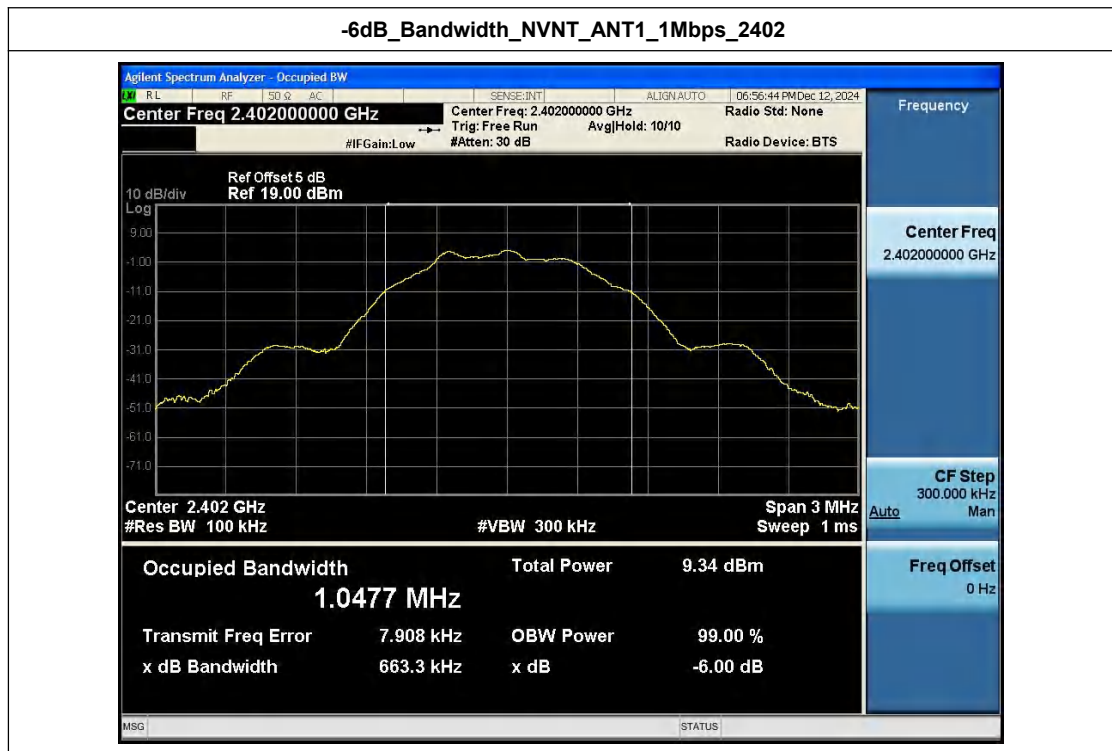


Appendix Test Data

Report No.:	1812C40174312502	Test Sample No.:	1-2-2
Start Test Date:	2024.12.11	Finish Test Date:	2024.12.12
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22.2°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	663.34	500	Pass
NVNT	ANT1	1Mbps	2440.00	660.35	500	Pass
NVNT	ANT1	1Mbps	2480.00	661.88	500	Pass
NVNT	ANT1	2Mbps	2402.00	849.63	500	Pass
NVNT	ANT1	2Mbps	2440.00	896.94	500	Pass
NVNT	ANT1	2Mbps	2480.00	1121.46	500	Pass

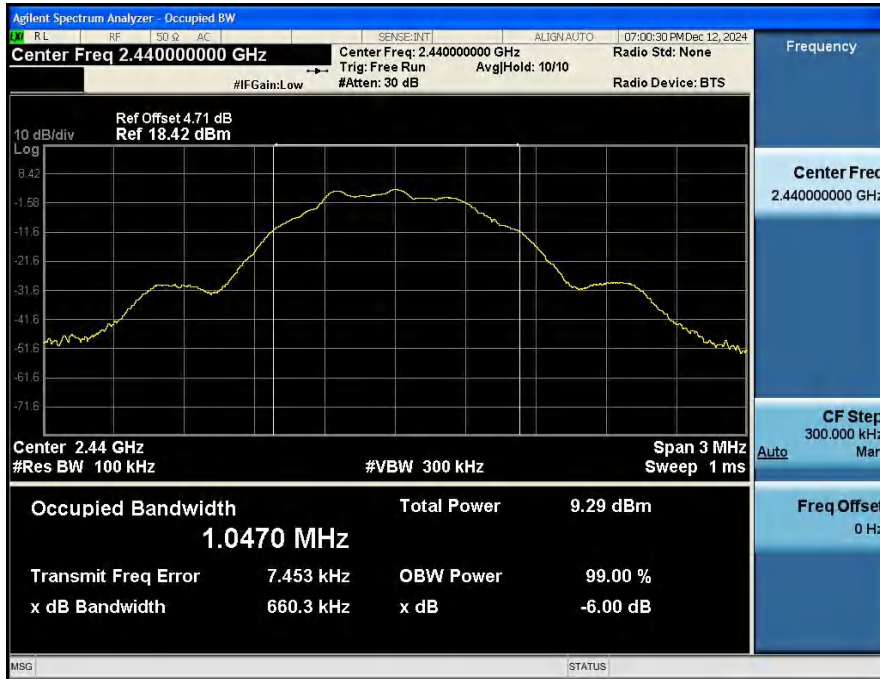


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-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402

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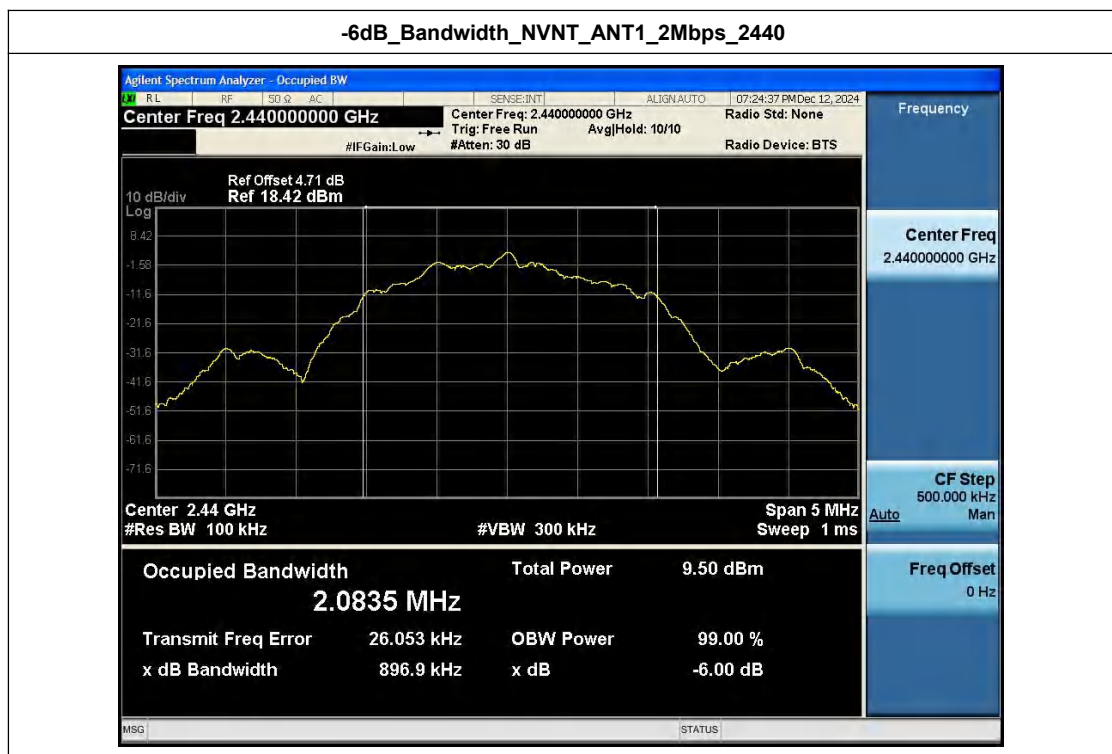
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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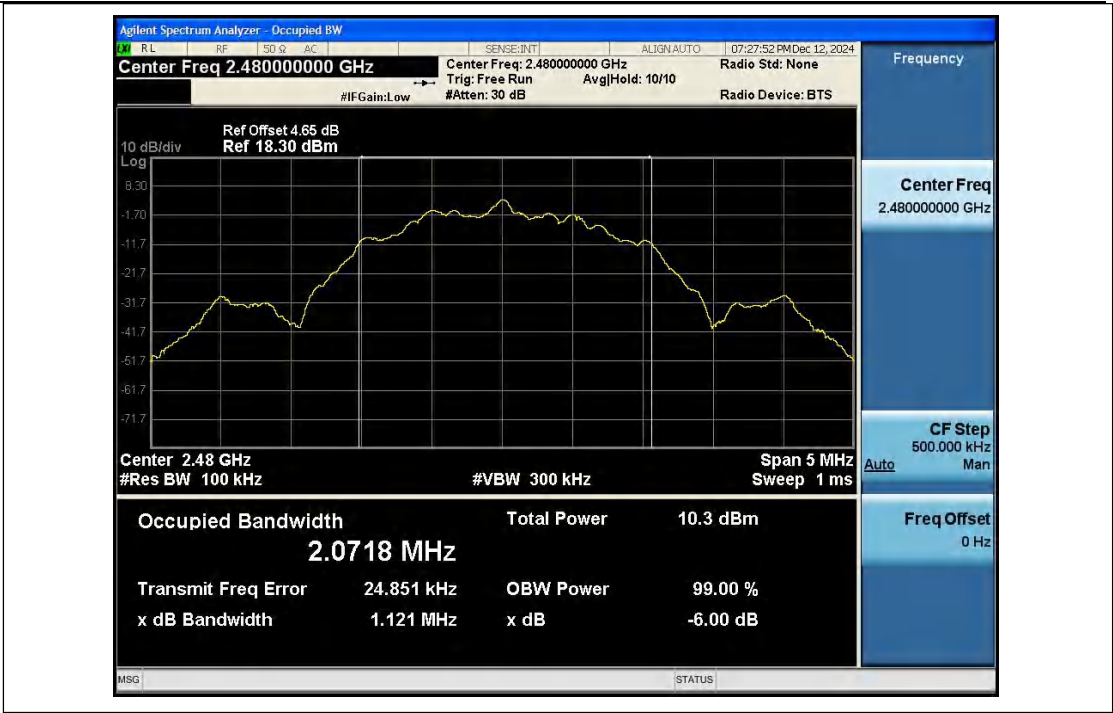
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-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



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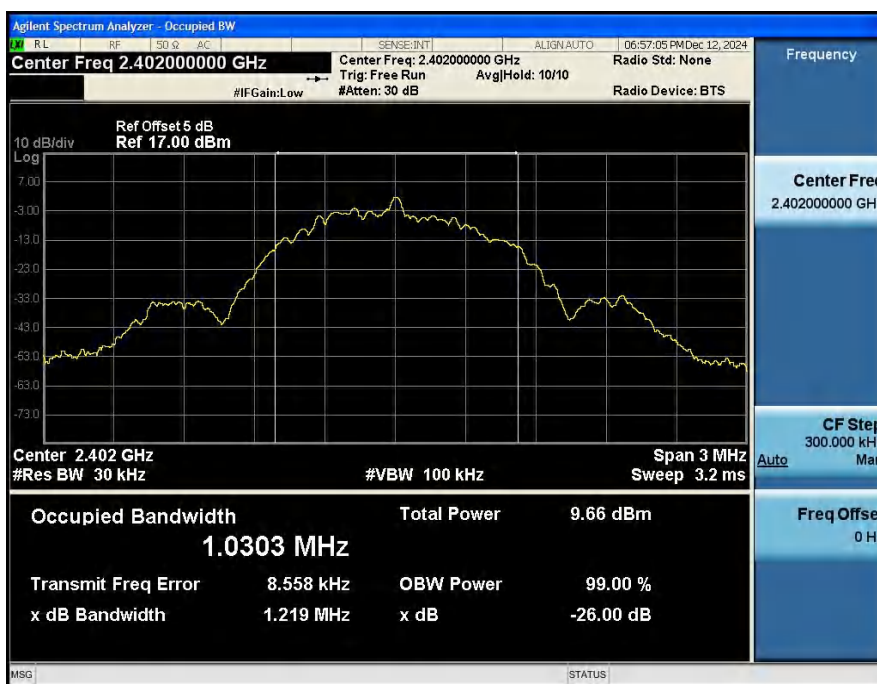
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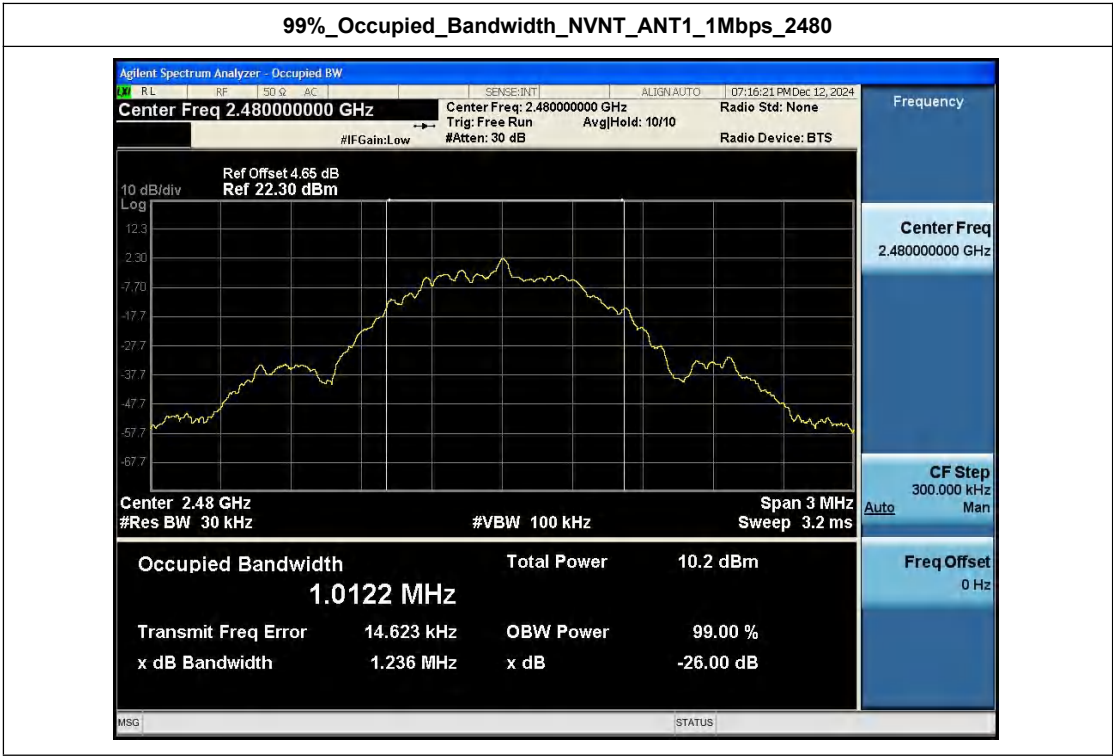
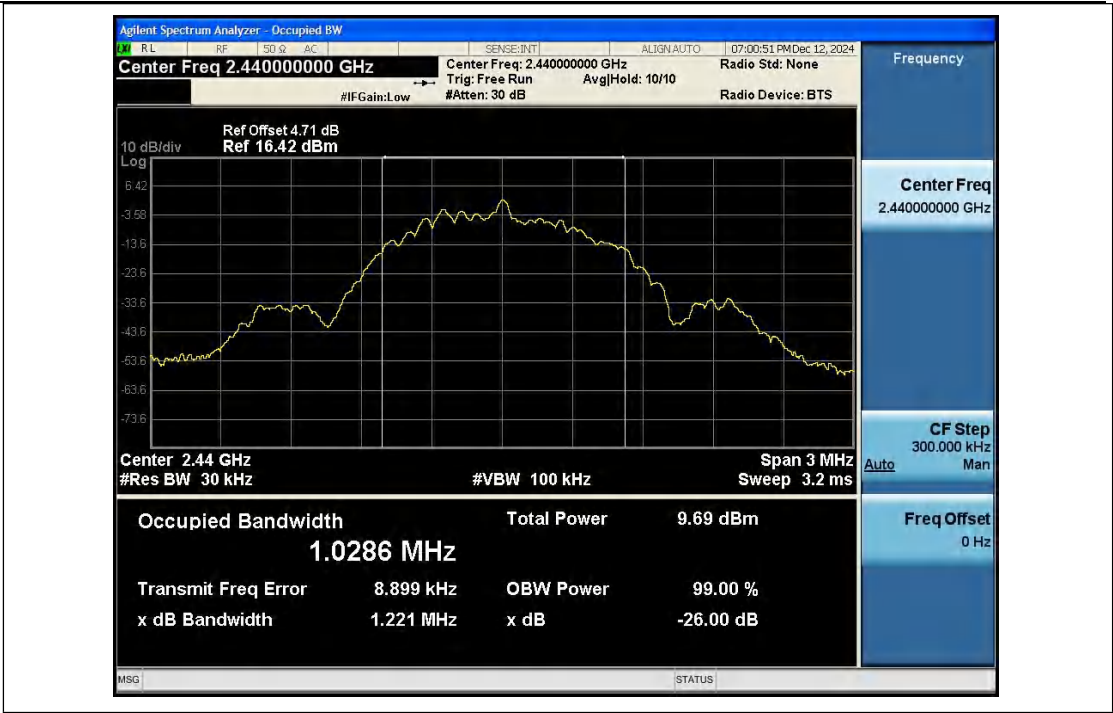
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.030
NVNT	ANT1	1Mbps	2440.00	1.029
NVNT	ANT1	1Mbps	2480.00	1.012
NVNT	ANT1	2Mbps	2402.00	2.060
NVNT	ANT1	2Mbps	2440.00	2.058
NVNT	ANT1	2Mbps	2480.00	2.052

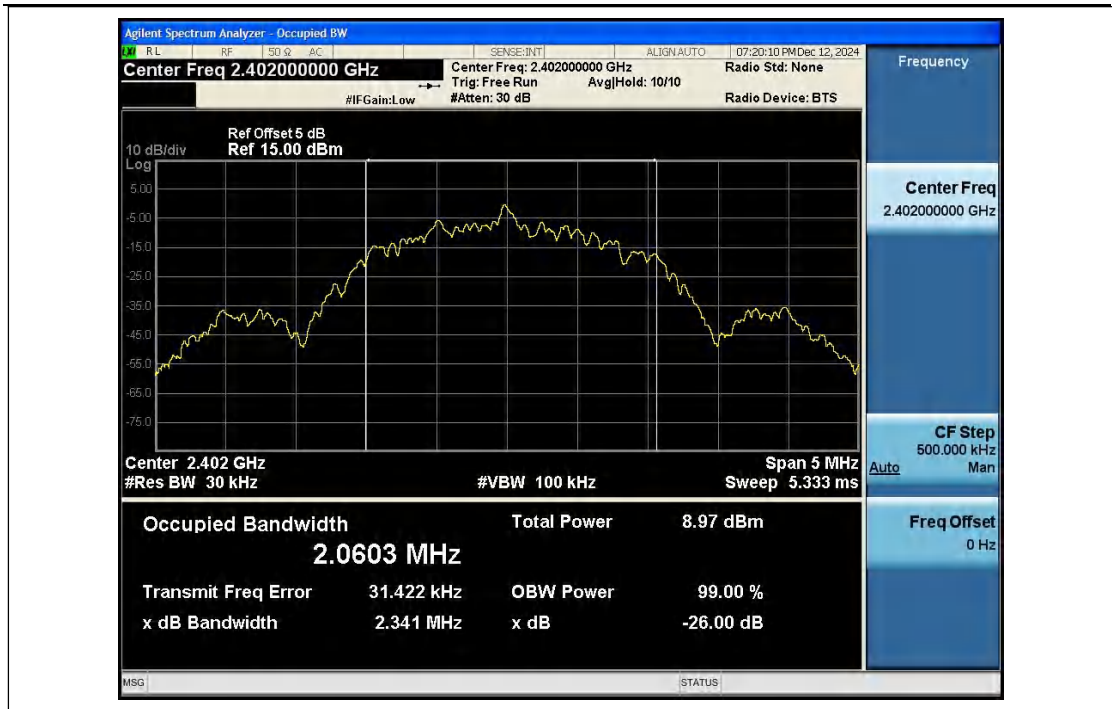
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



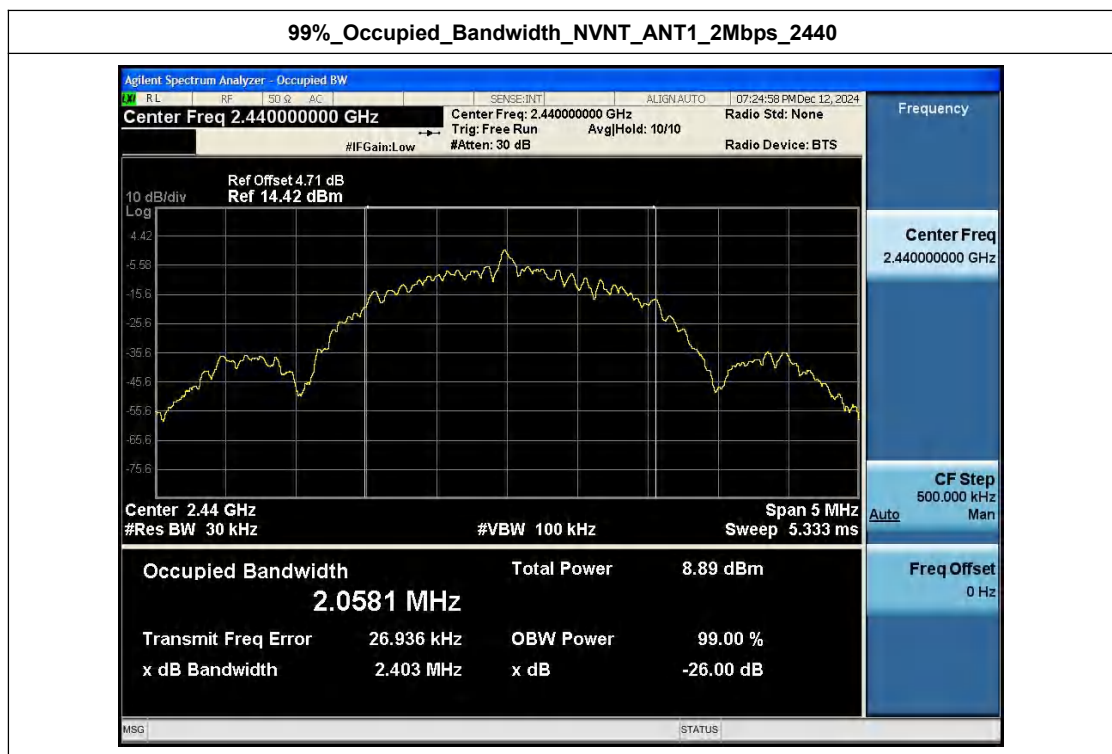
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



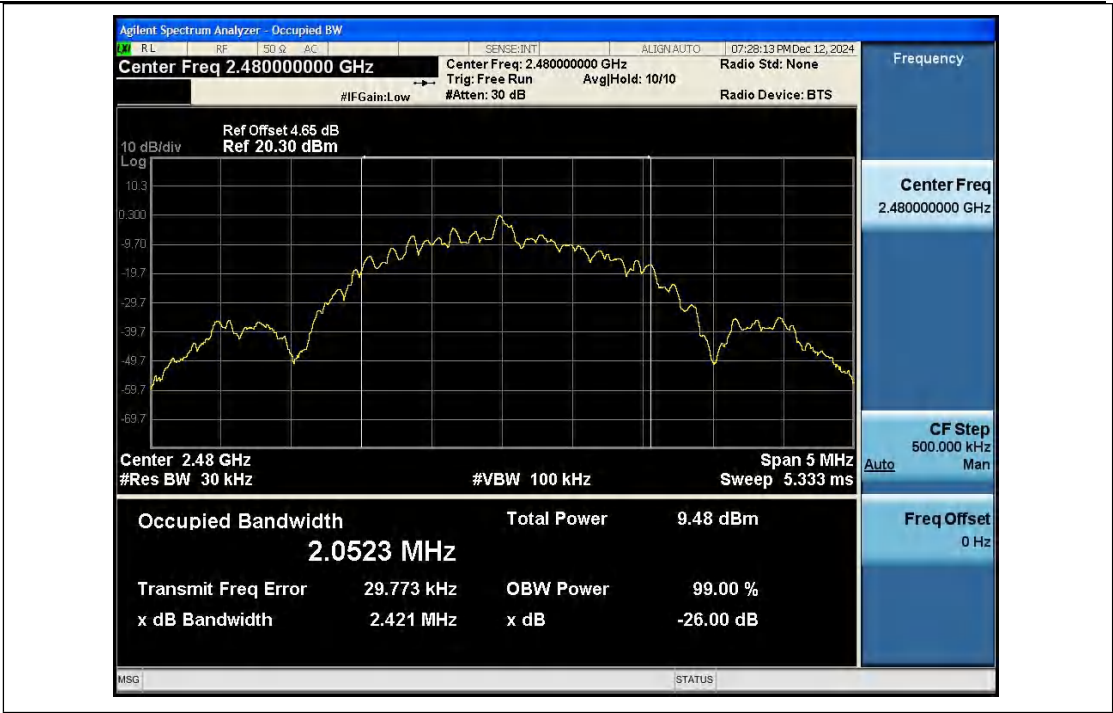
99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



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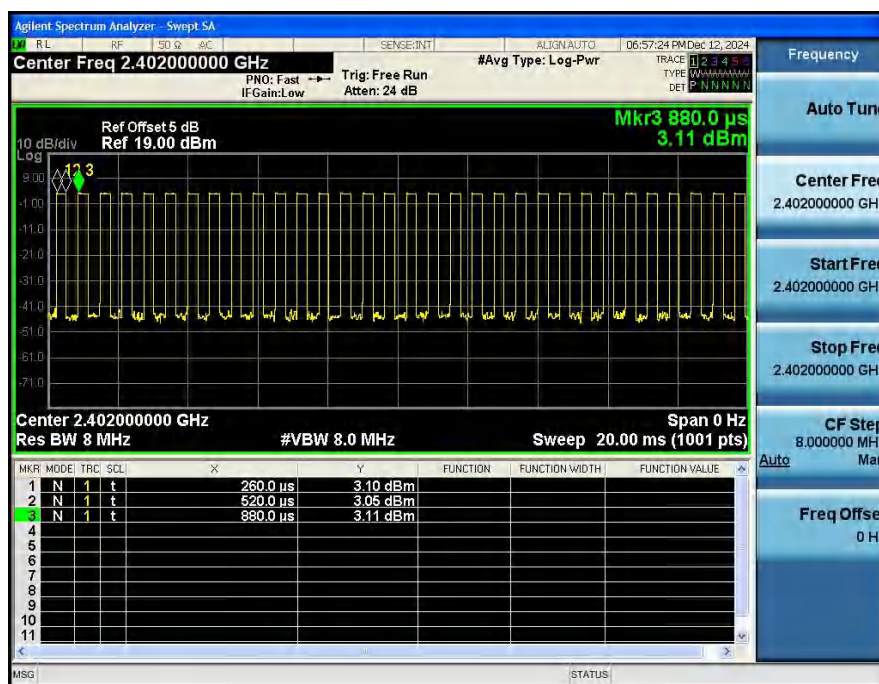
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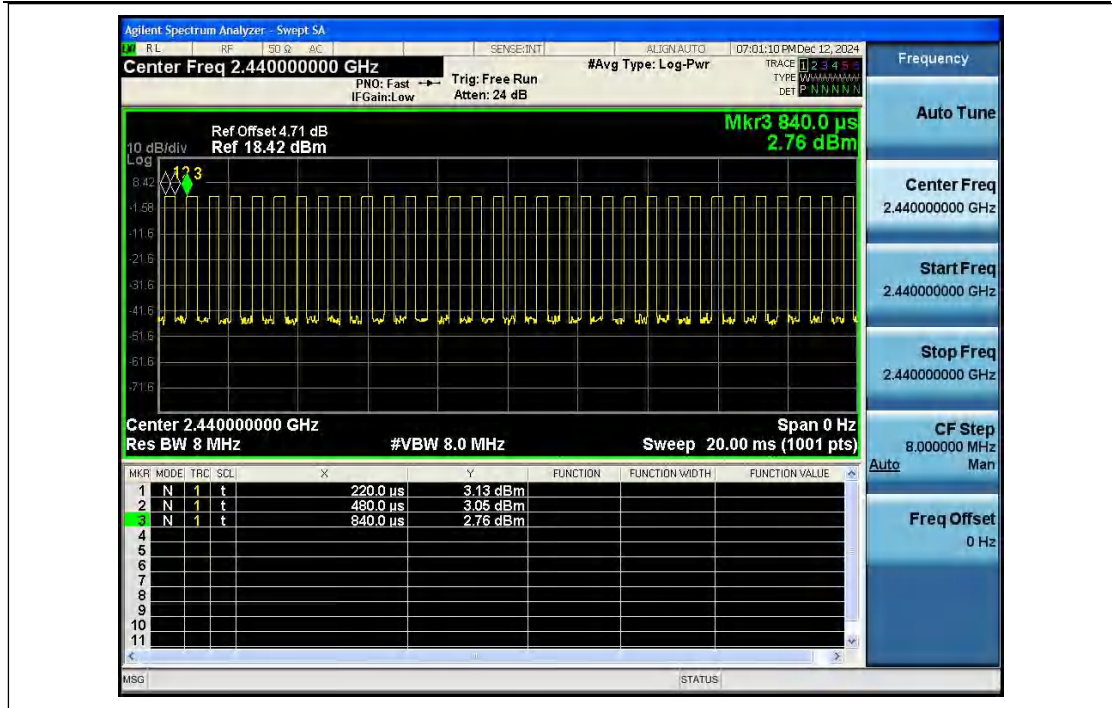
Appendix C: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	41.94	3.77
NVNT	ANT1	1Mbps	2440.00	41.94	3.77
NVNT	ANT1	1Mbps	2480.00	41.94	3.77
NVNT	ANT1	2Mbps	2402.00	25.81	5.88
NVNT	ANT1	2Mbps	2440.00	22.58	6.46
NVNT	ANT1	2Mbps	2480.00	22.58	6.46

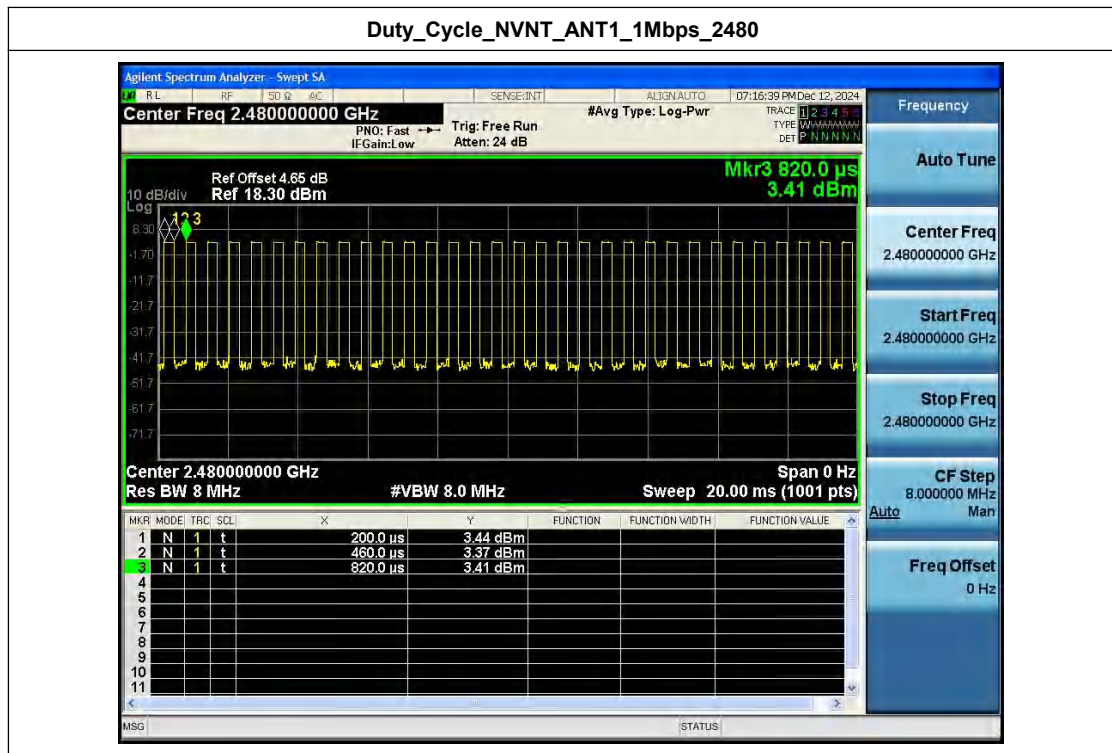
Duty_Cycle_NVNT_ANT1_1Mbps_2402



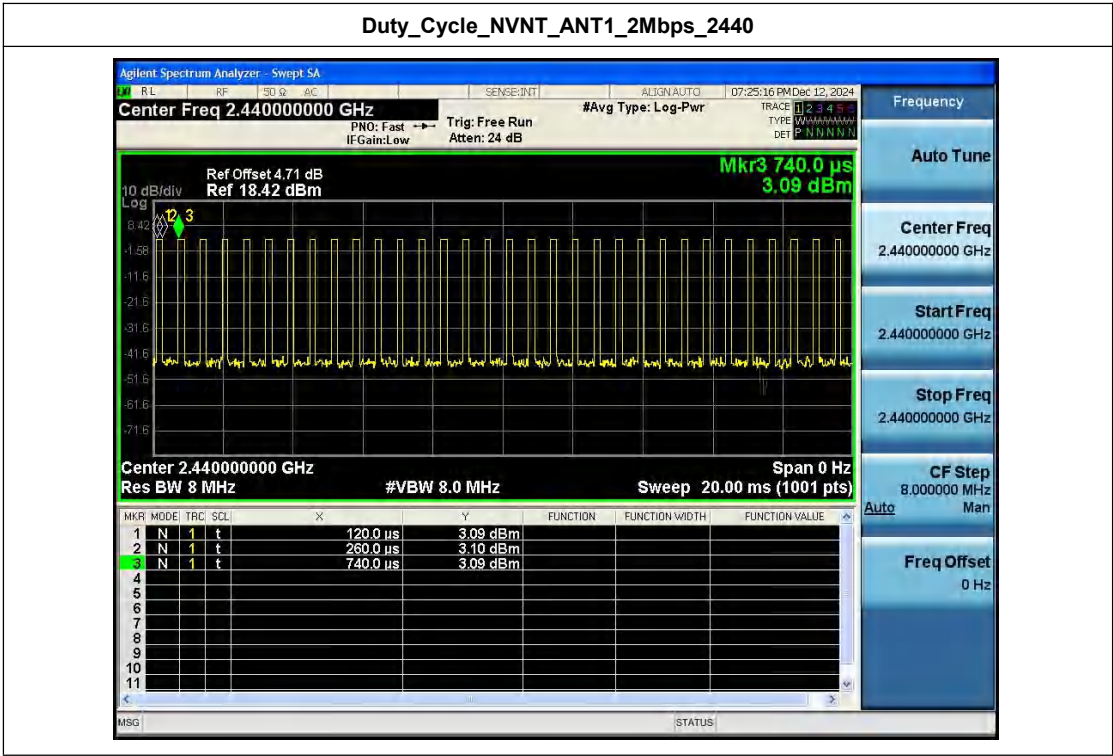
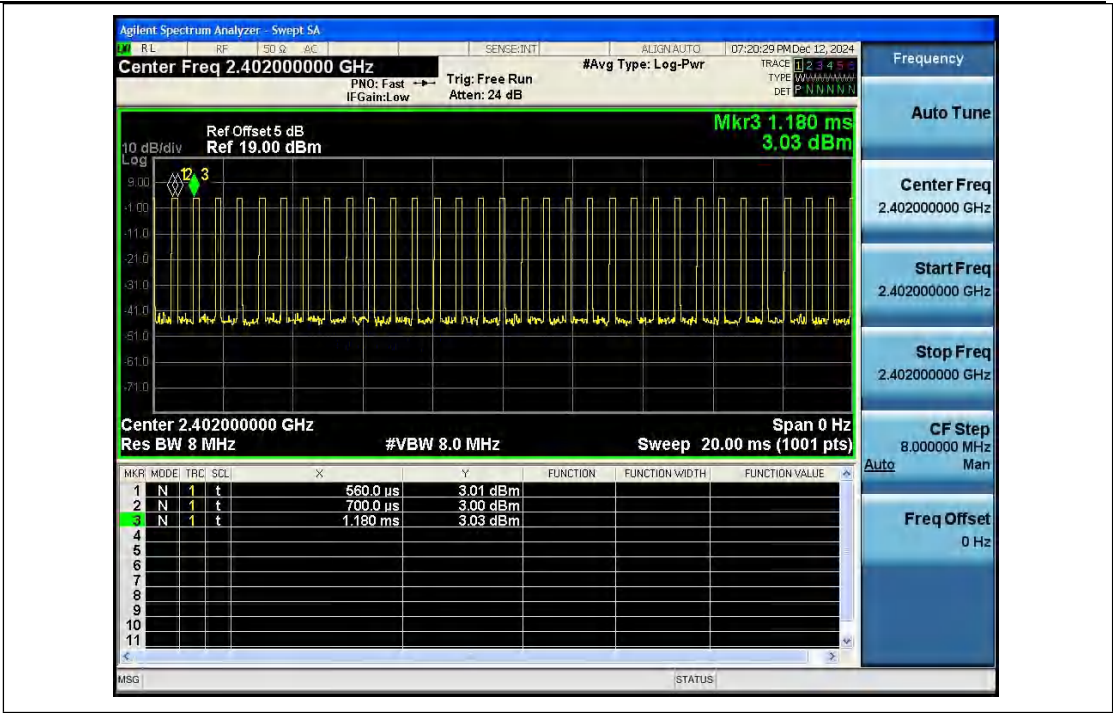
Duty_Cycle_NVNT_ANT1_1Mbps_2440



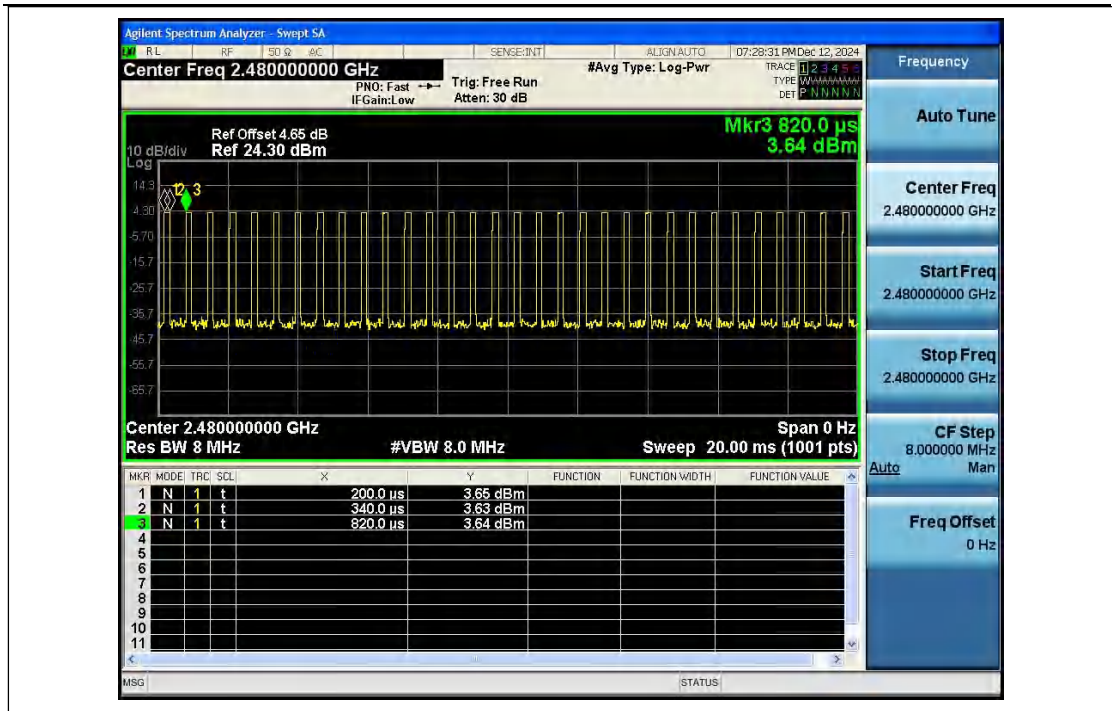
Duty_Cycle_NVNT_ANT1_1Mbps_2480



Duty_Cycle_NVNT_ANT1_2Mbps_2402



Duty_Cycle_NVNT_ANT1_2Mbps_2480



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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	2.96	1.98	1000	Pass
NVNT	ANT1	1Mbps	2440.00	3.00	2.00	1000	Pass
NVNT	ANT1	1Mbps	2480.00	3.54	2.26	1000	Pass
NVNT	ANT1	2Mbps	2402.00	3.15	2.07	1000	Pass
NVNT	ANT1	2Mbps	2440.00	3.14	2.06	1000	Pass
NVNT	ANT1	2Mbps	2480.00	3.65	2.32	1000	Pass

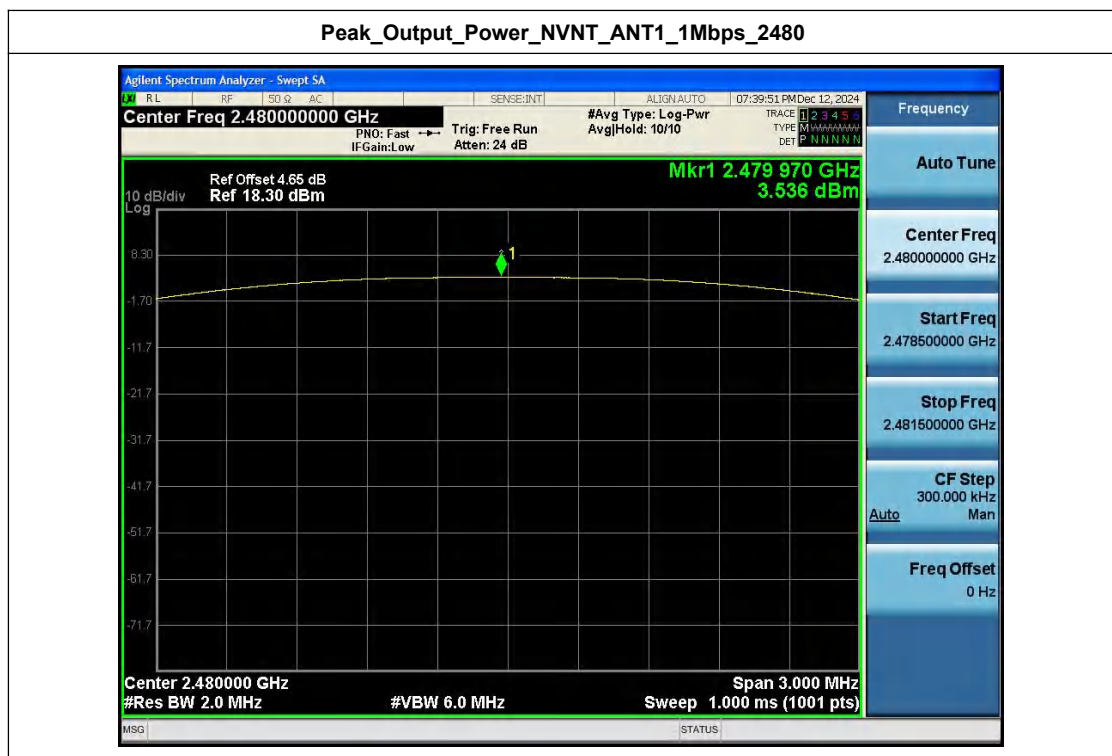
Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



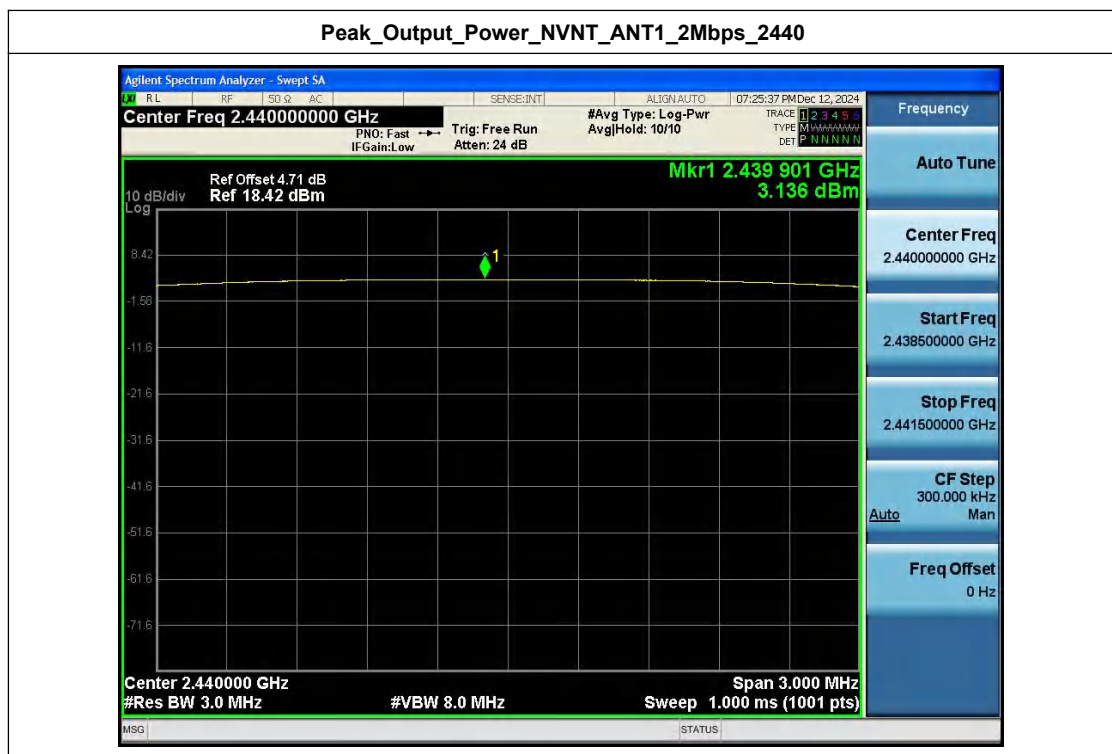
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



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 E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-11.92	8	Pass
NVNT	ANT1	1Mbps	2440.00	-11.24	8	Pass
NVNT	ANT1	1Mbps	2480.00	-11.69	8	Pass
NVNT	ANT1	2Mbps	2402.00	-14.23	8	Pass
NVNT	ANT1	2Mbps	2440.00	-13.83	8	Pass
NVNT	ANT1	2Mbps	2480.00	-14.80	8	Pass

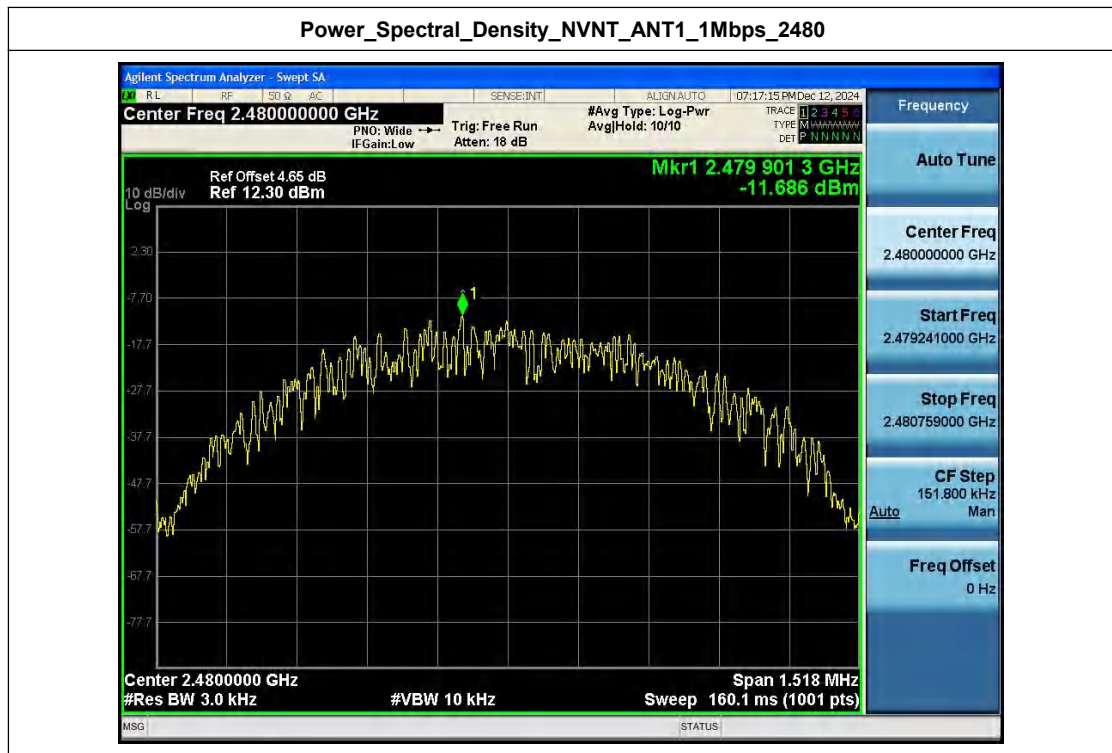
Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

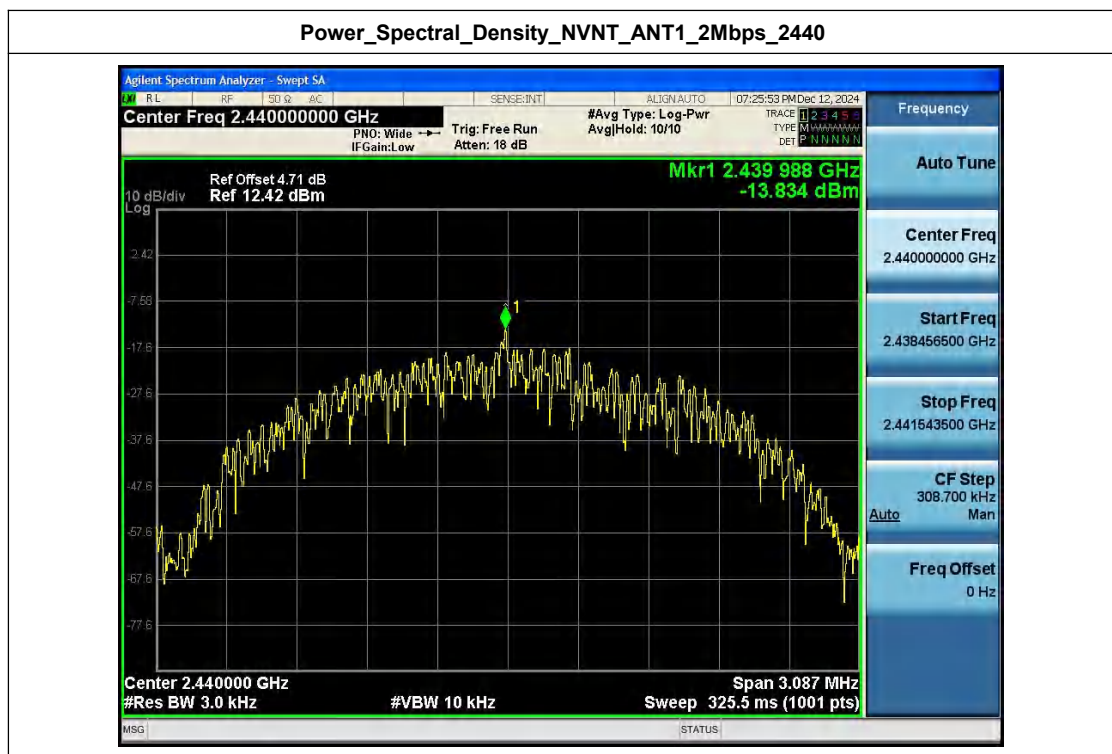


Power_Spectral_Density_NVNT_ANT1_2Mbps_2402





Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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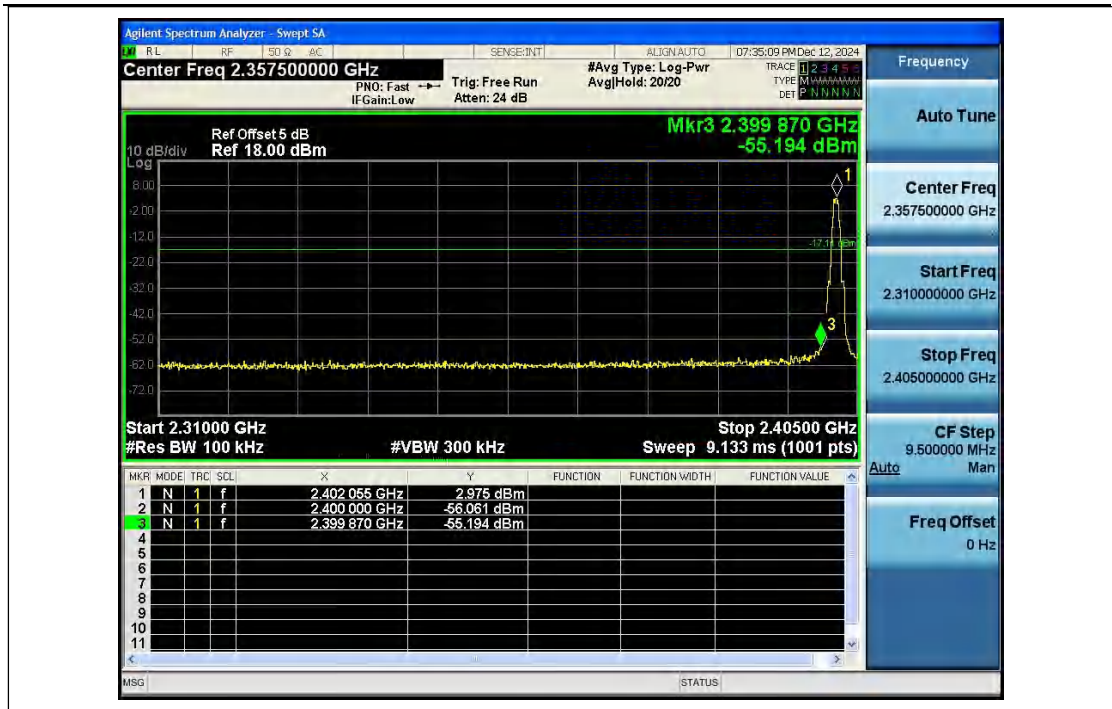
Appendix F: Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.870	2.890	-55.194	-17.110	Pass
NVNT	ANT1	1Mbps	2480.00	2483.525	3.453	-59.890	-16.547	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	2.994	-29.941	-17.006	Pass
NVNT	ANT1	2Mbps	2480.00	2483.525	3.484	-58.886	-16.516	Pass

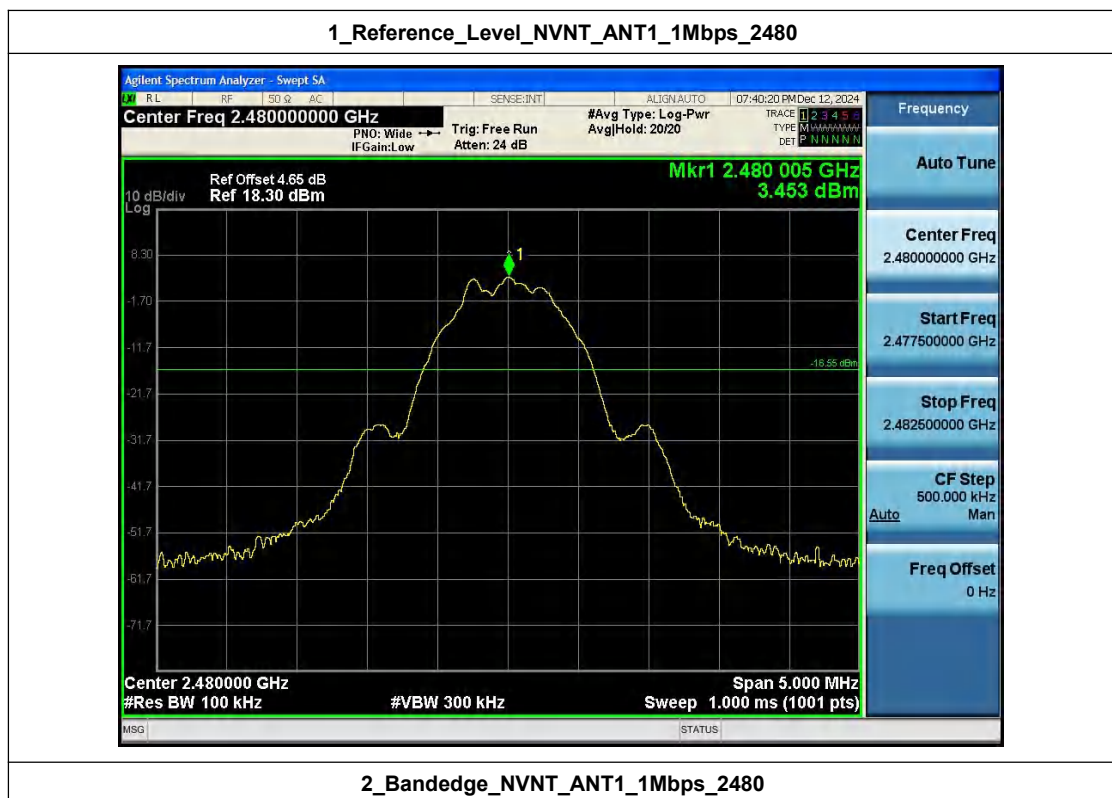
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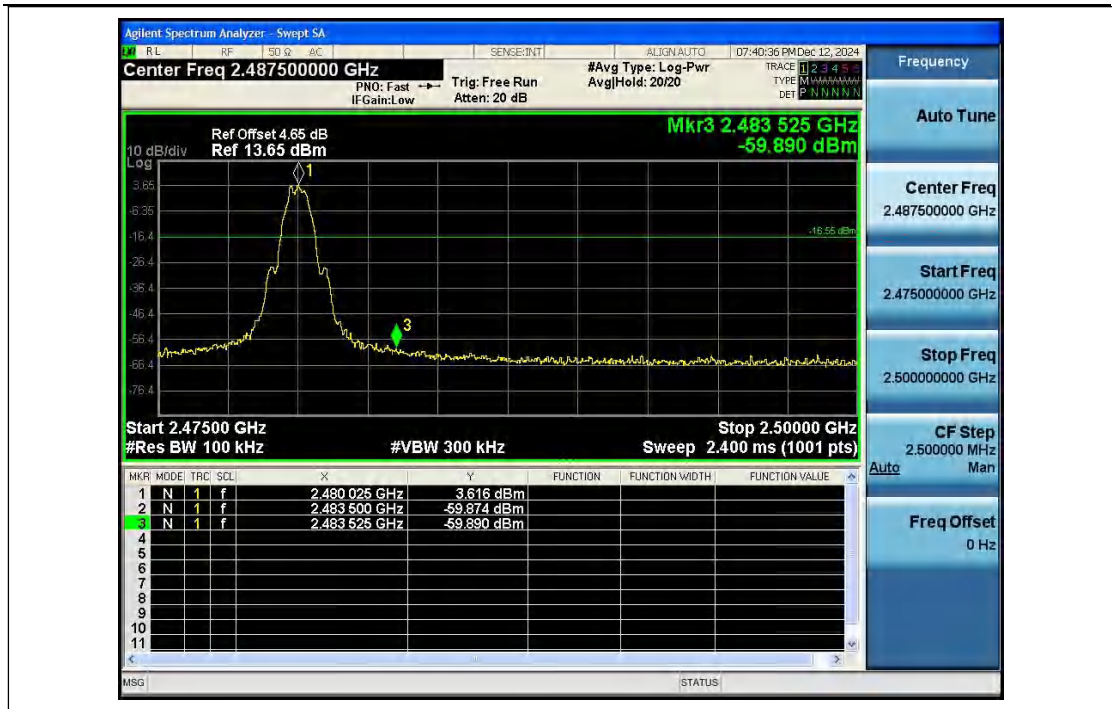
2_Bandedge_NVNT_ANT1_1Mbps_2402



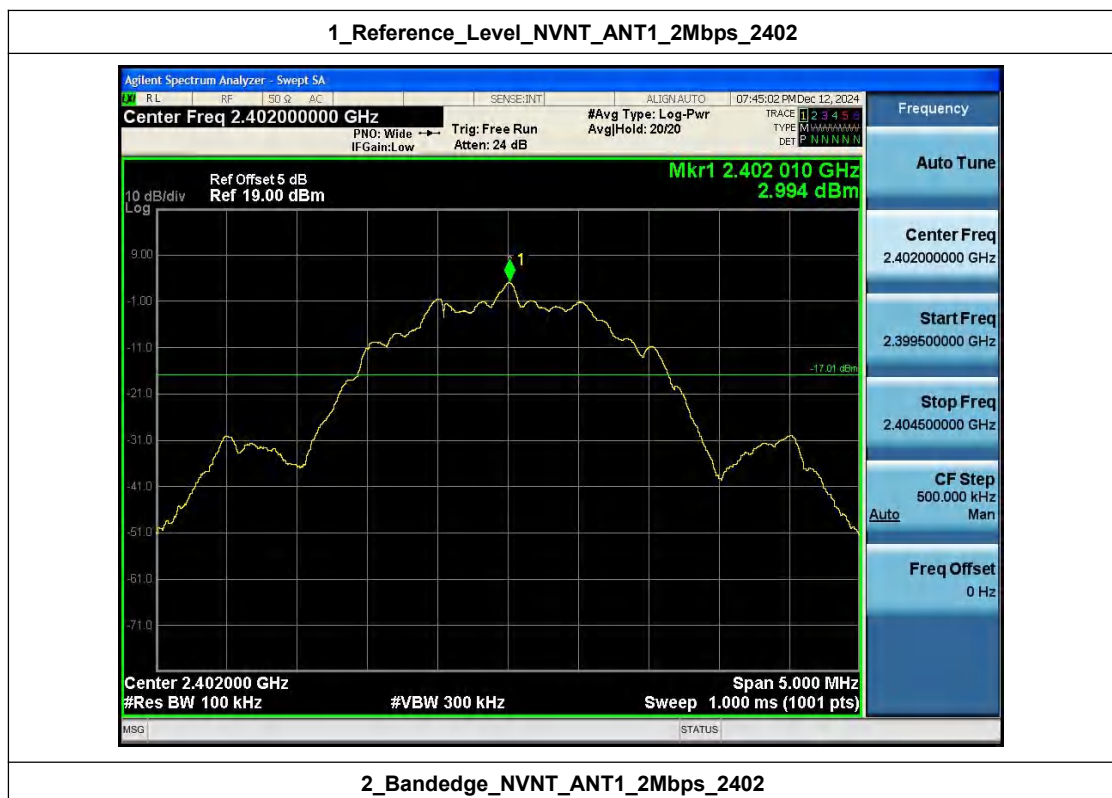
1_Reference_Level_NVNT_ANT1_1Mbps_2480



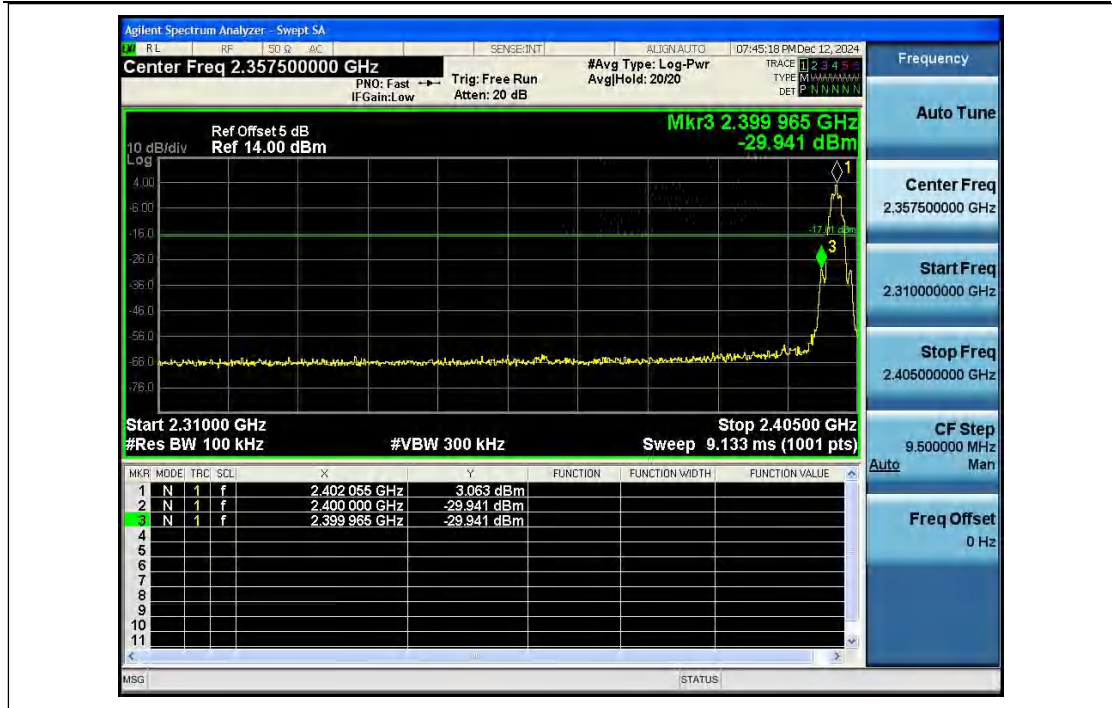
2_Bandedge_NVNT_ANT1_1Mbps_2480



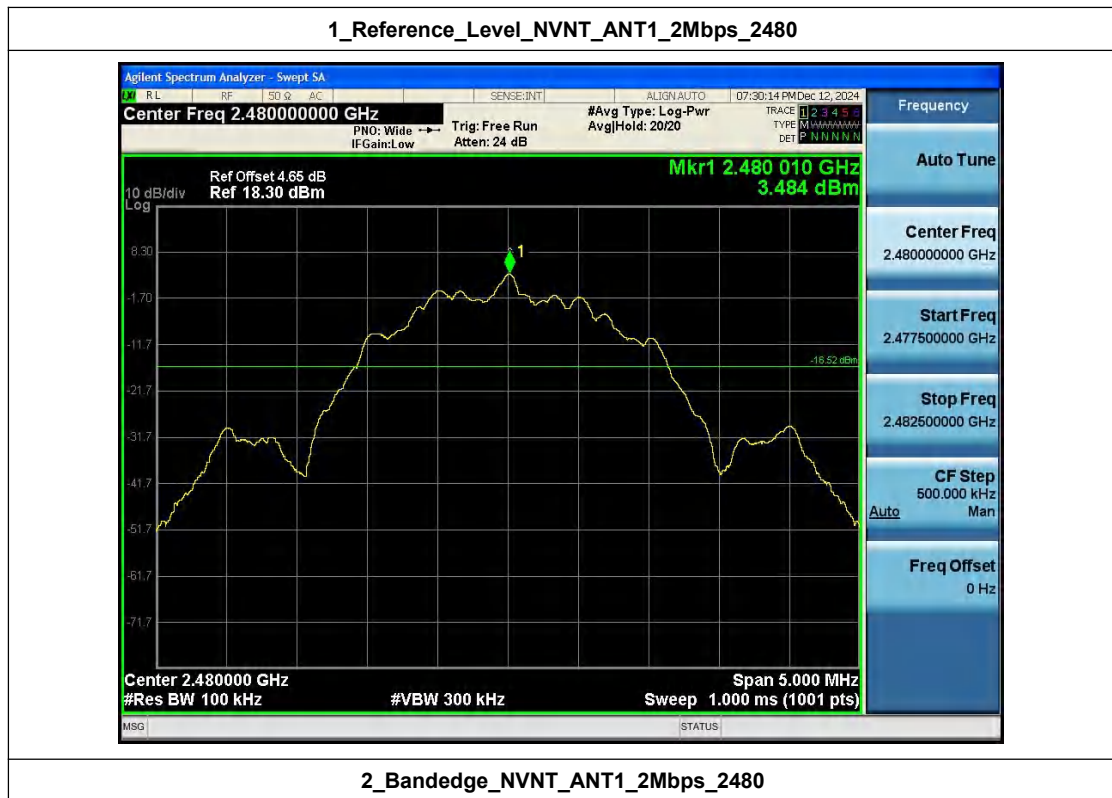
1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Bandedge_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



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Appendix G: Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2.890	-48.572	-17.110	Pass
NVNT	ANT1	1Mbps	2440.00	2.935	-51.956	-17.065	Pass
NVNT	ANT1	1Mbps	2480.00	3.453	-52.774	-16.547	Pass
NVNT	ANT1	2Mbps	2402.00	2.994	-50.973	-17.006	Pass
NVNT	ANT1	2Mbps	2440.00	2.973	-53.276	-17.027	Pass
NVNT	ANT1	2Mbps	2480.00	3.484	-50.272	-16.516	Pass

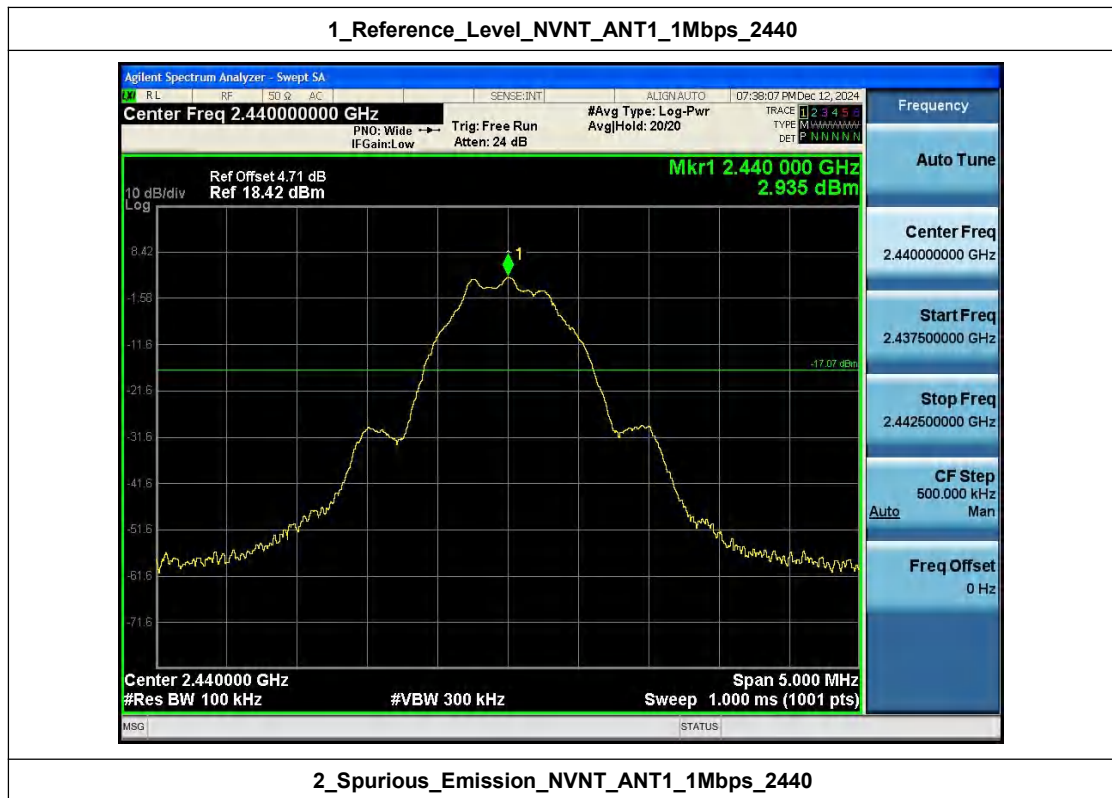
1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2440

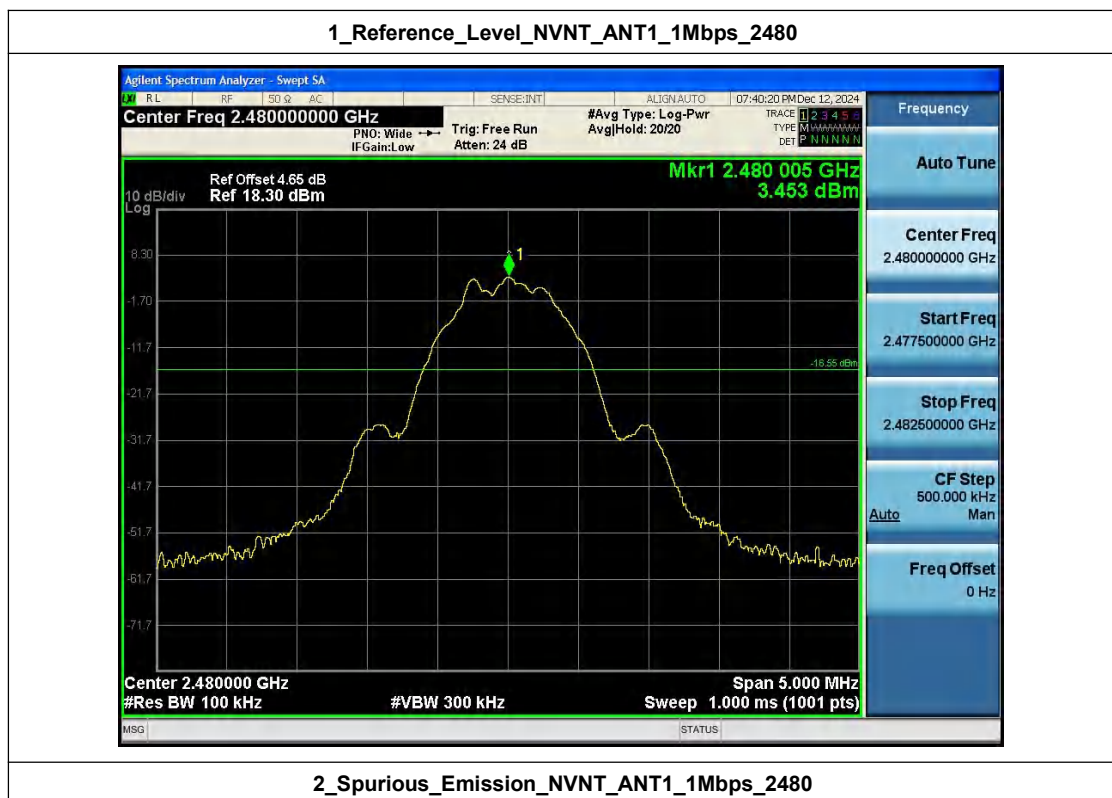


2_Spurious_Emission_NVNT_ANT1_1Mbps_2440





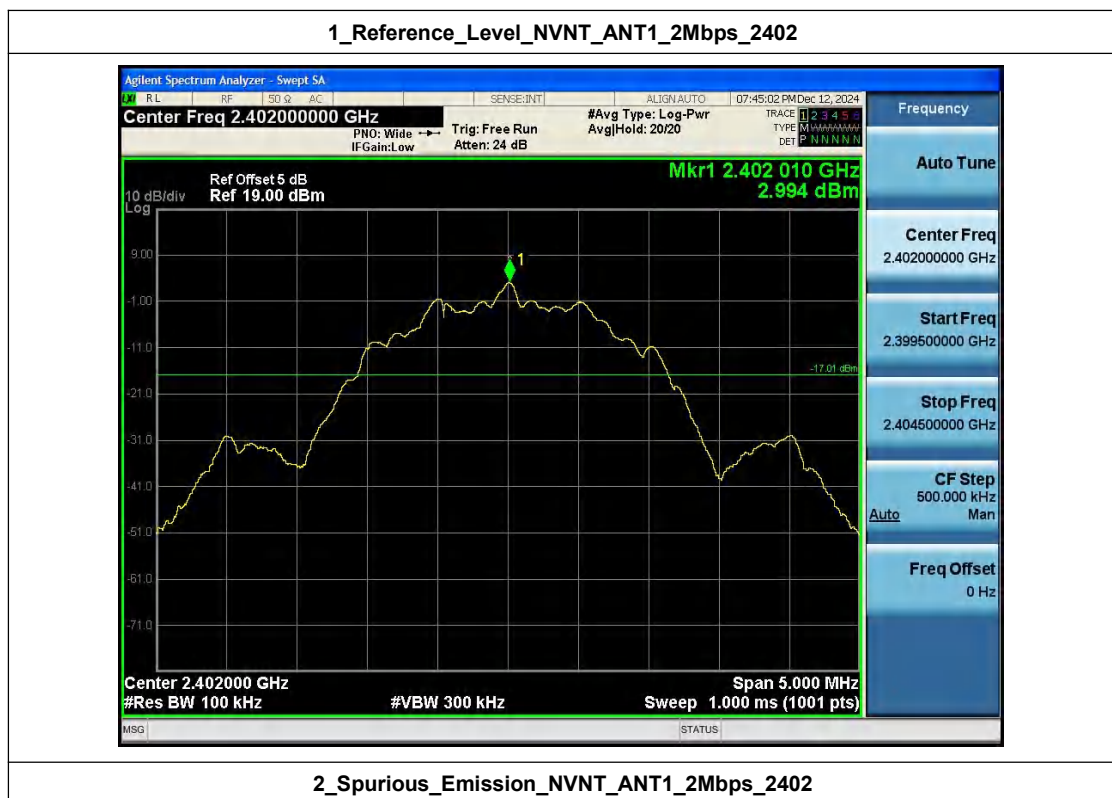
1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



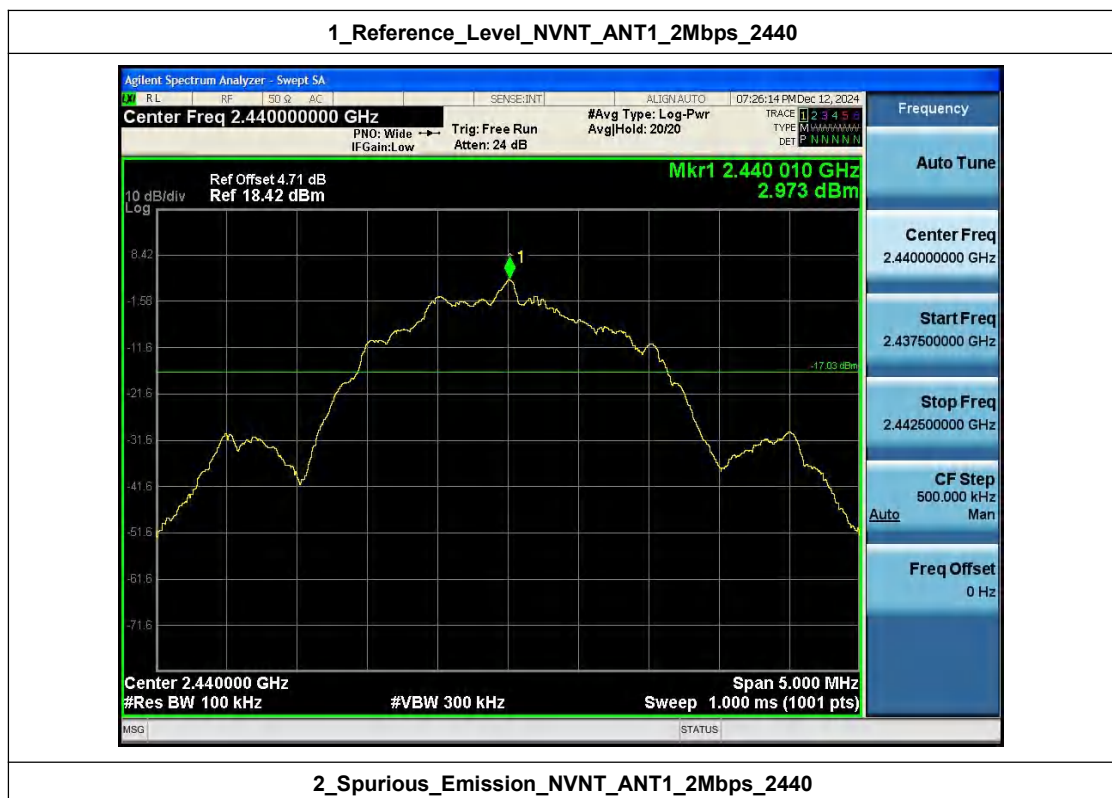
1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



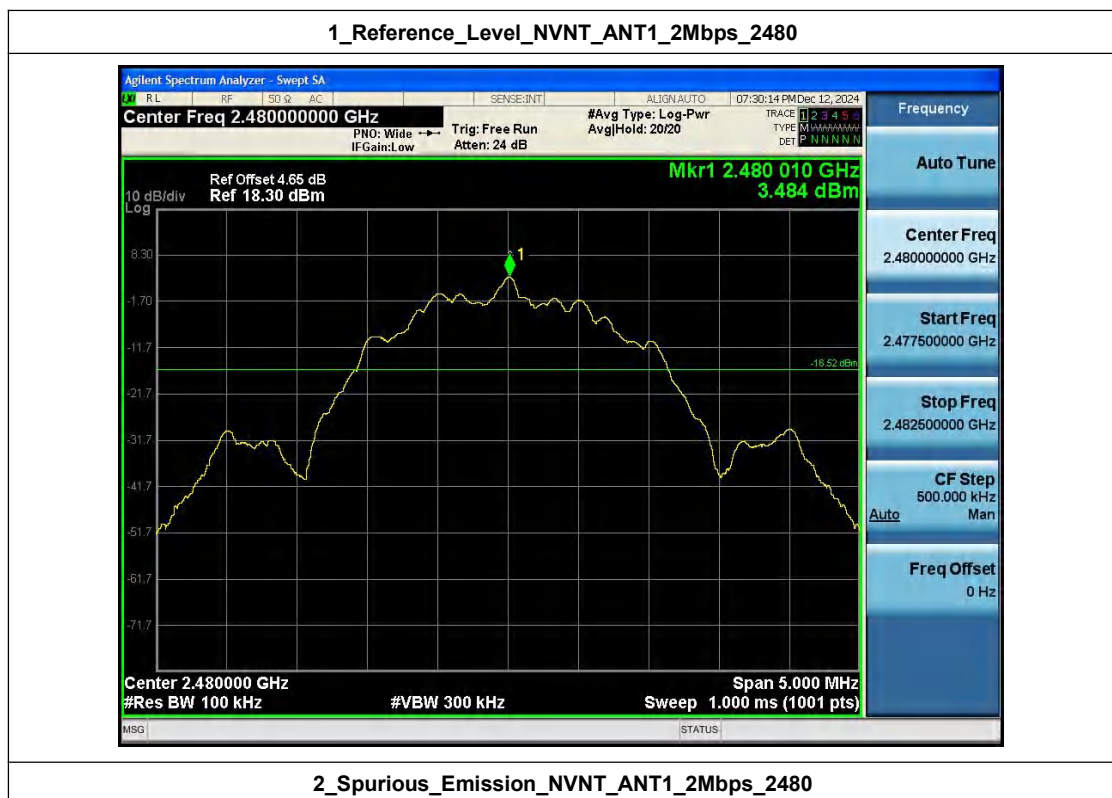
1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



---END---

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