

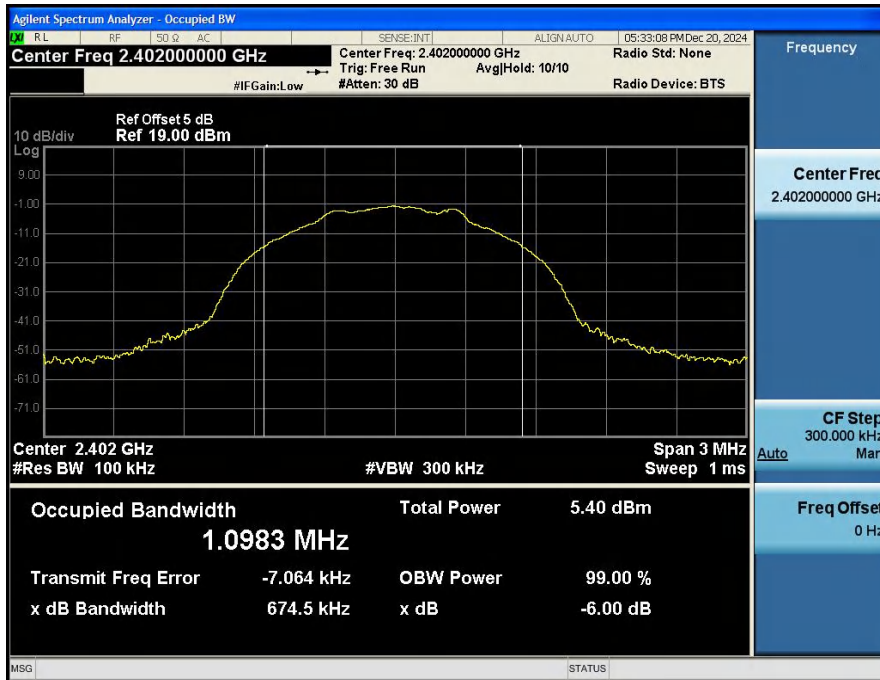
Appendix Test Data

Report No.:	1812C40172012502	Test Sample No.:	1-2-2
Start Test Date:	2024.12.10	Finish Test Date:	2024.12.20
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.2℃	Relative Humidity:	55%
Pressure:	101kPa		

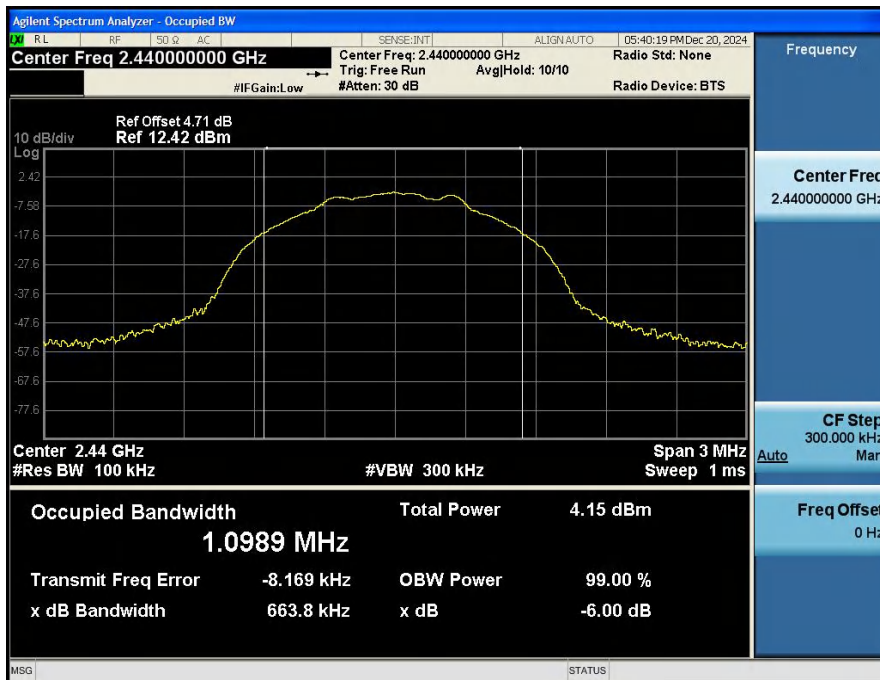
Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	674.54	500	Pass
NVNT	ANT1	1Mbps	2440.00	663.76	500	Pass
NVNT	ANT1	1Mbps	2480.00	667.02	500	Pass
NVNT	ANT1	2Mbps	2402.00	1346.07	500	Pass
NVNT	ANT1	2Mbps	2440.00	1335.39	500	Pass
NVNT	ANT1	2Mbps	2480.00	1330.67	500	Pass

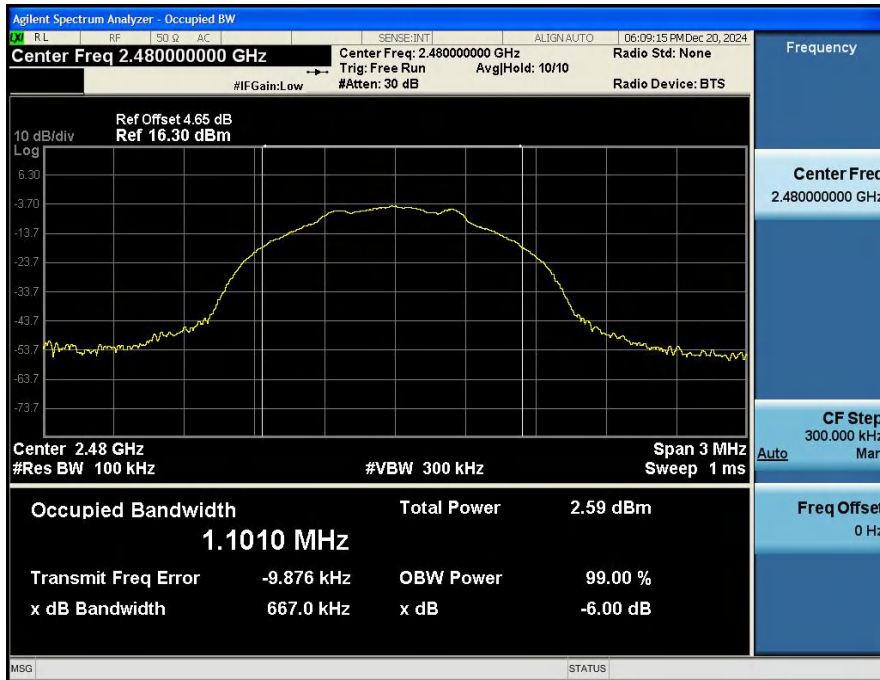
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402



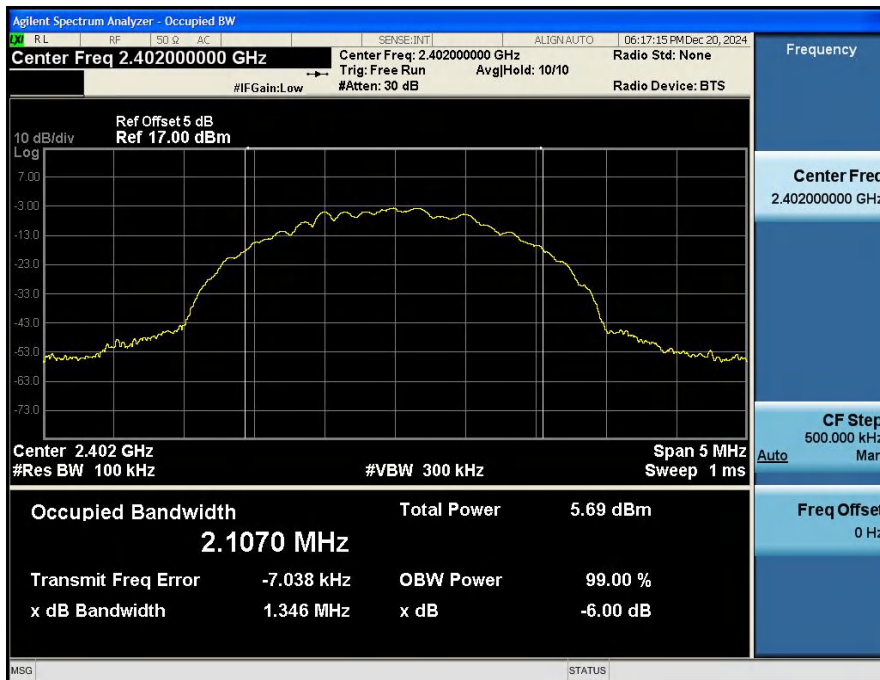
-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



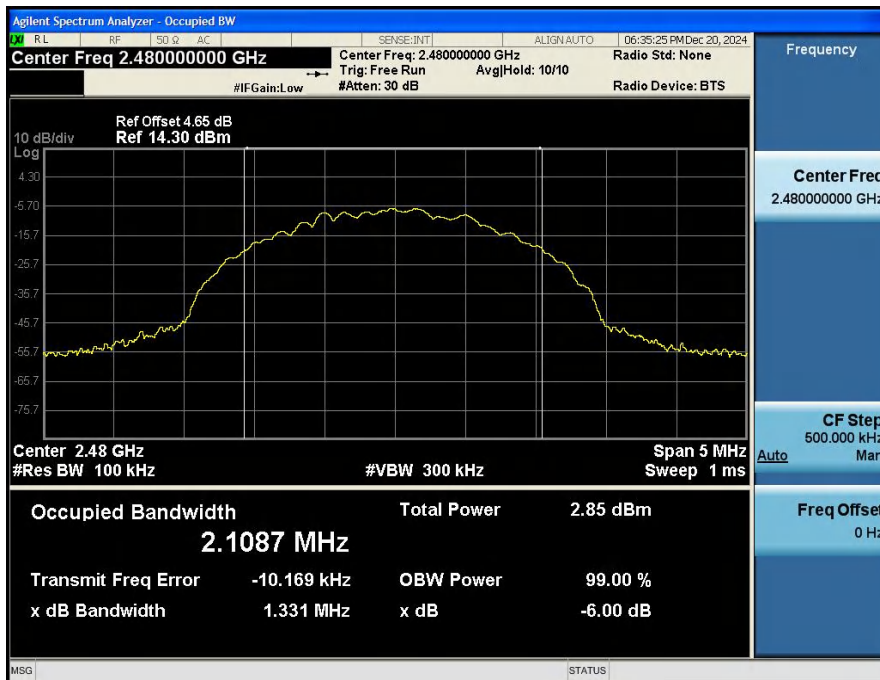
-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.091
NVNT	ANT1	1Mbps	2440.00	1.091
NVNT	ANT1	1Mbps	2480.00	1.093
NVNT	ANT1	2Mbps	2402.00	2.132
NVNT	ANT1	2Mbps	2440.00	2.134
NVNT	ANT1	2Mbps	2480.00	2.135

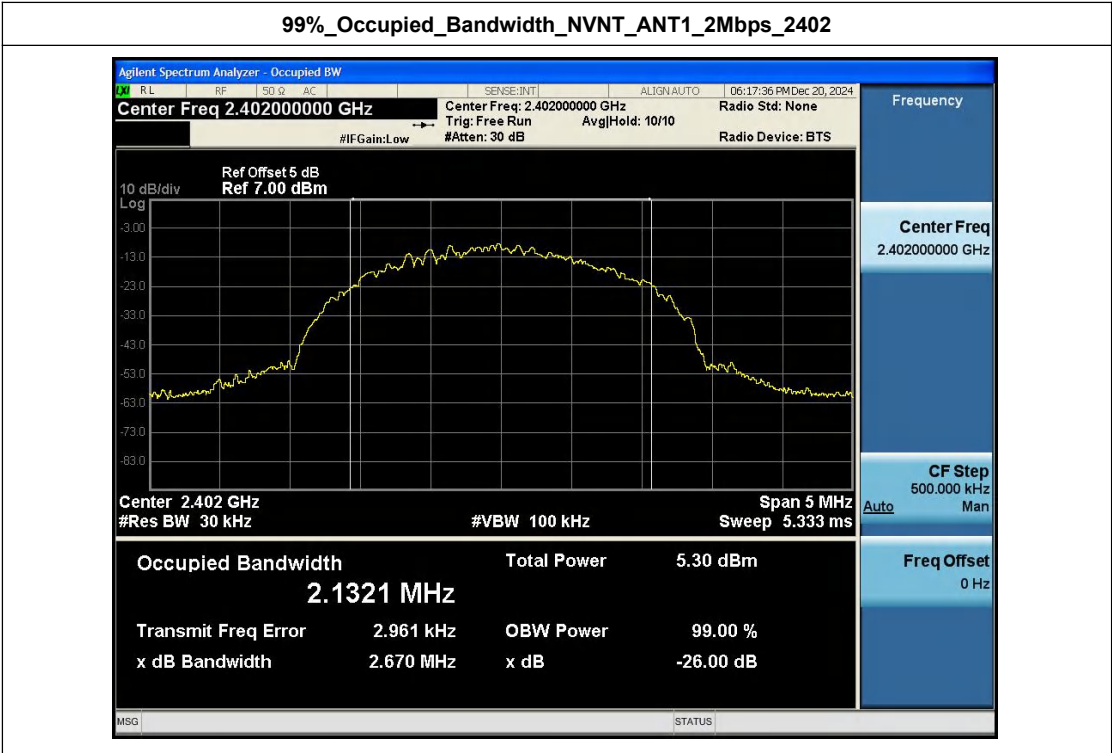
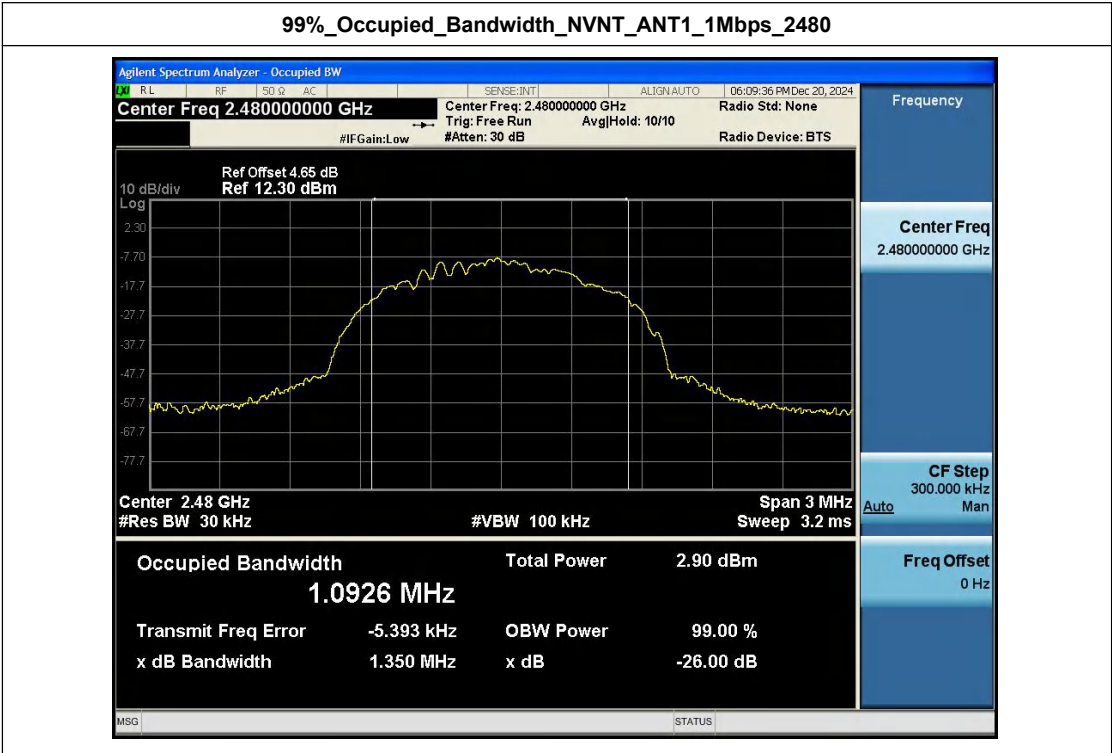


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402

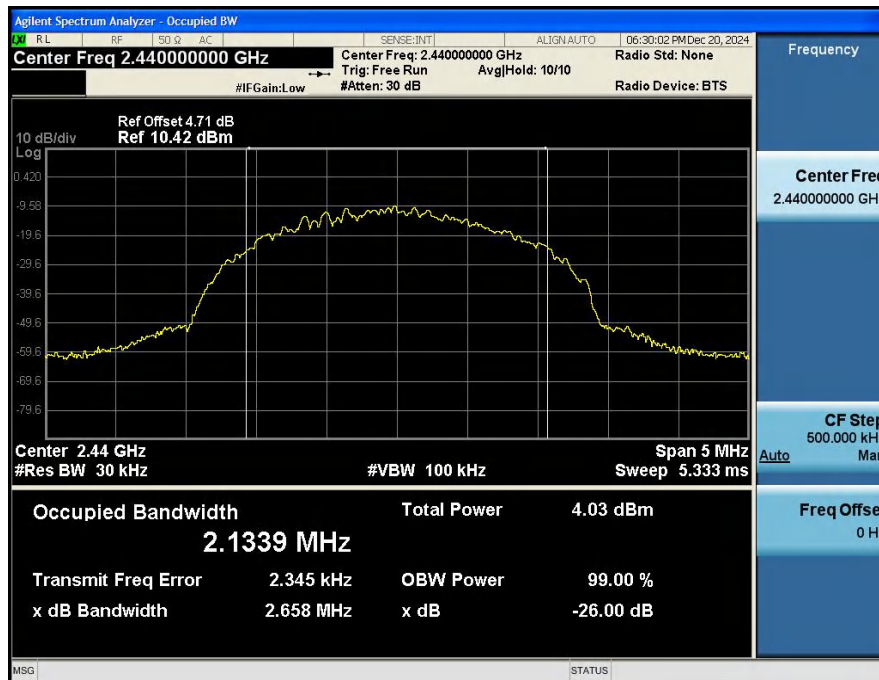


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440

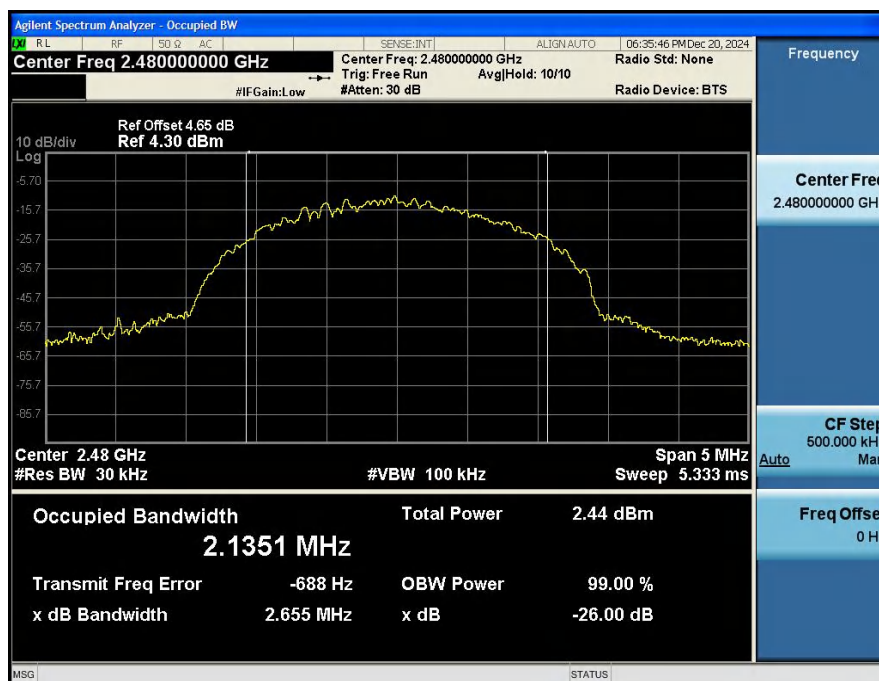




99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



Appendix C: Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	100	0.00
NVNT	ANT1	1Mbps	2440.00	100	0.00
NVNT	ANT1	1Mbps	2480.00	100	0.00
NVNT	ANT1	2Mbps	2402.00	100	0.00
NVNT	ANT1	2Mbps	2440.00	100	0.00
NVNT	ANT1	2Mbps	2480.00	100	0.00

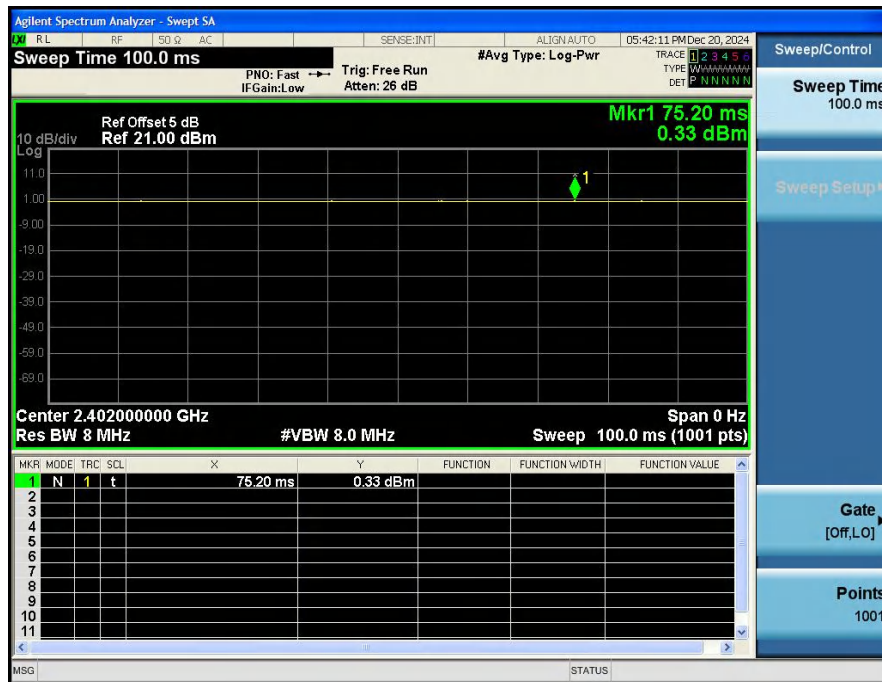
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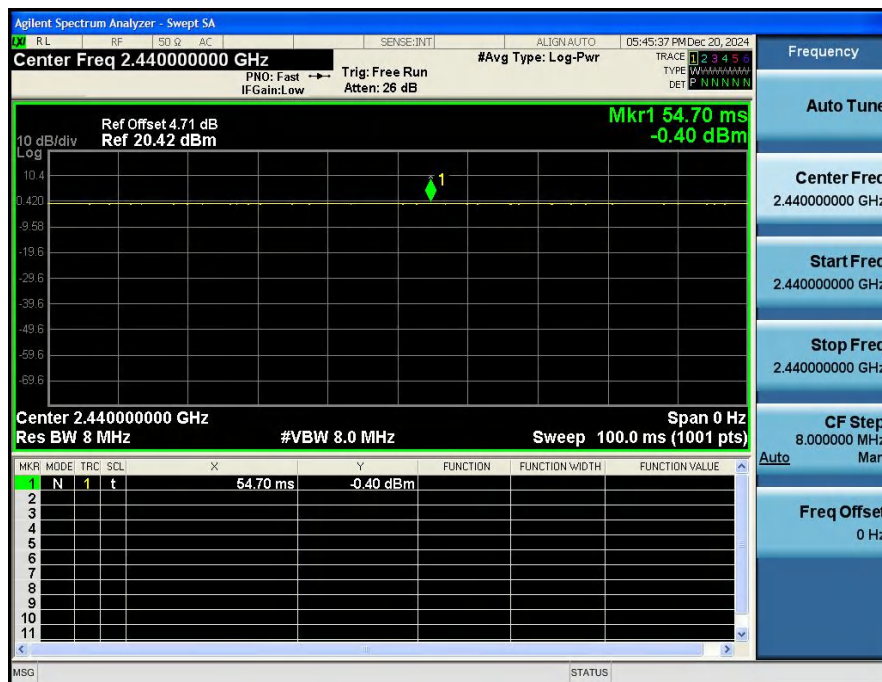


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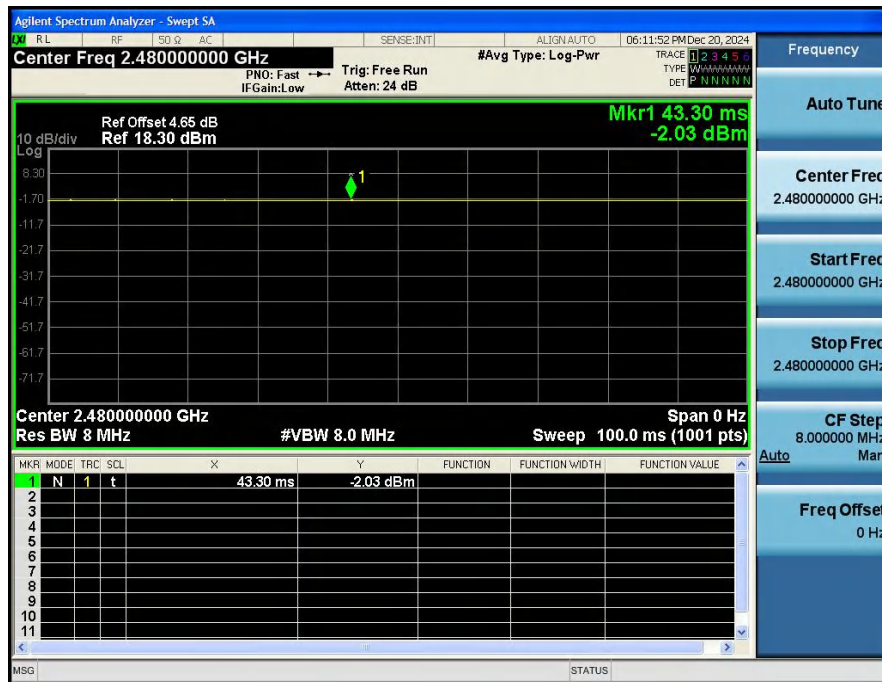
Duty_Cycle_NVNT_ANT1_1Mbps_2402



Duty_Cycle_NVNT_ANT1_1Mbps_2440



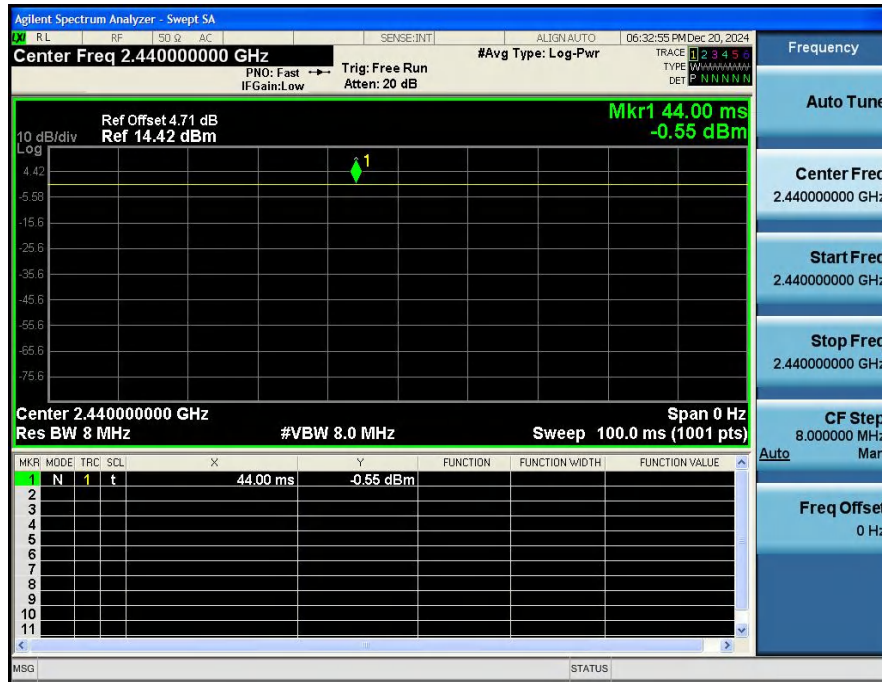
Duty_Cycle_NVNT_ANT1_1Mbps_2480



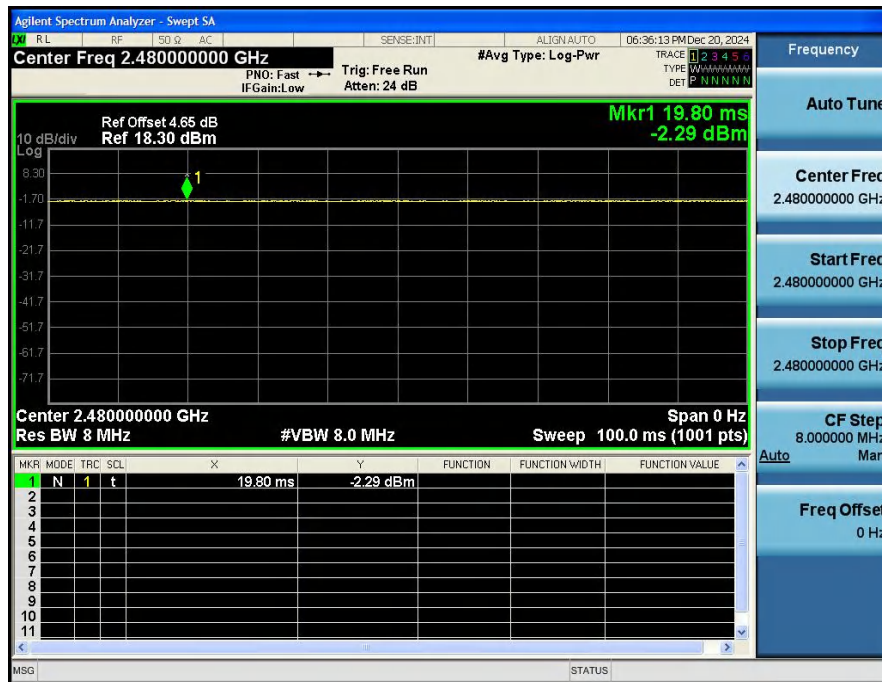
Duty_Cycle_NVNT_ANT1_2Mbps_2402



Duty_Cycle_NVNT_ANT1_2Mbps_2440



Duty_Cycle_NVNT_ANT1_2Mbps_2480



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	0.12	1.03	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.80	0.83	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.25	0.60	1000	Pass
NVNT	ANT1	2Mbps	2402.00	0.14	1.03	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-0.82	0.83	1000	Pass
NVNT	ANT1	2Mbps	2480.00	-2.56	0.56	1000	Pass

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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



Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-15.92	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.03	8	Pass
NVNT	ANT1	1Mbps	2480.00	-18.15	8	Pass
NVNT	ANT1	2Mbps	2402.00	-20.14	8	Pass
NVNT	ANT1	2Mbps	2440.00	-20.30	8	Pass
NVNT	ANT1	2Mbps	2480.00	-21.53	8	Pass

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Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



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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



Appendix F: Bandedge

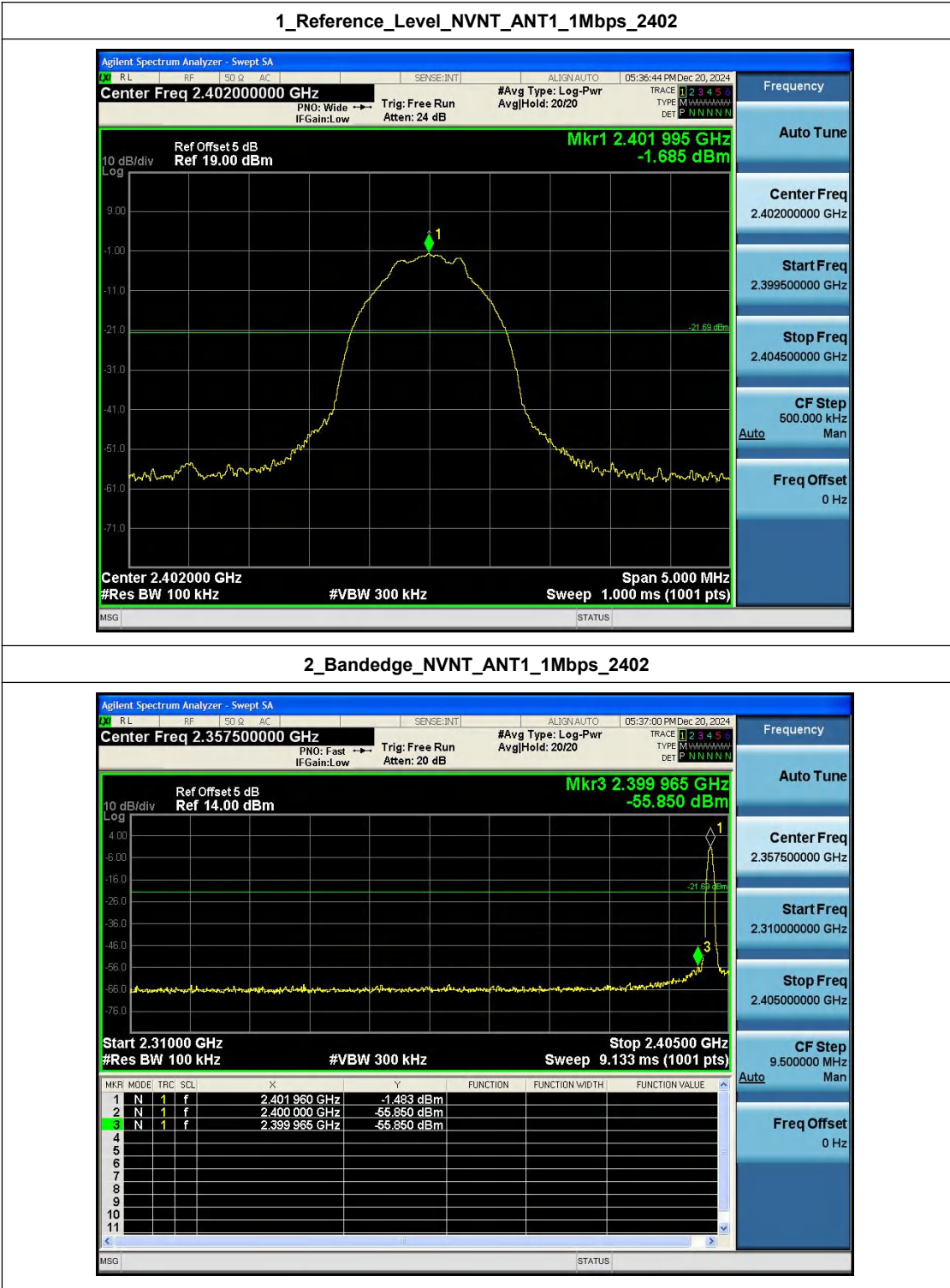
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq (MHz)	Ref_level (dBm)	Spurious level (dBm)	Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-1.685	-55.850	-21.685	Pass
NVNT	ANT1	1Mbps	2480.00	2484.900	-4.129	-60.620	-24.129	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	-3.374	-51.725	-23.374	Pass
NVNT	ANT1	2Mbps	2480.00	2484.000	-6.060	-60.992	-26.060	Pass

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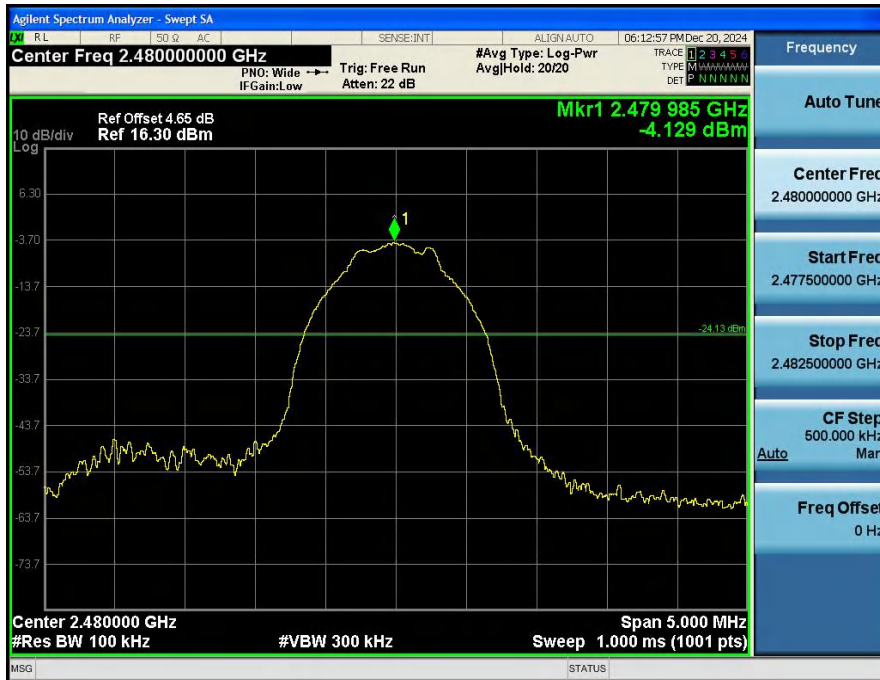
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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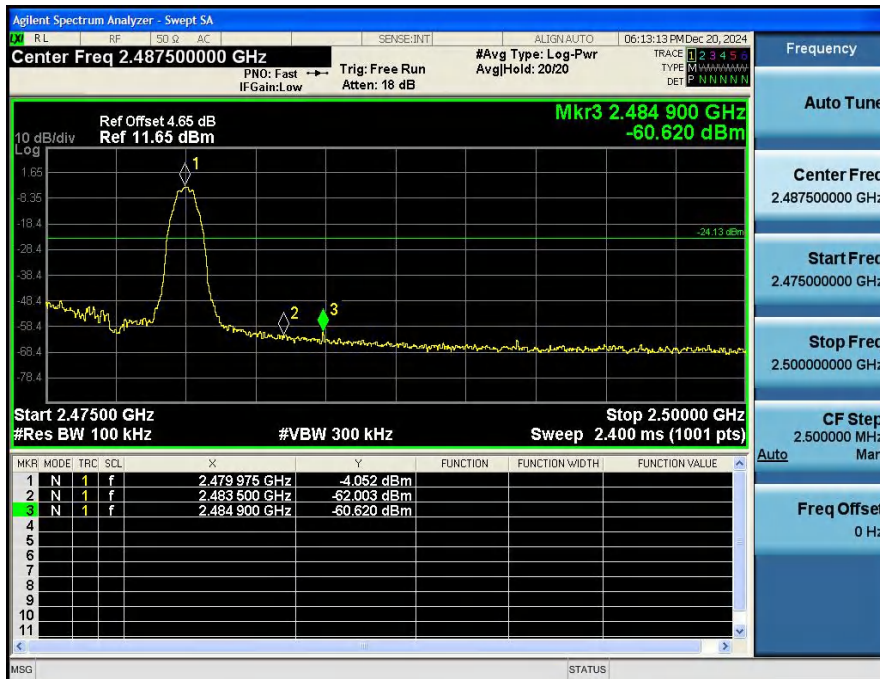
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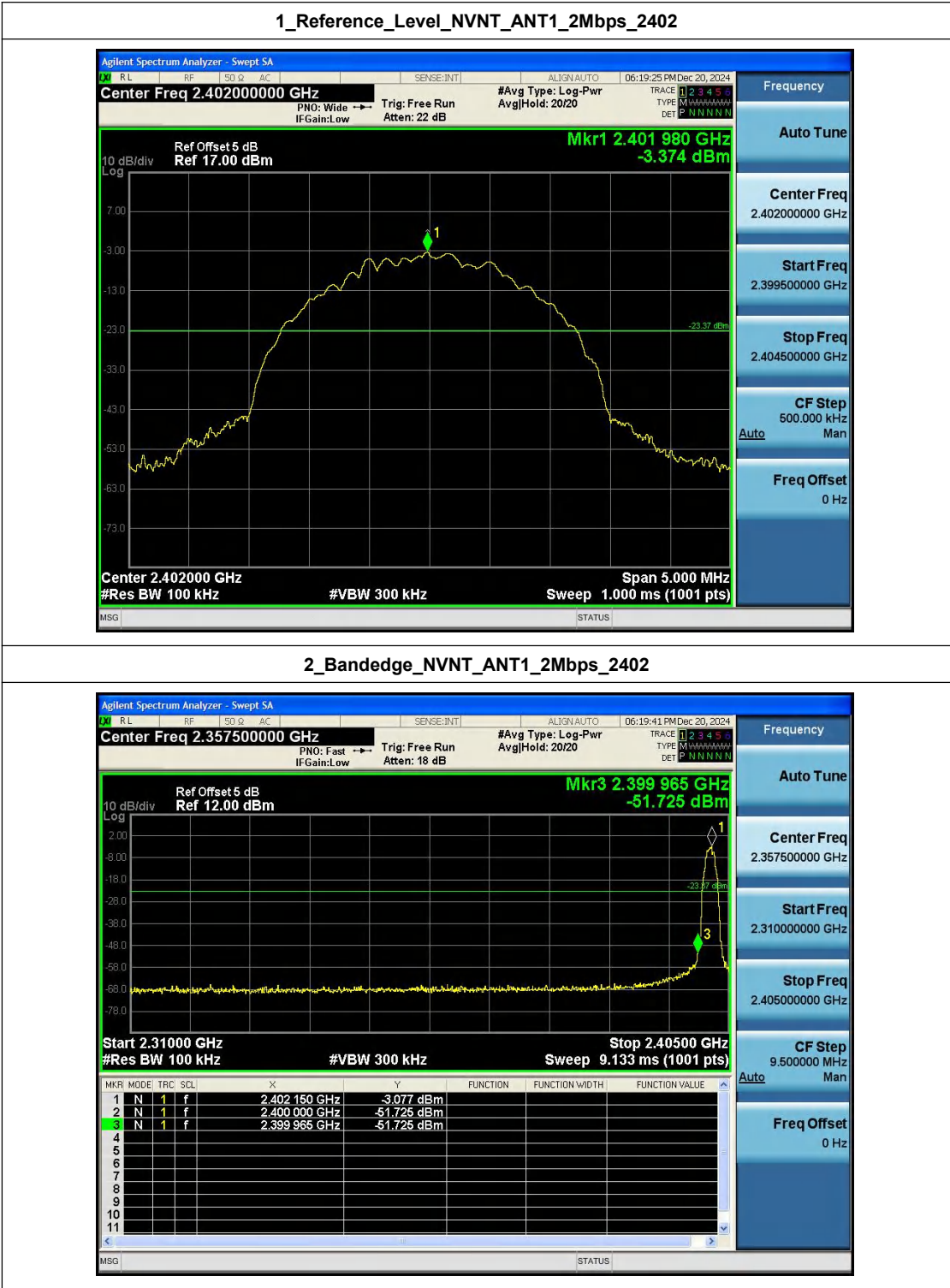


1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480

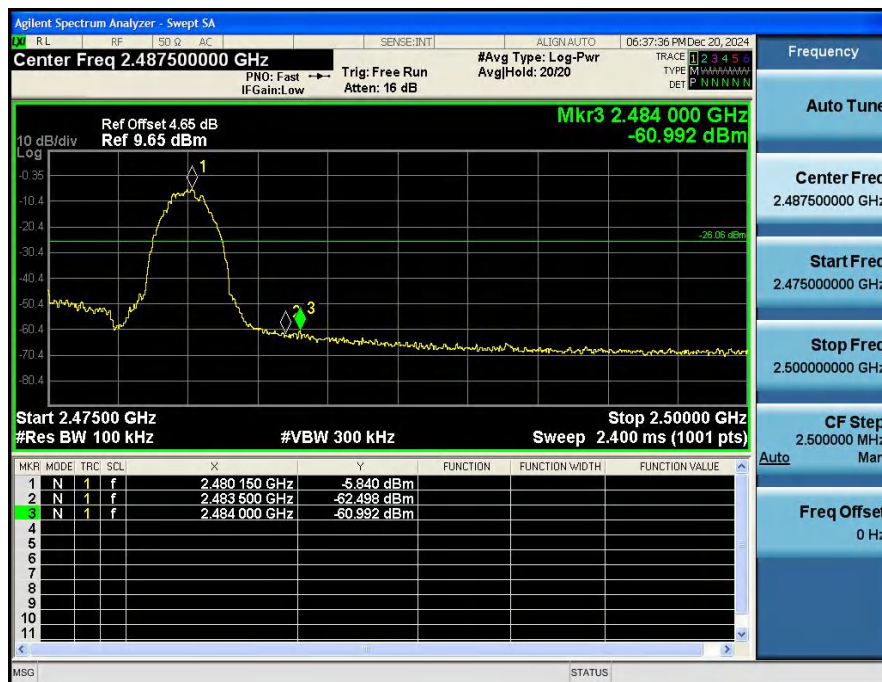




1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



Appendix G: Spurious Emission

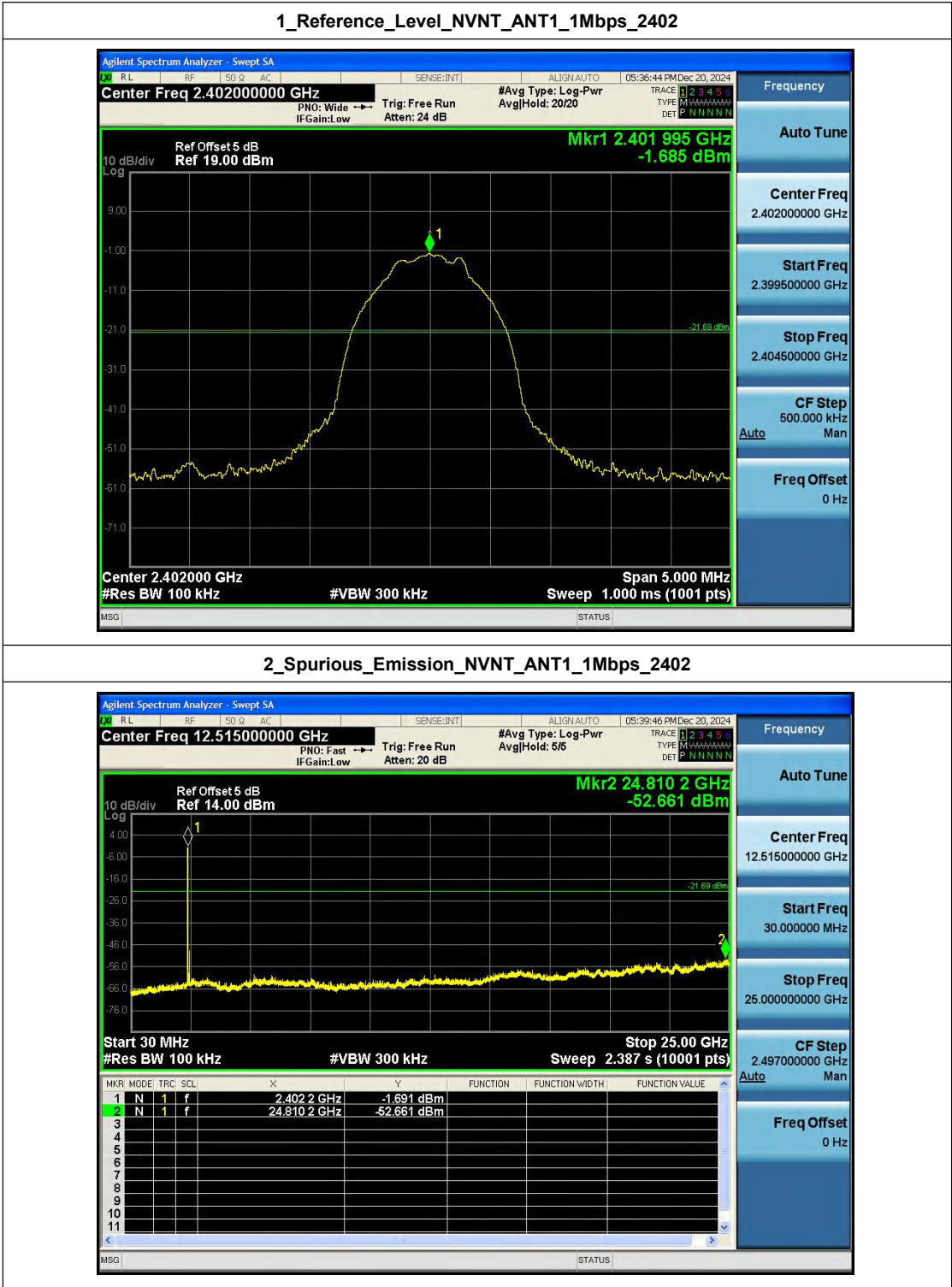
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-1.685	-52.661	-21.685	Pass
NVNT	ANT1	1Mbps	2440.00	-2.729	-59.040	-22.729	Pass
NVNT	ANT1	1Mbps	2480.00	-4.129	-54.916	-24.129	Pass
NVNT	ANT1	2Mbps	2402.00	-3.374	-53.868	-23.374	Pass
NVNT	ANT1	2Mbps	2440.00	-4.394	-55.010	-24.394	Pass
NVNT	ANT1	2Mbps	2480.00	-6.060	-56.431	-26.060	Pass

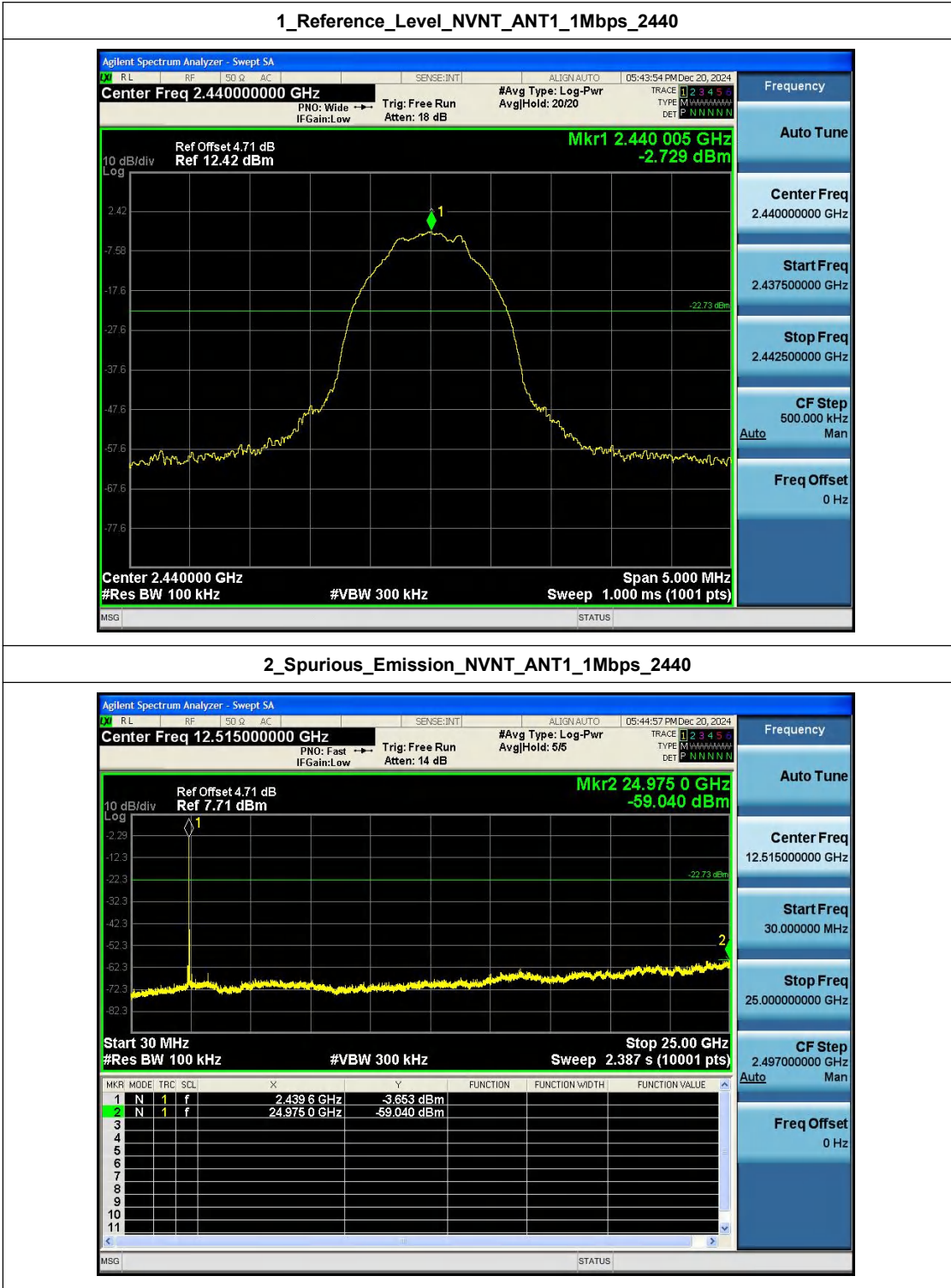
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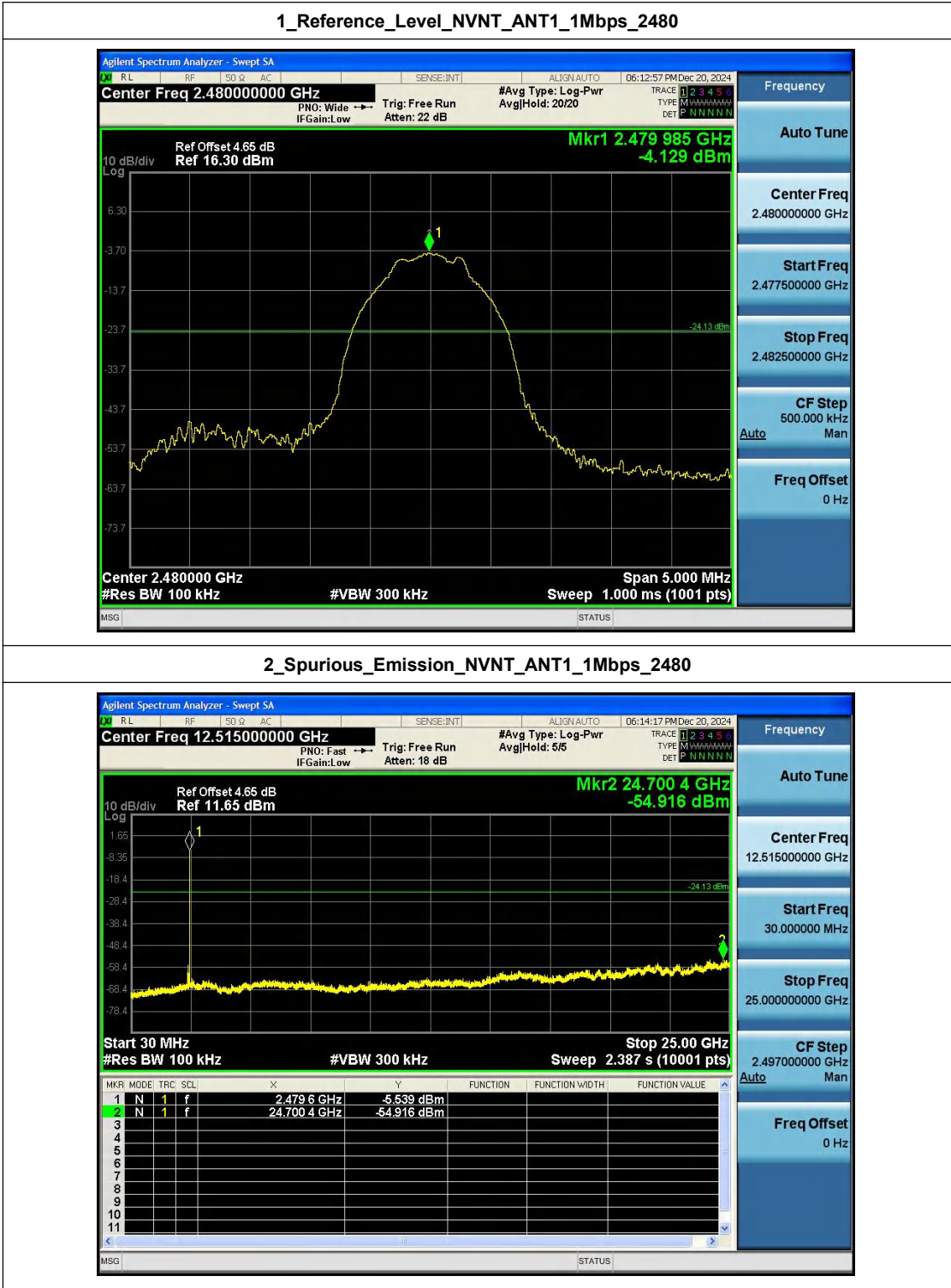
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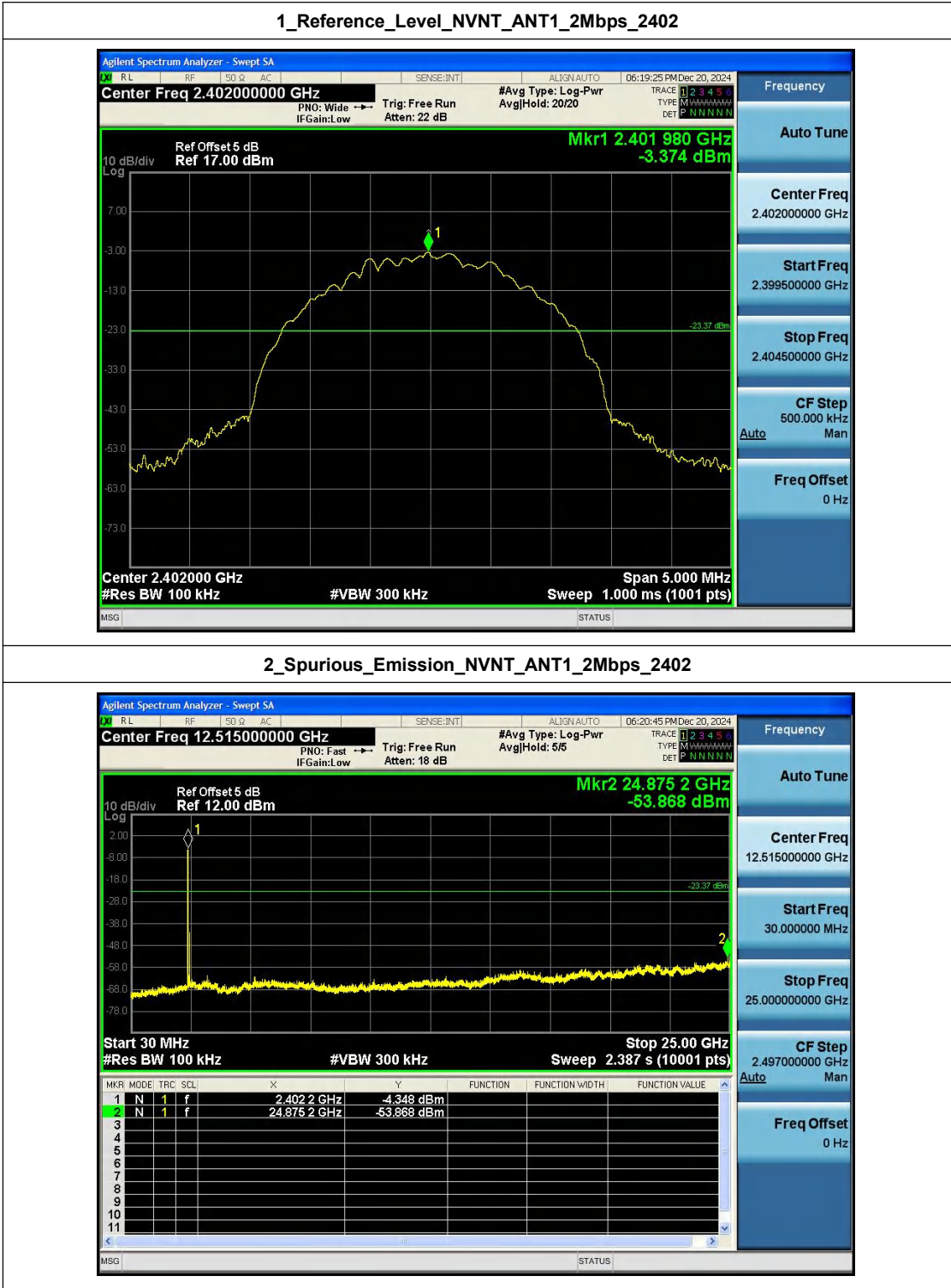


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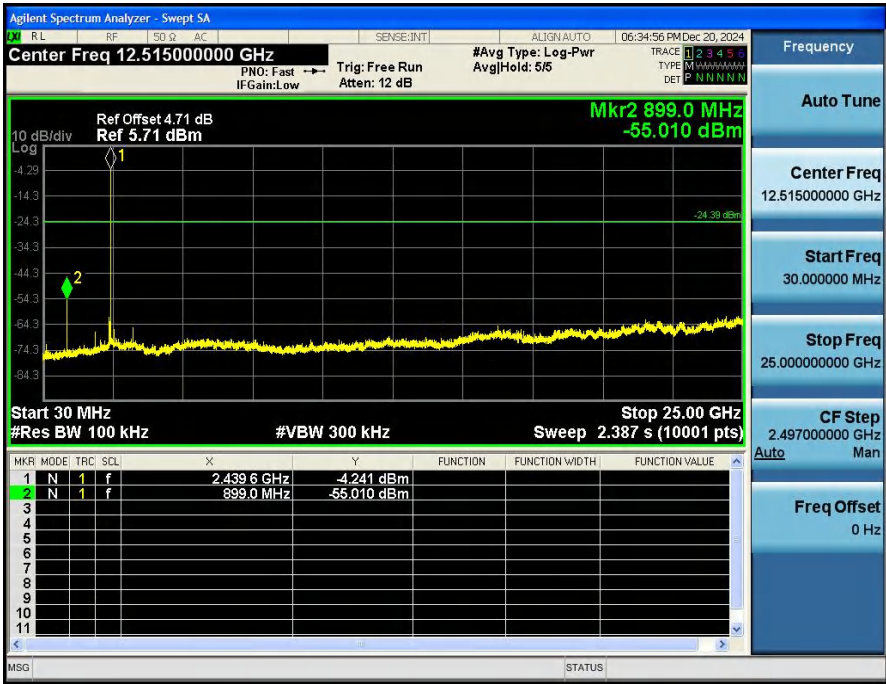


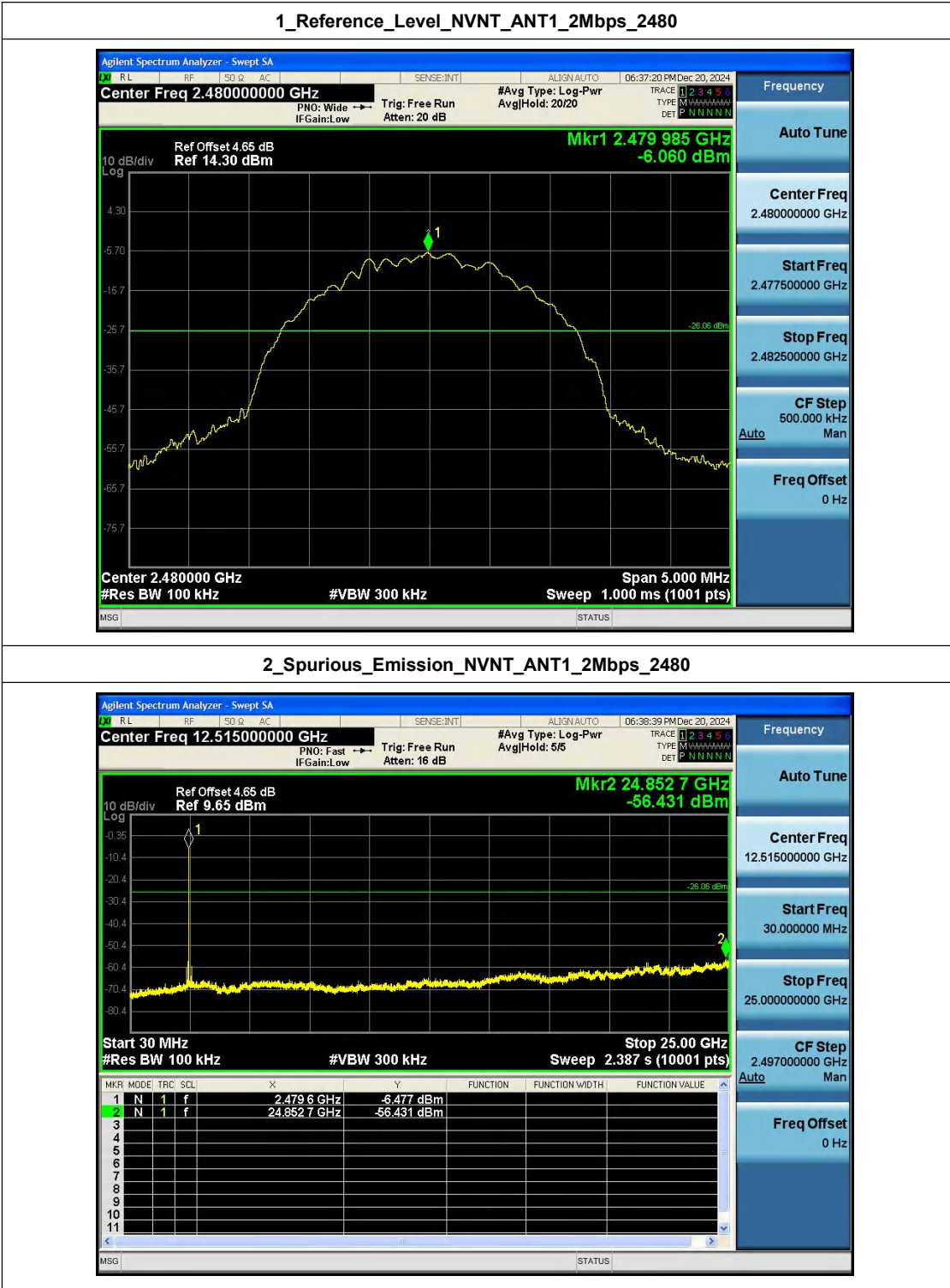


1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440





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