

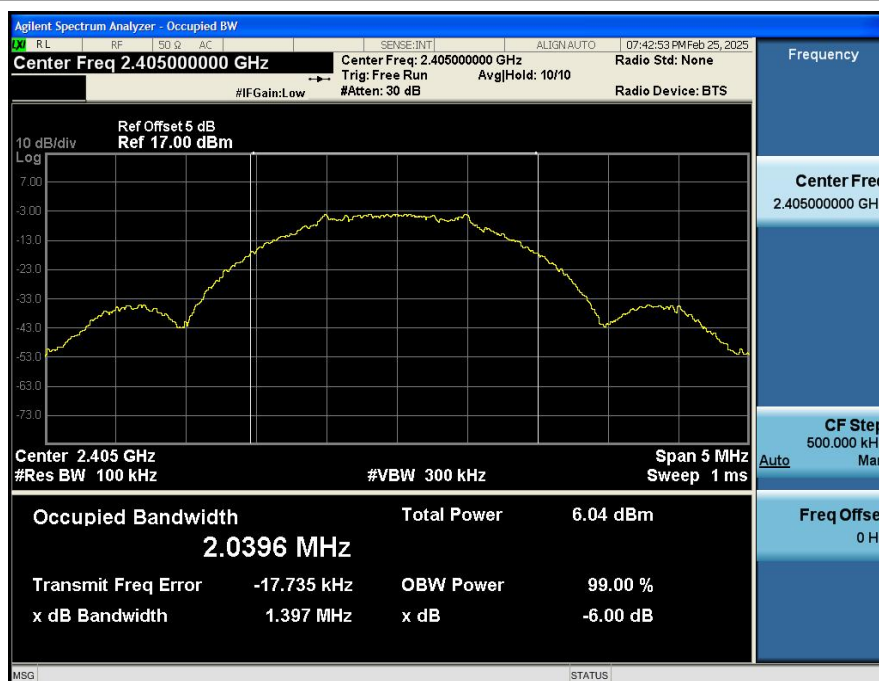
Appendix Test Data

Report No.:	1812C50045312501	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		

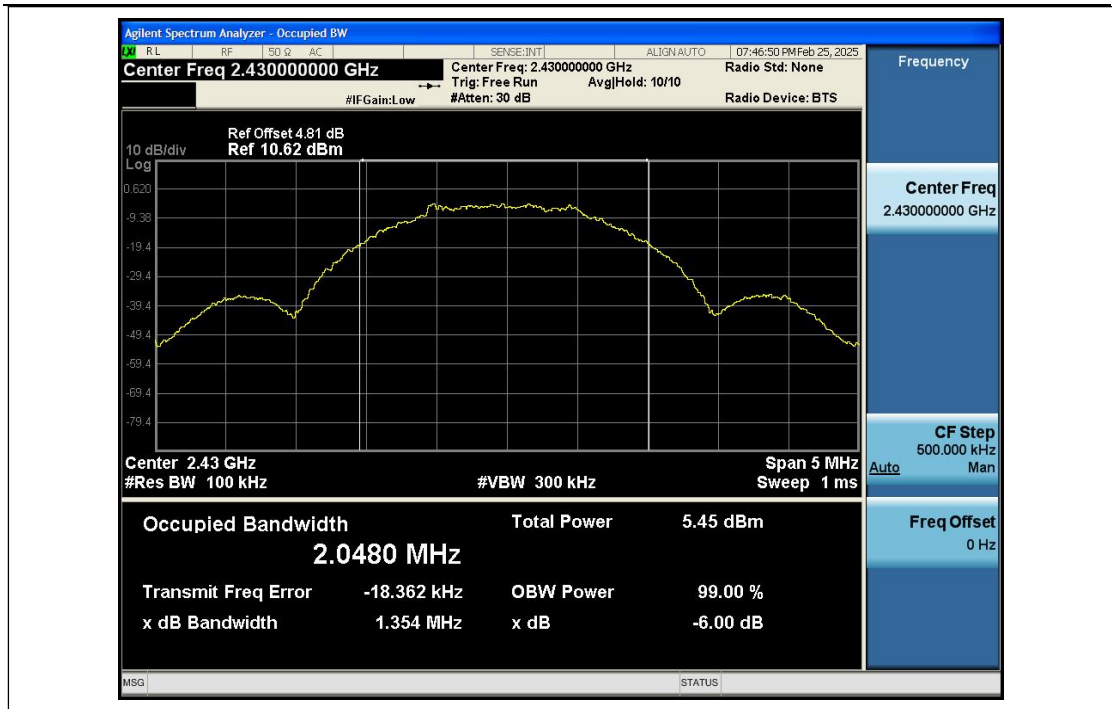
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2.4G	2405.00	1397.23	500	Pass
NVNT	ANT1	2.4G	2430.00	1353.69	500	Pass
NVNT	ANT1	2.4G	2460.00	1287.14	500	Pass

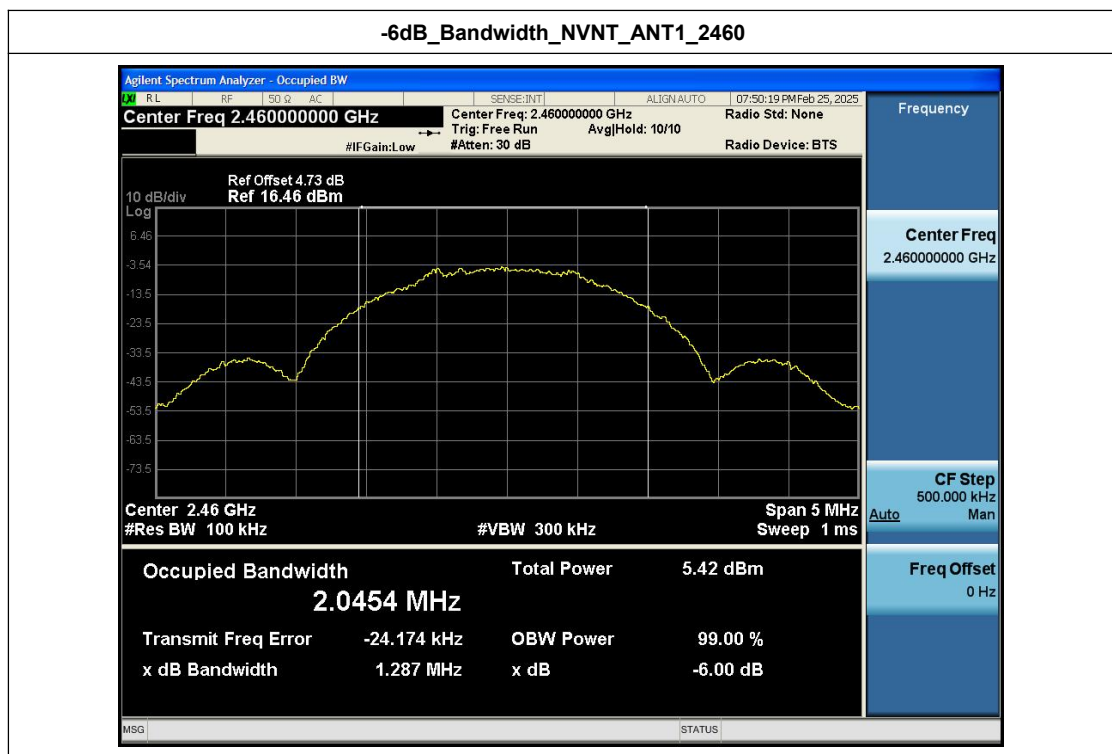
-6dB_Bandwidth_NVNT_ANT1_2405



-6dB_Bandwidth_NVNT_ANT1_2430



-6dB_Bandwidth_NVNT_ANT1_2460



Appendix B: 99% Occupied Bandwidth

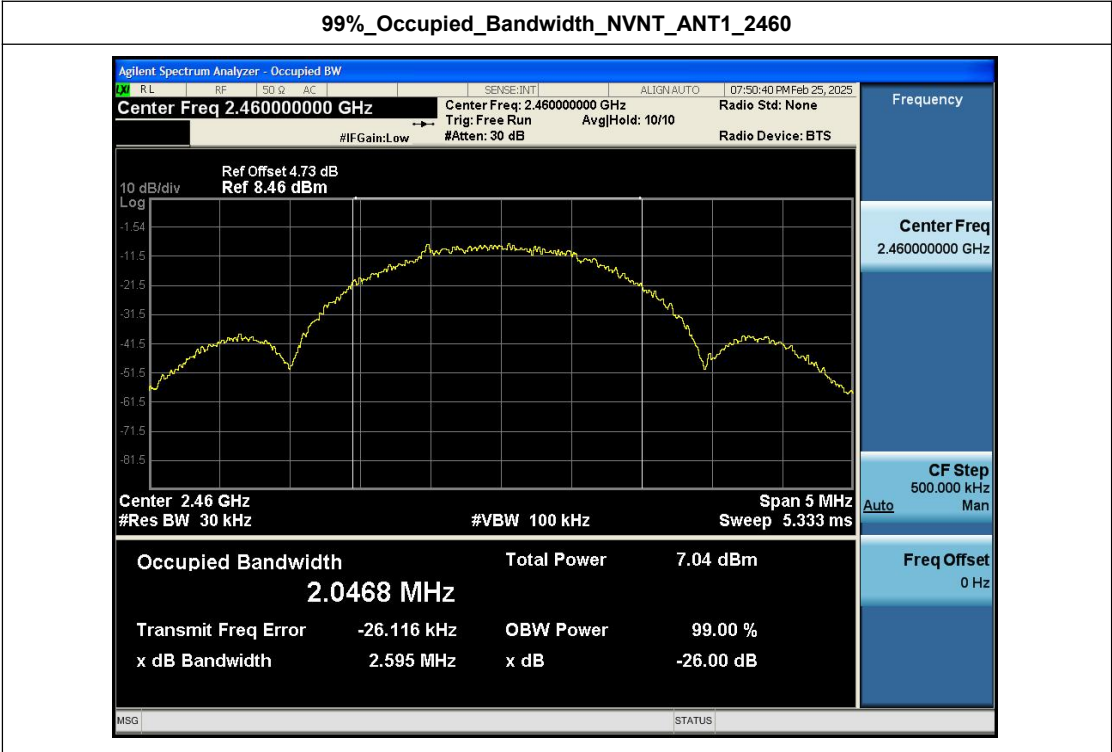
Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	2.4G	2405.00	2.033
NVNT	ANT1	2.4G	2430.00	2.035
NVNT	ANT1	2.4G	2460.00	2.047

99%_Occupied_Bandwidth_NVNT_ANT1_2405



99%_Occupied_Bandwidth_NVNT_ANT1_2430





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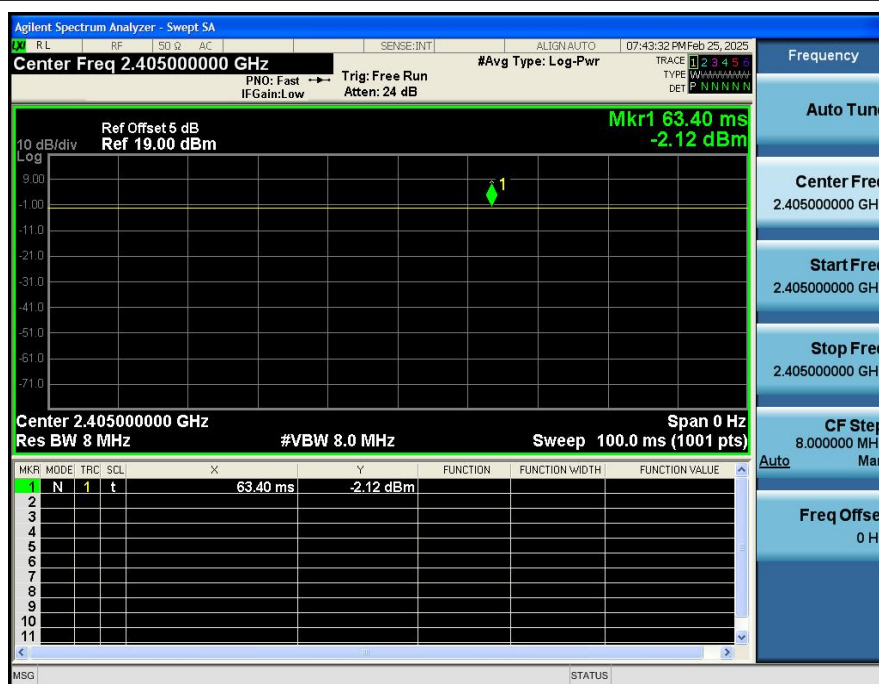
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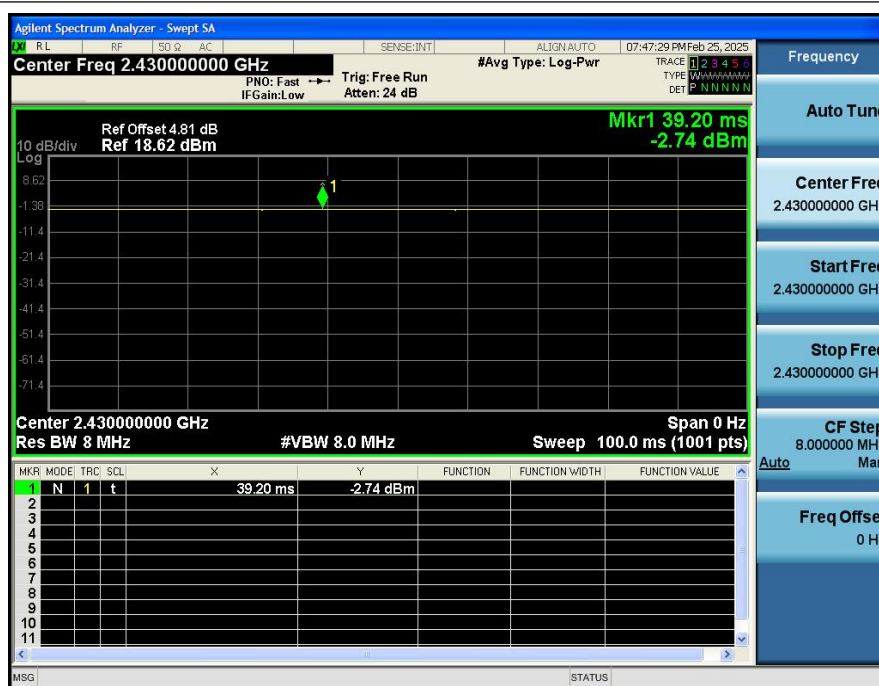
Appendix C: Duty Cycle

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_2405



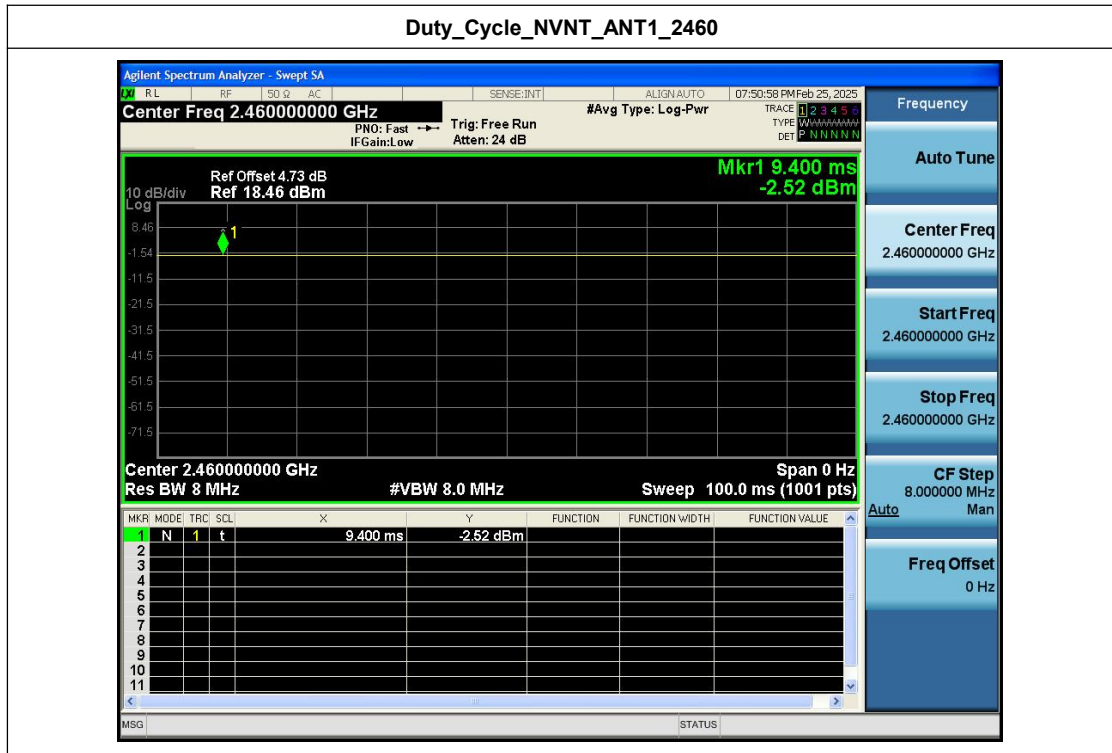
Duty_Cycle_NVNT_ANT1_2430



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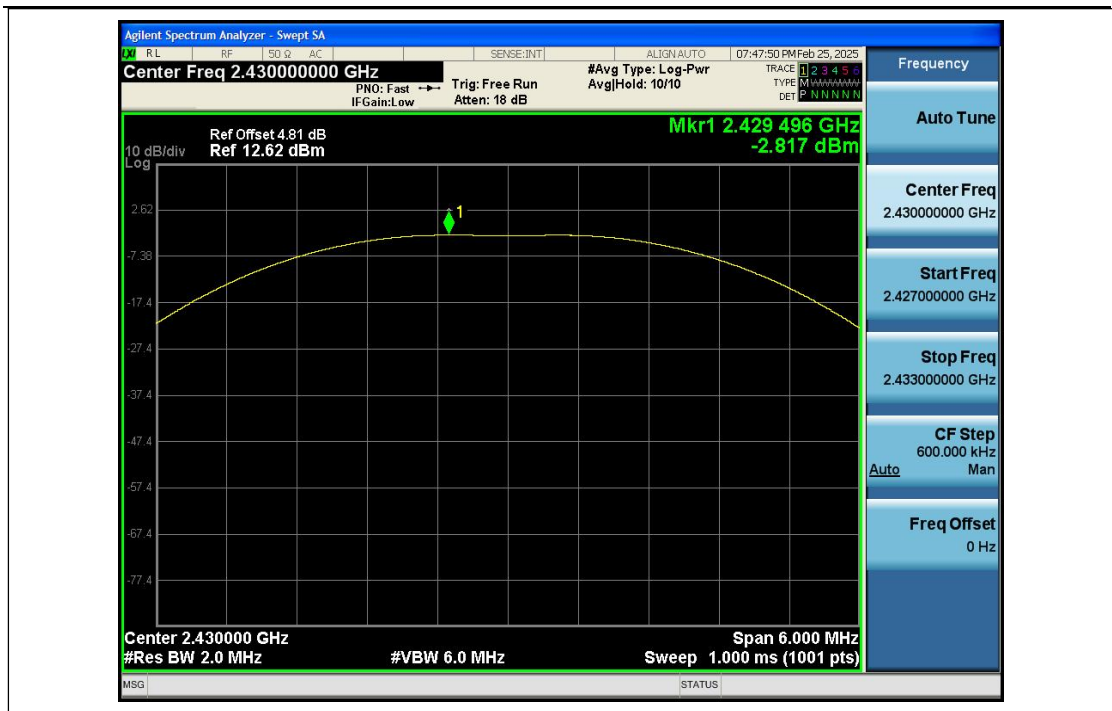
Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2.4G	2405.00	-2.21	0.60	1000	Pass
NVNT	ANT1	2.4G	2430.00	-2.82	0.52	1000	Pass
NVNT	ANT1	2.4G	2460.00	-2.64	0.54	1000	Pass

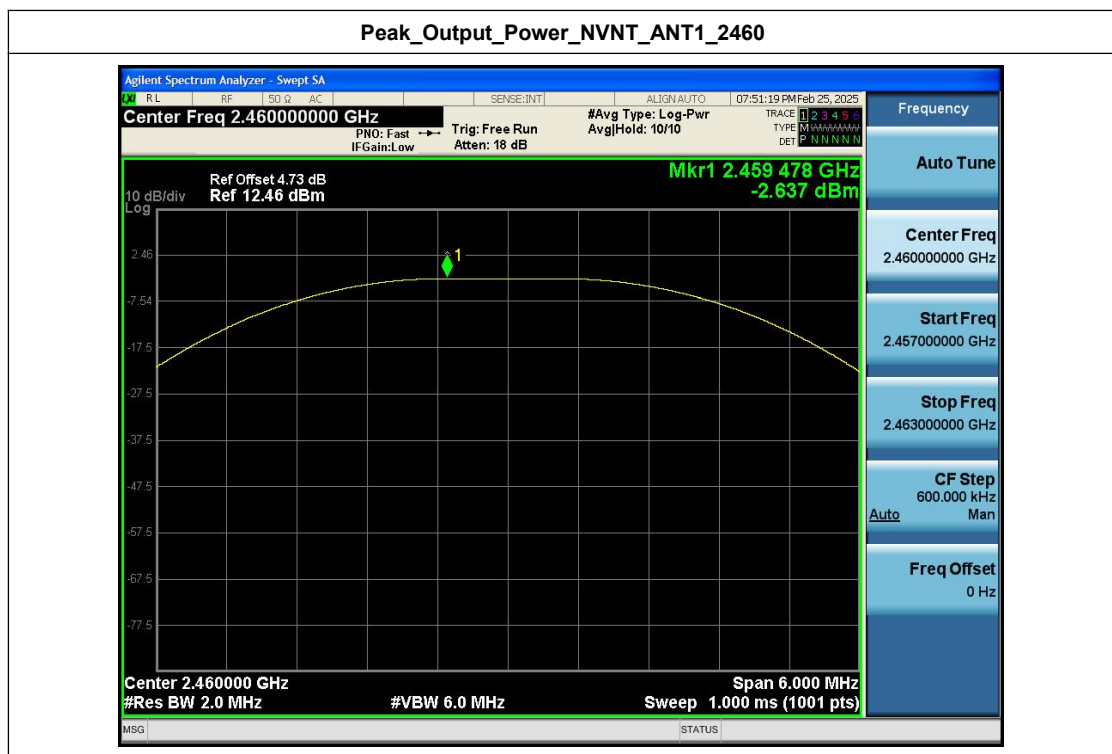
Peak_Output_Power_NVNT_ANT1_2405



Peak_Output_Power_NVNT_ANT1_2430

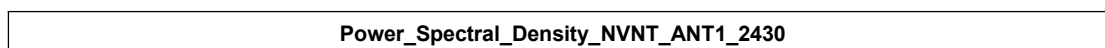
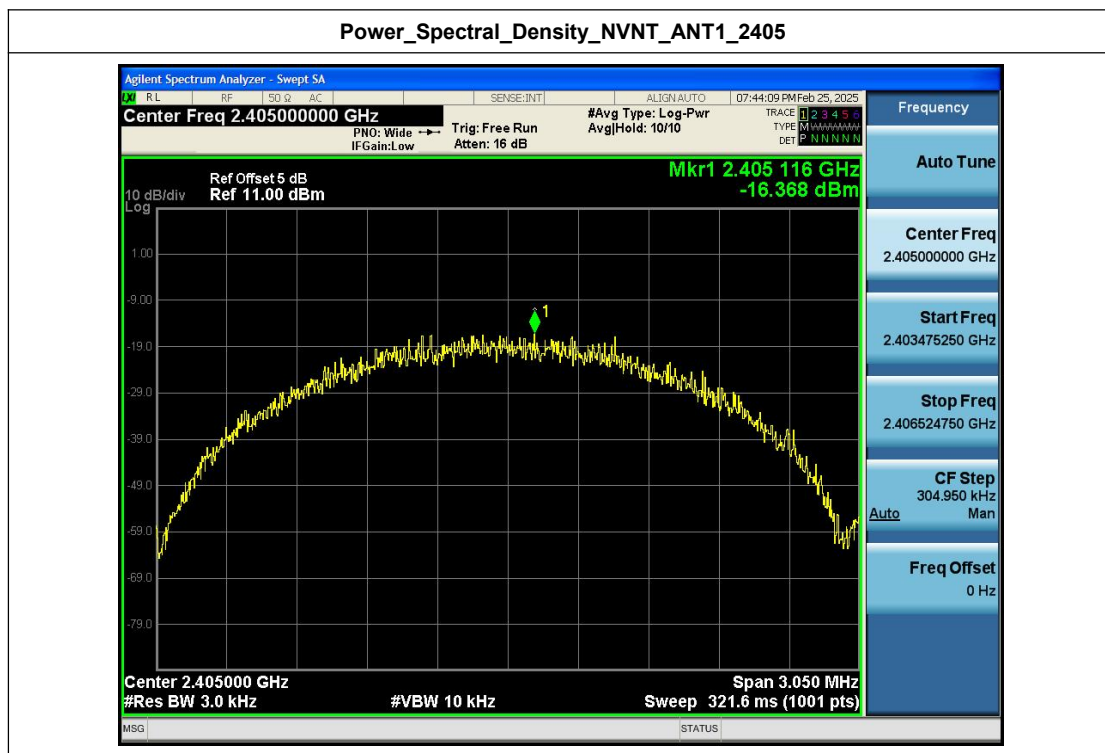


Peak_Output_Power_NVNT_ANT1_2460



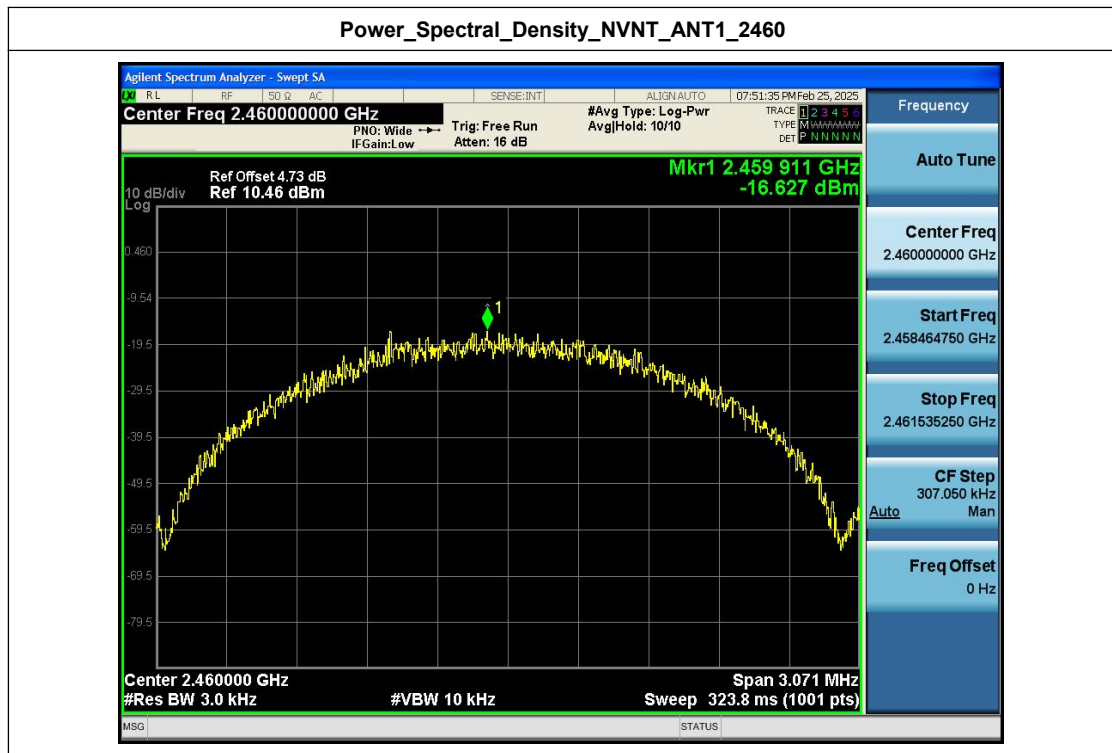
Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2.4G	2405.00	-16.37	8	Pass
NVNT	ANT1	2.4G	2430.00	-16.06	8	Pass
NVNT	ANT1	2.4G	2460.00	-16.63	8	Pass





Power_Spectral_Density_NVNT_ANT1_2460



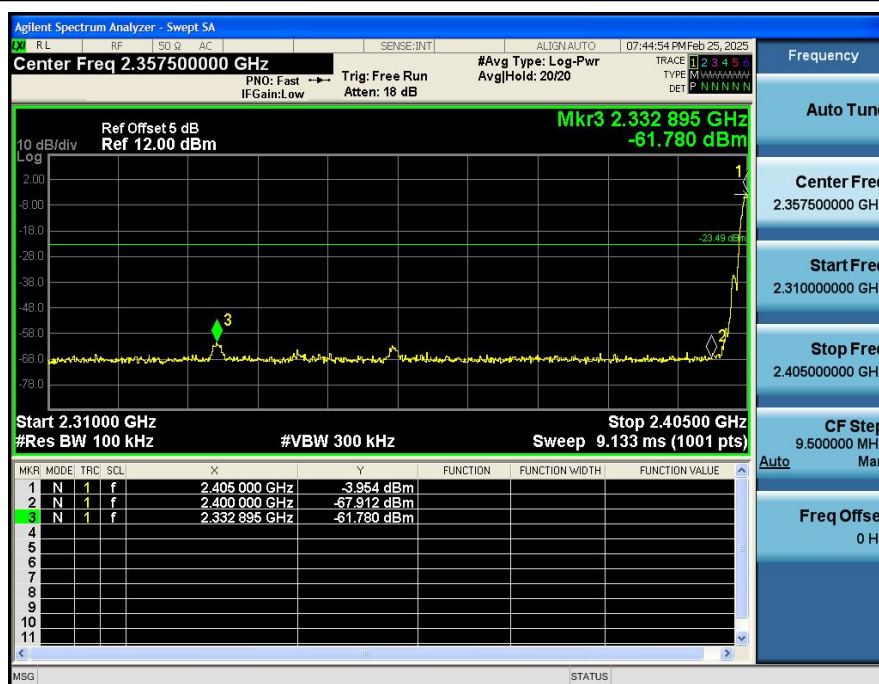
Appendix F: Bandedge

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	2332.895	-3.487	-61.780	-23.487	Pass
NVNT	ANT1	2.4G	2460.00	2488.975	-4.270	-66.001	-24.270	Pass

1_Reference_Level_NVNT_ANT1_2405



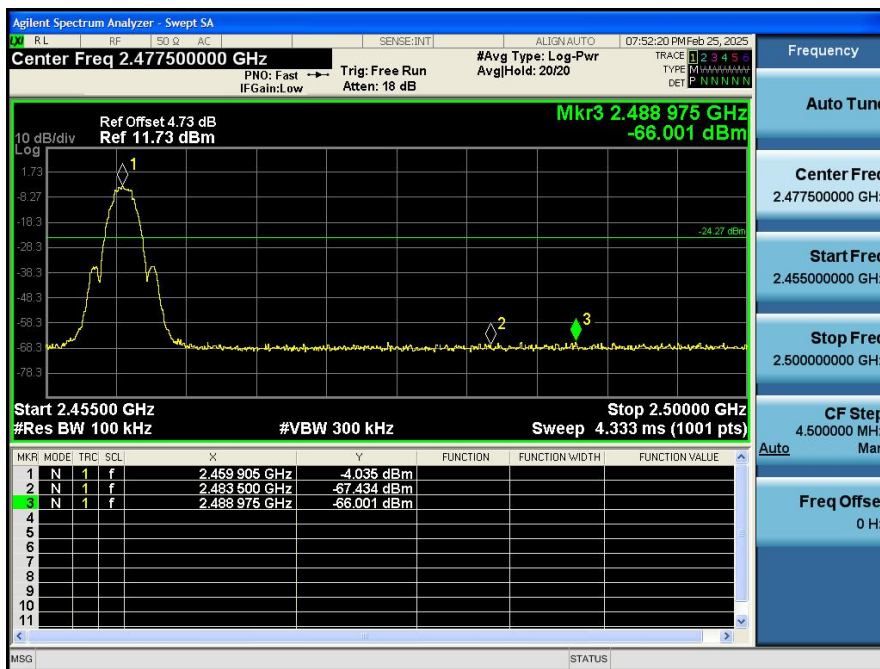
2_Bandedge_NVNT_ANT1_2405



1_Reference_Level_NVNT_ANT1_2460



2_Bandedge_NVNT_ANT1_2460



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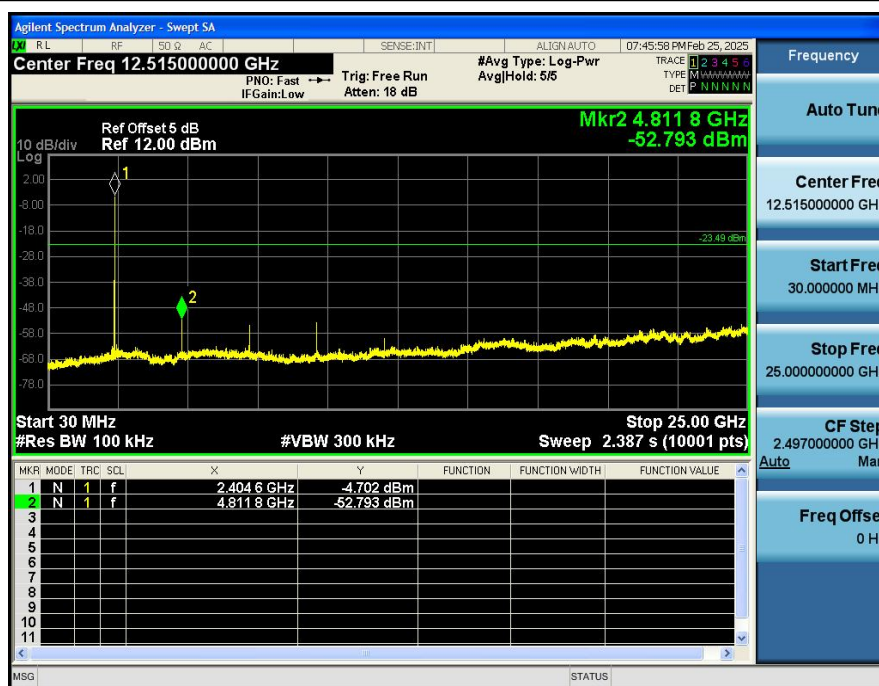
Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2.4G	2405.00	-3.487	-52.793	-23.487	Pass
NVNT	ANT1	2.4G	2430.00	-4.563	-53.864	-24.563	Pass
NVNT	ANT1	2.4G	2460.00	-4.270	-52.720	-24.270	Pass

1_Reference_Level_NVNT_ANT1_2405



2_Spurious_Emission_NVNT_ANT1_2405



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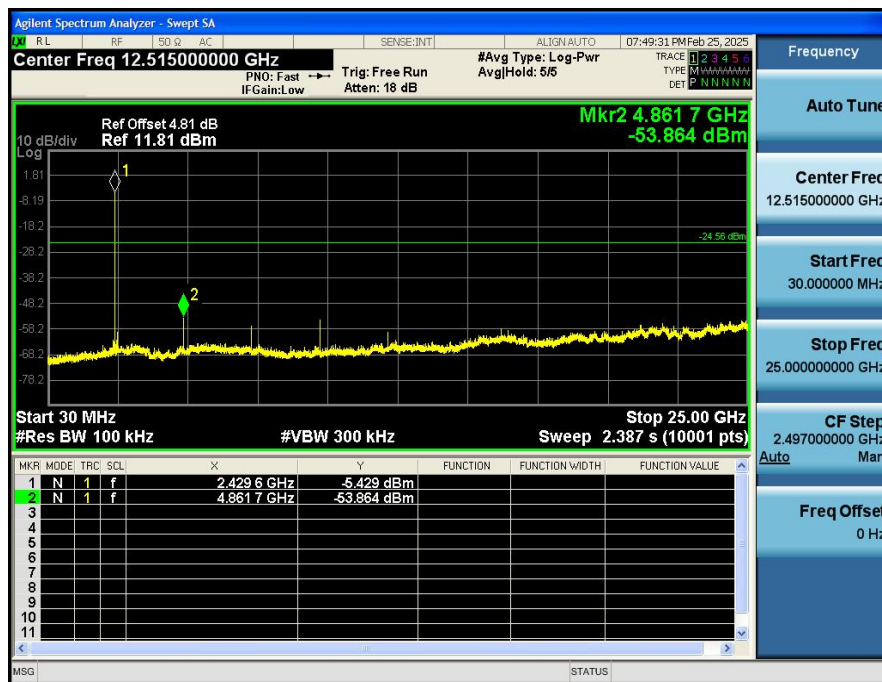
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1_Reference_Level_NVNT_ANT1_2430



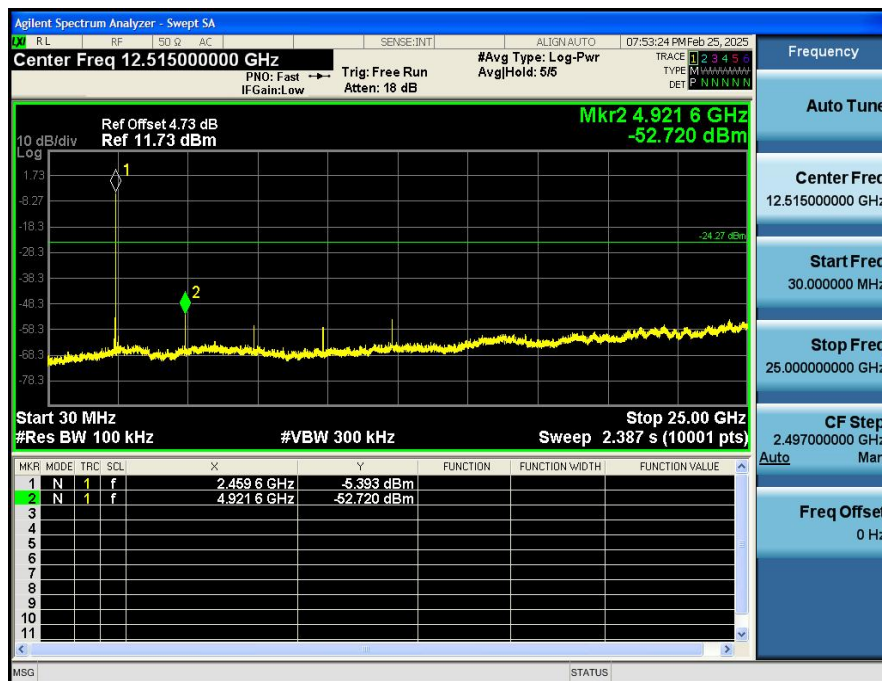
2_Spurious_Emission_NVNT_ANT1_2430



1_Reference_Level_NVNT_ANT1_2460



2_Spurious_Emission_NVNT_ANT1_2460



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