

Appendix Test Data

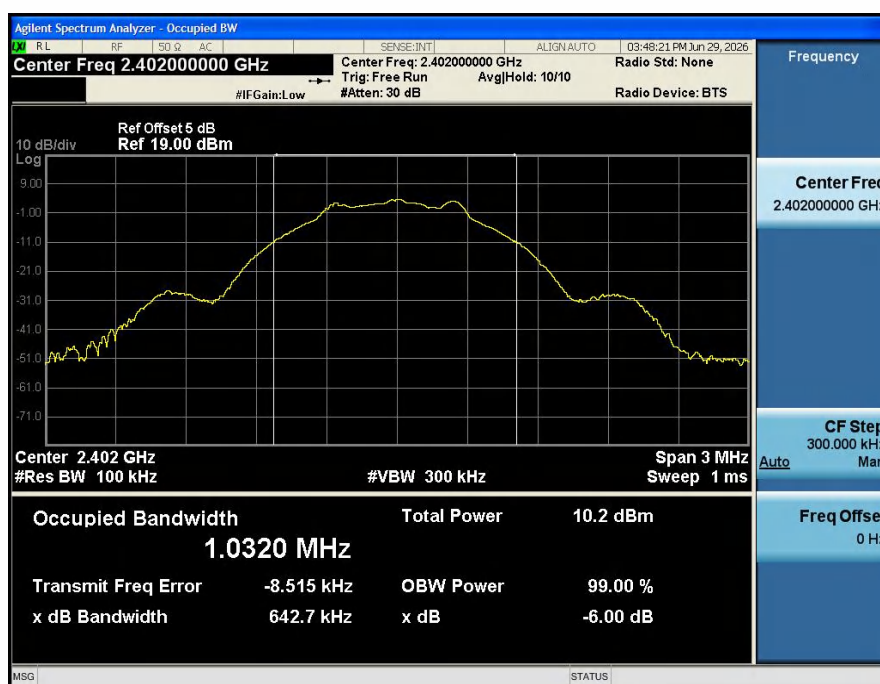
Report No.:	1811C60271916201	Test Sample No.:	1-2-2
Start Test Date:	2026-06-29	Finish Test Date:	2026-06-29
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	45%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

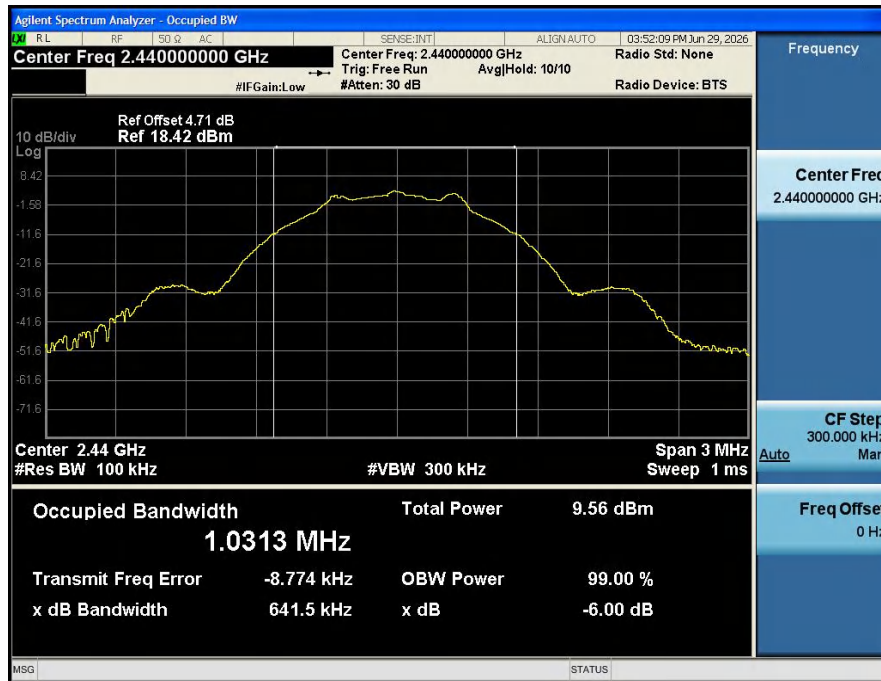
Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	642.70	500	Pass
NVNT	ANT1	1Mbps	2440.00	641.49	500	Pass
NVNT	ANT1	1Mbps	2480.00	643.17	500	Pass
NVNT	ANT1	2Mbps	2402.00	1118.40	500	Pass
NVNT	ANT1	2Mbps	2440.00	1119.68	500	Pass
NVNT	ANT1	2Mbps	2480.00	1118.80	500	Pass

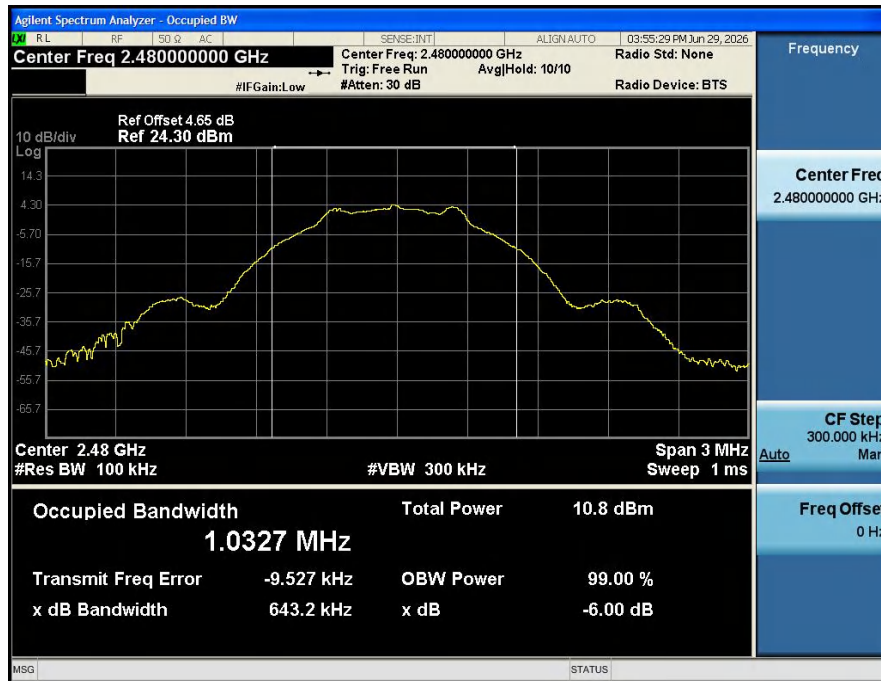
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402



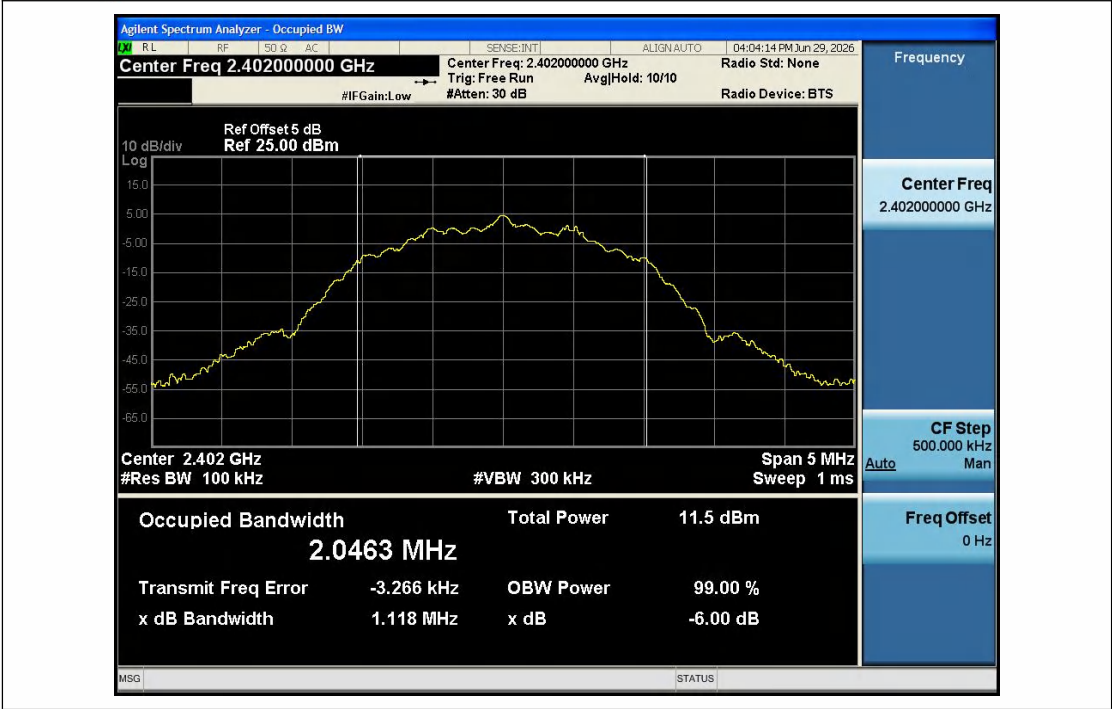
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



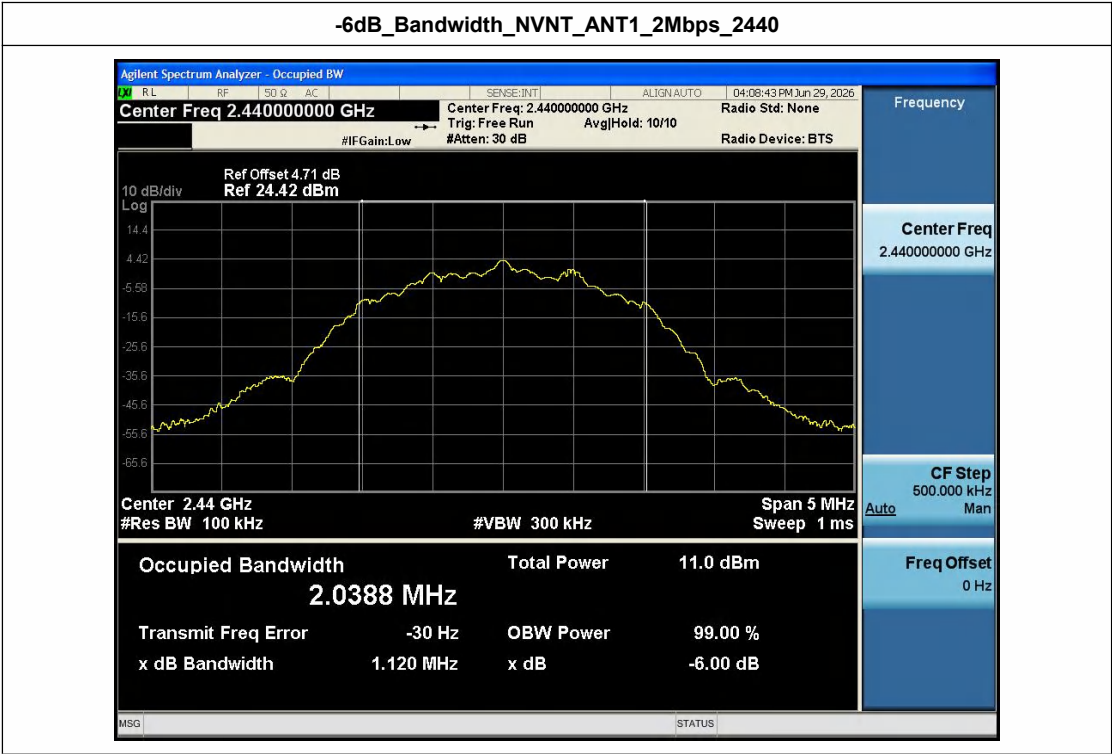
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



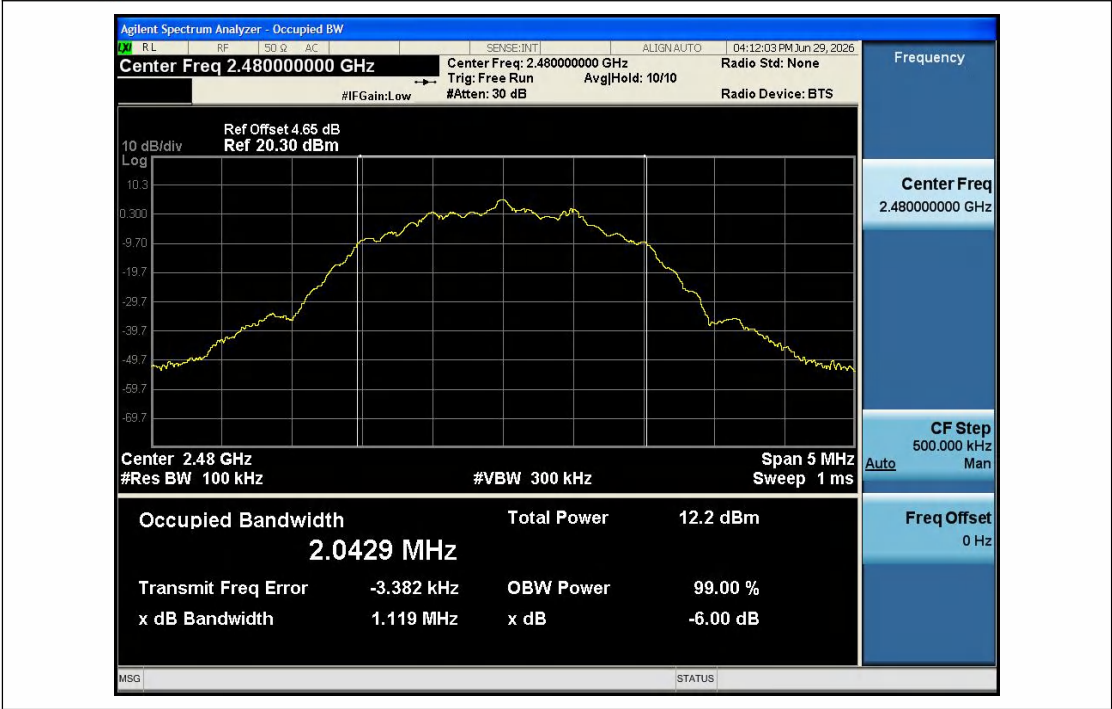
-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



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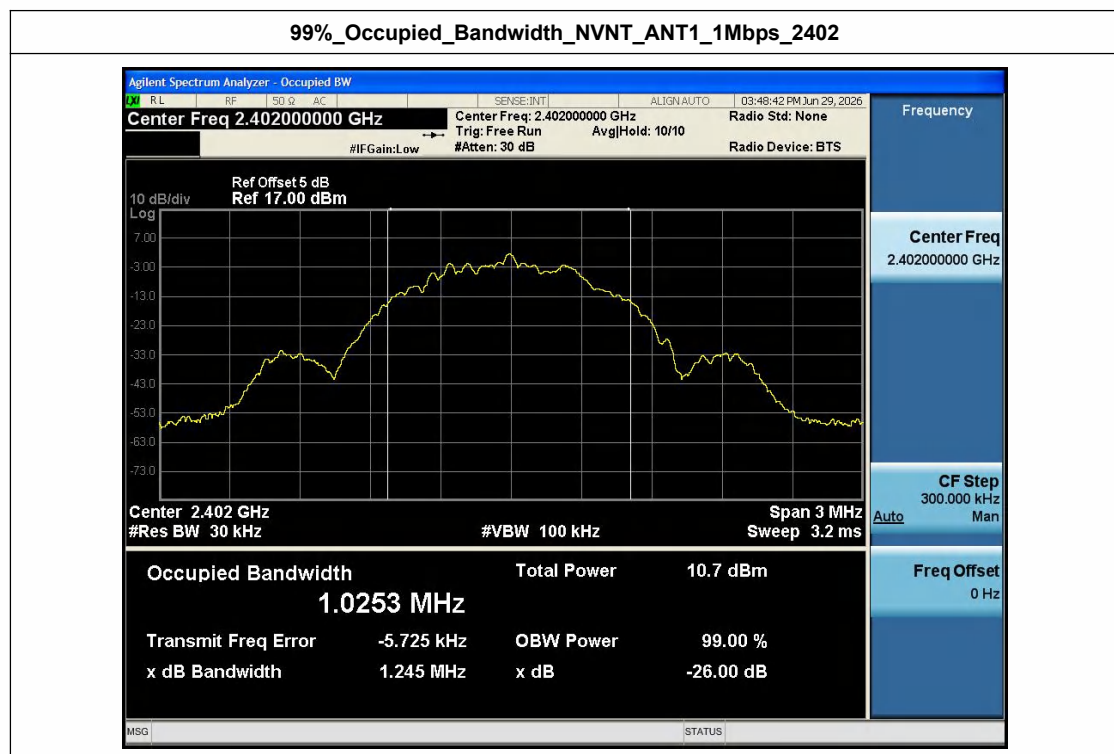
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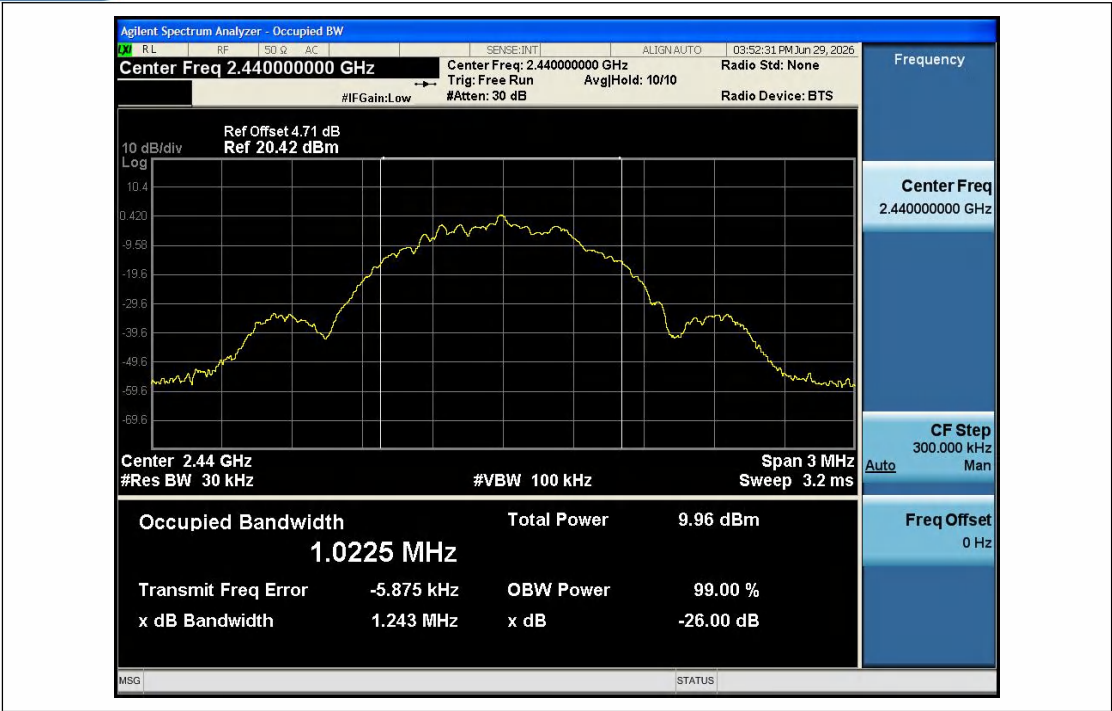
Appendix B: 99% Occupied Bandwidth

Test Result

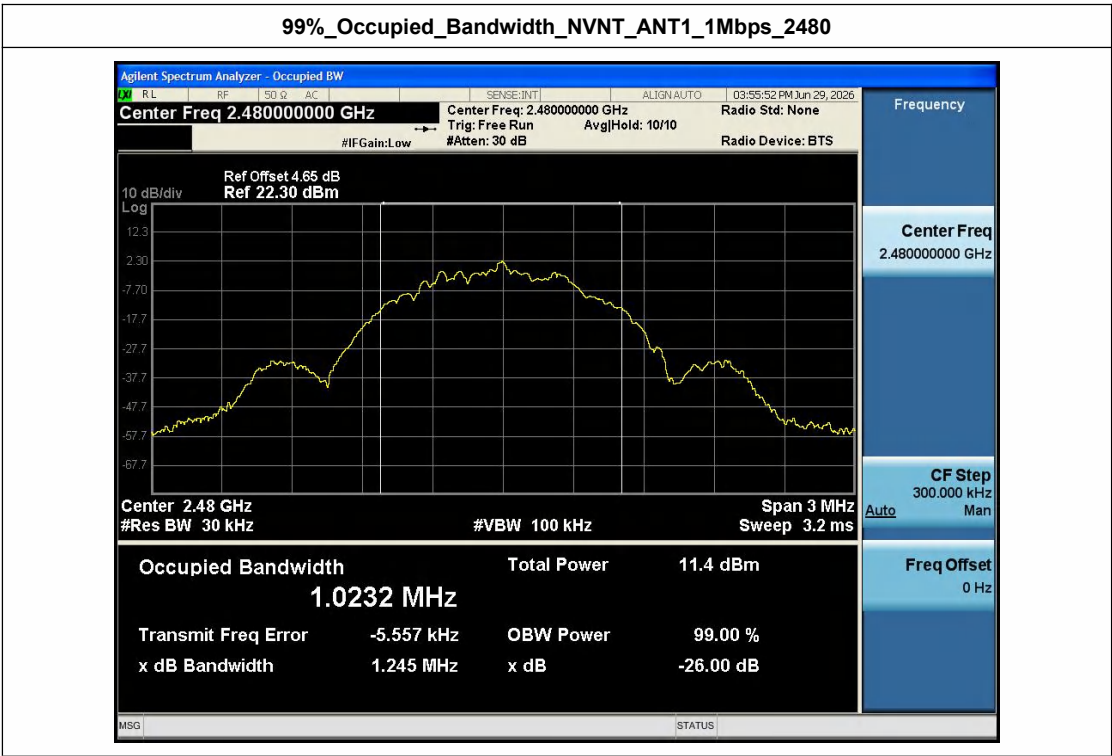
Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.025
NVNT	ANT1	1Mbps	2440.00	1.023
NVNT	ANT1	1Mbps	2480.00	1.023
NVNT	ANT1	2Mbps	2402.00	2.040
NVNT	ANT1	2Mbps	2440.00	2.039
NVNT	ANT1	2Mbps	2480.00	2.040



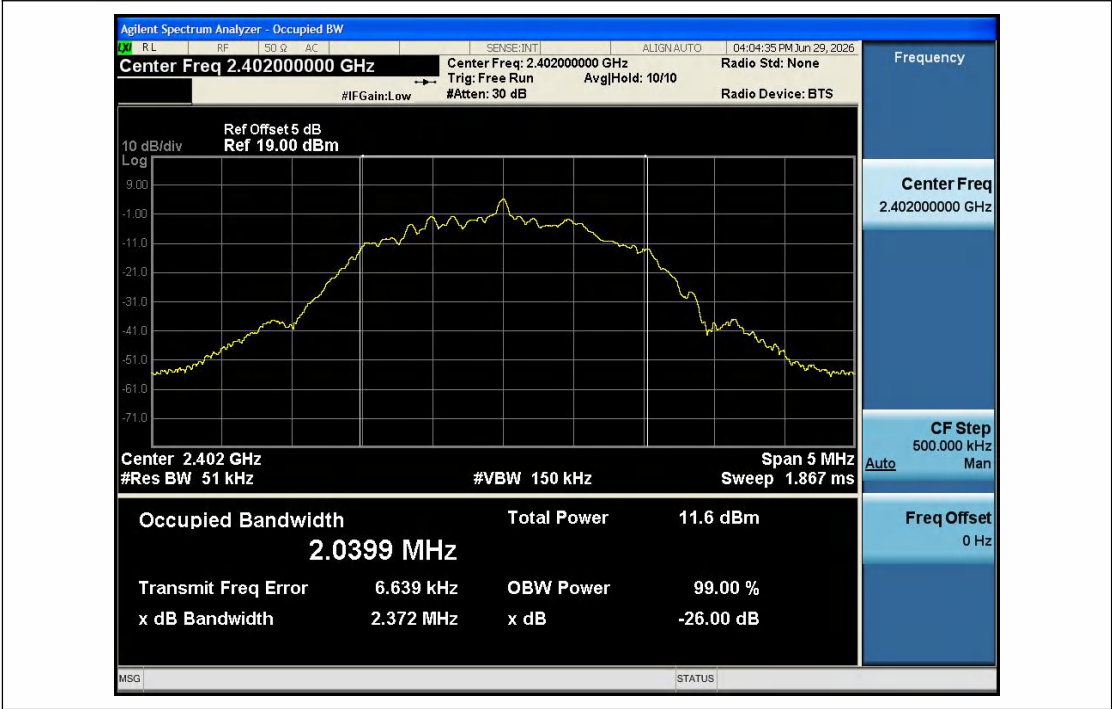
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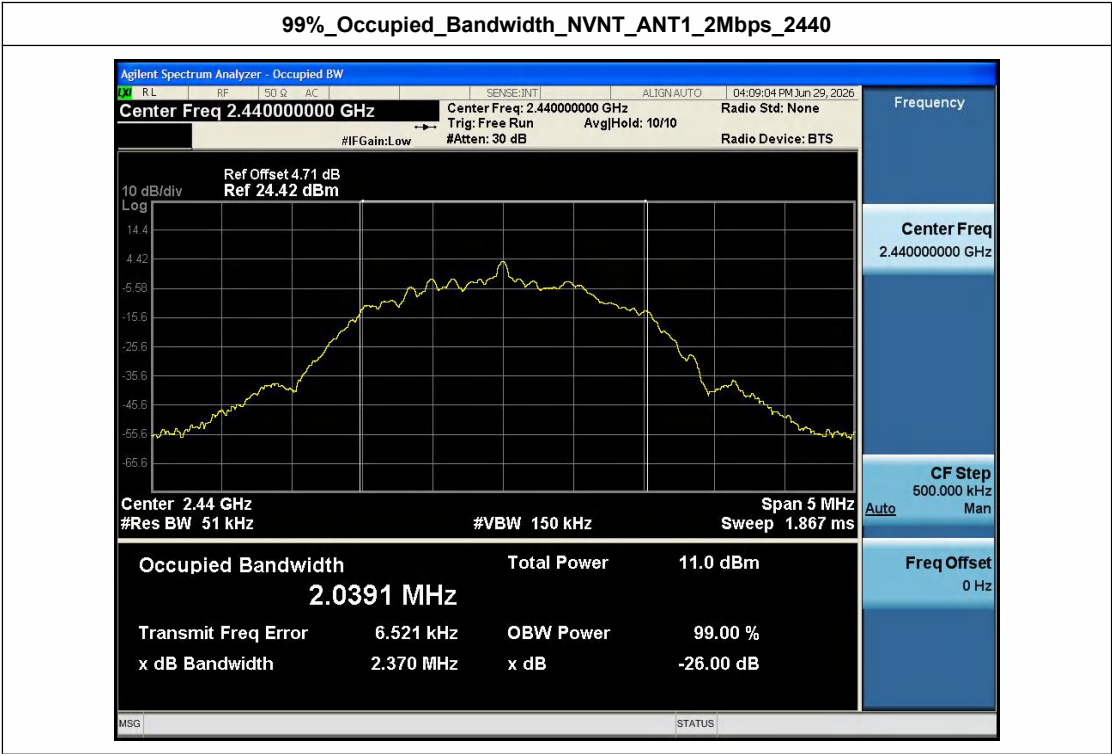
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480



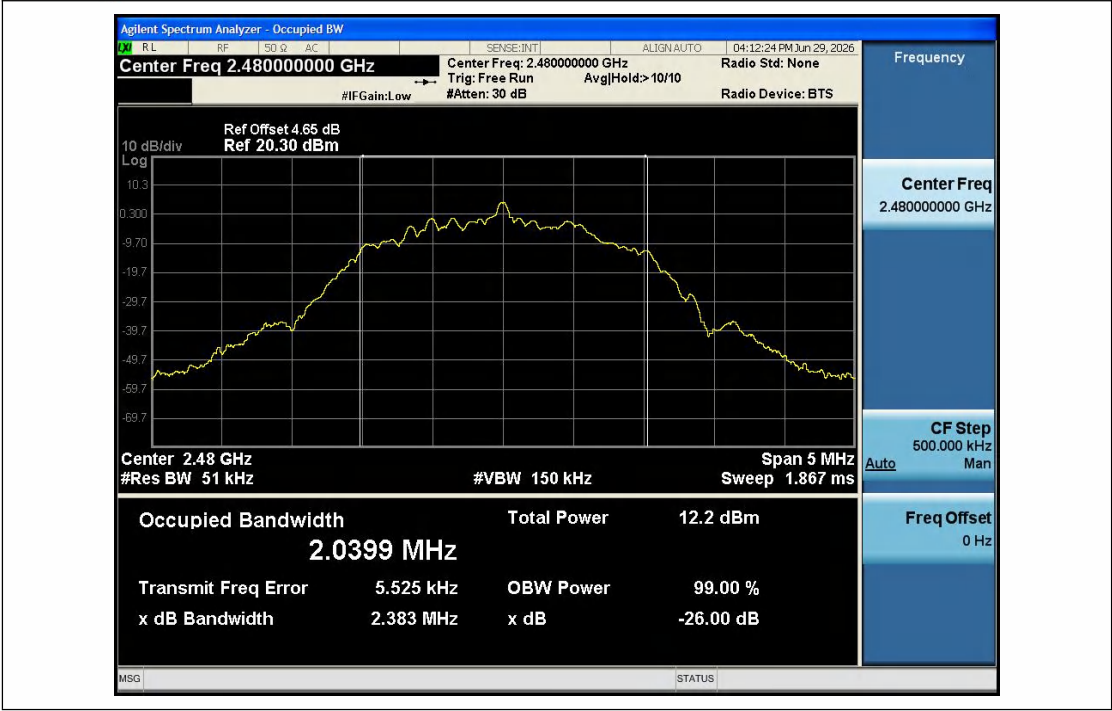
99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



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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	4.24	2.65	1000	Pass
NVNT	ANT1	1Mbps	2440.00	3.65	2.32	1000	Pass
NVNT	ANT1	1Mbps	2480.00	4.54	2.84	1000	Pass
NVNT	ANT1	2Mbps	2402.00	4.86	3.06	1000	Pass
NVNT	ANT1	2Mbps	2440.00	4.38	2.74	1000	Pass
NVNT	ANT1	2Mbps	2480.00	5.25	3.35	1000	Pass

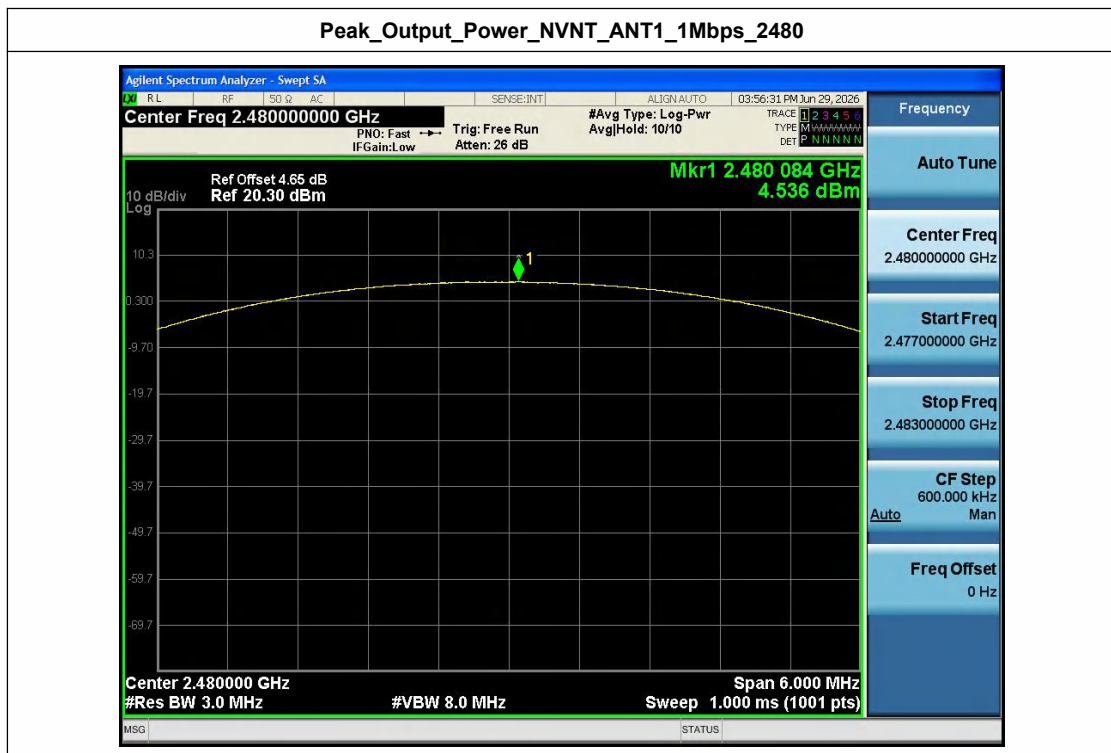
Peak_Output_Power_NVNT_ANT1_1Mbps_2402



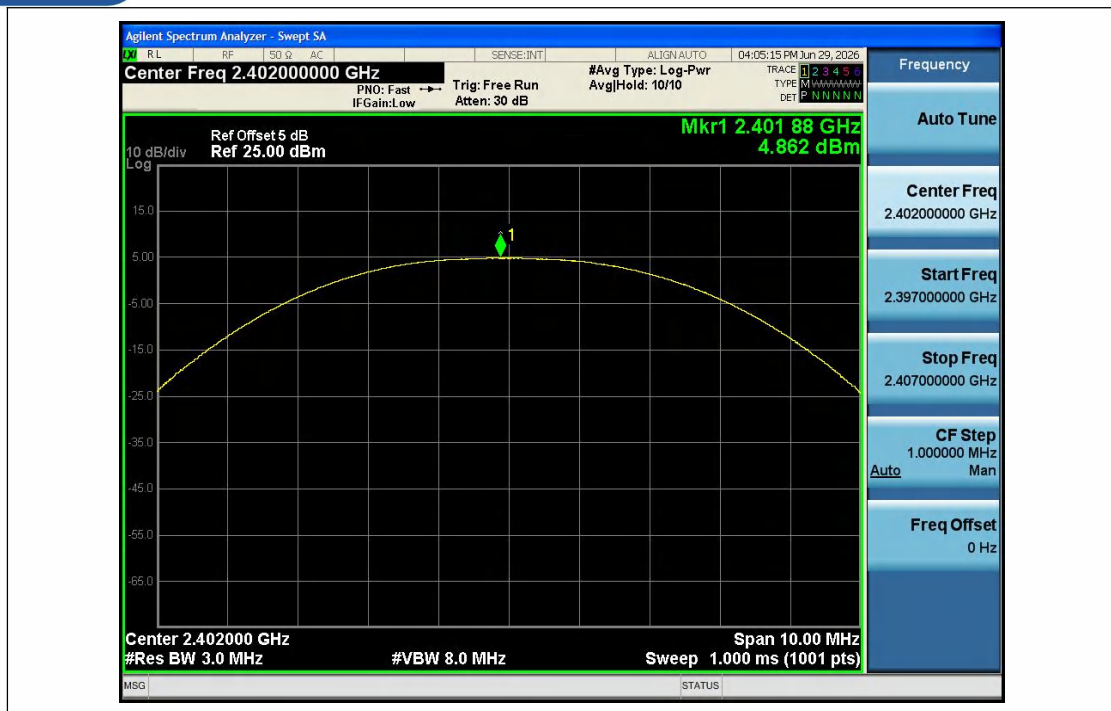
Peak_Output_Power_NVNT_ANT1_1Mbps_2440



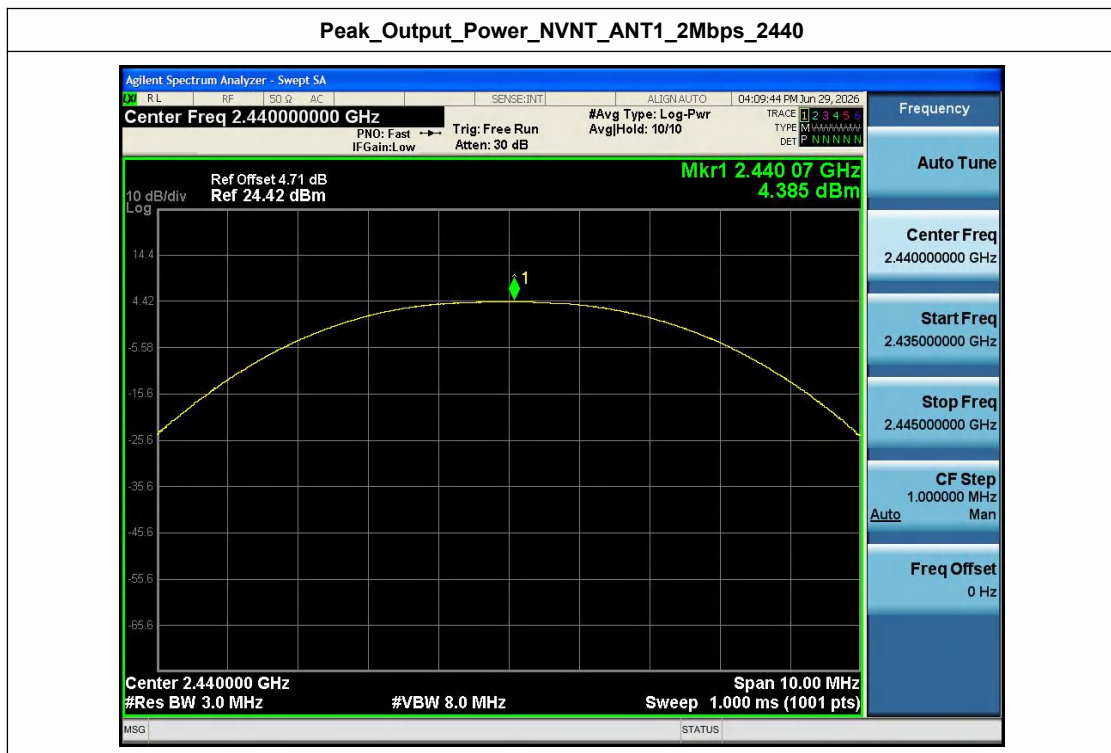
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Peak_Output_Power_NVNT_ANT1_2Mbps_2402



Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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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	-11.18	8	Pass
NVNT	ANT1	1Mbps	2440.00	-12.07	8	Pass
NVNT	ANT1	1Mbps	2480.00	-10.82	8	Pass
NVNT	ANT1	2Mbps	2402.00	-12.68	8	Pass
NVNT	ANT1	2Mbps	2440.00	-13.11	8	Pass
NVNT	ANT1	2Mbps	2480.00	-12.31	8	Pass

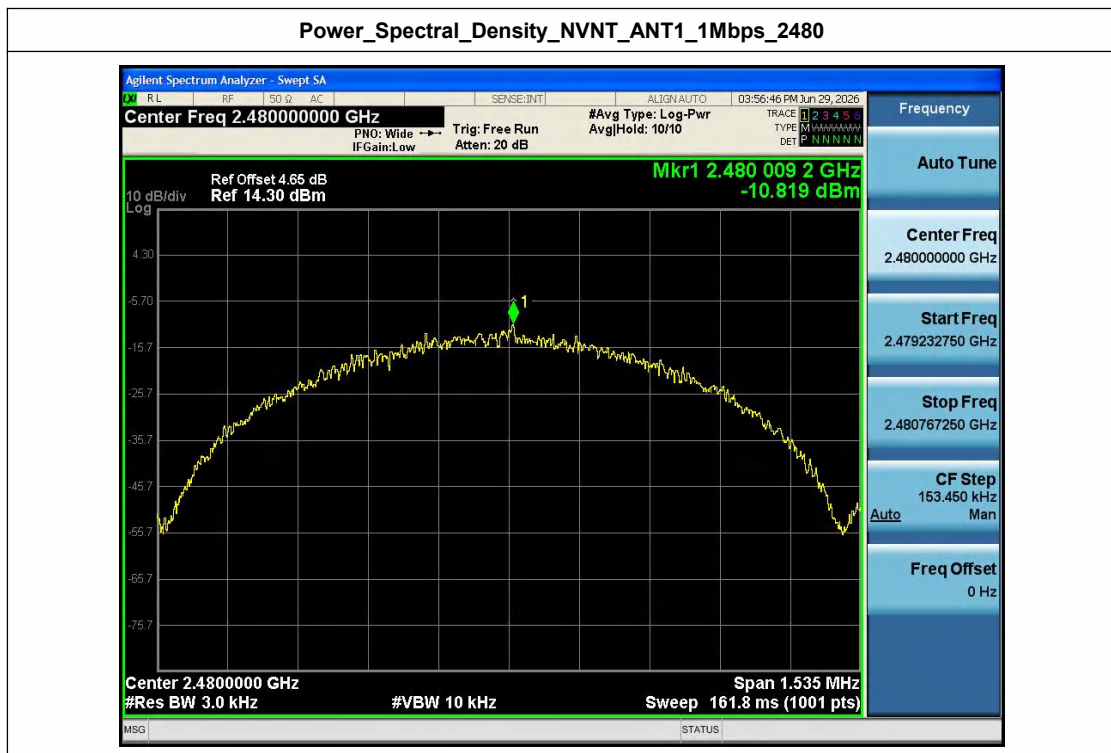
Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



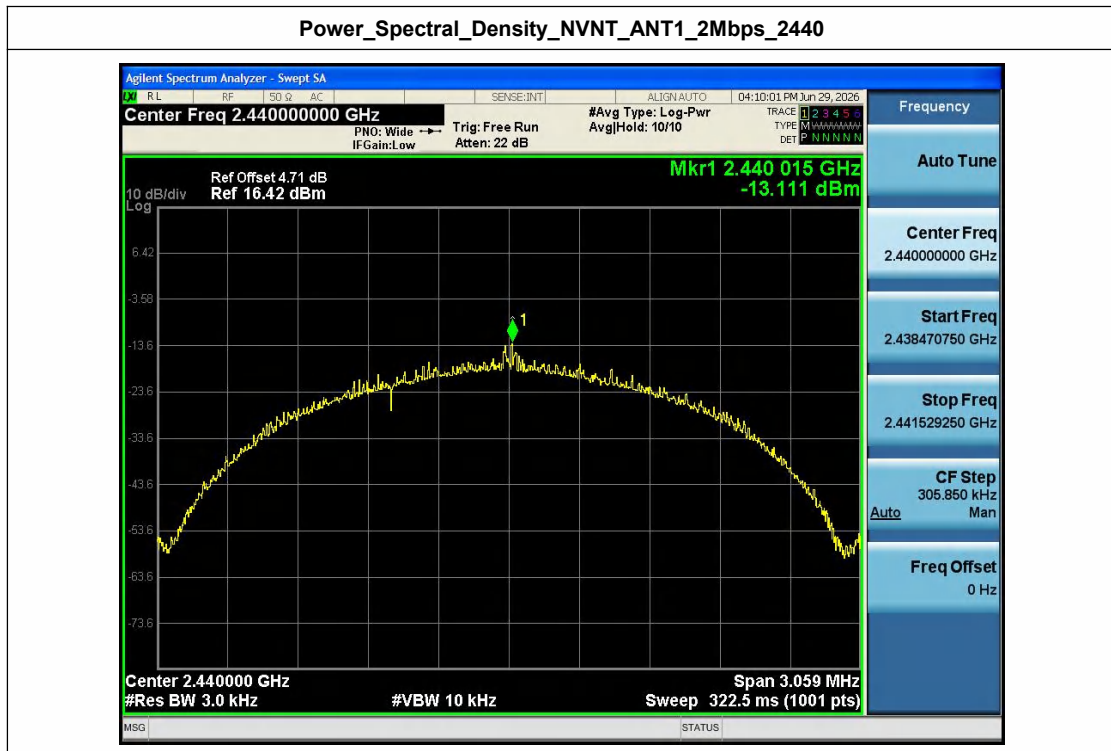
Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



Power_Spectral_Density_NVNT_ANT1_2Mbps_2402



Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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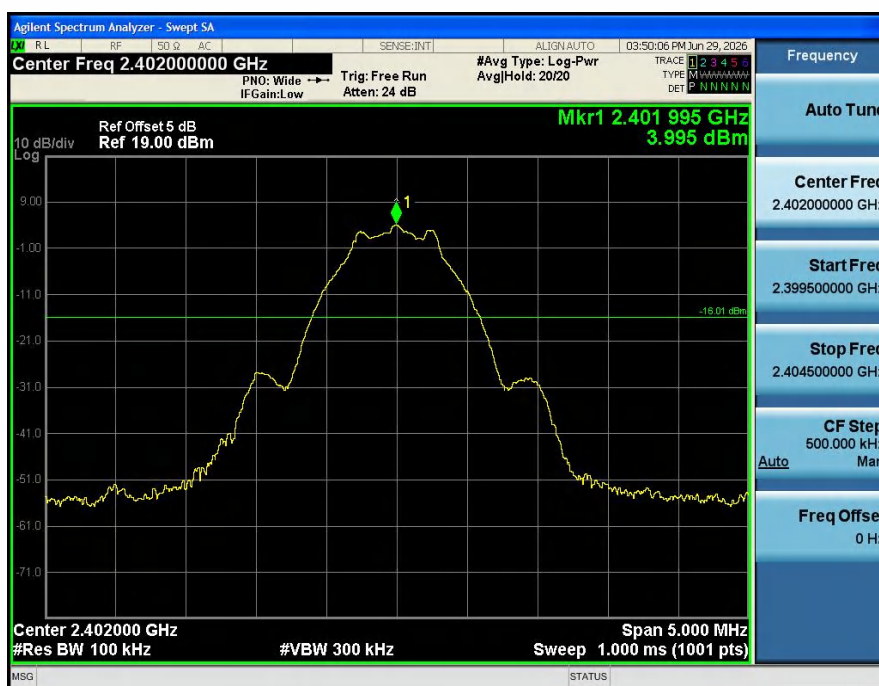
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Appendix E: Band edge measurements

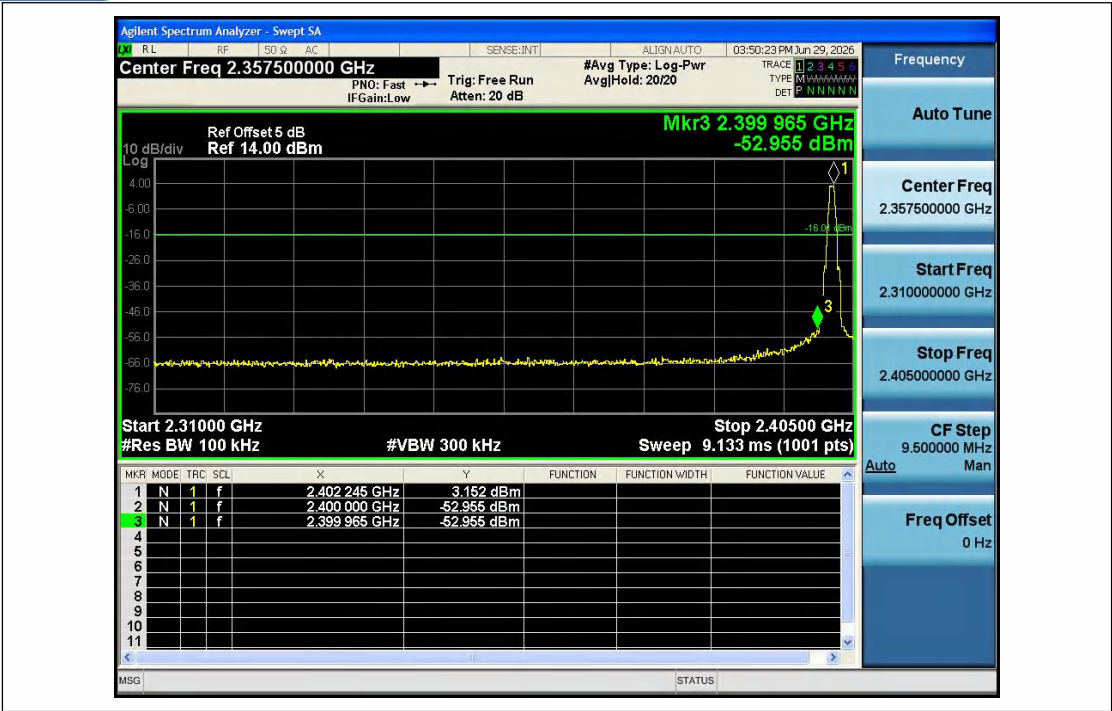
Test Result

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	3.995	-52.955	-16.005	Pass
NVNT	ANT1	1Mbps	2480.00	2484.125	4.397	-54.657	-15.603	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	4.690	-43.058	-15.310	Pass
NVNT	ANT1	2Mbps	2480.00	2483.875	4.902	-55.124	-15.098	Pass

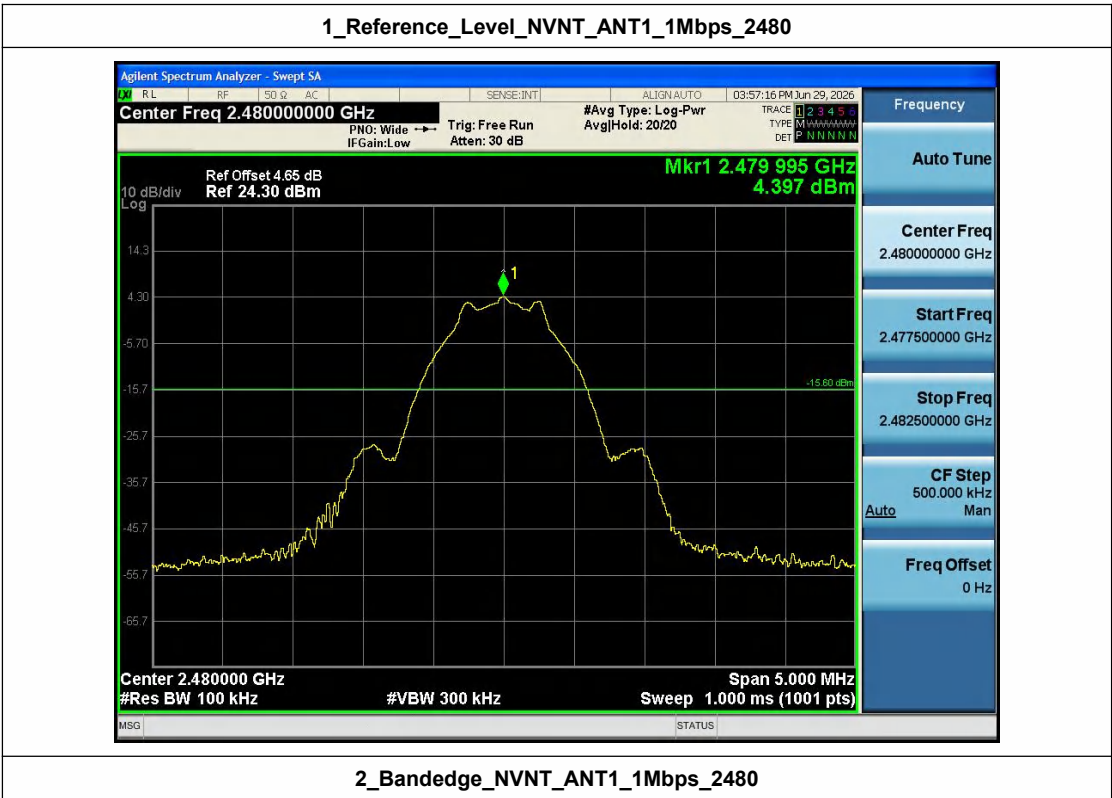
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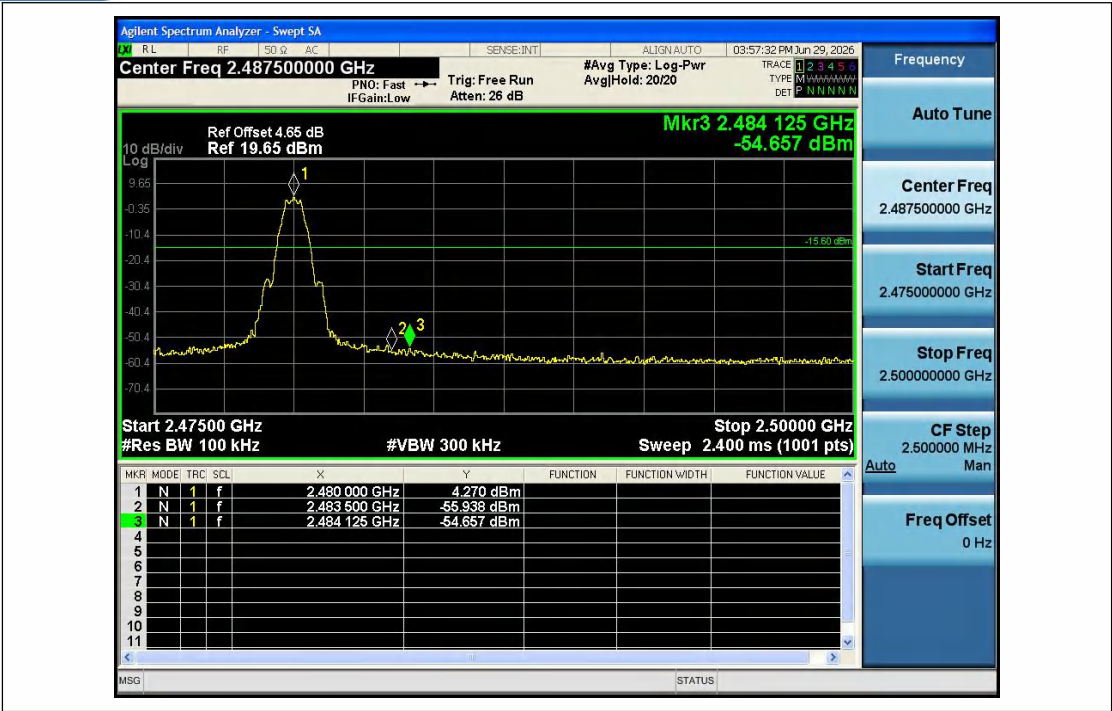
2_Bandedge_NVNT_ANT1_1Mbps_2402



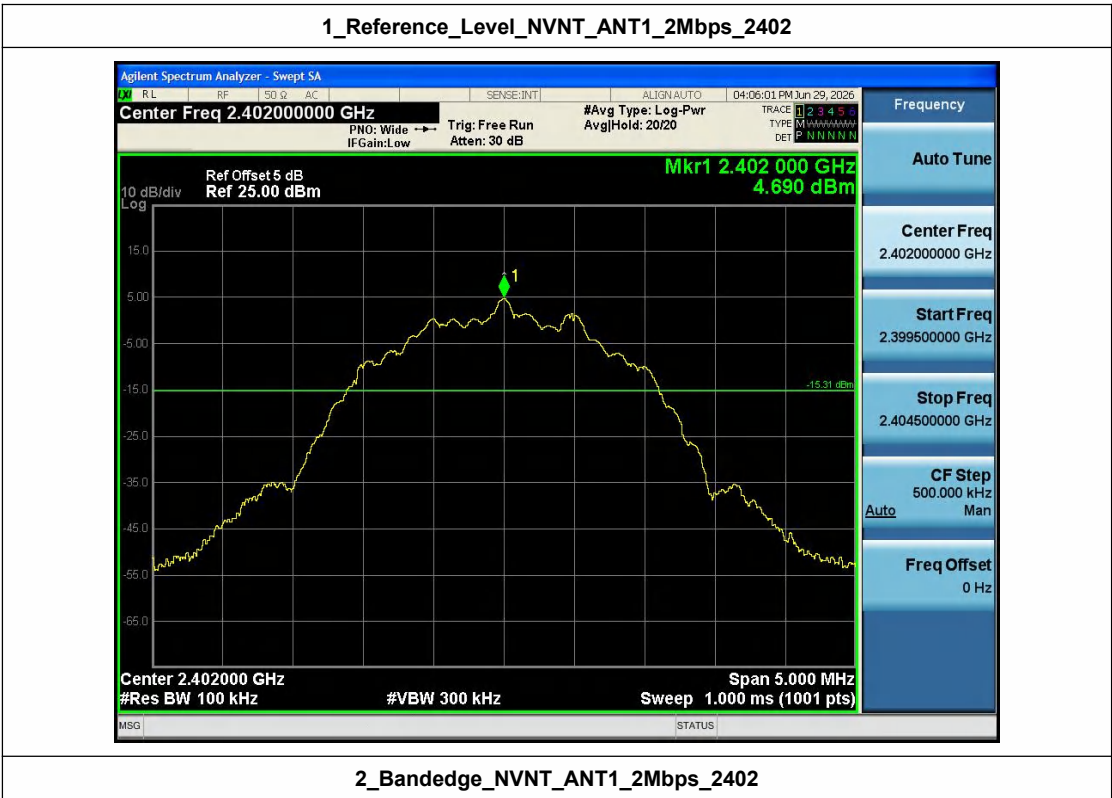
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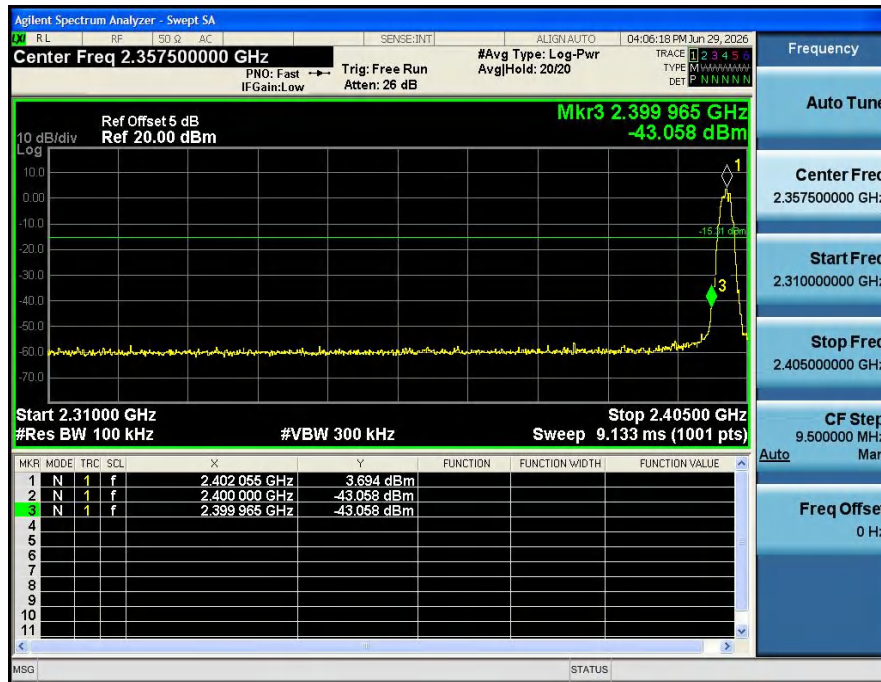
2_Bandedge_NVNT_ANT1_1Mbps_2480



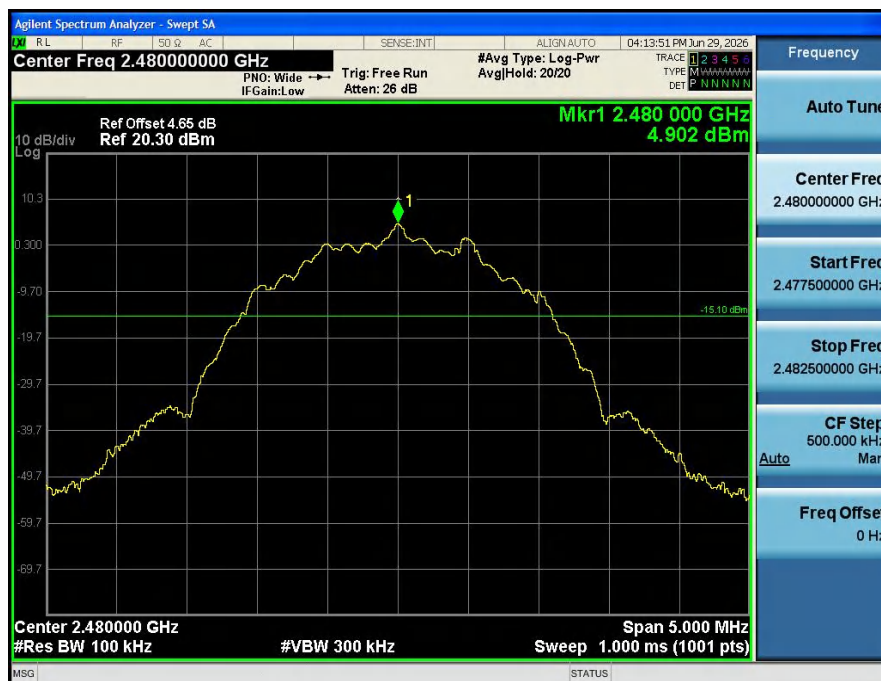
1_Reference_Level_NVNT_ANT1_2Mbps_2402



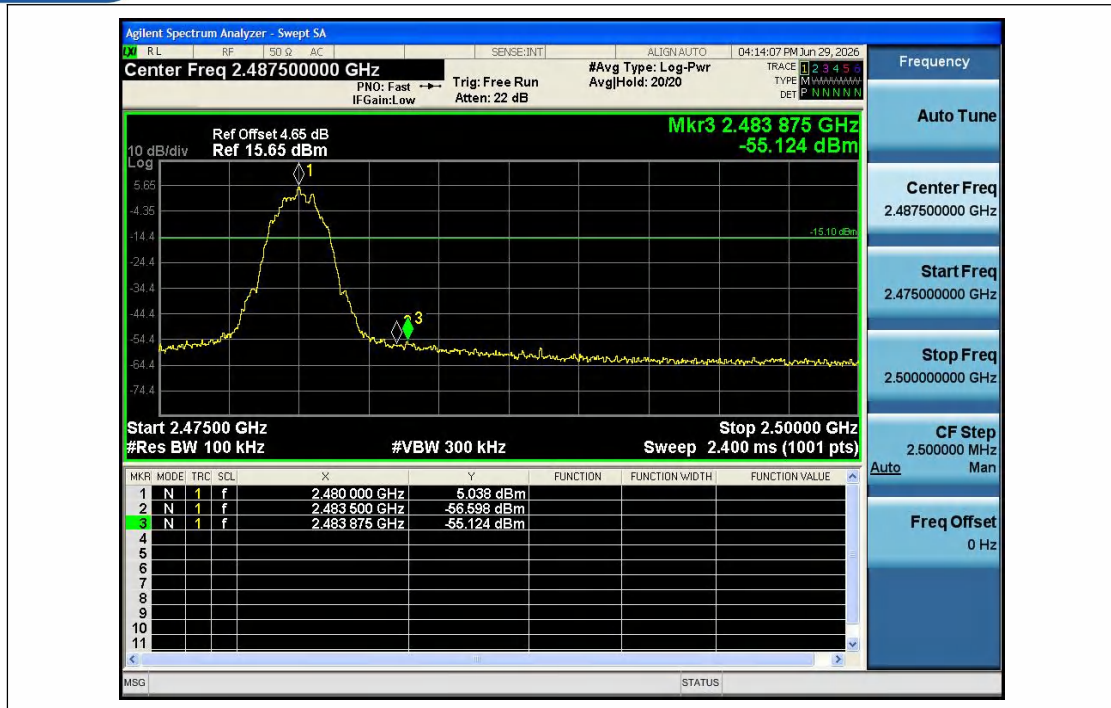
2_Bandedge_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



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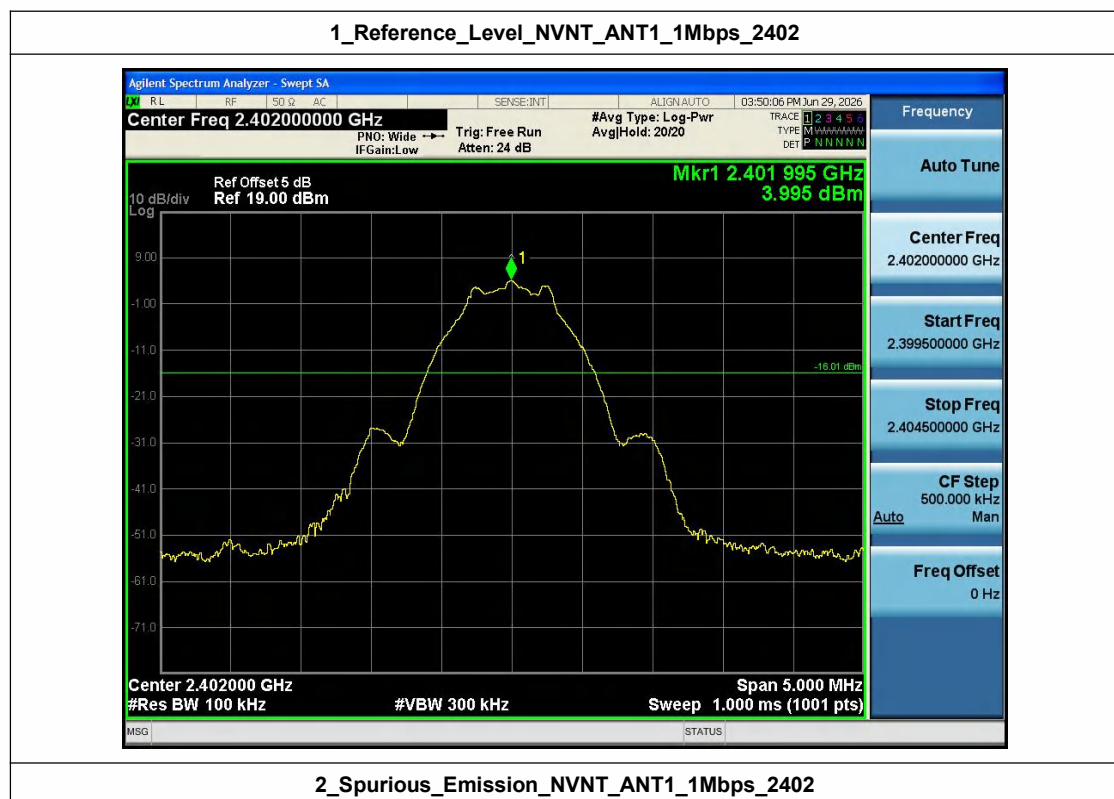
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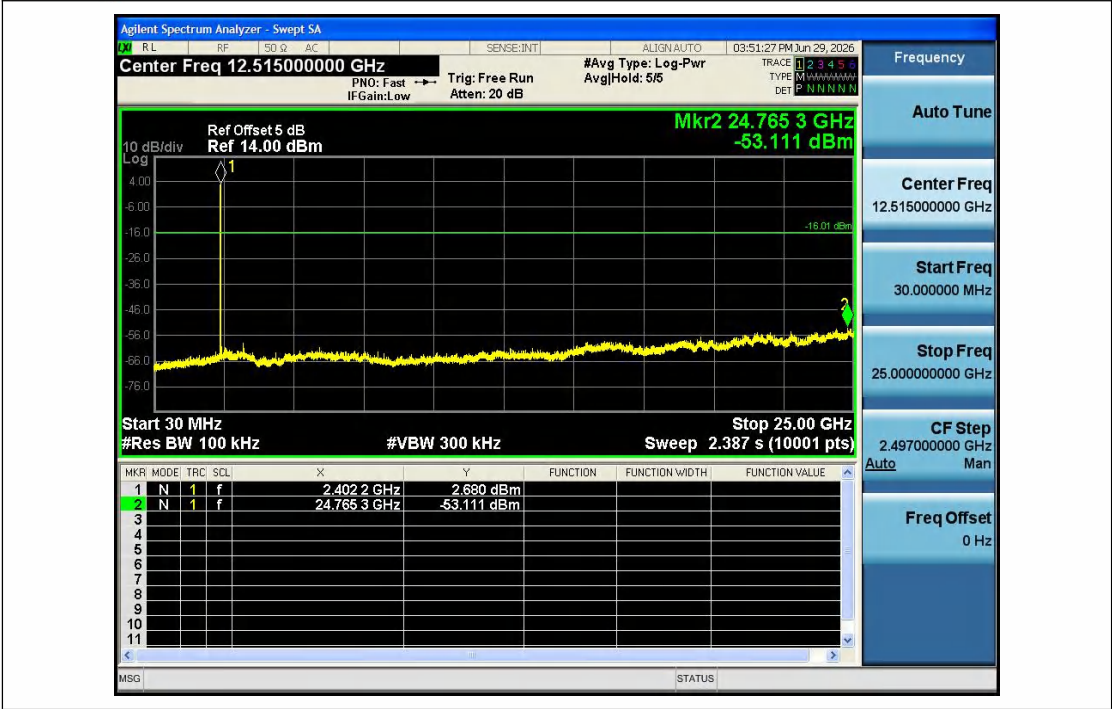
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Appendix F: Conducted Spurious Emission

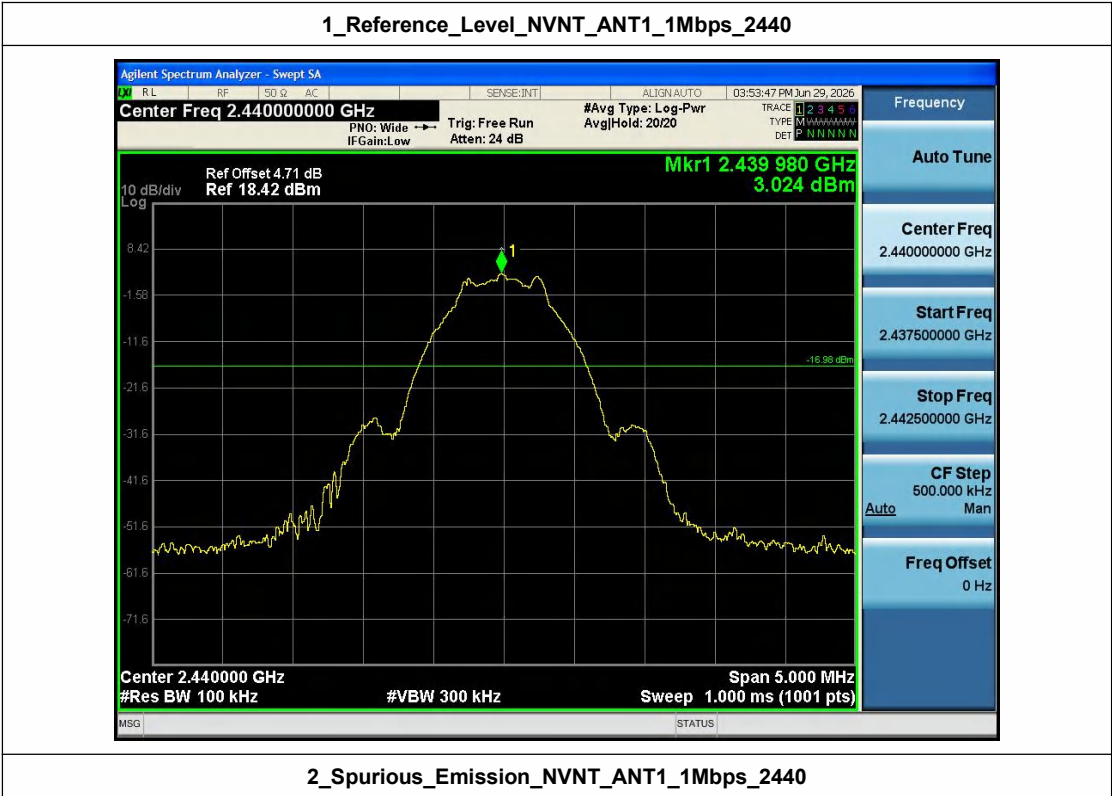
Test Result

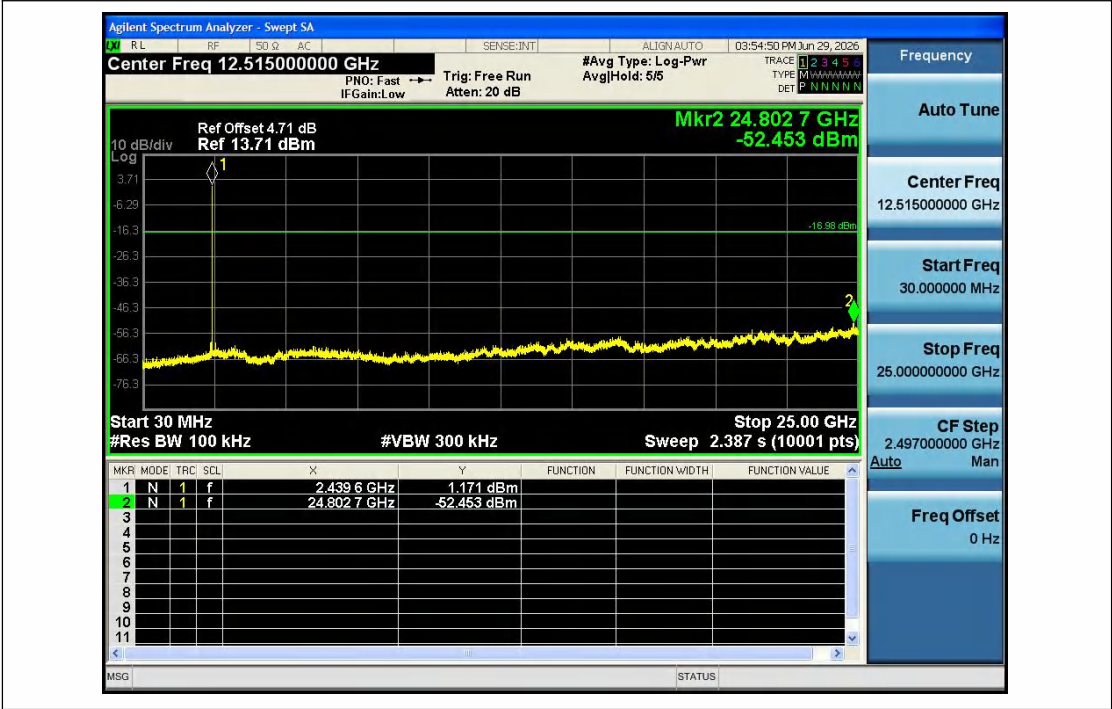
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	3.995	-53.111	-16.005	Pass
NVNT	ANT1	1Mbps	2440.00	3.024	-52.453	-16.976	Pass
NVNT	ANT1	1Mbps	2480.00	4.397	-46.338	-15.603	Pass
NVNT	ANT1	2Mbps	2402.00	4.690	-46.451	-15.310	Pass
NVNT	ANT1	2Mbps	2440.00	3.986	-47.306	-16.014	Pass
NVNT	ANT1	2Mbps	2480.00	4.902	-50.623	-15.098	Pass



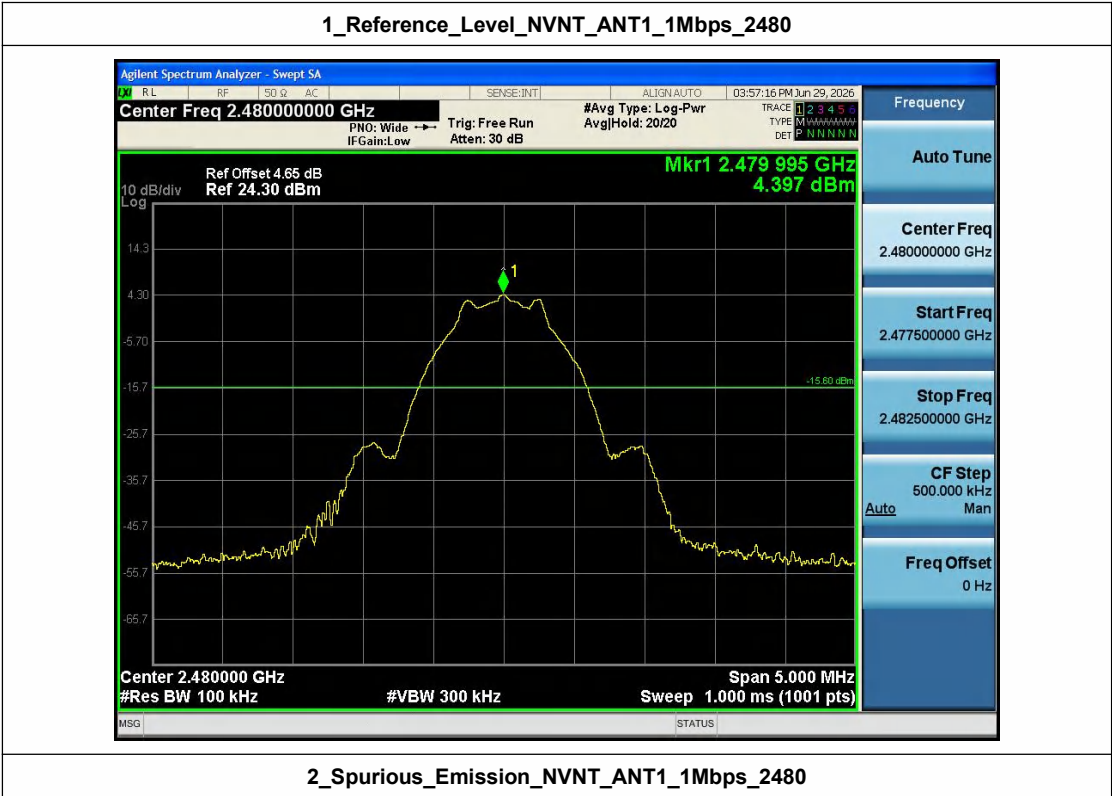


1_Reference_Level_NVNT_ANT1_1Mbps_2440

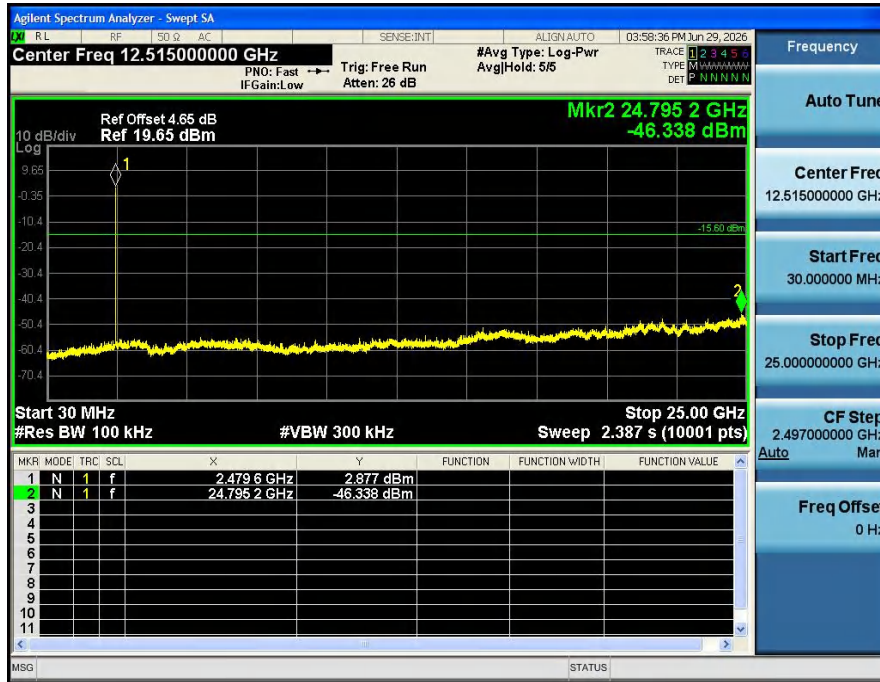




1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



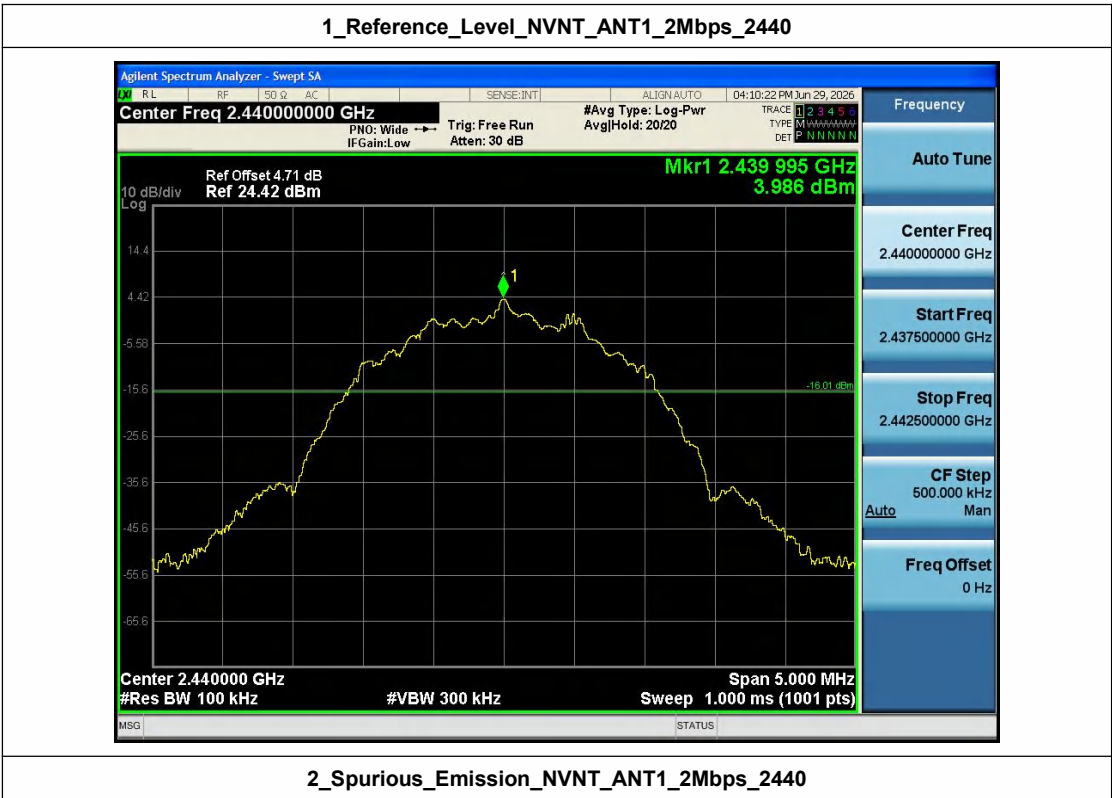
1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



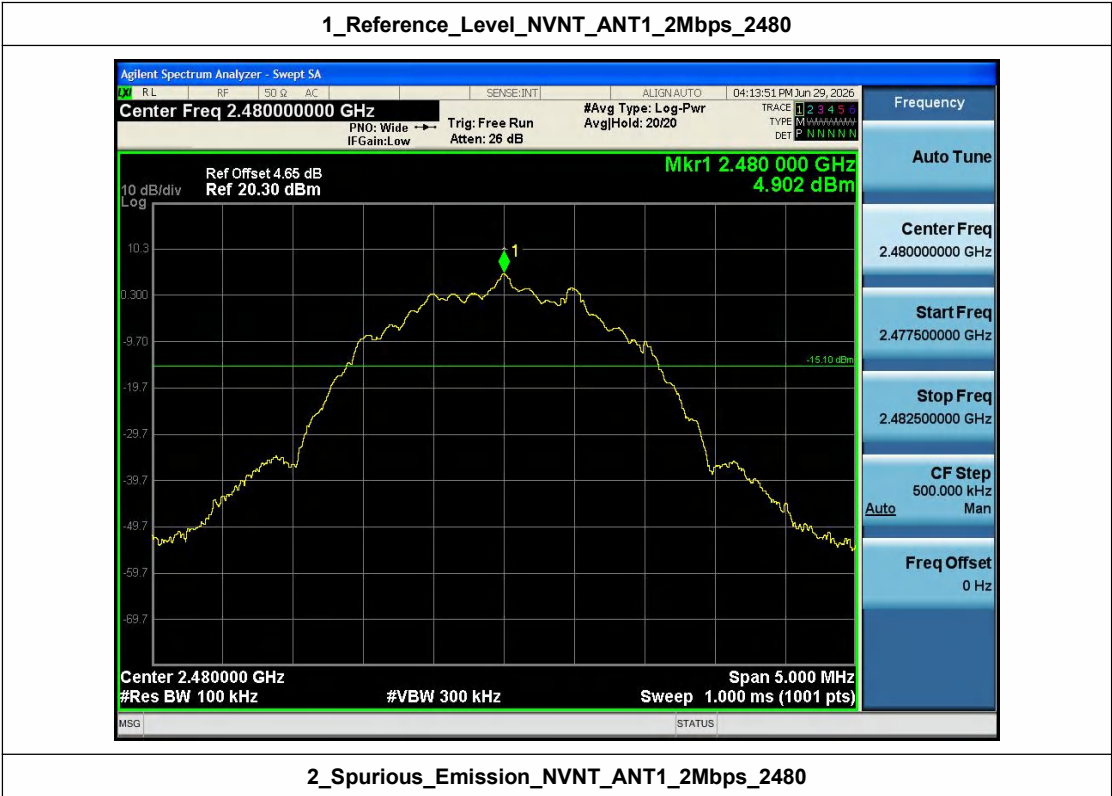
1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



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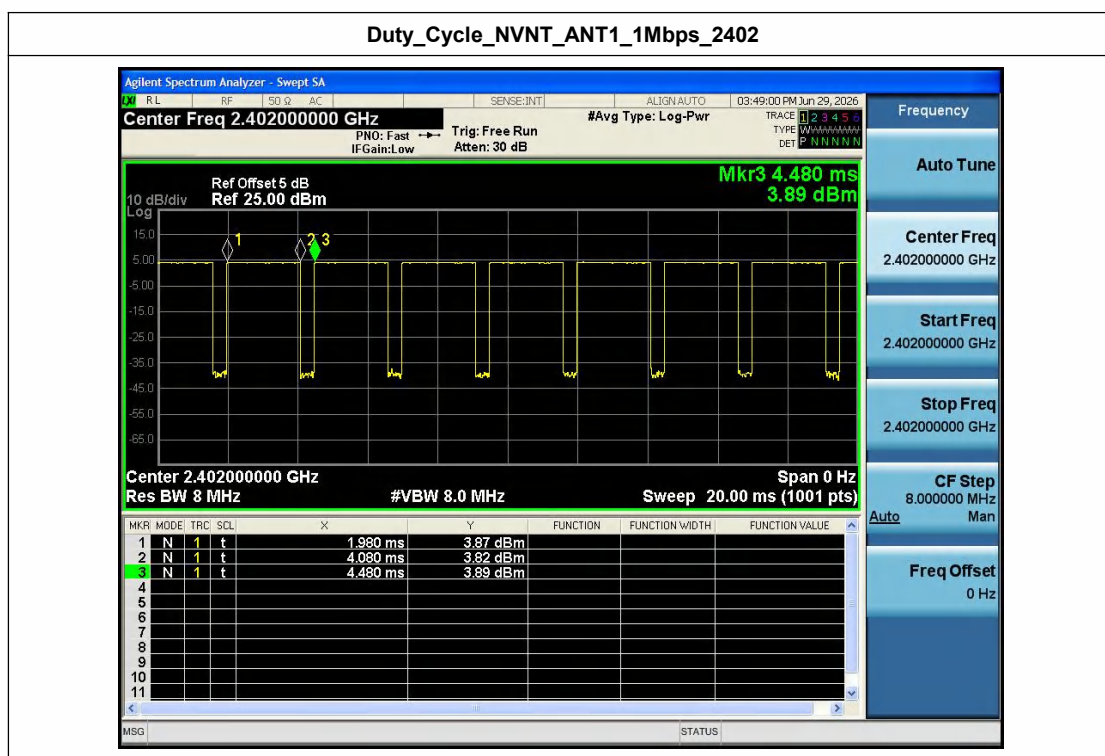
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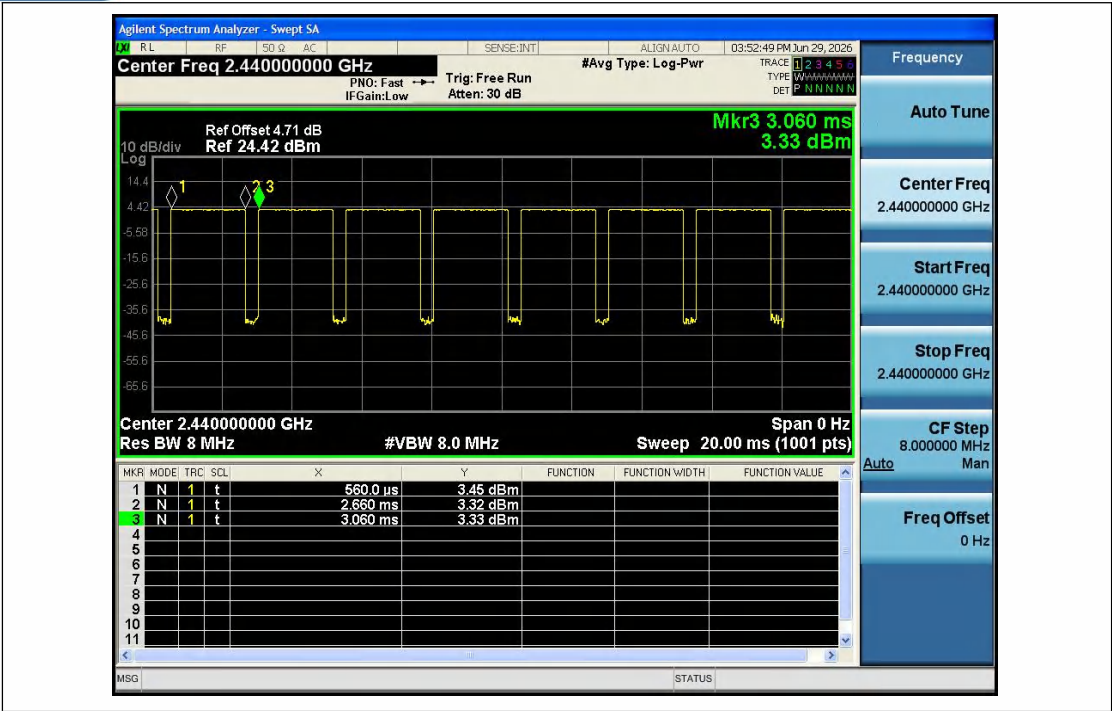
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Appendix G: Duty Cycle

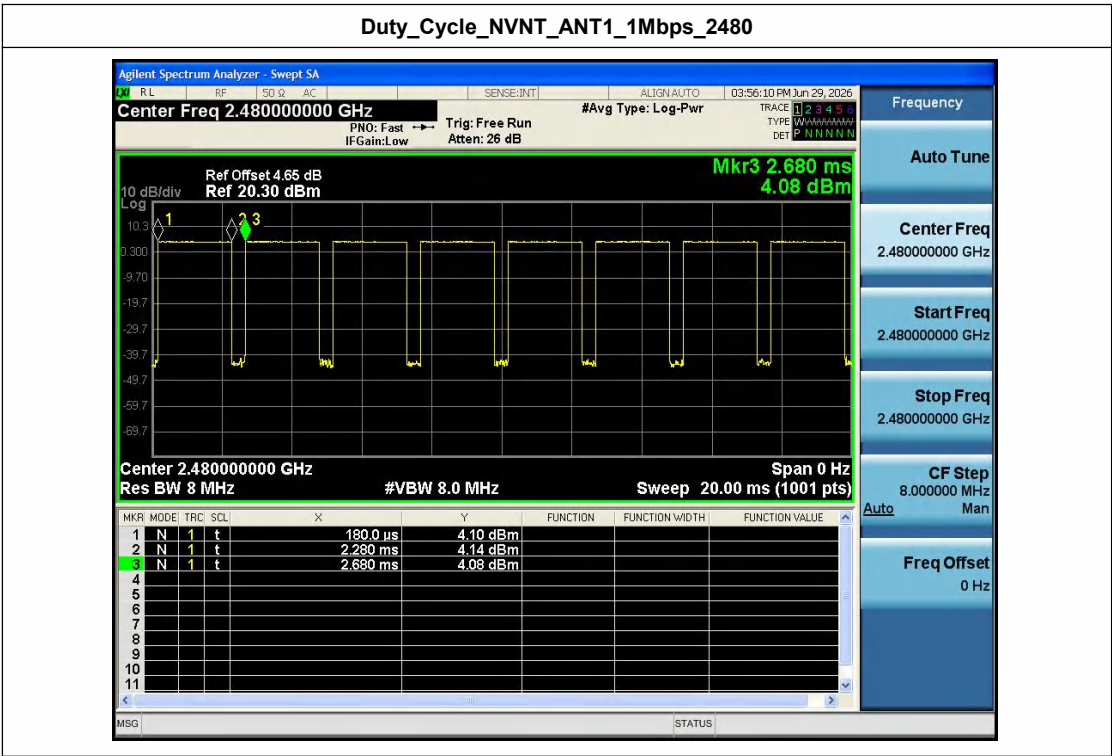
Test Result

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	84.80	0.72
NVNT	ANT1	1Mbps	2440.00	84.80	0.72
NVNT	ANT1	1Mbps	2480.00	84.00	0.76
NVNT	ANT1	2Mbps	2402.00	57.45	2.41
NVNT	ANT1	2Mbps	2440.00	57.45	2.41
NVNT	ANT1	2Mbps	2480.00	58.06	2.36

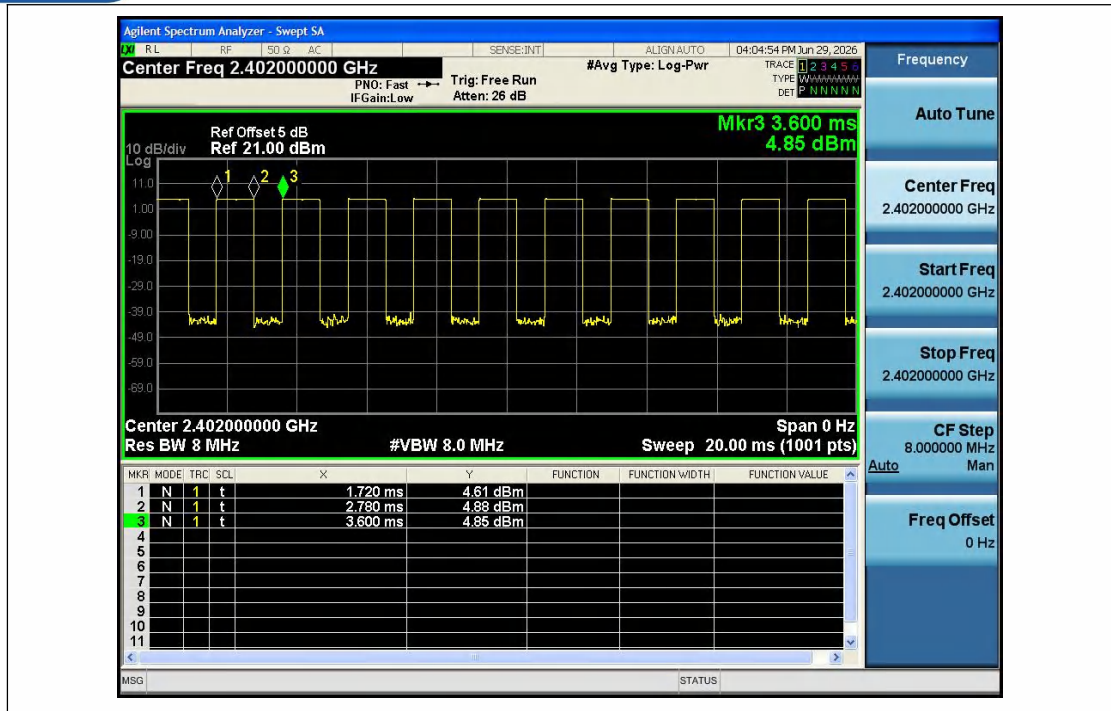




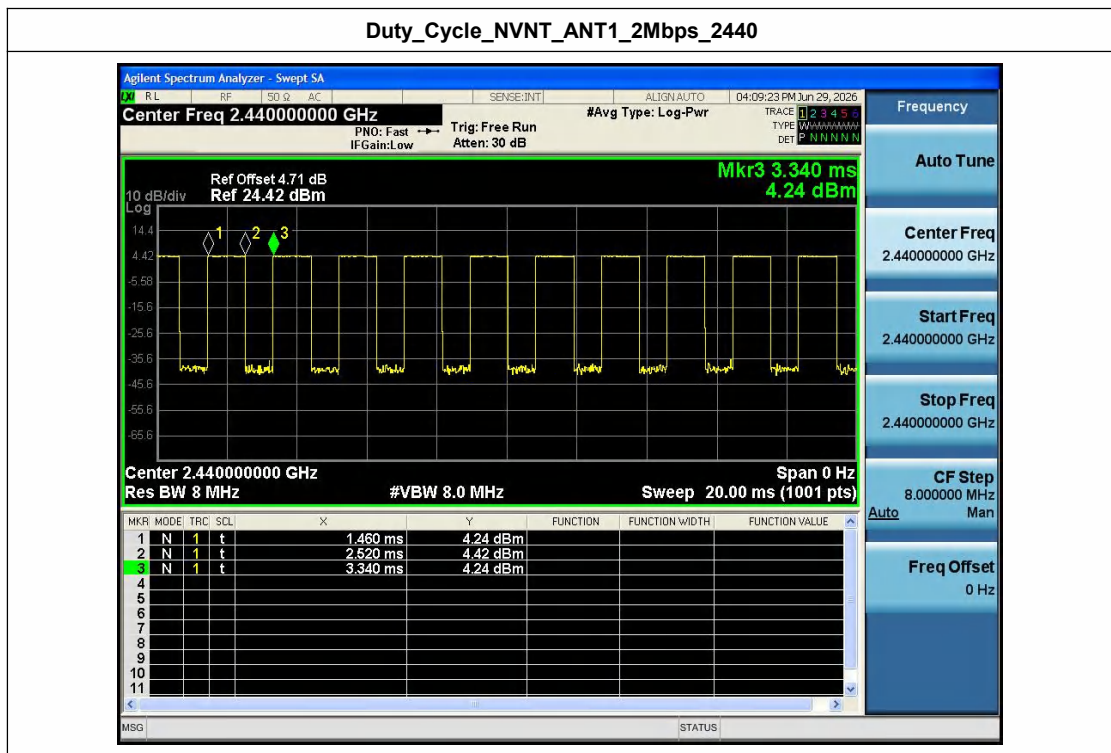
Duty_Cycle_NVNT_ANT1_1Mbps_2480



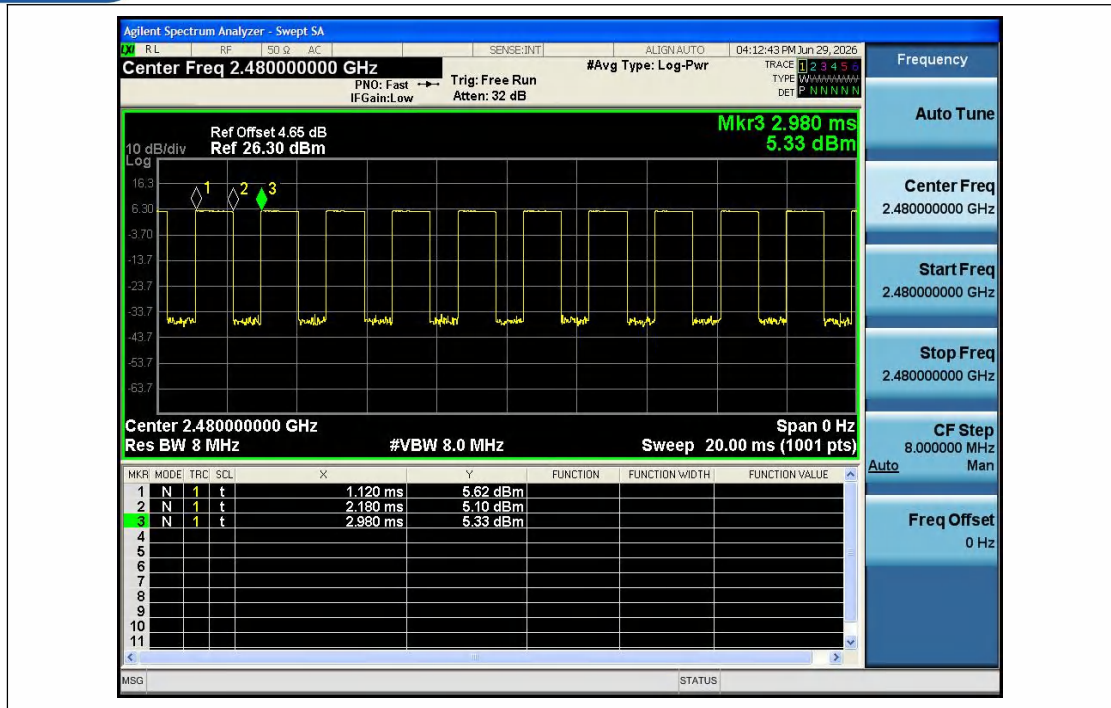
Duty_Cycle_NVNT_ANT1_2Mbps_2402



Duty_Cycle_NVNT_ANT1_2Mbps_2440



Duty_Cycle_NVNT_ANT1_2Mbps_2480



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