

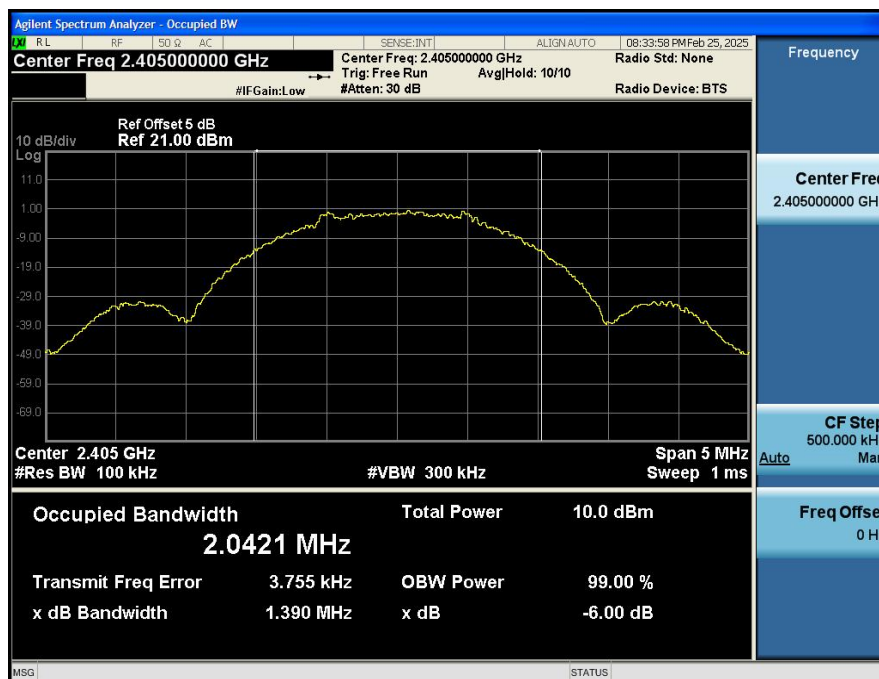
Appendix Test Data

Report No.:	1812C50045712501	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		

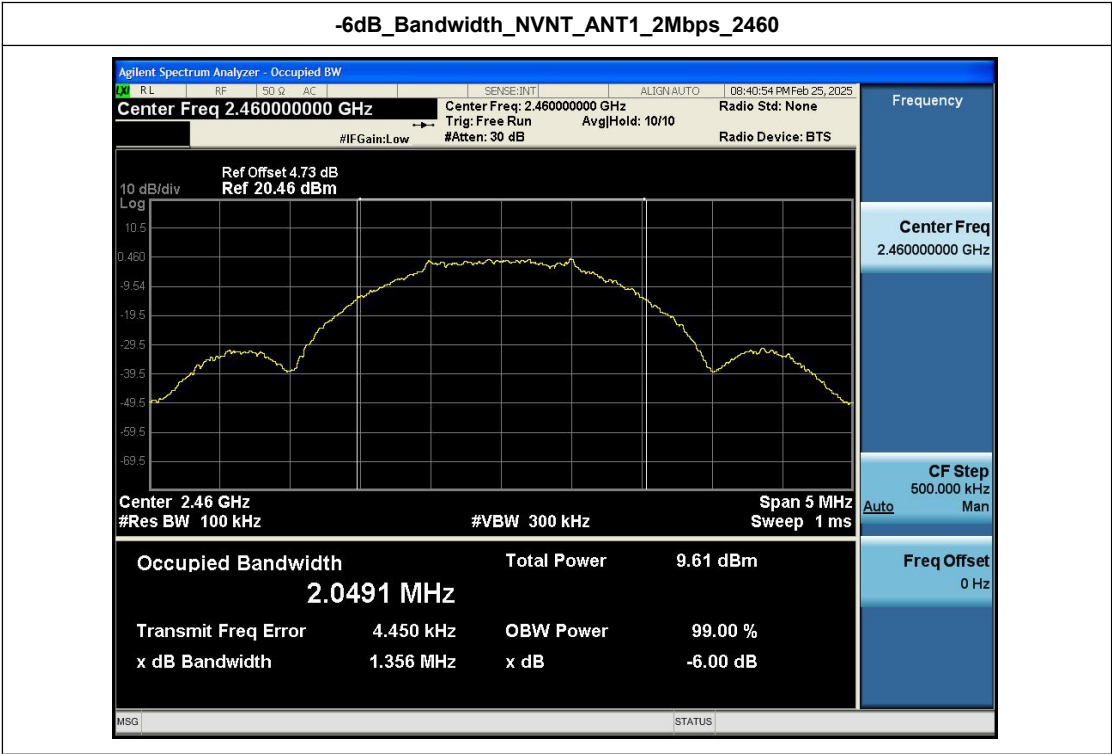
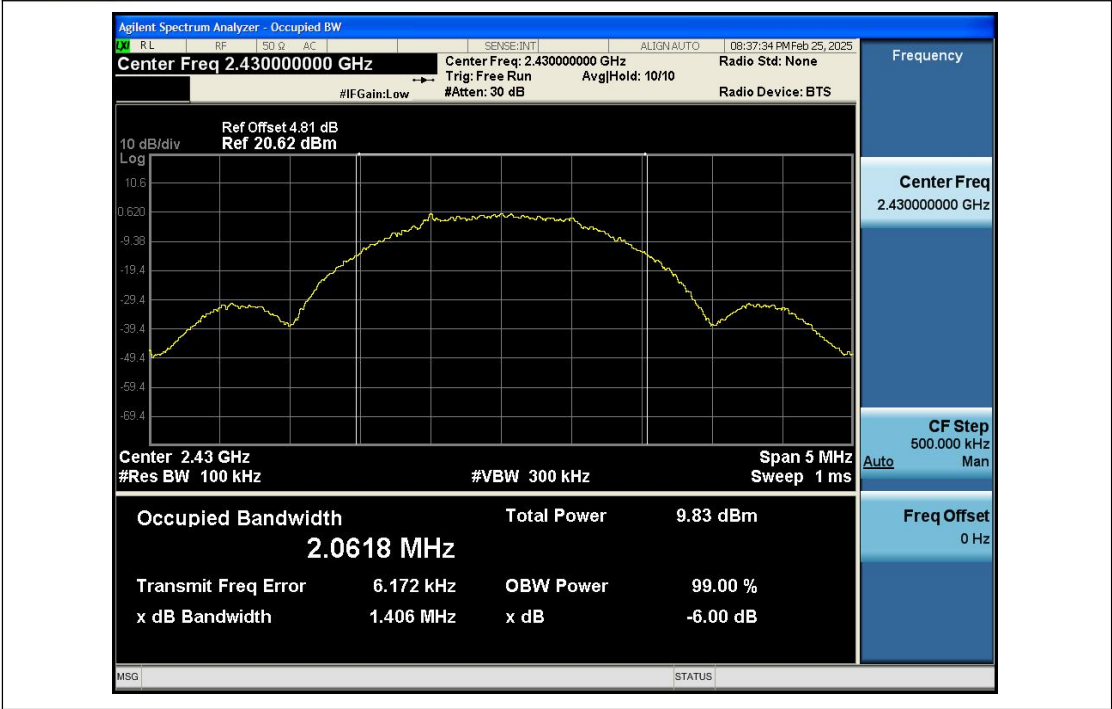
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2.4G	2405.00	1389.64	500	Pass
NVNT	ANT1	2.4G	2430.00	1405.58	500	Pass
NVNT	ANT1	2.4G	2460.00	1355.98	500	Pass

-6dB_Bandwidth_NVNT_ANT1_2Mbps_2405



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2430



Appendix B: 99% Occupied Bandwidth

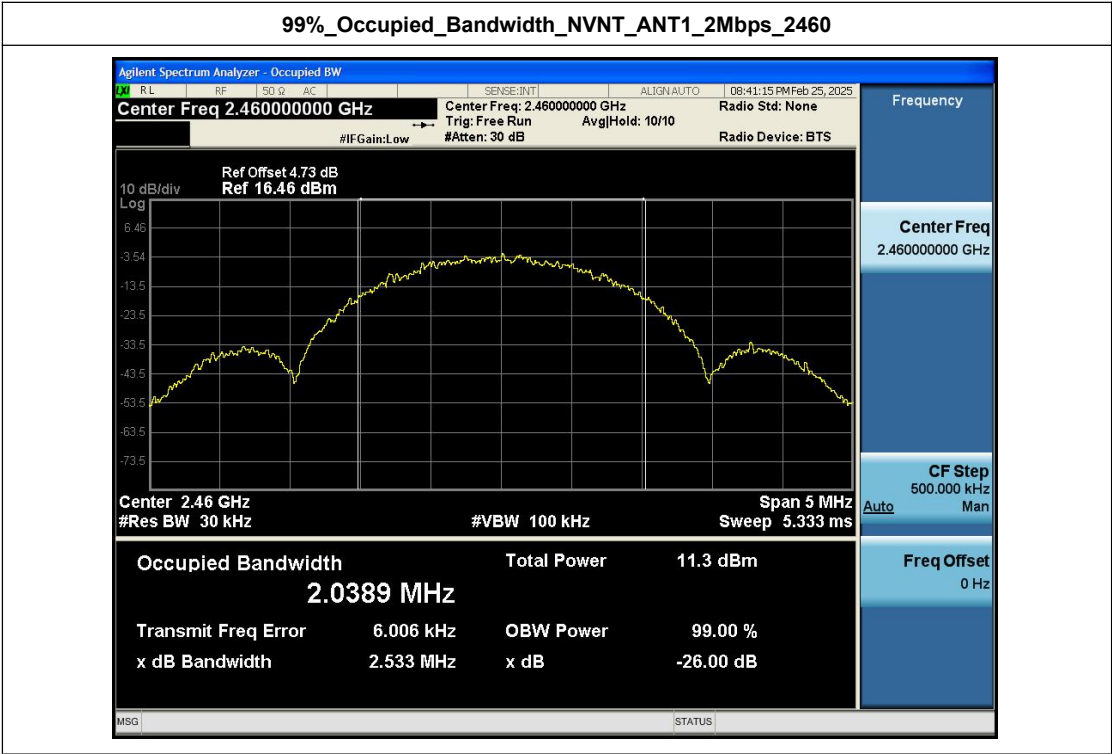
Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2405.00	2.061
NVNT	ANT1	2.4G	2430.00	2.054
NVNT	ANT1	2.4G	2460.00	2.039

99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2405



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2430





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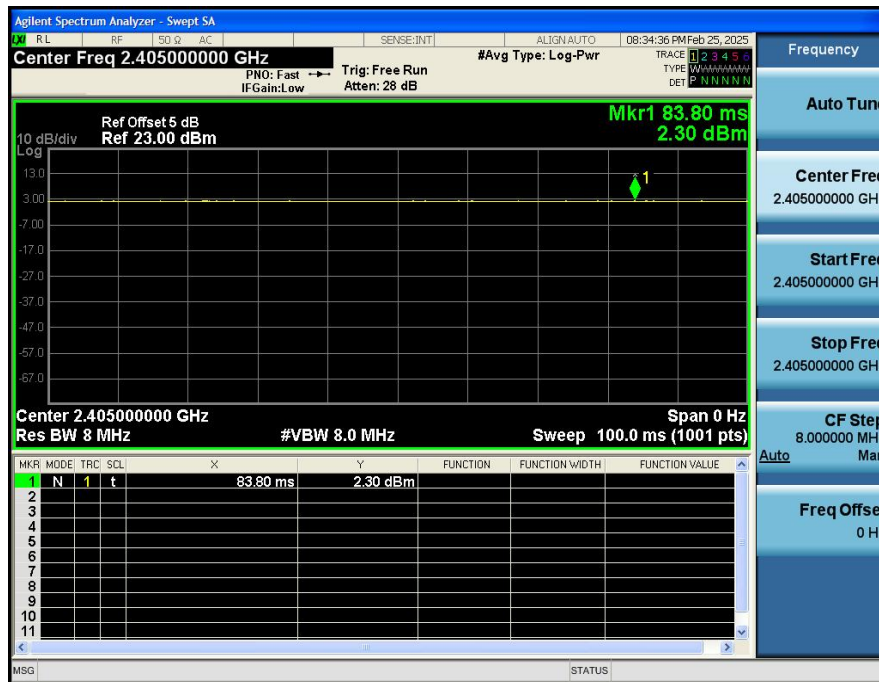
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com

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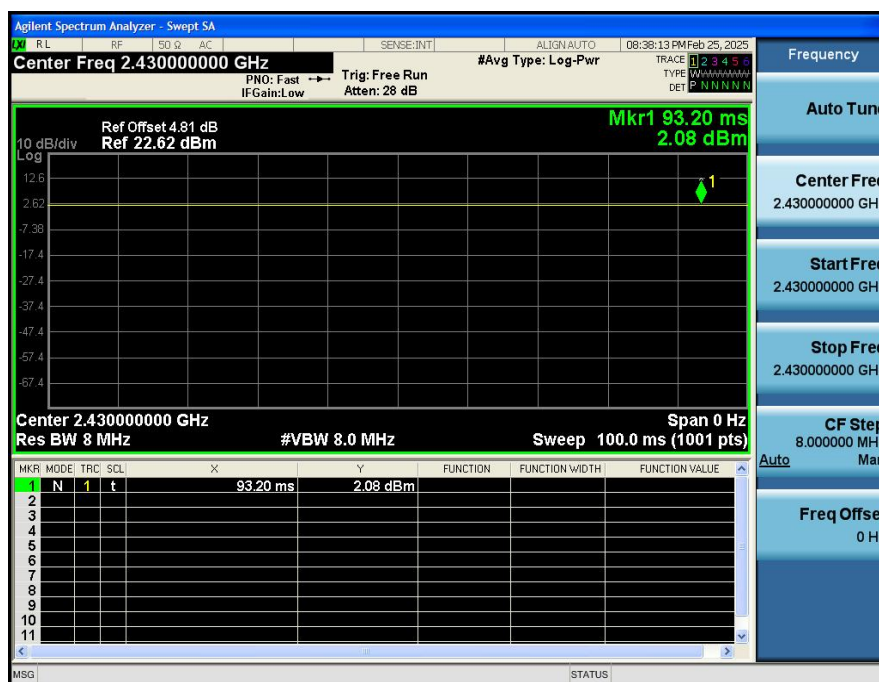
Appendix C: Duty Cycle

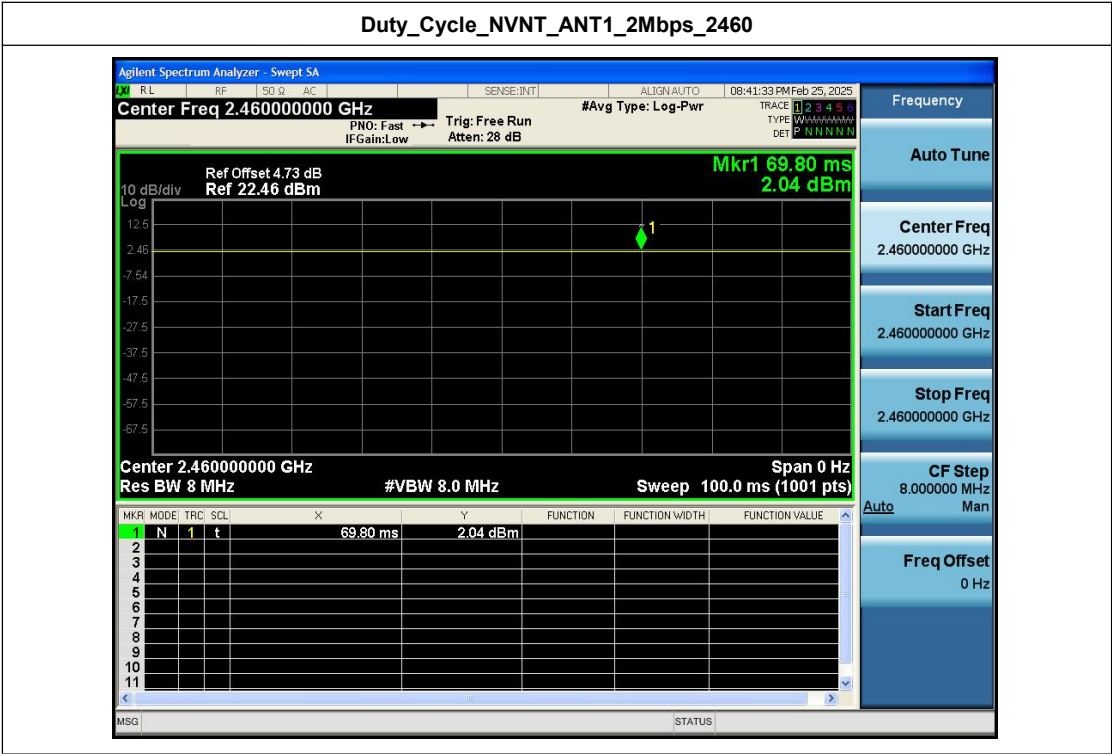
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2.4G	2405.00	100	0.00
NVNT	ANT1	2.4G	2430.00	100	0.00
NVNT	ANT1	2.4G	2460.00	100	0.00

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	2.19	1.66	1000	Pass
NVNT	ANT1	2.4G	2430.00	1.96	1.57	1000	Pass
NVNT	ANT1	2.4G	2460.00	1.97	1.57	1000	Pass

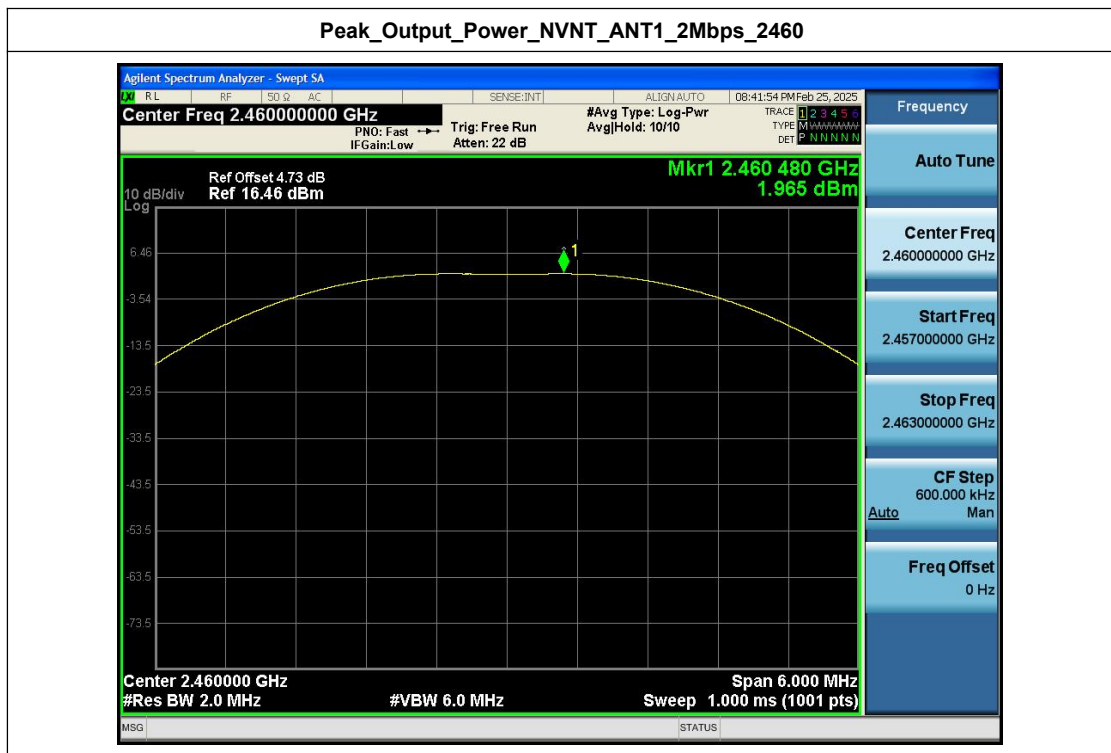
Peak_Output_Power_NVNT_ANT1_2Mbps_2405



Peak_Output_Power_NVNT_ANT1_2Mbps_2430



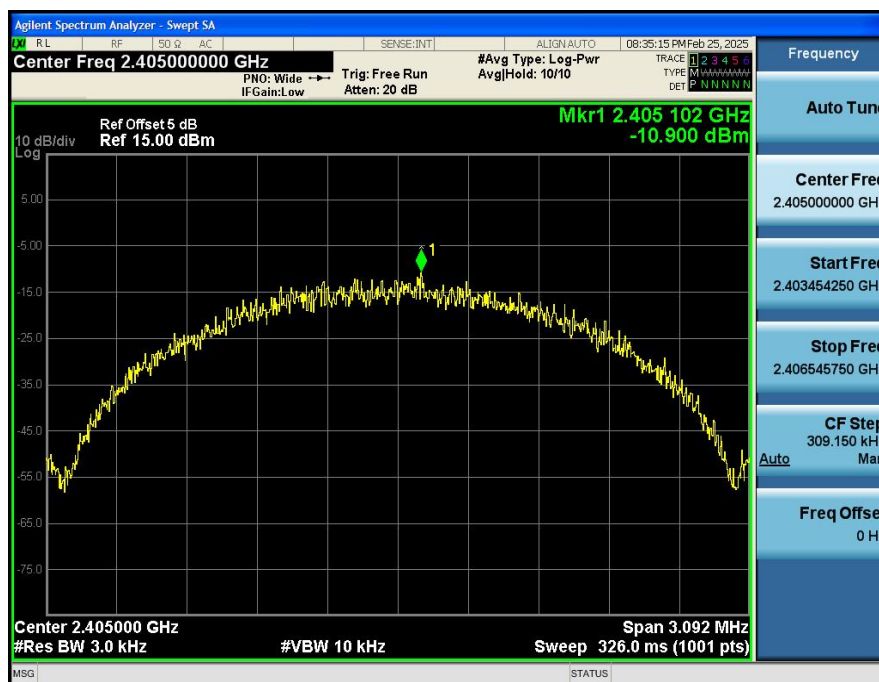
Peak_Output_Power_NVNT_ANT1_2Mbps_2460



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	-10.90	8	Pass
NVNT	ANT1	2.4G	2430.00	-10.32	8	Pass
NVNT	ANT1	2.4G	2460.00	-11.40	8	Pass

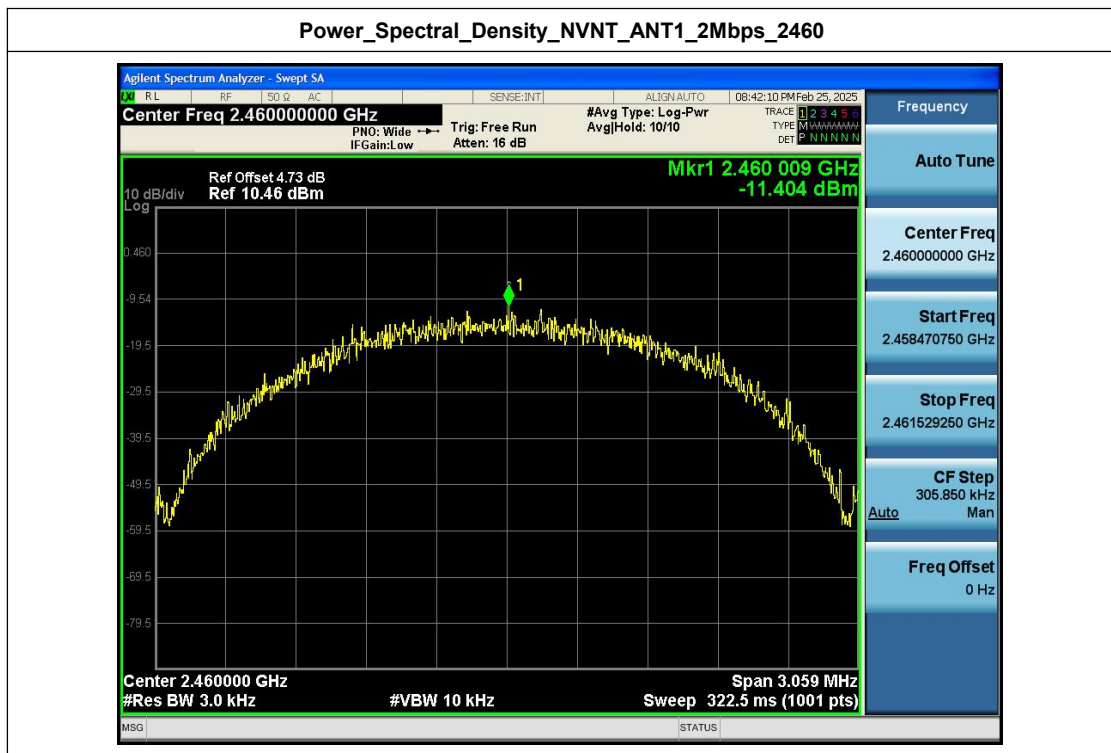
Power_Spectral_Density_NVNT_ANT1_2Mbps_2405



Power_Spectral_Density_NVNT_ANT1_2Mbps_2430



Power_Spectral_Density_NVNT_ANT1_2Mbps_2460



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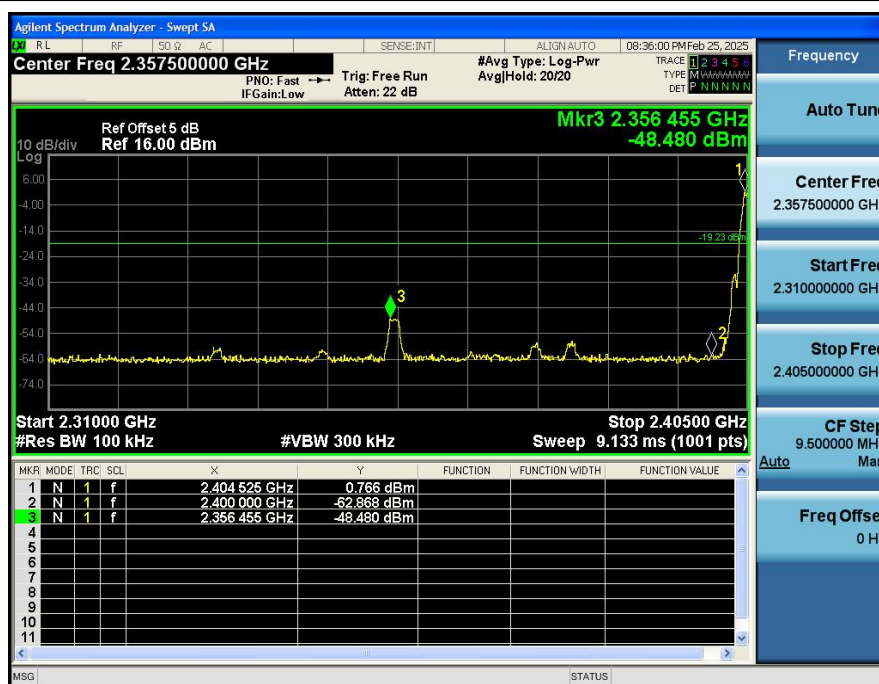
Appendix F: Bandedge

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	2356.455	0.774	-48.480	-19.226	Pass
NVNT	ANT1	2.4G	2460.00	2489.020	1.489	-57.867	-18.511	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



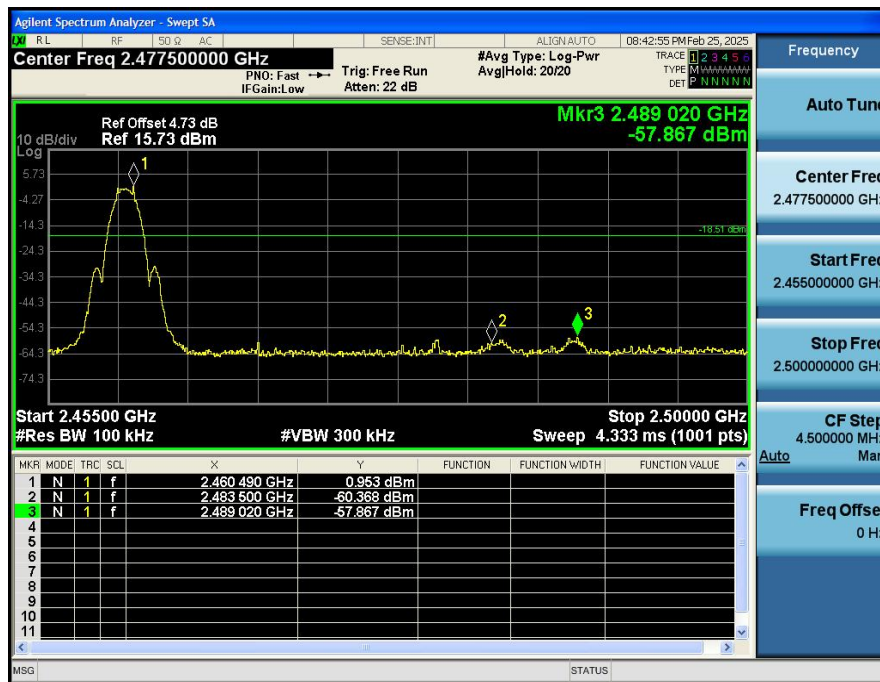
2_Bandedge_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2460



2_Bandedge_NVNT_ANT1_2Mbps_2460



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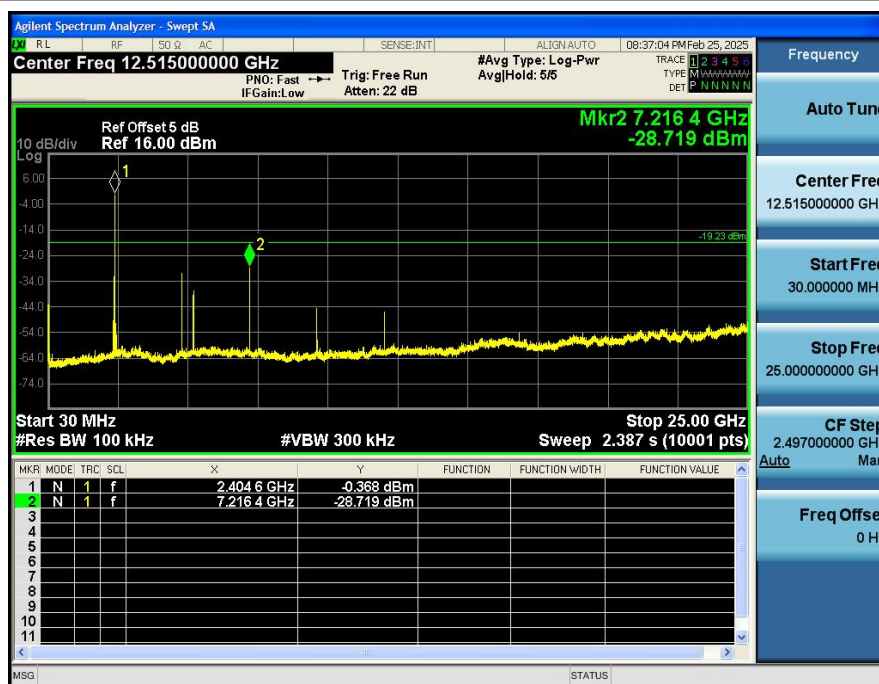
Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2.4G	2405.00	0.774	-28.719	-19.226	Pass
NVNT	ANT1	2.4G	2430.00	0.271	-30.984	-19.729	Pass
NVNT	ANT1	2.4G	2460.00	1.489	-32.714	-18.511	Pass

1_Reference_Level_NVNT_ANT1_2Mbps_2405



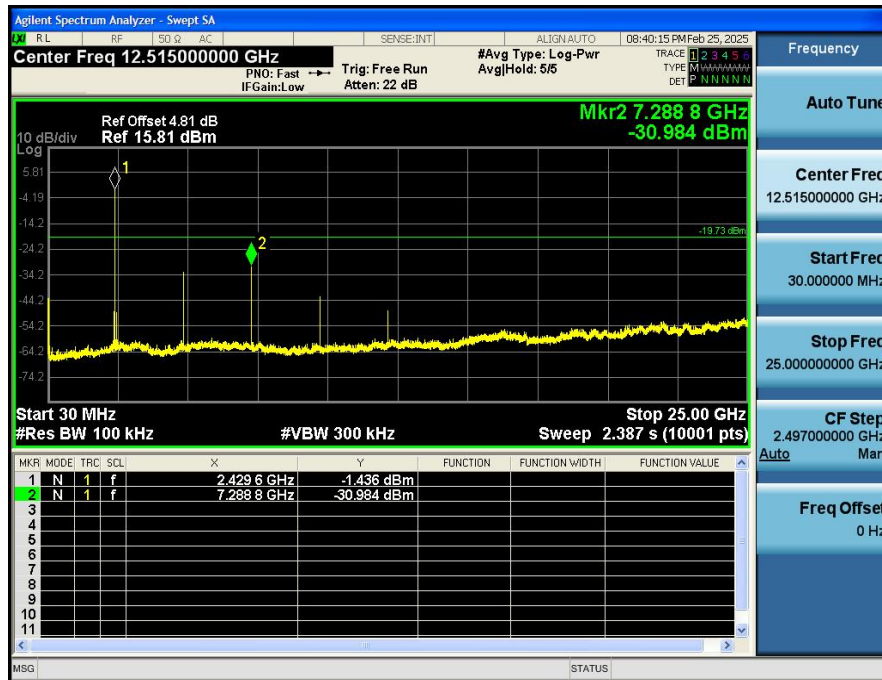
2_Spurious_Emission_NVNT_ANT1_2Mbps_2405



1_Reference_Level_NVNT_ANT1_2Mbps_2430



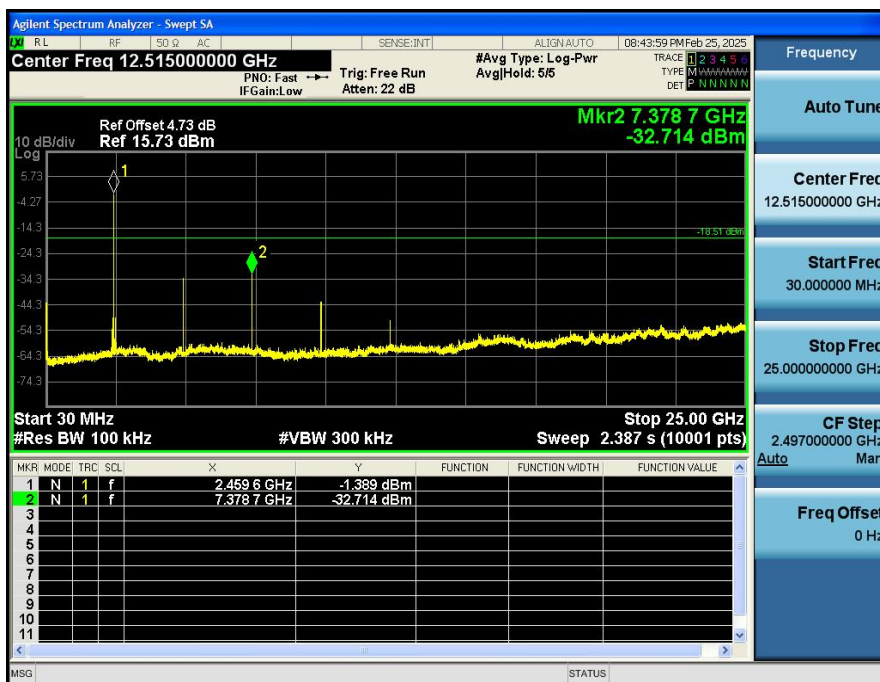
2_Spurious_Emission_NVNT_ANT1_2Mbps_2430



1_Reference_Level_NVNT_ANT1_2Mbps_2460



2_Spurious_Emission_NVNT_ANT1_2Mbps_2460



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