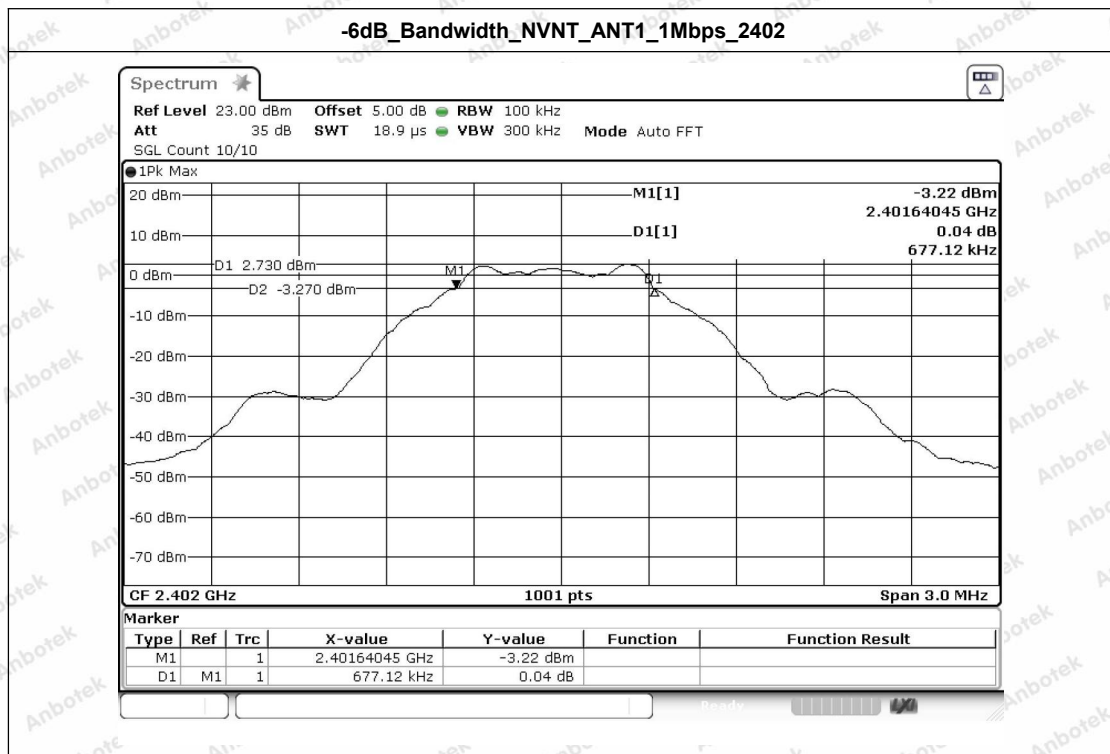


Appendix Test Data

Report No.:	18220WC40068501	Test Sample No.:	1-2-2
Start Test Date:	2024.4.18	Finish Test Date:	2024.4.18
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5°C	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	677.12	500	Pass
NVNT	ANT1	1Mbps	2400	683.52	500	Pass
NVNT	ANT1	1Mbps	2480	713.22	500	Pass
NVNT	ANT1	2Mbps	2402	1150.72	500	Pass
NVNT	ANT1	2Mbps	2400	1153.79	500	Pass
NVNT	ANT1	2Mbps	2480	1153.79	500	Pass



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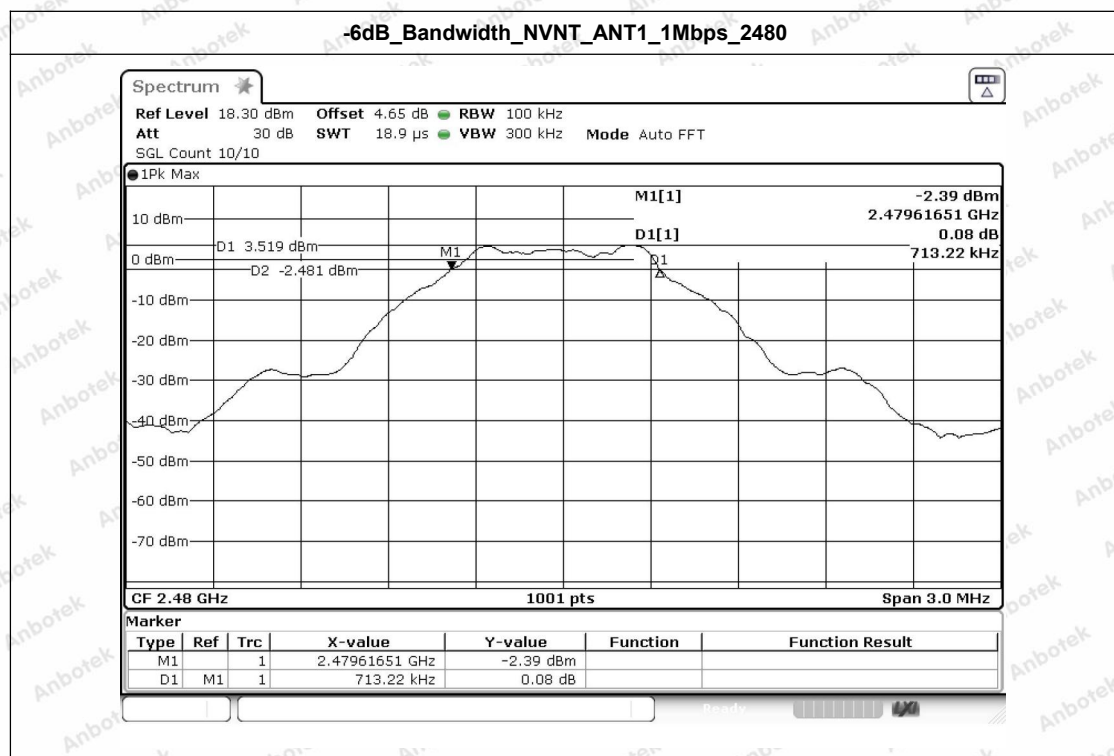
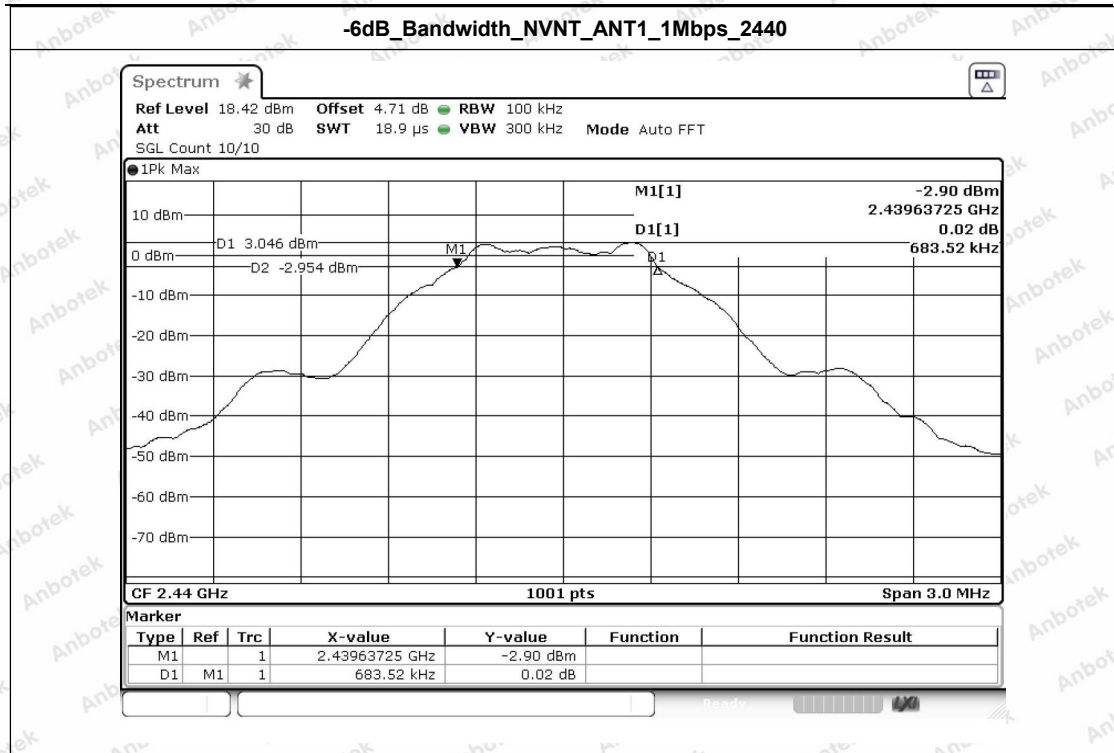
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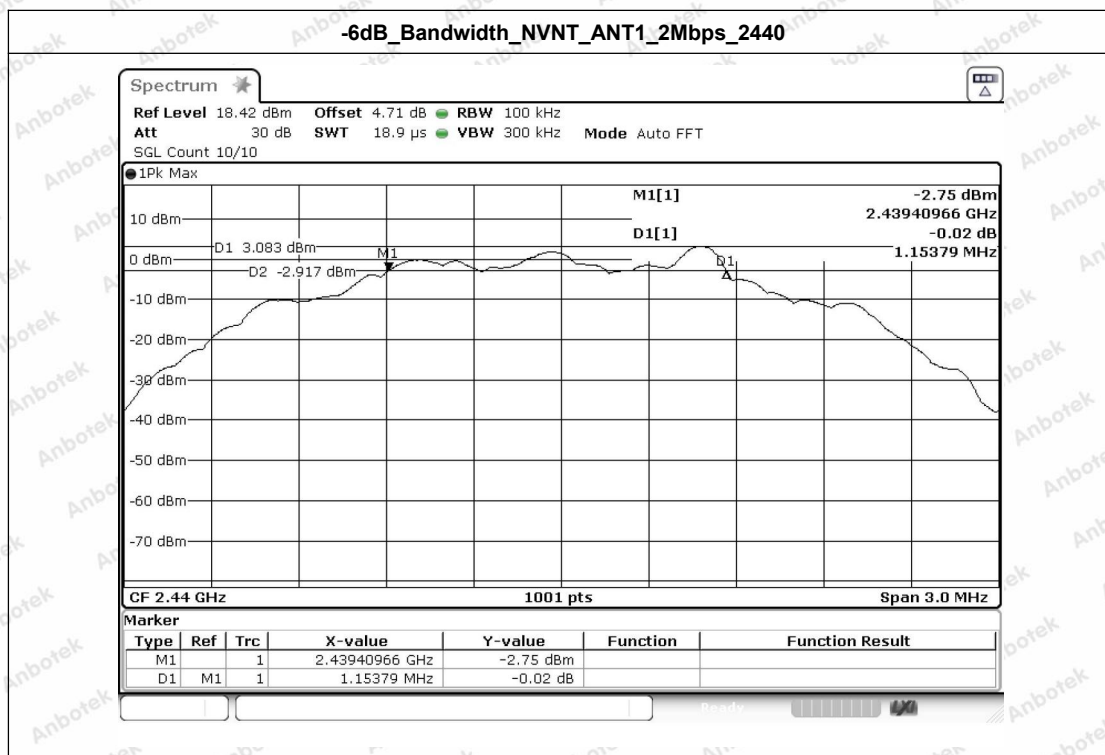
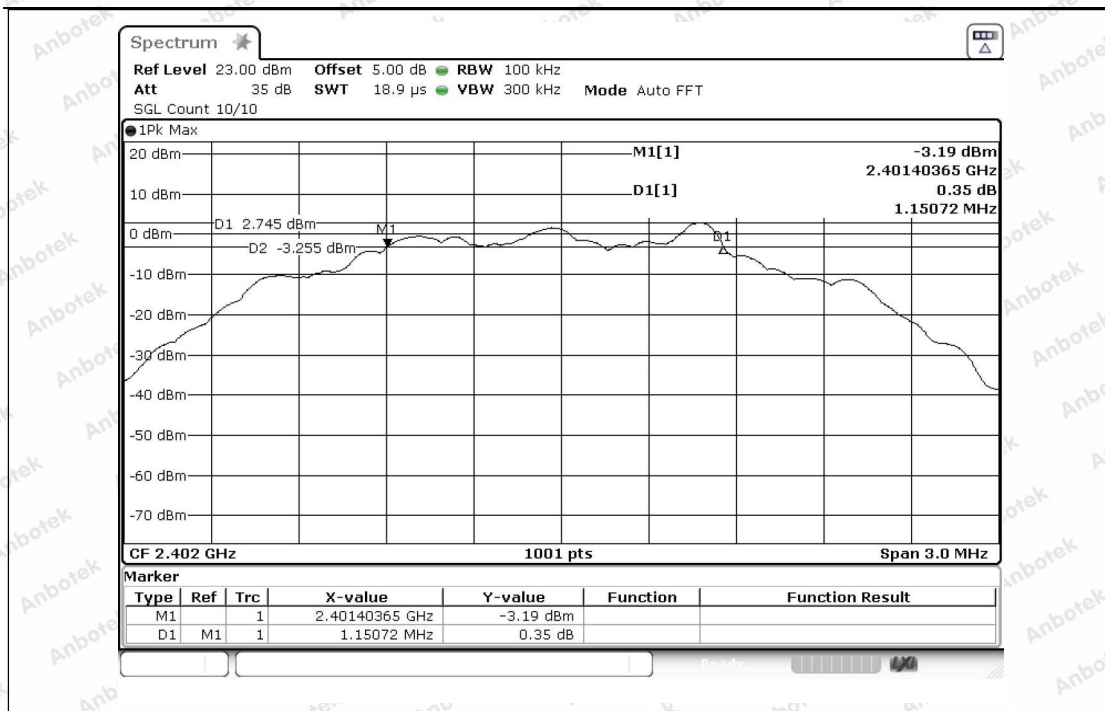


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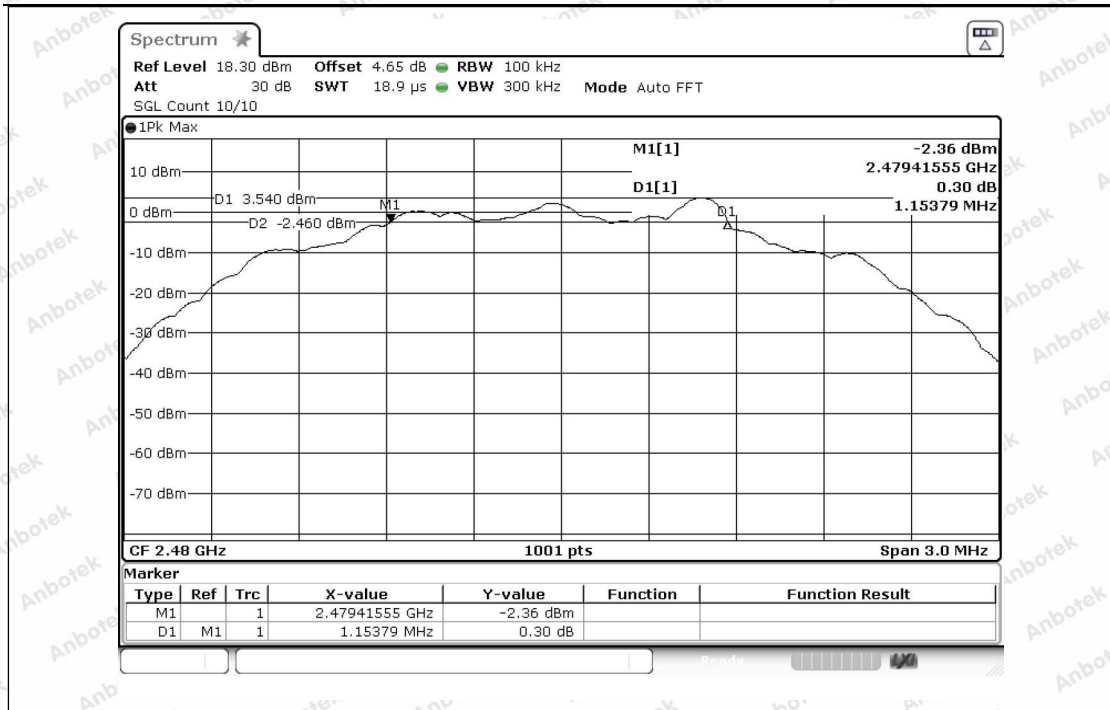






-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480





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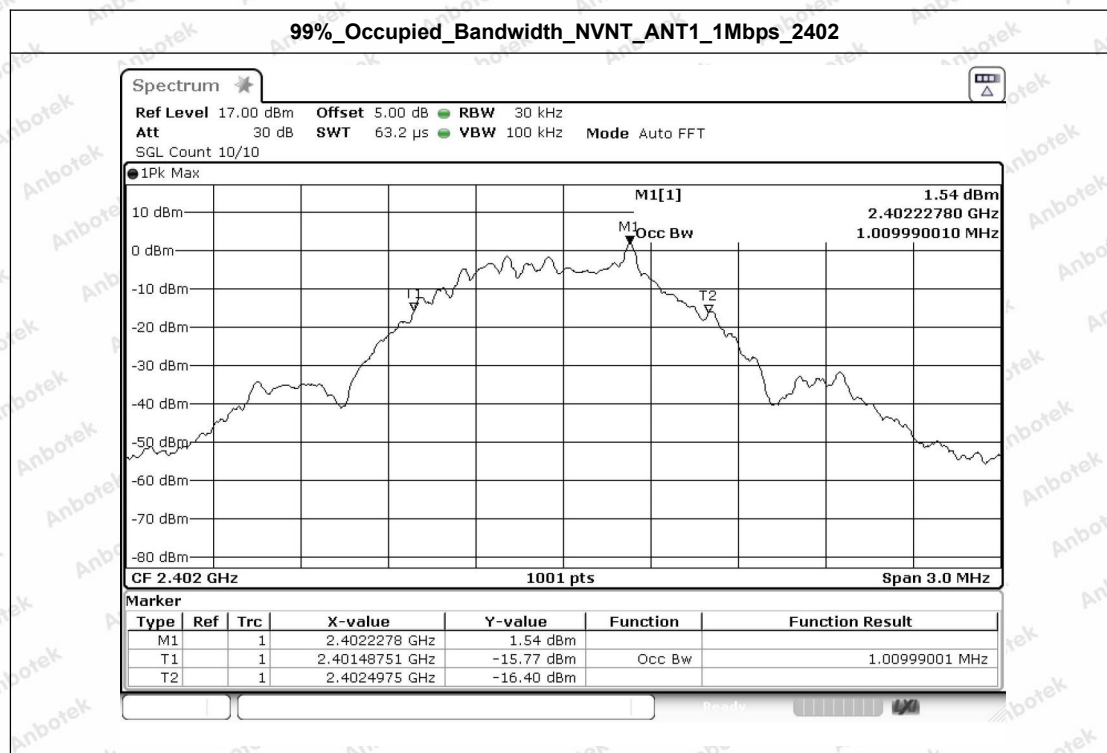


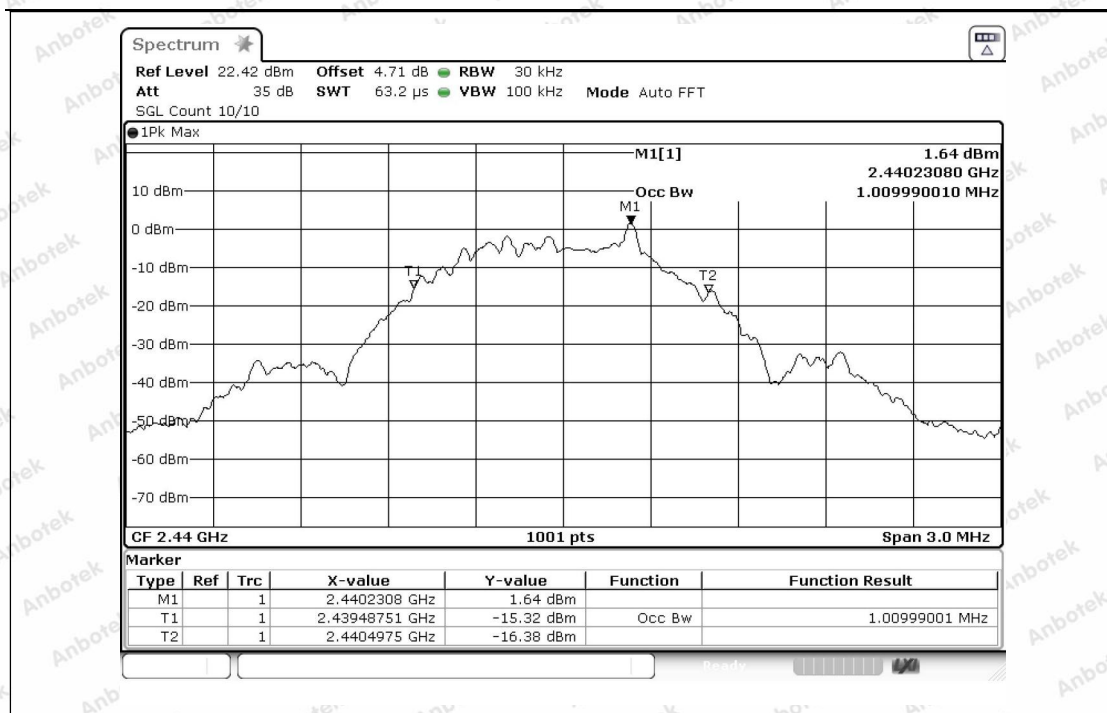
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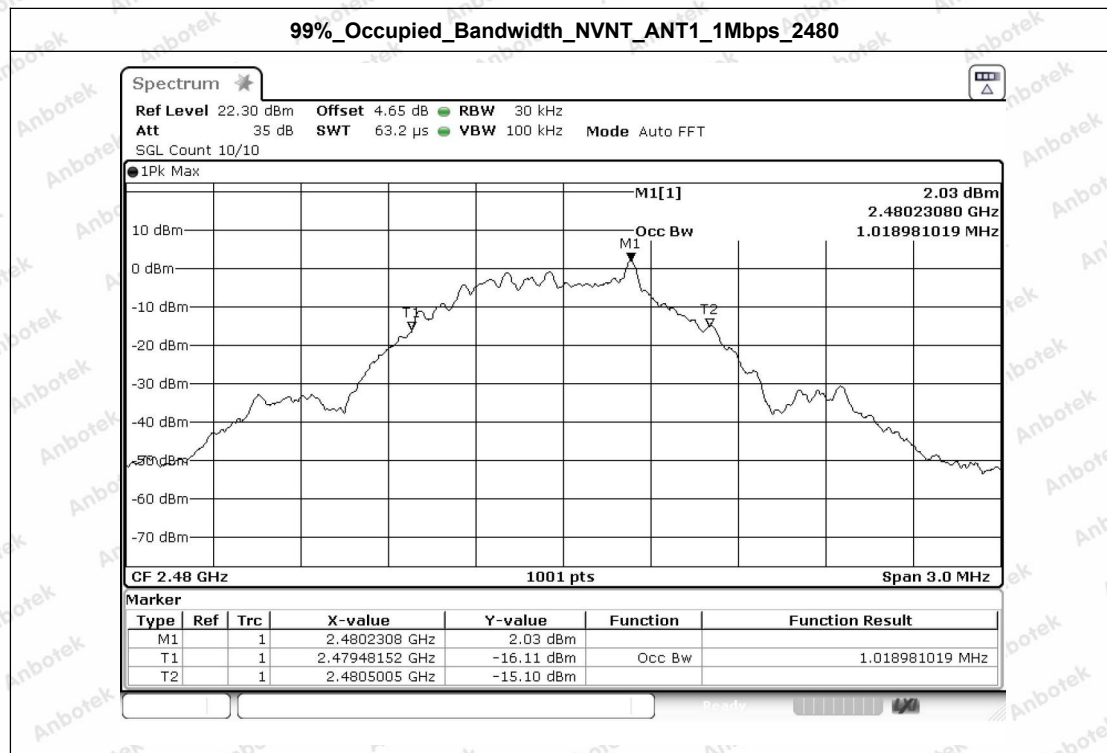
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1Mbps	2402	1.010
NVNT	ANT1	1Mbps	2400	1.010
NVNT	ANT1	1Mbps	2480	1.019
NVNT	ANT1	2Mbps	2402	2.002
NVNT	ANT1	2Mbps	2400	2.005
NVNT	ANT1	2Mbps	2480	2.011

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

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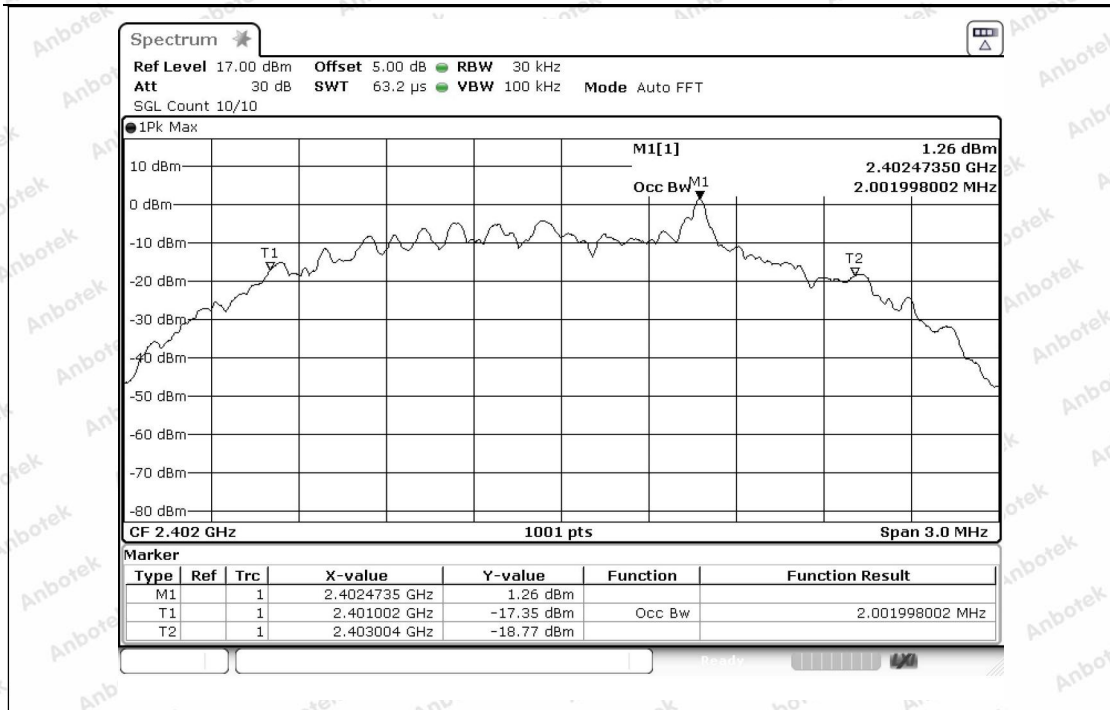
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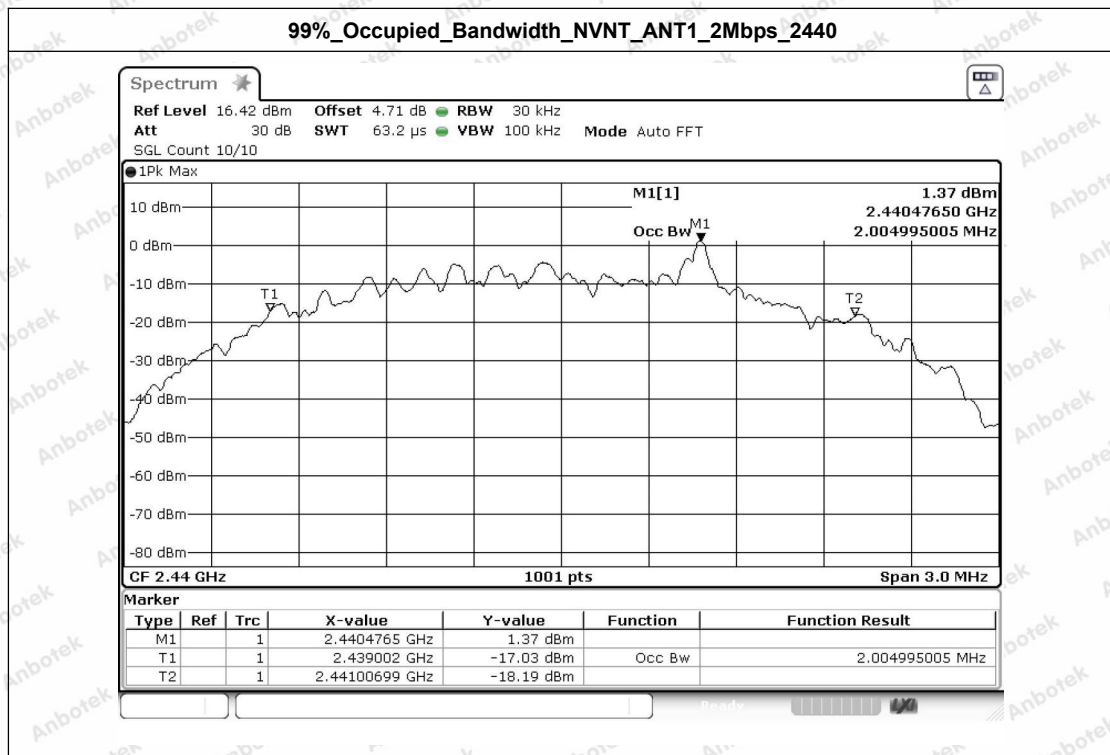
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99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480

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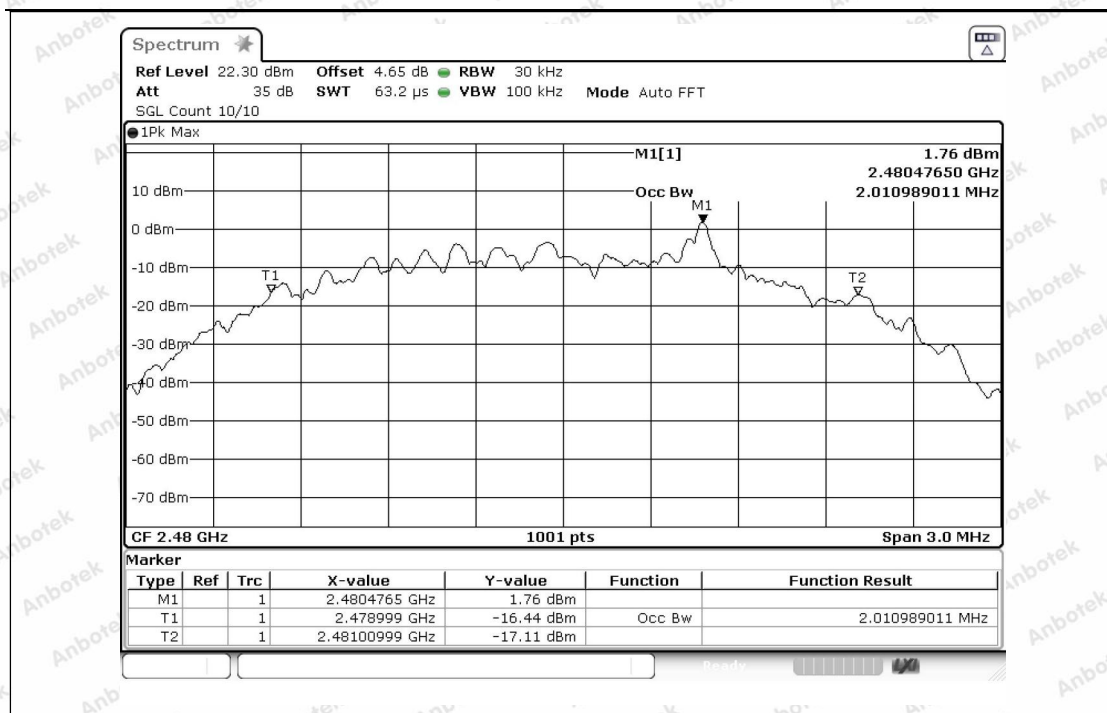


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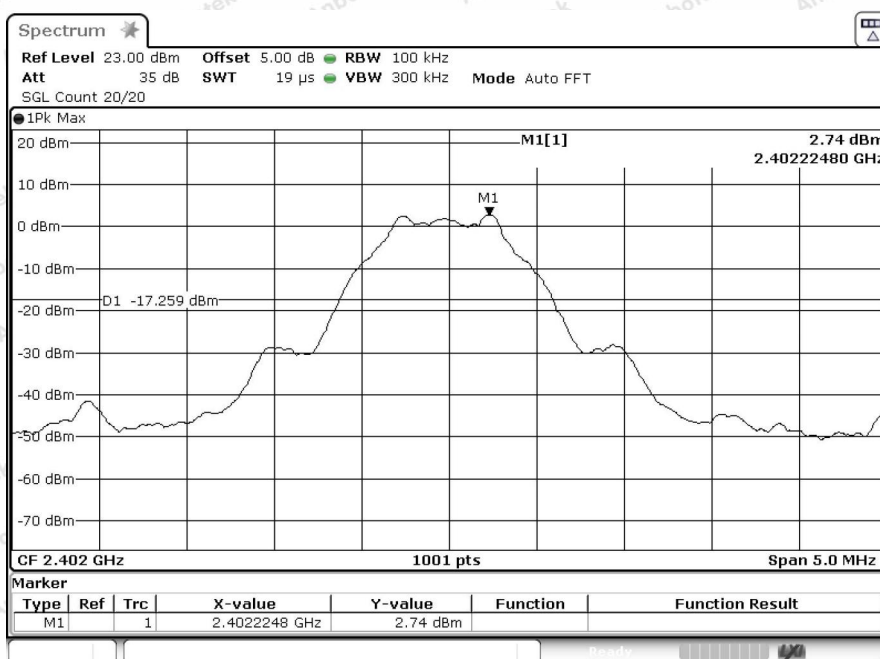
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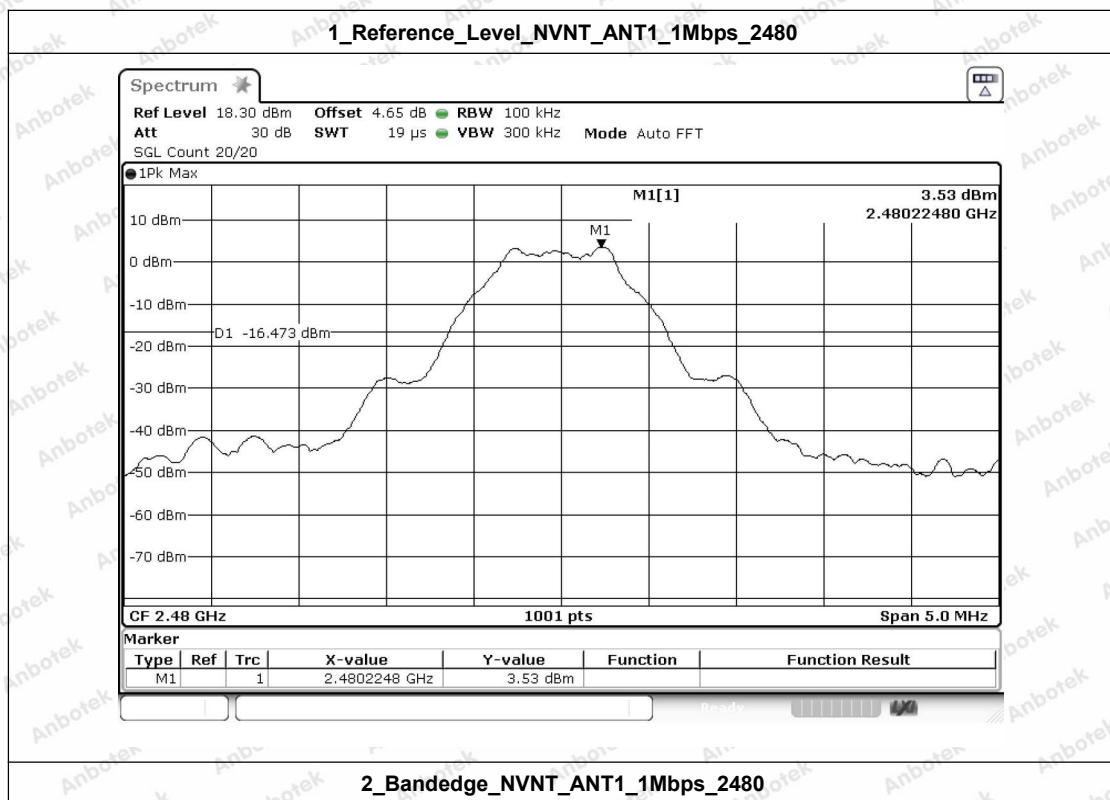
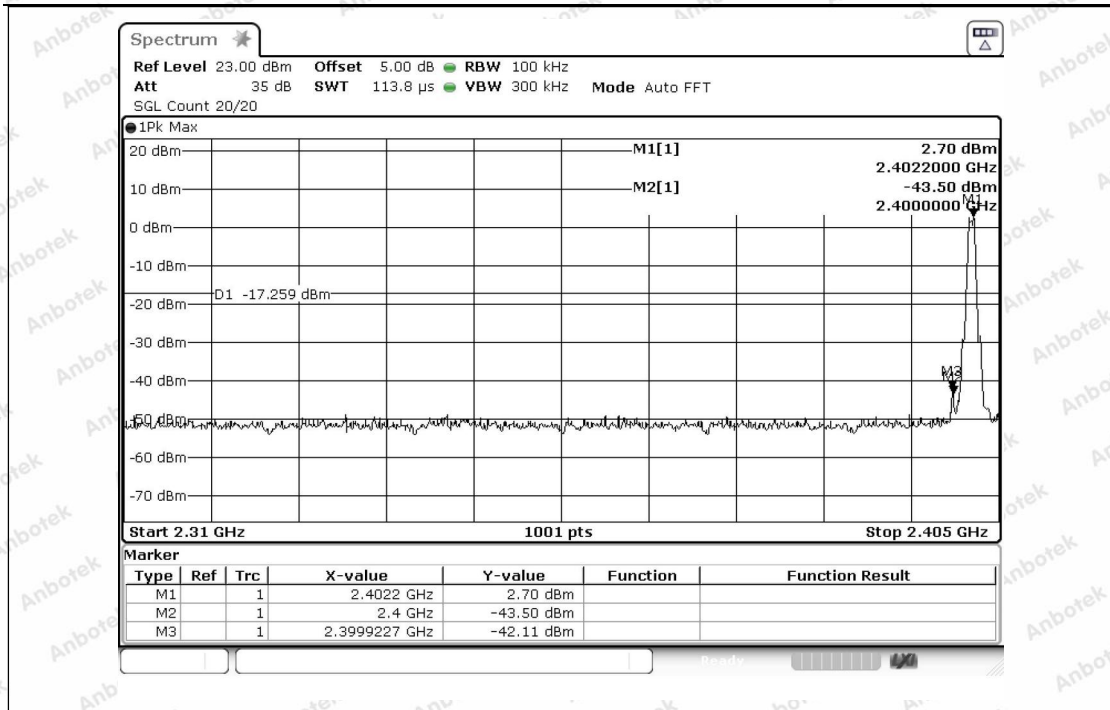
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Appendix C: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-42.115	-17.259	Pass
NVNT	ANT1	1Mbps	2480	2483.704	-51.294	-16.473	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-29.592	-17.246	Pass
NVNT	ANT1	2Mbps	2480	2484.328	-52.029	-16.454	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402**2_Bandedge_NVNT_ANT1_1Mbps_2402**



2_Bandedge_NVNT_ANT1_1Mbps_2480

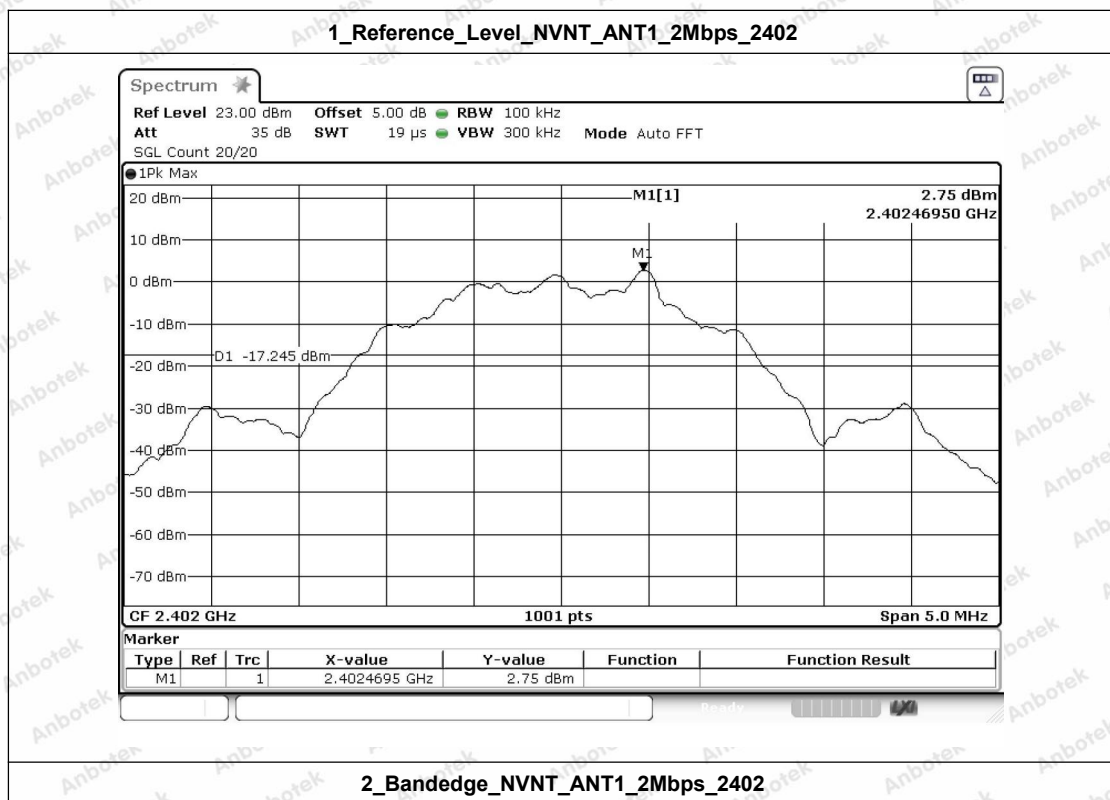
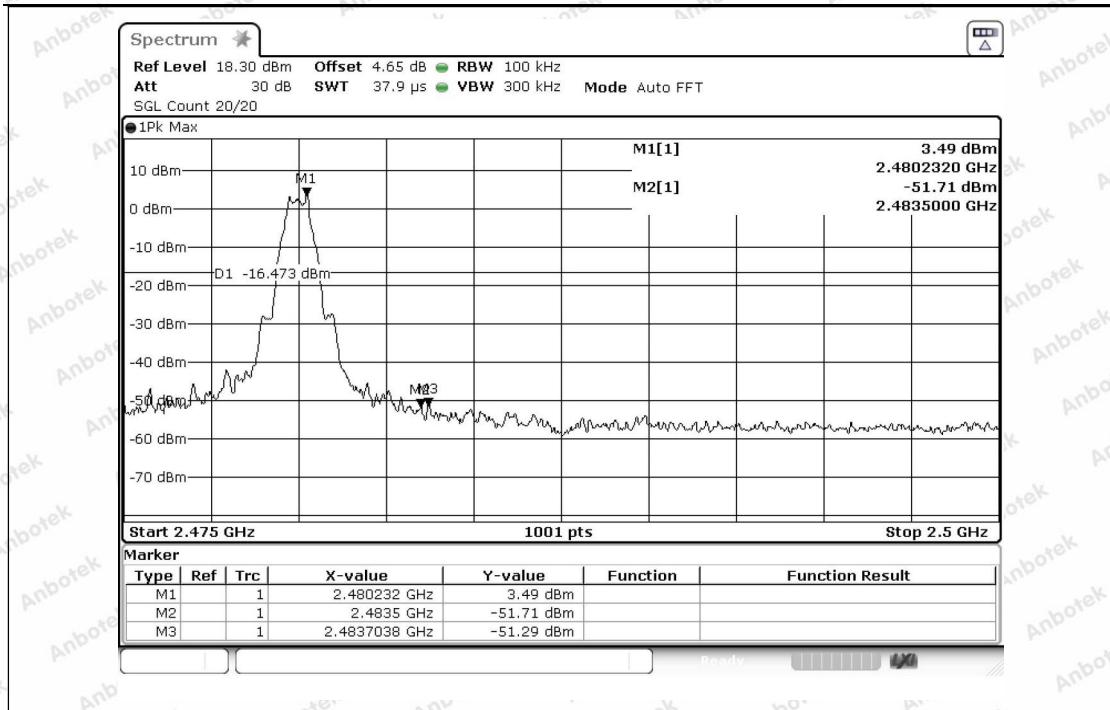
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2_Bandedge_NVNT_ANT1_2Mbps_2402

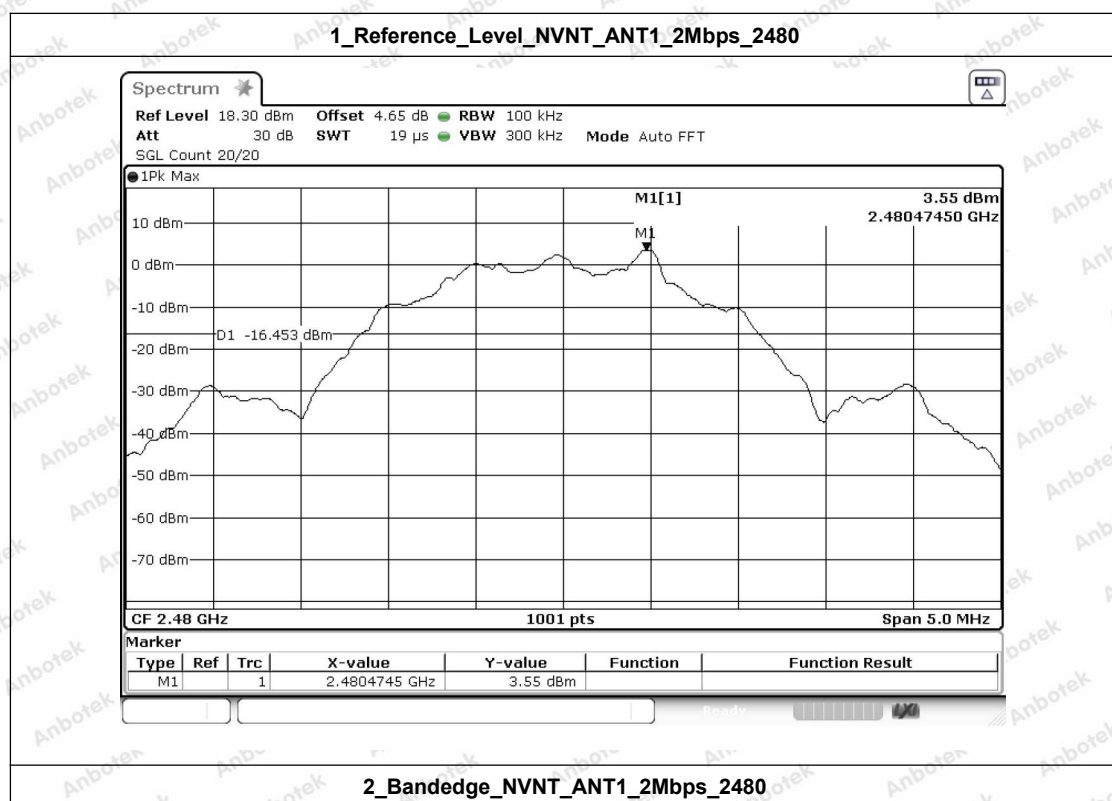
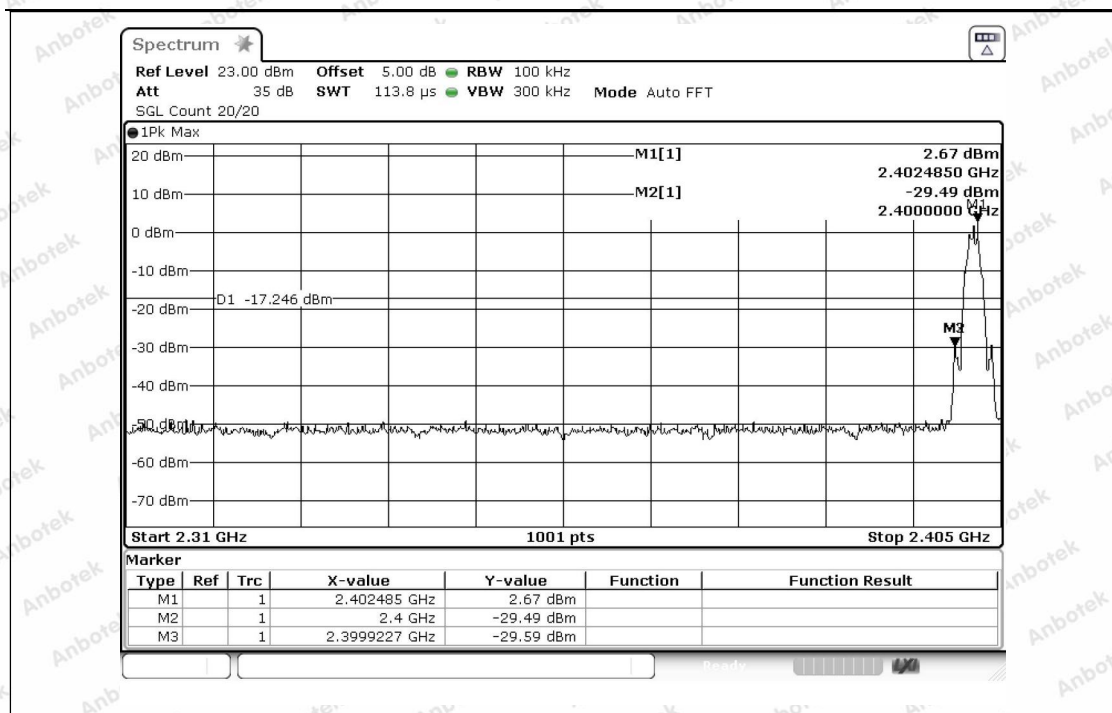
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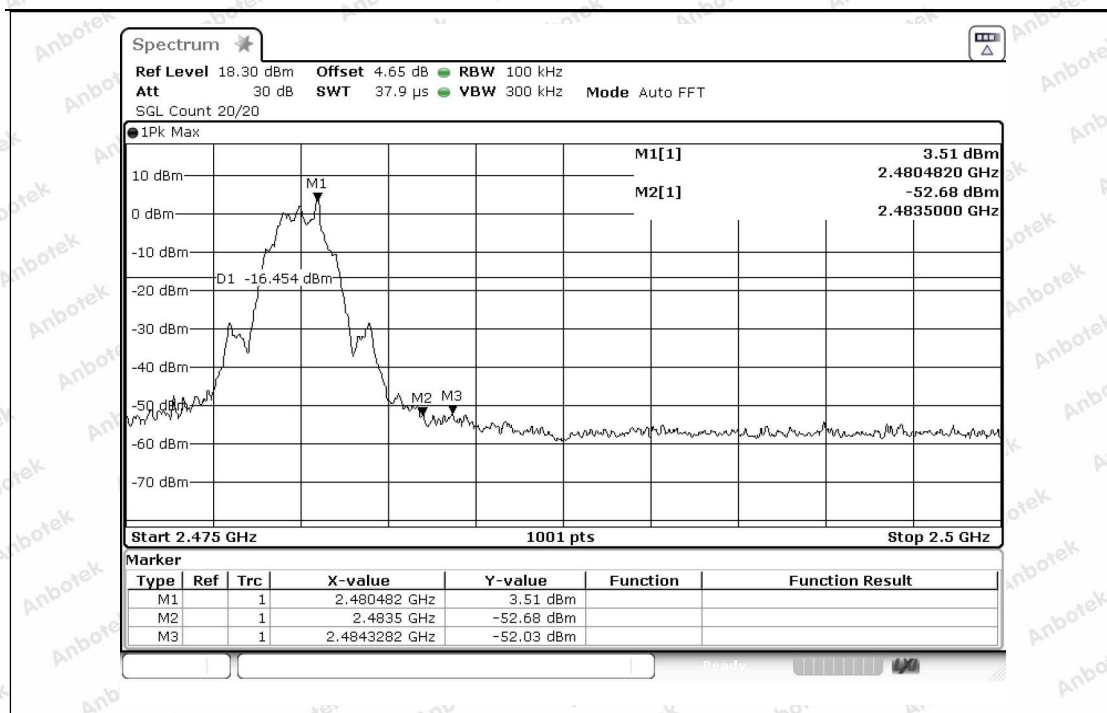
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2_Bandedge_NVNT_ANT1_2Mbps_2480





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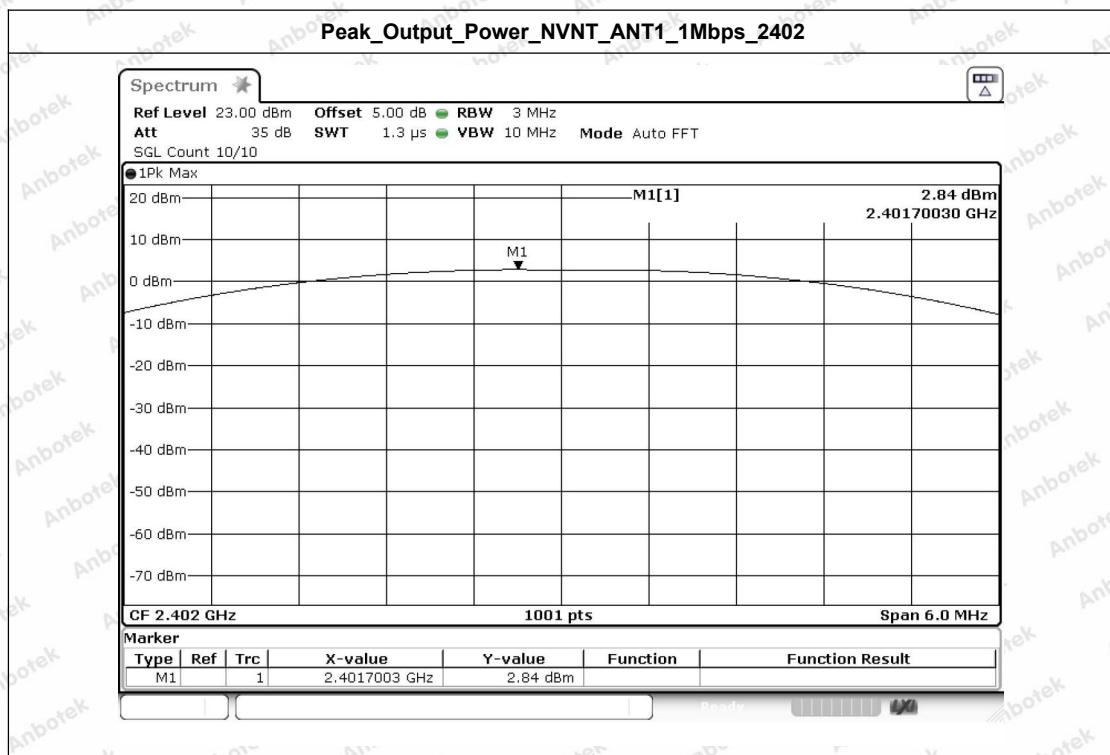


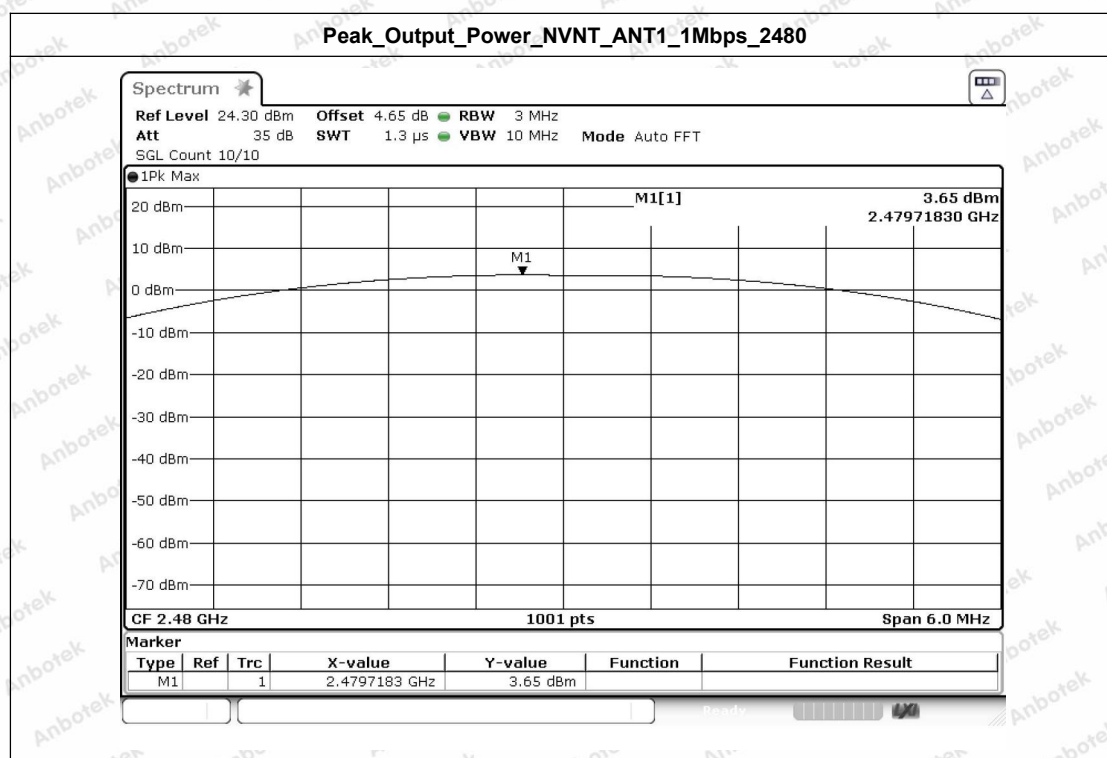
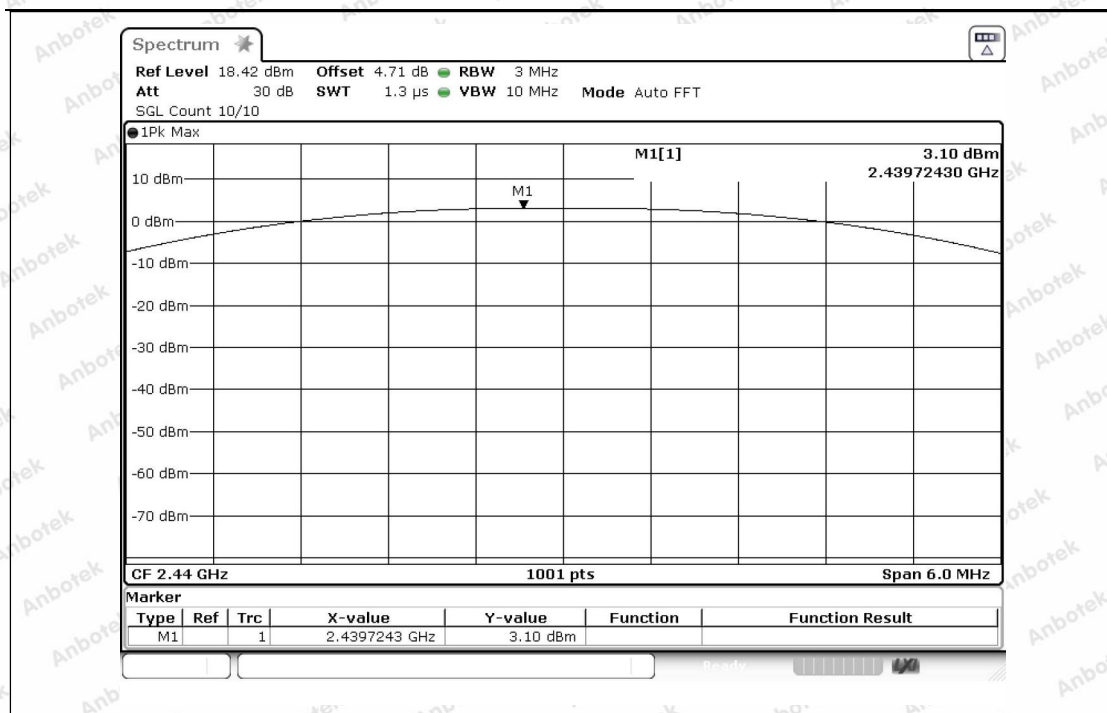
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Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Conducted Limit[dBm]	Result
NVNT	ANT1	1Mbps	2402	2.84	≤30	Pass
NVNT	ANT1	1Mbps	2400	3.10	≤30	Pass
NVNT	ANT1	1Mbps	2480	3.65	≤30	Pass
NVNT	ANT1	2Mbps	2402	2.85	≤30	Pass
NVNT	ANT1	2Mbps	2400	3.10	≤30	Pass
NVNT	ANT1	2Mbps	2480	3.67	≤30	Pass

Peak_Output_Power_NVNT_ANT1_1Mbps_2402**Peak_Output_Power_NVNT_ANT1_1Mbps_2440**



Peak_Output_Power_NVNT_ANT1_2Mbps_2402

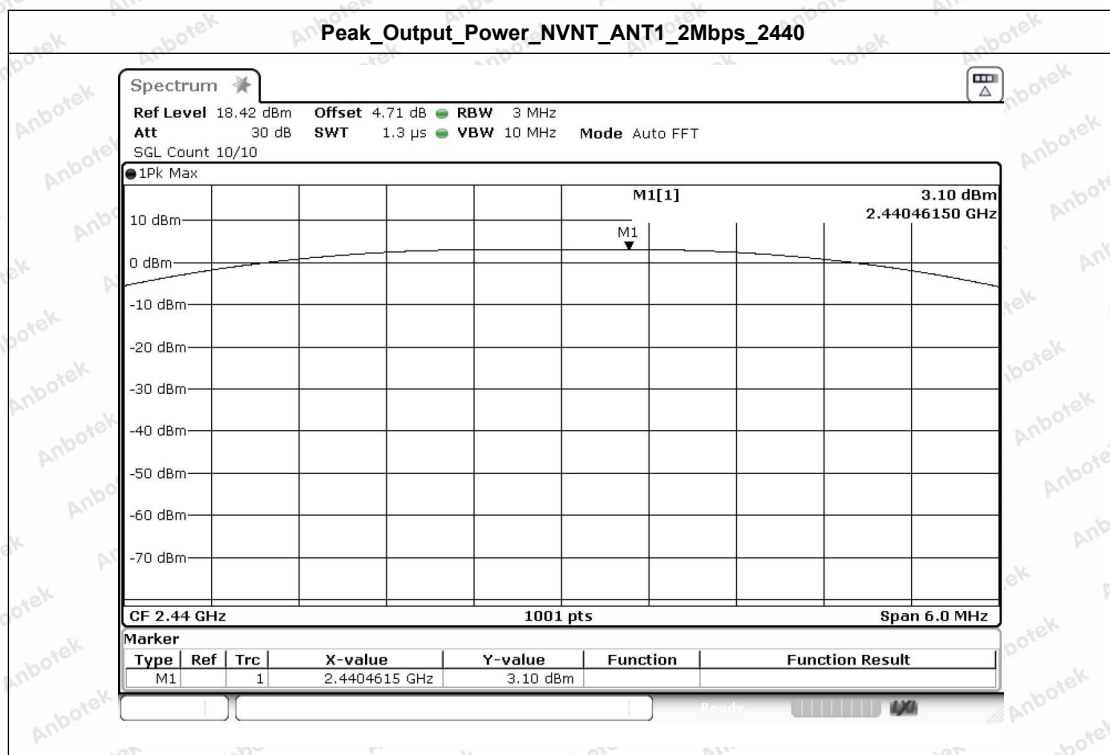
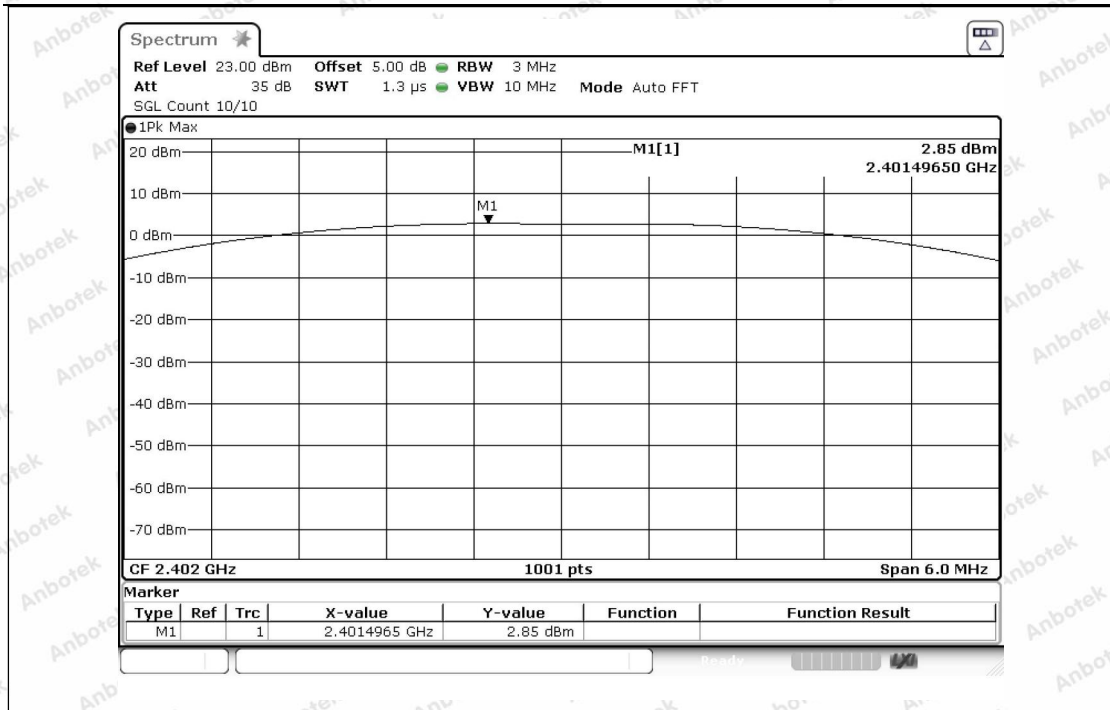
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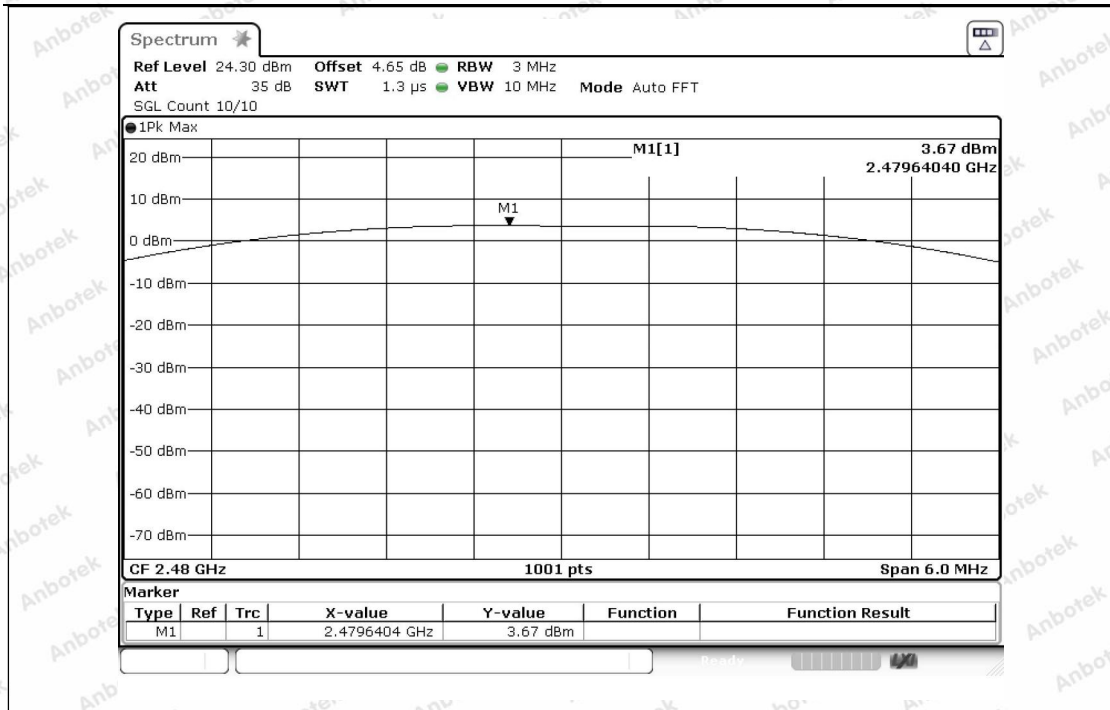
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Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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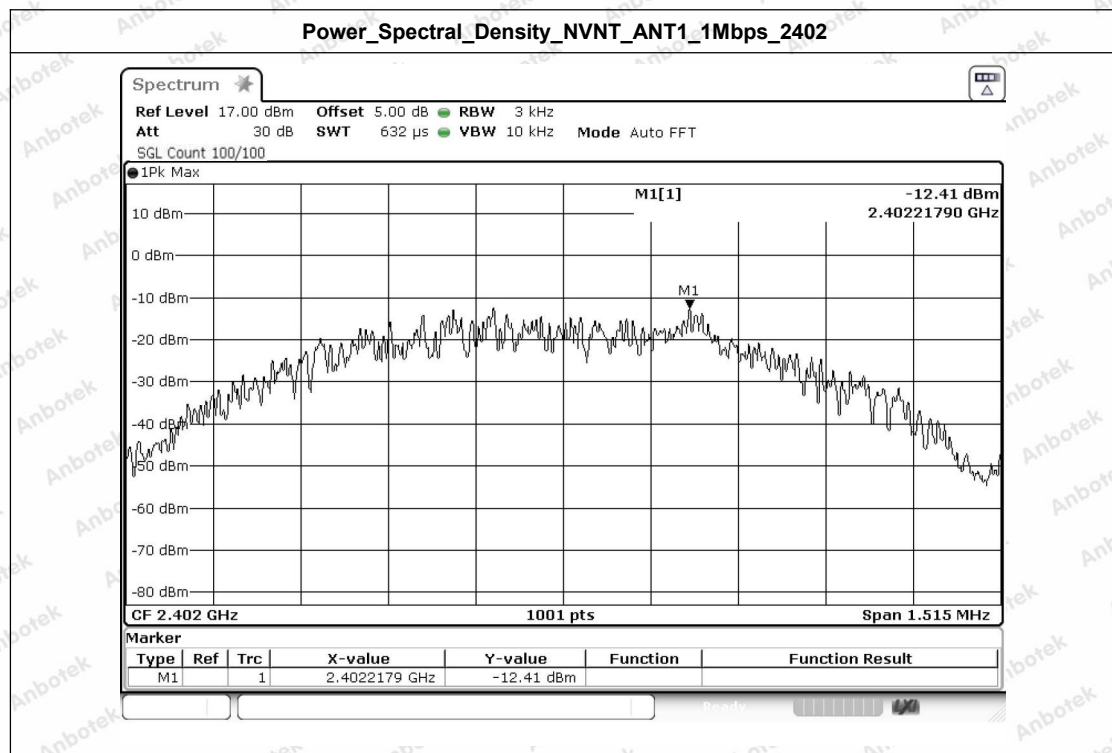
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Appendix E: Power Spectral Density

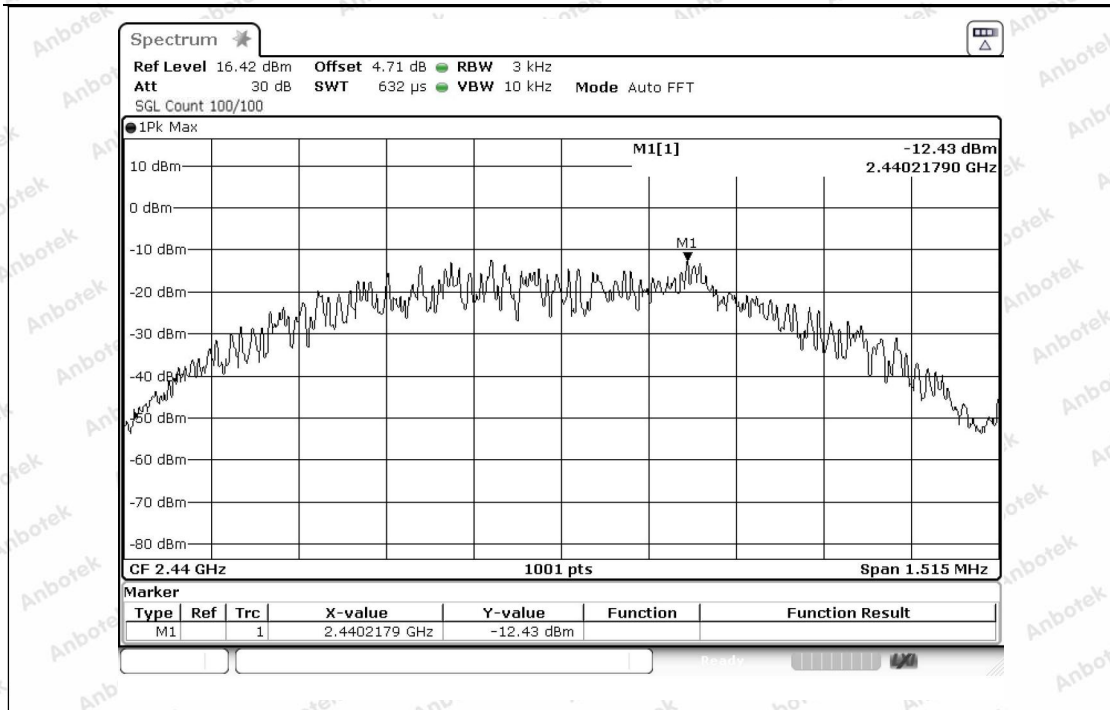
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-12.41	8	Pass
NVNT	ANT1	1Mbps	2400	-12.43	8	Pass
NVNT	ANT1	1Mbps	2480	-11.76	8	Pass
NVNT	ANT1	2Mbps	2402	-14.14	8	Pass
NVNT	ANT1	2Mbps	2400	-14.41	8	Pass
NVNT	ANT1	2Mbps	2480	-13.93	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402

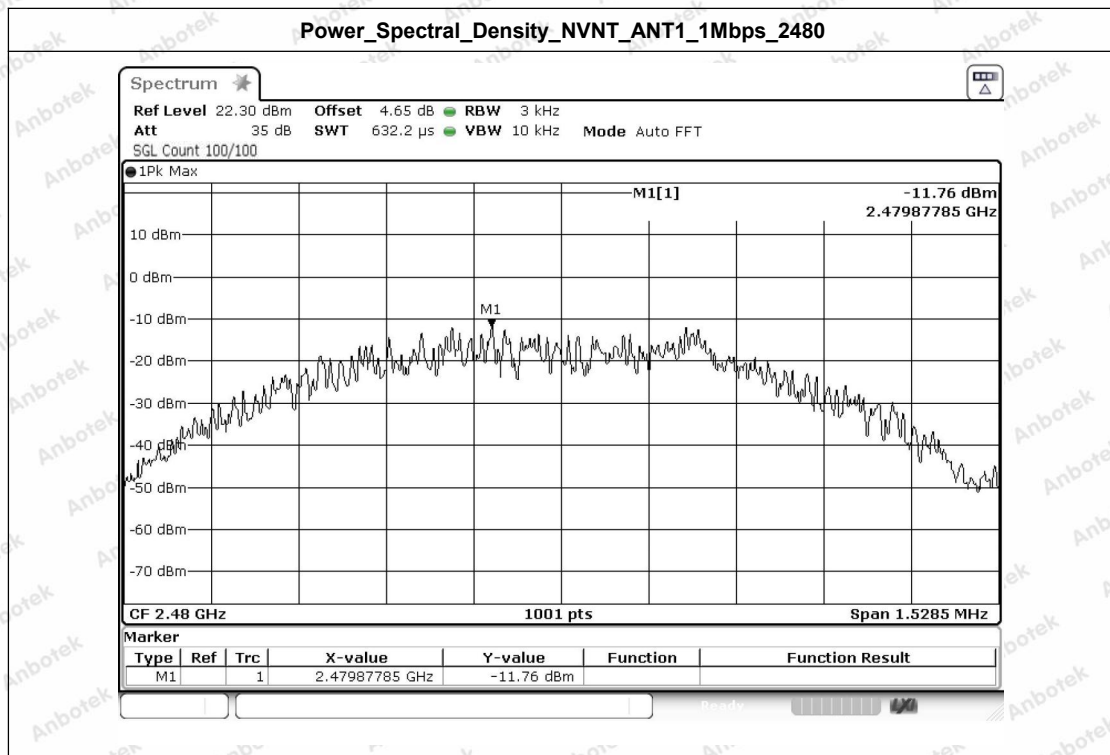


Power_Spectral_Density_NVNT_ANT1_1Mbps_2440





Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



Power_Spectral_Density_NVNT_ANT1_2Mbps_2402

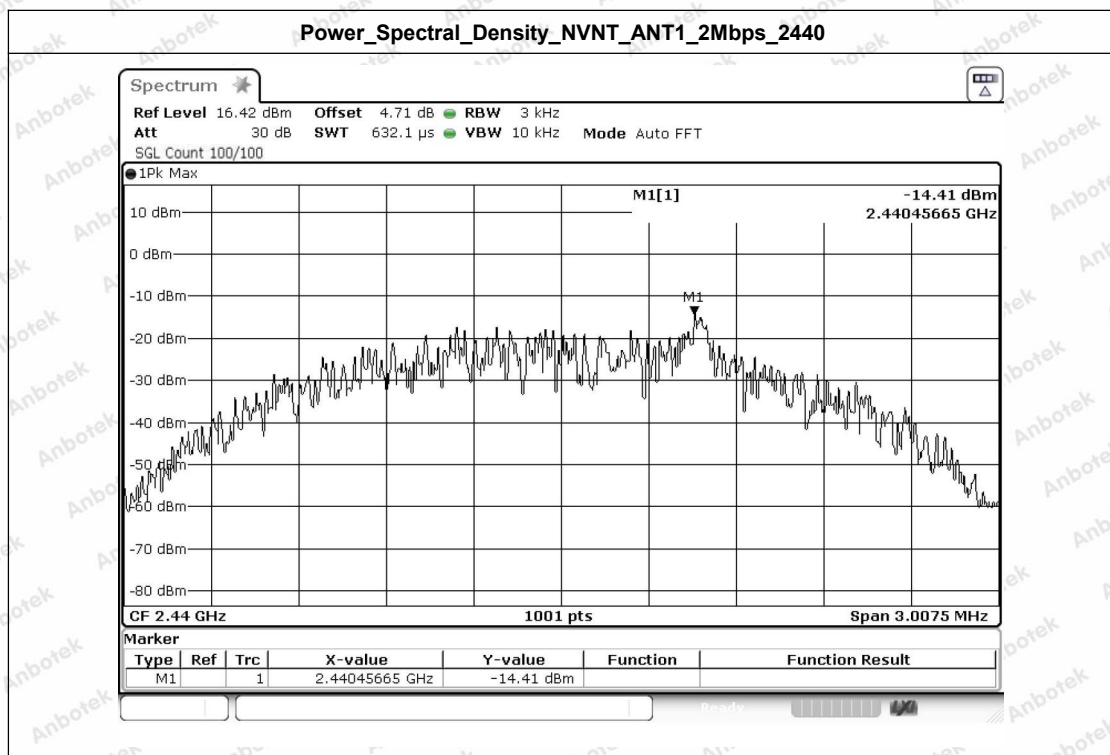
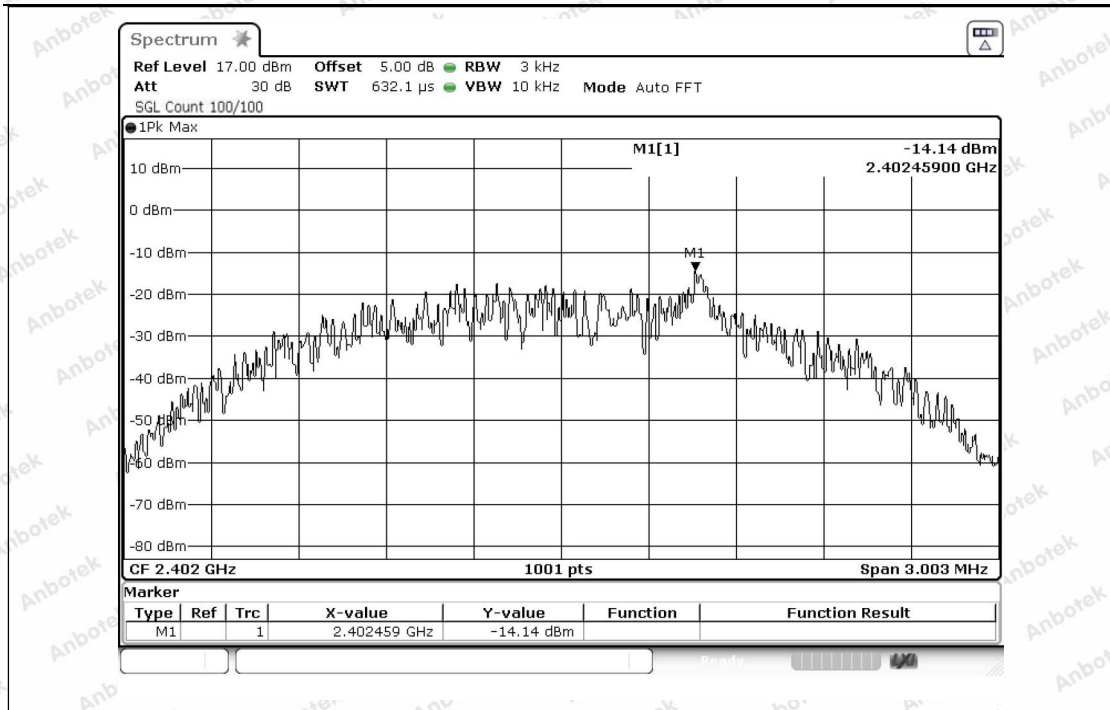
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Power_Spectral_Density_NVNT_ANT1_2Mbps_2480

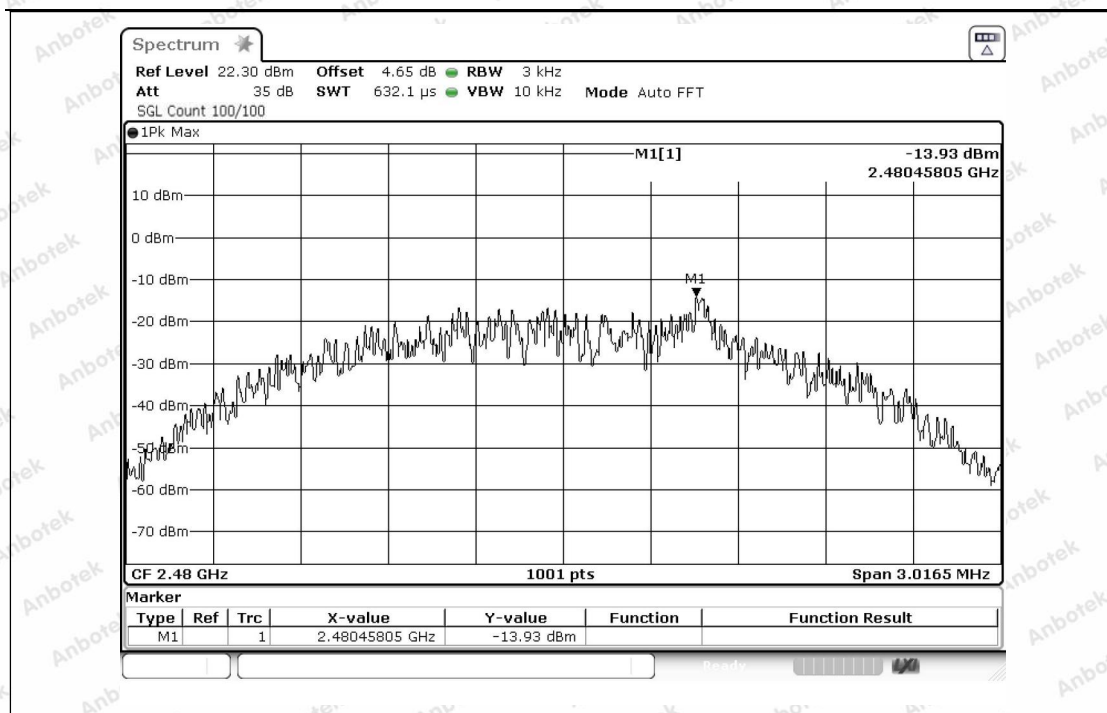
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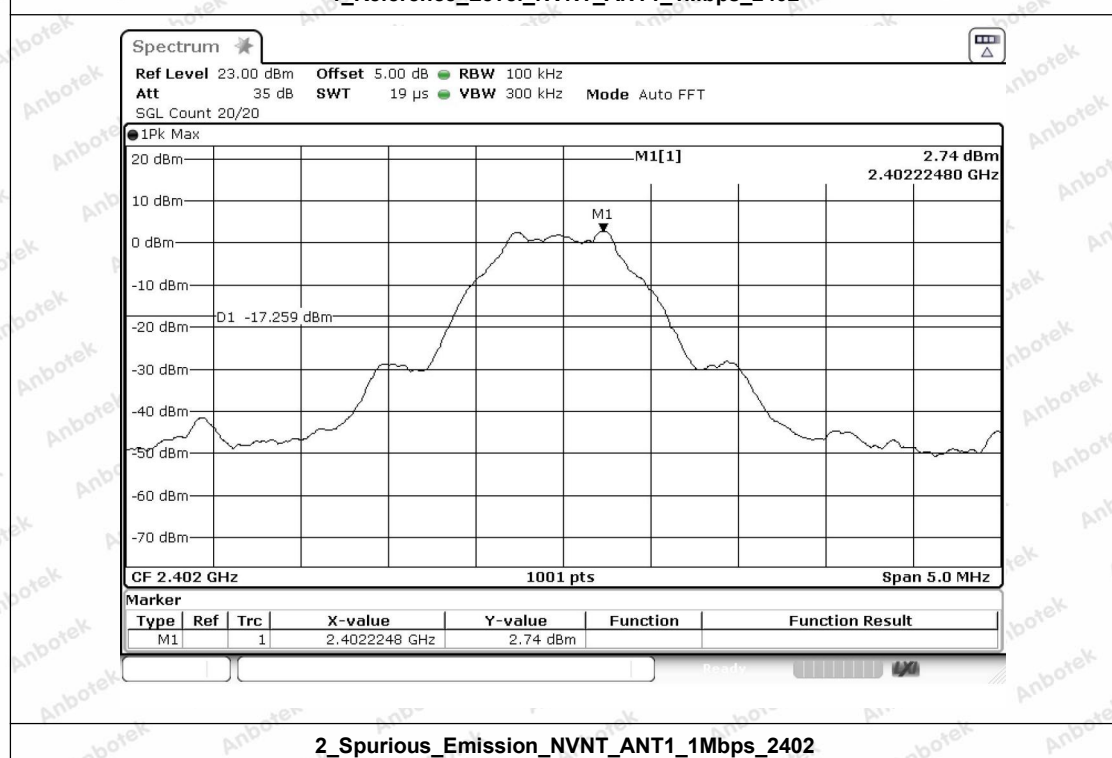
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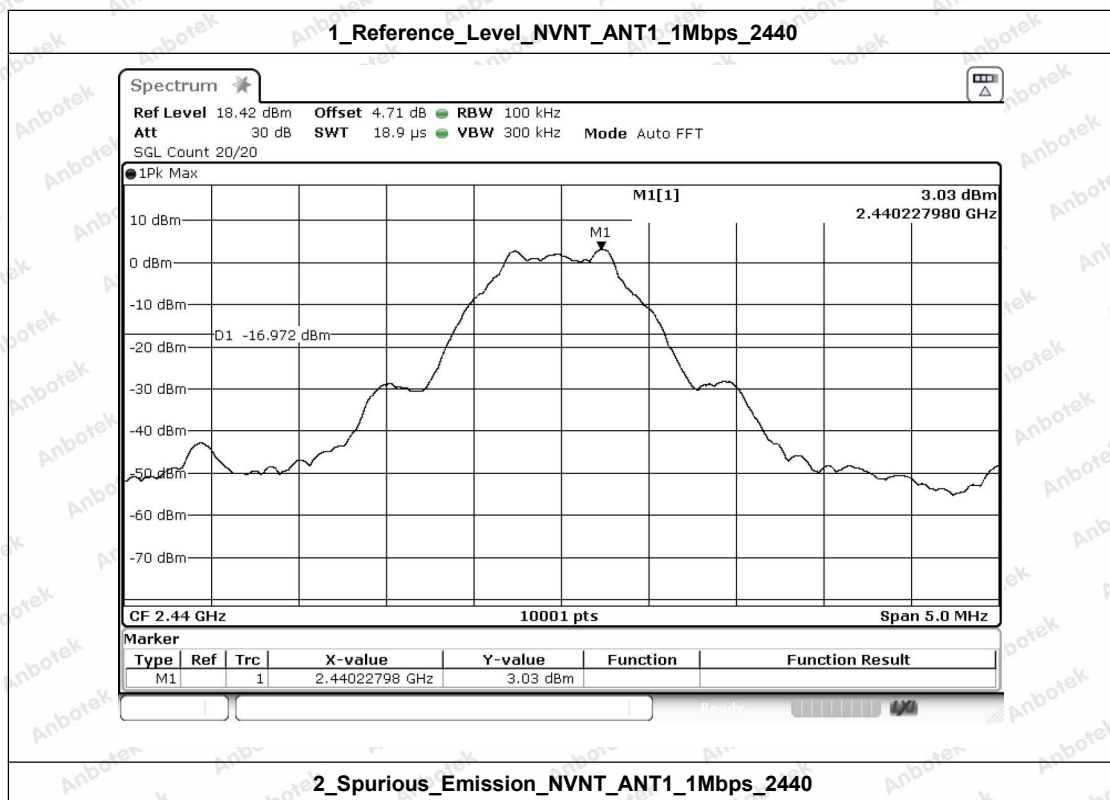
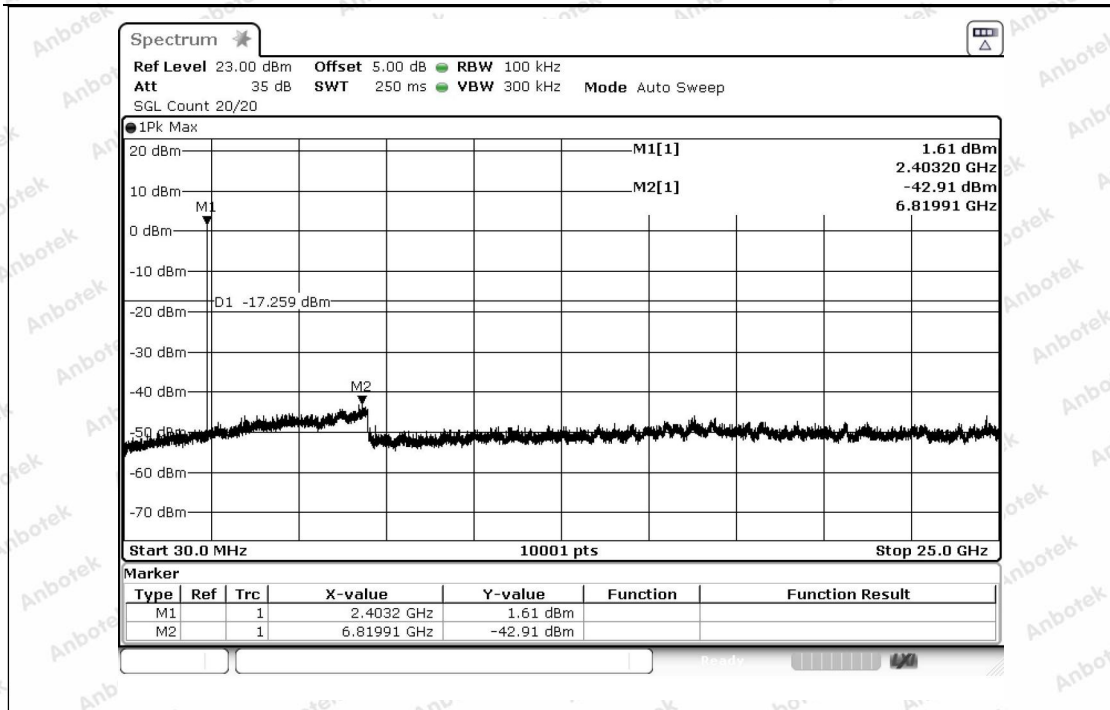


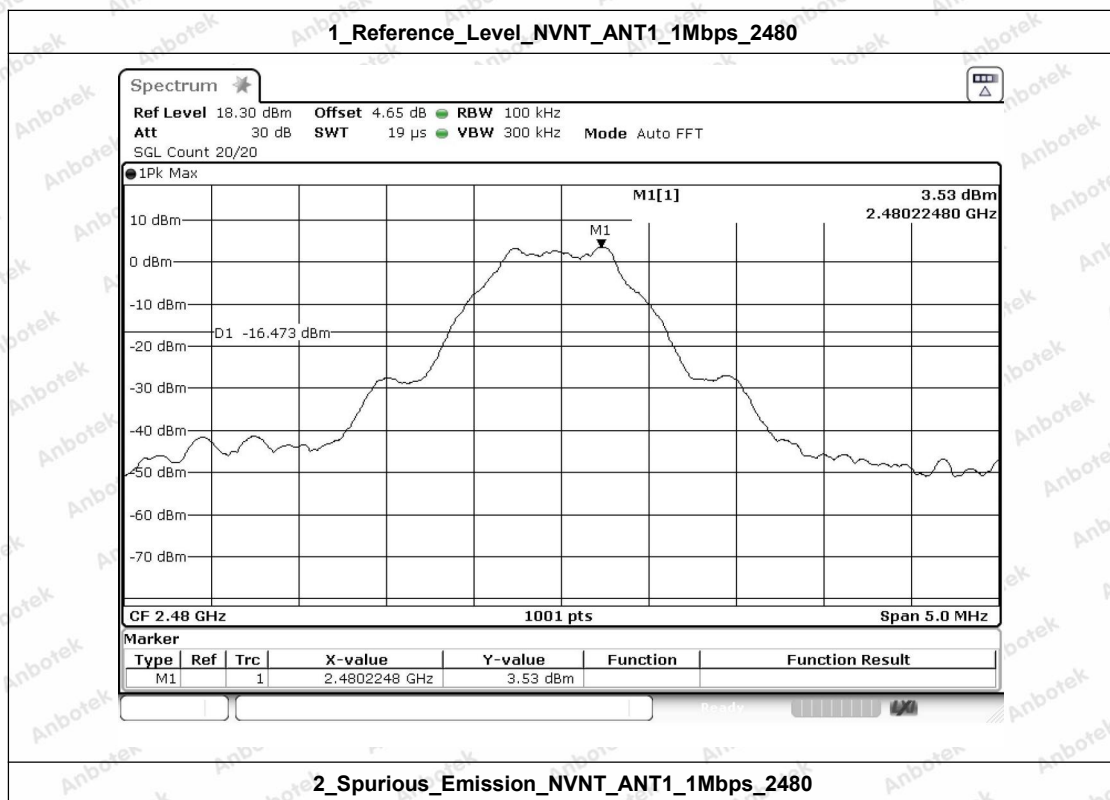
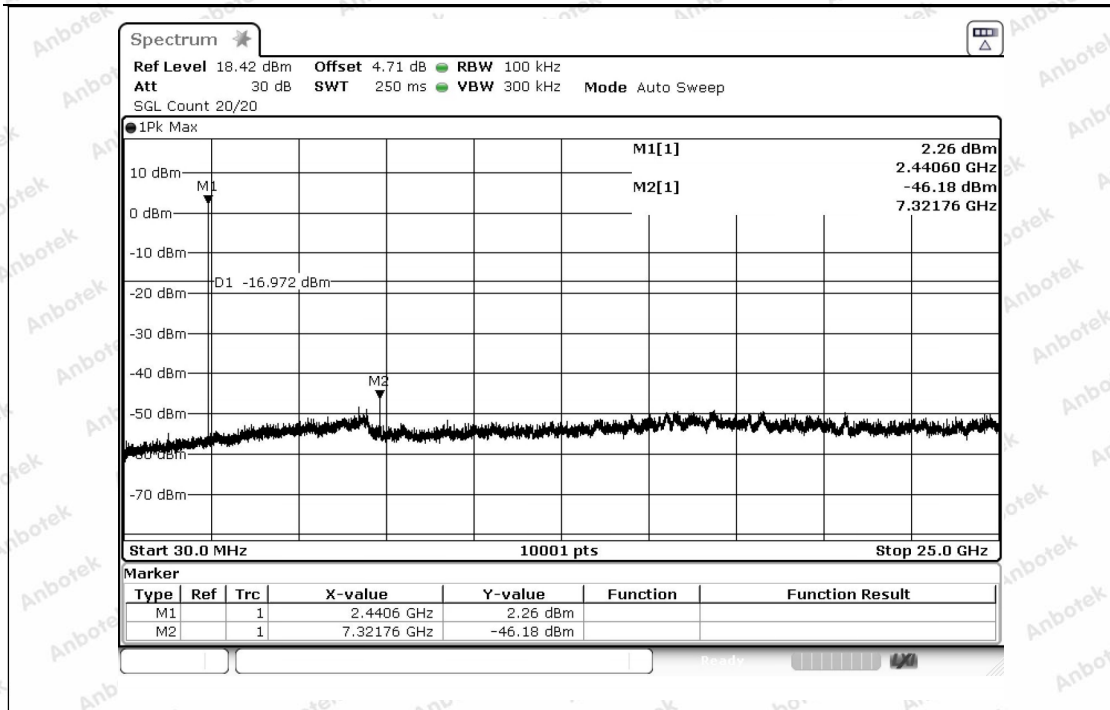
Appendix F: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-42.912	-17.259	Pass
NVNT	ANT1	1Mbps	2400	-46.176	-16.972	Pass
NVNT	ANT1	1Mbps	2480	-44.626	-16.473	Pass
NVNT	ANT1	2Mbps	2402	-43.286	-17.246	Pass
NVNT	ANT1	2Mbps	2400	-47.105	-16.920	Pass
NVNT	ANT1	2Mbps	2480	-41.951	-16.454	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402

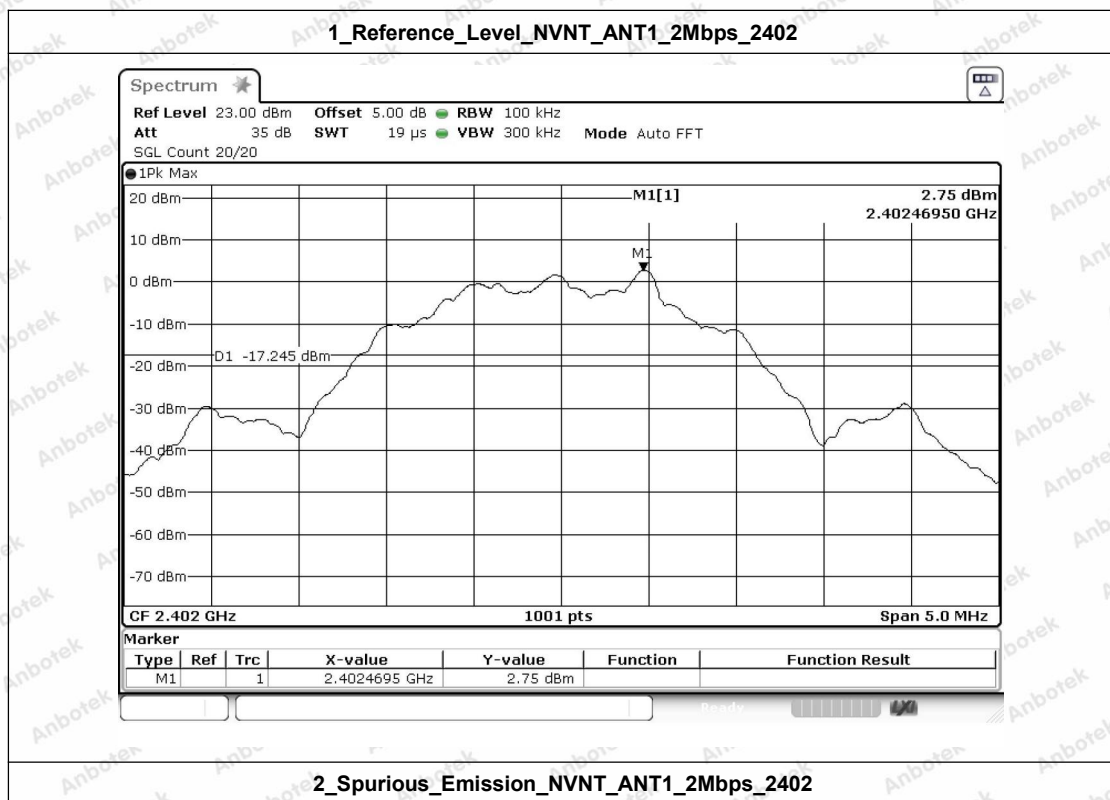
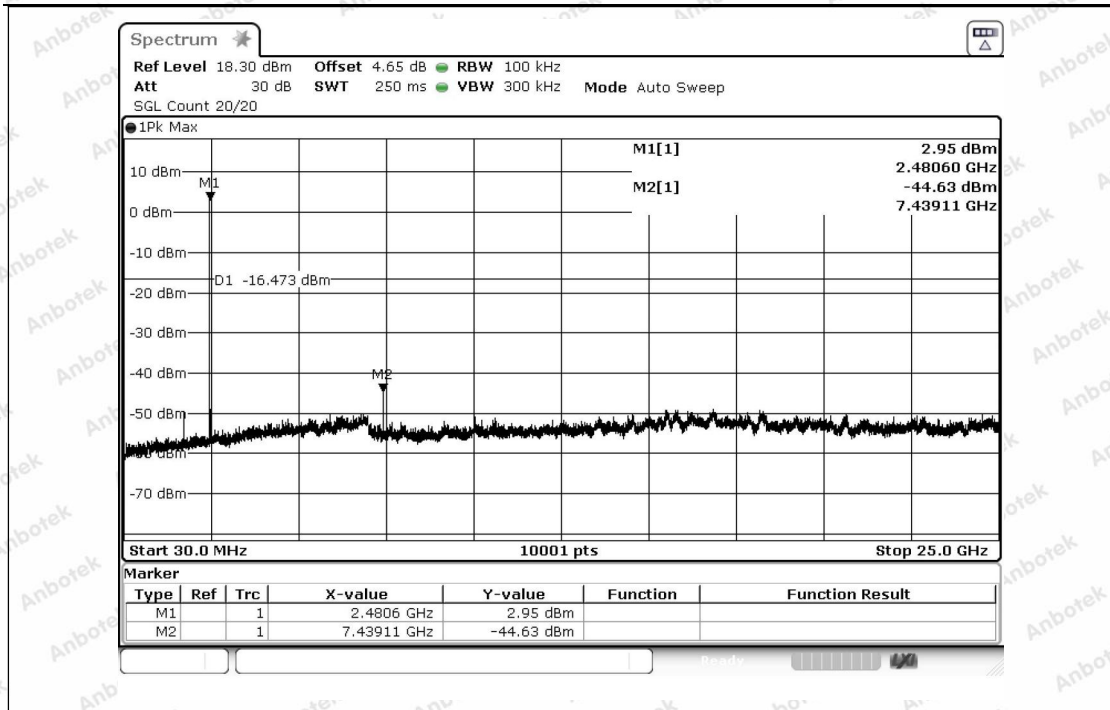






2_Spurious_Emission_NVNT_ANT1_1Mbps_2480





2_Spurious_Emission_NVNT_ANT1_2Mbps_2402

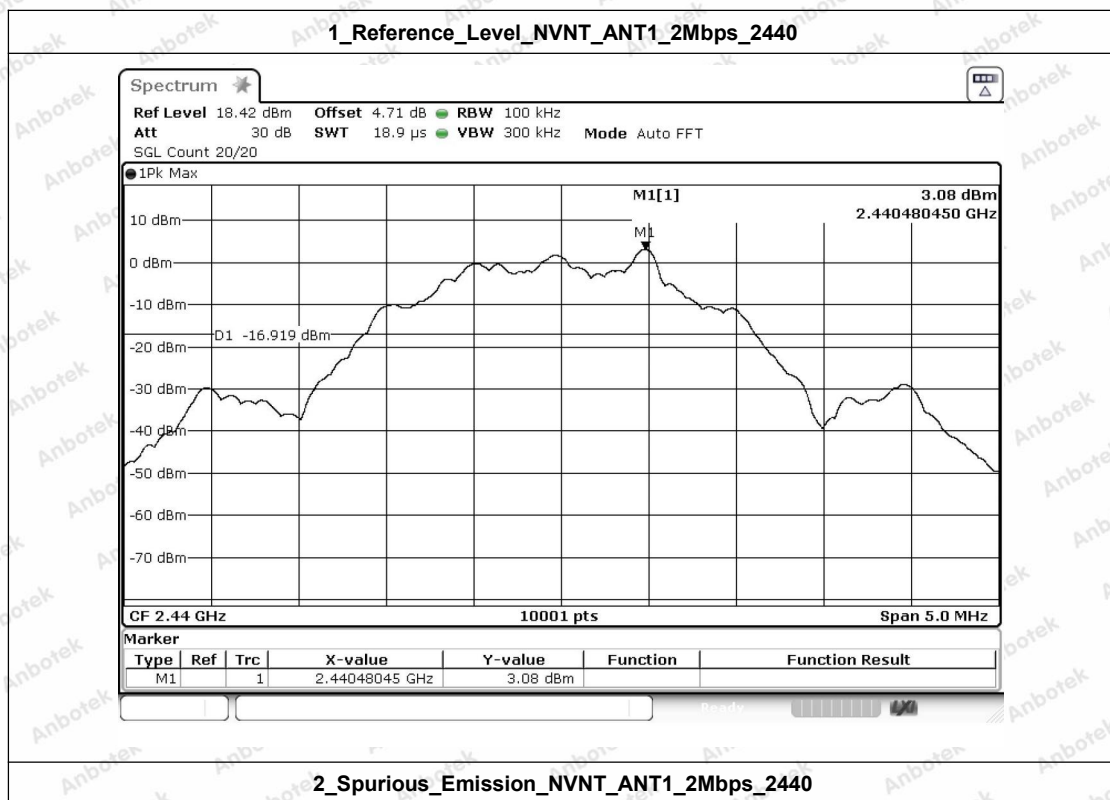
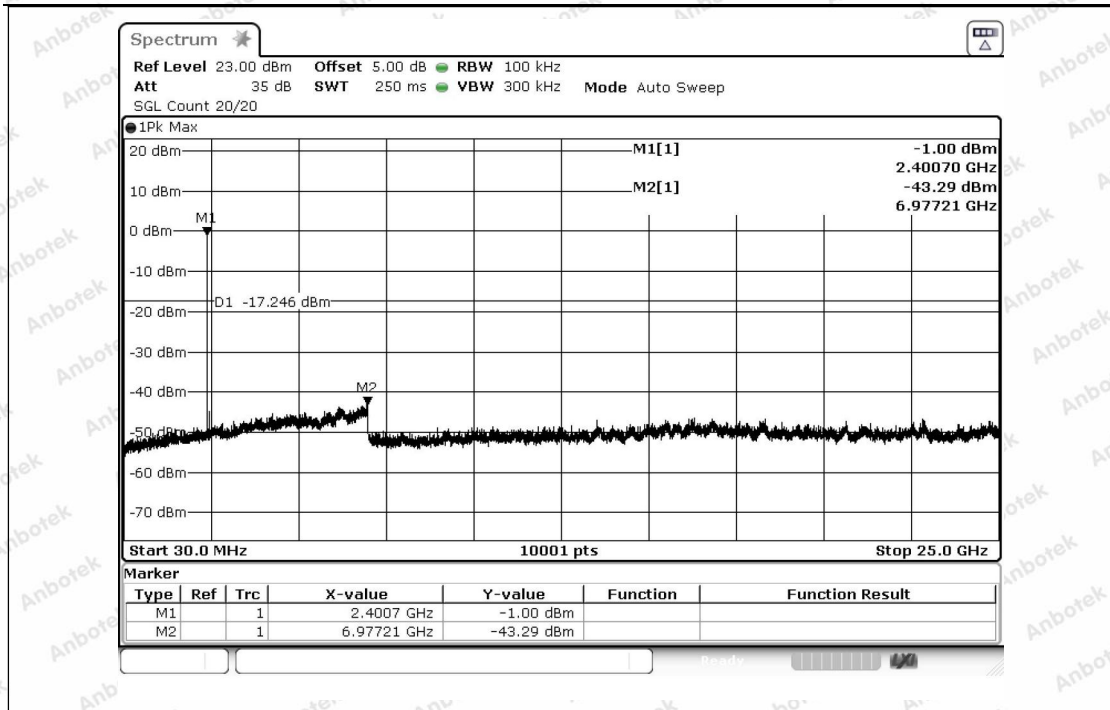
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2_Spurious_Emission_NVNT_ANT1_2Mbps_2440

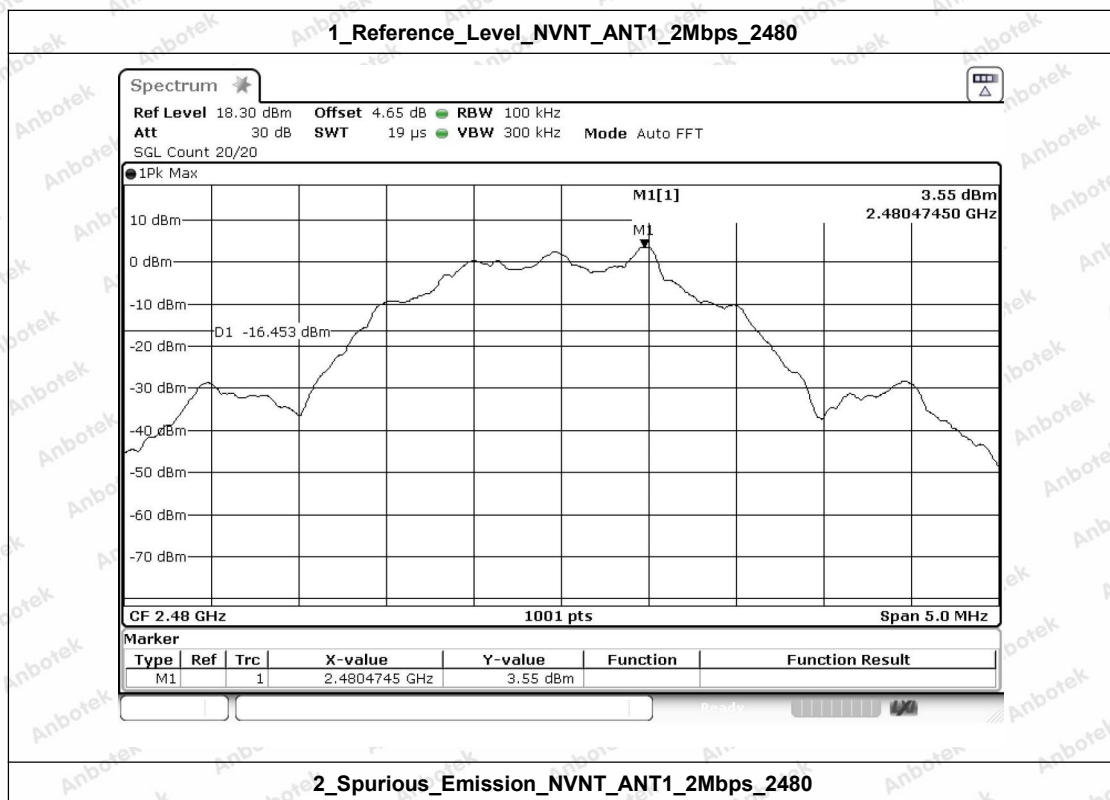
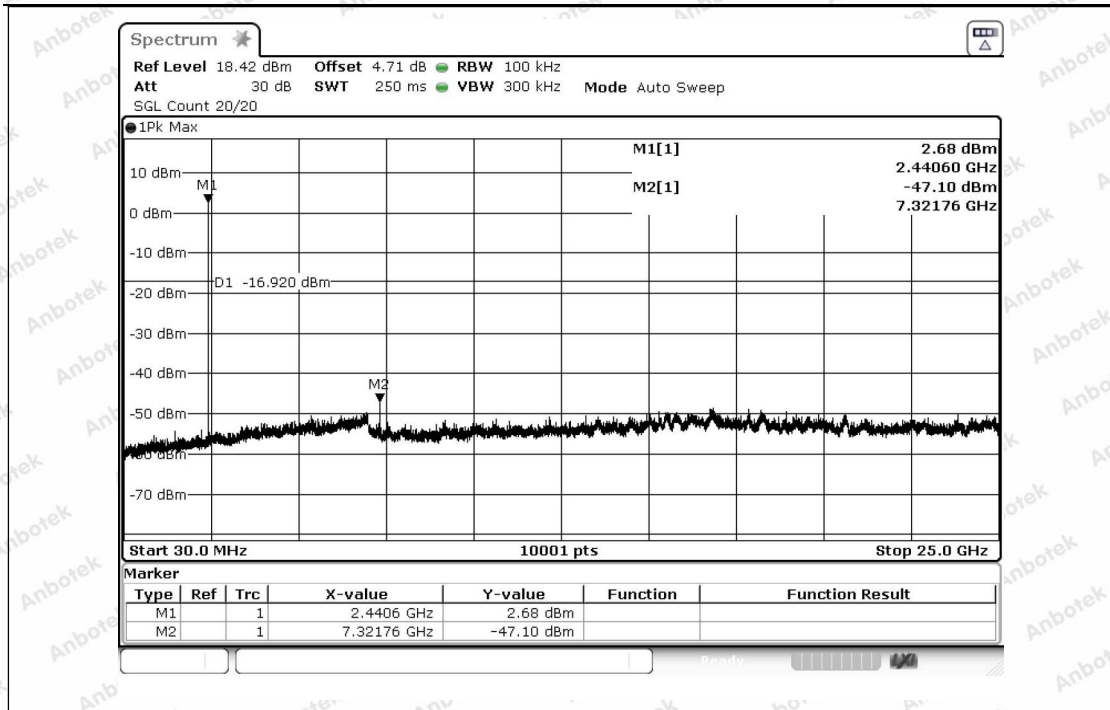
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2_Spurious_Emission_NVNT_ANT1_2Mbps_2480

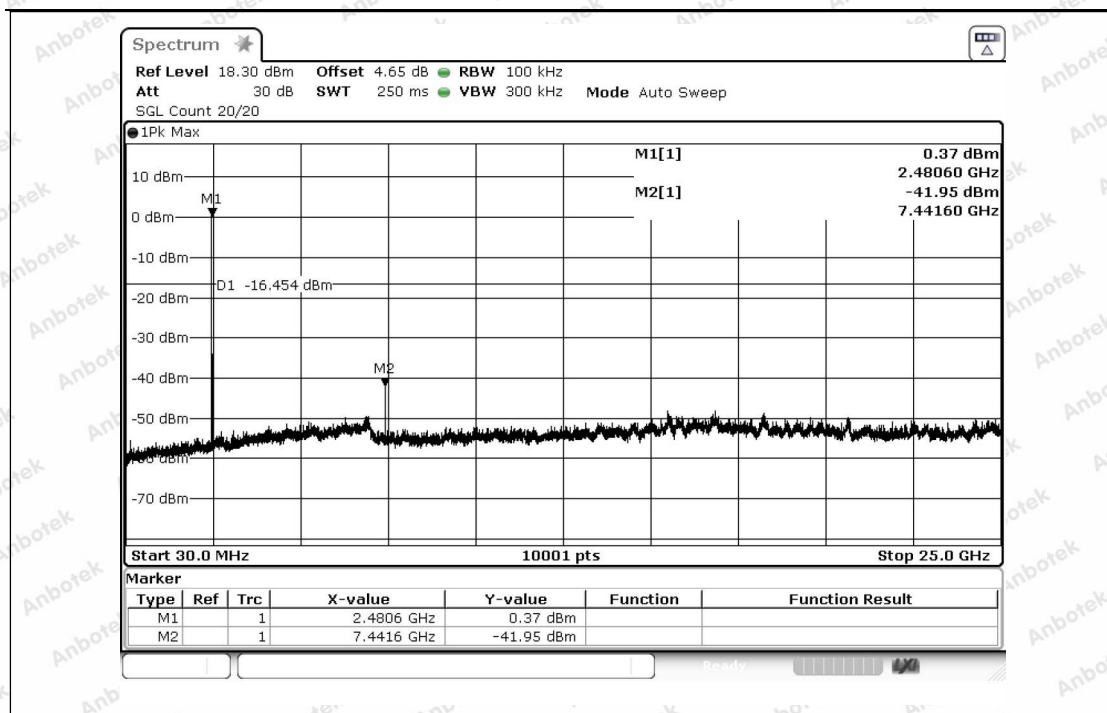
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