

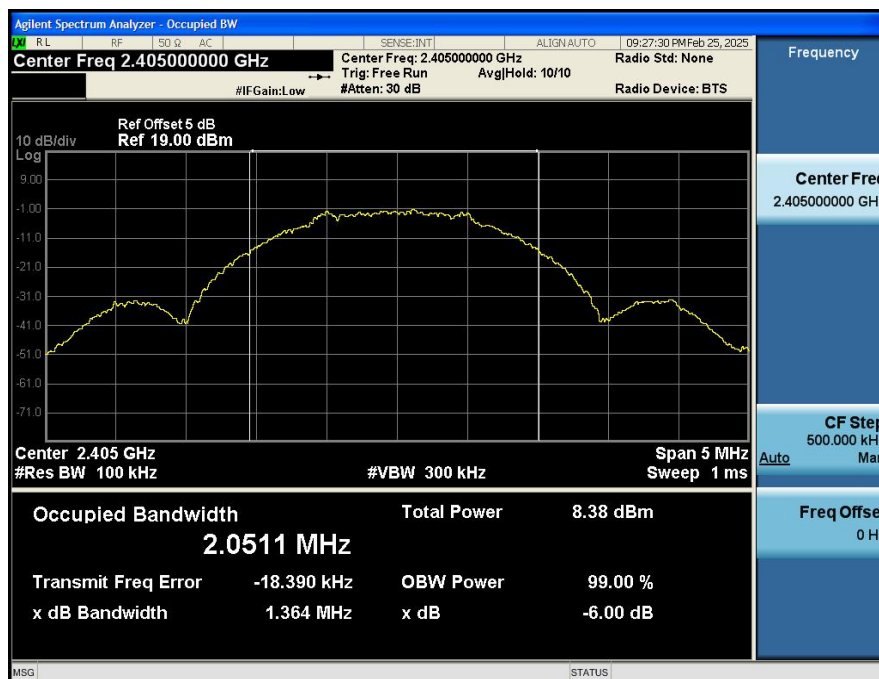
Appendix Test Data

Report No.:	1812C50045912501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.14	Finish Test Date:	2025.2.25
Test Engineer:	<i>Liangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	20.2°C	Relative Humidity:	46.8%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2.4G	2405.00	1363.72	500	Pass
NVNT	ANT1	2.4G	2430.00	1339.12	500	Pass
NVNT	ANT1	2.4G	2460.00	1405.60	500	Pass

-6dB_Bandwidth_NVNT_ANT1_2Mbps_2405



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2430



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2460



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Appendix B: 99% Occupied Bandwidth

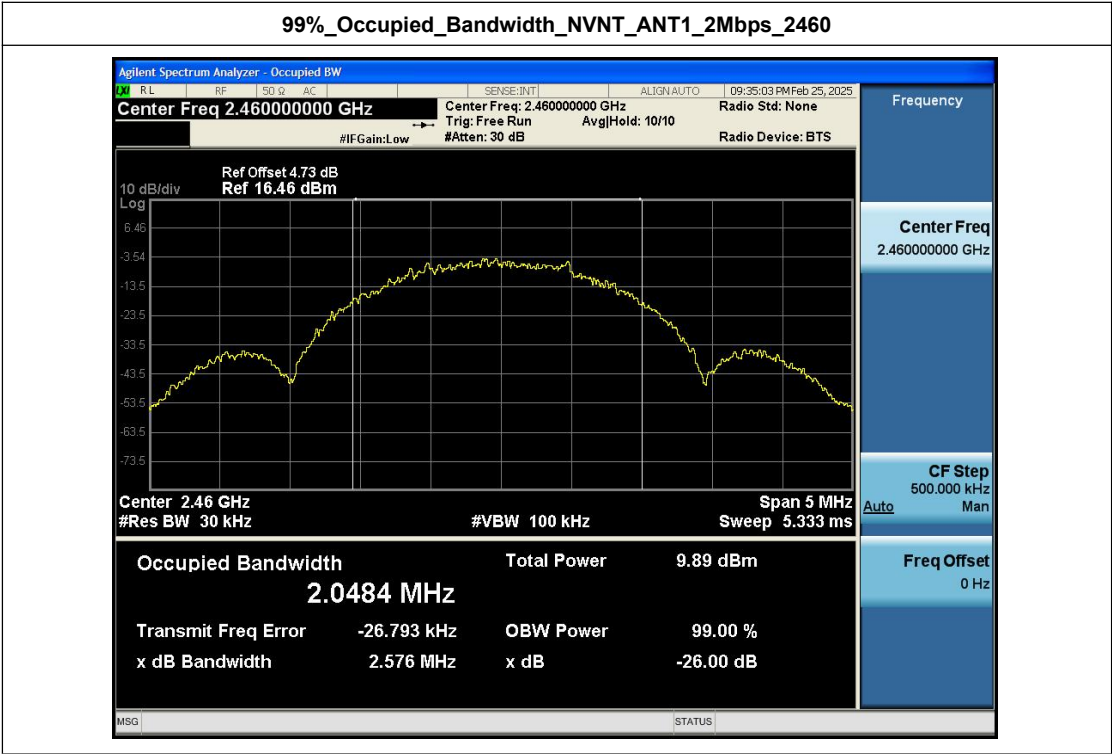
Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2405.00	2.055
NVNT	ANT1	2.4G	2430.00	2.023
NVNT	ANT1	2.4G	2460.00	2.048

99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2405



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2430





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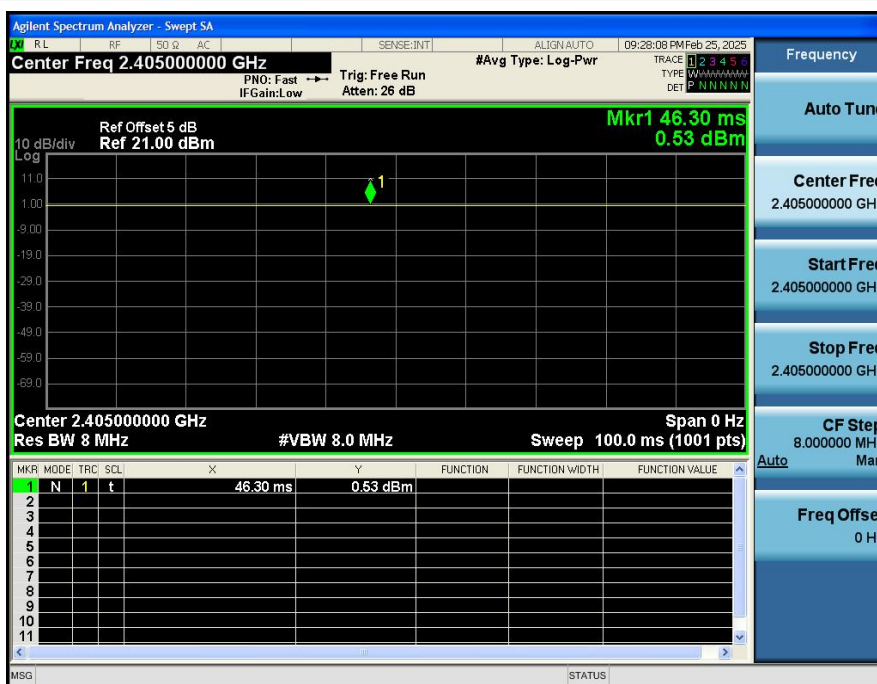
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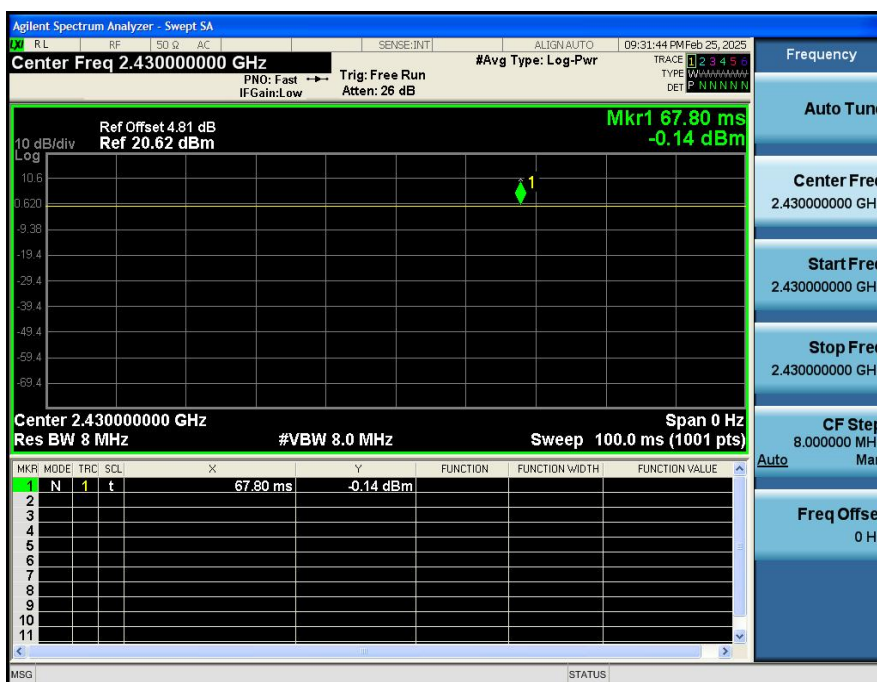
Appendix C: Duty Cycle

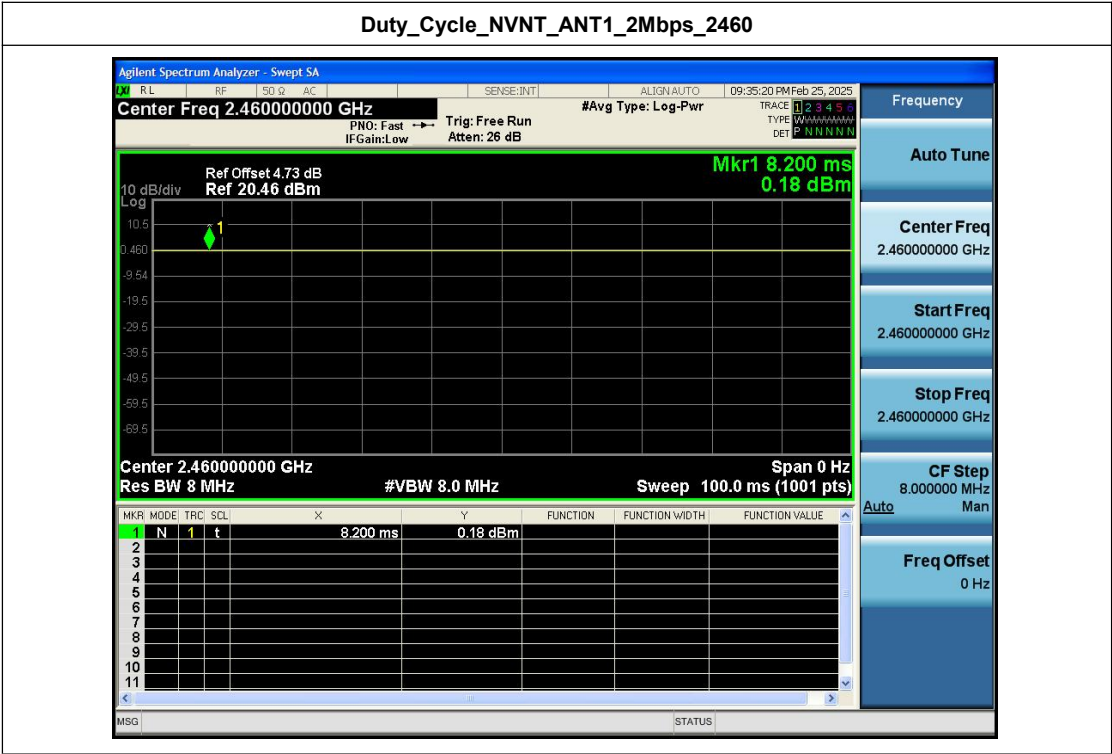
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2.4G	2405.00	100	0.00
NVNT	ANT1	2.4G	2430.00	100	0.00
NVNT	ANT1	2.4G	2460.00	100	0.00

Duty_Cycle_NVNT_ANT1_2Mbps_2405



Duty_Cycle_NVNT_ANT1_2Mbps_2430





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Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2.4G	2405.00	0.42	1.10	1000	Pass
NVNT	ANT1	2.4G	2430.00	-0.25	0.94	1000	Pass
NVNT	ANT1	2.4G	2460.00	0.07	1.02	1000	Pass

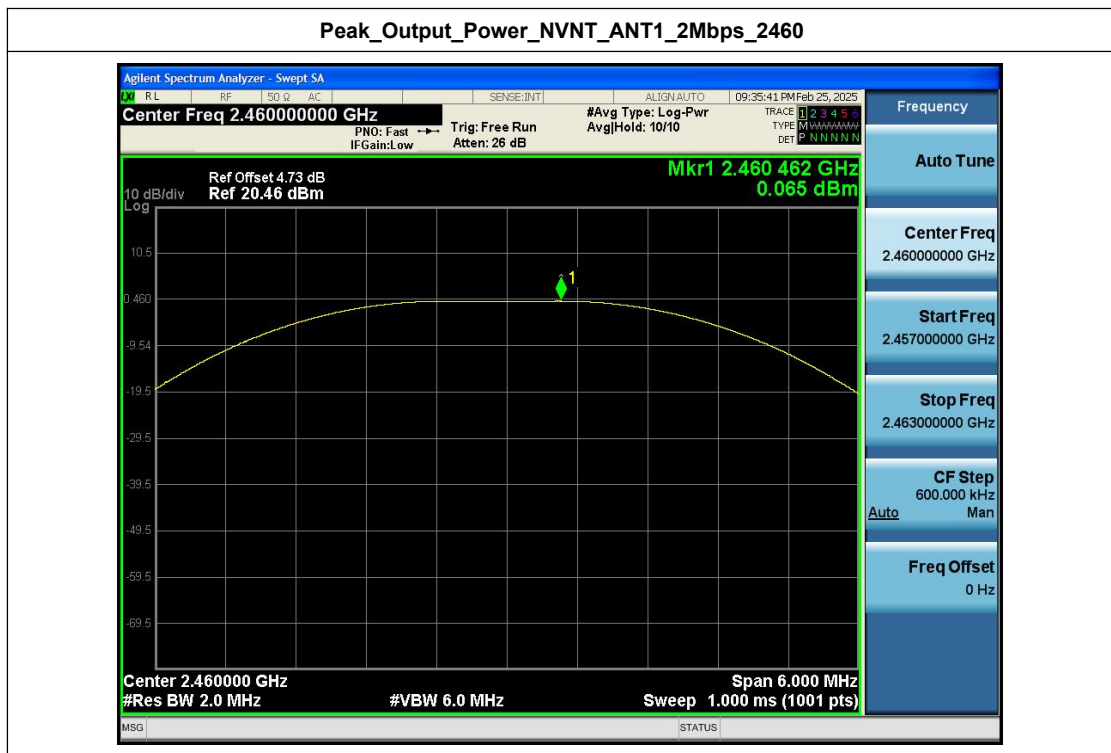
Peak_Output_Power_NVNT_ANT1_2Mbps_2405



Peak_Output_Power_NVNT_ANT1_2Mbps_2430



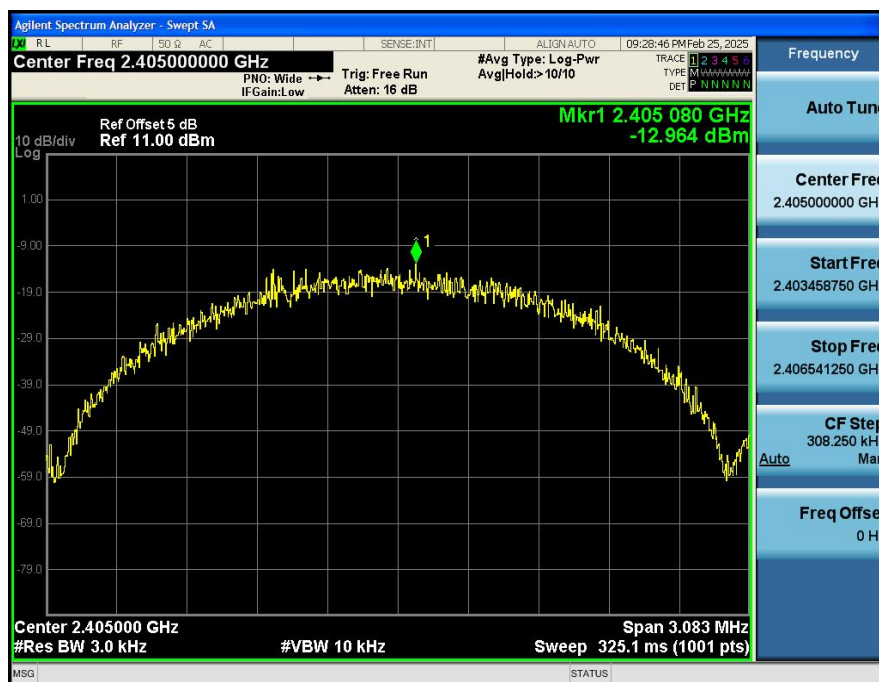
Peak_Output_Power_NVNT_ANT1_2Mbps_2460



Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2.4G	2405.00	-12.96	8	Pass
NVNT	ANT1	2.4G	2430.00	-14.17	8	Pass
NVNT	ANT1	2.4G	2460.00	-13.28	8	Pass

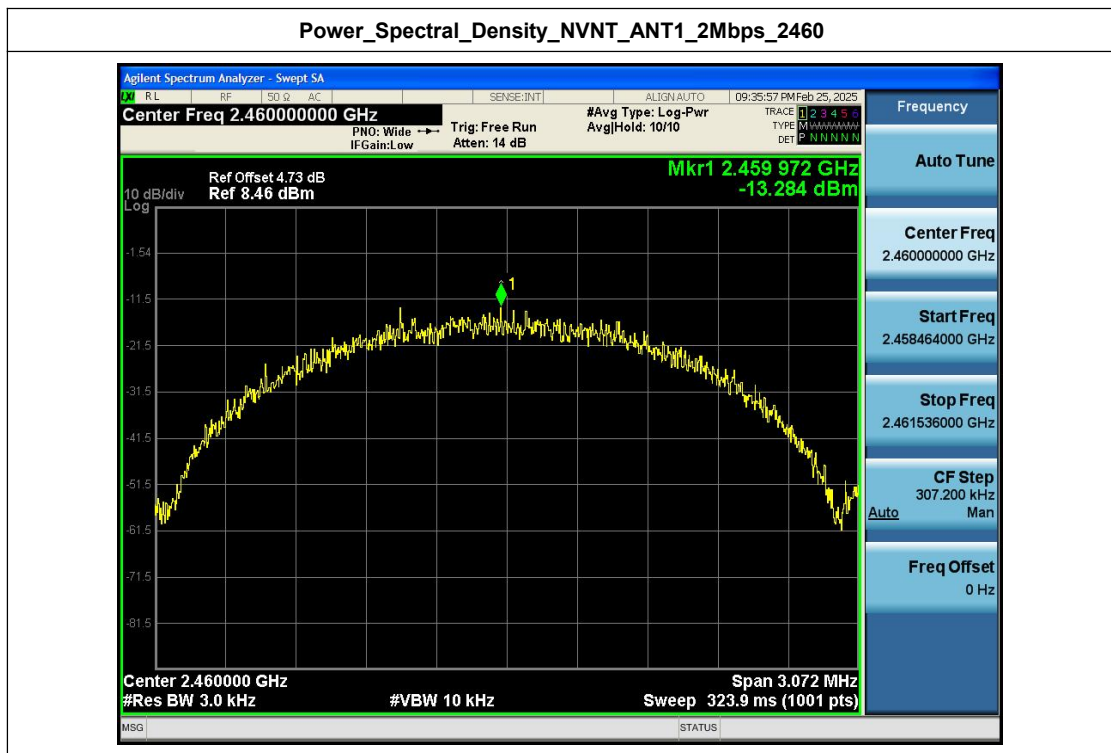
Power_Spectral_Density_NVNT_ANT1_2Mbps_2405



Power_Spectral_Density_NVNT_ANT1_2Mbps_2430



Power_Spectral_Density_NVNT_ANT1_2Mbps_2460



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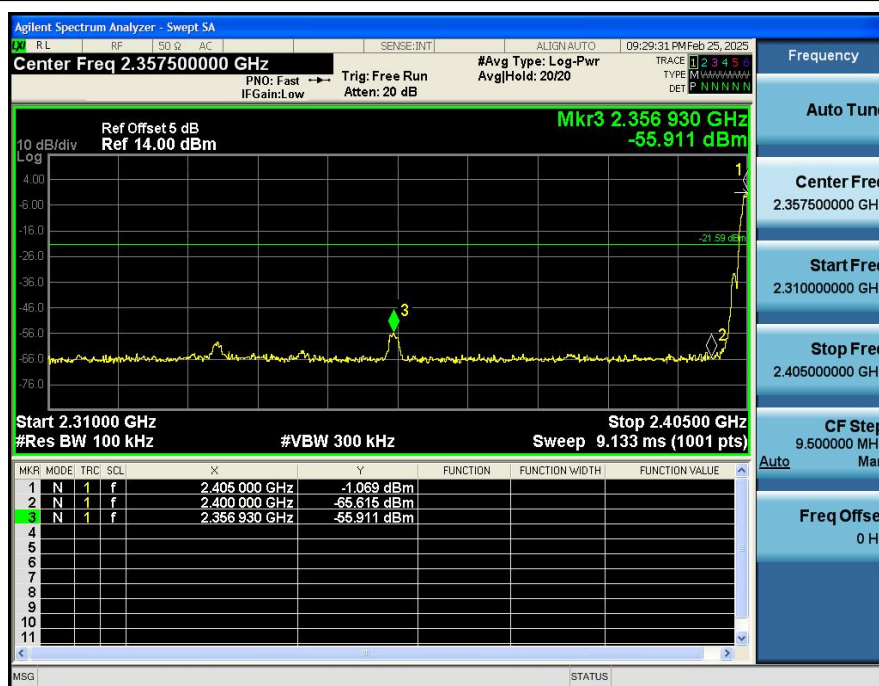
Appendix F: Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2.4G	2405.00	2356.930	-1.590	-55.911	-21.590	Pass
NVNT	ANT1	2.4G	2460.00	2483.845	-1.292	-62.782	-21.292	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



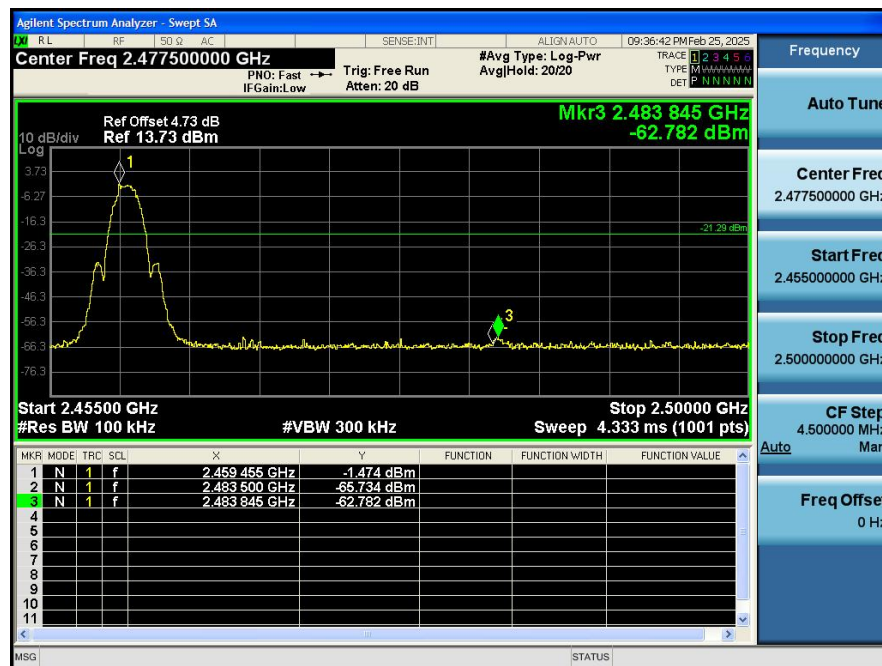
2_Bandedge_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2460



2_Bandedge_NVNT_ANT1_2Mbps_2460



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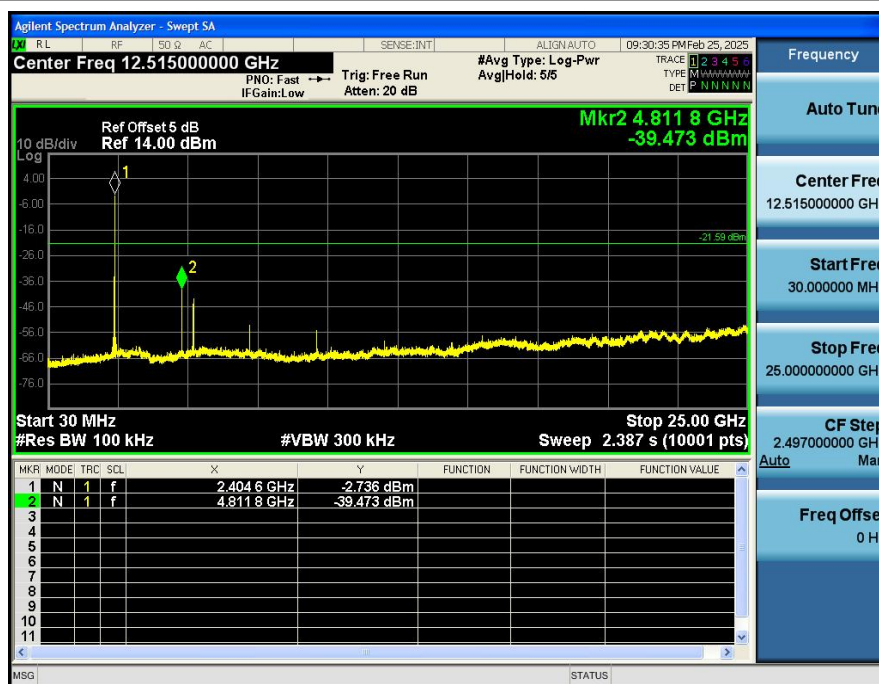
Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2.4G	2405.00	-1.590	-39.473	-21.590	Pass
NVNT	ANT1	2.4G	2430.00	-1.811	-39.175	-21.811	Pass
NVNT	ANT1	2.4G	2460.00	-1.292	-41.252	-21.292	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



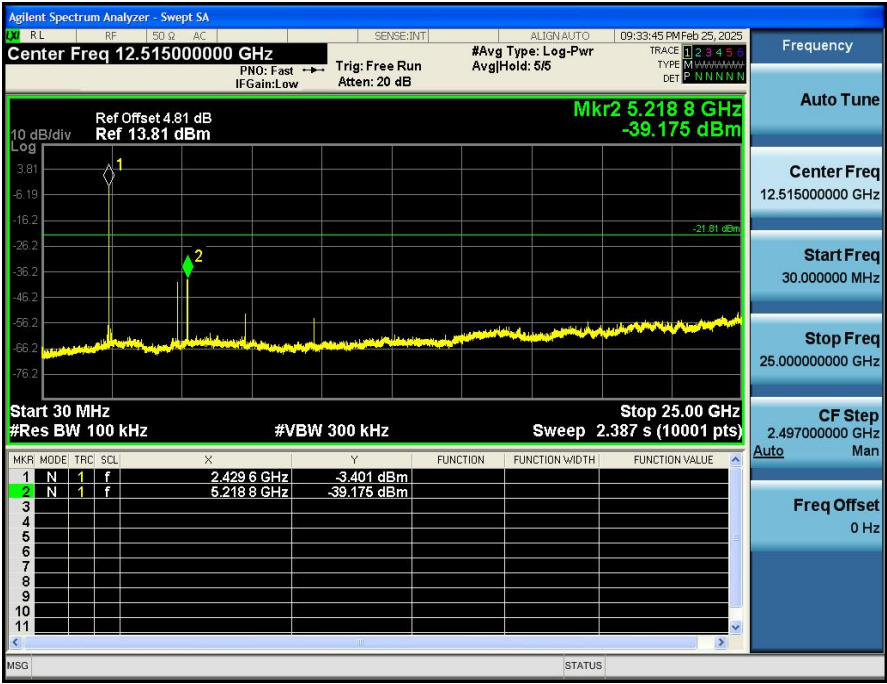
2_Spurious_Emission_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2430



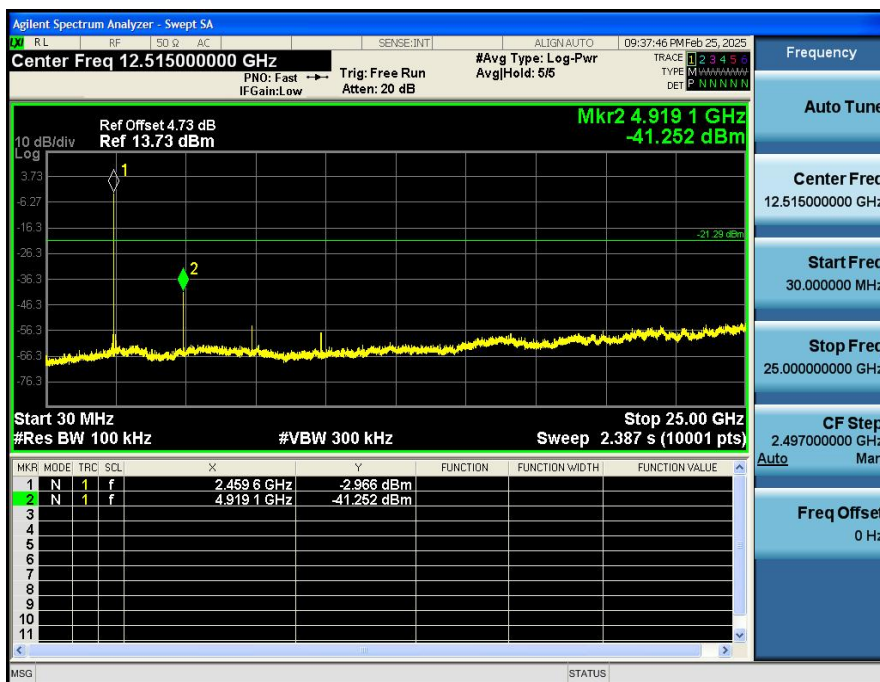
2_Spurious_Emission_NVNT_ANT1_2Mbps_2430



1_Reference_Level_NVNT_ANT1_2Mbps_2460



2_Spurious_Emission_NVNT_ANT1_2Mbps_2460



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