

Appendix Test Data

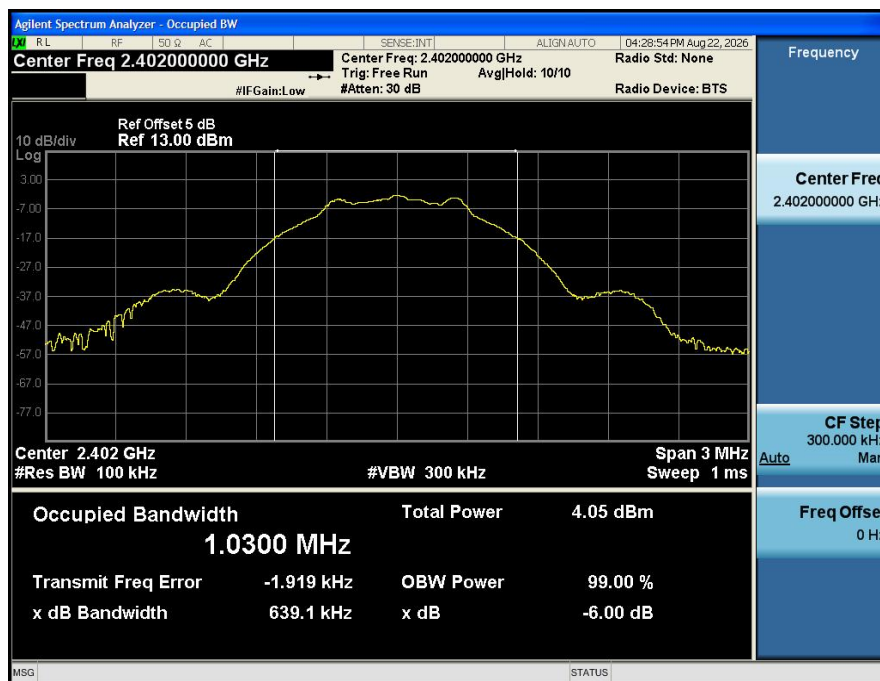
Report No.:	1811C60409616201	Test Sample No.:	1-2-2
Start Test Date:	2026-08-22	Finish Test Date:	2026-08-22
Test Engineer:	Chengyu Chen	Auditor:	Steele Kam
Temperature:	25.5°C	Relative Humidity:	47%
Pressure:	101kPa		

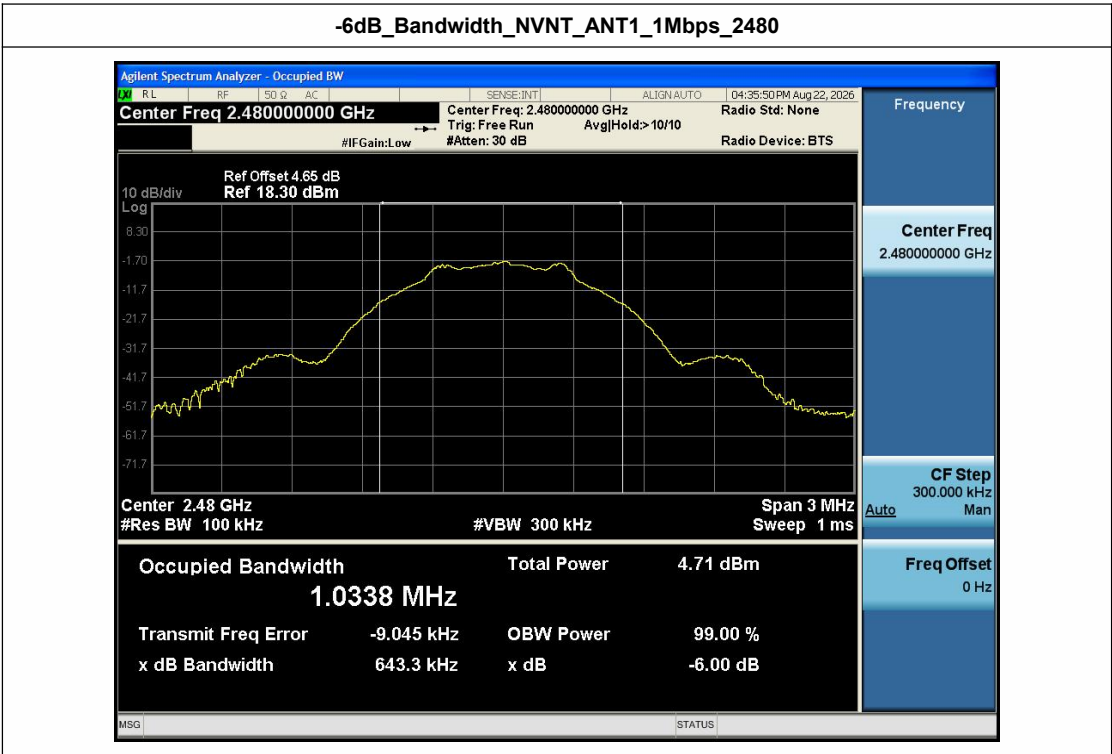
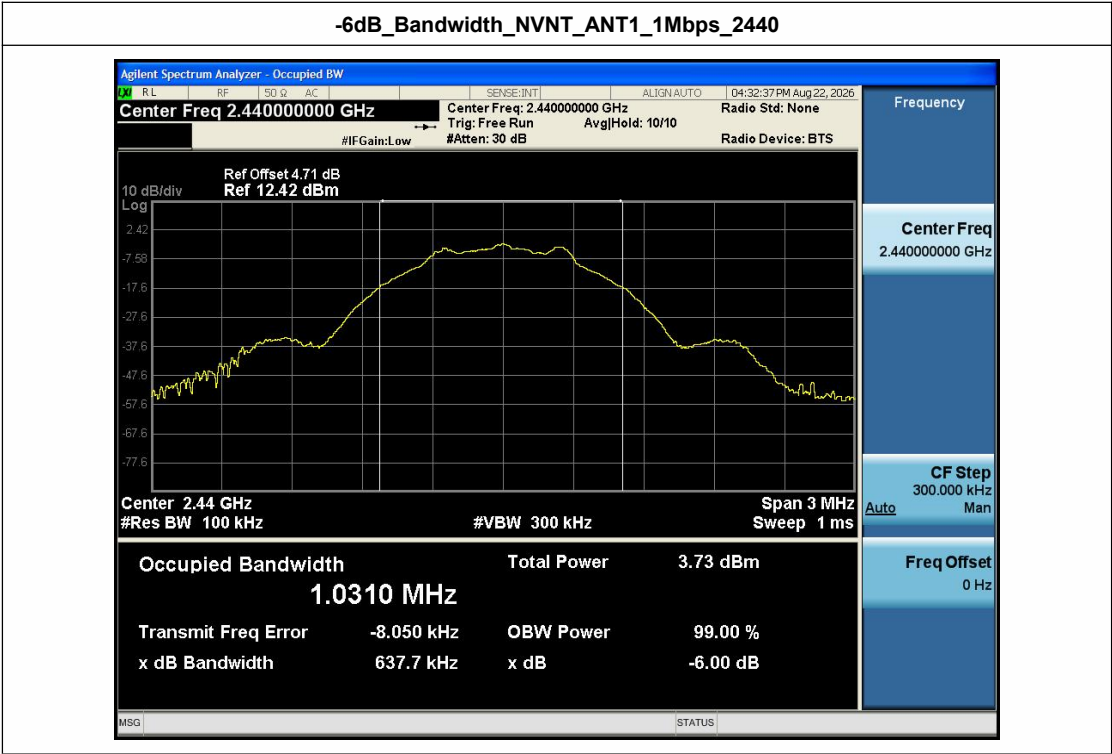
Appendix A: -6dB Bandwidth

Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	639.13	500	Pass
NVNT	ANT1	1Mbps	2440.00	637.73	500	Pass
NVNT	ANT1	1Mbps	2480.00	643.28	500	Pass

-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402





Appendix B: 99% Occupied Bandwidth

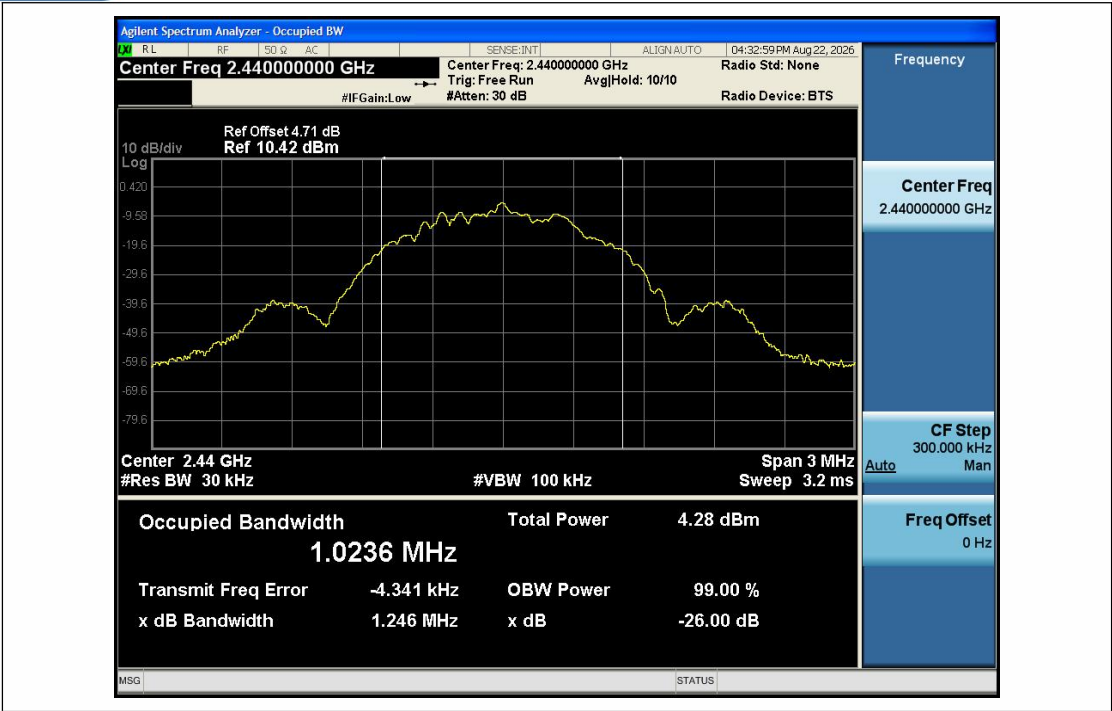
Test Result

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.024
NVNT	ANT1	1Mbps	2440.00	1.024
NVNT	ANT1	1Mbps	2480.00	1.025

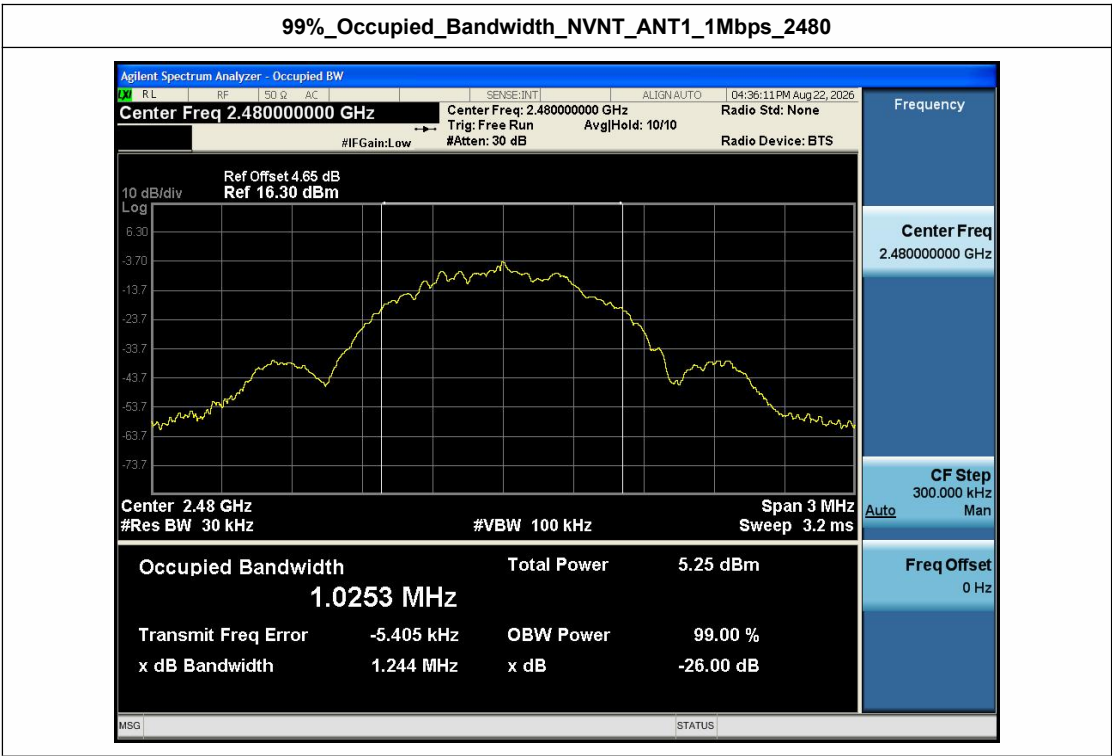
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480



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	-1.69	0.68	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.94	0.64	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.25	0.75	1000	Pass

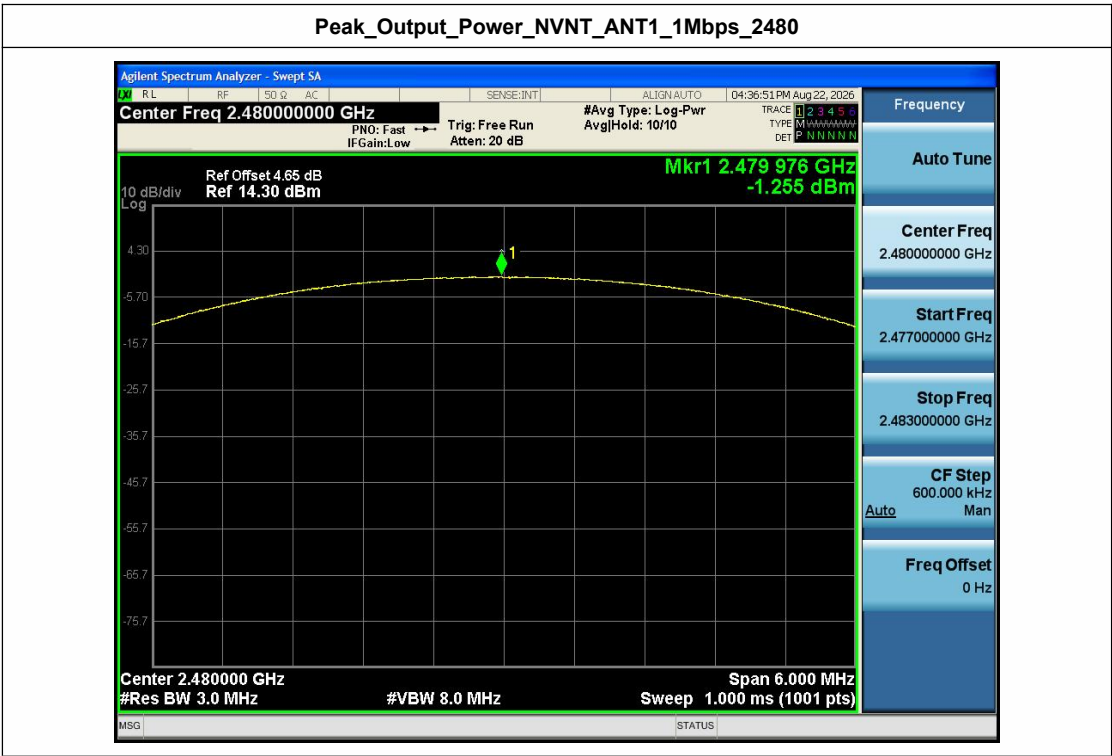
Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Appendix D: Maximum power spectral density

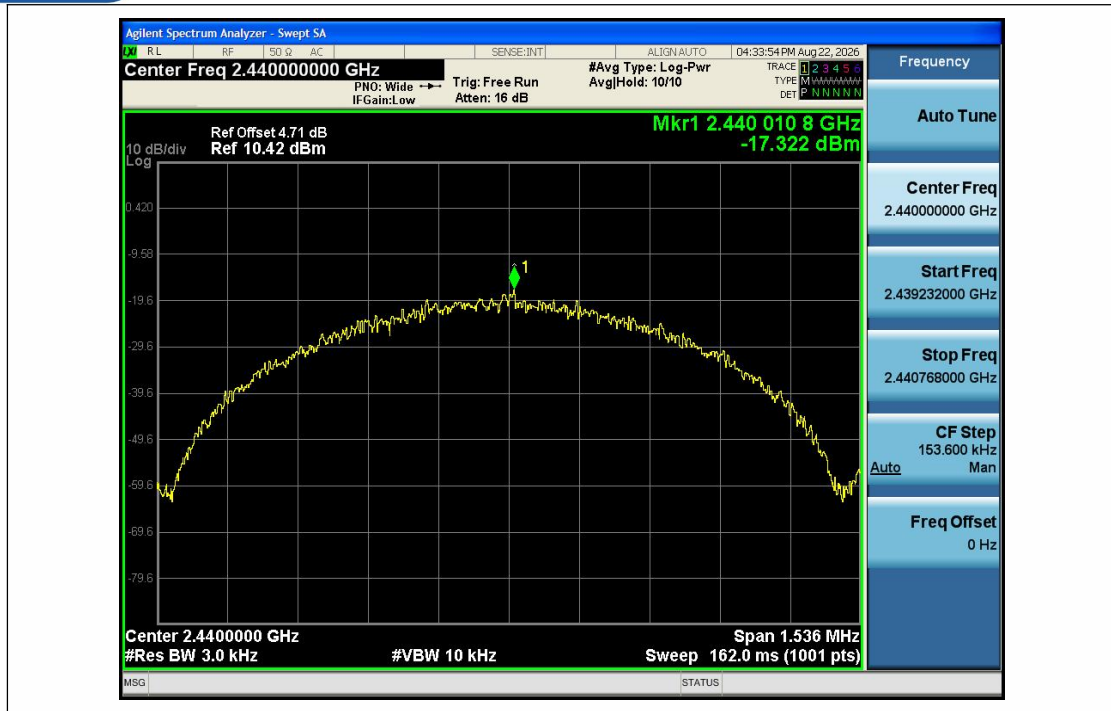
Test Result

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-17.05	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.32	8	Pass
NVNT	ANT1	1Mbps	2480.00	-17.93	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



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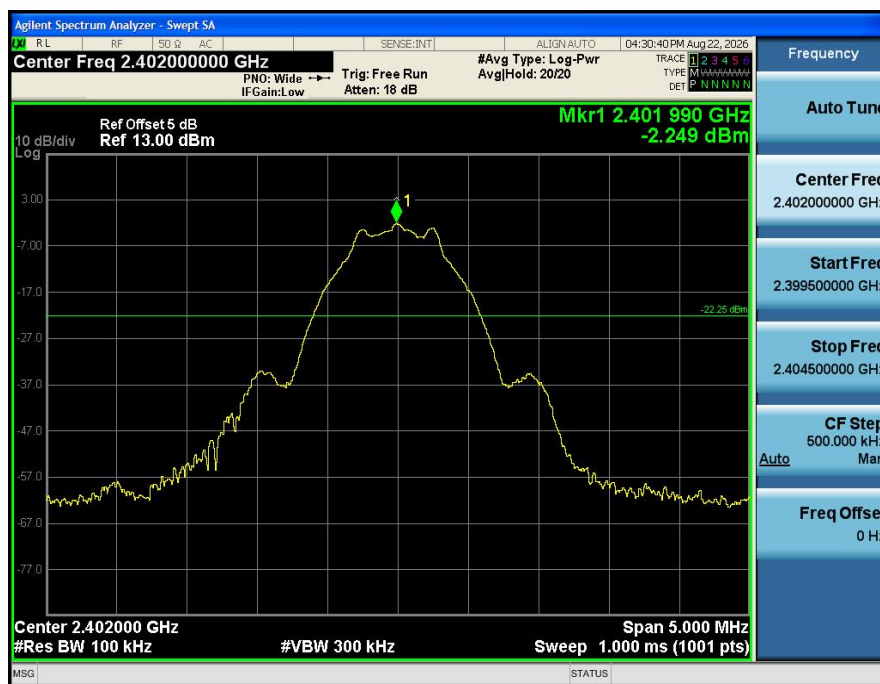
Hotline: 400-003-0500 web: www.anbowtek.com E-mail: service@anbotech.com

Appendix E: Band edge measurements

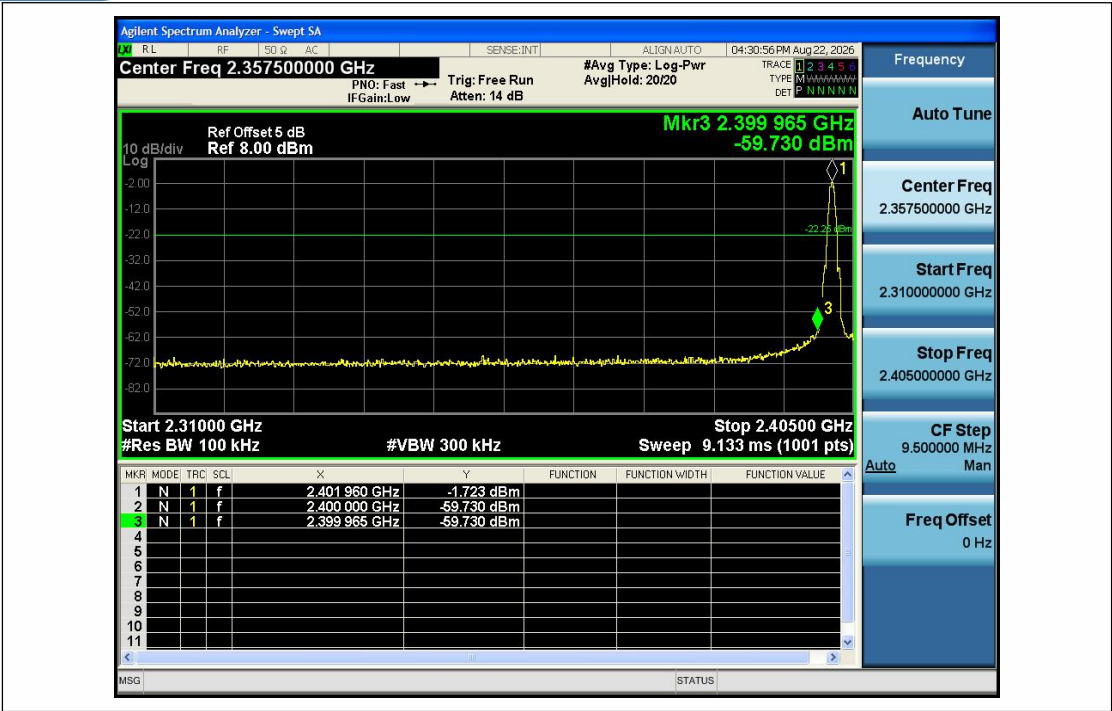
Test Result

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	-2.249	-59.730	-22.249	Pass
NVNT	ANT1	1Mbps	2480.00	2485.550	-2.473	-61.969	-22.473	Pass

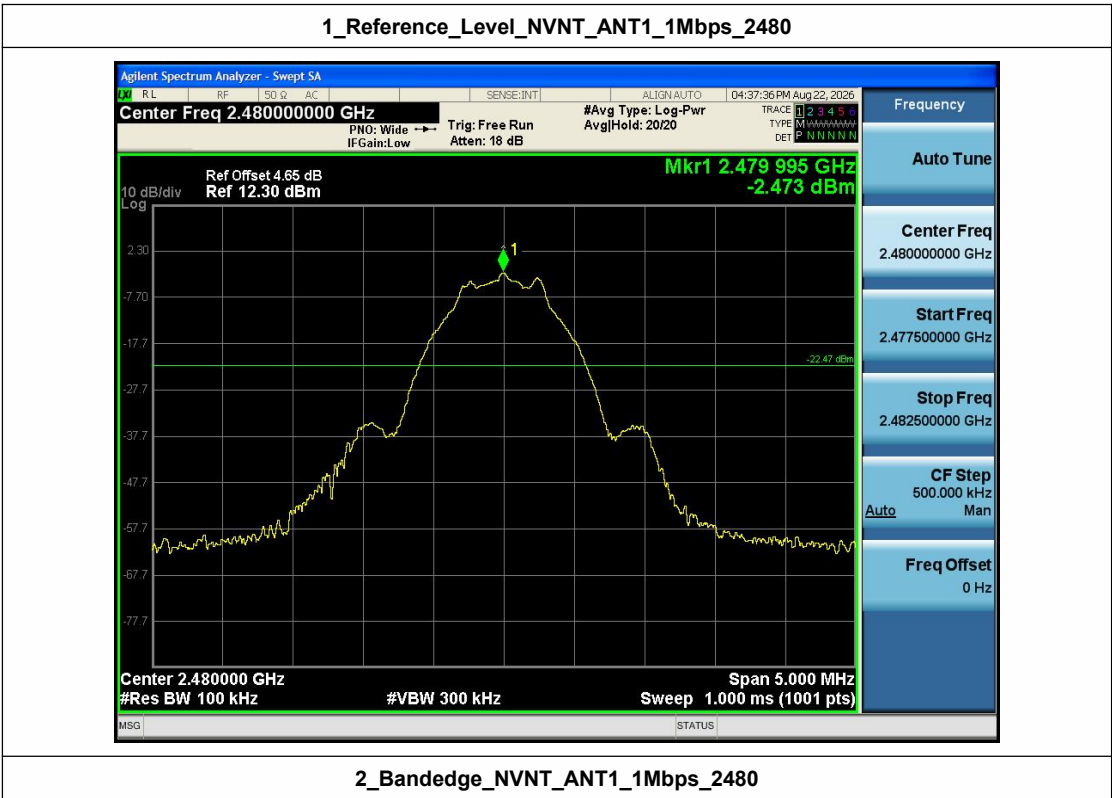
1_Reference_Level_NVNT_ANT1_1Mbps_2402



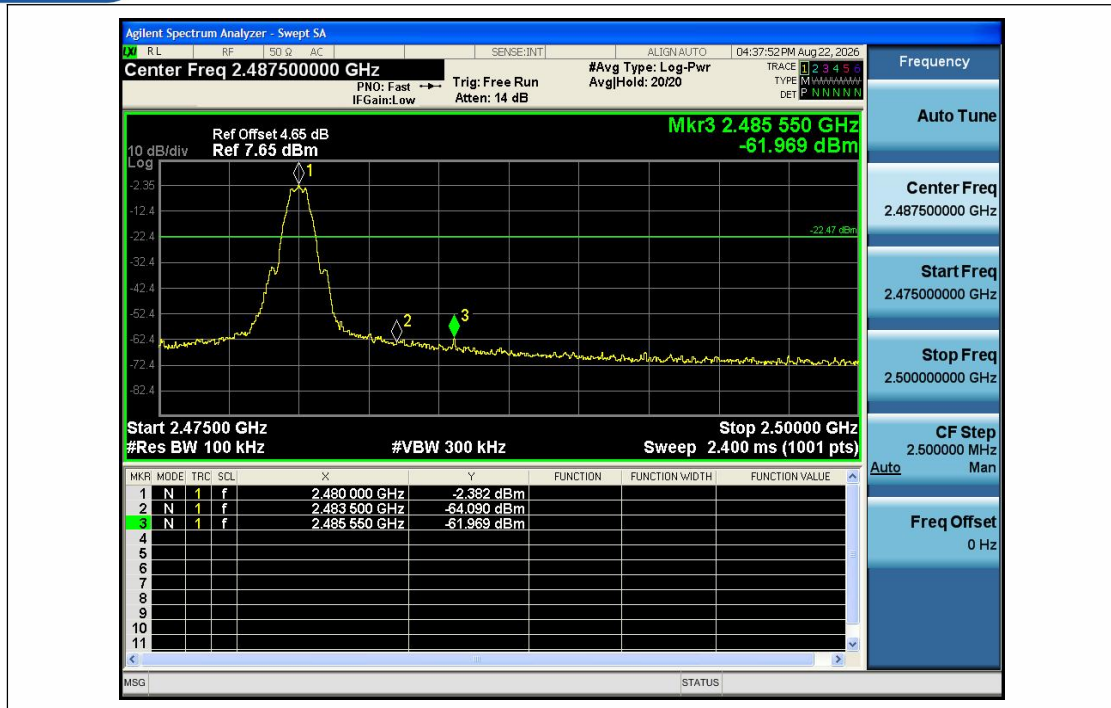
2_Bandedge_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



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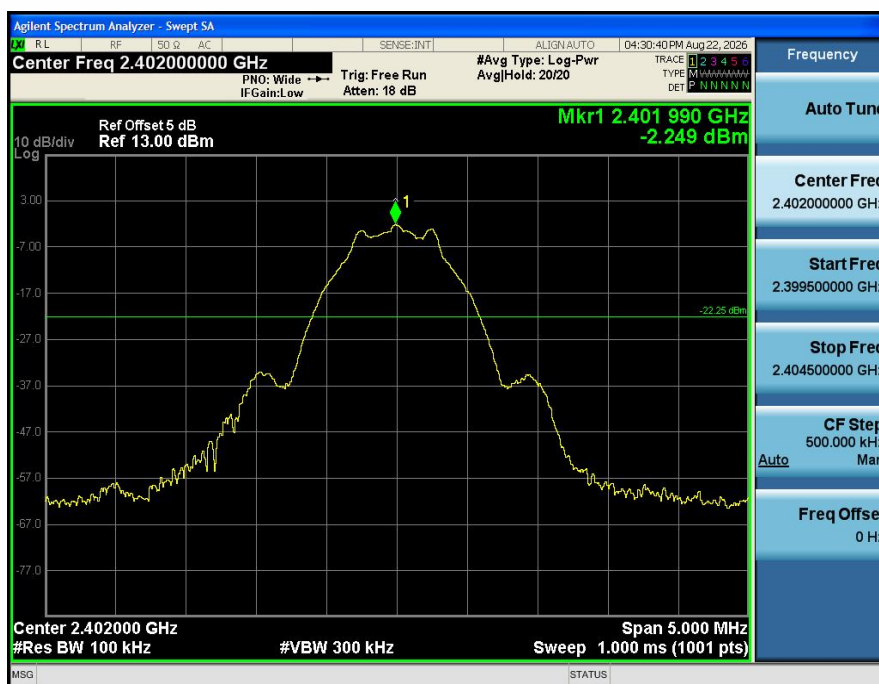
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Appendix F: Conducted Spurious Emission

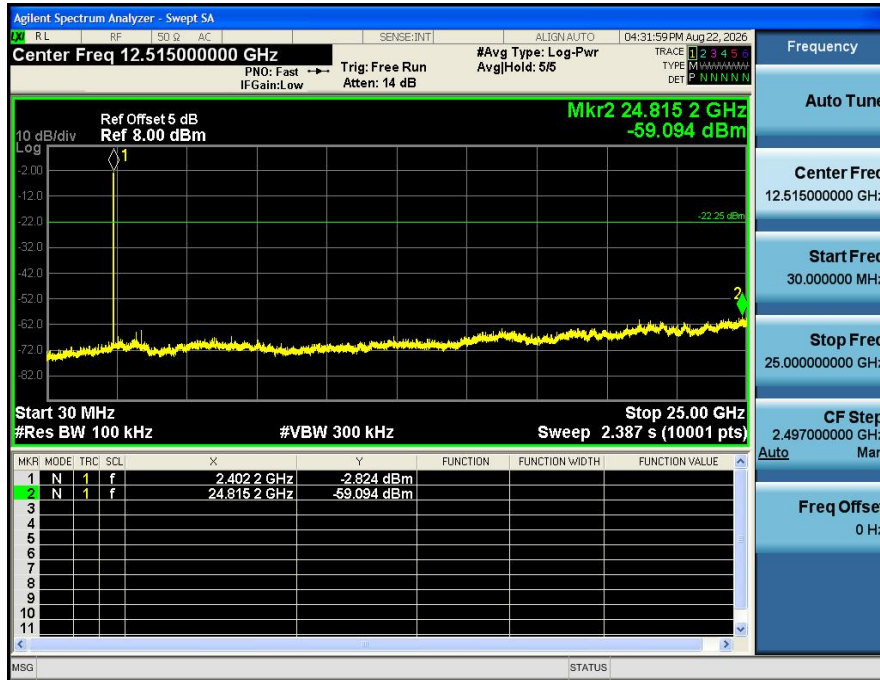
Test Result

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-2.249	-59.094	-22.249	Pass
NVNT	ANT1	1Mbps	2440.00	-2.801	-59.135	-22.801	Pass
NVNT	ANT1	1Mbps	2480.00	-2.473	-59.142	-22.473	Pass

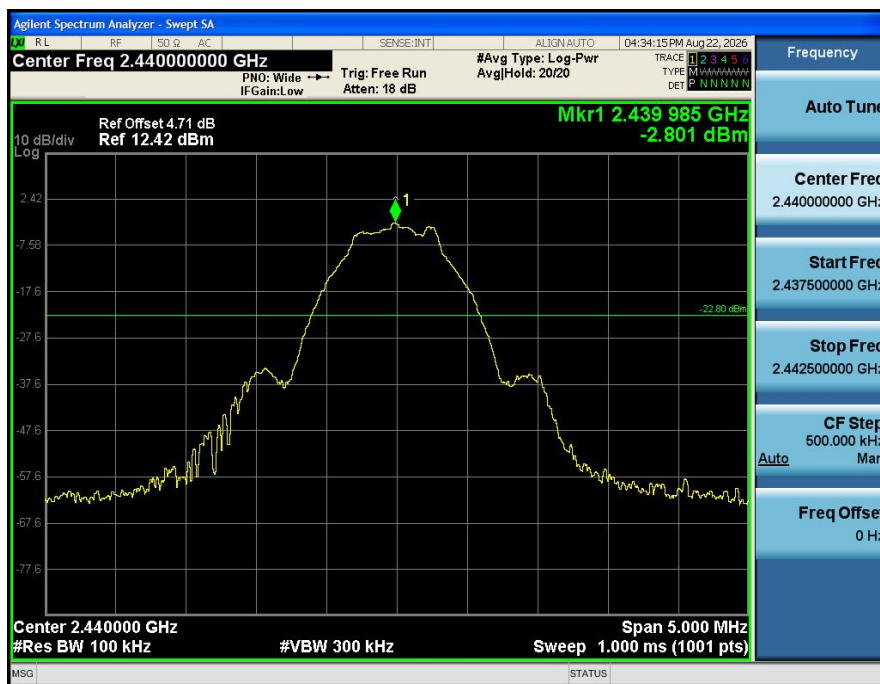
1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



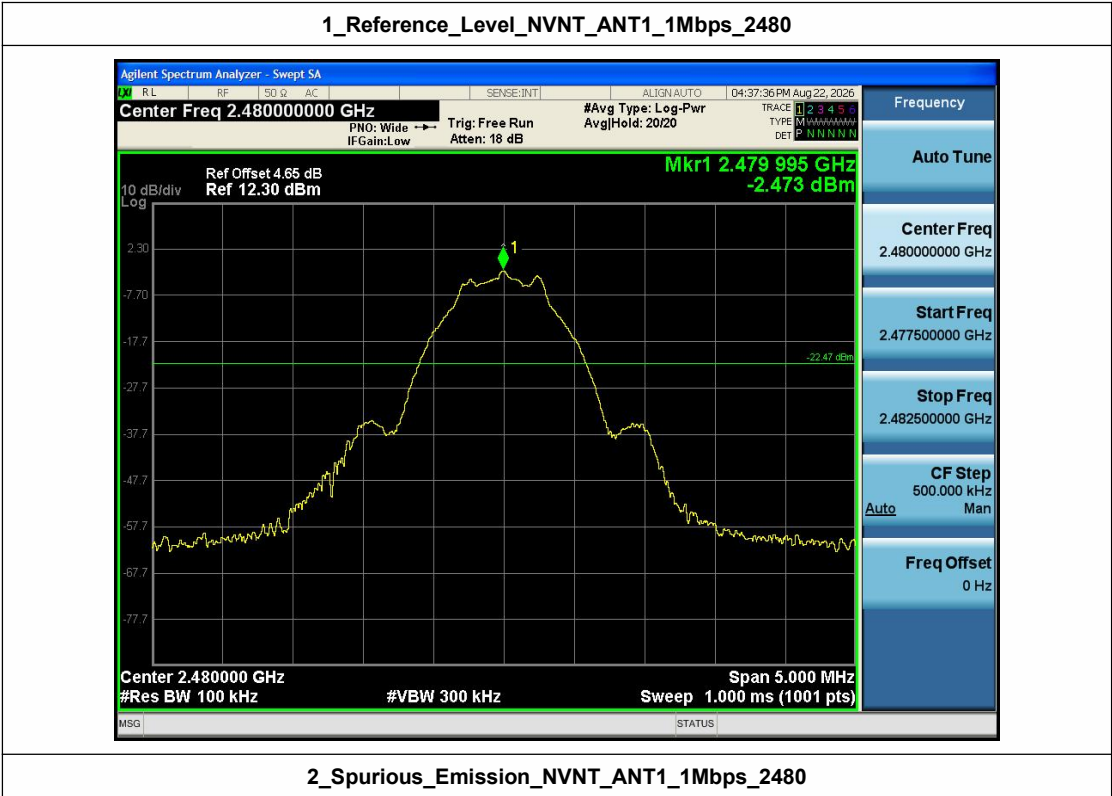
1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

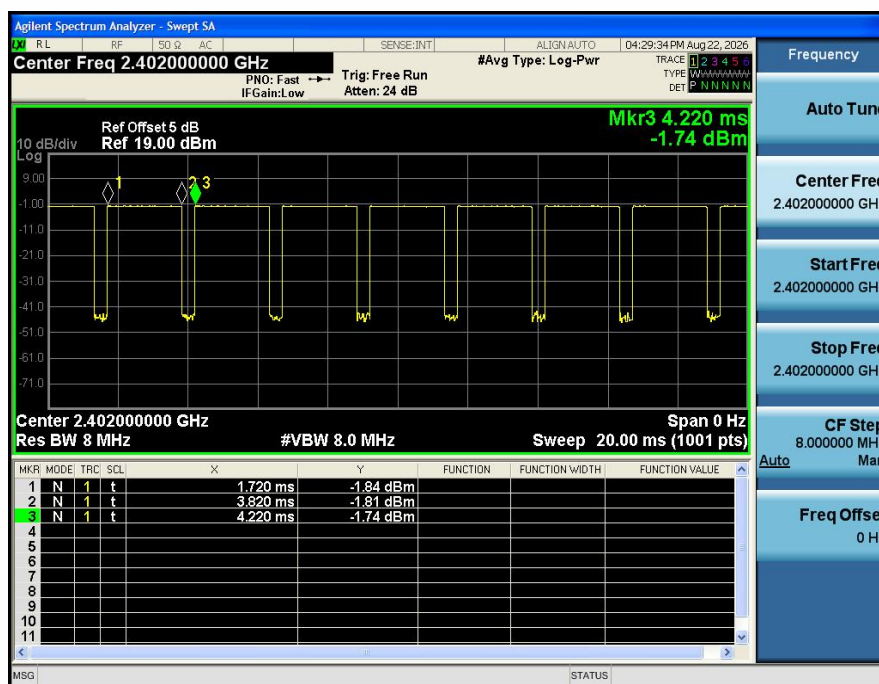
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Appendix G: Duty Cycle

Test Result

Condition	Antenna	Rate	Frequency (MHz)	T _{on} (ms)	T _{off} (ms)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	2.1	0.4	84.00	0.72
NVNT	ANT1	1Mbps	2440.00	2.1	0.4	84.00	0.72
NVNT	ANT1	1Mbps	2480.00	2.08	0.42	83.20	0.72

Duty_Cycle_NVNT_ANT1_1Mbps_2402



Duty_Cycle_NVNT_ANT1_1Mbps_2440

