

Appendix Test Data

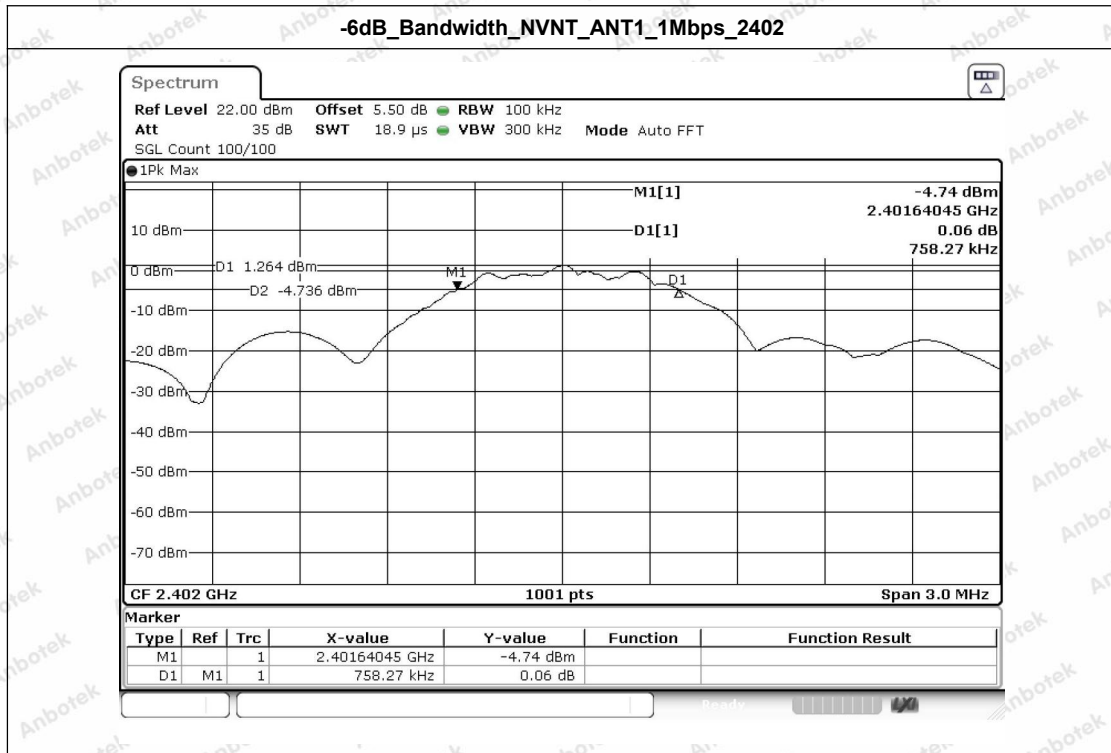
Report No.:	182518C400015101	Test Sample No.:	1-2-2
Start Test Date:	2024.05.25	Finish Test Date:	2024.05.28
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.3°C	Relative Humidity:	48%
Pressure:	101kPa		

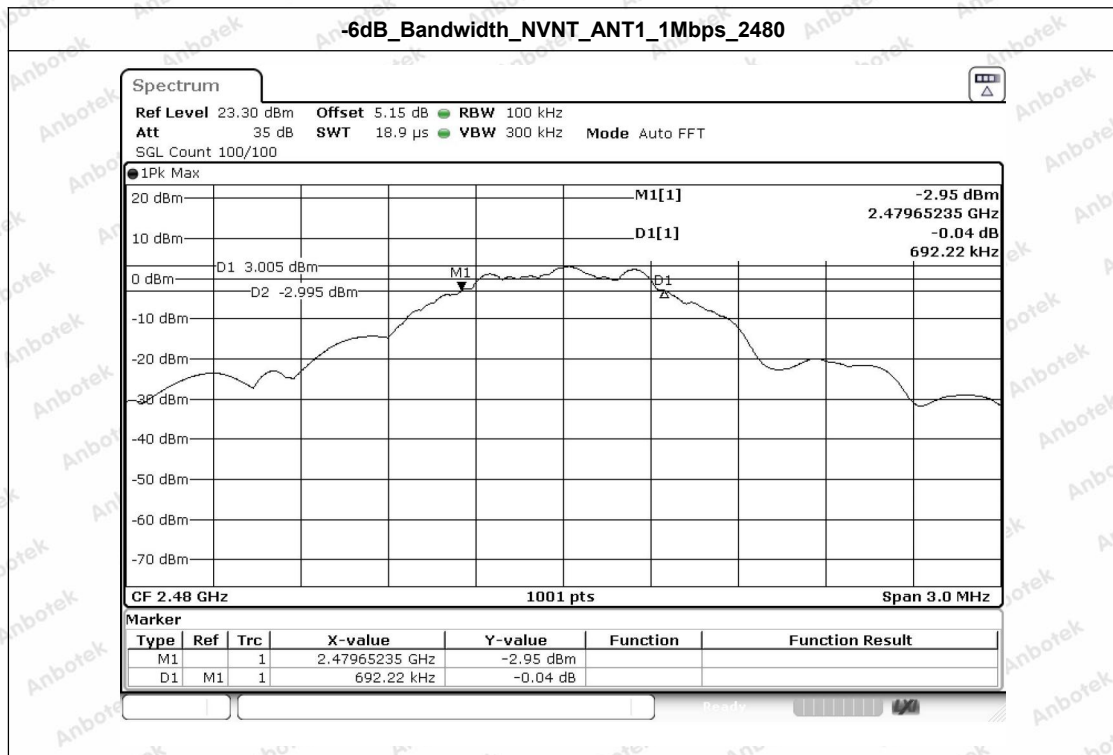
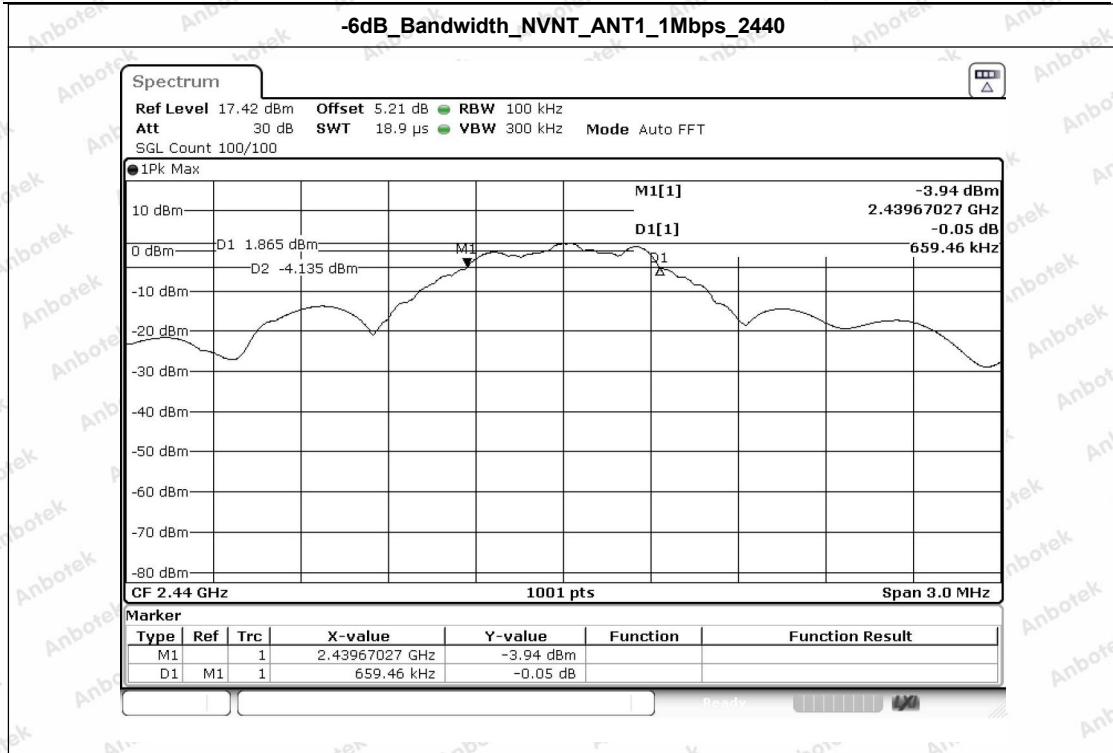
Appendix A: 6dB Bandwidth

Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	758.27	500	Pass
NVNT	ANT1	1Mbps	2440	659.46	500	Pass
NVNT	ANT1	1Mbps	2480	692.22	500	Pass
NVNT	ANT1	2Mbps	2402	755.20	500	Pass
NVNT	ANT1	2Mbps	2440	518.40	500	Pass
NVNT	ANT1	2Mbps	2480	1018.88	500	Pass

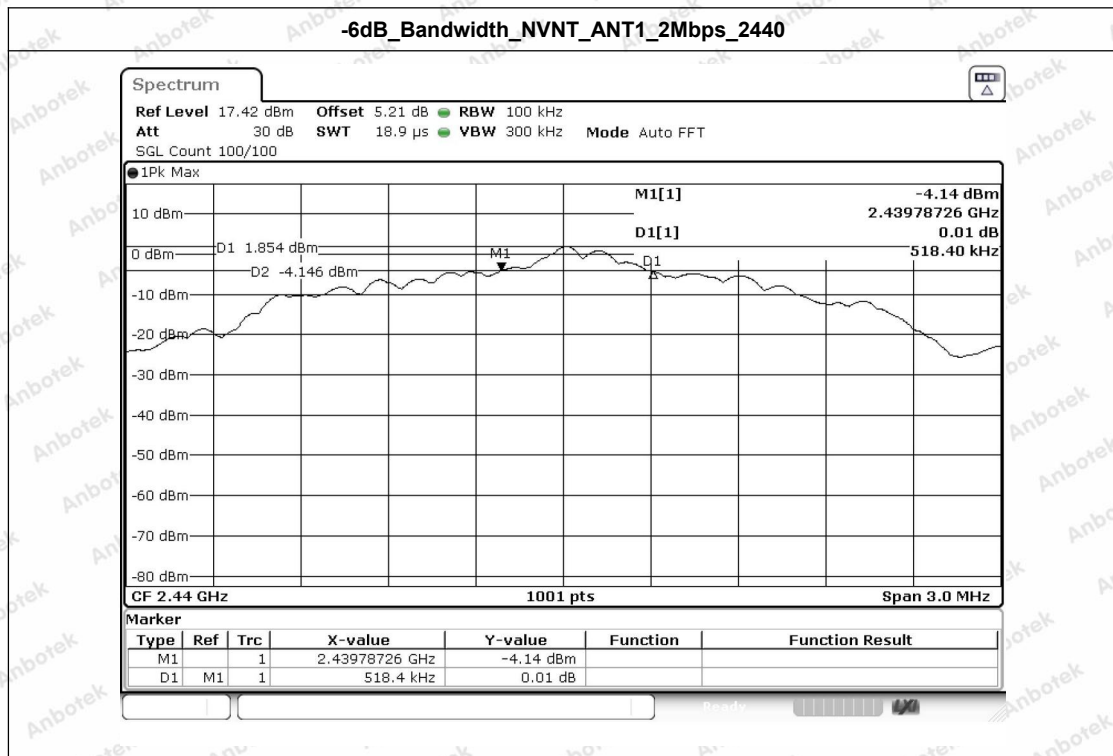
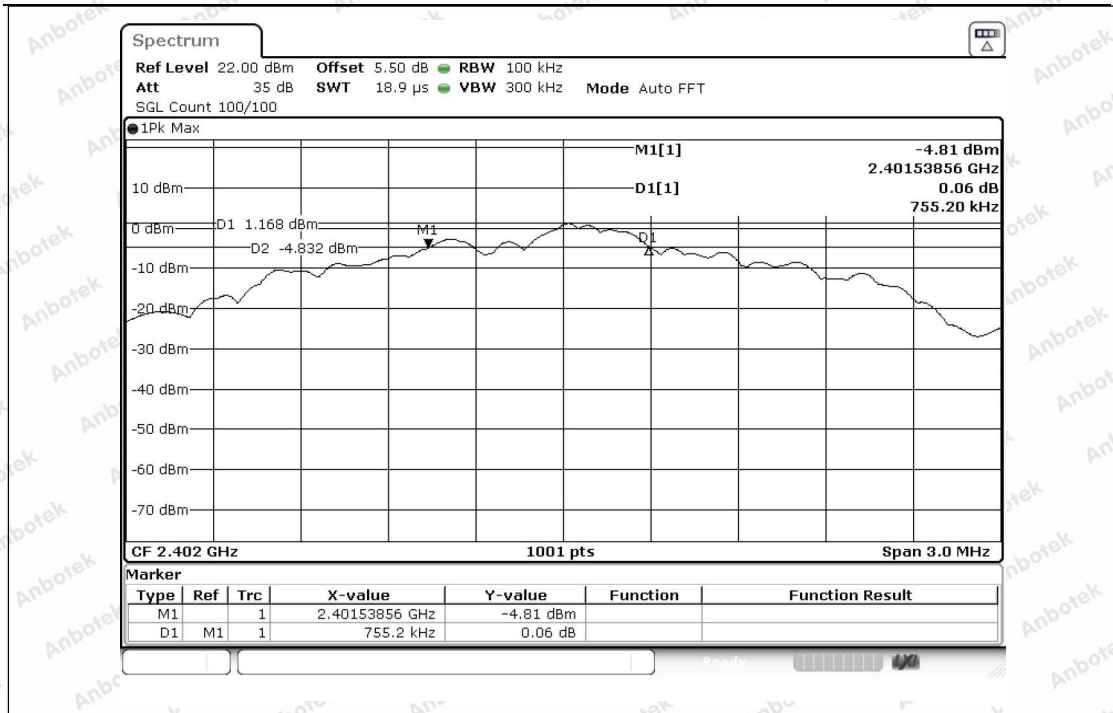
Test Graphs





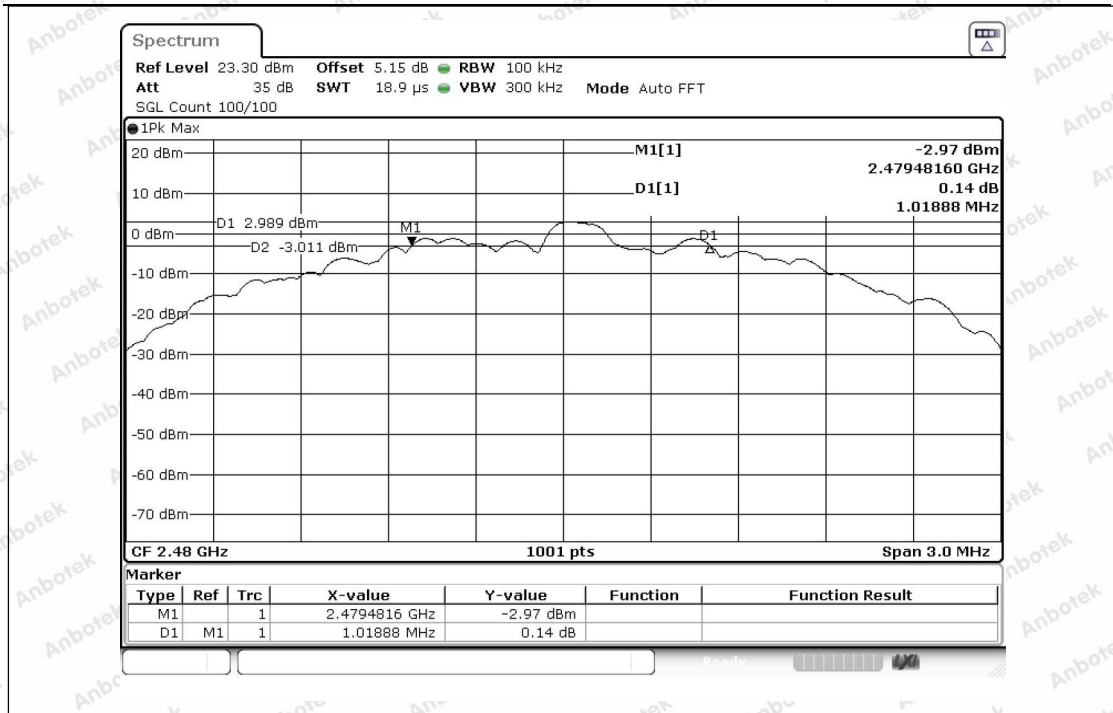
-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402





-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480





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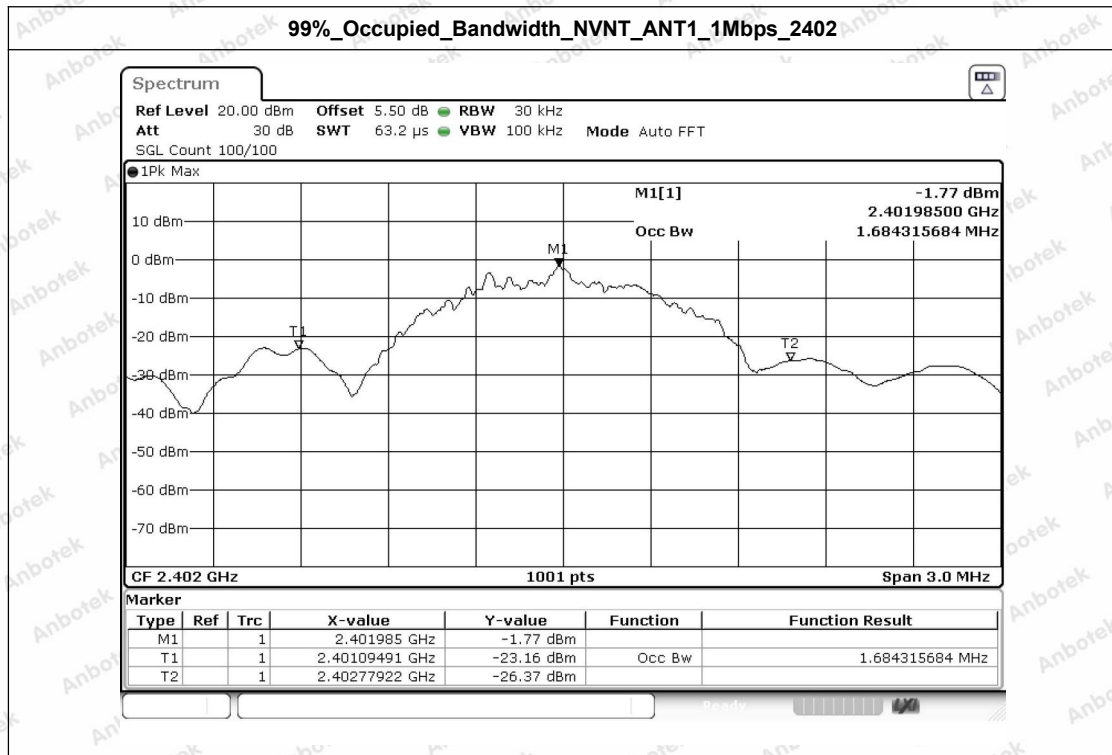


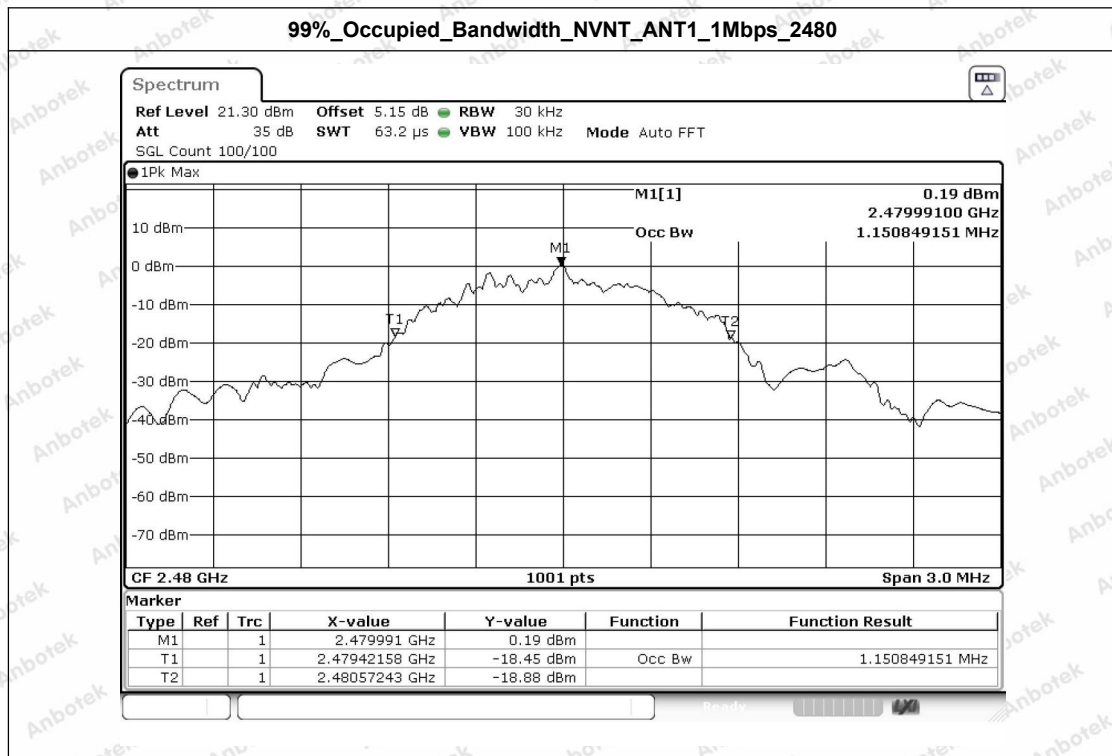
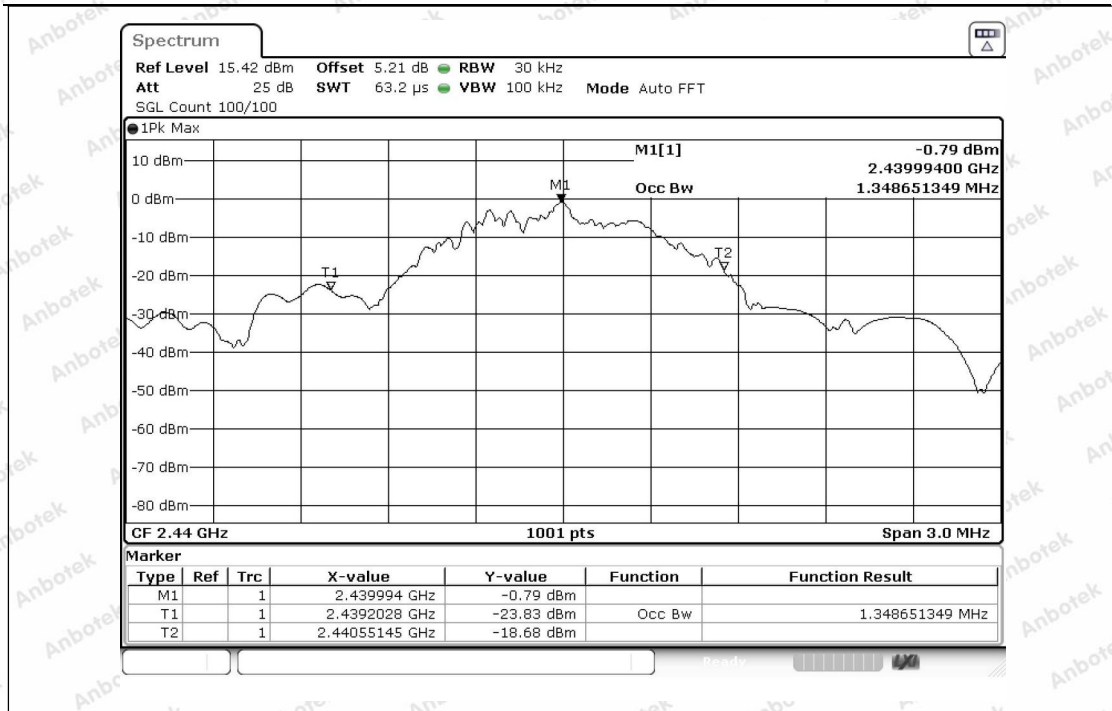
Appendix B: 99% Occupied Bandwidth

Test Result

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.684
NVNT	ANT1	1Mbps	2440	1.349
NVNT	ANT1	1Mbps	2480	1.151
NVNT	ANT1	2Mbps	2402	2.182
NVNT	ANT1	2Mbps	2440	2.176
NVNT	ANT1	2Mbps	2480	2.245

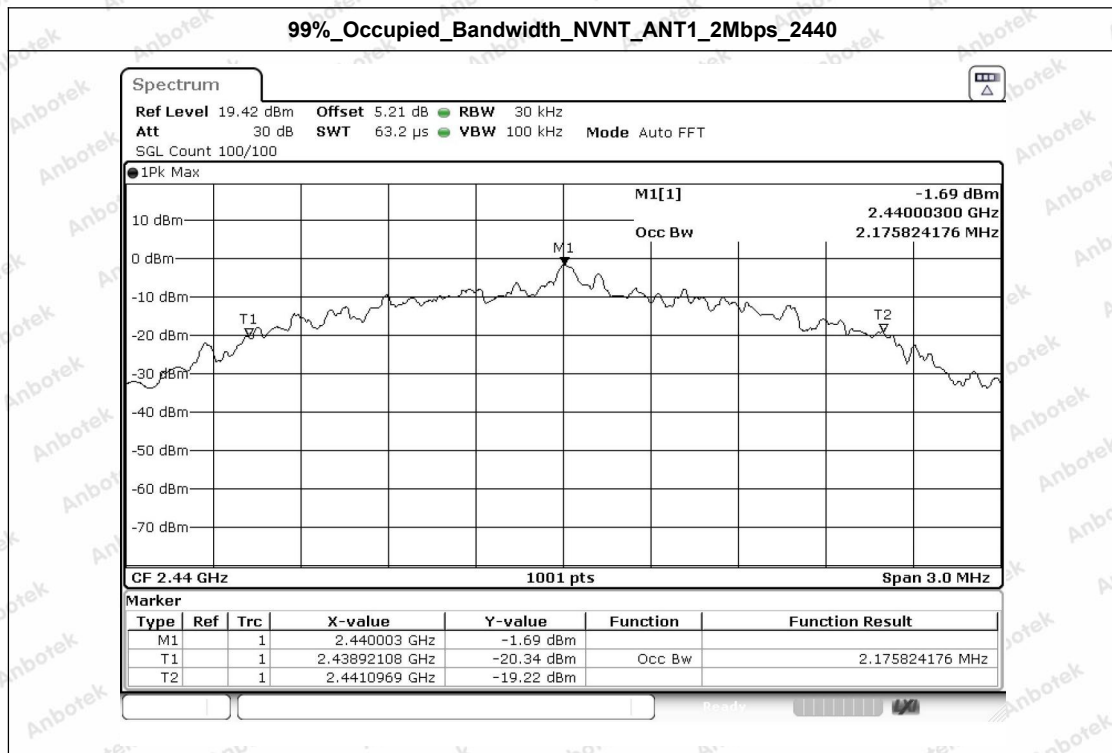
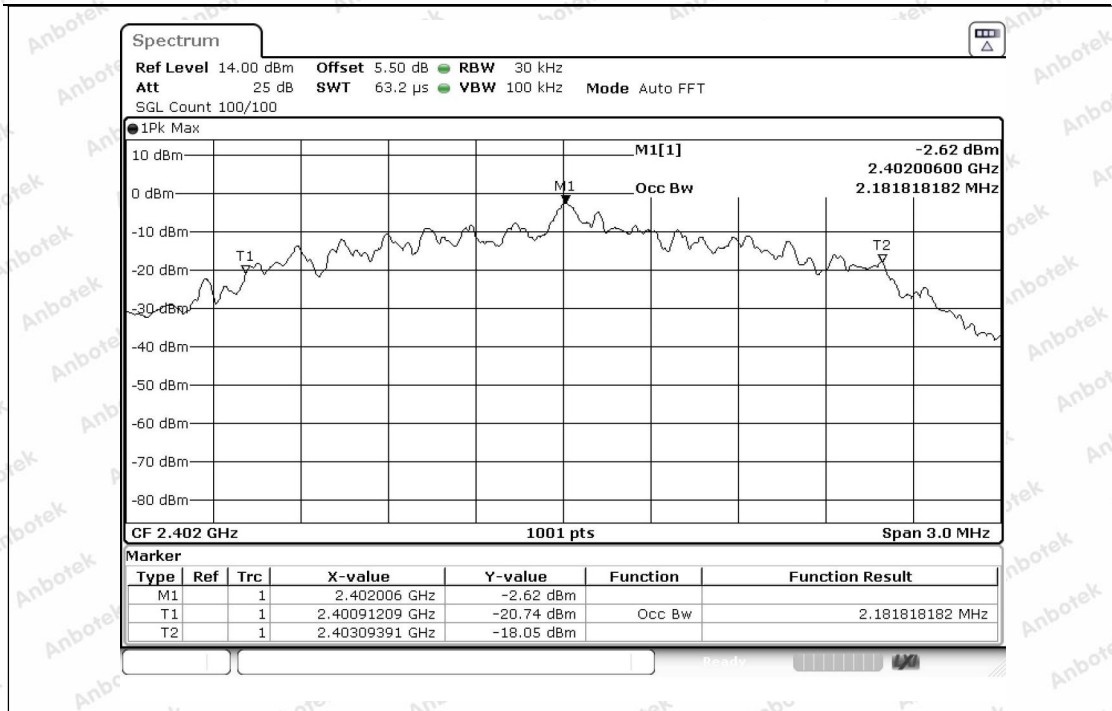
Test Graphs





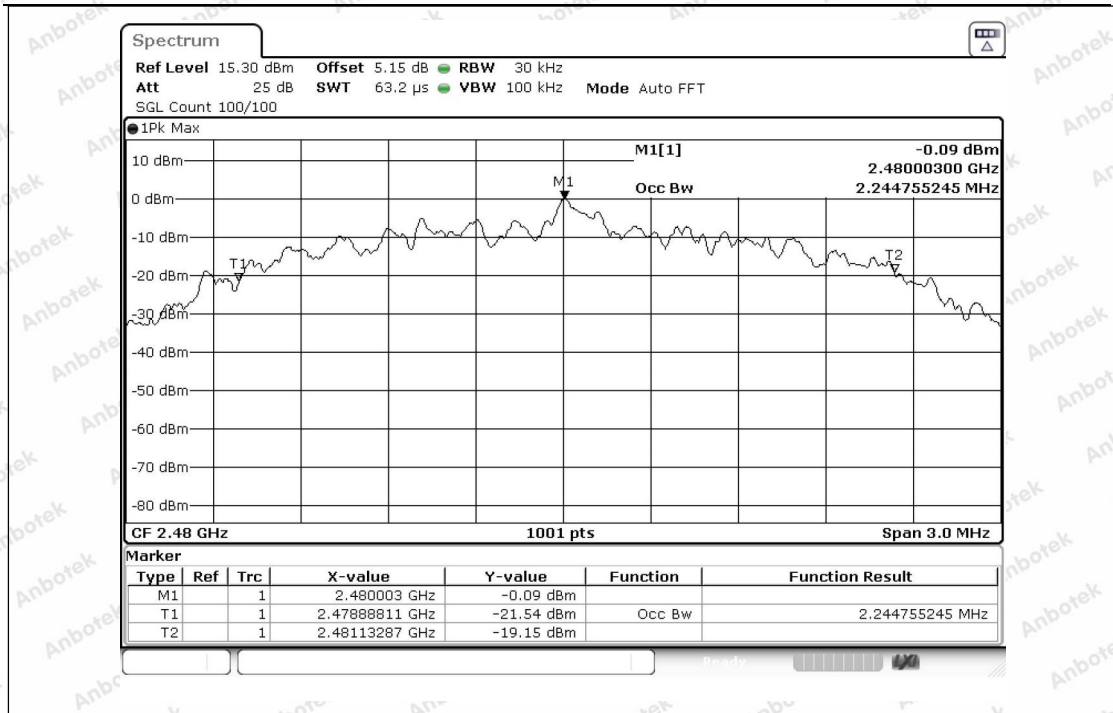
99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402





99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480





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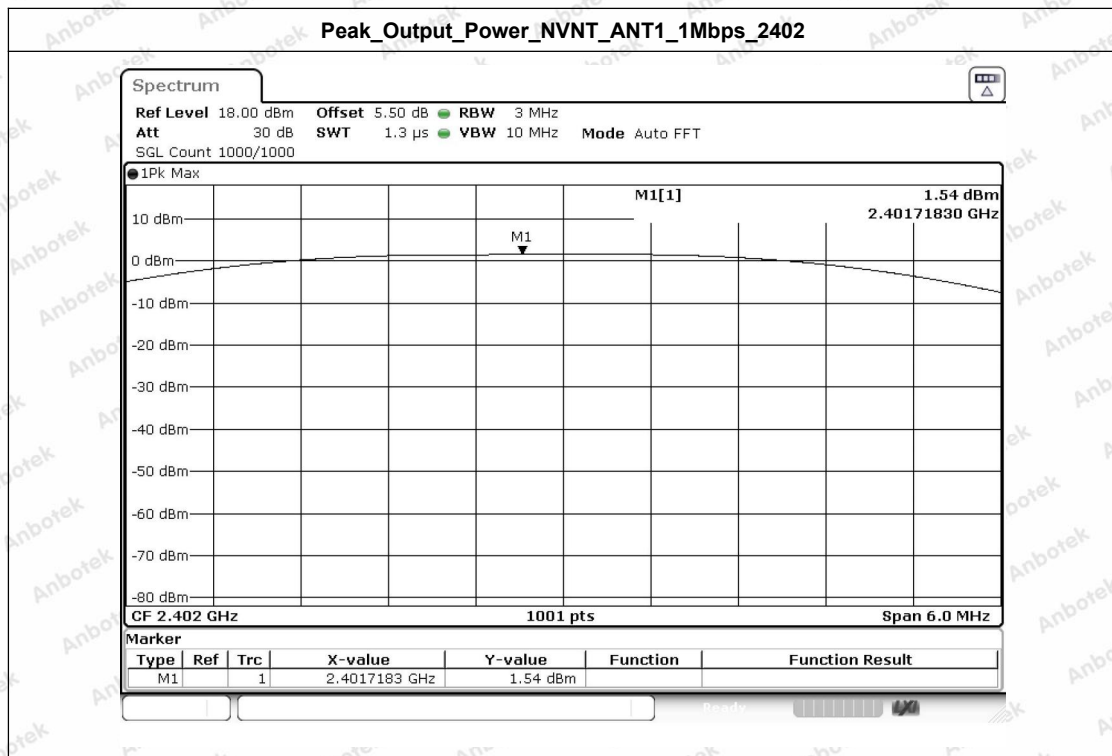


Appendix C: Maximum conducted output power

Test Result Peak

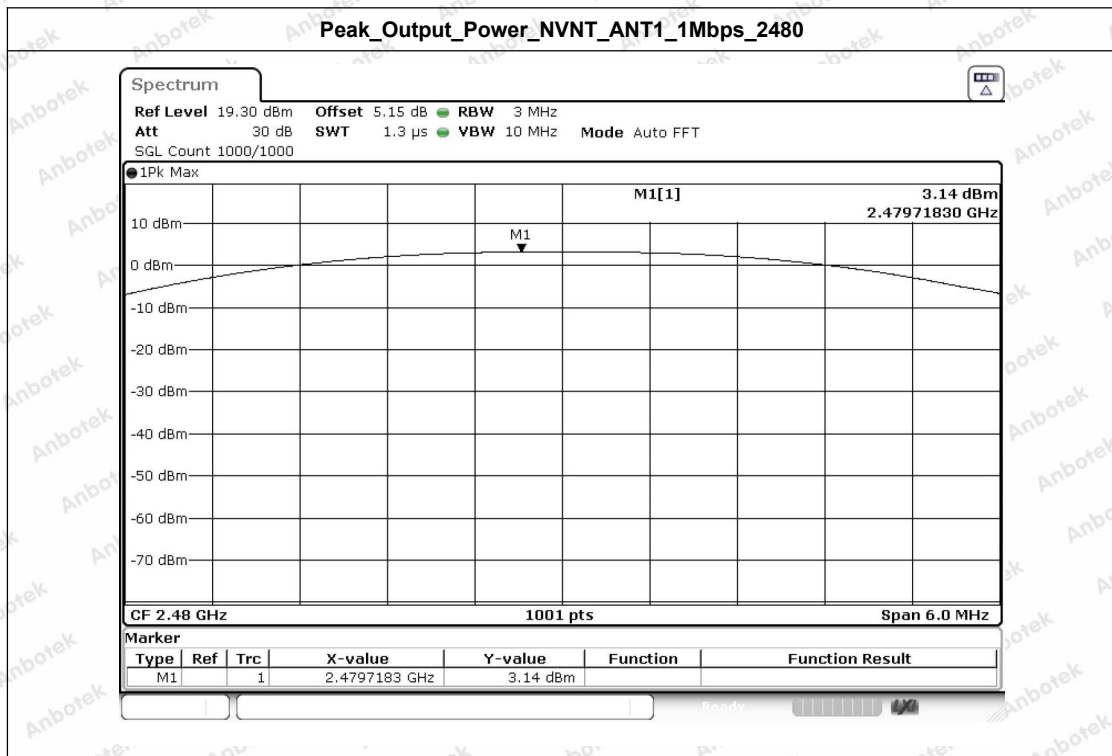
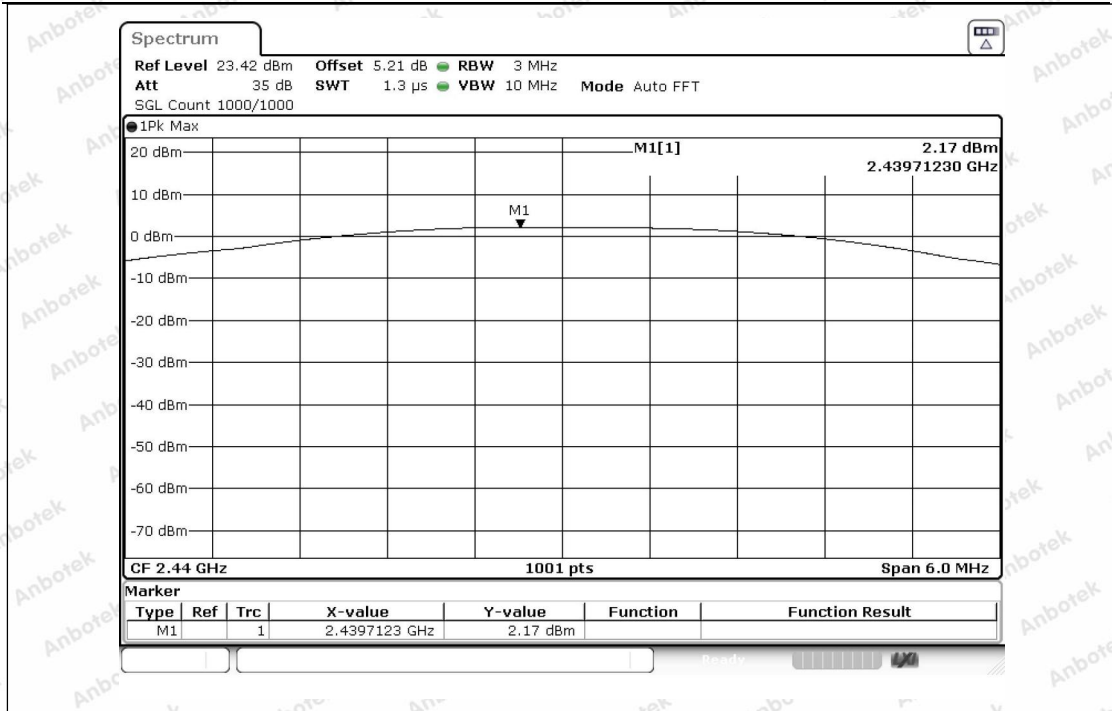
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	1.54	1.42	1000	Pass
NVNT	ANT1	1Mbps	2440	2.17	1.65	1000	Pass
NVNT	ANT1	1Mbps	2480	3.14	2.06	1000	Pass
NVNT	ANT1	2Mbps	2402	1.54	1.43	1000	Pass
NVNT	ANT1	2Mbps	2440	2.19	1.66	1000	Pass
NVNT	ANT1	2Mbps	2480	3.19	2.08	1000	Pass

Test Graphs Peak



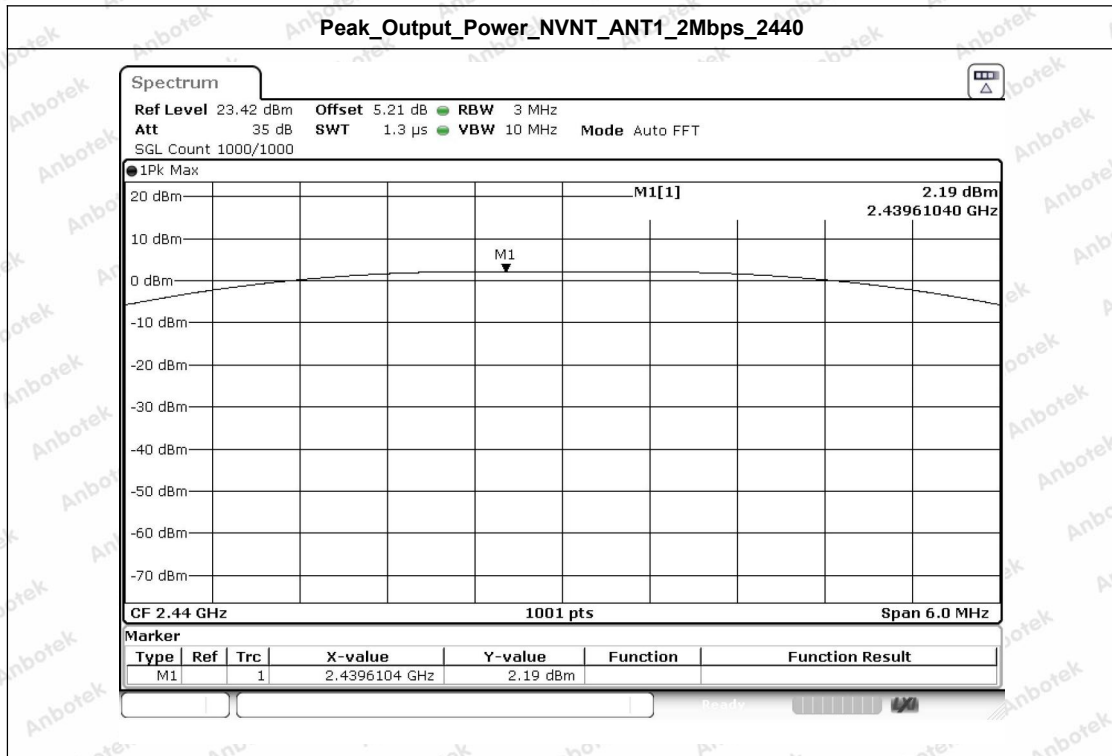
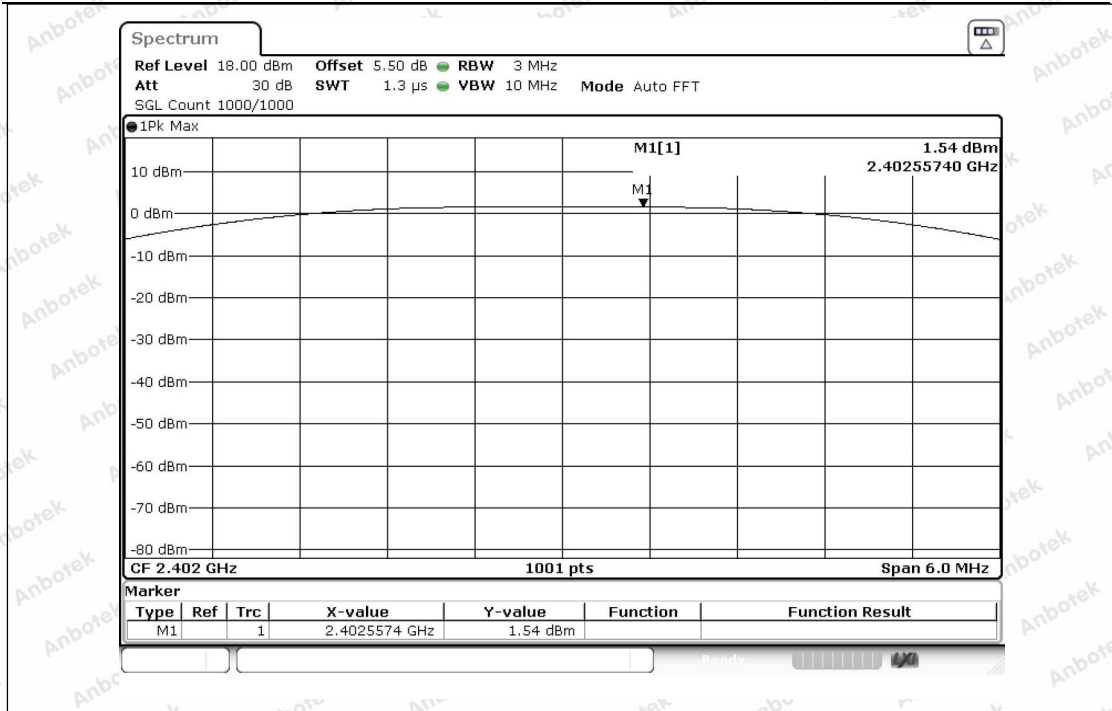
Peak_Output_Power_NVNT_ANT1_1Mbps_2440





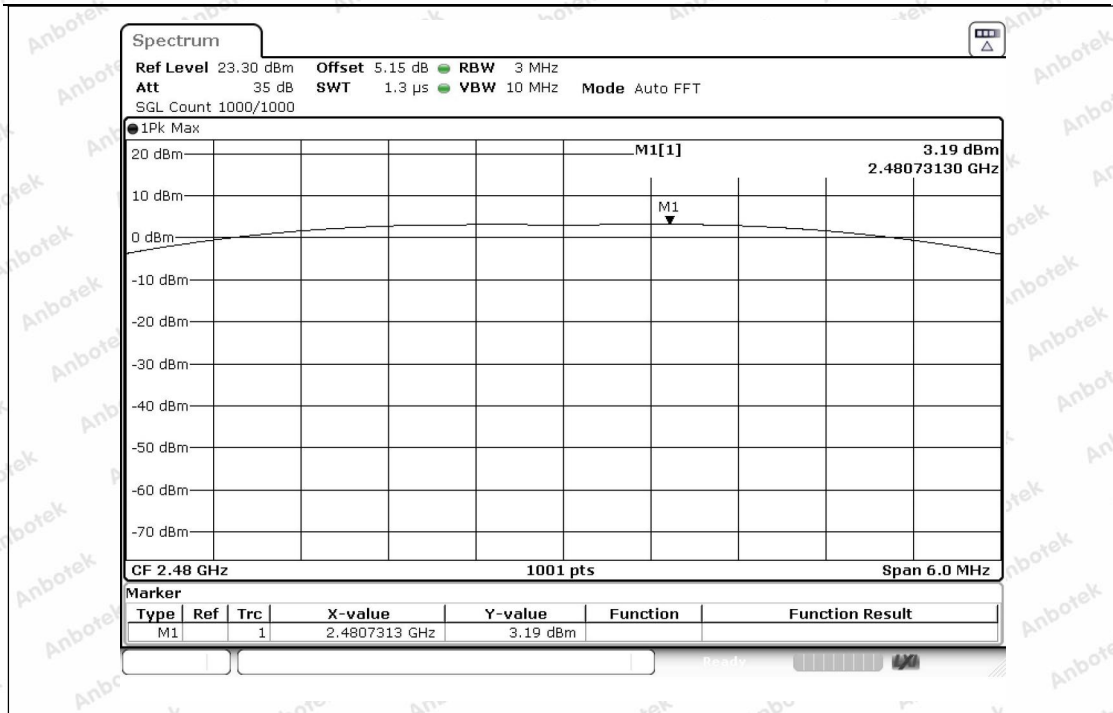
Peak Output Power NVNT_ANT1_2Mbps_2402





Peak Output Power NVNT_ANT1_2Mbps_2480





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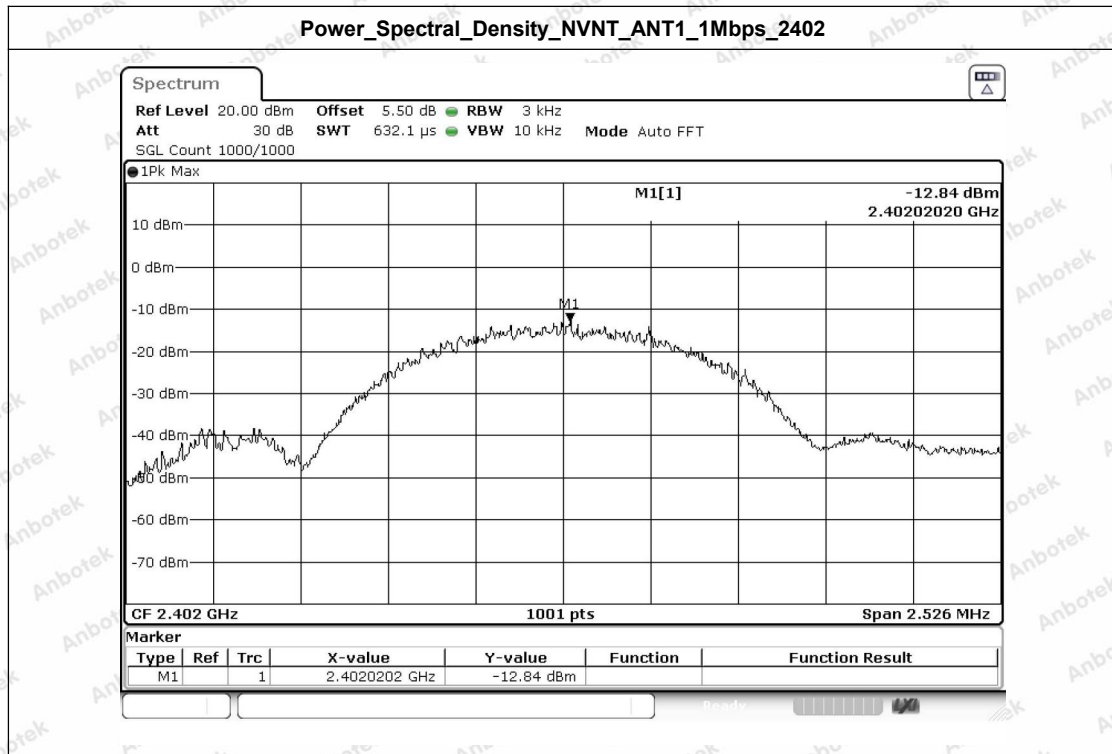


Appendix D: Maximum power spectral density

Test Result

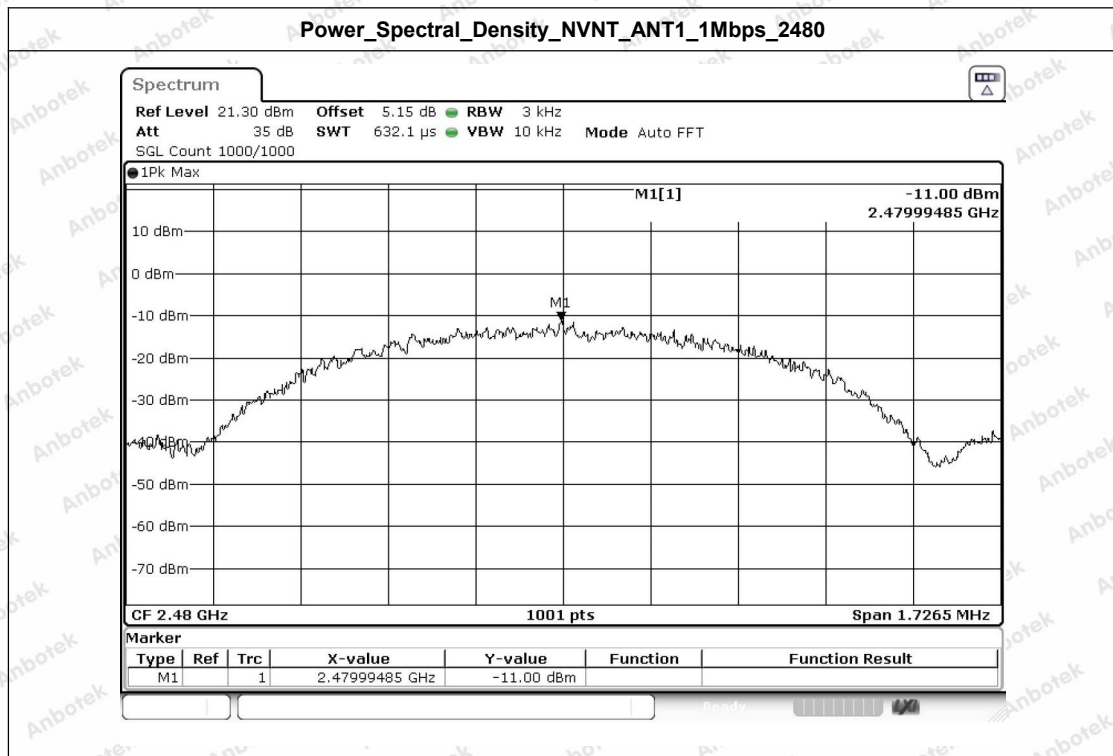
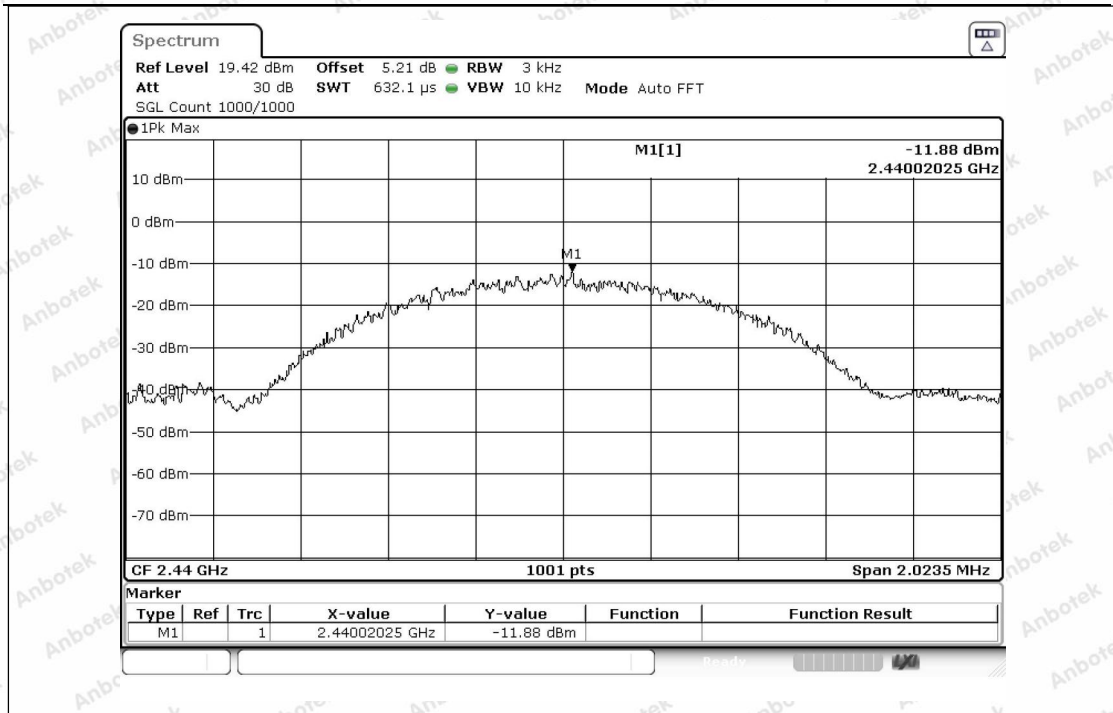
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-12.84	8	Pass
NVNT	ANT1	1Mbps	2440	-11.88	8	Pass
NVNT	ANT1	1Mbps	2480	-11.00	8	Pass
NVNT	ANT1	2Mbps	2402	-14.40	8	Pass
NVNT	ANT1	2Mbps	2440	-13.16	8	Pass
NVNT	ANT1	2Mbps	2480	-13.31	8	Pass

Test Graphs



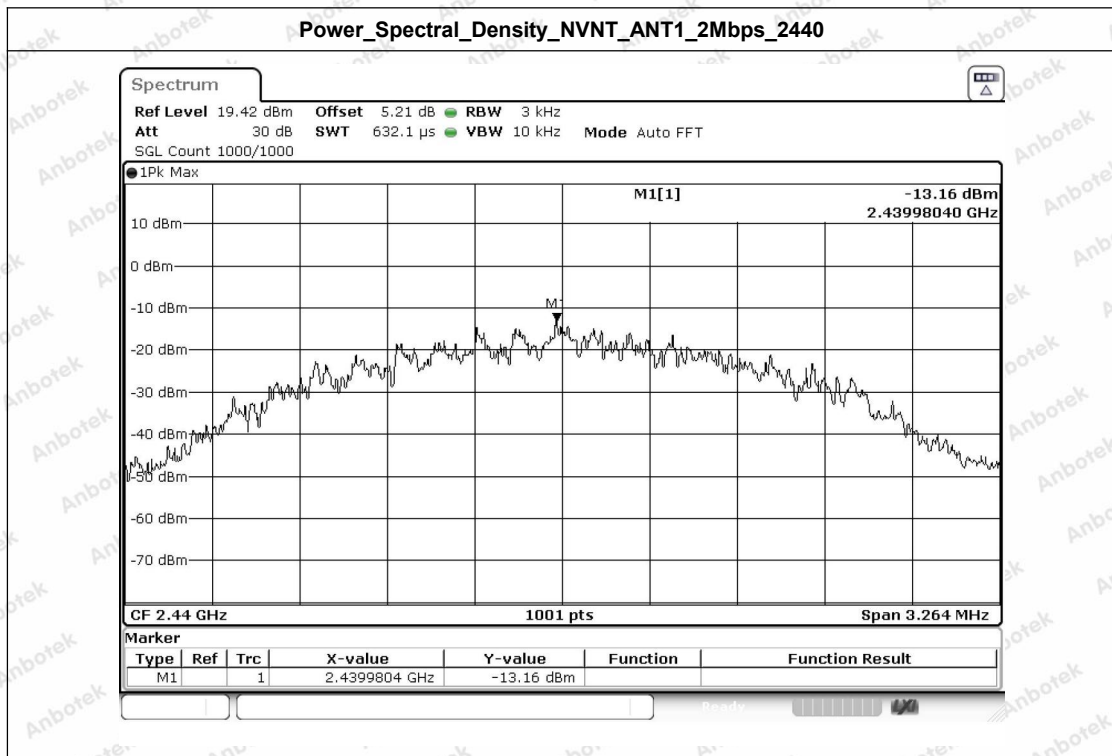
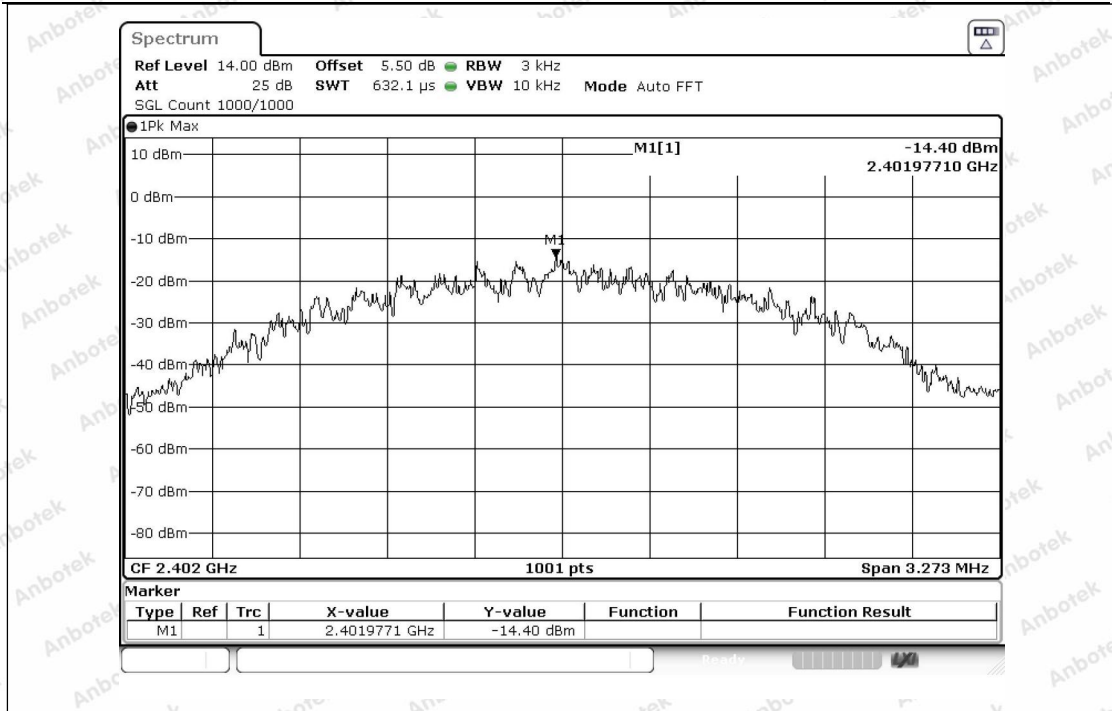
Power_Spectral_Density_NVNT_ANT1_1Mbps_2440





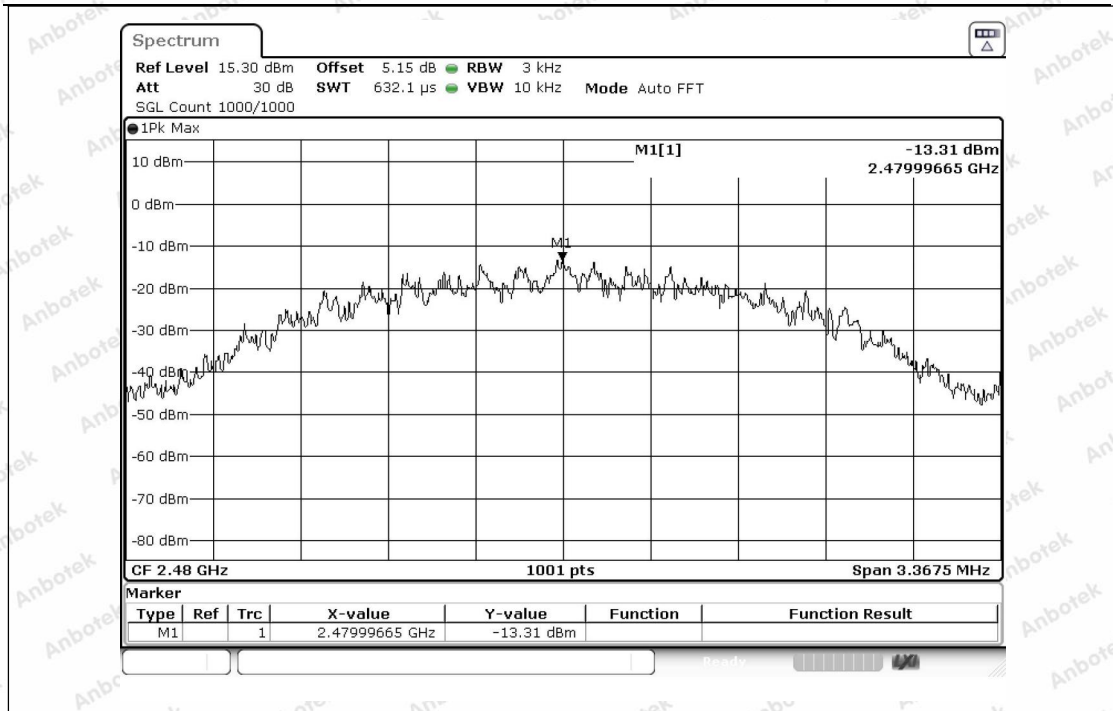
Power_Spectral_Density_NVNT_ANT1_2Mbps_2402





Power_Spectral_Density_NVNT_ANT1_2Mbps_2480





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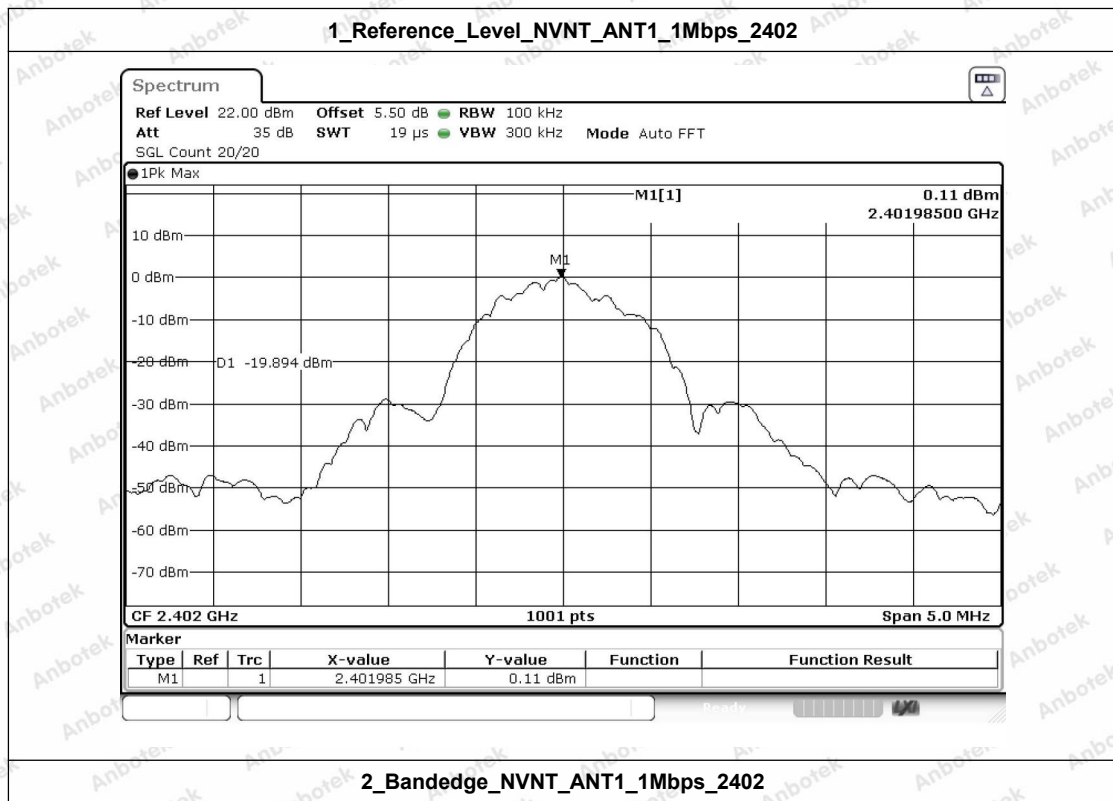


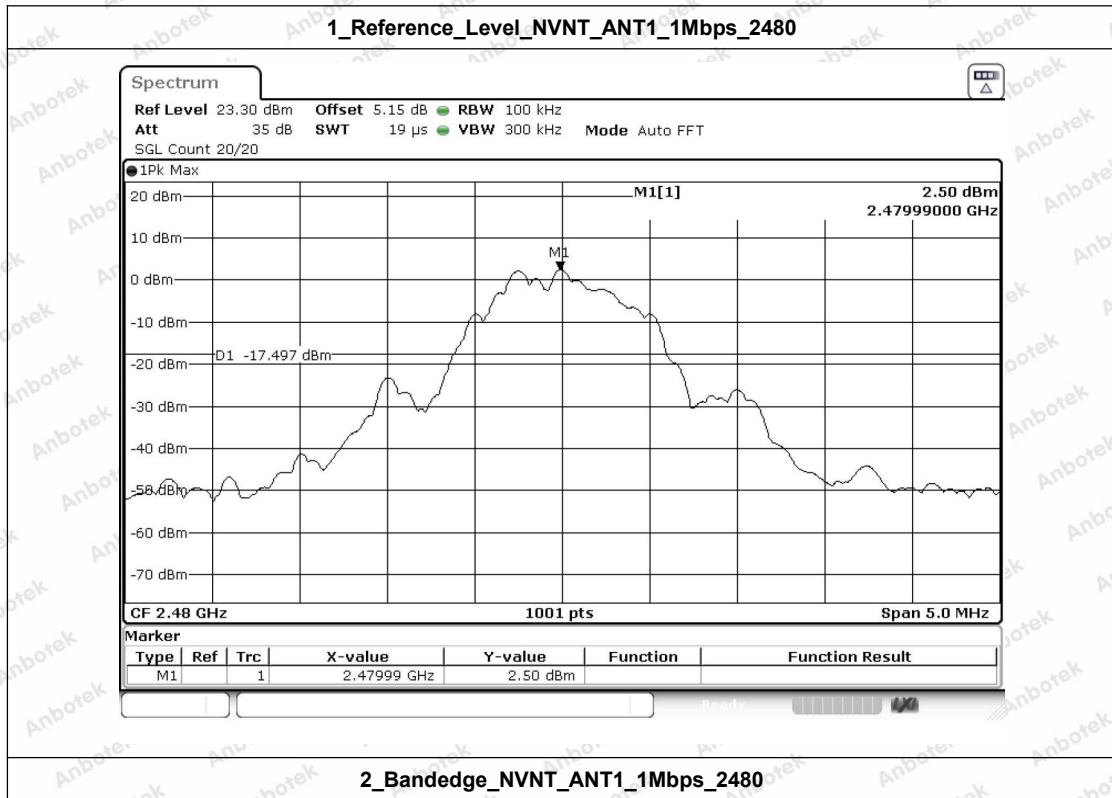
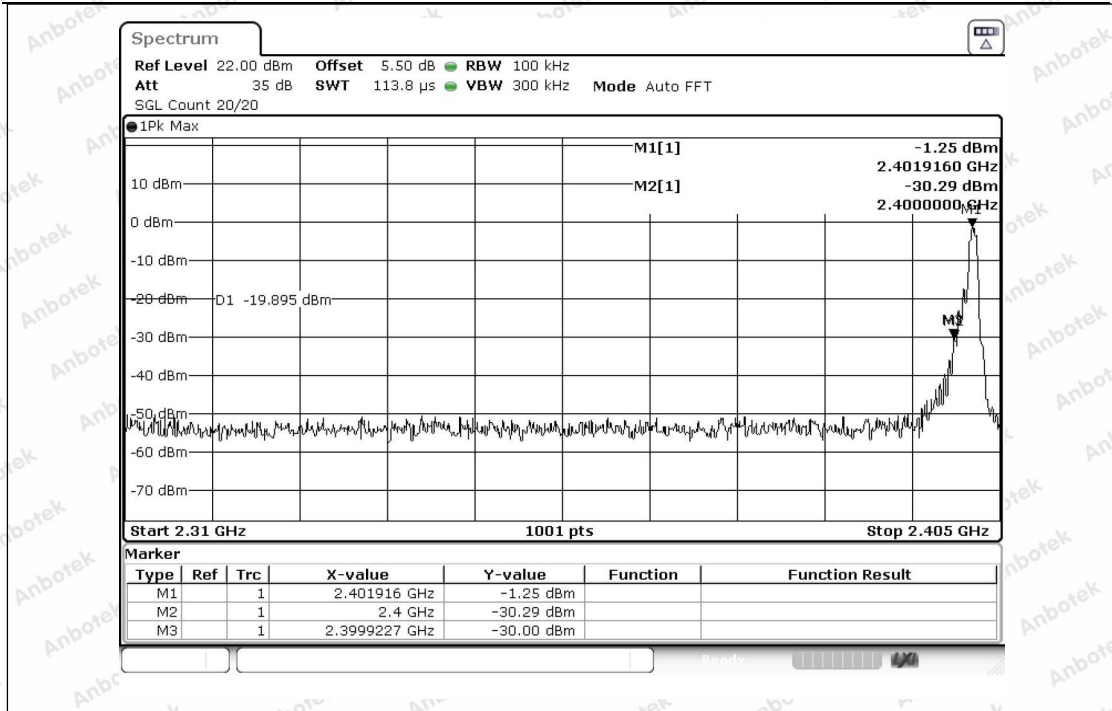
Appendix E: Band edge measurements

Test Result

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-29.999	-19.895	Pass
NVNT	ANT1	1Mbps	2480	2490.622	-49.539	-17.498	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-31.495	-19.283	Pass
NVNT	ANT1	2Mbps	2480	2496.915	-49.109	-18.344	Pass

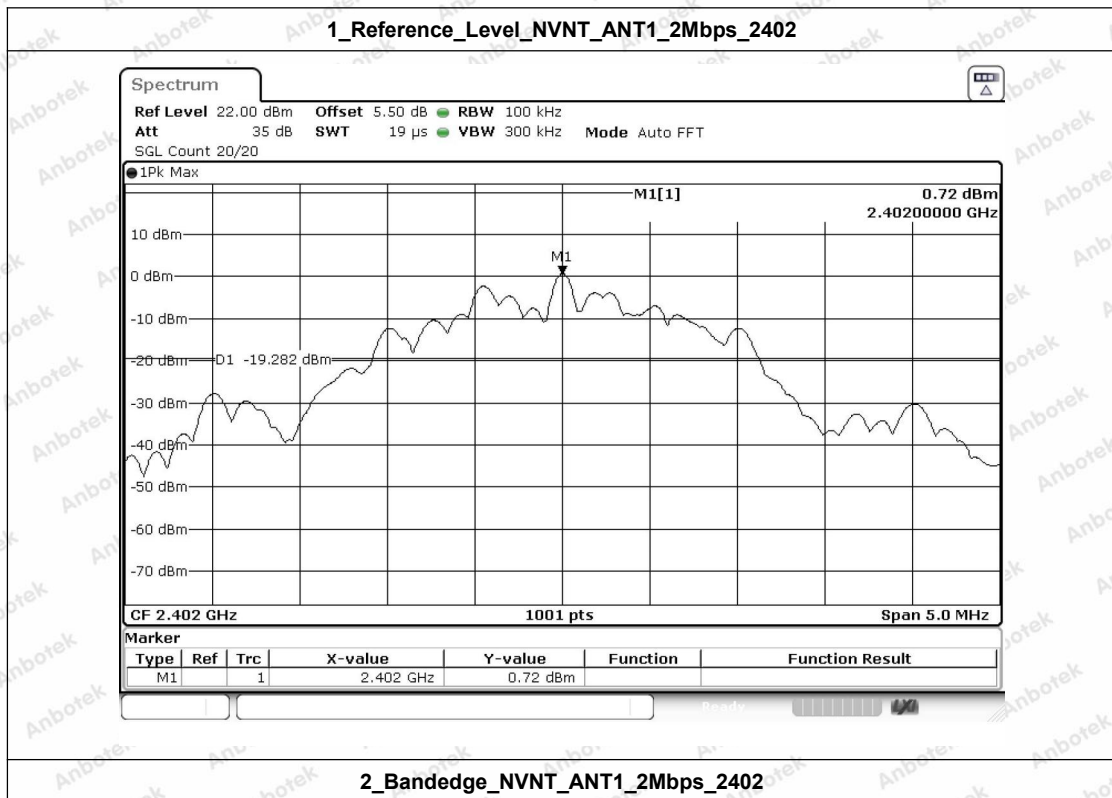
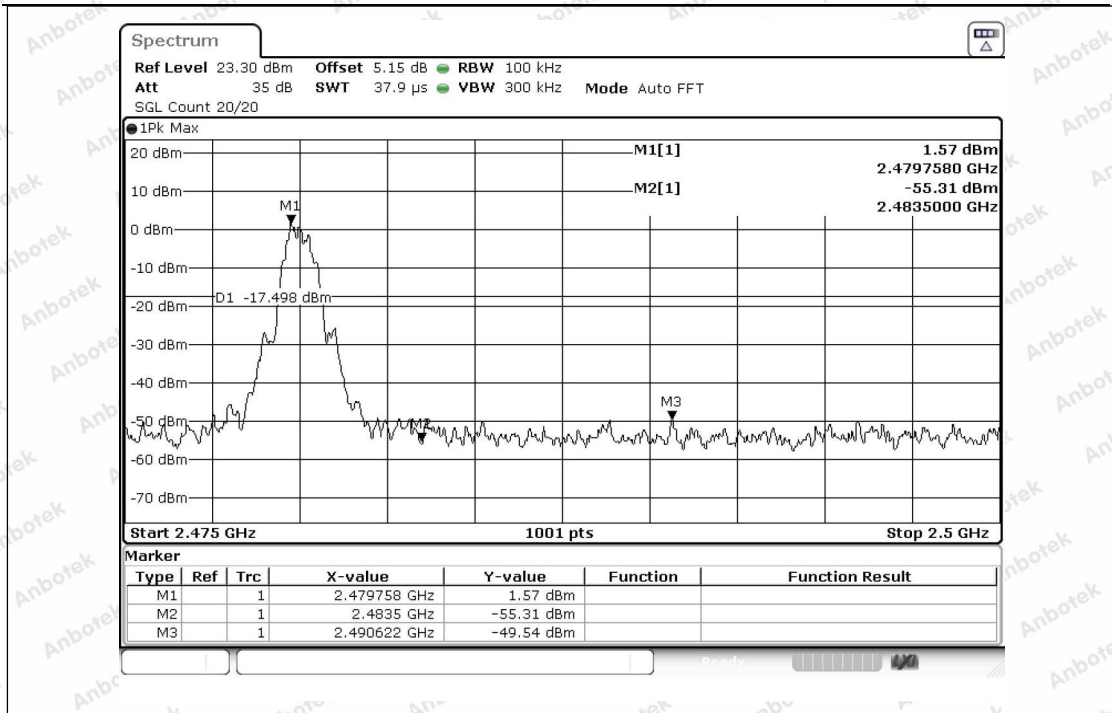
Test Graphs

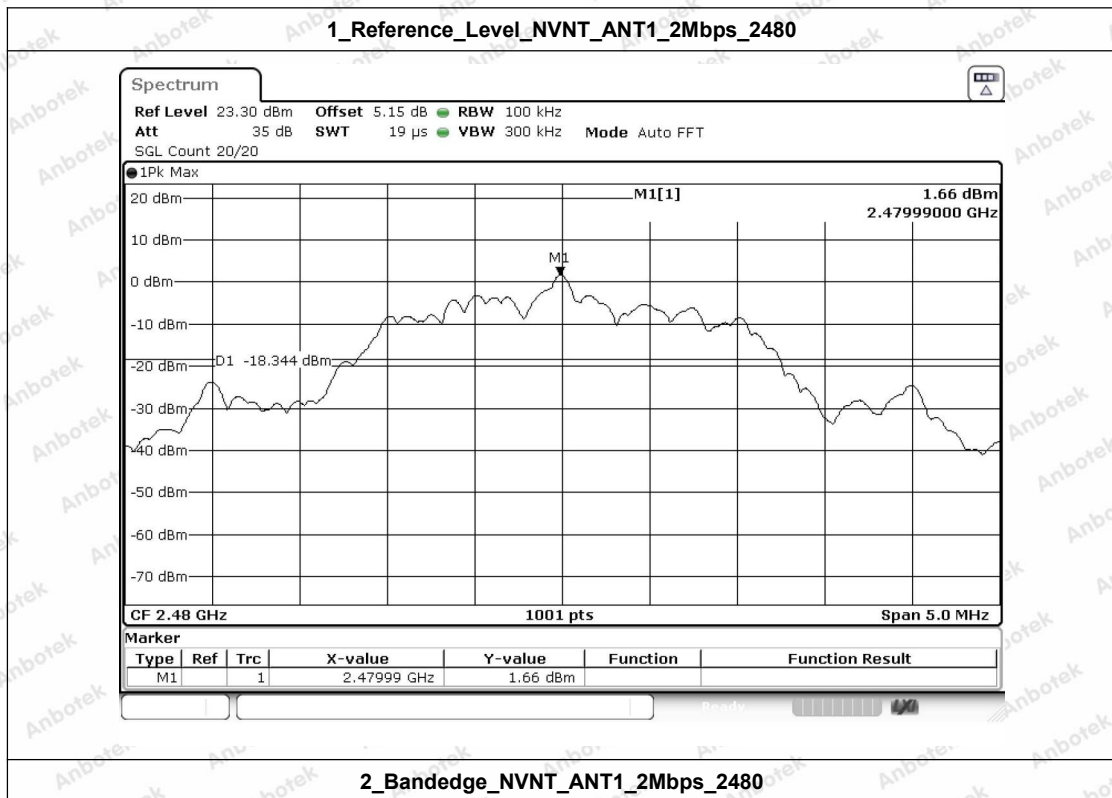
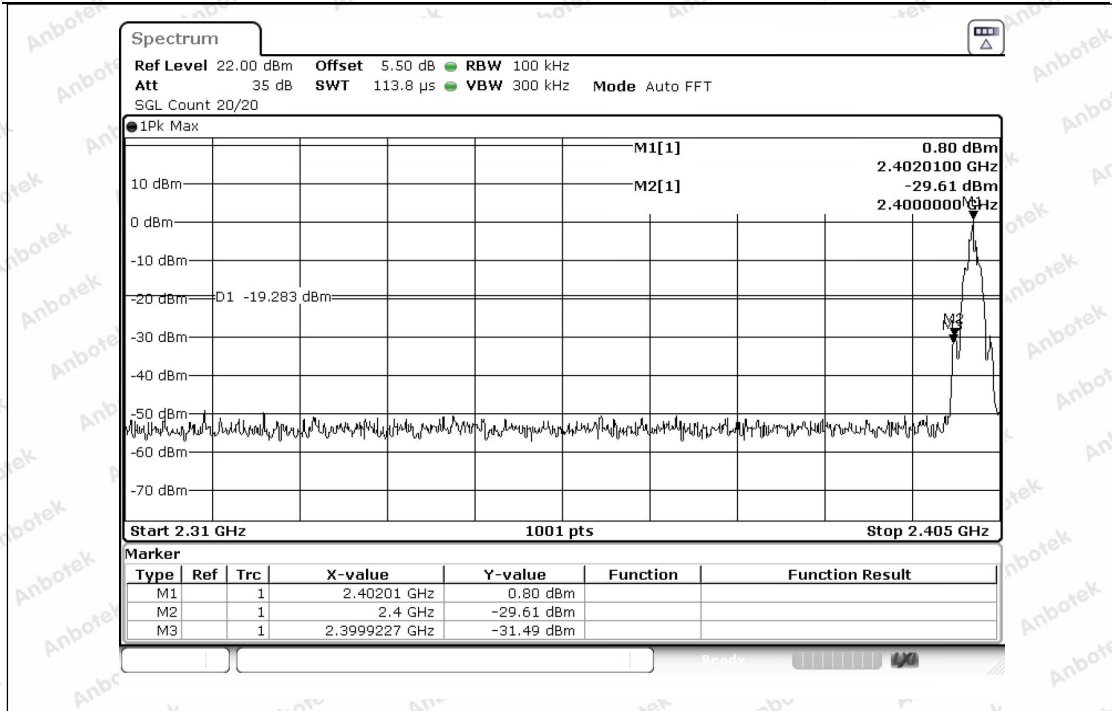




2_Bandedge_NVNT_ANT1_1Mbps_2480

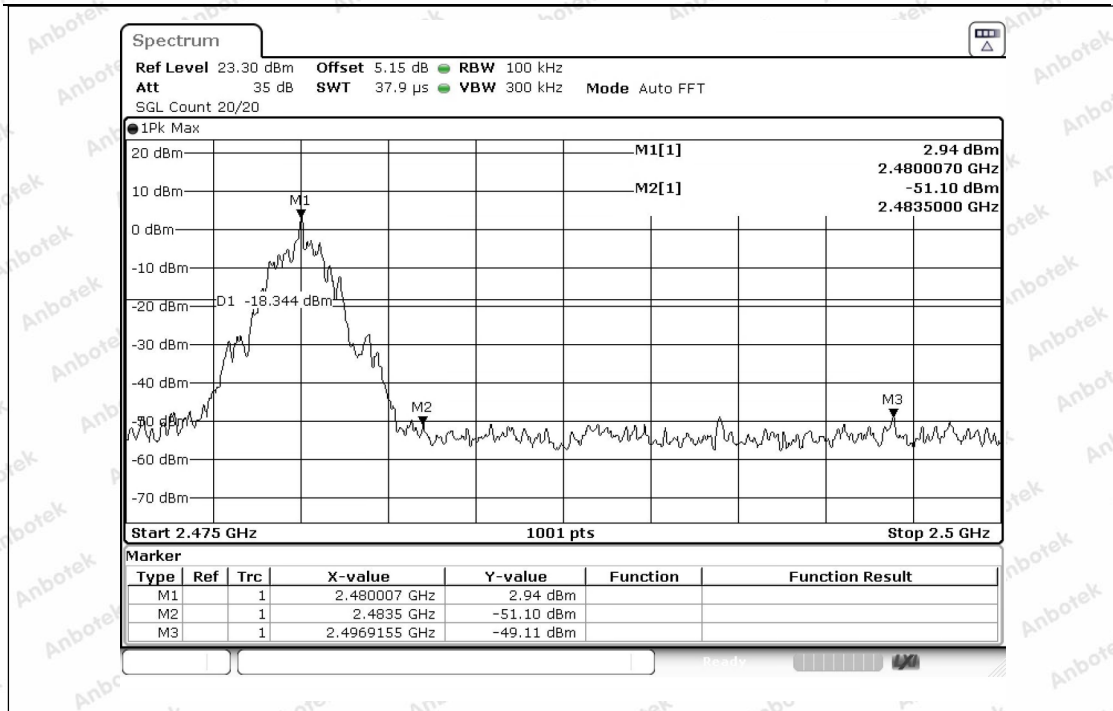






2_Bandedge_NVNT_ANT1_2Mbps_2480





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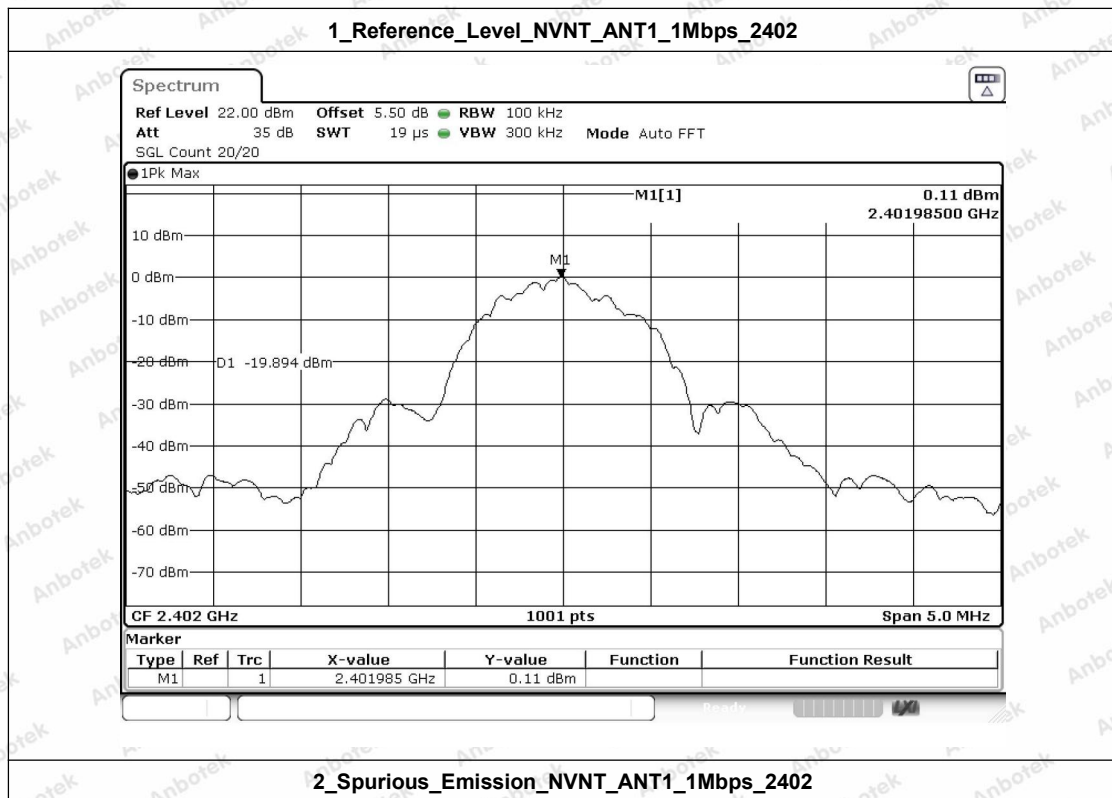


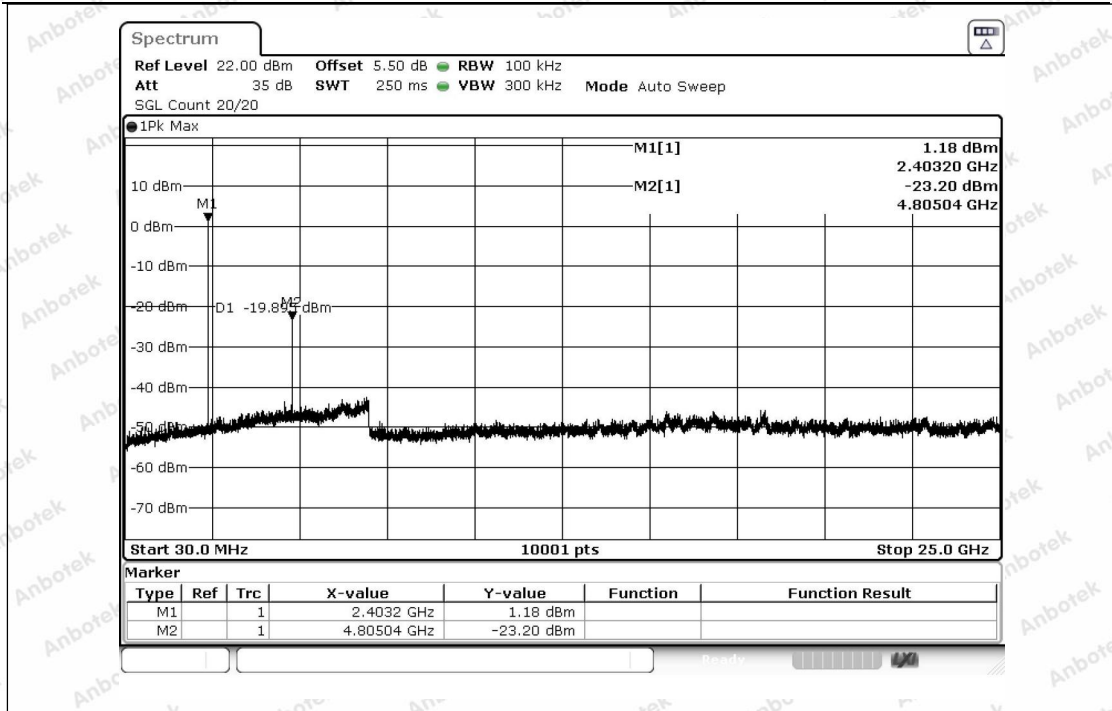
Appendix F: Conducted Spurious Emission

Test Result

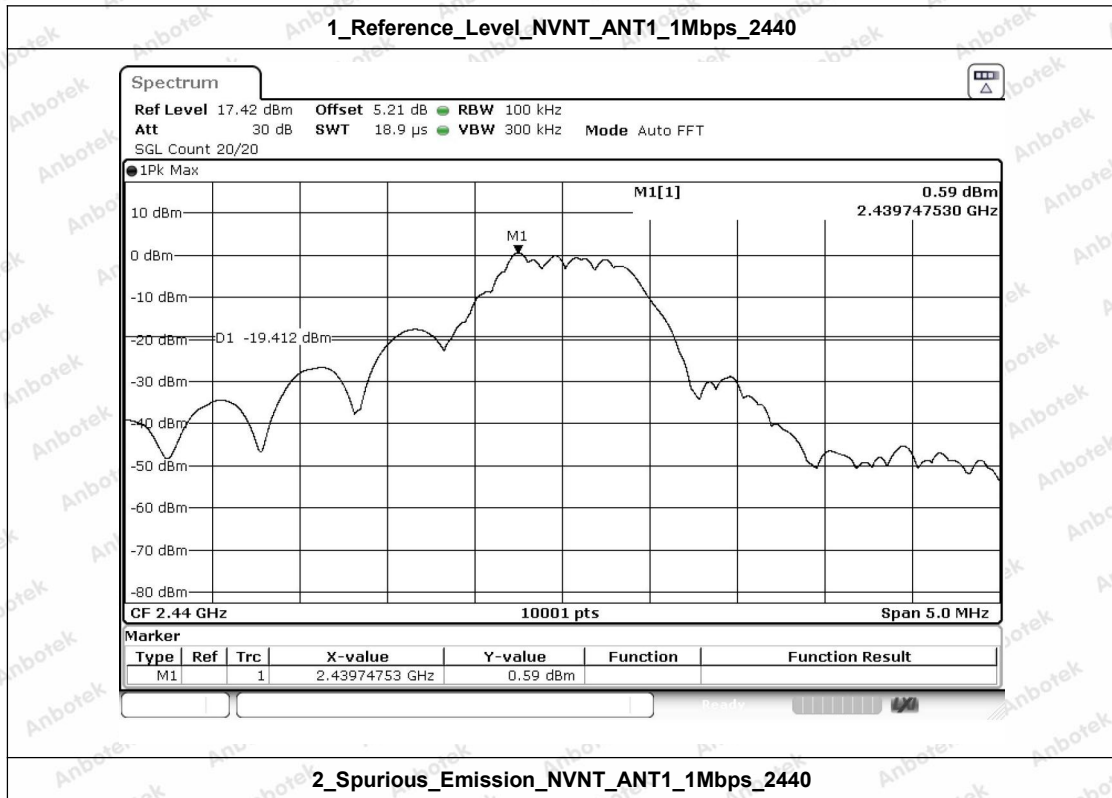
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-23.197	-19.895	Pass
NVNT	ANT1	1Mbps	2440	-24.035	-19.412	Pass
NVNT	ANT1	1Mbps	2480	-23.776	-17.498	Pass
NVNT	ANT1	2Mbps	2402	-23.476	-19.283	Pass
NVNT	ANT1	2Mbps	2440	-23.812	-22.281	Pass
NVNT	ANT1	2Mbps	2480	-26.223	-18.344	Pass

Test Graphs



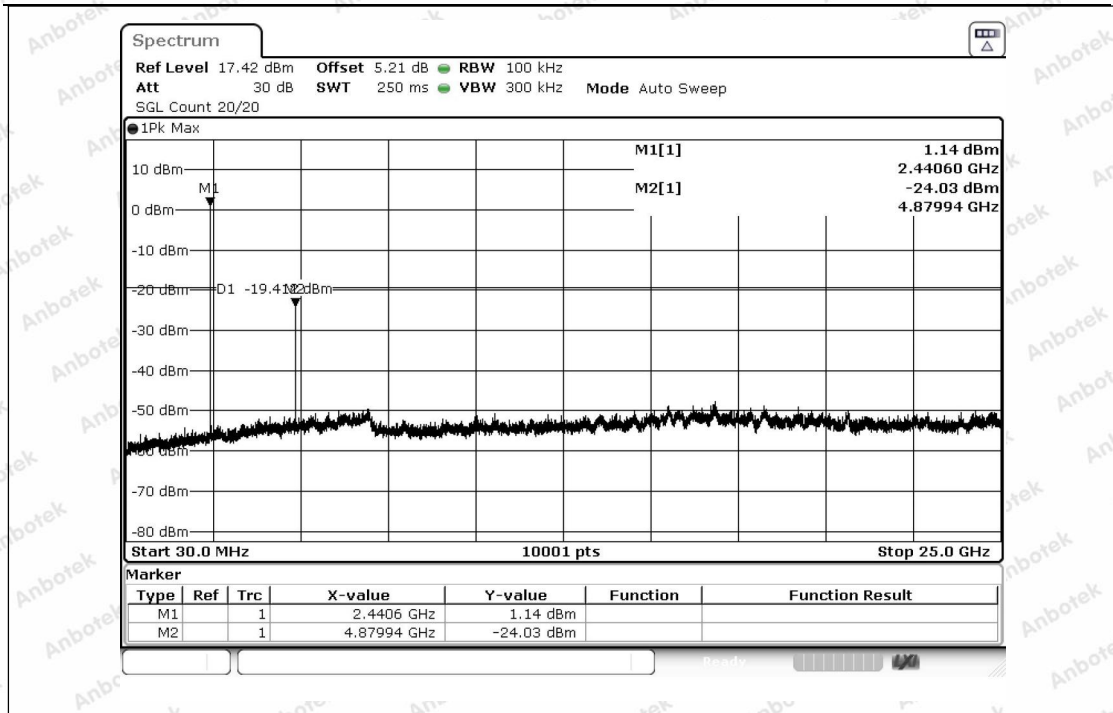


1_Reference_Level_NVNT_ANT1_1Mbps_2440

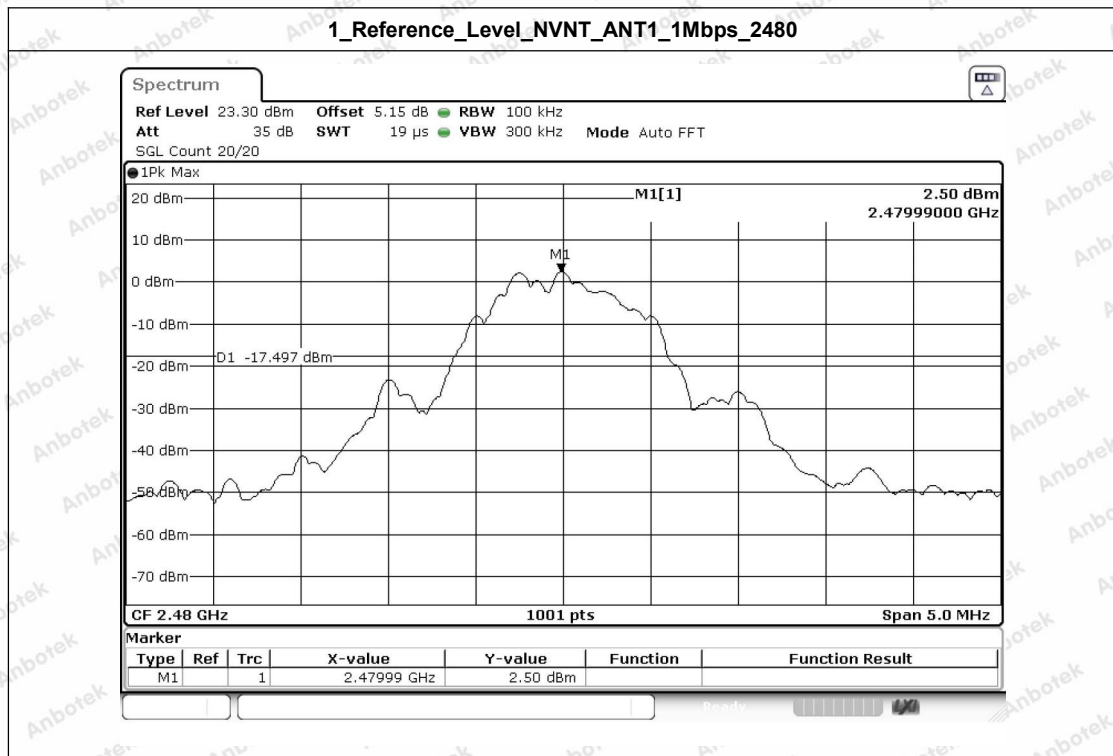


2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



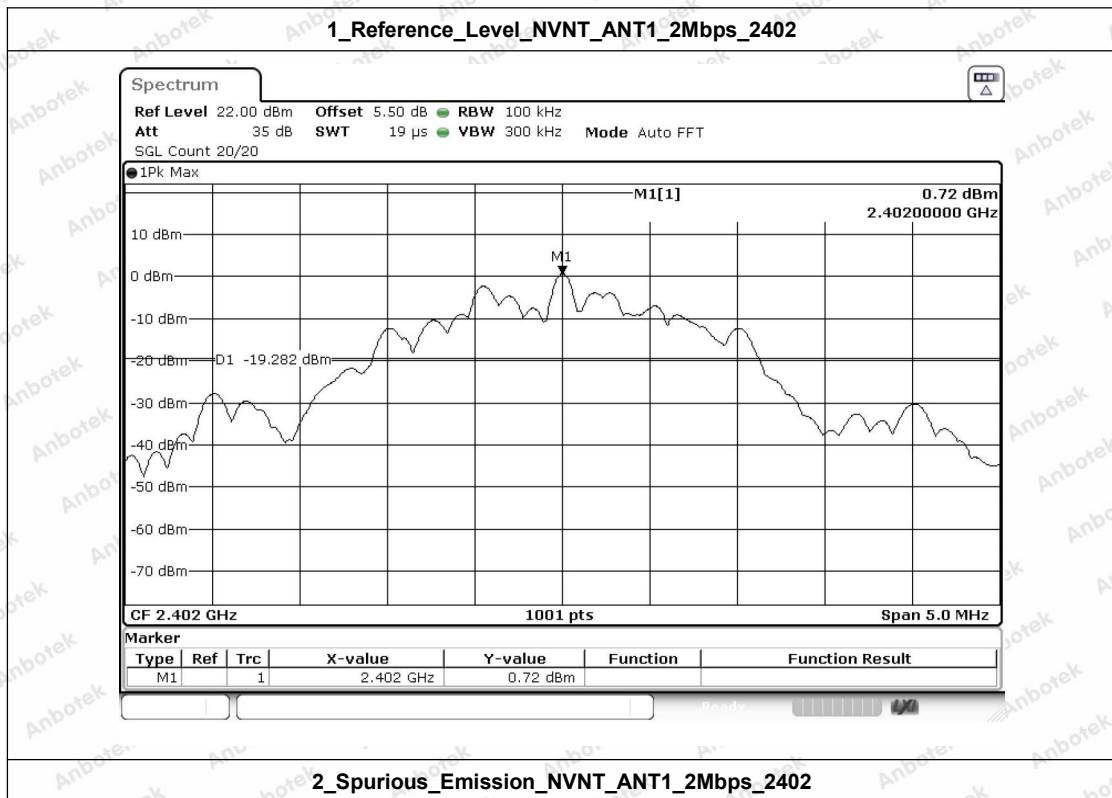
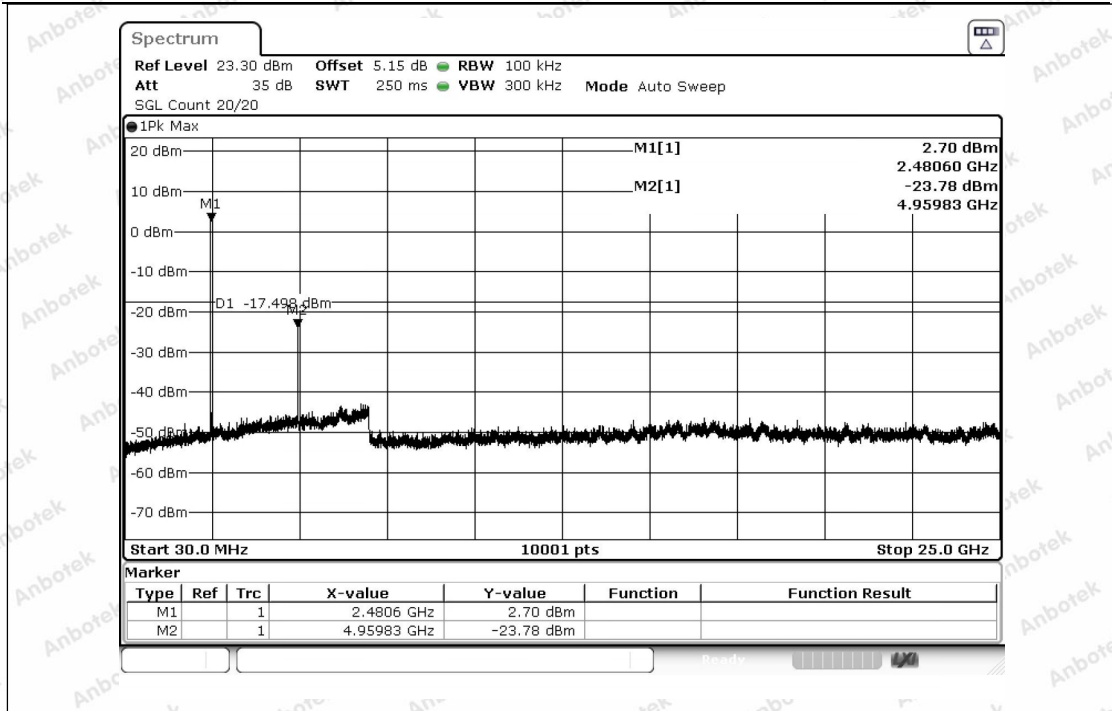


1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480





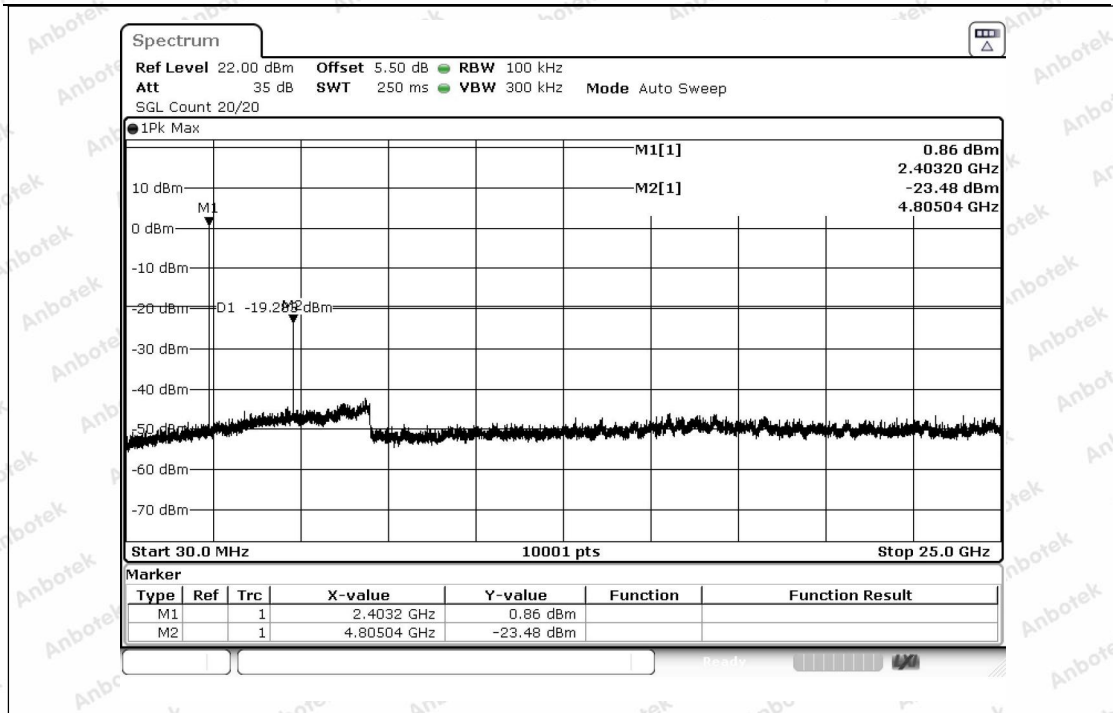
2_Spurious_Emission_NVNT_ANT1_2Mbps_2402

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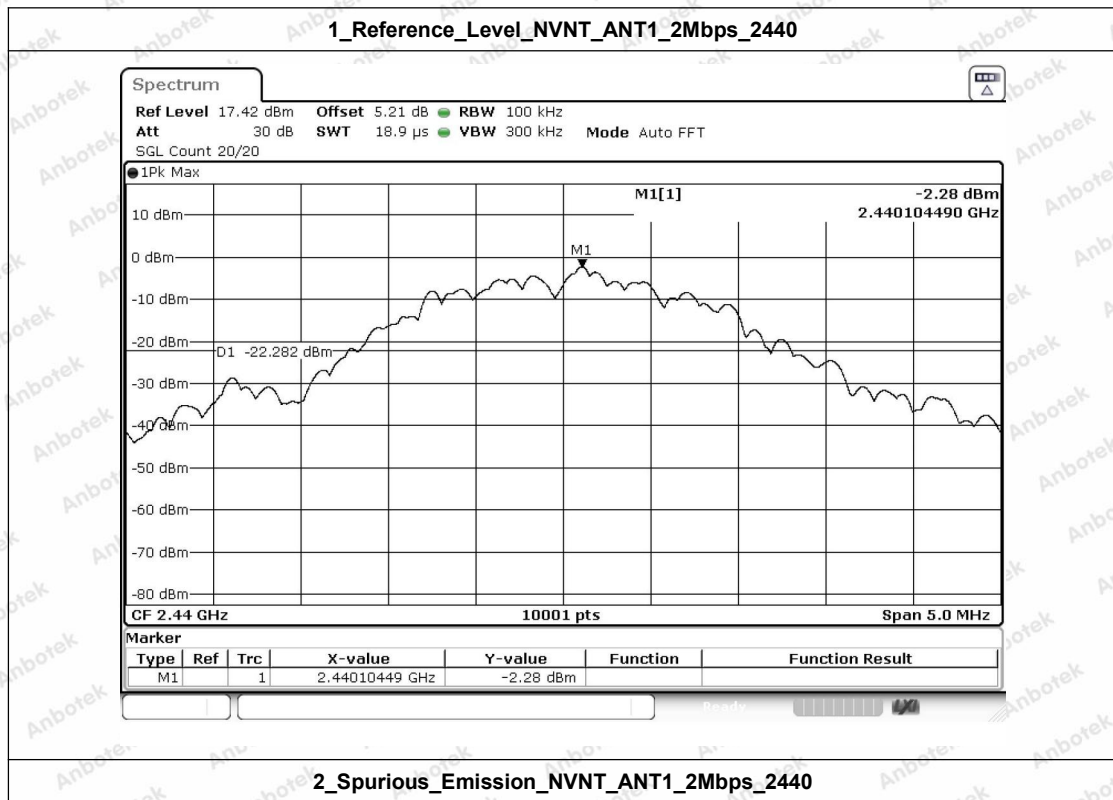
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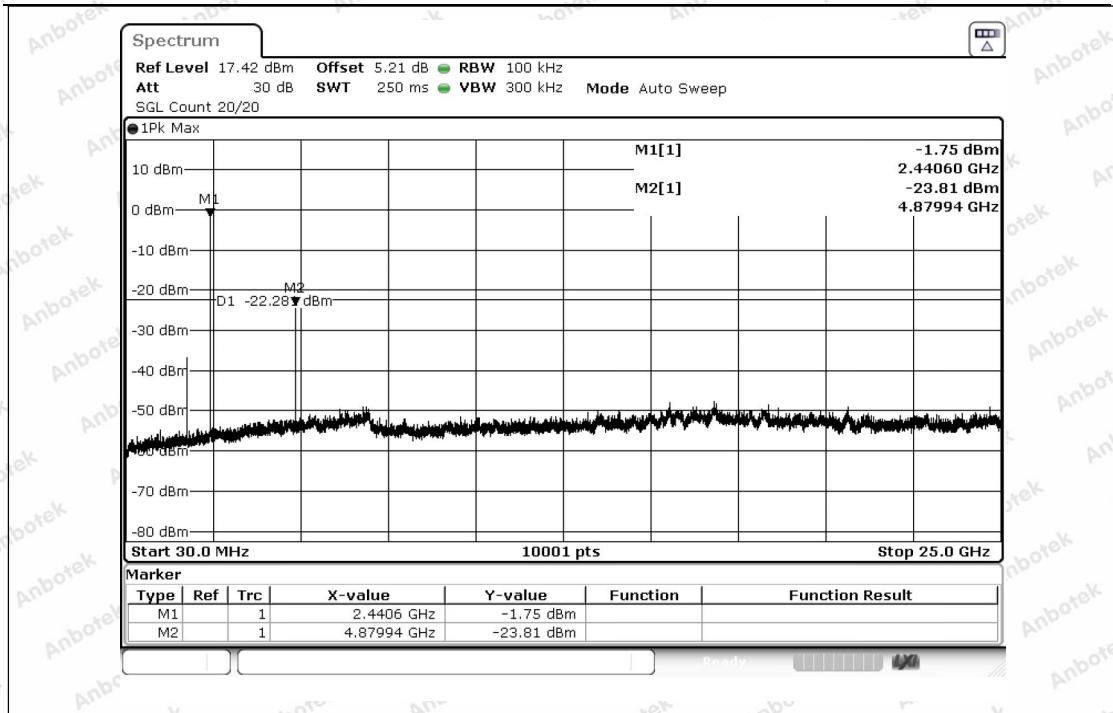


1_Reference_Level_NVNT_ANT1_2Mbps_2440

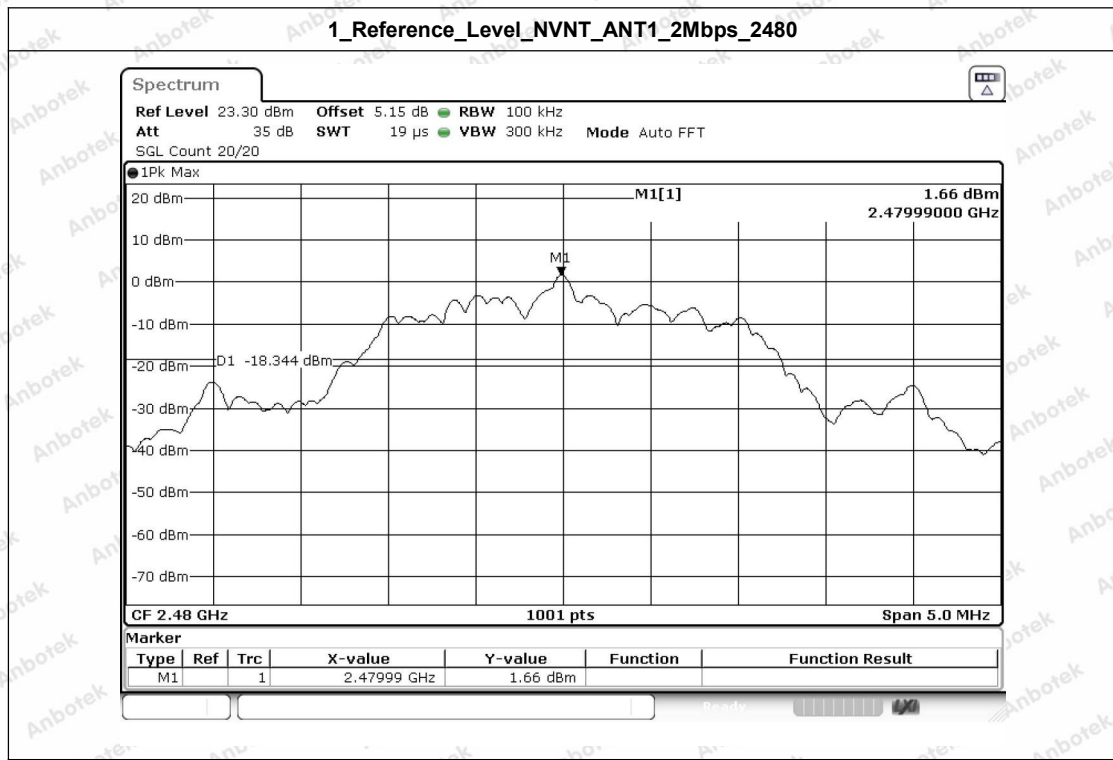


2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



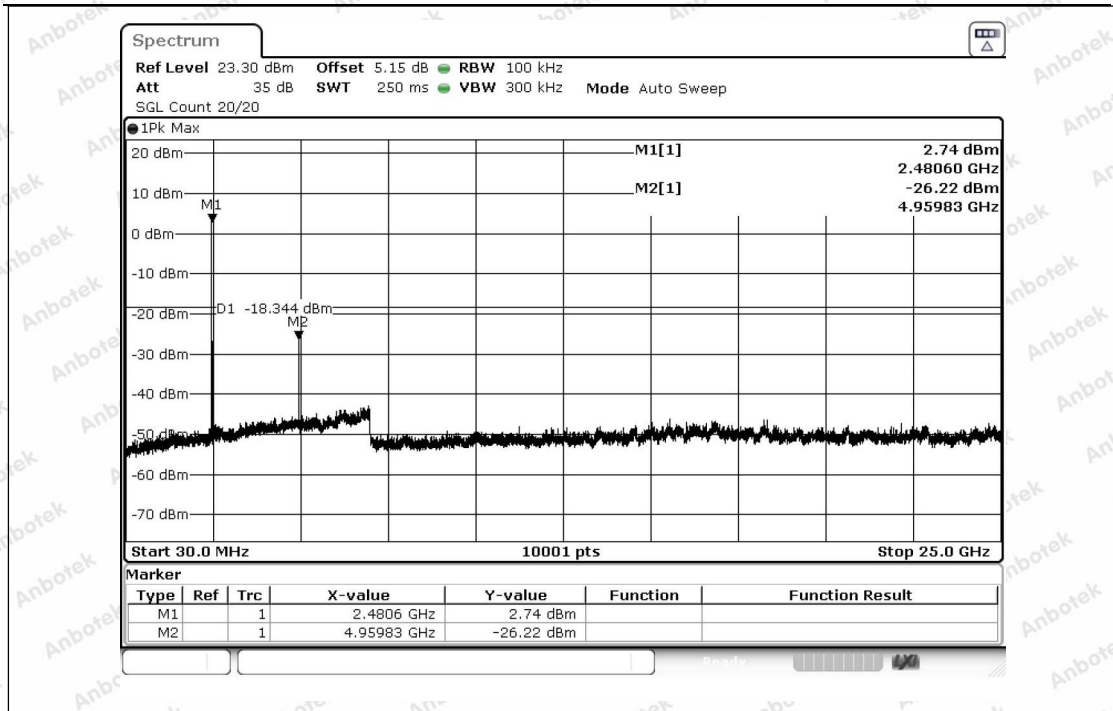


1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480





---End---

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