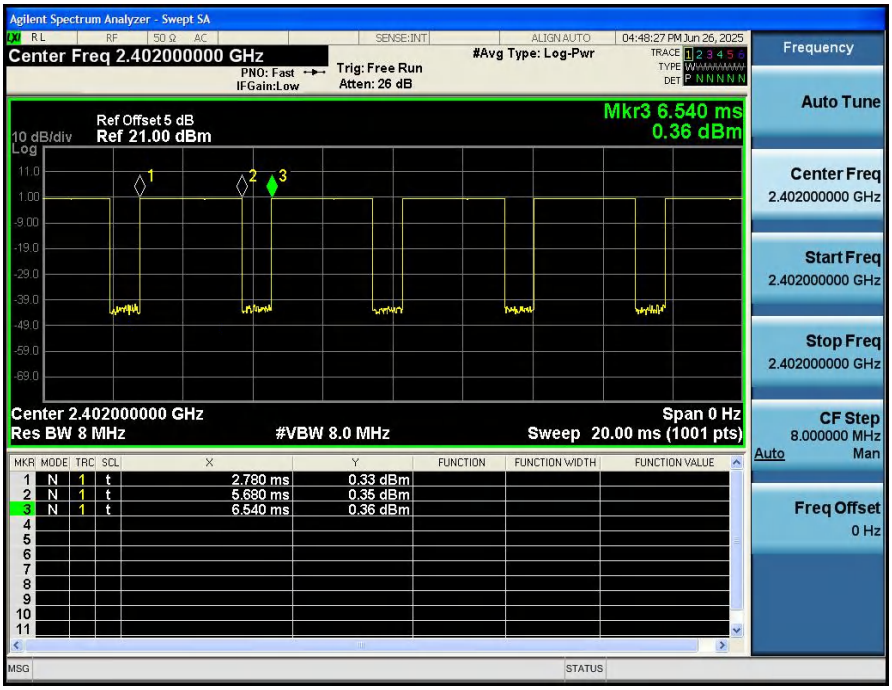
Appendix Test Data

Report No.:	1812C50307312501	Test Sample No.:	1-2-2
Start Test Date:	2025.6.24	Finish Test Date:	2025.6.26
Test Engineer:	Qiangfei Yang	Auditor:	Justin Feng
Temperature:	22.4℃	Relative Humidity:	57%
Pressure:	101kPa		

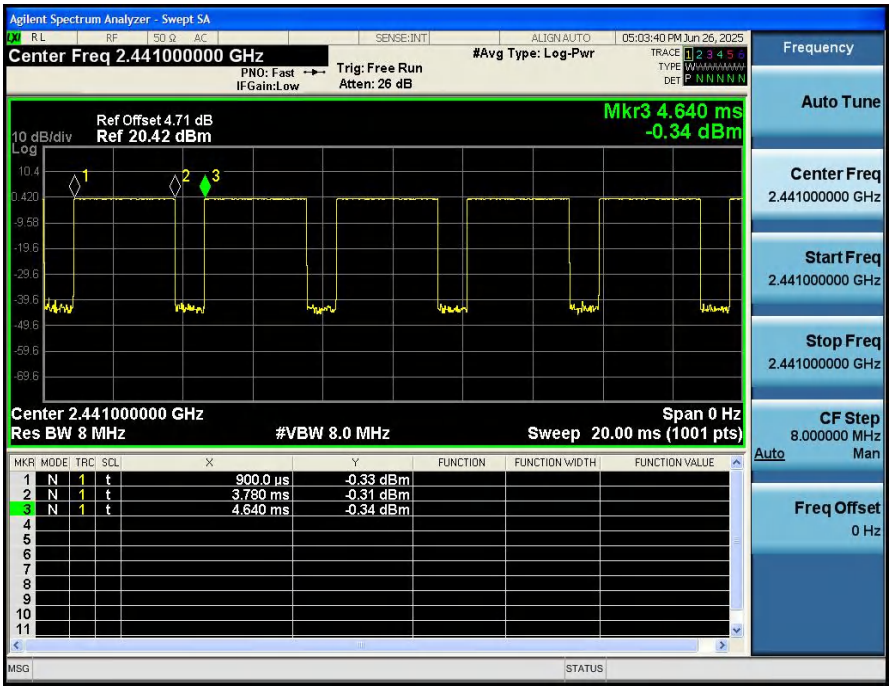
Appendix A: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.66	1.10
NVNT	ANT1	1-DH5	2441.00	77.54	1.10
NVNT	ANT1	1-DH5	2480.00	77.54	1.10
NVNT	ANT1	2-DH5	2402.00	77.66	1.10
NVNT	ANT1	2-DH5	2441.00	77.66	1.10
NVNT	ANT1	2-DH5	2480.00	77.54	1.10
NVNT	ANT1	3-DH5	2402.00	77.13	1.13
NVNT	ANT1	3-DH5	2441.00	77.66	1.10
NVNT	ANT1	3-DH5	2480.00	77.01	1.13

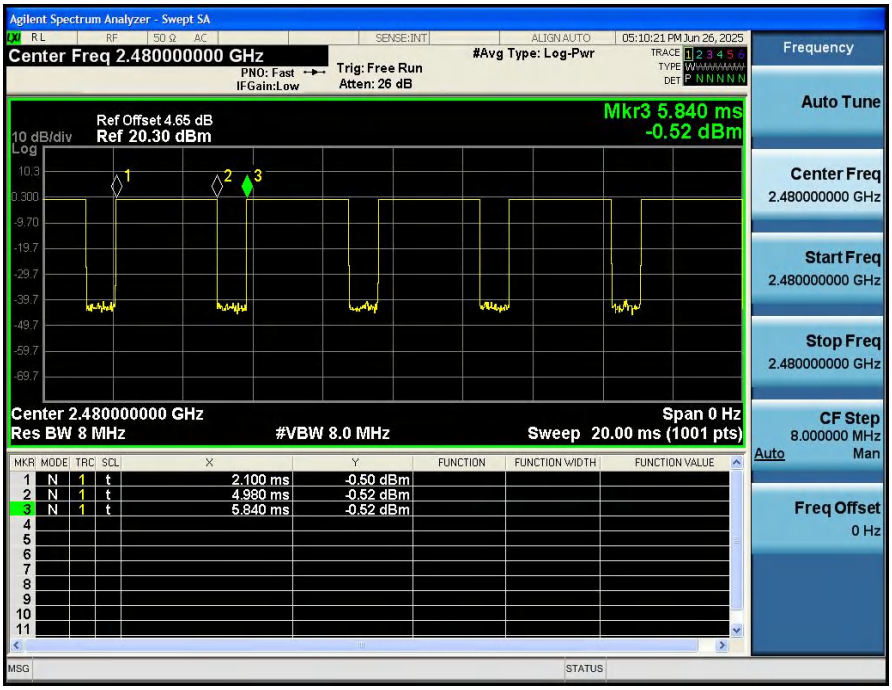
Duty_Cycle_NVNT_ANT1_1-DH5_2402



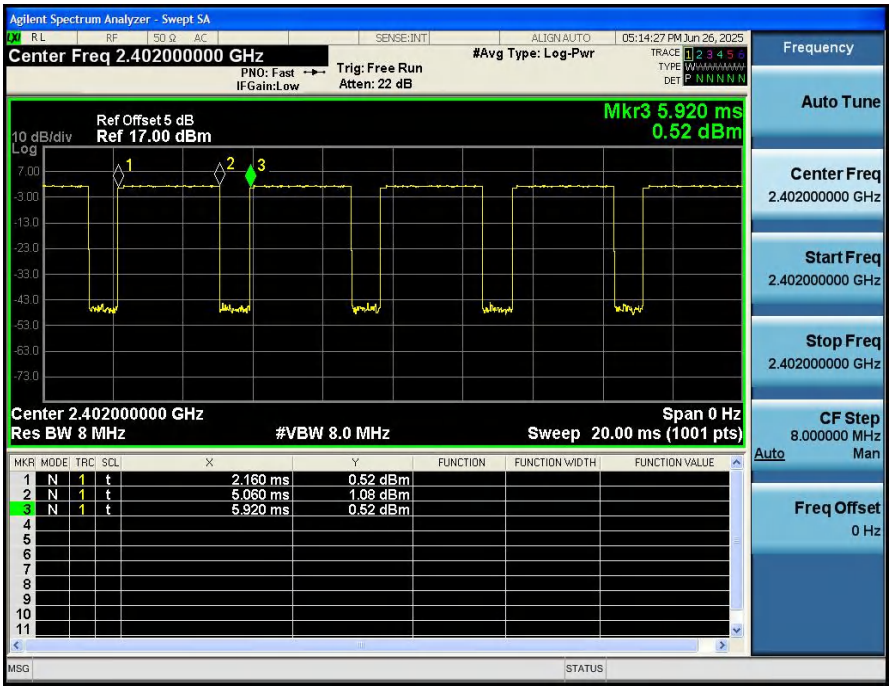
Duty_Cycle_NVNT_ANT1_1-DH5_2441



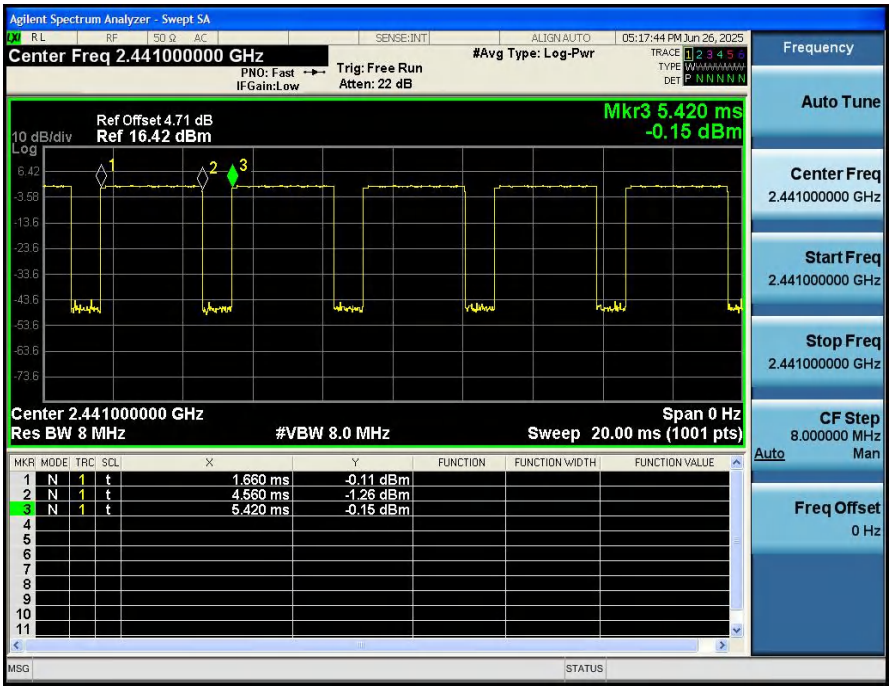
Duty_Cycle_NVNT_ANT1_1-DH5_2480



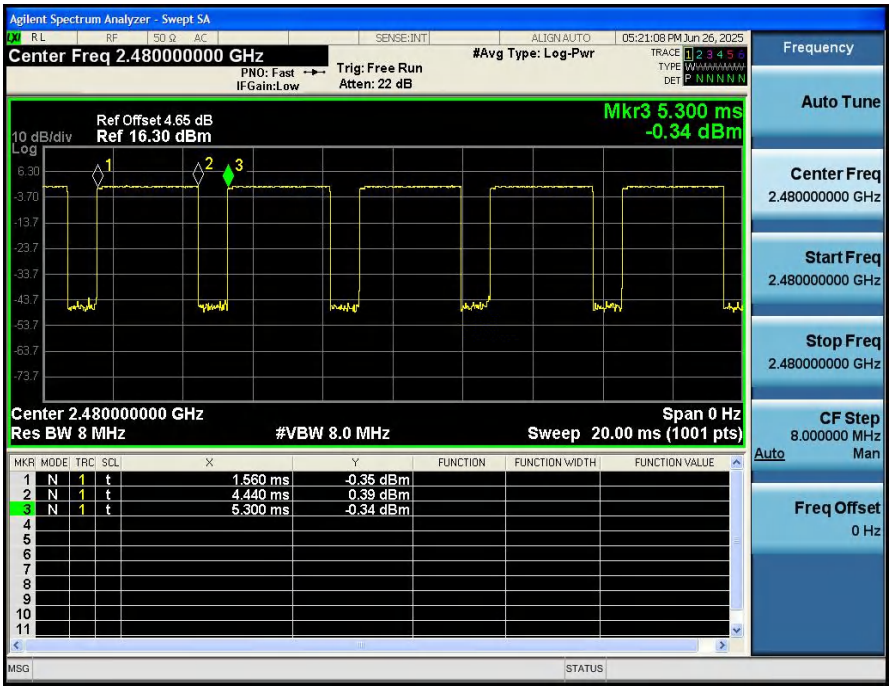
Duty_Cycle_NVNT_ANT1_2-DH5_2402



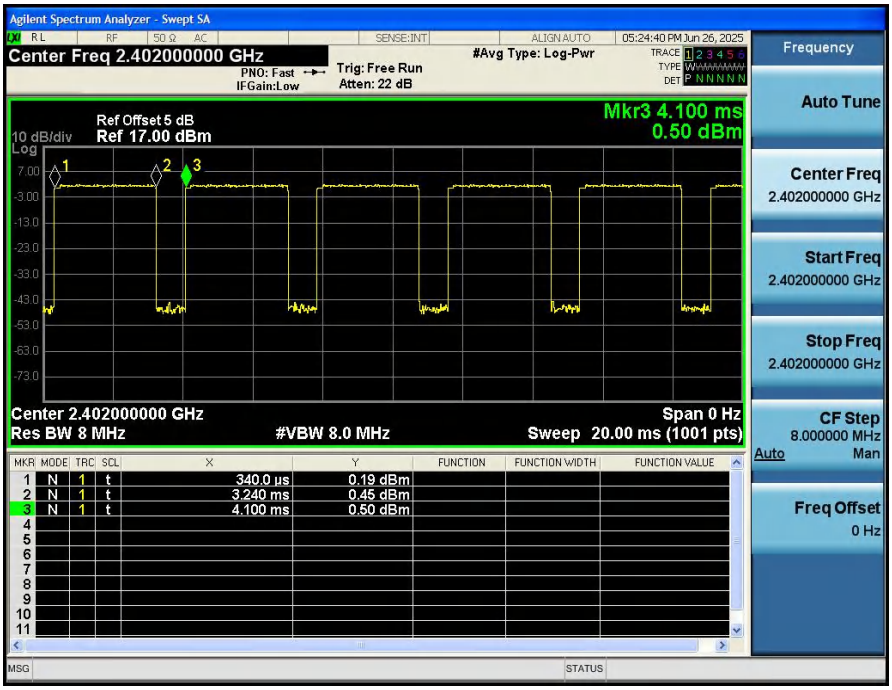
Duty_Cycle_NVNT_ANT1_2-DH5_2441



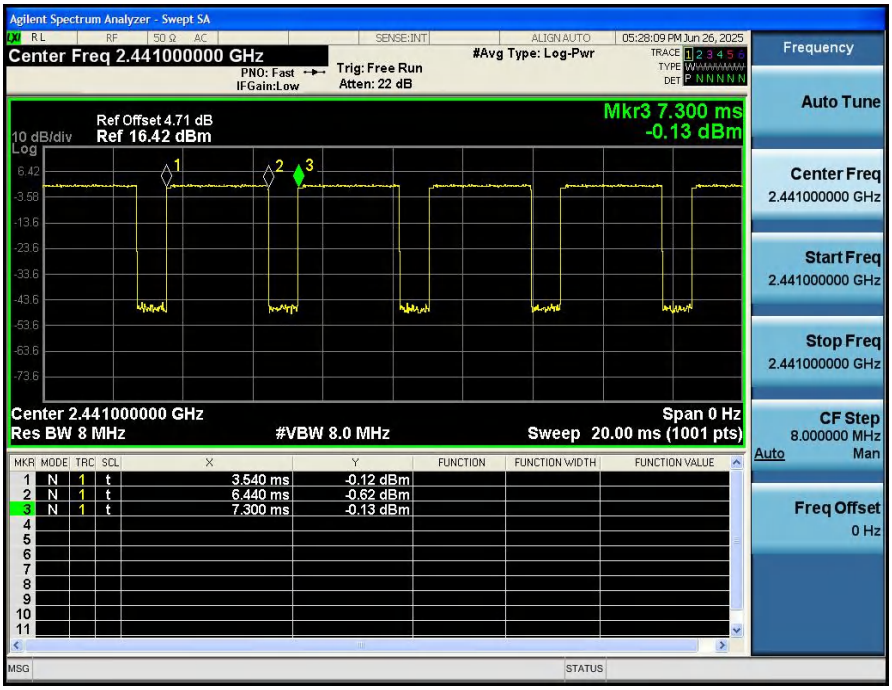
Duty_Cycle_NVNT_ANT1_2-DH5_2480



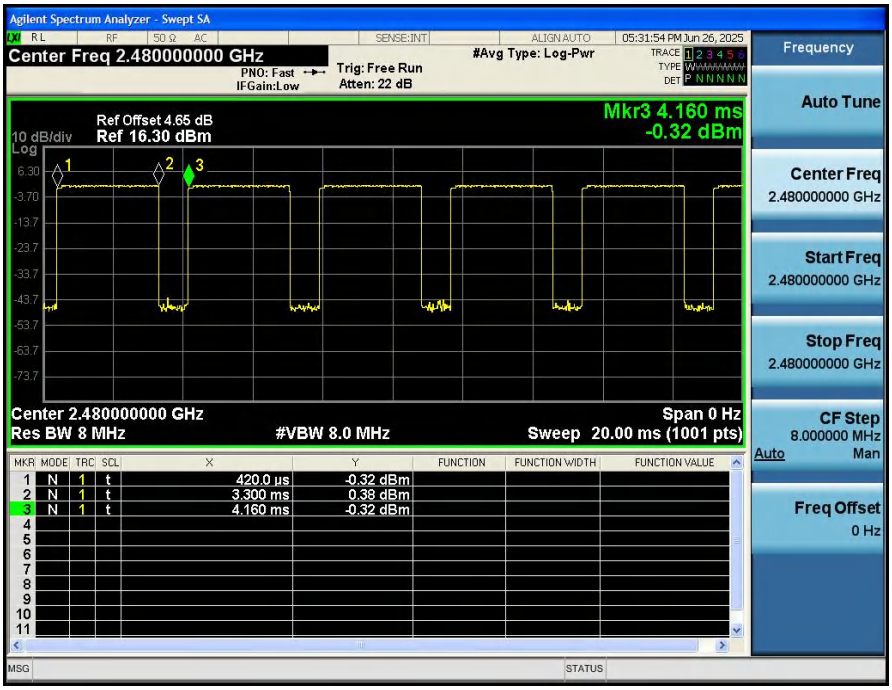
Duty_Cycle_NVNT_ANT1_3-DH5_2402



Duty_Cycle_NVNT_ANT1_3-DH5_2441



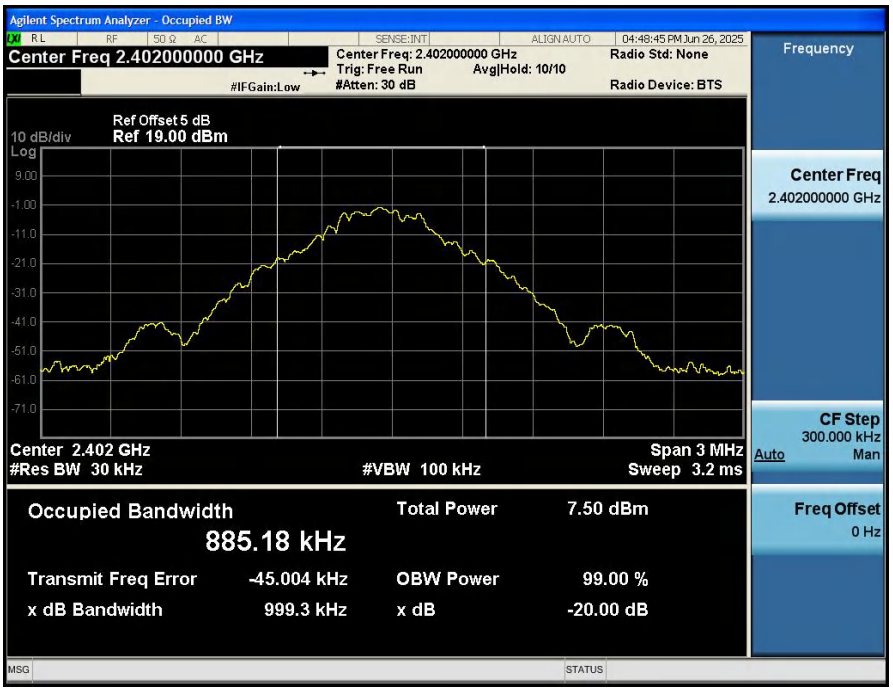
Duty_Cycle_NVNT_ANT1_3-DH5_2480



Appendix B: -20dB Bandwidth

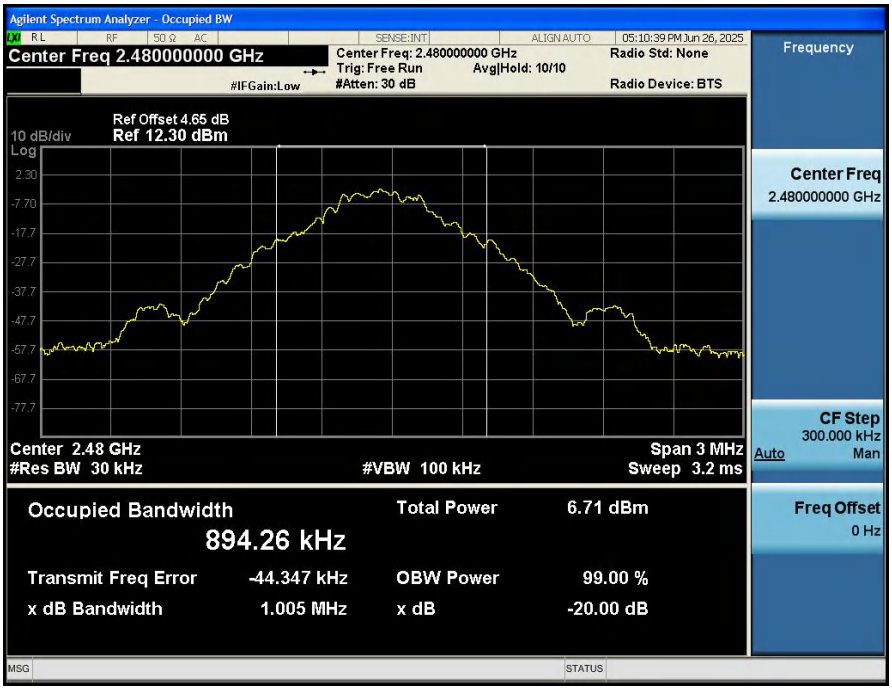
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.999	No
NVNT	ANT1	1-DH5	2441.00	1.015	Yes
NVNT	ANT1	1-DH5	2480.00	1.005	Yes
NVNT	ANT1	2-DH5	2402.00	1.287	Yes
NVNT	ANT1	2-DH5	2441.00	1.286	Yes
NVNT	ANT1	2-DH5	2480.00	1.287	Yes
NVNT	ANT1	3-DH5	2402.00	1.291	Yes
NVNT	ANT1	3-DH5	2441.00	1.300	Yes
NVNT	ANT1	3-DH5	2480.00	1.297	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402_00

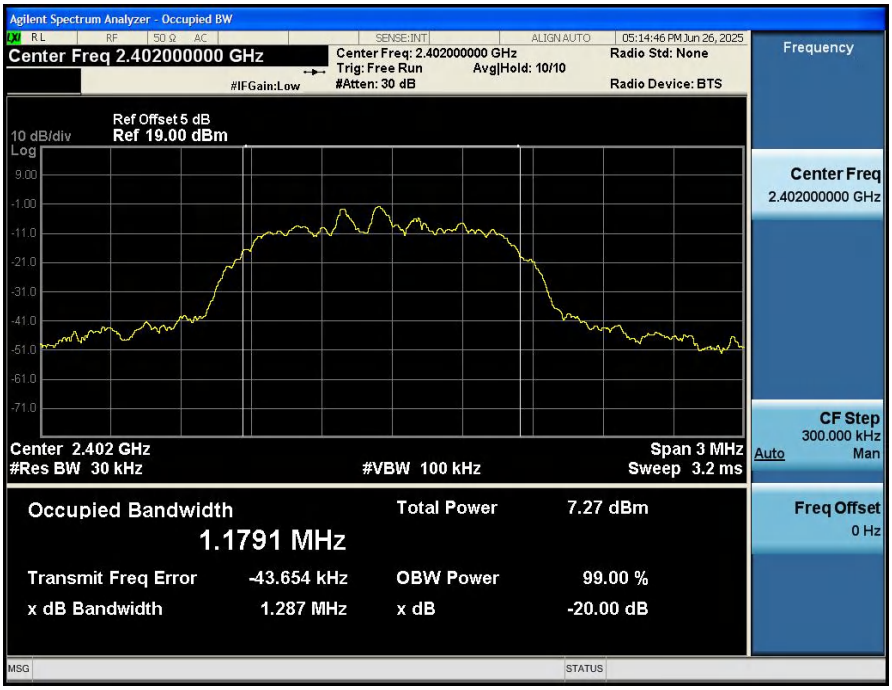


-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441_00

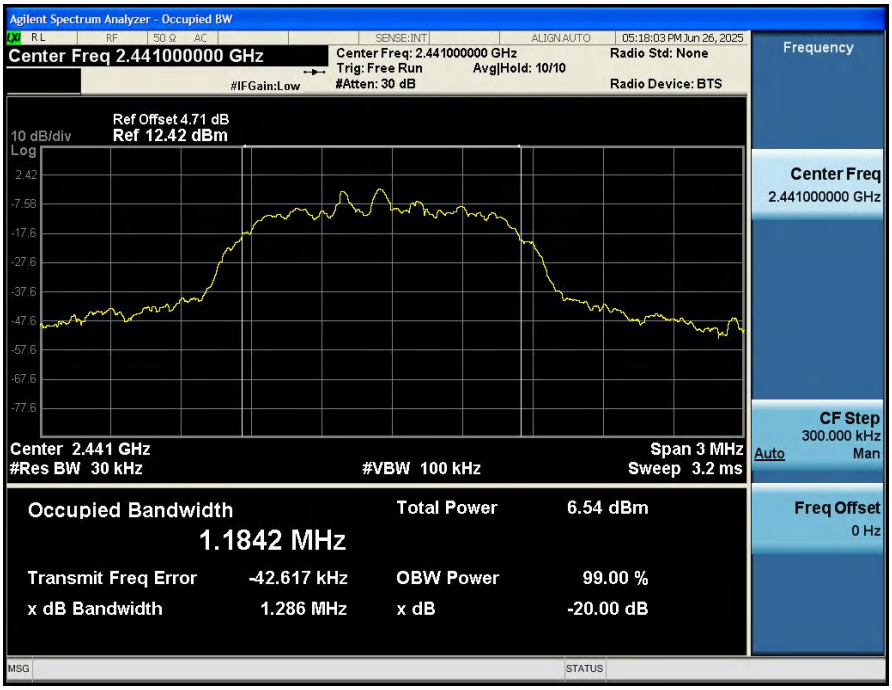
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480_00



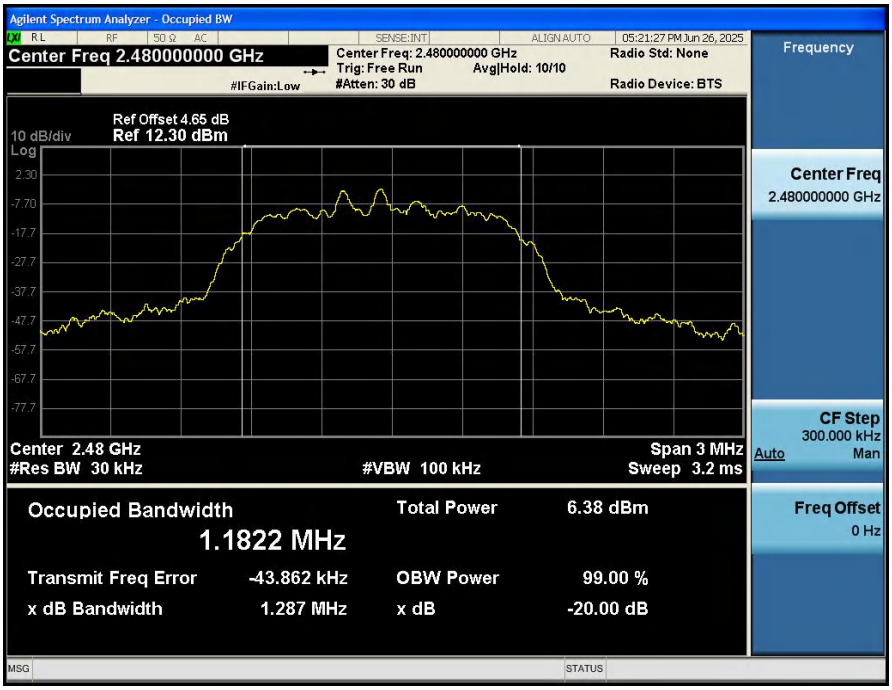
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441_00

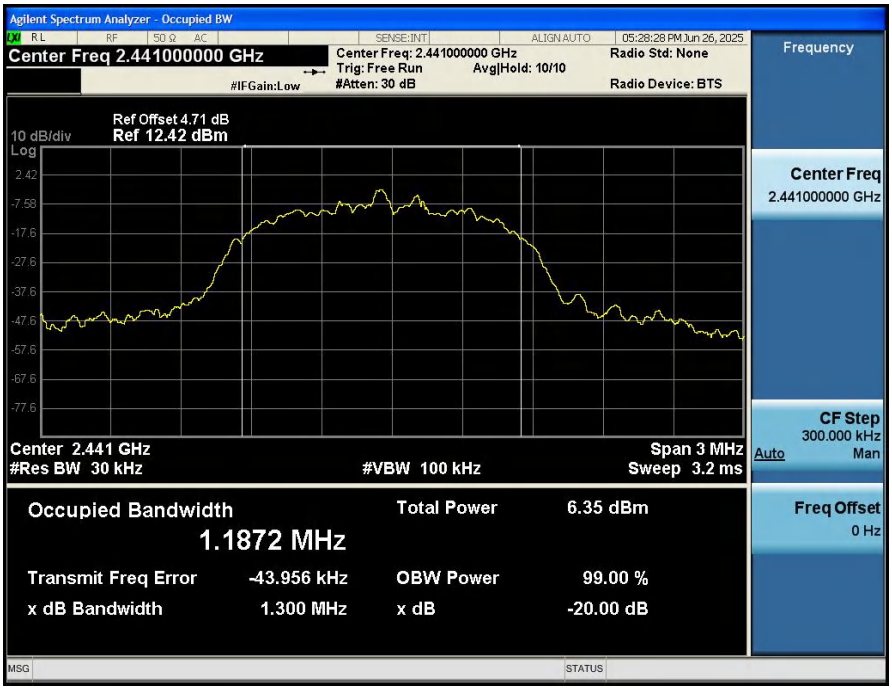


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480_00

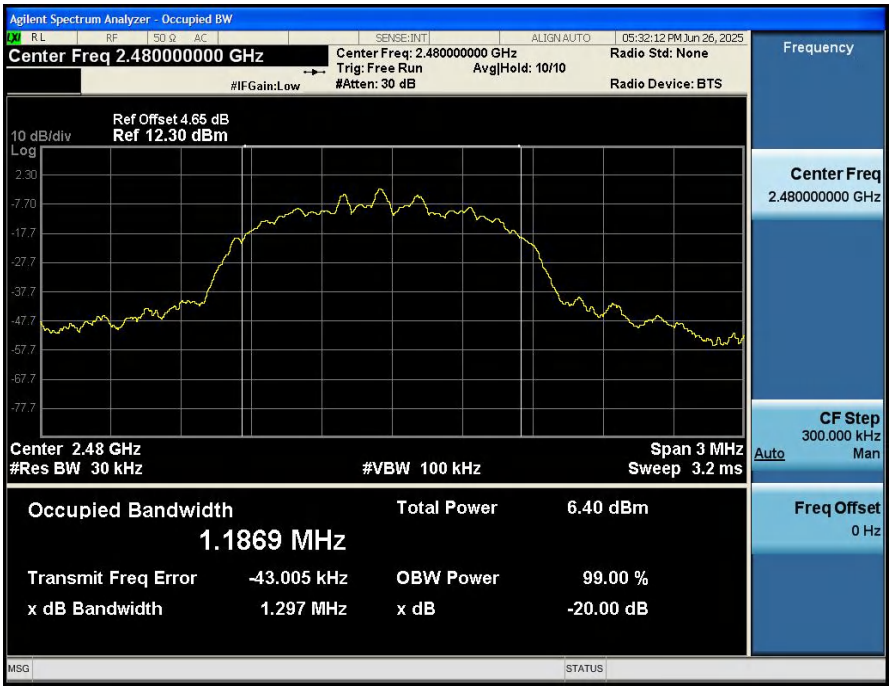


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402_00

-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441_00



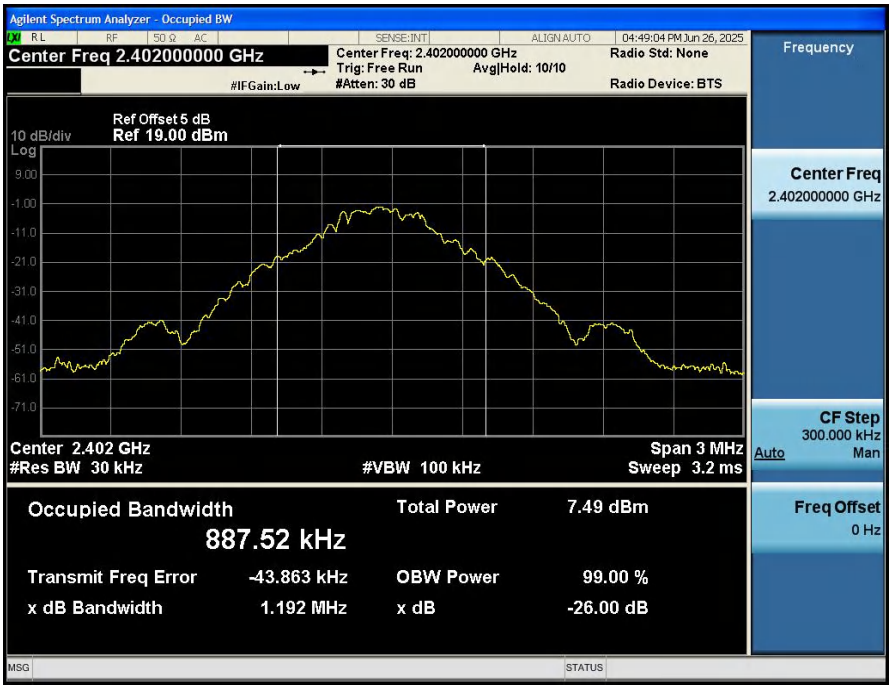
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480_00



Appendix C: 99% Occupied Bandwidth

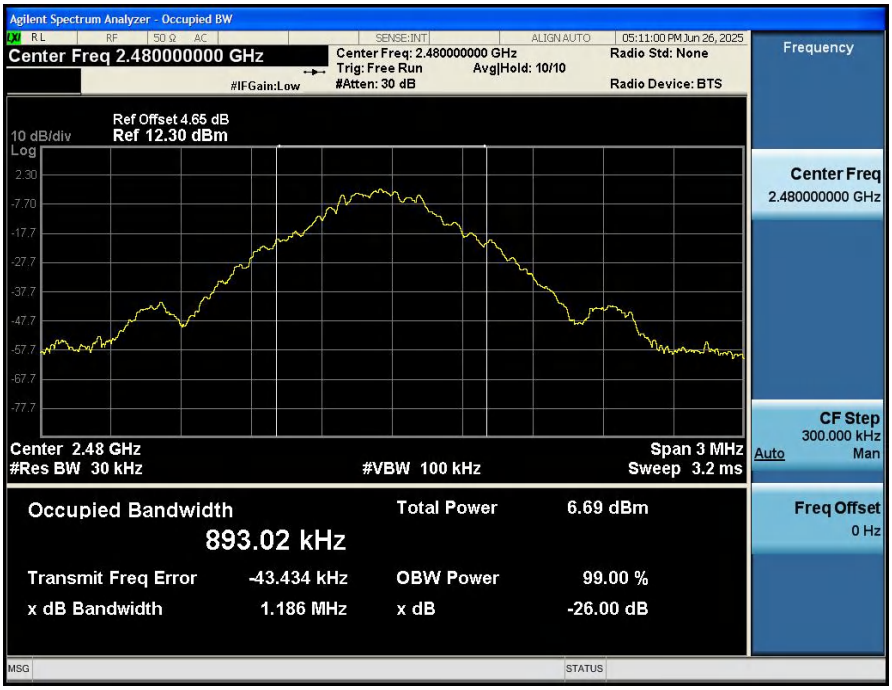
Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.888
NVNT	ANT1	1-DH5	2441.00	0.896
NVNT	ANT1	1-DH5	2480.00	0.893
NVNT	ANT1	2-DH5	2402.00	1.180
NVNT	ANT1	2-DH5	2441.00	1.187
NVNT	ANT1	2-DH5	2480.00	1.187
NVNT	ANT1	3-DH5	2402.00	1.181
NVNT	ANT1	3-DH5	2441.00	1.182
NVNT	ANT1	3-DH5	2480.00	1.188

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402_00

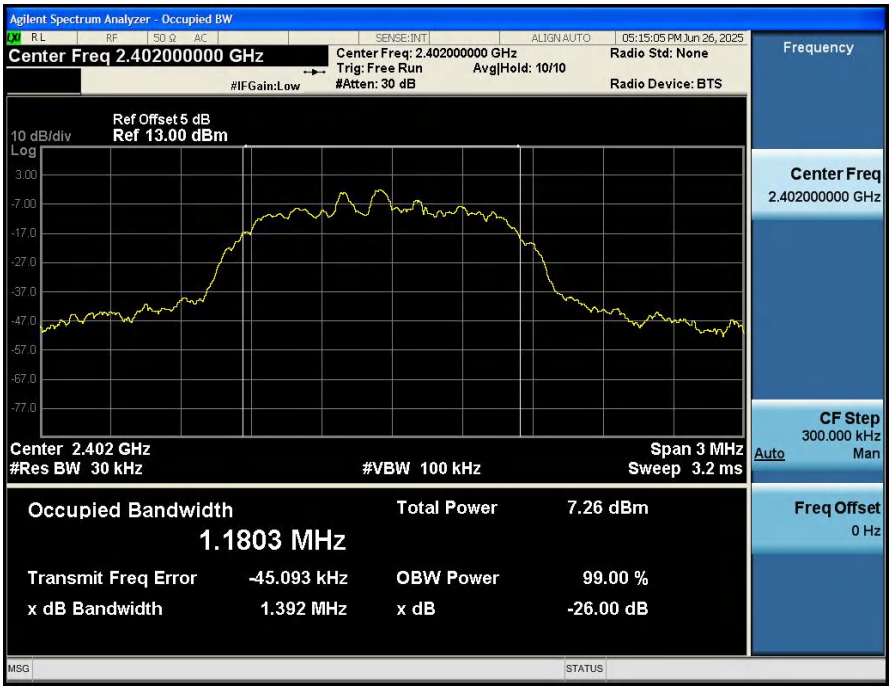


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441_00

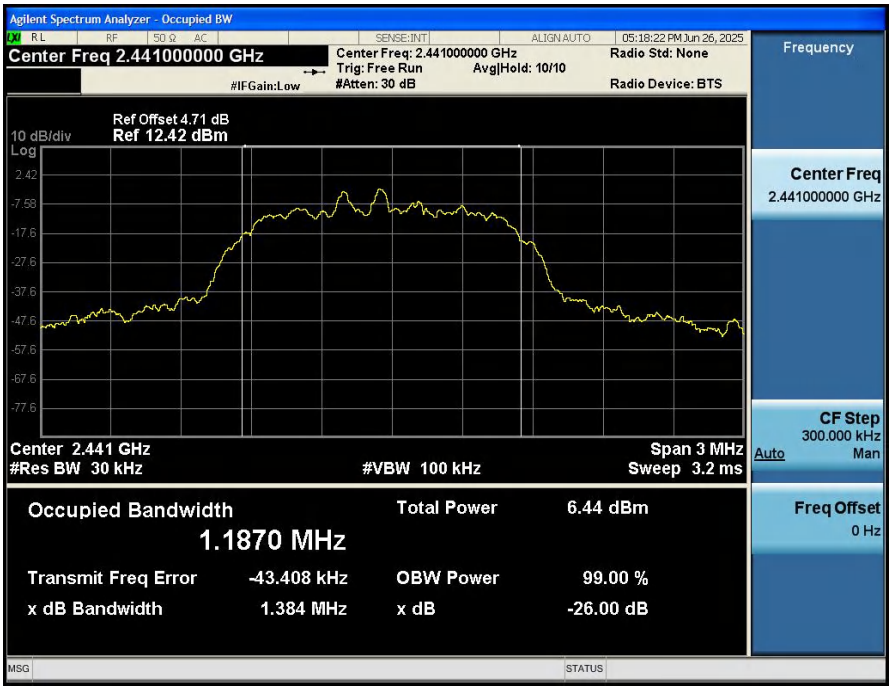
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480_00



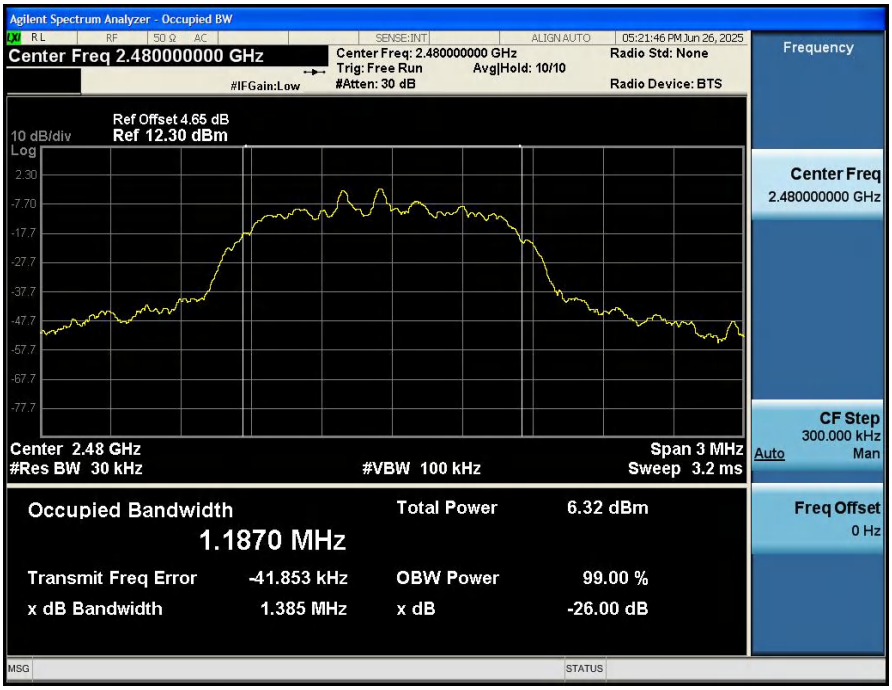
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402_00



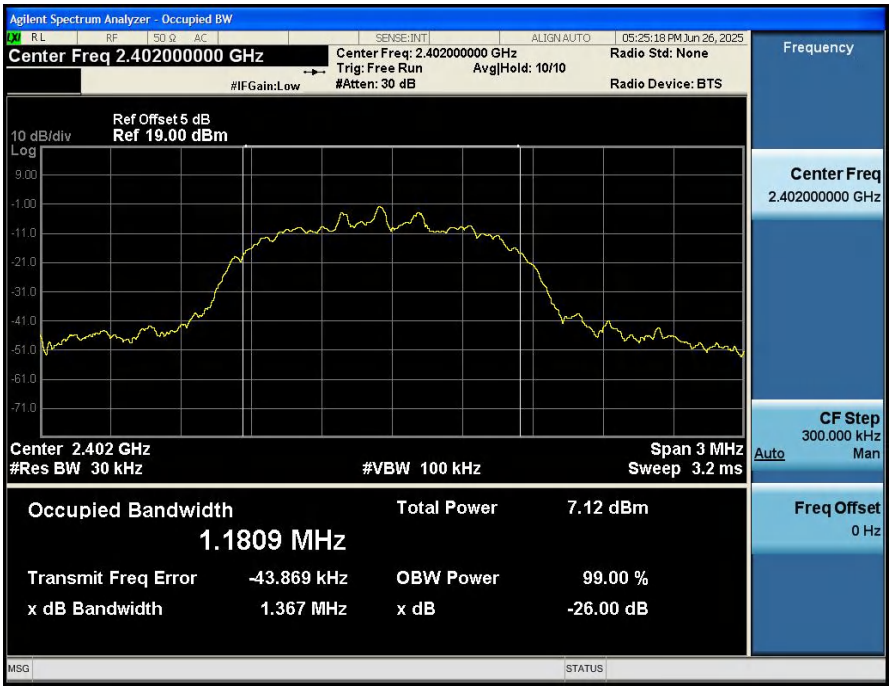
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441_00



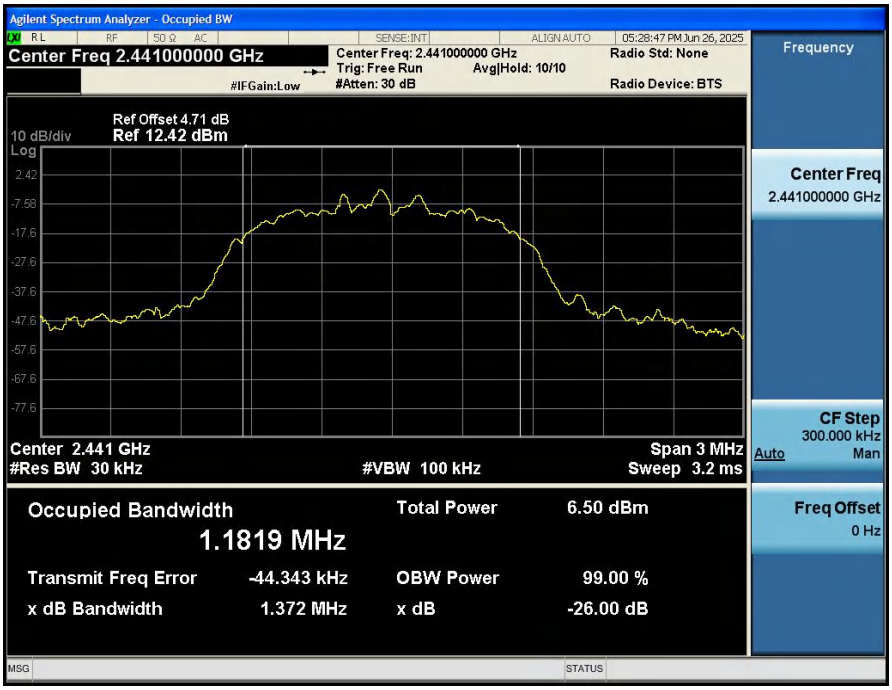
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480_00



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	0.30	1.07	125	Pass
NVNT	ANT1	1-DH5	2441.00	-0.51	0.89	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.73	0.85	125	Pass
NVNT	ANT1	2-DH5	2402.00	1.21	1.32	125	Pass
NVNT	ANT1	2-DH5	2441.00	0.63	1.16	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.44	1.11	125	Pass
NVNT	ANT1	3-DH5	2402.00	1.62	1.45	125	Pass
NVNT	ANT1	3-DH5	2441.00	1.03	1.27	125	Pass
NVNT	ANT1	3-DH5	2480.00	0.85	1.22	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

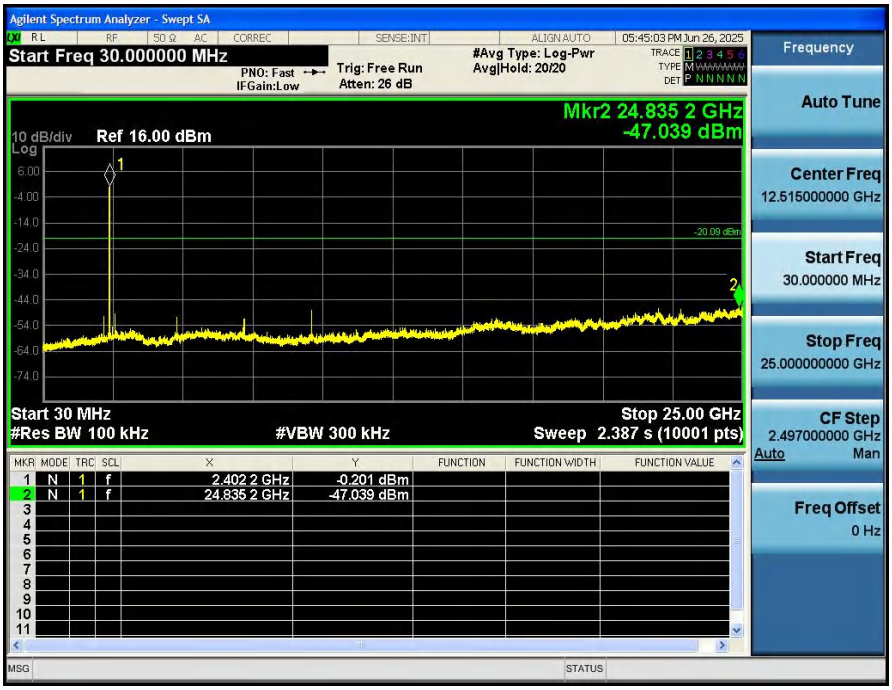
Appendix E: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-0.089	-47.039	-20.089	Pass
NVNT	ANT1	1-DH5	2441.00	-0.241	-48.019	-20.241	Pass
NVNT	ANT1	1-DH5	2480.00	-0.975	-44.325	-20.975	Pass
NVNT	ANT1	2-DH5	2402.00	0.308	-47.017	-19.692	Pass
NVNT	ANT1	2-DH5	2441.00	-1.821	-44.684	-21.821	Pass
NVNT	ANT1	2-DH5	2480.00	-0.890	-44.260	-20.890	Pass
NVNT	ANT1	3-DH5	2402.00	-0.301	-44.827	-20.301	Pass
NVNT	ANT1	3-DH5	2441.00	-0.722	-42.936	-20.722	Pass
NVNT	ANT1	3-DH5	2480.00	-1.076	-44.298	-21.076	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.

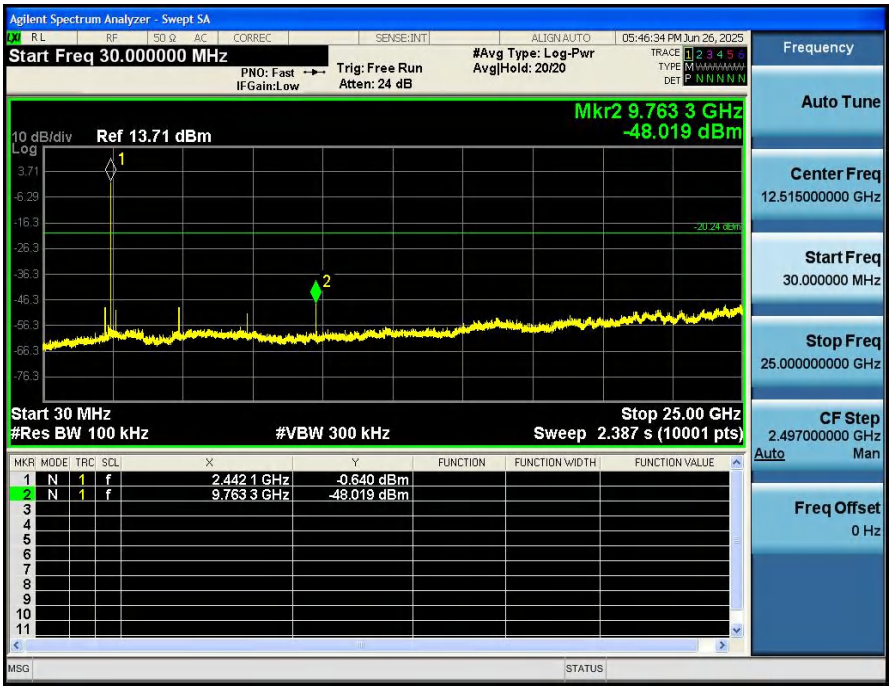
1_Reference_Level_NVNT_ANT1_1-DH5_2402_00

2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402_00



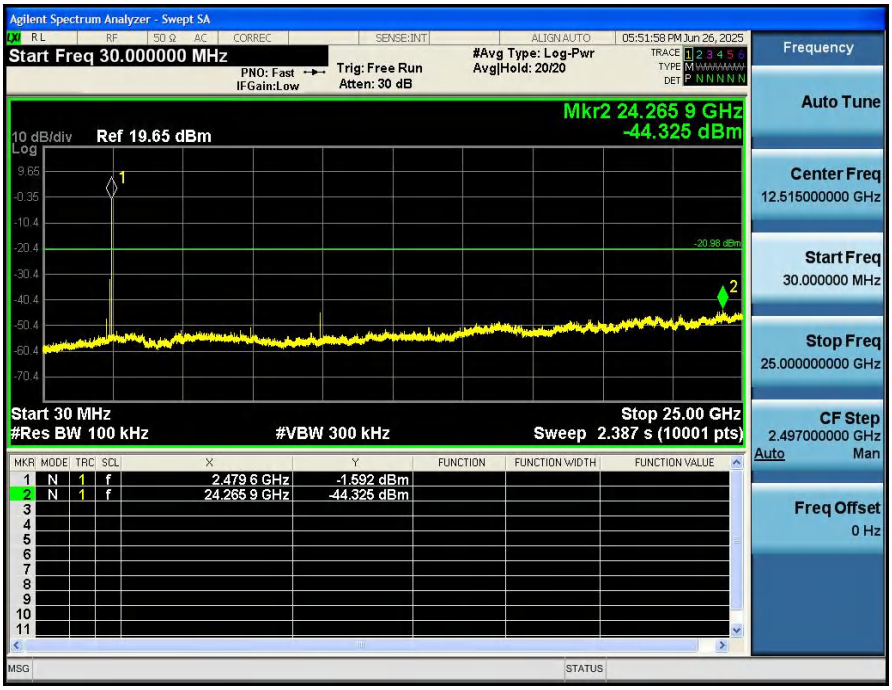
1_Reference_Level_NVNT_ANT1_1-DH5_2441_00

2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441_00



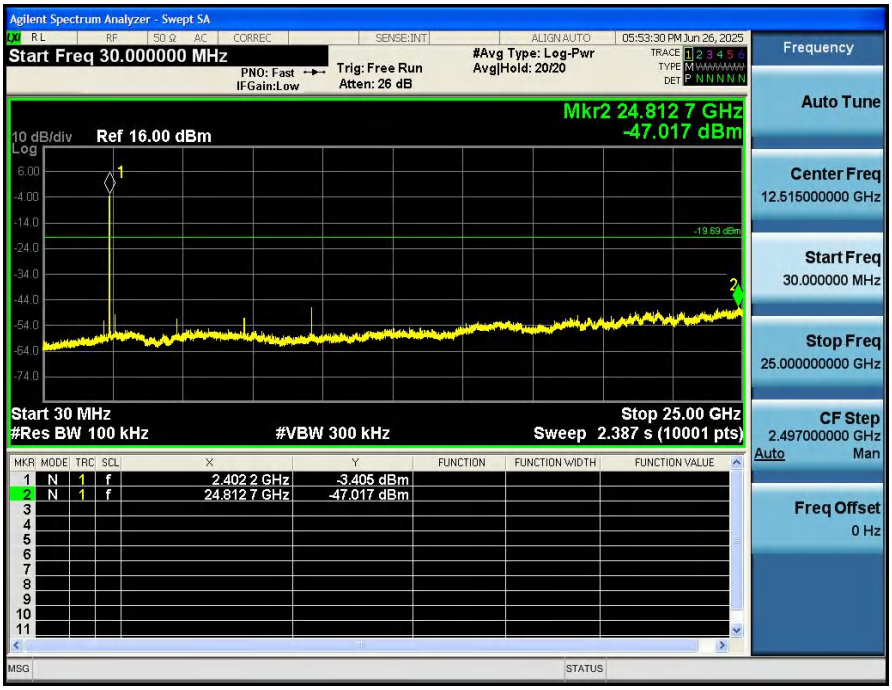
1_Reference_Level_NVNT_ANT1_1-DH5_2480_00

2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480_00



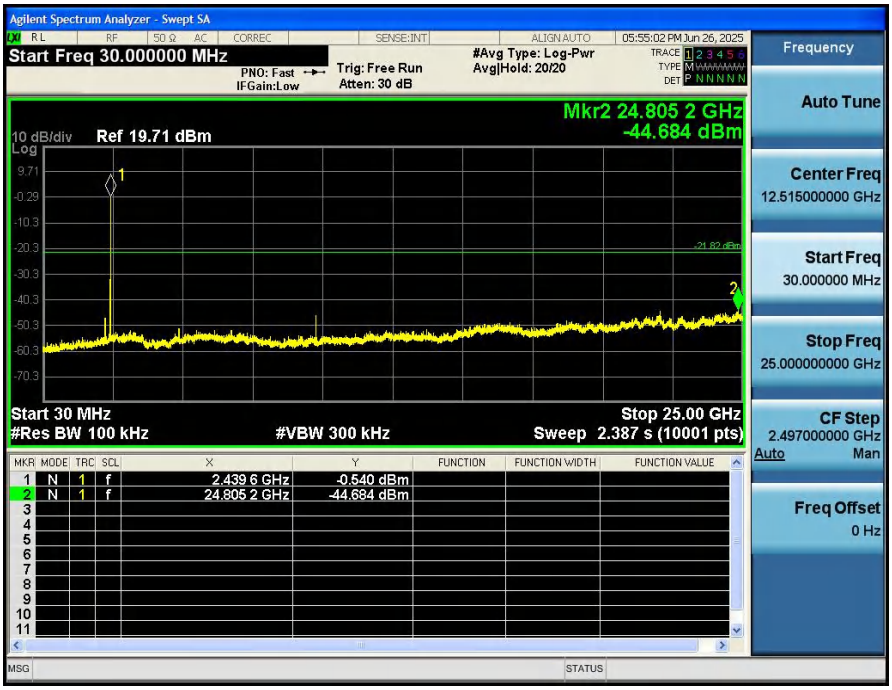
1_Reference_Level_NVNT_ANT1_2-DH5_2402_00

2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402_00



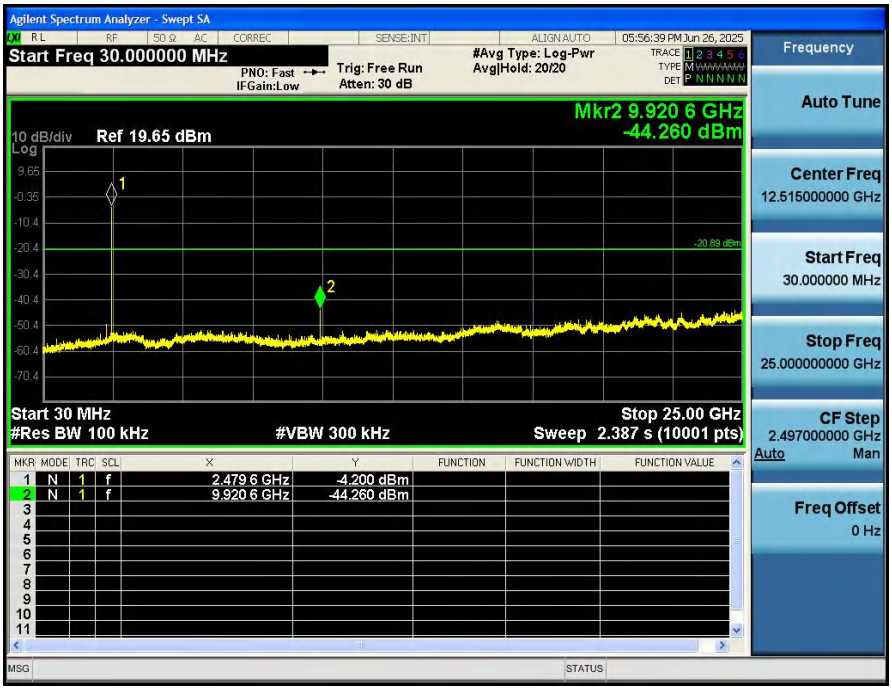
1_Reference_Level_NVNT_ANT1_2-DH5_2441_00

2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441_00



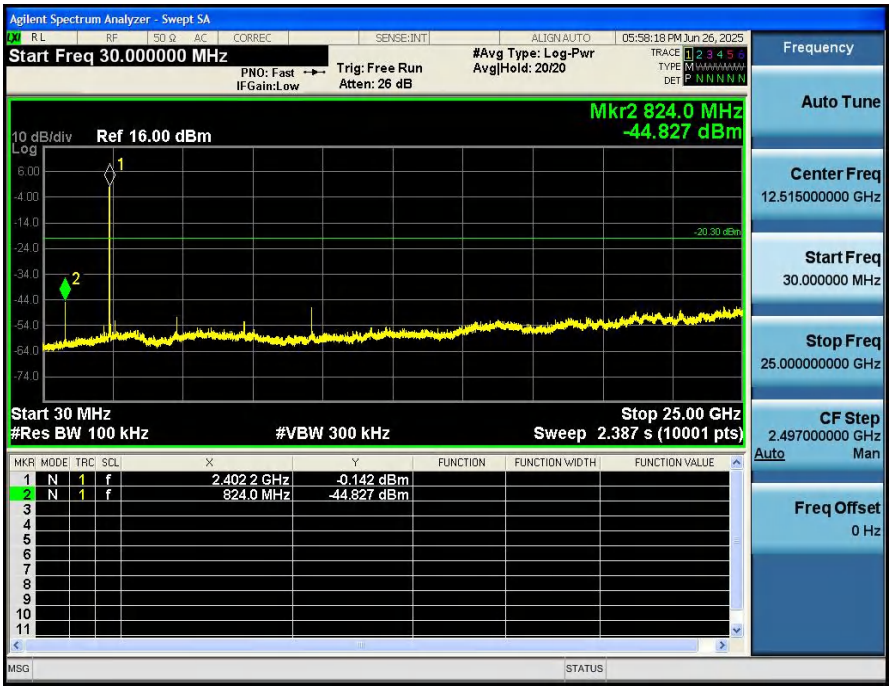
1_Reference_Level_NVNT_ANT1_2-DH5_2480_00

2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480_00



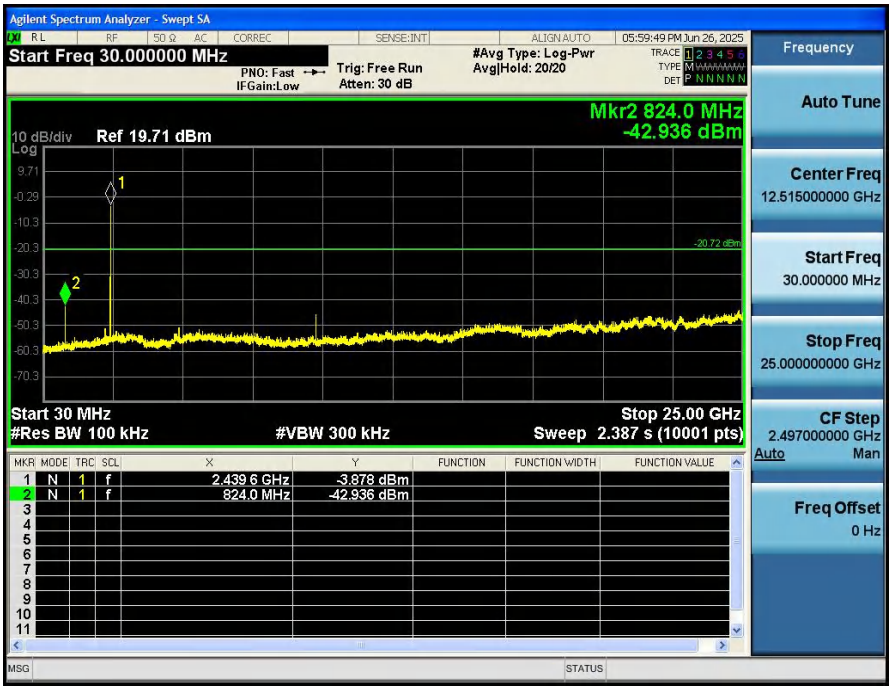
1_Reference_Level_NVNT_ANT1_3-DH5_2402_00

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