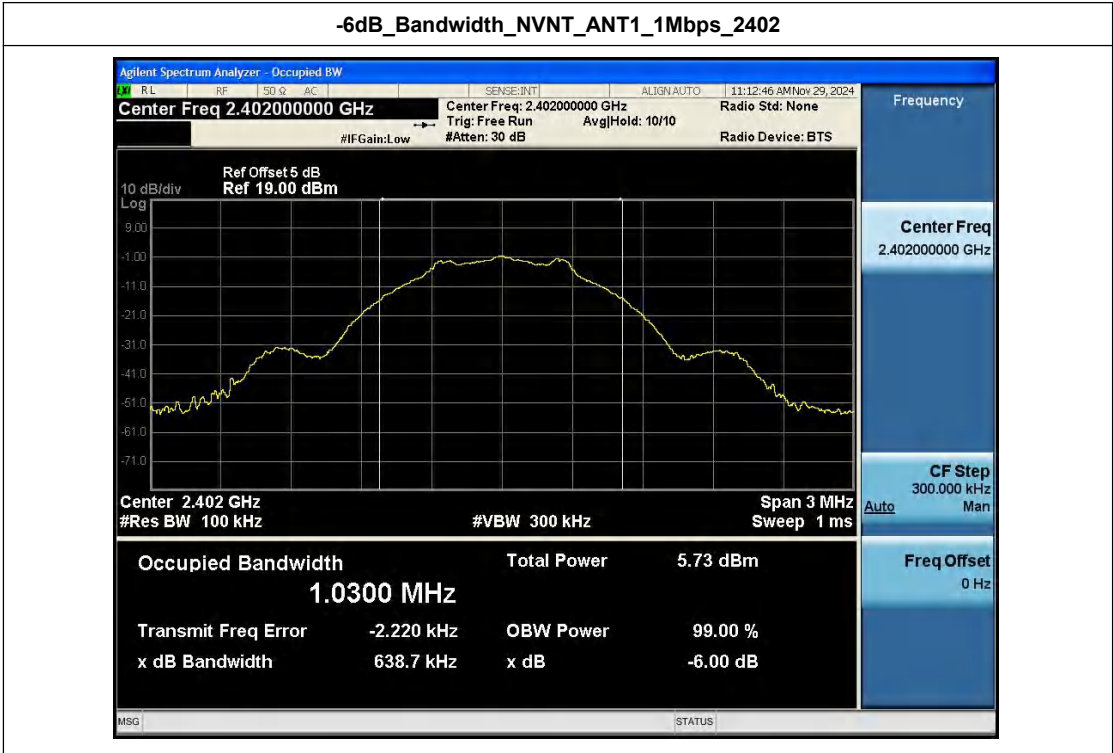


Appendix Test Data

Report No.:	1812C40146512501	Test Sample No.:	1-2-2
Start Test Date:	2024.11.20	Finish Test Date:	2024.11.29
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8℃	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	638.73	500	Pass
NVNT	ANT1	1Mbps	2440.00	638.15	500	Pass
NVNT	ANT1	1Mbps	2480.00	644.06	500	Pass
NVNT	ANT1	2Mbps	2402.00	1132.08	500	Pass
NVNT	ANT1	2Mbps	2440.00	1107.11	500	Pass
NVNT	ANT1	2Mbps	2480.00	1115.07	500	Pass



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440

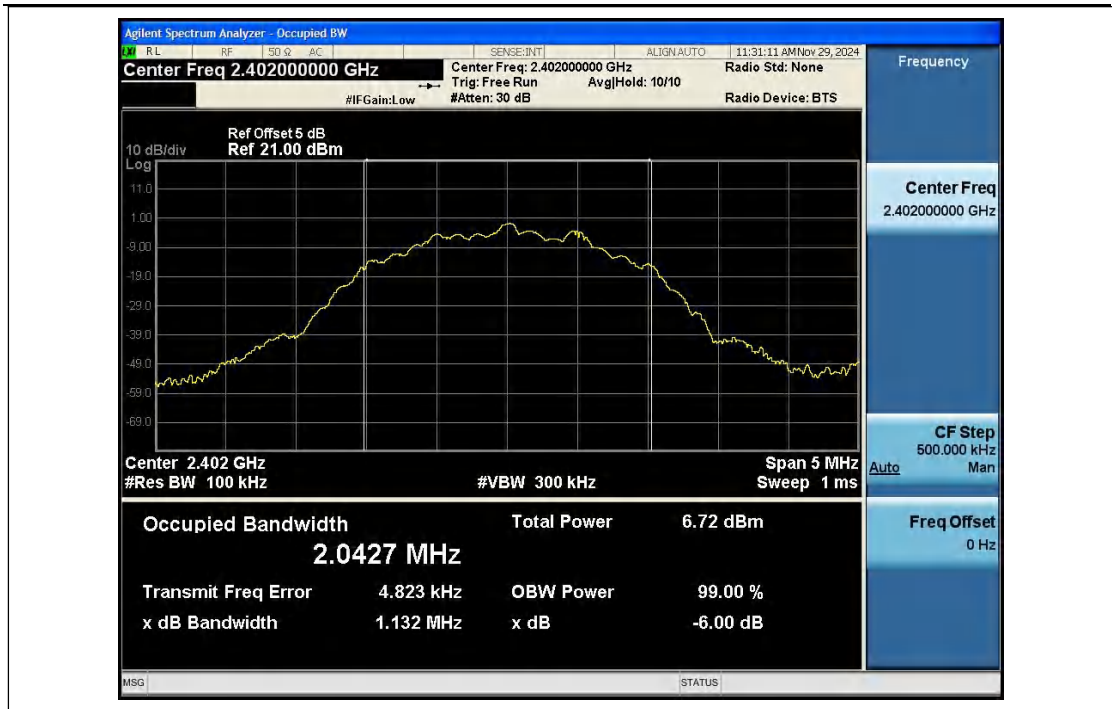


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480

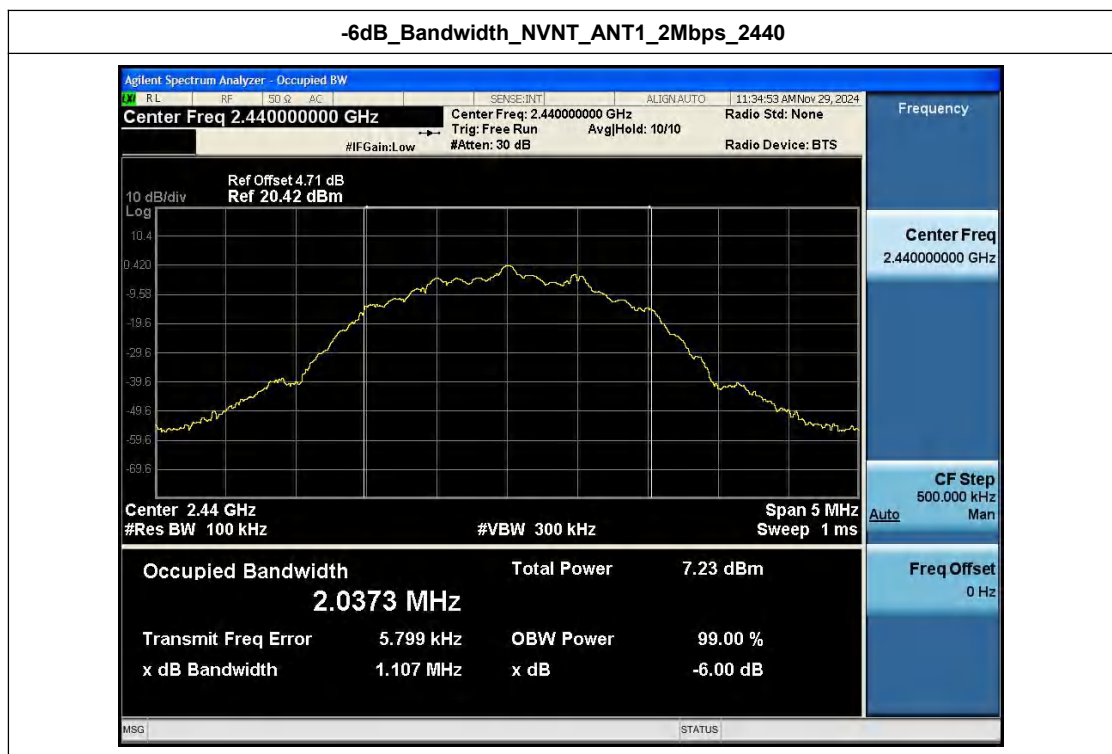


-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



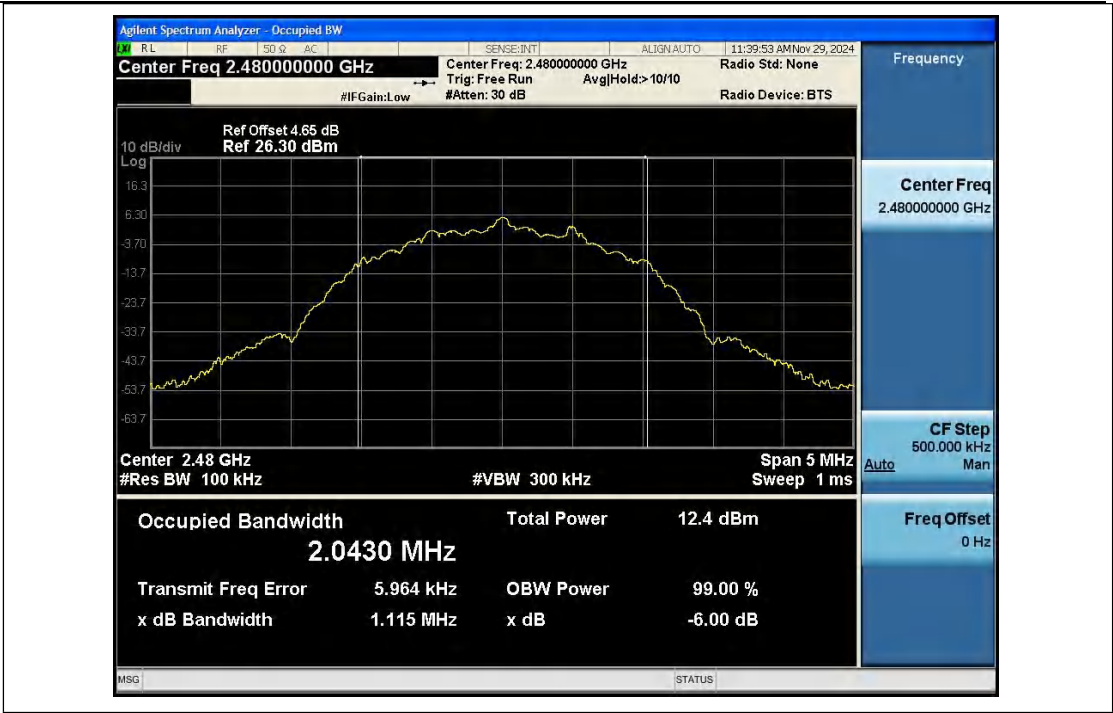


-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480





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Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.028
NVNT	ANT1	1Mbps	2440.00	1.060
NVNT	ANT1	1Mbps	2480.00	1.026
NVNT	ANT1	2Mbps	2402.00	2.026
NVNT	ANT1	2Mbps	2440.00	2.026
NVNT	ANT1	2Mbps	2480.00	2.028

99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402

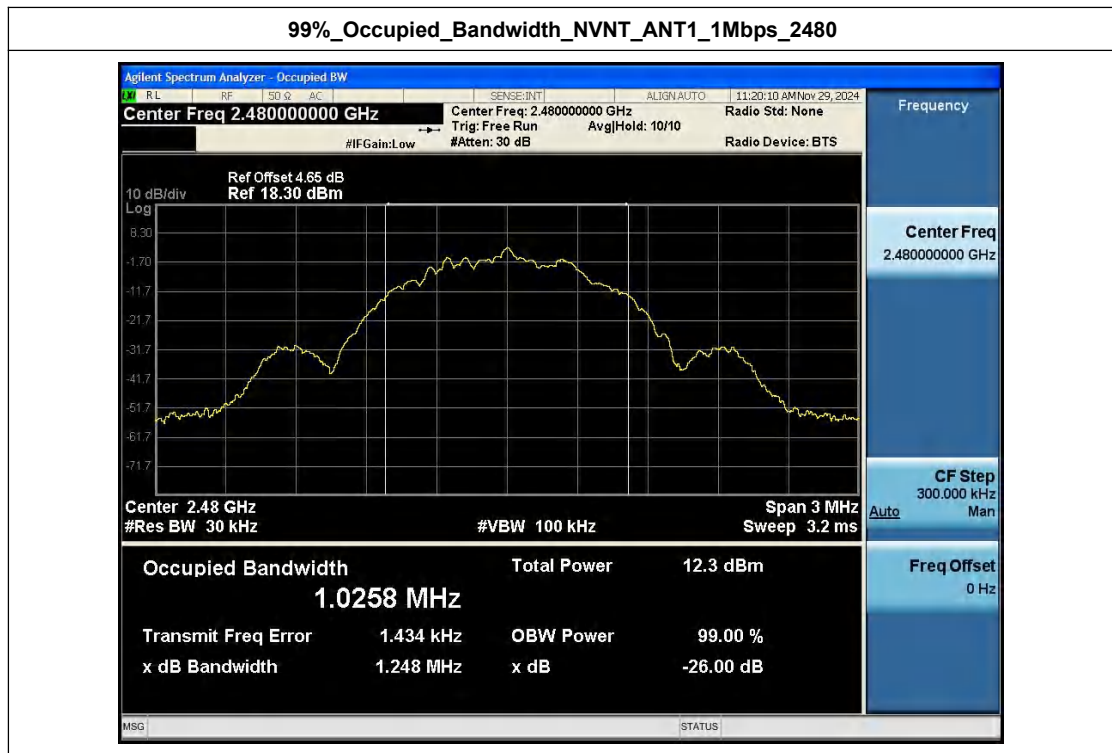


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



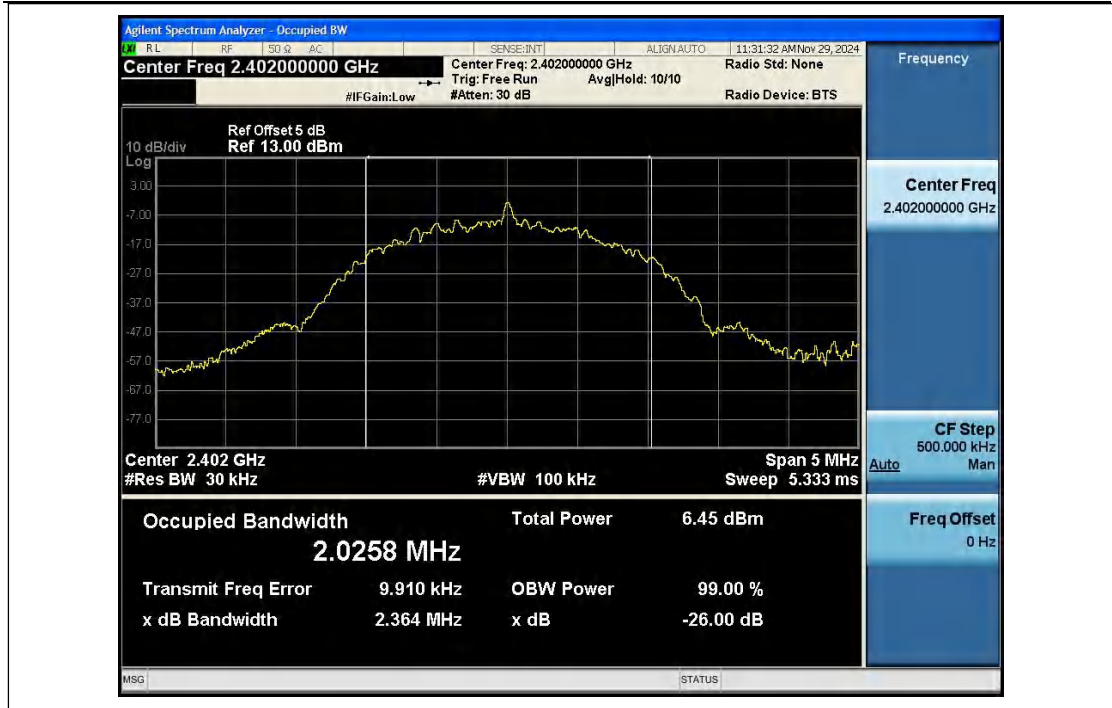


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480

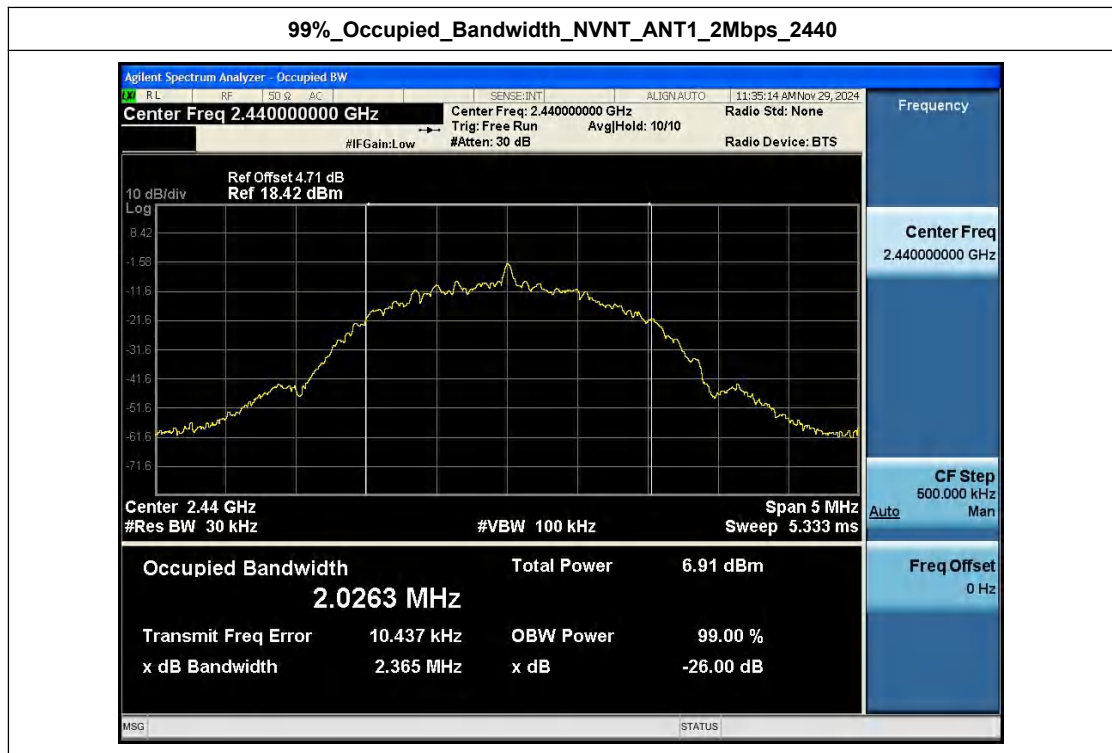


99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



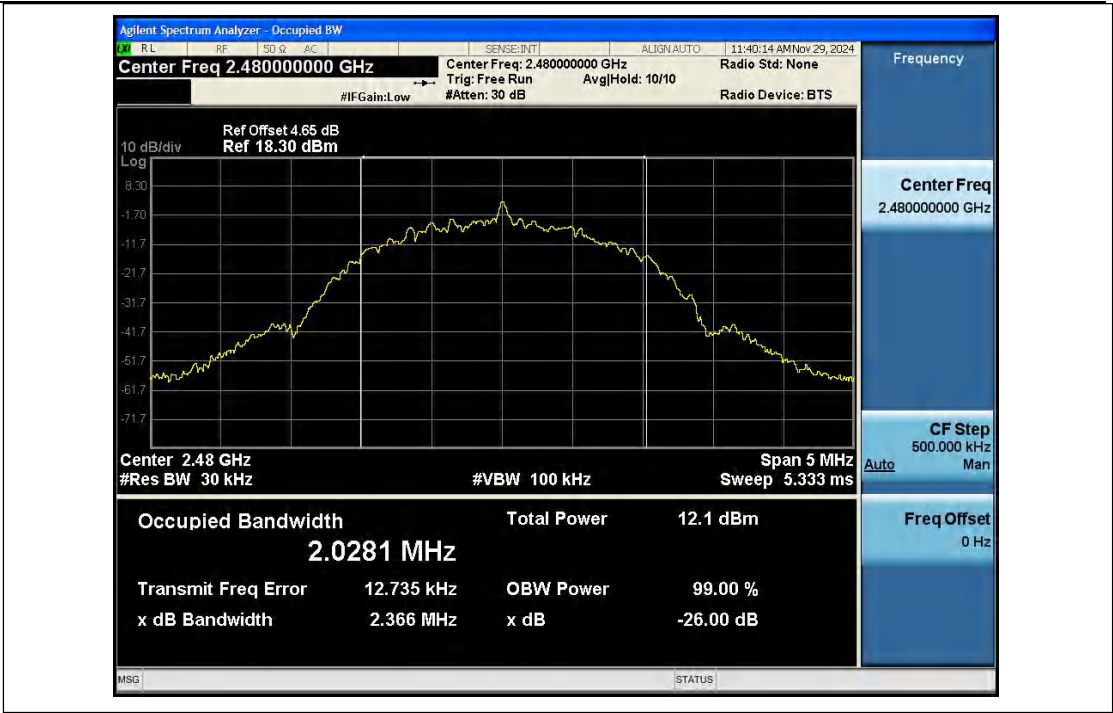


99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480





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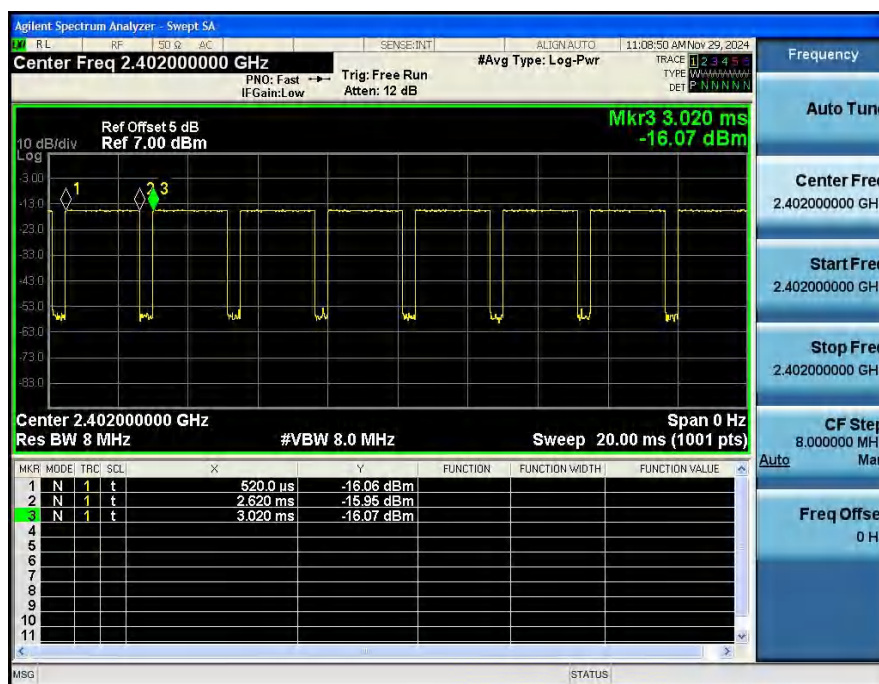
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Appendix C: Duty Cycle

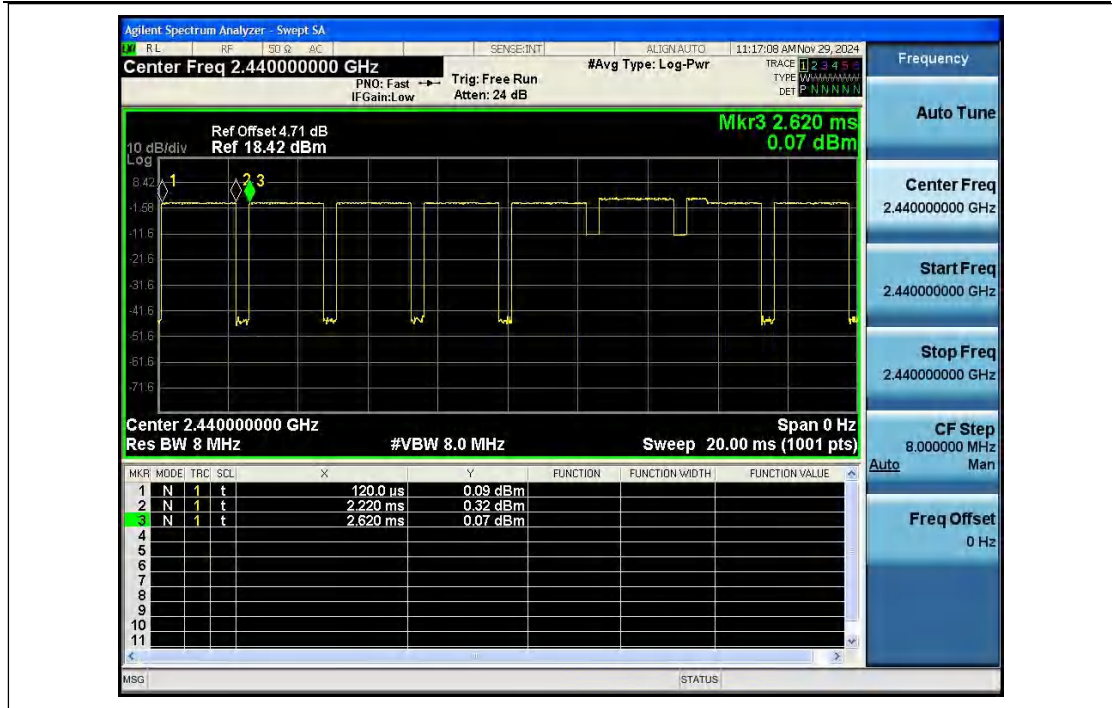
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	84.80	0.72
NVNT	ANT1	1Mbps	2440.00	84.00	0.76
NVNT	ANT1	1Mbps	2480.00	84.80	0.72
NVNT	ANT1	2Mbps	2402.00	56.38	2.49
NVNT	ANT1	2Mbps	2440.00	56.38	2.49
NVNT	ANT1	2Mbps	2480.00	57.45	2.41

Duty_Cycle_NVNT_ANT1_1Mbps_2402

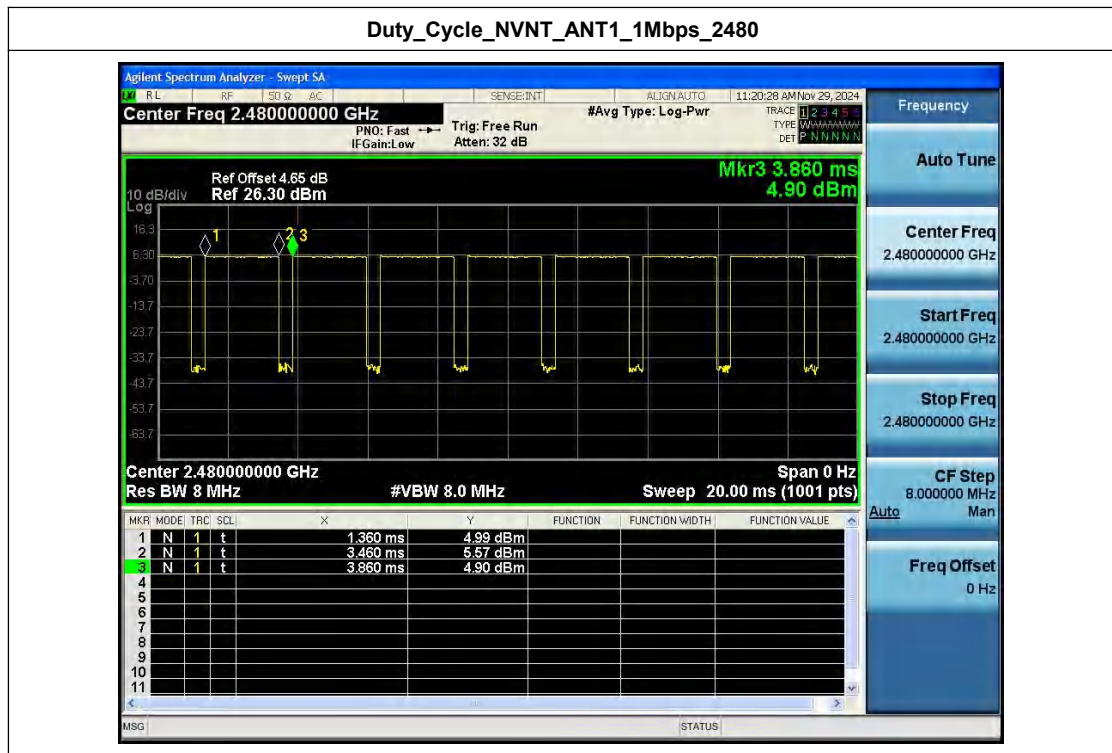


Duty_Cycle_NVNT_ANT1_1Mbps_2440



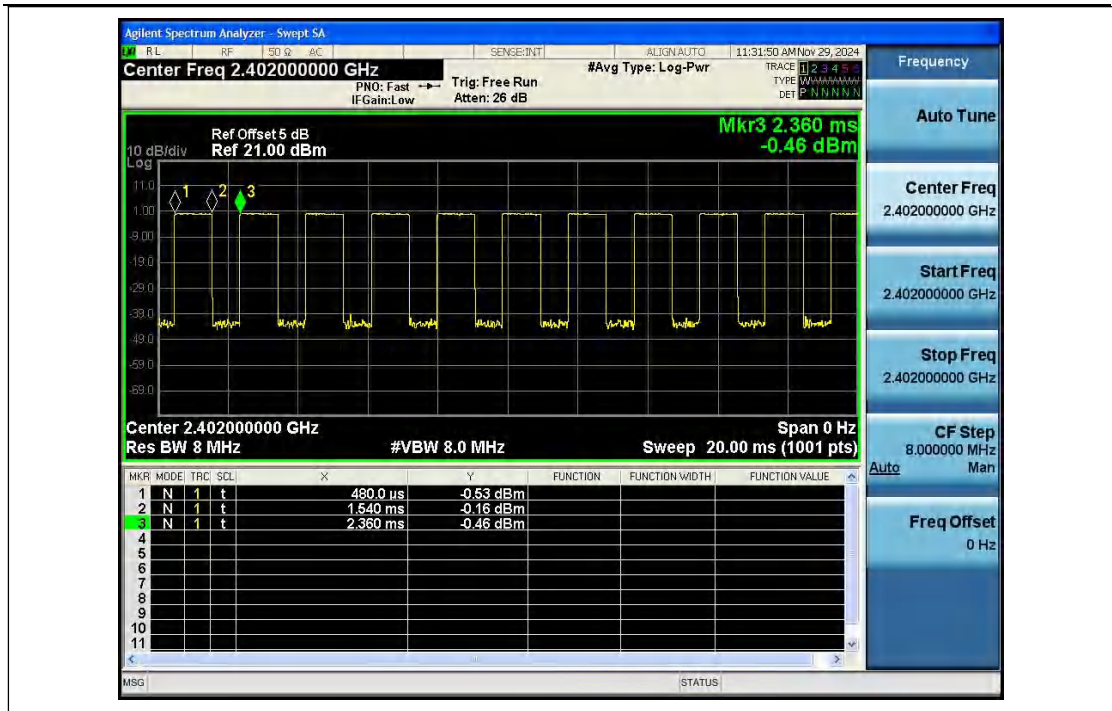


Duty_Cycle_NVNT_ANT1_1Mbps_2480

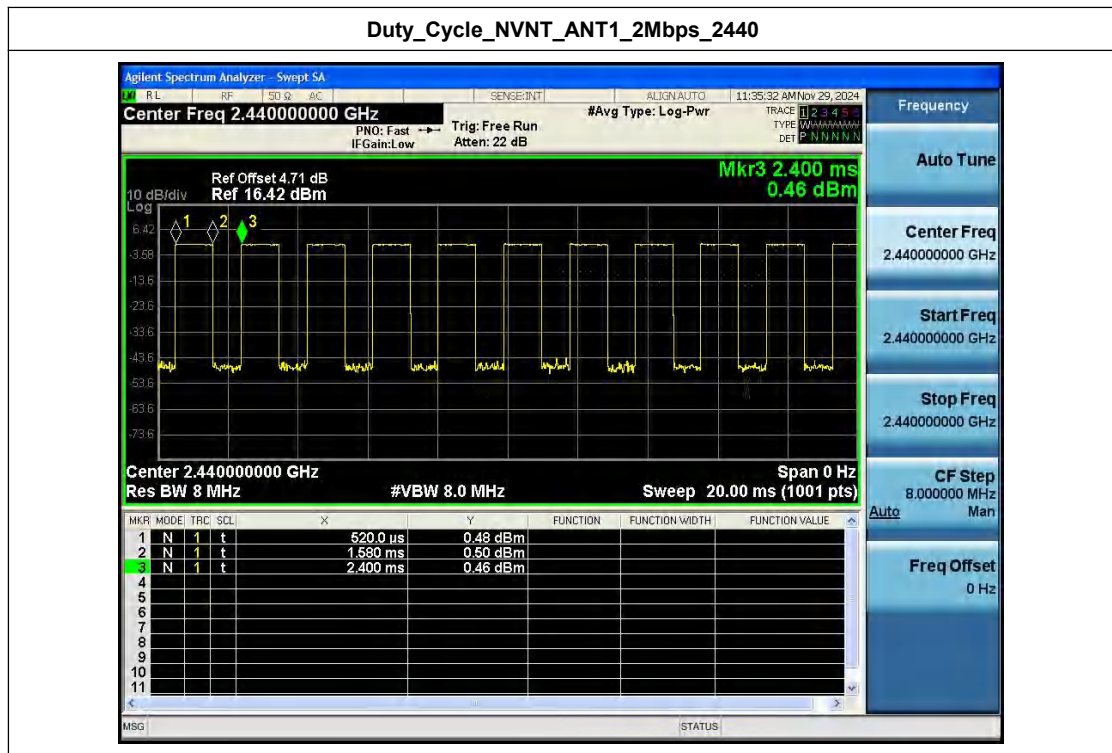


Duty_Cycle_NVNT_ANT1_2Mbps_2402



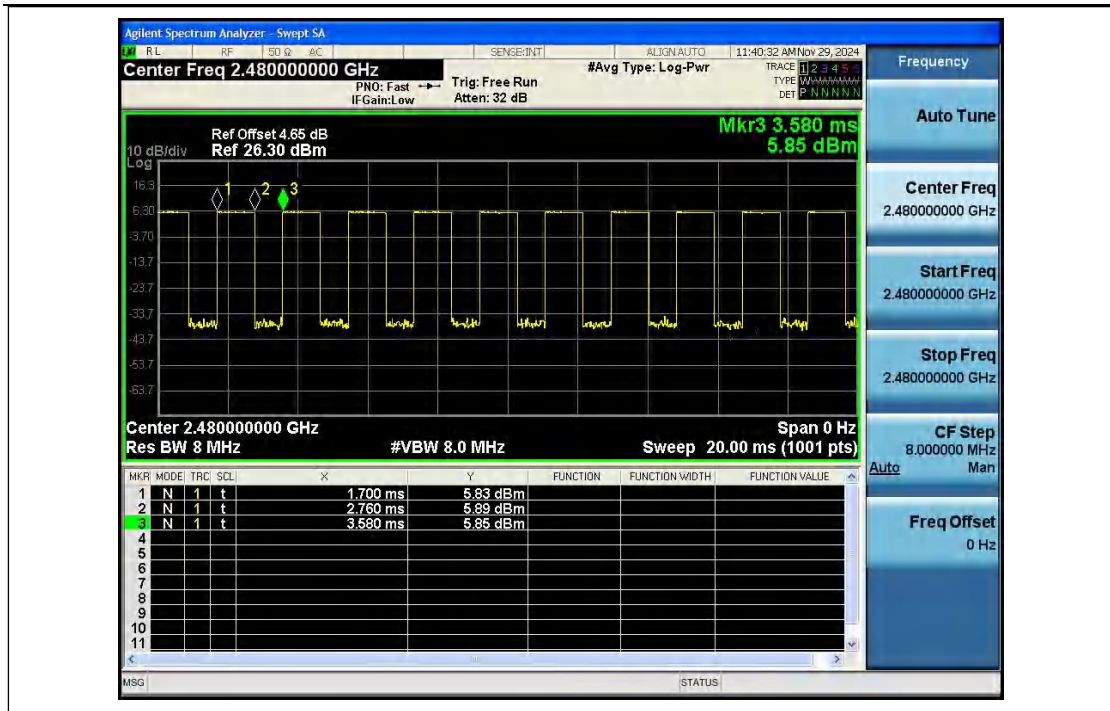


Duty_Cycle_NVNT_ANT1_2Mbps_2440



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	-0.01	1.00	1000	Pass
NVNT	ANT1	1Mbps	2440.00	1.02	1.26	1000	Pass
NVNT	ANT1	1Mbps	2480.00	6.00	3.98	1000	Pass
NVNT	ANT1	2Mbps	2402.00	-0.01	1.00	1000	Pass
NVNT	ANT1	2Mbps	2440.00	0.68	1.17	1000	Pass
NVNT	ANT1	2Mbps	2480.00	6.24	4.20	1000	Pass

Peak_Output_Power_NVNT_ANT1_1Mbps_2402

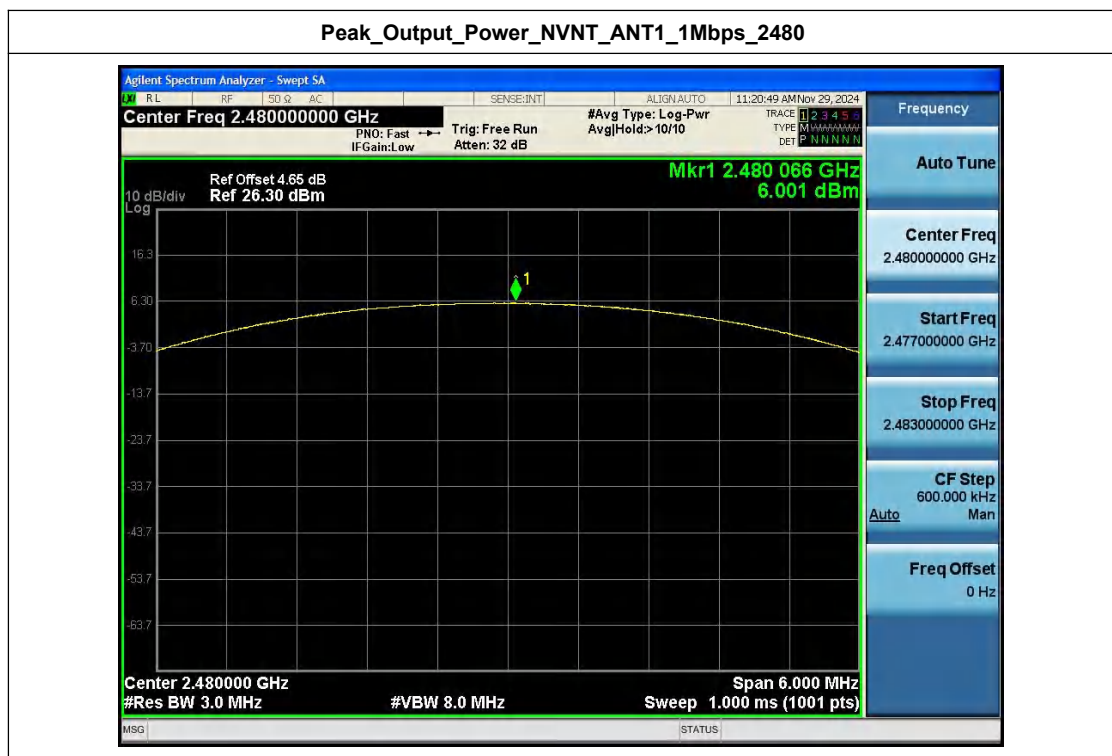


Peak_Output_Power_NVNT_ANT1_1Mbps_2440





Peak_Output_Power_NVNT_ANT1_1Mbps_2480

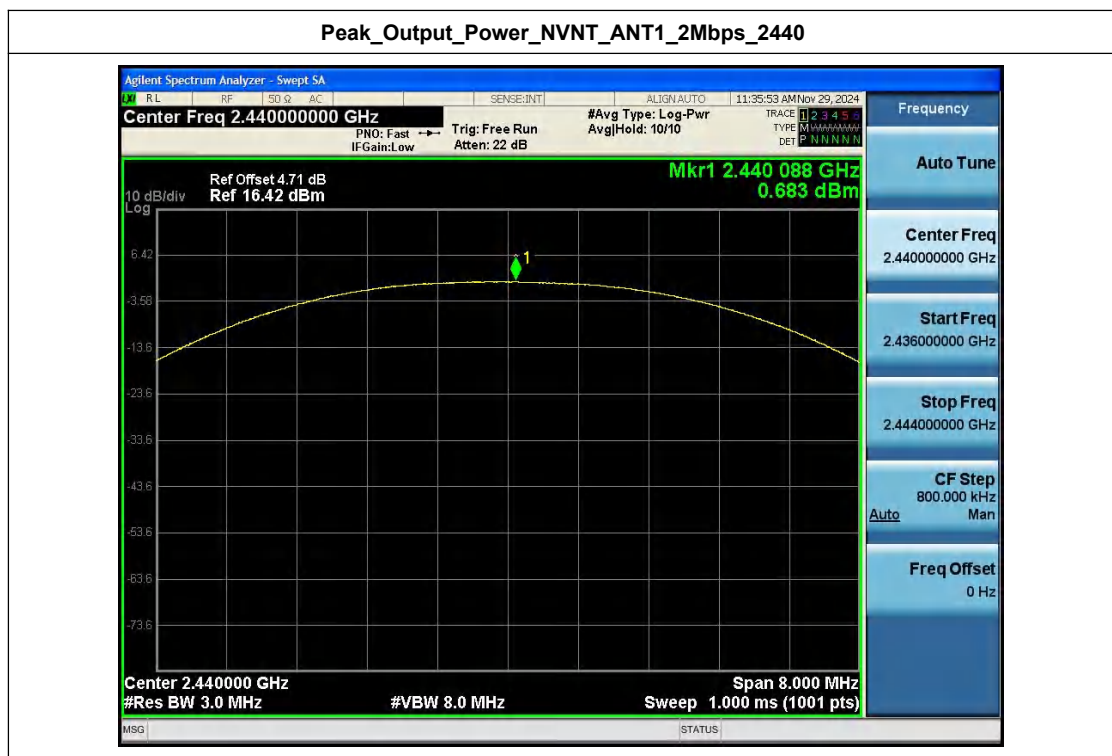


Peak_Output_Power_NVNT_ANT1_2Mbps_2402





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	-15.95	8	Pass
NVNT	ANT1	1Mbps	2440.00	-15.00	8	Pass
NVNT	ANT1	1Mbps	2480.00	-9.52	8	Pass
NVNT	ANT1	2Mbps	2402.00	-17.39	8	Pass
NVNT	ANT1	2Mbps	2440.00	-16.77	8	Pass
NVNT	ANT1	2Mbps	2480.00	-11.68	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402

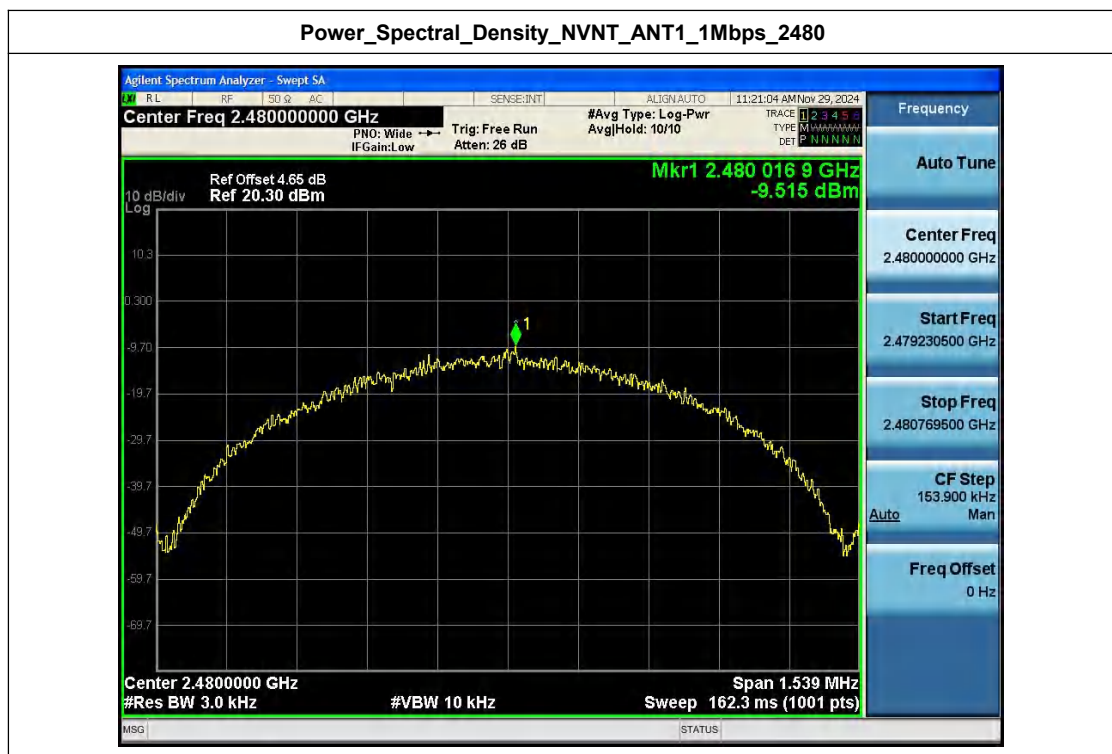


Power_Spectral_Density_NVNT_ANT1_1Mbps_2440





Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

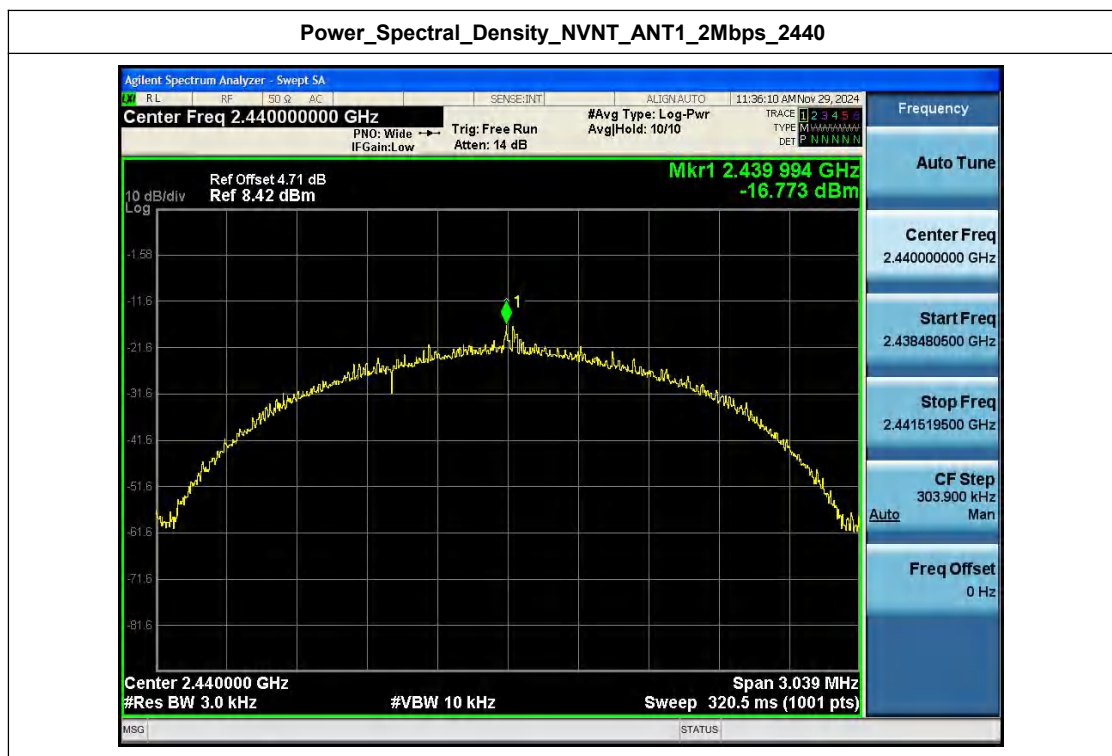


Power_Spectral_Density_NVNT_ANT1_2Mbps_2402





Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480





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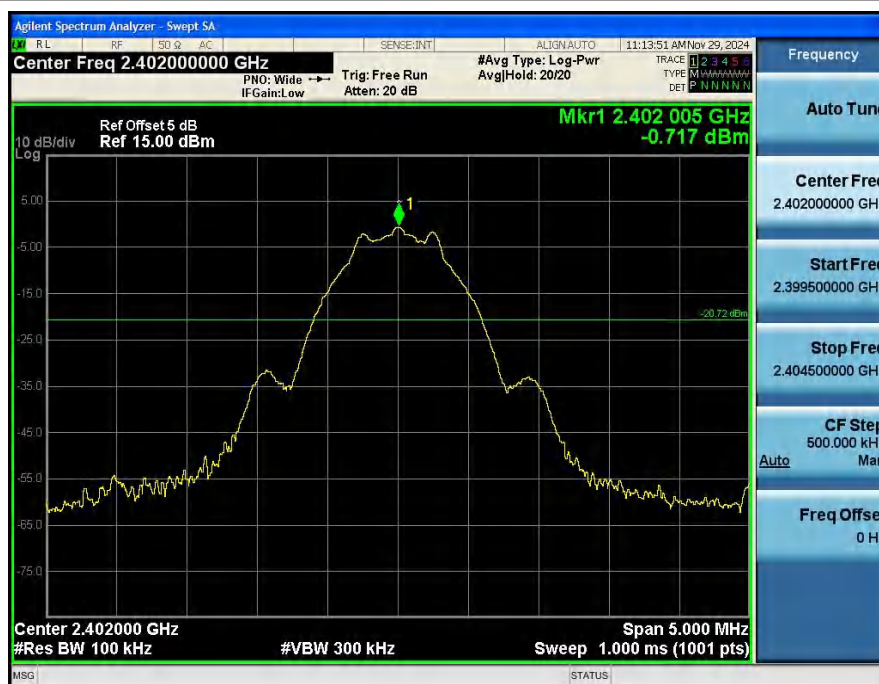
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Appendix F: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-55.717	-20.717	Pass
NVNT	ANT1	1Mbps	2480.00	2483.525	-54.912	-14.488	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-49.156	-20.474	Pass
NVNT	ANT1	2Mbps	2480.00	2483.600	-53.286	-14.351	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402

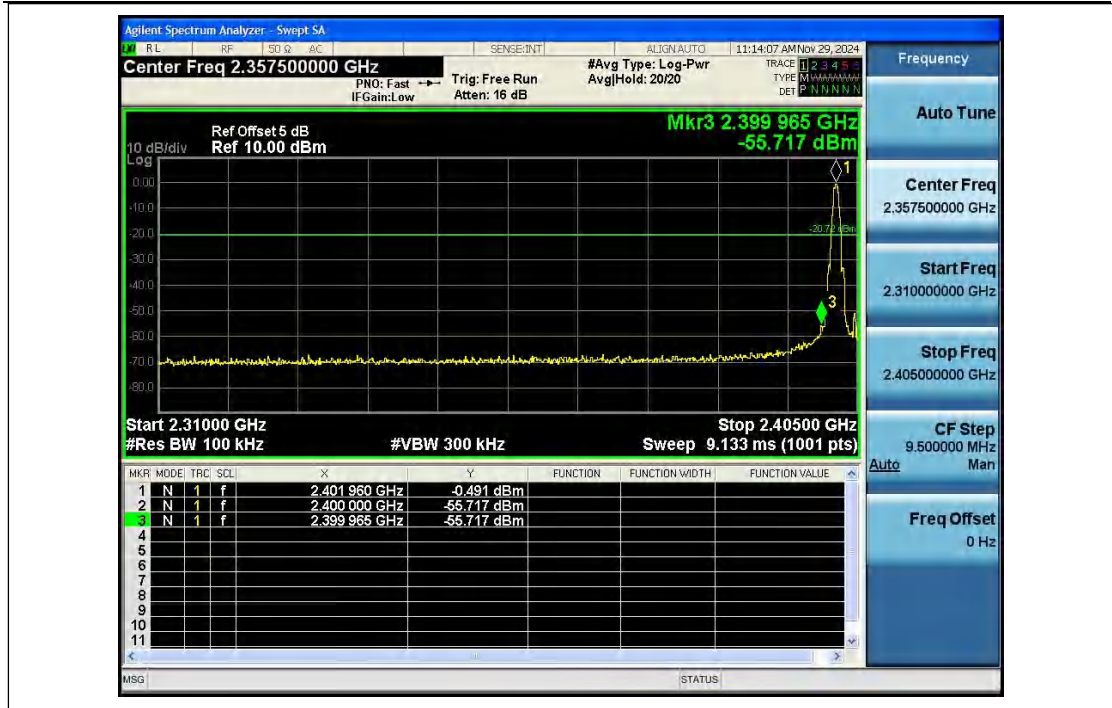
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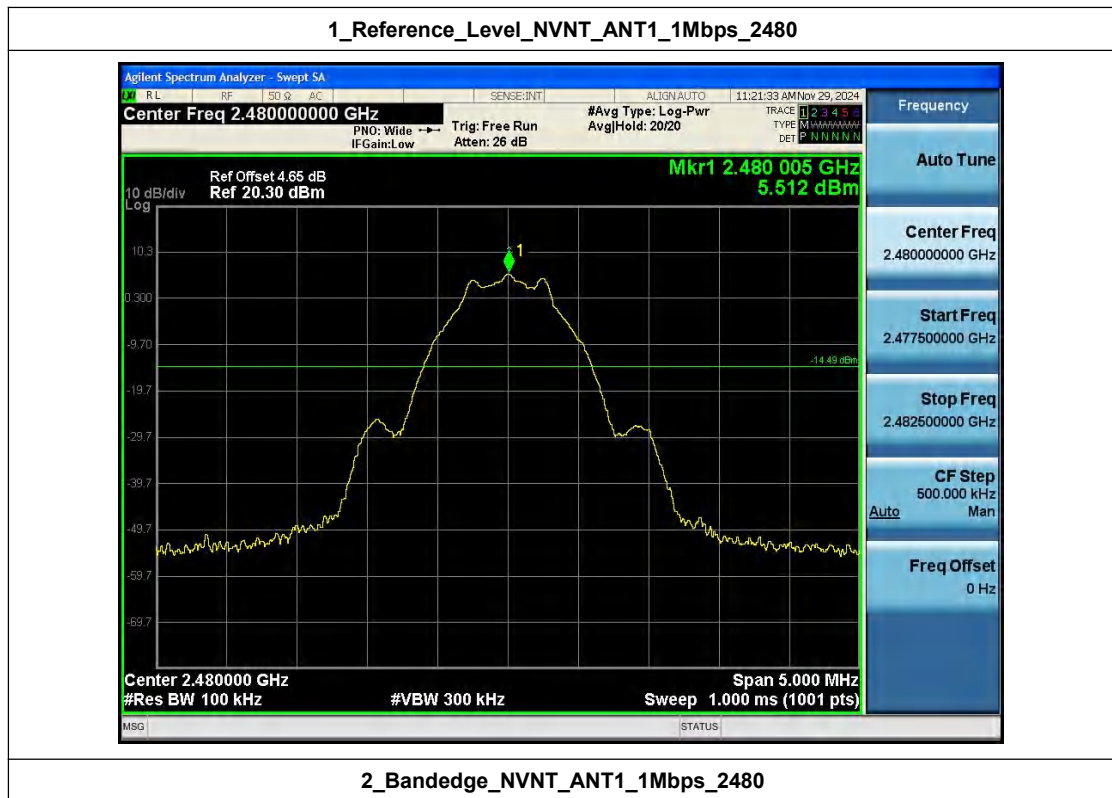


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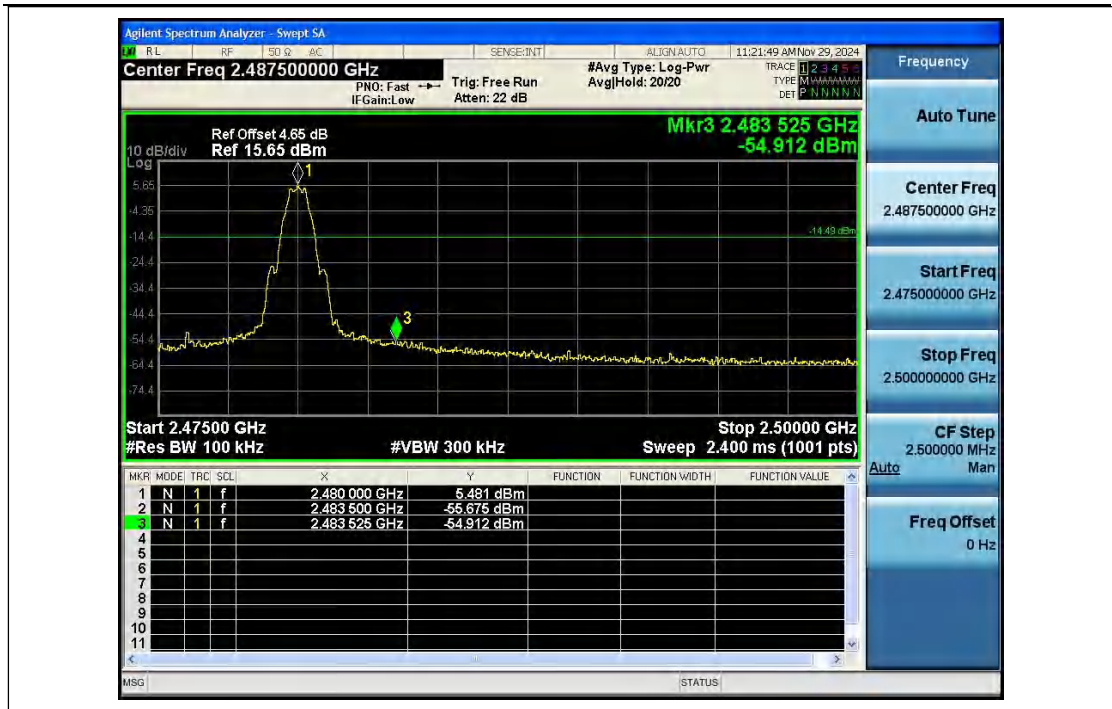


1_Reference_Level_NVNT_ANT1_1Mbps_2480

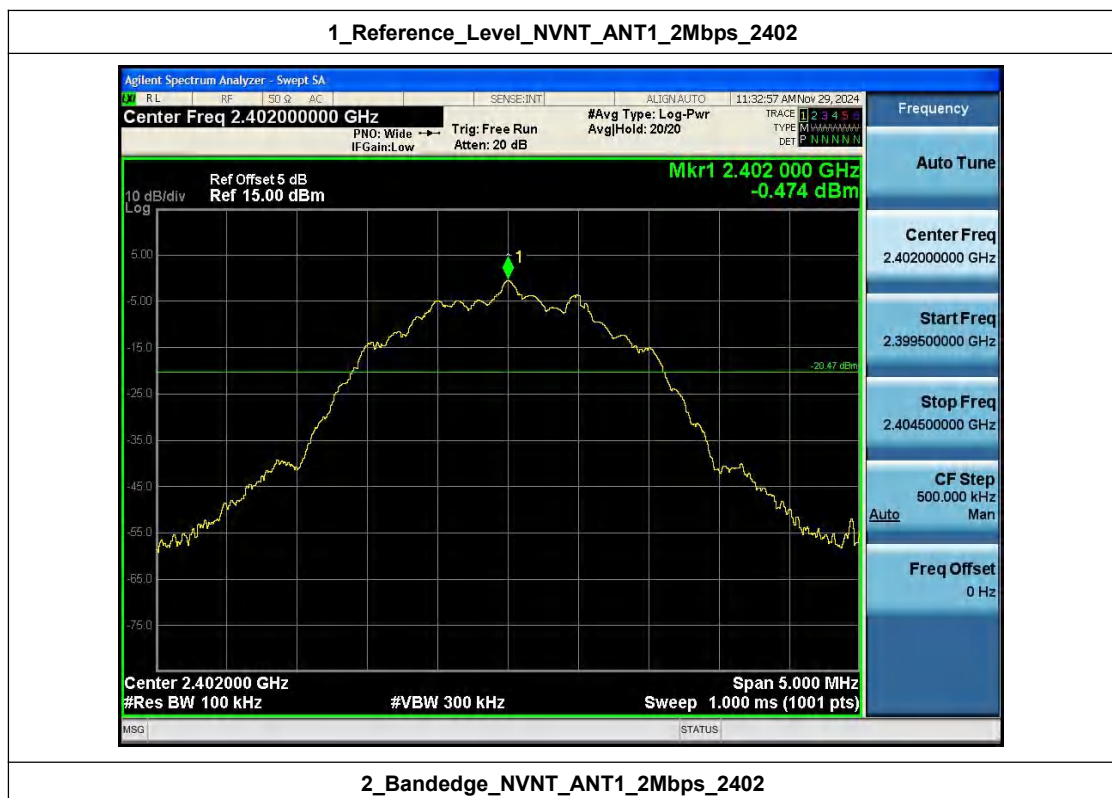


2_Bandedge_NVNT_ANT1_1Mbps_2480



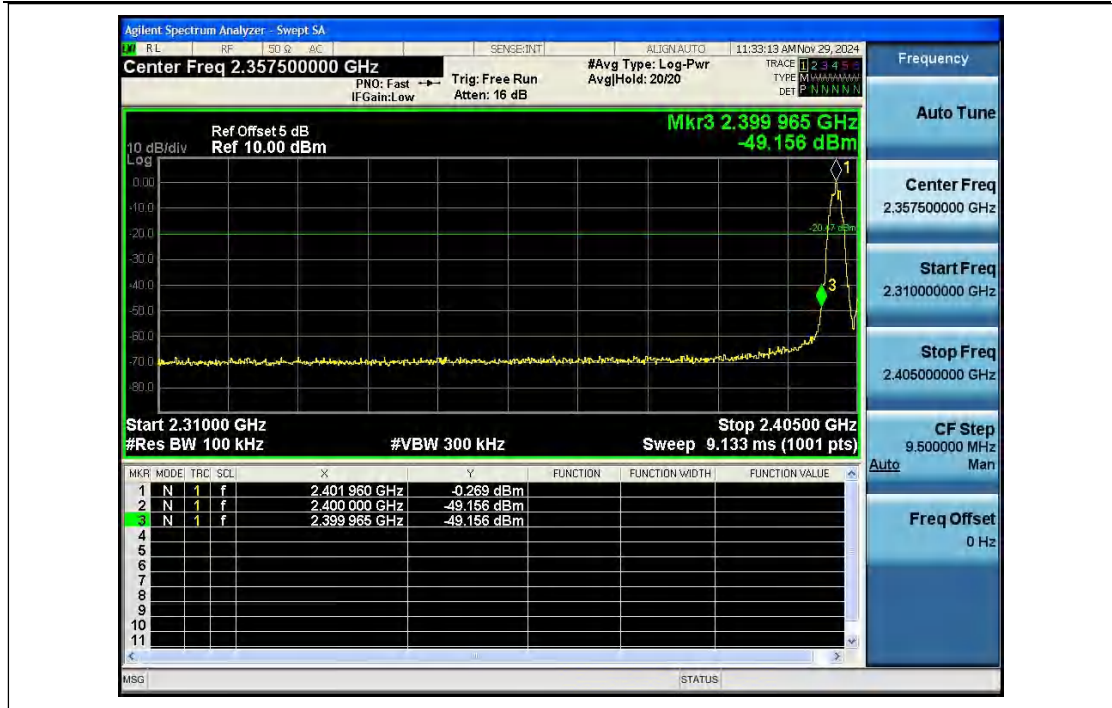


1_Reference_Level_NVNT_ANT1_2Mbps_2402

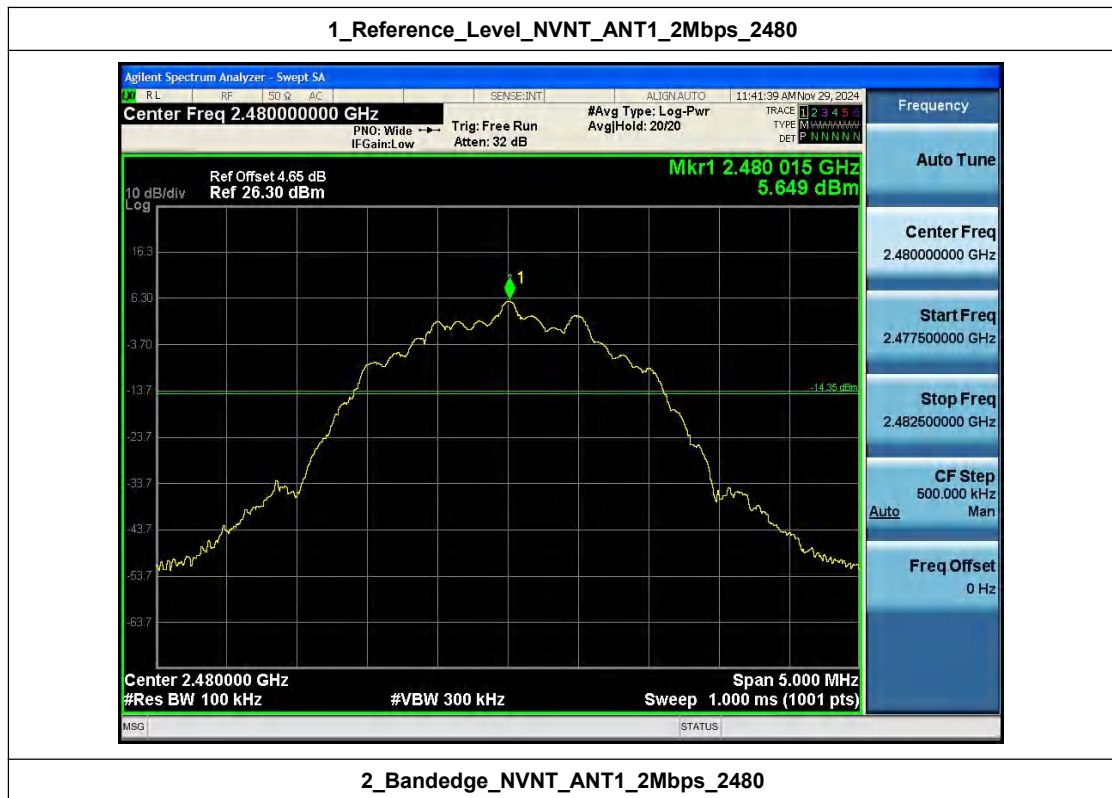


2_Bandedge_NVNT_ANT1_2Mbps_2402



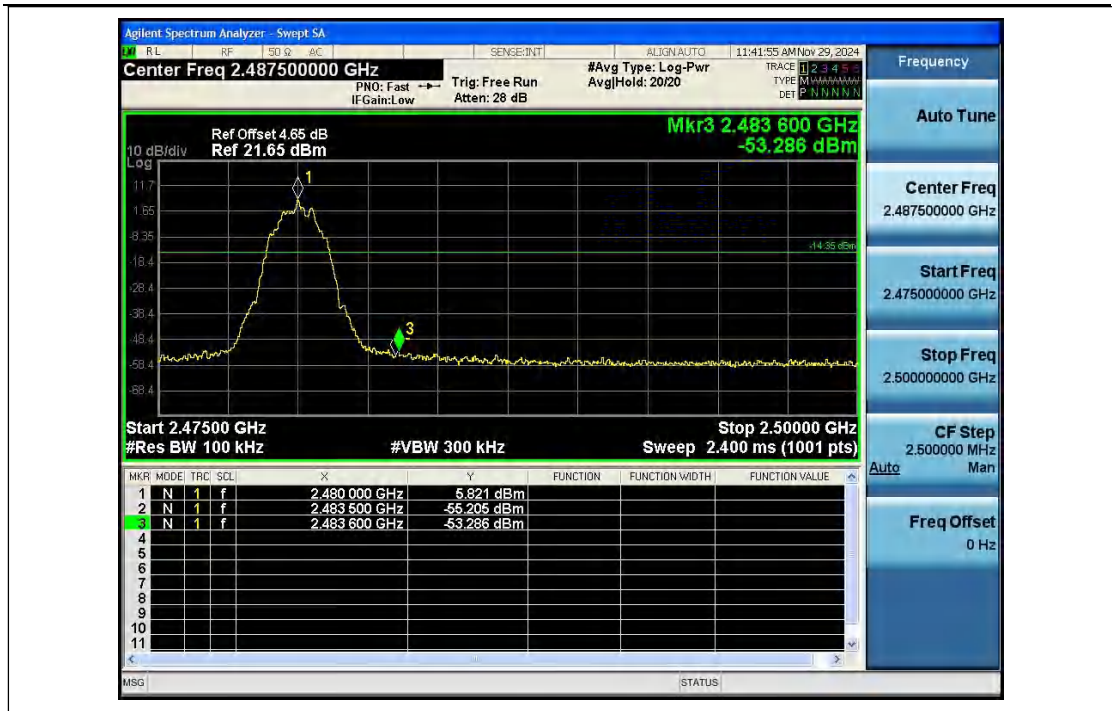


1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480





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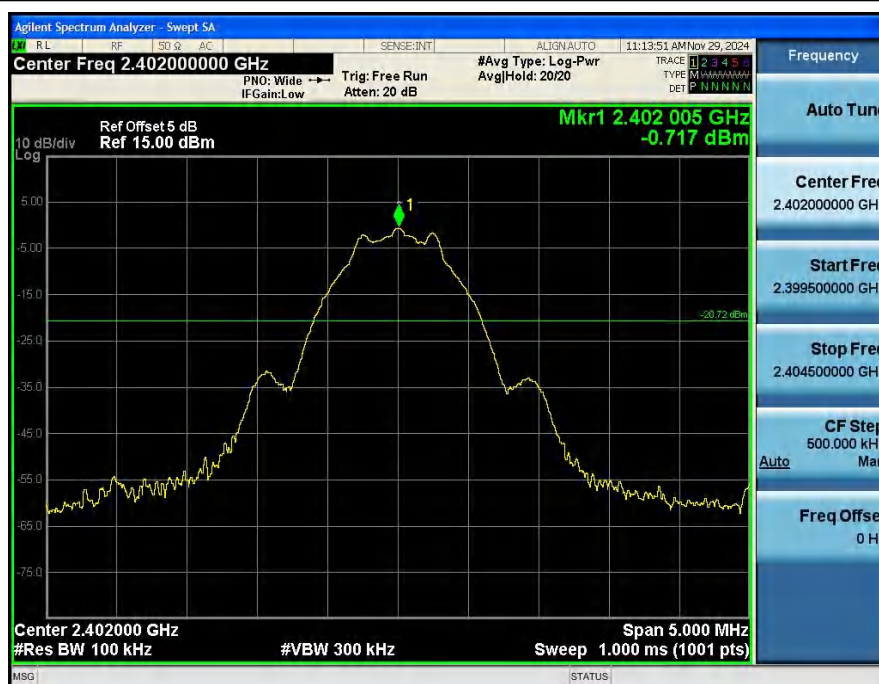
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Appendix G: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-46.347	-20.717	Pass
NVNT	ANT1	1Mbps	2440.00	-46.908	-19.775	Pass
NVNT	ANT1	1Mbps	2480.00	-46.365	-14.488	Pass
NVNT	ANT1	2Mbps	2402.00	-45.963	-20.474	Pass
NVNT	ANT1	2Mbps	2440.00	-39.632	-19.935	Pass
NVNT	ANT1	2Mbps	2480.00	-44.355	-14.351	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402

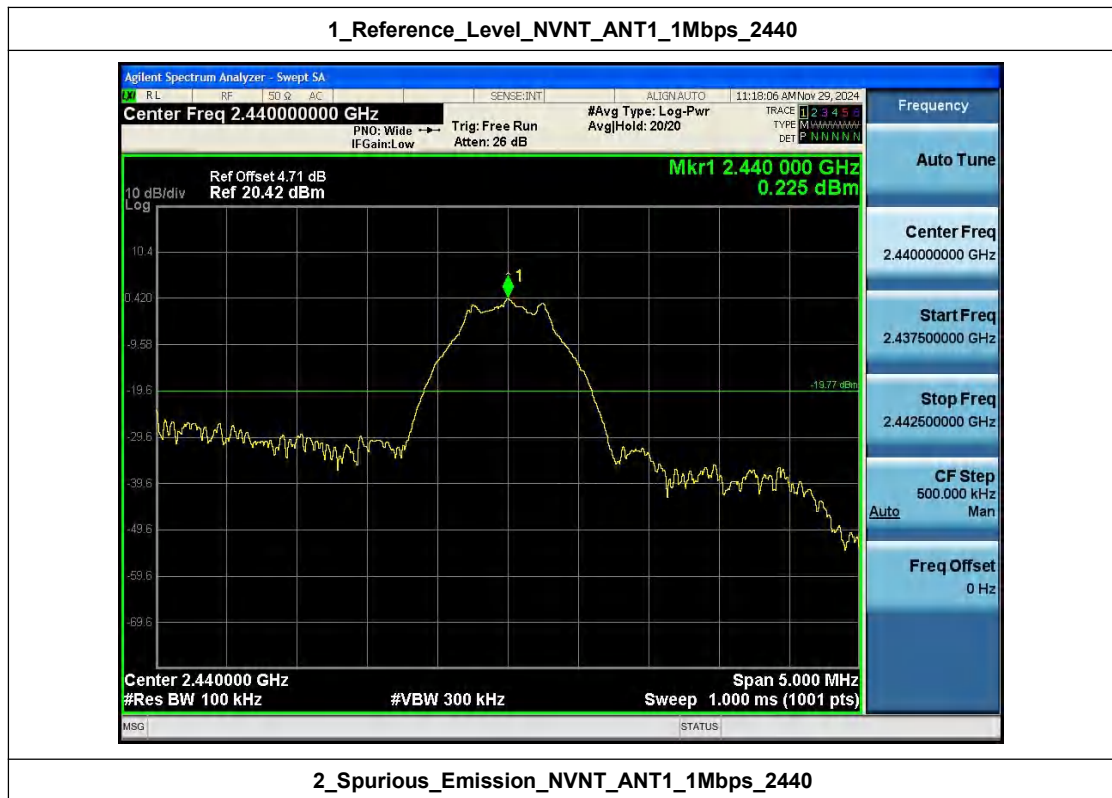


2_Spurious_Emission_NVNT_ANT1_1Mbps_2402





1_Reference_Level_NVNT_ANT1_1Mbps_2440

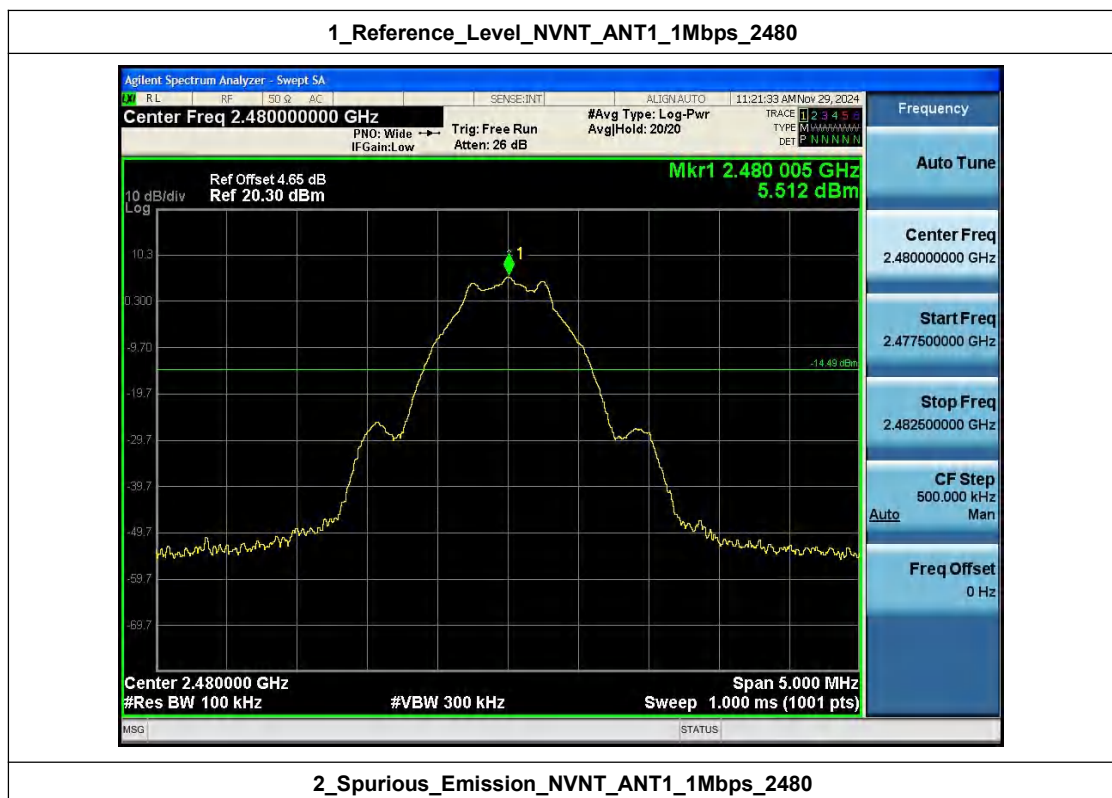


2_Spurious_Emission_NVNT_ANT1_1Mbps_2440





1_Reference_Level_NVNT_ANT1_1Mbps_2480

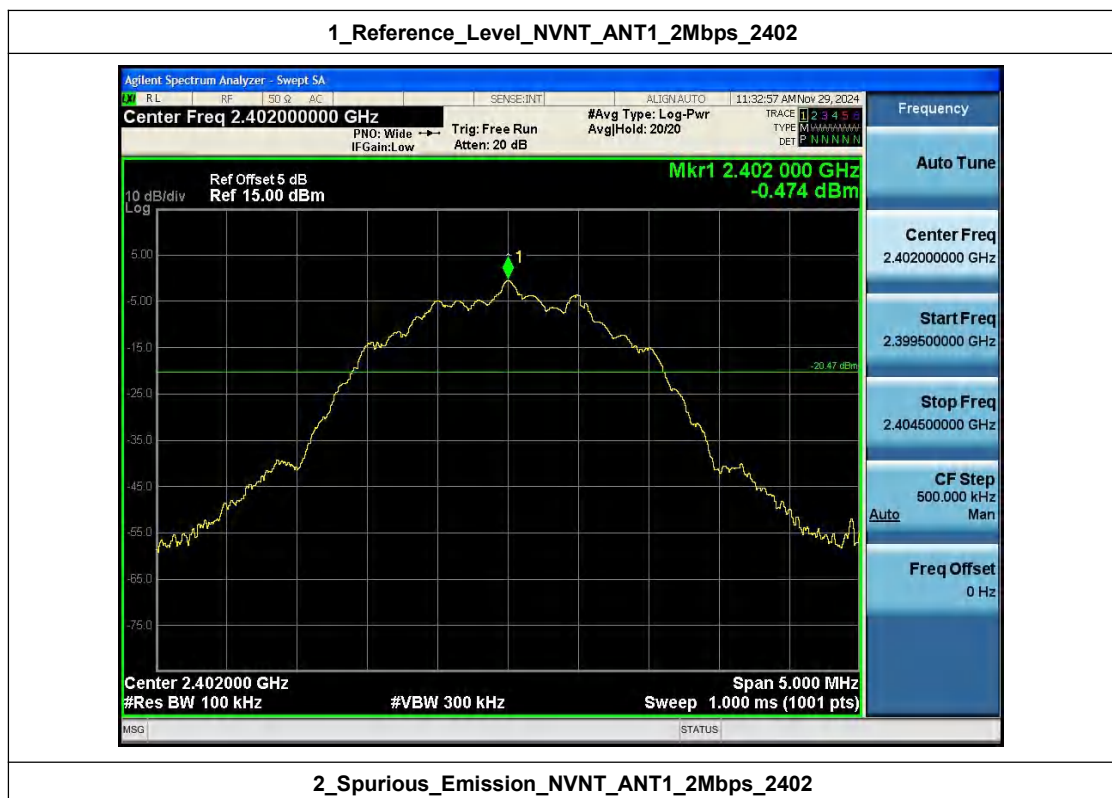


2_Spurious_Emission_NVNT_ANT1_1Mbps_2480





1_Reference_Level_NVNT_ANT1_2Mbps_2402

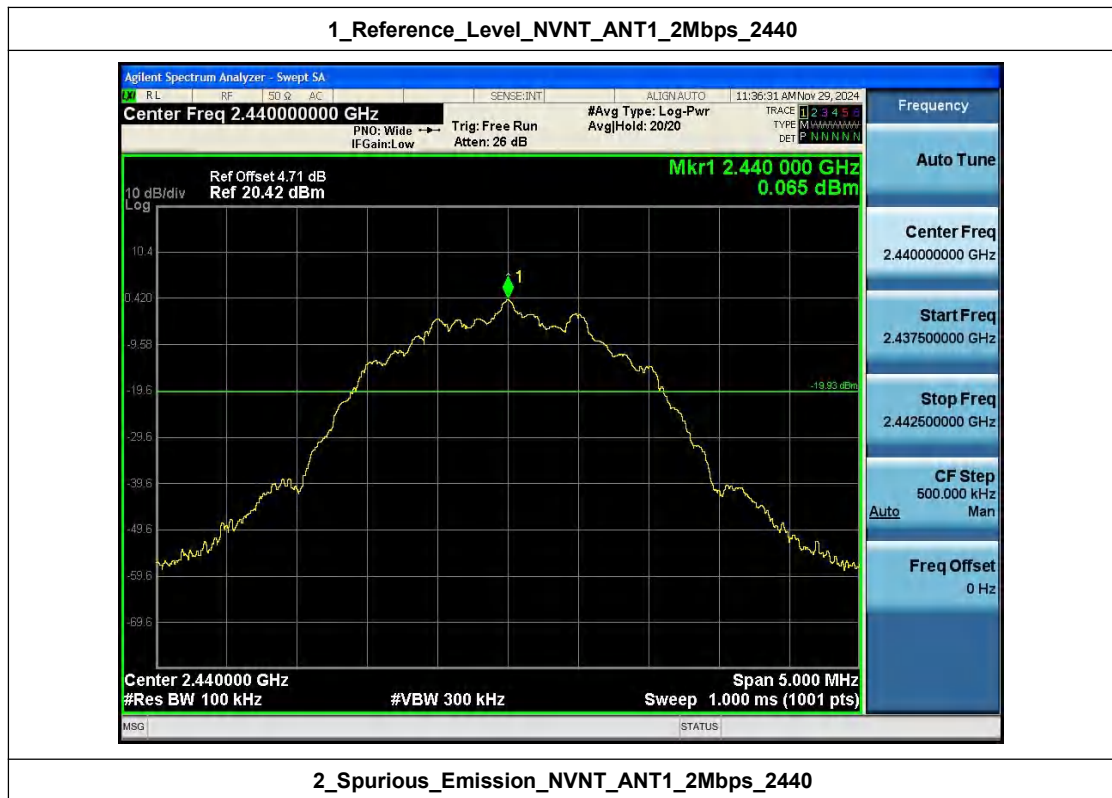


2_Spurious_Emission_NVNT_ANT1_2Mbps_2402





1_Reference_Level_NVNT_ANT1_2Mbps_2440

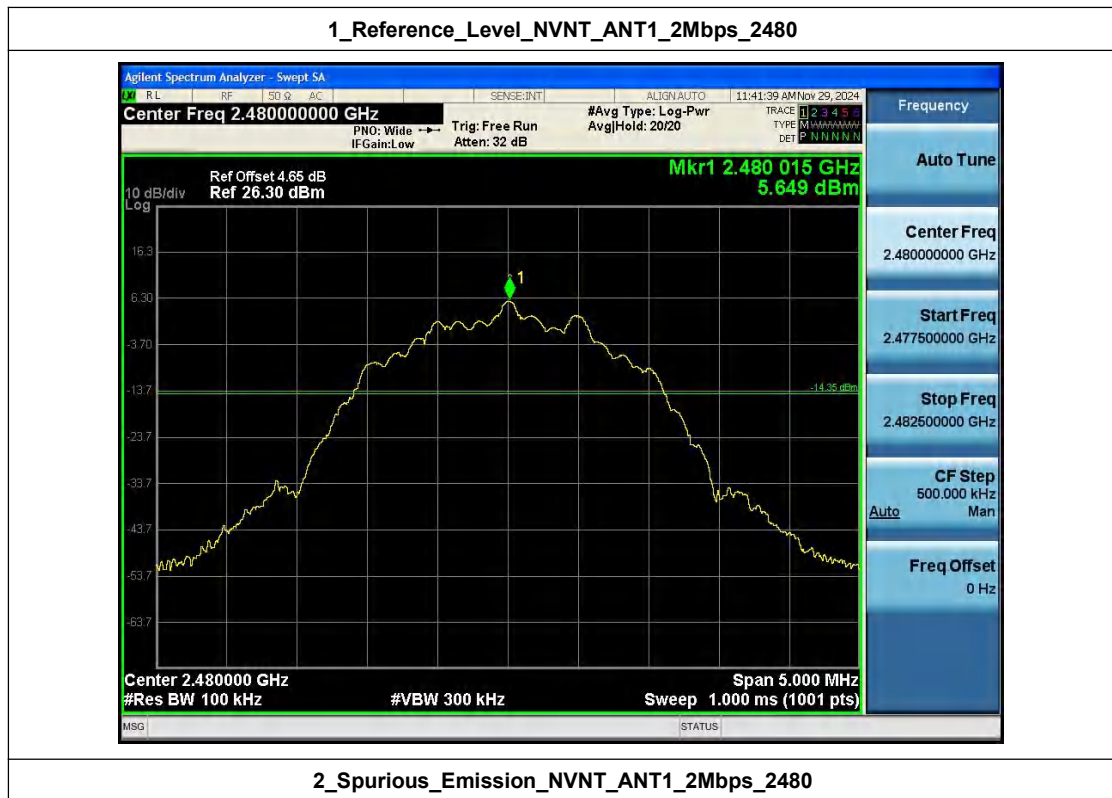


2_Spurious_Emission_NVNT_ANT1_2Mbps_2440





1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480





---END---

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