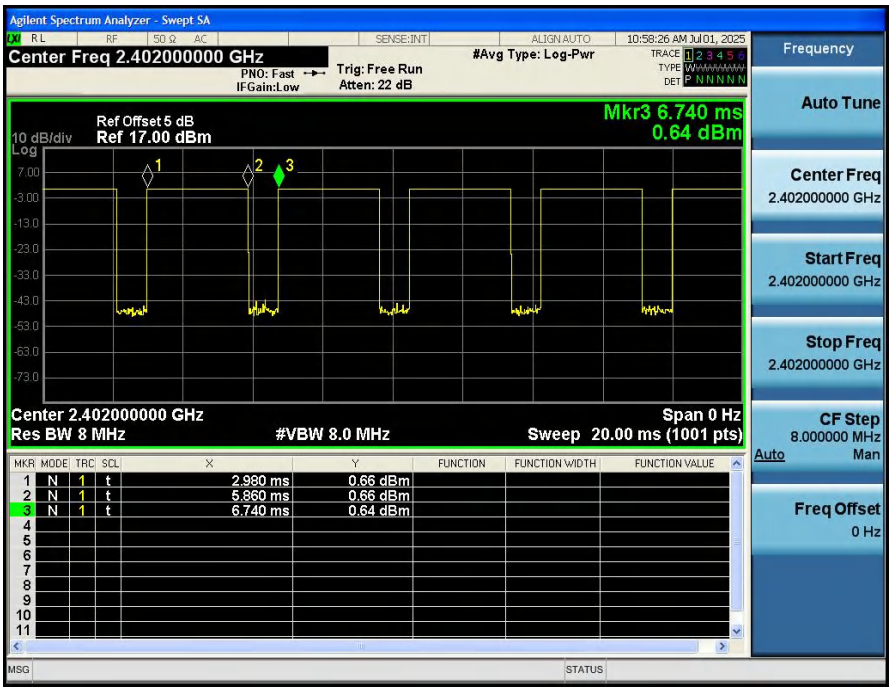
Appendix Test Data

Report No.:	1812C50309512501	Test Sample No.:	1-2-2
Start Test Date:	2025.6.24	Finish Test Date:	2025.7.2
Test Engineer:	Qiang-fei Yang	Auditor:	Justin Feng
Temperature:	20.8℃	Relative Humidity:	50%
Pressure:	101kPa		

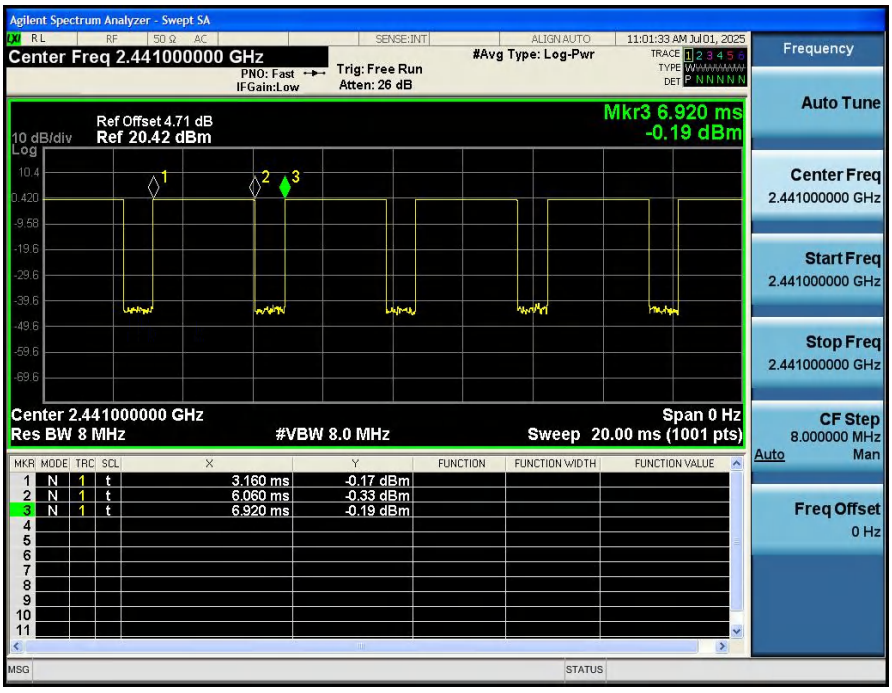
Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.13	1.13
NVNT	ANT1	1-DH5	2441.00	77.66	1.10
NVNT	ANT1	1-DH5	2480.00	77.66	1.10
NVNT	ANT1	2-DH5	2402.00	77.13	1.13
NVNT	ANT1	2-DH5	2441.00	77.66	1.10
NVNT	ANT1	2-DH5	2480.00	78.07	1.07
NVNT	ANT1	3-DH5	2402.00	78.07	1.07
NVNT	ANT1	3-DH5	2441.00	77.01	1.13
NVNT	ANT1	3-DH5	2480.00	78.07	1.07

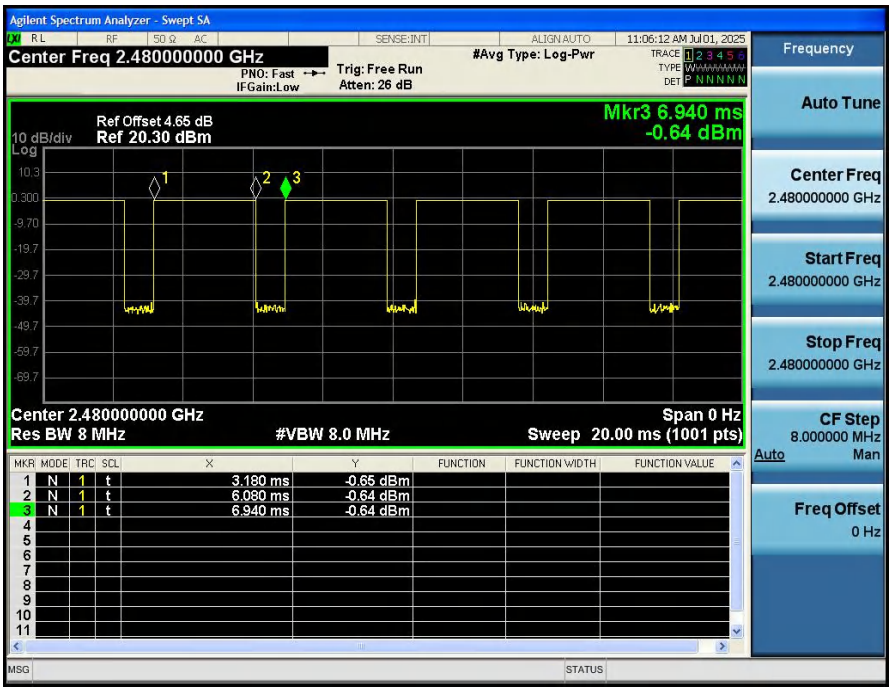
Duty_Cycle_NVNT_ANT1_1-DH5_2402



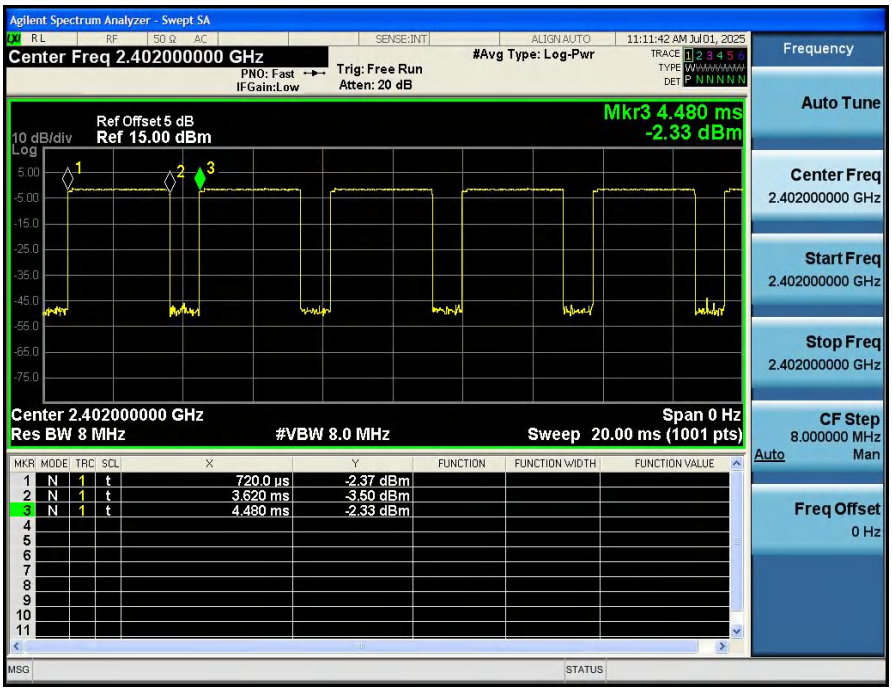
Duty_Cycle_NVNT_ANT1_1-DH5_2441



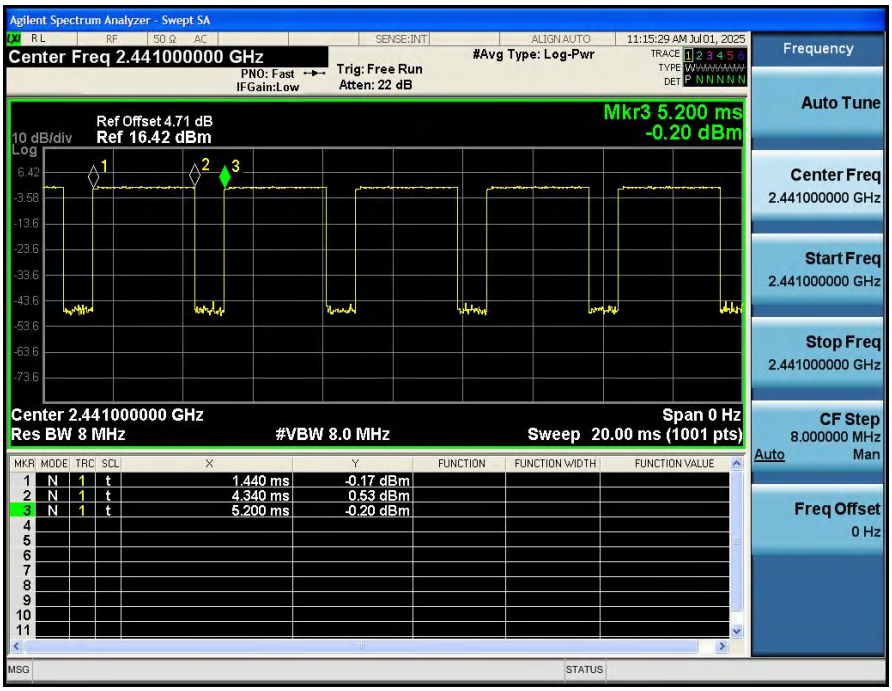
Duty_Cycle_NVNT_ANT1_1-DH5_2480



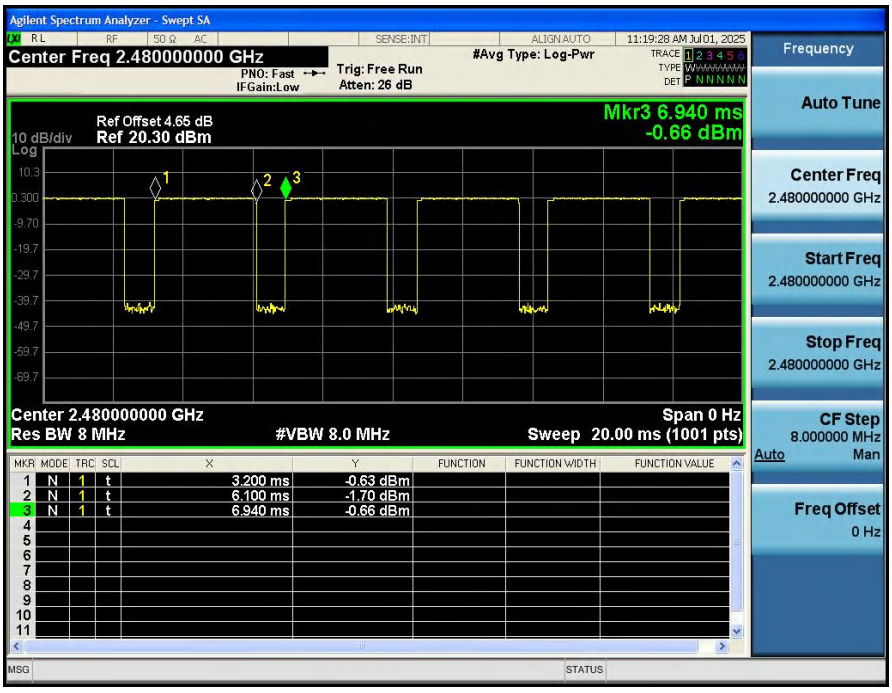
Duty_Cycle_NVNT_ANT1_2-DH5_2402



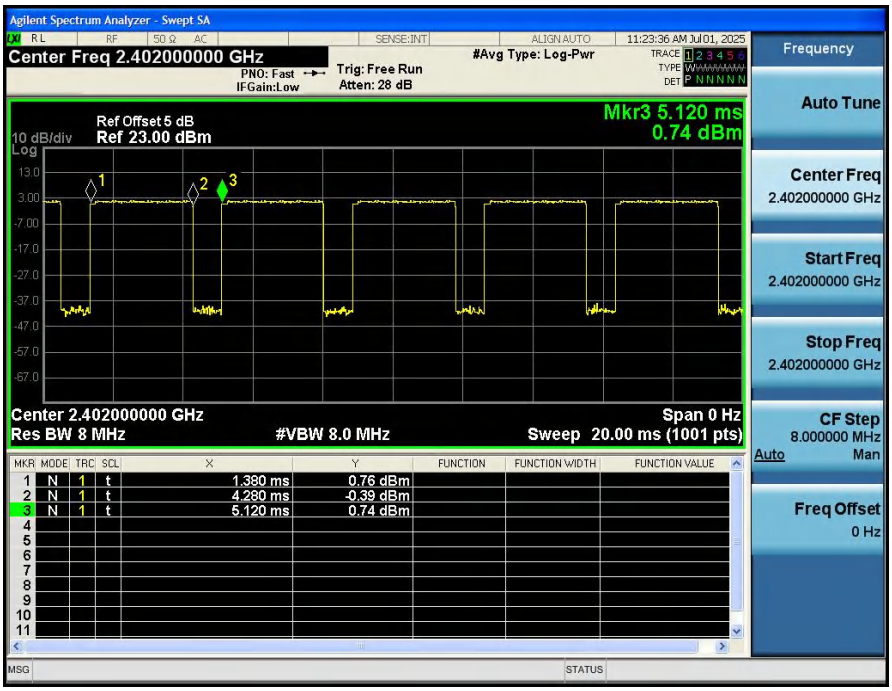
Duty_Cycle_NVNT_ANT1_2-DH5_2441



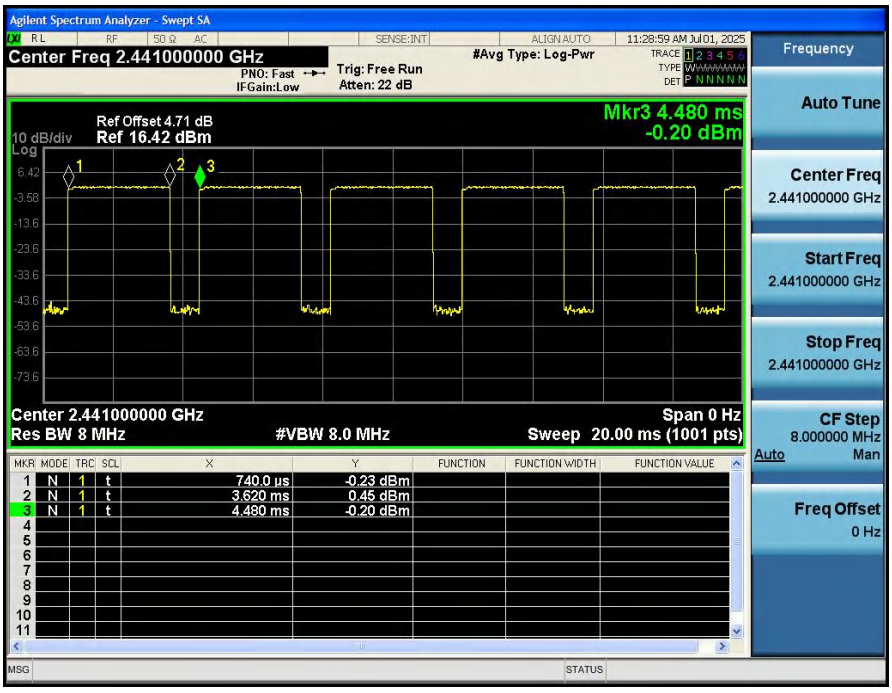
Duty_Cycle_NVNT_ANT1_2-DH5_2480



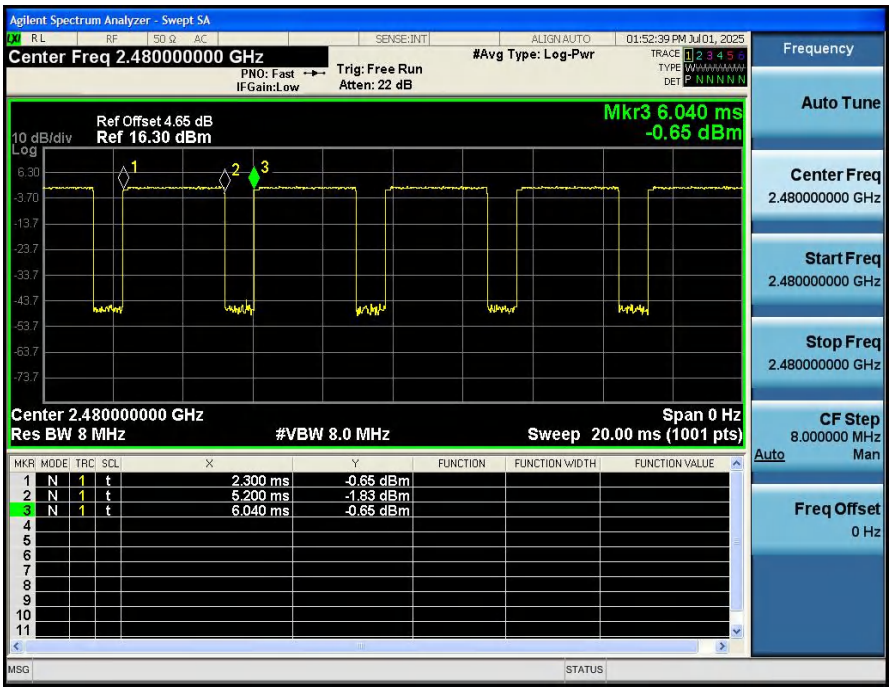
Duty_Cycle_NVNT_ANT1_3-DH5_2402



Duty_Cycle_NVNT_ANT1_3-DH5_2441



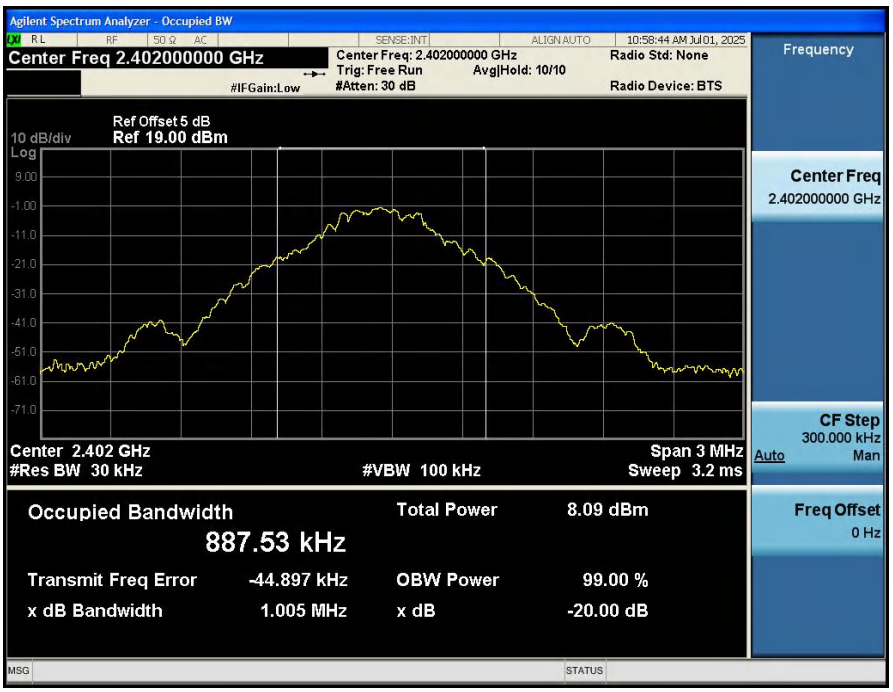
Duty_Cycle_NVNT_ANT1_3-DH5_2480



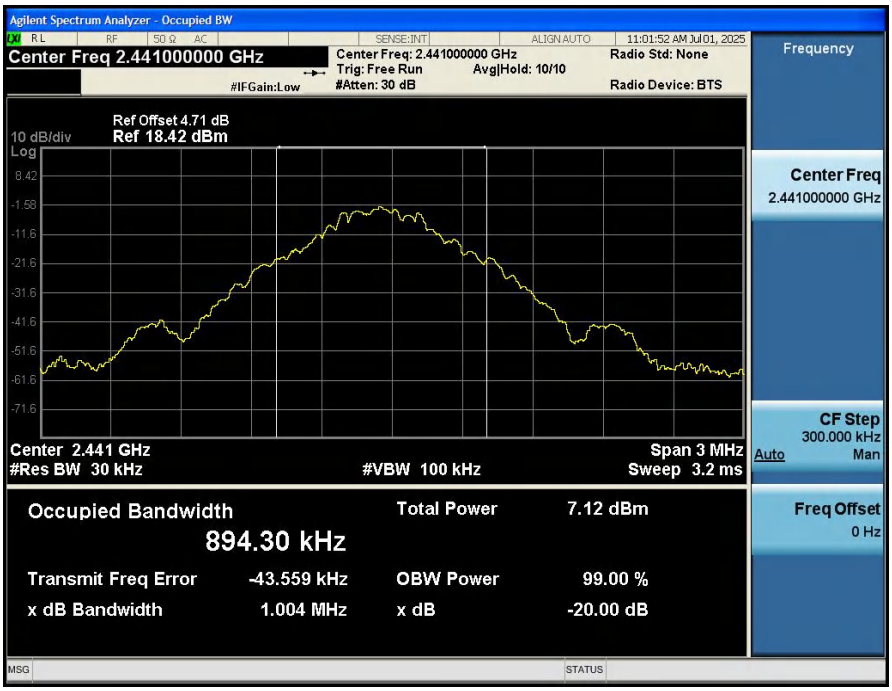
Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.005	Yes
NVNT	ANT1	1-DH5	2441.00	1.004	Yes
NVNT	ANT1	1-DH5	2480.00	1.023	Yes
NVNT	ANT1	2-DH5	2402.00	1.284	Yes
NVNT	ANT1	2-DH5	2441.00	1.312	Yes
NVNT	ANT1	2-DH5	2480.00	1.308	Yes
NVNT	ANT1	3-DH5	2402.00	1.292	Yes
NVNT	ANT1	3-DH5	2441.00	1.294	Yes
NVNT	ANT1	3-DH5	2480.00	1.304	Yes

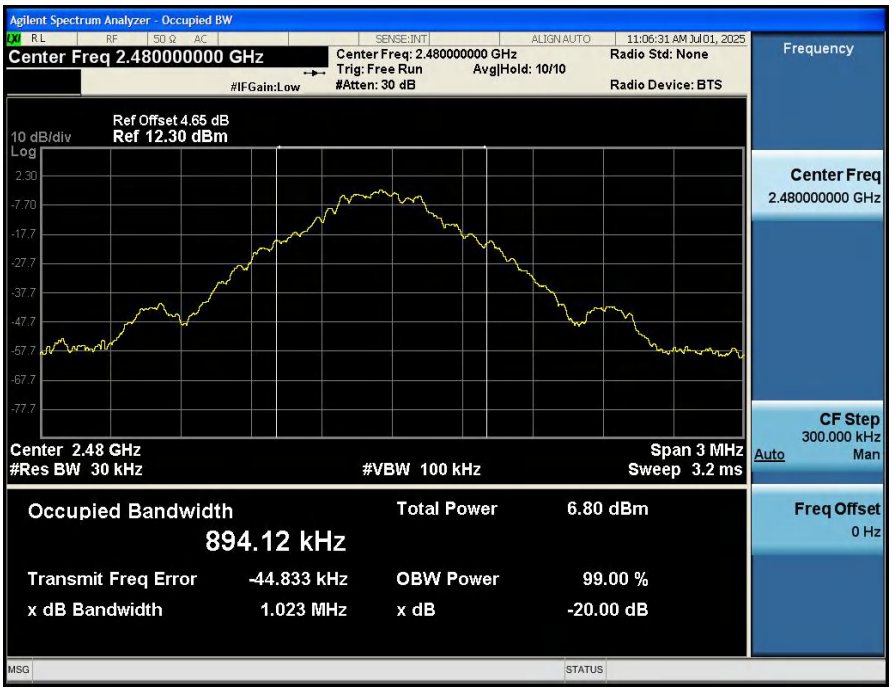
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00



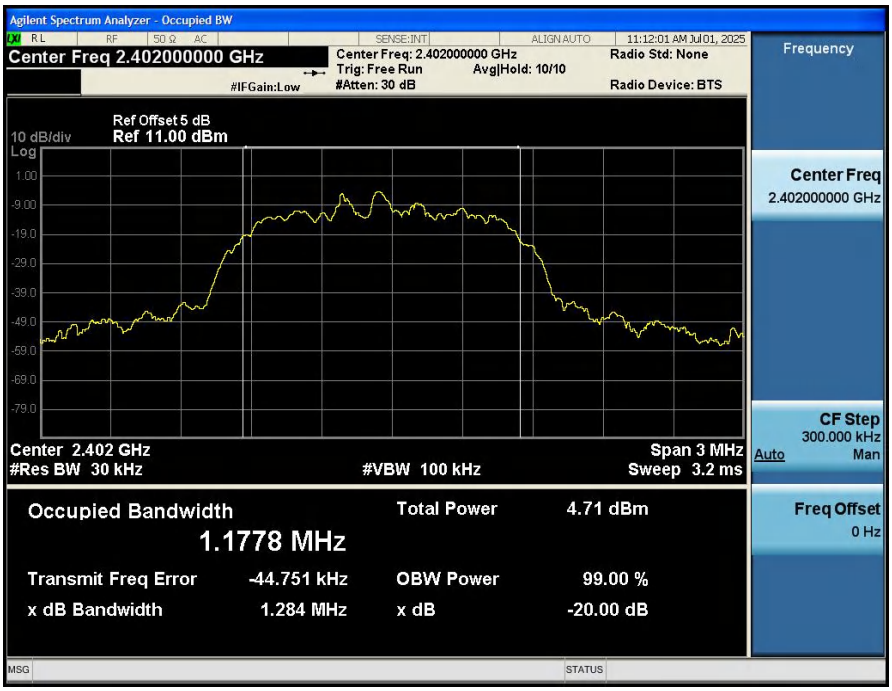
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00



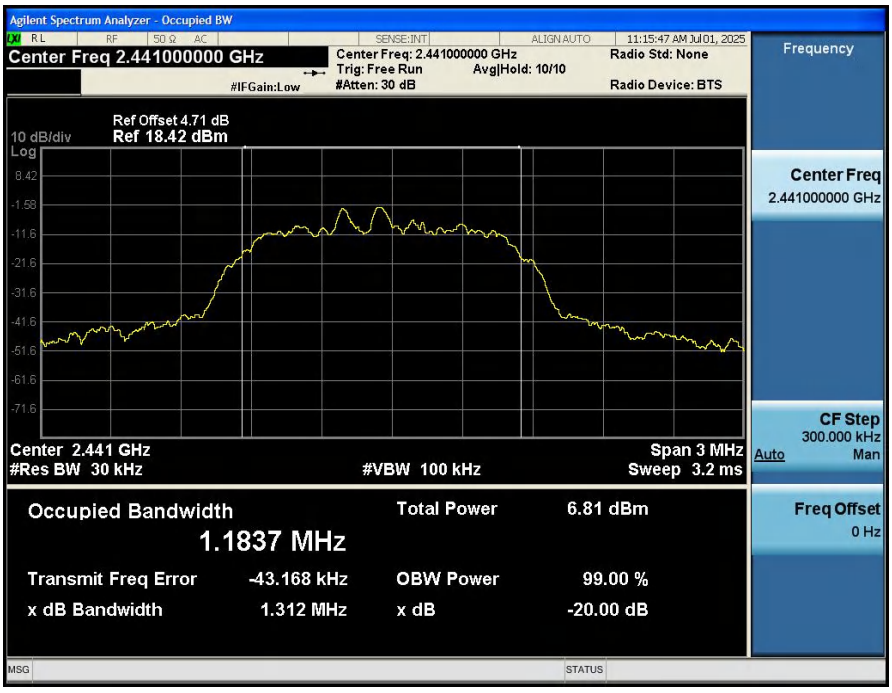
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00



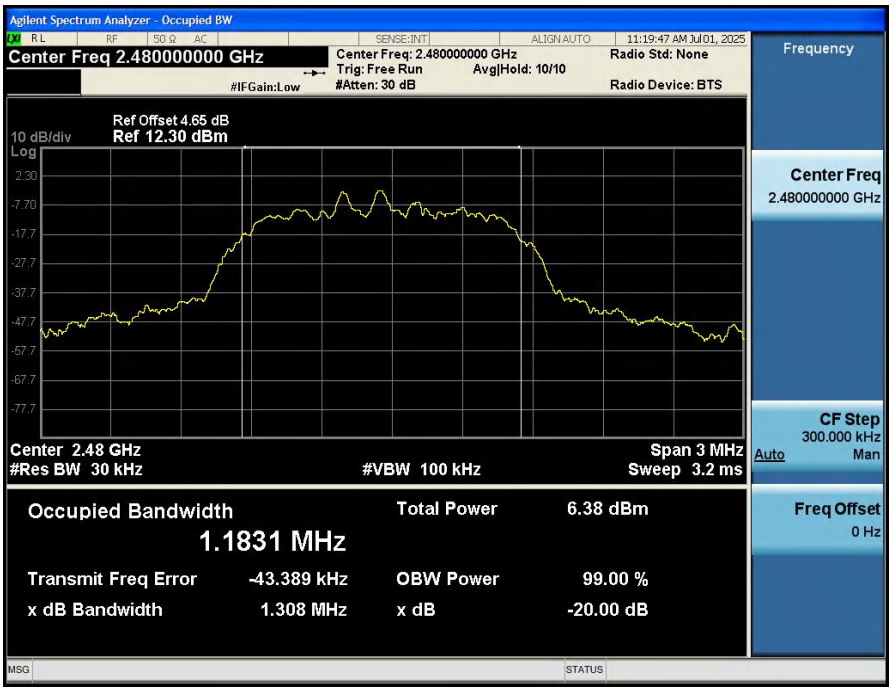
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



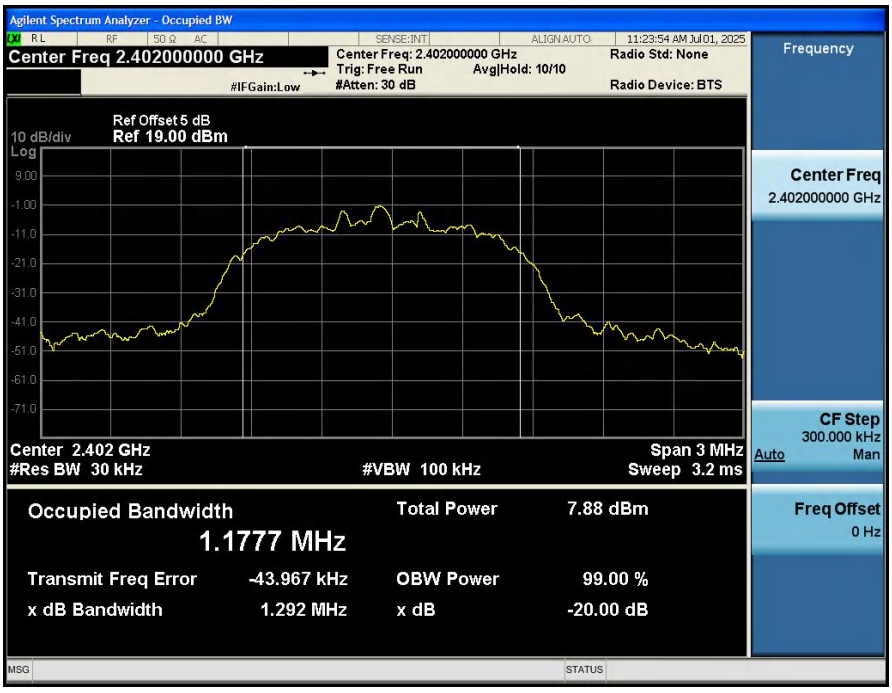
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00



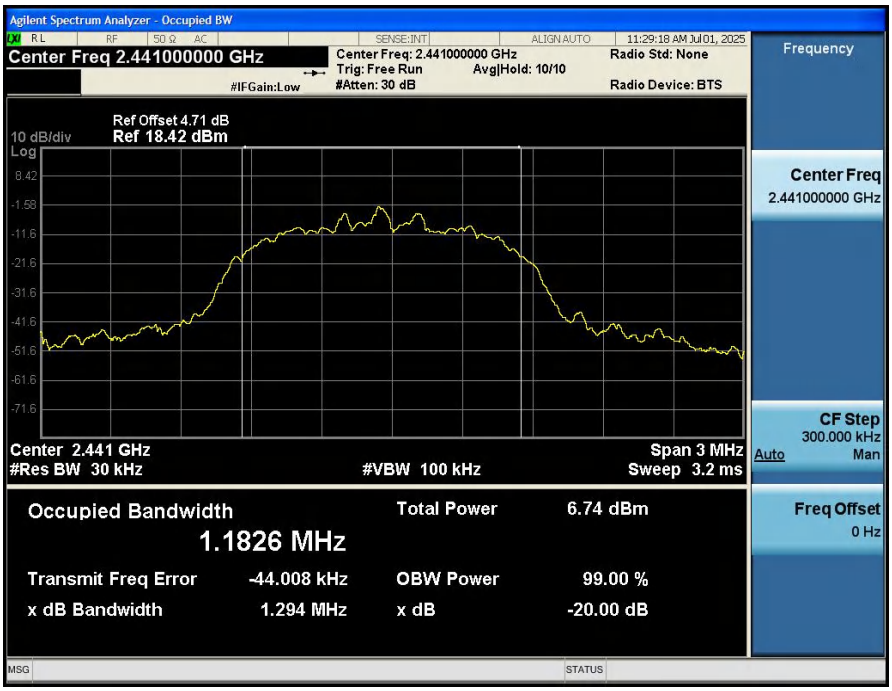
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00



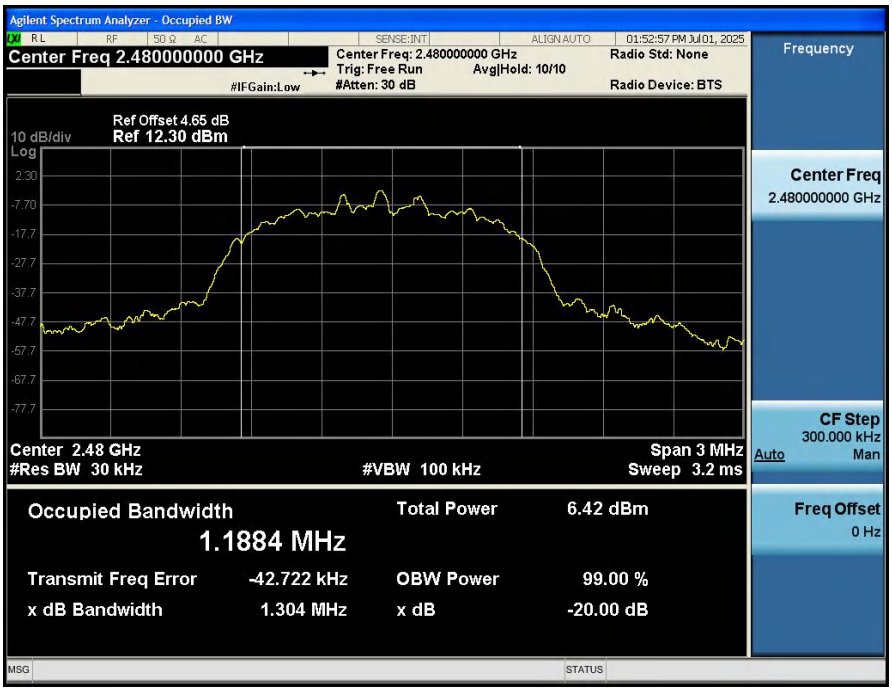
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



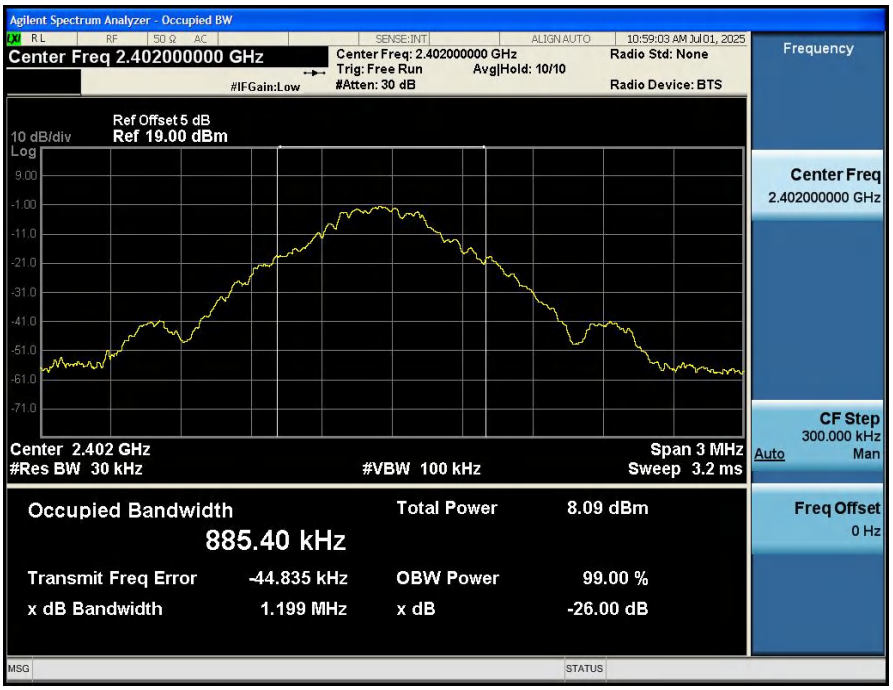
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00



Appendix C: 99% Occupied Bandwidth

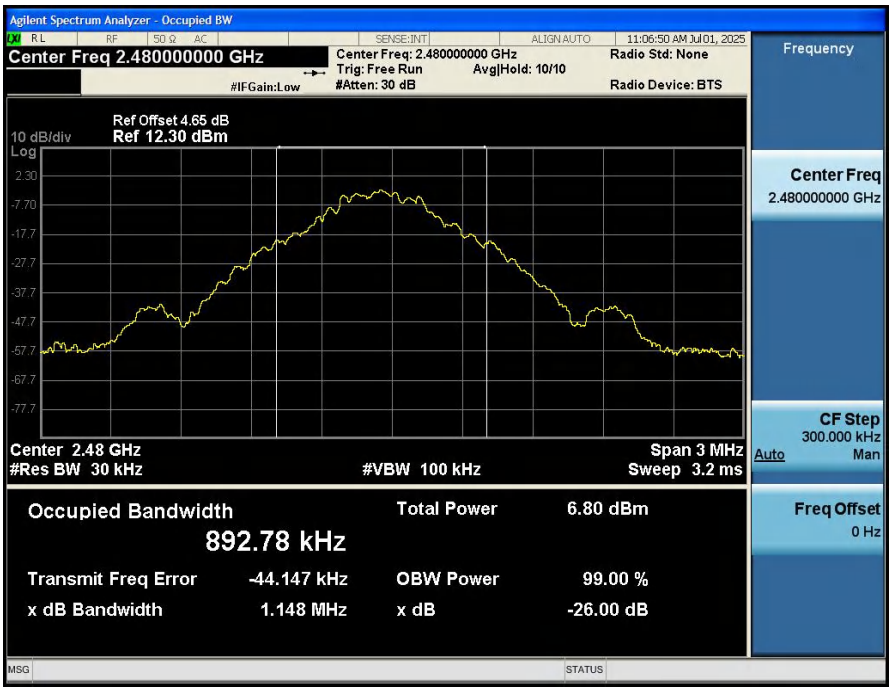
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.885
NVNT	ANT1	1-DH5	2441.00	0.896
NVNT	ANT1	1-DH5	2480.00	0.893
NVNT	ANT1	2-DH5	2402.00	1.173
NVNT	ANT1	2-DH5	2441.00	1.184
NVNT	ANT1	2-DH5	2480.00	1.186
NVNT	ANT1	3-DH5	2402.00	1.177
NVNT	ANT1	3-DH5	2441.00	1.181
NVNT	ANT1	3-DH5	2480.00	1.188

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00

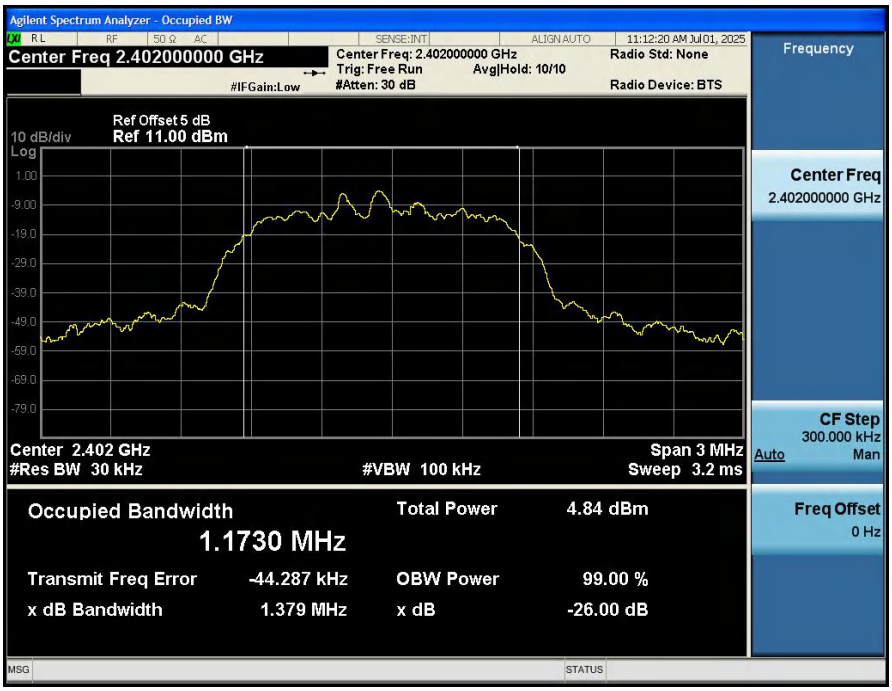


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00

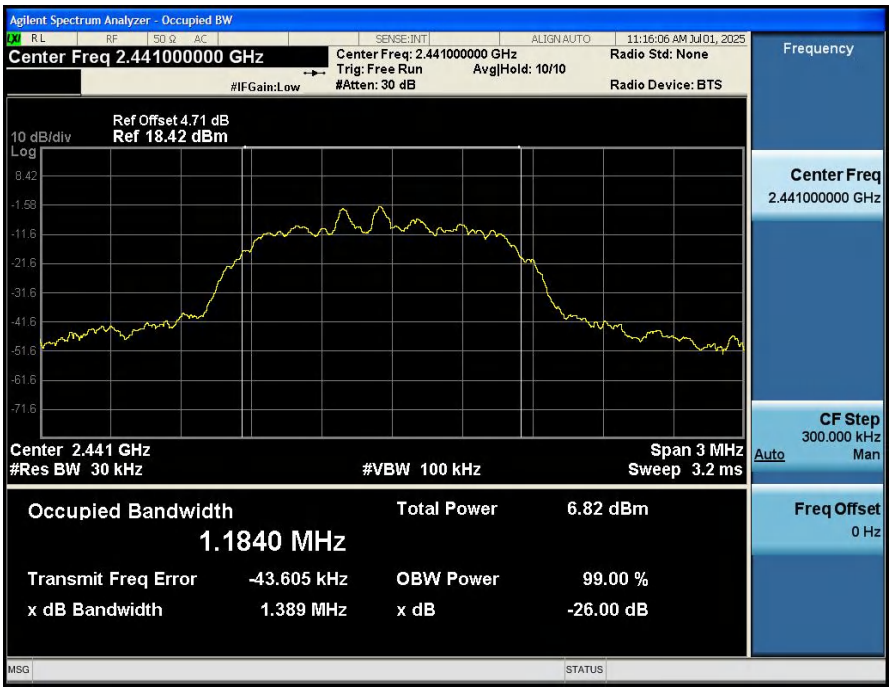
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



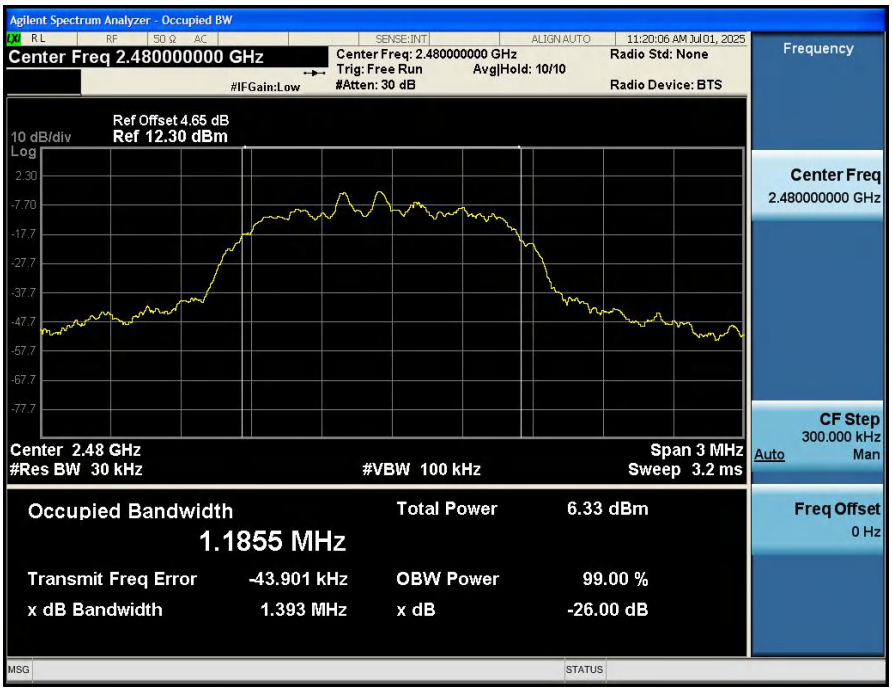
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



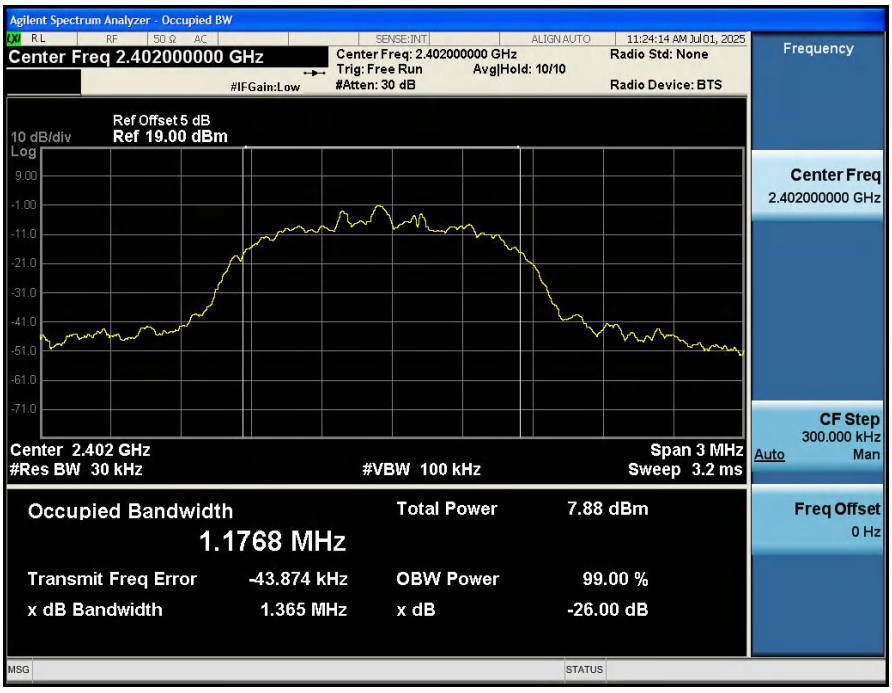
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



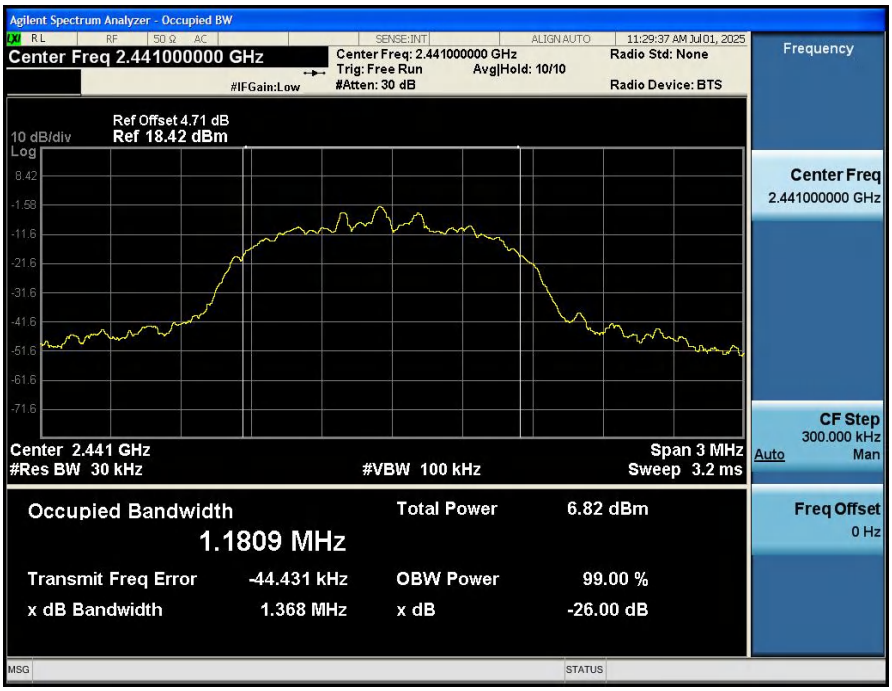
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



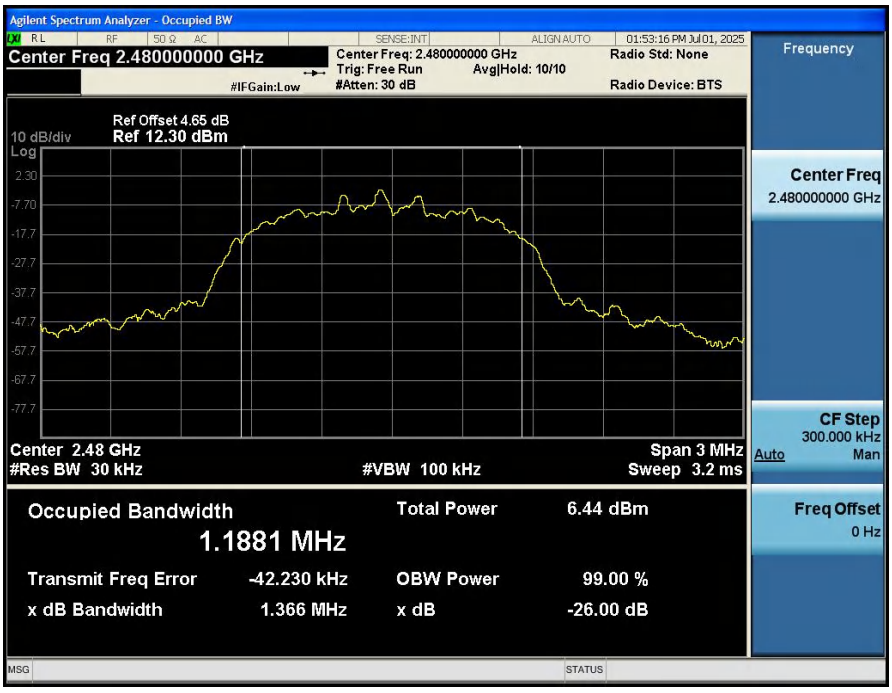
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441_00



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480_00



Appendix D: 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	0.81	1.21	125	Pass
NVNT	ANT1	1-DH5	2441.00	-0.17	0.96	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.64	0.86	125	Pass
NVNT	ANT1	2-DH5	2402.00	-1.40	0.73	125	Pass
NVNT	ANT1	2-DH5	2441.00	0.78	1.20	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.33	1.08	125	Pass
NVNT	ANT1	3-DH5	2402.00	**2.02**	1.59	125	Pass
NVNT	ANT1	3-DH5	2441.00	1.12	1.30	125	Pass
NVNT	ANT1	3-DH5	2480.00	0.79	1.20	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH5_2402_00

Peak_Output_Power_NVNT_ANT1_1-DH5_2441_00

Peak_Output_Power_NVNT_ANT1_1-DH5_2480_00

Peak_Output_Power_NVNT_ANT1_2-DH5_2402_00

Peak_Output_Power_NVNT_ANT1_2-DH5_2441_00

Peak_Output_Power_NVNT_ANT1_2-DH5_2480_00

Peak_Output_Power_NVNT_ANT1_3-DH5_2402_00

Peak_Output_Power_NVNT_ANT1_3-DH5_2441_00

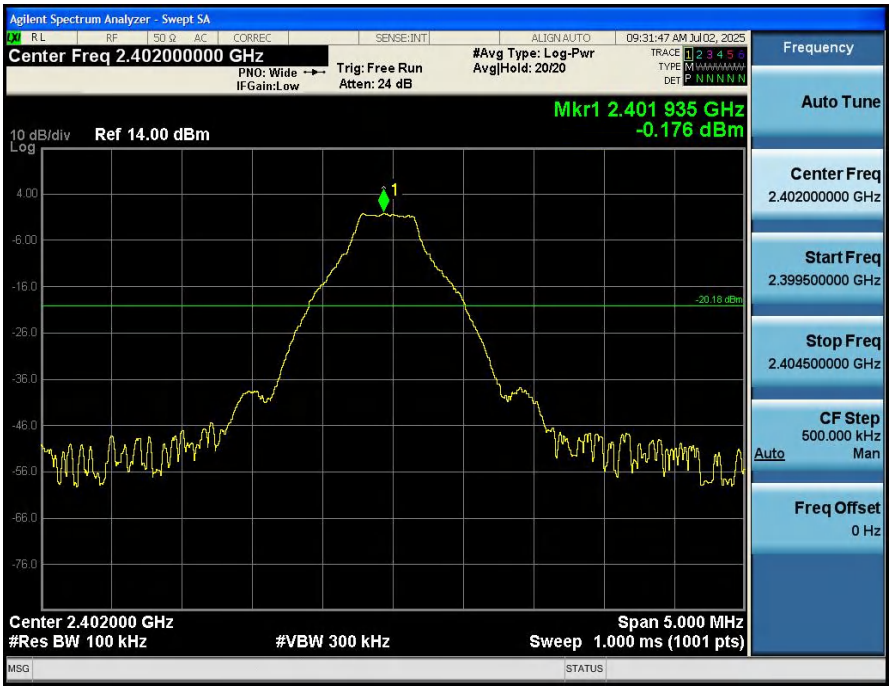
Peak_Output_Power_NVNT_ANT1_3-DH5_2480_00

Appendix E: Spurious Emissions

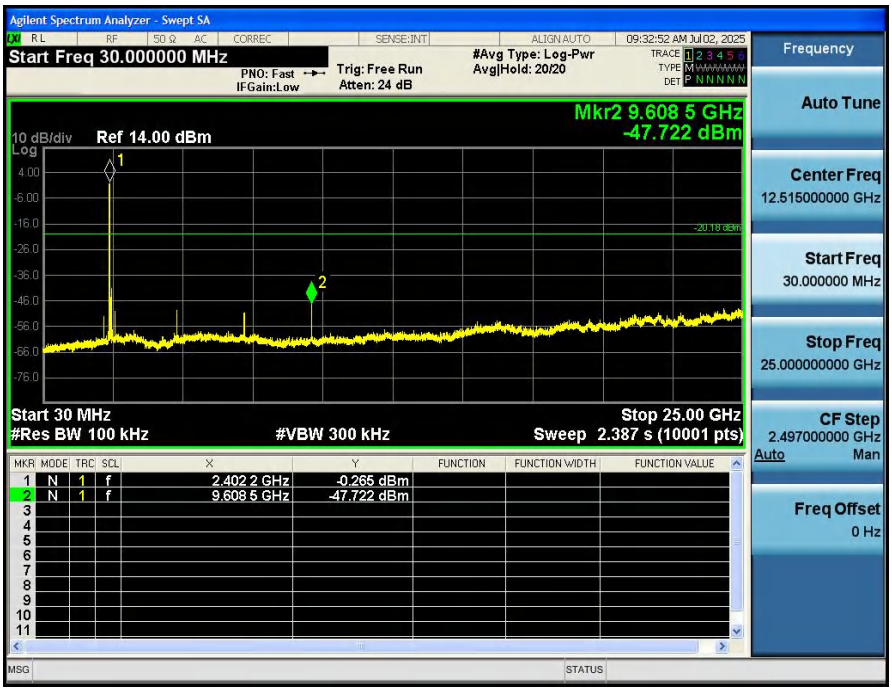
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-0.176	-47.722	-20.176	Pass
NVNT	ANT1	1-DH5	2441.00	-0.644	-44.325	-20.644	Pass
NVNT	ANT1	1-DH5	2480.00	-1.051	-45.001	-21.051	Pass
NVNT	ANT1	2-DH5	2402.00	-3.109	-42.770	-23.109	Pass
NVNT	ANT1	2-DH5	2441.00	-0.646	-44.722	-20.646	Pass
NVNT	ANT1	2-DH5	2480.00	-0.898	-35.066	-20.898	Pass
NVNT	ANT1	3-DH5	2402.00	-0.166	-45.395	-20.166	Pass
NVNT	ANT1	3-DH5	2441.00	-0.727	-45.140	-20.727	Pass
NVNT	ANT1	3-DH5	2480.00	-1.142	-44.570	-21.142	Pass

Note:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

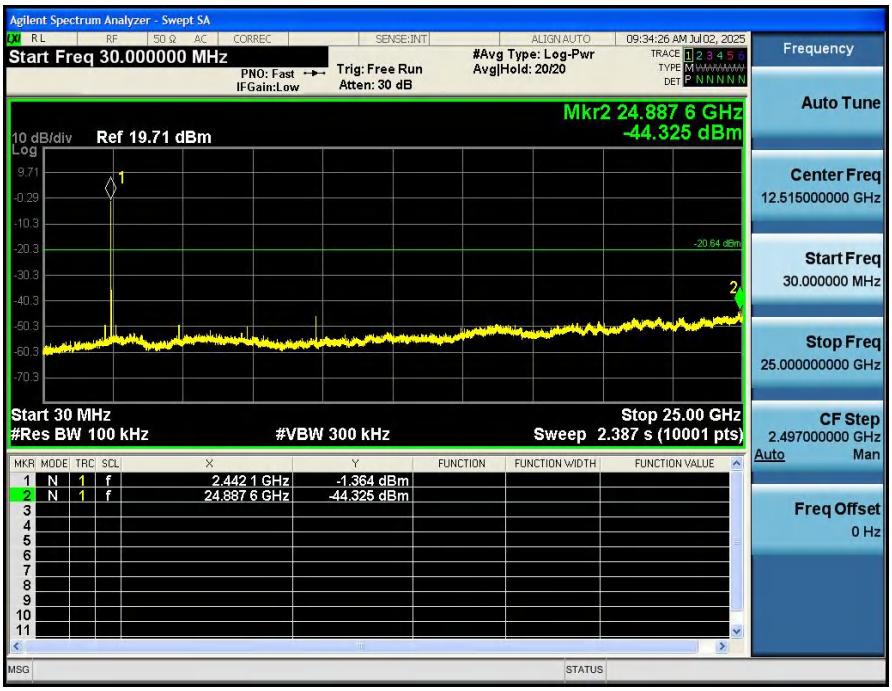


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00

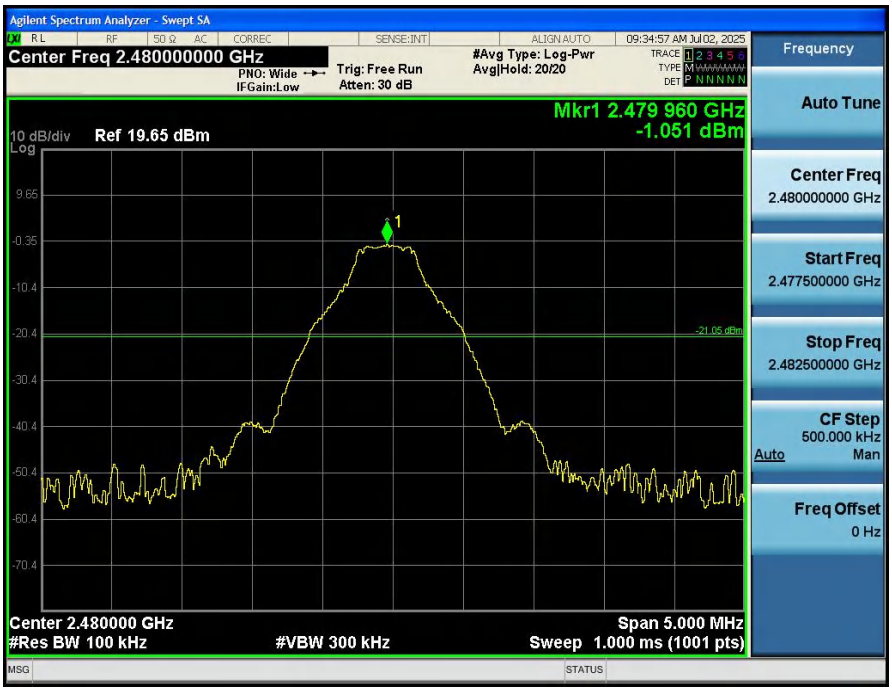


1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

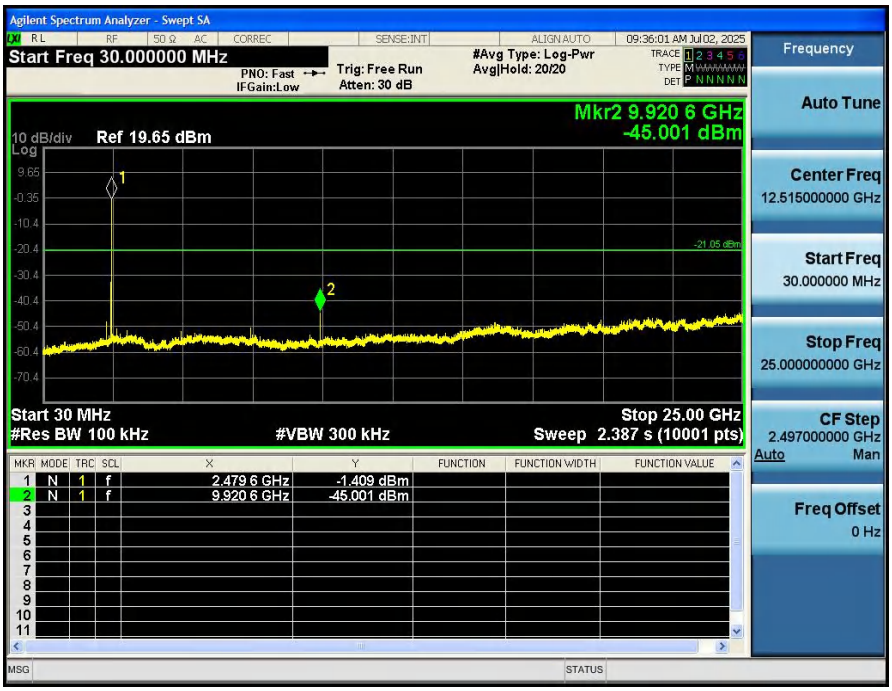
2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



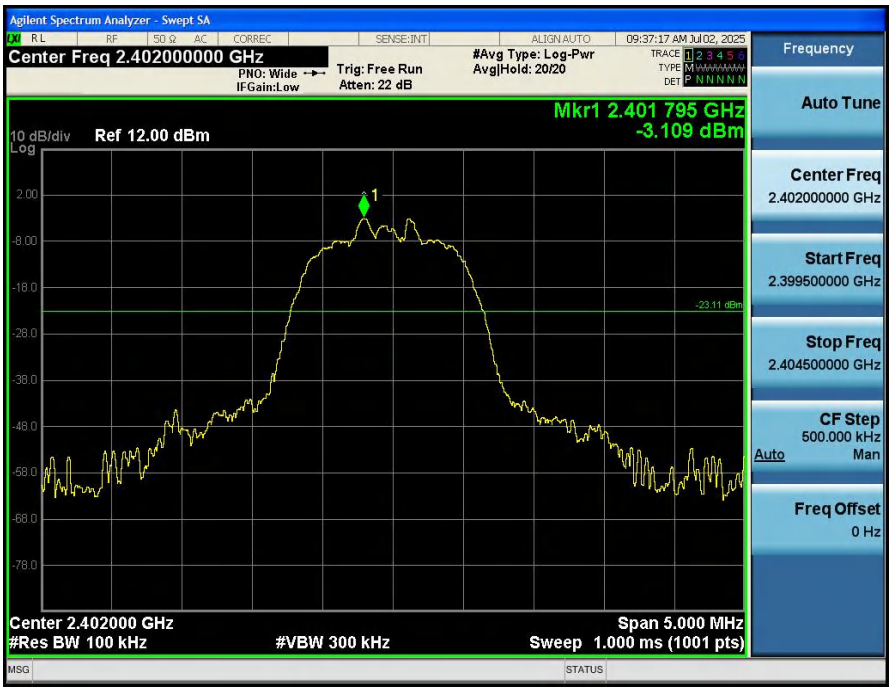
1_Reference_Level_NVNT_ANT1_1-DH5_2480_00



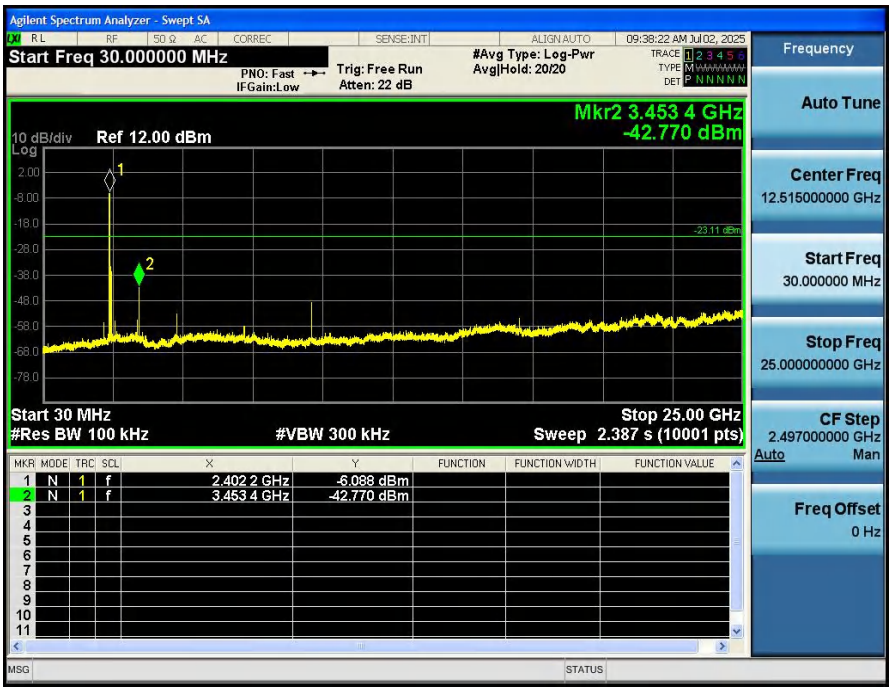
2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

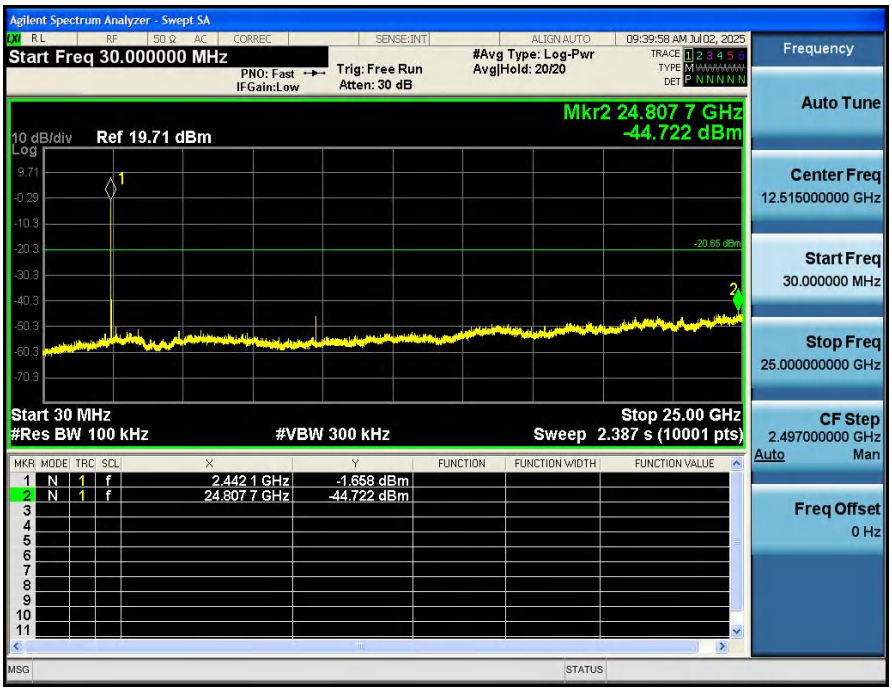


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



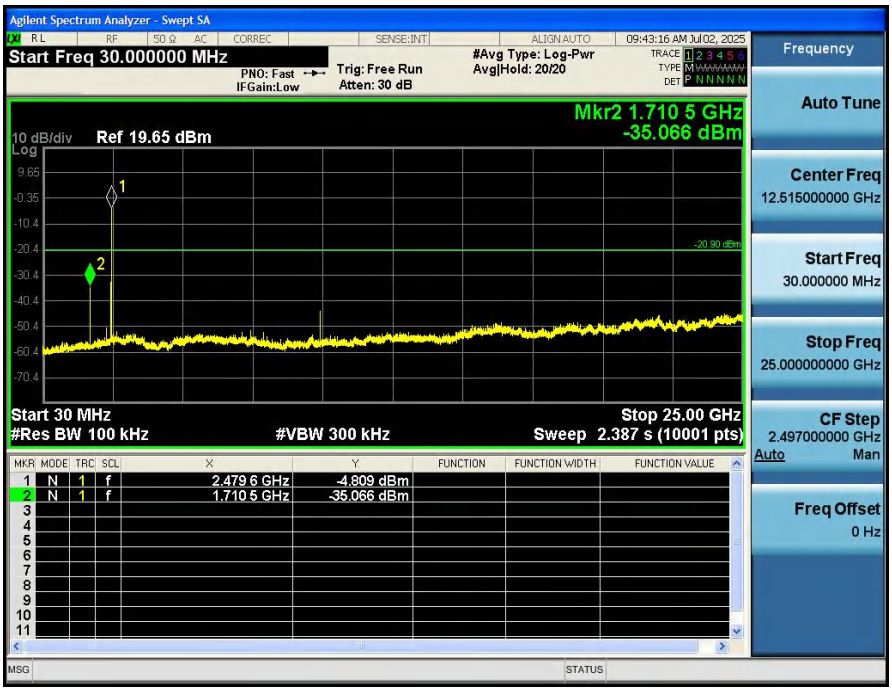
1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



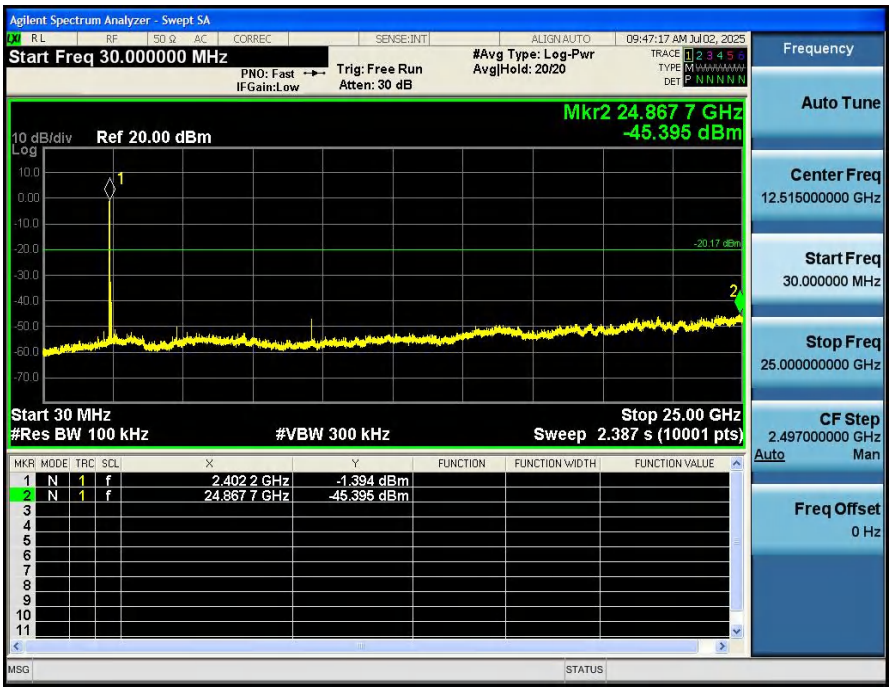
1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



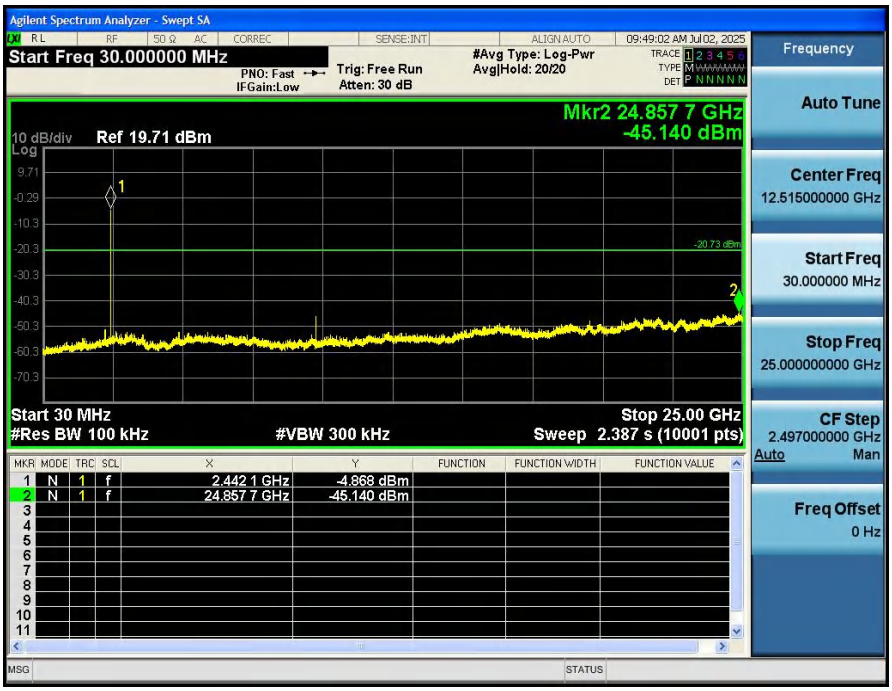
1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402_00



1_Reference_Level_NVNT_ANT1_3-DH5_2441_00

2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441_00



1_Reference_Level_NVNT_ANT1_3-DH5_2480_00

2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480_00