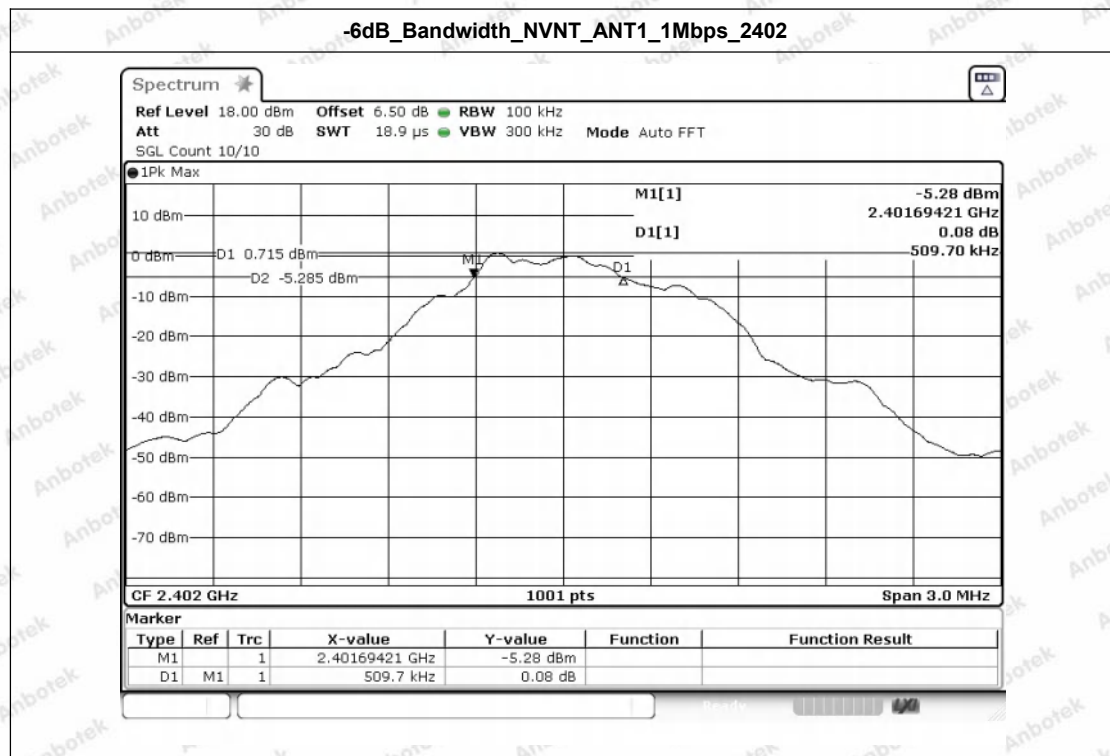


Appendix Test Data

Report No.:	18220WC40053801	Test Sample No.:	1-2-2
Start Test Date:	2024.4.02	Finish Test Date:	2024.4.02
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	509.70	500	Pass
NVNT	ANT1	1Mbps	2440.00	521.47	500	Pass
NVNT	ANT1	1Mbps	2480	530.69	500	Pass
NVNT	ANT1	2Mbps	2402	860.16	500	Pass
NVNT	ANT1	2Mbps	2440.00	851.20	500	Pass
NVNT	ANT1	2Mbps	2480	845.31	500	Pass

**-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440****Shenzhen Anbotek Compliance Laboratory Limited**

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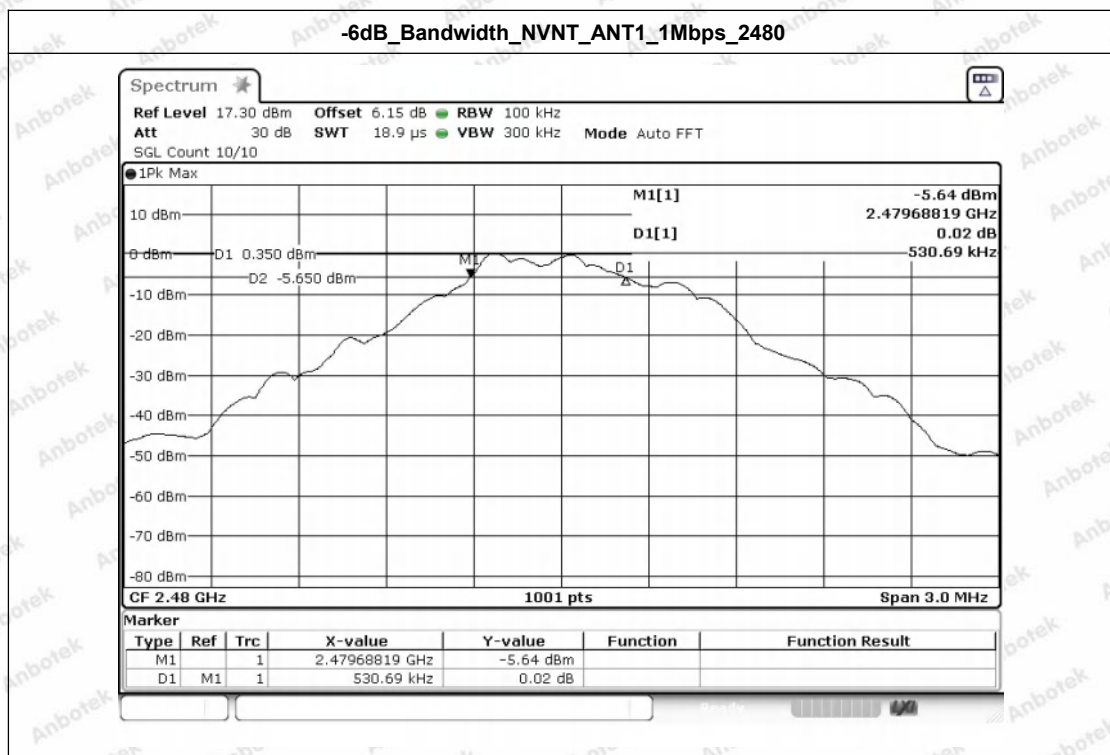
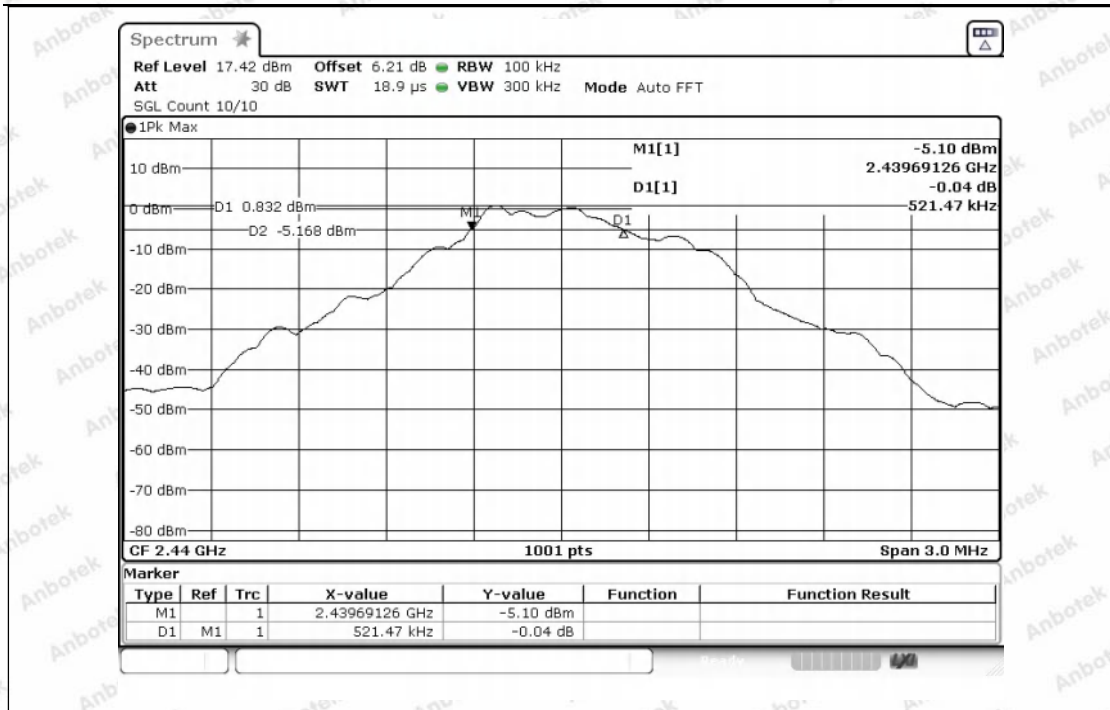


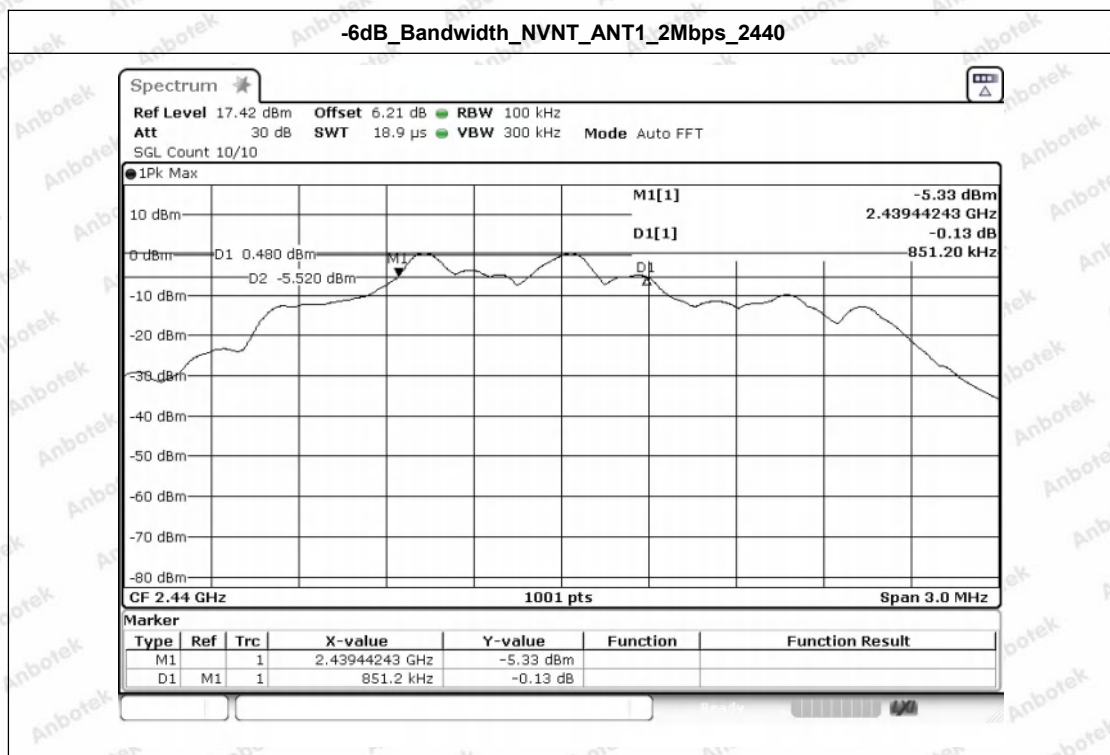
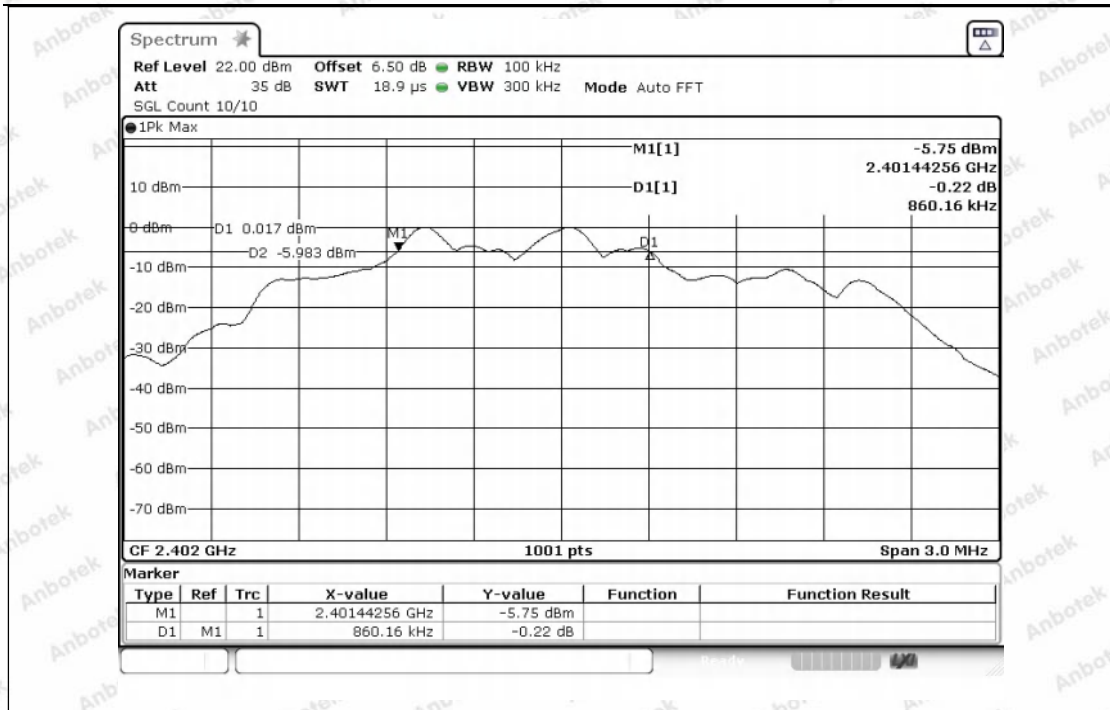
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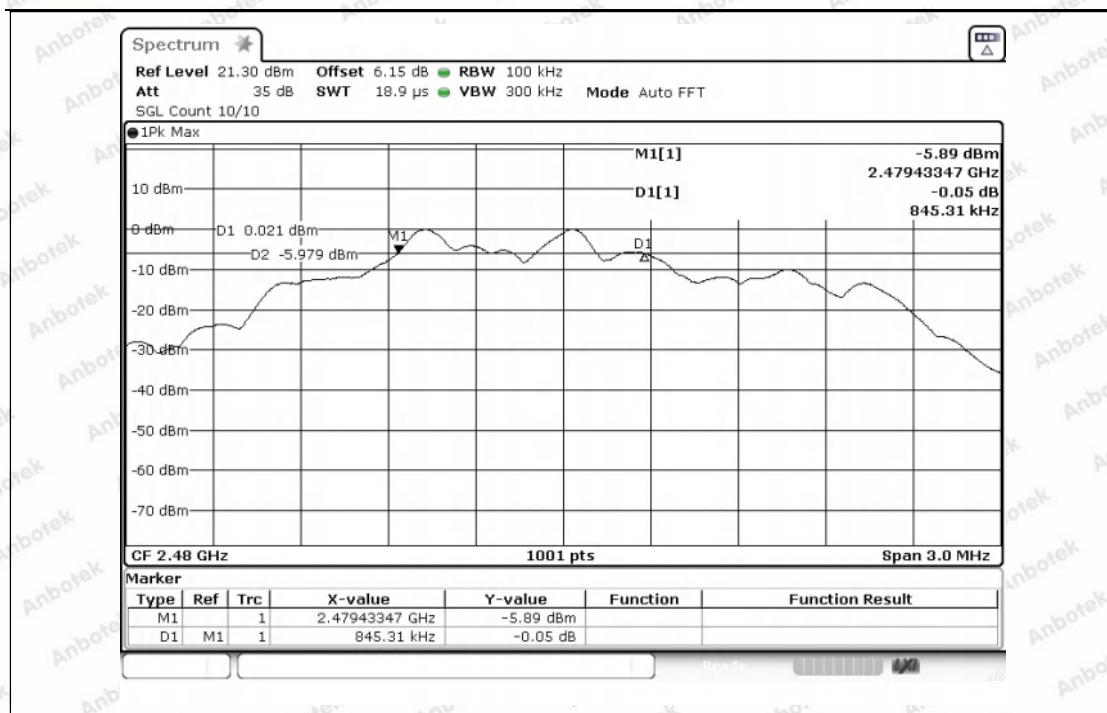






-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480





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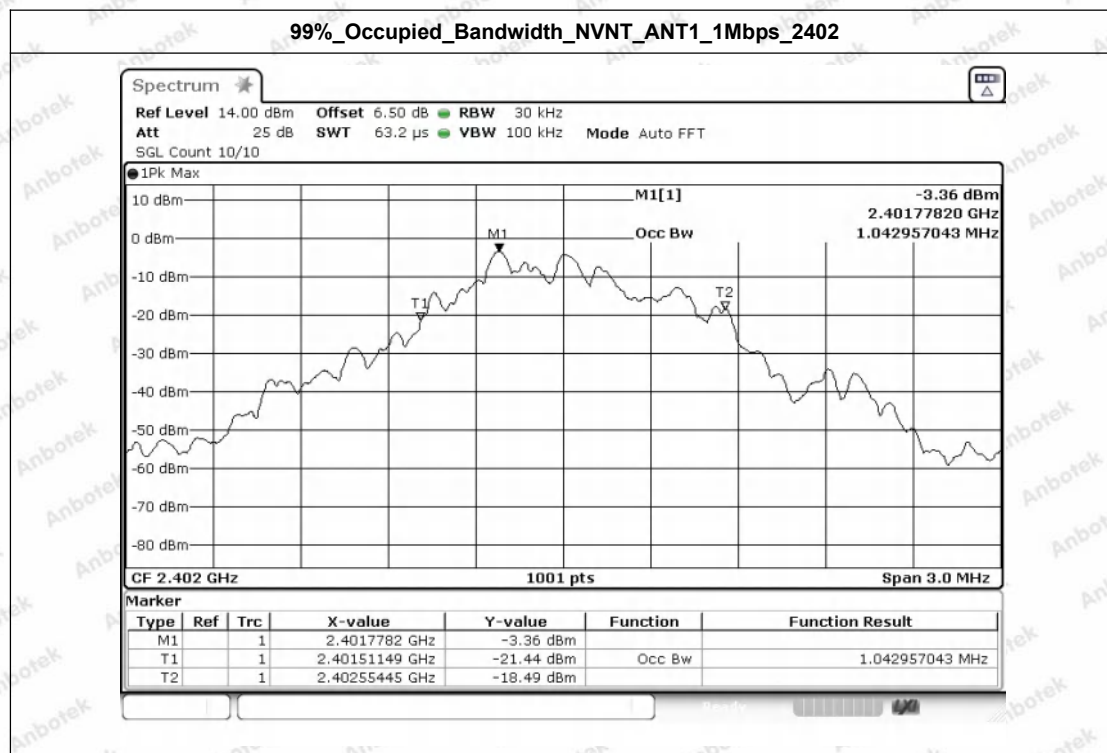


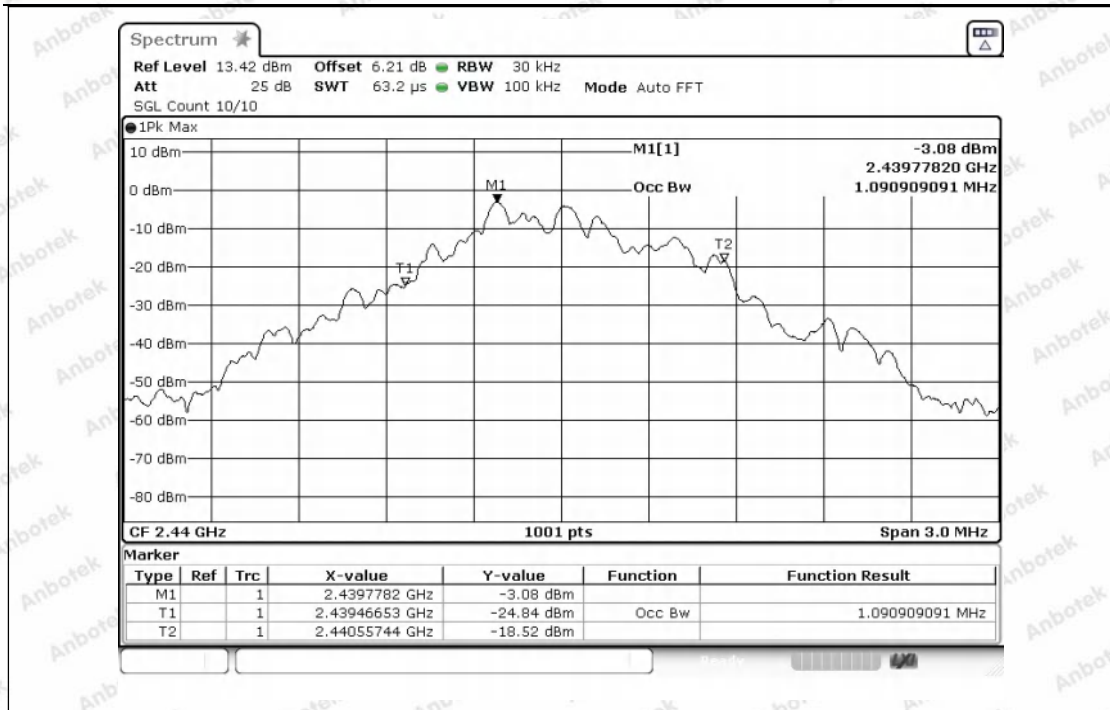
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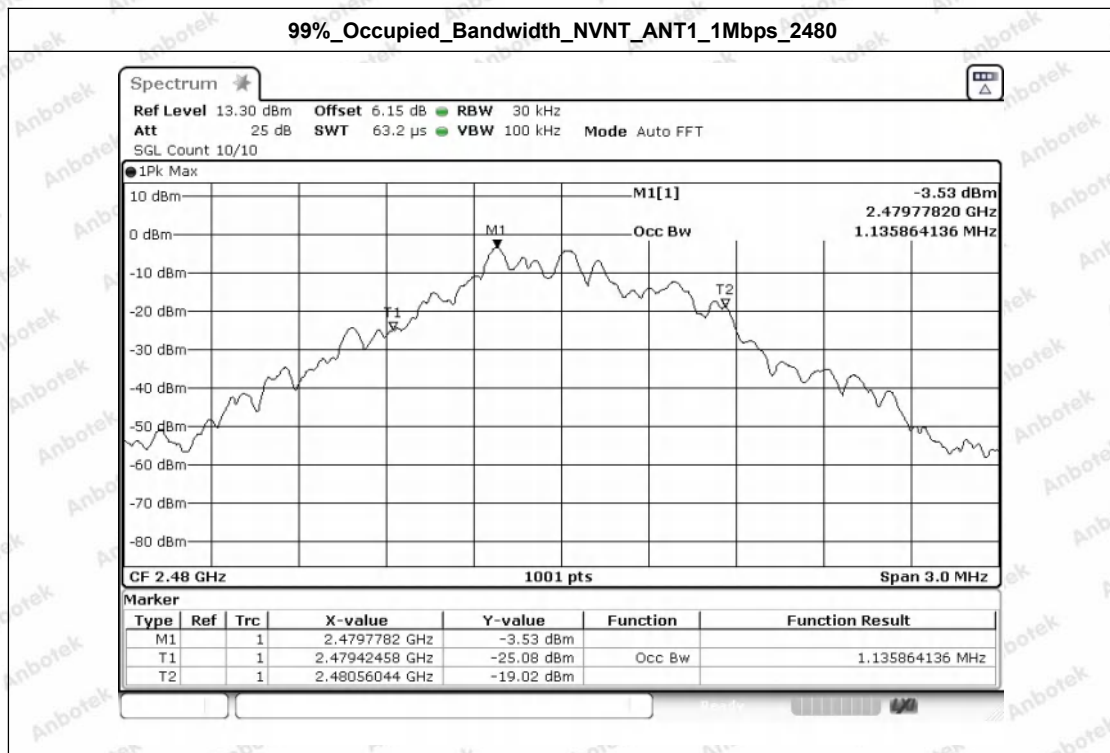
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.043
NVNT	ANT1	1Mbps	2440.00	1.091
NVNT	ANT1	1Mbps	2480	1.136
NVNT	ANT1	2Mbps	2402	2.044
NVNT	ANT1	2Mbps	2440.00	2.053
NVNT	ANT1	2Mbps	2480	2.074

99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402**99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440**

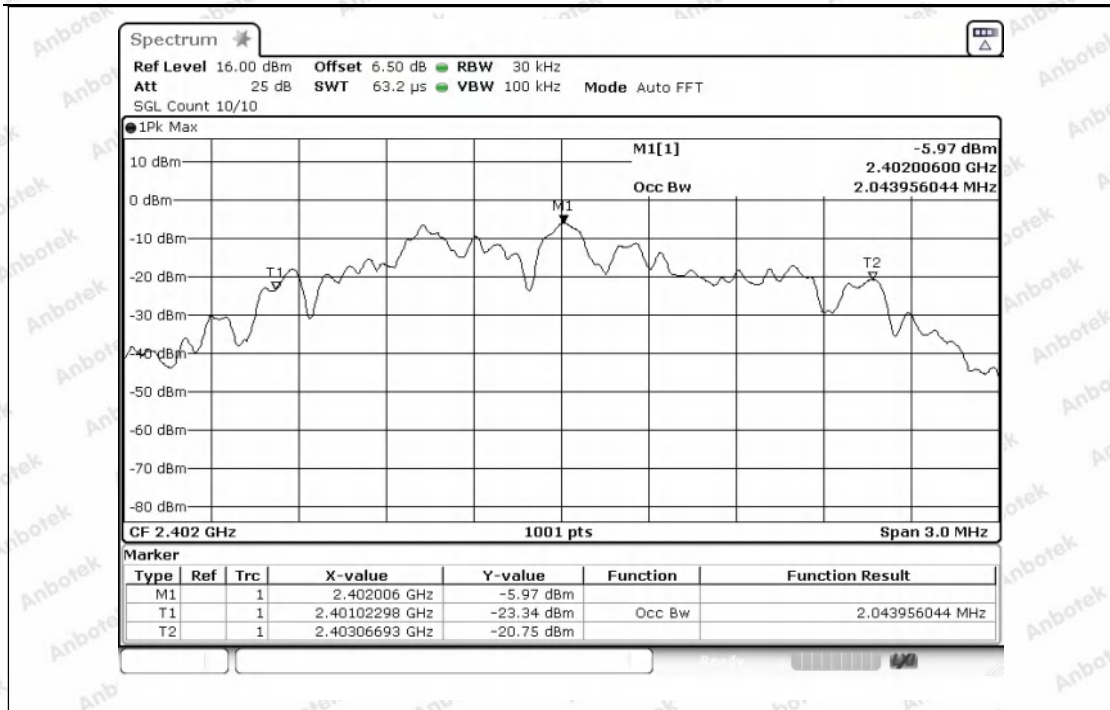


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480

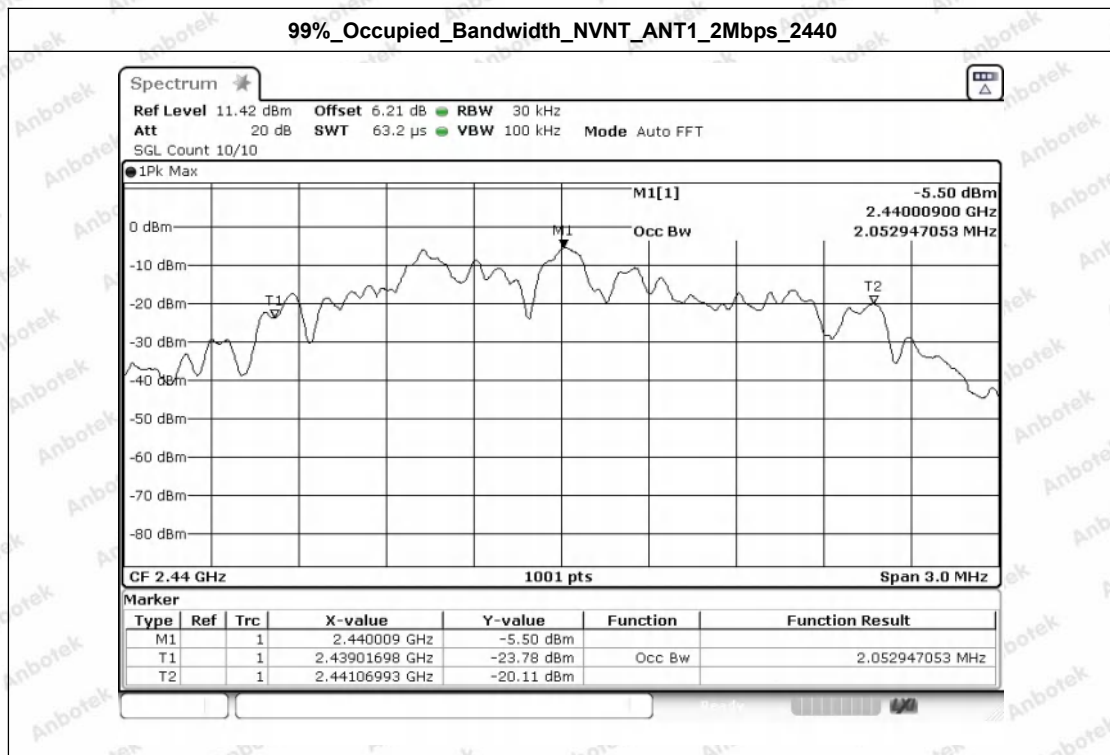


99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402





99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480

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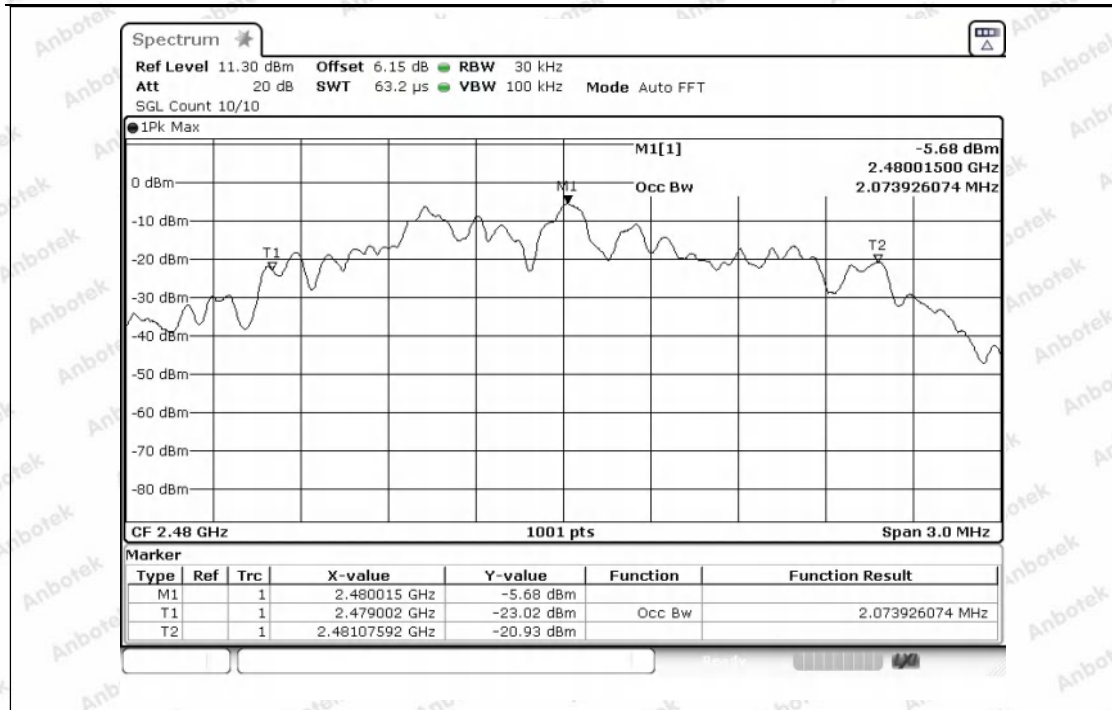
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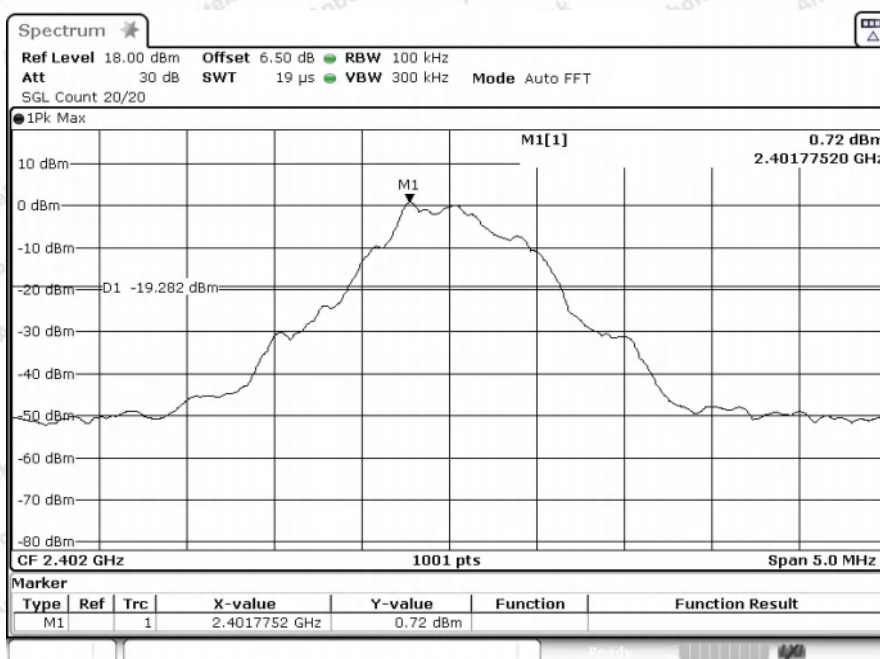
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Appendix C: Bandedge

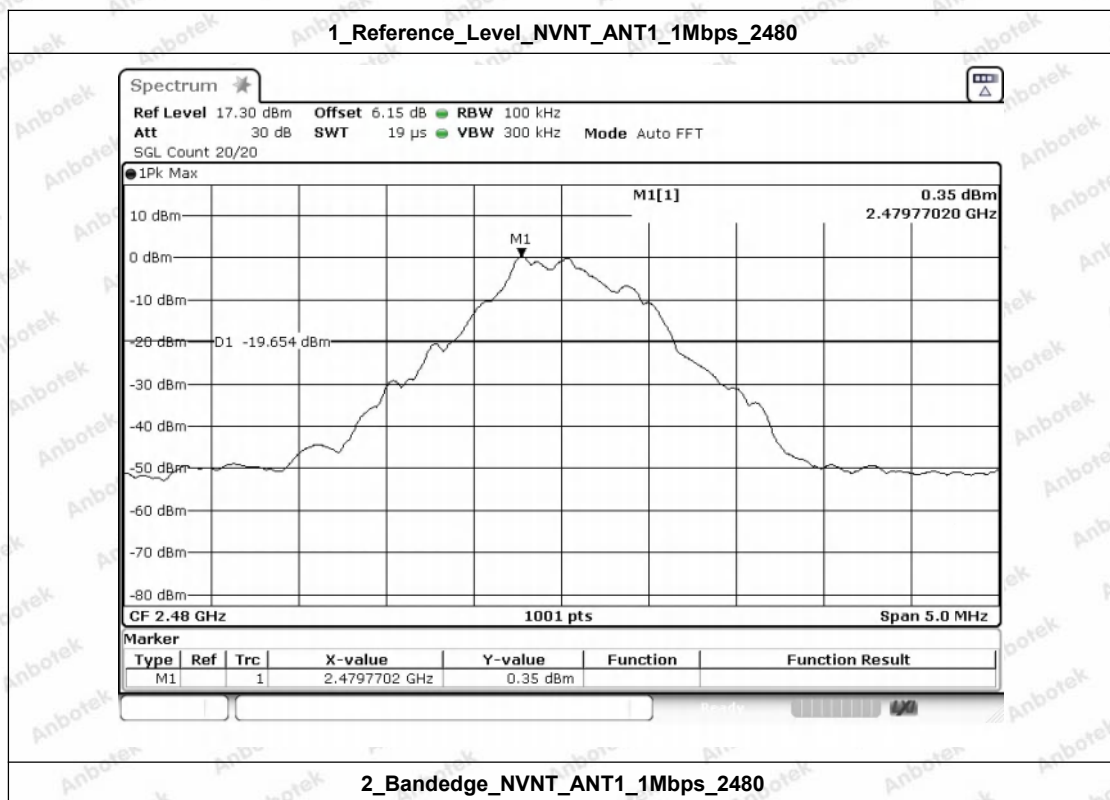
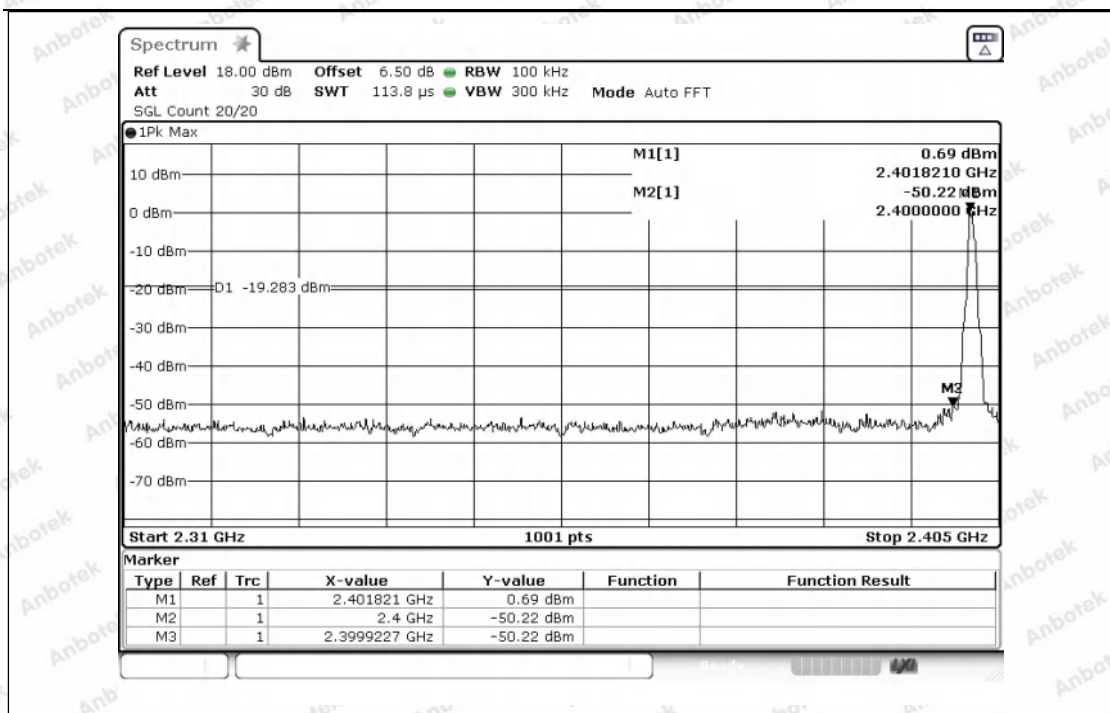
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-50.216	-19.283	Pass
NVNT	ANT1	1Mbps	2480	2497.890	-51.607	-19.654	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-33.853	-19.965	Pass
NVNT	ANT1	2Mbps	2480	2485.302	-46.065	-19.986	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



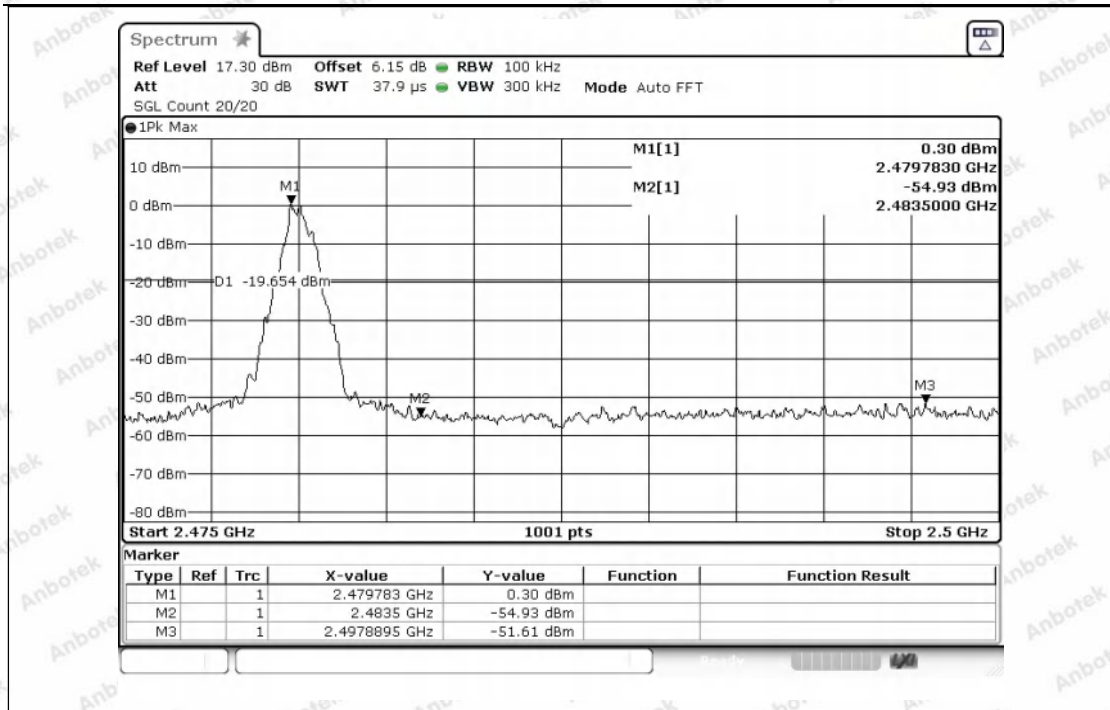
2_Bandedge_NVNT_ANT1_1Mbps_2402



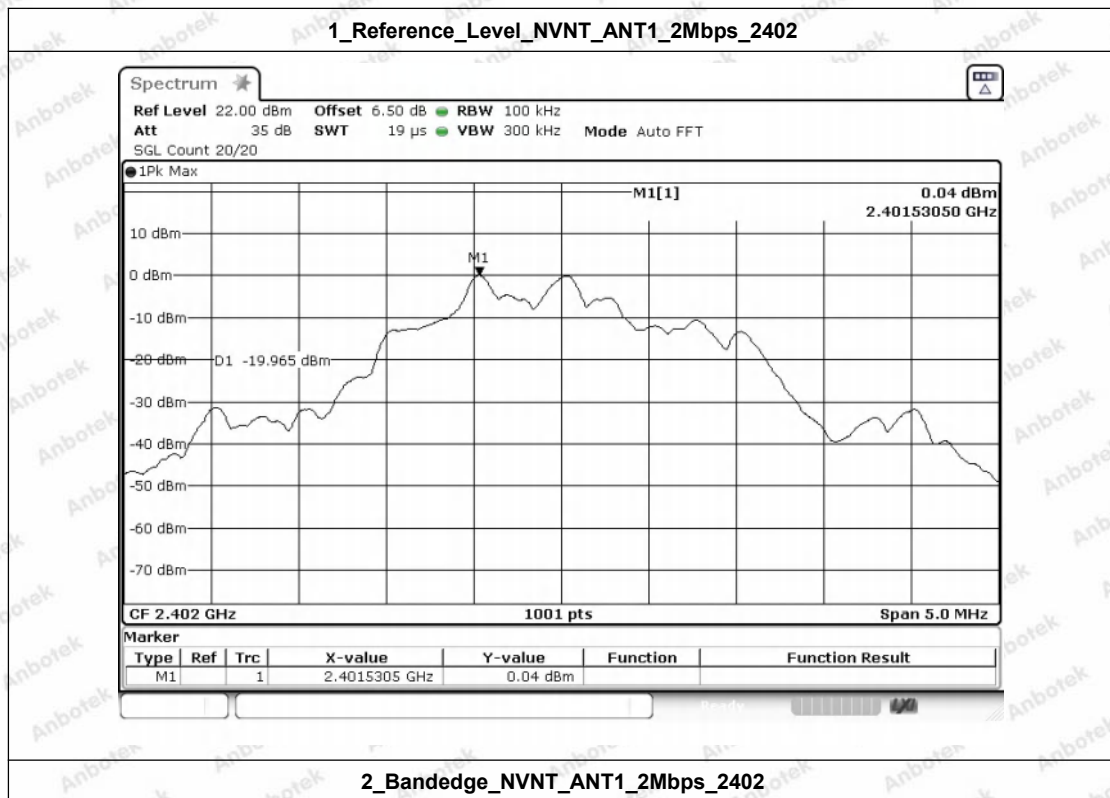


2_Bandedge_NVNT_ANT1_1Mbps_2480



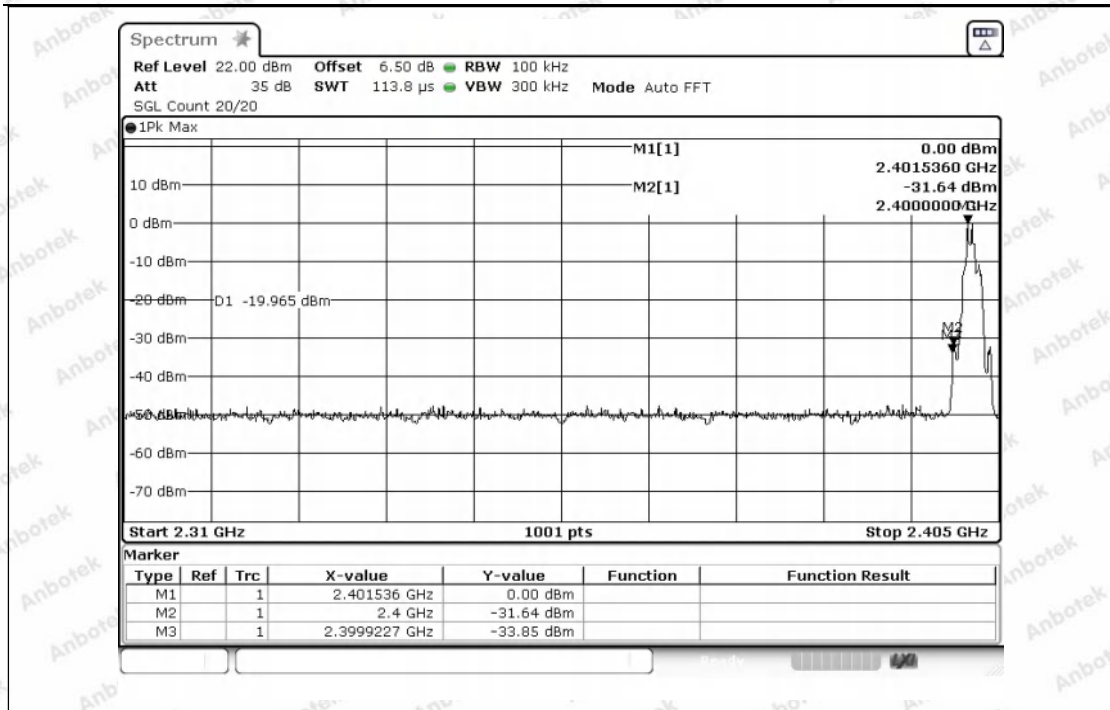


1_Reference_Level_NVNT_ANT1_2Mbps_2402

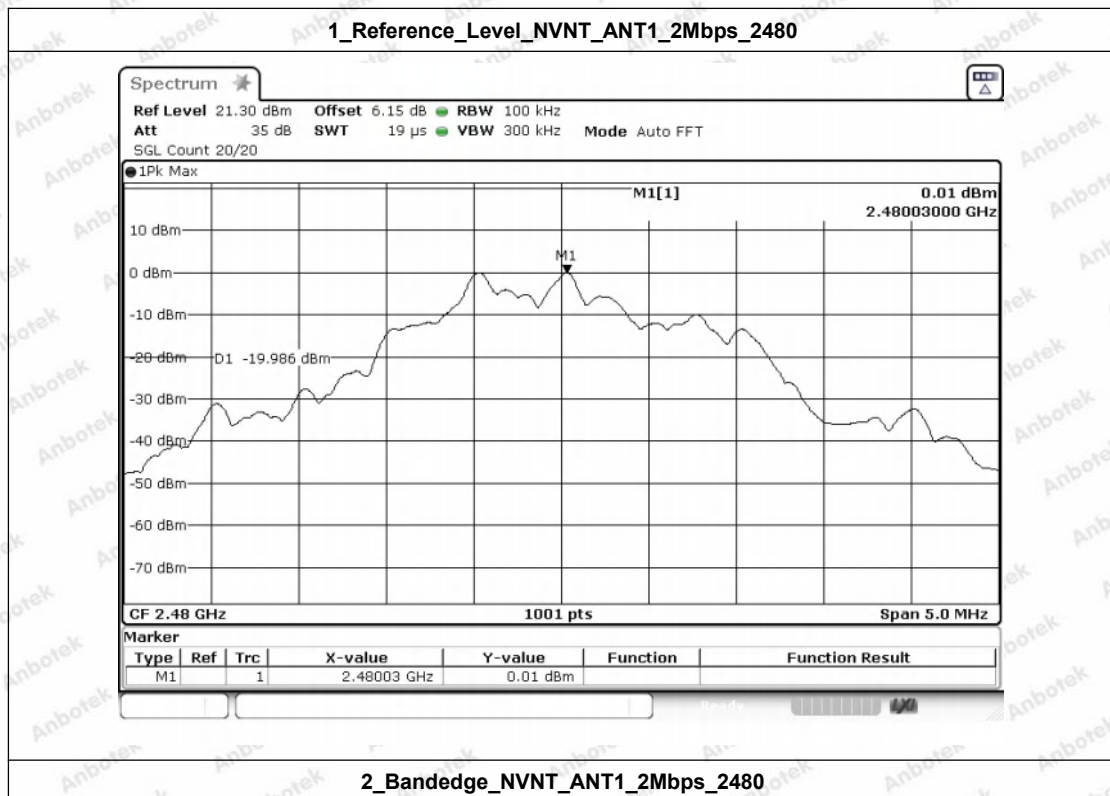


2_Bandedge_NVNT_ANT1_2Mbps_2402



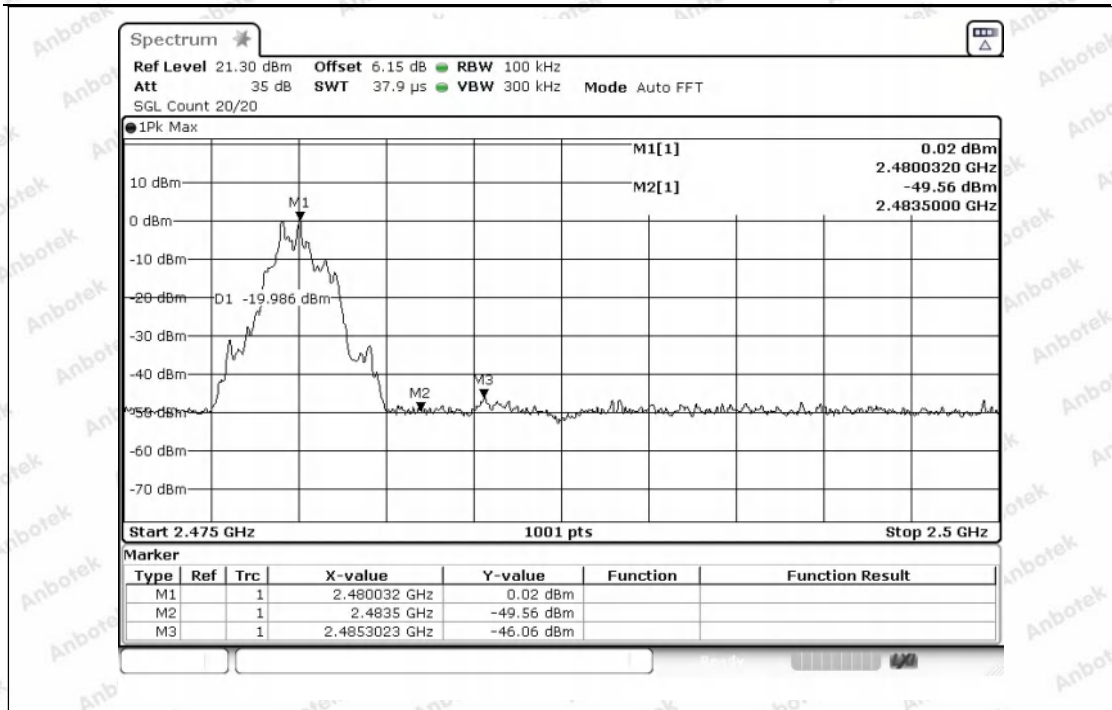


1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480





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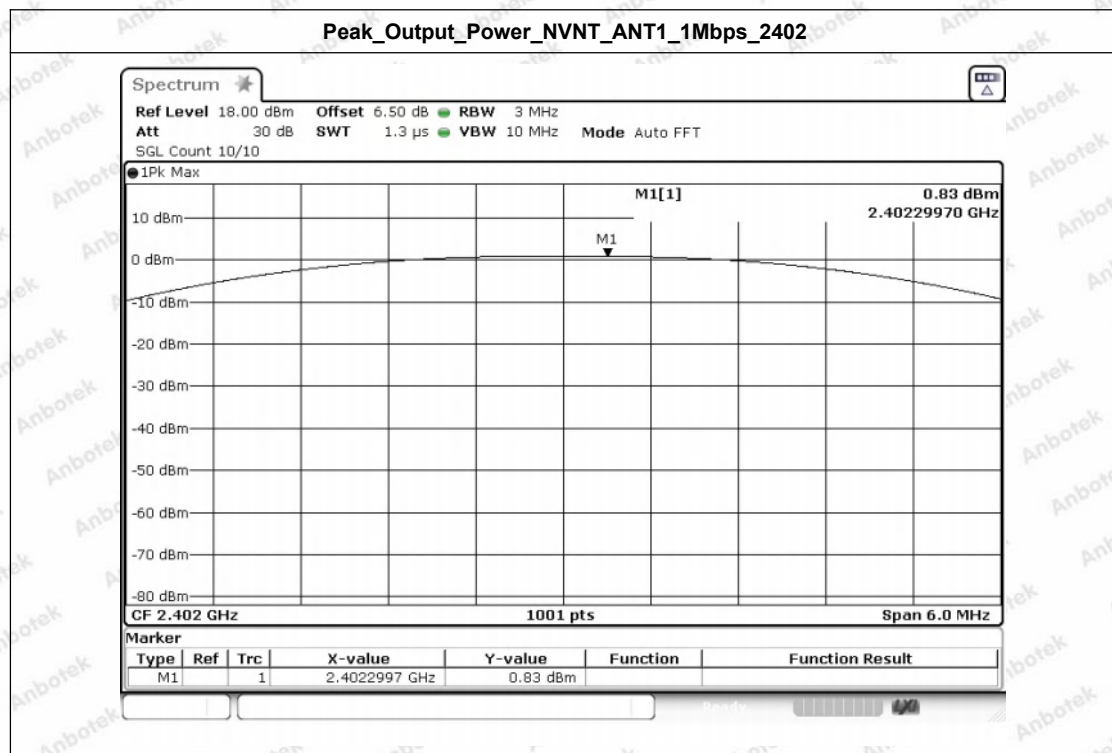


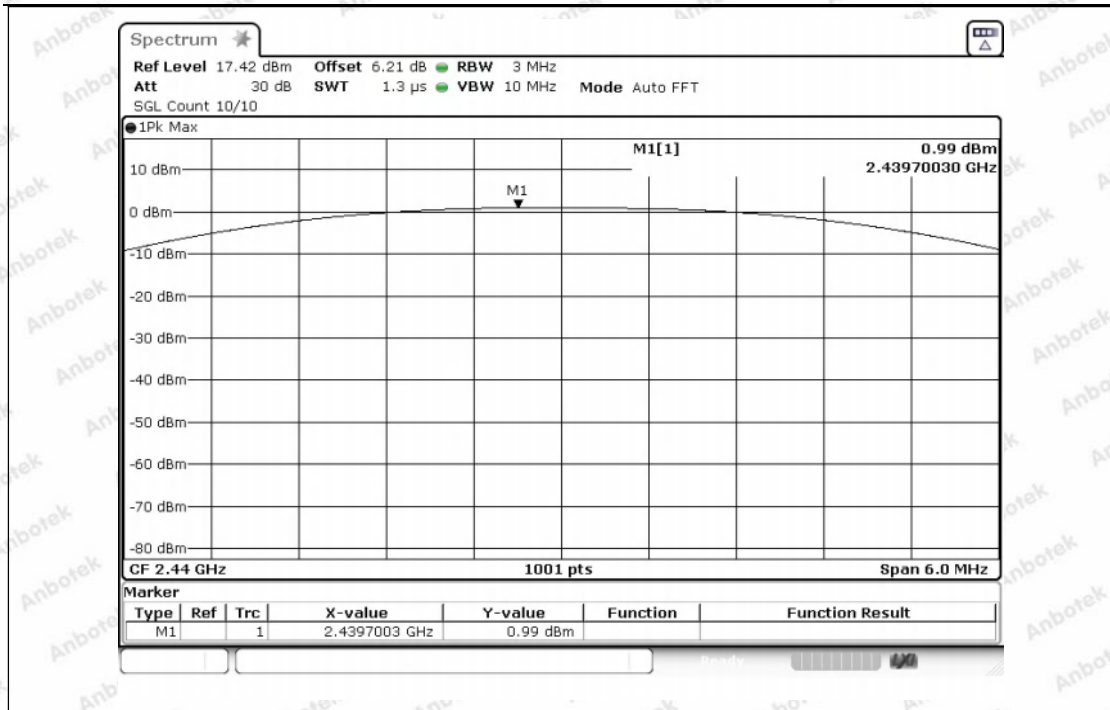
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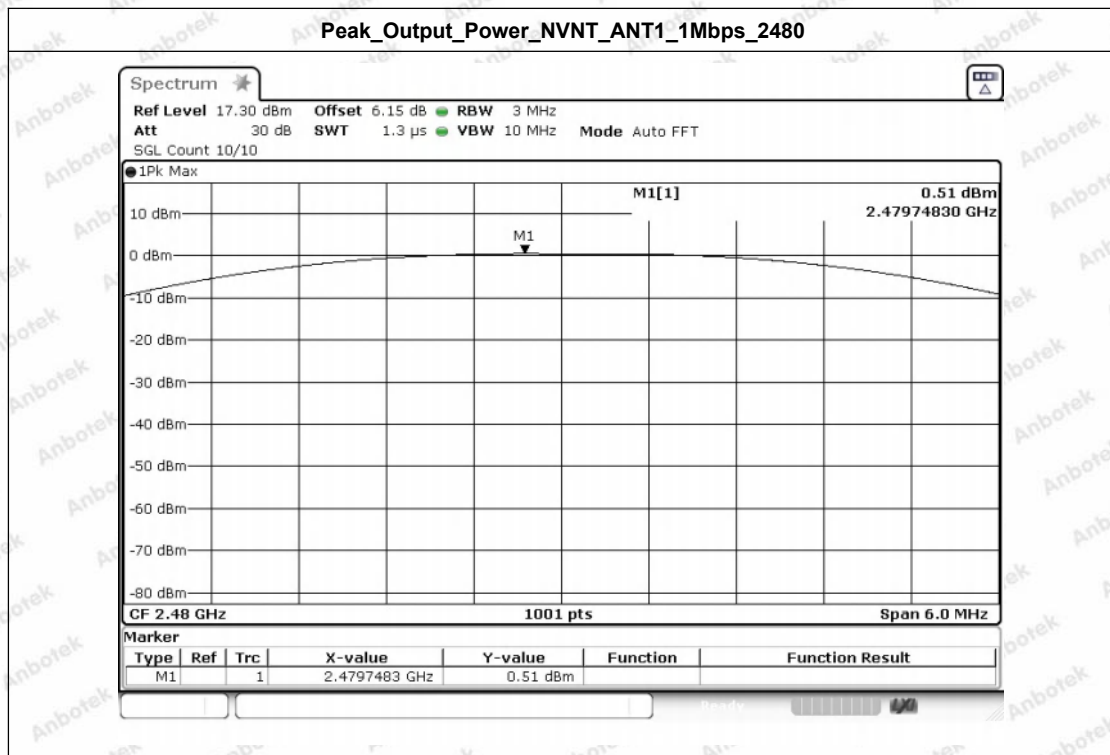
Appendix D: Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	0.83	1.21	1000	Pass
NVNT	ANT1	1Mbps	2440.00	0.99	1.26	1000	Pass
NVNT	ANT1	1Mbps	2480	0.51	1.13	1000	Pass
NVNT	ANT1	2Mbps	2402	0.85	1.22	1000	Pass
NVNT	ANT1	2Mbps	2440.00	1.27	1.34	1000	Pass
NVNT	ANT1	2Mbps	2480	0.77	1.19	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

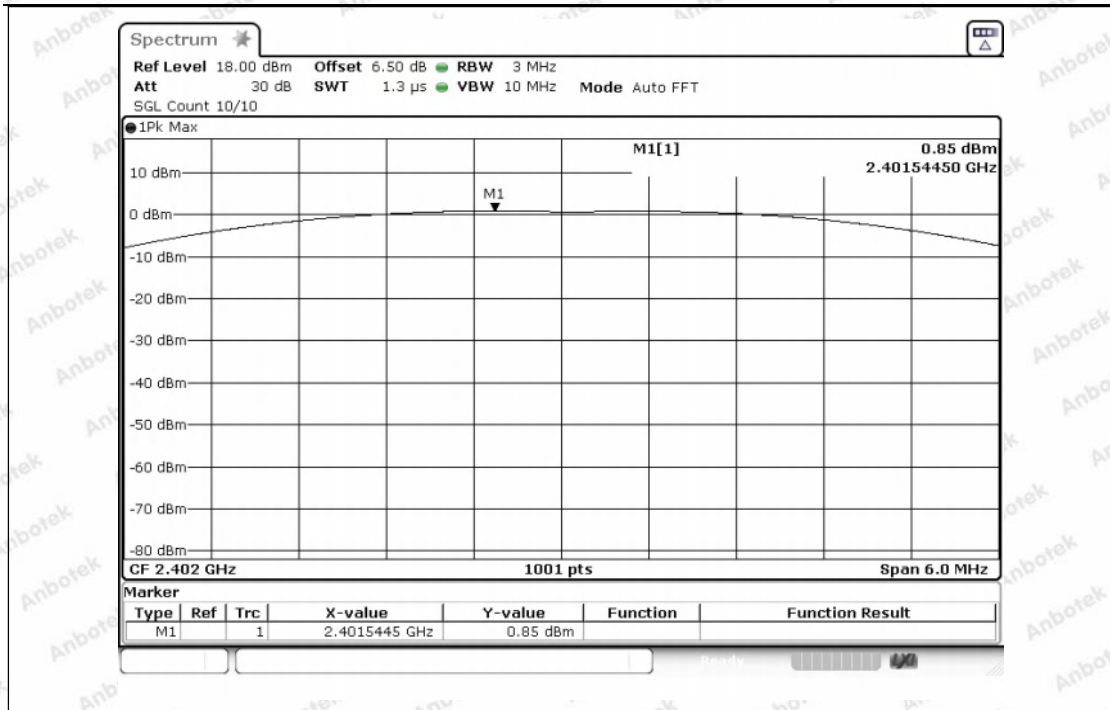
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

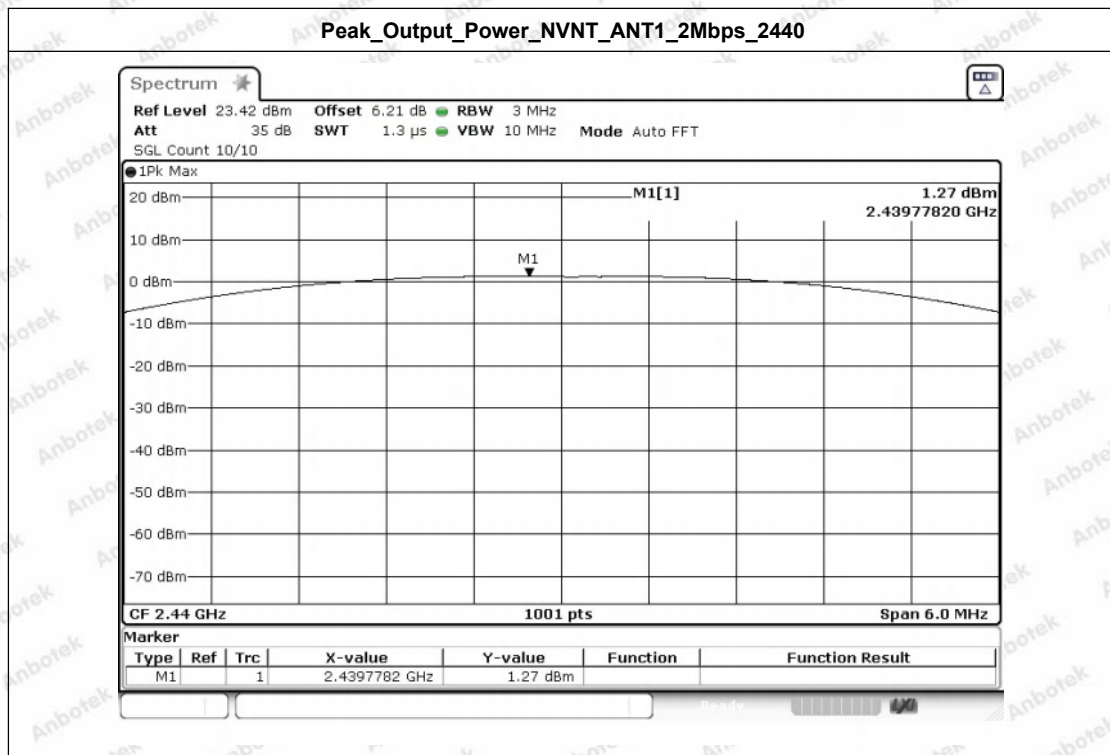


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Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480

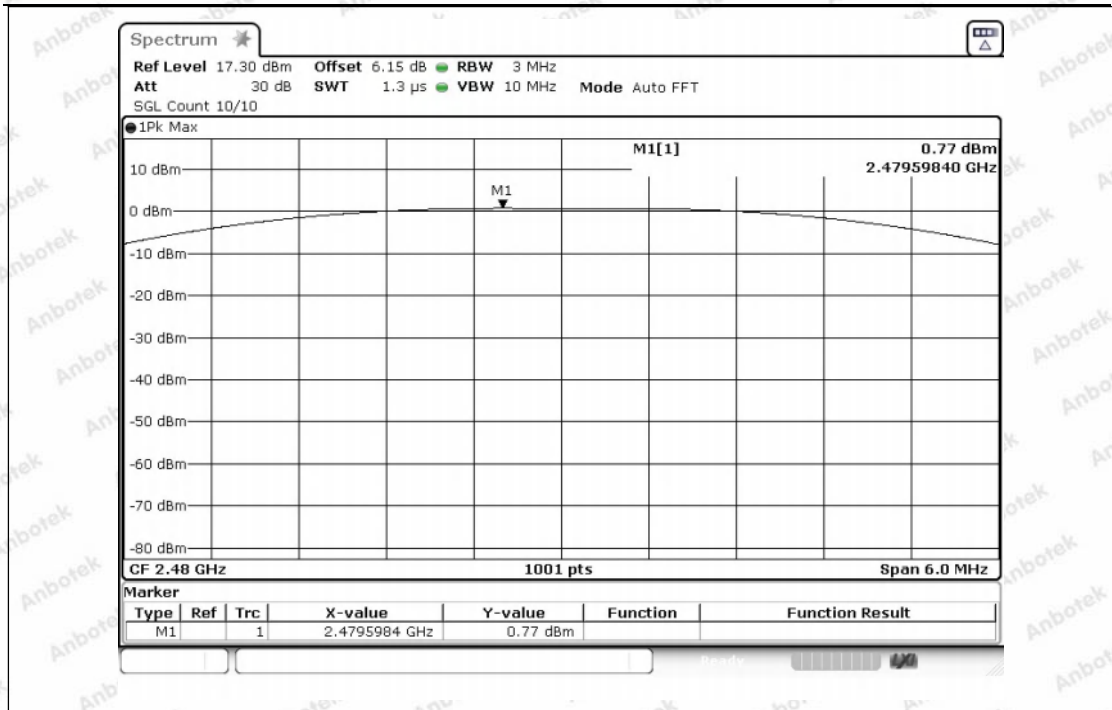
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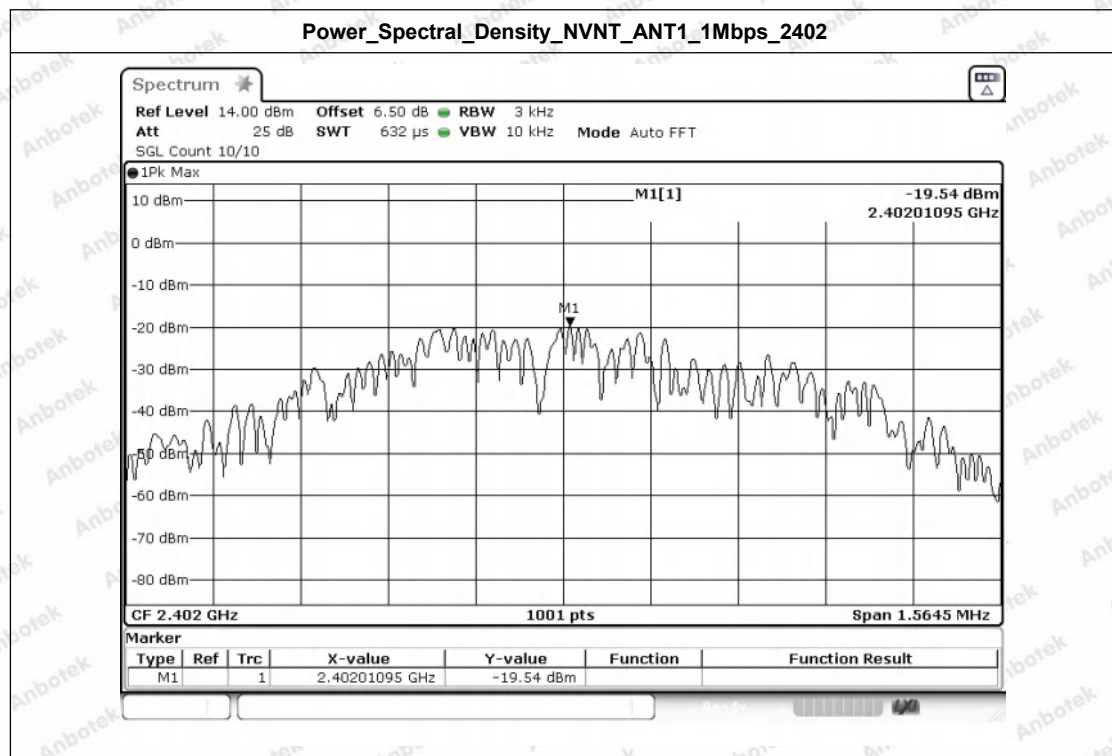
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Appendix E: Power Spectral Density

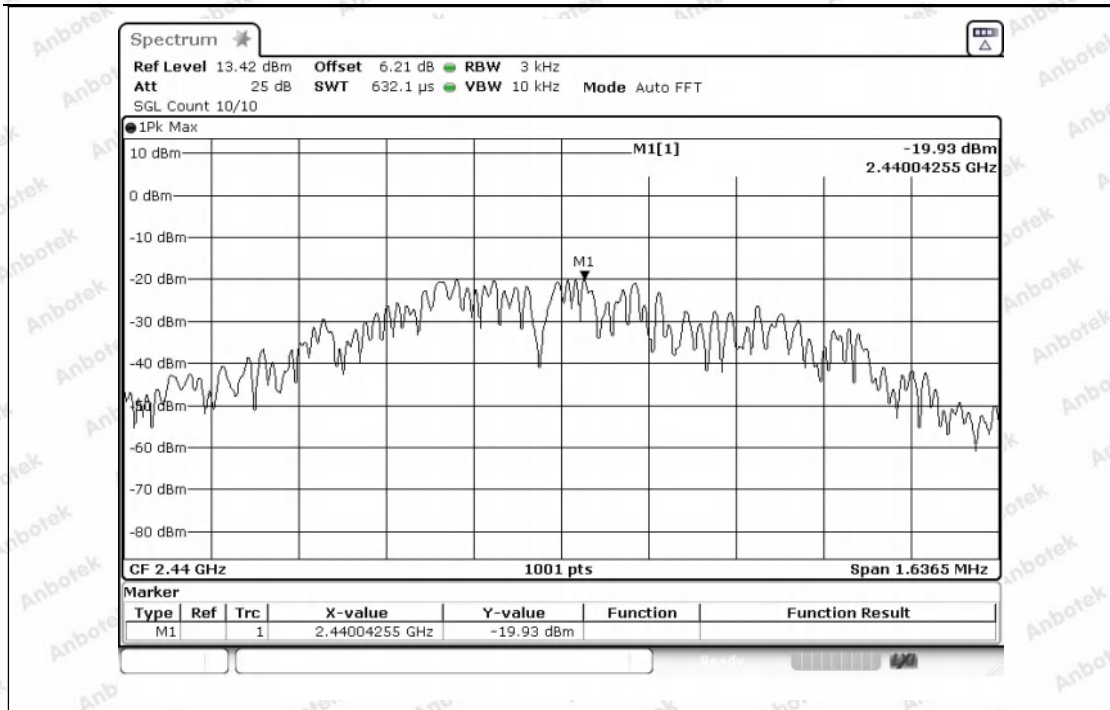
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-19.54	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.93	8	Pass
NVNT	ANT1	1Mbps	2480	-20.25	8	Pass
NVNT	ANT1	2Mbps	2402	-22.10	8	Pass
NVNT	ANT1	2Mbps	2440.00	-21.53	8	Pass
NVNT	ANT1	2Mbps	2480	-21.92	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402

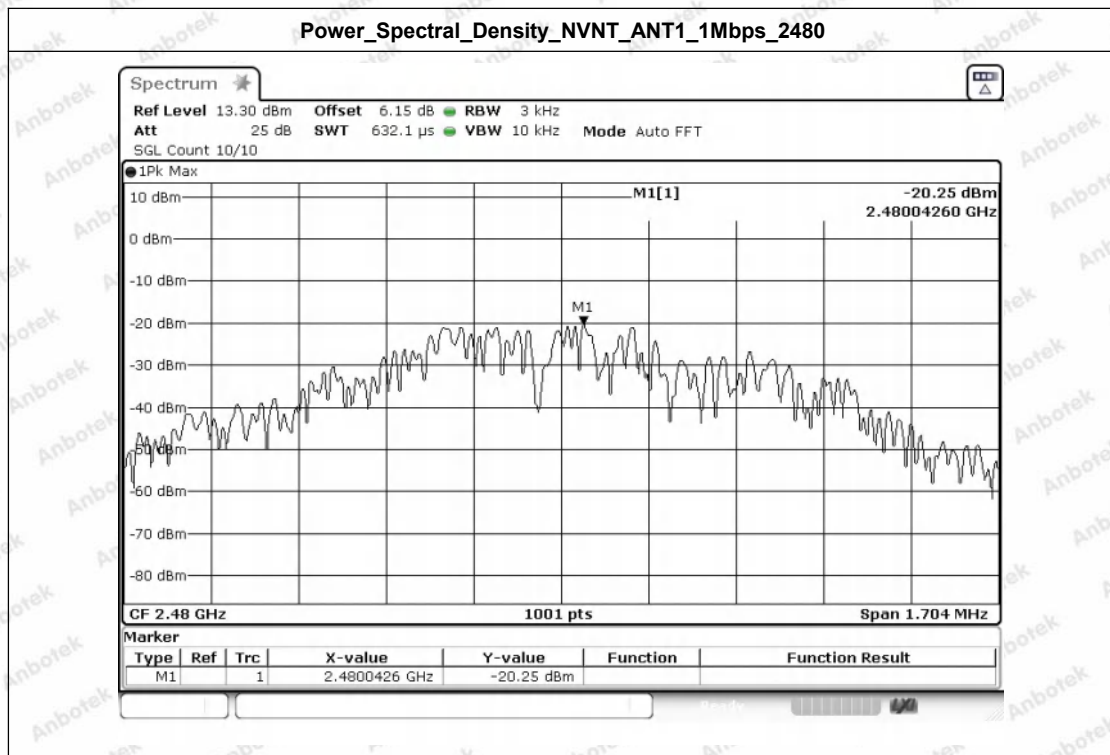


Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



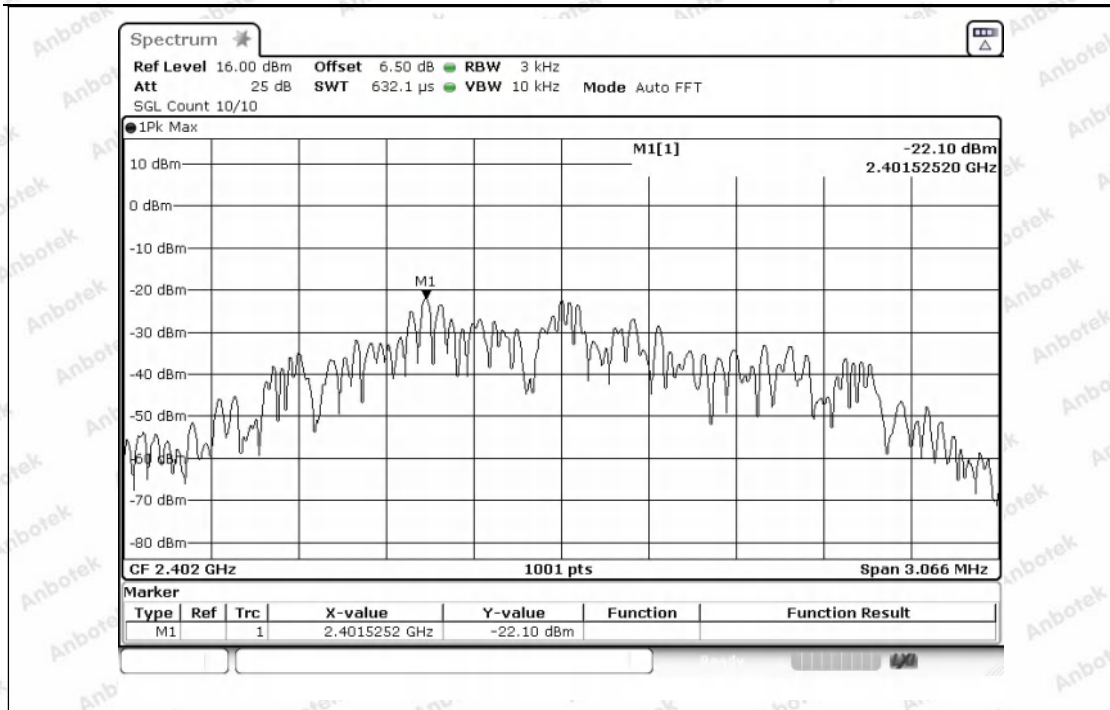


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

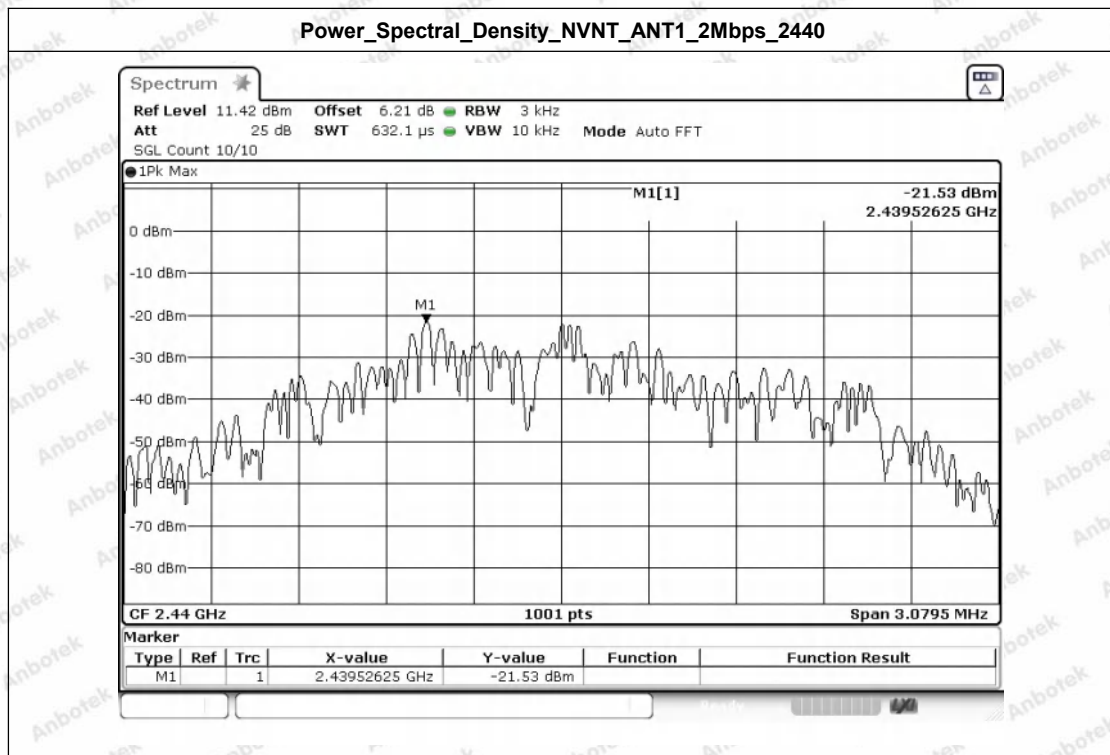


Power_Spectral_Density_NVNT_ANT1_2Mbps_2402



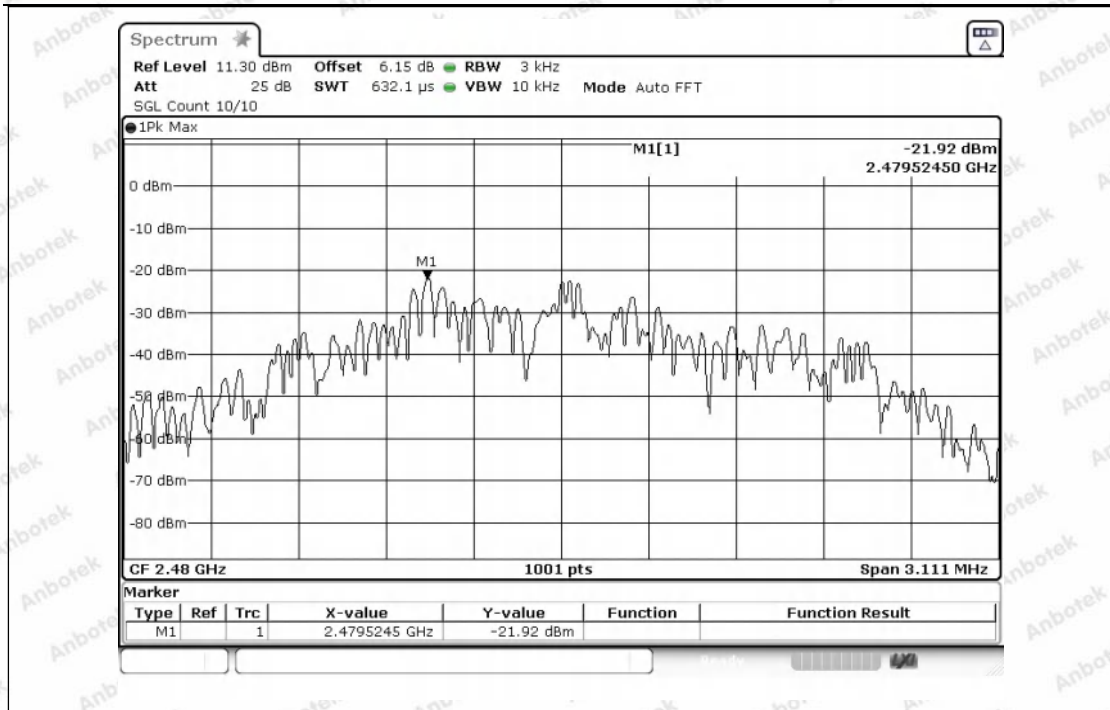


Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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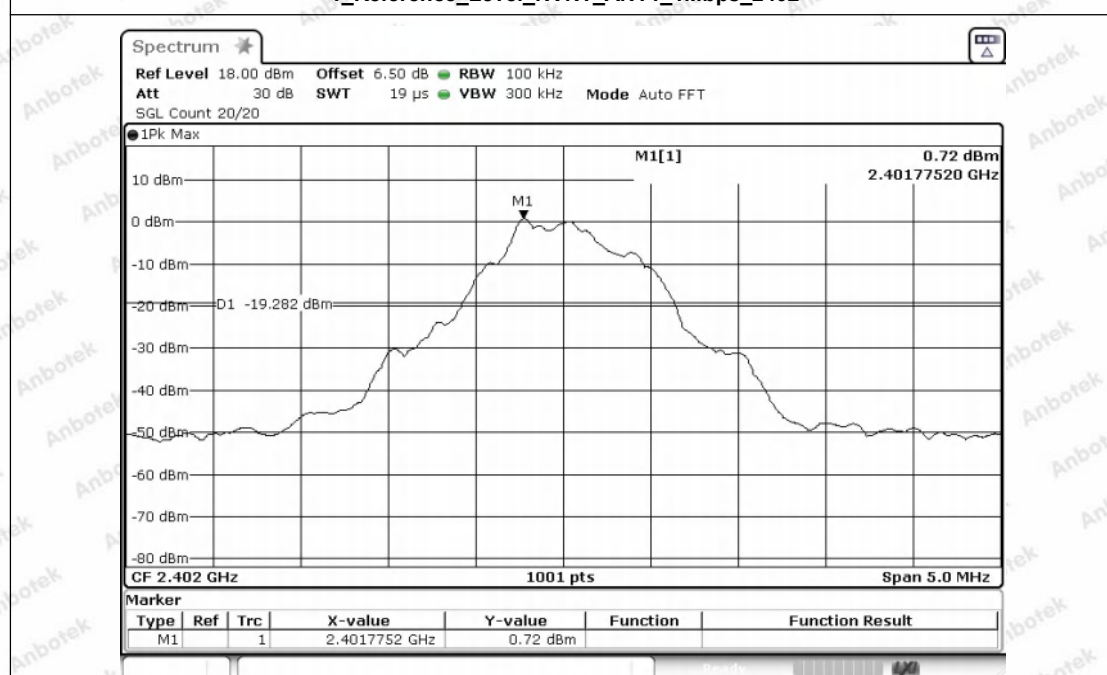
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Appendix F: Spurious Emission

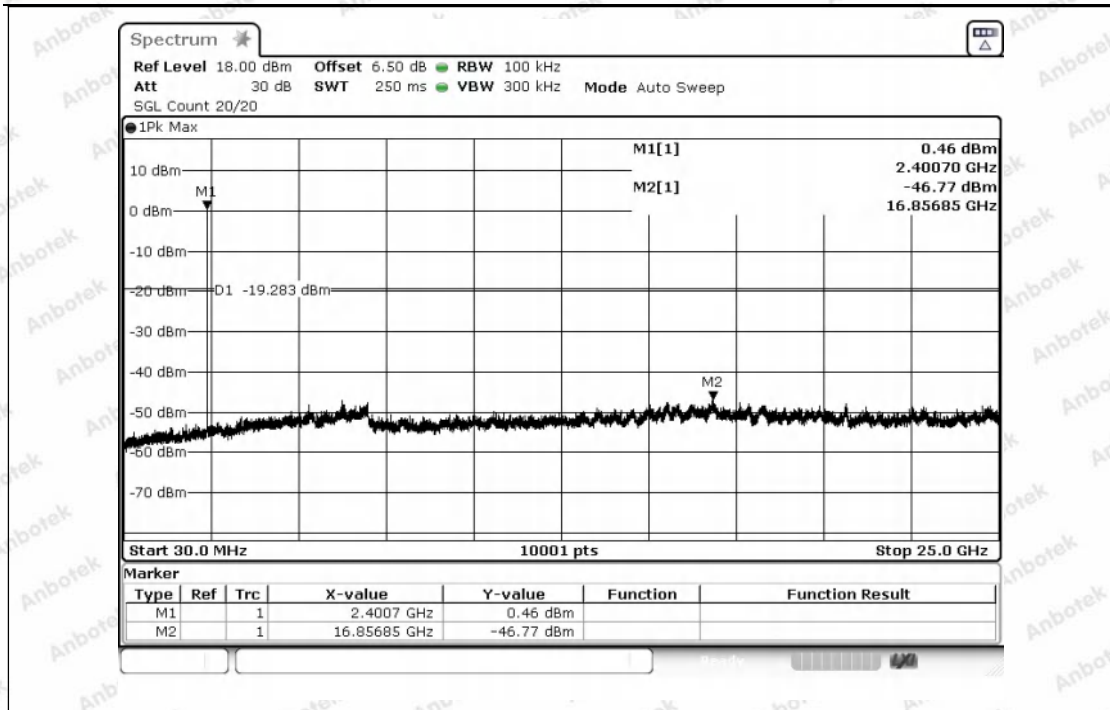
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-46.775	-19.283	Pass
NVNT	ANT1	1Mbps	2440.00	-46.657	-19.115	Pass
NVNT	ANT1	1Mbps	2480	-47.511	-19.654	Pass
NVNT	ANT1	2Mbps	2402	-41.313	-19.965	Pass
NVNT	ANT1	2Mbps	2440.00	-46.913	-19.539	Pass
NVNT	ANT1	2Mbps	2480	-41.717	-19.986	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402

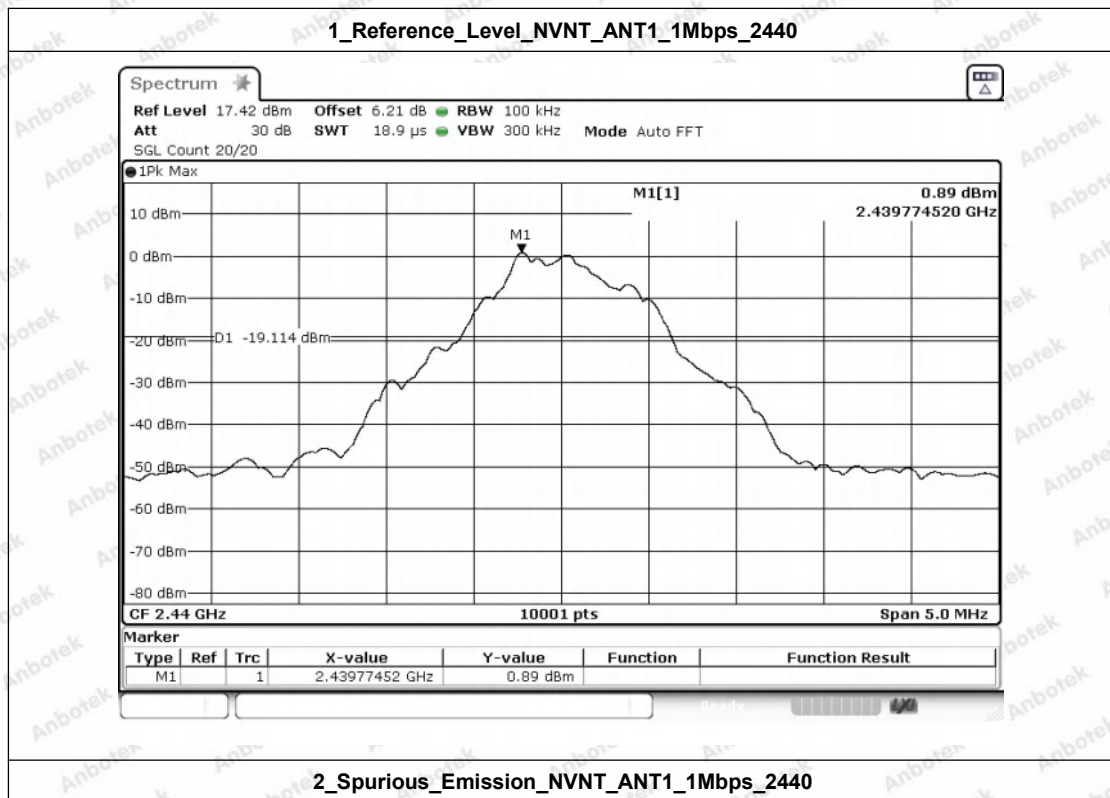


2_Spurious_Emission_NVNT_ANT1_1Mbps_2402





1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440

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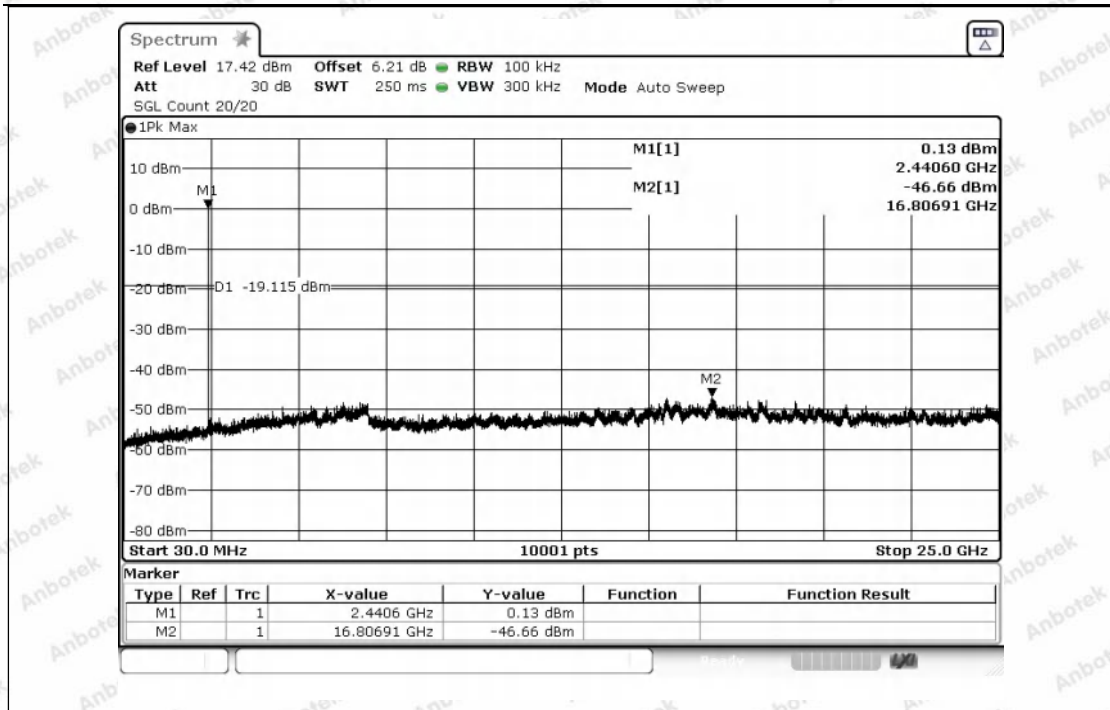
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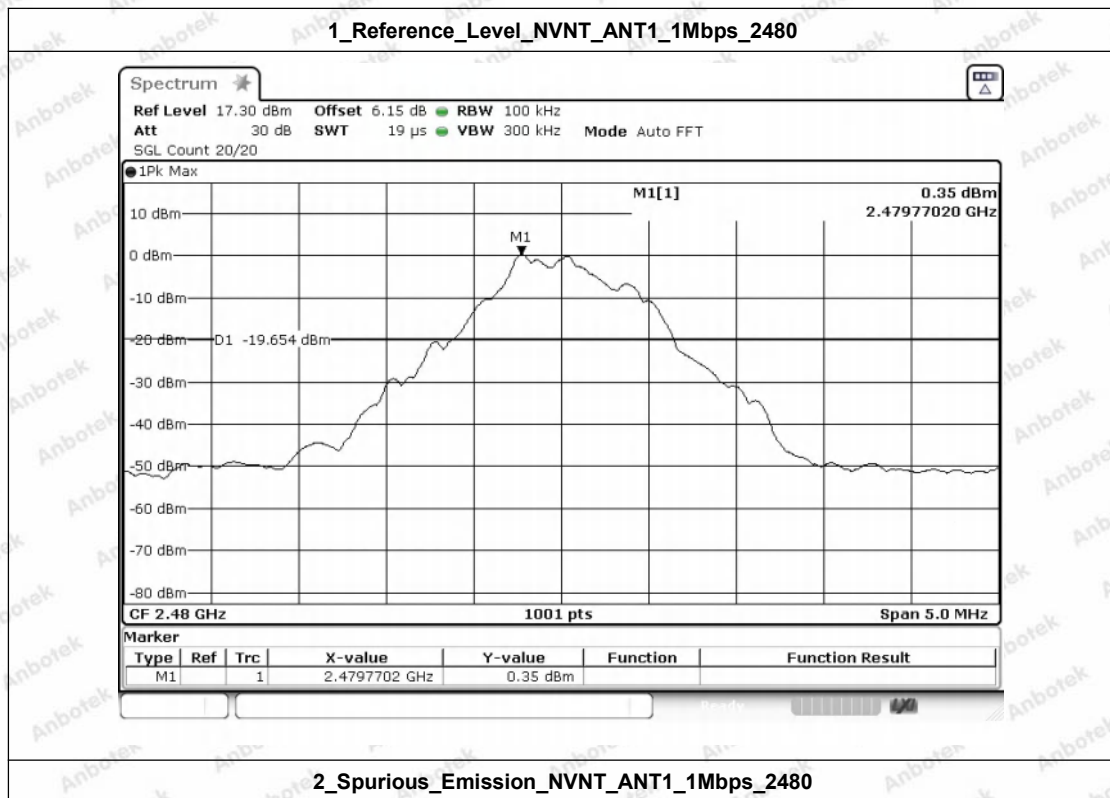
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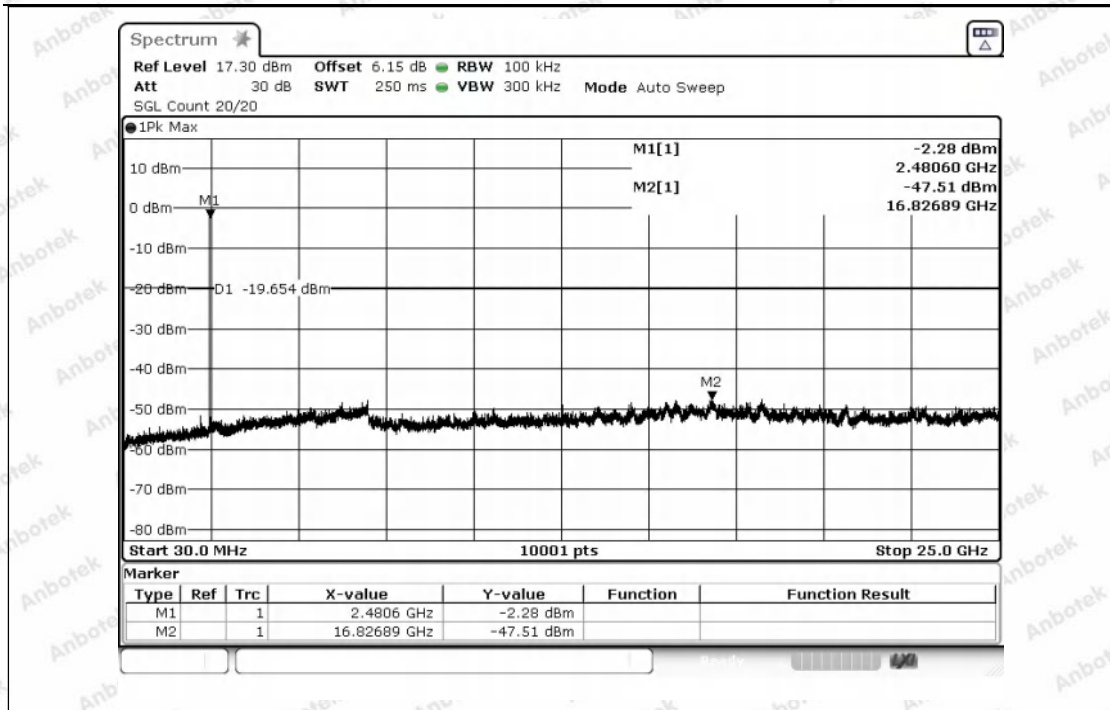


1_Reference_Level_NVNT_ANT1_1Mbps_2480

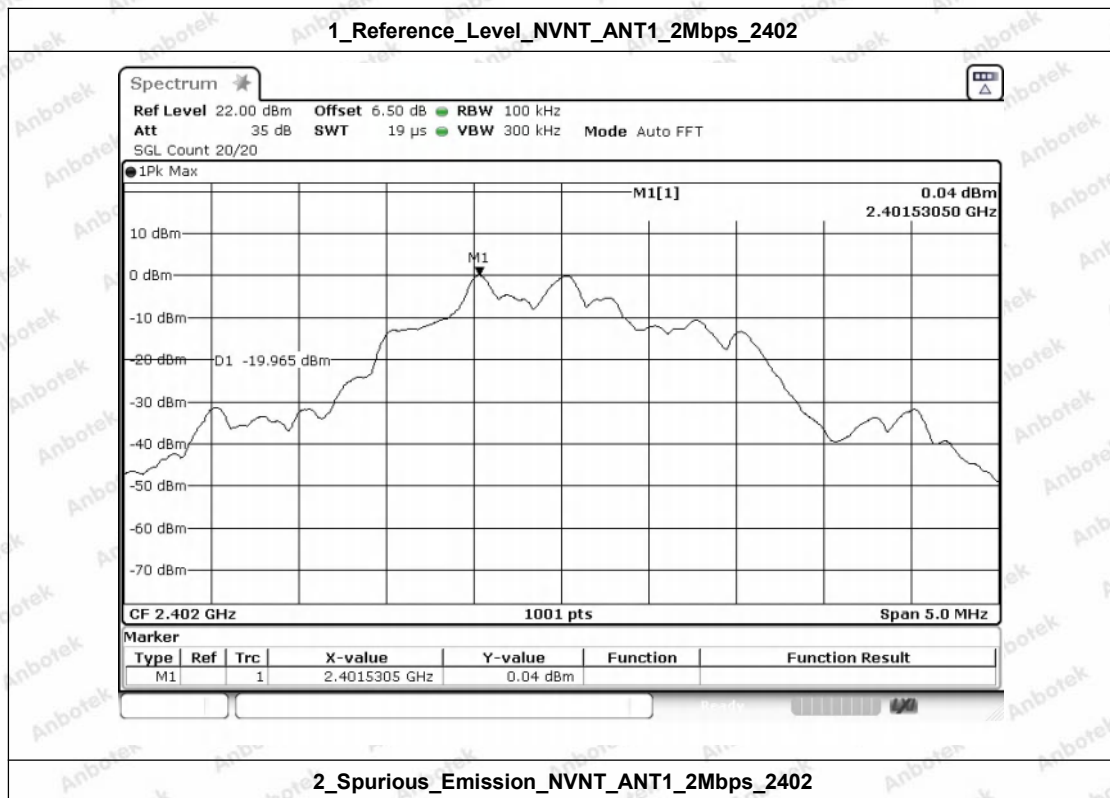


2_Spurious_Emission_NVNT_ANT1_1Mbps_2480





1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402

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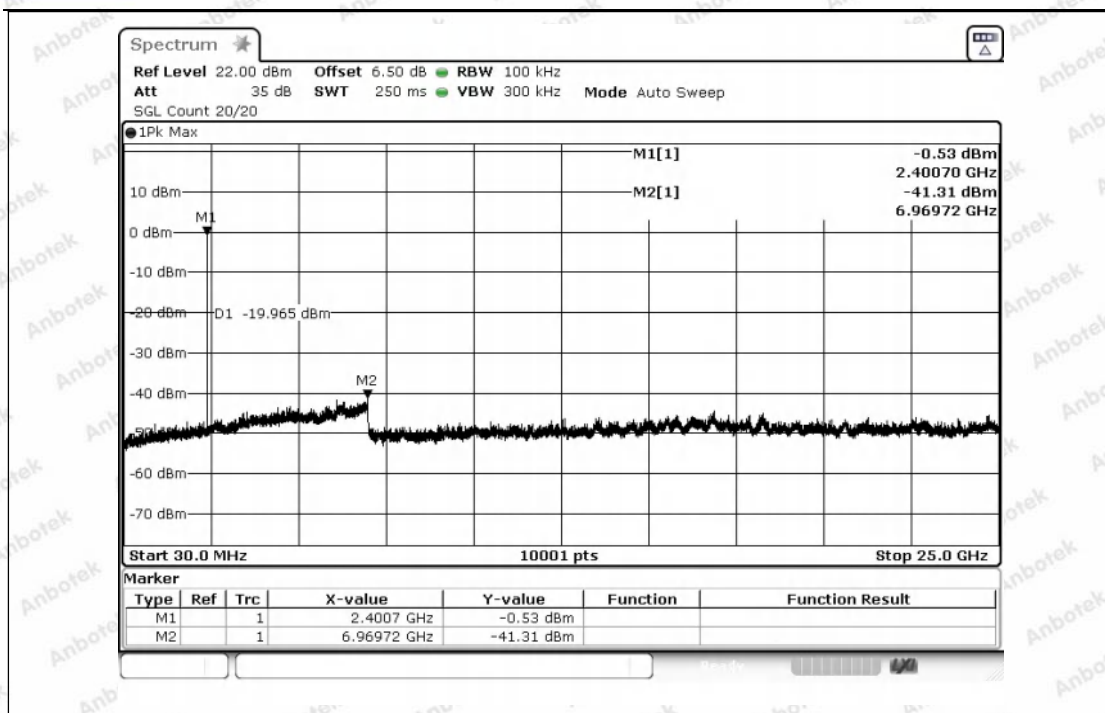
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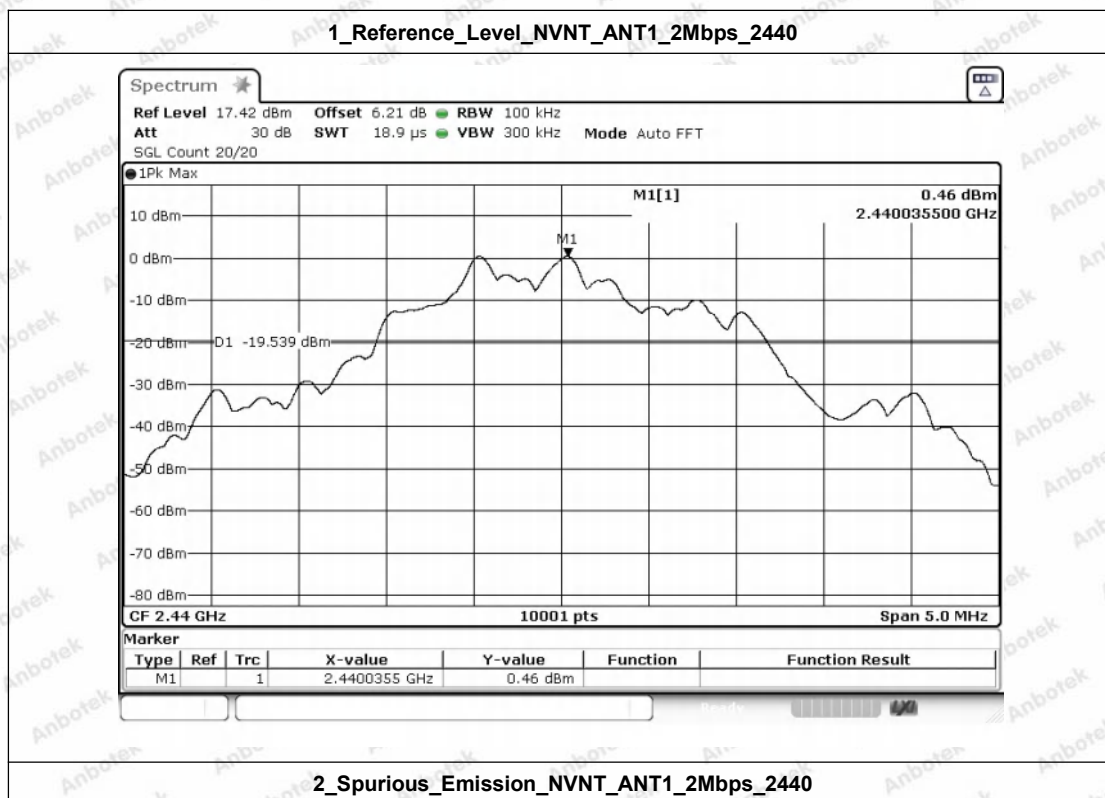
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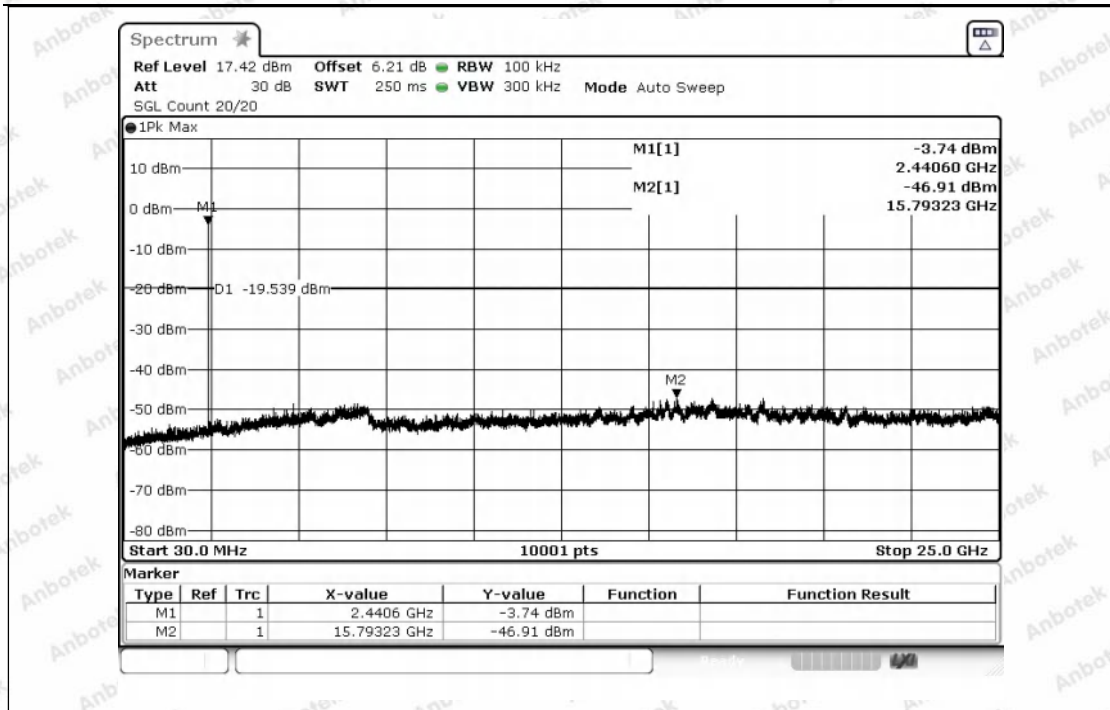


1_Reference_Level_NVNT_ANT1_2Mbps_2440

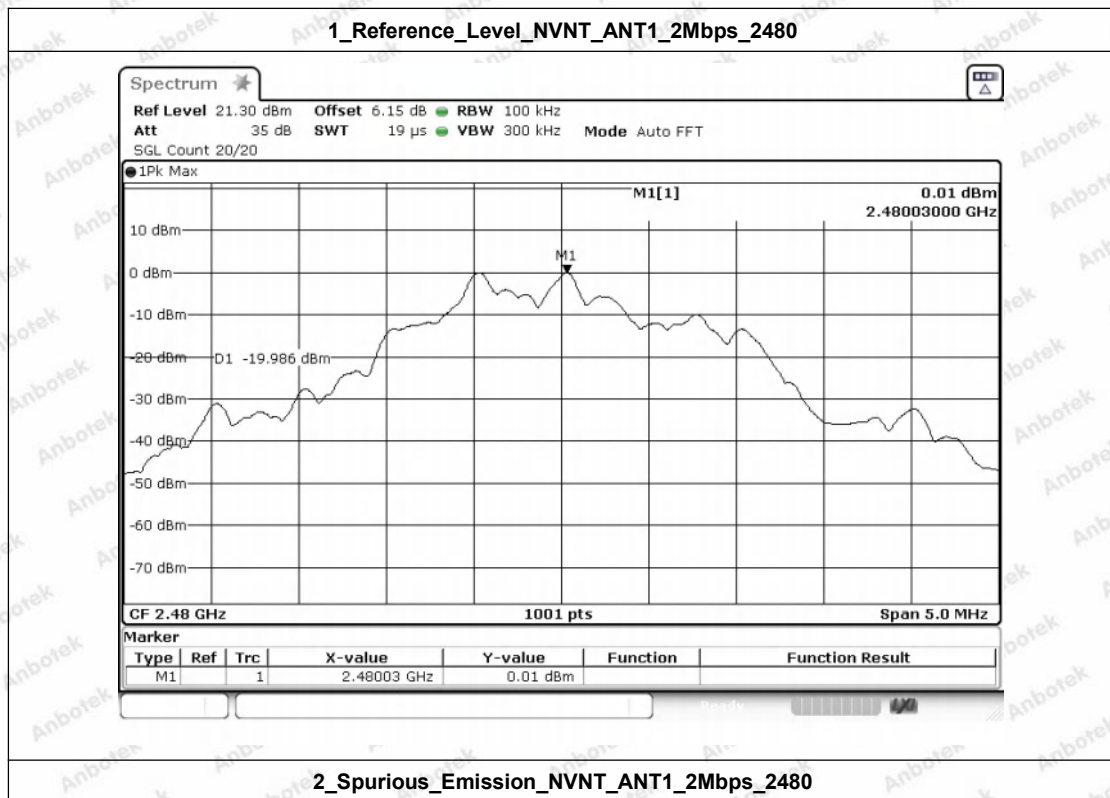


2_Spurious_Emission_NVNT_ANT1_2Mbps_2440





1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480

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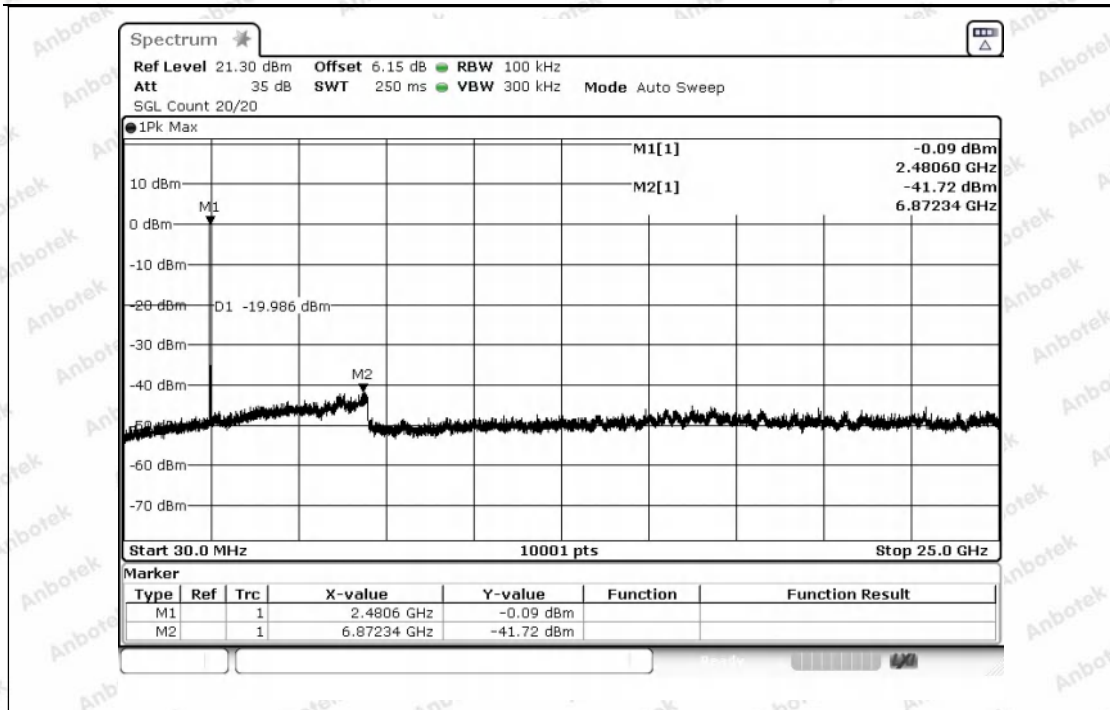
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