

Appendix Test Data

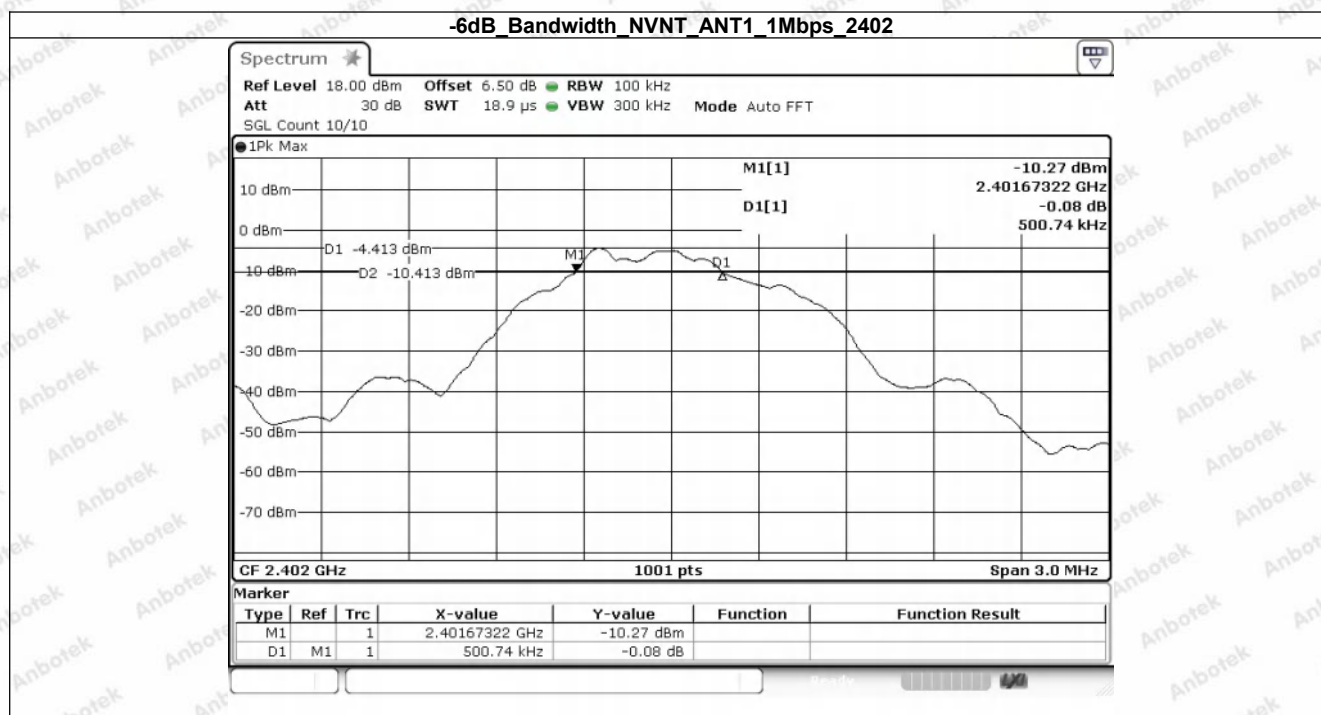
Report No.:	18220WC40048102	Test Sample No.:	1-2-2
Start Test Date:	2024.3.19	Finish Test Date:	2024.3.28
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	24.0℃	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: -6dB Bandwidth

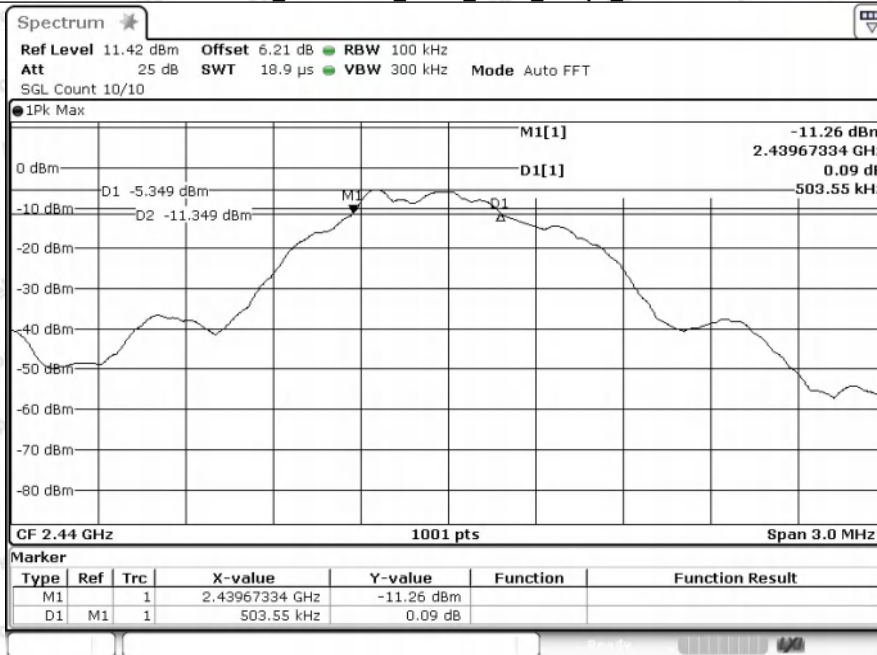
Test Result

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	500.74	500	Pass
NVNT	ANT1	1Mbps	2440.00	503.55	500	Pass
NVNT	ANT1	1Mbps	2480	503.55	500	Pass
NVNT	ANT1	2Mbps	2402	854.27	500	Pass
NVNT	ANT1	2Mbps	2440.00	854.02	500	Pass
NVNT	ANT1	2Mbps	2480	854.02	500	Pass

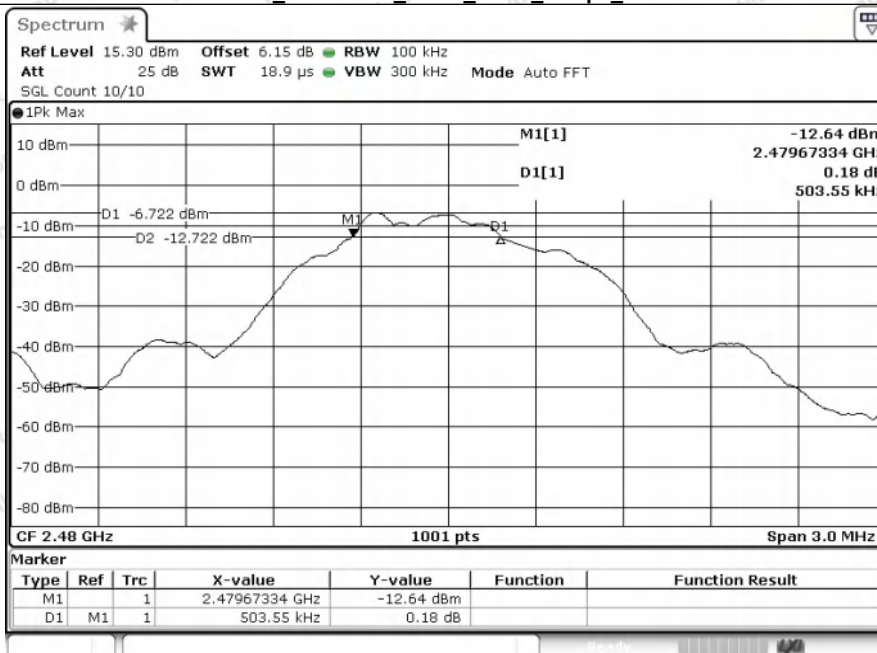
Test Graphs



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



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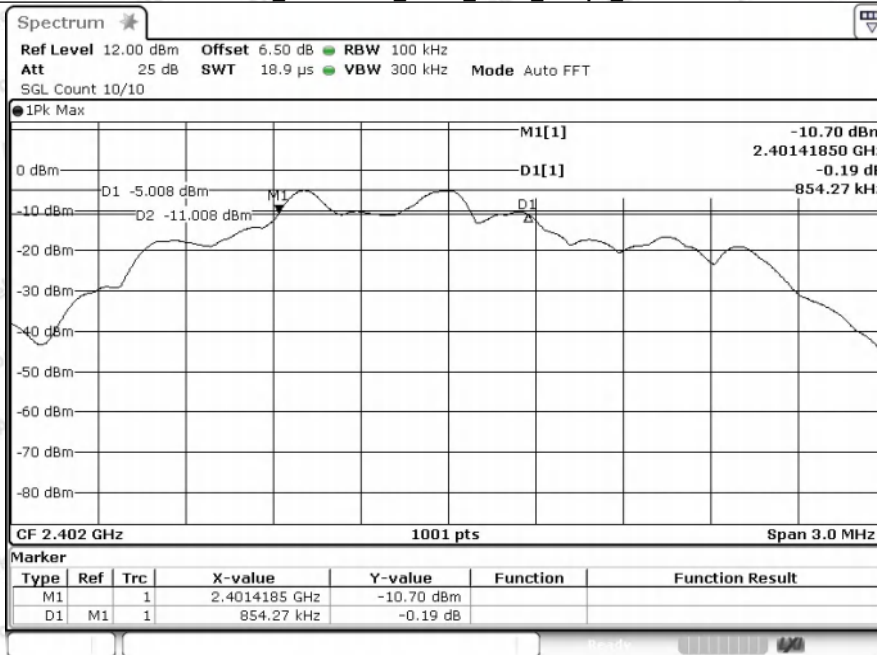
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



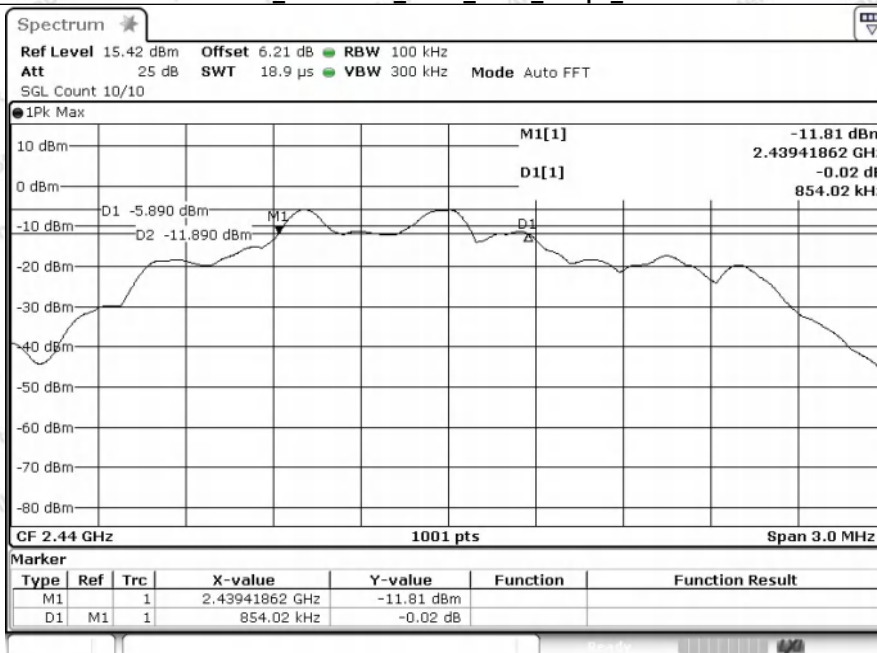
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-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



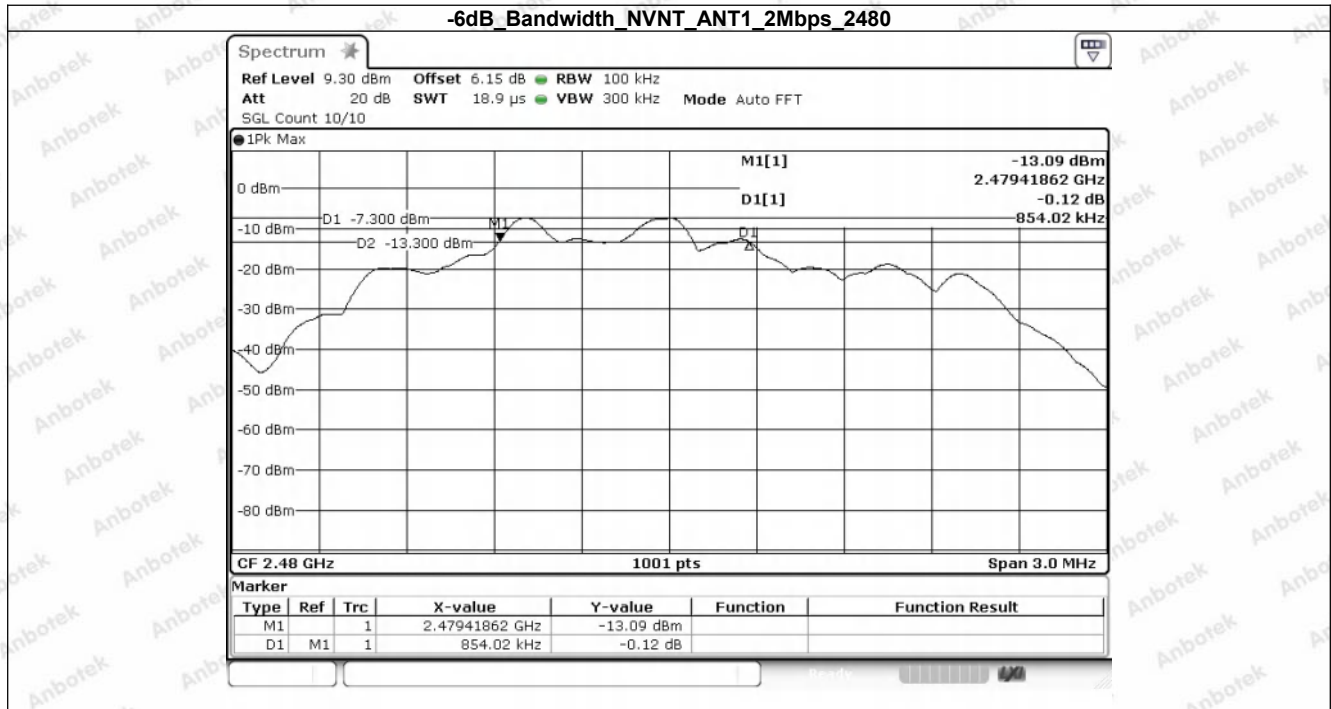
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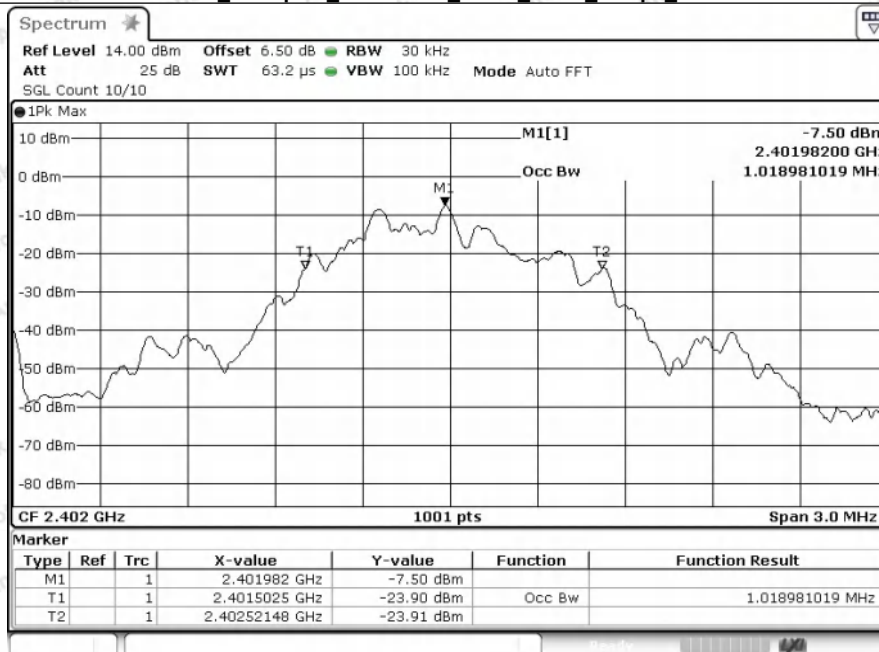
Appendix B: 99% Occupied Bandwidth

Test Result

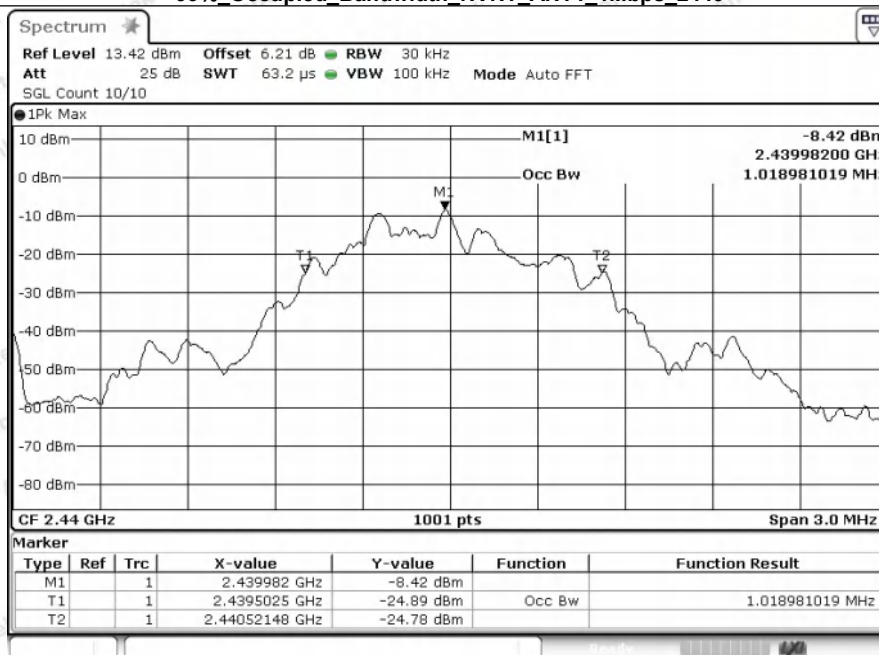
Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.019
NVNT	ANT1	1Mbps	2440.00	1.019
NVNT	ANT1	1Mbps	2480	1.019
NVNT	ANT1	2Mbps	2402	2.029
NVNT	ANT1	2Mbps	2440.00	2.026
NVNT	ANT1	2Mbps	2480	2.029

Test Graphs

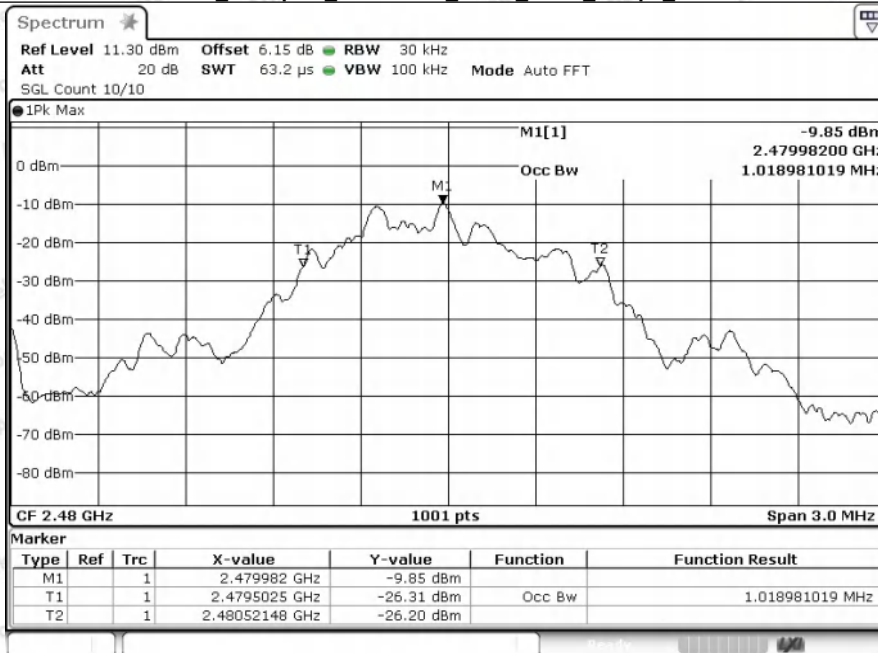
99% Occupied Bandwidth_NVNT_ANT1_1Mbps_2402



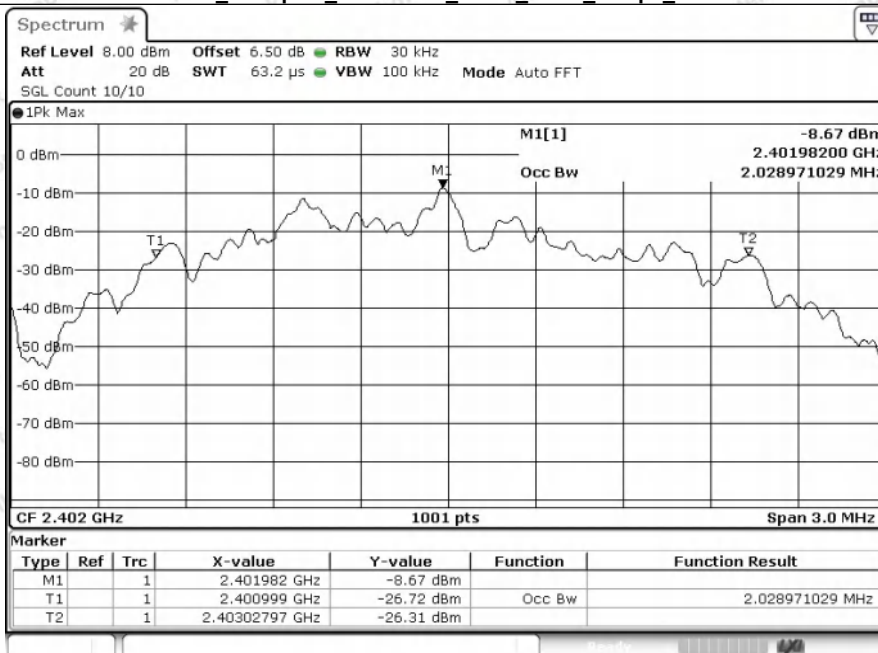
99% Occupied Bandwidth_NVNT_ANT1_1Mbps_2440



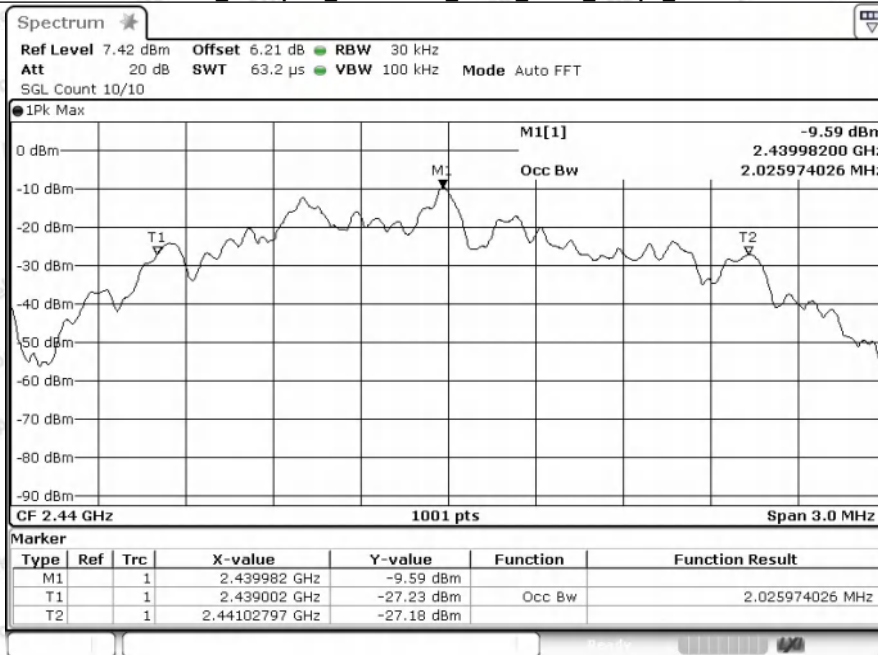
99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480



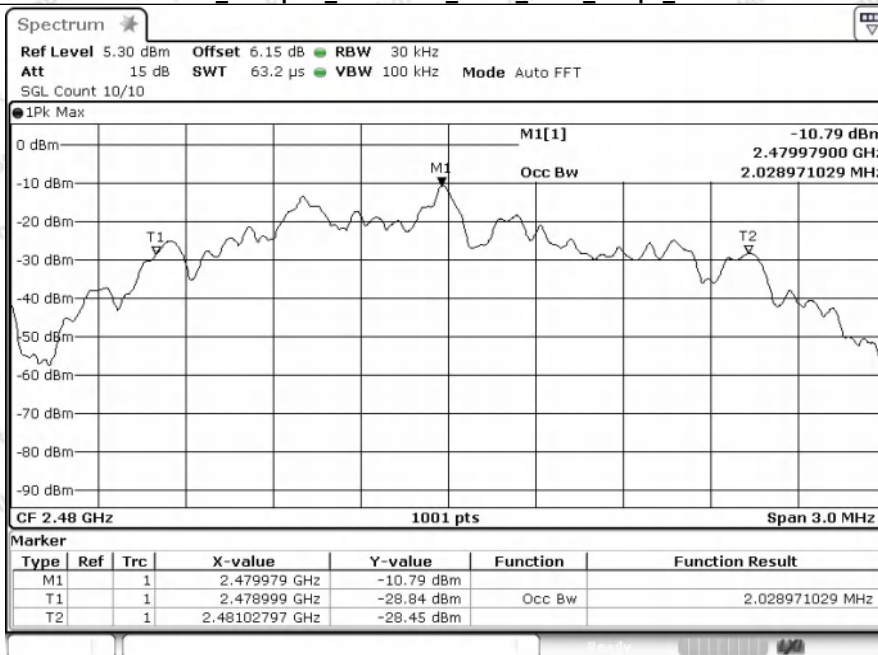
99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480

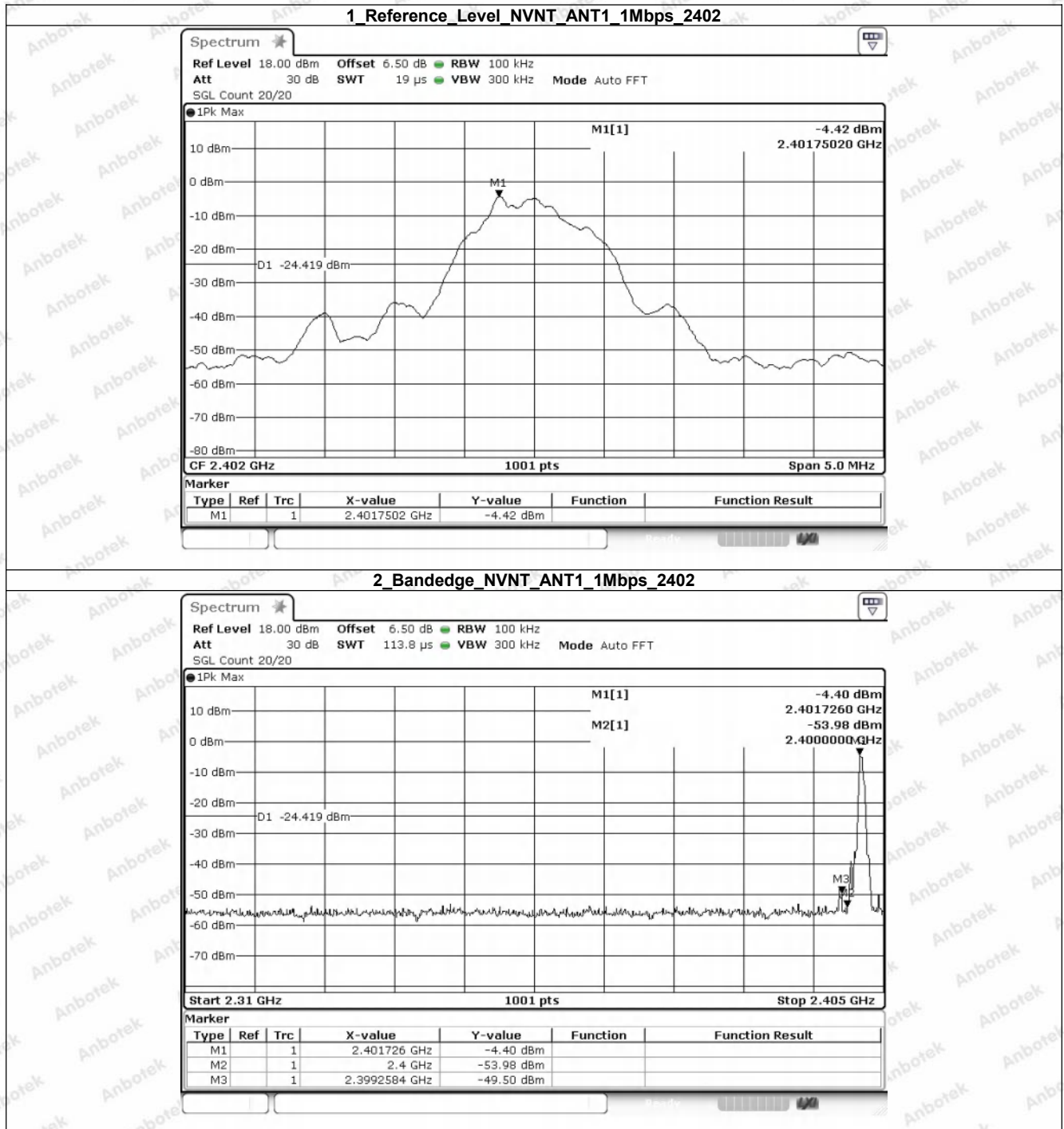


Appendix C: Bandedge

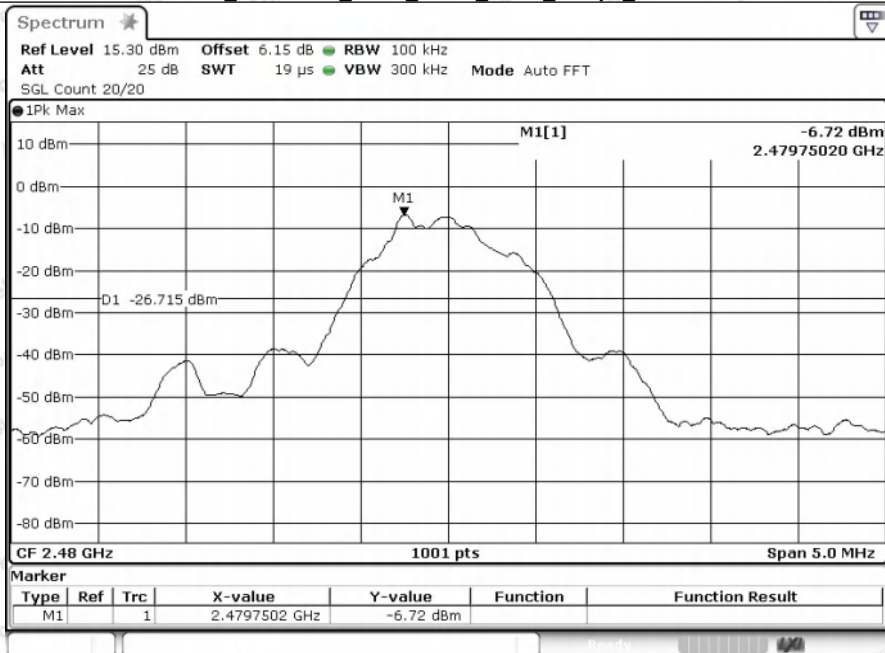
Test Result

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.258	-49.502	-24.419	Pass
NVNT	ANT1	1Mbps	2480	2485.477	-57.976	-26.715	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-37.070	-25.004	Pass
NVNT	ANT1	2Mbps	2480	2485.302	-62.525	-27.292	Pass

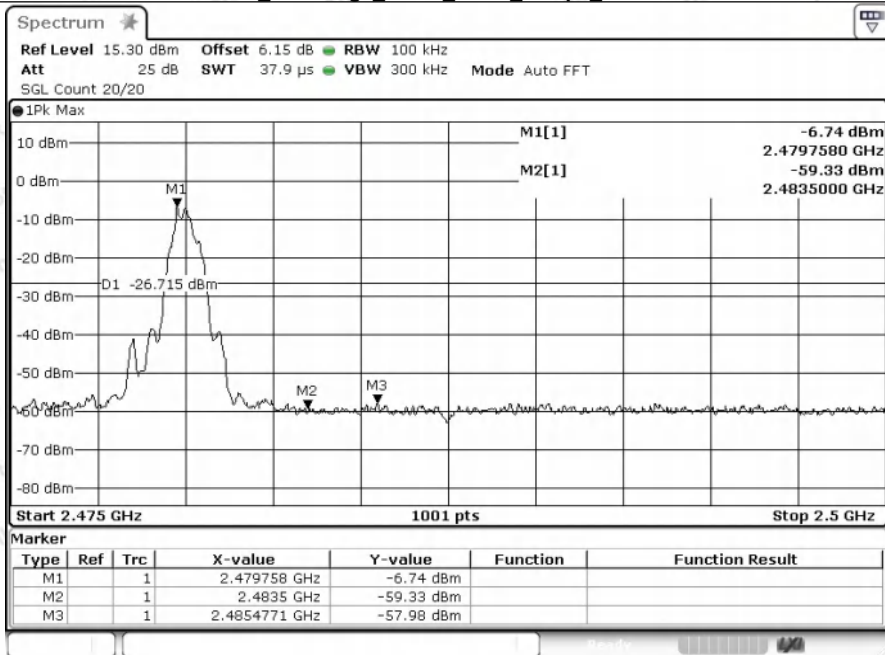
Test Graphs



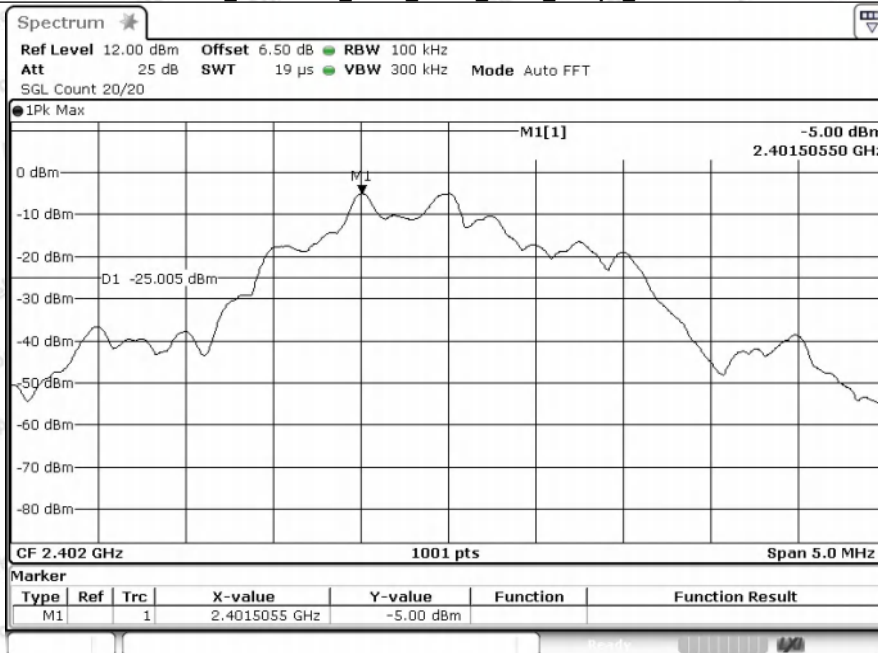
1_Reference_Level_NVNT_ANT1_1Mbps_2480



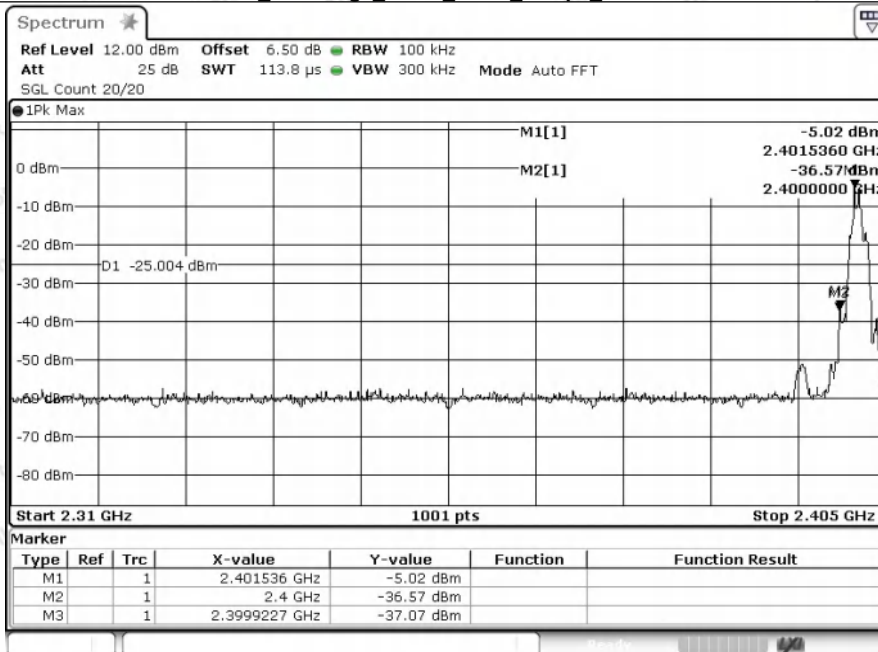
2_Bandedge_NVNT_ANT1_1Mbps_2480



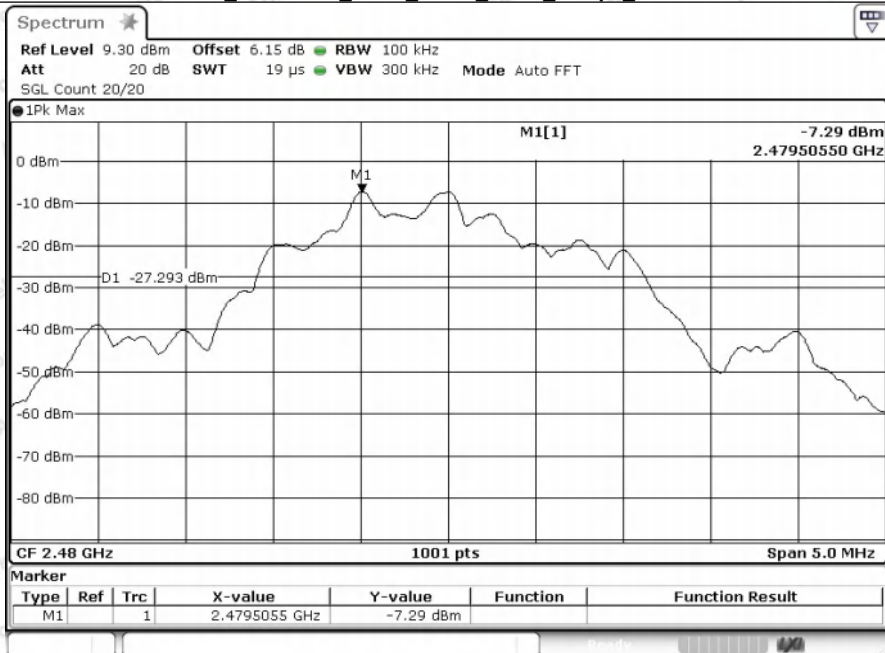
1_Reference_Level_NVNT_ANT1_2Mbps_2402



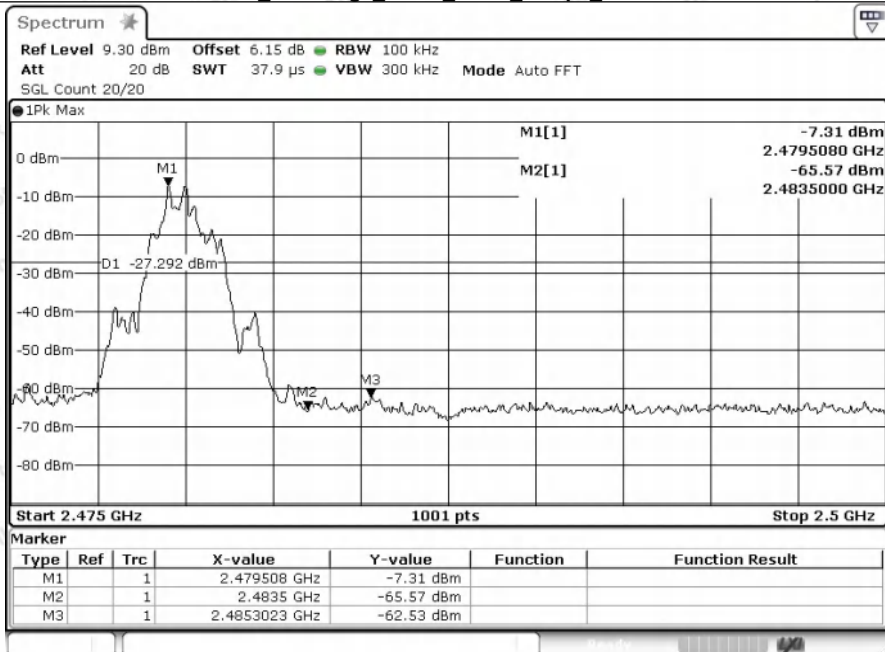
2_Bandedge_NVNT_ANT1_2Mbps_2402



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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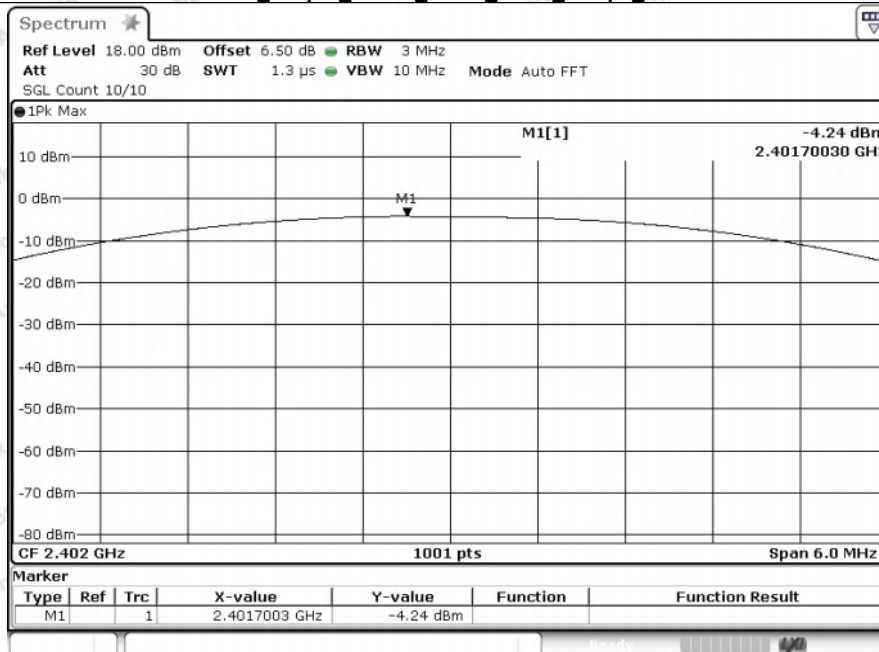
Appendix D: Peak Output Power

Test Result-for right earphone

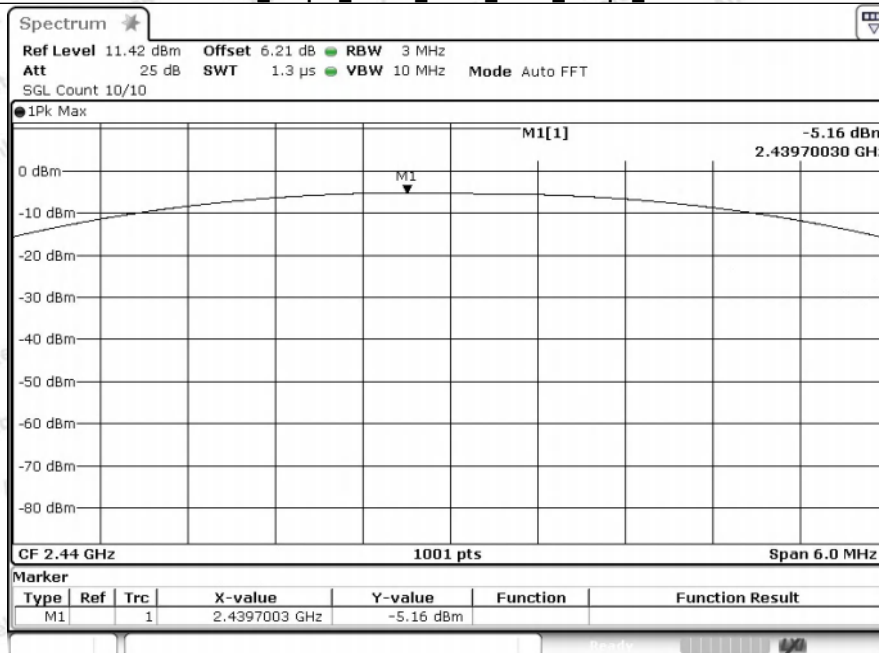
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	-4.24	0.38	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-5.16	0.31	1000	Pass
NVNT	ANT1	1Mbps	2480	-6.51	0.22	1000	Pass
NVNT	ANT1	2Mbps	2402	-4.11	0.39	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-5.07	0.31	1000	Pass
NVNT	ANT1	2Mbps	2480	-6.36	0.23	1000	Pass

Test Graphs

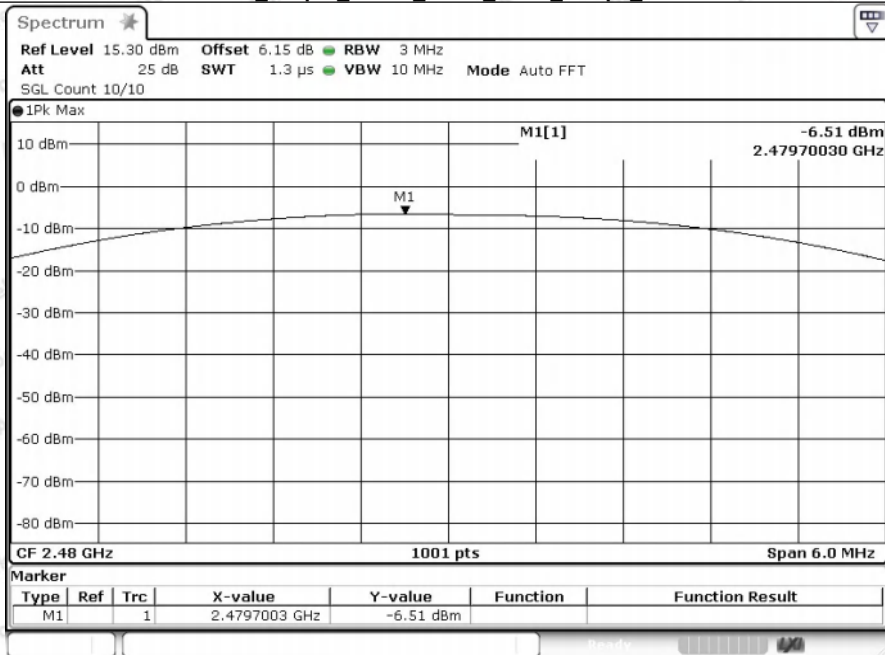
Peak_Output_Power_NVNT_ANT1_1Mbps_2402



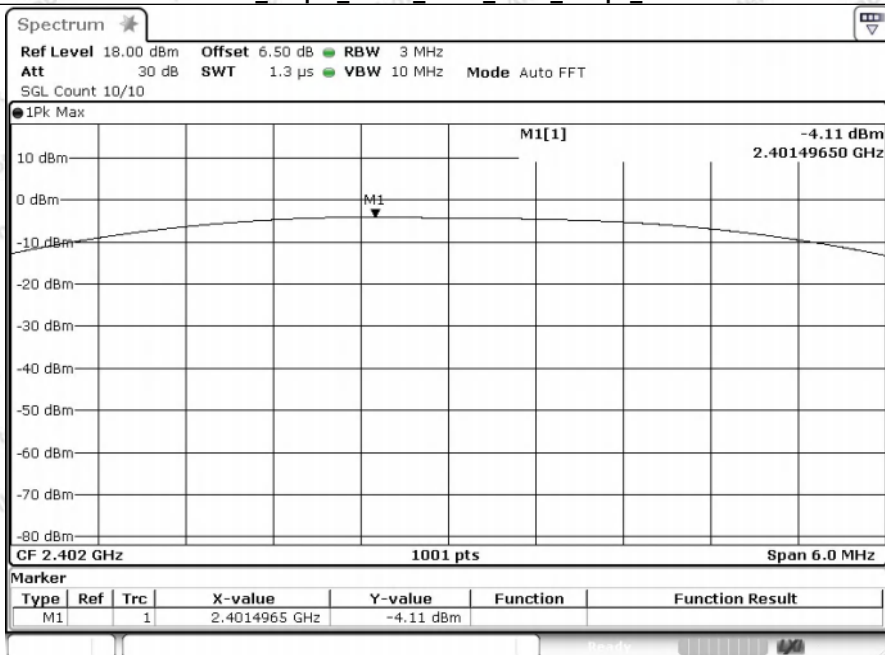
Peak_Output_Power_NVNT_ANT1_1Mbps_2440



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Peak_Output_Power_NVNT_ANT1_2Mbps_2402



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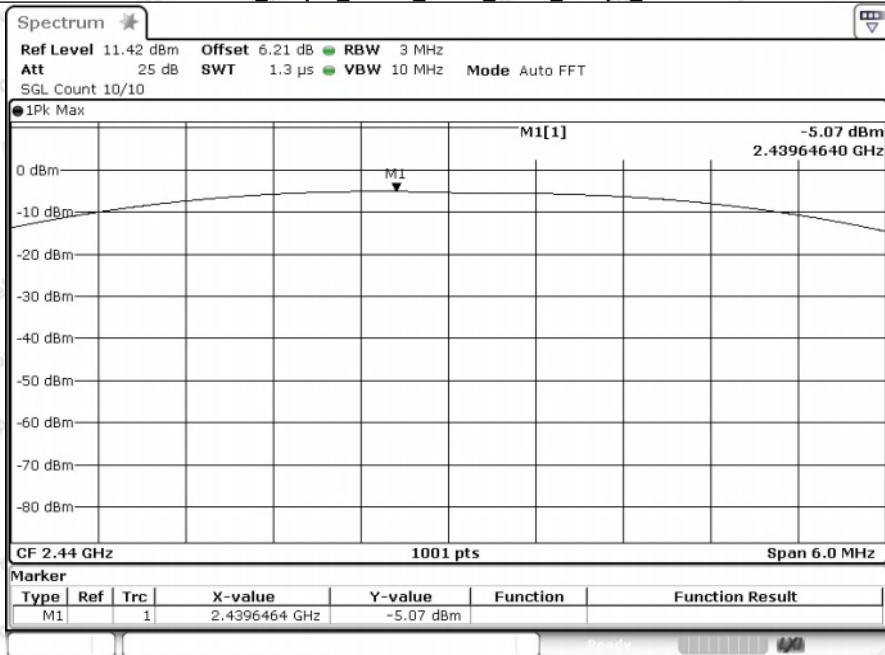
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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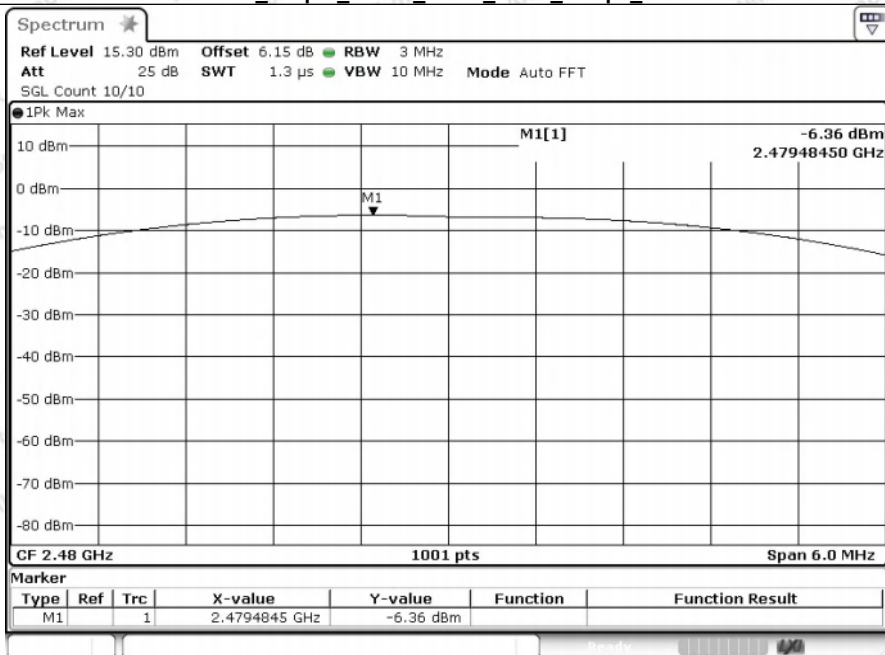
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Peak_Output_Power_NVNT_ANT1_2Mbps_2440



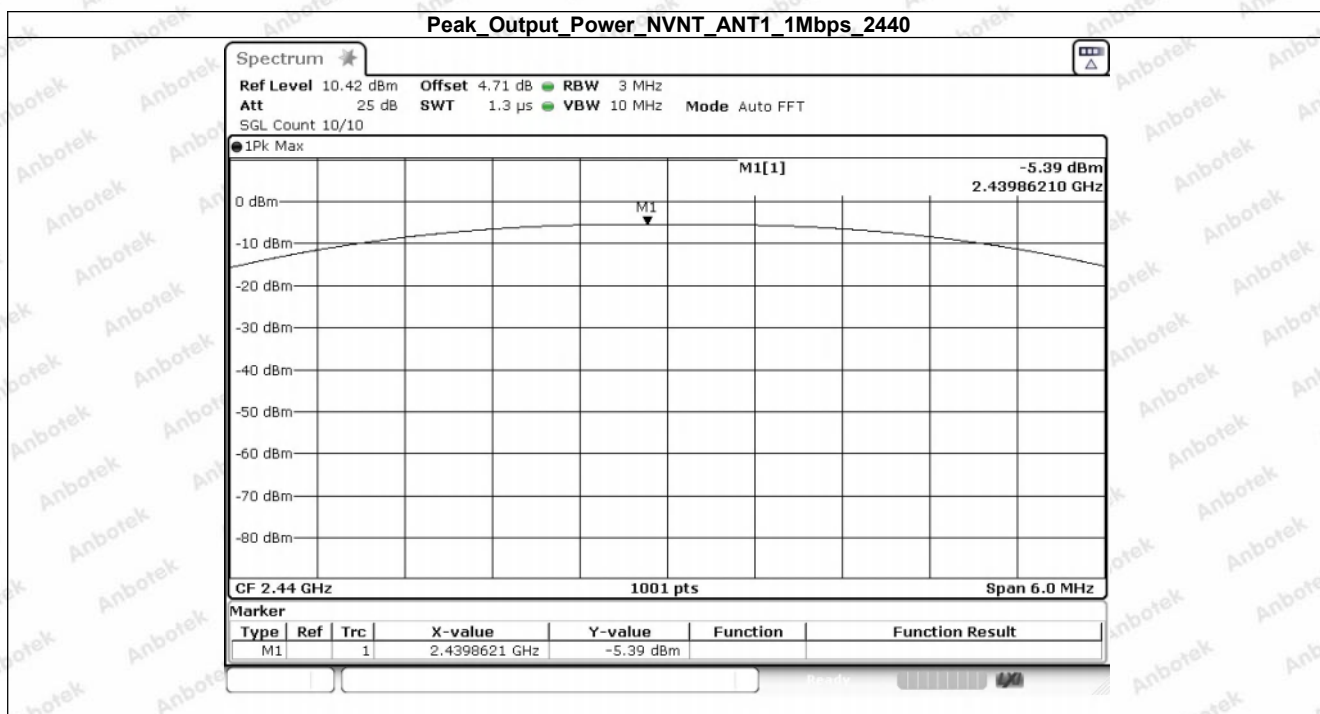
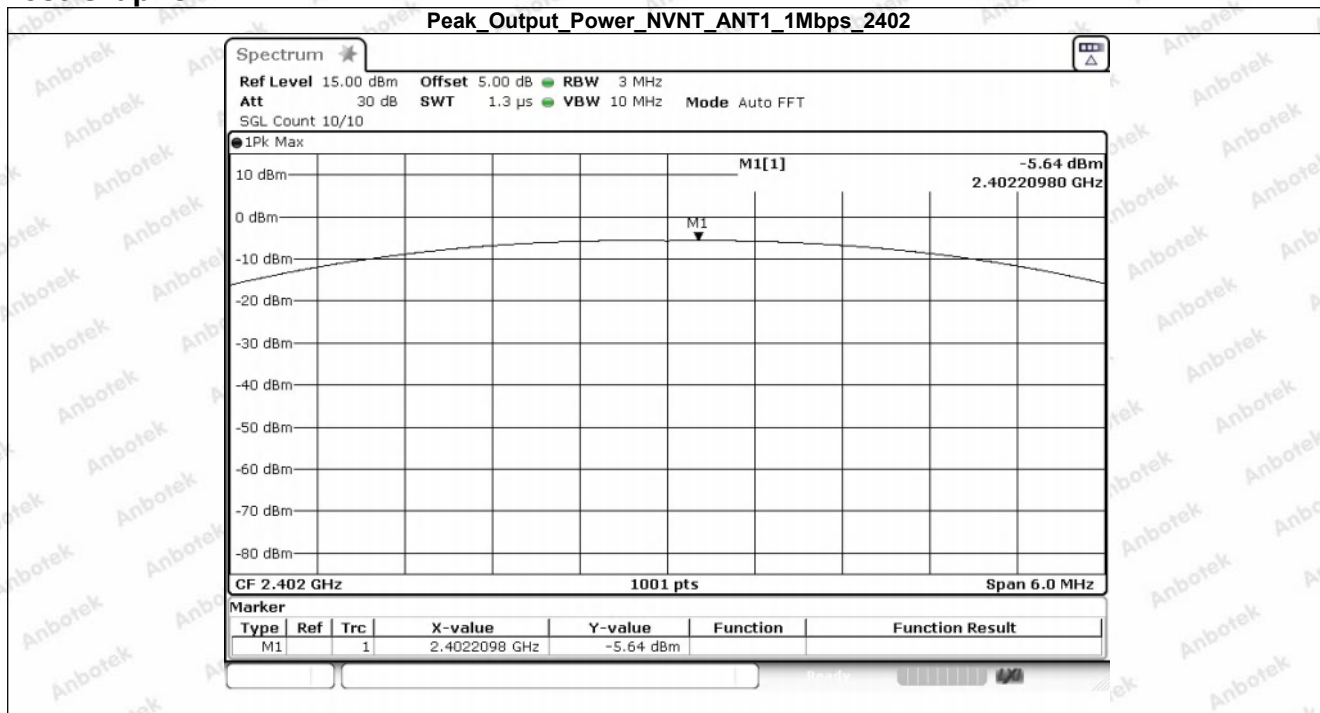
Peak_Output_Power_NVNT_ANT1_2Mbps_2480



Test Result-for left earphone

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	-5.64	0.27	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-5.39	0.29	1000	Pass
NVNT	ANT1	1Mbps	2480	-5.51	0.28	1000	Pass
NVNT	ANT1	2Mbps	2402	-5.59	0.28	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-5.37	0.29	1000	Pass
NVNT	ANT1	2Mbps	2480	-5.48	0.28	1000	Pass

Test Graphs



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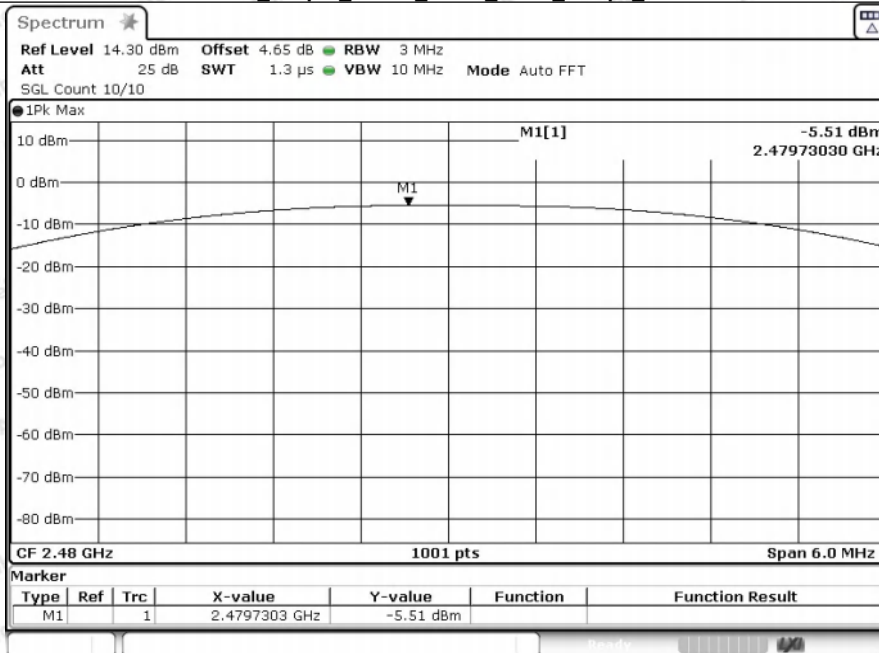
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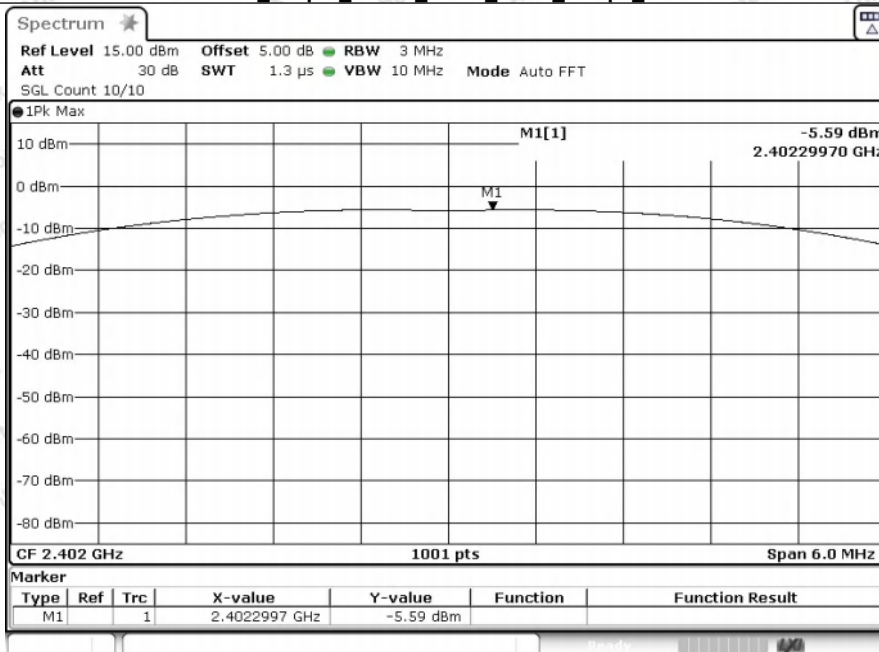
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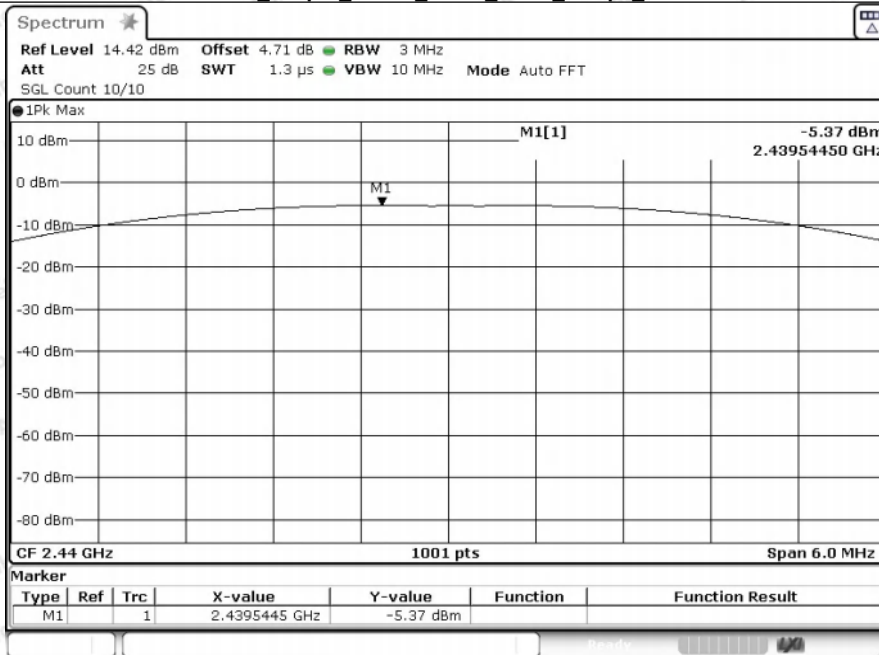
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



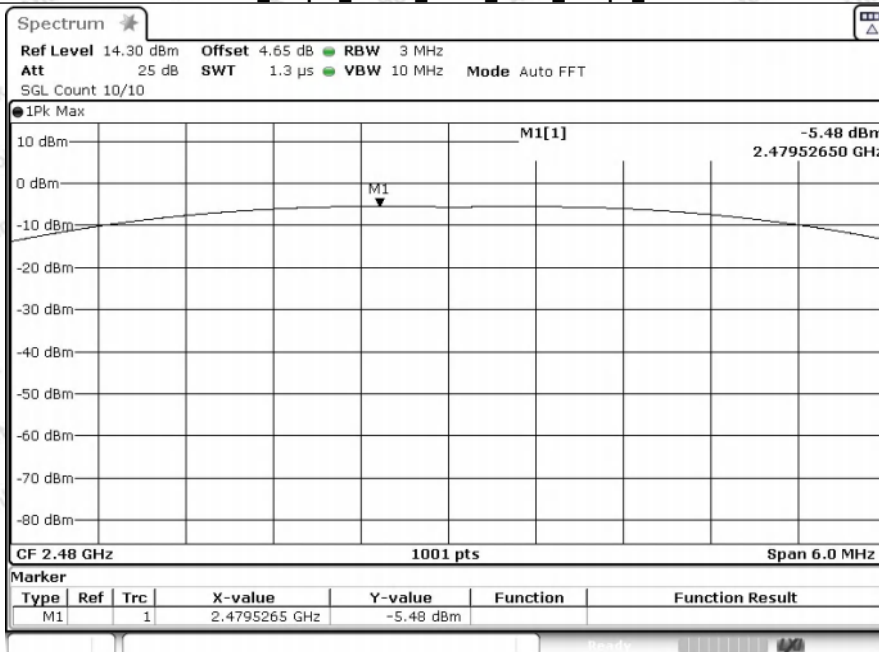
Peak_Output_Power_NVNT_ANT1_2Mbps_2402



Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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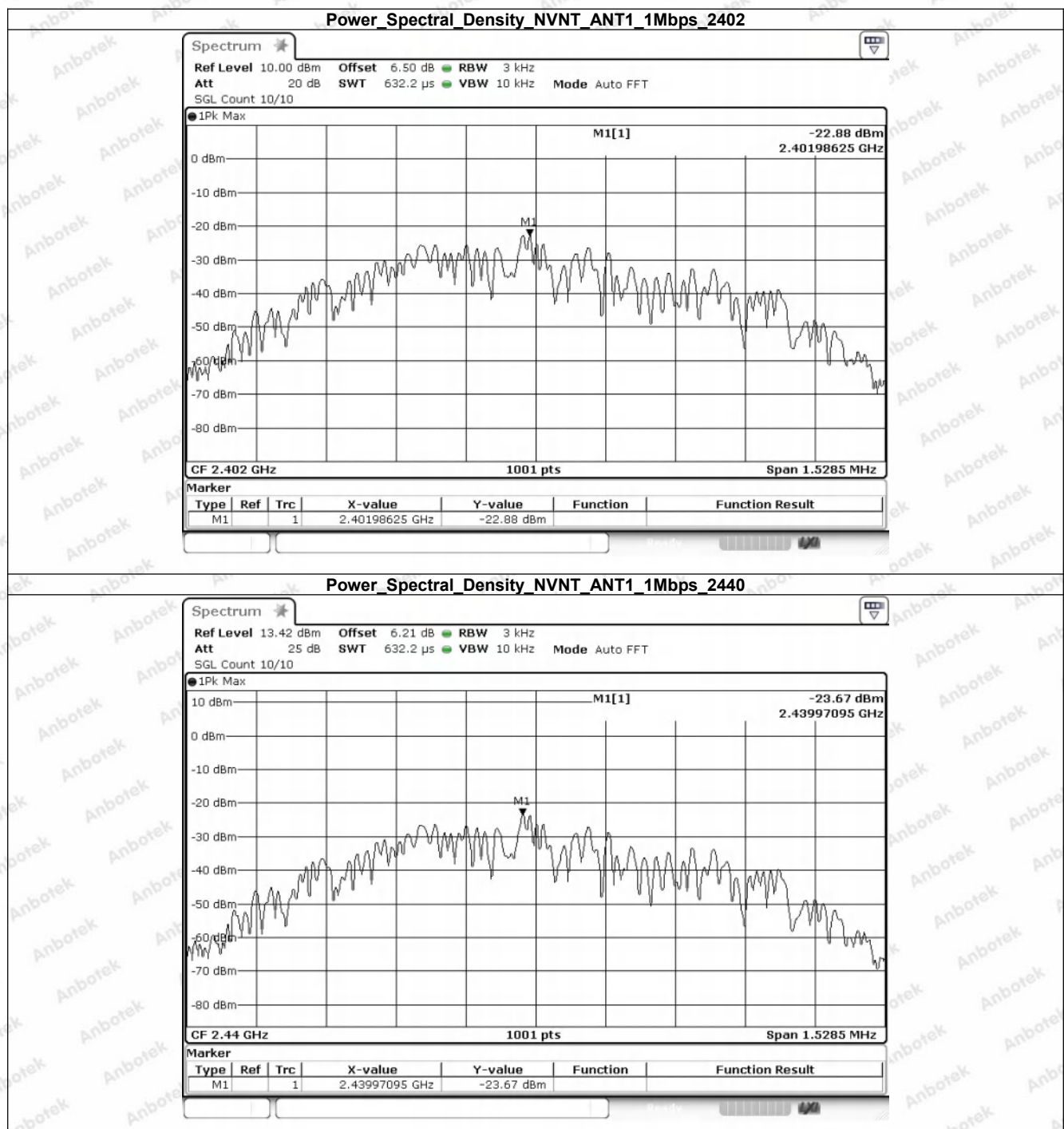


Appendix E: Power Spectral Density

Test Result

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-22.88	8	Pass
NVNT	ANT1	1Mbps	2440.00	-23.67	8	Pass
NVNT	ANT1	1Mbps	2480	-25.03	8	Pass
NVNT	ANT1	2Mbps	2402	-25.05	8	Pass
NVNT	ANT1	2Mbps	2440.00	-25.98	8	Pass
NVNT	ANT1	2Mbps	2480	-27.23	8	Pass

Test Graphs



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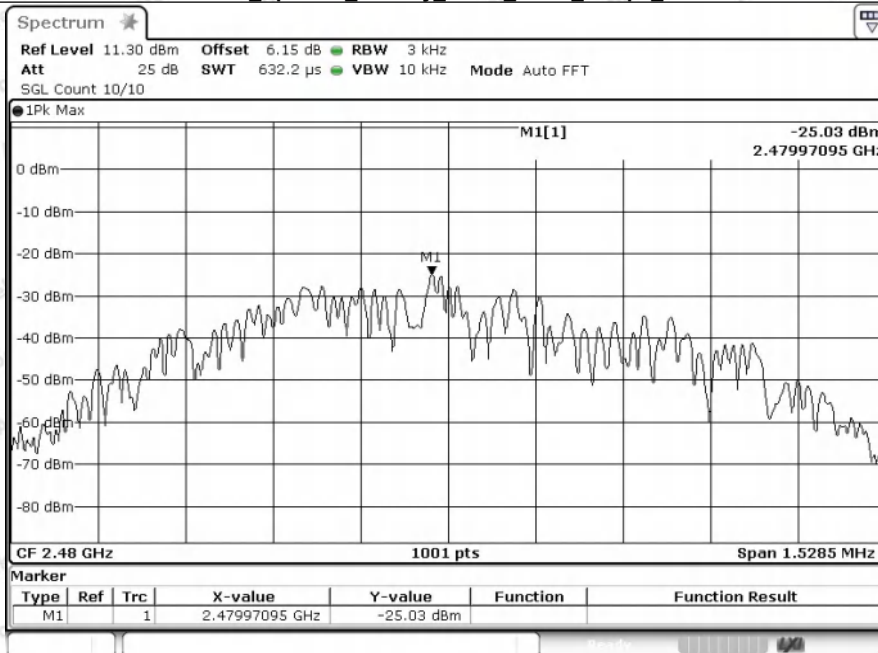
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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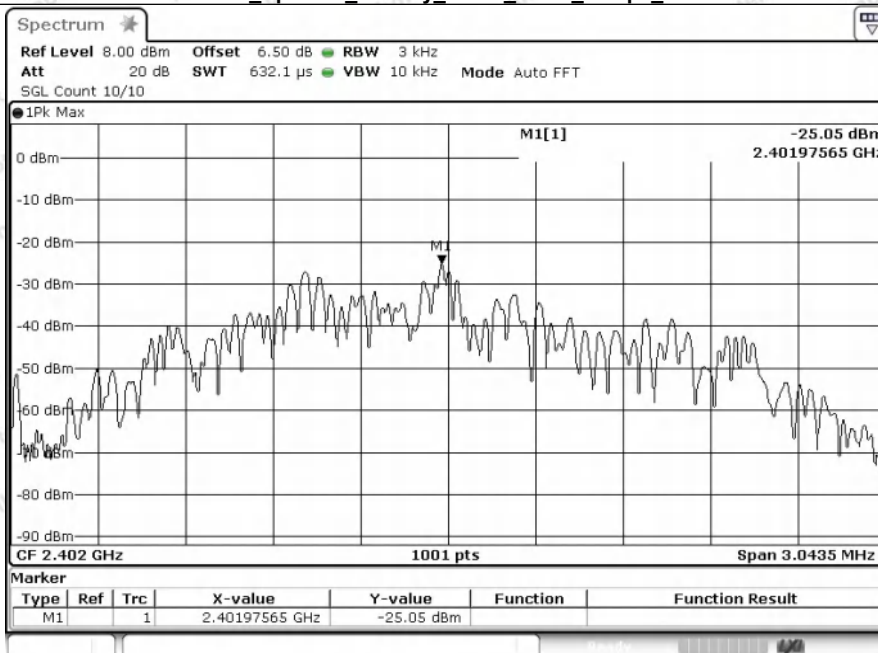
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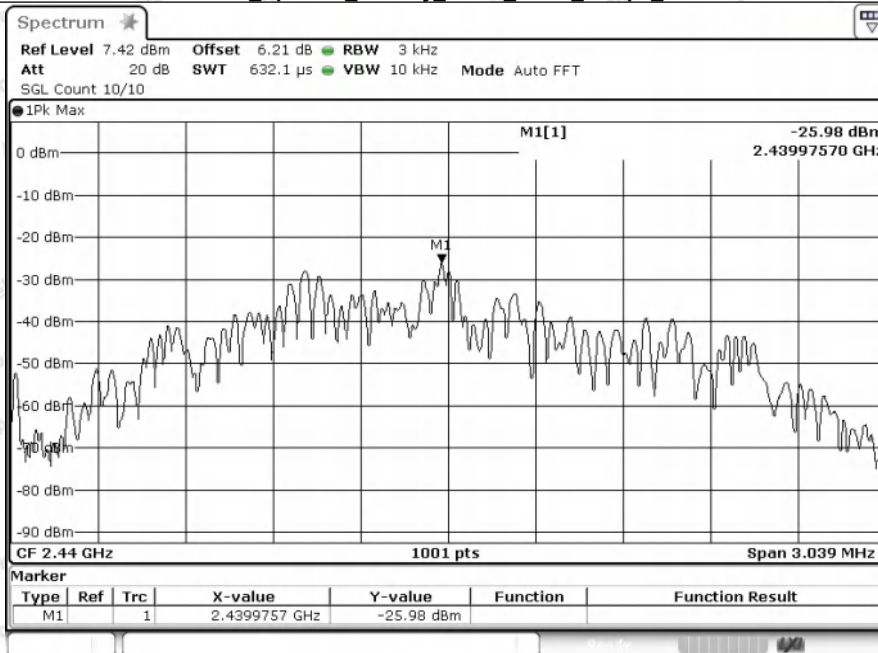
Power Spectral Density_NVNT_ANT1_1Mbps_2480



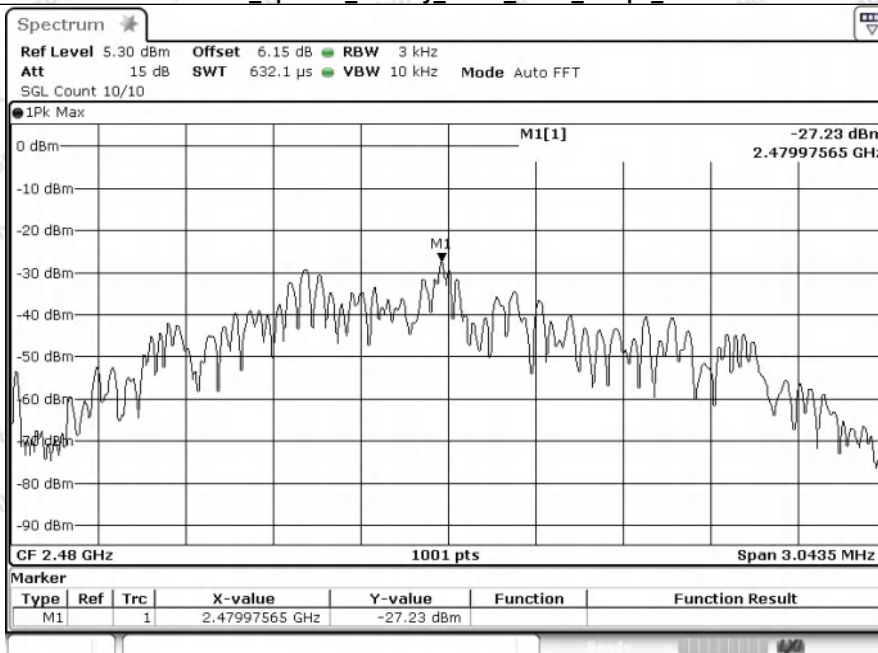
Power Spectral Density_NVNT_ANT1_2Mbps_2402



Power Spectral Density_NVNT_ANT1_2Mbps_2440



Power Spectral Density_NVNT_ANT1_2Mbps_2480

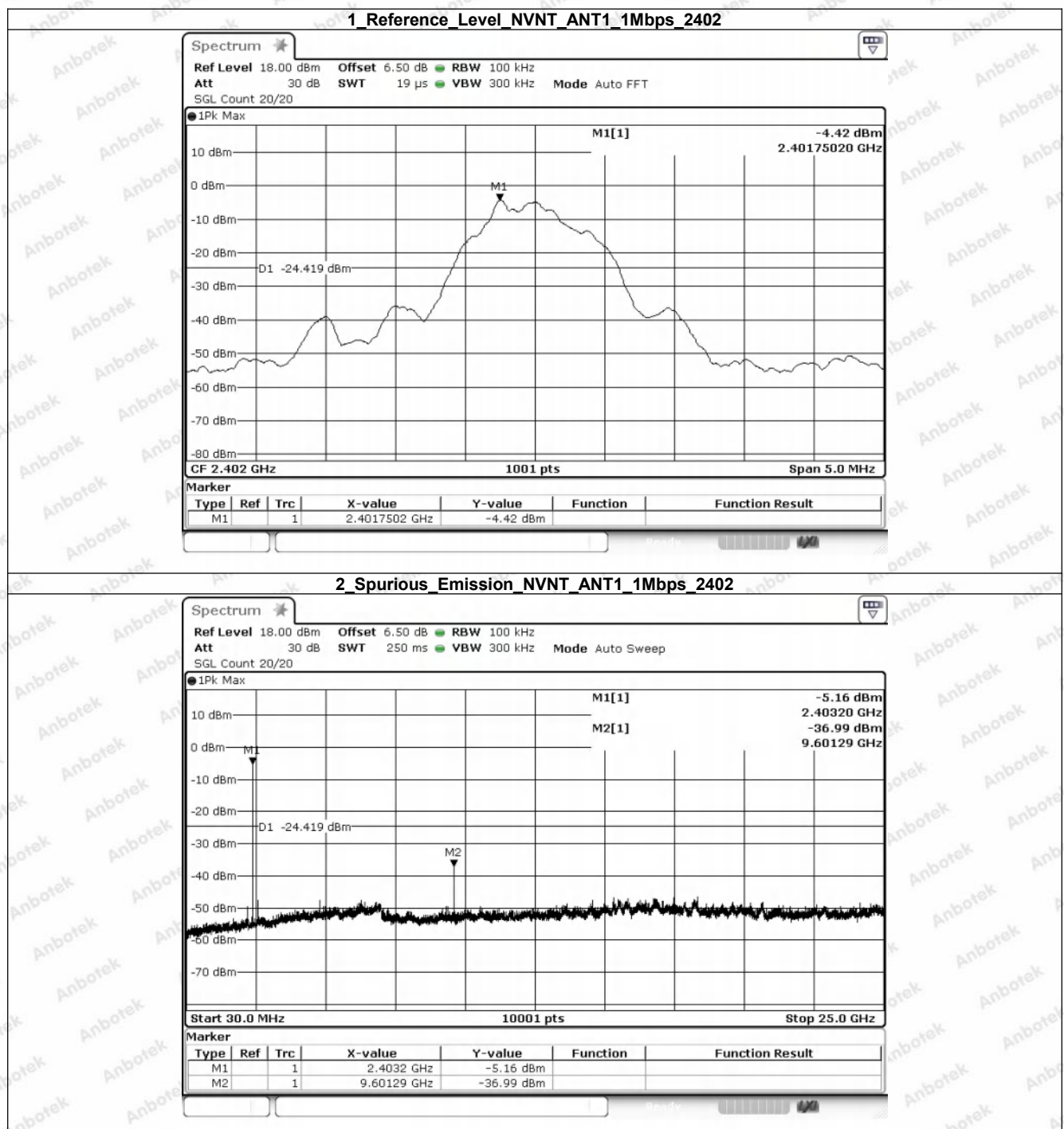


Appendix F: Spurious Emission

Test Result

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-36.991	-24.419	Pass
NVNT	ANT1	1Mbps	2440.00	-38.610	-25.337	Pass
NVNT	ANT1	1Mbps	2480	-38.089	-26.715	Pass
NVNT	ANT1	2Mbps	2402	-37.883	-25.004	Pass
NVNT	ANT1	2Mbps	2440.00	-39.118	-25.881	Pass
NVNT	ANT1	2Mbps	2480	-37.897	-27.292	Pass

Test Graphs



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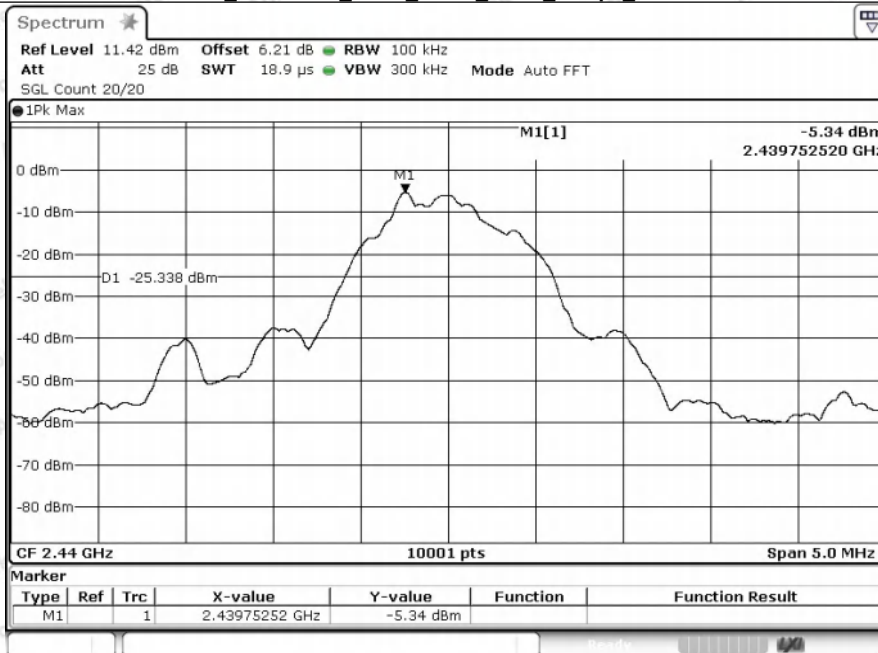
Hotline

400-003-0500

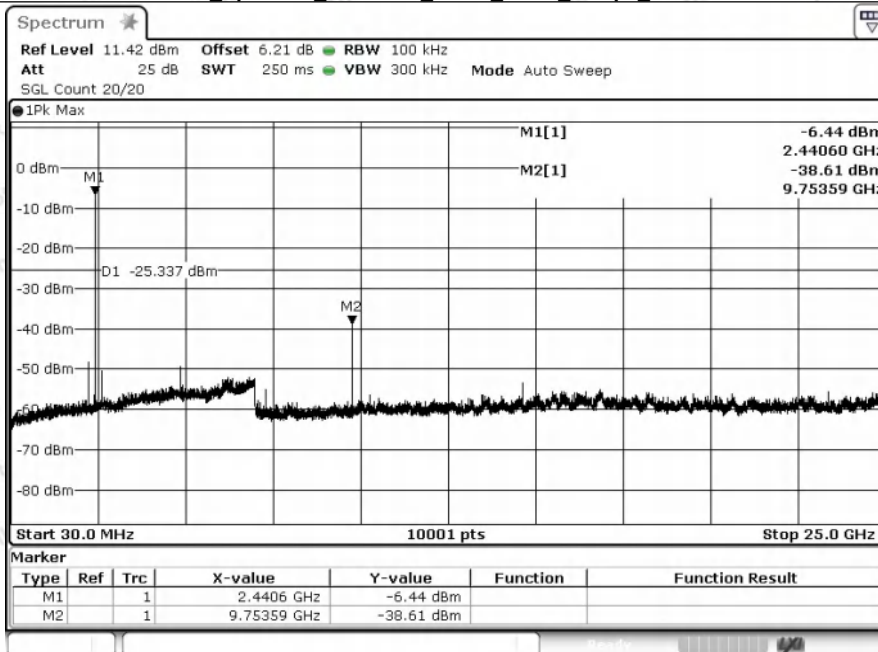
www.anbotek.com.cn



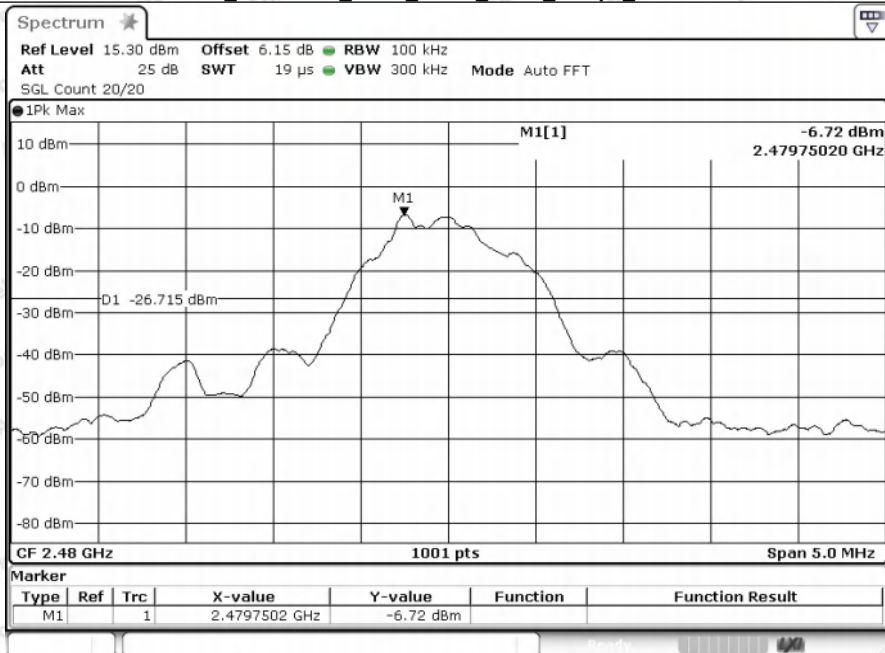
1_Reference_Level_NVNT_ANT1_1Mbps_2440



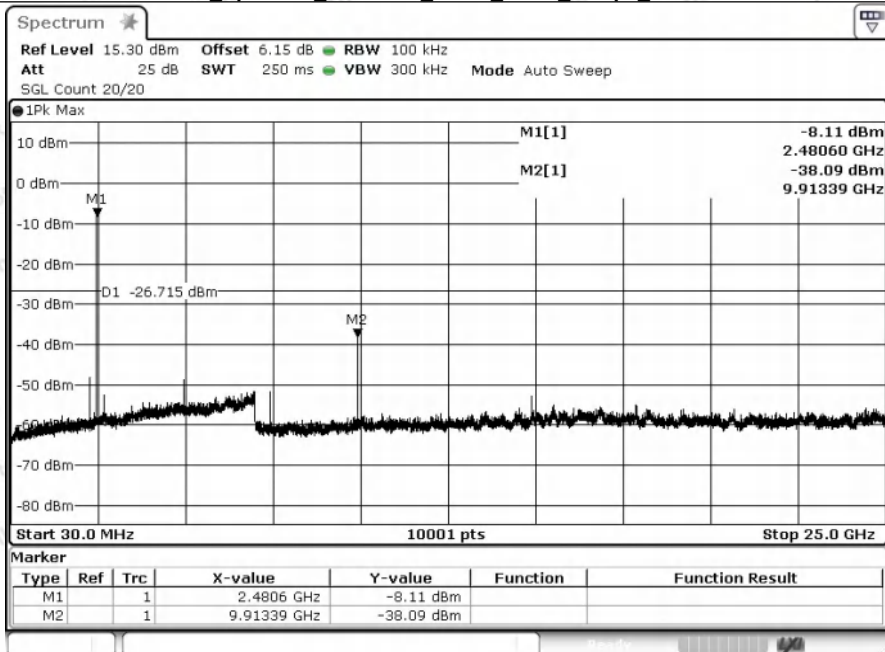
2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



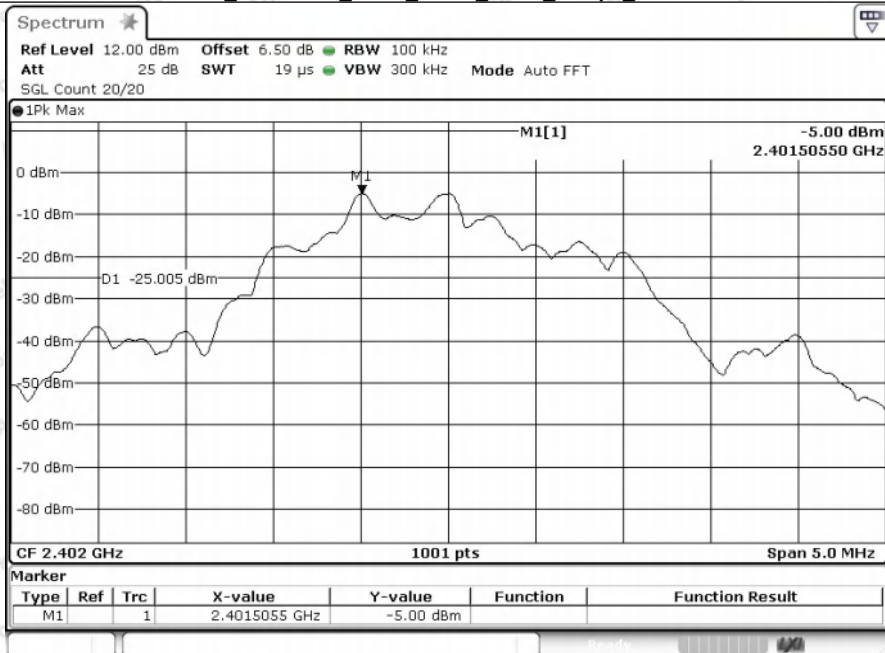
1_Reference_Level_NVNT_ANT1_1Mbps_2480



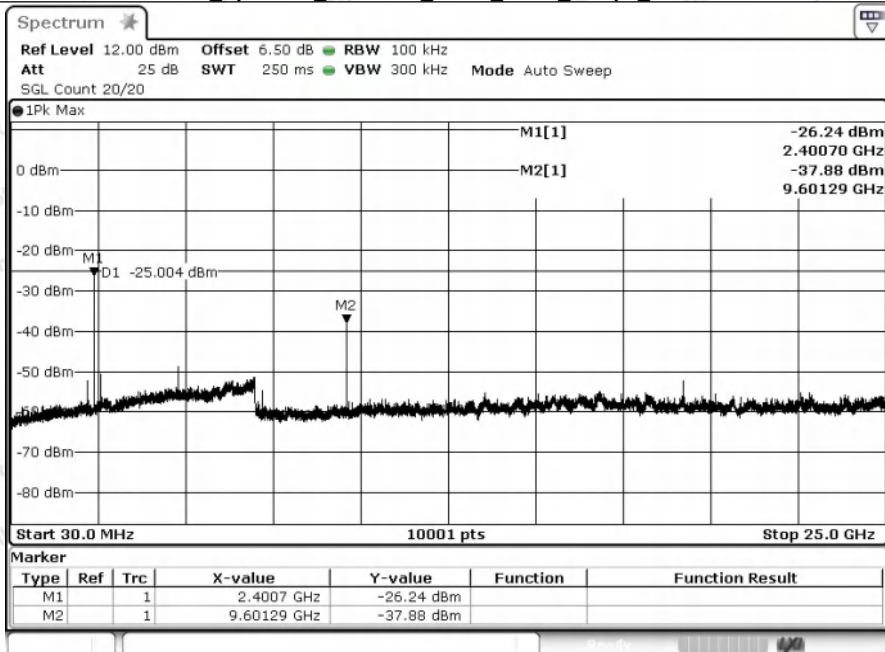
2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



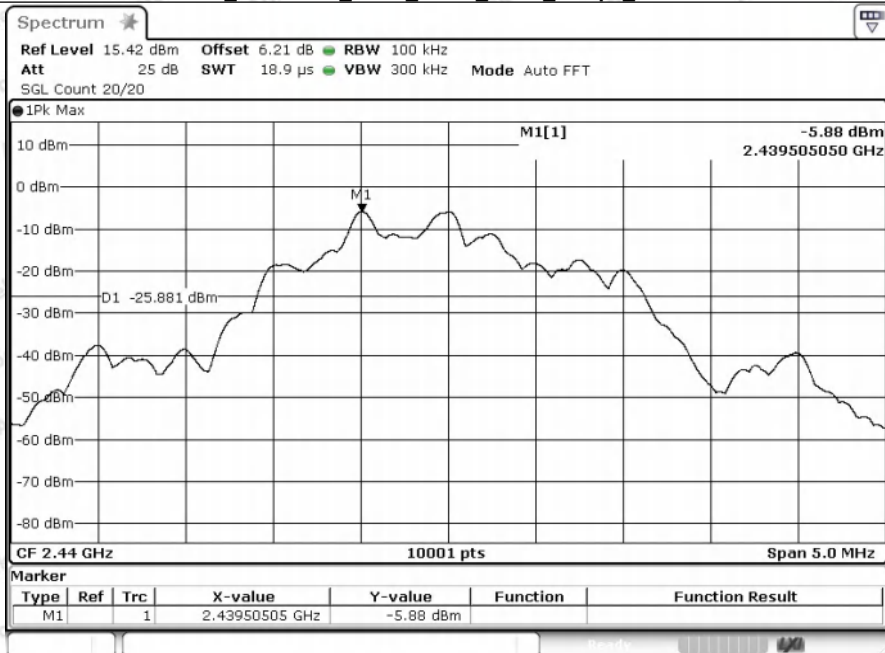
1_Reference_Level_NVNT_ANT1_2Mbps_2402



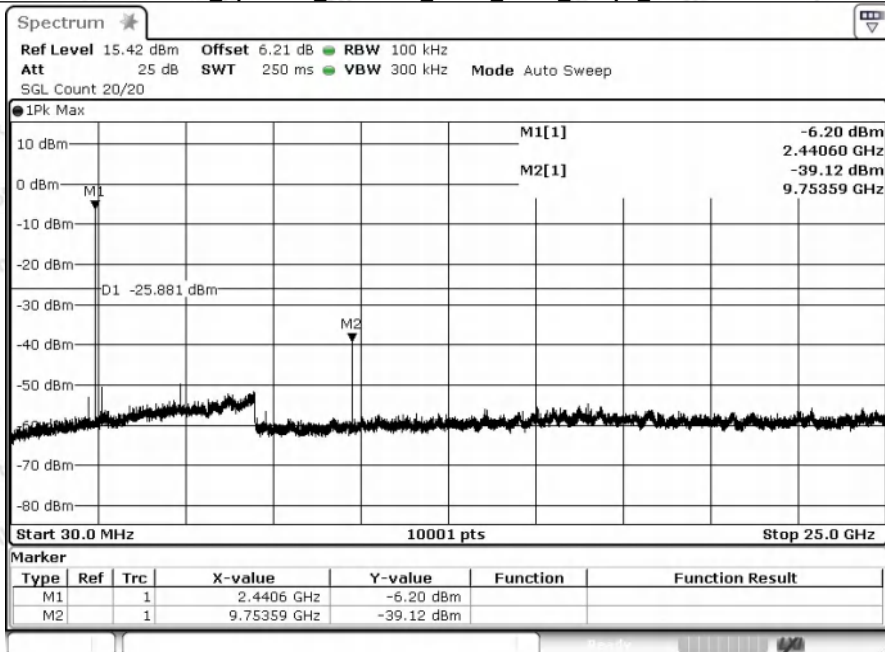
2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



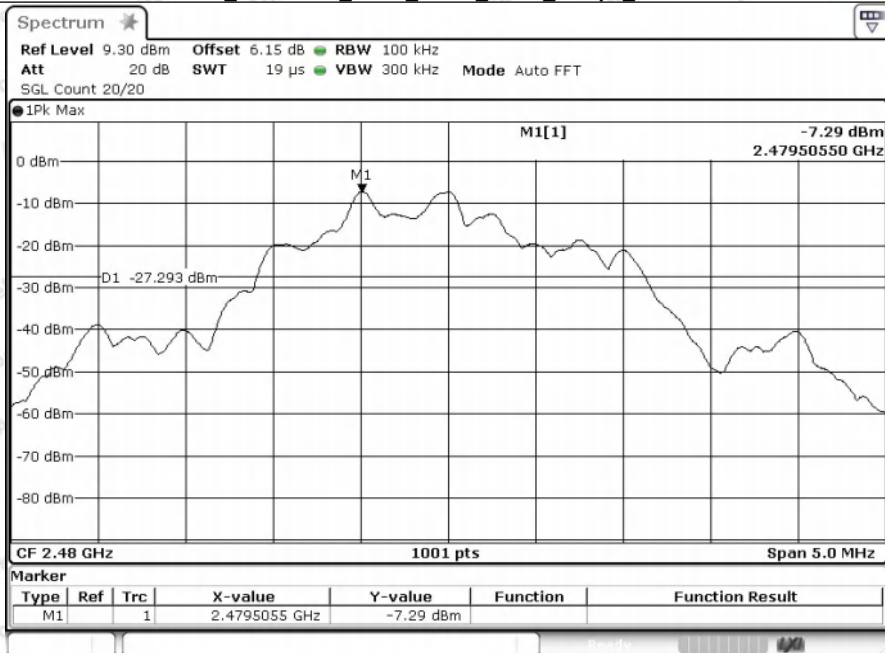
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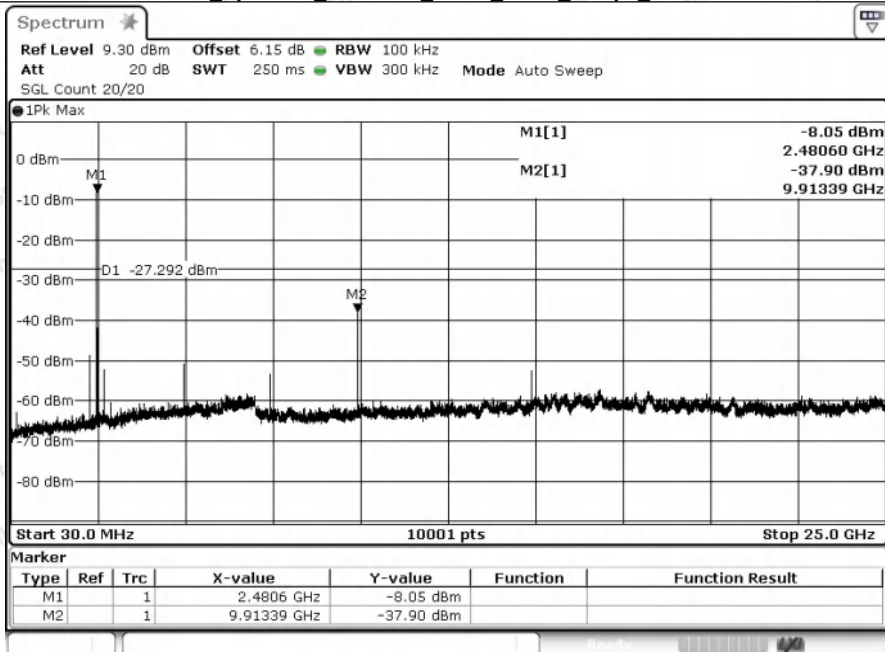
2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



---END---

