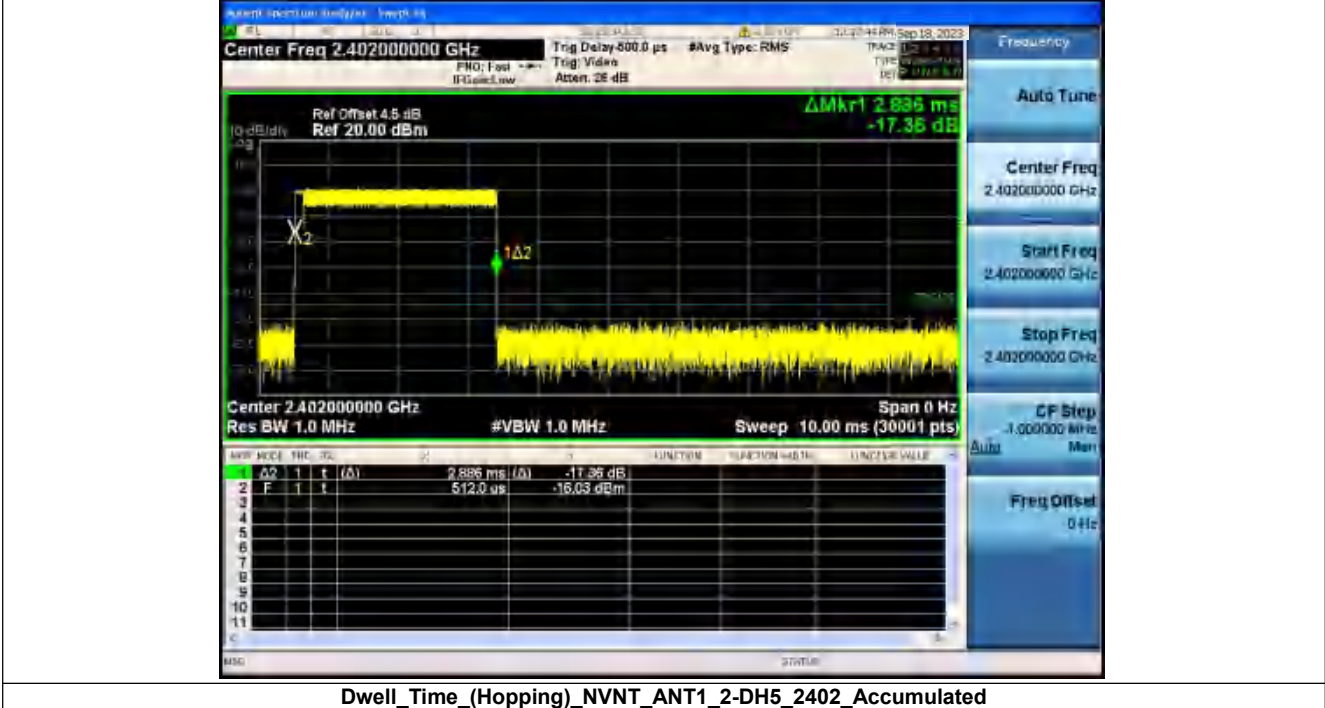
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2480_One_Burst_Time



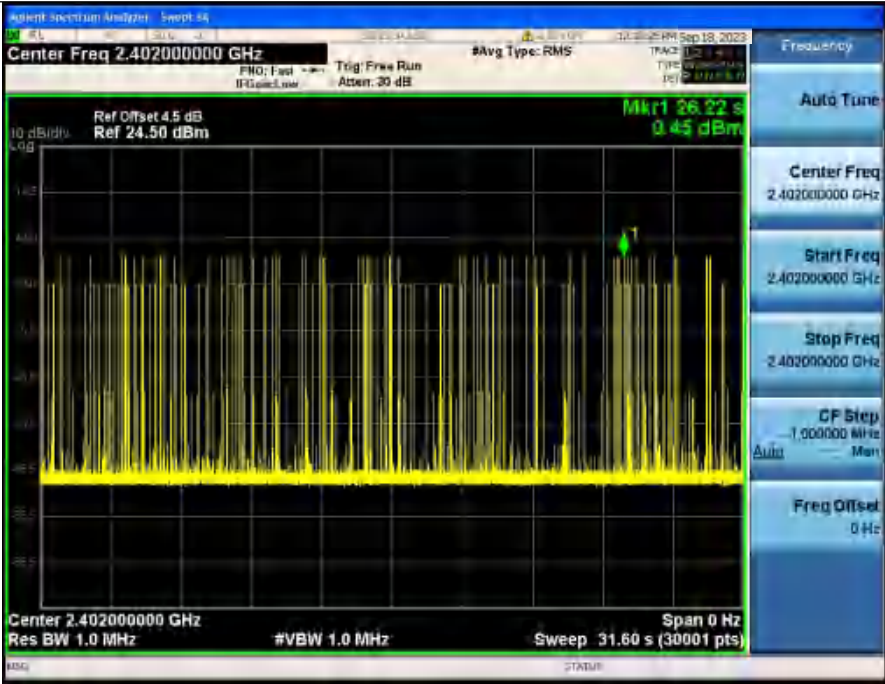
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2480_Accumulated



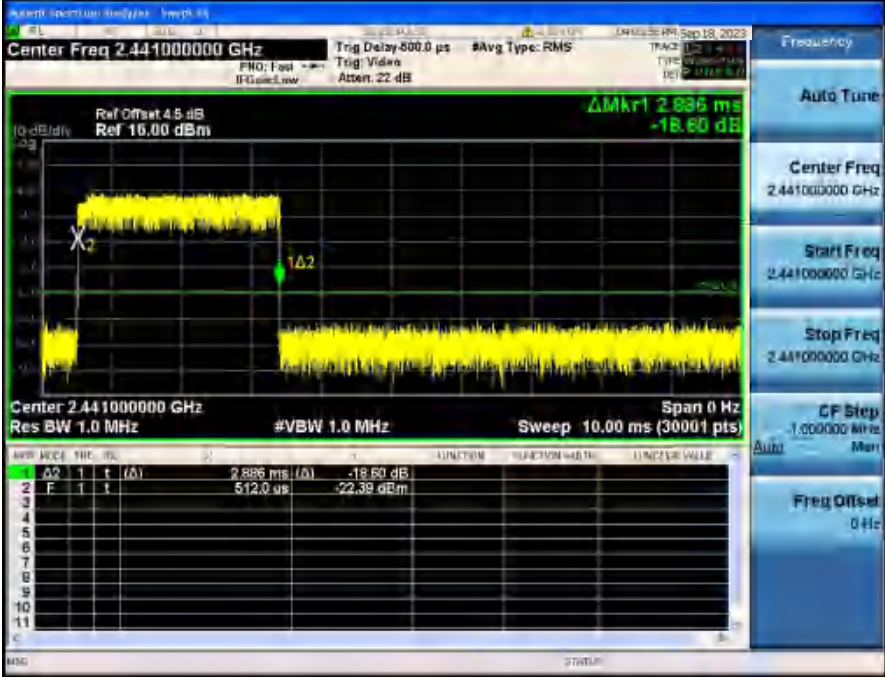
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2402_One_Burst_Time



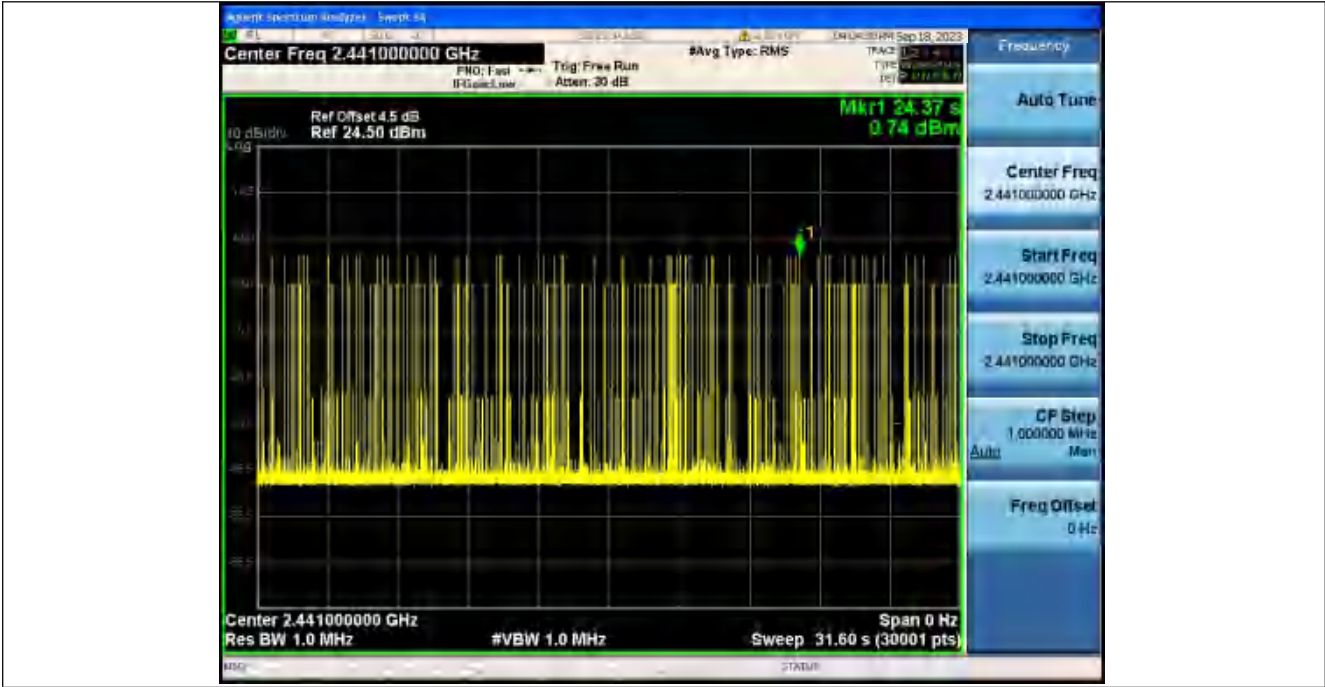
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2402_Accumulated



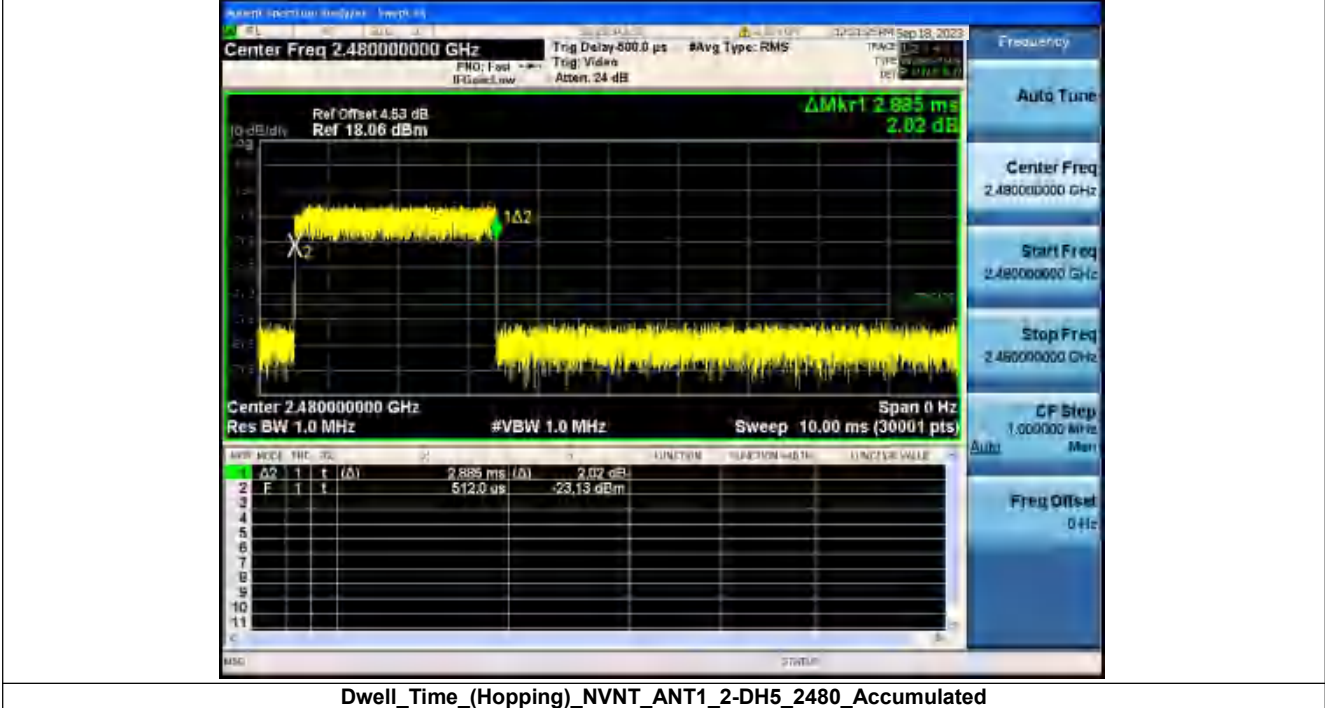
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_One_Burst_Time



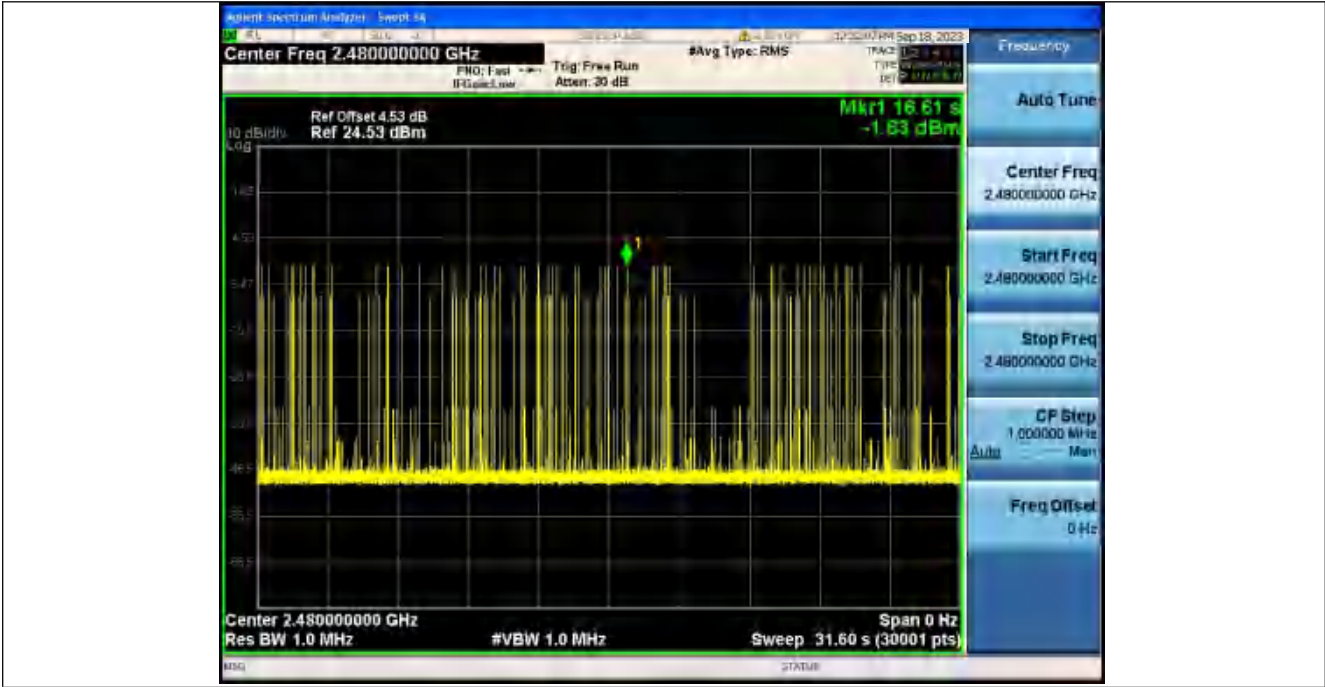
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_Accumulated



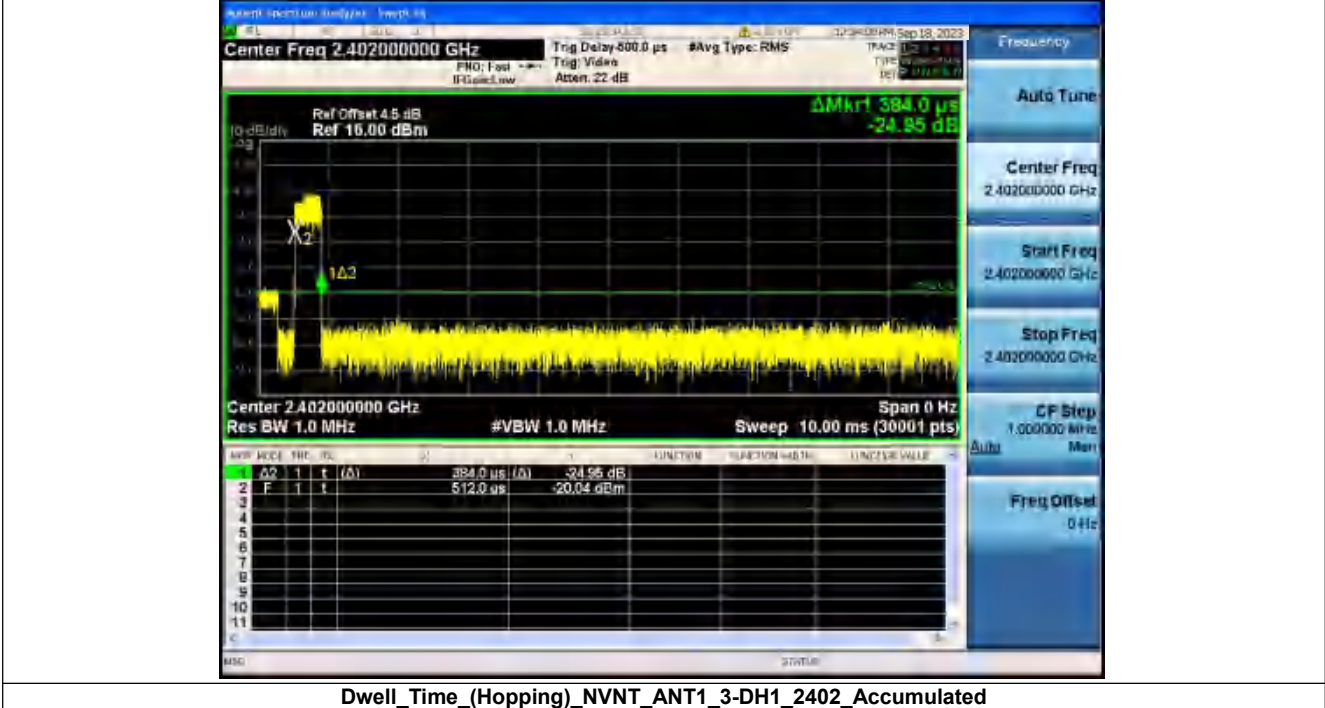
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2480_One_Burst_Time



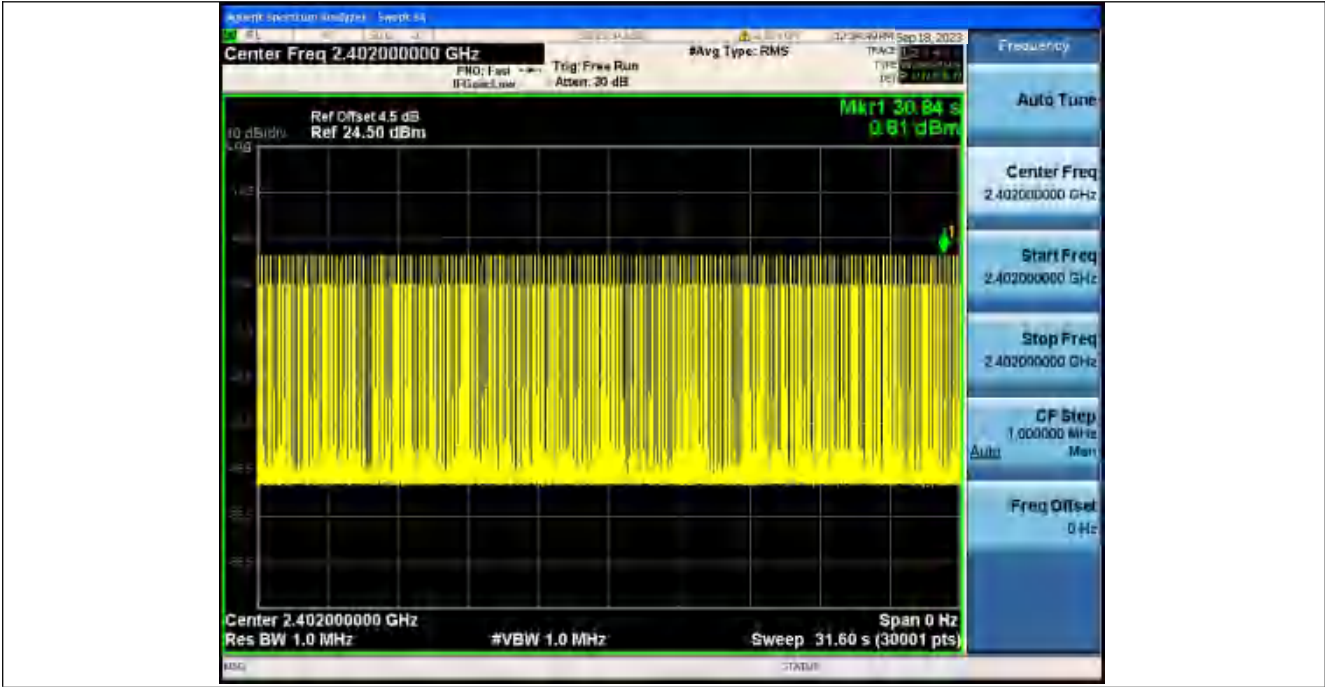
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2480_Accumulated



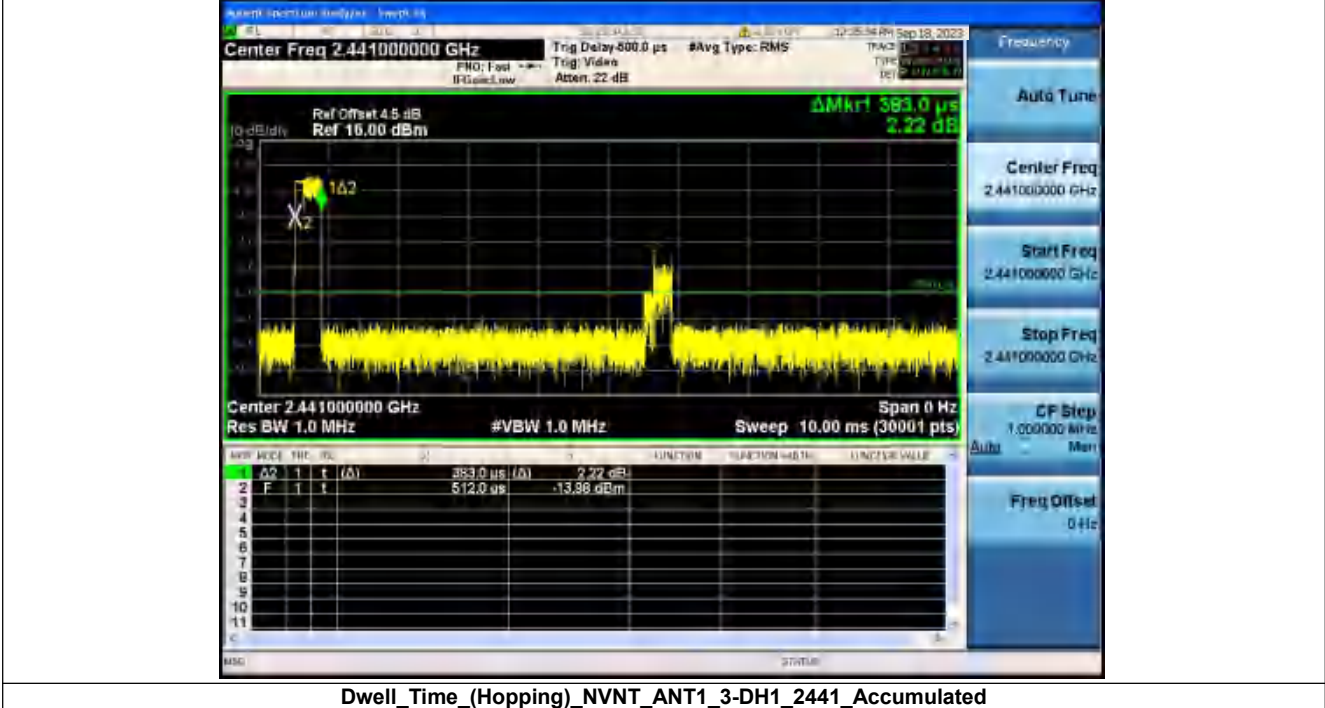
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2402_One_Burst_Time



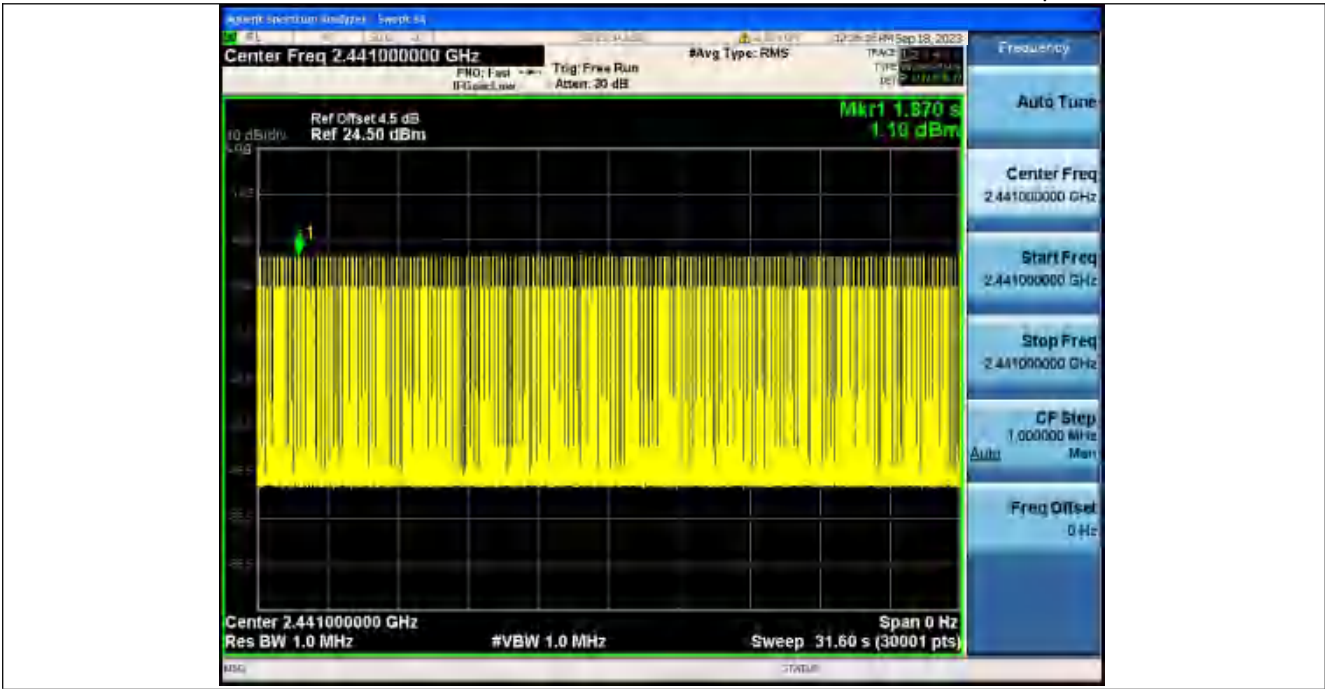
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2402_Accumulated



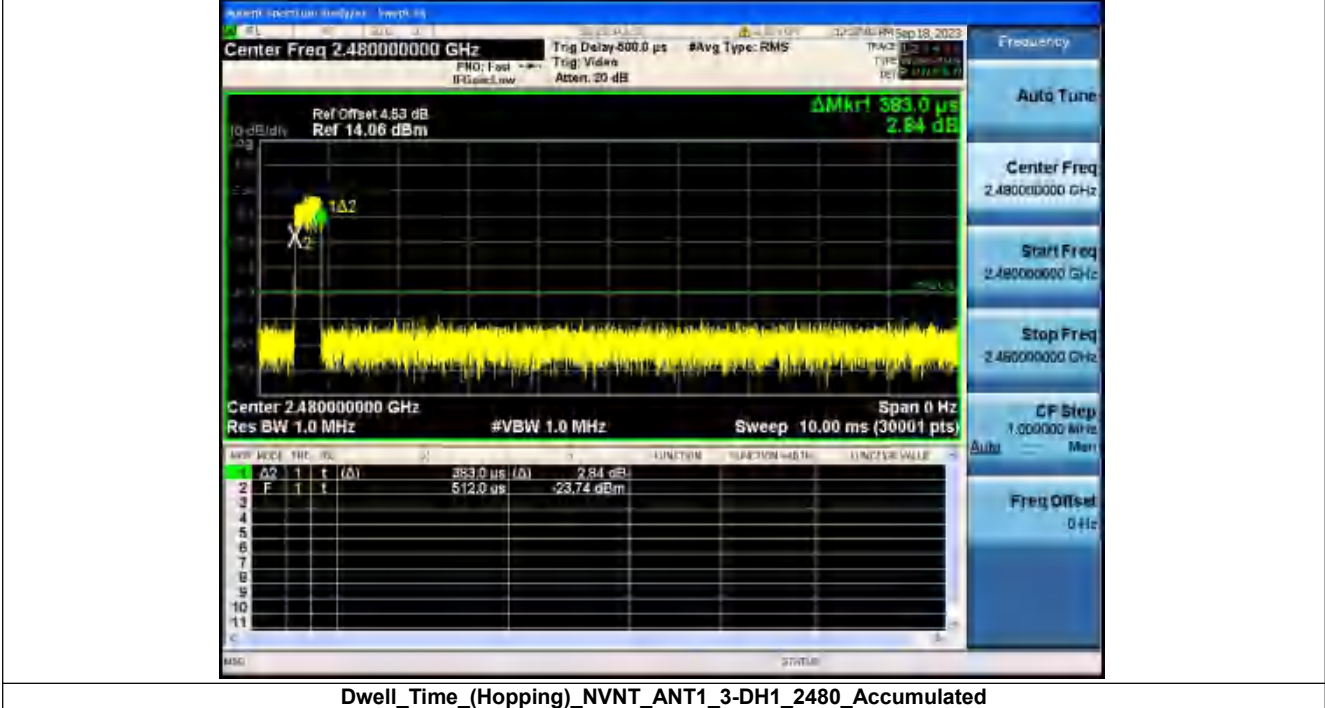
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_One_Burst_Time



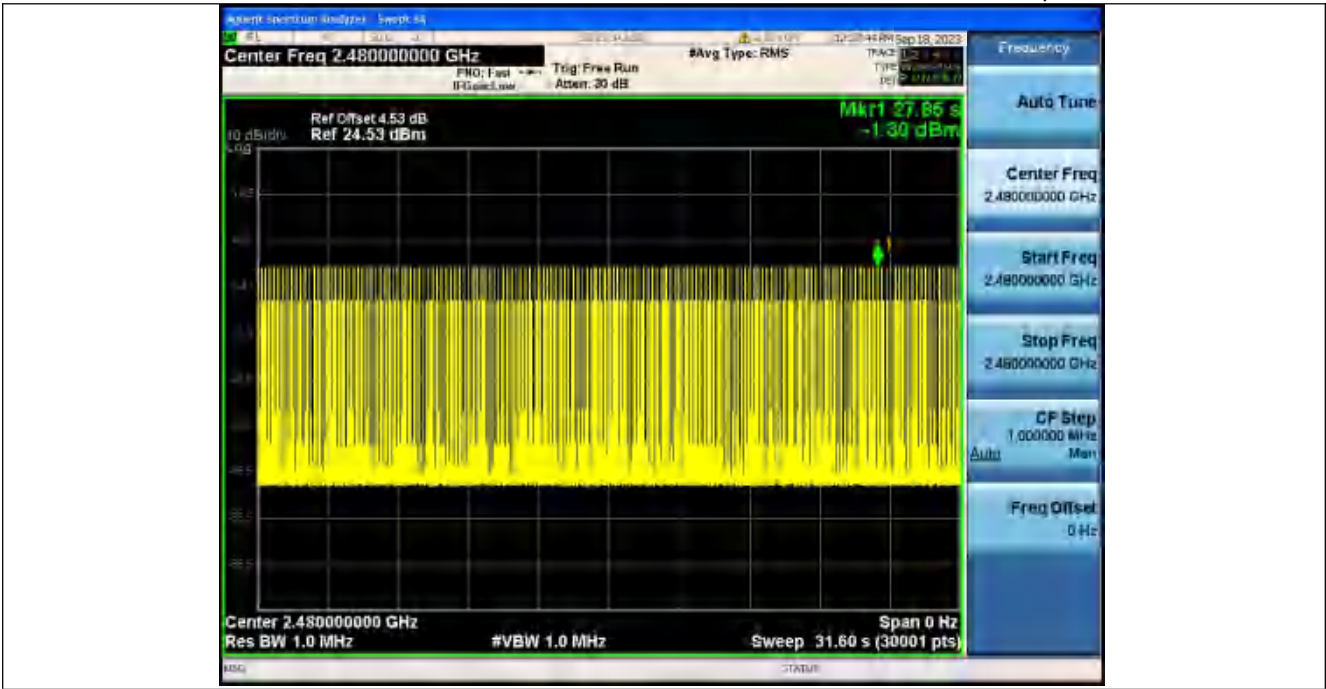
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_Accumulated



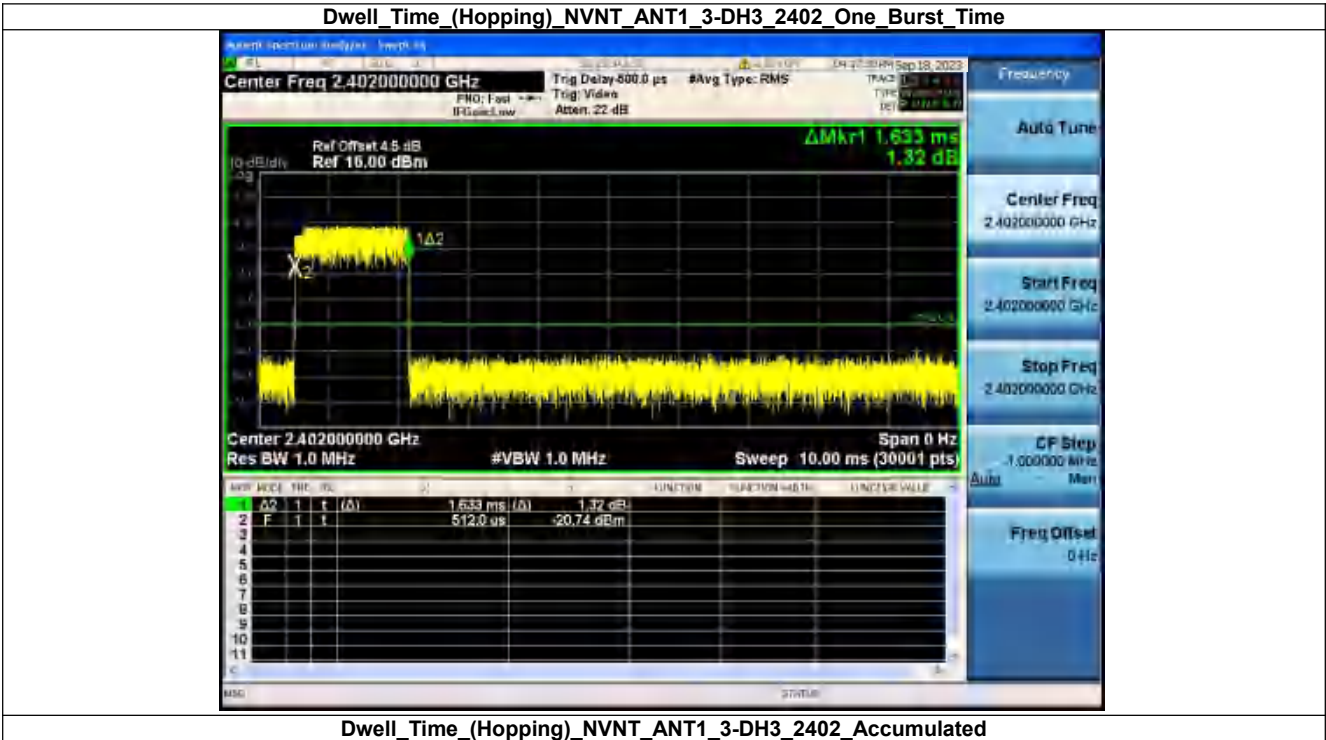
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2480_One_Burst_Time



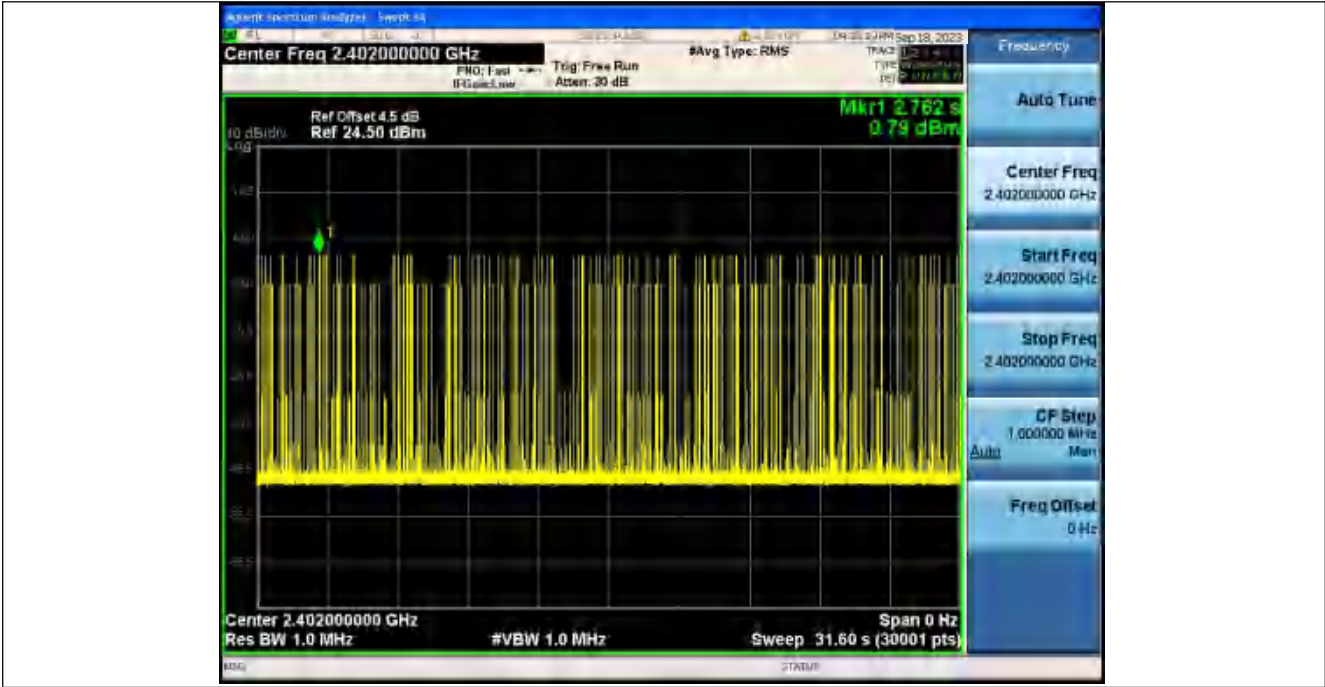
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2480_Accumulated



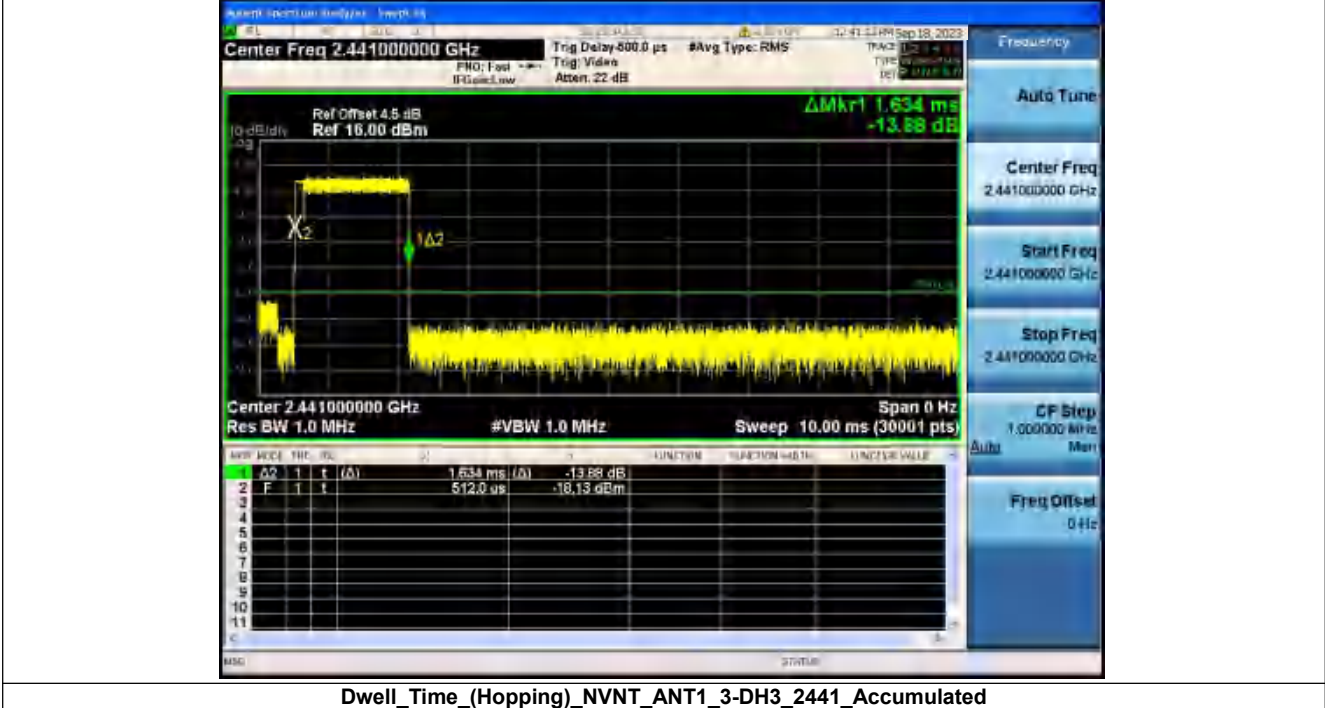
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2402_One_Burst_Time



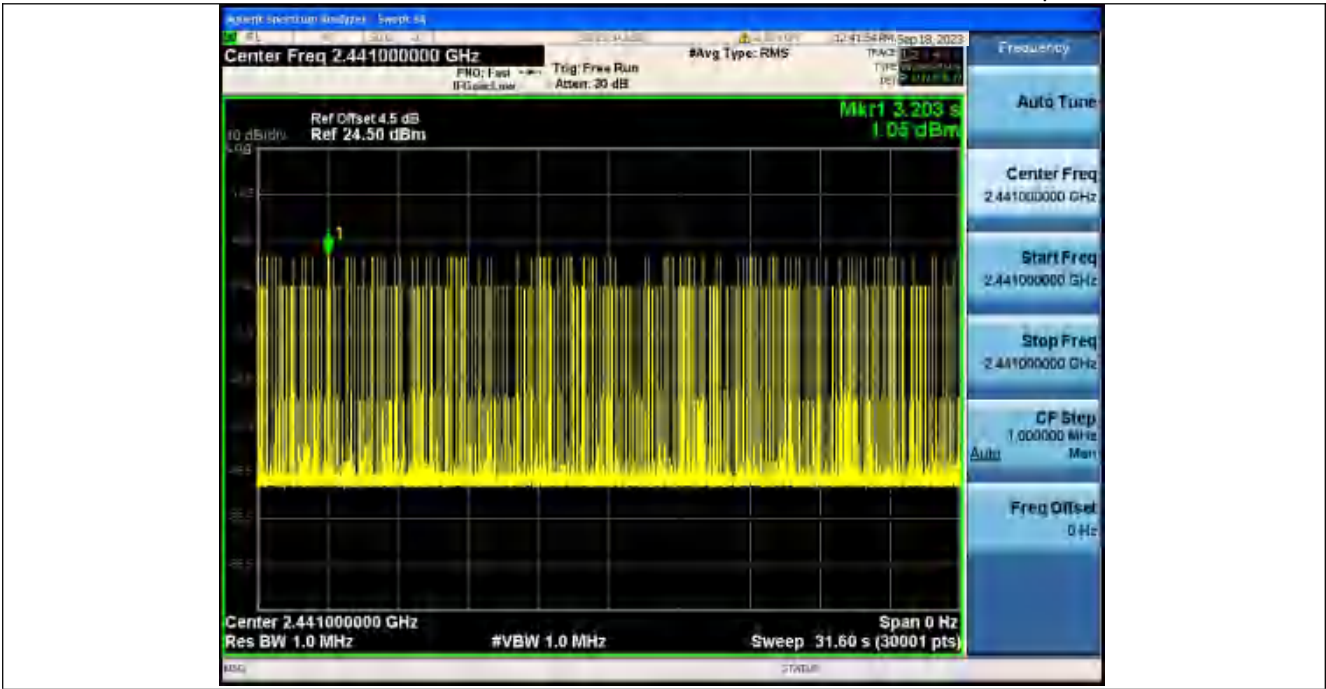
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2402_Accumulated



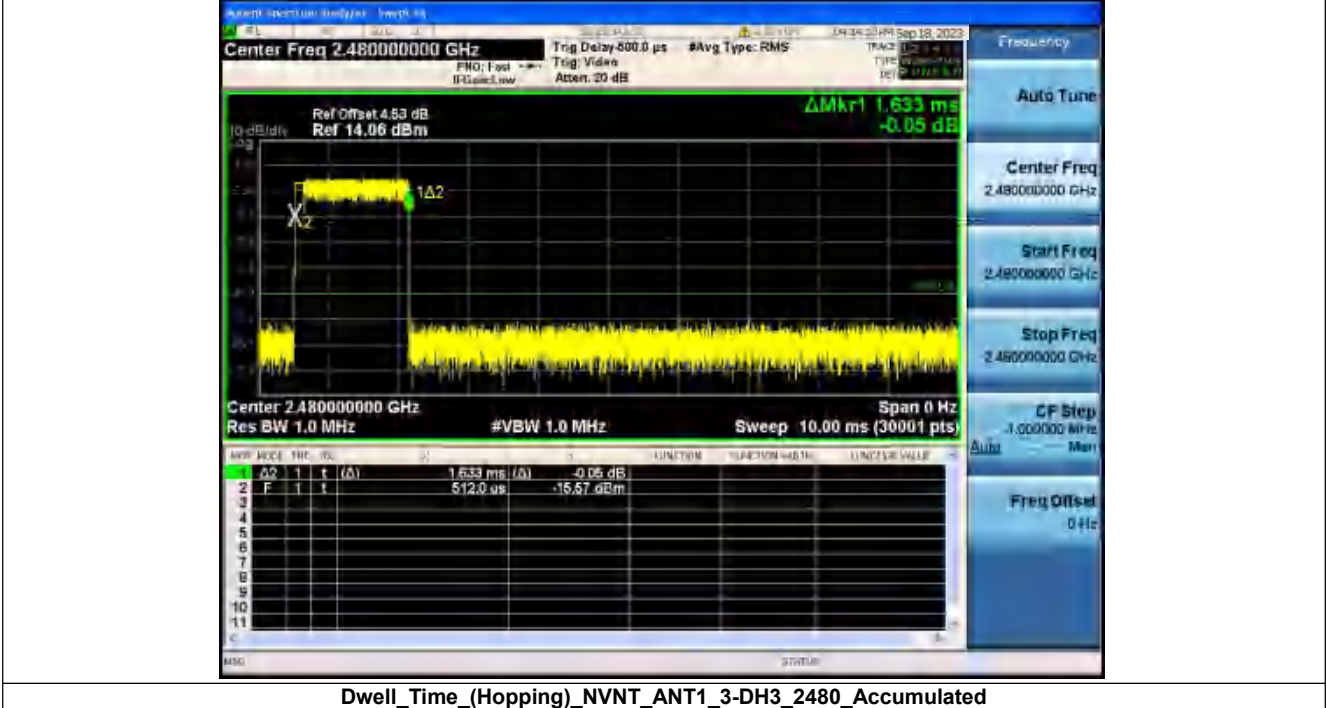
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_One_Burst_Time



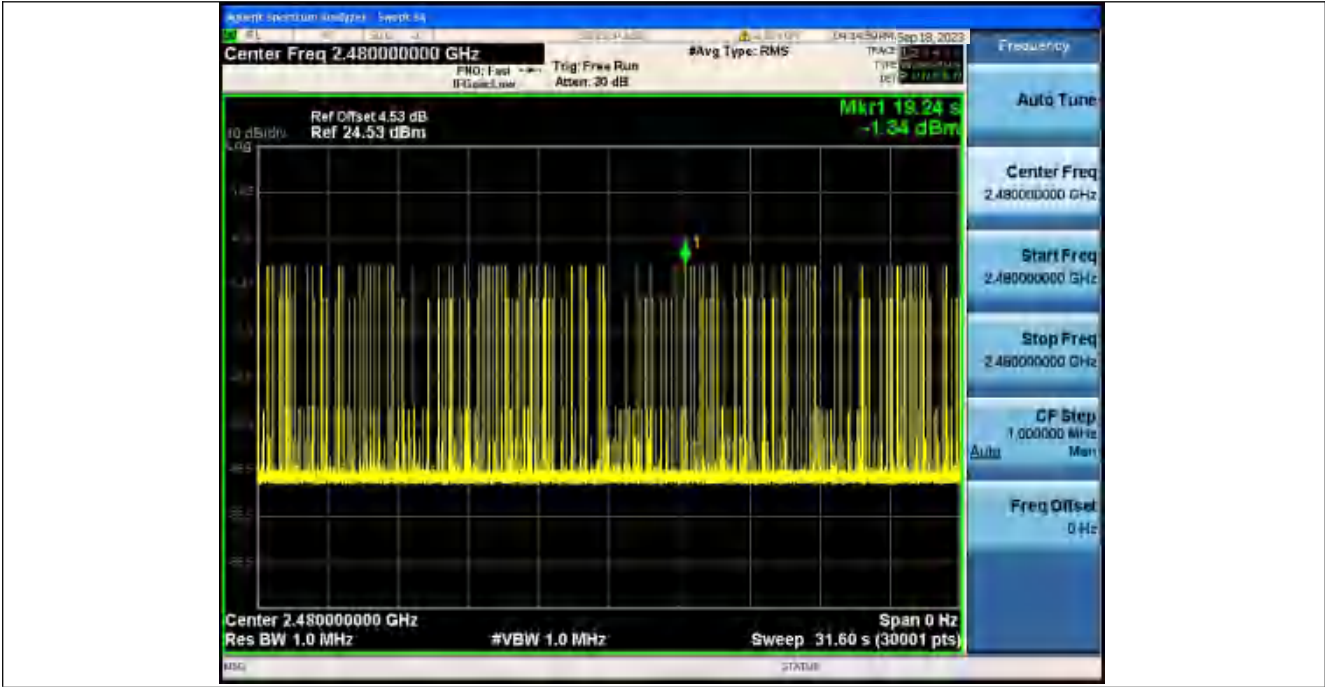
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_Accumulated



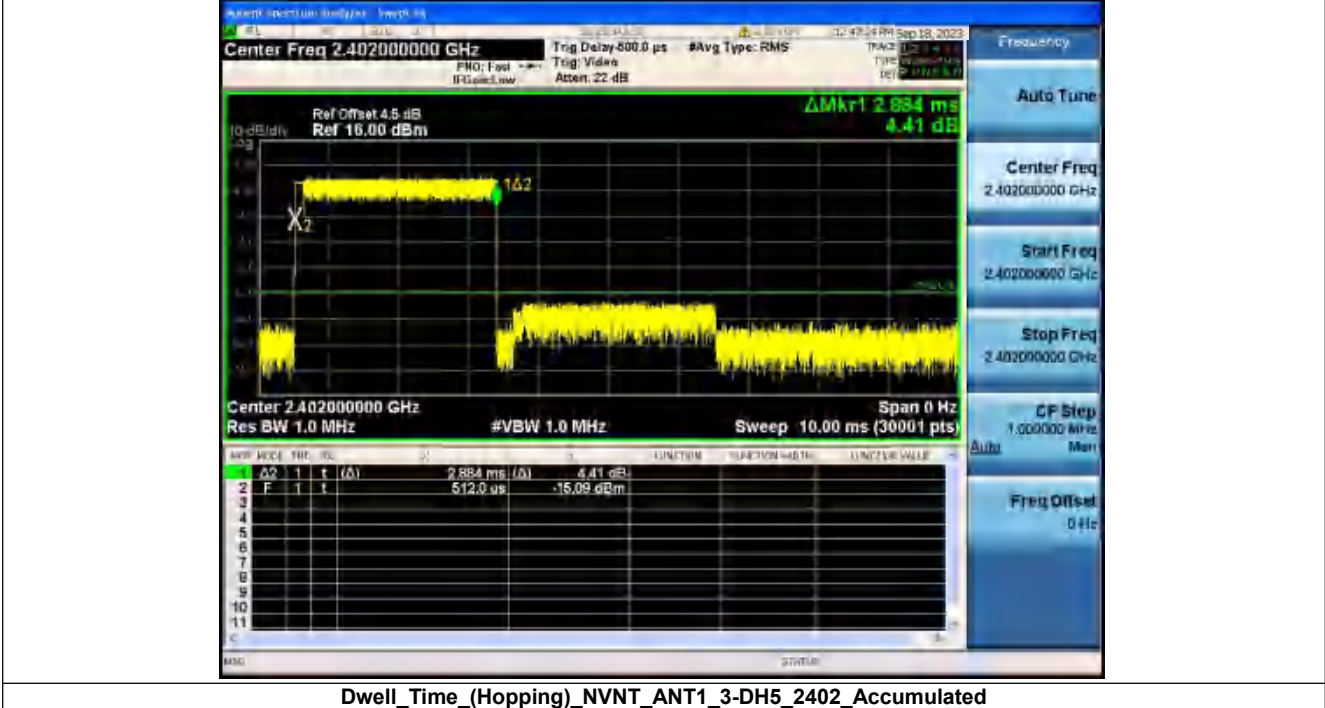
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2480_One_Burst_Time



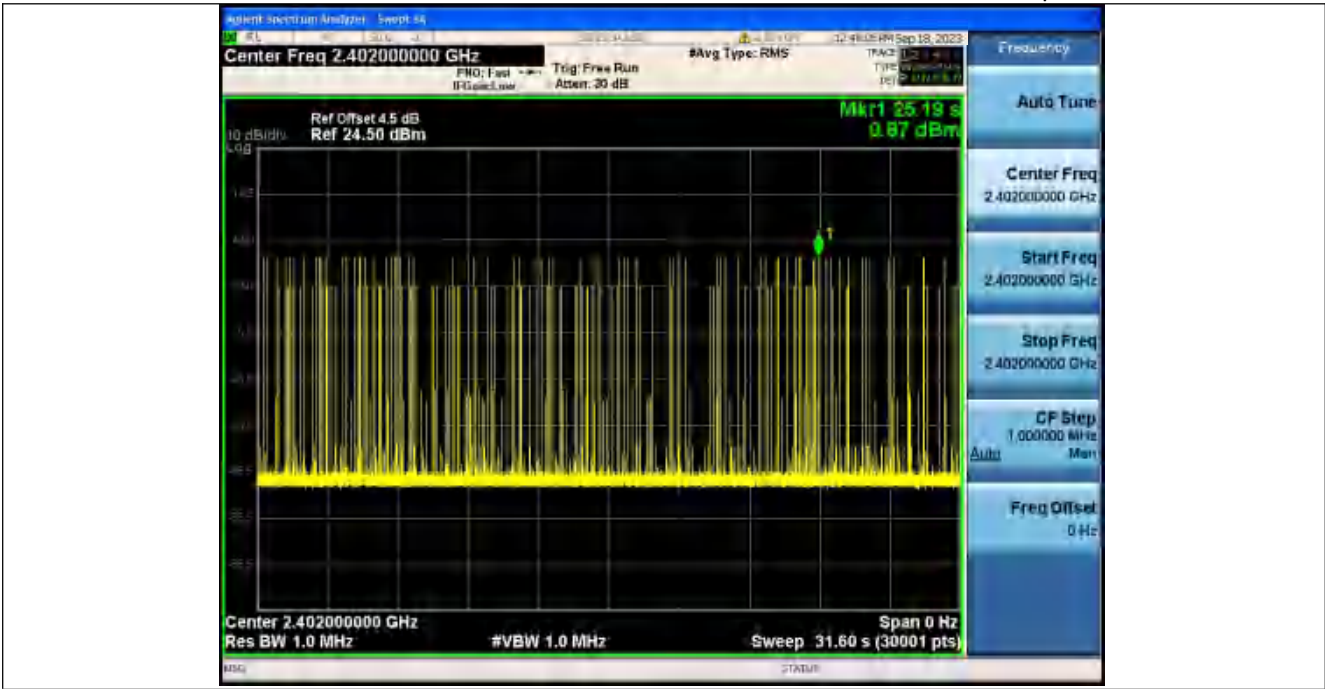
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2480_Accumulated



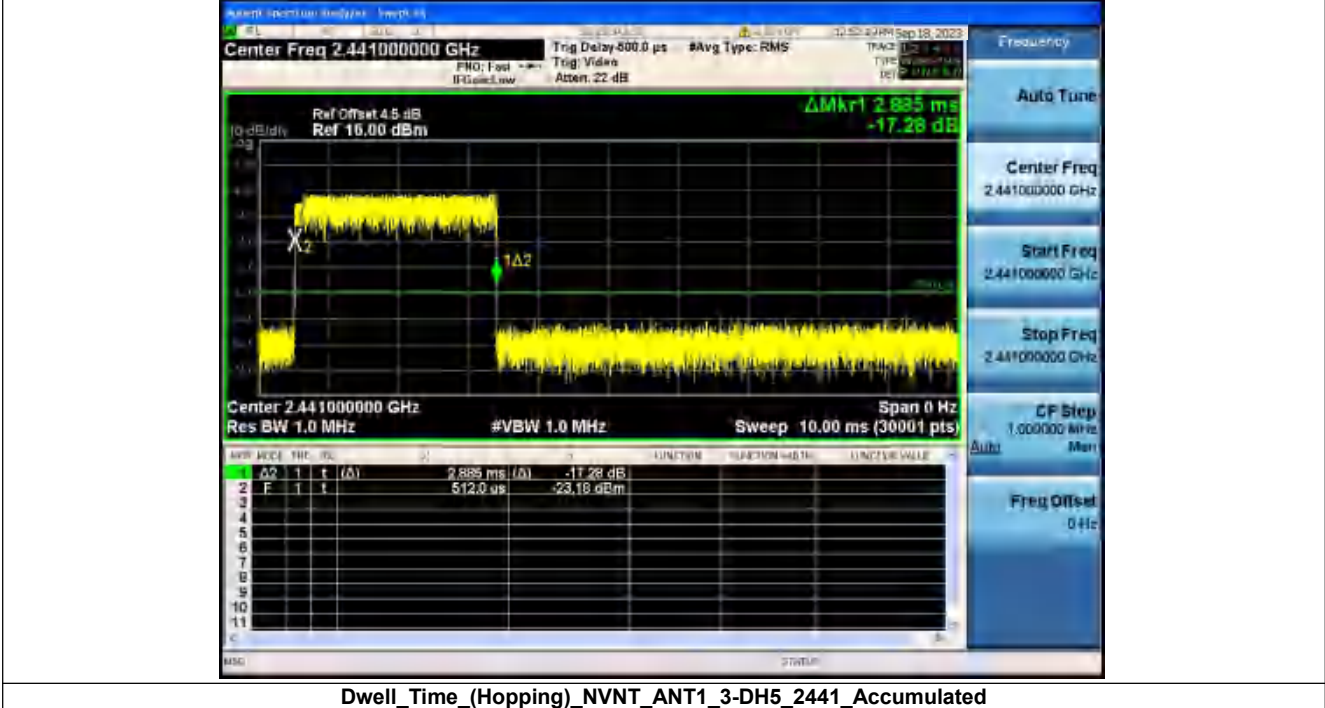
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2402_One_Burst_Time



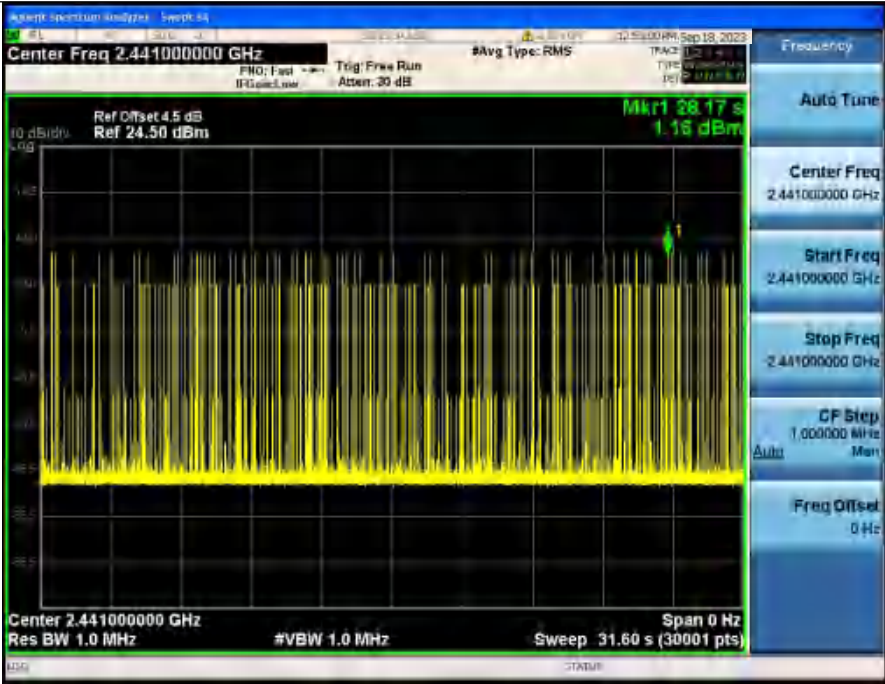
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2402_Accumulated



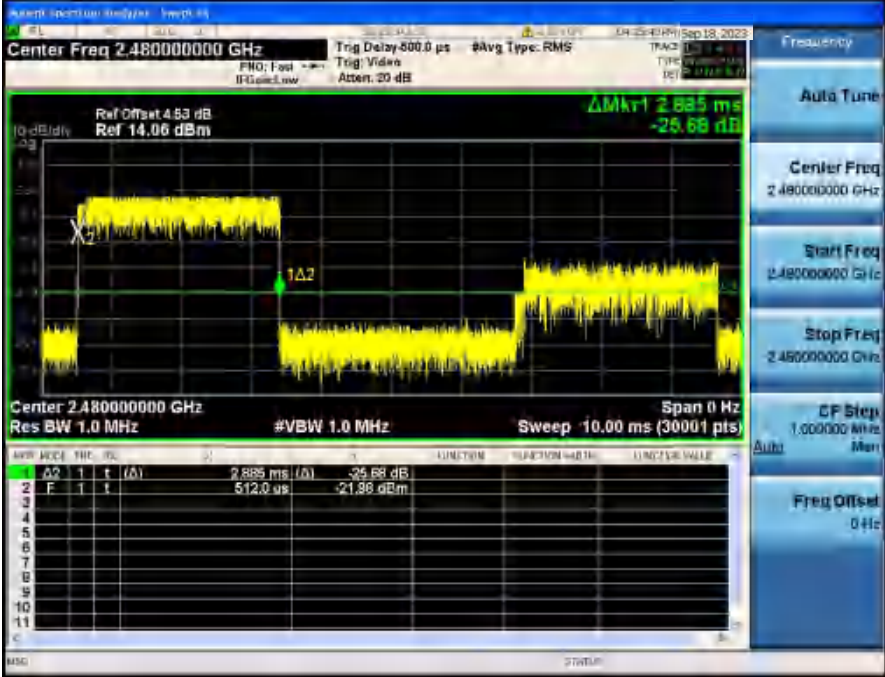
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_One_Burst_Time



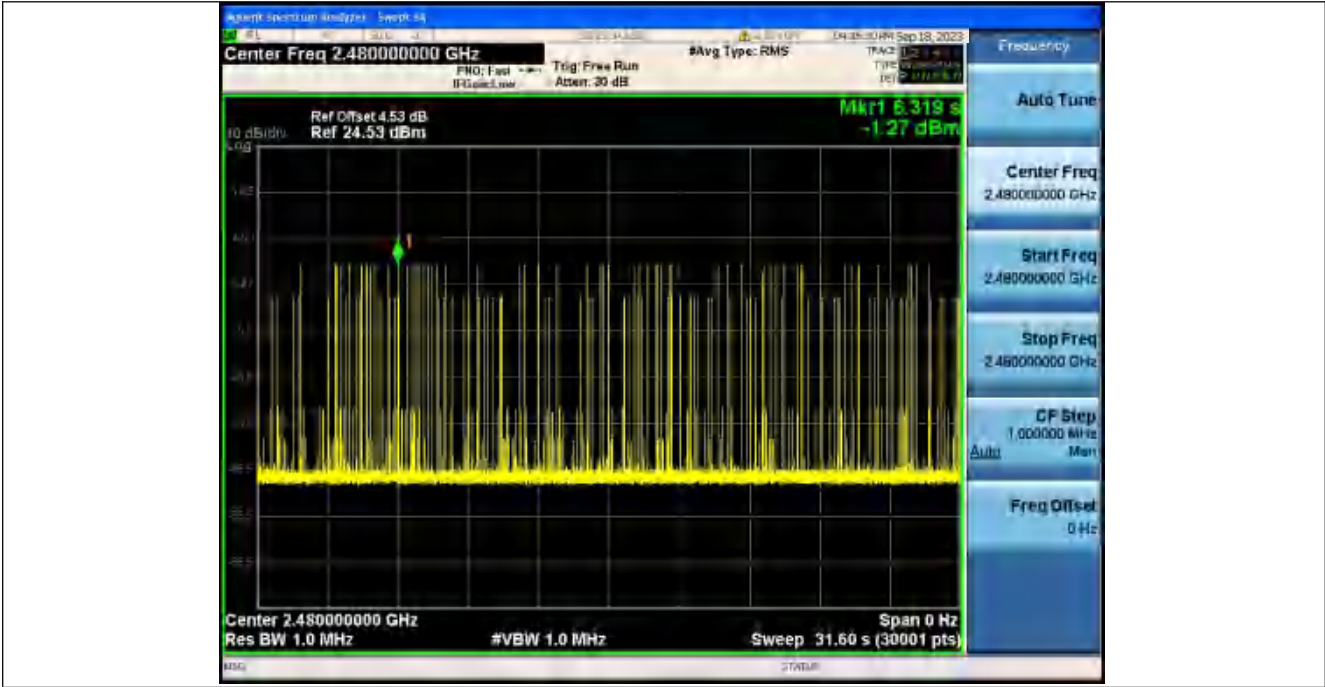
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2480_One_Burst_Time



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2480_Accumulated



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.037	NO
NVNT	ANT1	1-DH5	2441.00	1.037	NO
NVNT	ANT1	1-DH5	2480.00	1.037	NO
NVNT	ANT1	2-DH5	2402.00	1.291	NO
NVNT	ANT1	2-DH5	2441.00	1.286	NO
NVNT	ANT1	2-DH5	2480.00	1.285	NO
NVNT	ANT1	3-DH5	2402.00	1.290	NO
NVNT	ANT1	3-DH5	2441.00	1.288	NO
NVNT	ANT1	3-DH5	2480.00	1.286	NO

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402



-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441



-20dB Bandwidth_NVNT_ANT1_1-DH5_2480



-20dB Bandwidth_NVNT_ANT1_2-DH5_2402



-20dB Bandwidth_NVNT_ANT1_2-DH5_2441



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480



3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.967
NVNT	ANT1	1-DH5	2441.00	0.957
NVNT	ANT1	1-DH5	2480.00	0.964
NVNT	ANT1	2-DH5	2402.00	1.179
NVNT	ANT1	2-DH5	2441.00	1.175
NVNT	ANT1	2-DH5	2480.00	1.177
NVNT	ANT1	3-DH5	2402.00	1.190
NVNT	ANT1	3-DH5	2441.00	1.184
NVNT	ANT1	3-DH5	2480.00	1.181

99% Occupied Bandwidth_NVNT_ANT1_1-DH5_2402



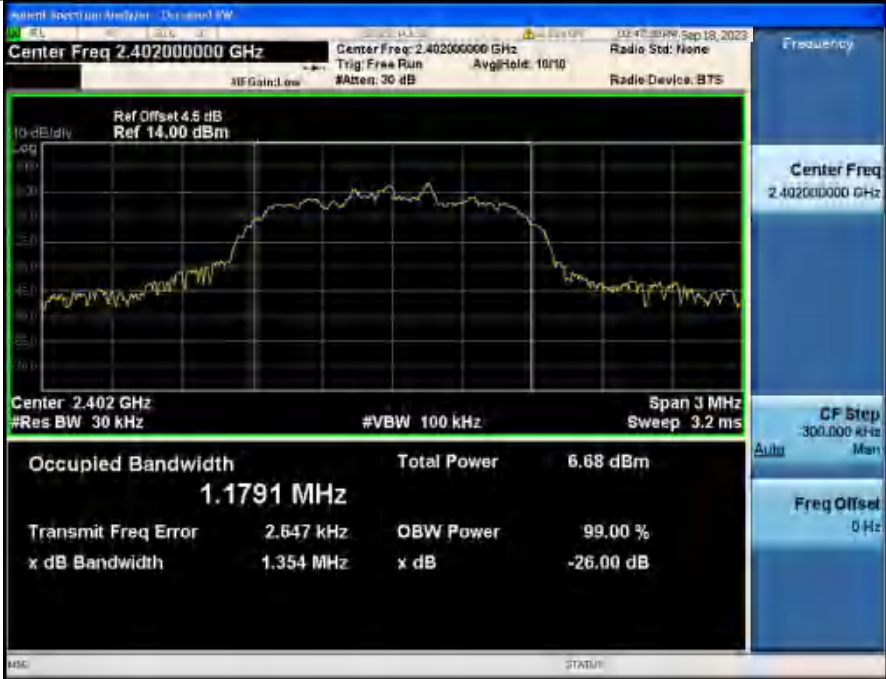
99% Occupied Bandwidth_NVNT_ANT1_1-DH5_2441



99% Occupied Bandwidth NVNT ANT1 1-DH5 2480



99% Occupied Bandwidth NVNT ANT1 2-DH5 2402



99% Occupied Bandwidth NVNT ANT1 2-DH5 2441



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480



4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	0.77	1.19	125	Pass
NVNT	ANT1	1-DH5	2441.00	0.77	1.19	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.96	0.80	125	Pass
NVNT	ANT1	2-DH5	2402.00	1.86	1.54	125	Pass
NVNT	ANT1	2-DH5	2441.00	2.24	1.67	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.17	0.96	125	Pass
NVNT	ANT1	3-DH5	2402.00	2.17	1.65	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.56	1.81	125	Pass
NVNT	ANT1	3-DH5	2480.00	0.10	1.02	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402



Peak_Output_Power_NVNT_ANT1_1-DH5_2441



Peak Output Power_NVNT_ANT1_1-DH5_2480



Peak Output Power_NVNT_ANT1_2-DH5_2402



Peak Output Power_NVNT_ANT1_2-DH5_2441



Peak_Output_Power_NVNT_ANT1_2-DH5_2480



Peak_Output_Power_NVNT_ANT1_3-DH5_2402



Peak_Output_Power_NVNT_ANT1_3-DH5_2441



Peak_Output_Power_NVNT_ANT1_3-DH5_2480



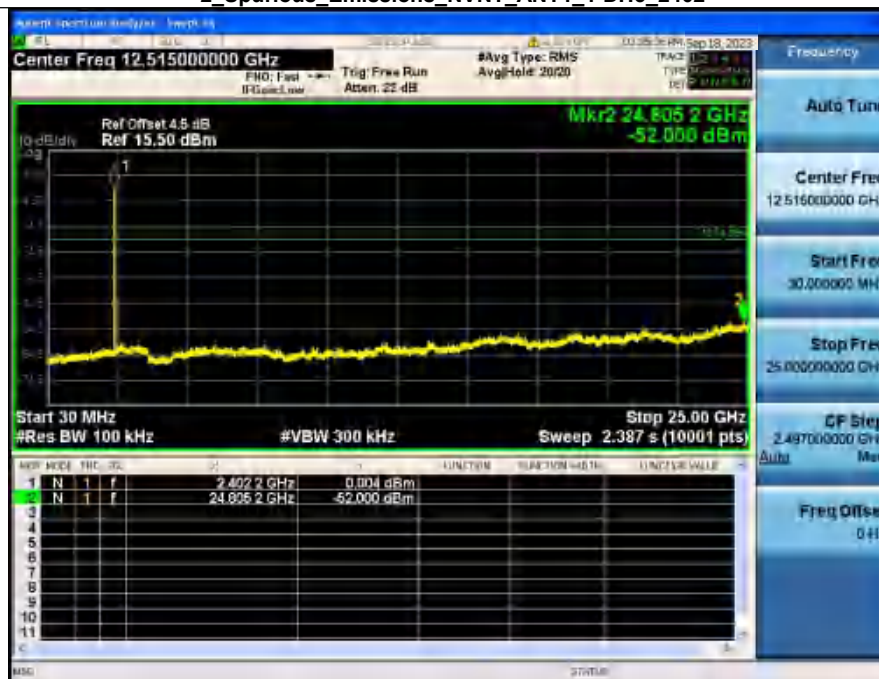
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-52.000	-19.737	Pass
NVNT	ANT1	1-DH5	2441.00	-51.786	-19.801	Pass
NVNT	ANT1	1-DH5	2480.00	-53.439	-21.569	Pass
NVNT	ANT1	2-DH5	2402.00	-59.676	-21.759	Pass
NVNT	ANT1	2-DH5	2441.00	-54.527	-20.226	Pass
NVNT	ANT1	2-DH5	2480.00	-60.010	-22.622	Pass
NVNT	ANT1	3-DH5	2402.00	-55.439	-20.466	Pass
NVNT	ANT1	3-DH5	2441.00	-57.855	-20.302	Pass
NVNT	ANT1	3-DH5	2480.00	-64.271	-23.553	Pass

1 Reference Level NVNT_ANT1_1-DH5_2402



2 Spurious Emissions NVNT_ANT1_1-DH5_2402



1 Reference Level NVNT_ANT1_1-DH5_2441



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441



1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480



1_Reference_Level_NVNT_ANT1_2-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402



1_Reference_Level_NVNT_ANT1_2-DH5_2441



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441



1_Reference_Level_NVNT_ANT1_2-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480



1_Reference_Level_NVNT_ANT1_3-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402



1_Reference_Level_NVNT_ANT1_3-DH5_2441



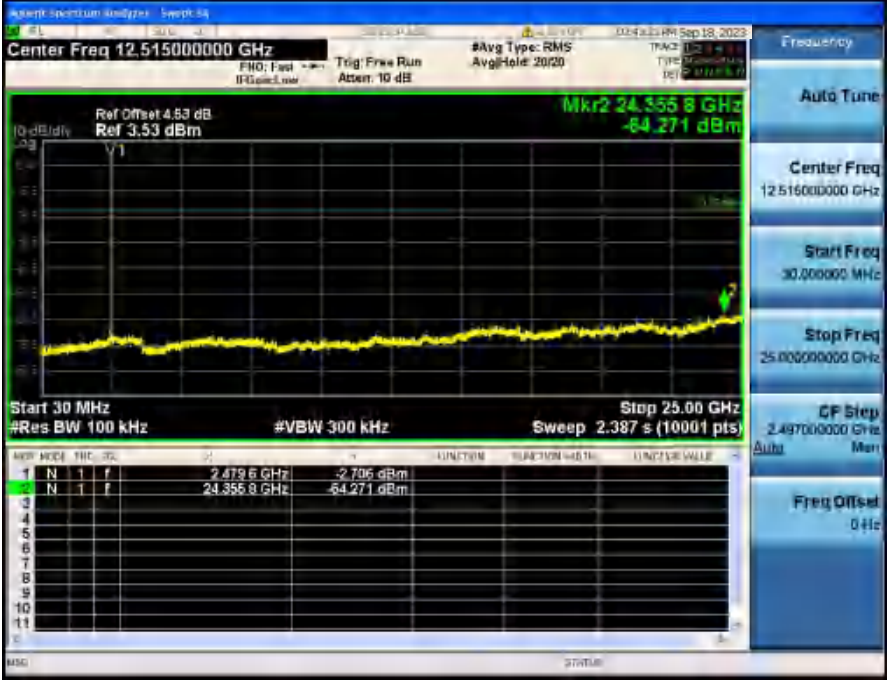
2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441



1_Reference_Level_NVNT_ANT1_3-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480



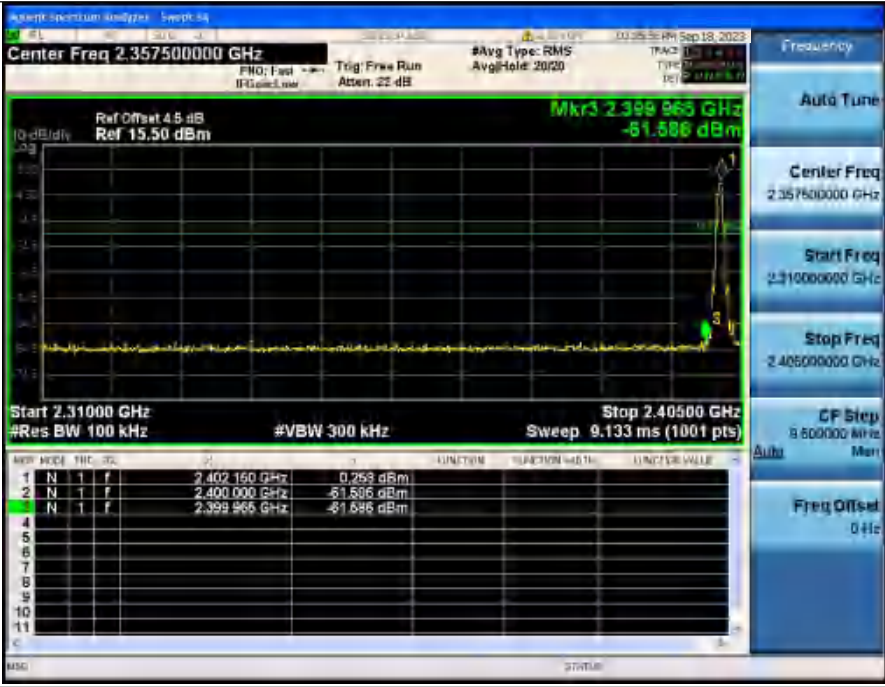
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-61.586	-19.737	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-63.157	-18.343	Pass
NVNT	ANT1	1-DH5	2480.00	-62.642	-21.569	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-65.042	-18.513	Pass
NVNT	ANT1	2-DH5	2402.00	-52.389	-21.759	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-53.628	-20.089	Pass
NVNT	ANT1	2-DH5	2480.00	-66.190	-22.622	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-65.671	-19.803	Pass
NVNT	ANT1	3-DH5	2402.00	-52.145	-20.466	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-55.181	-18.958	Pass
NVNT	ANT1	3-DH5	2480.00	-67.246	-23.553	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-61.525	-18.828	Pass

1. Reference Level NVNT_ANT1_1-DH5_2402



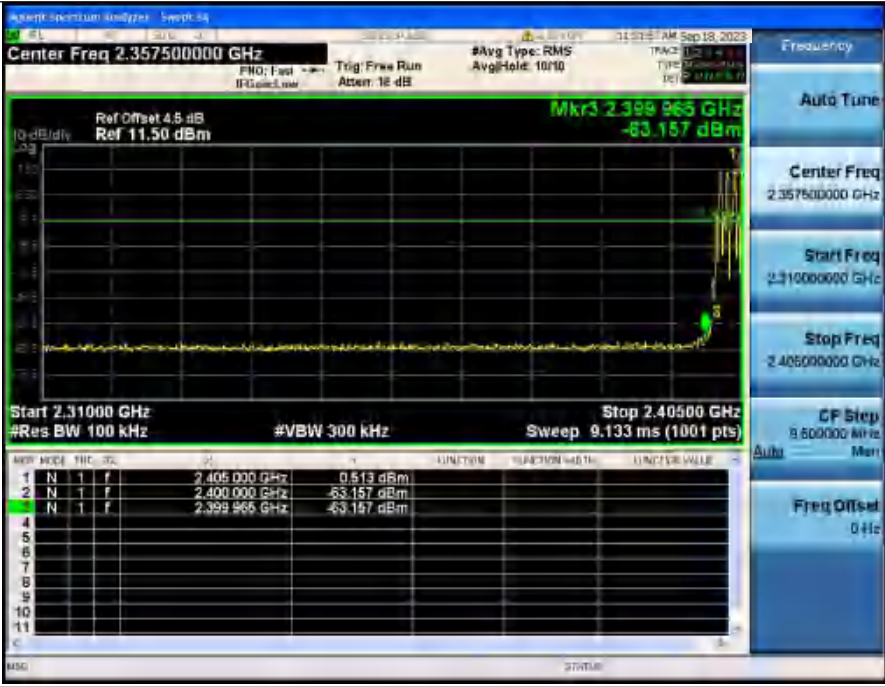
2. Bandedge_NVNT_ANT1_1-DH5_2402



1 Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Bandedge_NVNT_ANT1_1-DH5_2480



1 Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



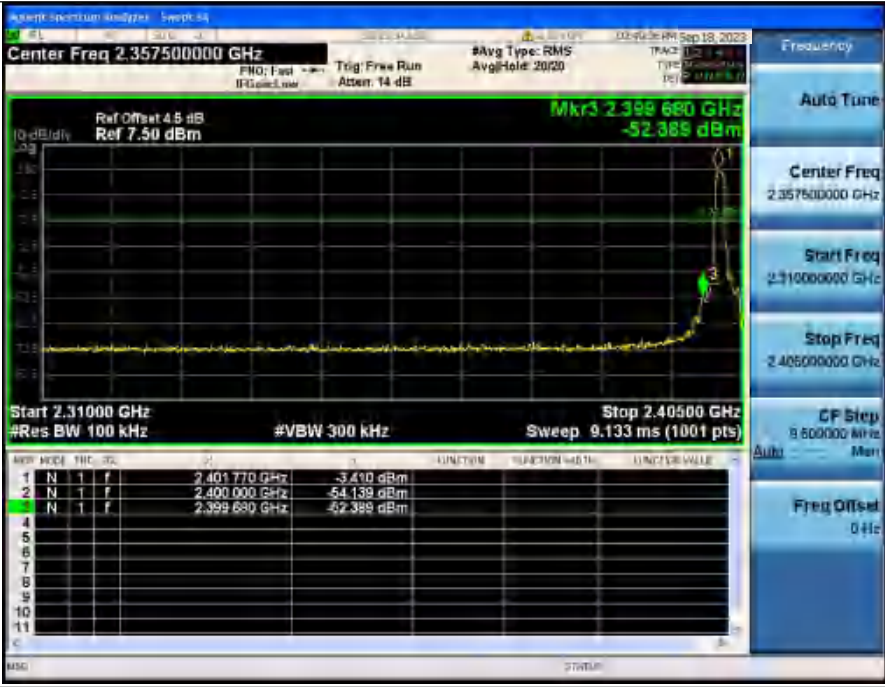
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



1_Reference_Level_NVNT_ANT1_2-DH5_2402



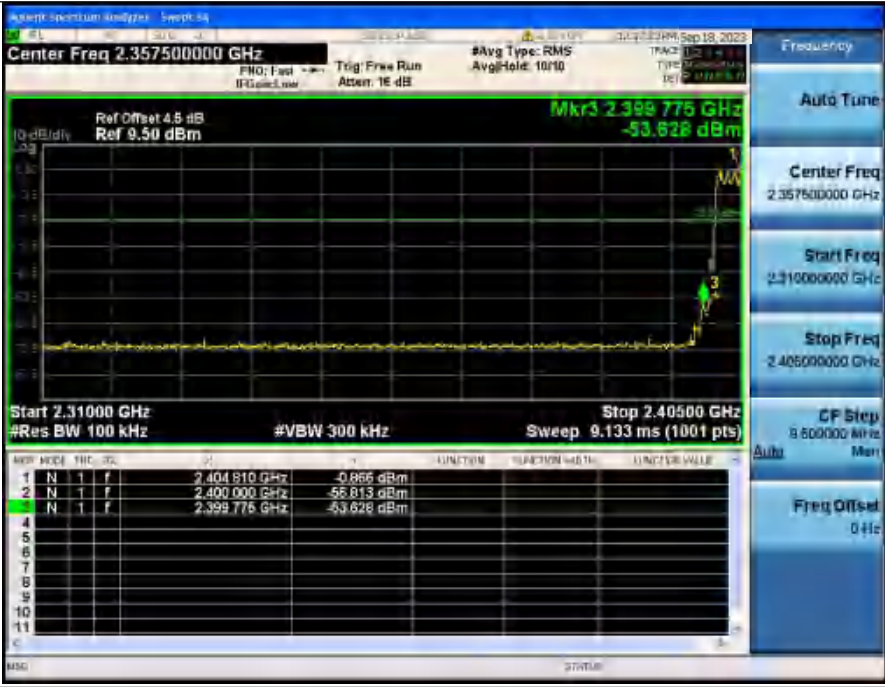
2_Bandedge_NVNT_ANT1_2-DH5_2402



1 Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



1_Reference_Level_NVNT_ANT1_2-DH5_2480



2_Bandedge_NVNT_ANT1_2-DH5_2480



1 Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



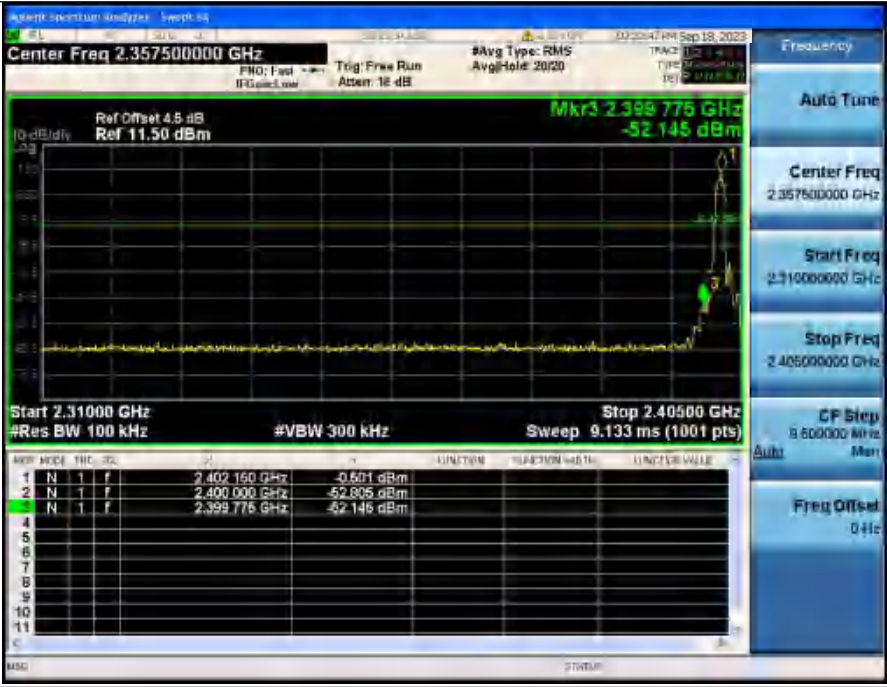
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



1_Reference_Level_NVNT_ANT1_3-DH5_2402



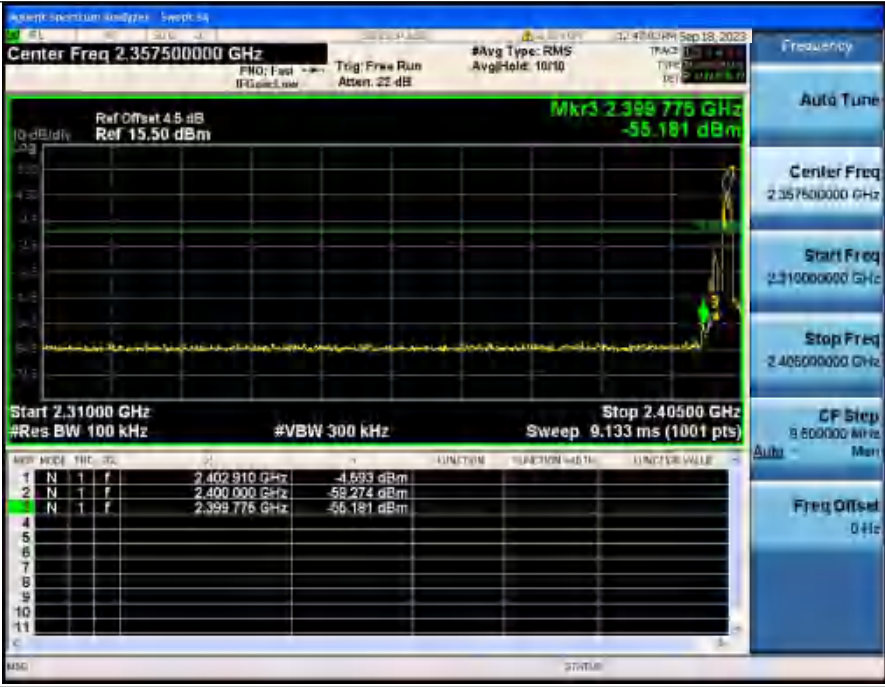
2_Bandedge_NVNT_ANT1_3-DH5_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



1_Reference_Level_NVNT_ANT1_3-DH5_2480



2_Bandedge_NVNT_ANT1_3-DH5_2480



1 Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_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-DH5	2402.00	2401.849	2403.157	1.31	0.768	Pass
NVNT	ANT1	1-DH5	2441.00	2440.849	2442.157	1.31	0.691	Pass
NVNT	ANT1	1-DH5	2480.00	2479.002	2480.157	1.16	0.691	Pass
NVNT	ANT1	2-DH5	2402.00	2401.852	2403.169	1.32	0.861	Pass
NVNT	ANT1	2-DH5	2441.00	2440.840	2441.956	1.12	0.857	Pass
NVNT	ANT1	2-DH5	2480.00	2478.966	2479.950	0.98	0.857	Pass
NVNT	ANT1	3-DH5	2402.00	2402.158	2403.145	0.99	0.860	Pass
NVNT	ANT1	3-DH5	2441.00	2440.912	2441.911	1.00	0.859	Pass
NVNT	ANT1	3-DH5	2480.00	2479.152	2480.157	1.00	0.857	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



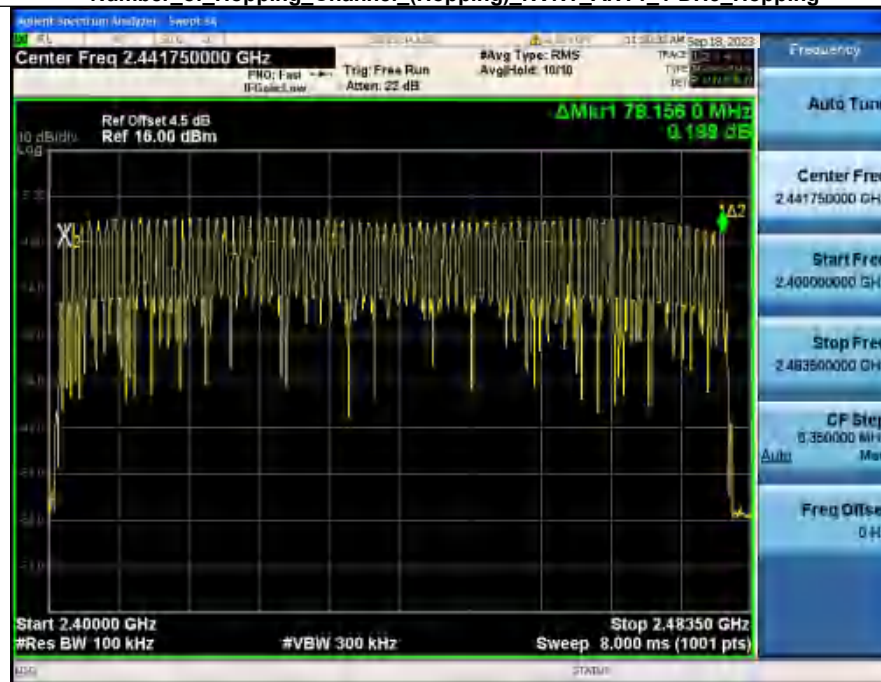
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH5_Hopping



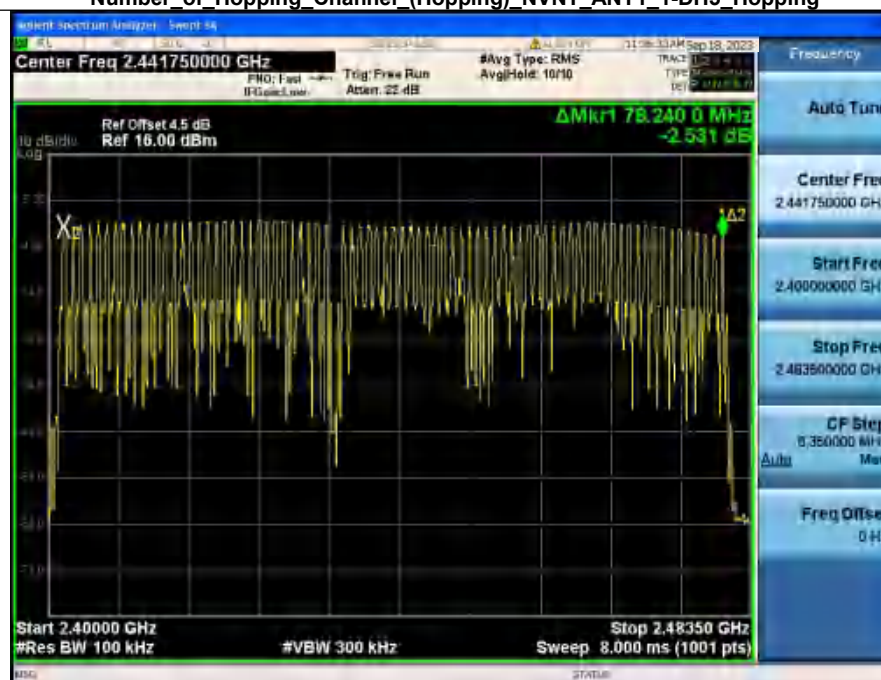
8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass

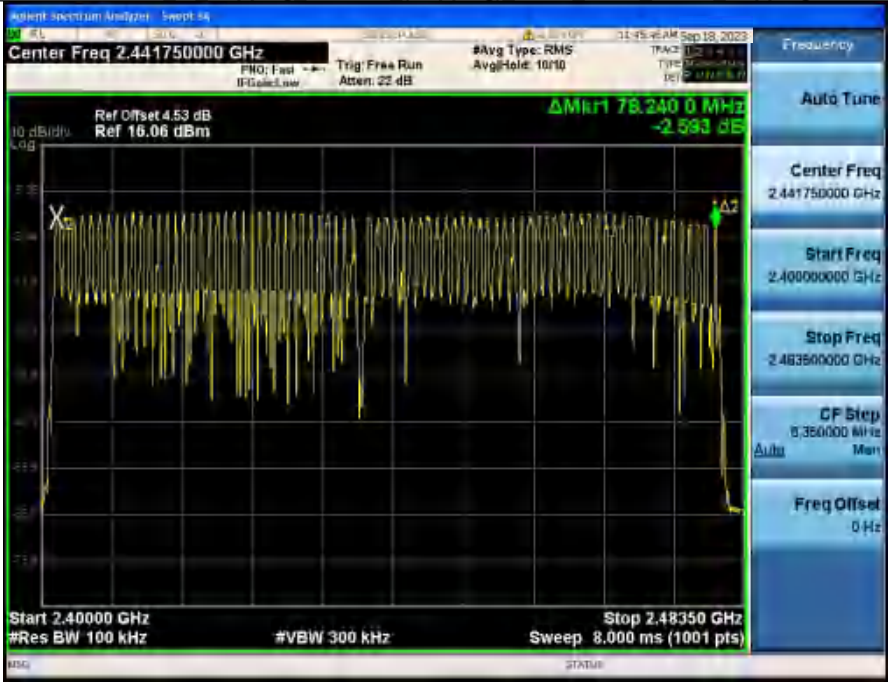
Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_1-DH5_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_1-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH5_Hopping



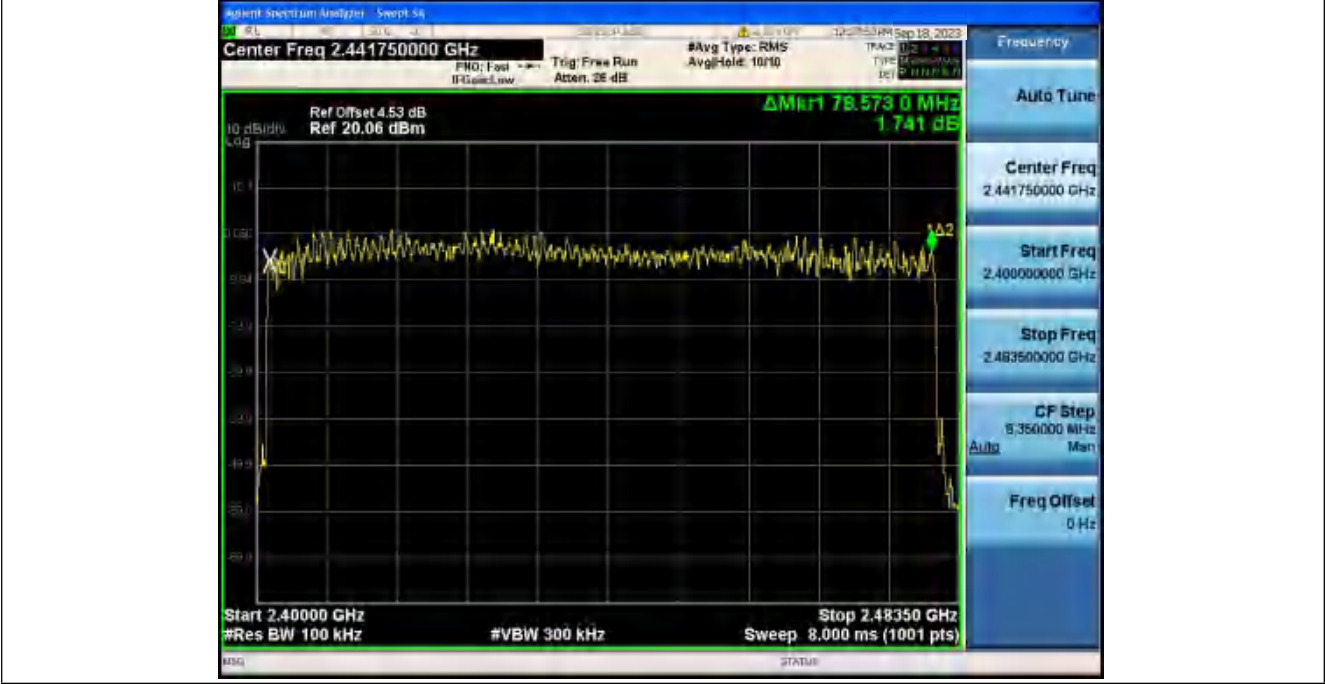
Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH5_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_2-DH5_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_3-DH5_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_3-DH5_Hopping



Number_of_Hopping_Channel (Hopping)_NVNT_ANT1_3-DH5_Hopping

