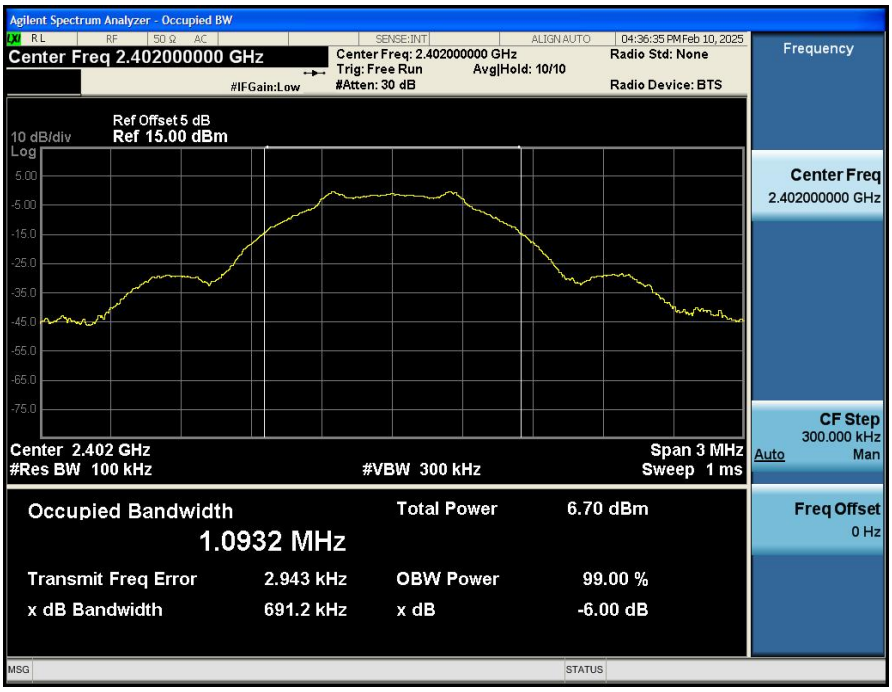
Appendix Test Data

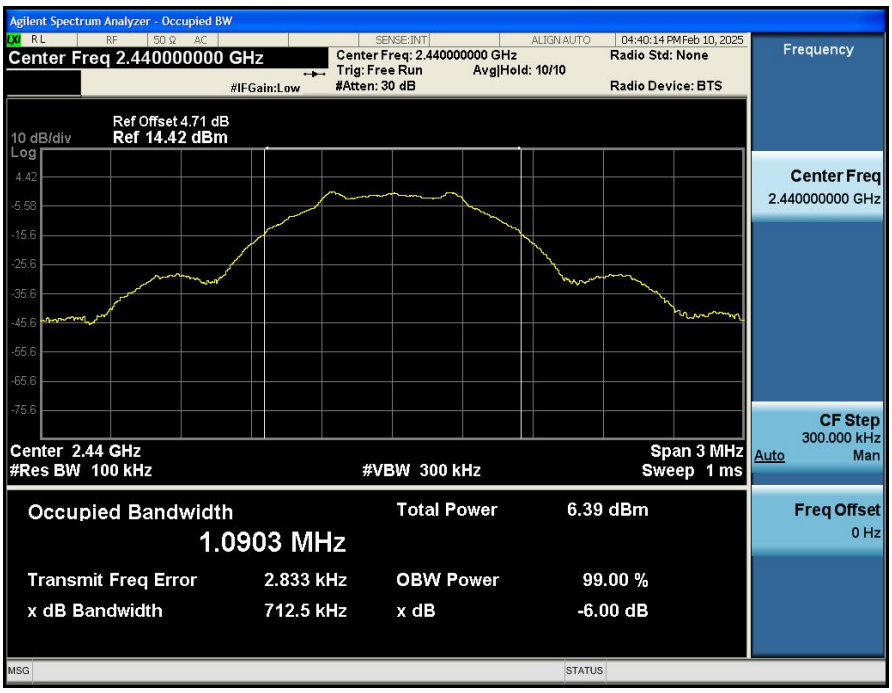
Report No.:	1815C50058112501	Test Sample No.:	1-2-2
Start Test Date:	2025.1.23	Finish Test Date:	2025.2.10
Test Engineer:	Qiangfei Yang	Auditor:	Justin Feng
Temperature:	21.0℃	Relative Humidity:	32%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	691.22	500	Pass
NVNT	ANT1	1Mbps	2440.00	712.47	500	Pass
NVNT	ANT1	1Mbps	2480.00	701.80	500	Pass

-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440


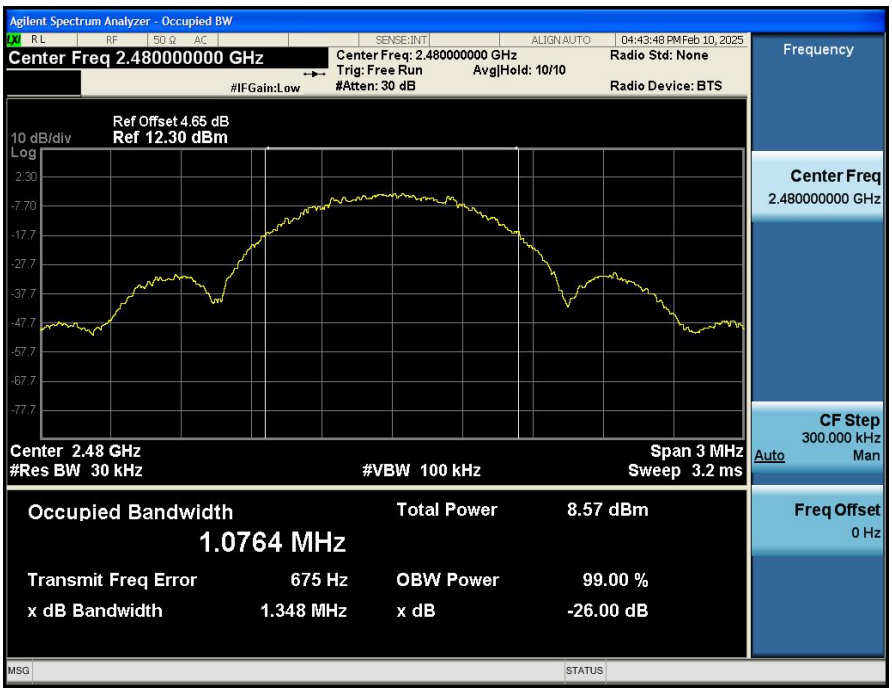
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480


Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.076
NVNT	ANT1	1Mbps	2440.00	1.081
NVNT	ANT1	1Mbps	2480.00	1.076

99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402

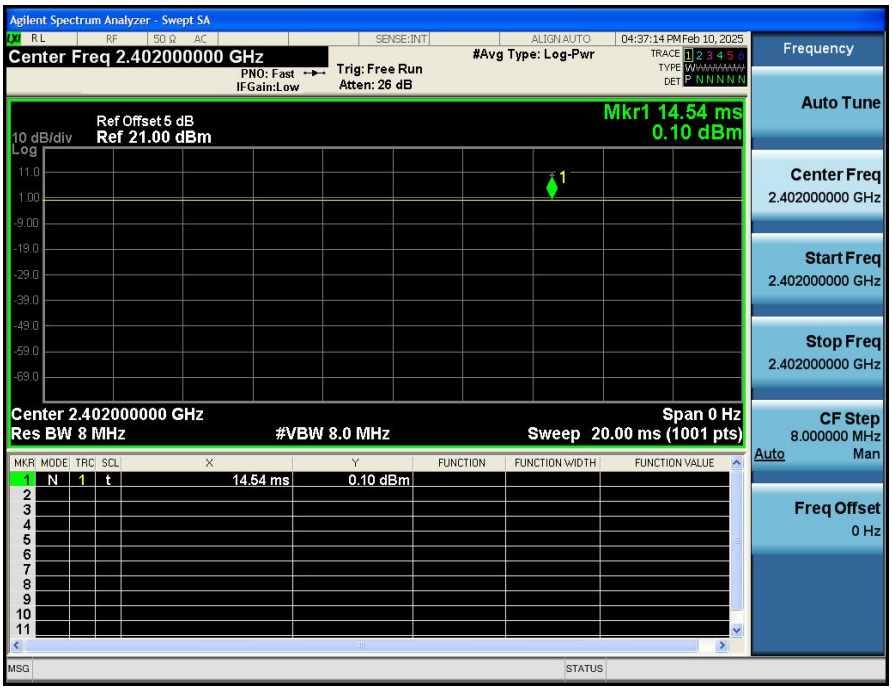
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440

99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480


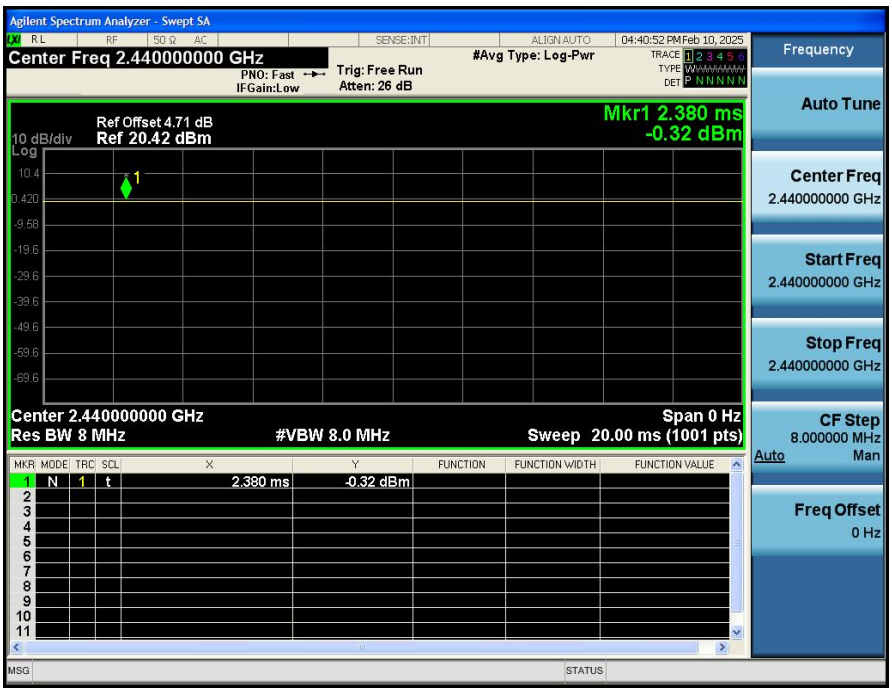
Appendix C: Duty Cycle

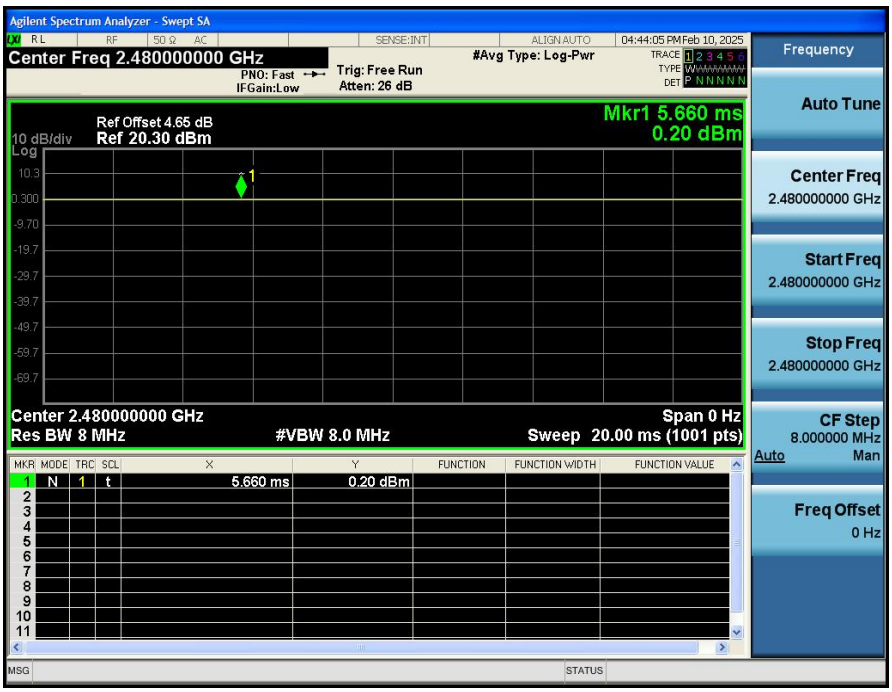
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	100	0.00
NVNT	ANT1	1Mbps	2440.00	100	0.00
NVNT	ANT1	1Mbps	2480.00	100	0.00

Duty_Cycle_NVNT_ANT1_1Mbps_2402



Duty_Cycle_NVNT_ANT1_1Mbps_2440

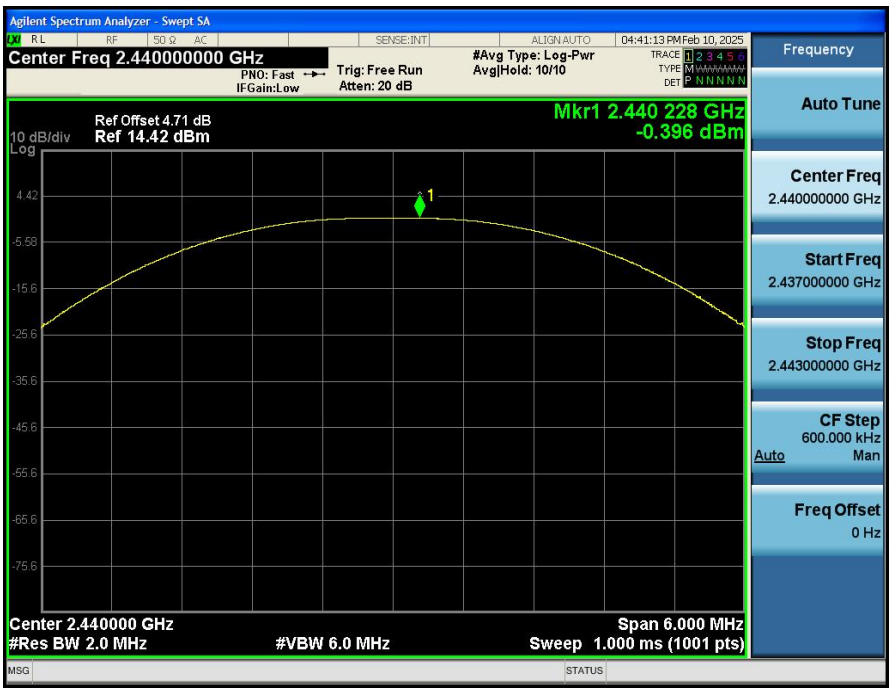


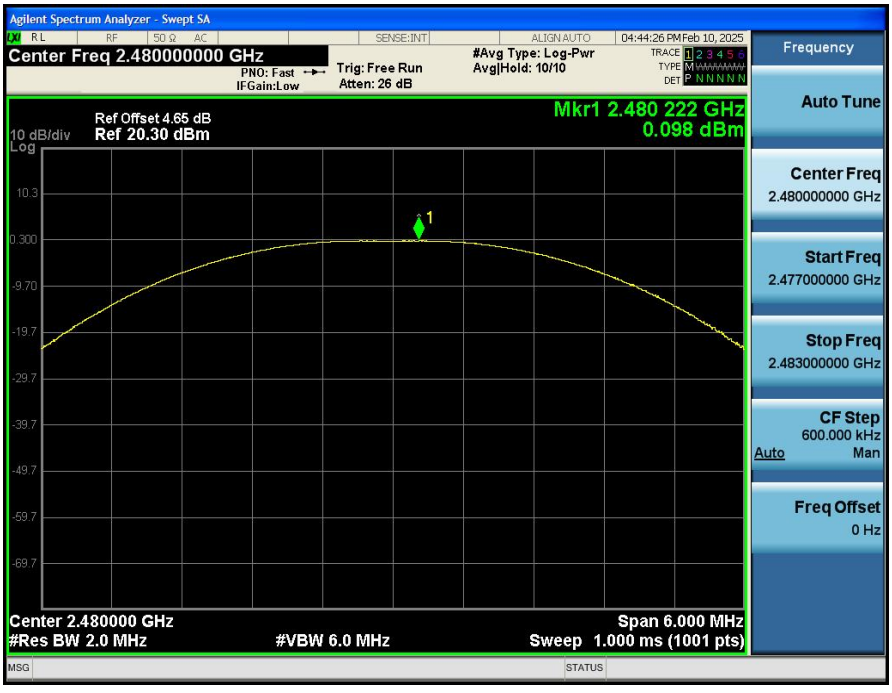
Duty_Cycle_NVNT_ANT1_1Mbps_2480


Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.01	1.00	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.40	0.91	1000	Pass
NVNT	ANT1	1Mbps	2480.00	**0.10**	1.02	1000	Pass

Peak_Output_Power_NVNT_ANT1_1Mbps_2402

Peak_Output_Power_NVNT_ANT1_1Mbps_2440


Peak_Output_Power_NVNT_ANT1_1Mbps_2480


Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-12.47	8	Pass
NVNT	ANT1	1Mbps	2440.00	-12.88	8	Pass
NVNT	ANT1	1Mbps	2480.00	-11.87	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402

Power_Spectral_Density_NVNT_ANT1_1Mbps_2440

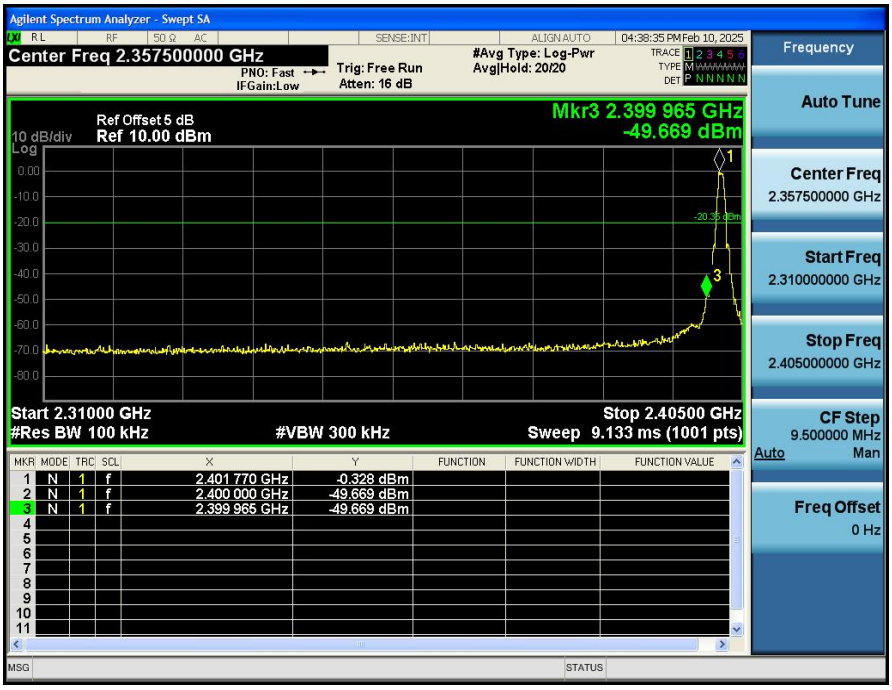

Power_Spectral_Density_NVNT_ANT1_1Mbps_2480


Appendix F: Bandedge

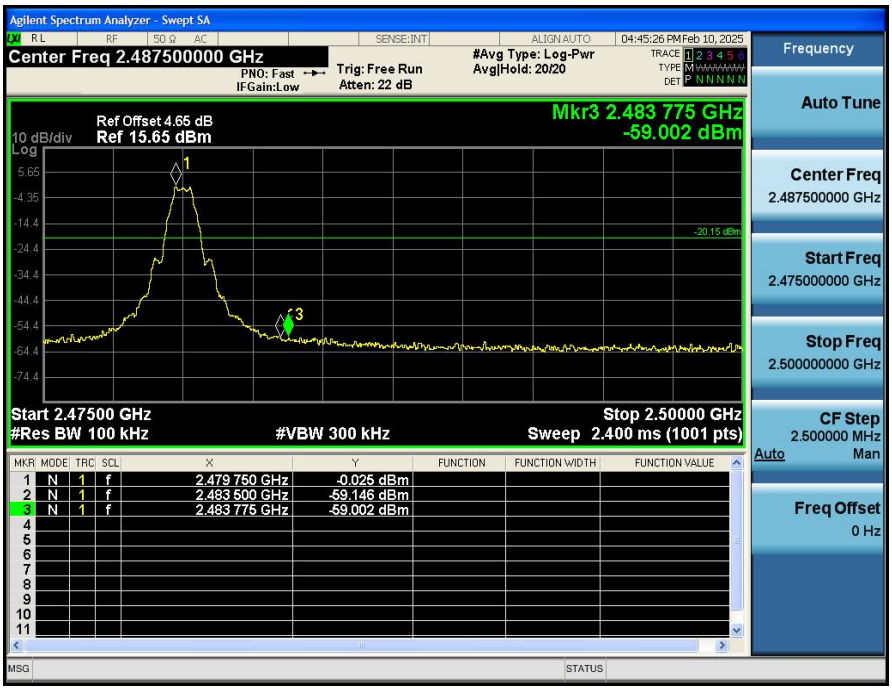
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-0.349	-49.669	-20.349	Pass
NVNT	ANT1	1Mbps	2480.00	2483.775	-0.148	-59.002	-20.148	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402

2_Bandedge_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480

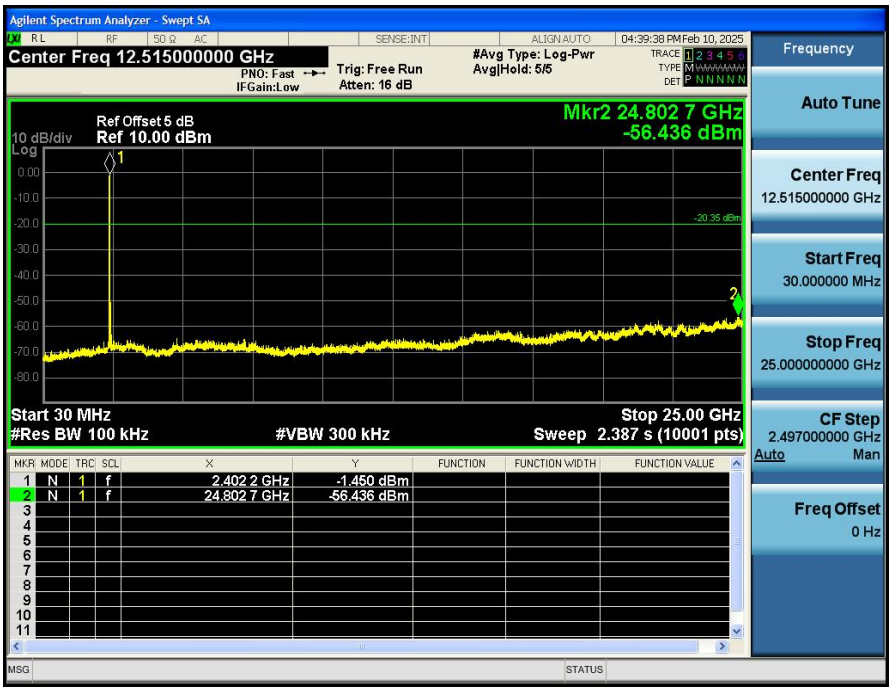

2_Bandedge_NVNT_ANT1_1Mbps_2480


Appendix H: Spurious Emission

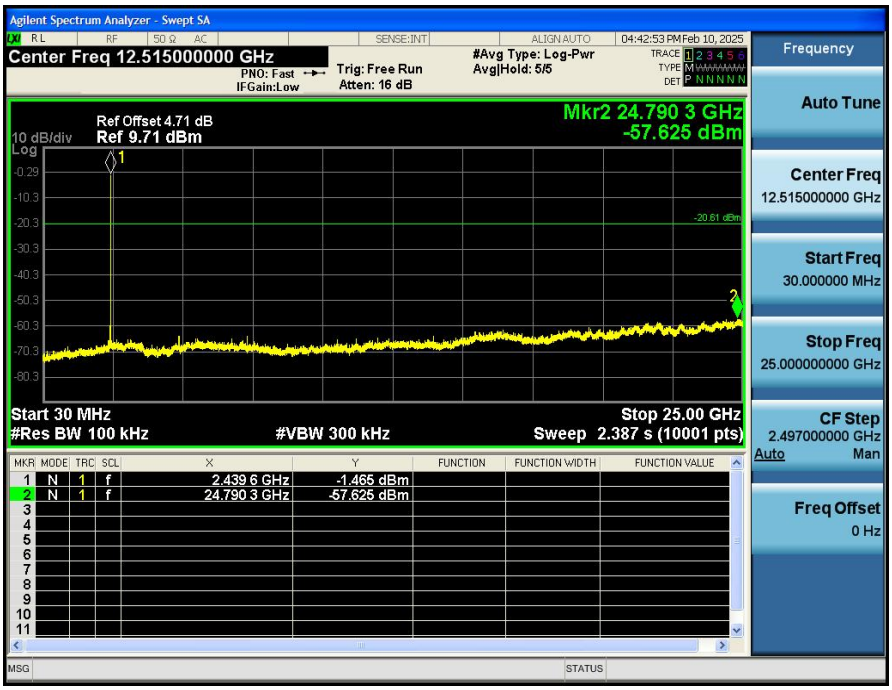
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.349	-56.436	-20.349	Pass
NVNT	ANT1	1Mbps	2440.00	-0.614	-57.625	-20.614	Pass
NVNT	ANT1	1Mbps	2480.00	-0.148	-50.736	-20.148	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402

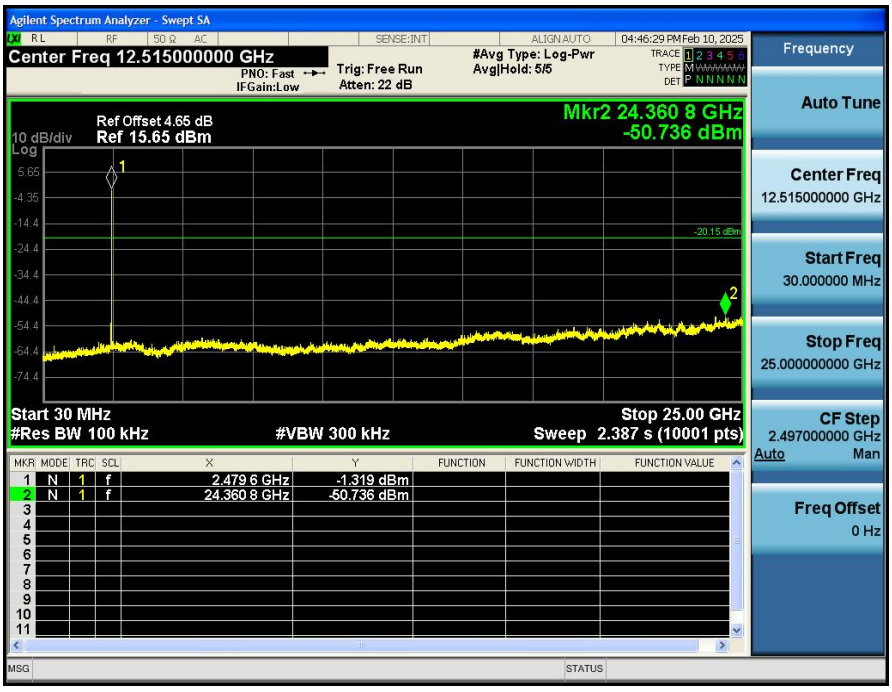
2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2440


2_Spurious_Emission_NVNT_ANT1_1Mbps_2440


1_Reference_Level_NVNT_ANT1_1Mbps_2480


2_Spurious_Emission_NVNT_ANT1_1Mbps_2480


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