

Appendix Test Data

Report No.:	1811C60108216201	Test Sample No.:	1-2-2
Start Test Date:	2026-03-16	Finish Test Date:	2026-03-16
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	45%
Pressure:	101kPa		

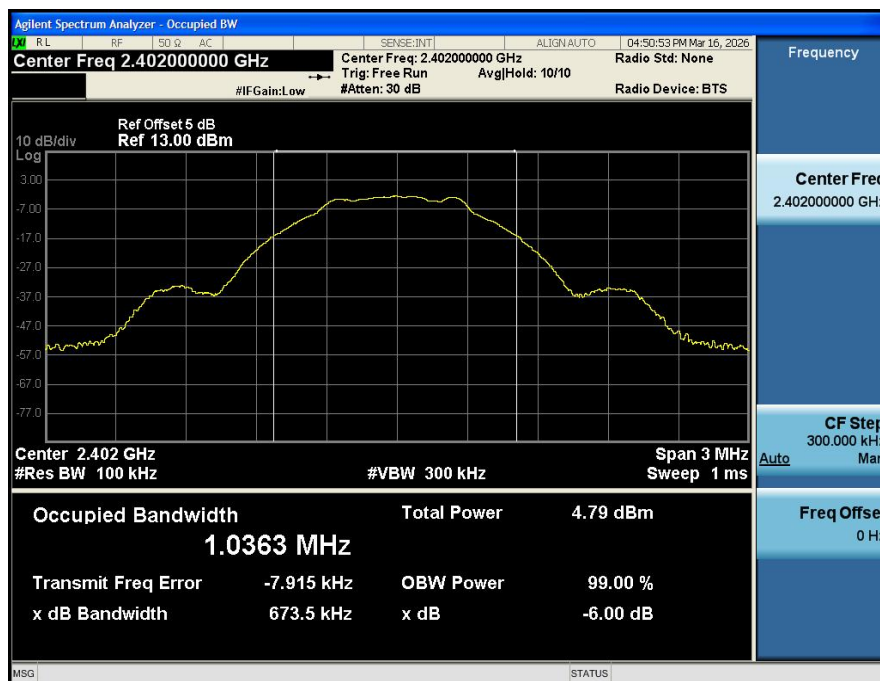


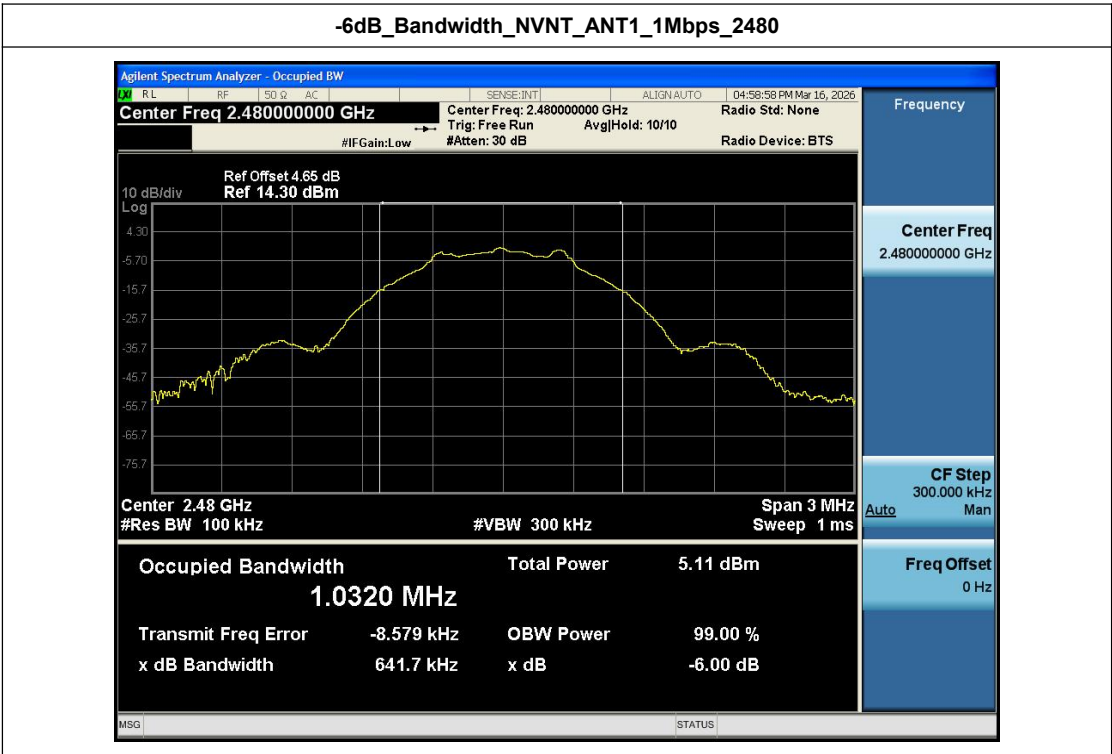
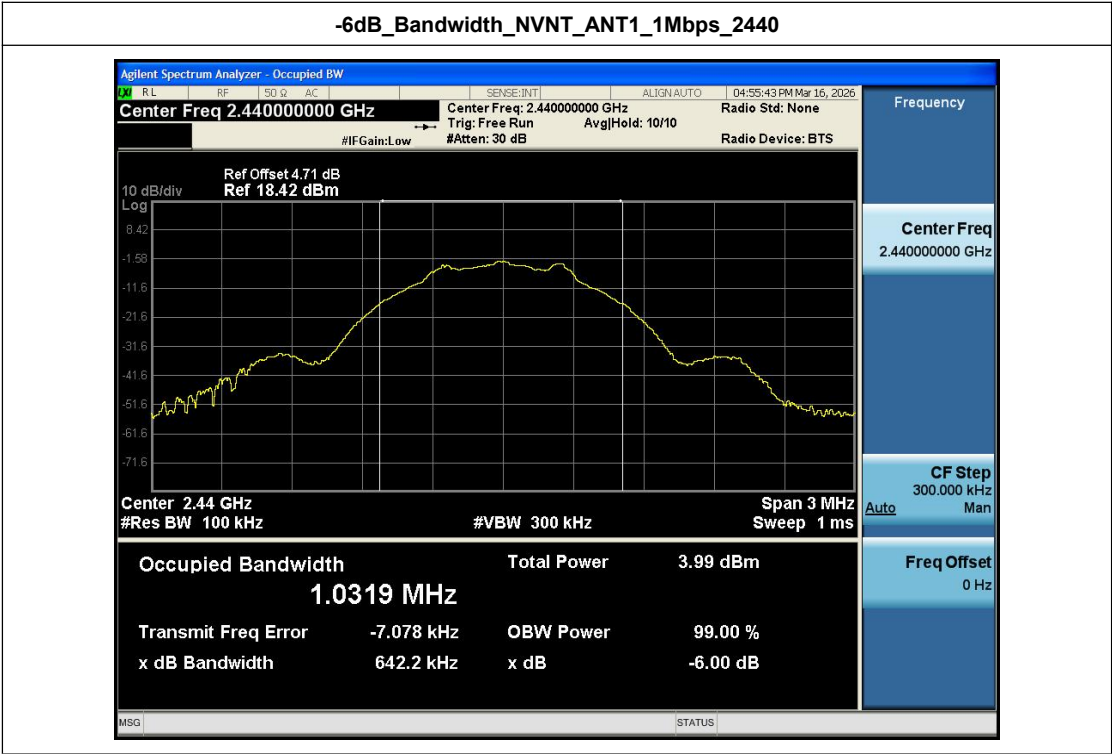
Appendix A: -6dB Bandwidth

Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	673.54	500	Pass
NVNT	ANT1	1Mbps	2440.00	642.15	500	Pass
NVNT	ANT1	1Mbps	2480.00	641.72	500	Pass

-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402

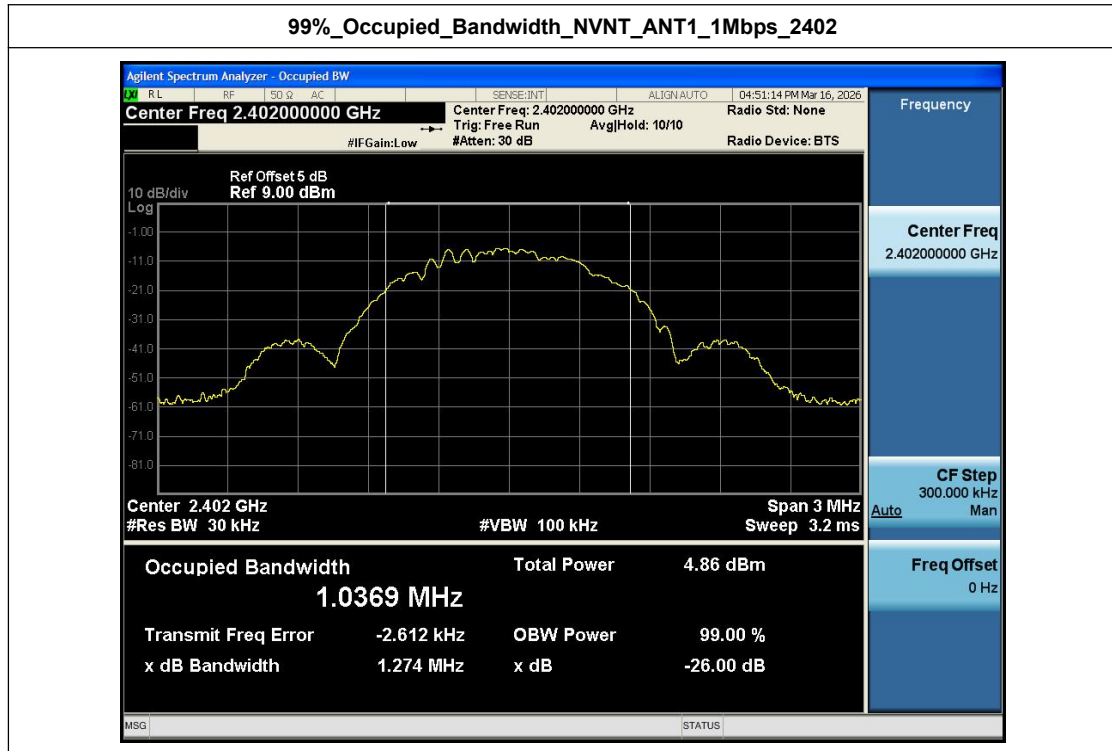


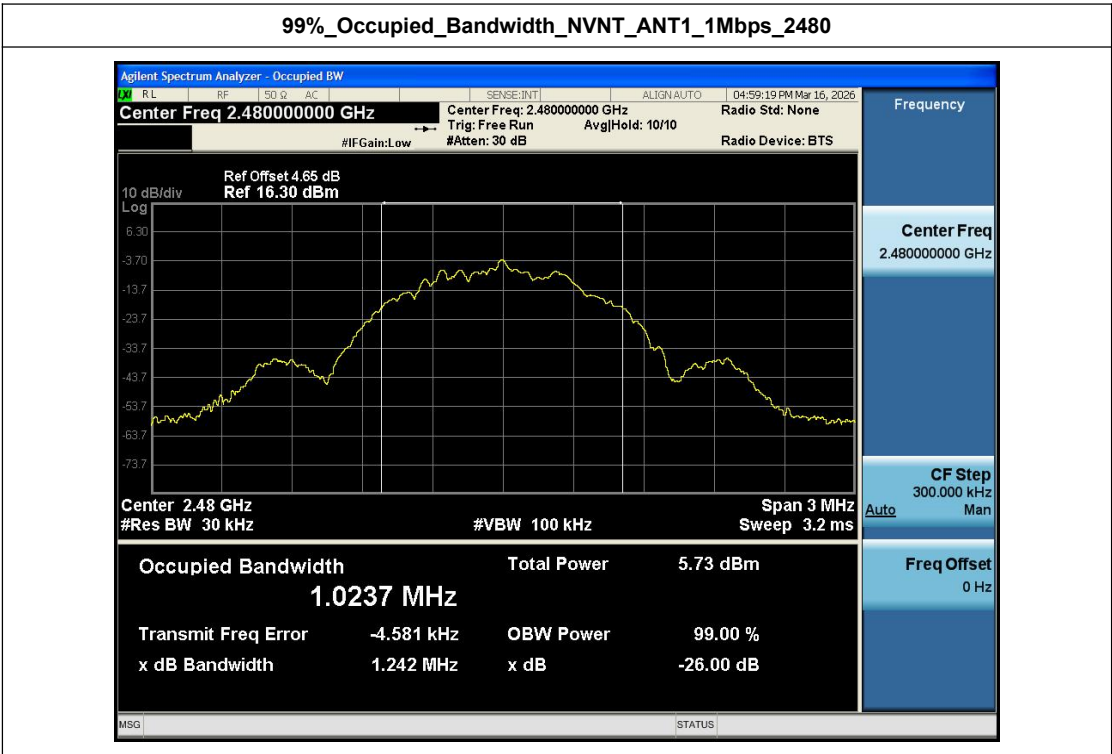
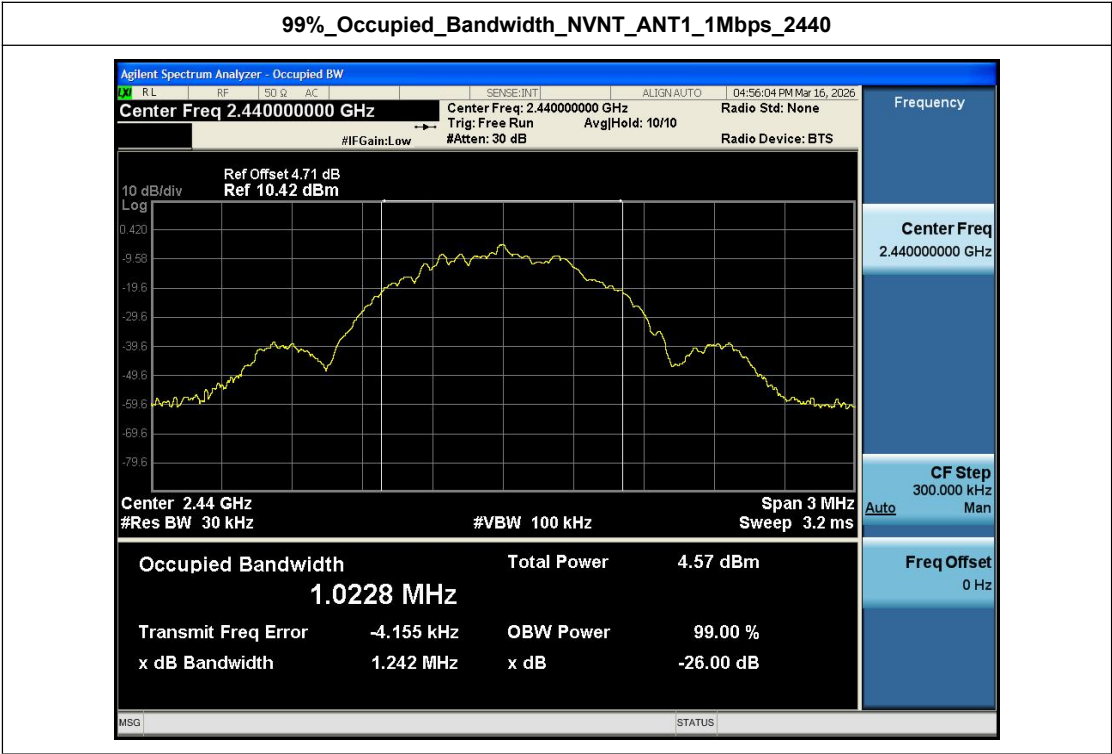


Appendix B: 99% Occupied Bandwidth

Test Result

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.037
NVNT	ANT1	1Mbps	2440.00	1.023
NVNT	ANT1	1Mbps	2480.00	1.024

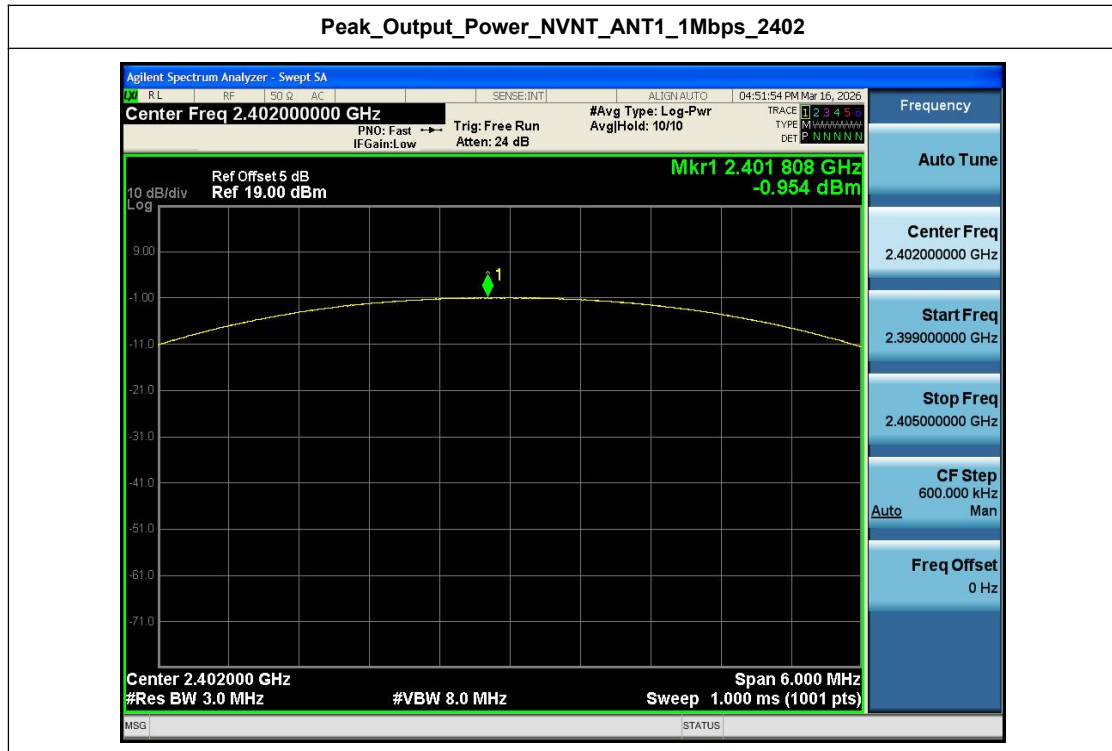




Appendix C: Maximum conducted output power

Test Result Peak

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.95	0.80	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.61	0.69	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-0.70	0.85	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



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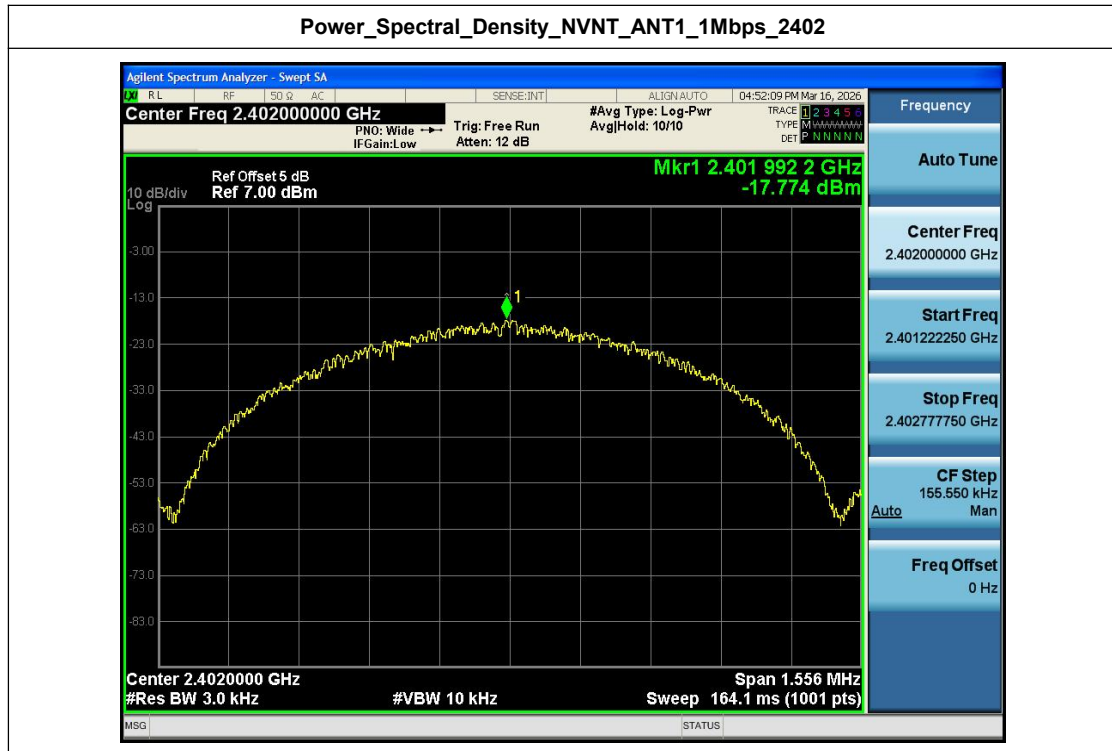
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Appendix D: Maximum power spectral density

Test Result

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-17.77	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.04	8	Pass
NVNT	ANT1	1Mbps	2480.00	-16.17	8	Pass



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



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Appendix E: Band edge measurements

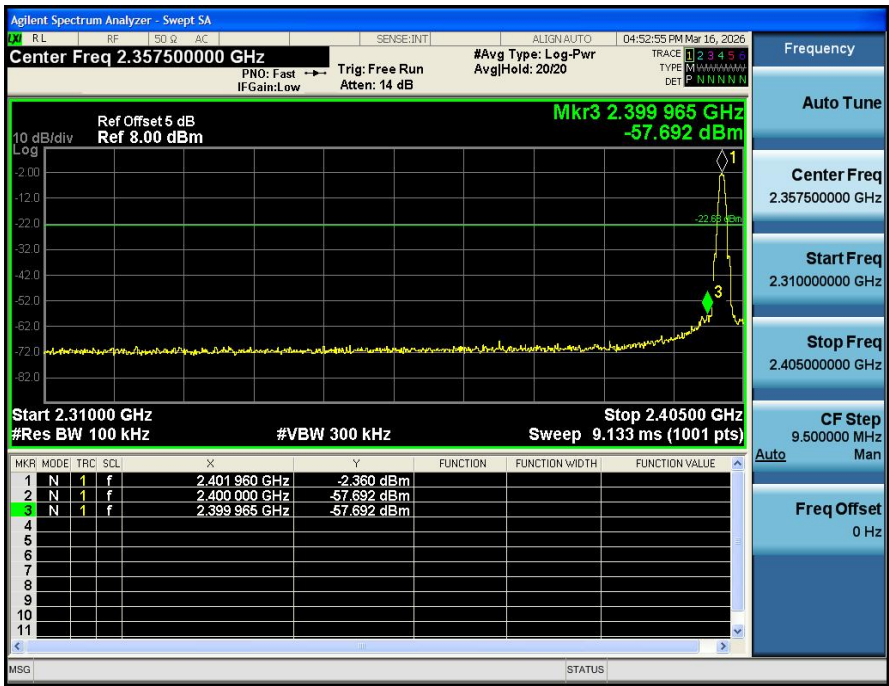
Test Result

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-2.684	-57.692	-22.684	Pass
NVNT	ANT1	1Mbps	2480.00	2484.400	-1.117	-60.966	-21.117	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



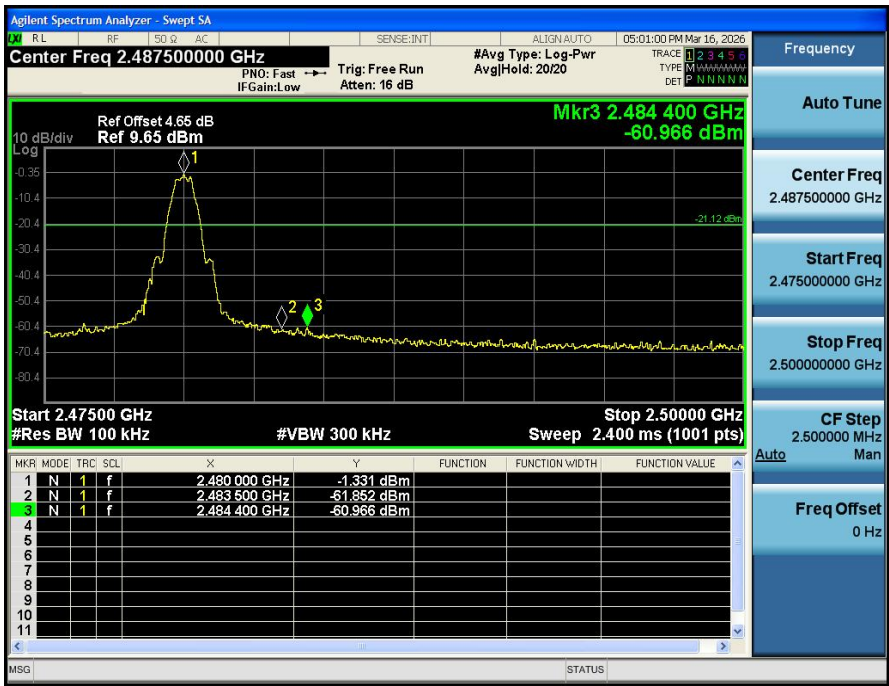
2_Bandedge_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



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Appendix F: Conducted Spurious Emission

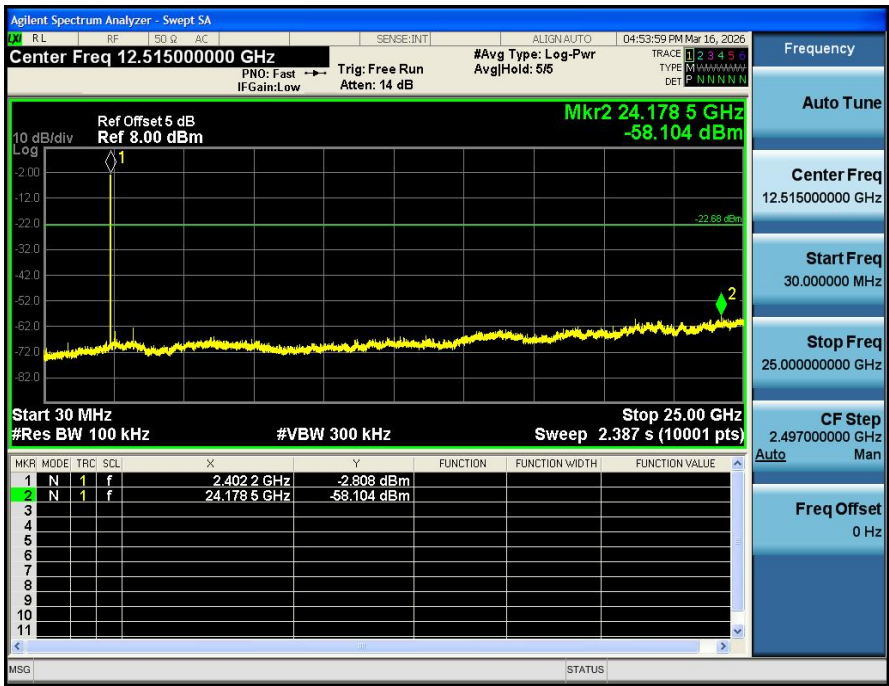
Test Result

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-2.684	-58.104	-22.684	Pass
NVNT	ANT1	1Mbps	2440.00	-2.010	-51.739	-22.010	Pass
NVNT	ANT1	1Mbps	2480.00	-1.117	-56.491	-21.117	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



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1_Reference_Level_NVNT_ANT1_1Mbps_2480



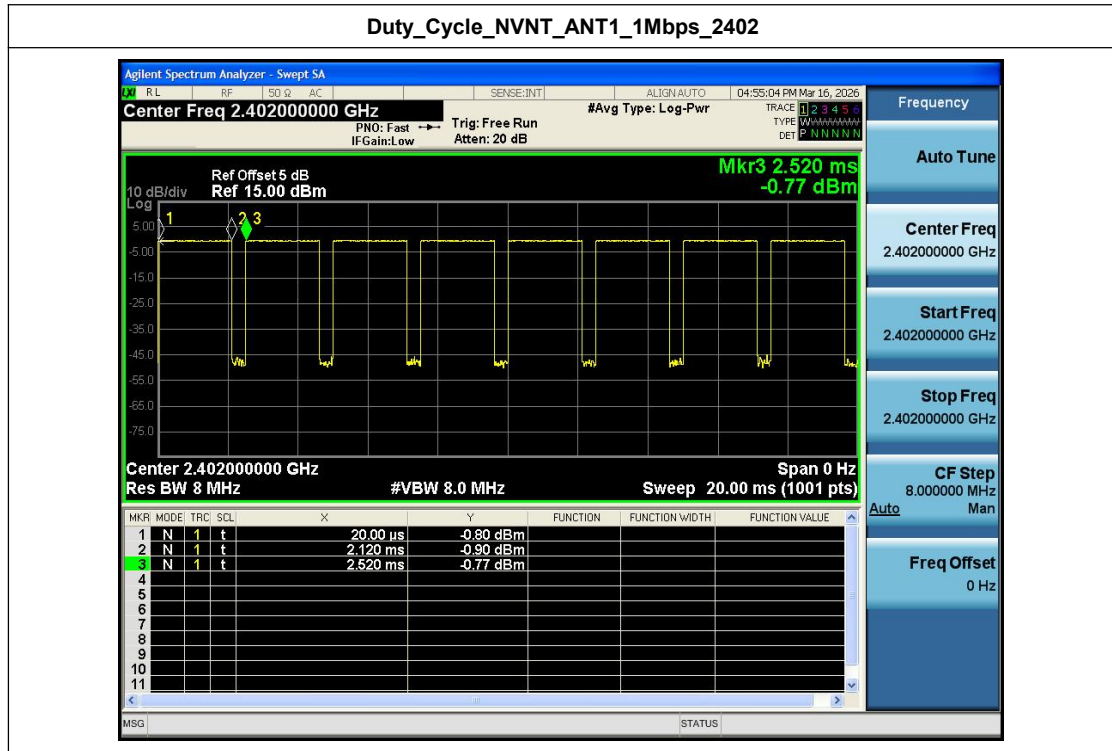
2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

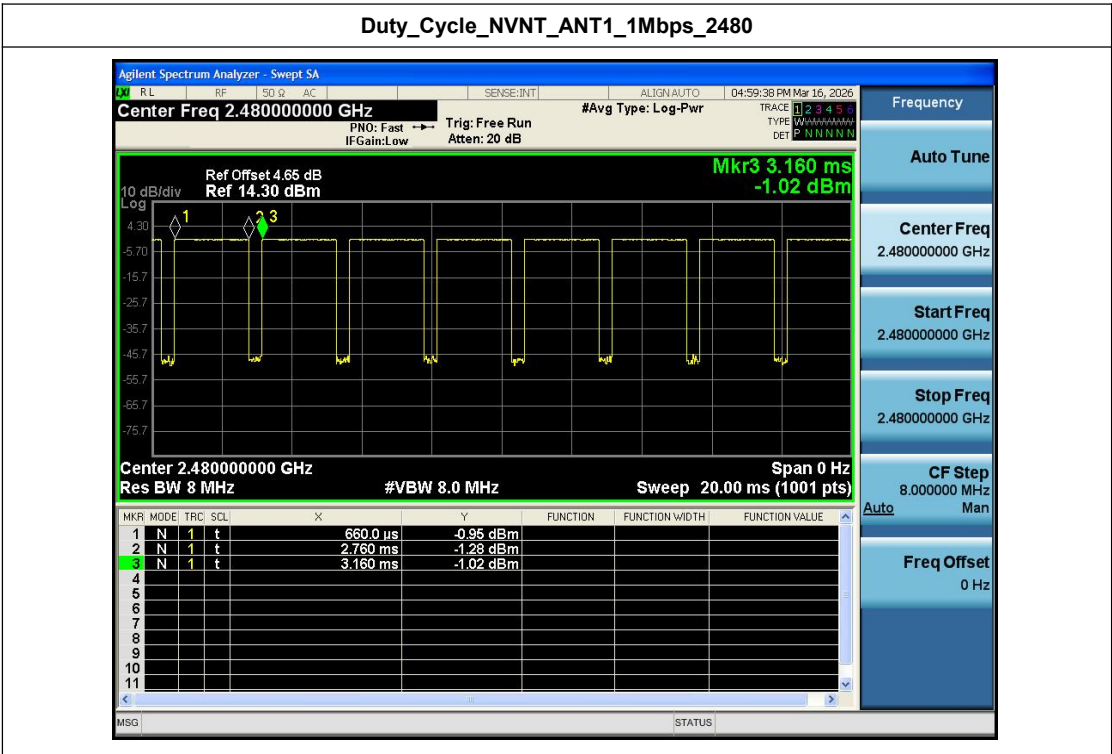
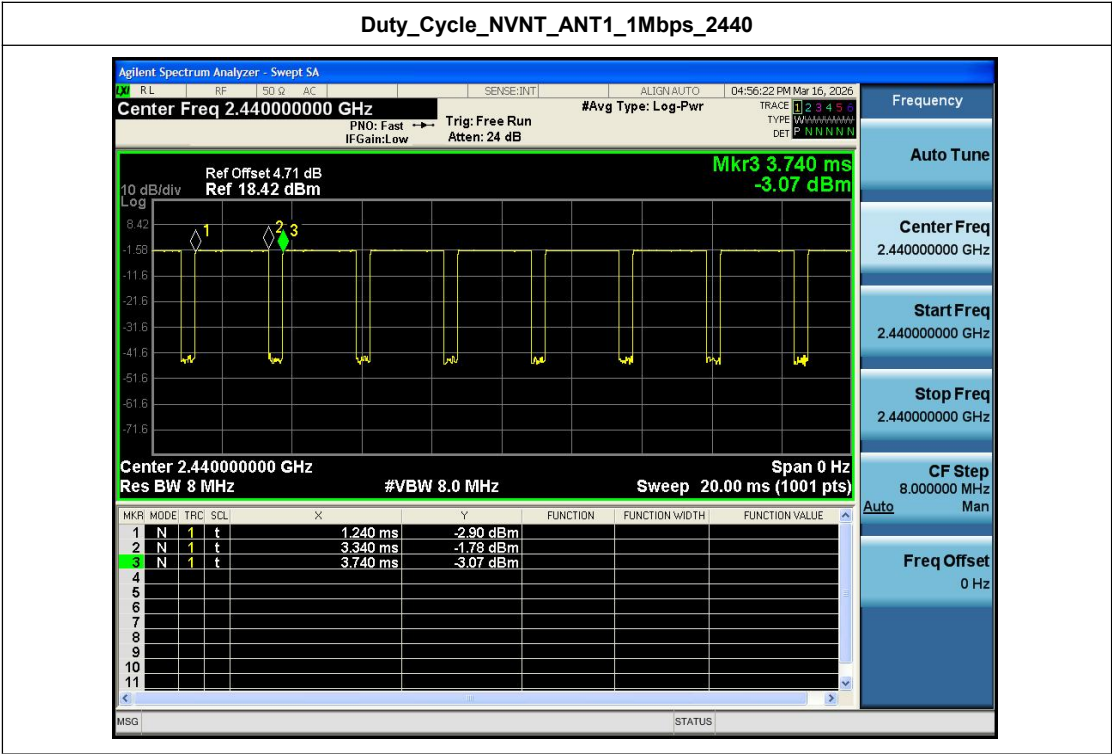


Appendix G: Duty Cycle

Test Result

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	84.00	0.76
NVNT	ANT1	1Mbps	2440.00	84.80	0.72
NVNT	ANT1	1Mbps	2480.00	84.80	0.72





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