

Appendix Test Data

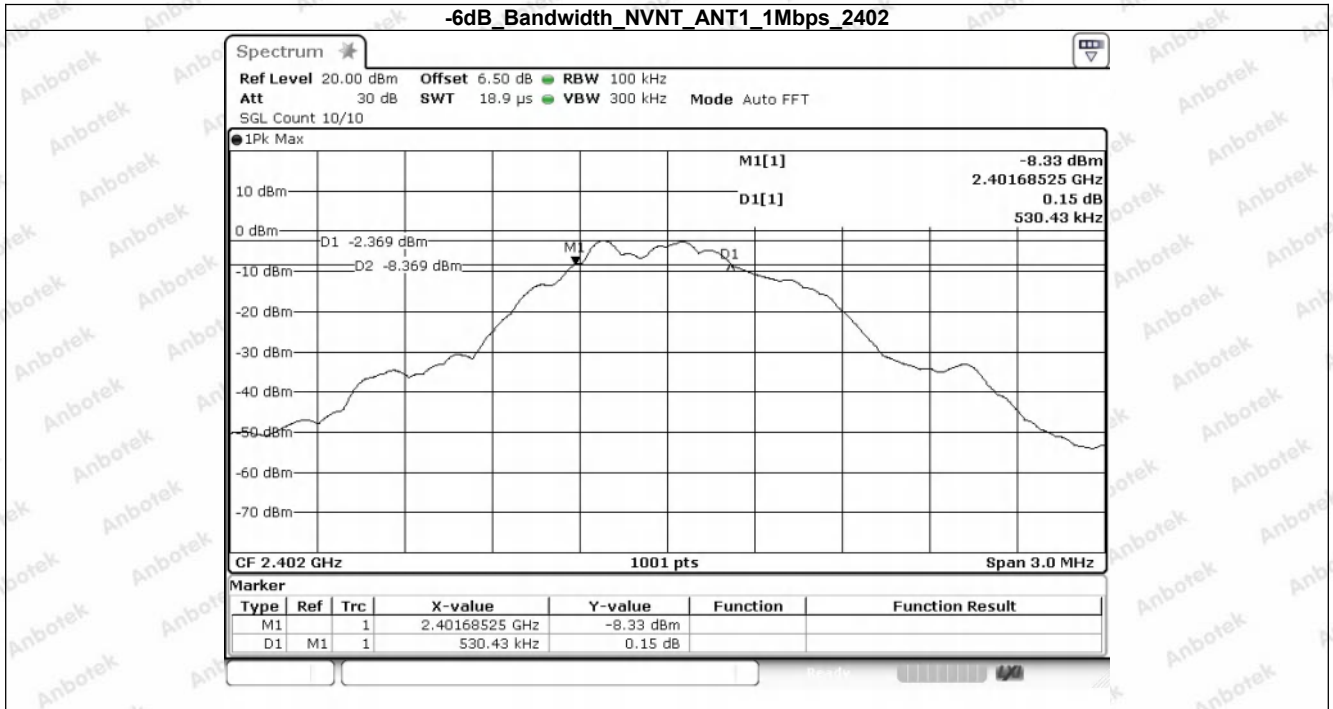
Report No.:	18220WC40047902	Test Sample No.:	1-2-2
Start Test Date:	2024.3.19	Finish Test Date:	2024.3.28
Test Engineer:	<i>Faker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: DTS Bandwidth

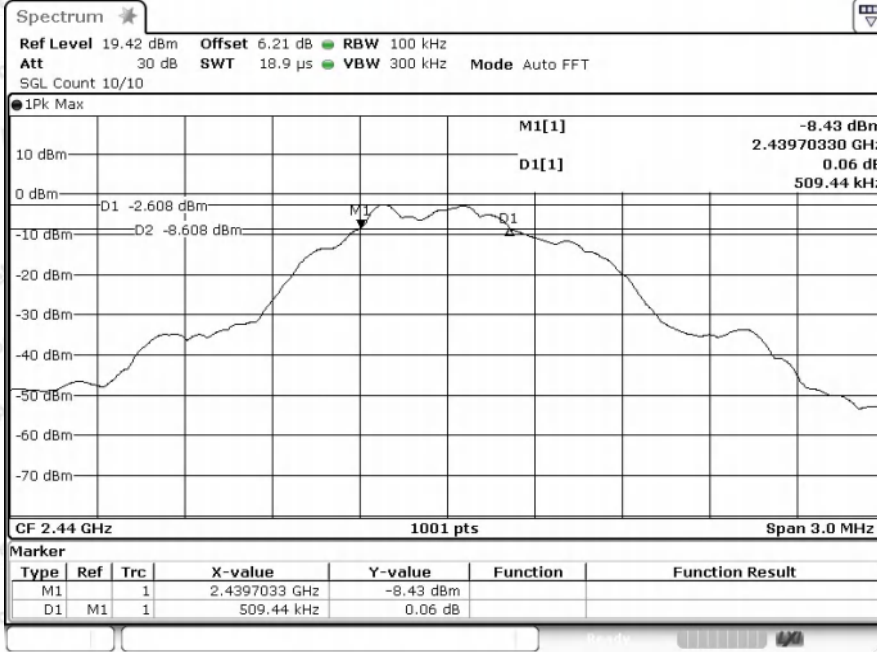
Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	530.43	500	Pass
NVNT	ANT1	1Mbps	2440.00	509.44	500	Pass
NVNT	ANT1	1Mbps	2480	512.51	500	Pass
NVNT	ANT1	2Mbps	2402	857.34	500	Pass
NVNT	ANT1	2Mbps	2440.00	848.13	500	Pass
NVNT	ANT1	2Mbps	2480	839.17	500	Pass

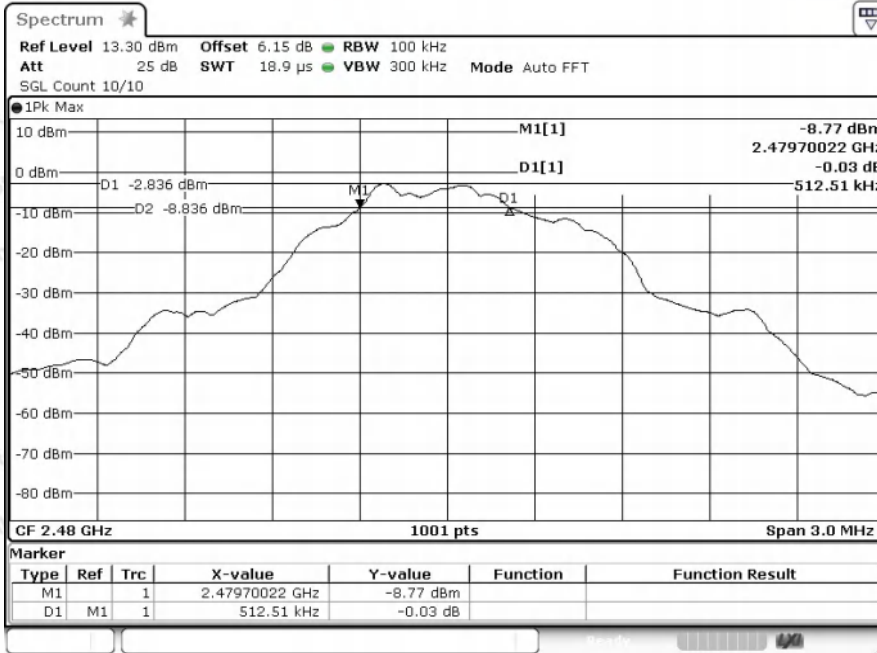
Test Graphs



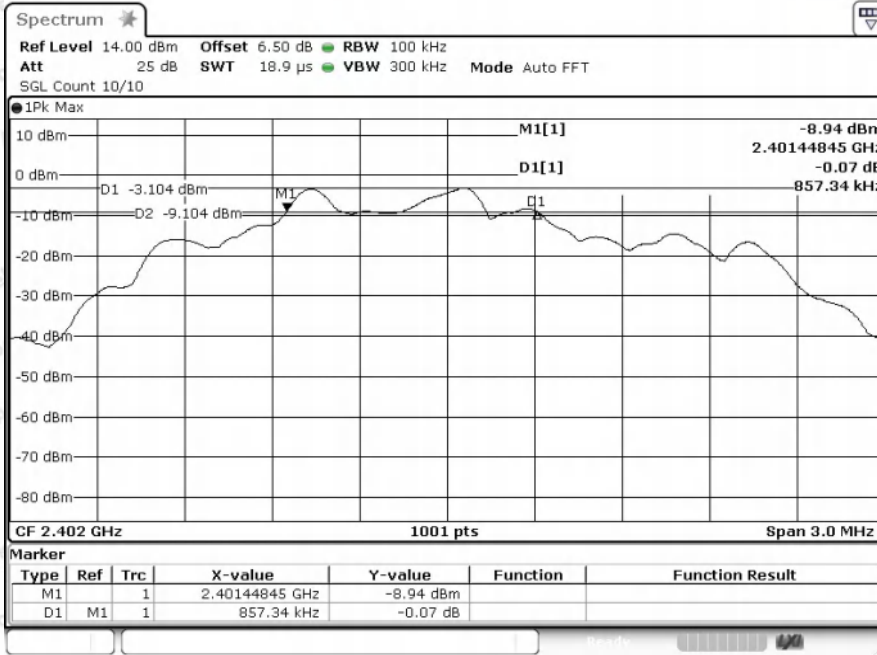
-6dB Bandwidth NVNT_ANT1_1Mbps_2440



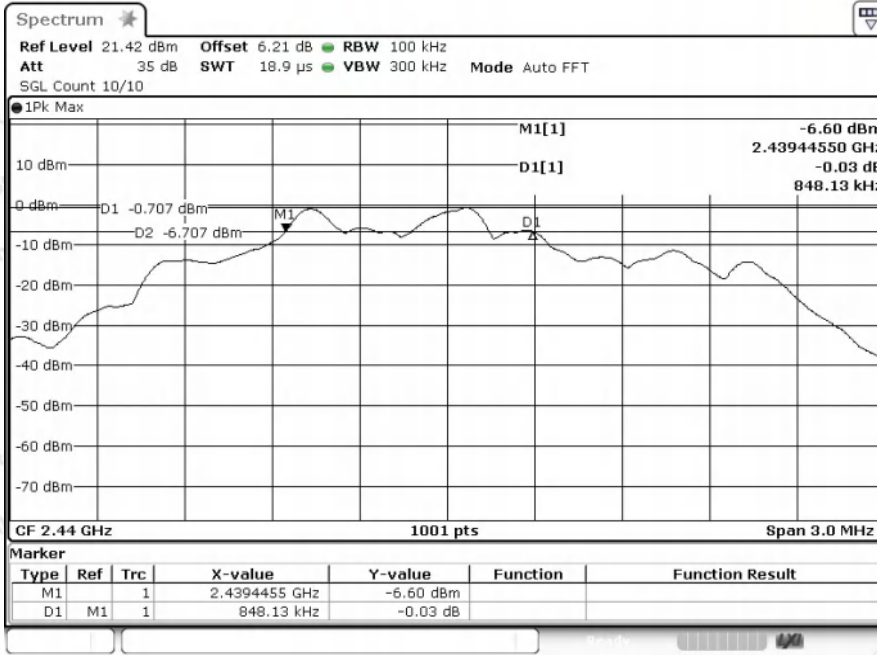
-6dB Bandwidth NVNT_ANT1_1Mbps_2480



-6dB Bandwidth NVNT_ANT1_2Mbps_2402



-6dB Bandwidth NVNT_ANT1_2Mbps_2440



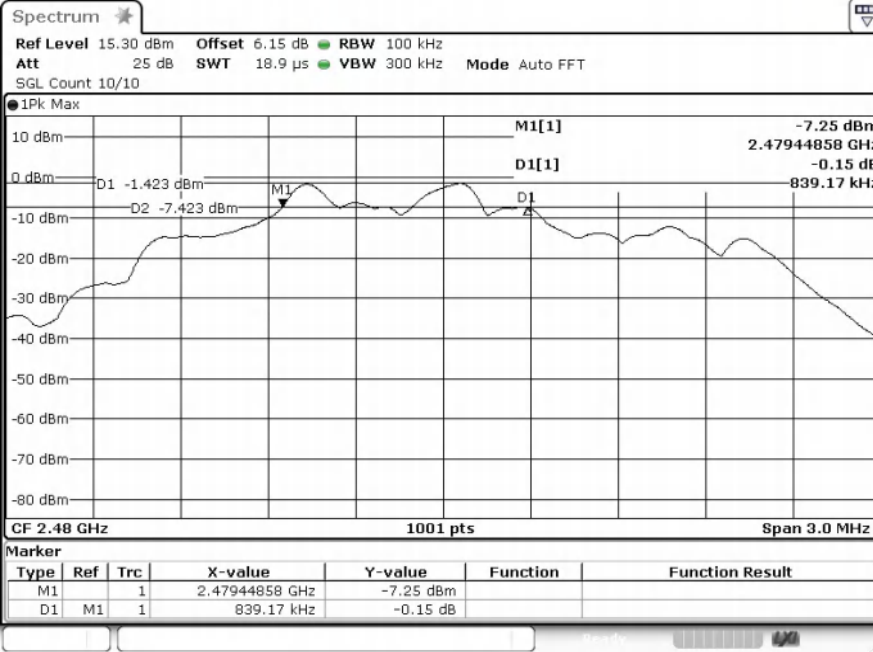
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-6dB Bandwidth NVNT_ANT1_2Mbps_2480



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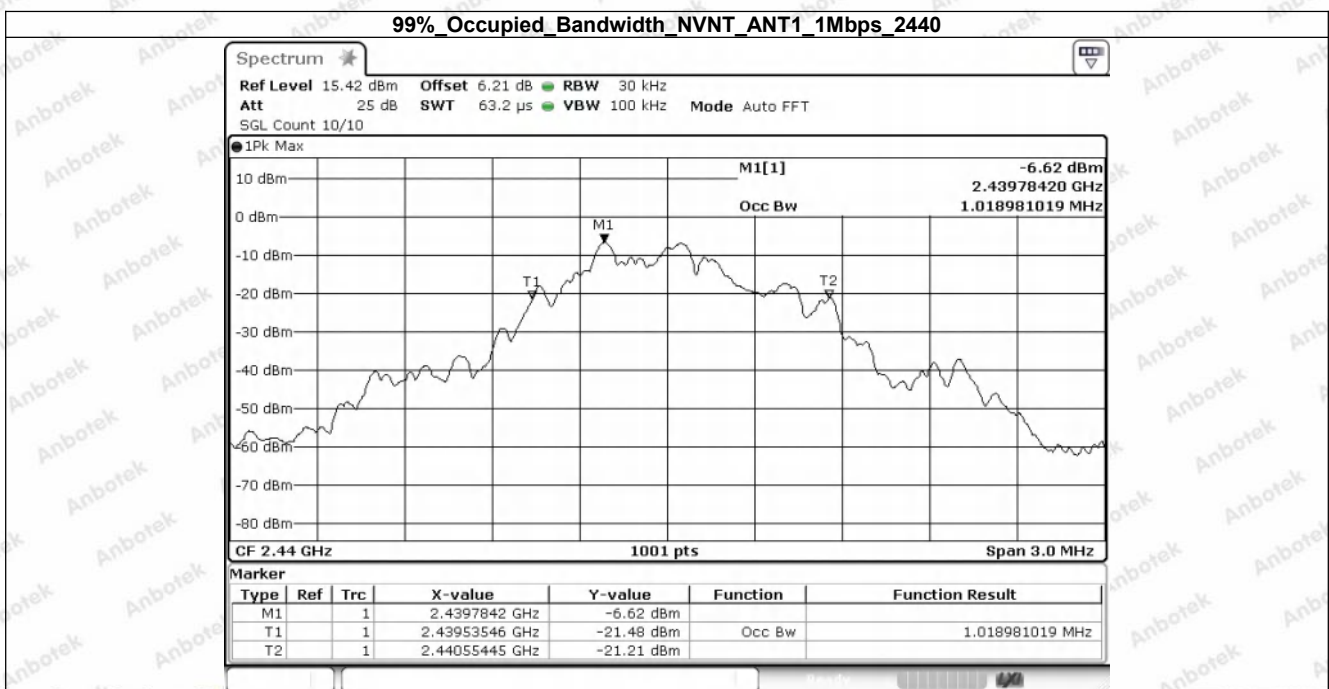
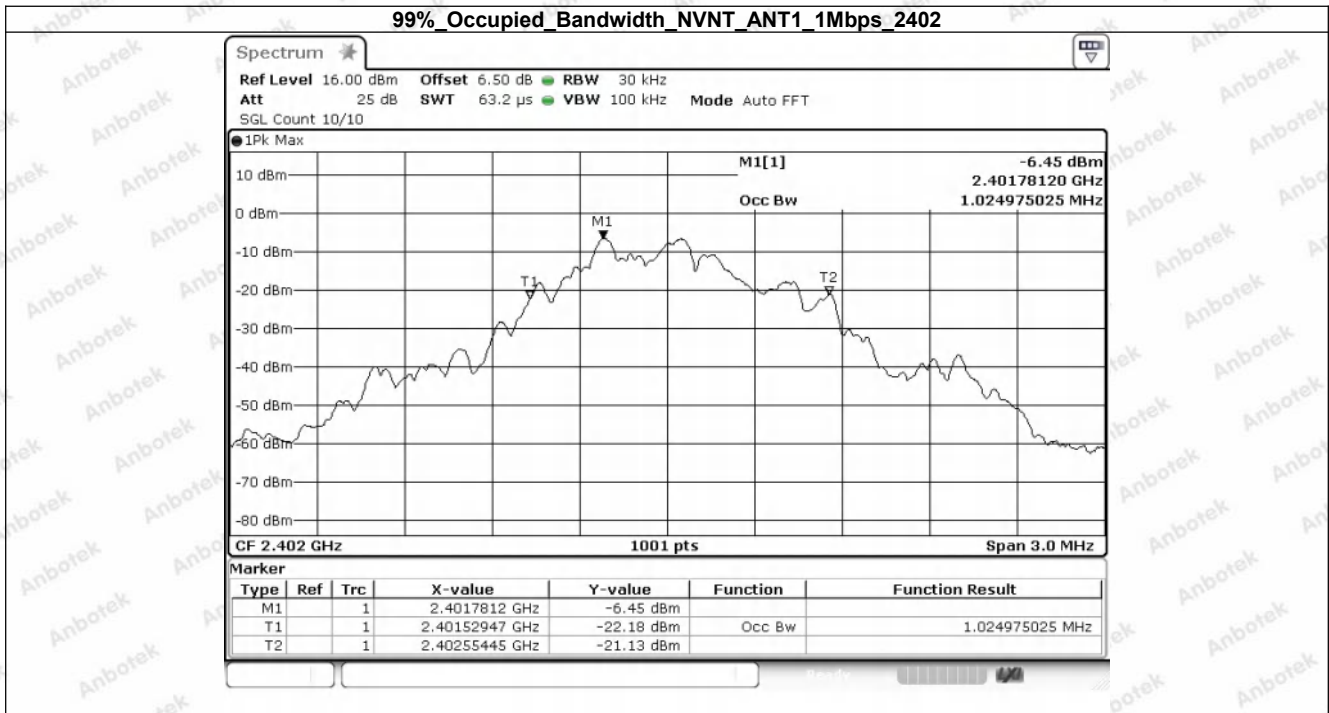


Appendix B: Occupied Channel Bandwidth

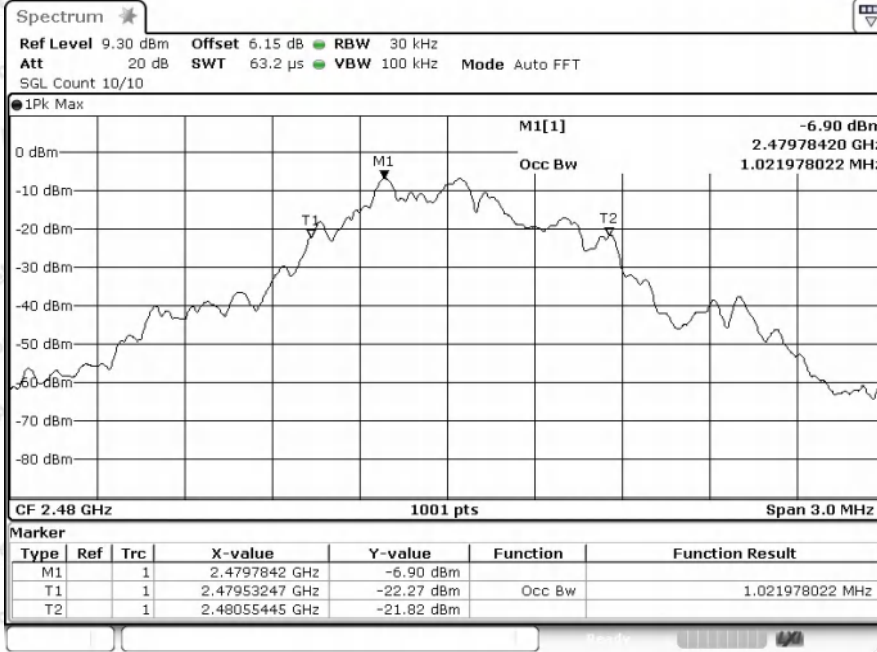
Test Result

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.025
NVNT	ANT1	1Mbps	2440.00	1.019
NVNT	ANT1	1Mbps	2480	1.022
NVNT	ANT1	2Mbps	2402	2.026
NVNT	ANT1	2Mbps	2440.00	2.023
NVNT	ANT1	2Mbps	2480	2.026

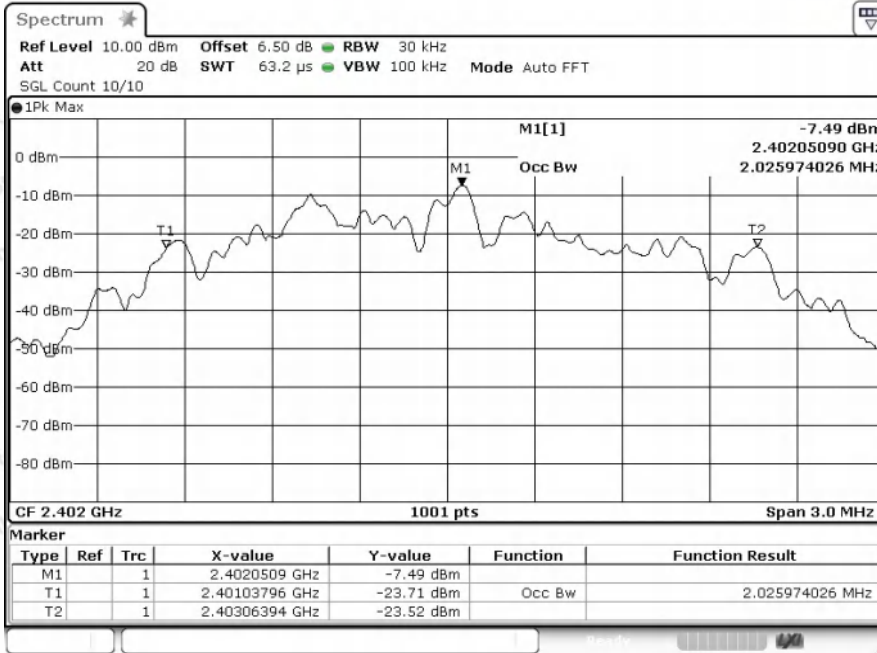
Test Graphs



99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480



99% Occupied Bandwidth NVNT_ANT1_2Mbps_2402



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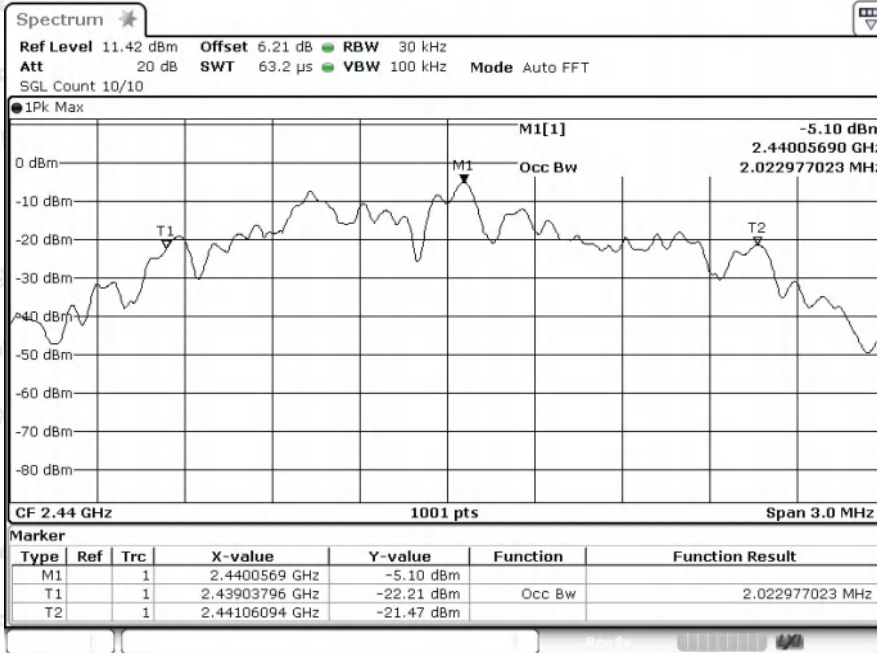
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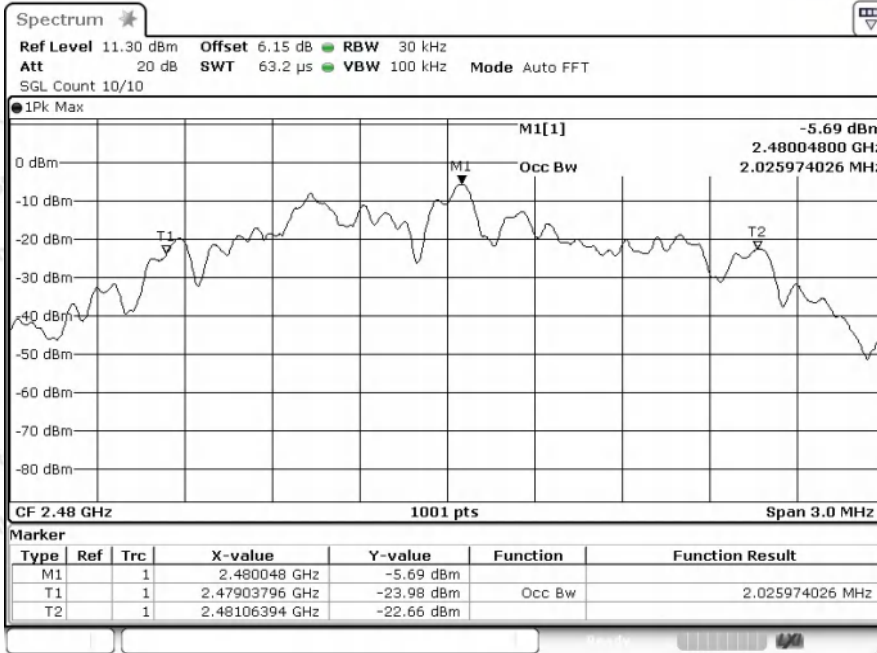
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99% Occupied Bandwidth NVNT_ANT1_2Mbps_2440



99% Occupied Bandwidth NVNT_ANT1_2Mbps_2480



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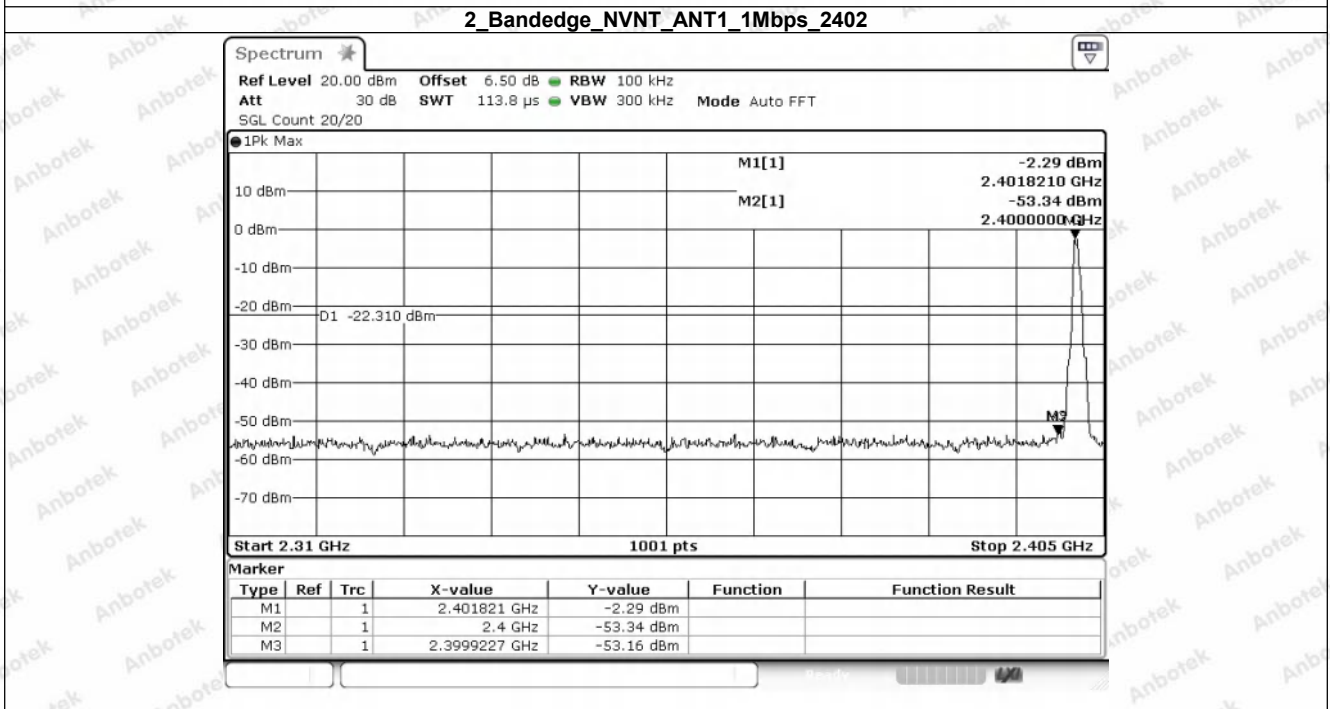
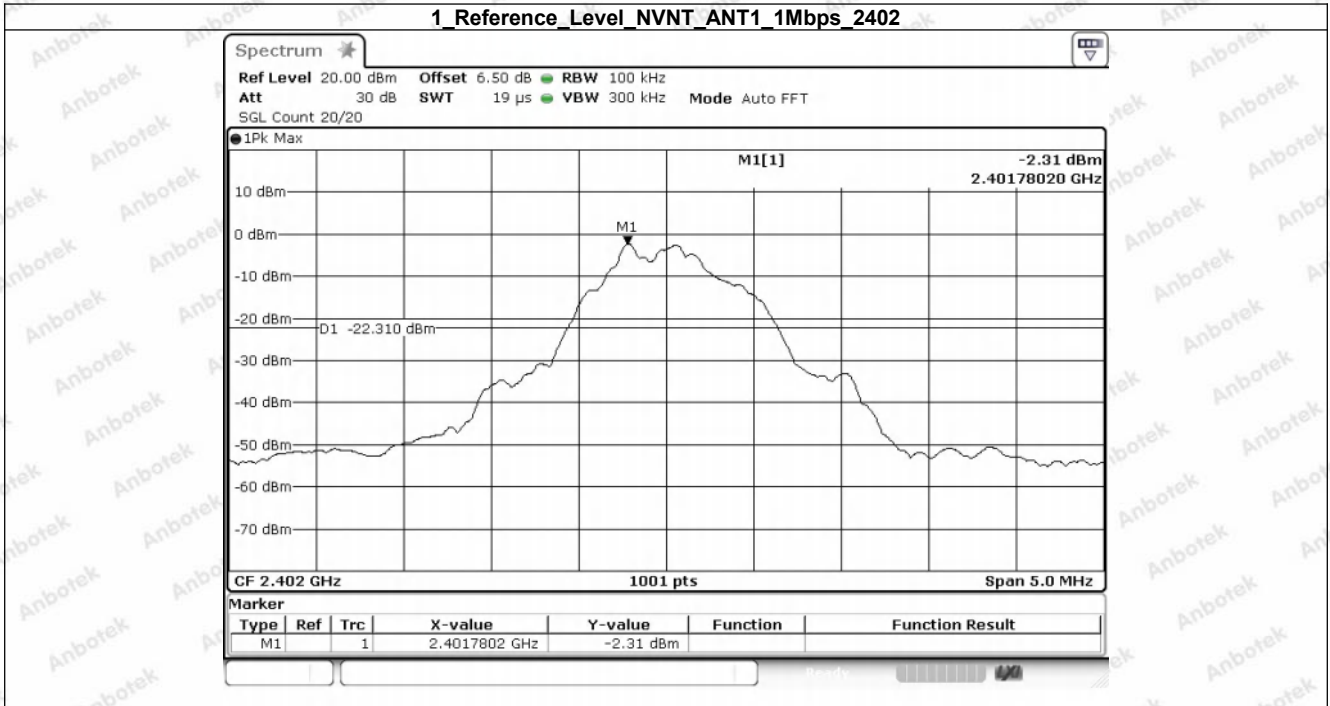


Appendix C: Band edge measurements

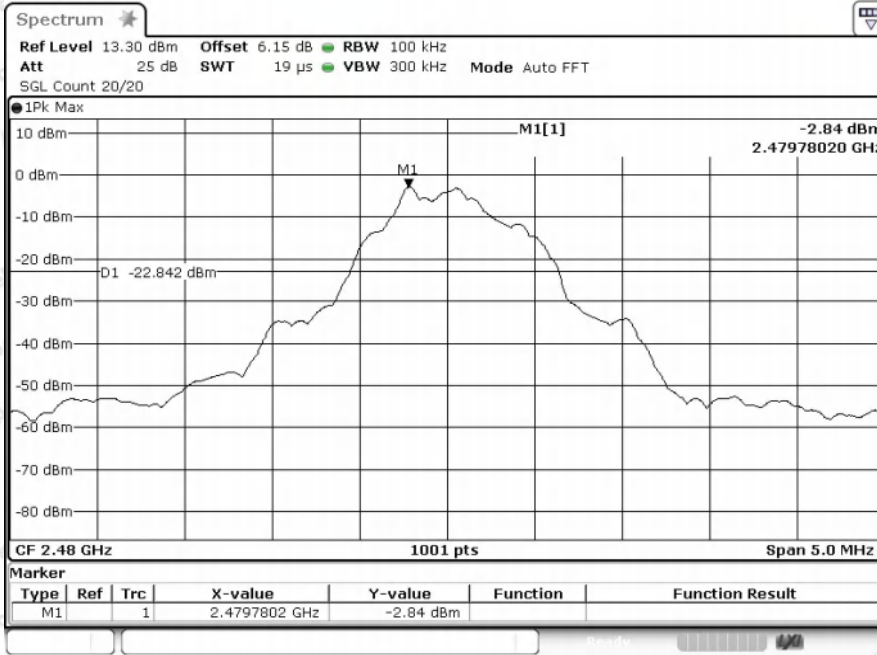
Test Result

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-53.157	-22.310	Pass
NVNT	ANT1	1Mbps	2480	2483.554	-57.287	-22.842	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-38.004	-23.126	Pass
NVNT	ANT1	2Mbps	2480	2485.502	-50.525	-21.448	Pass

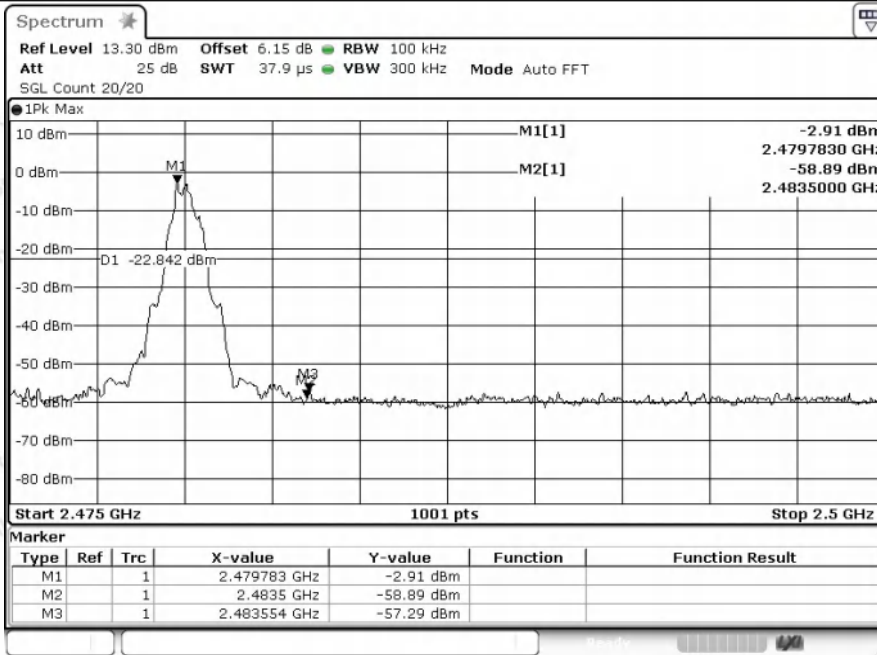
Test Graphs



1 Reference_Level_NVNT_ANT1_1Mbps_2480



2 Bandedge_NVNT_ANT1_1Mbps_2480



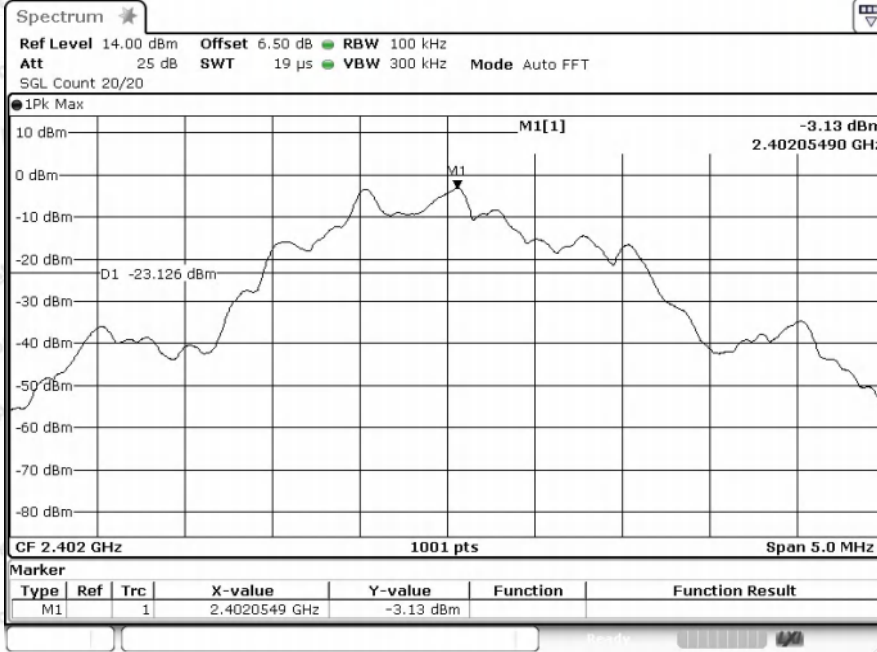
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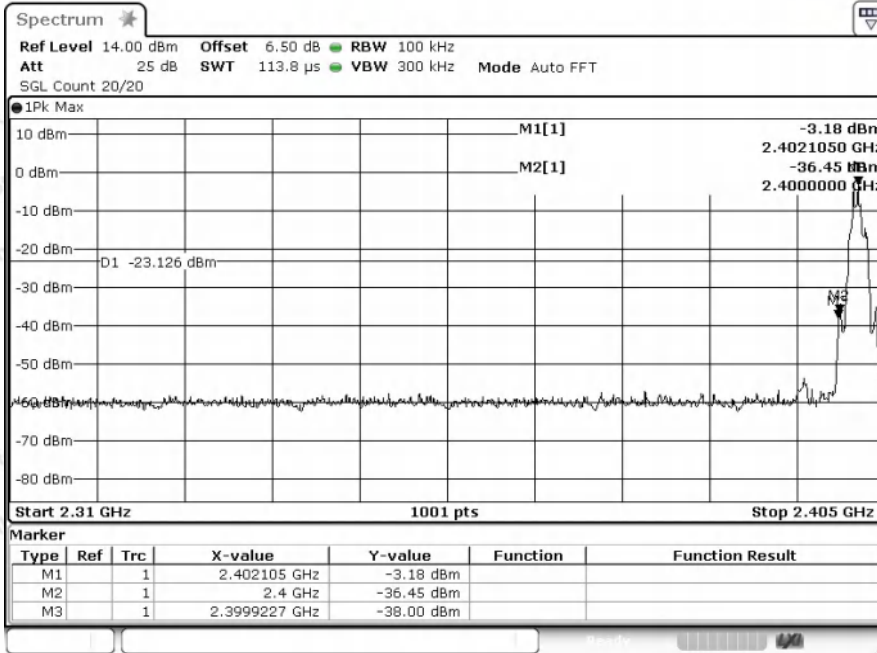
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1 Reference_Level_NVNT_ANT1_2Mbps_2402



2 Bandedge_NVNT_ANT1_2Mbps_2402



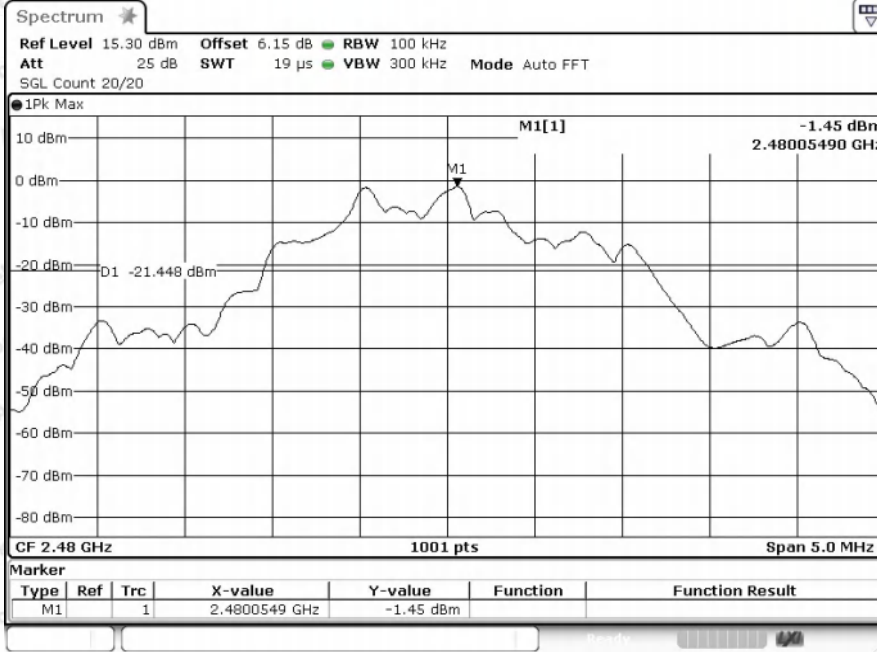
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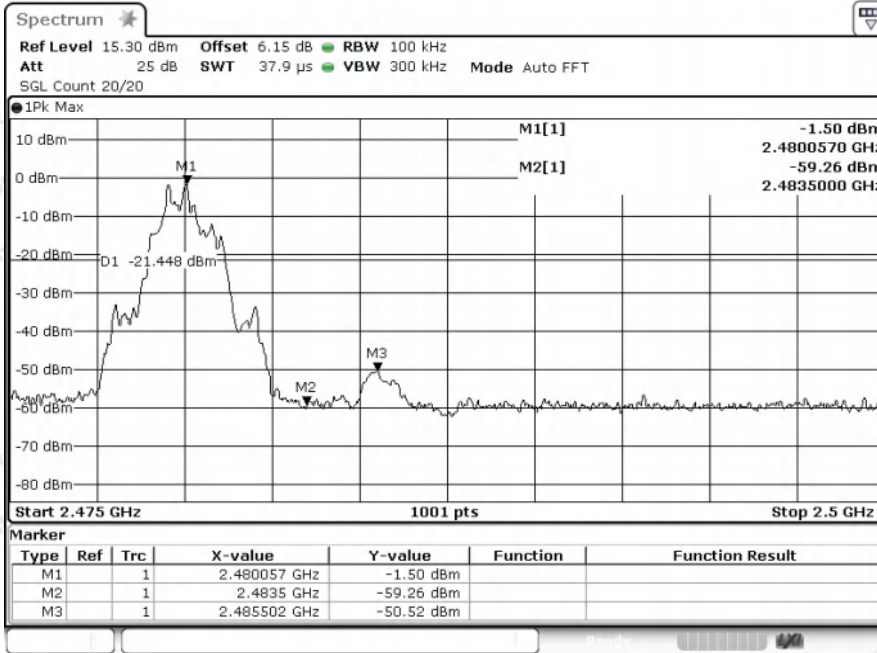
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1 Reference_Level_NVNT_ANT1_2Mbps_2480



2 Bandedge_NVNT_ANT1_2Mbps_2480



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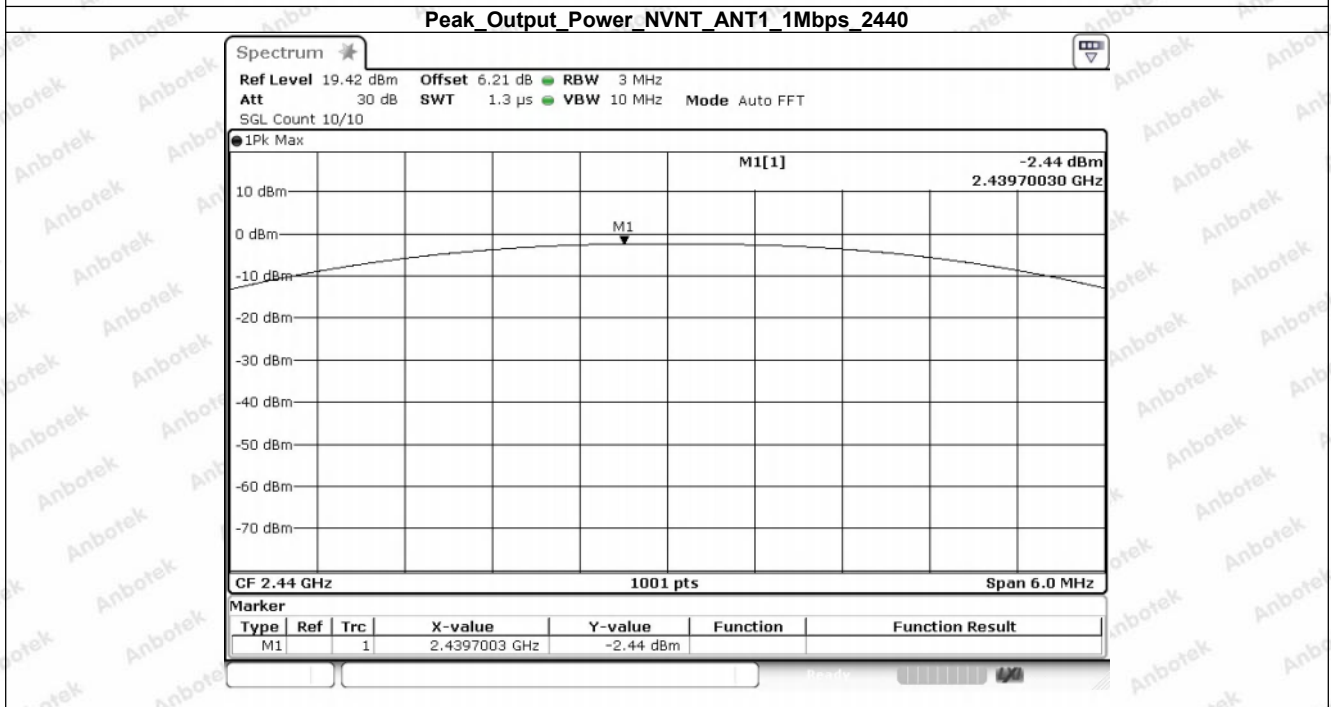
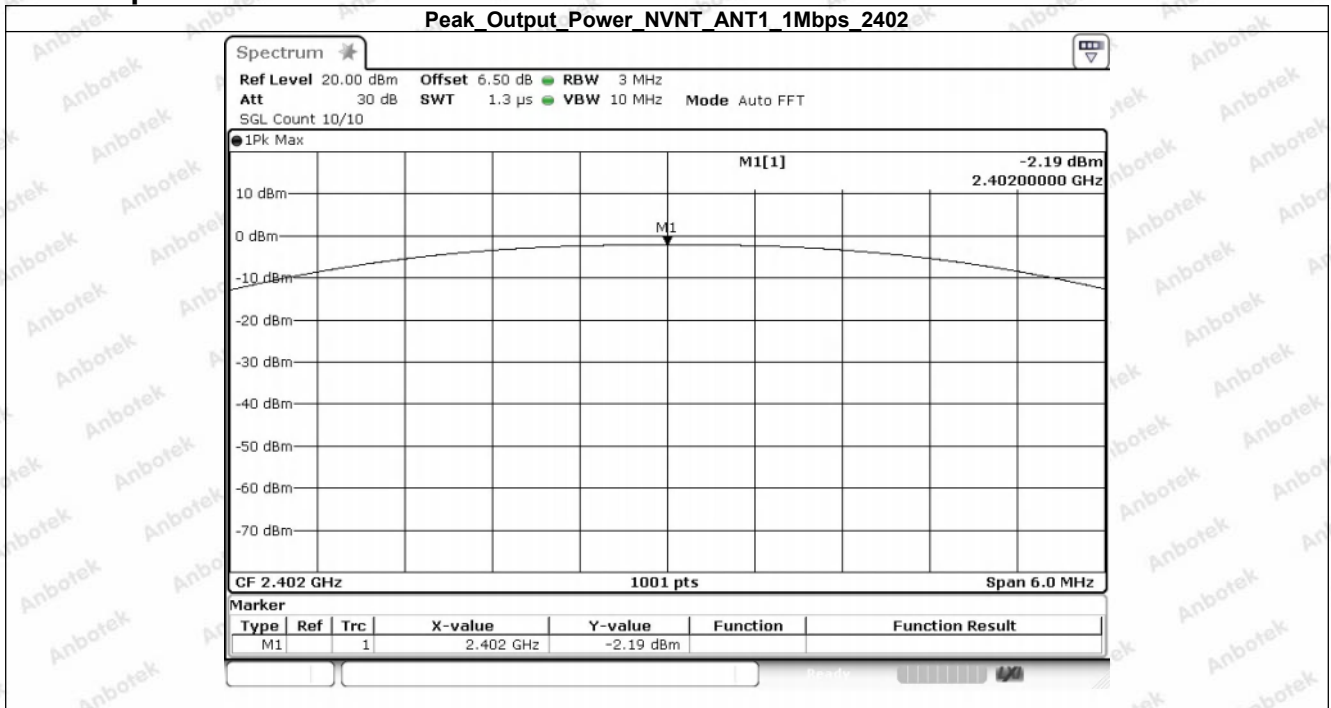


Appendix D: Maximum conducted output power

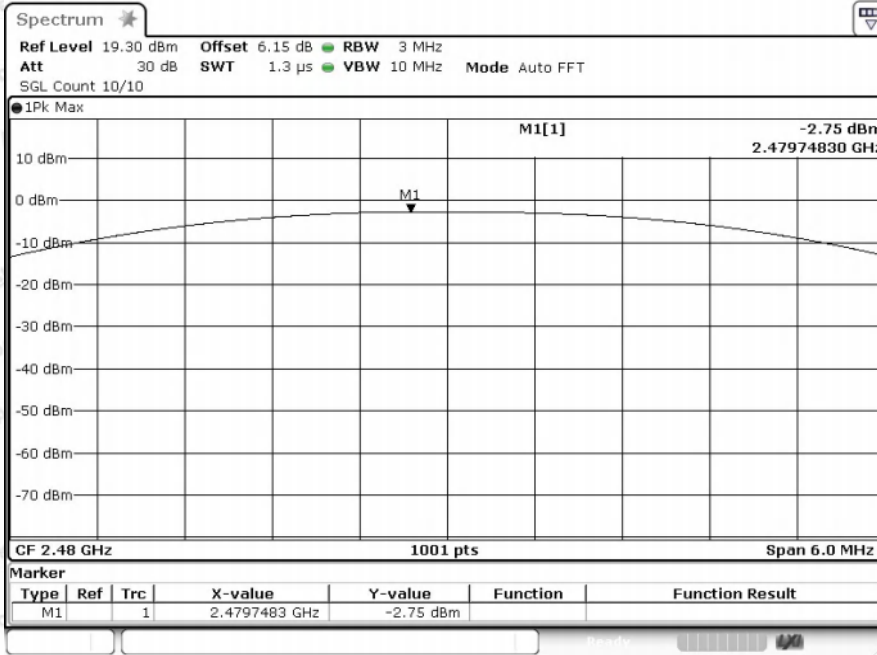
Test Result

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	-2.19	0.60	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-2.44	0.57	1000	Pass
NVNT	ANT1	1Mbps	2480	-2.75	0.53	1000	Pass
NVNT	ANT1	2Mbps	2402	-2.72	0.53	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-0.21	0.95	1000	Pass
NVNT	ANT1	2Mbps	2480	-0.93	0.81	1000	Pass

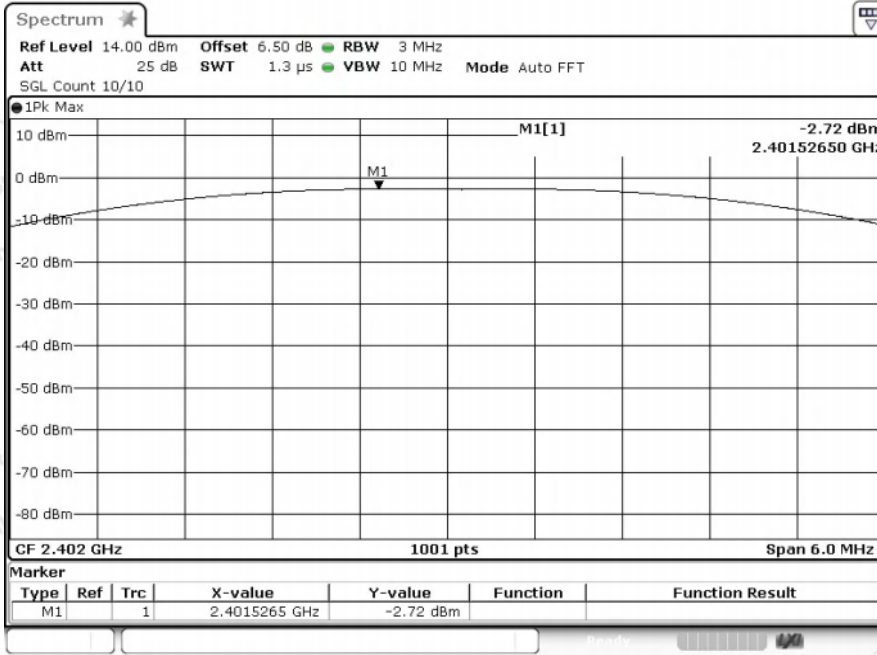
Test Graphs



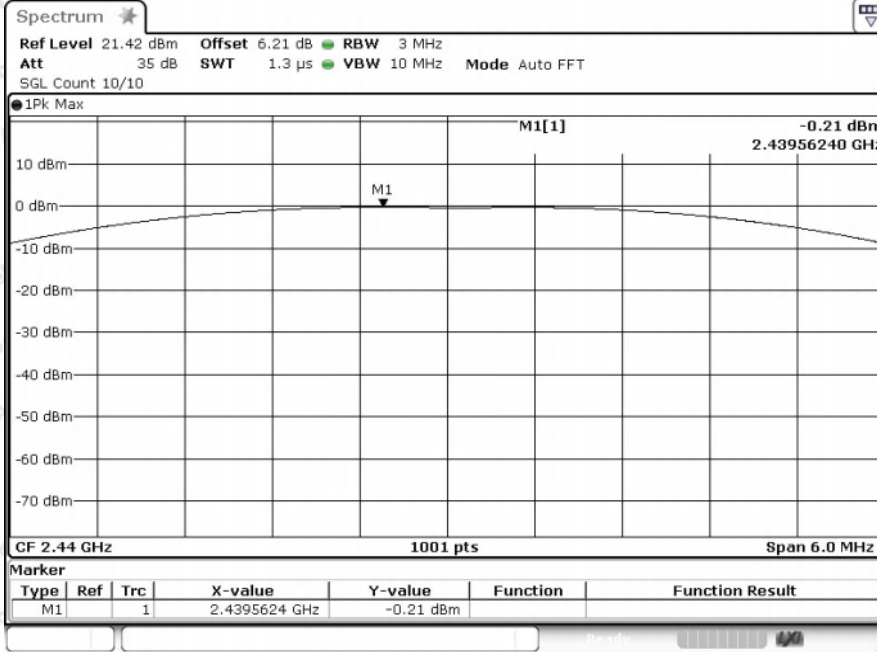
Peak Output Power_NVNT_ANT1_1Mbps_2480



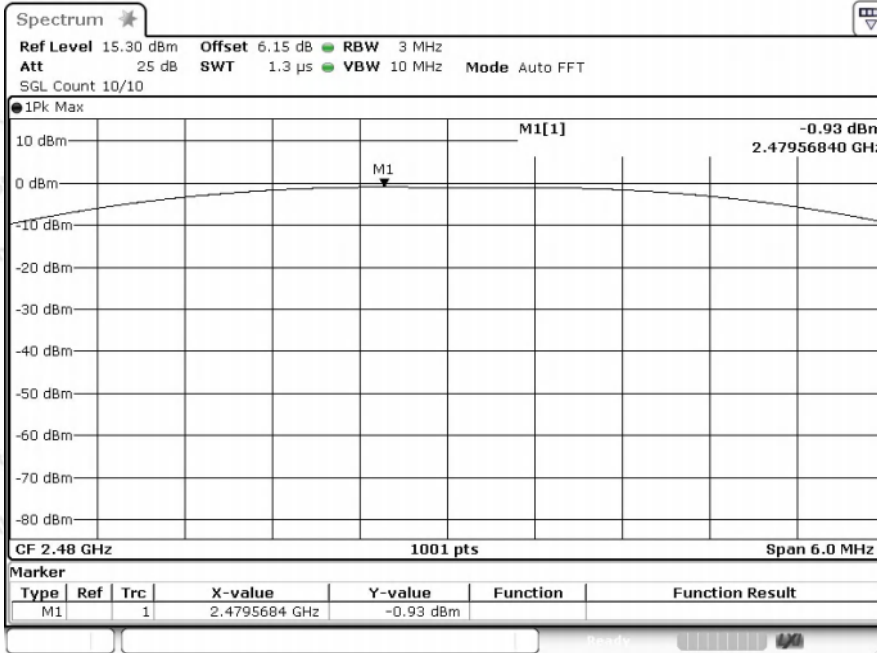
Peak Output Power_NVNT_ANT1_2Mbps_2402



Peak Output Power_NVNT_ANT1_2Mbps_2440



Peak Output Power_NVNT_ANT1_2Mbps_2480

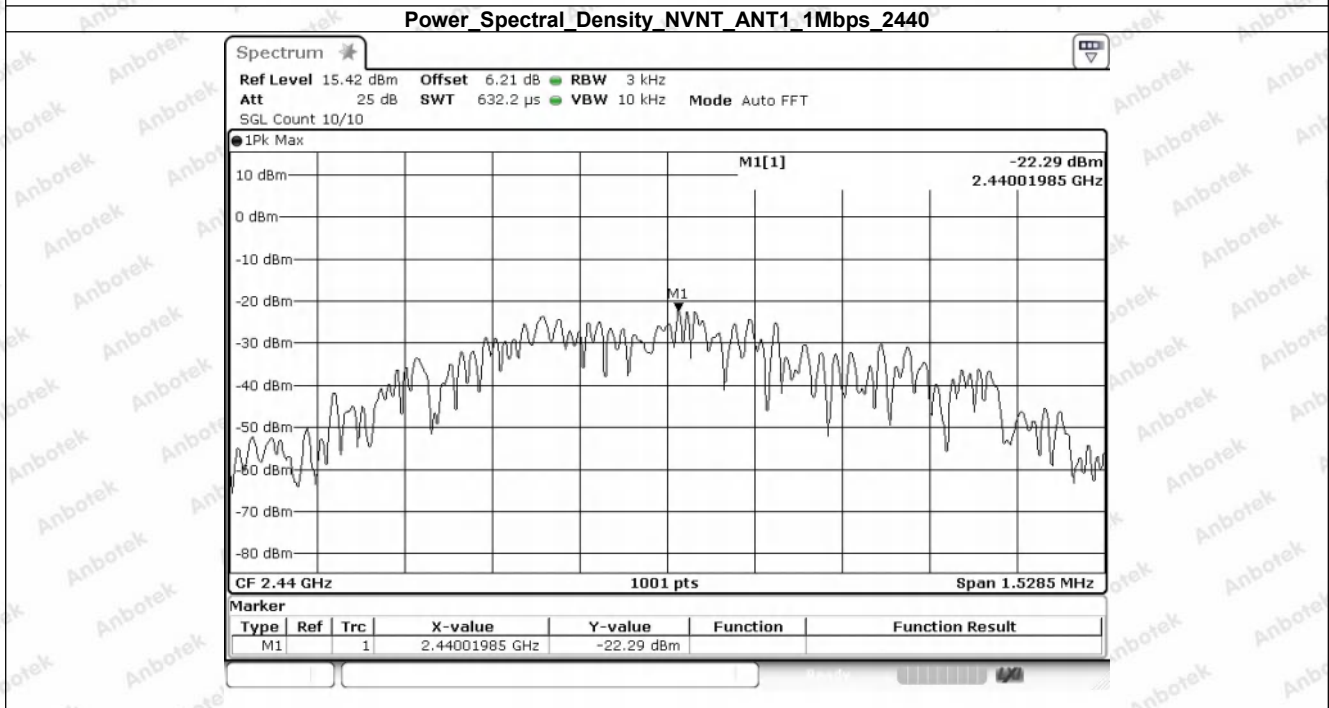
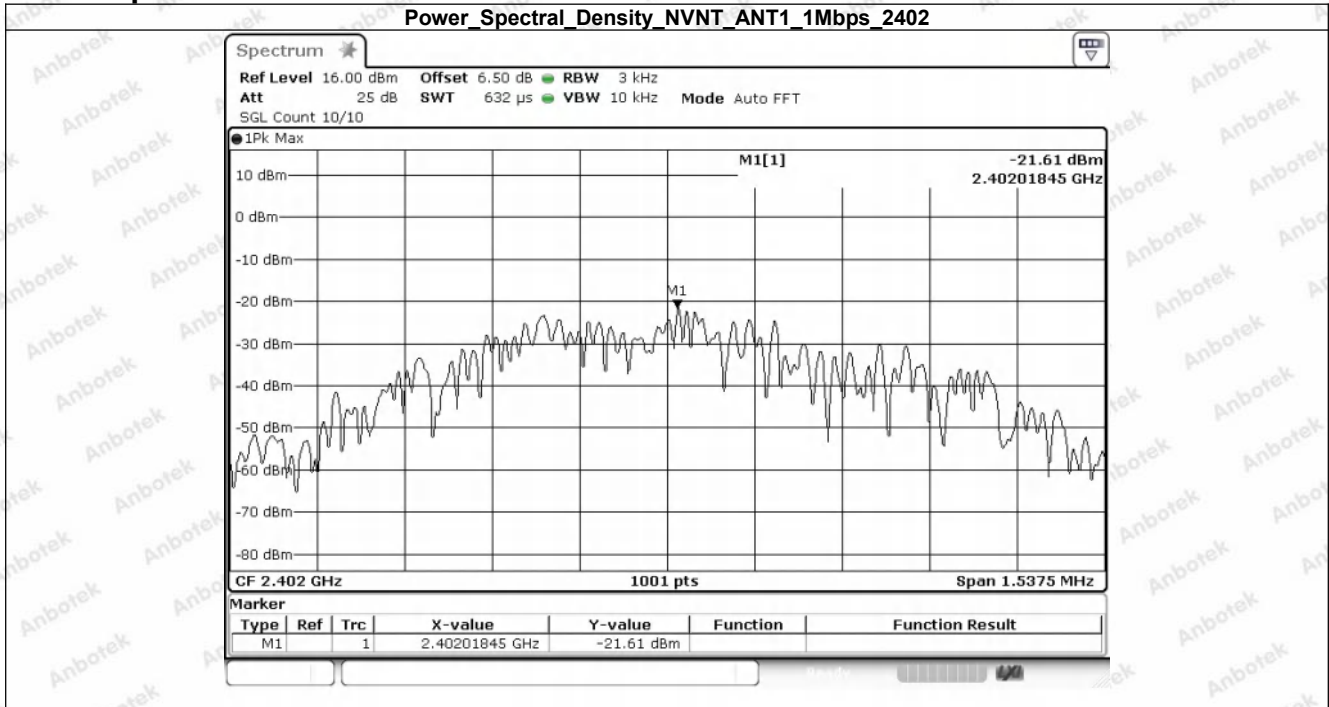


Appendix E: Maximum power spectral density

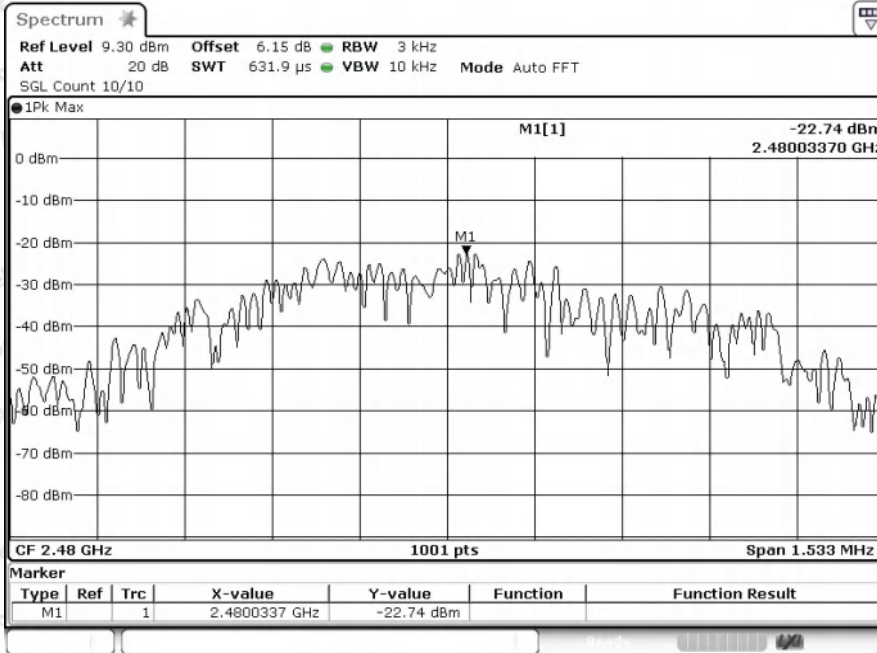
Test Result

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-21.61	8	Pass
NVNT	ANT1	1Mbps	2440.00	-22.29	8	Pass
NVNT	ANT1	1Mbps	2480	-22.74	8	Pass
NVNT	ANT1	2Mbps	2402	-24.00	8	Pass
NVNT	ANT1	2Mbps	2440.00	-21.54	8	Pass
NVNT	ANT1	2Mbps	2480	-22.46	8	Pass

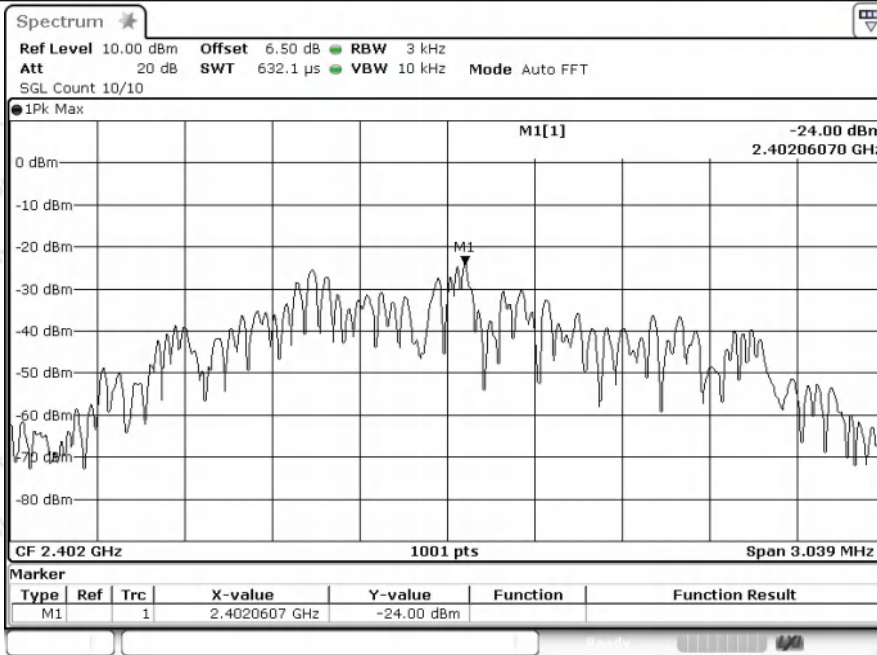
Test Graphs



Power Spectral Density_NVNT_ANT1_1Mbps_2480



Power Spectral Density_NVNT_ANT1_2Mbps_2402



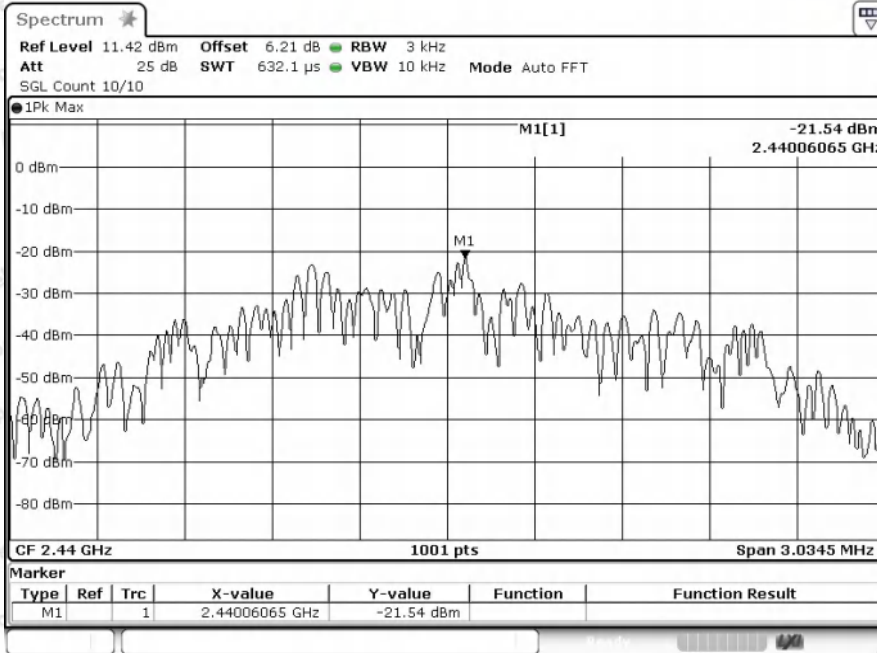
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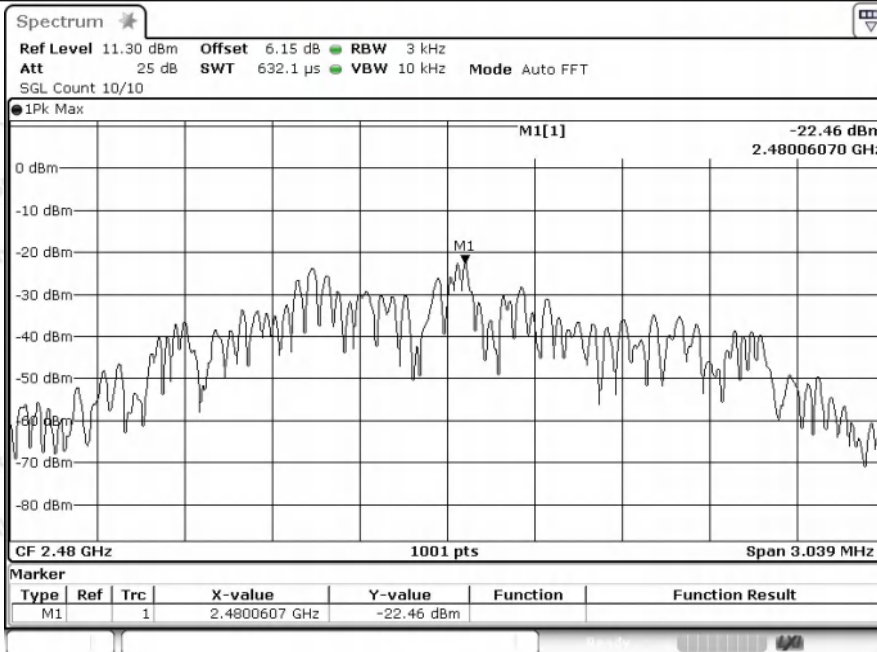
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Power Spectral Density_NVNT_ANT1_2Mbps_2440



Power Spectral Density_NVNT_ANT1_2Mbps_2480



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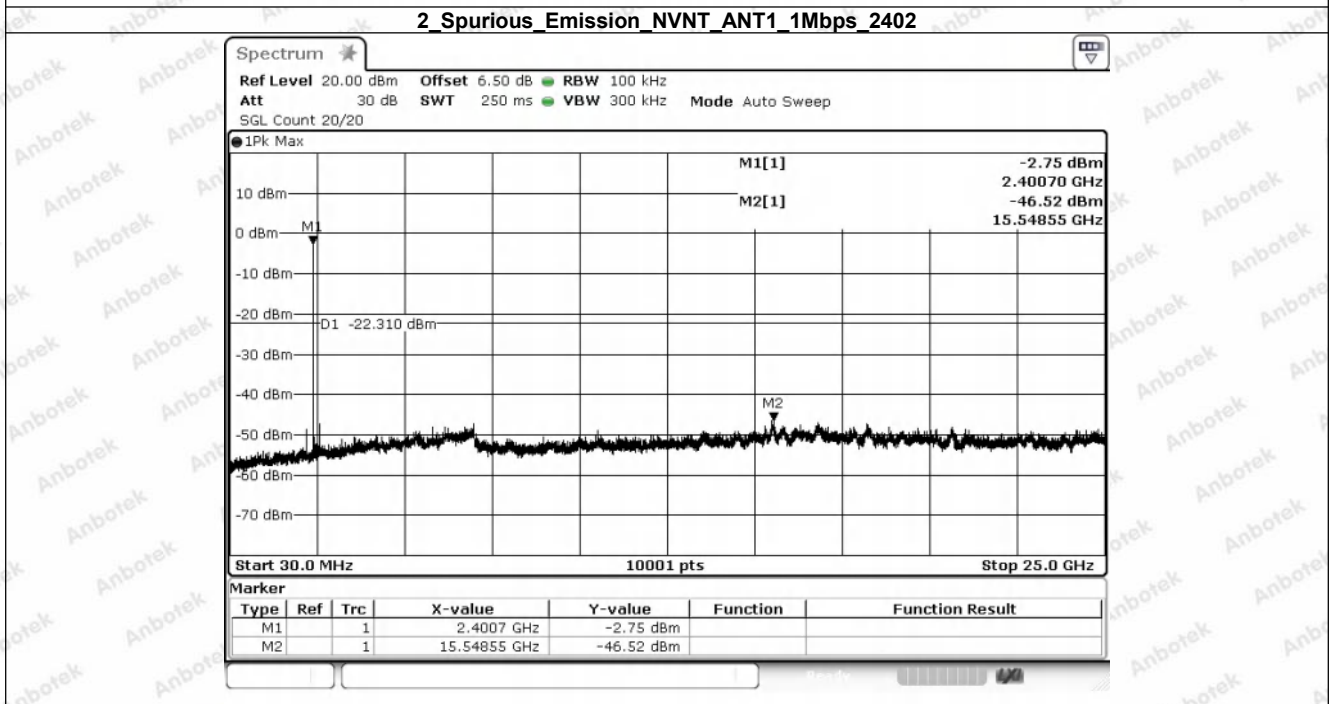
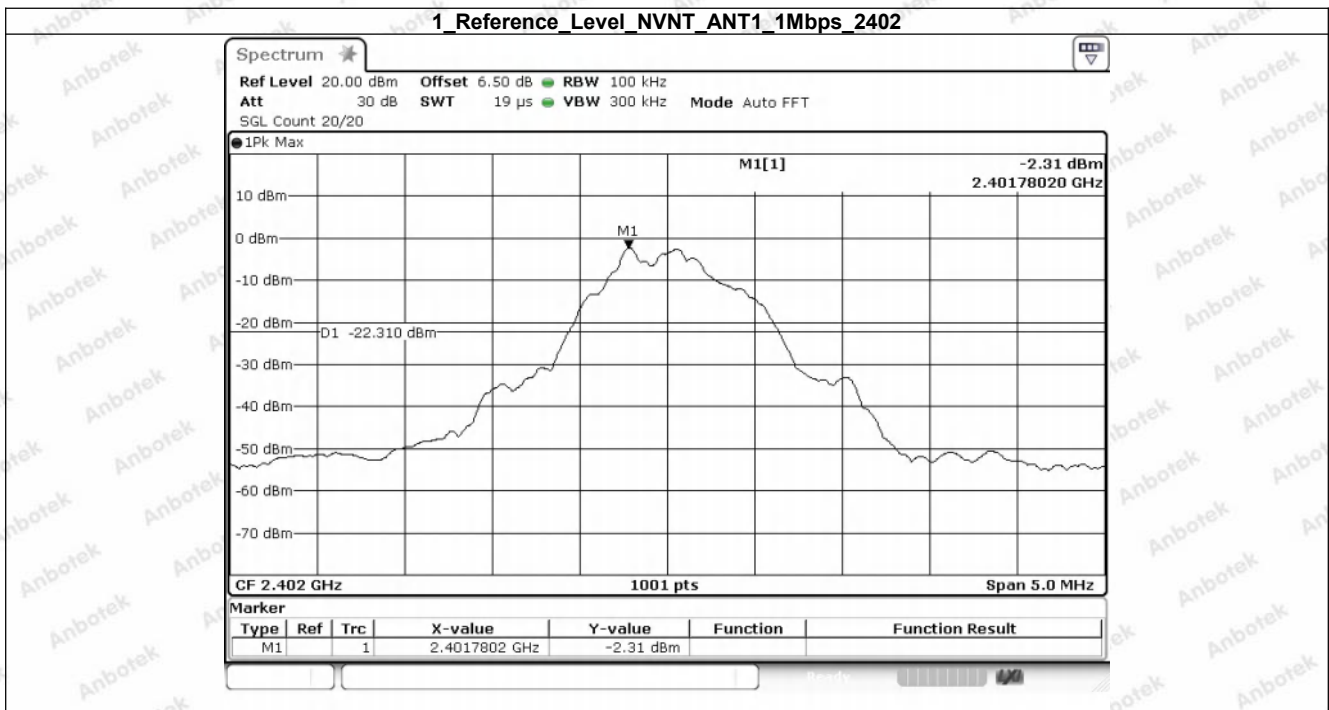


Appendix F: Conducted Spurious Emission

Test Result

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-46.518	-22.310	Pass
NVNT	ANT1	1Mbps	2440.00	-45.763	-22.619	Pass
NVNT	ANT1	1Mbps	2480	-47.437	-22.842	Pass
NVNT	ANT1	2Mbps	2402	-48.793	-23.126	Pass
NVNT	ANT1	2Mbps	2440.00	-42.042	-20.720	Pass
NVNT	ANT1	2Mbps	2480	-44.626	-21.448	Pass

Test Graphs



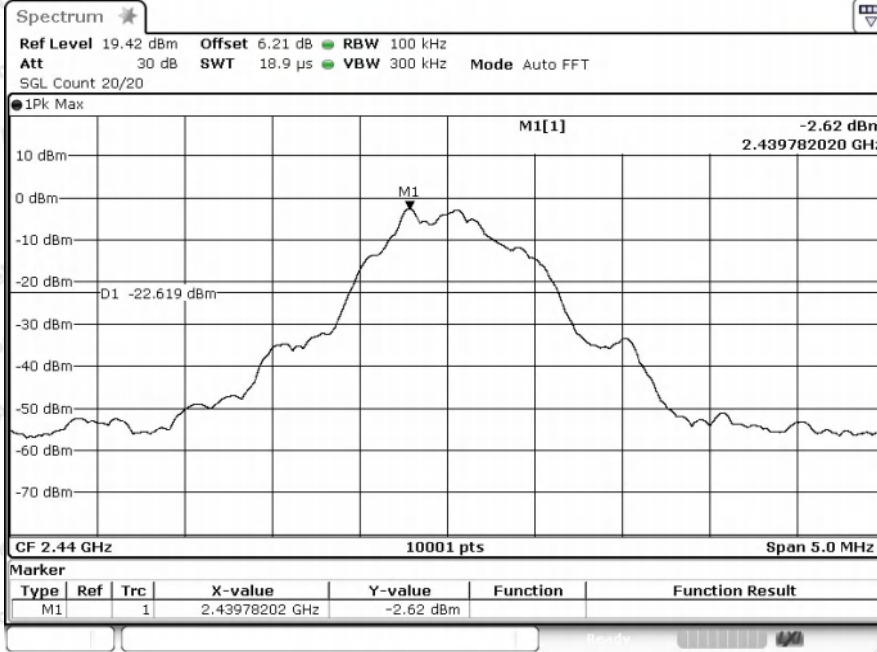
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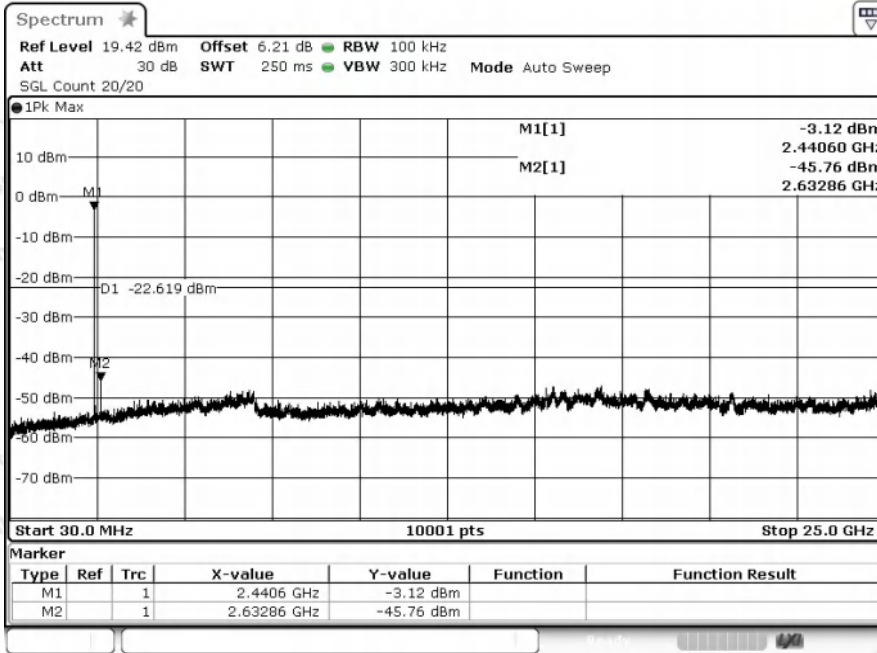
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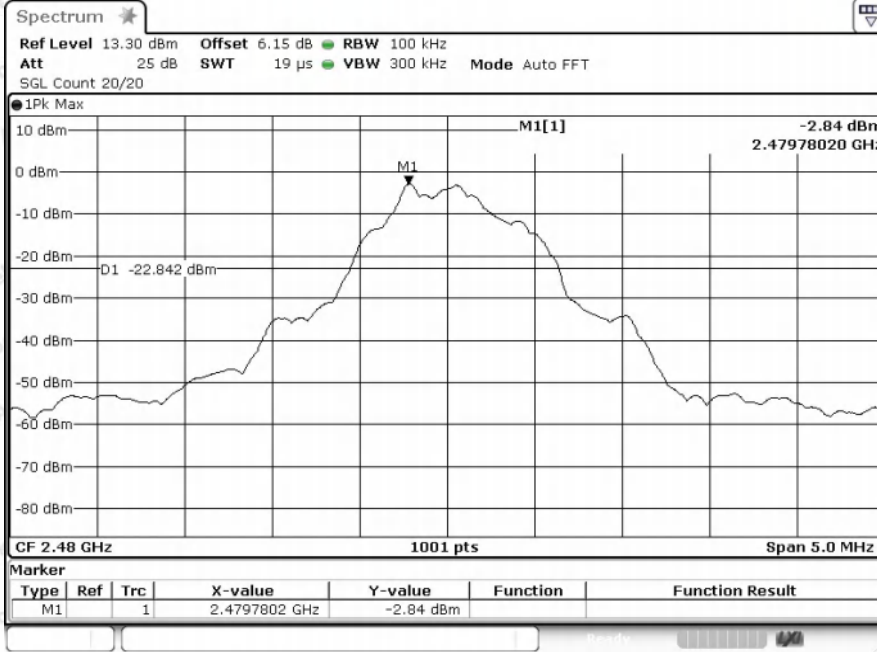
1 Reference Level_NVNT_ANT1_1Mbps_2440



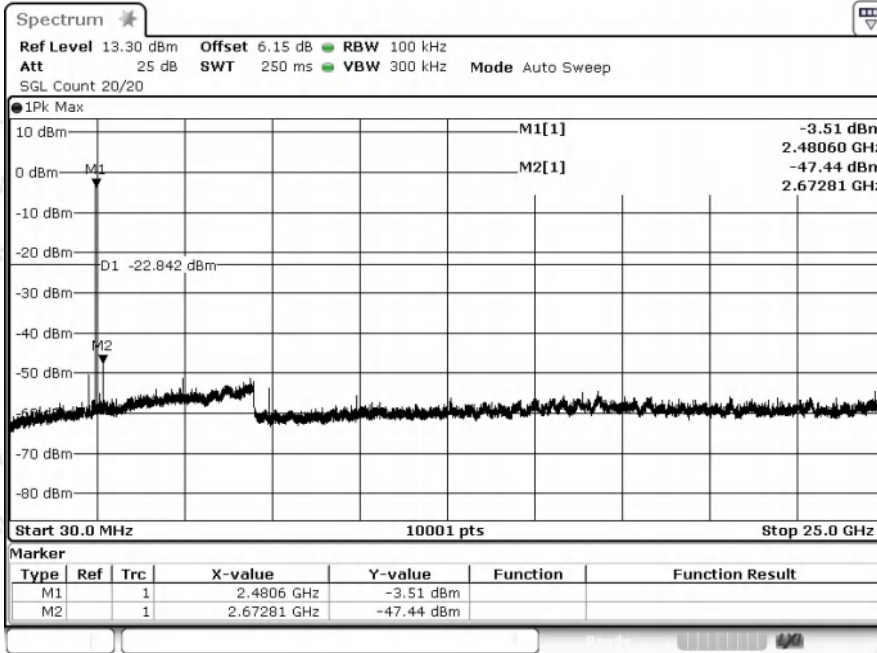
2 Spurious Emission_NVNT_ANT1_1Mbps_2440



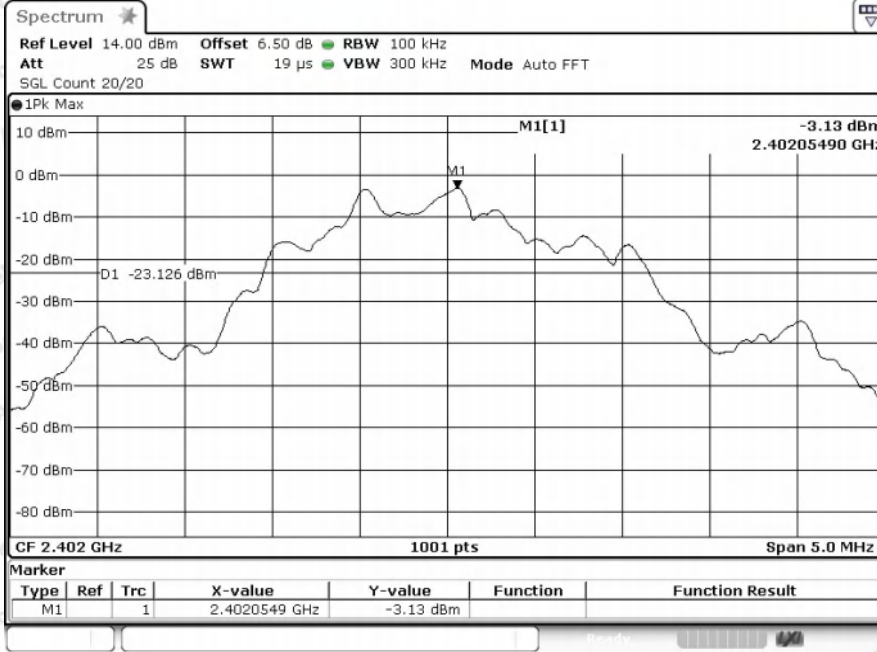
1 Reference_Level_NVNT_ANT1_1Mbps_2480



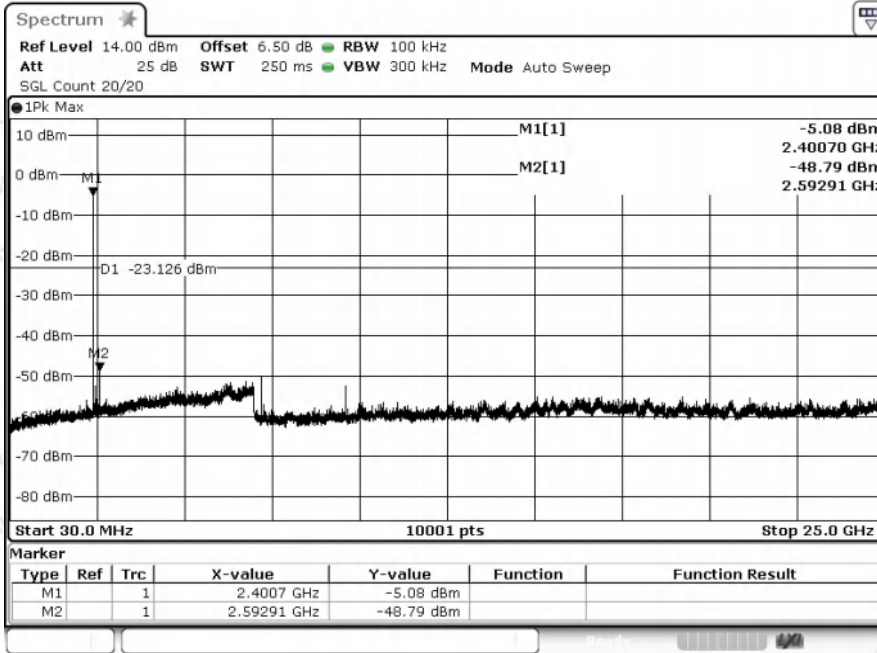
2 Spurious Emission_NVNT_ANT1_1Mbps_2480



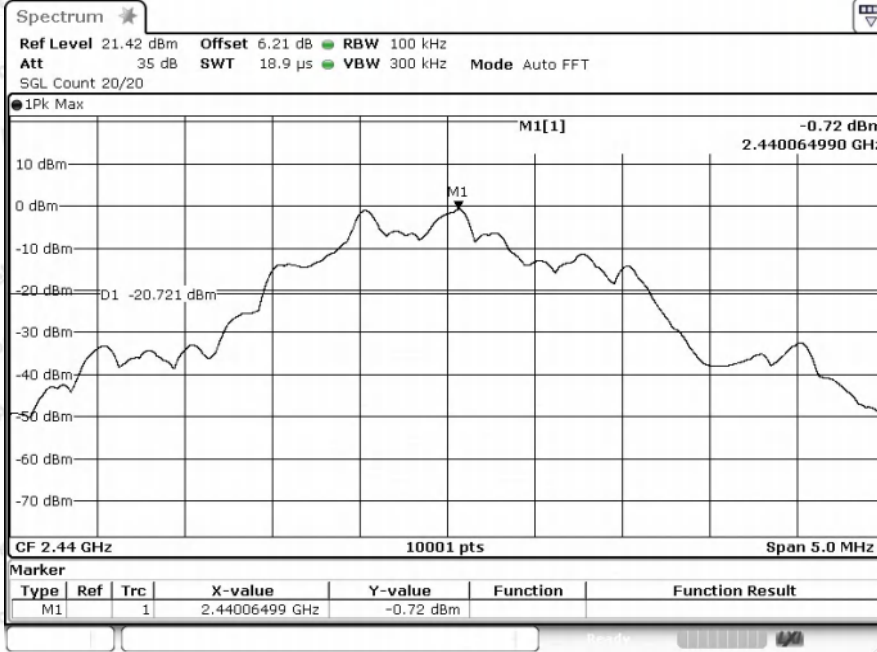
1 Reference Level_NVNT_ANT1_2Mbps_2402



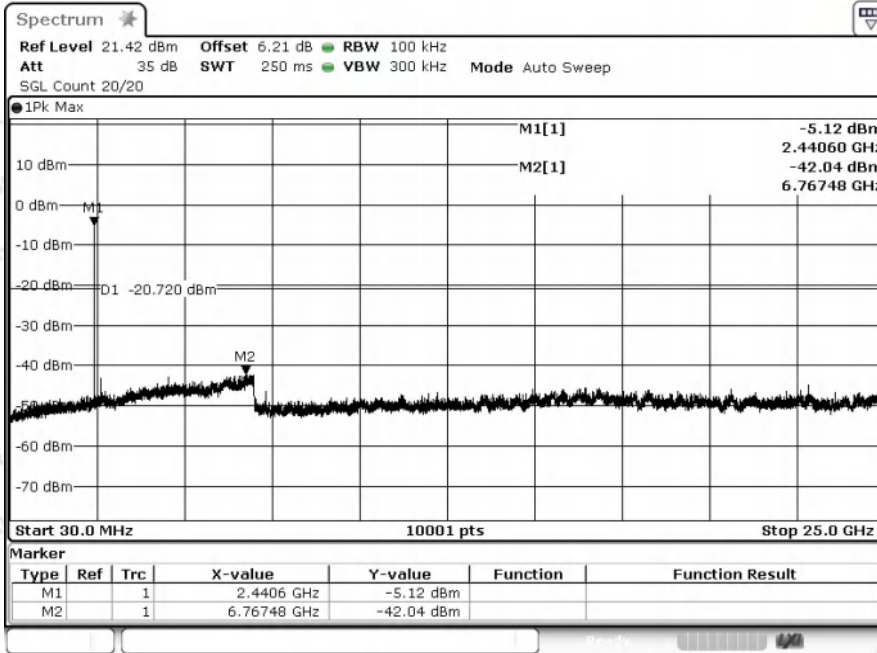
2 Spurious Emission_NVNT_ANT1_2Mbps_2402



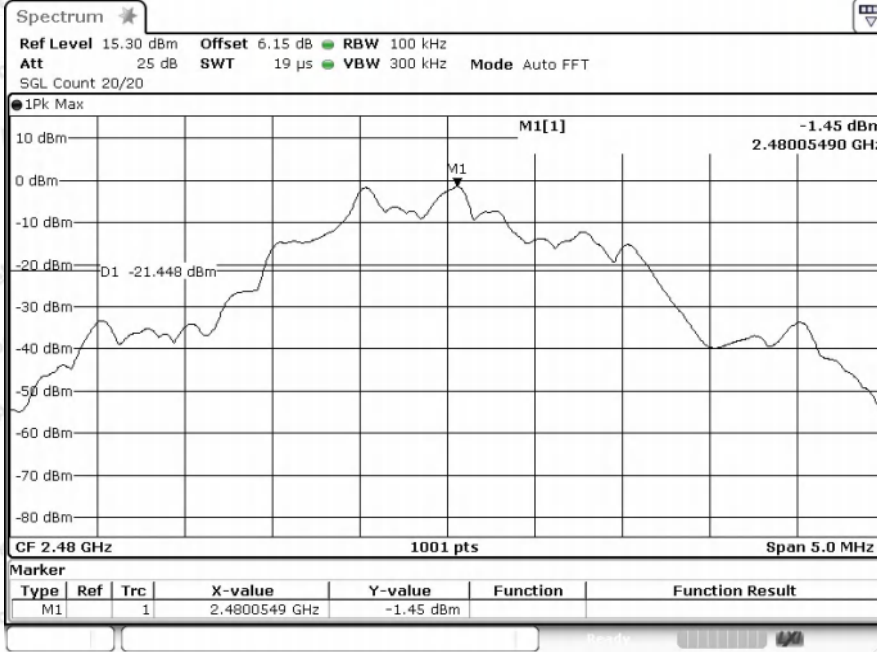
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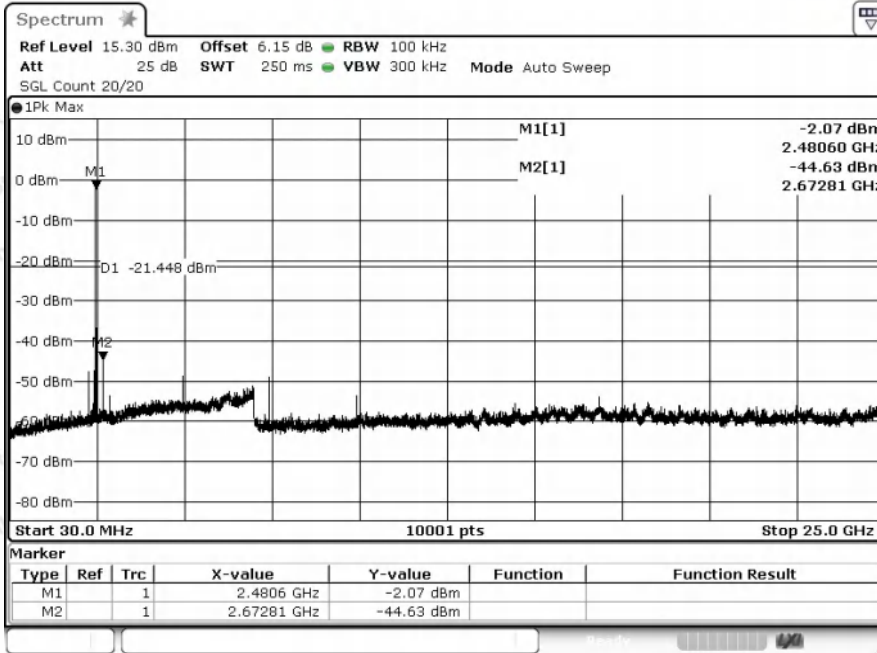
2 Spurious Emission_NVNT_ANT1_2Mbps_2440



1 Reference Level_NVNT_ANT1_2Mbps_2480



2 Spurious Emission_NVNT_ANT1_2Mbps_2480



---END---

