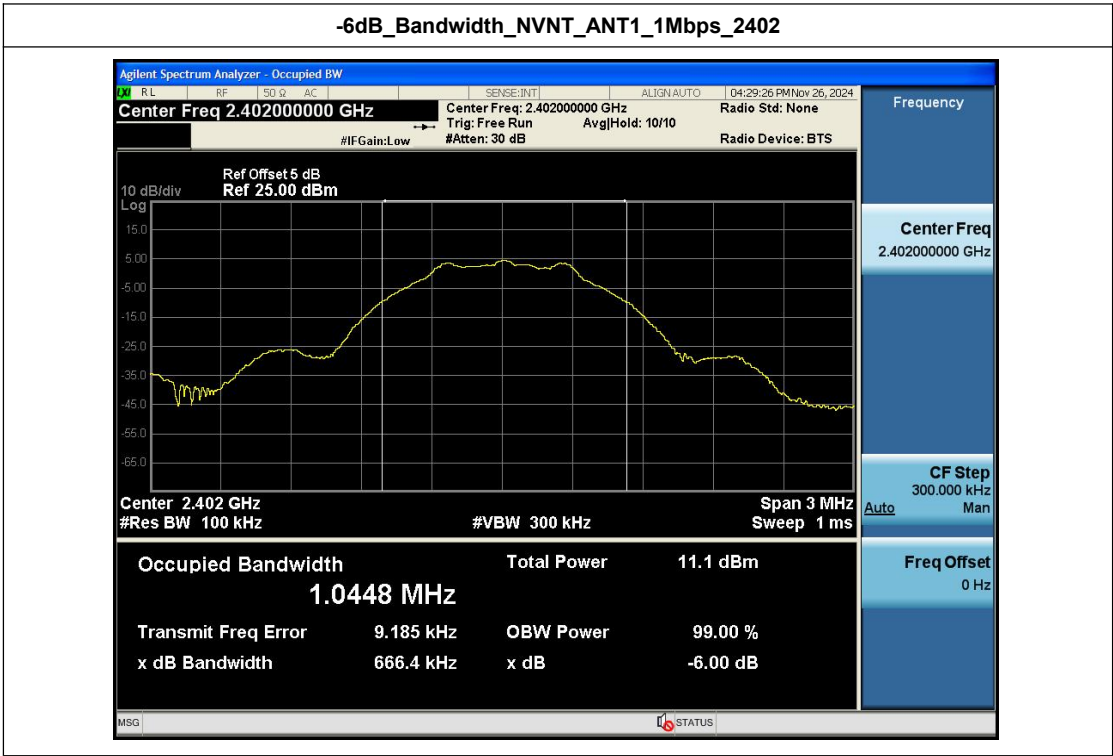


Appendix Test Data

Report No.:	1812C40152612502	Test Sample No.:	1-2-2
Start Test Date:	2024.11.25	Finish Test Date:	2024.12.11
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8℃	Relative Humidity:	57%
Pressure:	101kPa		

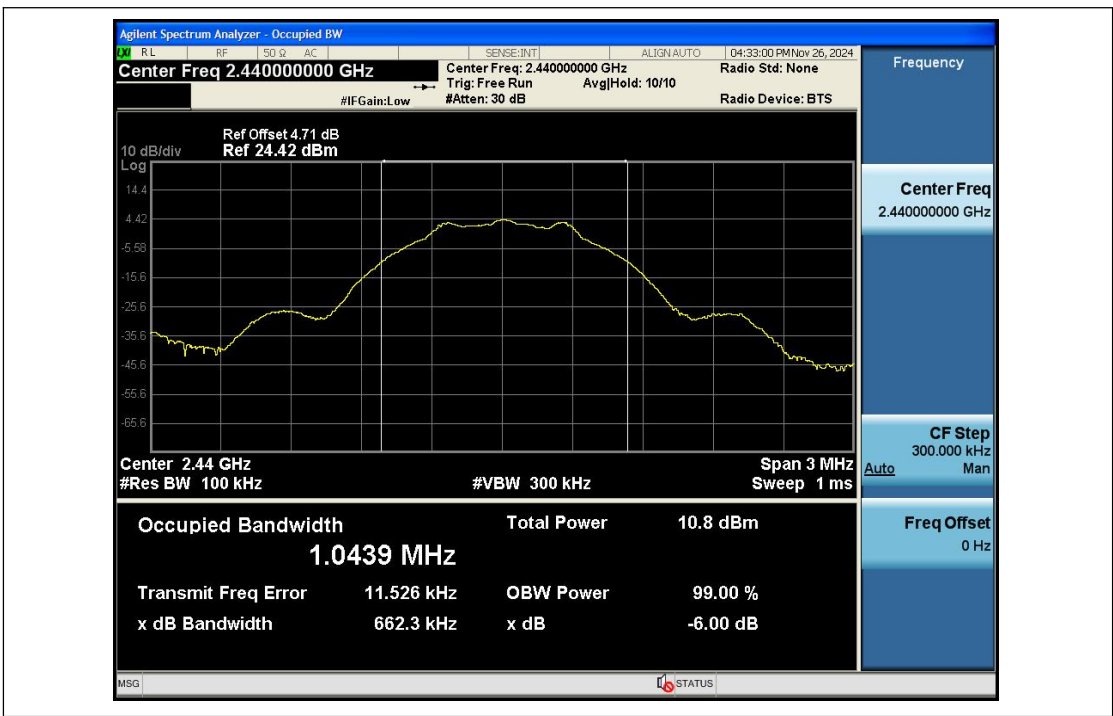
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	666.39	500	Pass
NVNT	ANT1	1Mbps	2440.00	662.27	500	Pass
NVNT	ANT1	1Mbps	2480.00	509.43	500	Pass

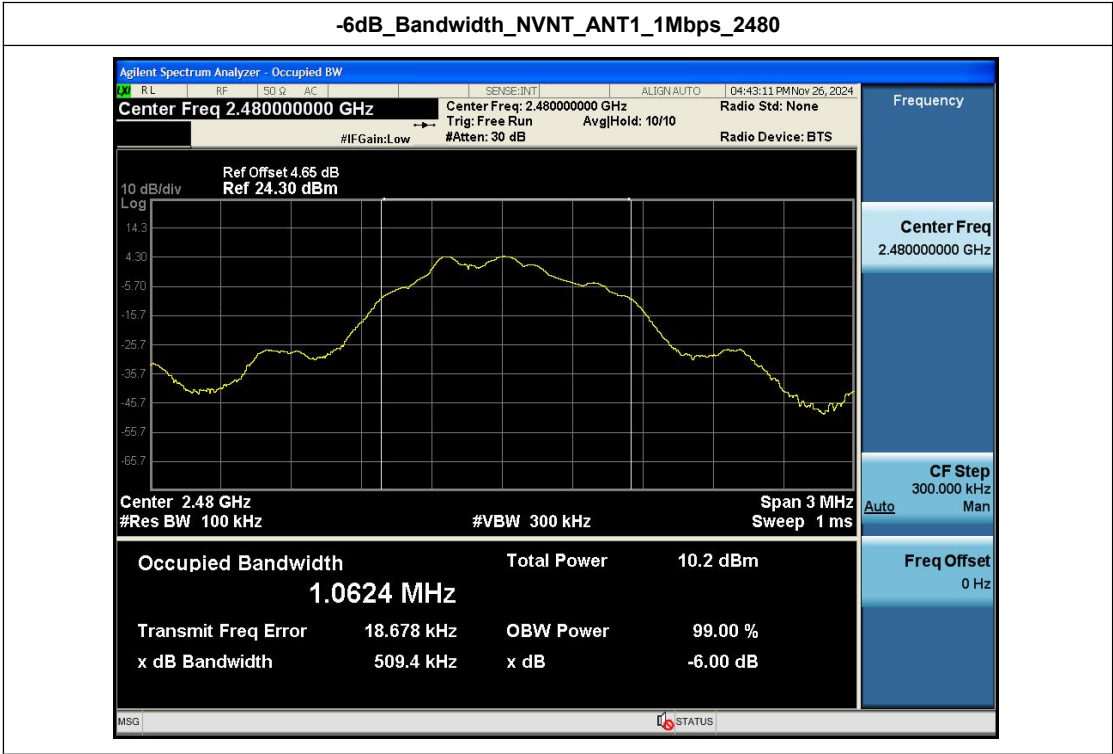


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



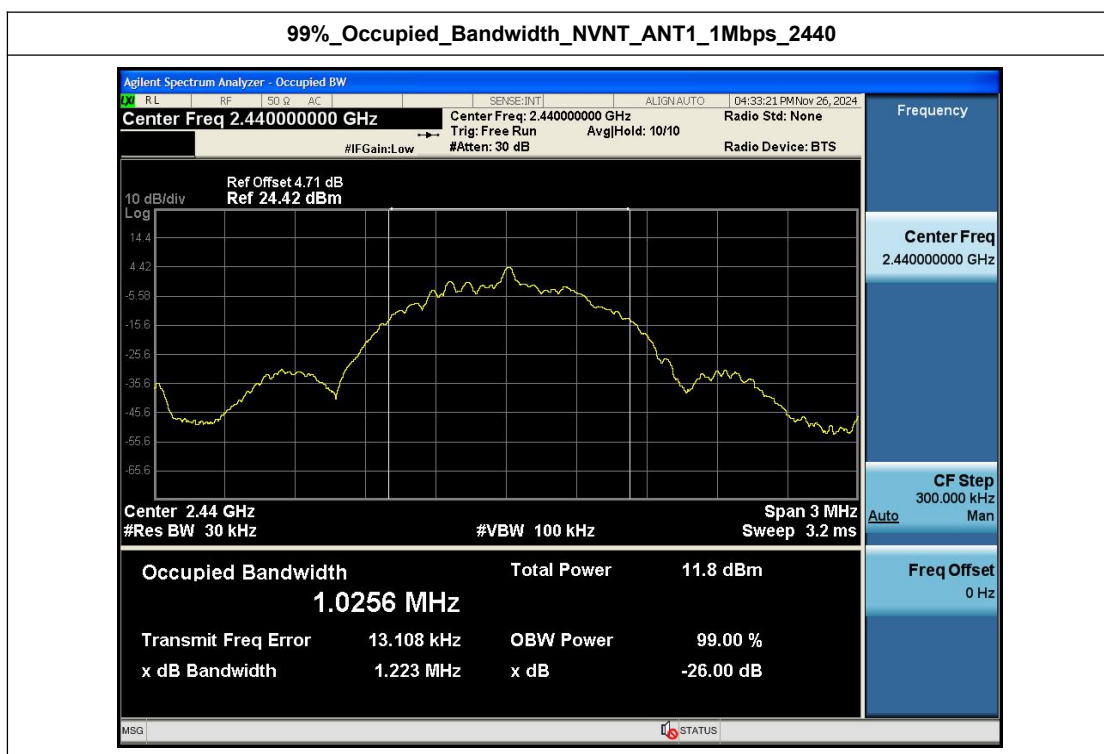
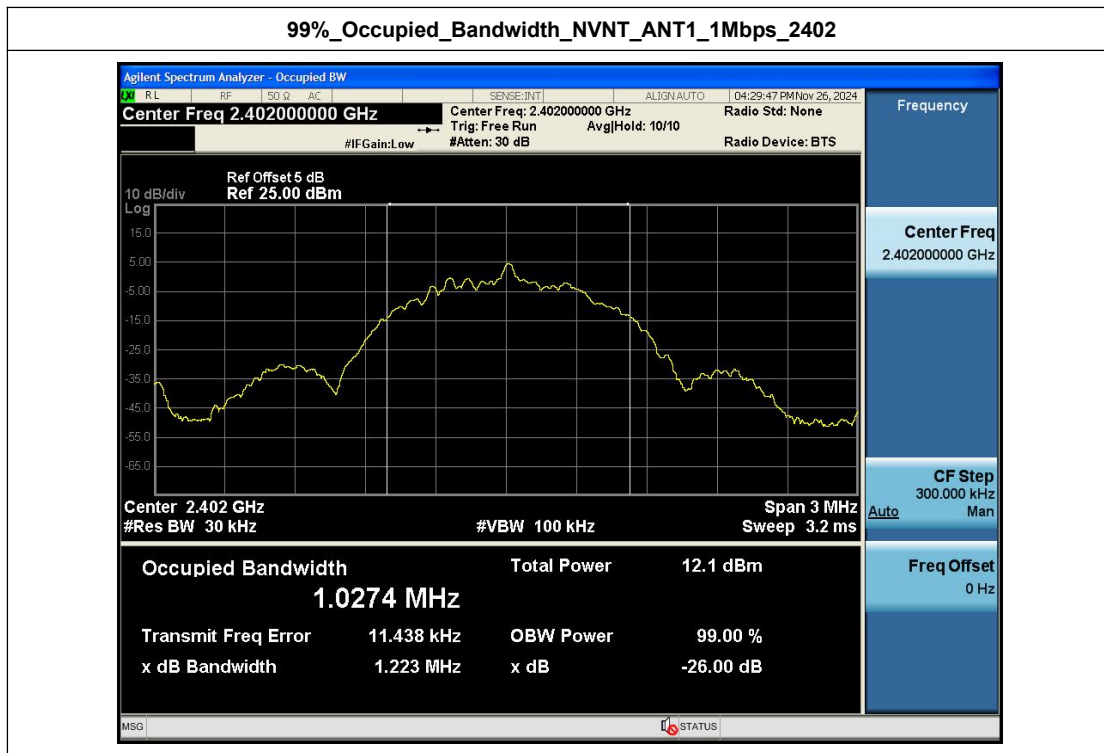


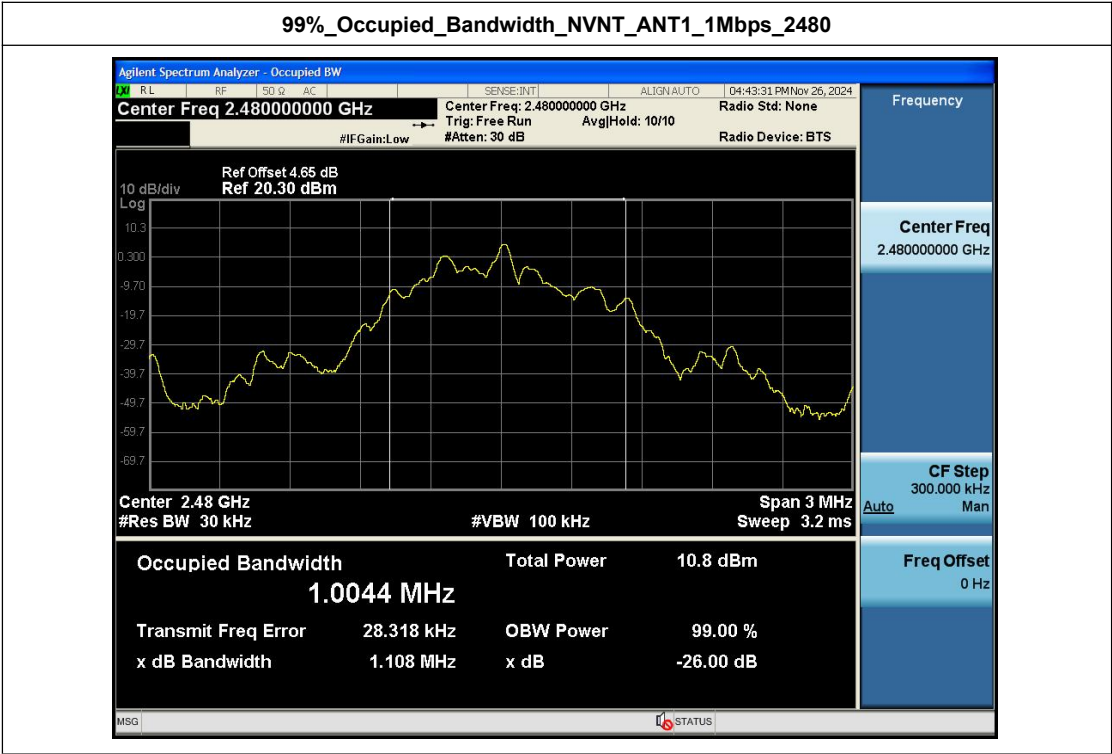
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.027
NVNT	ANT1	1Mbps	2440.00	1.026
NVNT	ANT1	1Mbps	2480.00	1.004





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Tel: (86) 0755-26066440 Email: service@anbotek.com

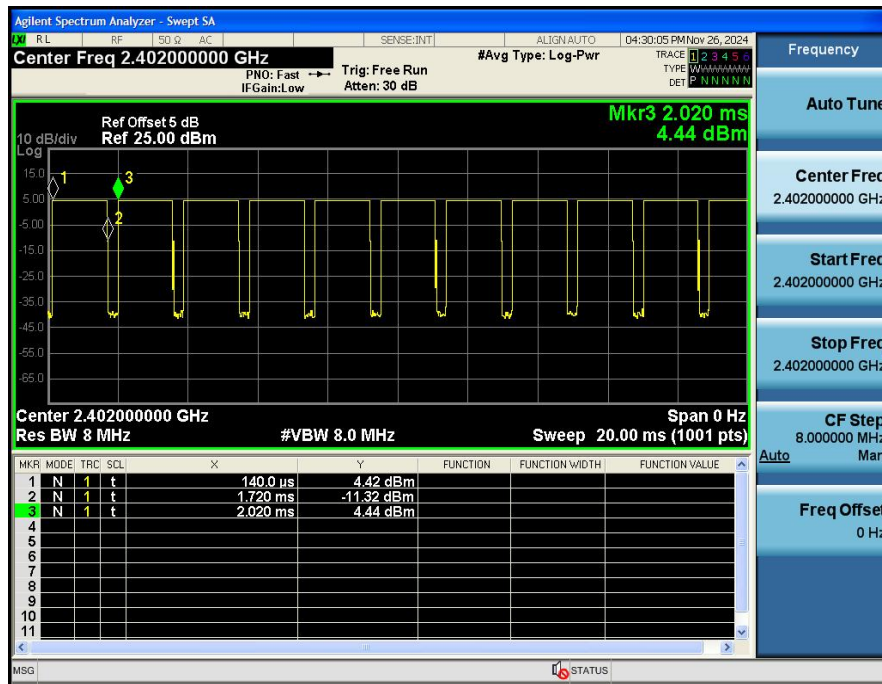
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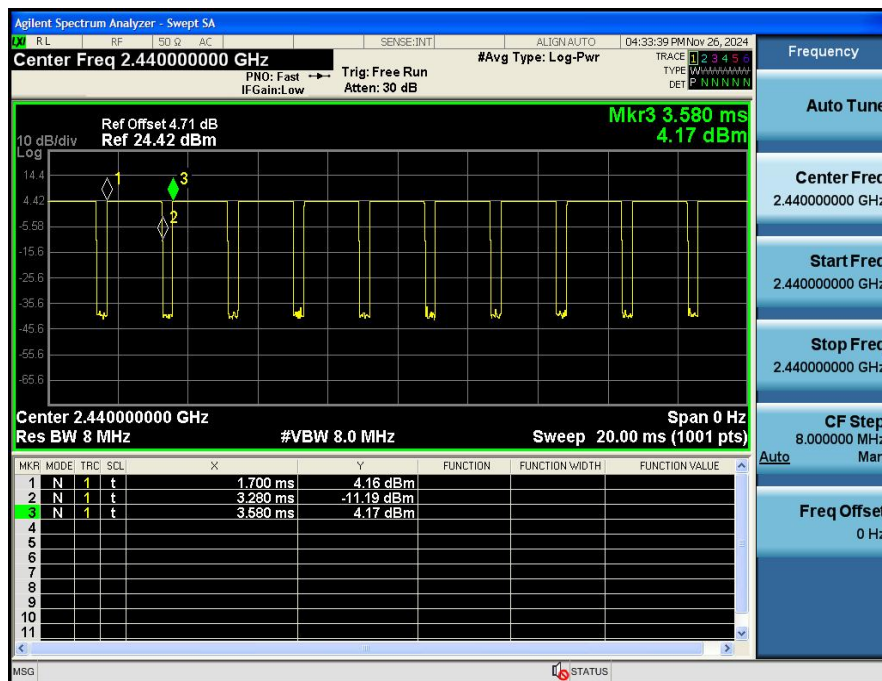
Appendix C: Duty Cycle

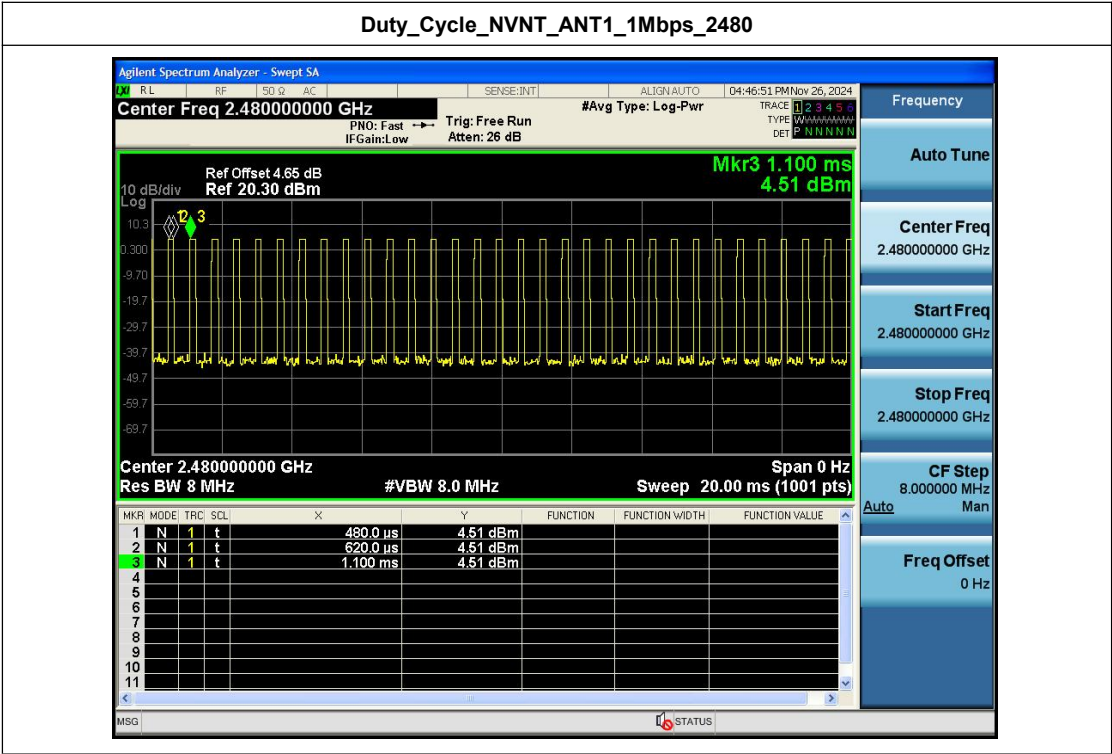
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	84.04	0.76
NVNT	ANT1	1Mbps	2440.00	85.11	0.70
NVNT	ANT1	1Mbps	2480.00	25.81	5.88

Duty_Cycle_NVNT_ANT1_1Mbps_2402



Duty_Cycle_NVNT_ANT1_1Mbps_2440





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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	1Mbps	2402.00	5.69	3.71	1000	Pass
NVNT	ANT1	1Mbps	2440.00	4.63	2.91	1000	Pass
NVNT	ANT1	1Mbps	2480.00	5.21	3.32	1000	Pass

Peak_Output_Power_NVNT_ANT1_1Mbps_2402

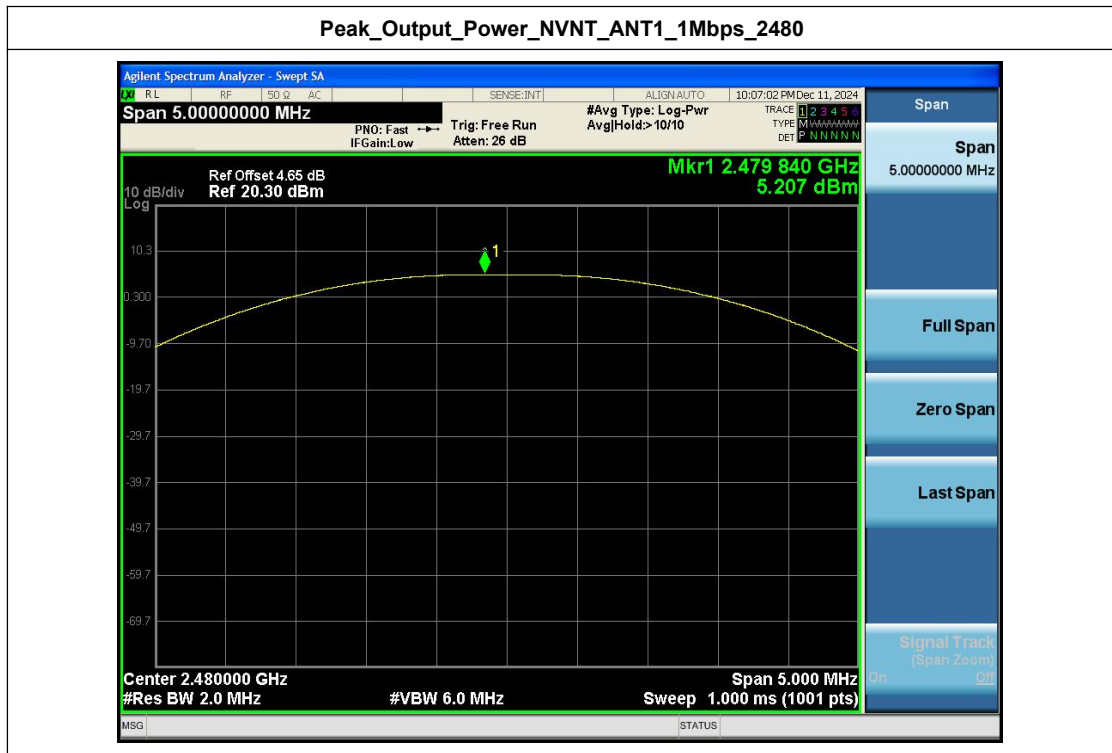


Peak_Output_Power_NVNT_ANT1_1Mbps_2440





Peak_Output_Power_NVNT_ANT1_1Mbps_2480



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Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-5.58	8	Pass
NVNT	ANT1	1Mbps	2440.00	-6.02	8	Pass
NVNT	ANT1	1Mbps	2480.00	-5.21	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402

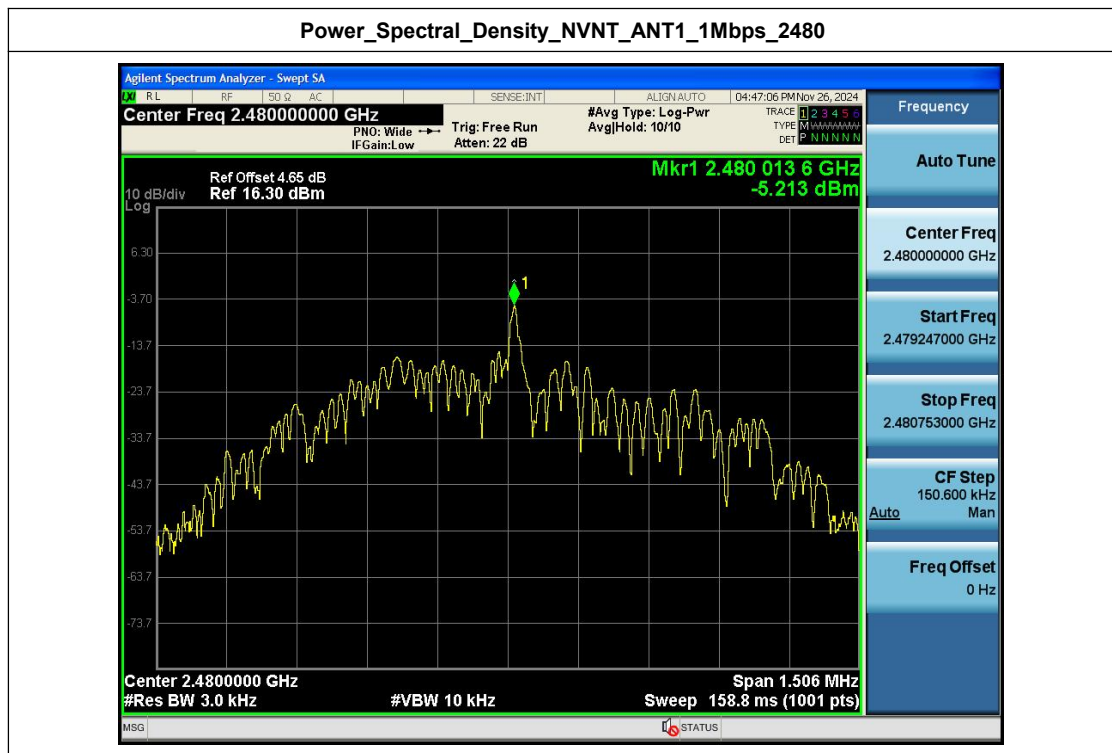


Power_Spectral_Density_NVNT_ANT1_1Mbps_2440





Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



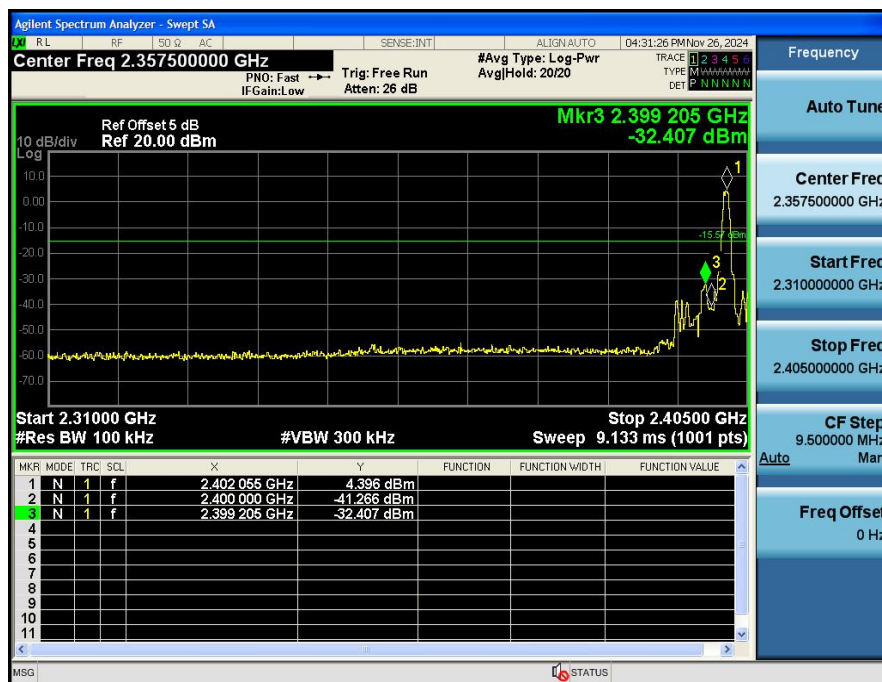
Appendix F: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.205	-32.407	-15.568	Pass
NVNT	ANT1	1Mbps	2480.00	2484.775	-35.854	-15.387	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



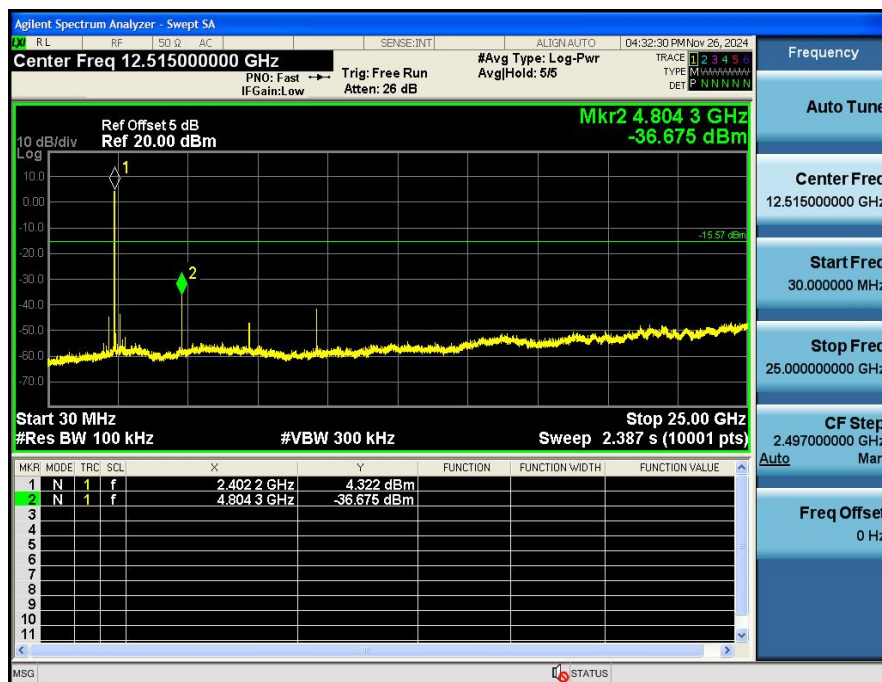
Appendix G: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-36.675	-15.568	Pass
NVNT	ANT1	1Mbps	2440.00	-38.575	-15.846	Pass
NVNT	ANT1	1Mbps	2480.00	-36.561	-15.387	Pass

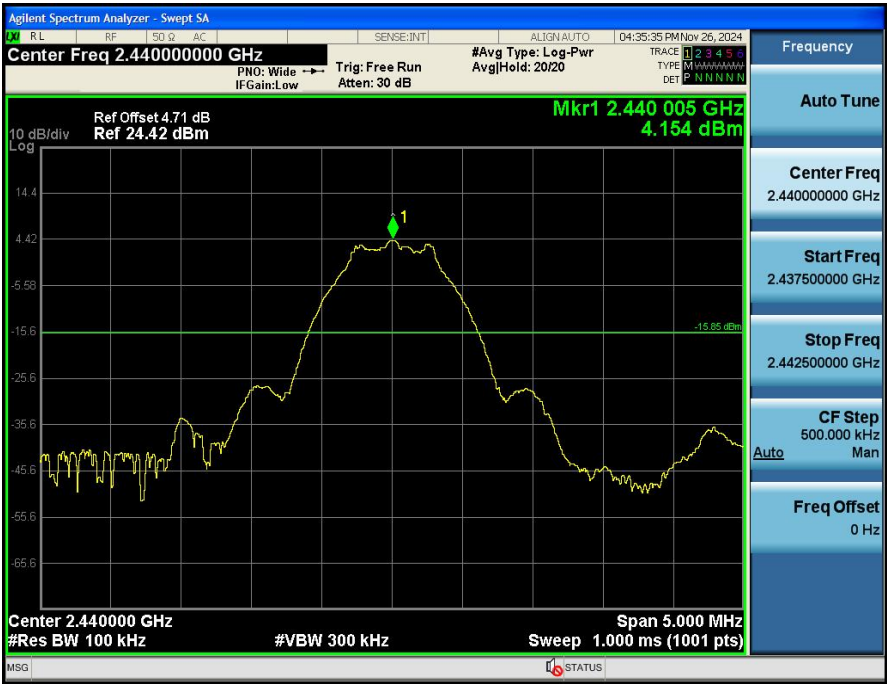
1_Reference_Level_NVNT_ANT1_1Mbps_2402



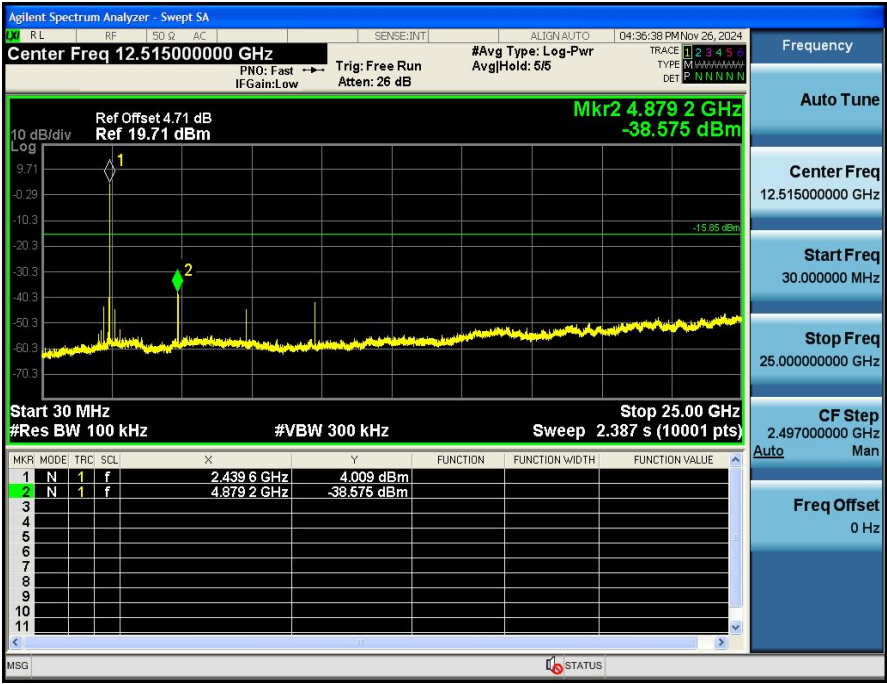
2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



