

Table of Contents

1. Duty Cycle	2
2. -20dB Bandwidth	7
3. 99% Occupied Bandwidth	13
4. Peak Output Power	19
5. Spurious Emissions	20
6. Bandedge	30
7. Carrier Frequencies Separation (Hopping)	43
8. Number of Hopping Channel (Hopping)	48
9. Dwell Time (Hopping)	50

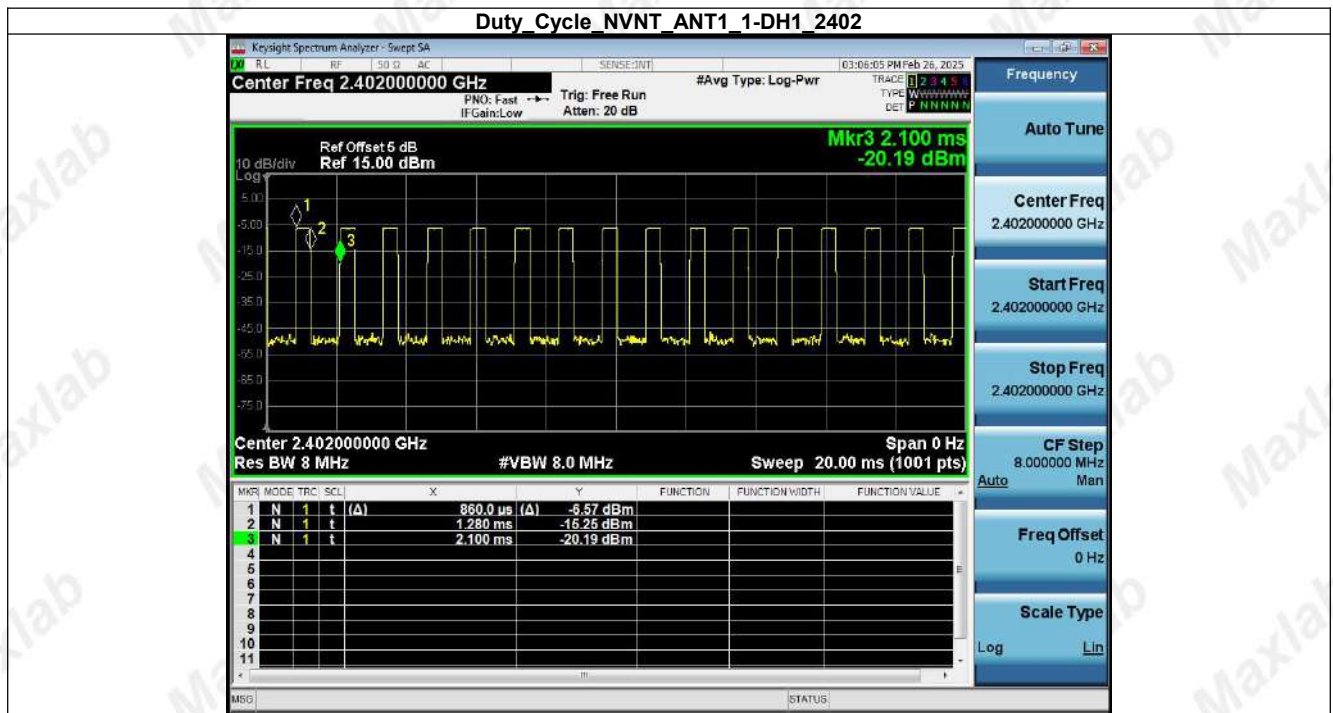
Report No.:MAX250225110P01-R01

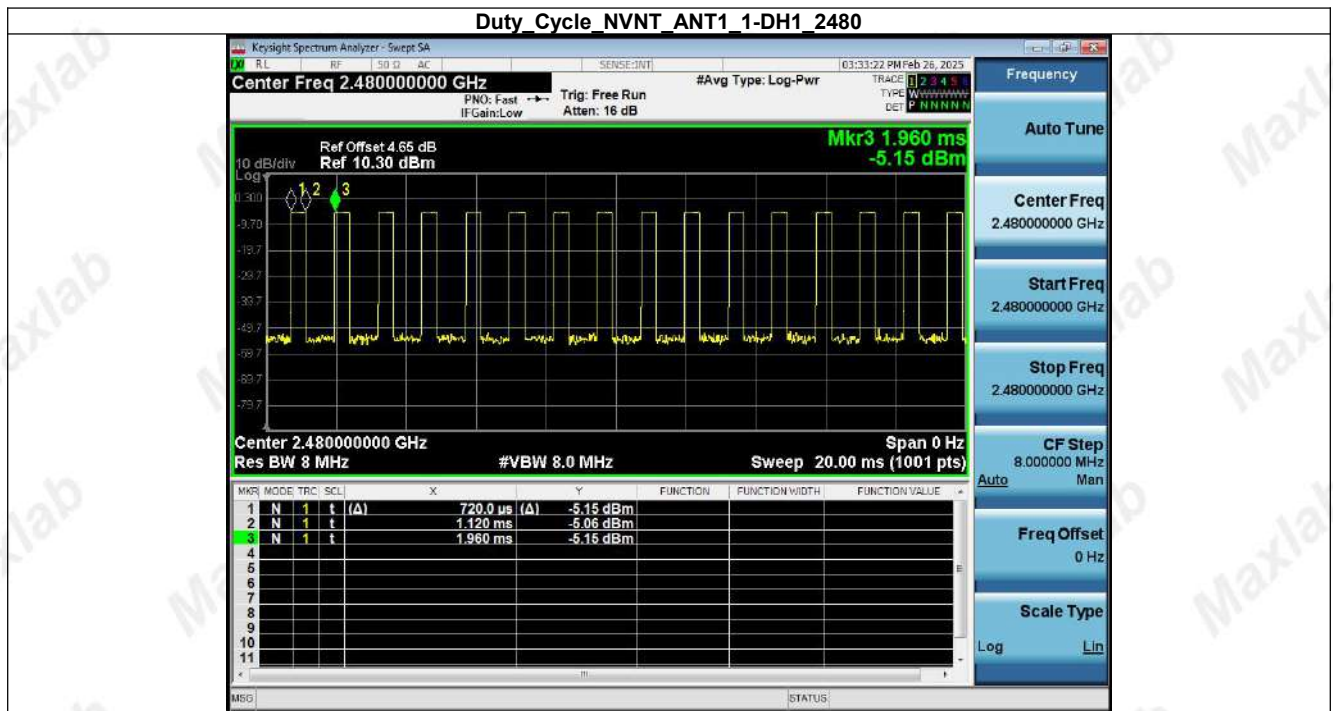
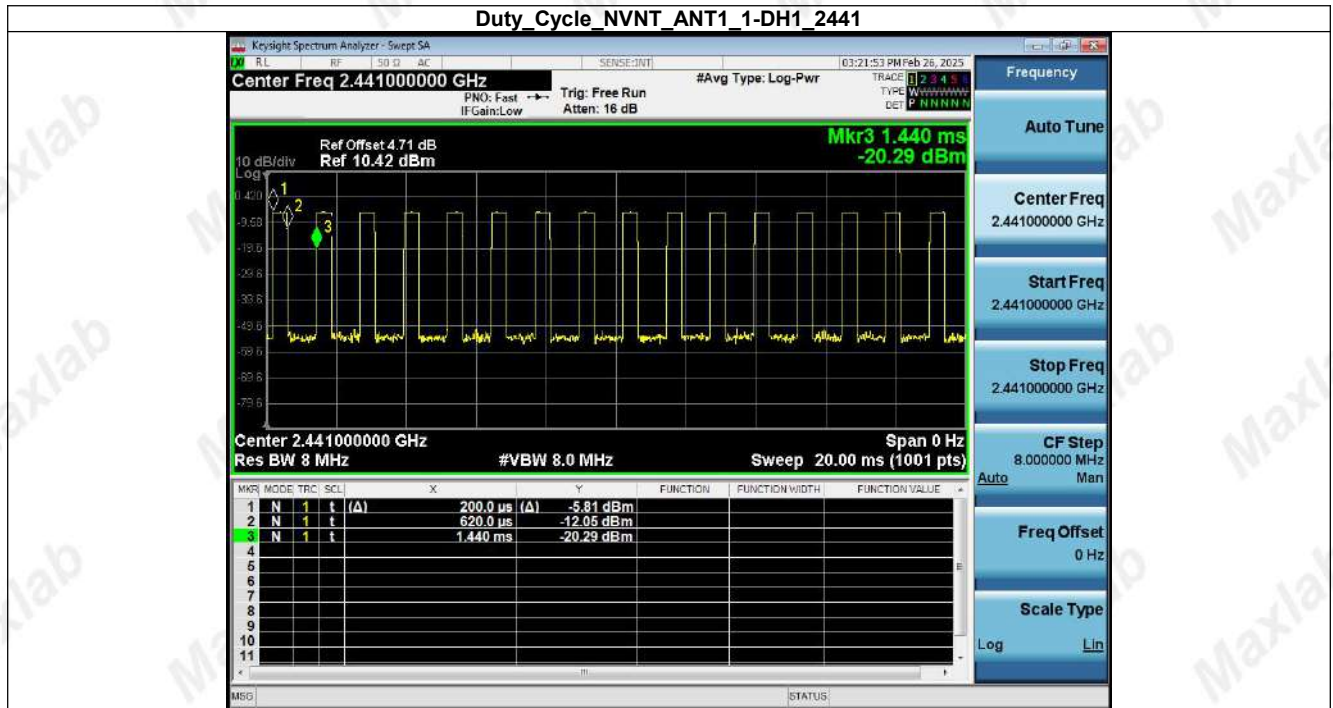
FCC ID:2BFZP-W16

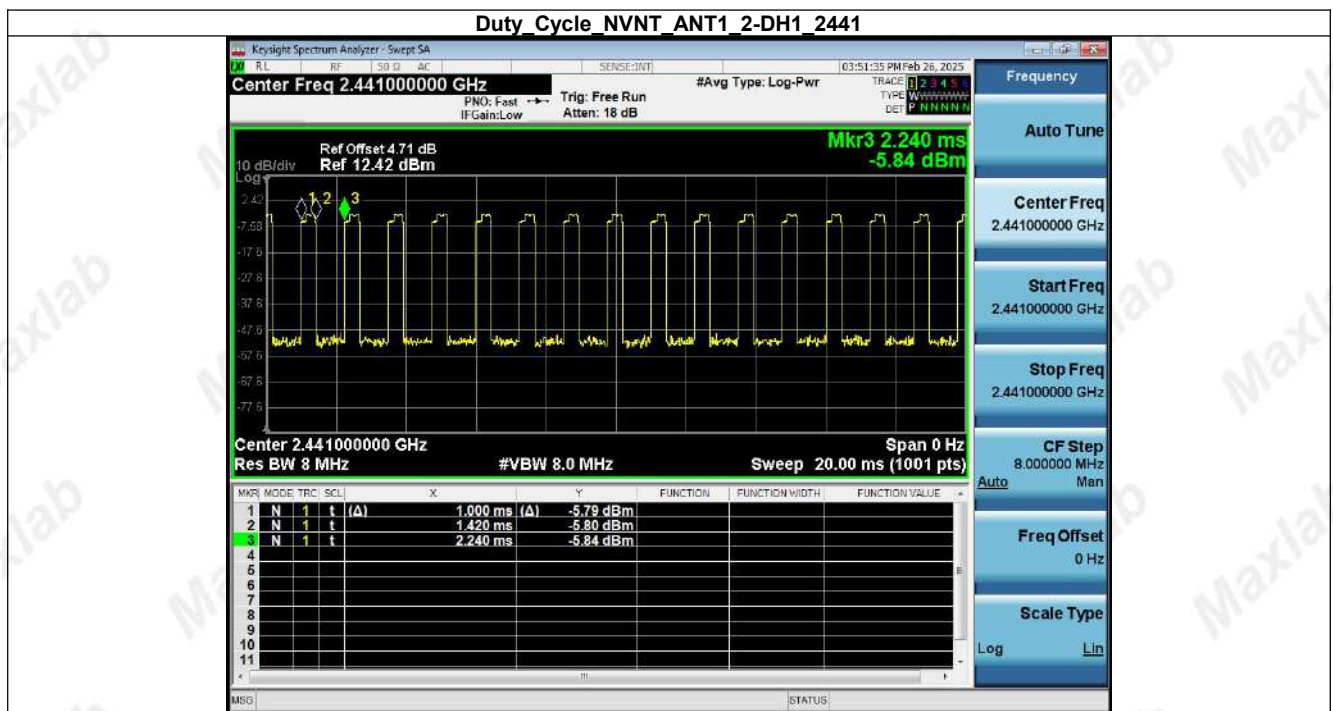
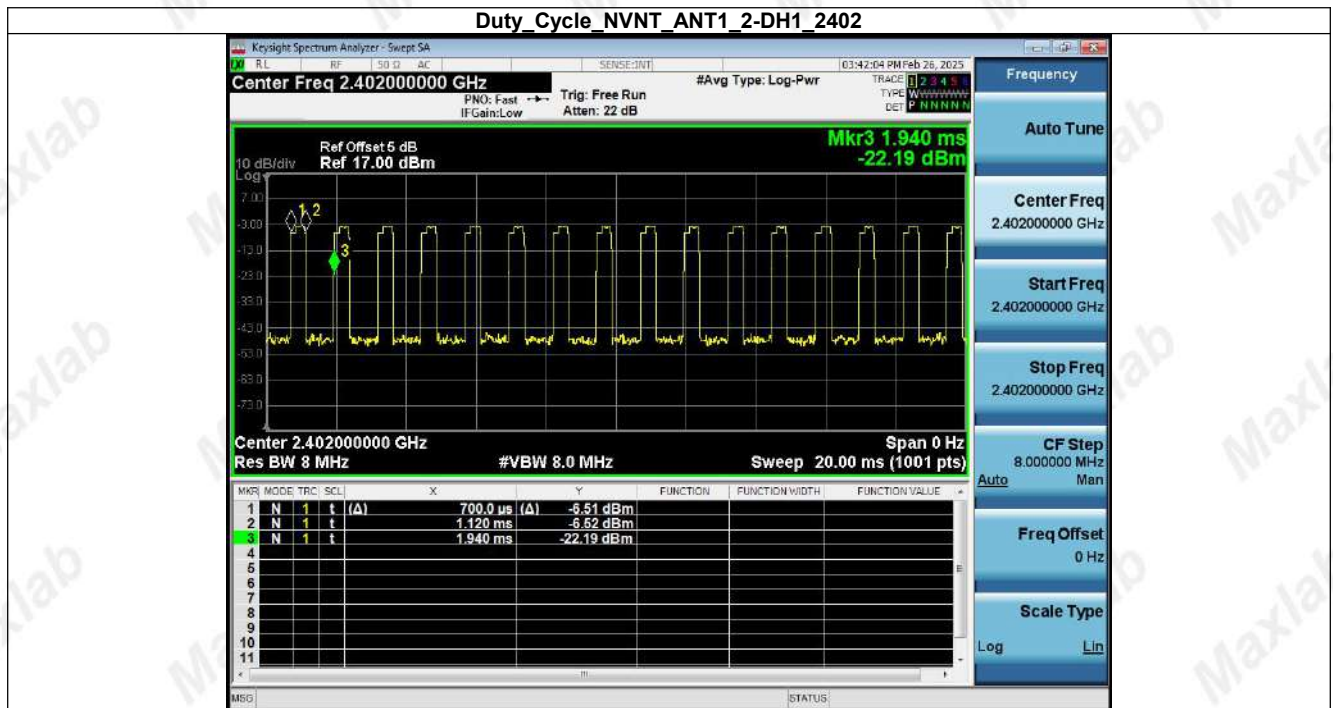
FCC_BT (Part15.247) Test Data

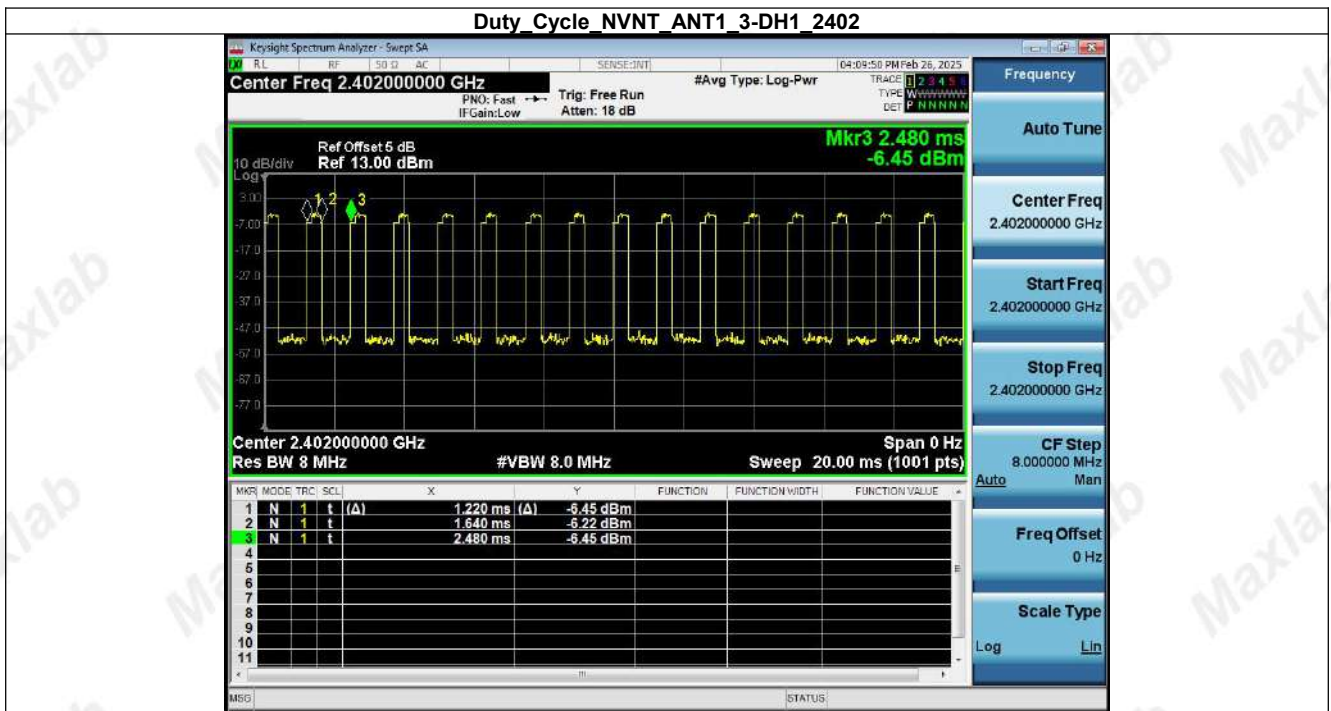
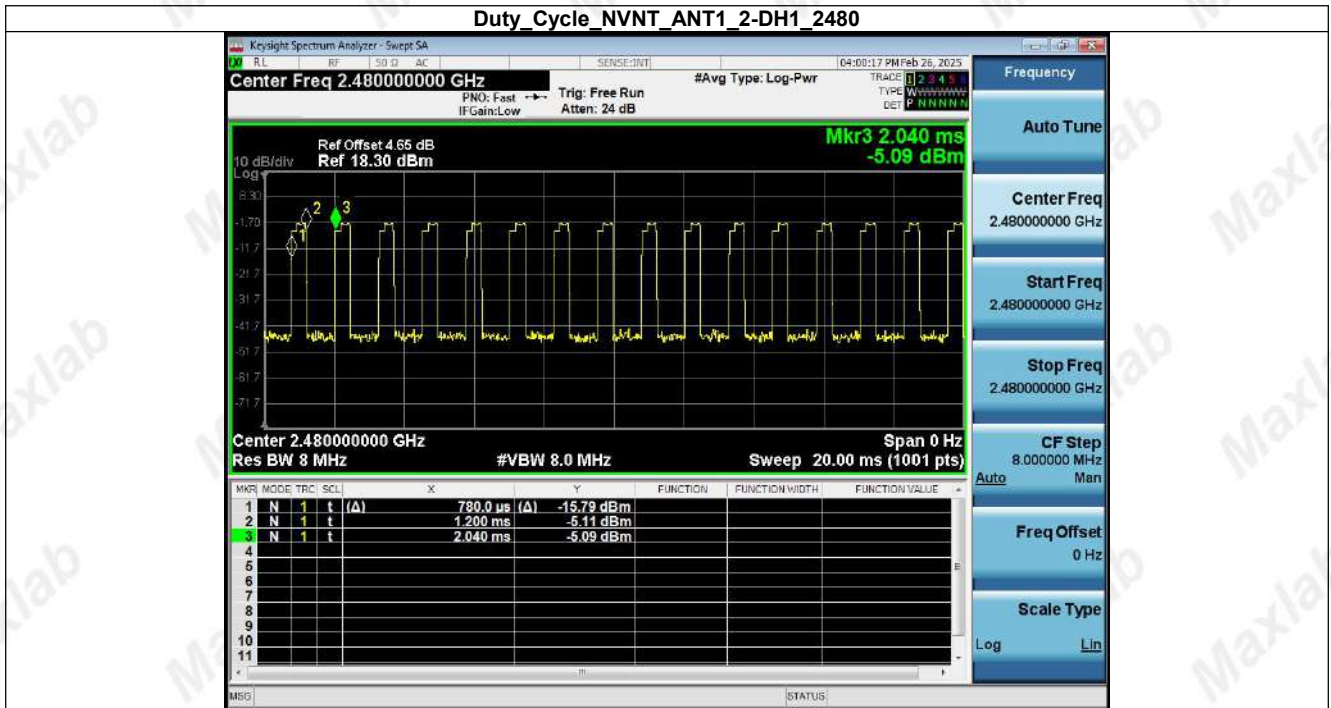
1. Duty Cycle

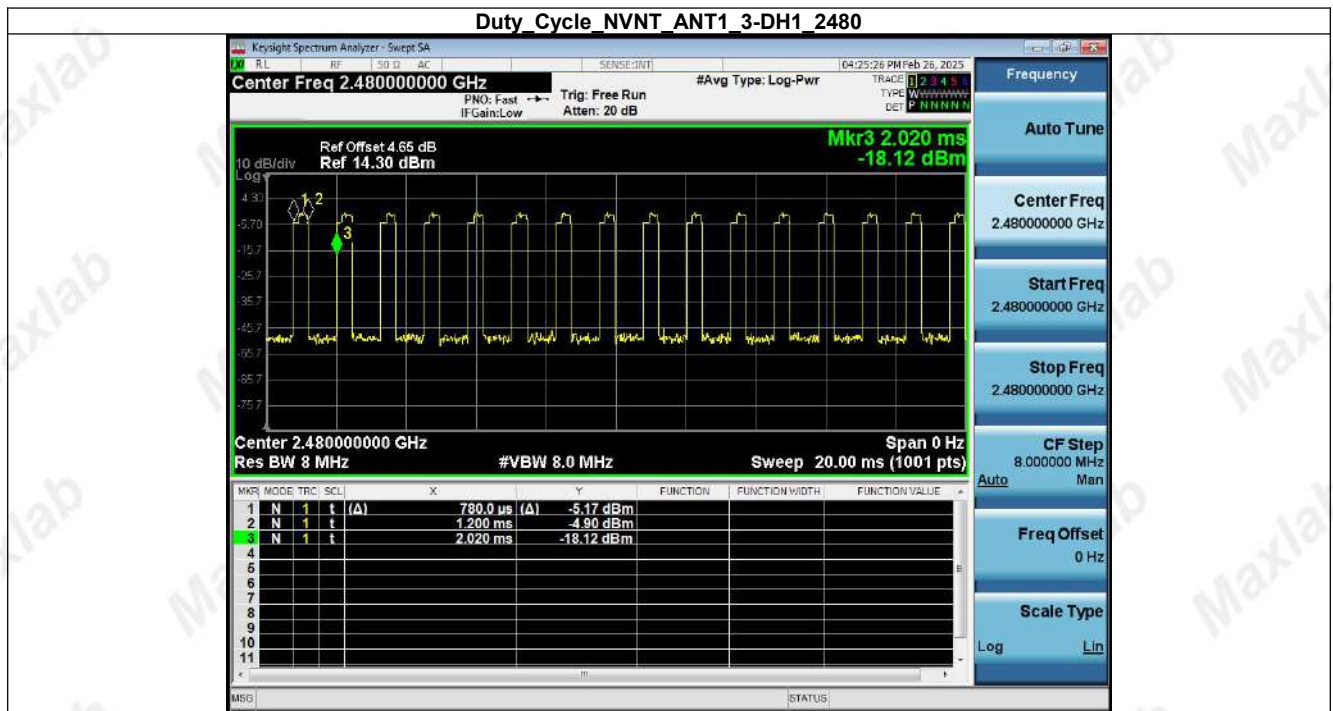
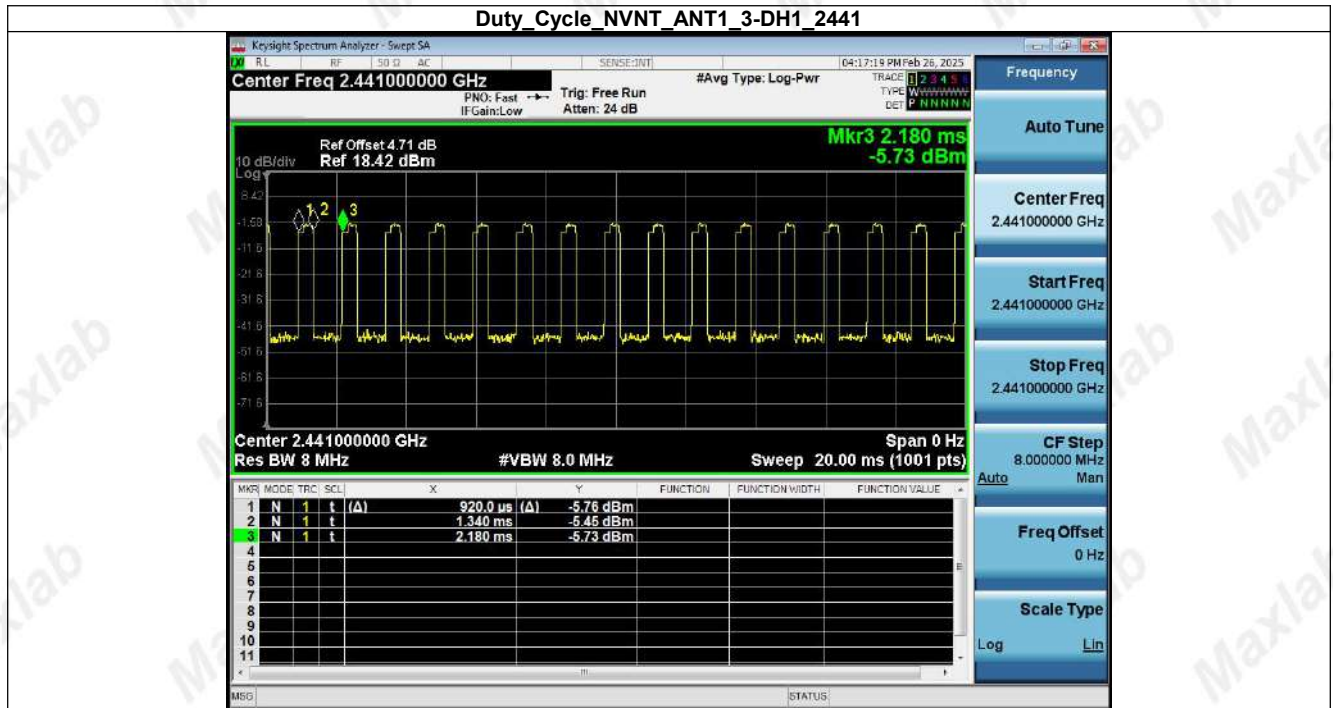
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	35.48	4.50
NVNT	ANT1	1-DH1	2441.00	33.87	4.70
NVNT	ANT1	1-DH1	2480.00	32.26	4.91
NVNT	ANT1	2-DH1	2402.00	33.87	4.70
NVNT	ANT1	2-DH1	2441.00	35.48	4.50
NVNT	ANT1	2-DH1	2480.00	33.33	4.77
NVNT	ANT1	3-DH1	2402.00	34.92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





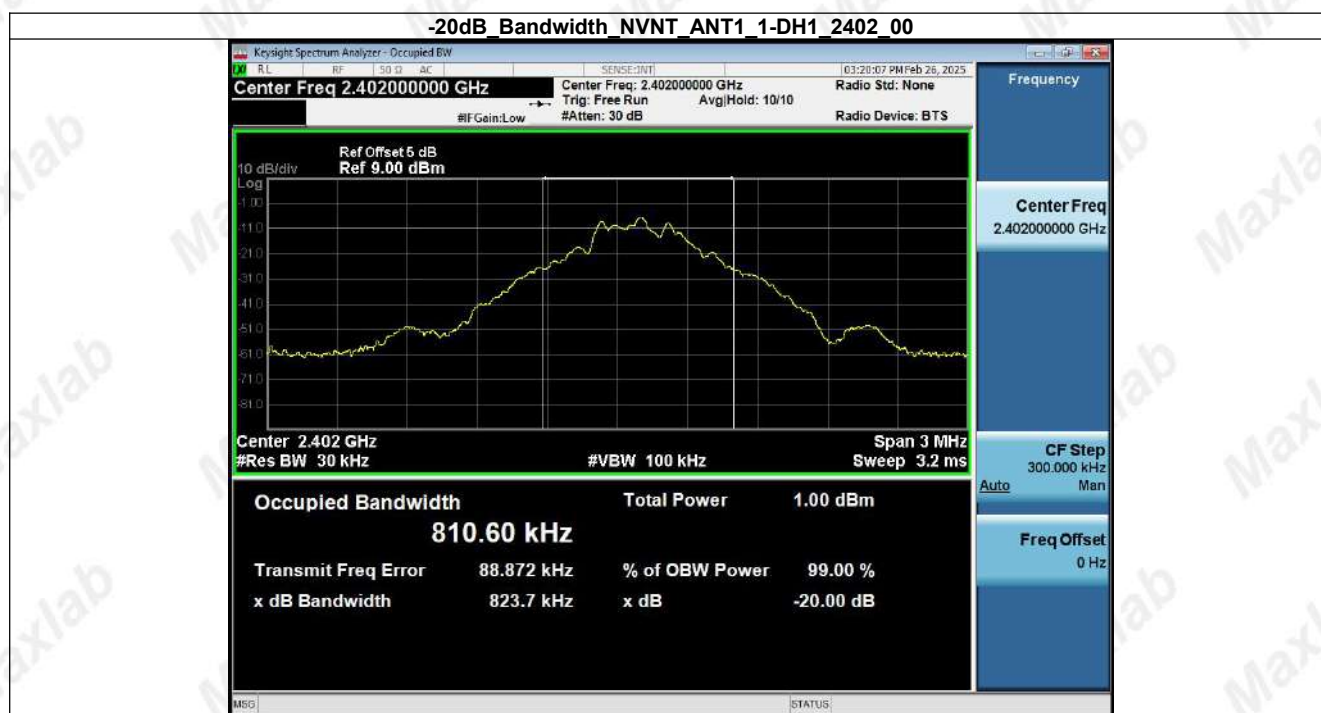






2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.824	No
NVNT	ANT1	1-DH1	2441.00	0.813	No
NVNT	ANT1	1-DH1	2480.00	0.824	No
NVNT	ANT1	2-DH1	2402.00	1.252	Yes
NVNT	ANT1	2-DH1	2441.00	1.252	Yes
NVNT	ANT1	2-DH1	2480.00	1.253	Yes
NVNT	ANT1	3-DH1	2402.00	1.212	Yes
NVNT	ANT1	3-DH1	2441.00	1.207	Yes
NVNT	ANT1	3-DH1	2480.00	1.210	Yes



-20dB Bandwidth_NVNT_ANT1_1-DH1_2441_00











3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.809
NVNT	ANT1	1-DH1	2441.00	0.808
NVNT	ANT1	1-DH1	2480.00	0.809
NVNT	ANT1	2-DH1	2402.00	1.160
NVNT	ANT1	2-DH1	2441.00	1.160
NVNT	ANT1	2-DH1	2480.00	1.160
NVNT	ANT1	3-DH1	2402.00	1.152
NVNT	ANT1	3-DH1	2441.00	1.151
NVNT	ANT1	3-DH1	2480.00	1.151

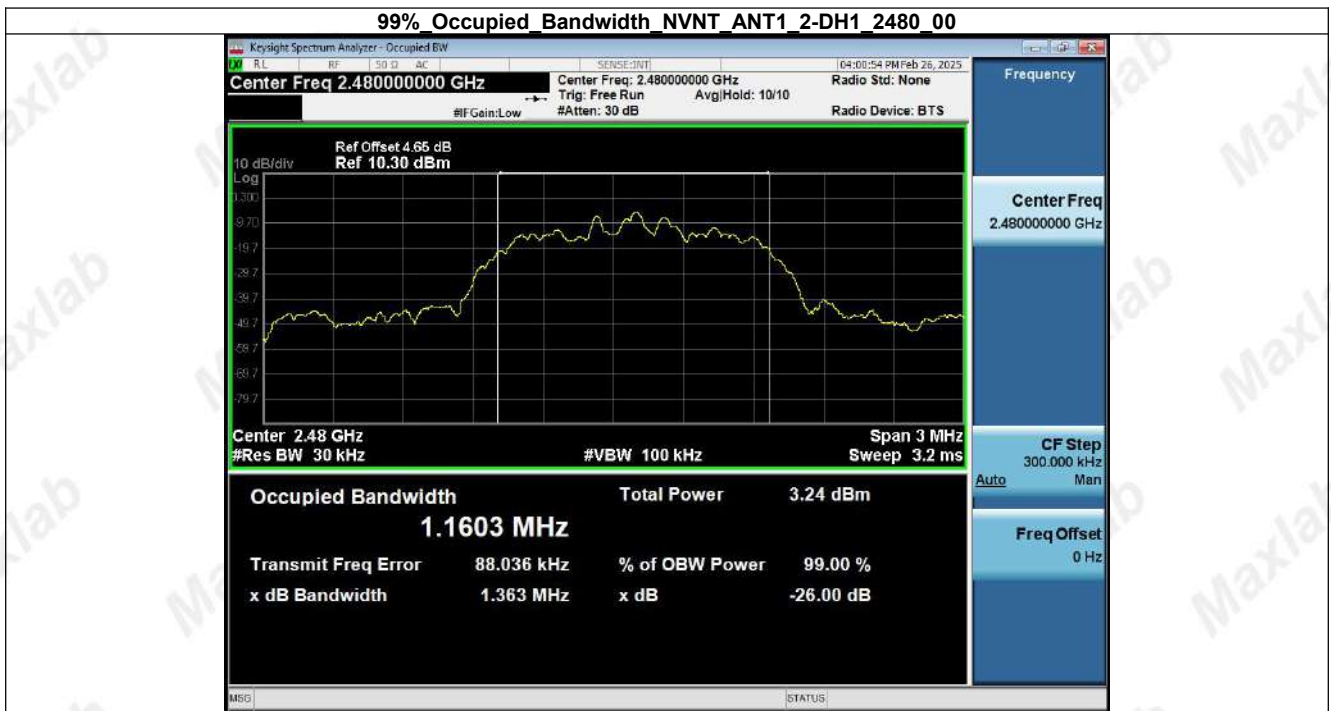
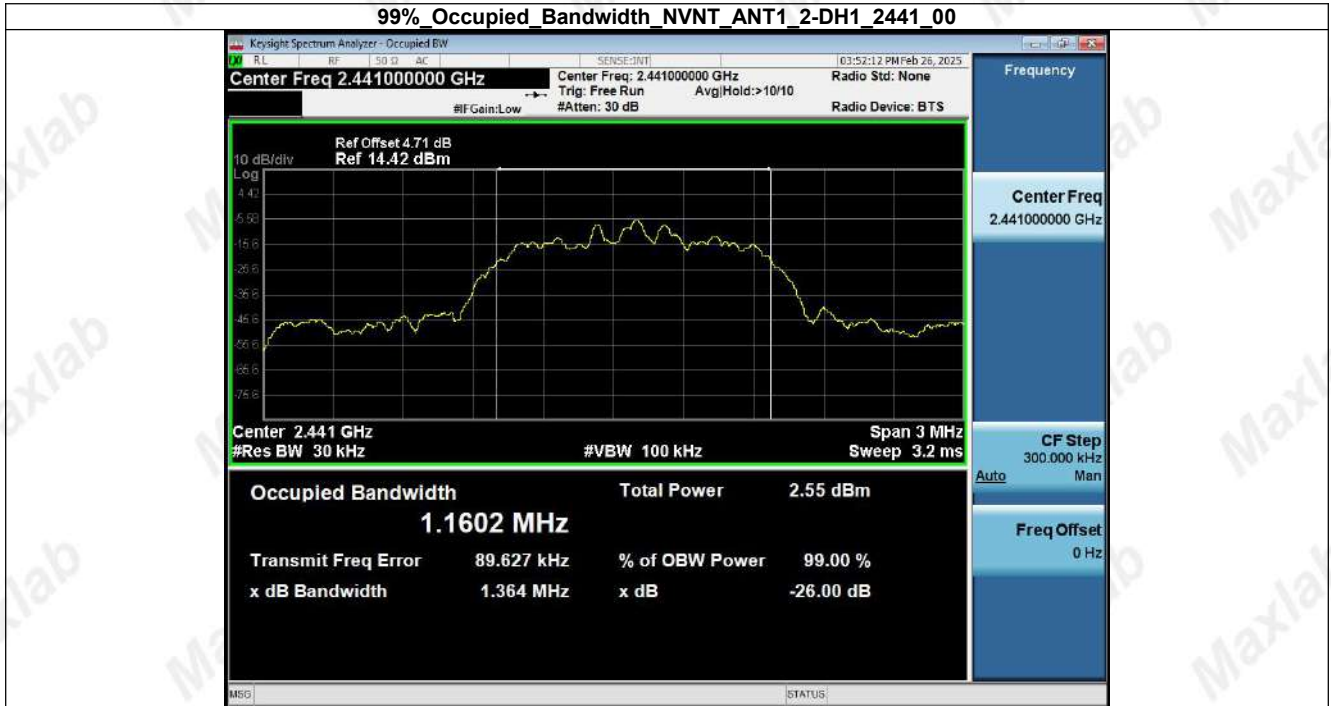


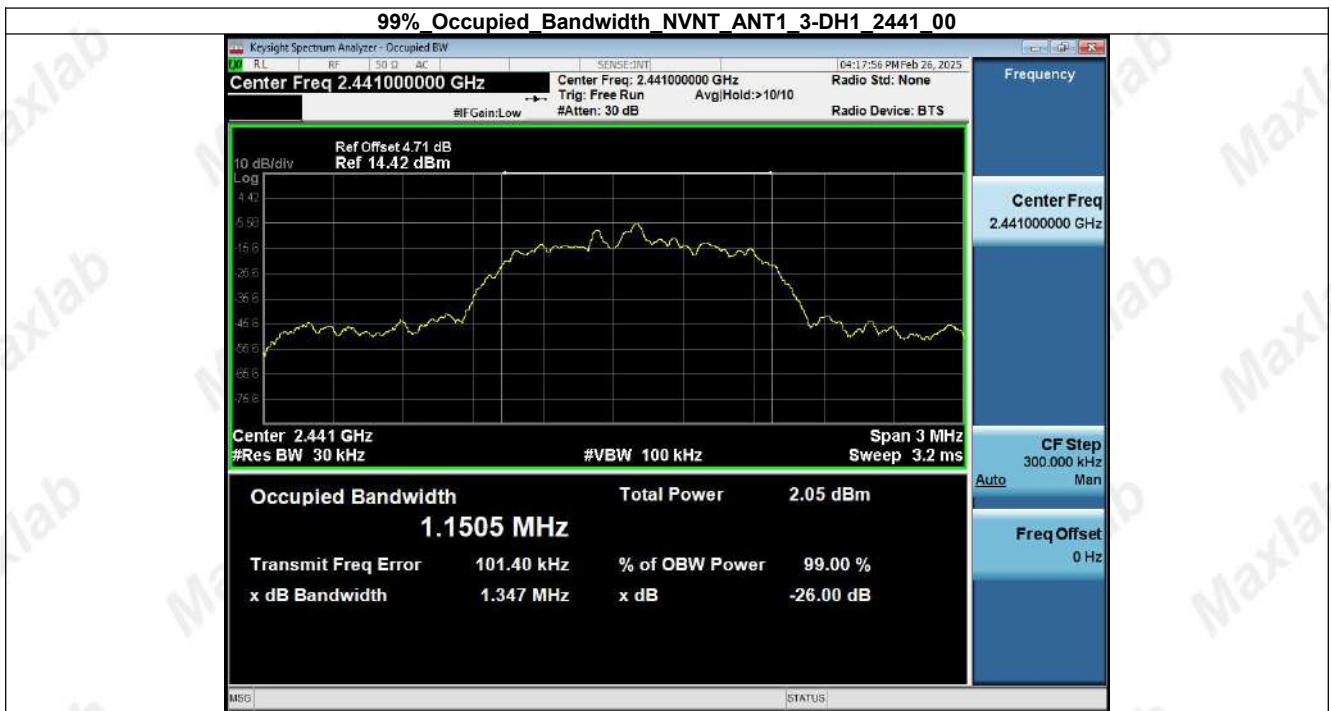
99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2441_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_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	-2.77	0.53	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-2.17	0.61	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.90	0.51	1000	Pass
NVNT	ANT1	2-DH1	2402.00	-3.62	0.43	125	Pass
NVNT	ANT1	2-DH1	2441.00	-2.85	0.52	125	Pass
NVNT	ANT1	2-DH1	2480.00	-2.17	0.61	125	Pass
NVNT	ANT1	3-DH1	2402.00	-2.86	0.52	125	Pass
NVNT	ANT1	3-DH1	2441.00	-2.06	0.62	125	Pass
NVNT	ANT1	3-DH1	2480.00	-1.46	0.72	125	Pass

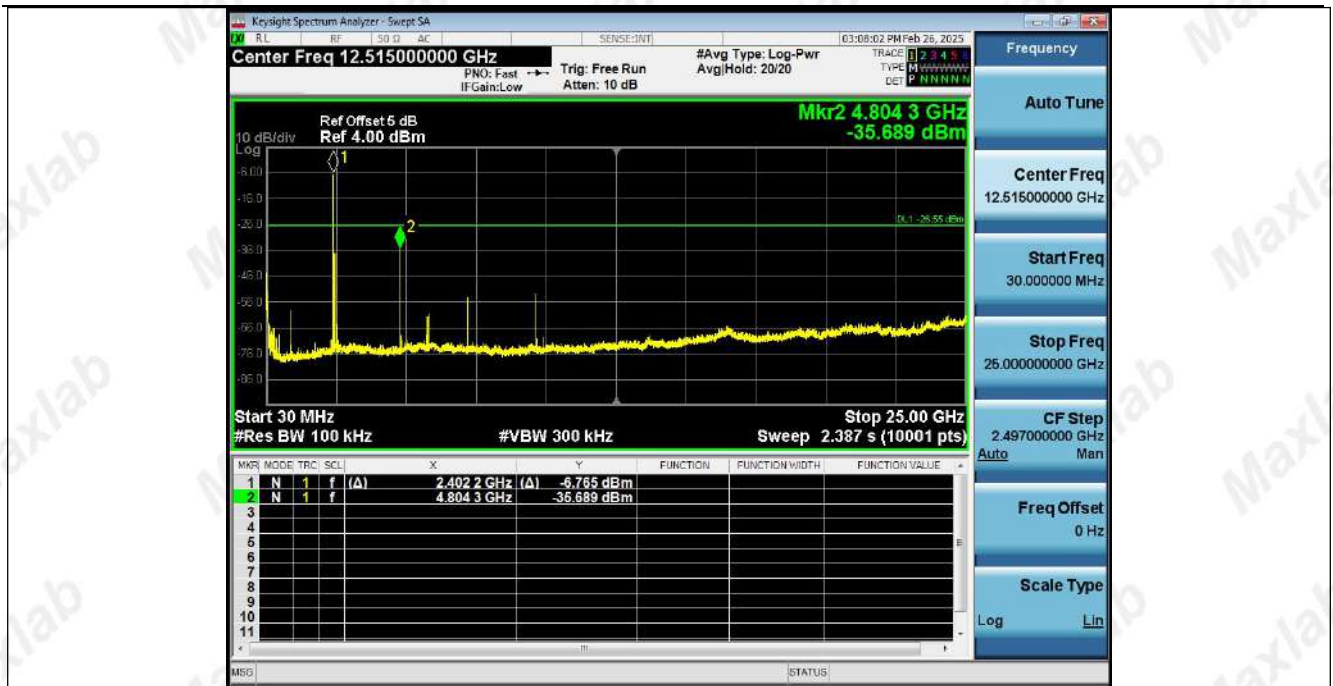
5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-6.545	-35.689	-26.545	Pass
NVNT	ANT1	1-DH1	2441.00	-5.773	-29.881	-25.773	Pass
NVNT	ANT1	1-DH1	2480.00	-5.144	-31.370	-25.144	Pass
NVNT	ANT1	2-DH1	2402.00	-6.509	-30.677	-26.509	Pass
NVNT	ANT1	2-DH1	2441.00	-5.789	-31.785	-25.789	Pass
NVNT	ANT1	2-DH1	2480.00	-5.146	-30.919	-25.146	Pass
NVNT	ANT1	3-DH1	2402.00	-6.469	-31.765	-26.469	Pass
NVNT	ANT1	3-DH1	2441.00	-5.756	-30.613	-25.756	Pass
NVNT	ANT1	3-DH1	2480.00	-5.145	-30.207	-25.145	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



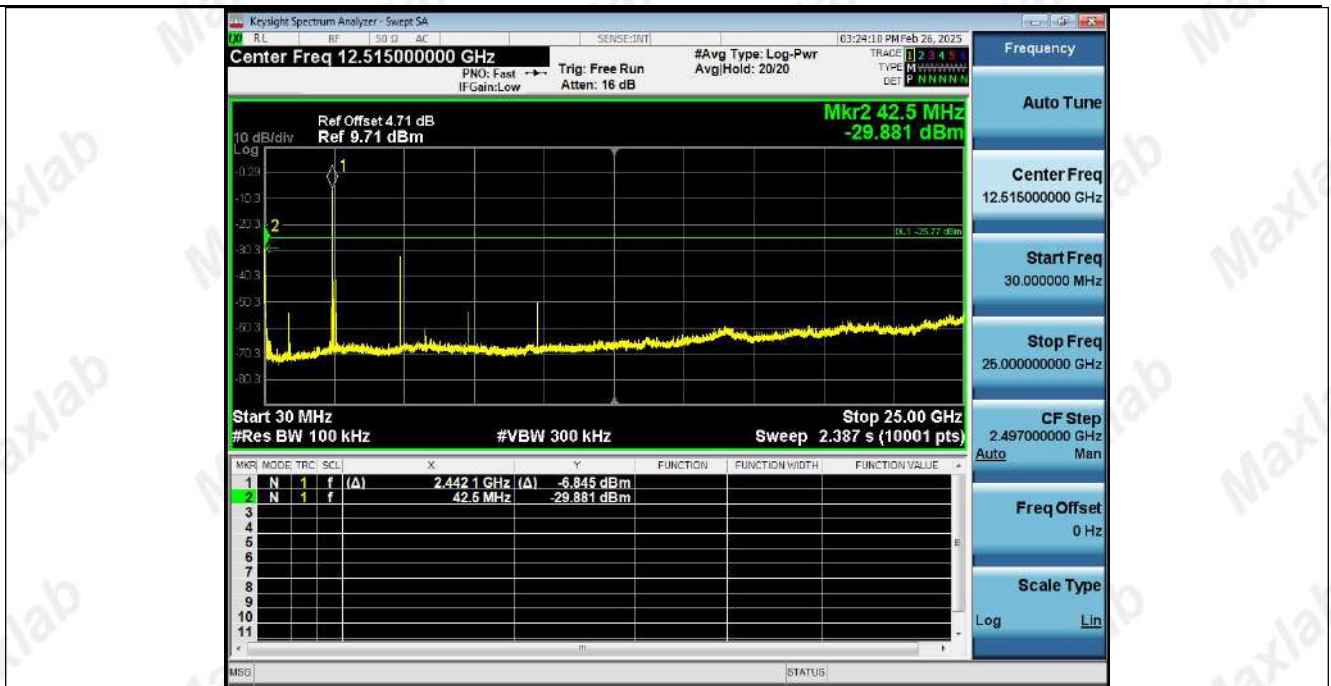
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



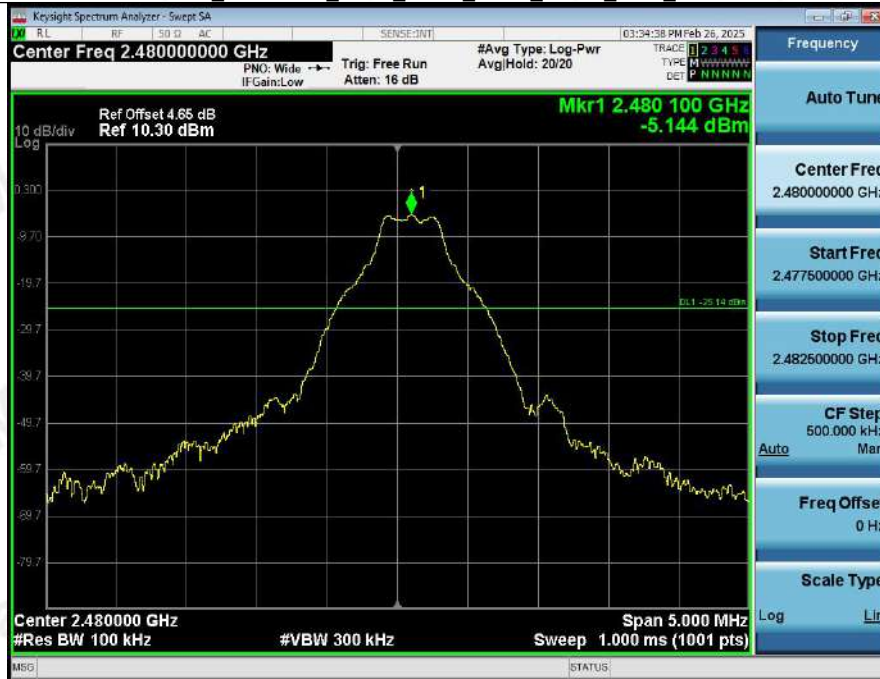
1 Reference Level NVNT ANT1 1-DH1 2441_00



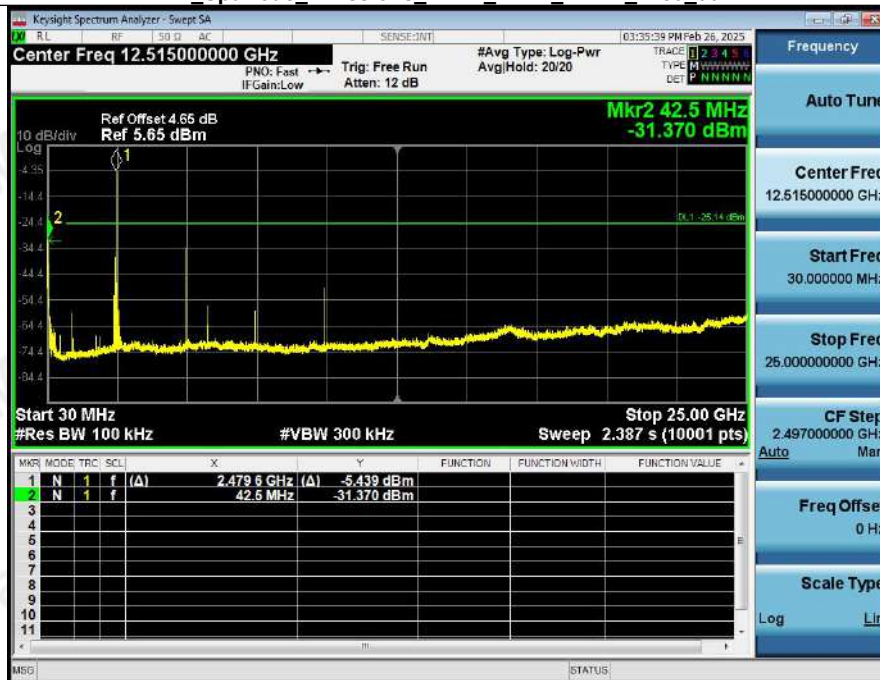
2 Spurious Emissions NVNT ANT1 1-DH1 2441_00



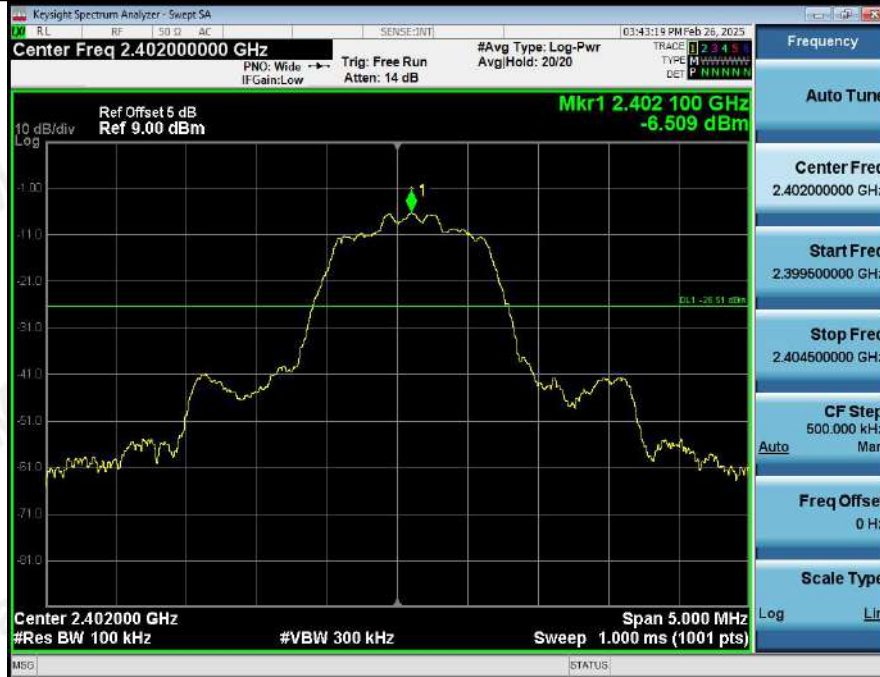
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



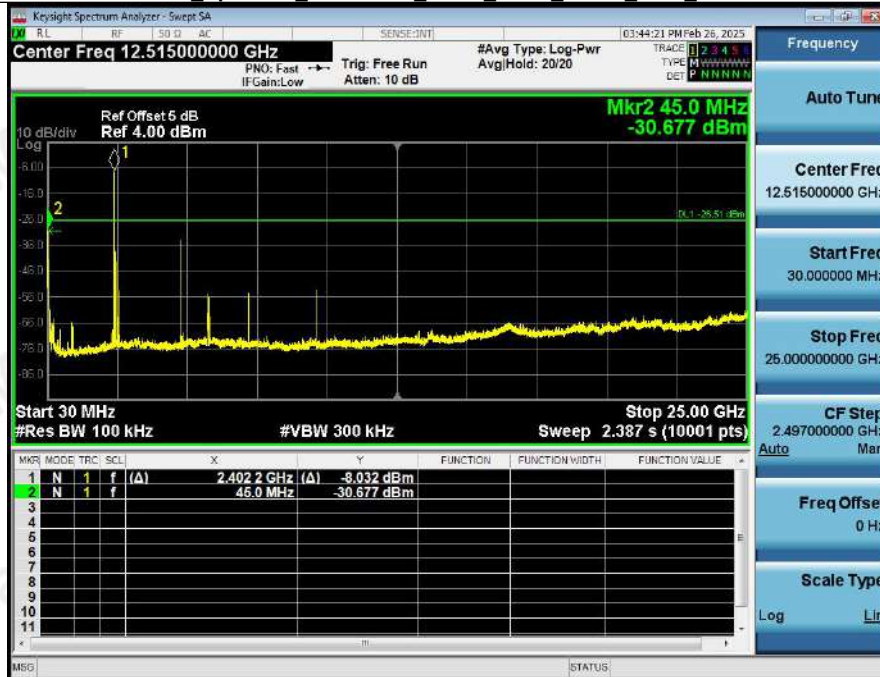
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



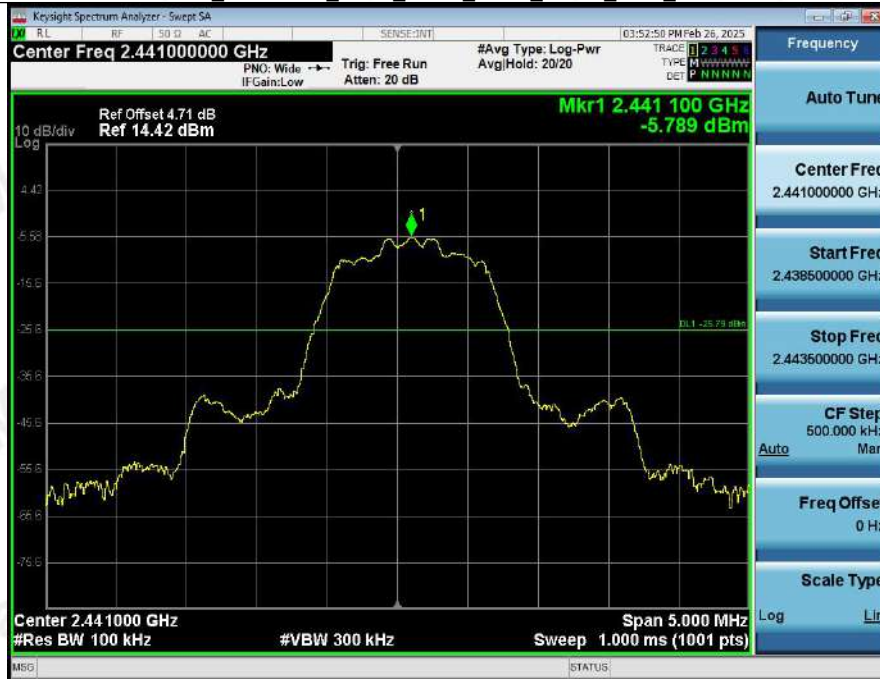
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



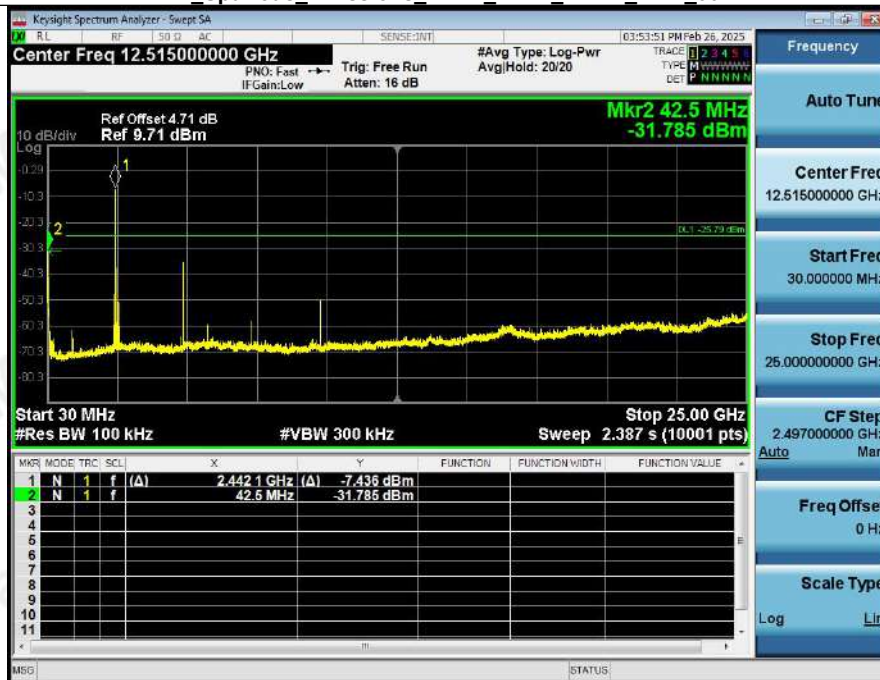
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



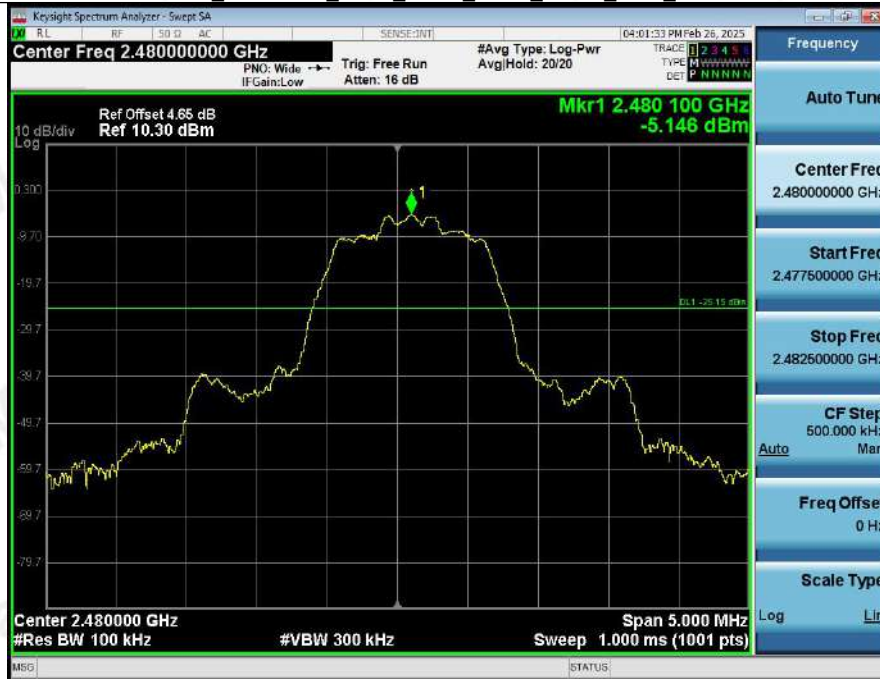
1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



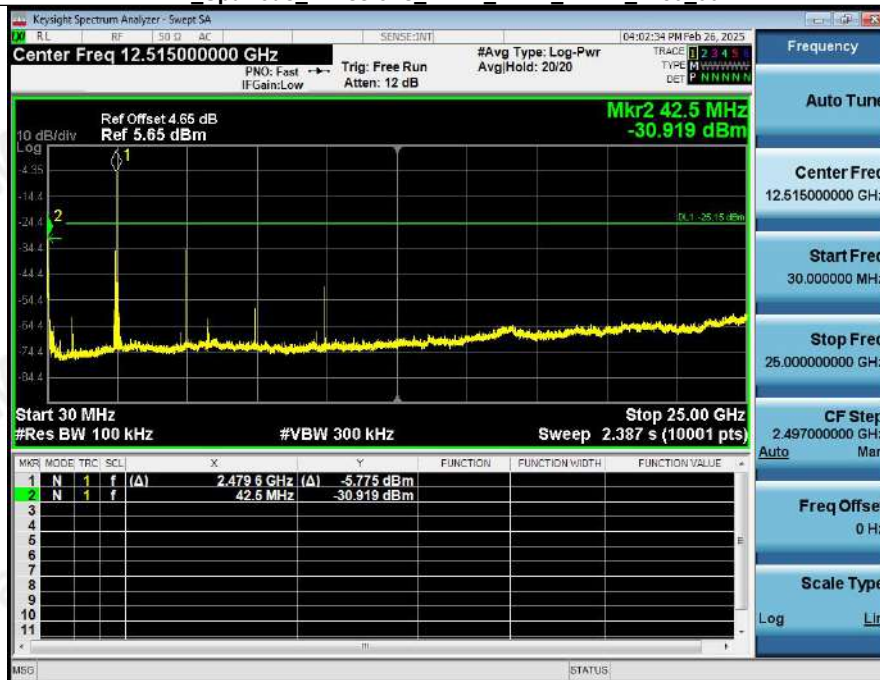
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



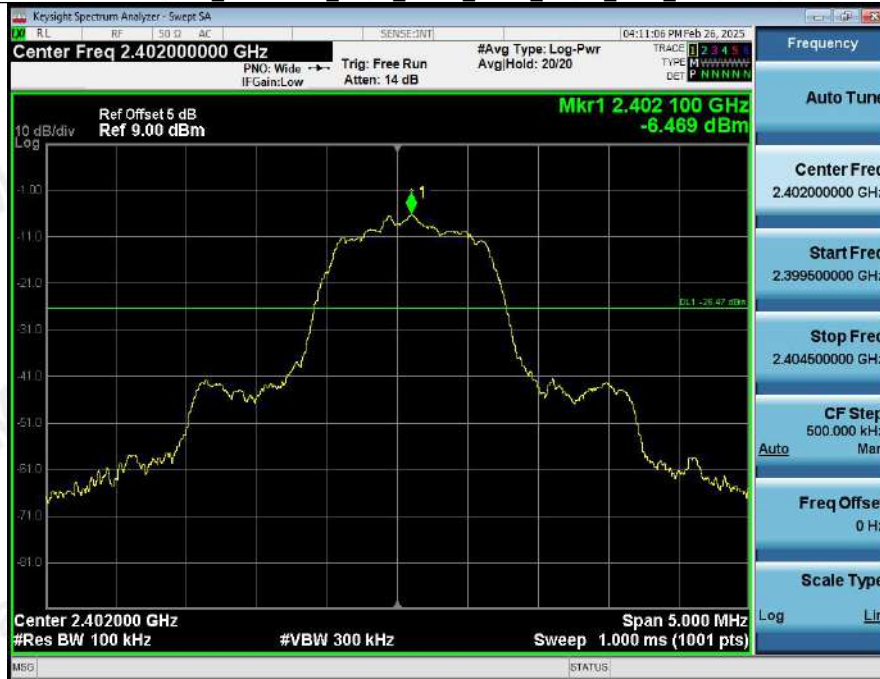
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



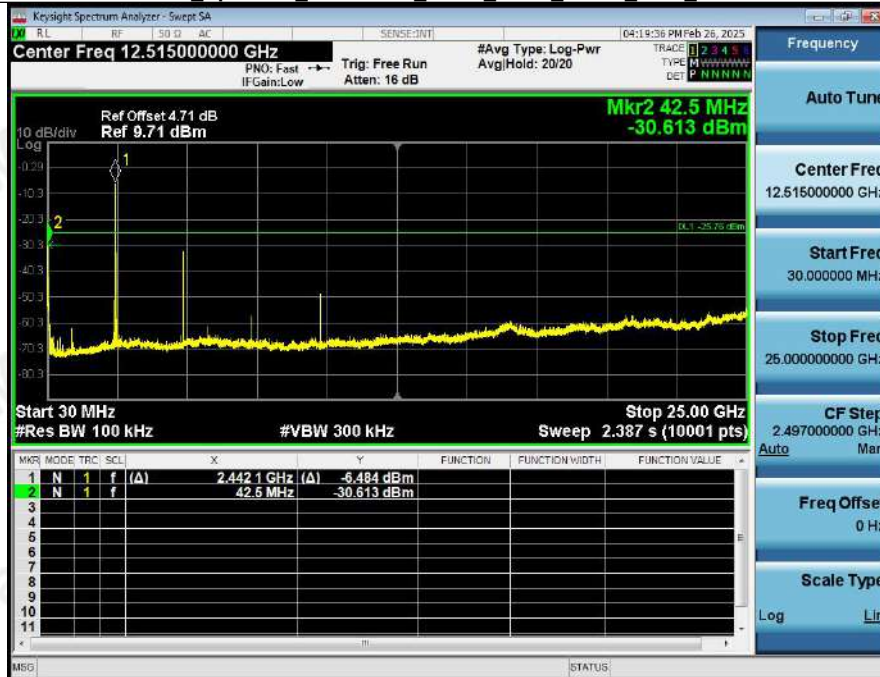
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1_Reference_Level_NVNT_ANT1_3-DH1_2441_00



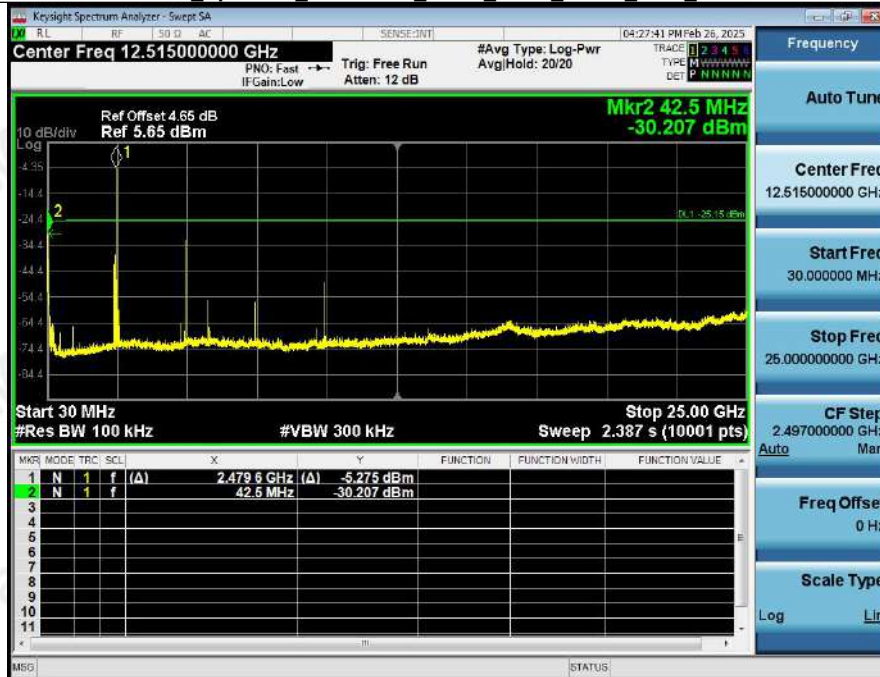
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



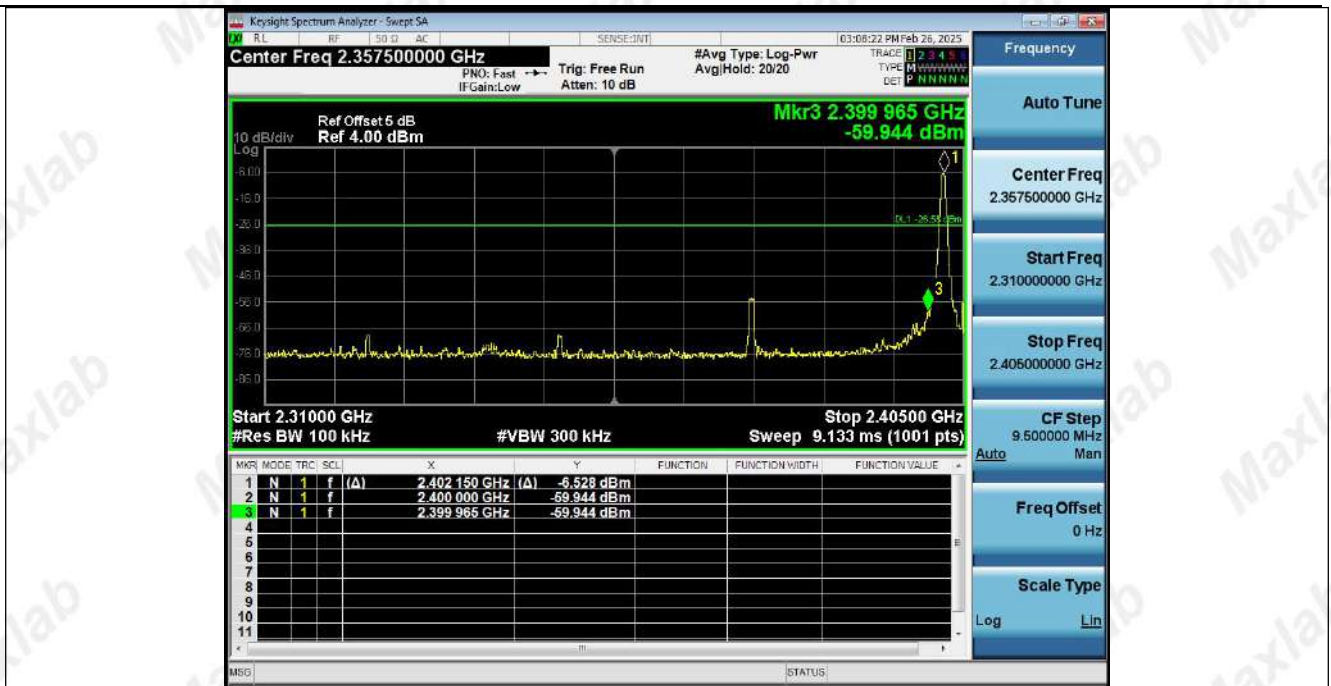
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-6.545	-59.944	-26.545	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-4.611	-52.465	-24.611	Pass
NVNT	ANT1	1-DH1	2480.00	-5.144	-62.151	-25.144	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-5.018	-47.195	-25.018	Pass
NVNT	ANT1	2-DH1	2402.00	-6.509	-58.620	-26.509	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-4.698	-52.399	-24.698	Pass
NVNT	ANT1	2-DH1	2480.00	-5.146	-61.592	-25.146	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-4.962	-47.010	-24.962	Pass
NVNT	ANT1	3-DH1	2402.00	-6.469	-61.934	-26.469	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-4.611	-52.657	-24.611	Pass
NVNT	ANT1	3-DH1	2480.00	-5.145	-63.095	-25.145	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-4.976	-47.060	-24.976	Pass

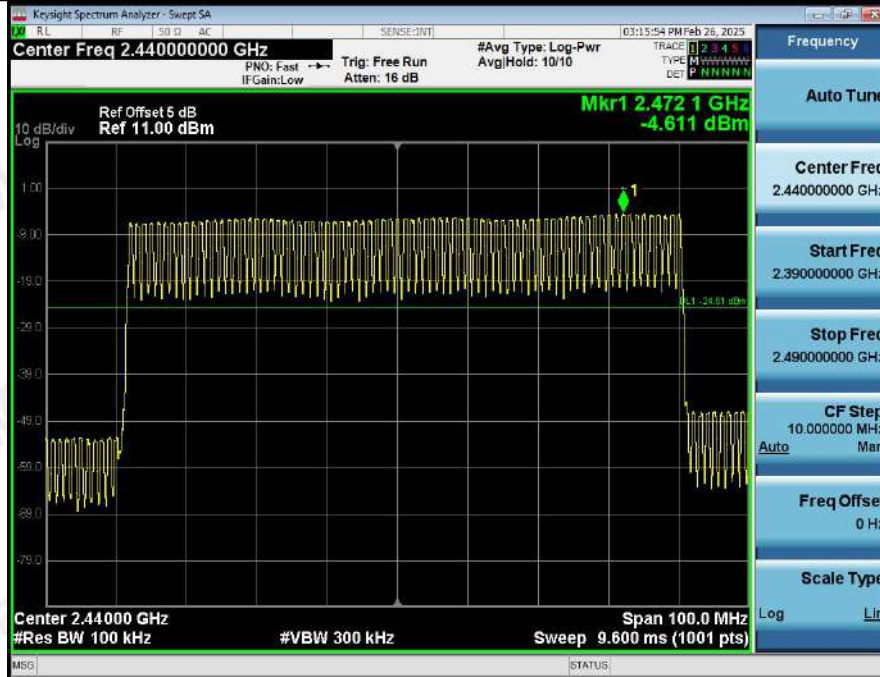
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



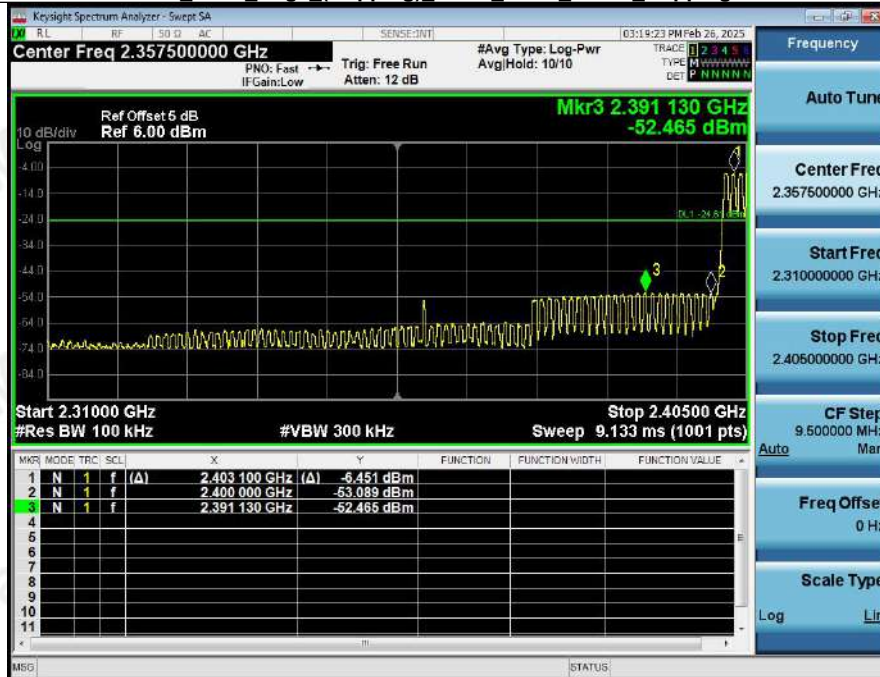
2_Bandedge_NVNT_ANT1_1-DH1_2402_00



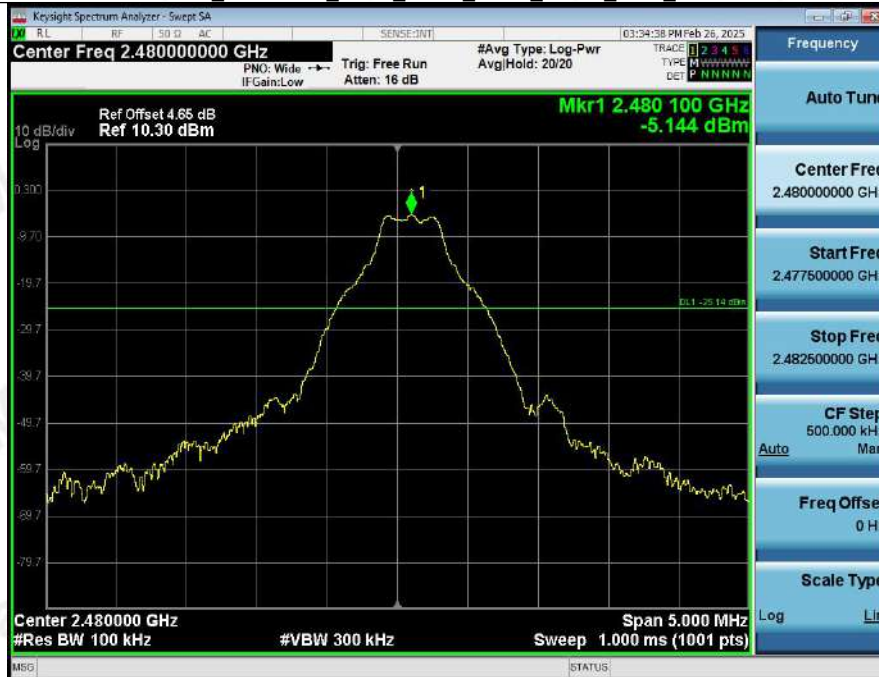
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



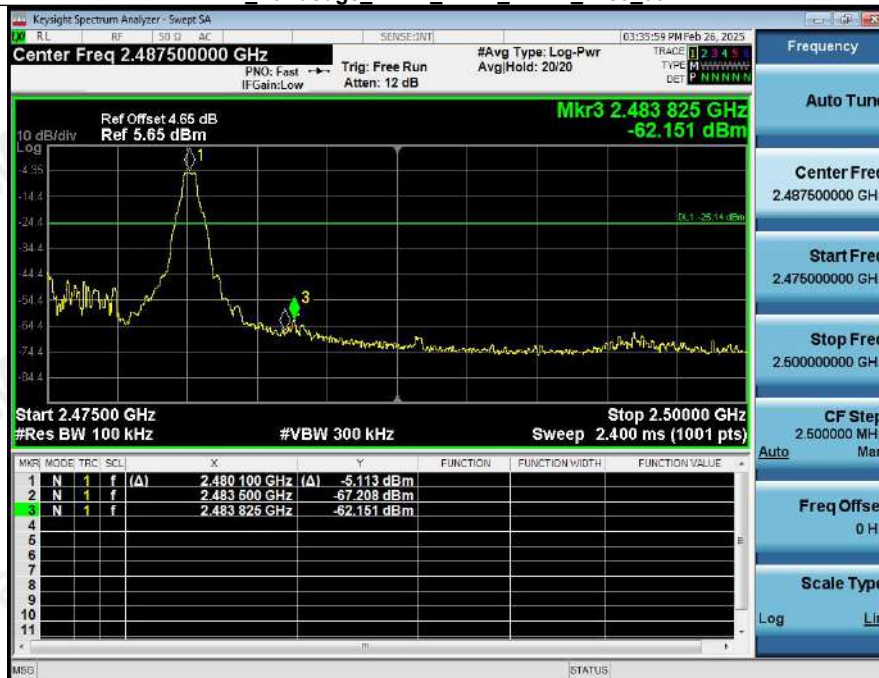
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



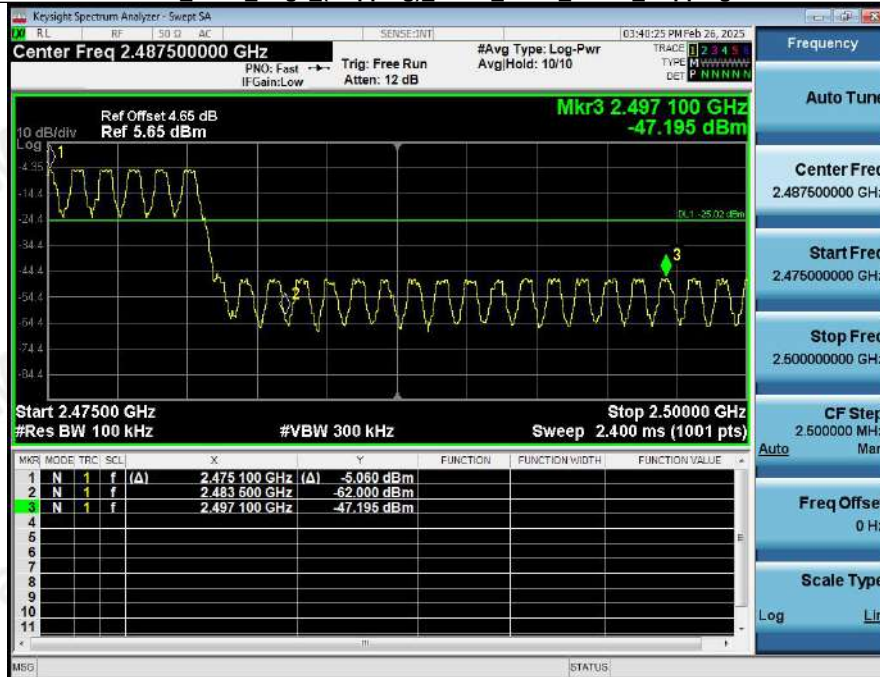
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



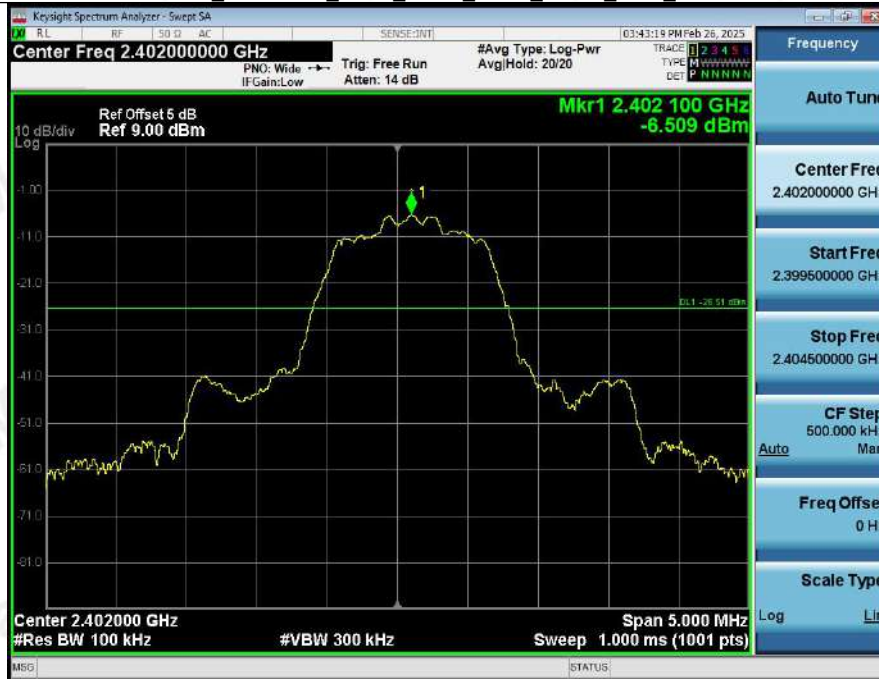
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



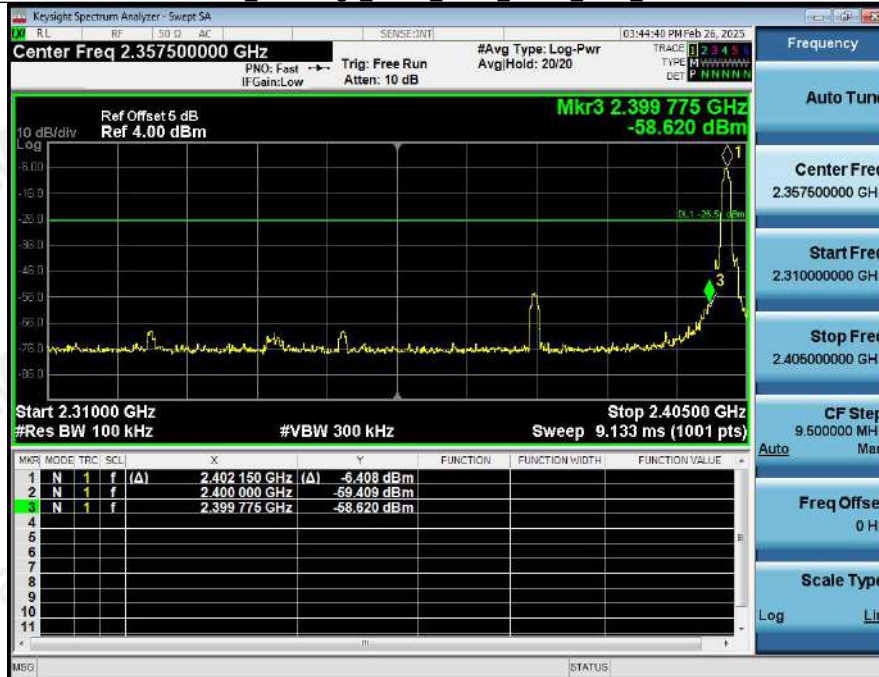
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



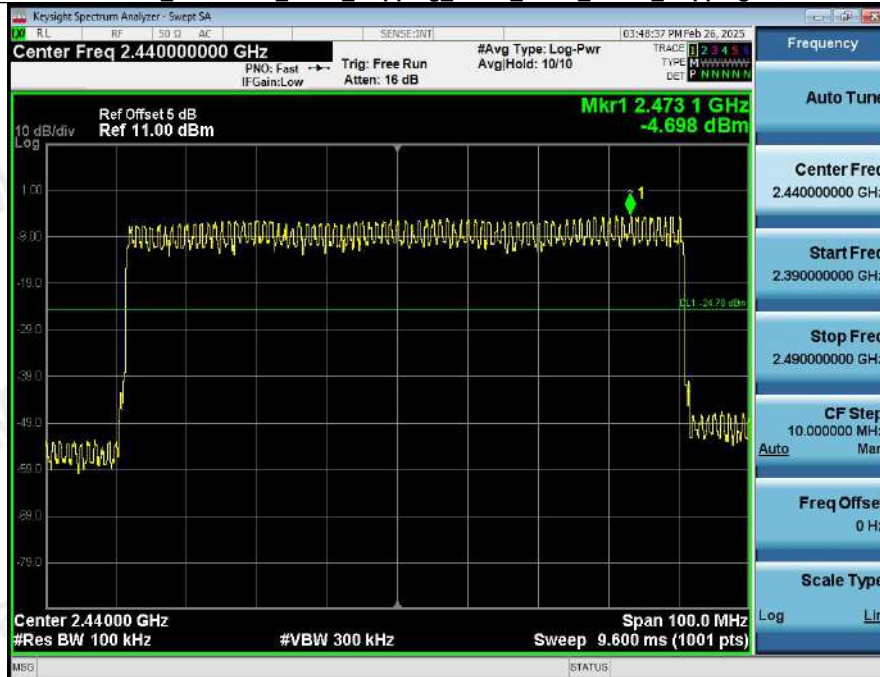
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



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



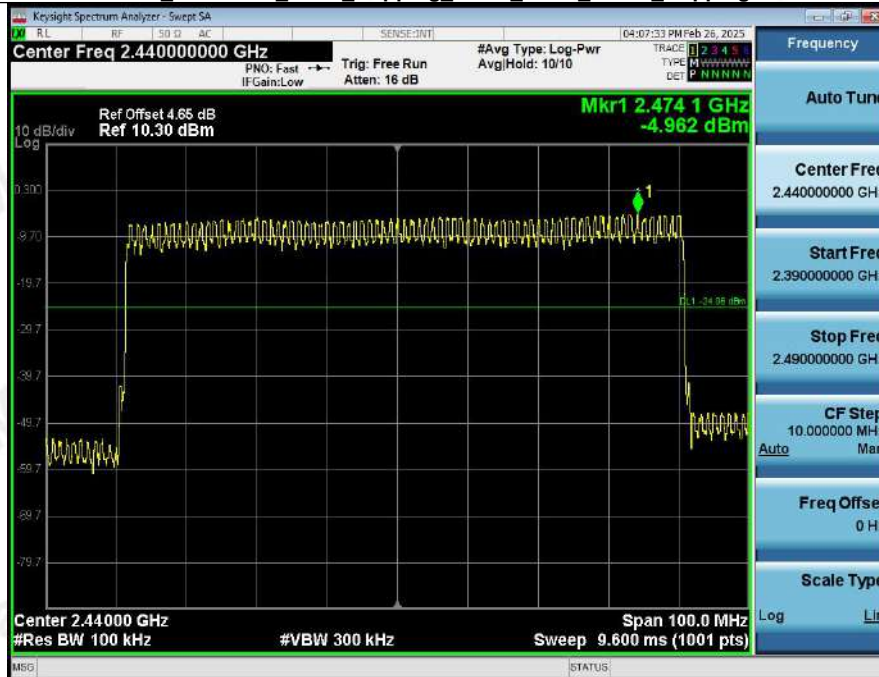
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



2_Bandedge_NVNT_ANT1_2-DH1_2480_00



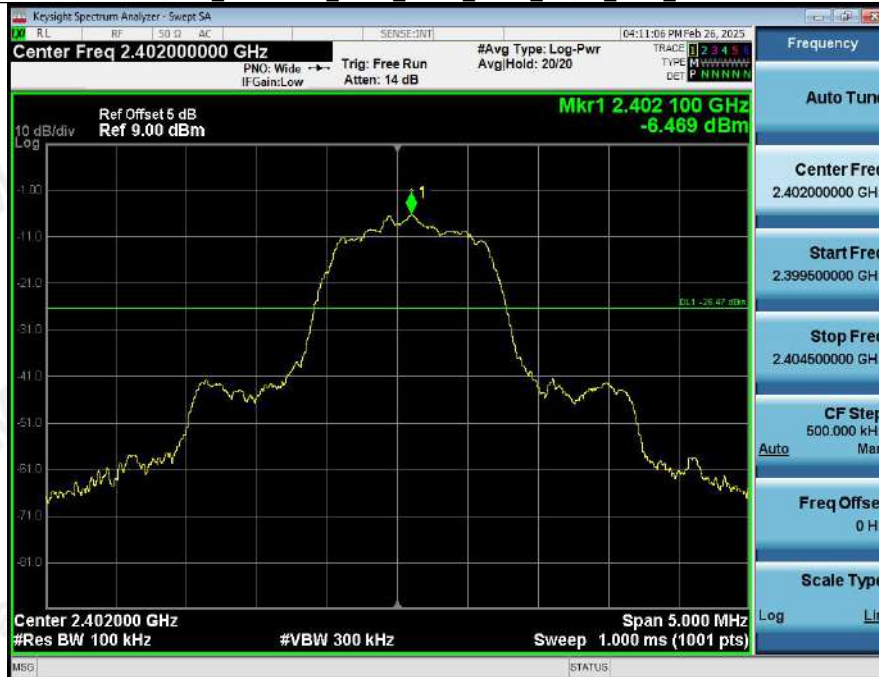
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



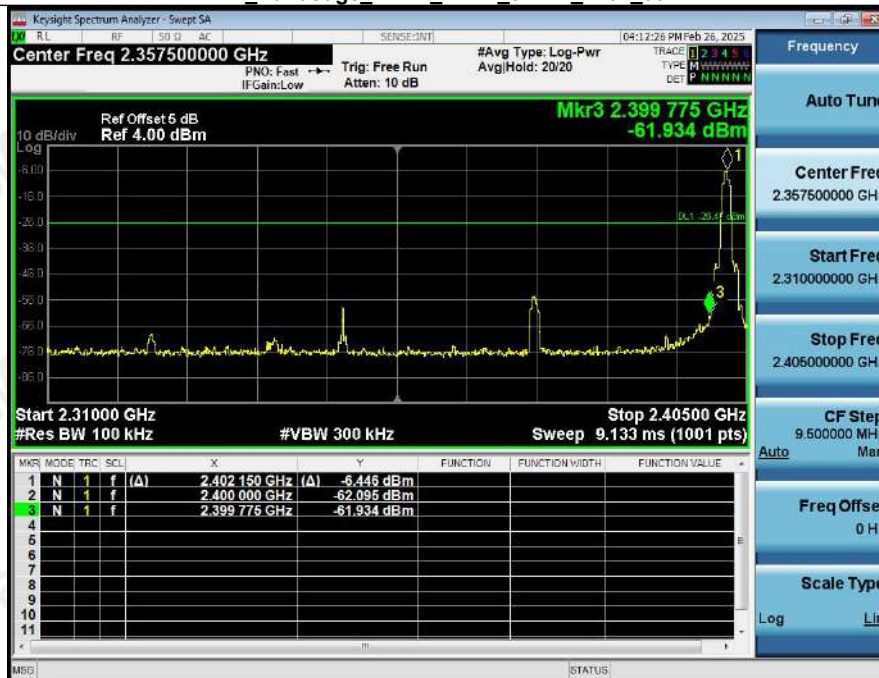
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



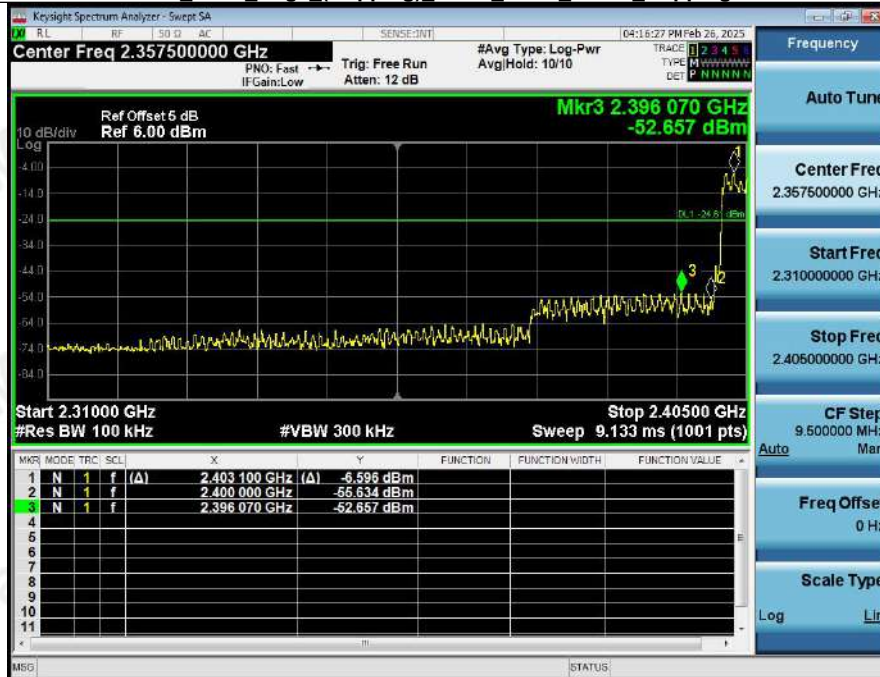
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



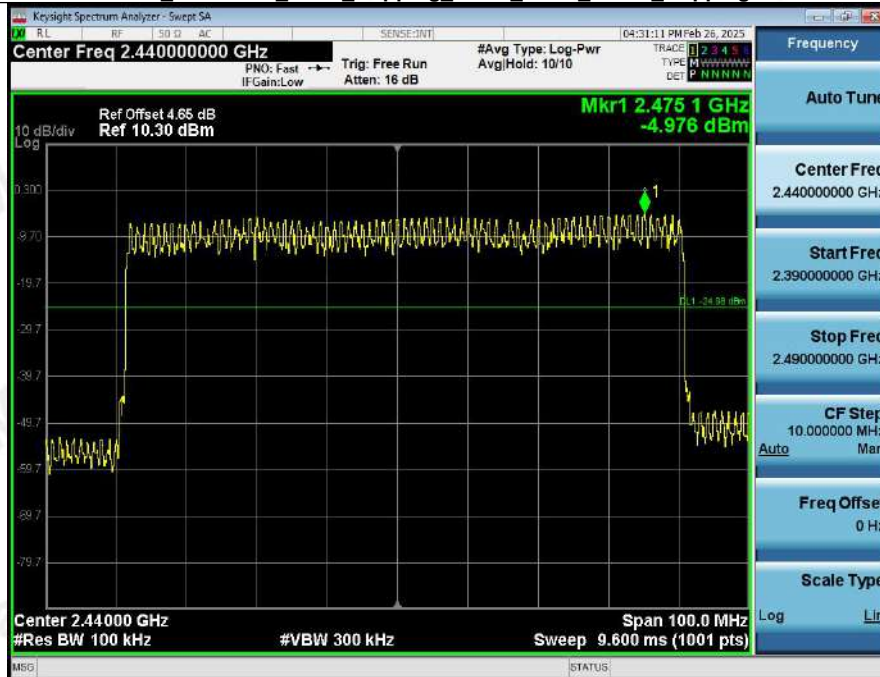
1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



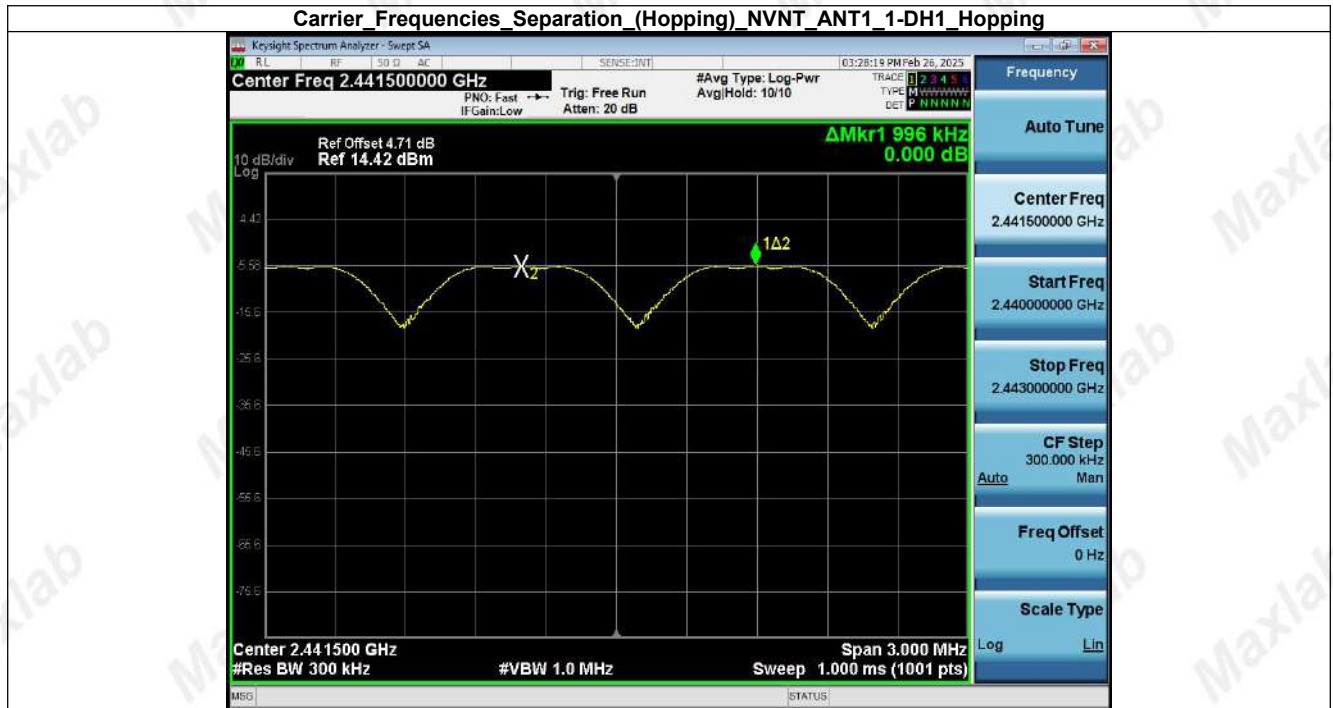
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



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	2402.245	2403.091	0.85	0.823	Fail
NVNT	ANT1	1-DH1	2441.00	2441.095	2442.091	1.00	0.813	Pass
NVNT	ANT1	1-DH1	2480.00	2479.092	2480.097	1.00	0.824	Pass
NVNT	ANT1	2-DH1	2402.00	2402.083	2403.094	1.01	0.835	Pass
NVNT	ANT1	2-DH1	2441.00	2441.092	2442.094	1.00	0.835	Pass
NVNT	ANT1	2-DH1	2480.00	2479.095	2480.097	1.00	0.835	Pass
NVNT	ANT1	3-DH1	2402.00	2402.095	2403.088	0.99	0.808	Pass
NVNT	ANT1	3-DH1	2441.00	2441.101	2442.088	0.99	0.805	Pass
NVNT	ANT1	3-DH1	2480.00	2479.092	2480.097	1.00	0.807	Pass







Carrier Frequencies Separation (Hopping) NVNT ANT1 2-DH1 Hopping



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

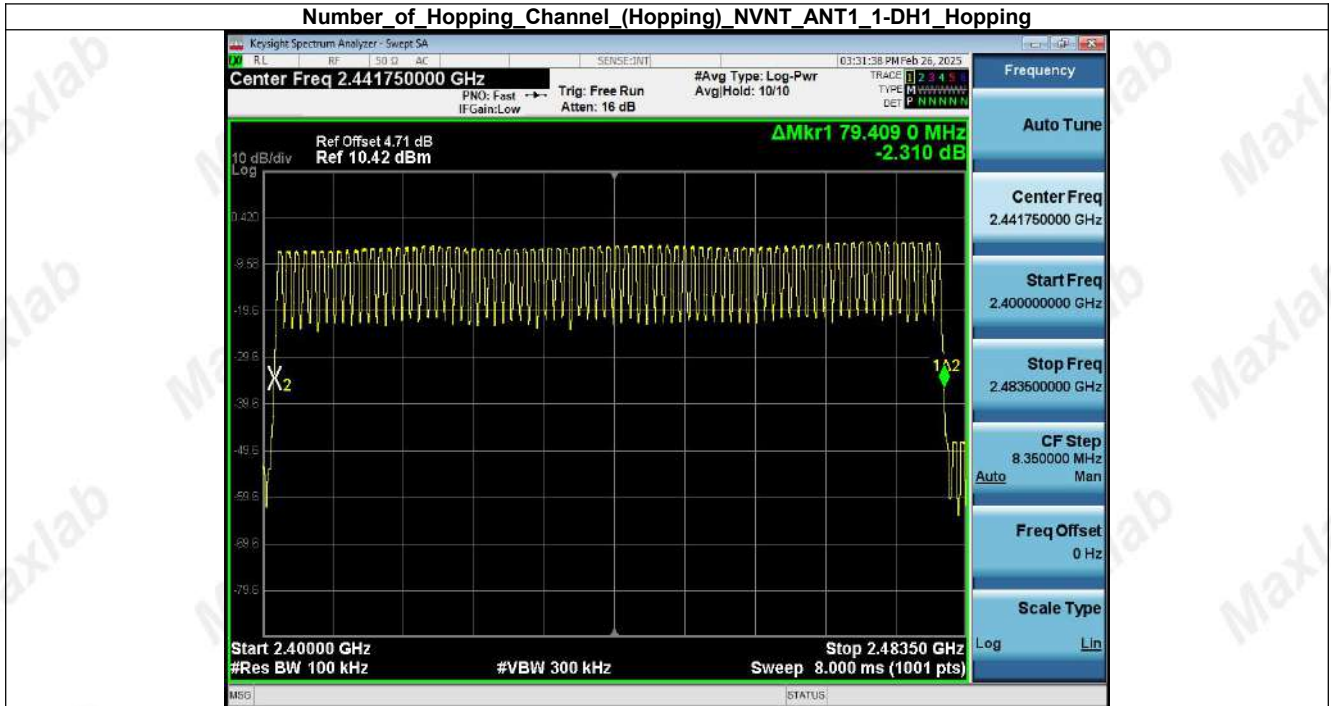




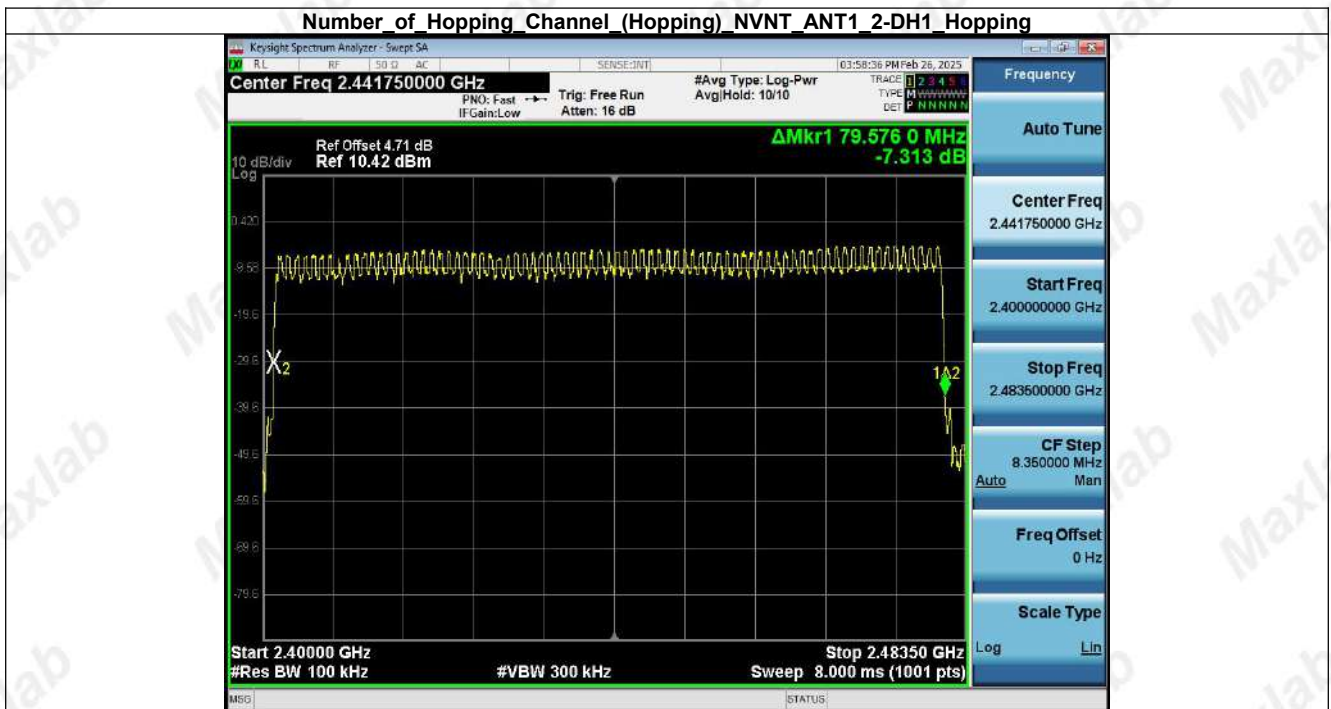
8. Number of Hopping Channel (Hopping)

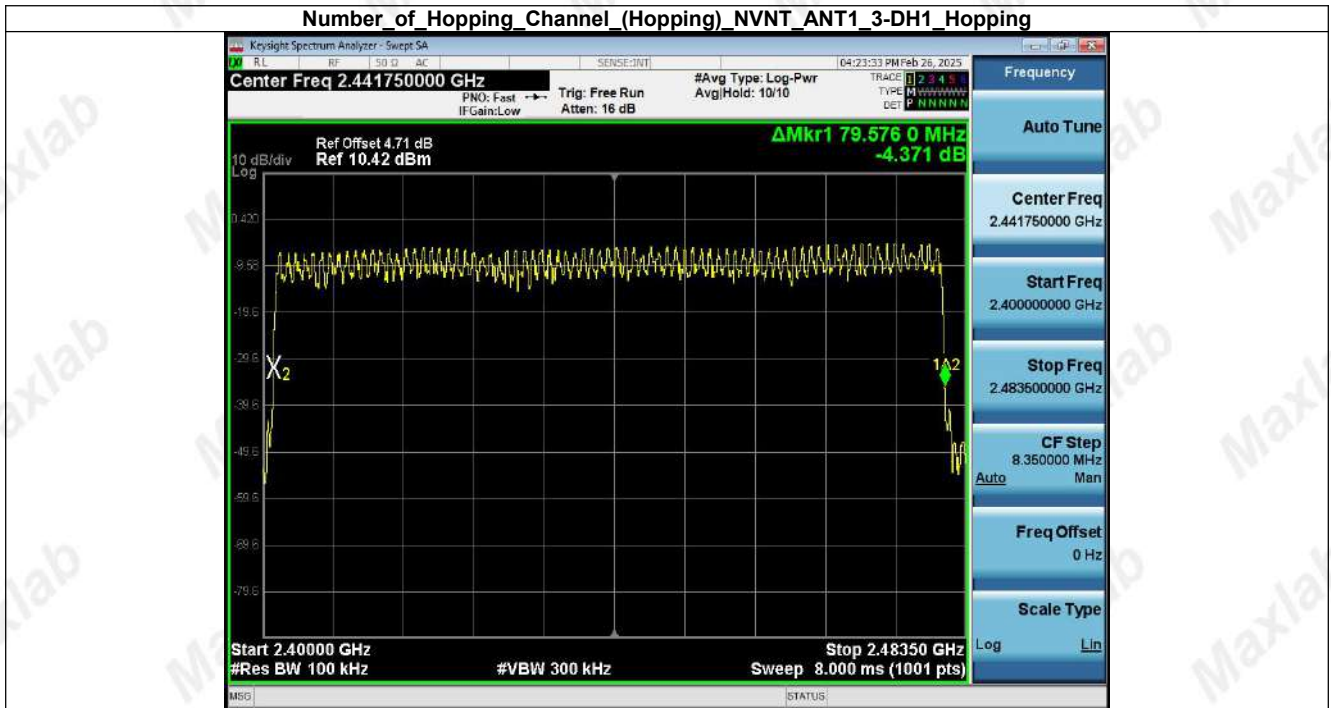
Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass
NVNT	ANT1	3-DH1	79	15	Pass

Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-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	318.00	136.740	0.40	Pass
NVNT	ANT1	3-DH1	0.430	320.00	137.600	0.40	Pass
NVNT	ANT1	1-DH3	1.680	166.00	278.880	0.40	Pass
NVNT	ANT1	1-DH5	2.930	107.00	313.510	0.40	Pass
NVNT	ANT1	2-DH3	1.680	159.00	267.120	0.40	Pass
NVNT	ANT1	2-DH5	2.930	106.00	310.580	0.40	Pass
NVNT	ANT1	3-DH3	1.680	156.00	262.080	0.40	Pass
NVNT	ANT1	3-DH5	2.940	97.00	285.180	0.40	Pass

