

Appendix Test Data

Report No.:	18220WC40075201	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	698.37	500	Pass
NVNT	ANT1	1Mbps	2440.00	683.26	500	Pass
NVNT	ANT1	1Mbps	2480	689.15	500	Pass
NVNT	ANT1	2Mbps	2402	1033.98	500	Pass
NVNT	ANT1	2Mbps	2440.00	1048.83	500	Pass
NVNT	ANT1	2Mbps	2480	1048.83	500	Pass

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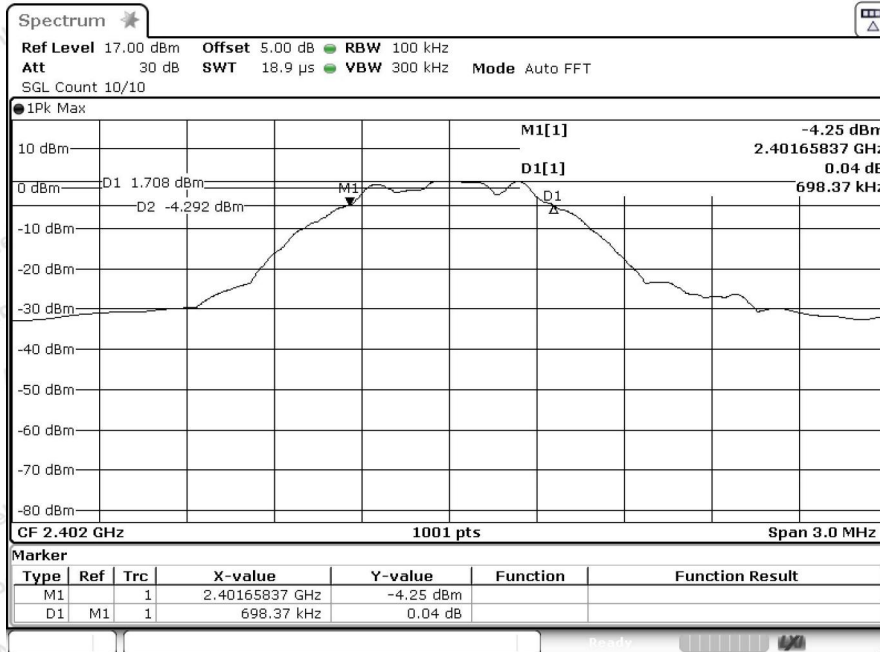
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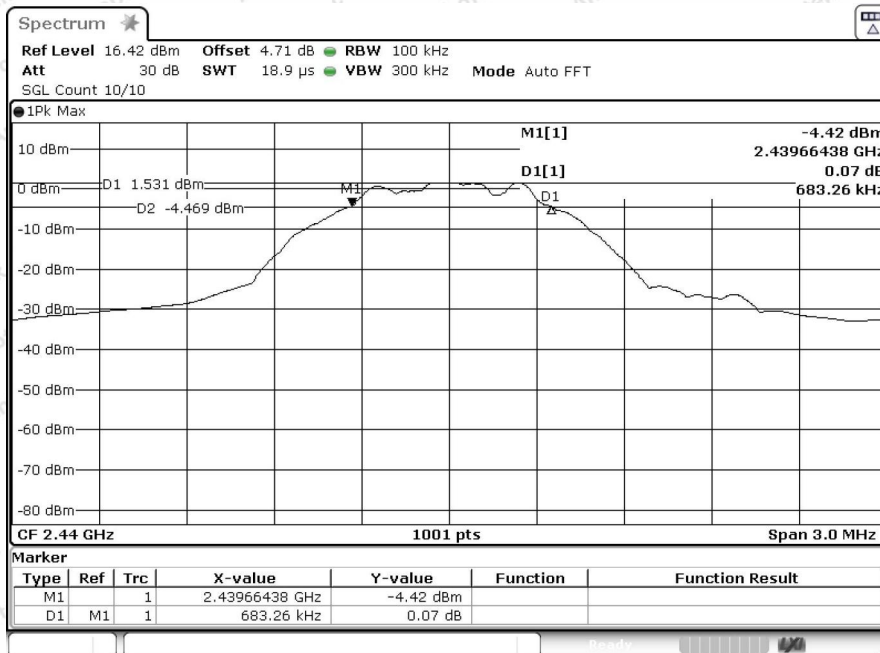
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-6dB_Bandwidth_NVNT_ANT1_1Mbps_2402



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2440



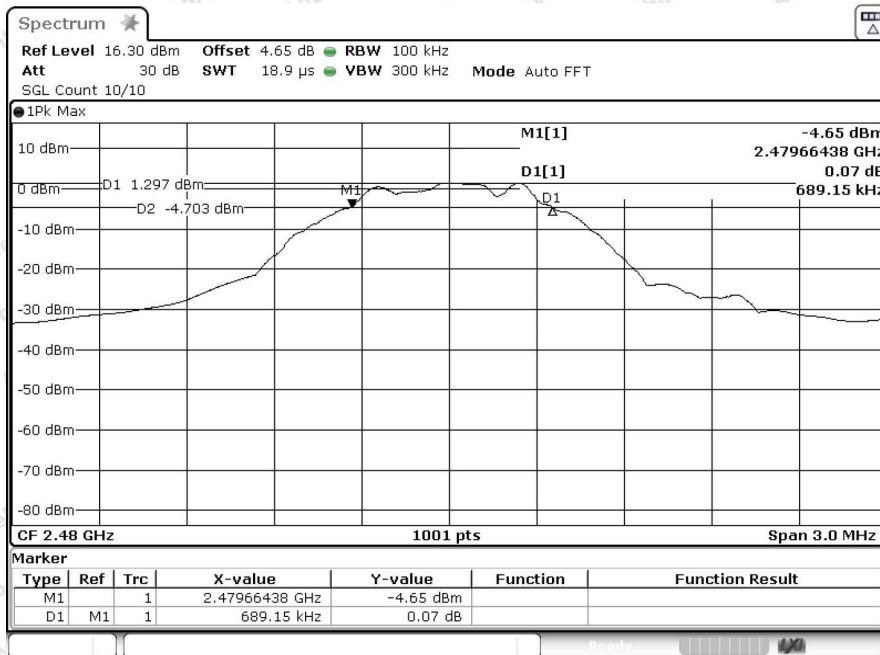
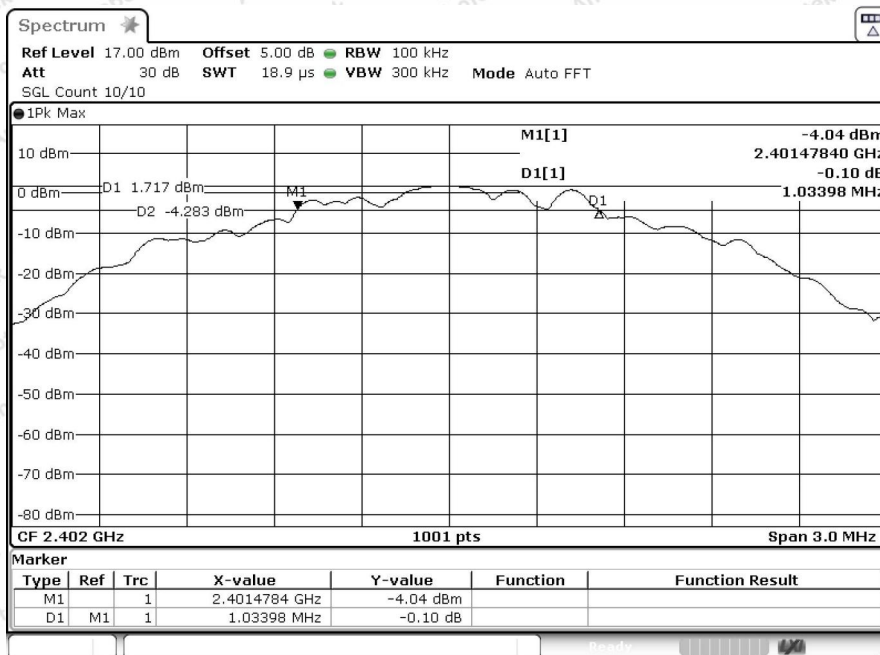
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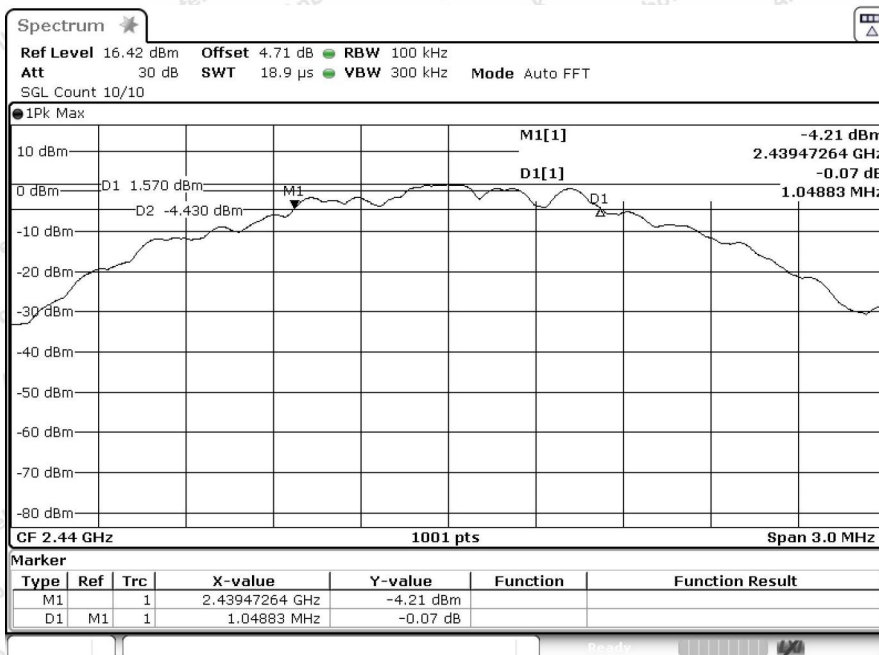


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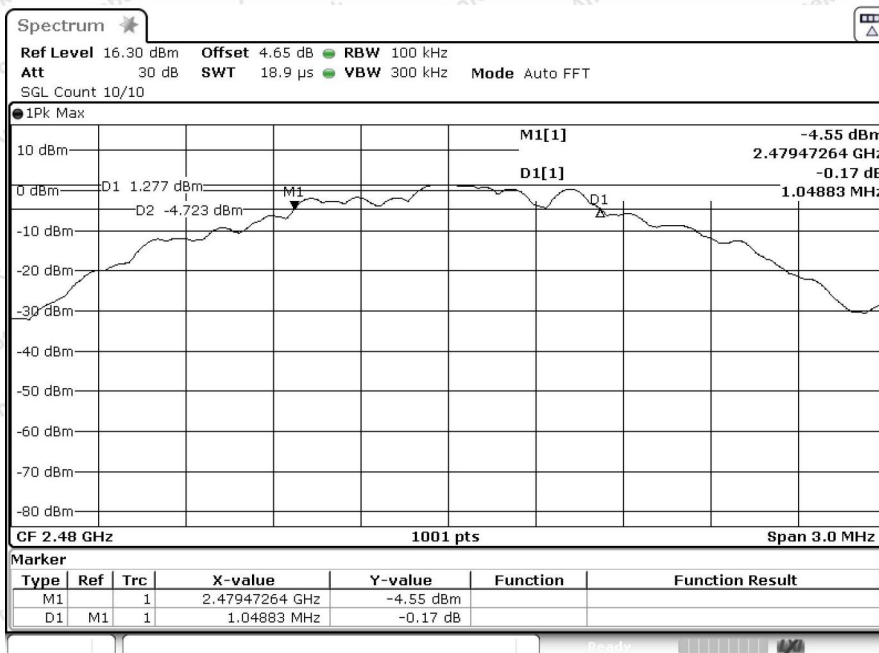


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480**-6dB_Bandwidth_NVNT_ANT1_2Mbps_2402**

-6dB_Bandwidth_NVNT_ANT1_2Mbps_2440



-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	1Mbps	2402	1.028
NVNT	ANT1	1Mbps	2440.00	1.028
NVNT	ANT1	1Mbps	2480	1.040
NVNT	ANT1	2Mbps	2402	2.014
NVNT	ANT1	2Mbps	2440.00	1.990
NVNT	ANT1	2Mbps	2480	1.990

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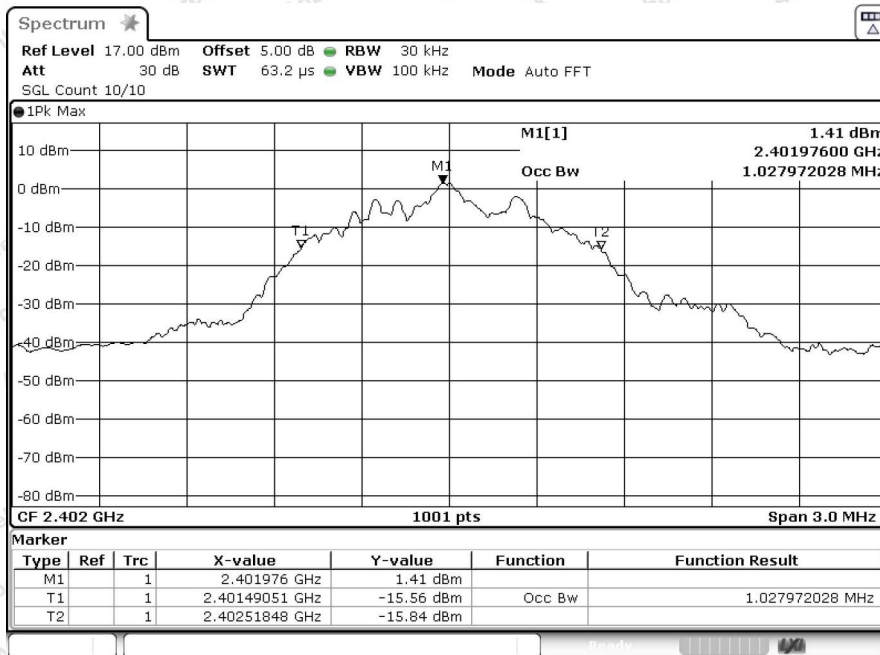
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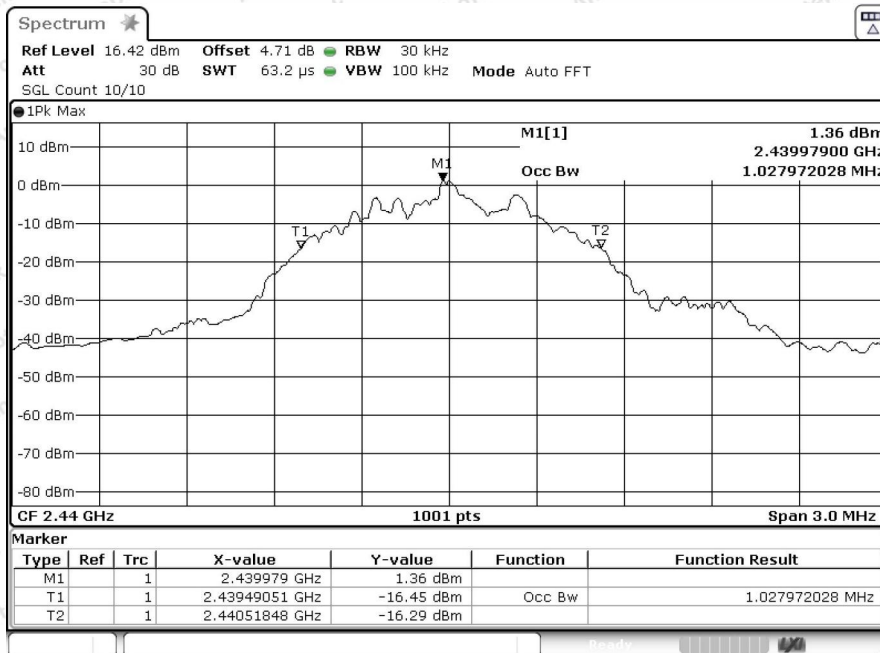
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99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2402



99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2440



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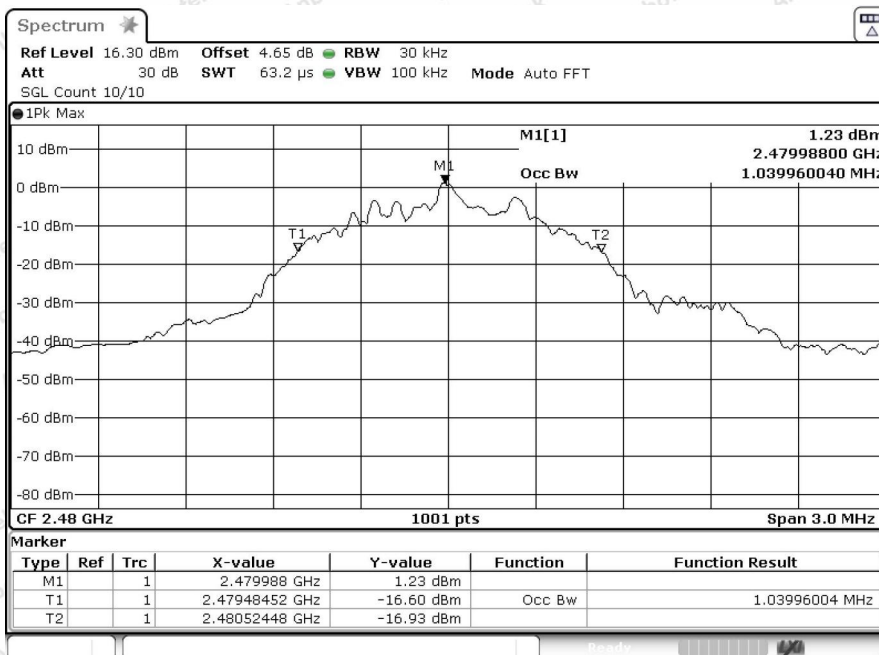
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



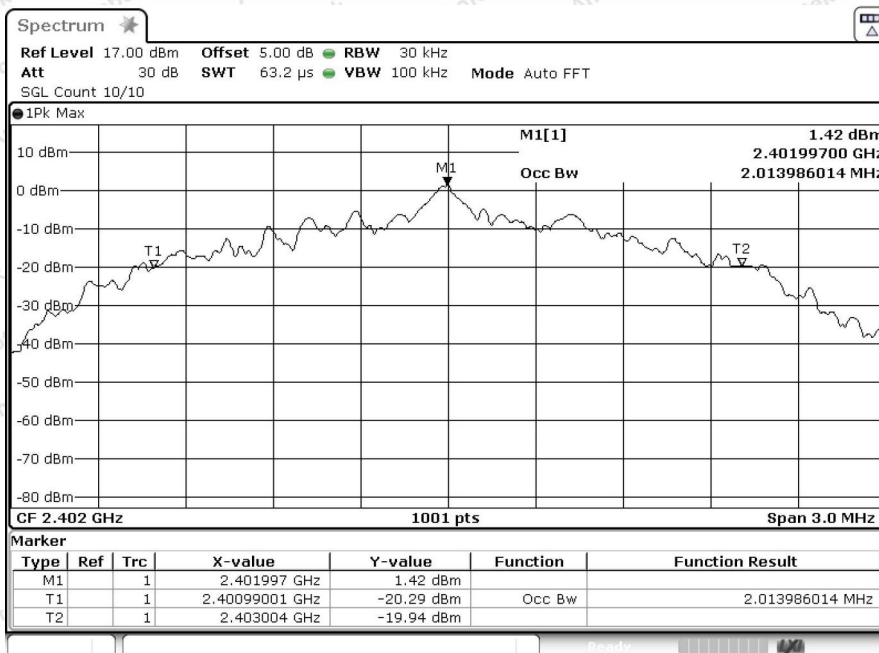
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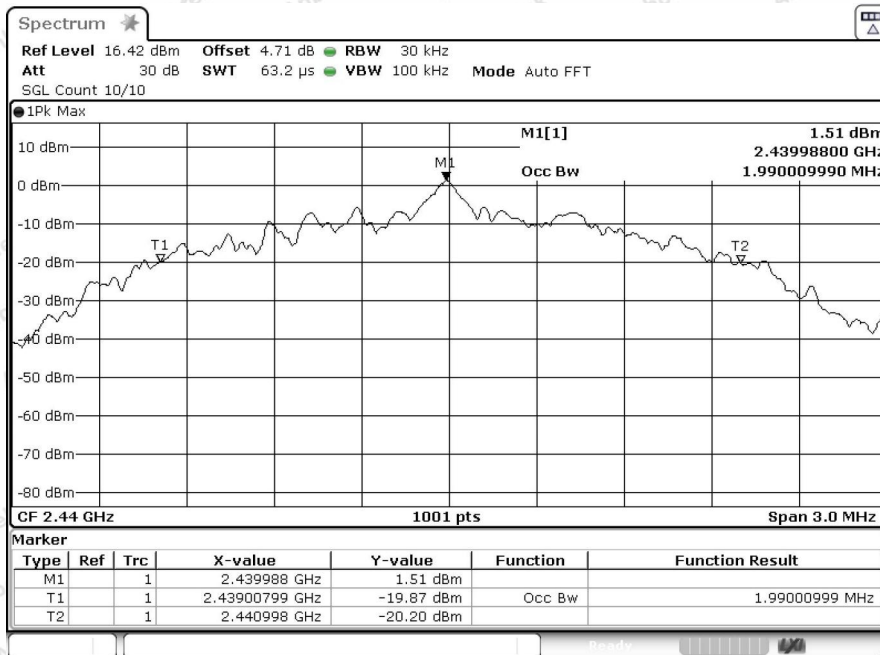
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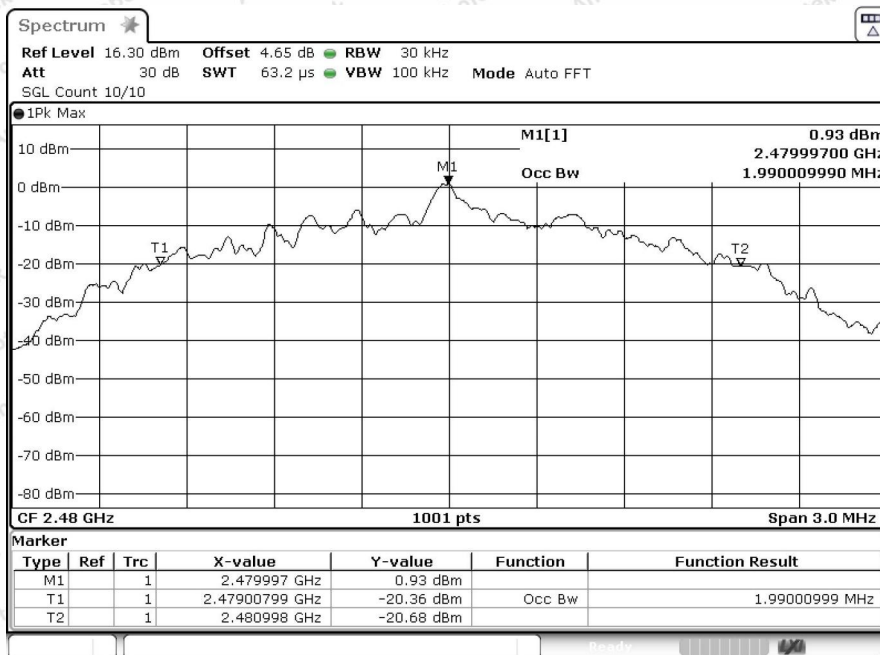
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99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2440



99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480



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Appendix C: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-35.881	-18.282	Pass
NVNT	ANT1	1Mbps	2480	2483.754	-42.432	-18.701	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-33.541	-18.271	Pass
NVNT	ANT1	2Mbps	2480	2483.604	-42.240	-18.713	Pass

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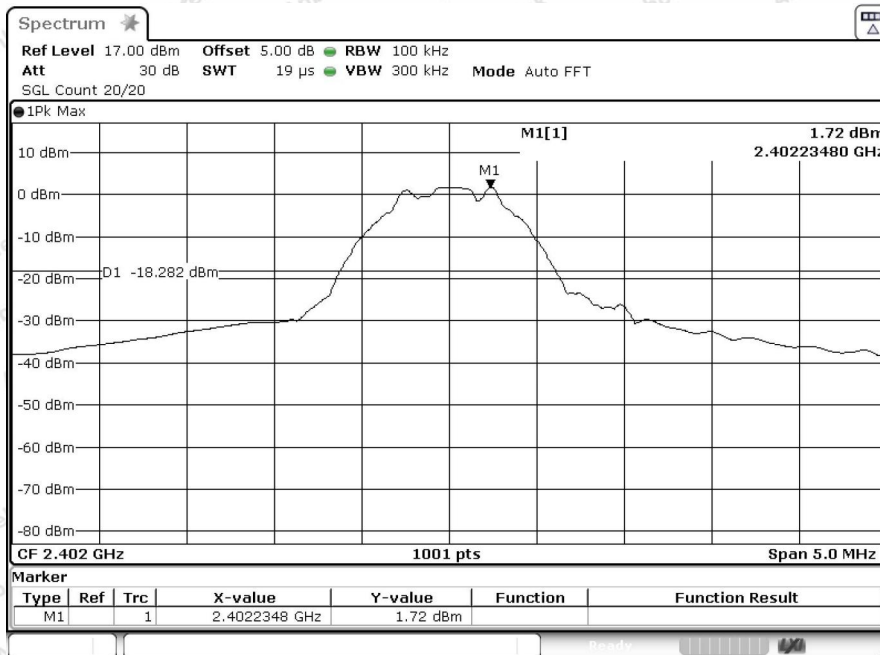
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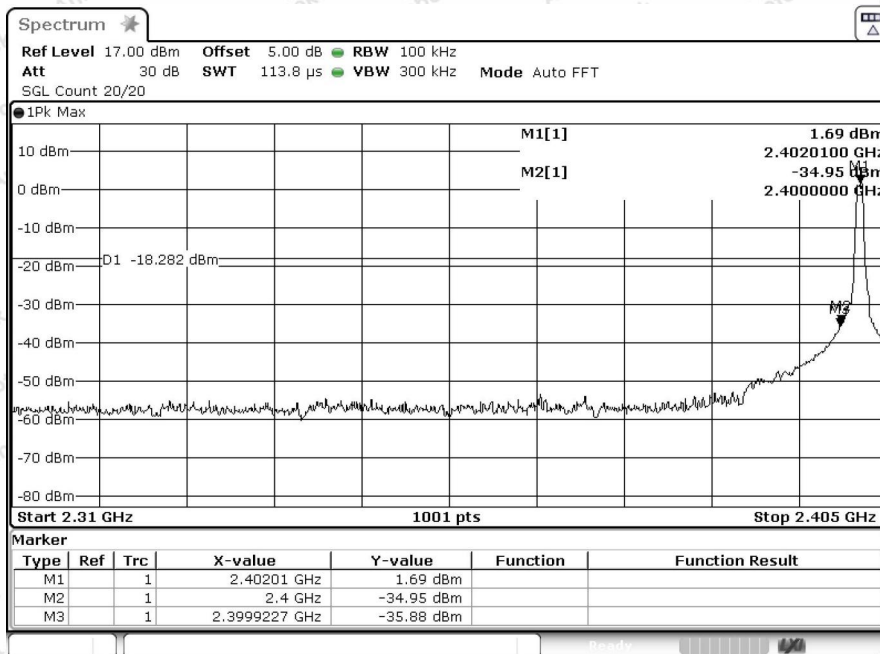
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1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402



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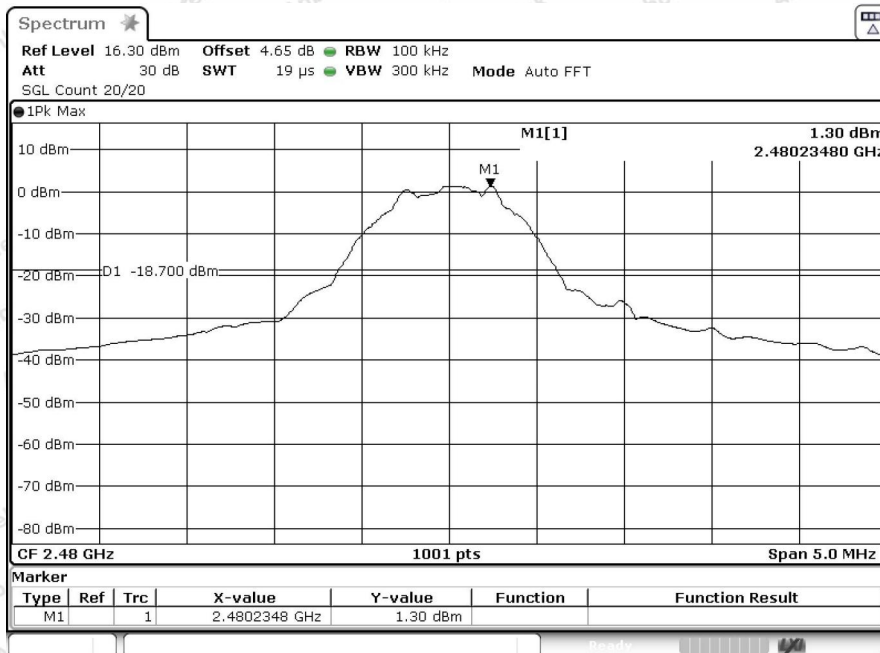
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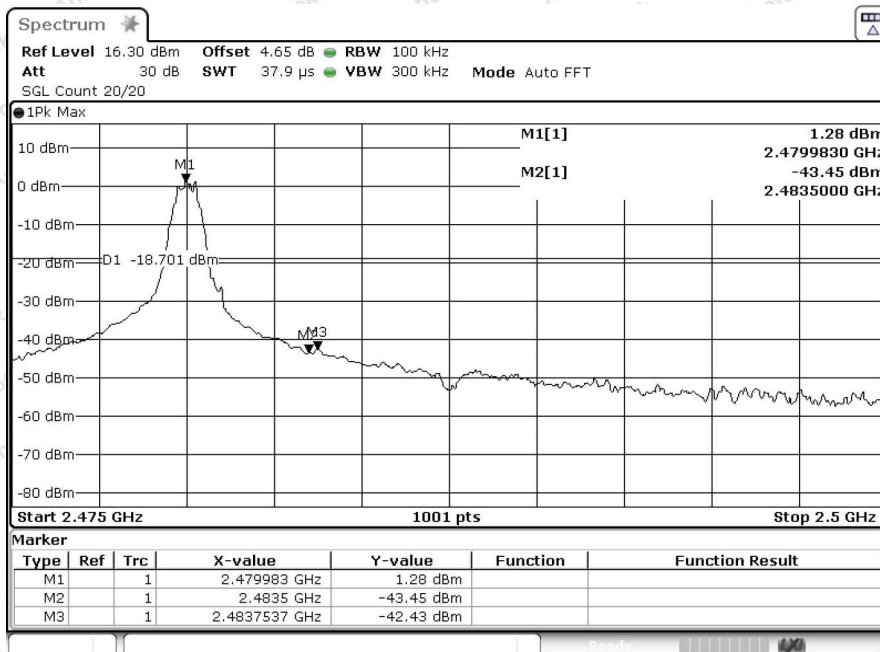
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



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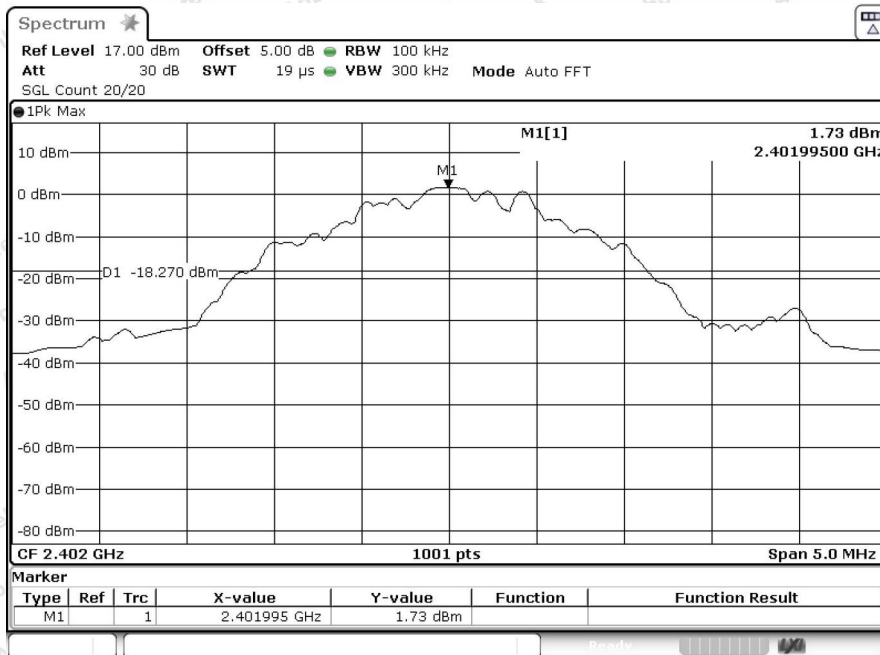
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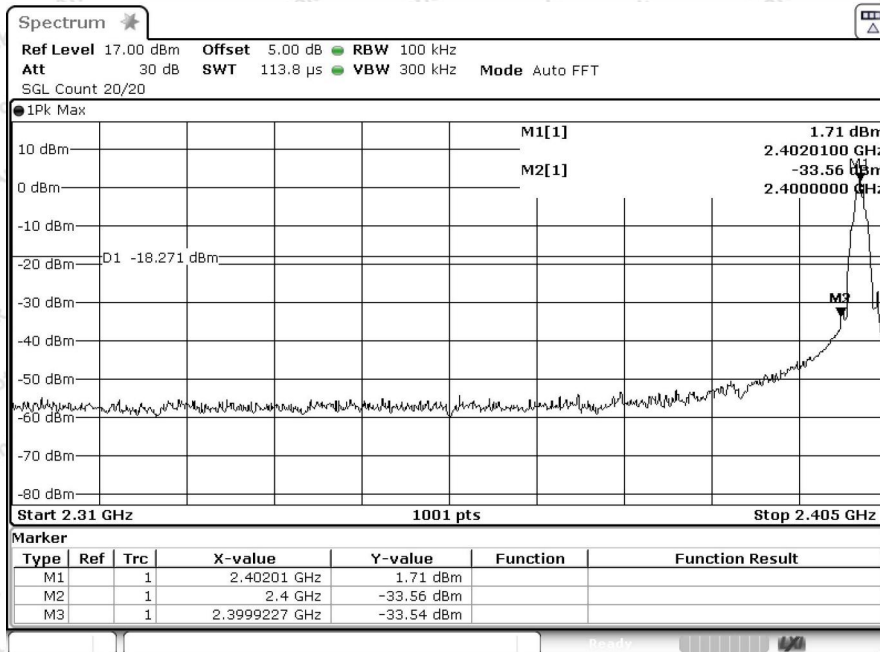
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1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Bandedge_NVNT_ANT1_2Mbps_2402



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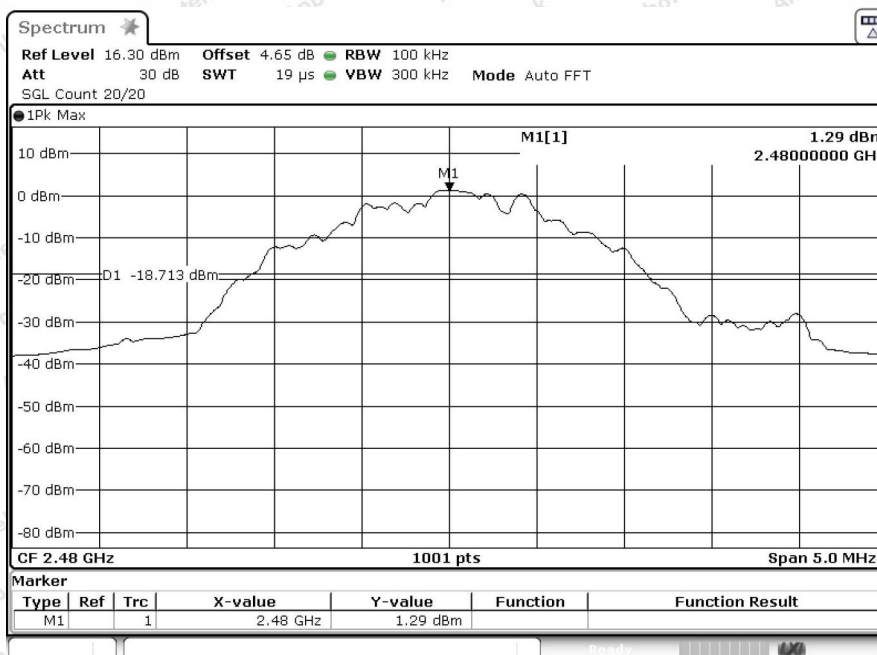
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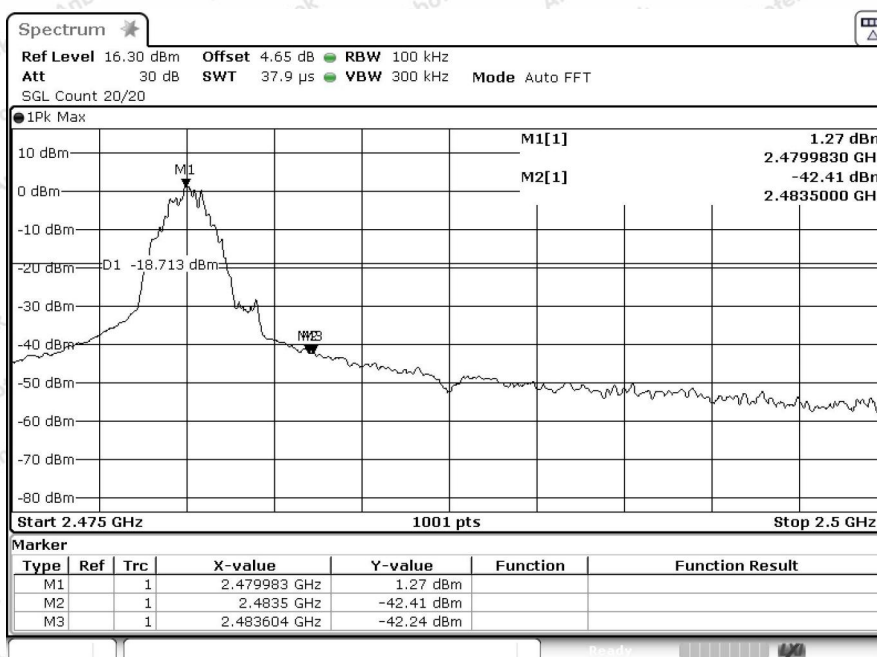
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1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Bandedge_NVNT_ANT1_2Mbps_2480



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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	1.79	1.51	1000	Pass
NVNT	ANT1	1Mbps	2440.00	1.67	1.47	1000	Pass
NVNT	ANT1	1Mbps	2480	1.36	1.37	1000	Pass
NVNT	ANT1	2Mbps	2402	1.83	1.52	1000	Pass
NVNT	ANT1	2Mbps	2440.00	1.66	1.47	1000	Pass
NVNT	ANT1	2Mbps	2480	1.35	1.37	1000	Pass

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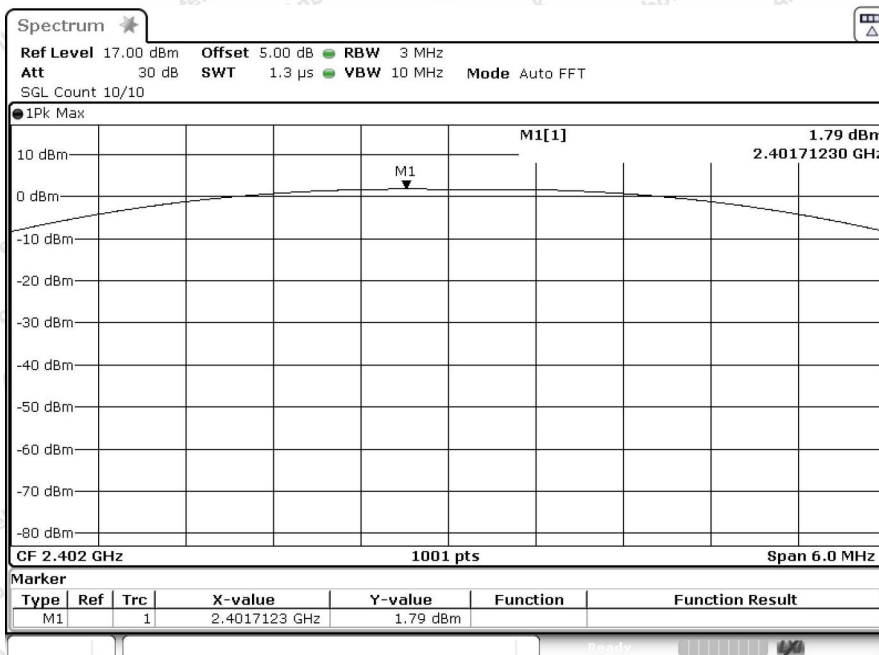
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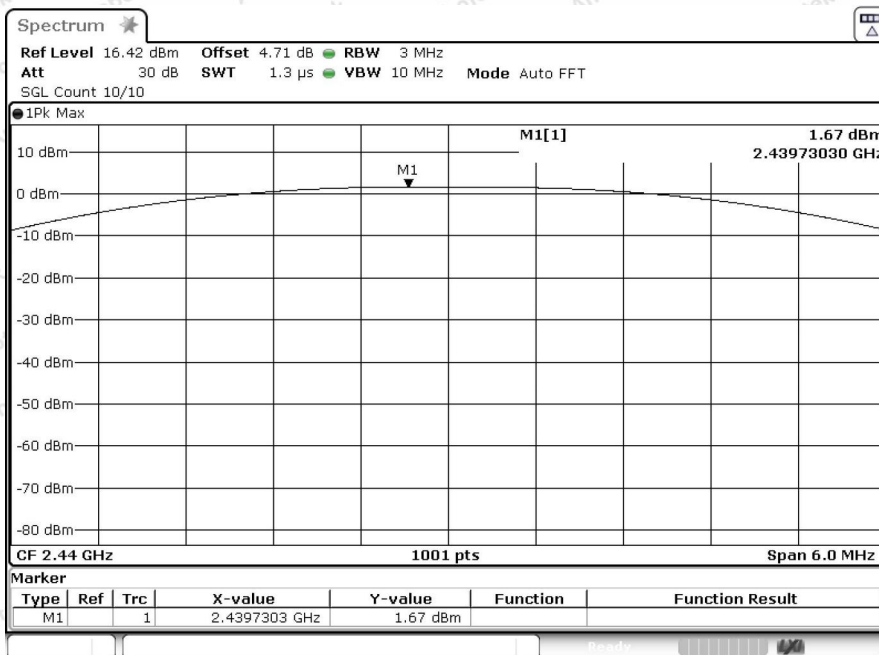
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Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



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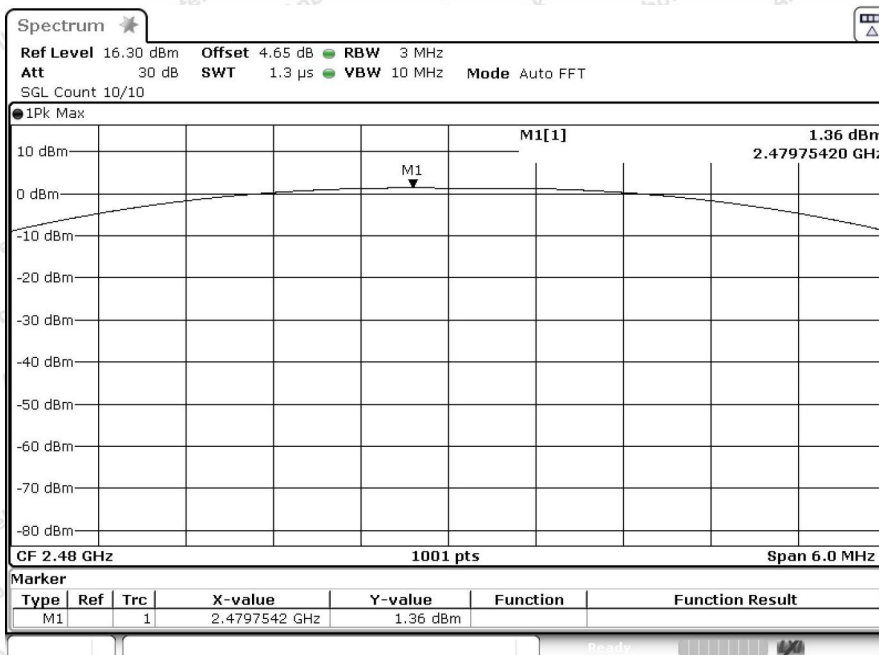
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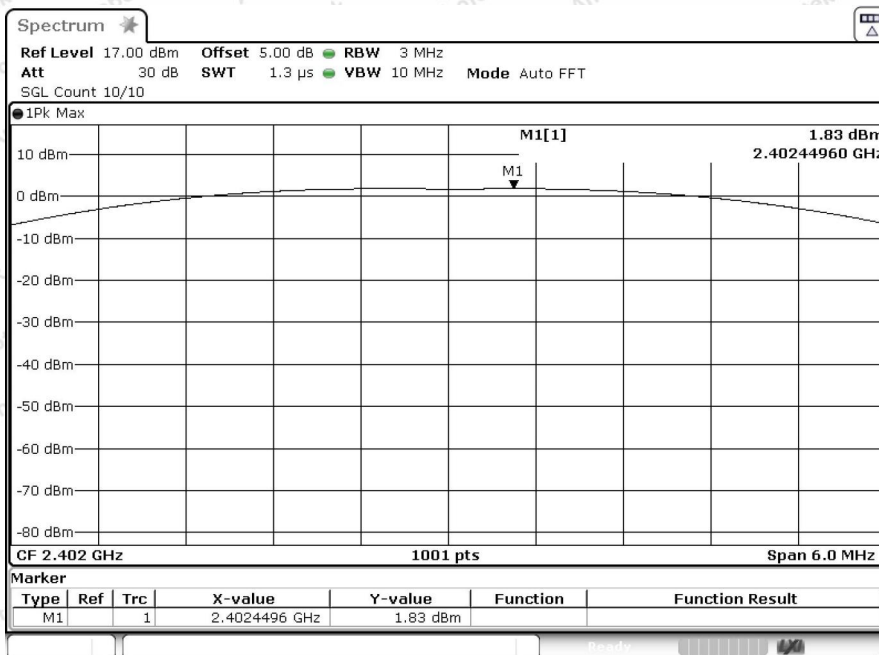
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Peak_Output_Power_NVNT_ANT1_1Mbps_2480



Peak_Output_Power_NVNT_ANT1_2Mbps_2402



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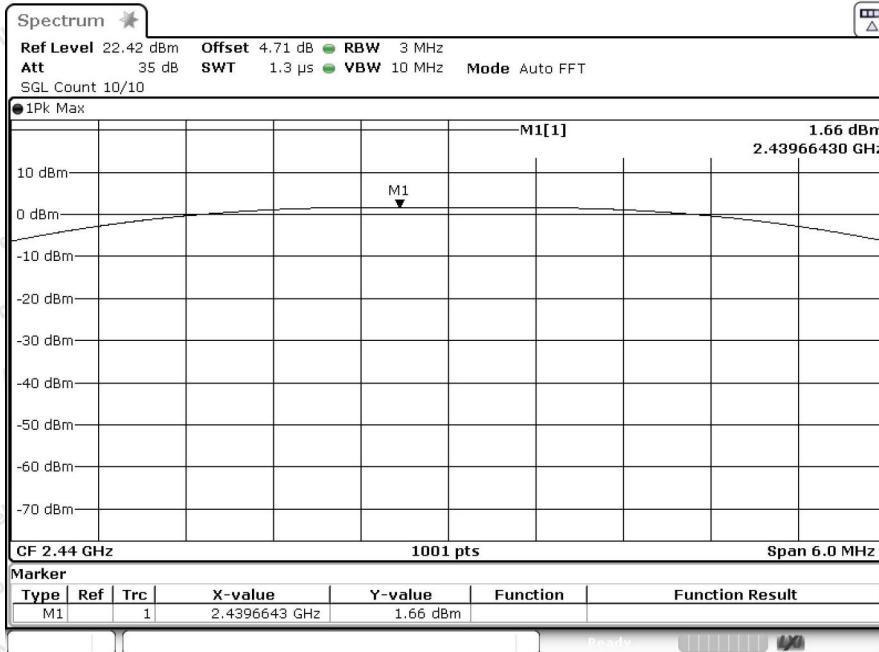
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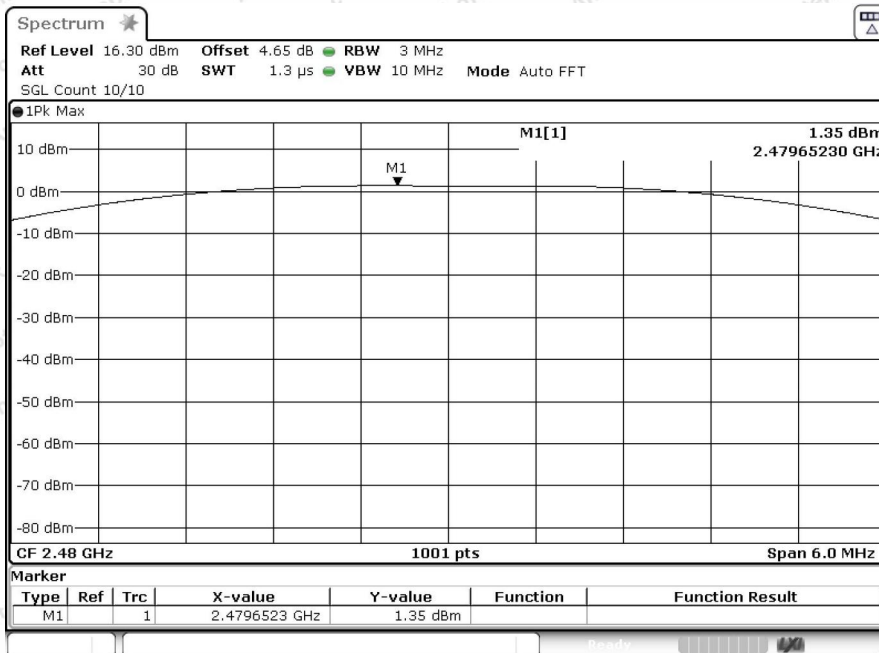
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Peak_Output_Power_NVNT_ANT1_2Mbps_2440



Peak_Output_Power_NVNT_ANT1_2Mbps_2480



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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	-11.26	8	Pass
NVNT	ANT1	1Mbps	2440.00	-11.10	8	Pass
NVNT	ANT1	1Mbps	2480	-10.70	8	Pass
NVNT	ANT1	2Mbps	2402	-12.28	8	Pass
NVNT	ANT1	2Mbps	2440.00	-11.27	8	Pass
NVNT	ANT1	2Mbps	2480	-12.10	8	Pass

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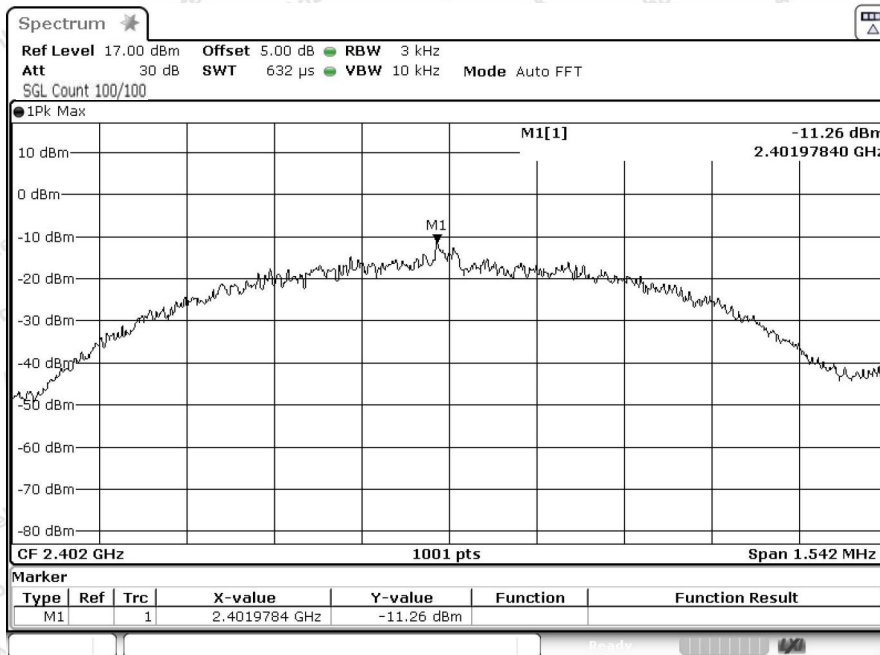
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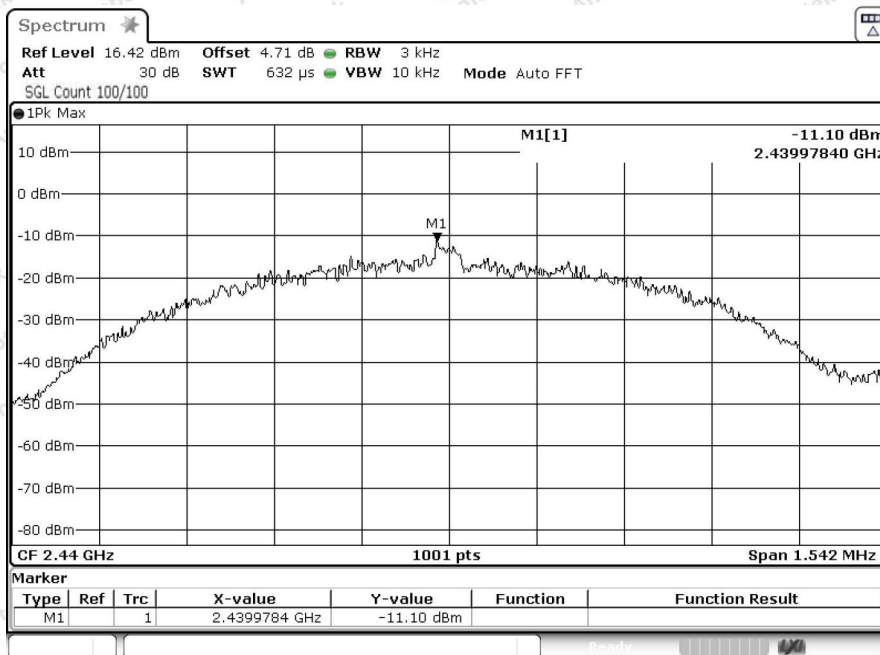
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Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



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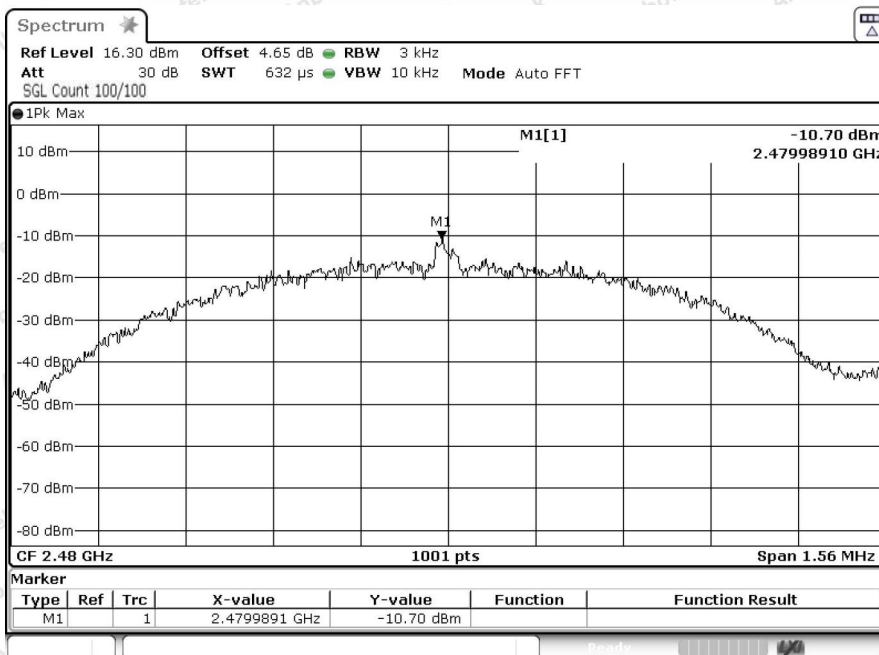
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



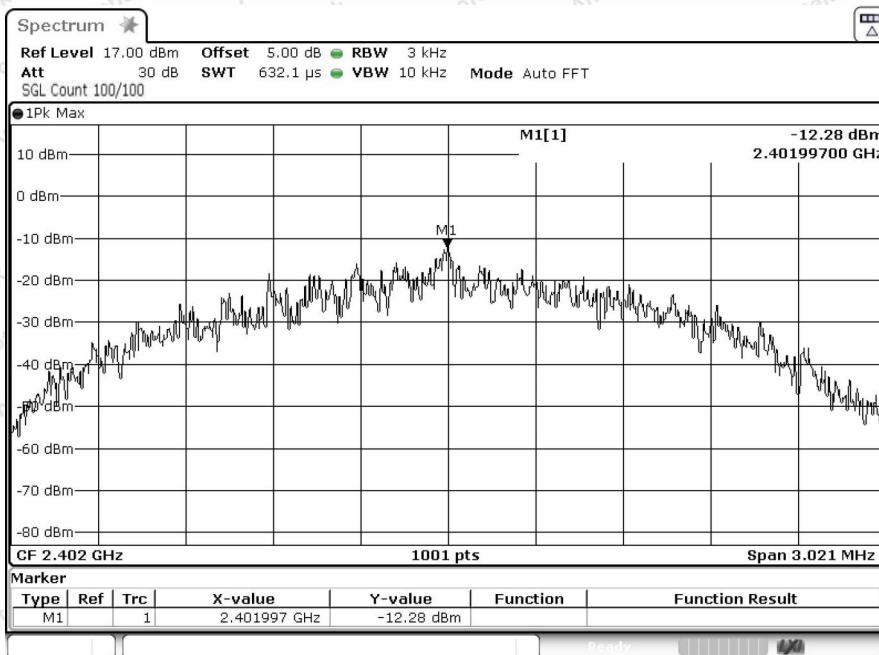
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Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



Power_Spectral_Density_NVNT_ANT1_2Mbps_2402



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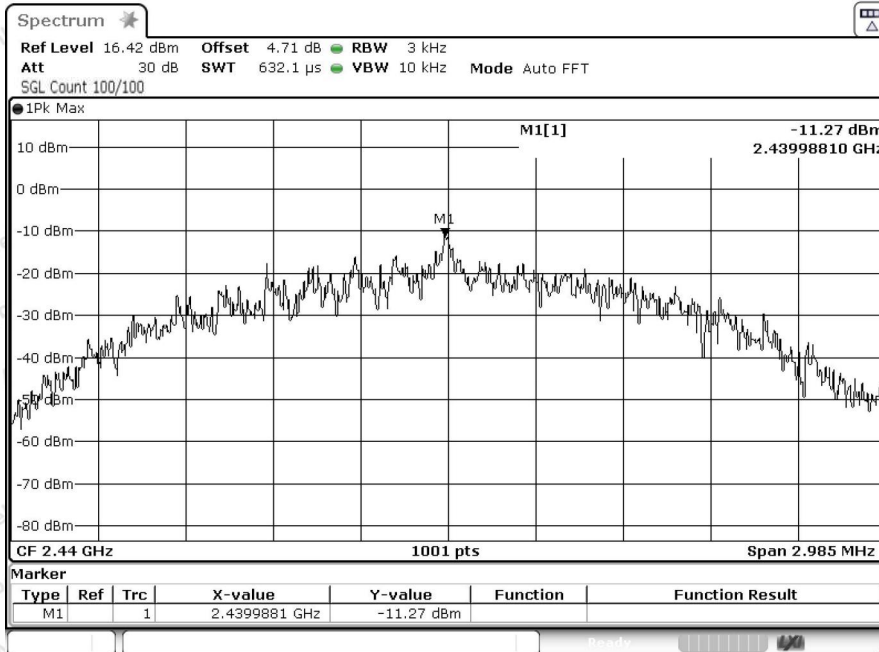


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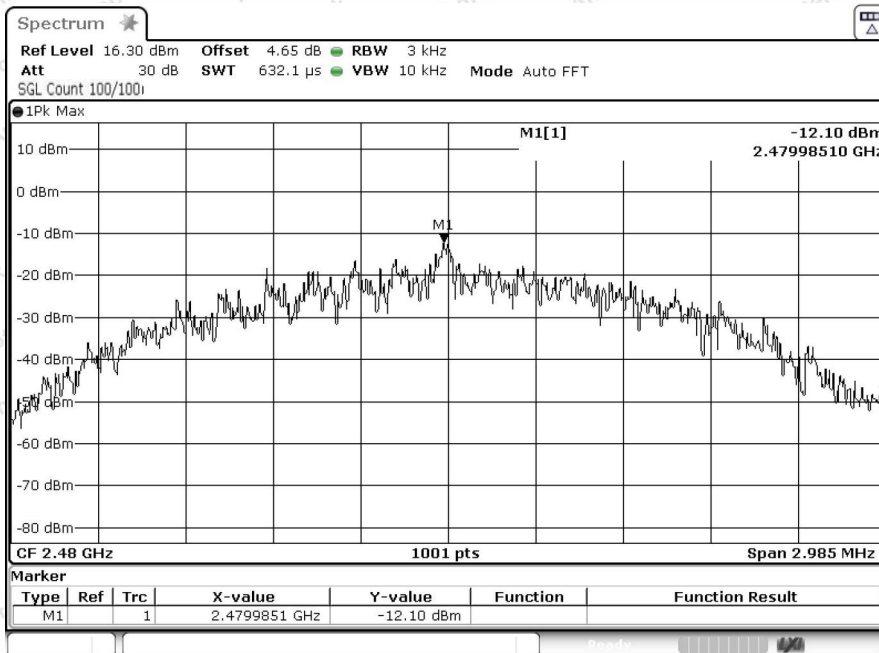
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Power_Spectral_Density_NVNT_ANT1_2Mbps_2440



Power_Spectral_Density_NVNT_ANT1_2Mbps_2480



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Appendix F: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-46.123	-18.282	Pass
NVNT	ANT1	1Mbps	2440.00	-48.518	-18.449	Pass
NVNT	ANT1	1Mbps	2480	-48.559	-18.701	Pass
NVNT	ANT1	2Mbps	2402	-47.891	-18.271	Pass
NVNT	ANT1	2Mbps	2440.00	-49.057	-18.438	Pass
NVNT	ANT1	2Mbps	2480	-48.623	-18.713	Pass

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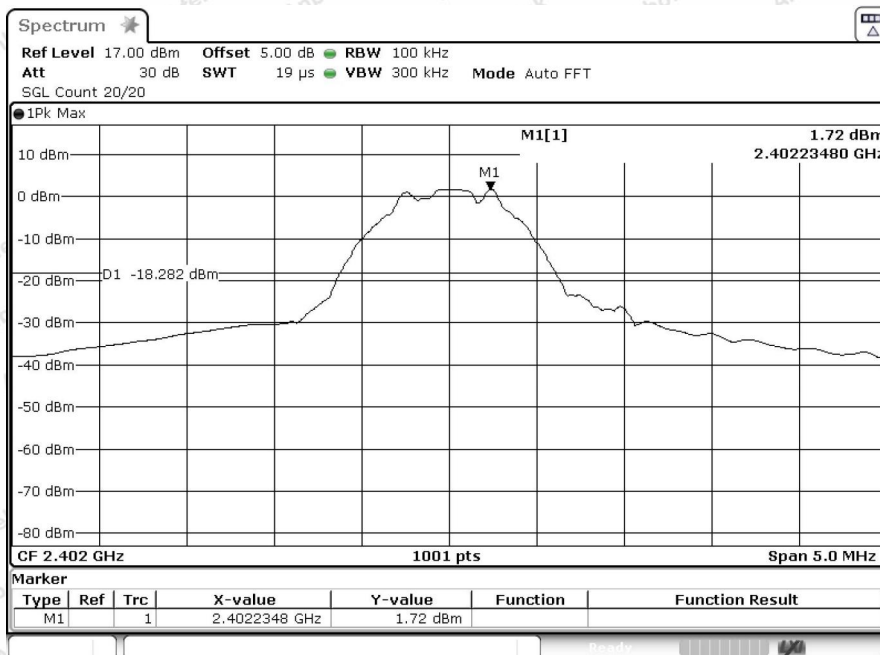
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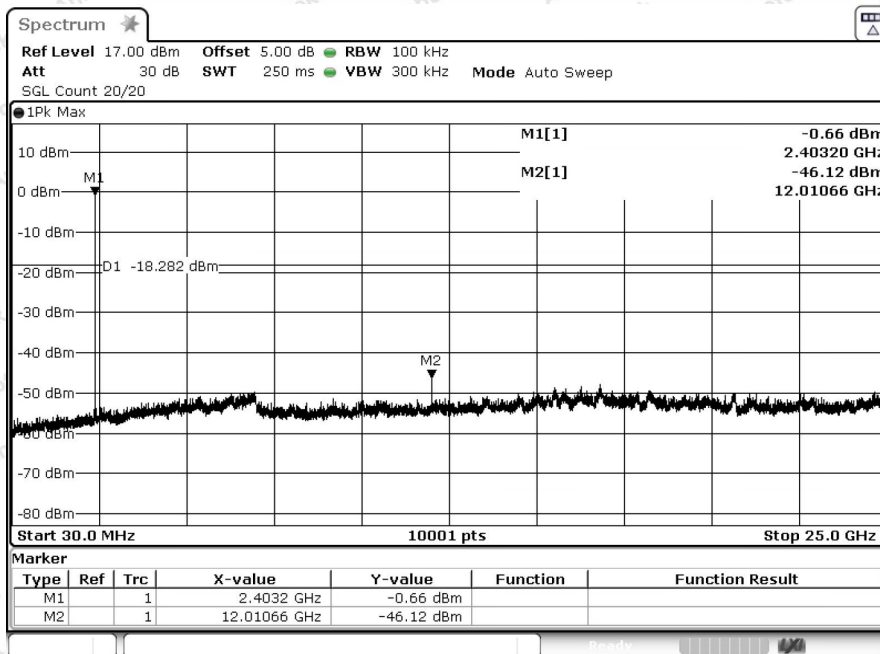
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1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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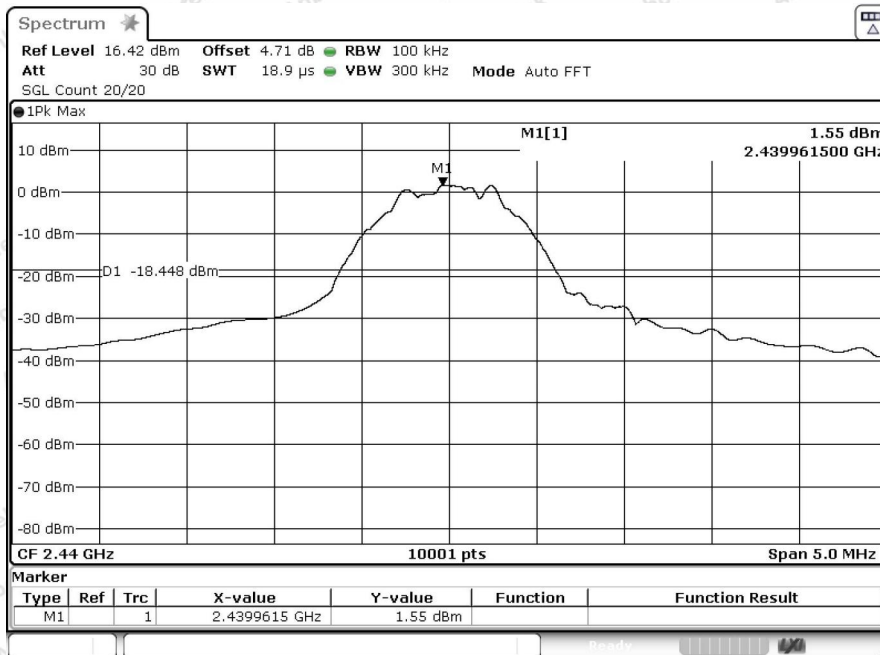
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



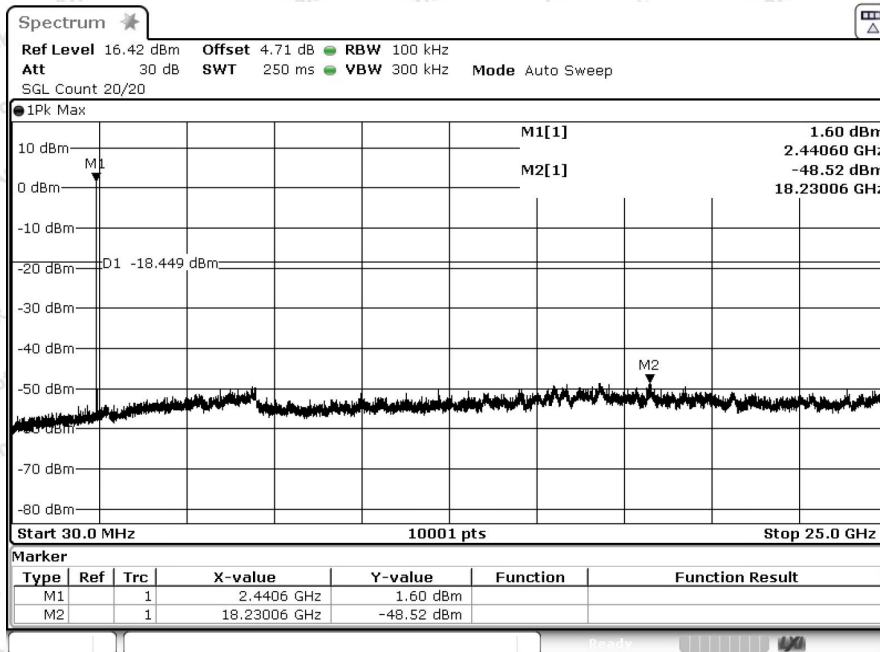
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1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



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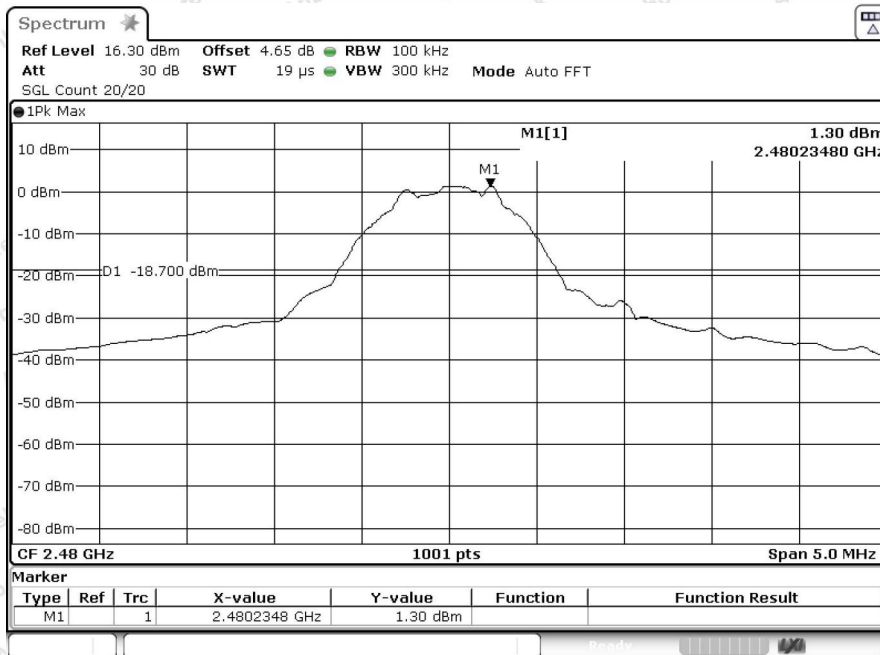
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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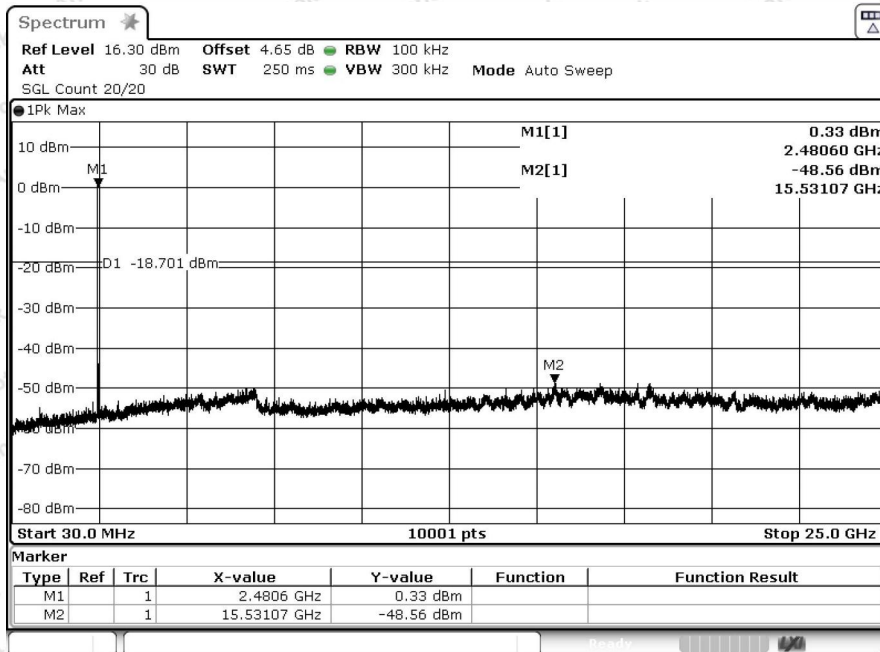
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1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480



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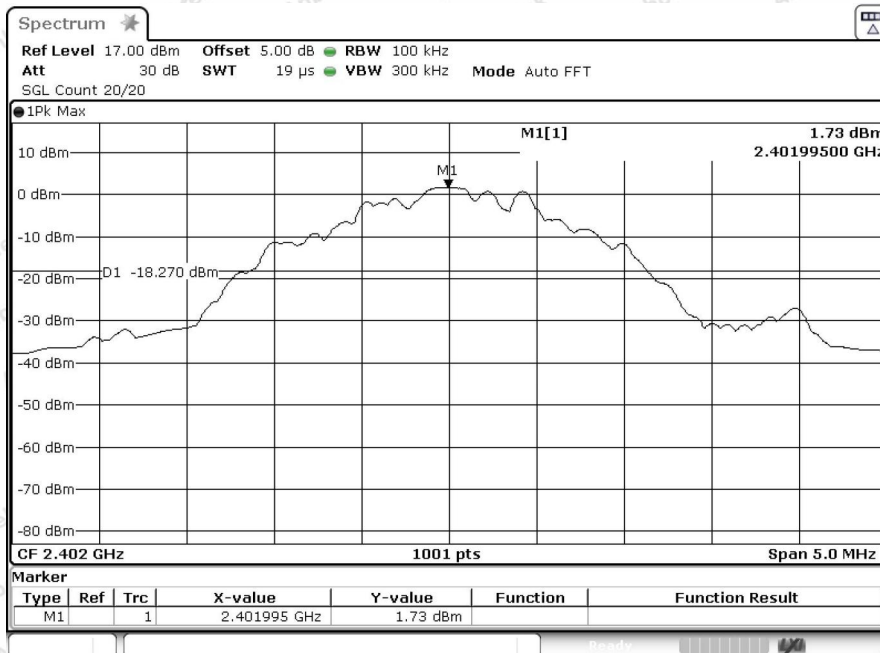
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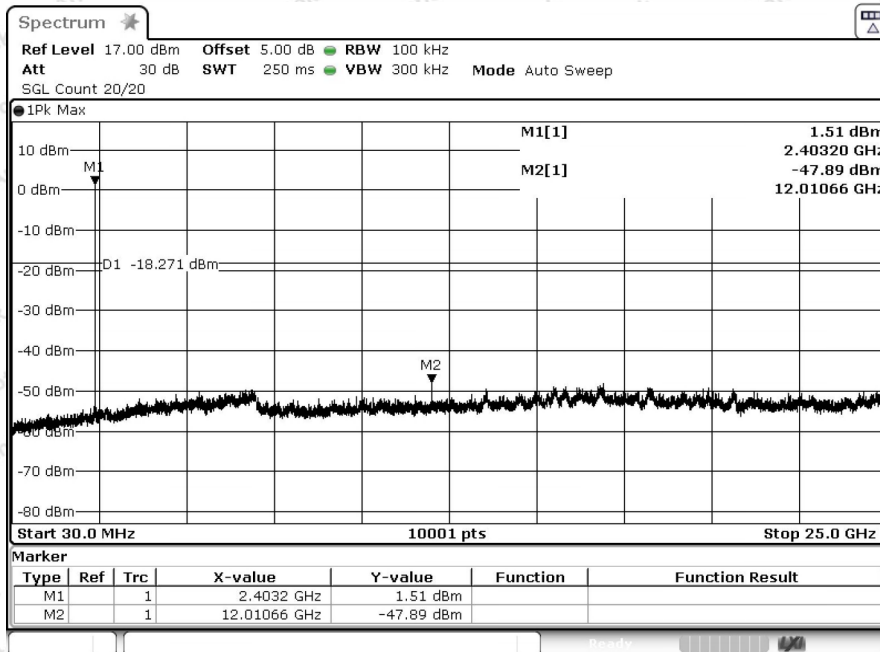
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1_Reference_Level_NVNT_ANT1_2Mbps_2402



2_Spurious_Emission_NVNT_ANT1_2Mbps_2402



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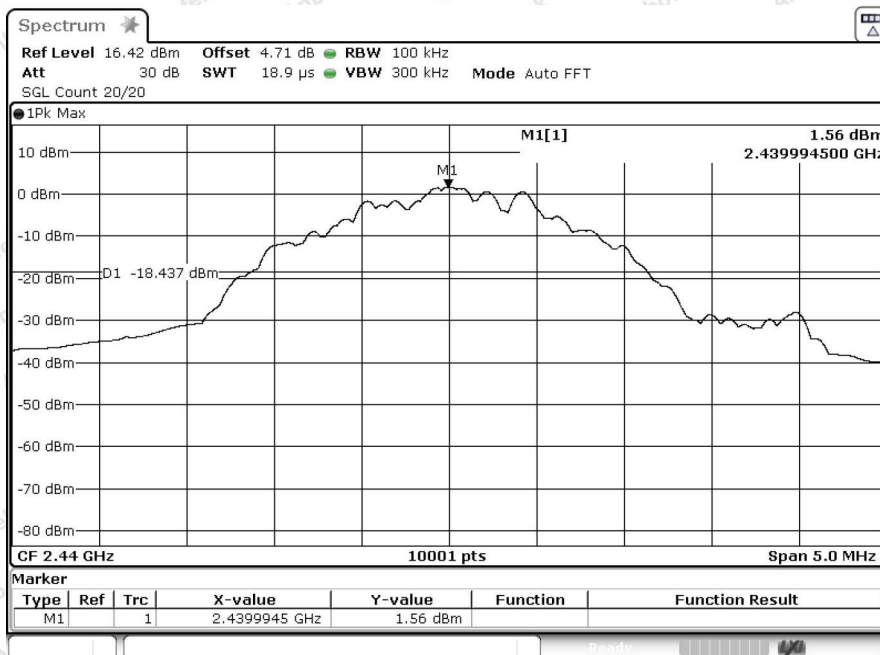
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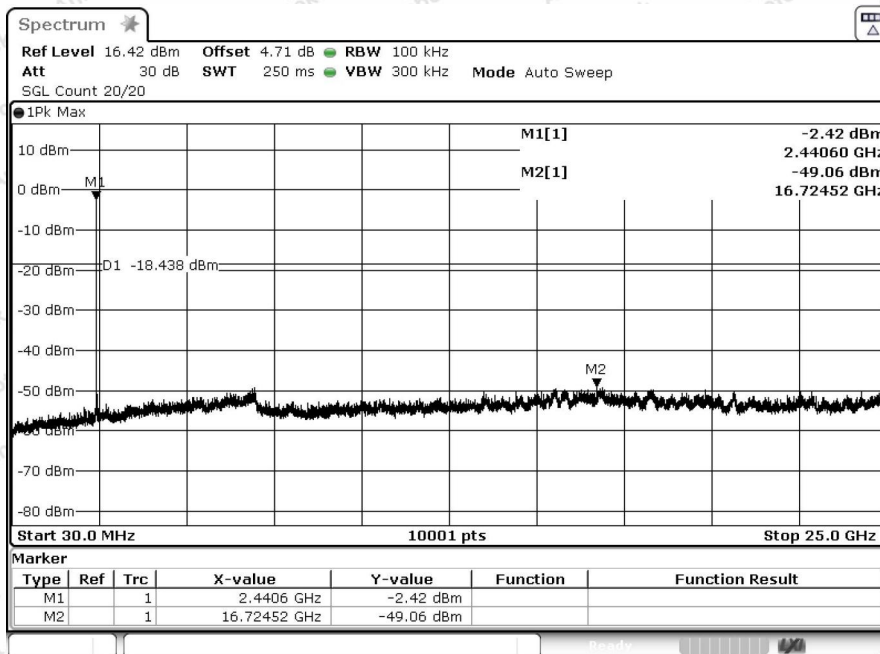
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1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



Shenzhen Anbotek Compliance Laboratory Limited

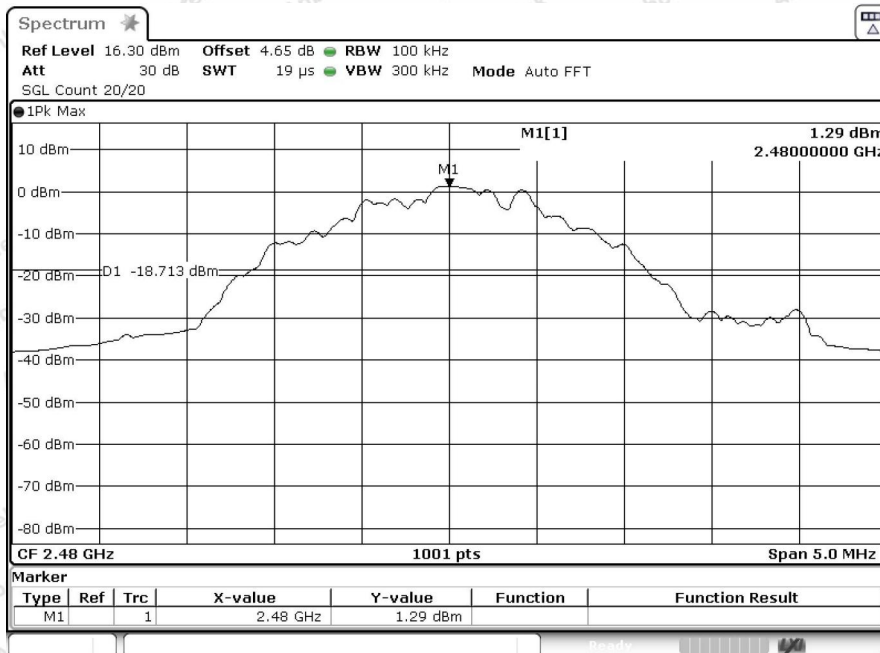
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



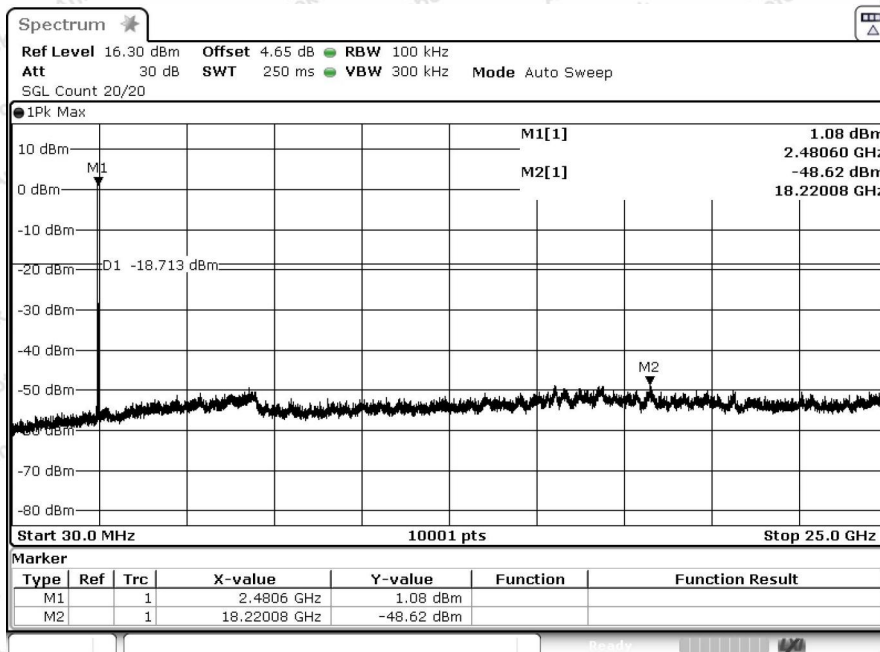
Hotline
400-003-0500
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1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480



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