

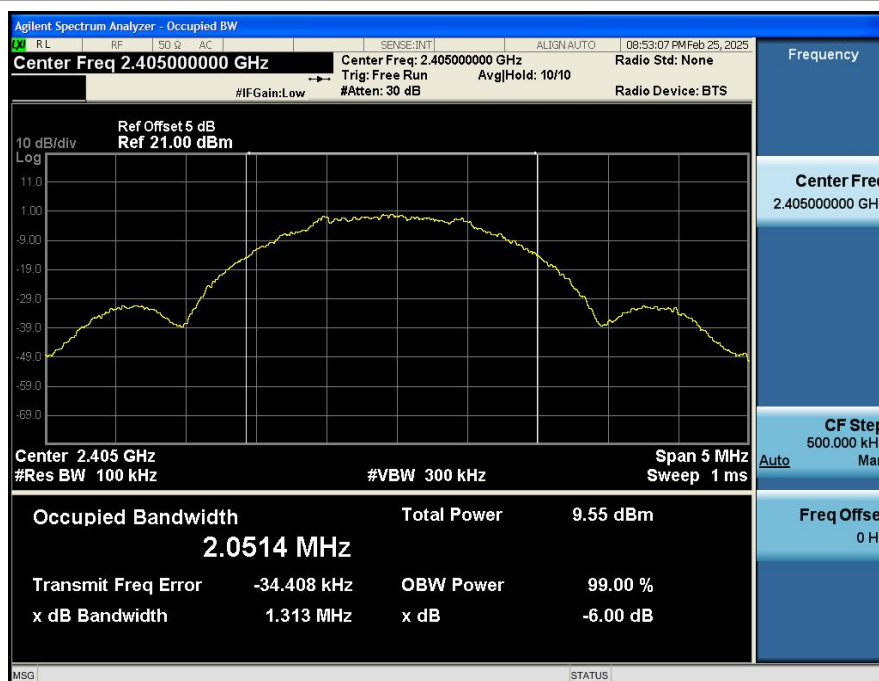
Appendix Test Data

Report No.:	1812C50045612501	Test Sample No.:	1-2-2
Start Test Date:	2025.2.14	Finish Test Date:	2025.2.25
Test Engineer:	<i>Biangfei Yang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	20.2°C	Relative Humidity:	46.8%
Pressure:	101kPa		

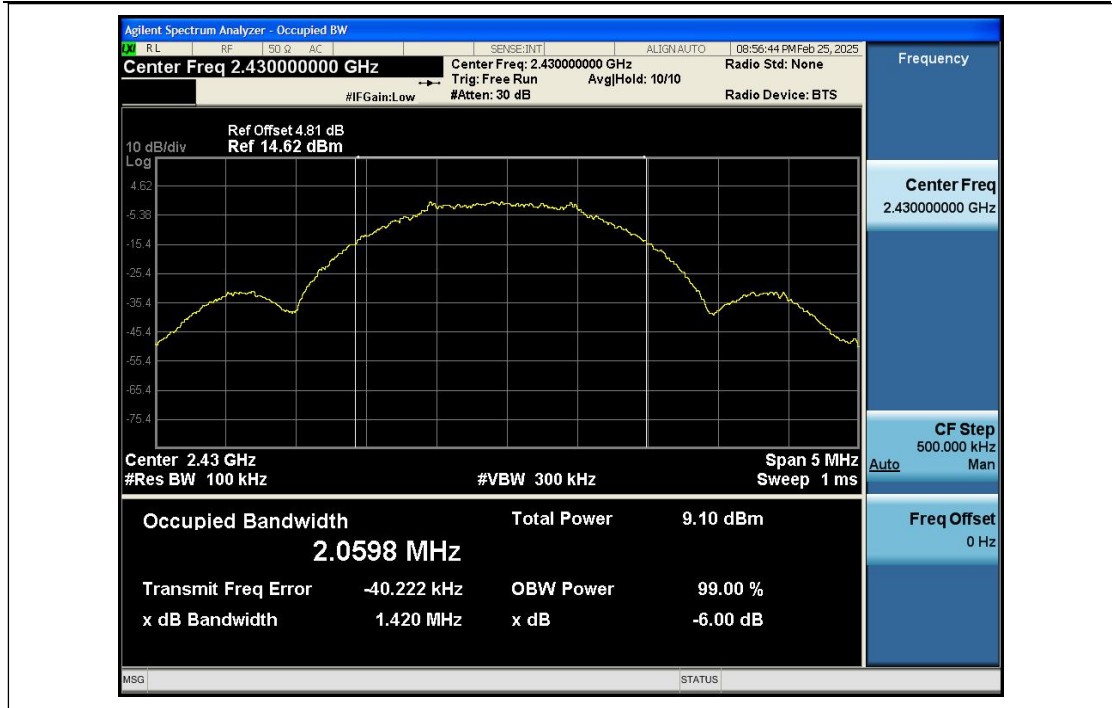
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2.4G	2405.00	1312.61	500	Pass
NVNT	ANT1	2.4G	2430.00	1420.16	500	Pass
NVNT	ANT1	2.4G	2460.00	1403.43	500	Pass

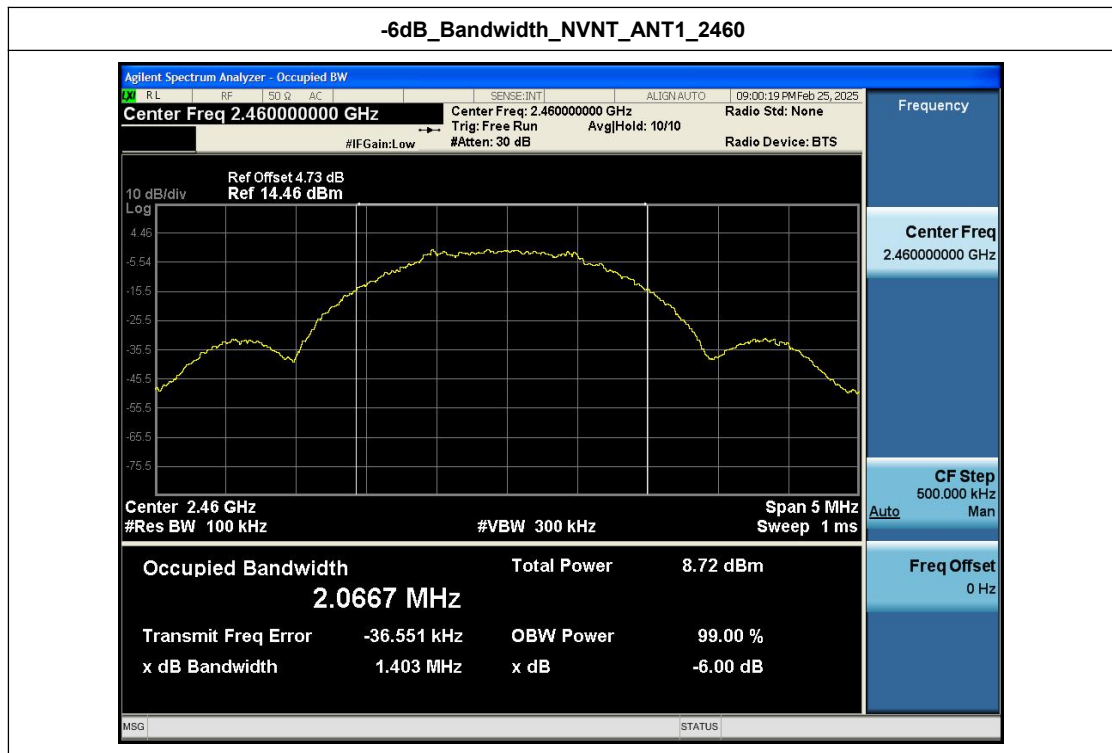
-6dB_Bandwidth_NVNT_ANT1_2405



-6dB_Bandwidth_NVNT_ANT1_2430



-6dB_Bandwidth_NVNT_ANT1_2460



Appendix B: 99% Occupied Bandwidth

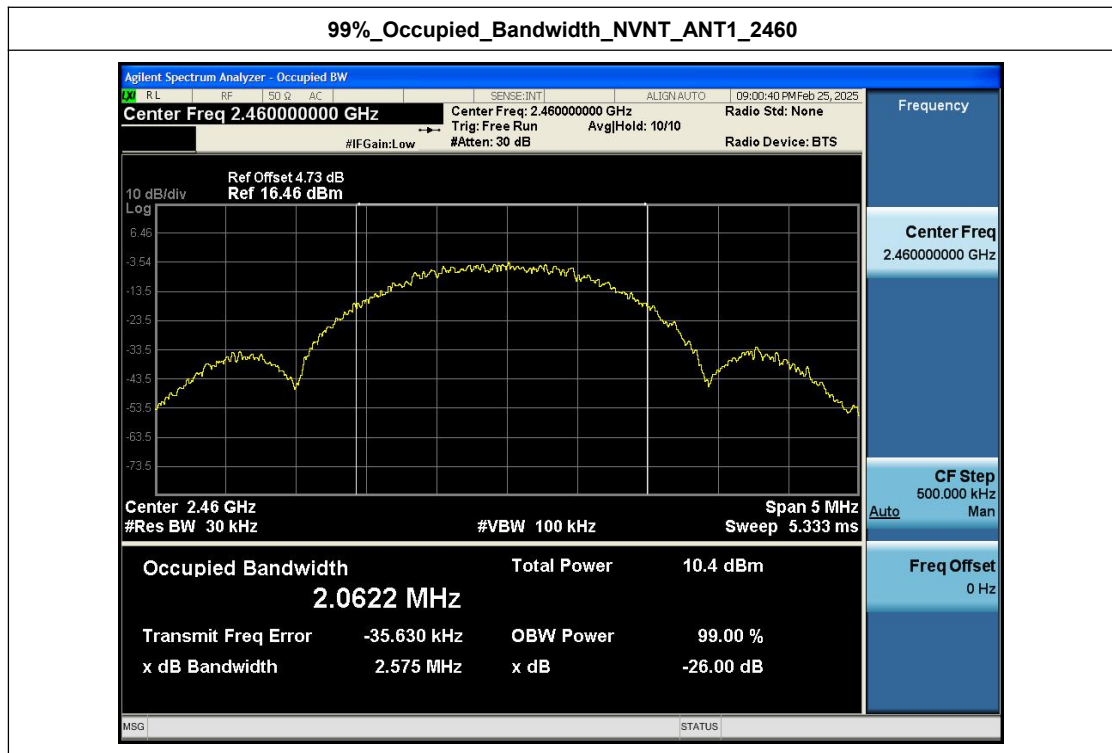
Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2405.00	2.045
NVNT	ANT1	2.4G	2430.00	2.048
NVNT	ANT1	2.4G	2460.00	2.062

99%_Occupied_Bandwidth_NVNT_ANT1_2405



99%_Occupied_Bandwidth_NVNT_ANT1_2430





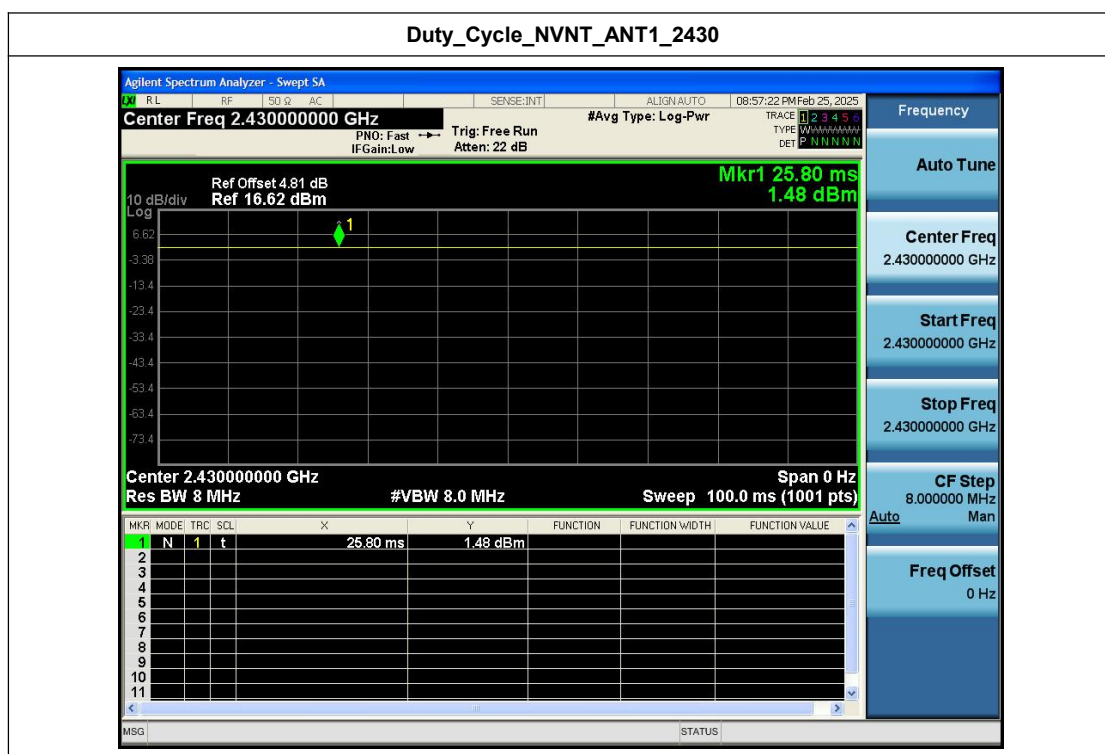
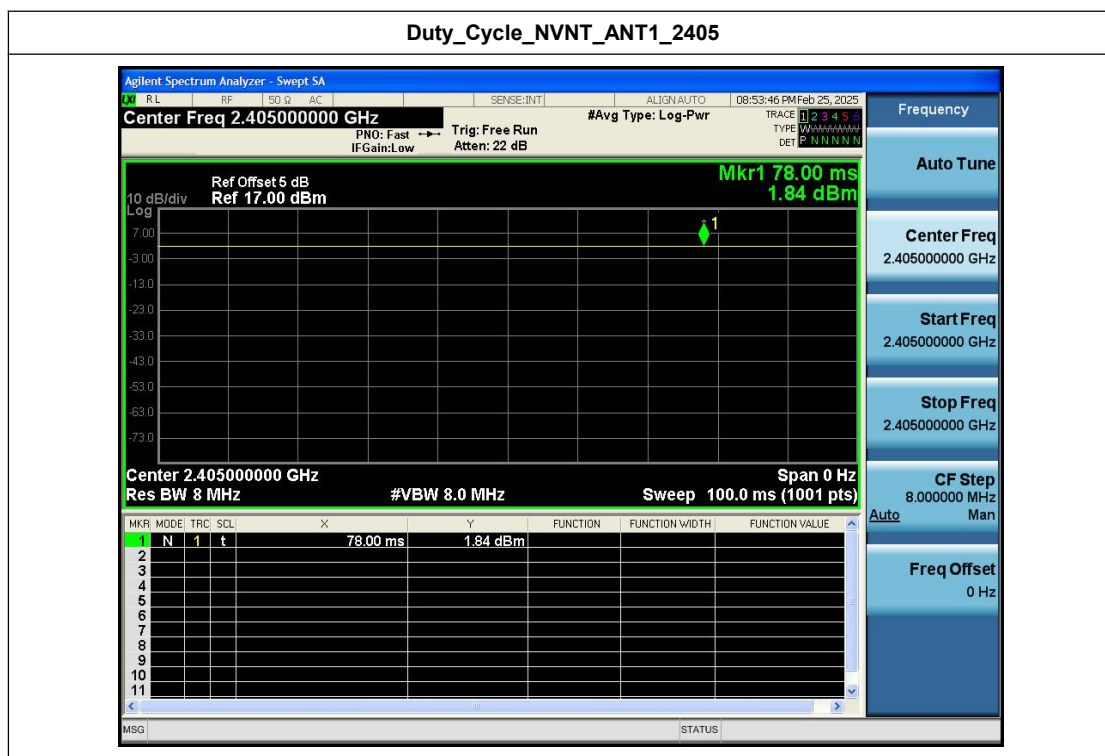
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Appendix C: Duty Cycle

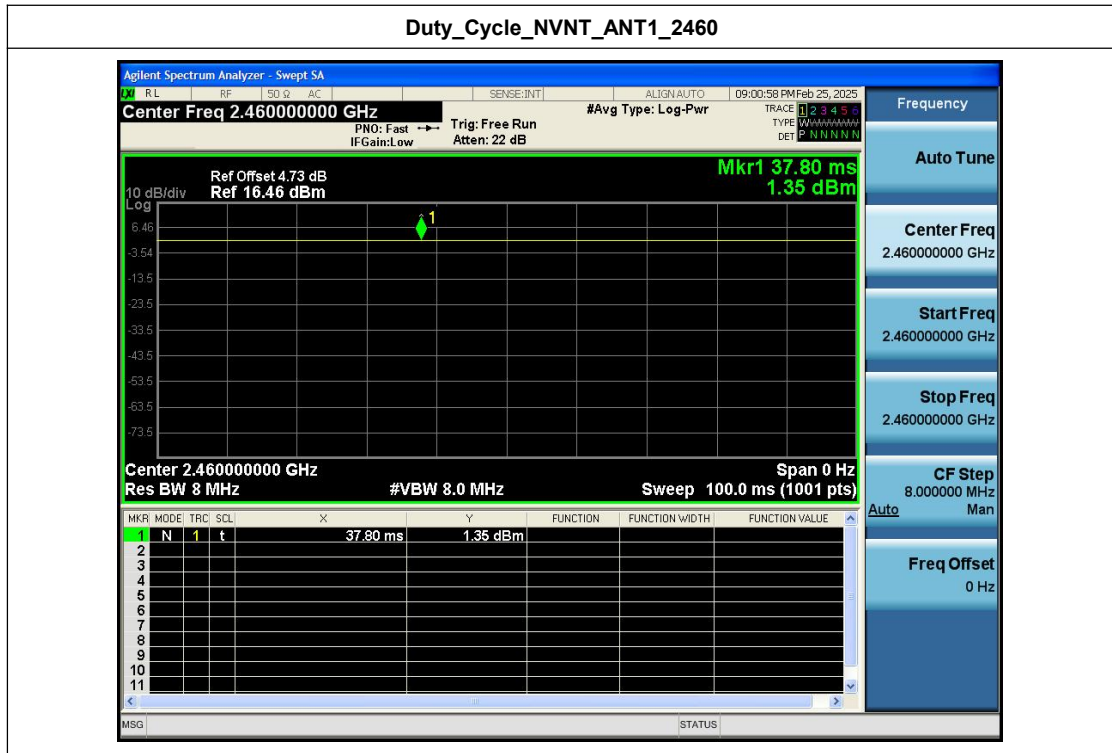
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2.4G	2405.00	100	0.00
NVNT	ANT1	2.4G	2430.00	100	0.00
NVNT	ANT1	2.4G	2460.00	100	0.00



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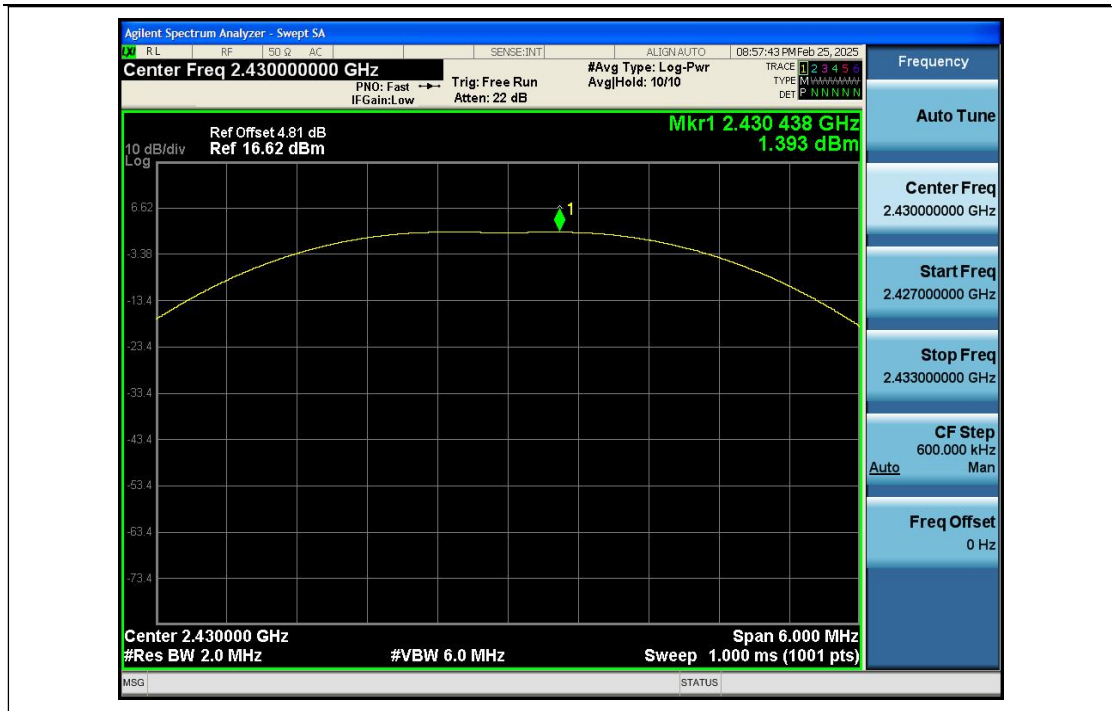
Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2.4G	2405.00	1.78	1.51	1000	Pass
NVNT	ANT1	2.4G	2430.00	1.39	1.38	1000	Pass
NVNT	ANT1	2.4G	2460.00	1.27	1.34	1000	Pass

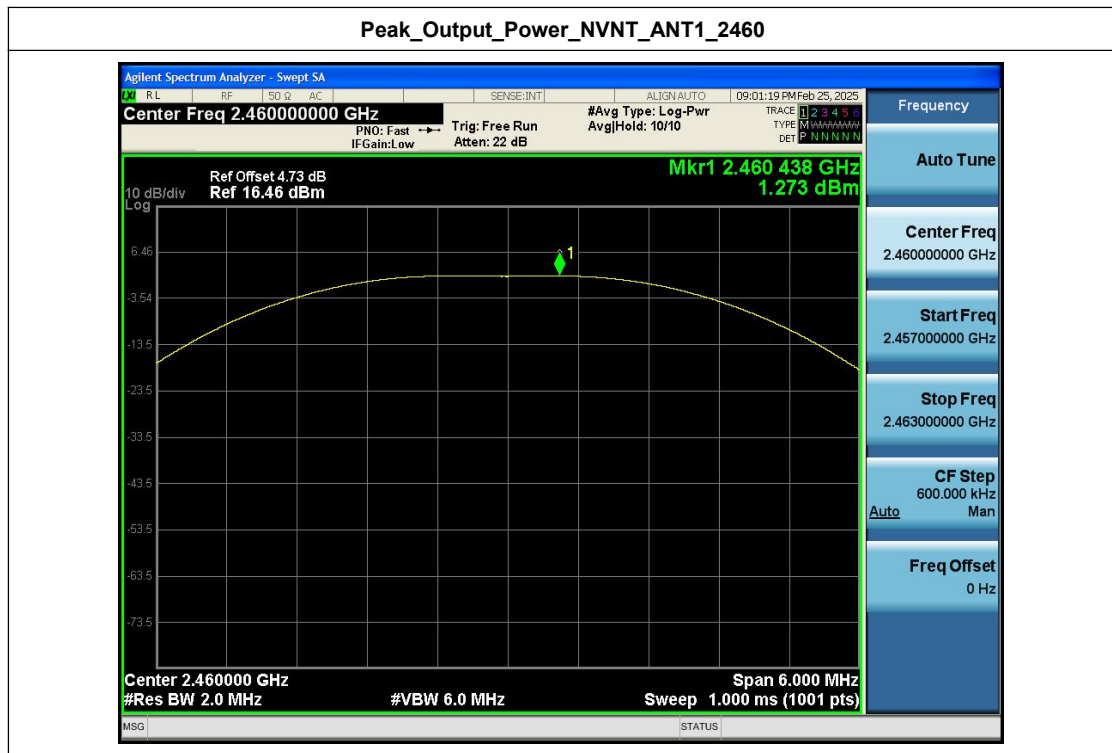
Peak_Output_Power_NVNT_ANT1_2405



Peak_Output_Power_NVNT_ANT1_2430



Peak_Output_Power_NVNT_ANT1_2460



Appendix F: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2.4G	2405.00	-11.19	8	Pass
NVNT	ANT1	2.4G	2430.00	-11.53	8	Pass
NVNT	ANT1	2.4G	2460.00	-12.02	8	Pass

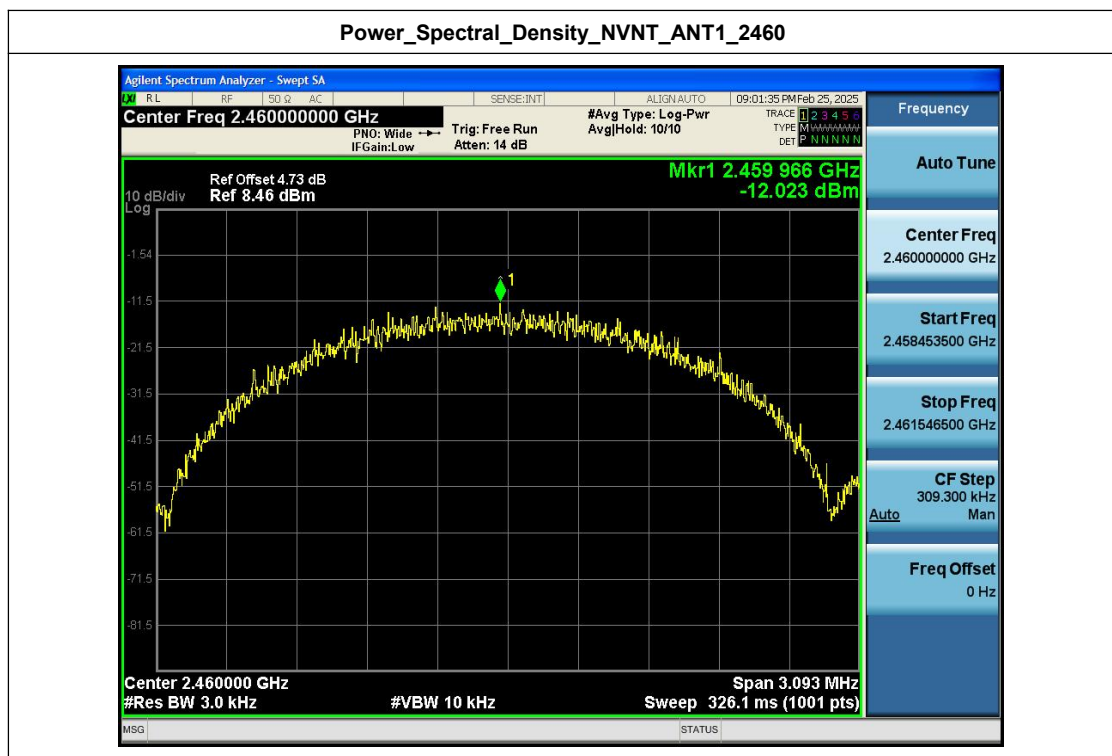
Power_Spectral_Density_NVNT_ANT1_2405



Power_Spectral_Density_NVNT_ANT1_2430



Power_Spectral_Density_NVNT_ANT1_2460



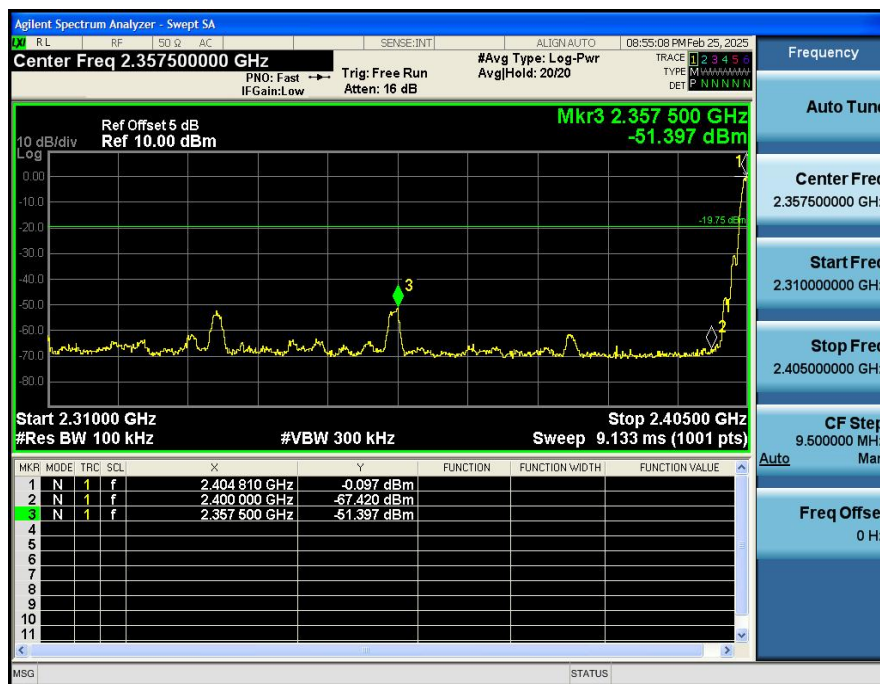
Appendix G: Bandedge

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	2357.500	0.251	-51.397	-19.749	Pass
NVNT	ANT1	2.4G	2460.00	2483.980	-0.376	-63.699	-20.376	Pass

1_Reference_Level_NVNT_ANT1_2405



2_Bandedge_NVNT_ANT1_2405



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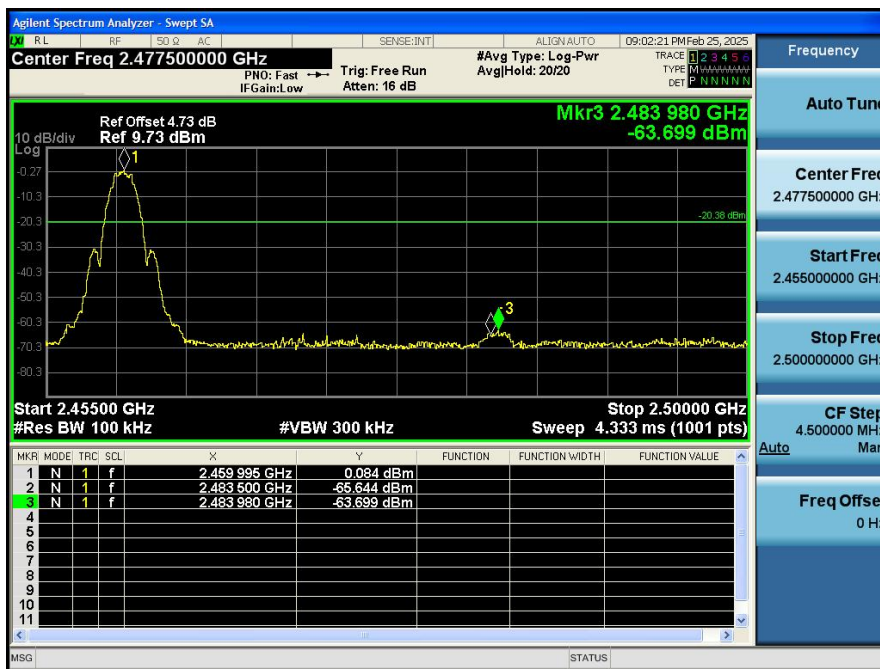
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1_Reference_Level_NVNT_ANT1_2460



2_Bandedge_NVNT_ANT1_2460



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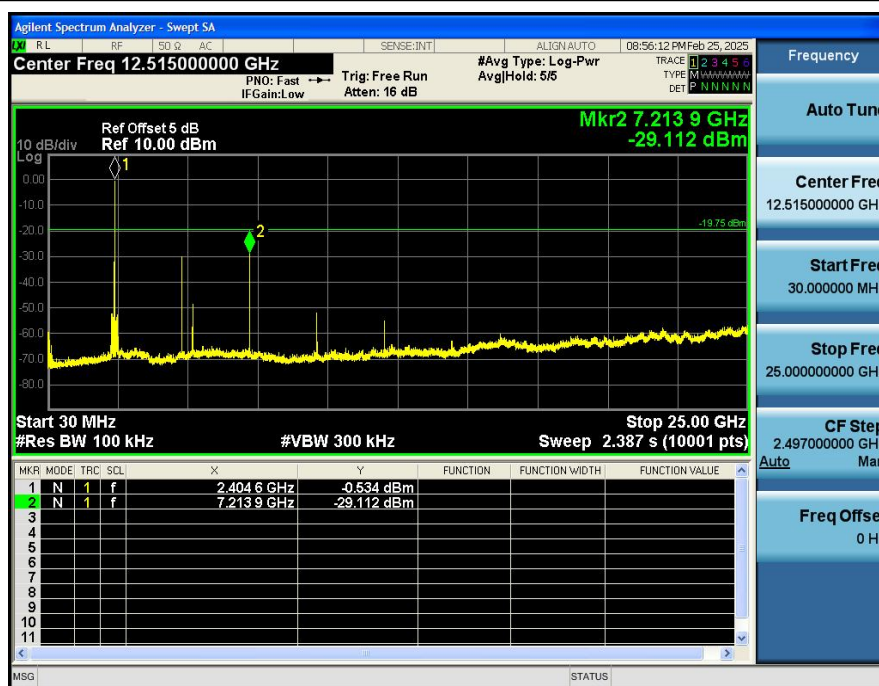
Appendix H: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2.4G	2405.00	0.251	-29.112	-19.749	Pass
NVNT	ANT1	2.4G	2430.00	-0.529	-28.545	-20.529	Pass
NVNT	ANT1	2.4G	2460.00	-0.376	-29.180	-20.376	Pass

1_Reference_Level_NVNT_ANT1_2405



2_Spurious_Emission_NVNT_ANT1_2405



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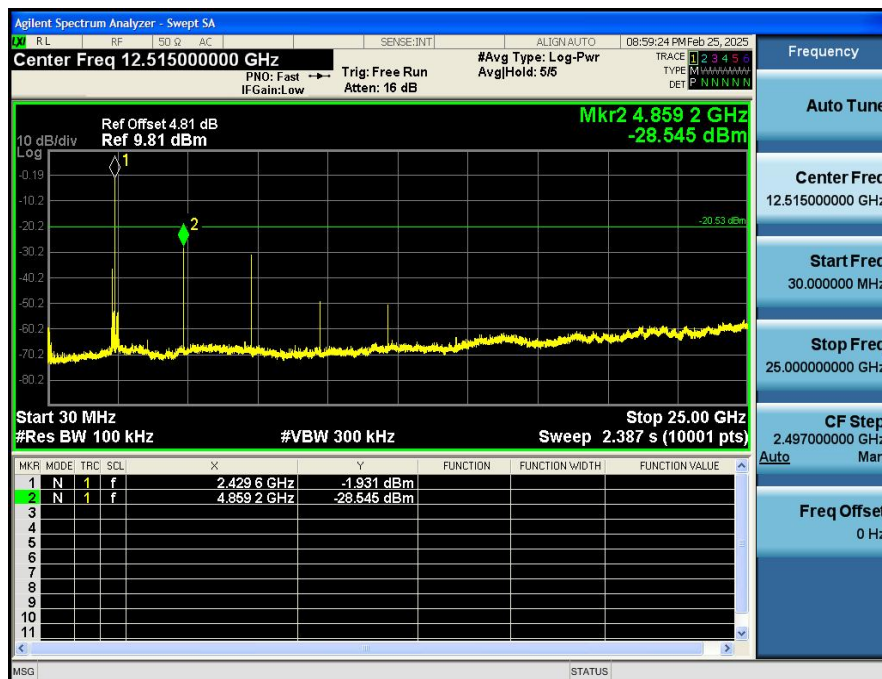
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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1_Reference_Level_NVNT_ANT1_2430



2_Spurious_Emission_NVNT_ANT1_2430



1_Reference_Level_NVNT_ANT1_2460

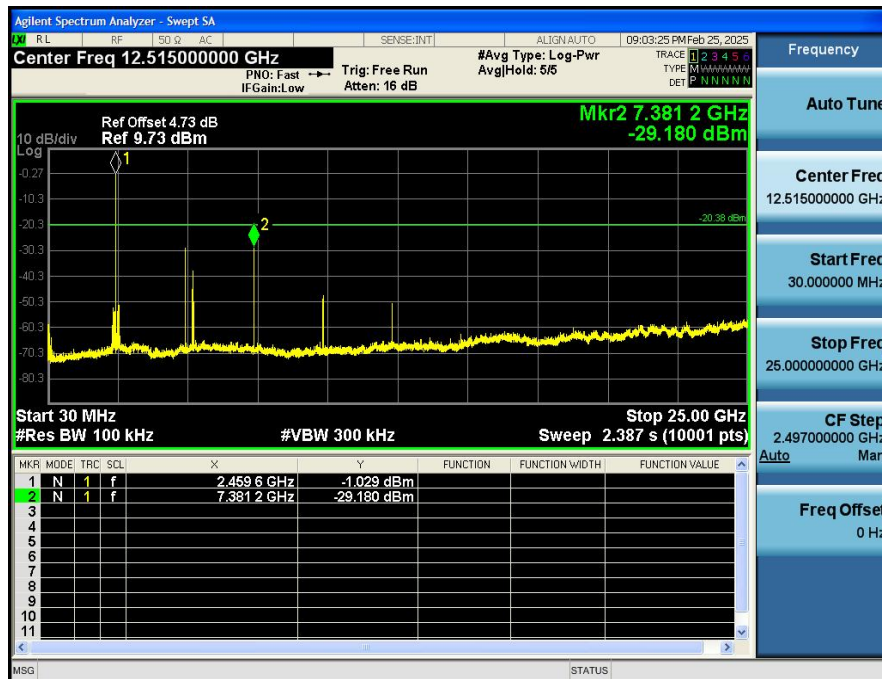
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2_Spurious_Emission_NVNT_ANT1_2460



---END---

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