

Table of Contents

1. Duty Cycle	2
2. -20dB Bandwidth	6
3. 99% Occupied Bandwidth	10
4. Peak Output Power	14
5. Spurious Emissions	18
6. Bandedge	24
7. Carrier Frequencies Separation (Hopping)	33
8. Number of Hopping Channel (Hopping)	37
9. Dwell Time (Hopping)	38

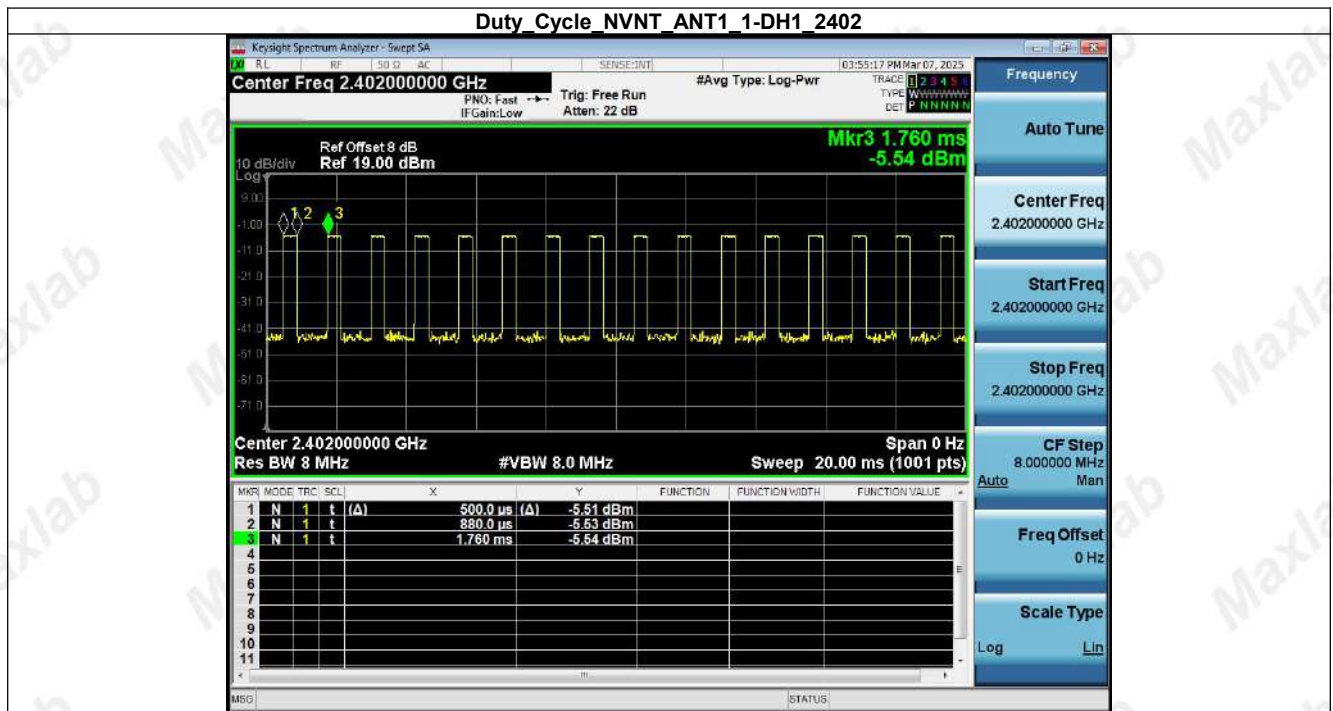
Report No.: MAX250303110P01-R02

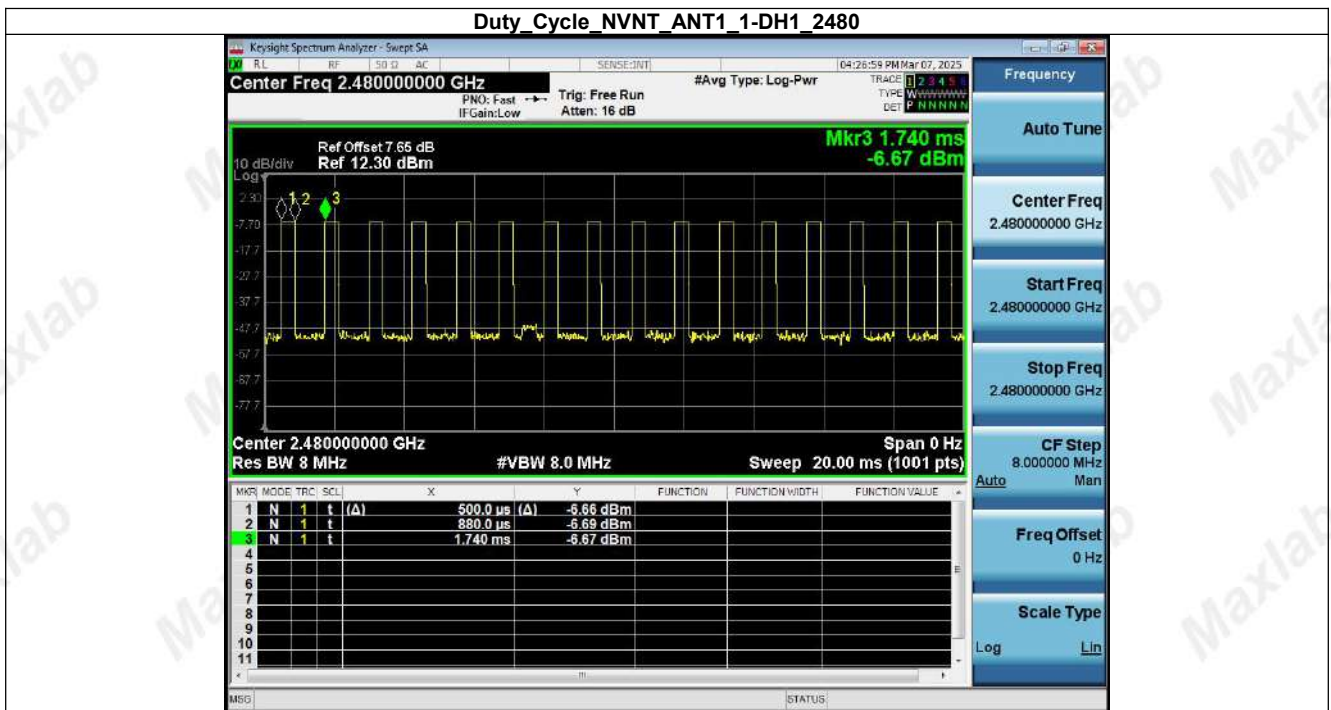
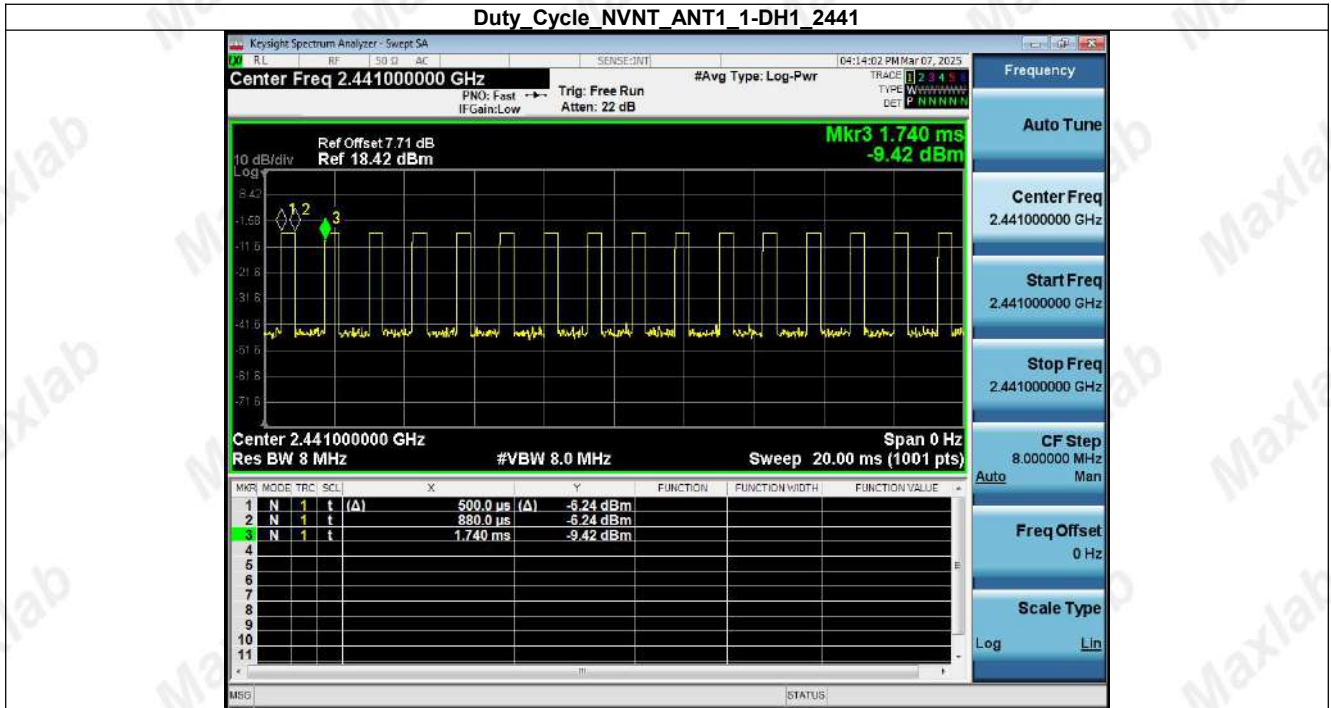
FCC ID:2BMXP-BT118A

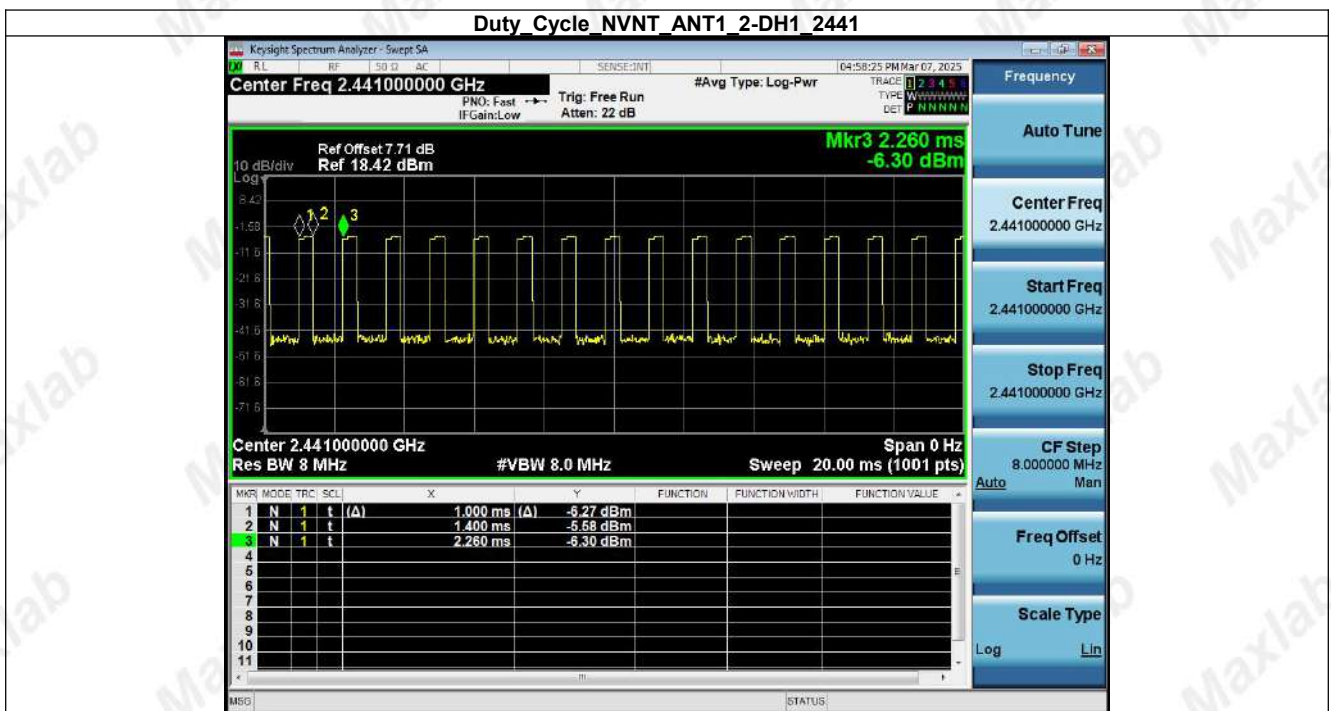
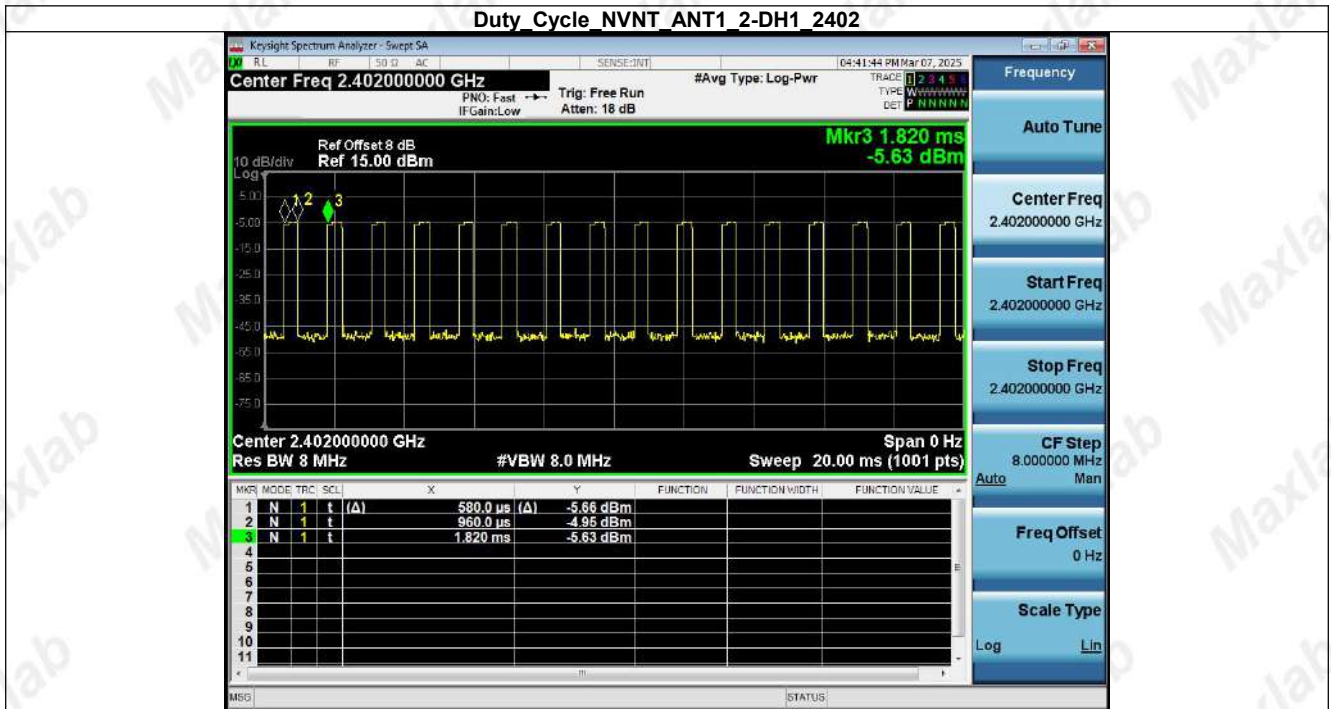
FCC_BT (Part15.247) Test Data

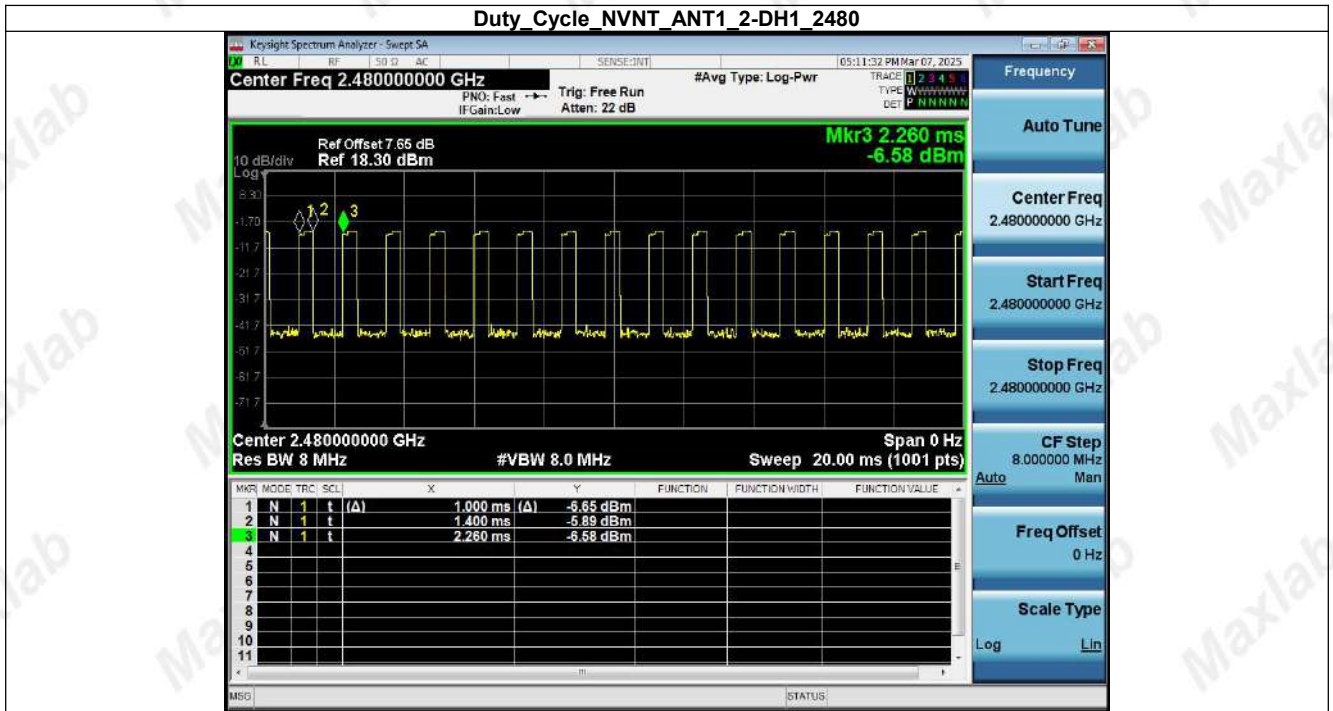
1. Duty Cycle

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









2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.928	No
NVNT	ANT1	1-DH1	2441.00	0.924	No
NVNT	ANT1	1-DH1	2480.00	0.878	No
NVNT	ANT1	2-DH1	2402.00	1.268	Yes
NVNT	ANT1	2-DH1	2441.00	1.261	Yes
NVNT	ANT1	2-DH1	2480.00	1.257	Yes



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00

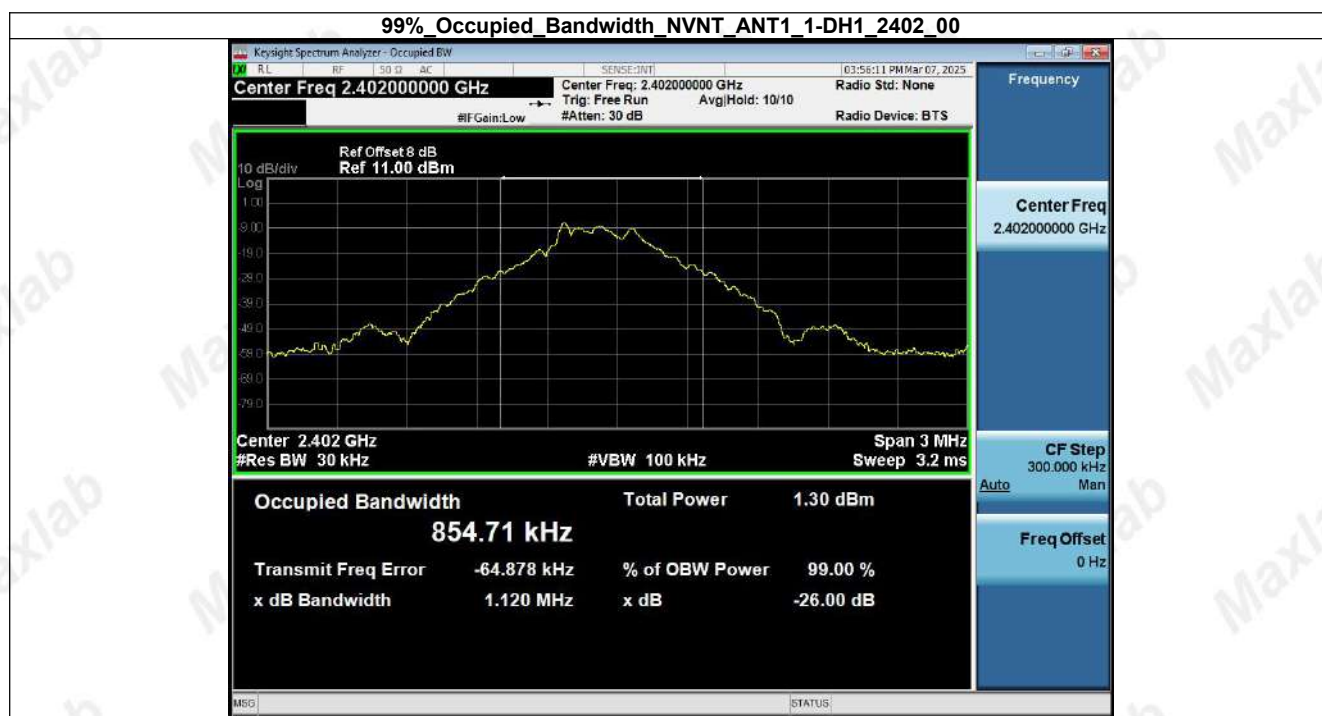


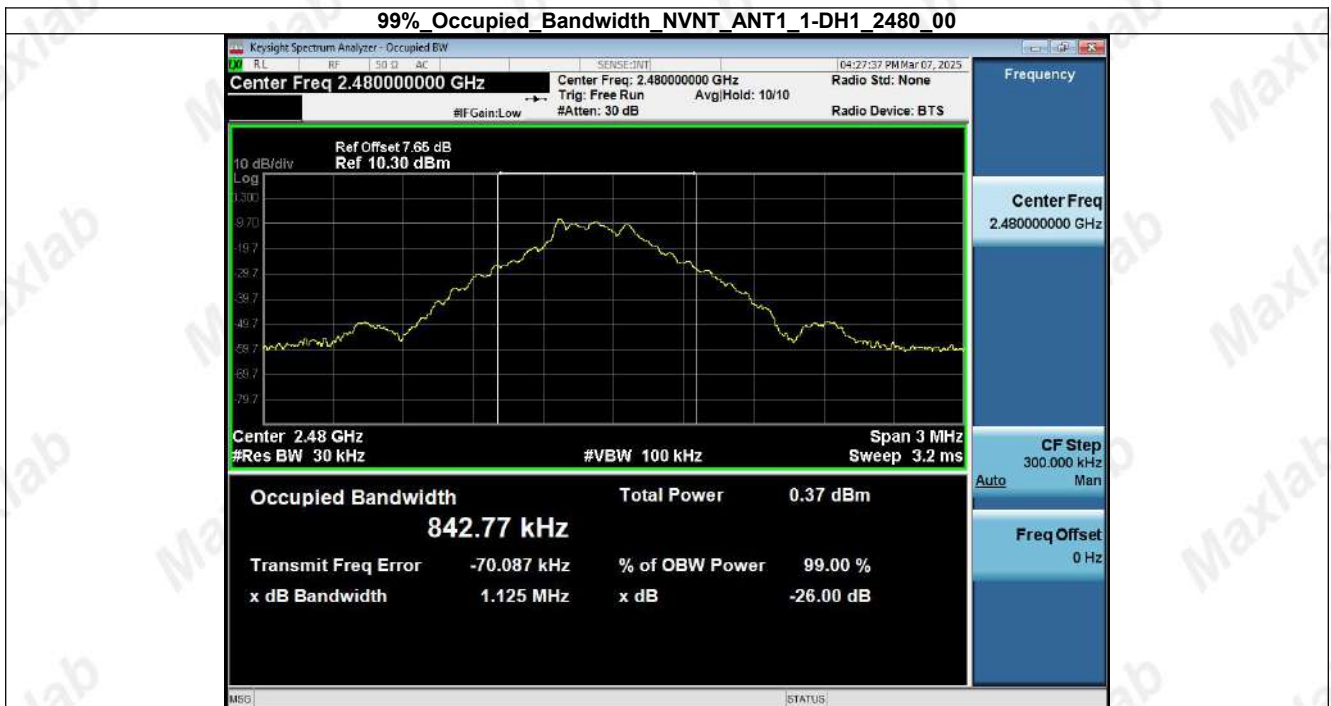
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

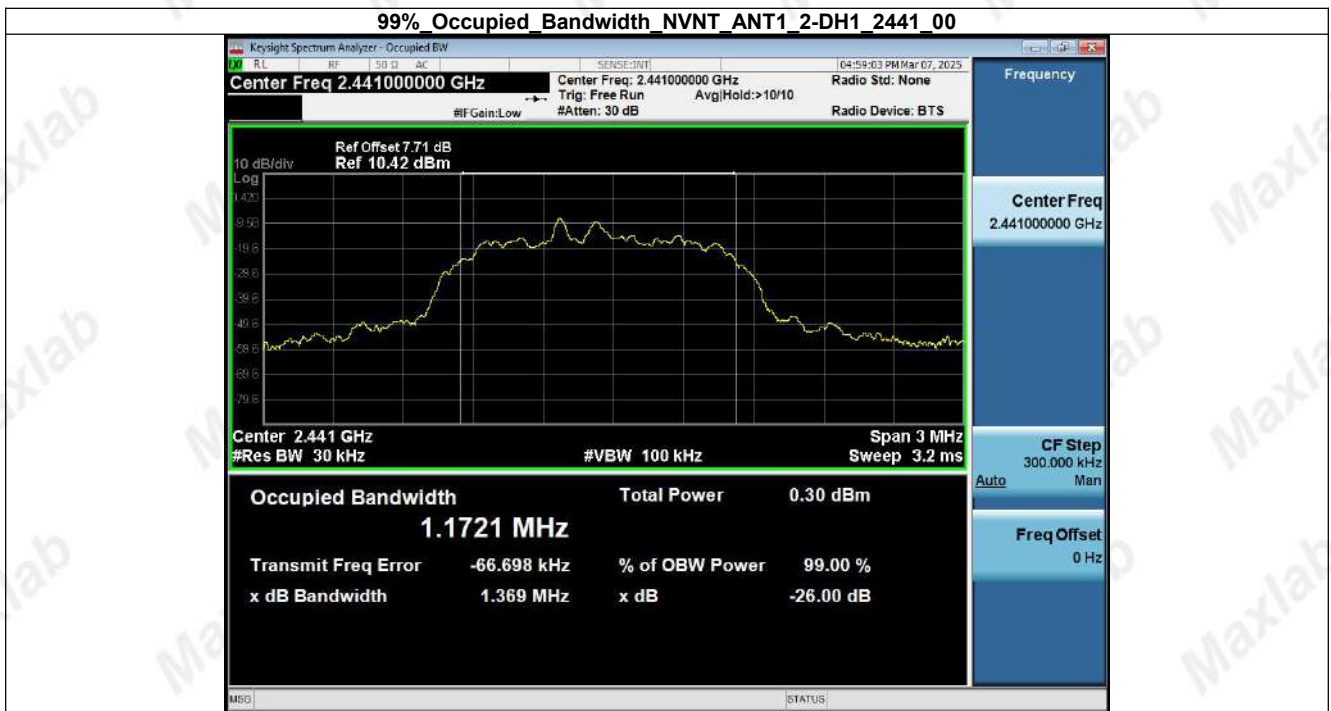


3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.855
NVNT	ANT1	1-DH1	2441.00	0.848
NVNT	ANT1	1-DH1	2480.00	0.843
NVNT	ANT1	2-DH1	2402.00	1.175
NVNT	ANT1	2-DH1	2441.00	1.172
NVNT	ANT1	2-DH1	2480.00	1.171



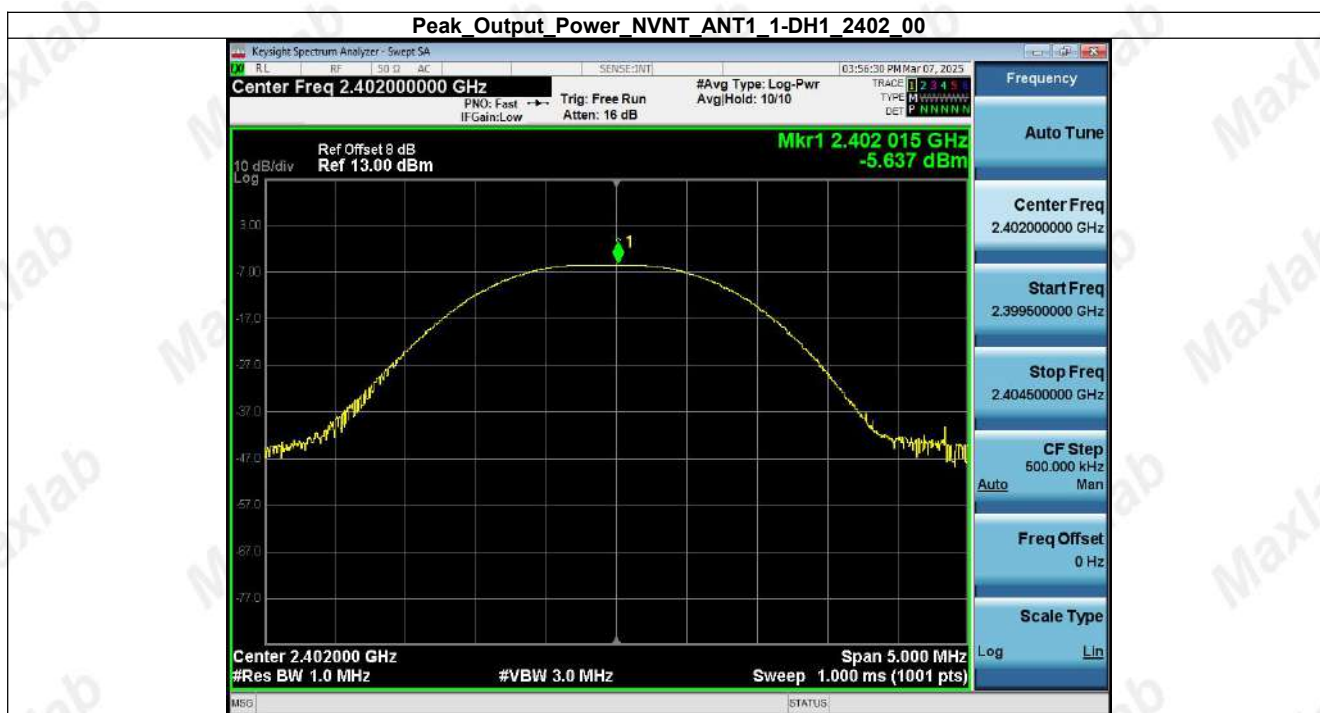






4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-5.64	0.27	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-6.27	0.24	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-6.56	0.22	1000	Pass
NVNT	ANT1	2-DH1	2402.00	-4.77	0.33	125	Pass
NVNT	ANT1	2-DH1	2441.00	-5.43	0.29	125	Pass
NVNT	ANT1	2-DH1	2480.00	-5.73	0.27	125	Pass



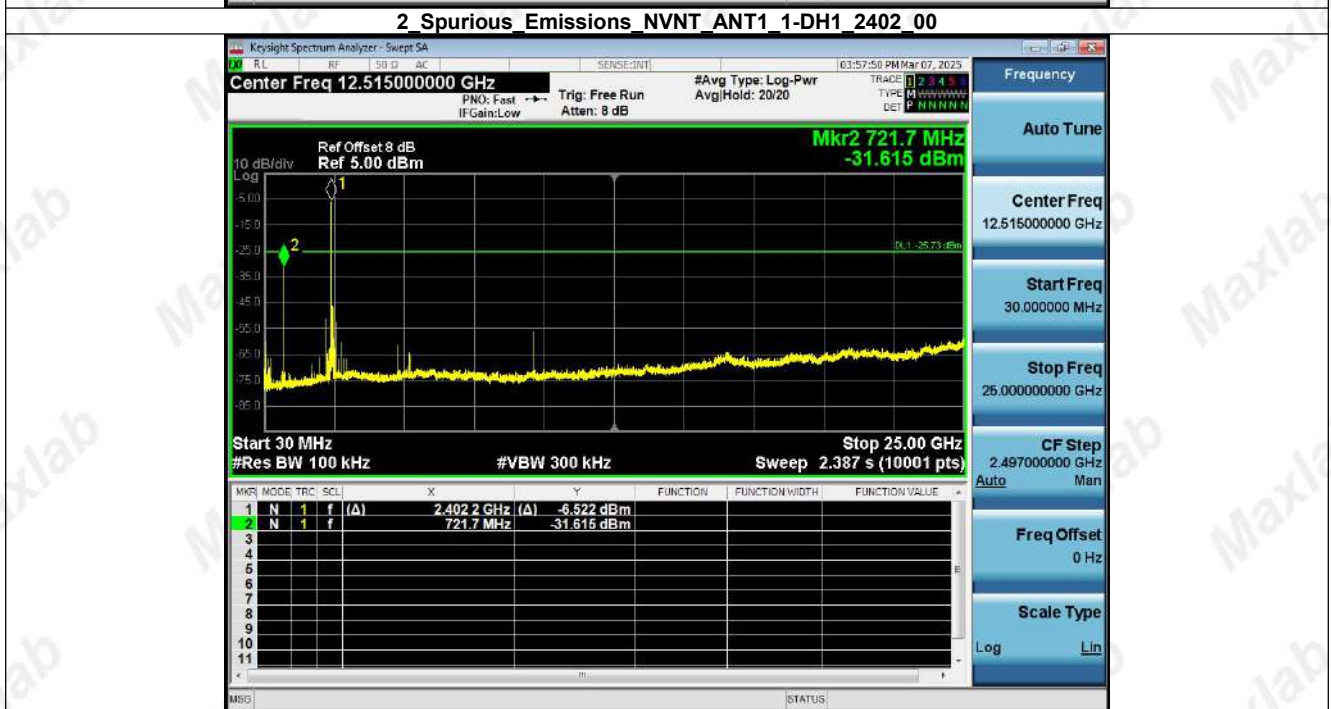




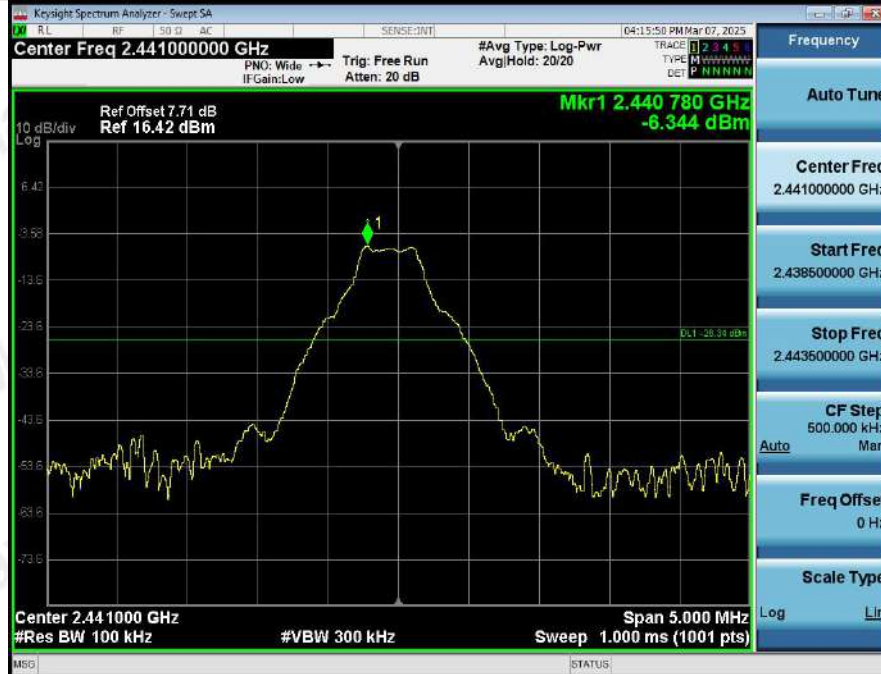


5. Spurious Emissions

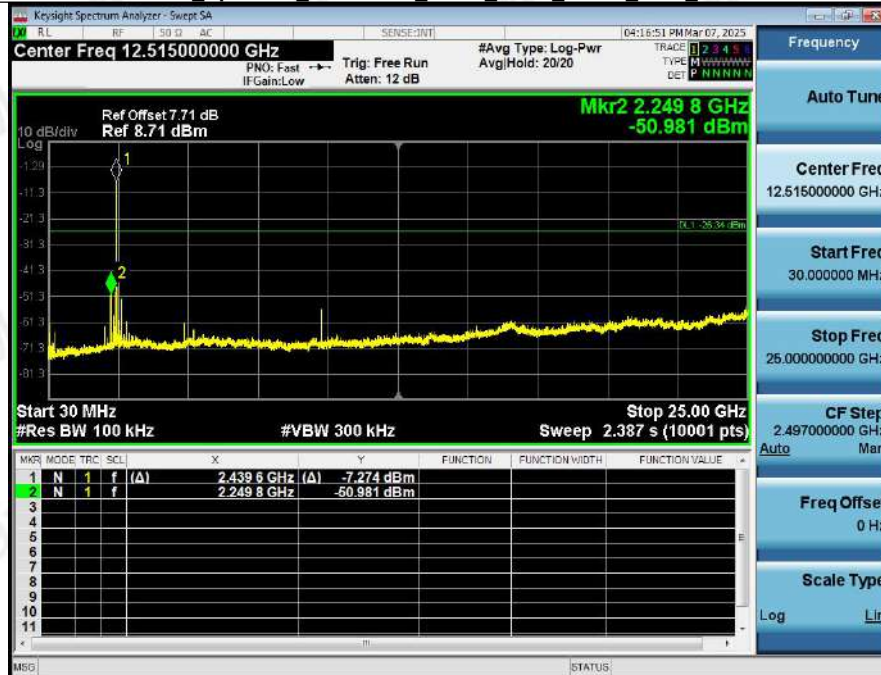
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-5.725	-31.615	-25.725	Pass
NVNT	ANT1	1-DH1	2441.00	-6.344	-50.981	-26.344	Pass
NVNT	ANT1	1-DH1	2480.00	-6.689	-50.398	-26.689	Pass
NVNT	ANT1	2-DH1	2402.00	-5.780	-51.890	-25.780	Pass
NVNT	ANT1	2-DH1	2441.00	-6.400	-44.780	-26.400	Pass
NVNT	ANT1	2-DH1	2480.00	-6.644	-45.525	-26.644	Pass



1 Reference Level NVNT_ANT1_1-DH1_2441_00



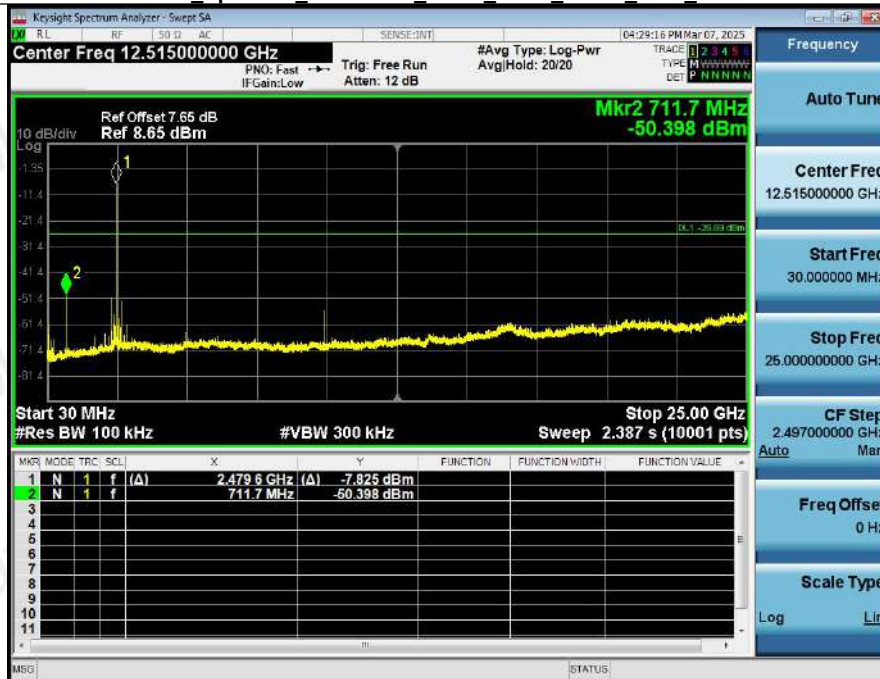
2 Spurious Emissions NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



2 Spurious Emissions_NVNT_ANT1_1-DH1_2480_00







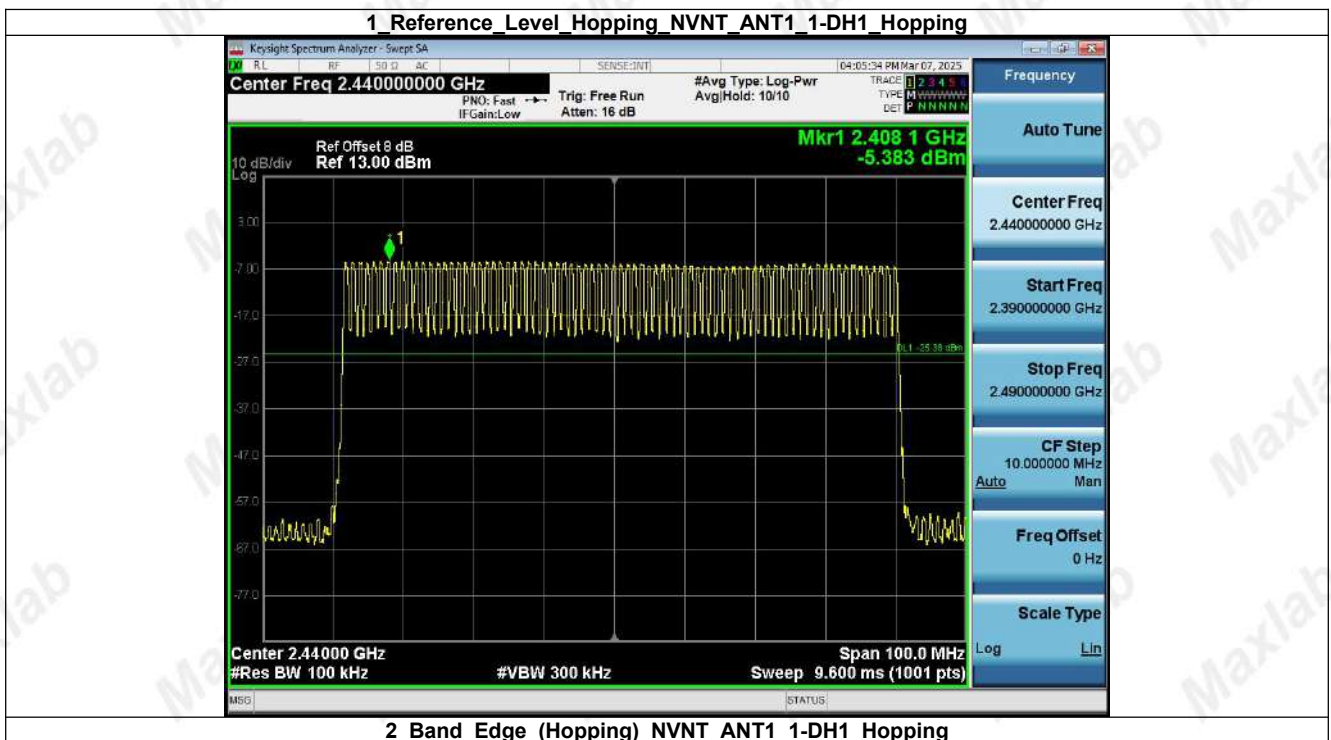
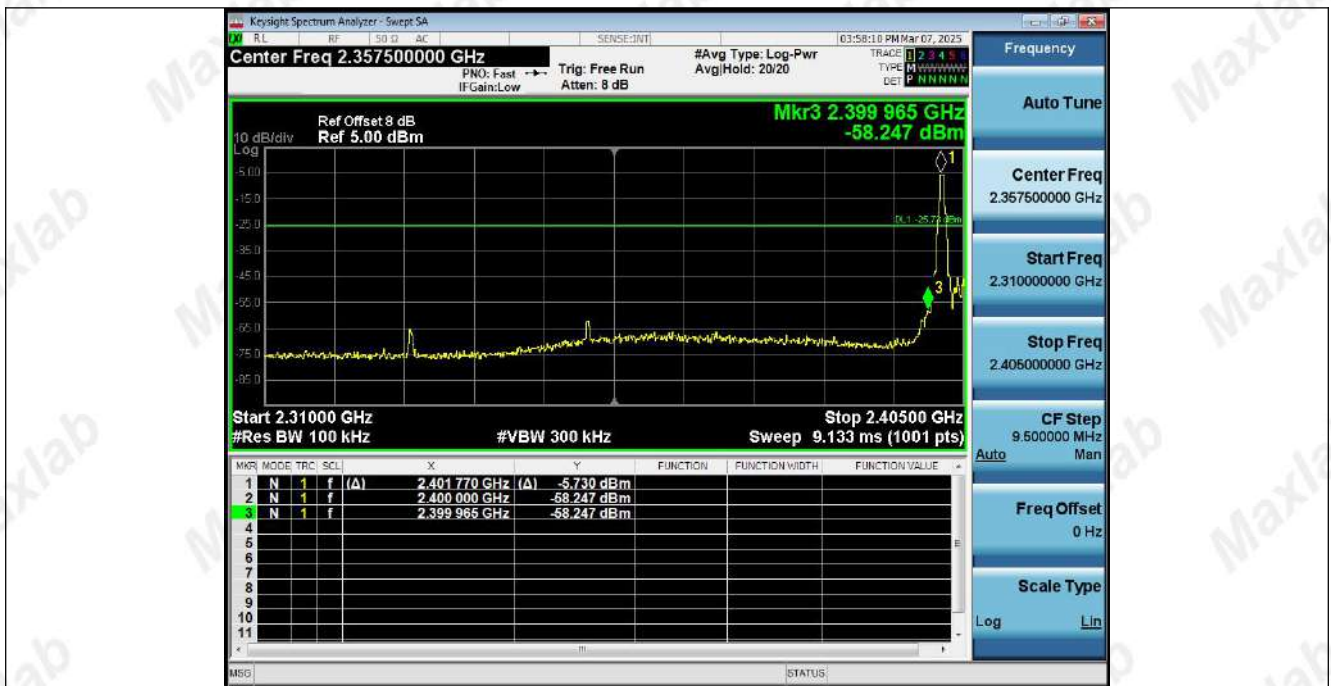


6. Bandedge

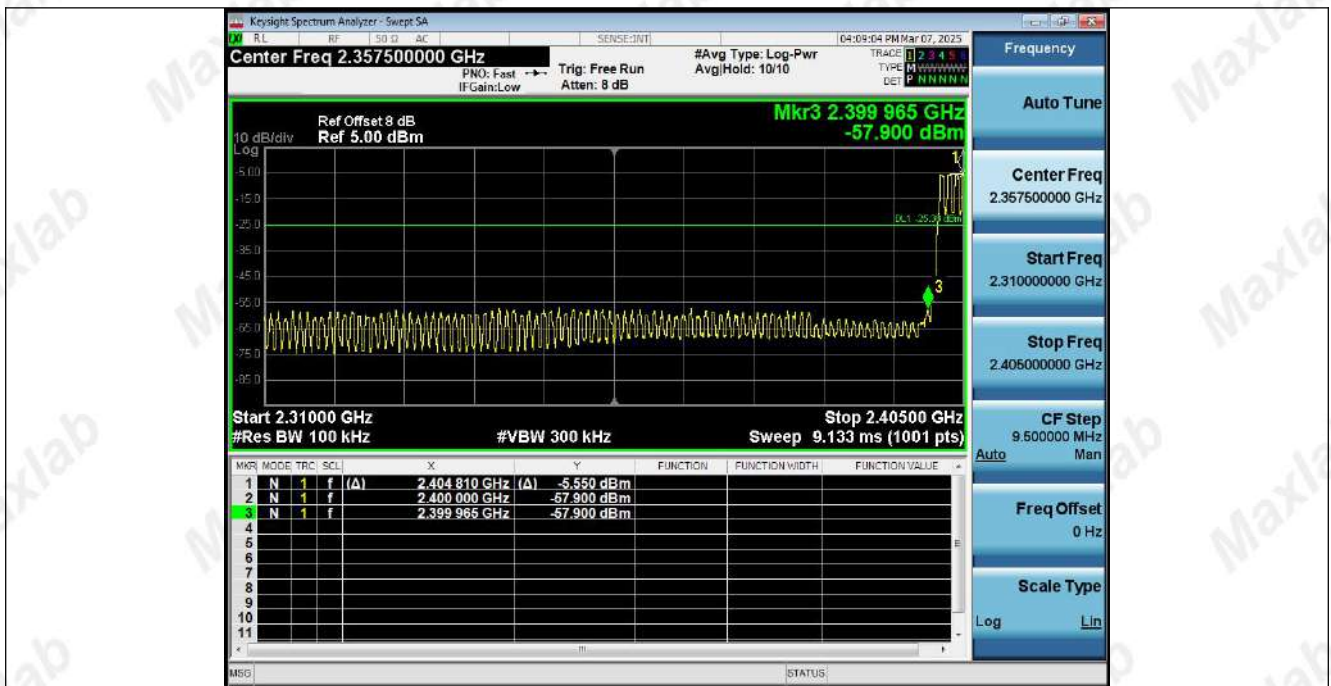
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-5.725	-58.247	-25.725	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-5.383	-57.900	-25.383	Pass
NVNT	ANT1	1-DH1	2480.00	-6.689	-65.987	-26.689	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-5.831	-56.853	-25.831	Pass
NVNT	ANT1	2-DH1	2402.00	-5.780	-53.081	-25.780	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-5.488	-55.832	-25.488	Pass
NVNT	ANT1	2-DH1	2480.00	-6.680	-67.300	-26.680	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-5.761	-57.046	-25.761	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00





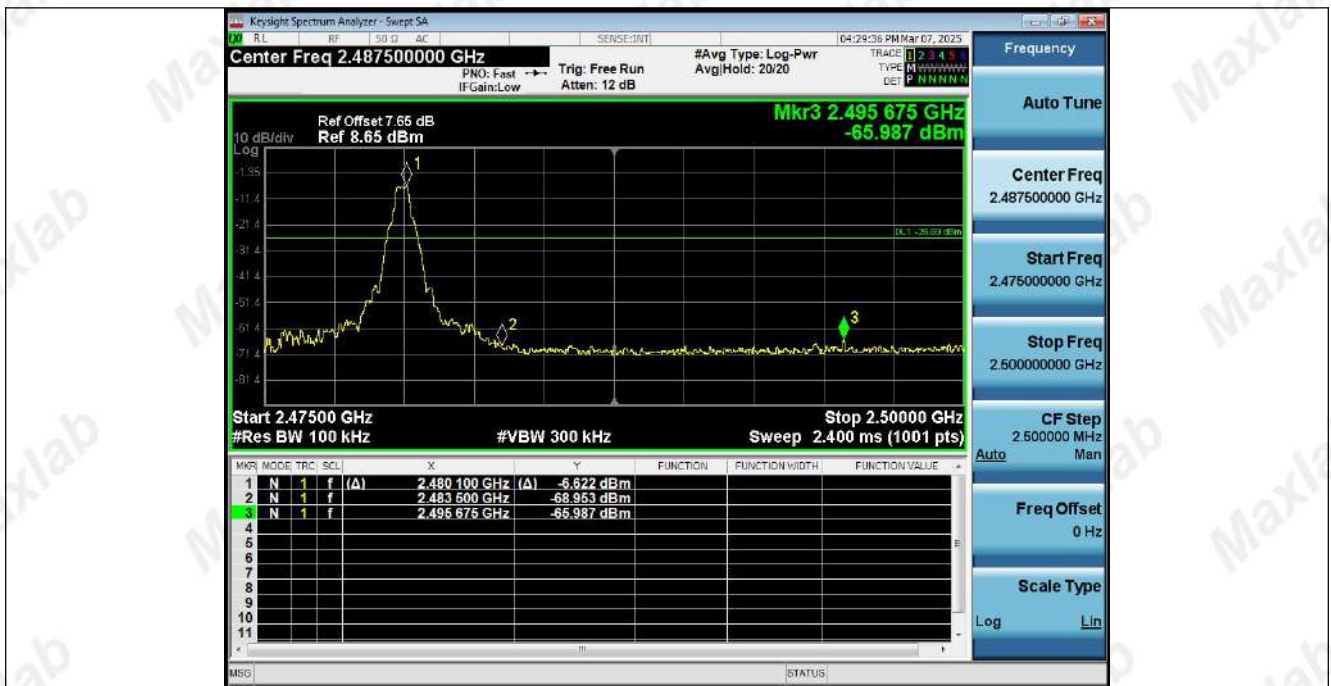
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



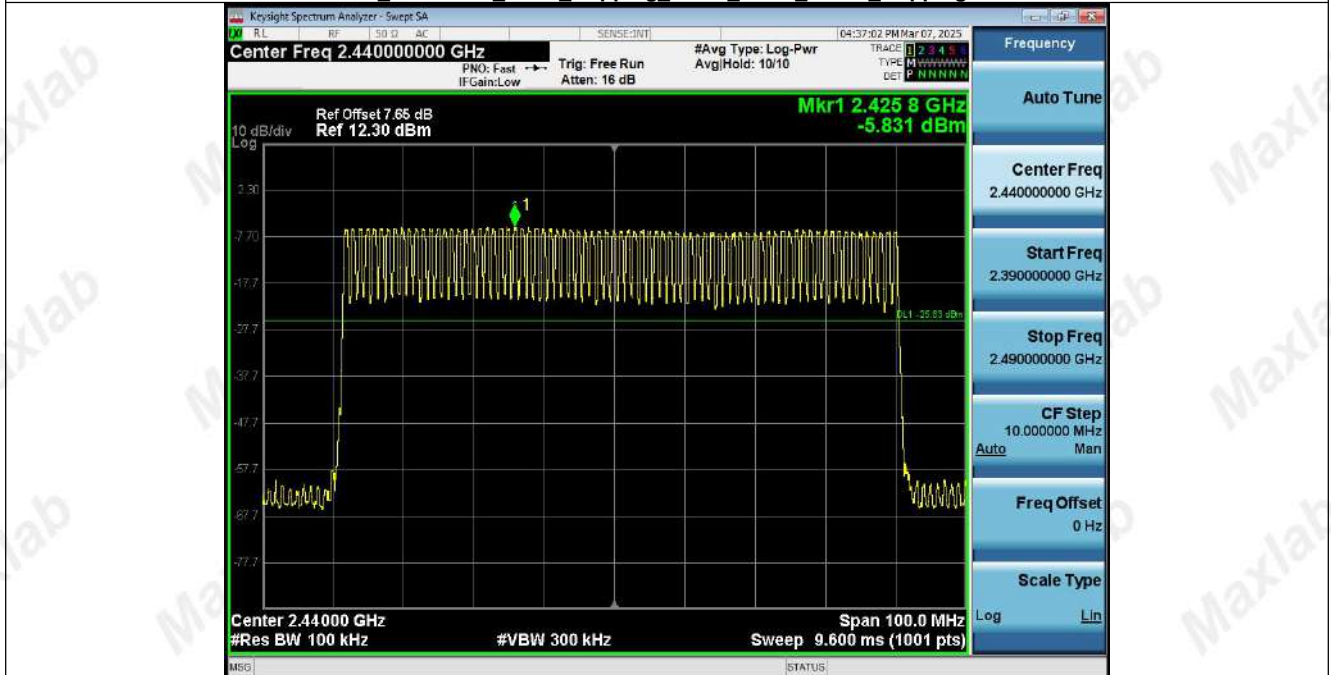
1 Reference Level NVNT ANT1_1-DH1_2480_00



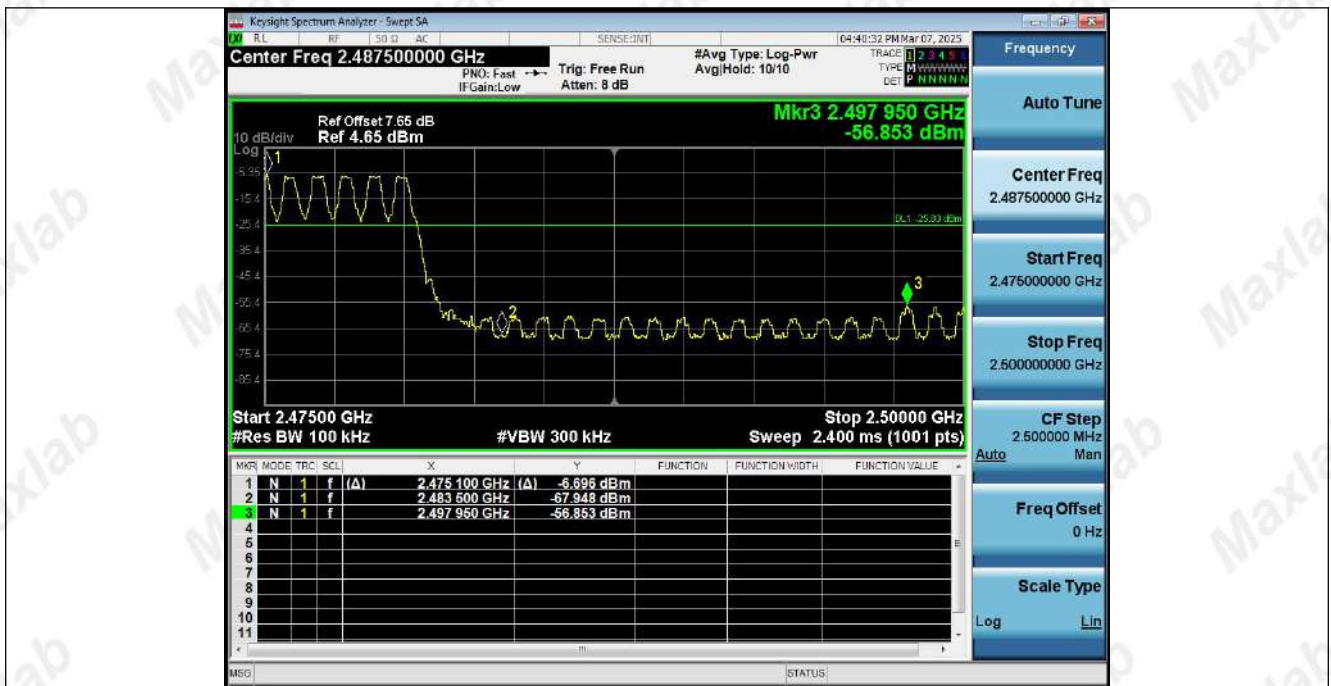
2 Bandedge NVNT ANT1_1-DH1_2480_00



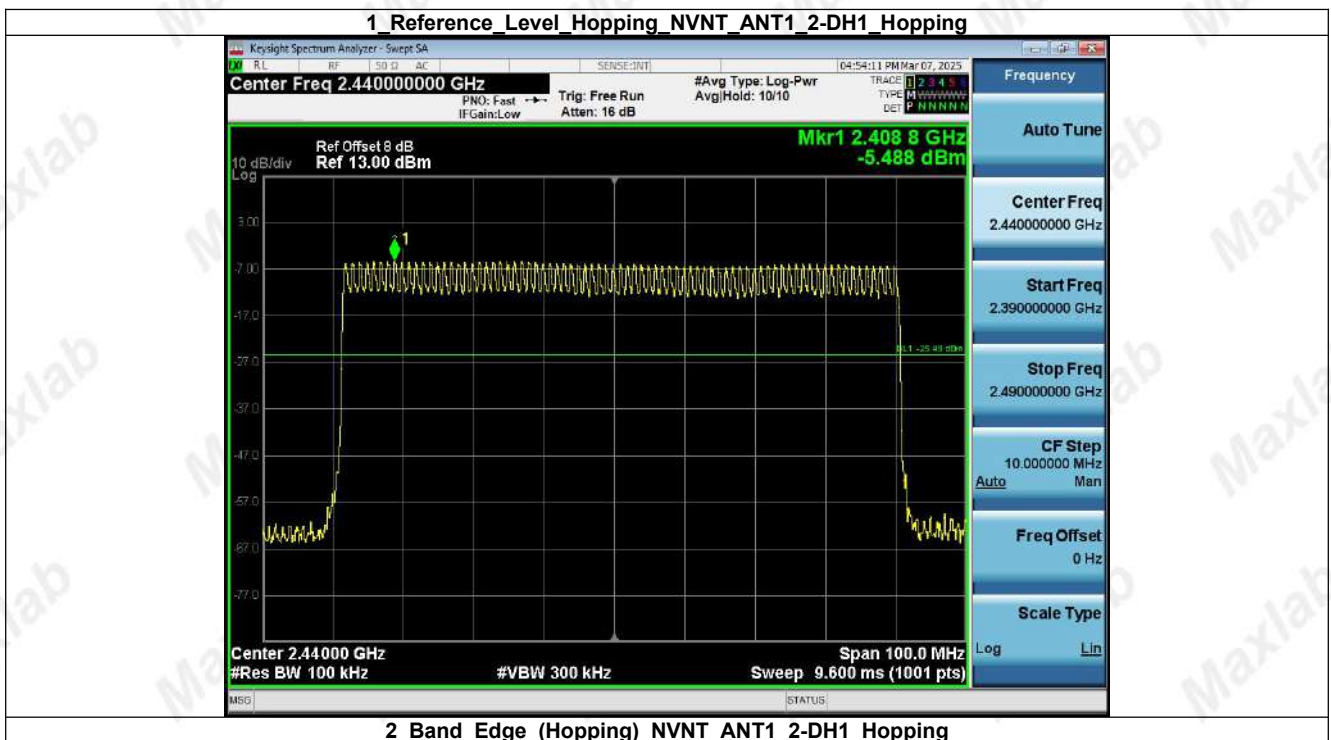
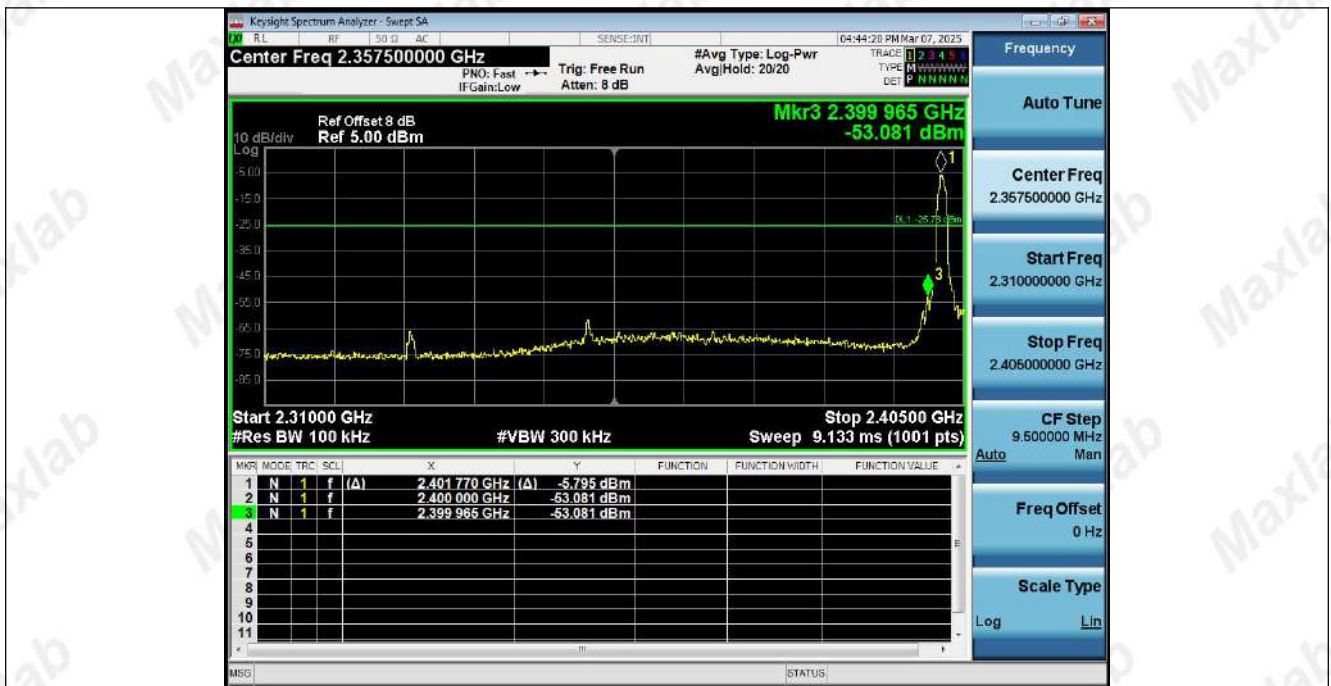
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



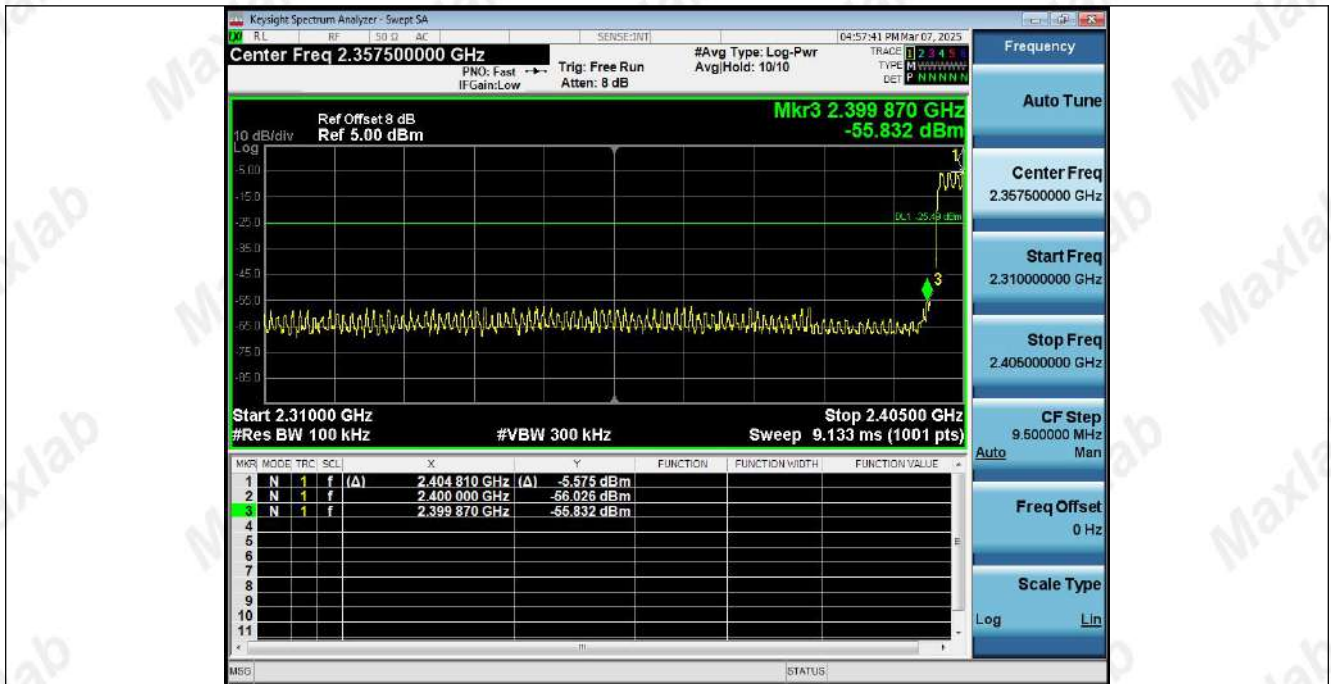
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping

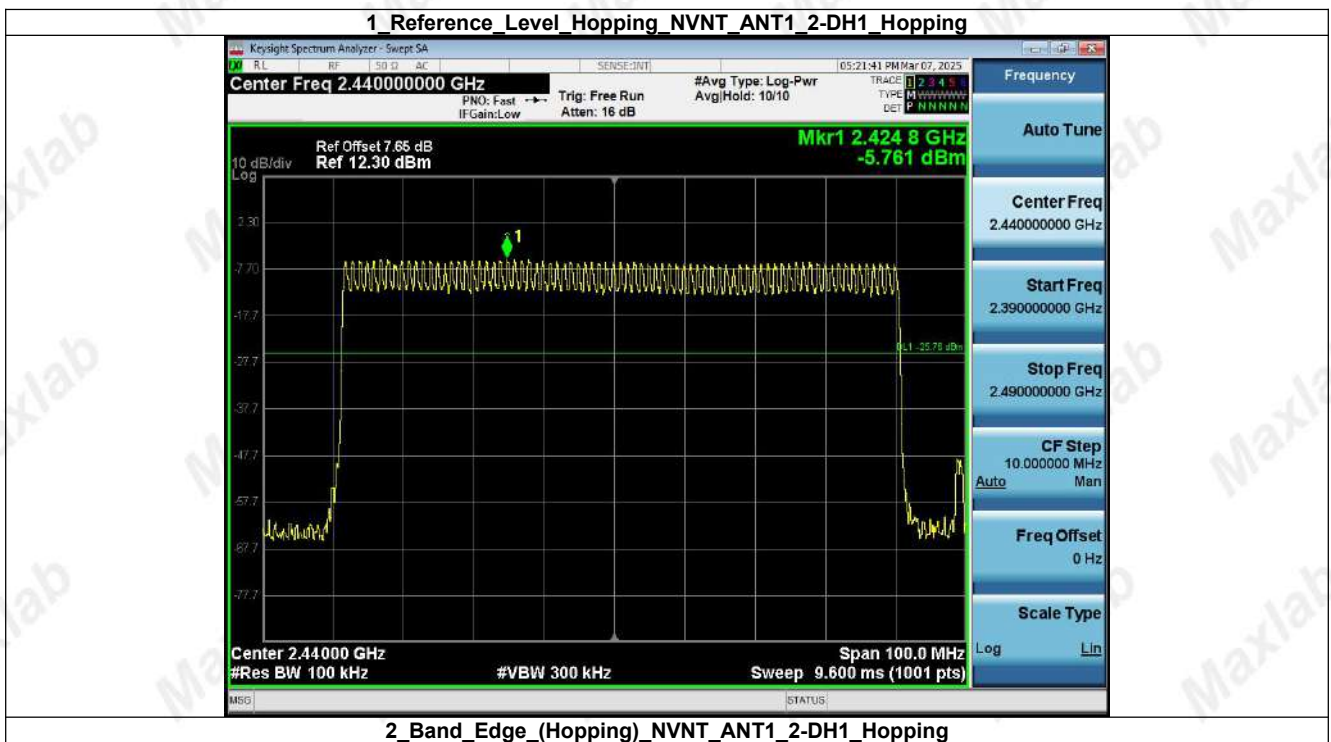
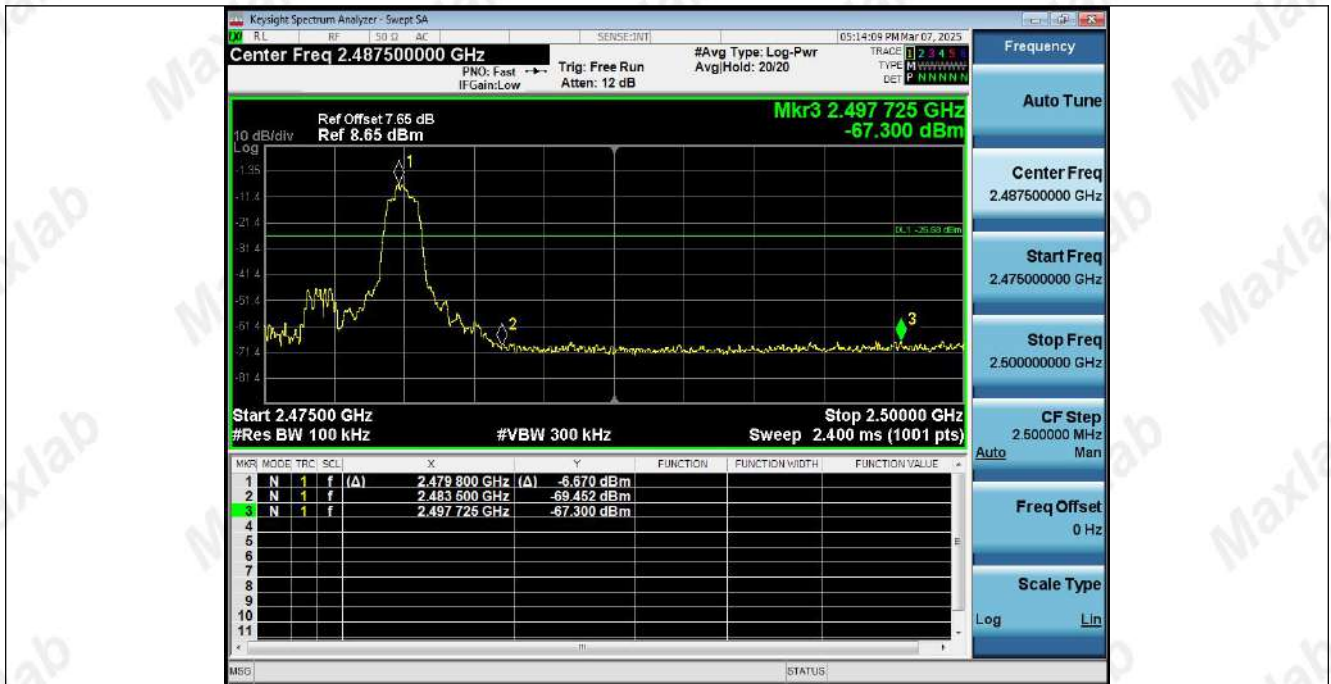


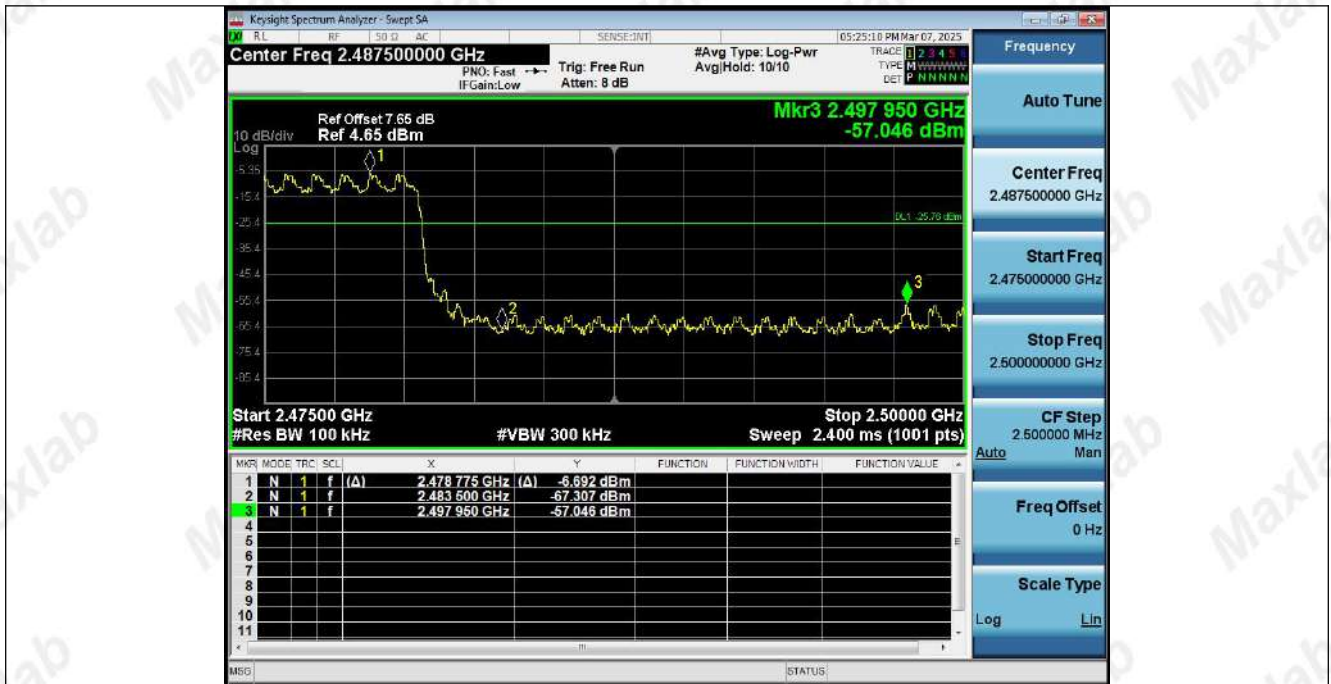
2 Bandedge NVNT ANT1 2-DH1 2402_00



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

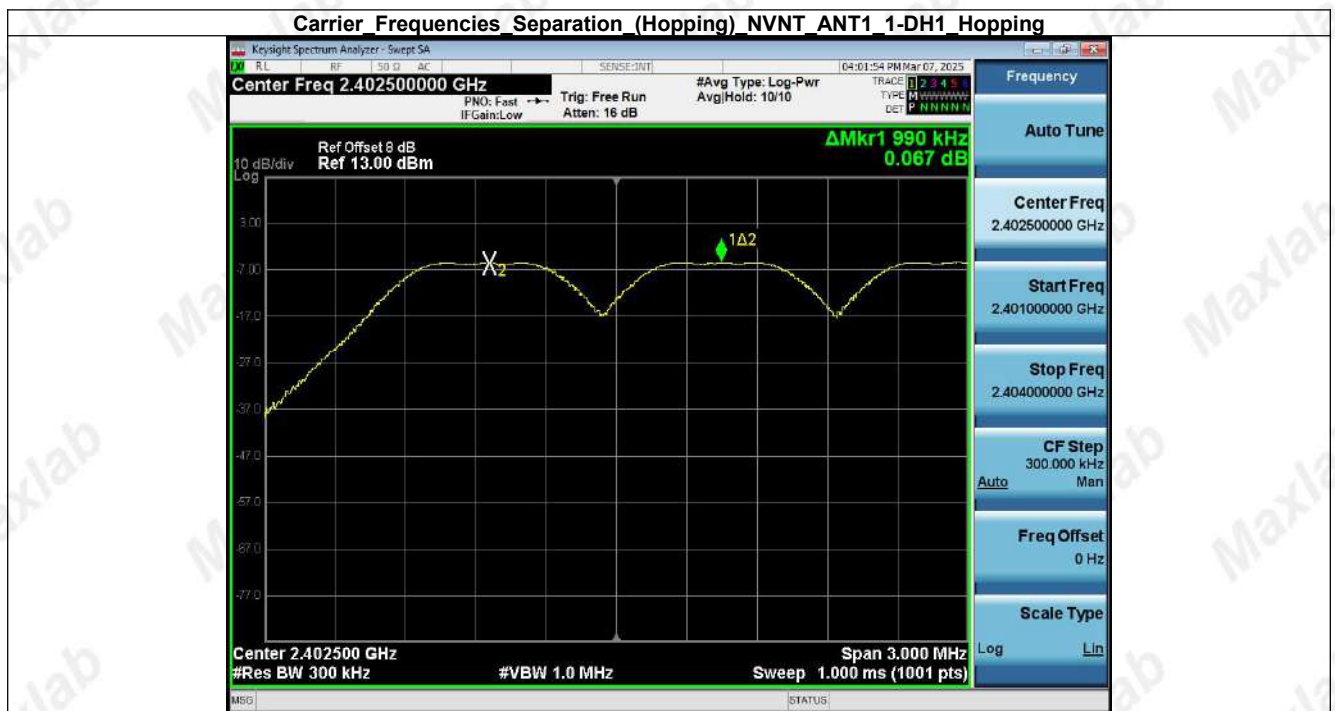






7. Carrier Frequencies Separation (Hopping)

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	2401.957	2402.947	0.99	0.928	Fail
NVNT	ANT1	1-DH1	2441.00	2440.768	2441.776	1.01	0.924	Fail
NVNT	ANT1	1-DH1	2480.00	2478.771	2479.776	1.00	0.878	Pass
NVNT	ANT1	2-DH1	2402.00	2401.969	2402.959	0.99	0.845	Pass
NVNT	ANT1	2-DH1	2441.00	2440.771	2441.776	1.00	0.841	Pass
NVNT	ANT1	2-DH1	2480.00	2478.777	2479.773	1.00	0.838	Pass



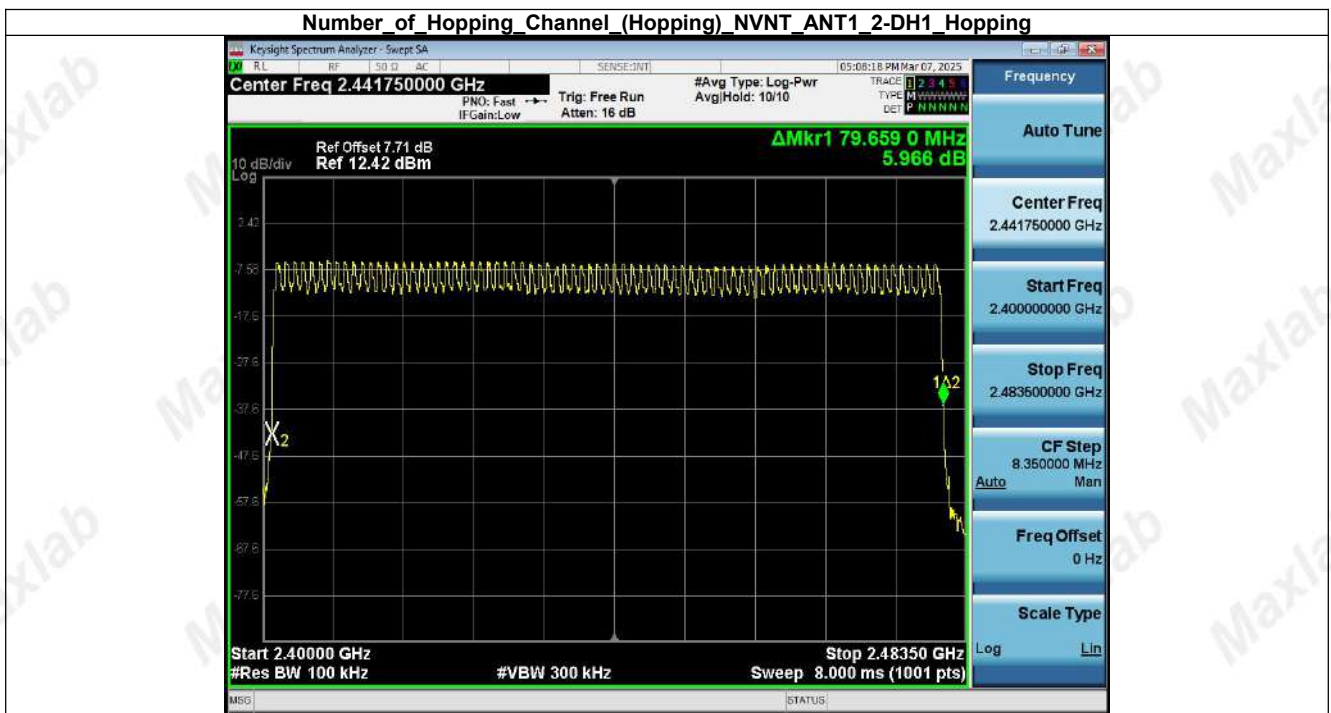
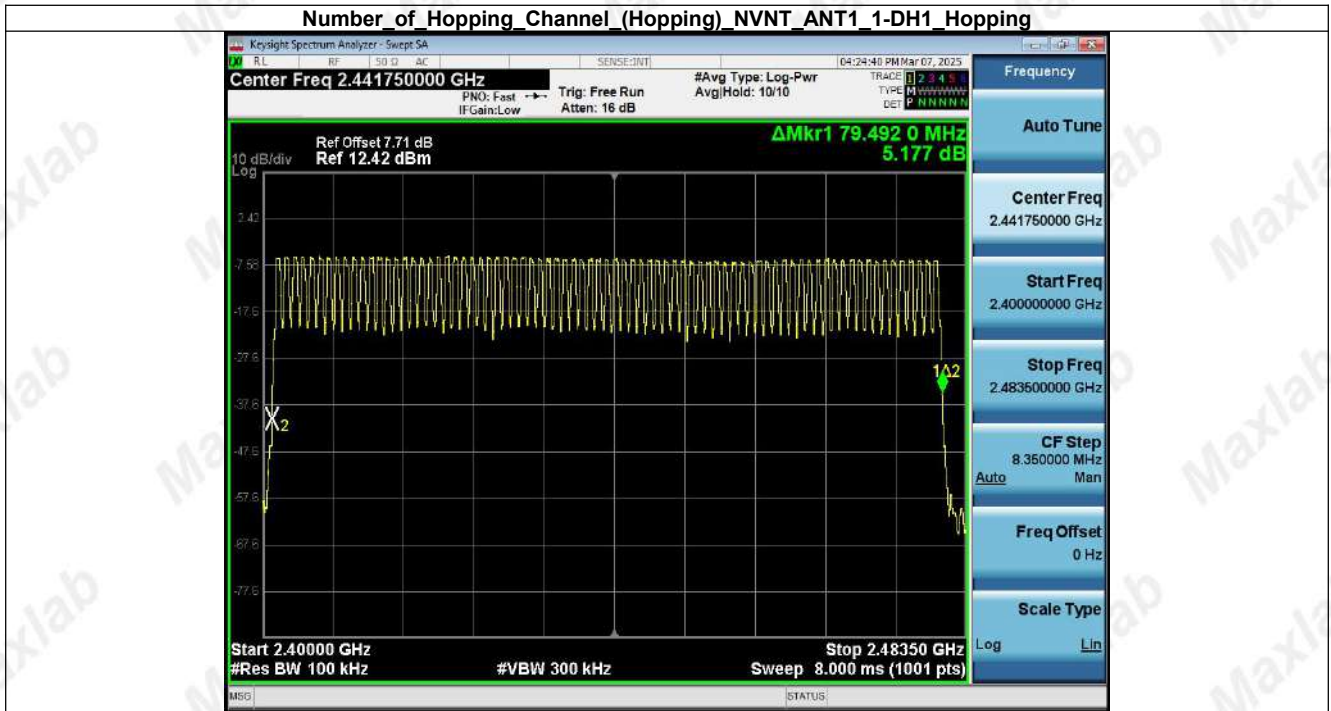






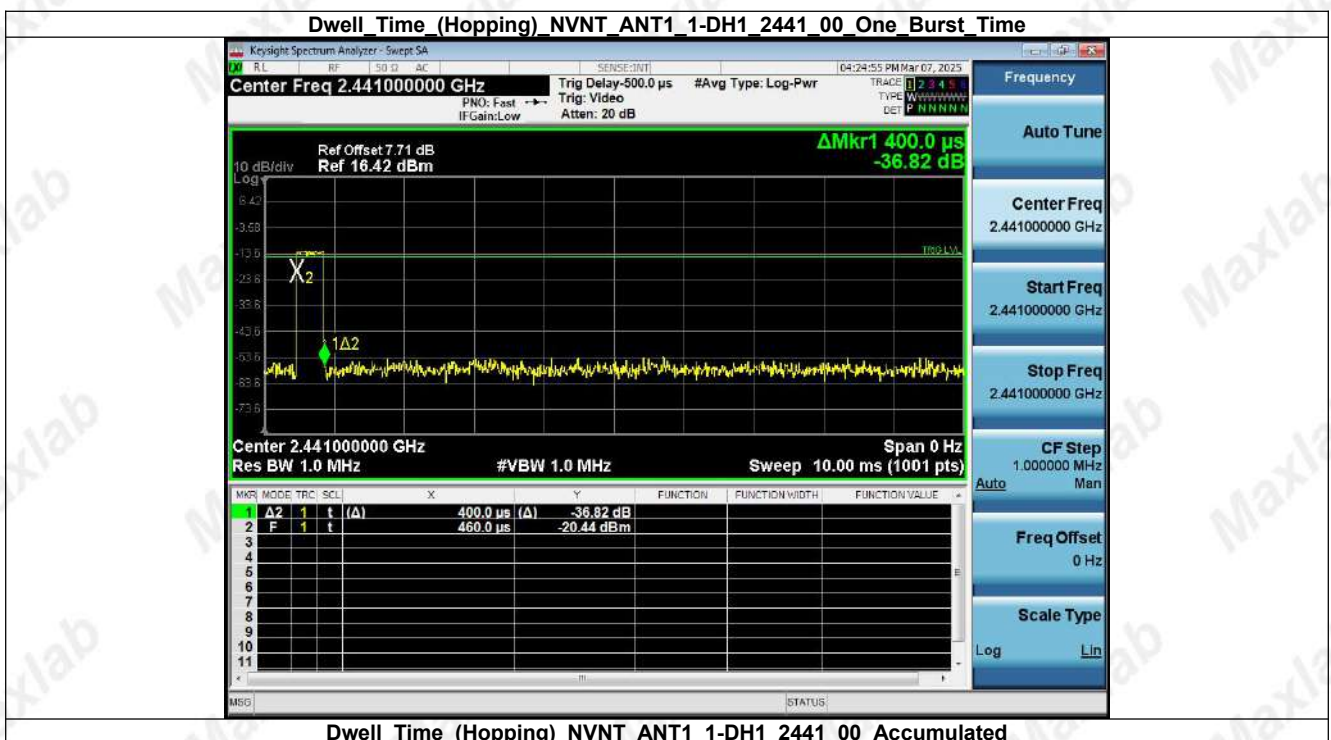
8. Number of Hopping Channel (Hopping)

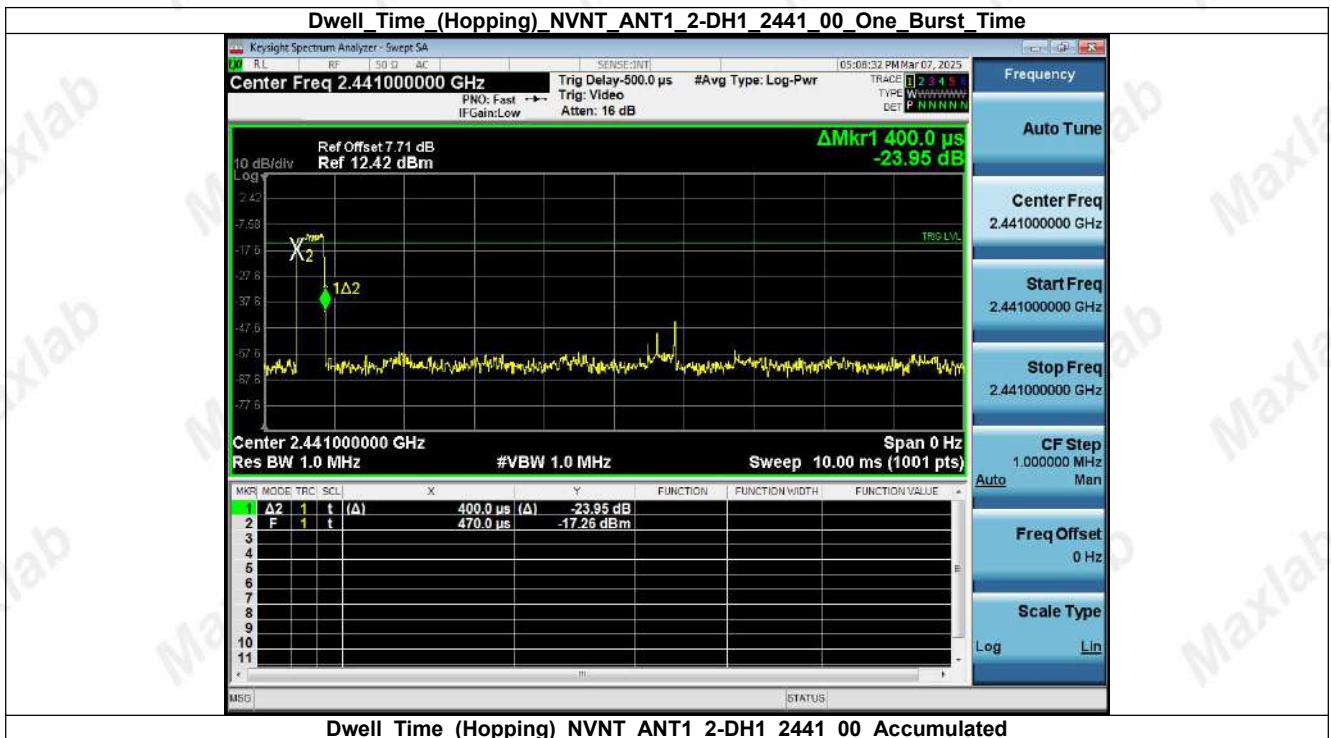
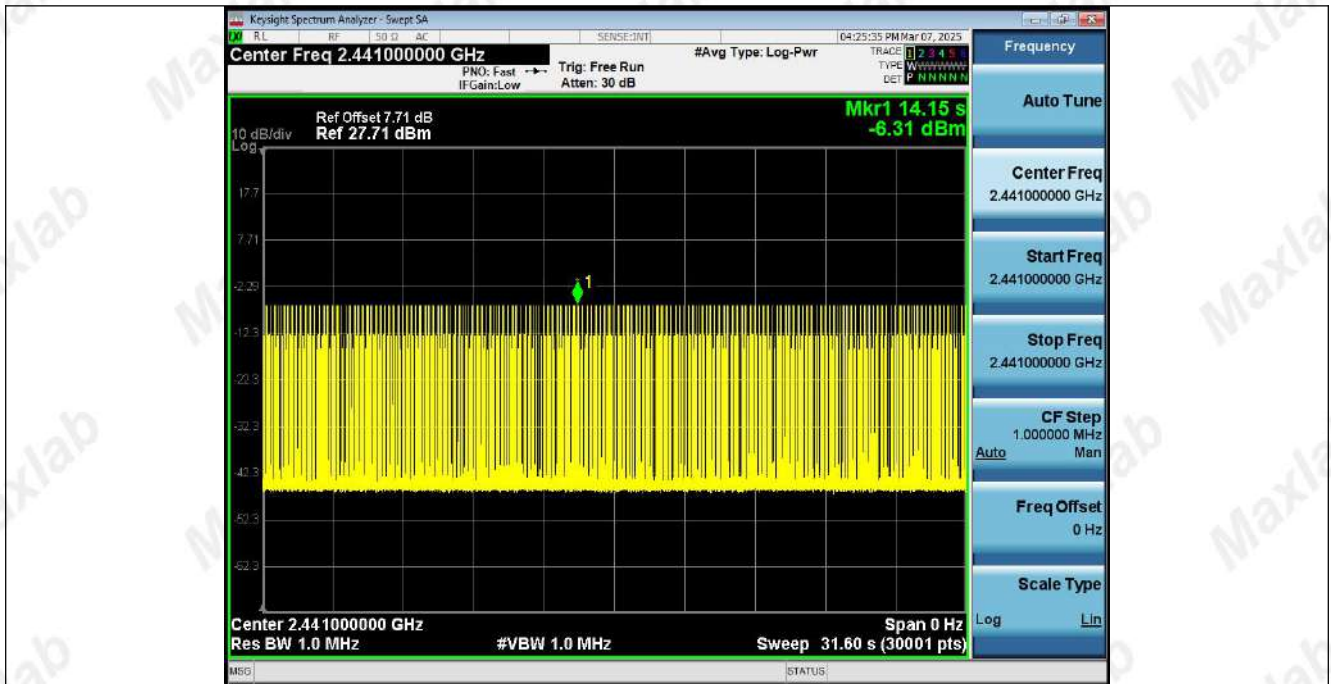
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass

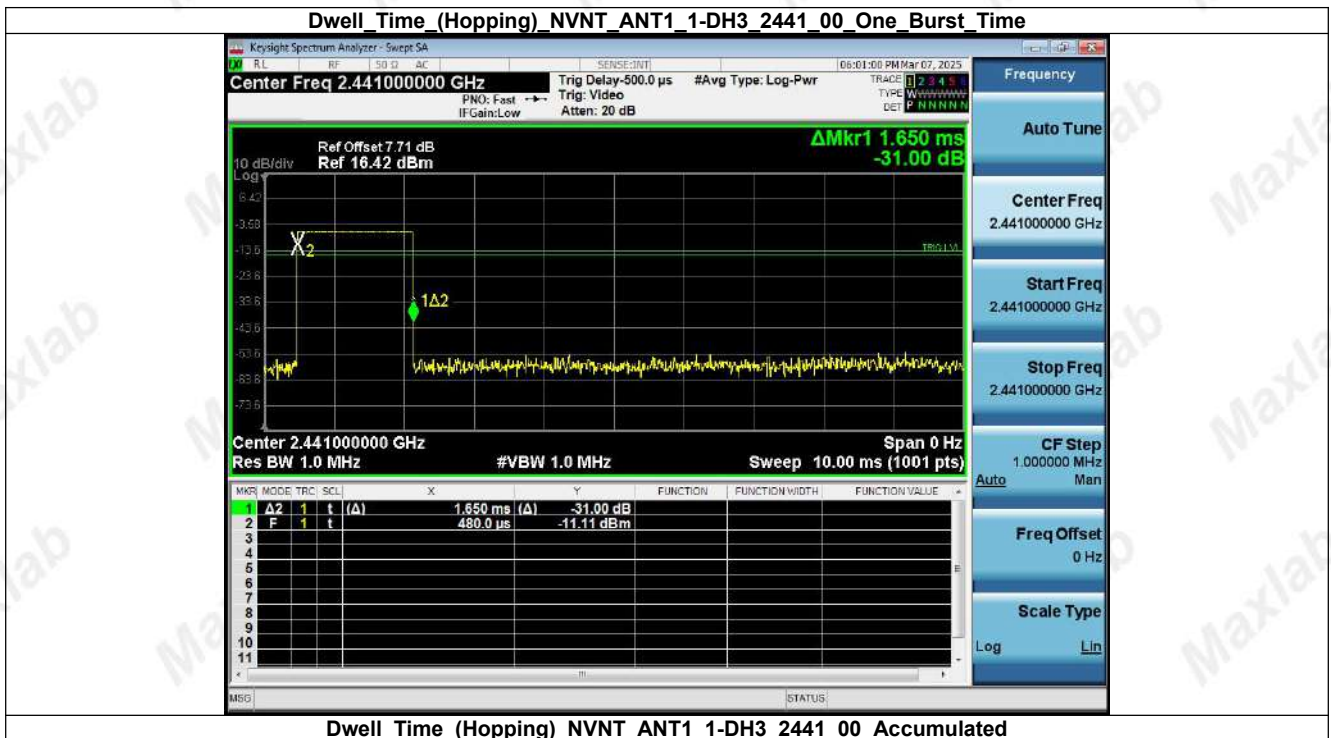
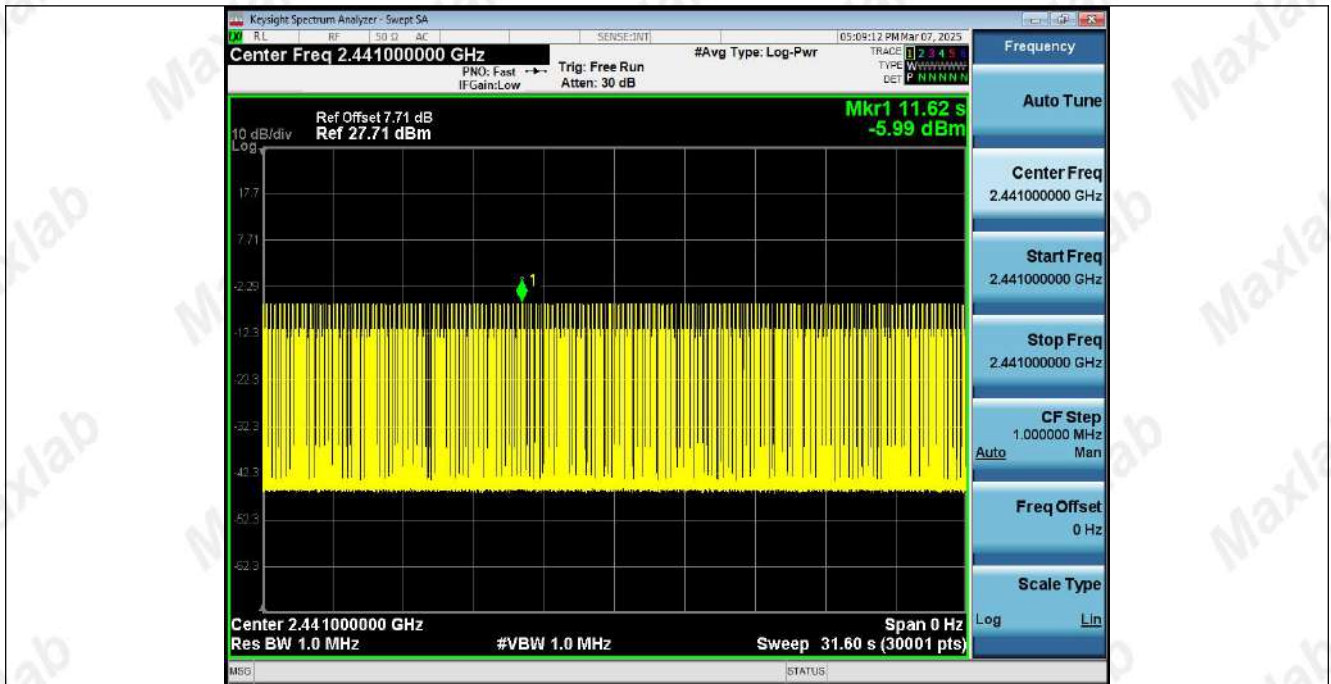


9. Dwell Time (Hopping)

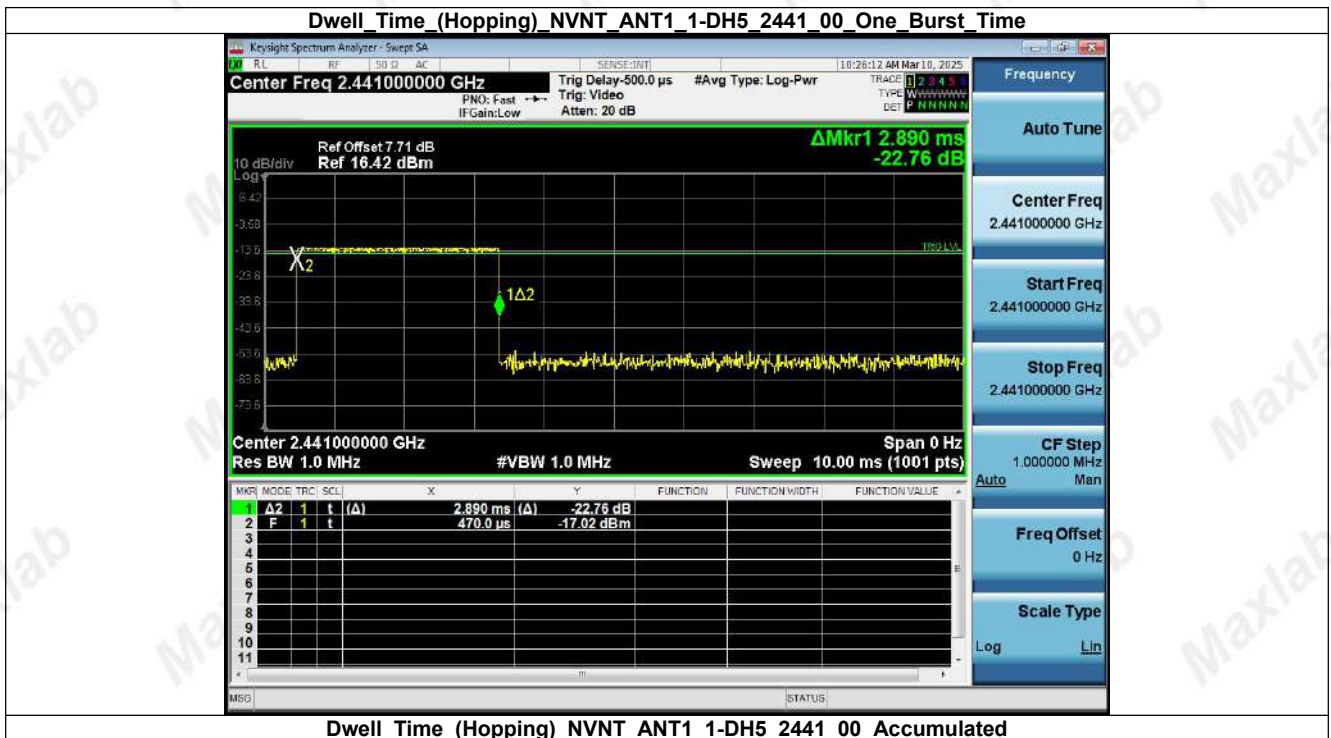
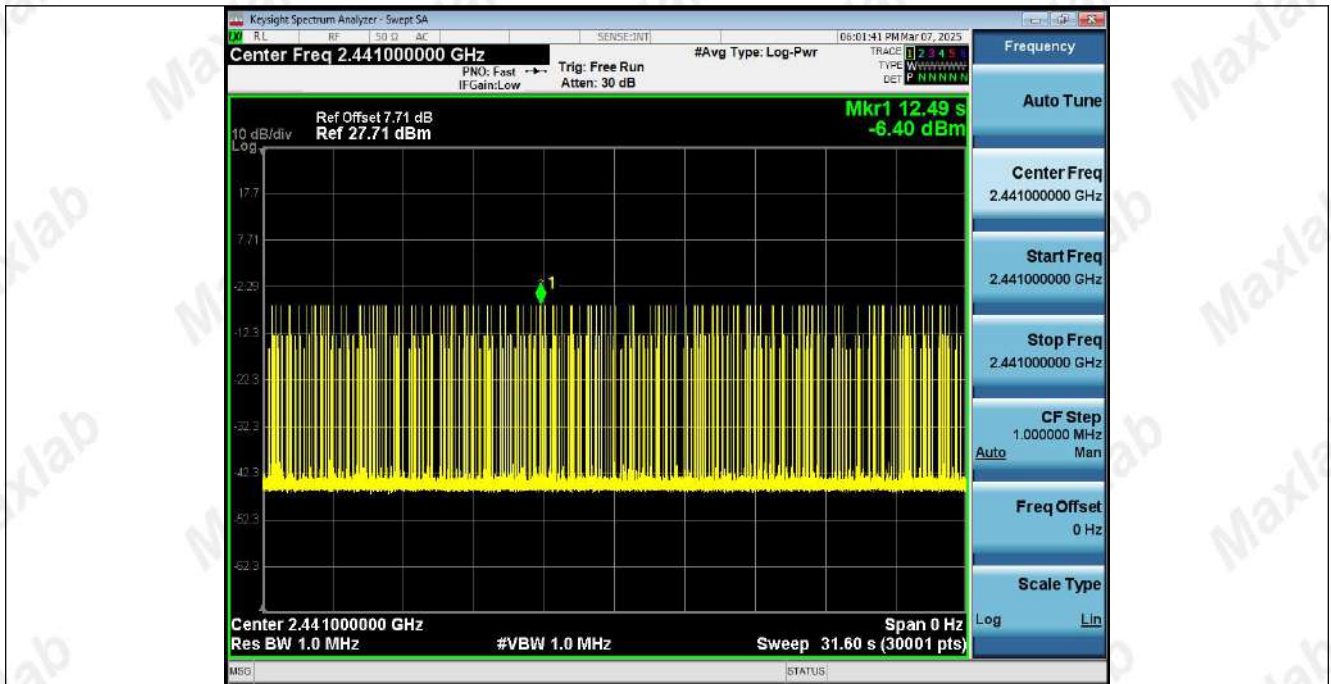
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	2-DH1	0.400	321.00	128.400	0.40	Pass
NVNT	ANT1	1-DH3	1.650	147.00	242.550	0.40	Pass
NVNT	ANT1	1-DH5	2.890	97.00	280.330	0.40	Pass
NVNT	ANT1	2-DH3	1.650	169.00	278.850	0.40	Pass
NVNT	ANT1	2-DH5	2.910	99.00	288.090	0.40	Pass



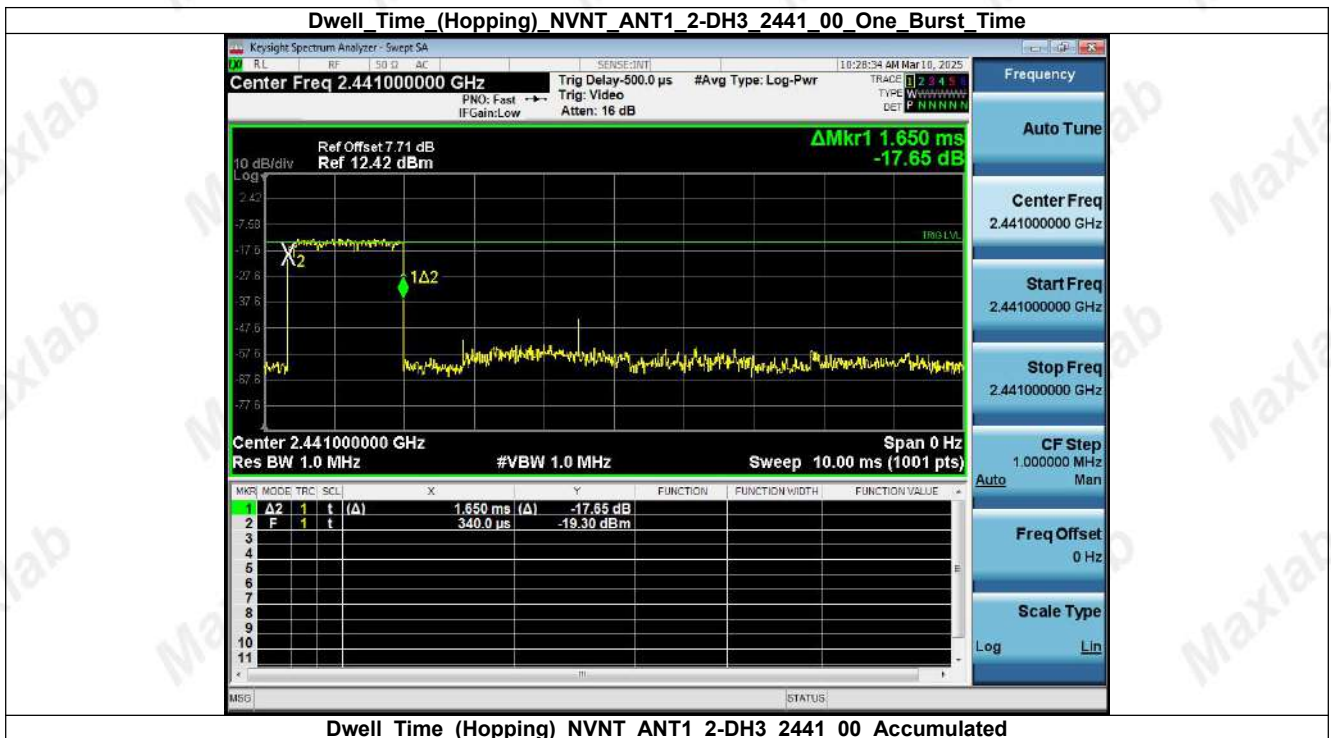
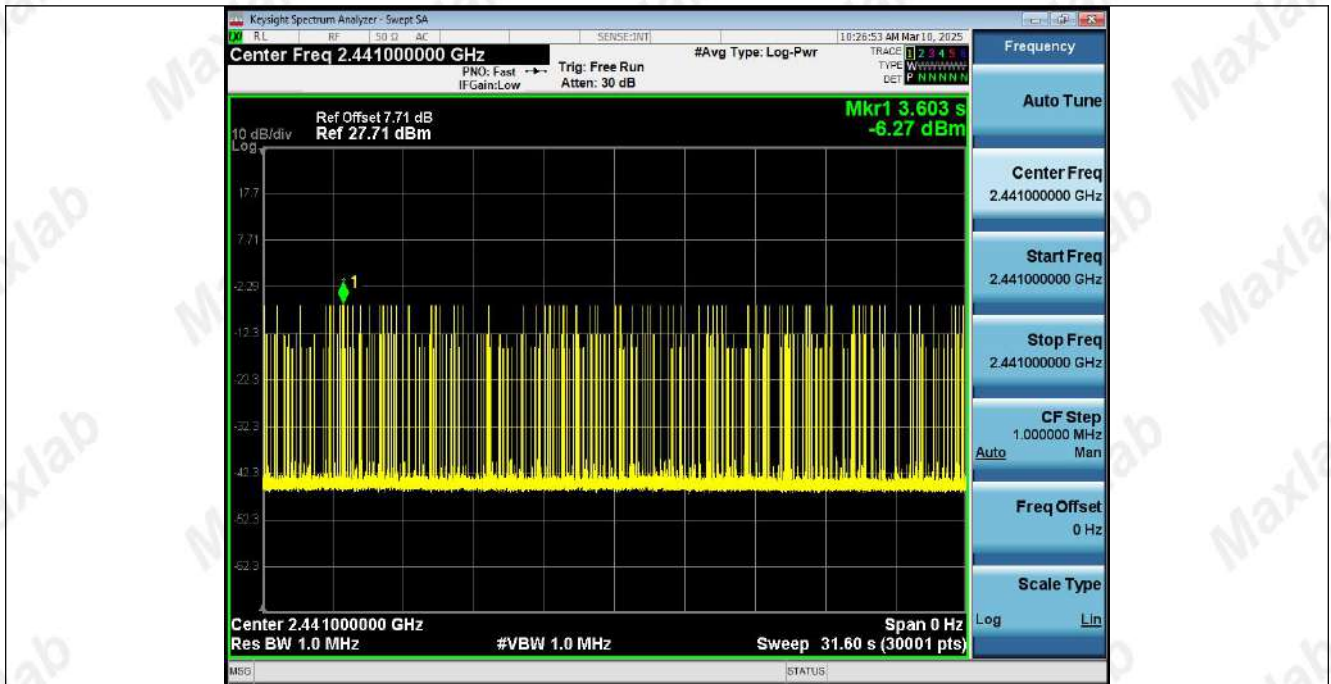


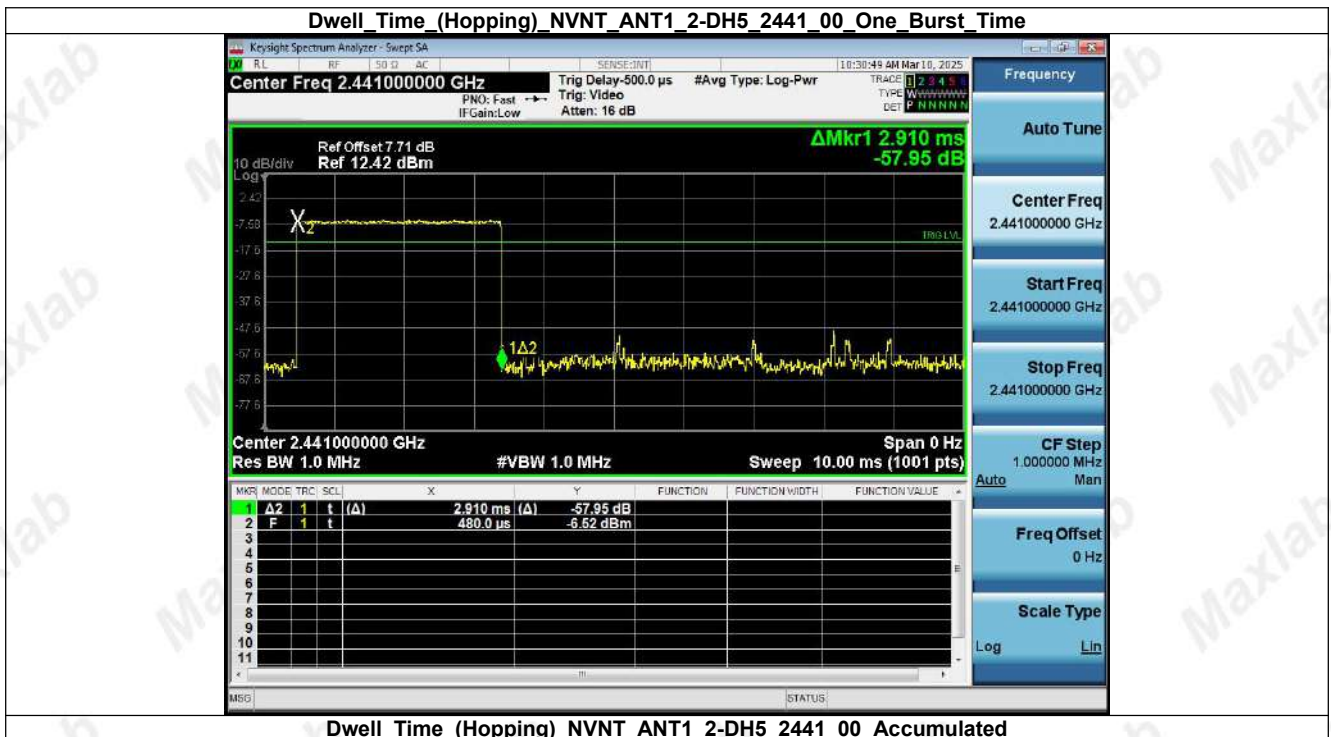
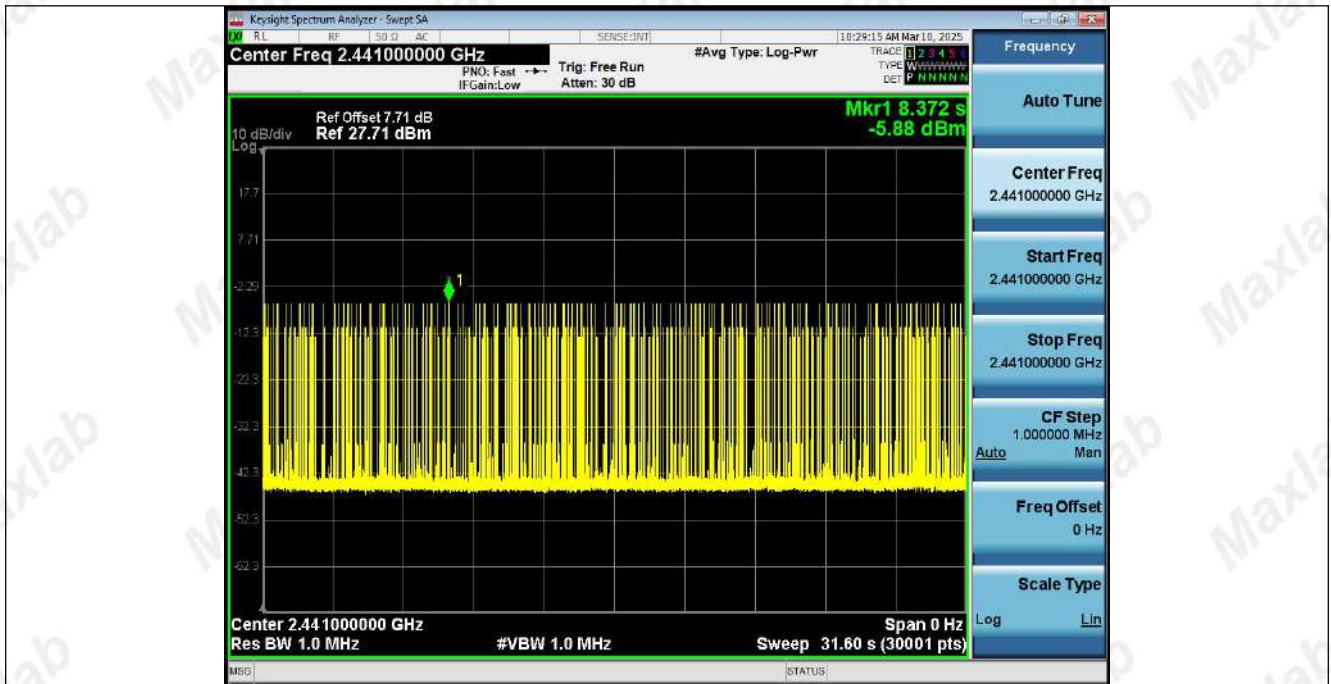


Dwell_Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated





Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated

