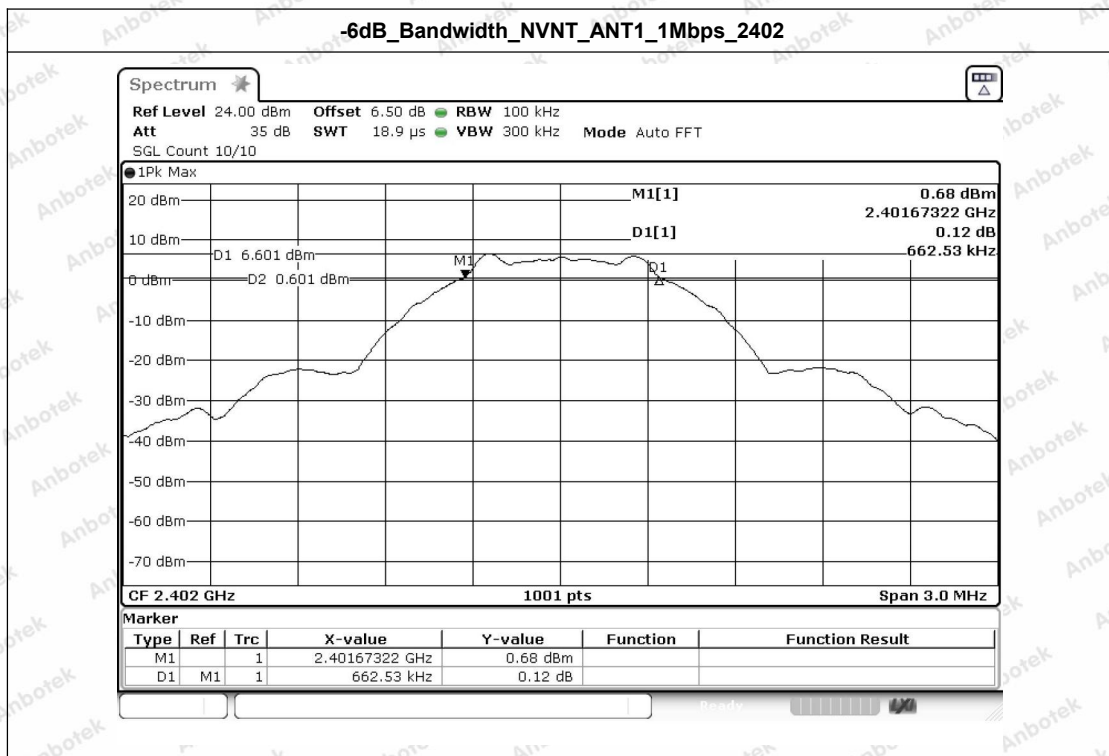


## Appendix Test Data

Report No.:	18220WC400075602	Test Sample No.:	1-2-2
Start Test Date:	2024.4.17	Finish Test Date:	2024.4.17
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
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	662.53	500	Pass
NVNT	ANT1	1Mbps	2440.00	662.27	500	Pass
NVNT	ANT1	1Mbps	2480	665.34	500	Pass
NVNT	ANT1	2Mbps	2402	1132.80	500	Pass
NVNT	ANT1	2Mbps	2440.00	1135.87	500	Pass
NVNT	ANT1	2Mbps	2480	1135.87	500	Pass



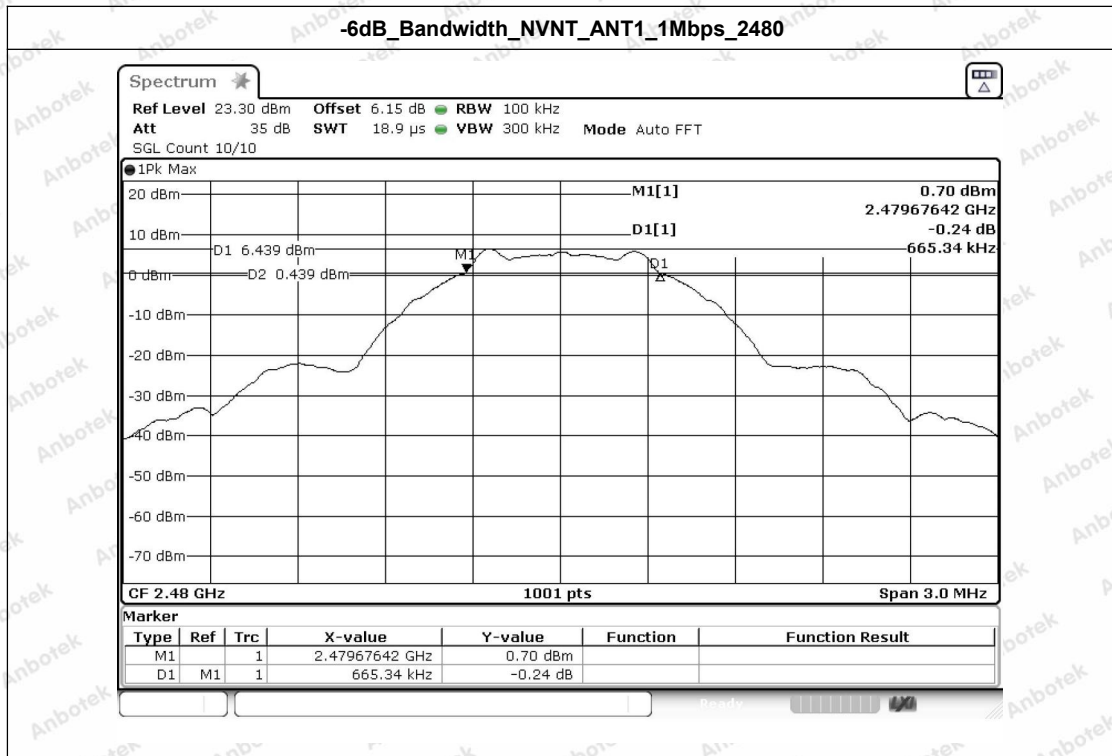
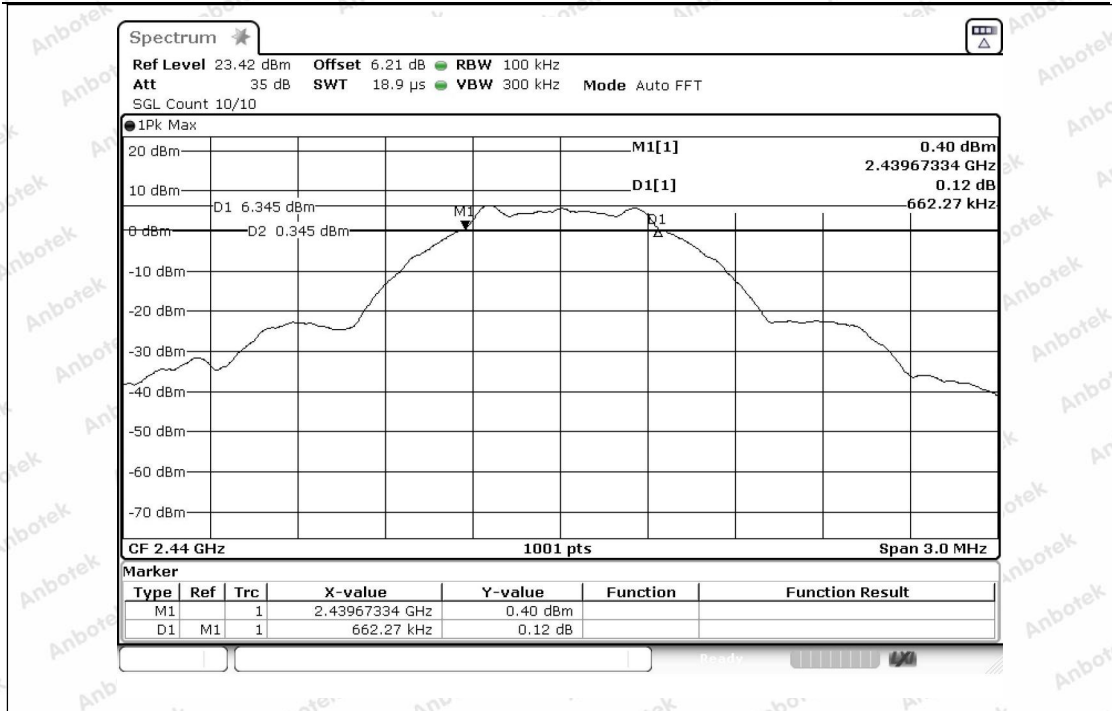
**-6dB\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440**

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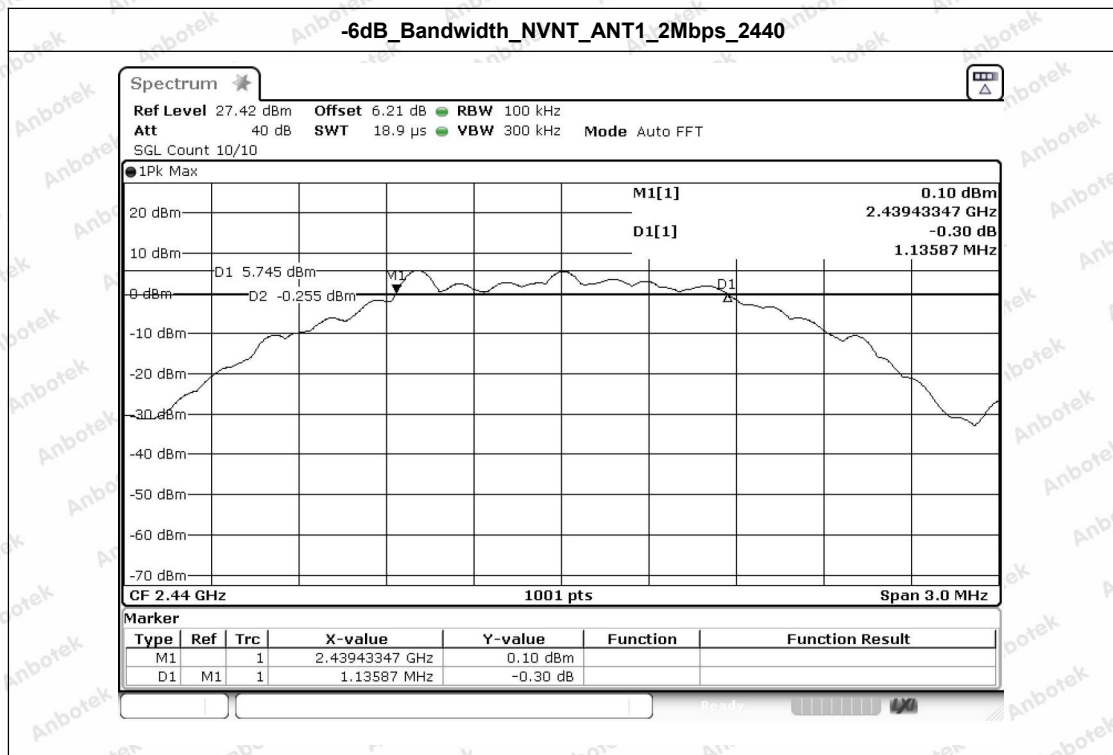
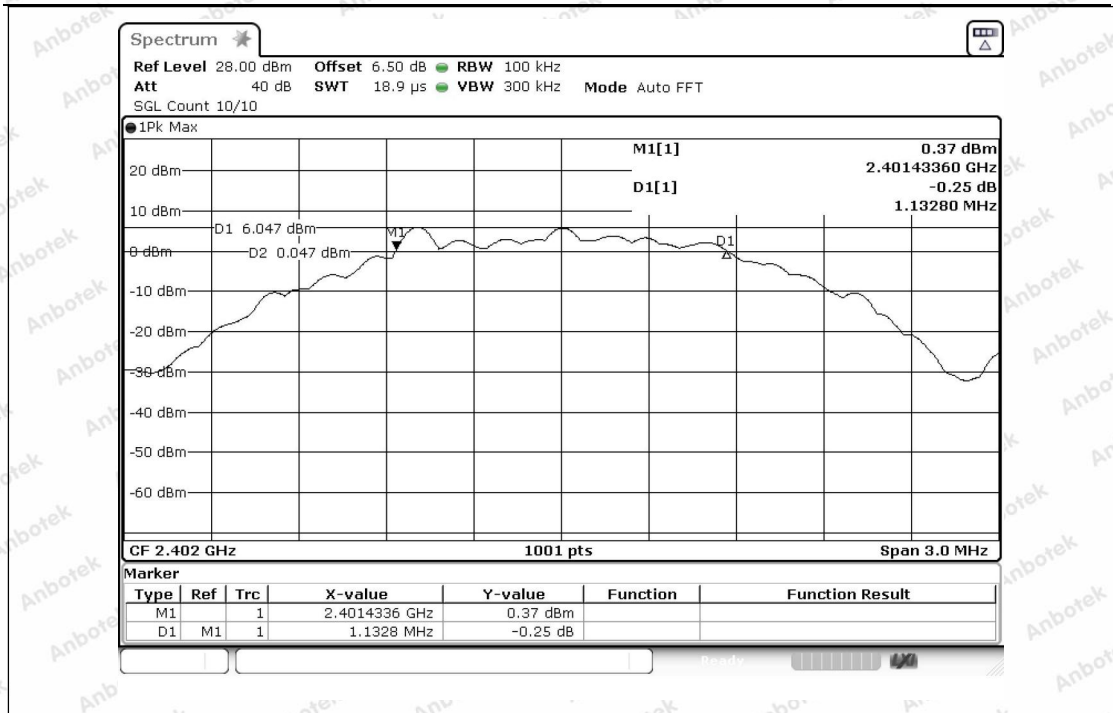
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**-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402**





**-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480**

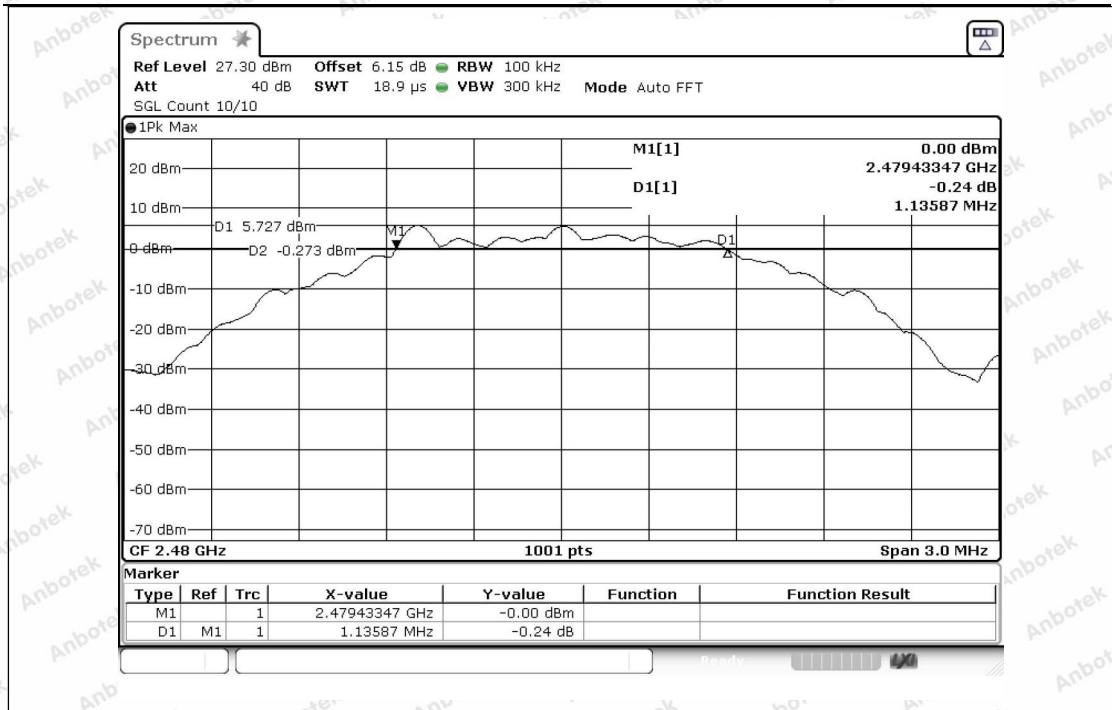
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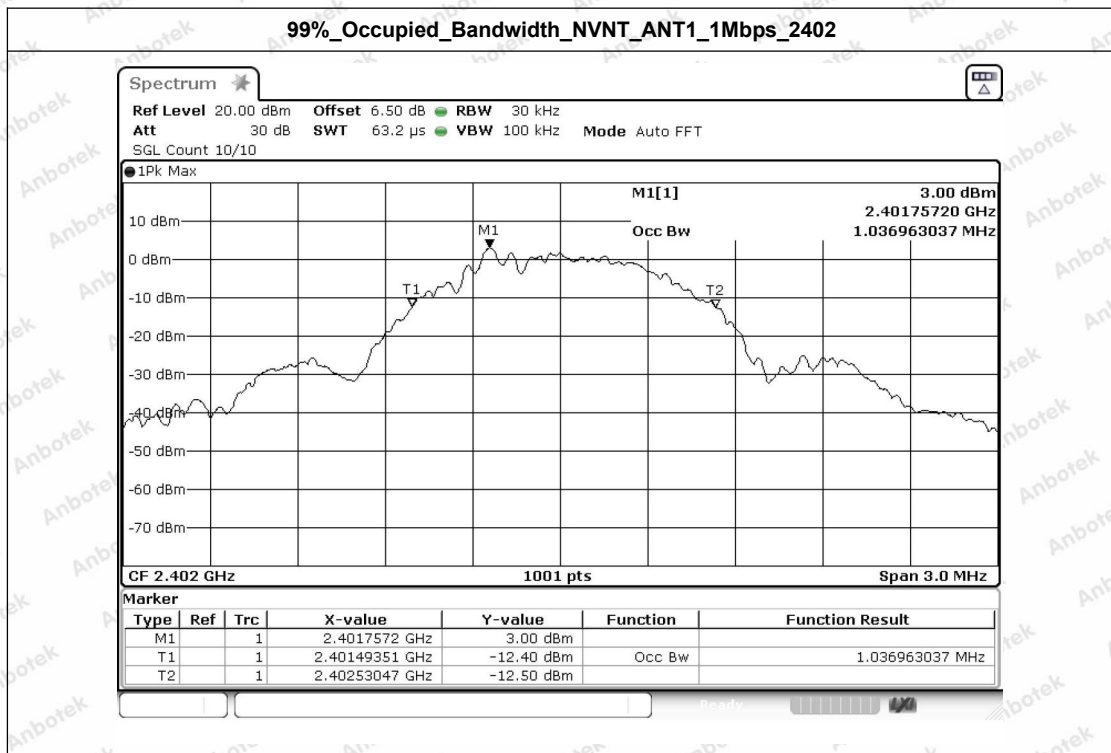
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

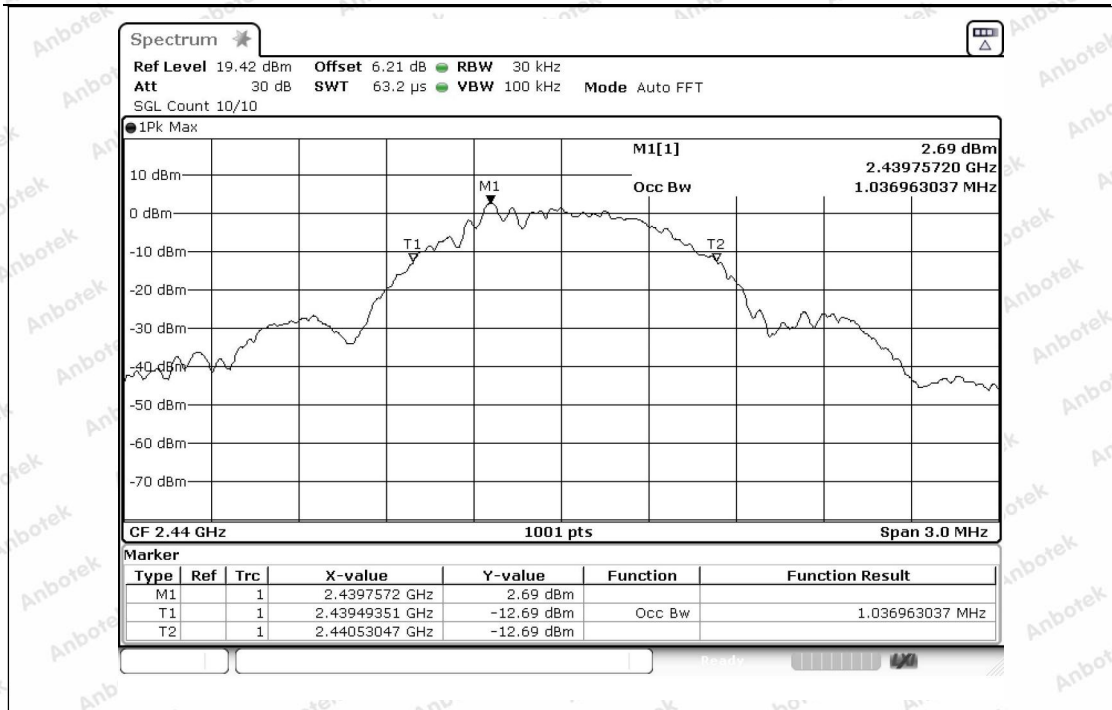
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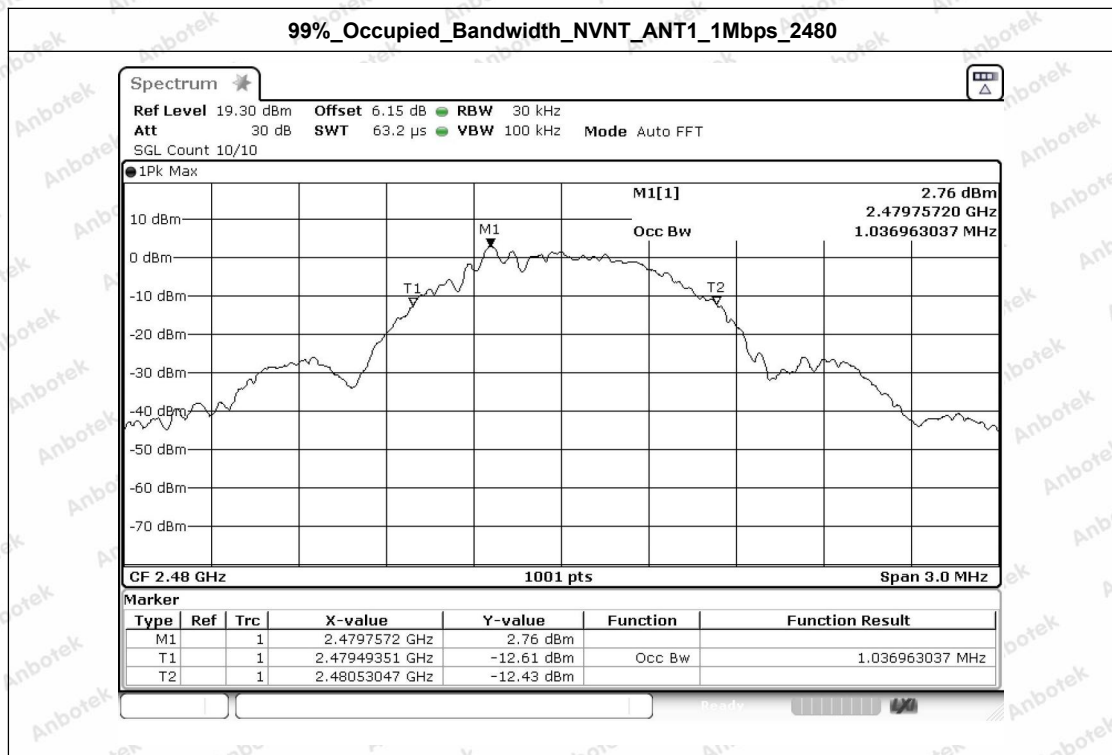
## Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.037
NVNT	ANT1	1Mbps	2440.00	1.037
NVNT	ANT1	1Mbps	2480	1.037
NVNT	ANT1	2Mbps	2402	1.870
NVNT	ANT1	2Mbps	2440.00	1.867
NVNT	ANT1	2Mbps	2480	1.876





### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480



### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402

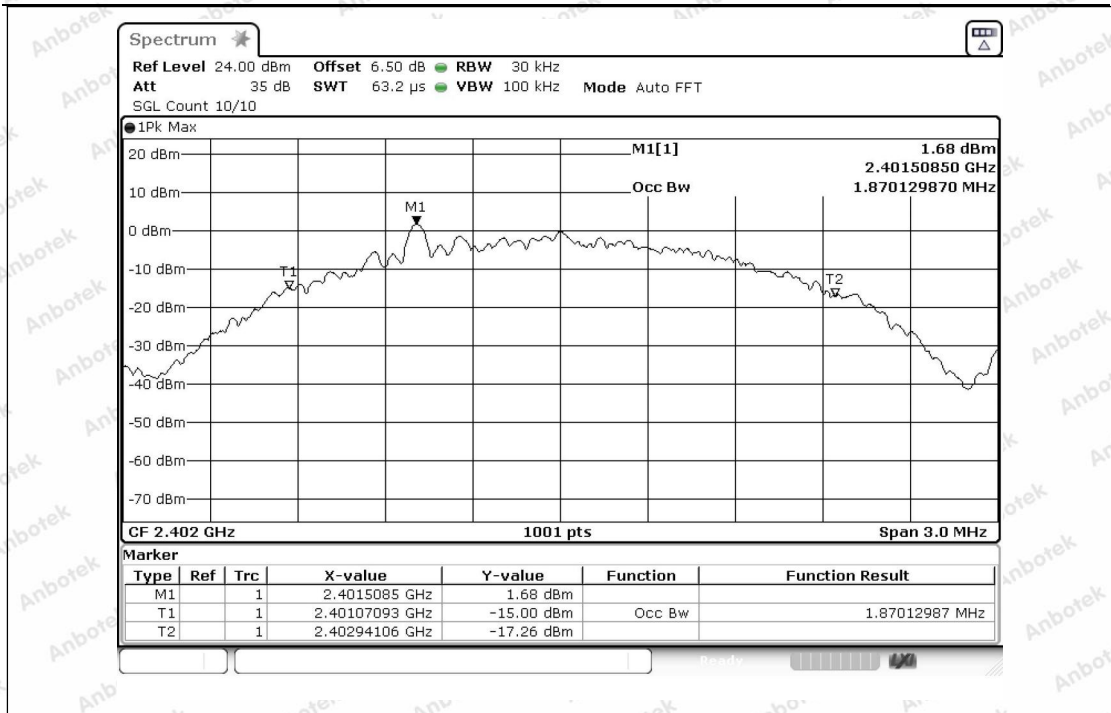
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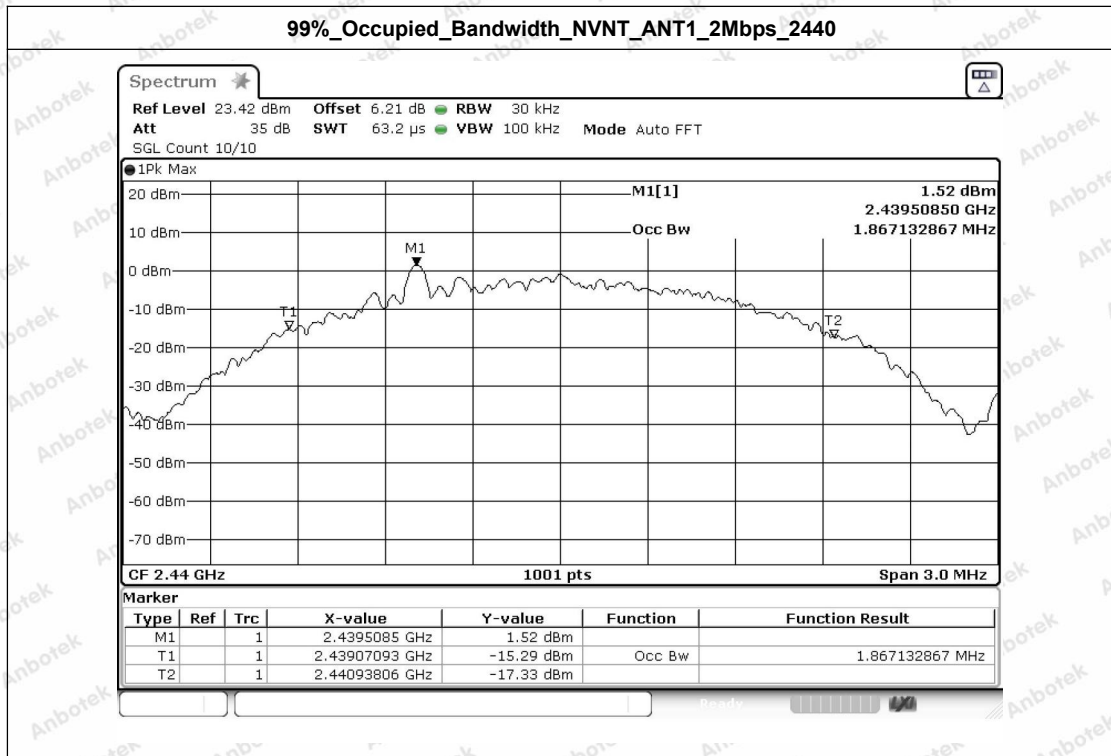
Hotline 400-003-0500  
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### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



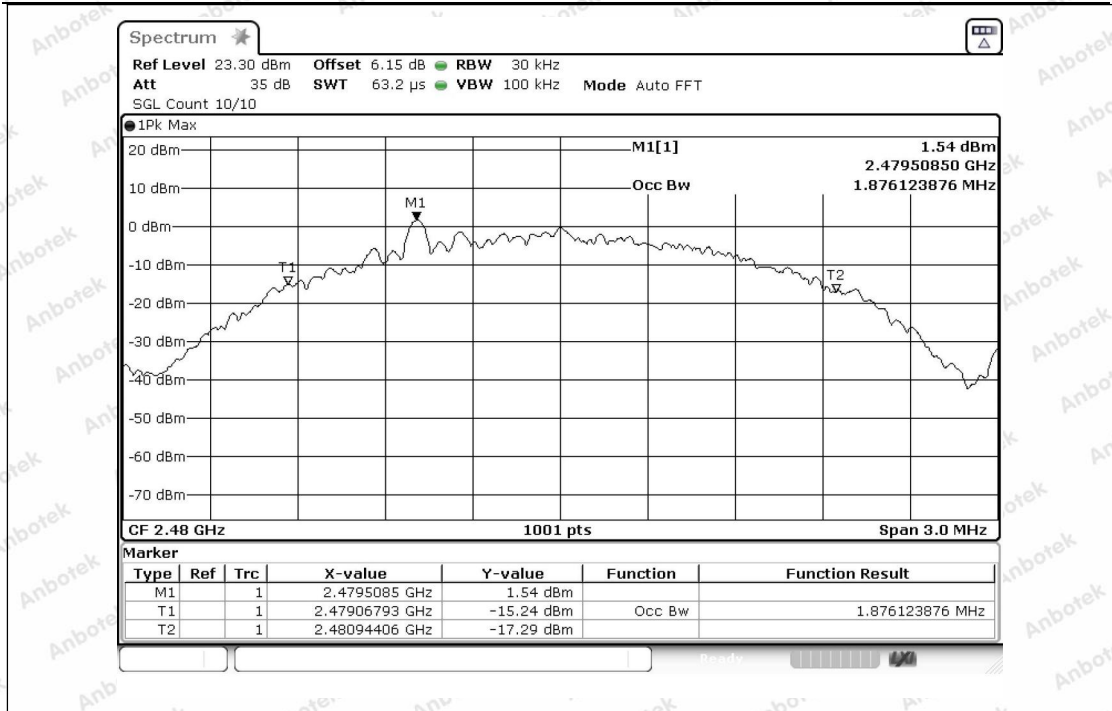
### 99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480

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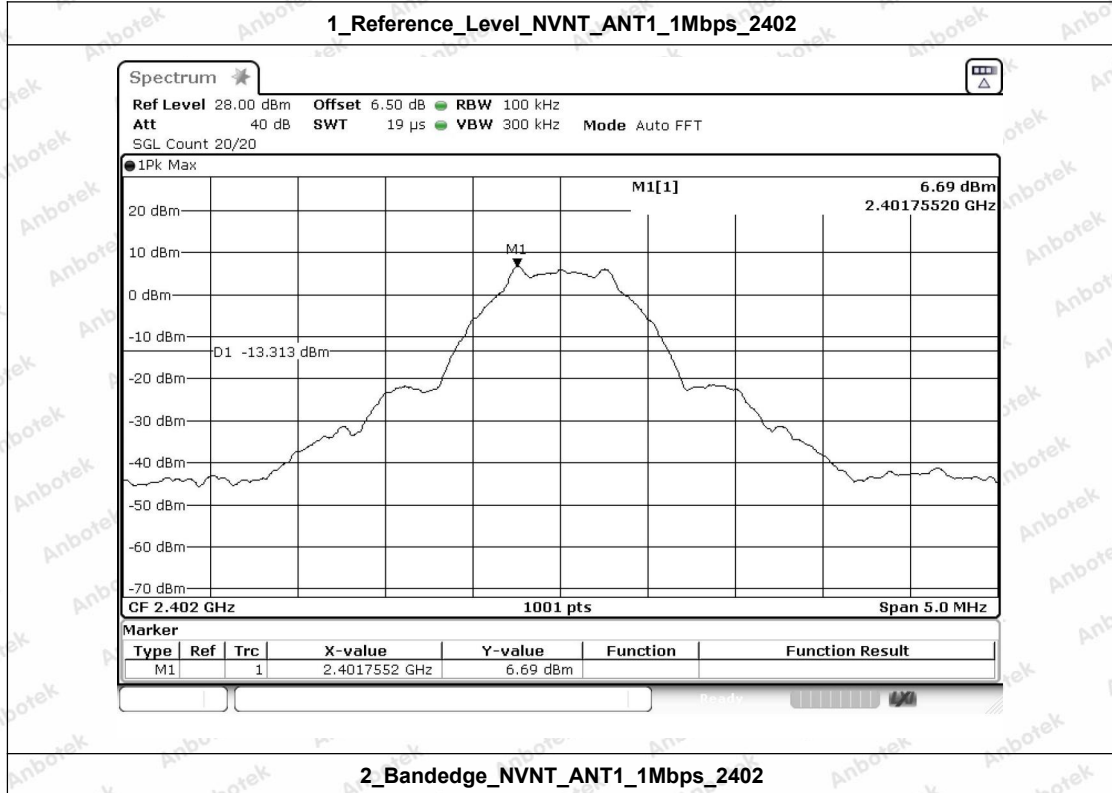
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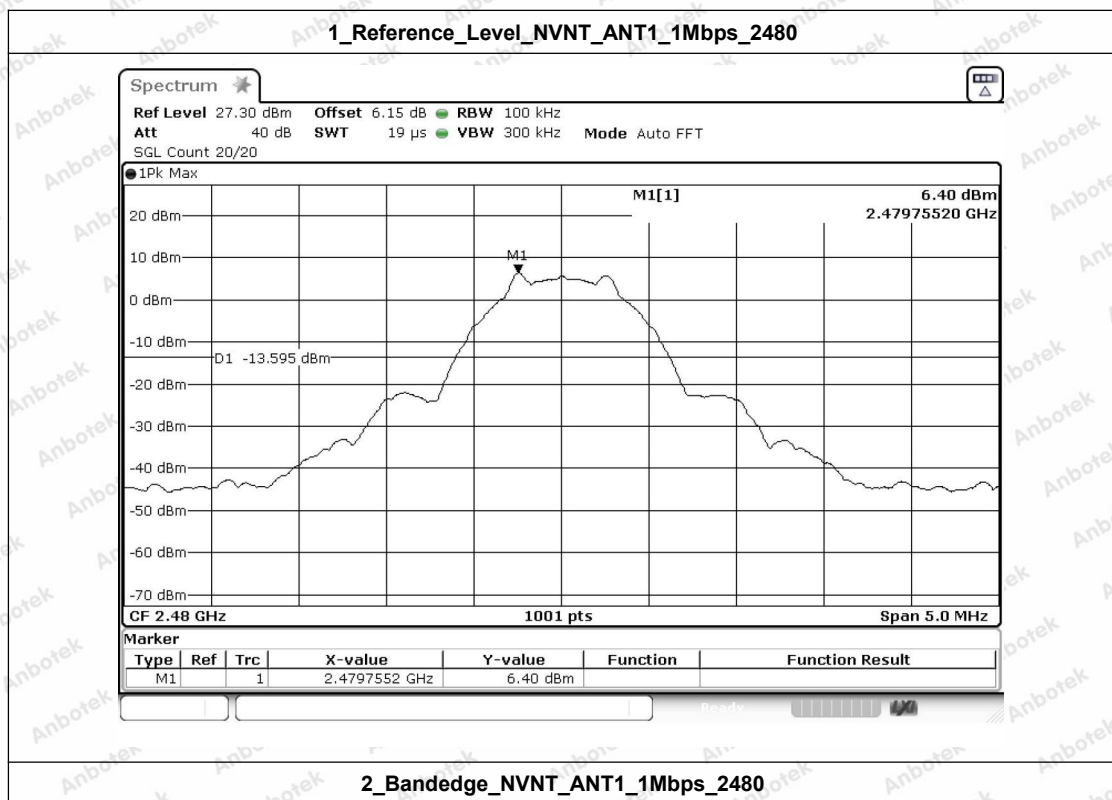
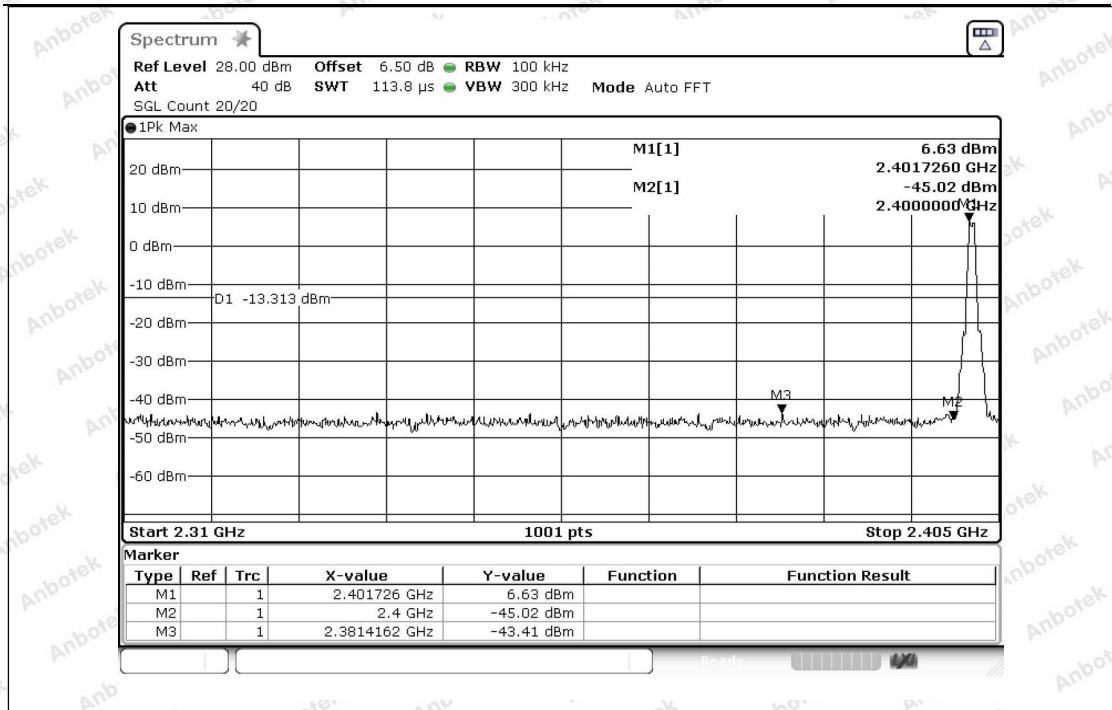




## Appendix C: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2381.416	-43.414	-13.313	Pass
NVNT	ANT1	1Mbps	2480	2498.439	-43.498	-13.596	Pass
NVNT	ANT1	2Mbps	2402	2399.543	-33.129	-13.952	Pass
NVNT	ANT1	2Mbps	2480	2495.542	-43.656	-14.271	Pass





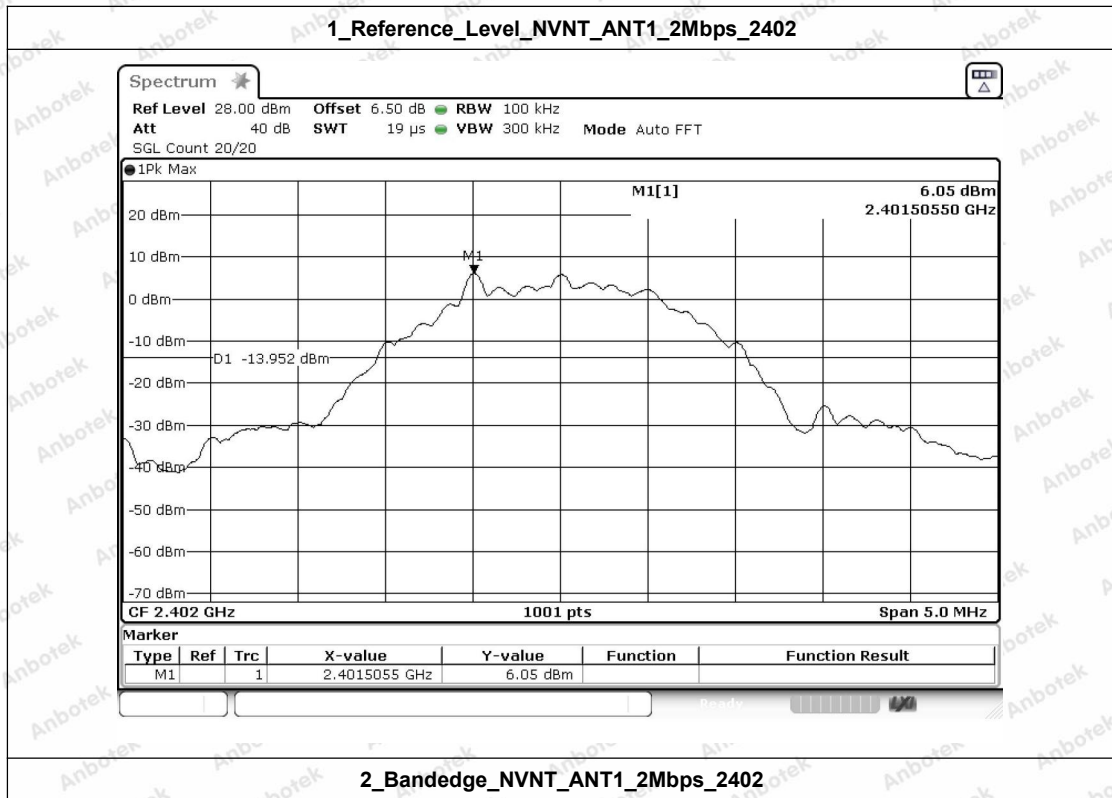
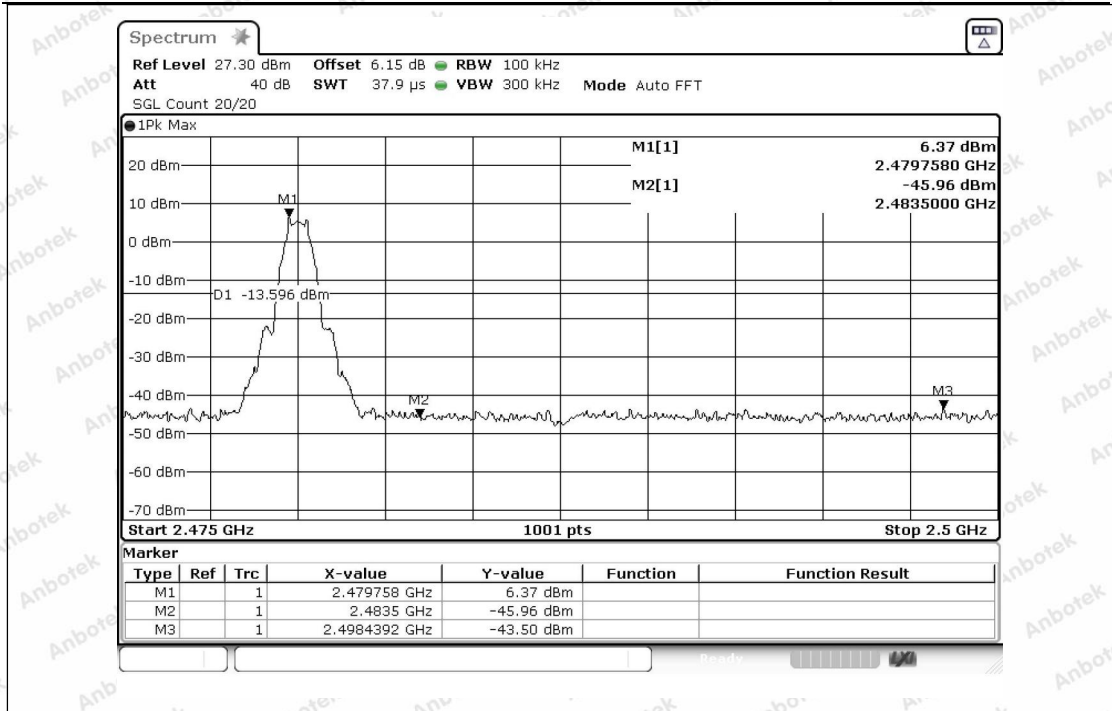
**2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480**

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**2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2402**

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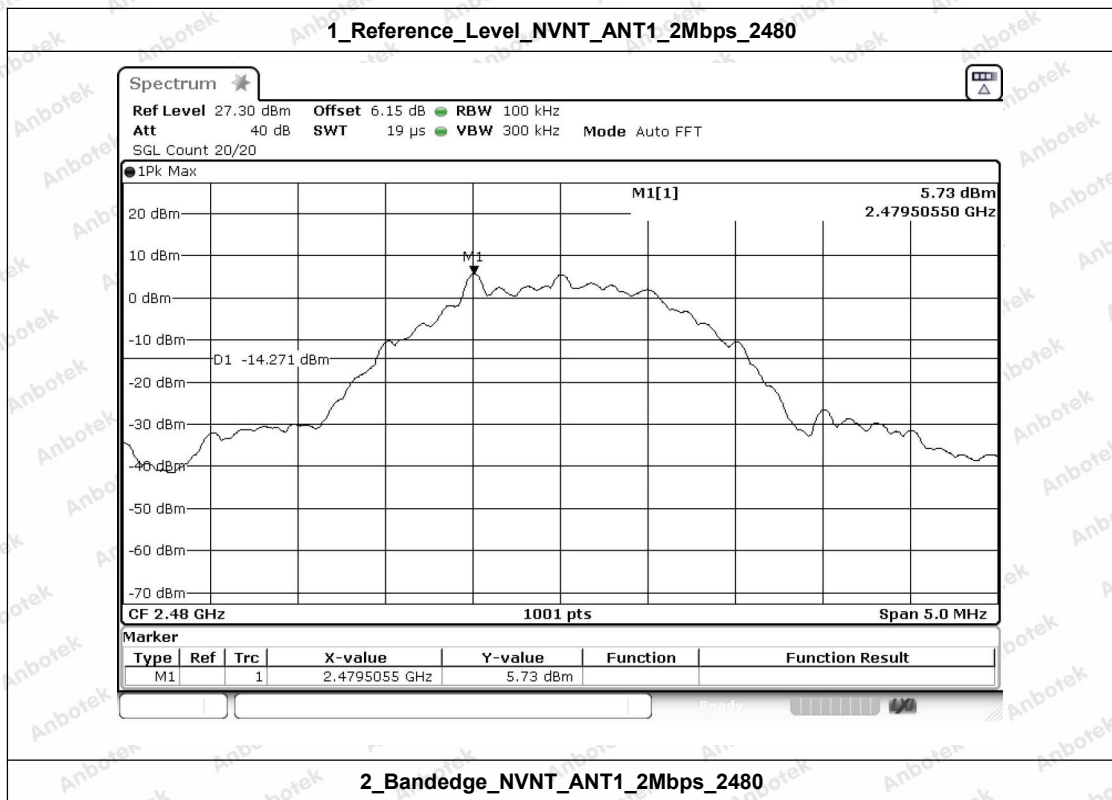
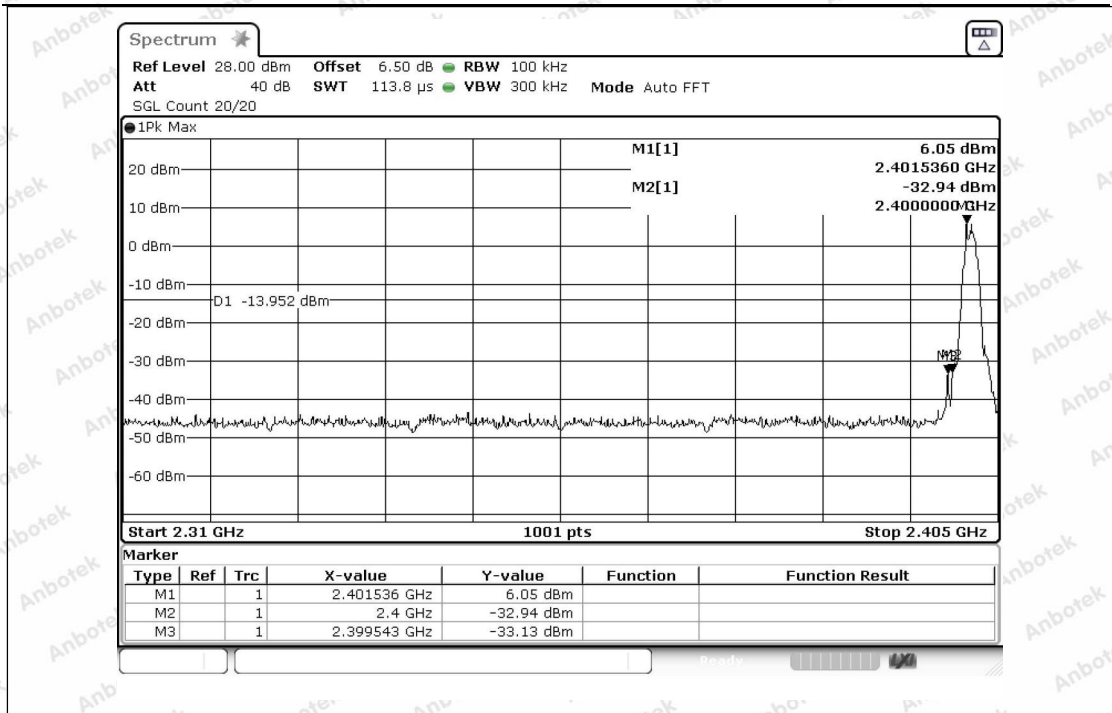
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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**2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2480**

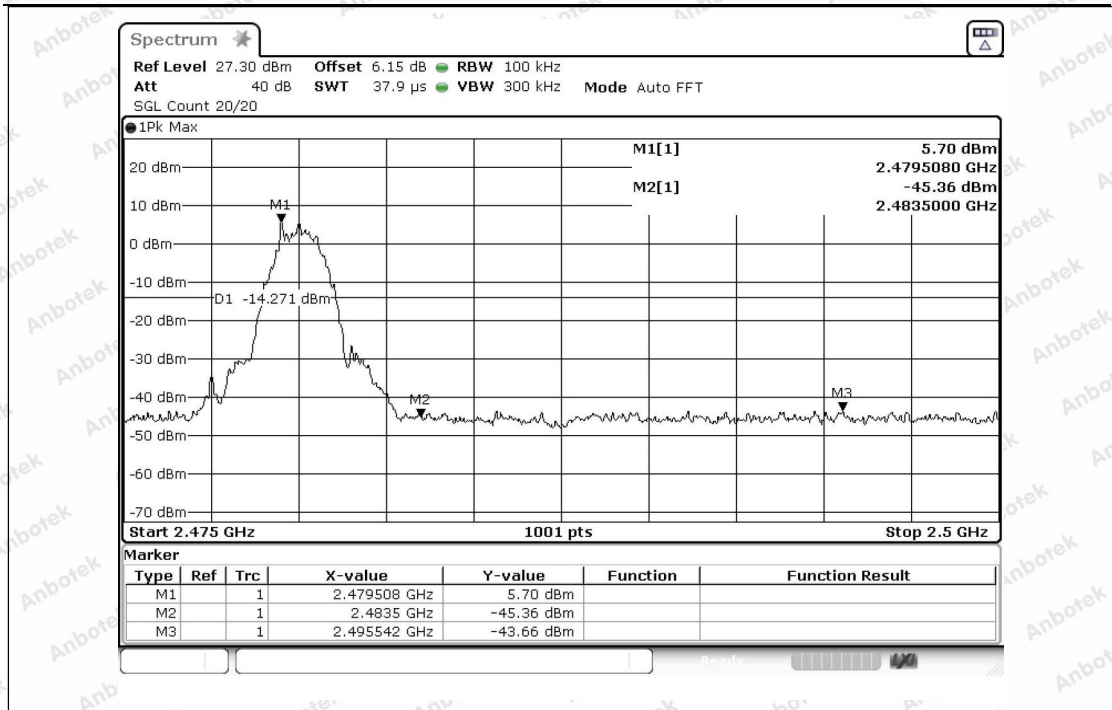
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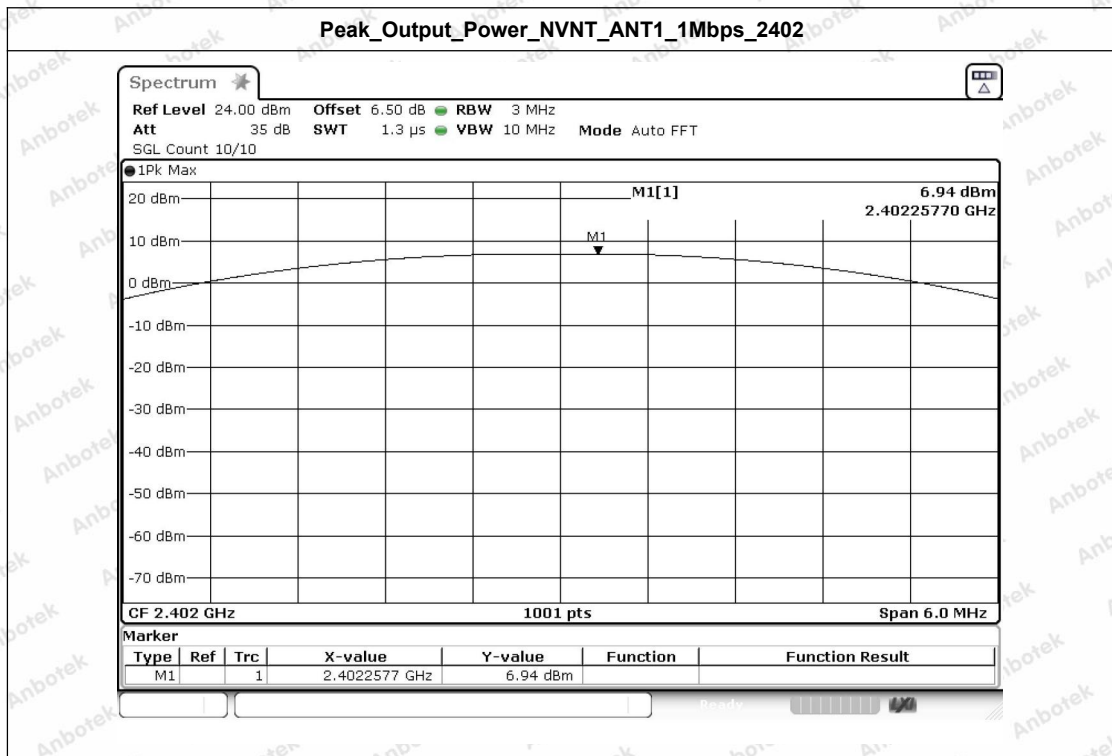
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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## Appendix D: Peak Output Power

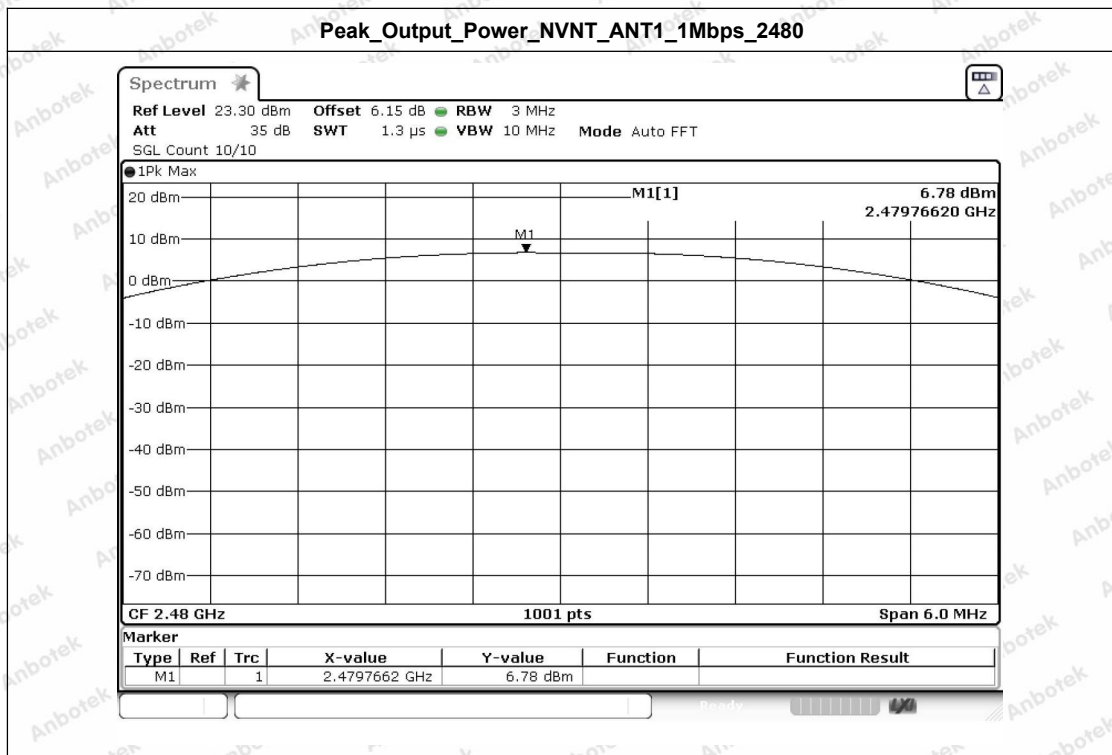
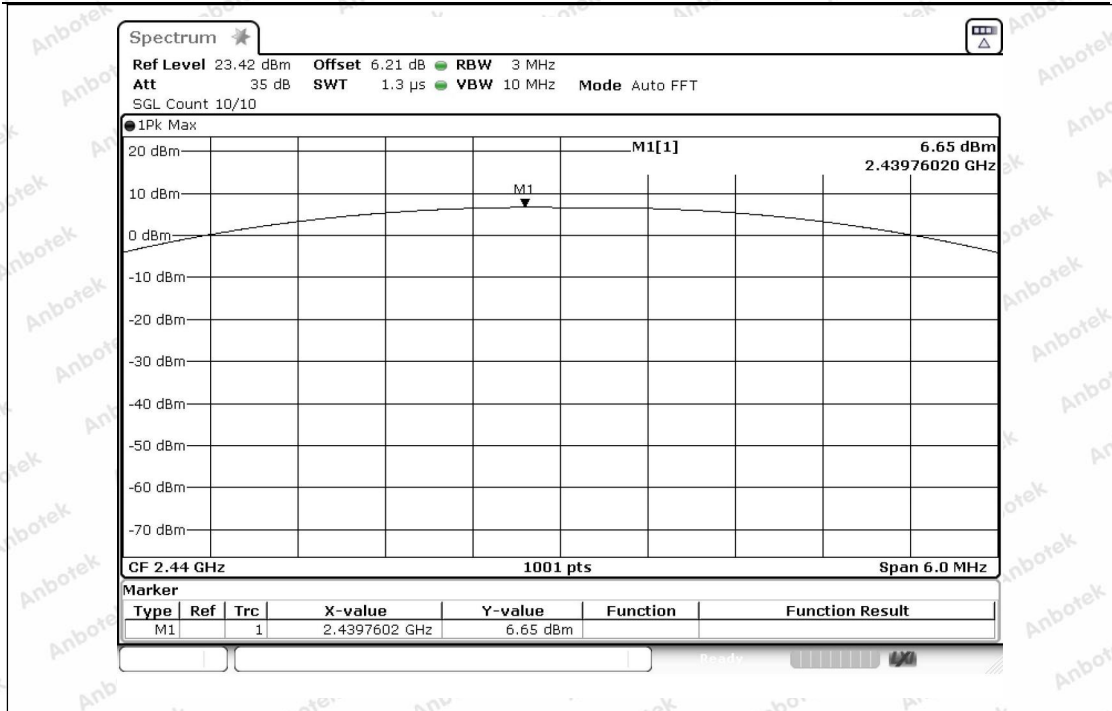
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	<b>6.94</b>	4.94	1000	Pass
NVNT	ANT1	1Mbps	2440.00	6.65	4.63	1000	Pass
NVNT	ANT1	1Mbps	2480	6.78	4.76	1000	Pass
NVNT	ANT1	2Mbps	2402	6.76	4.75	1000	Pass
NVNT	ANT1	2Mbps	2440.00	6.49	4.46	1000	Pass
NVNT	ANT1	2Mbps	2480	6.63	4.60	1000	Pass



**Peak\_Output\_Power\_NVNT\_ANT1\_1Mbps\_2440**

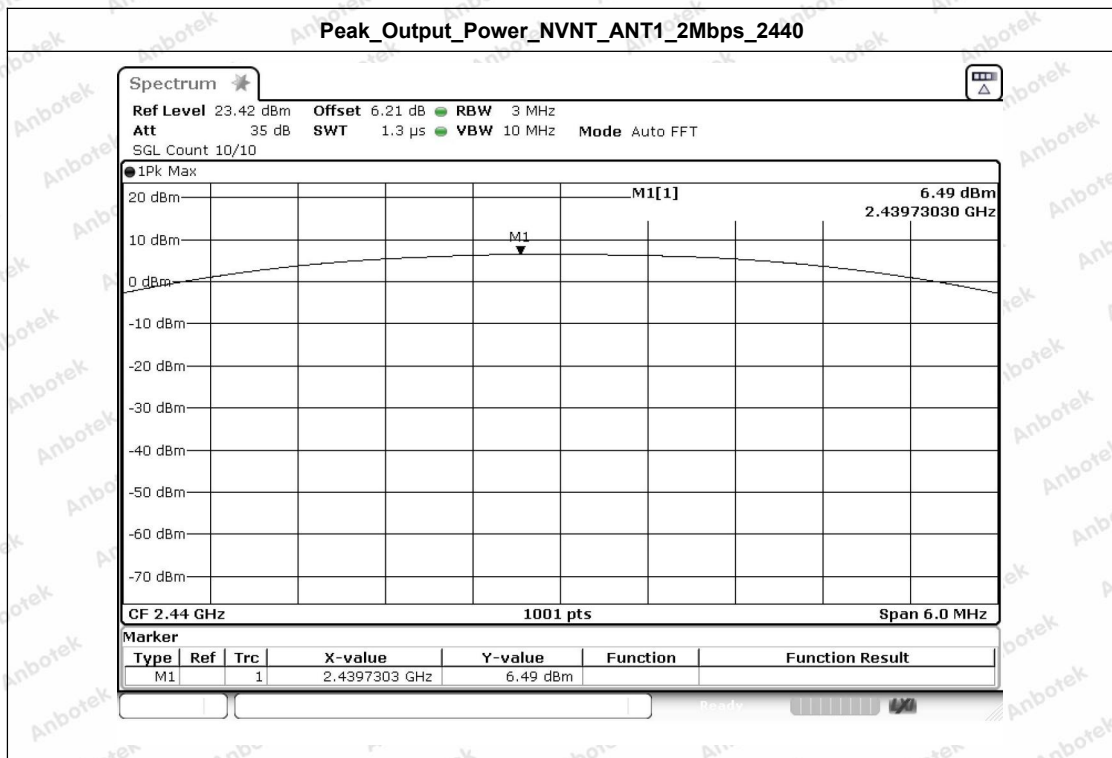
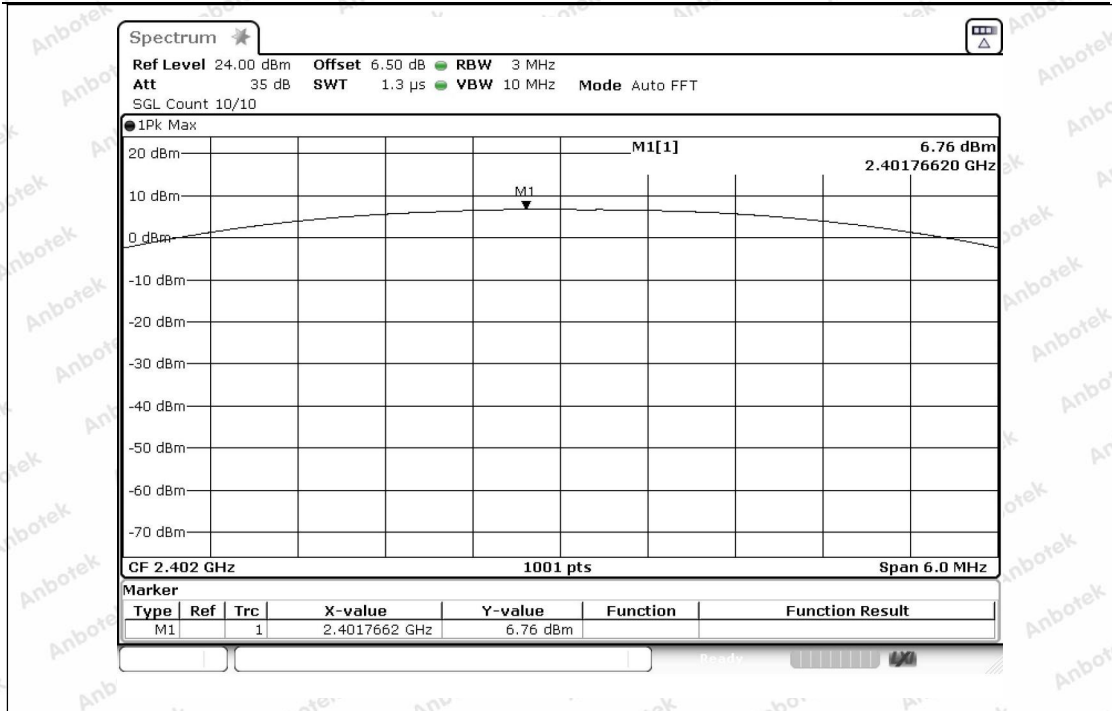






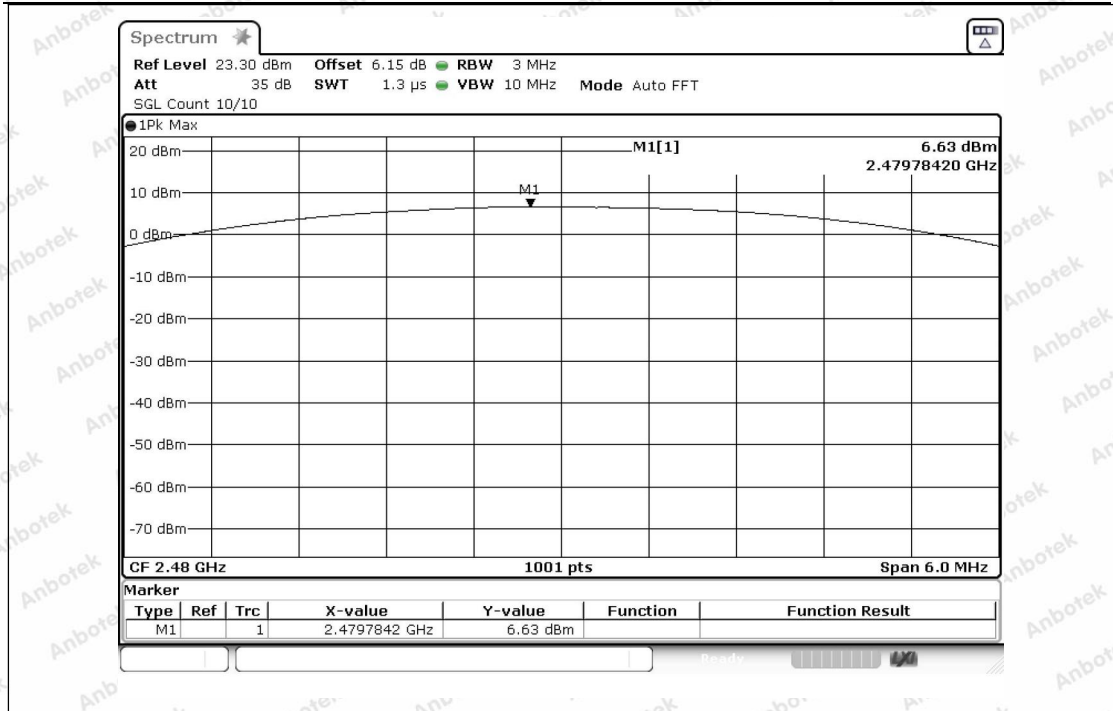
**Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2402**





**Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2480**





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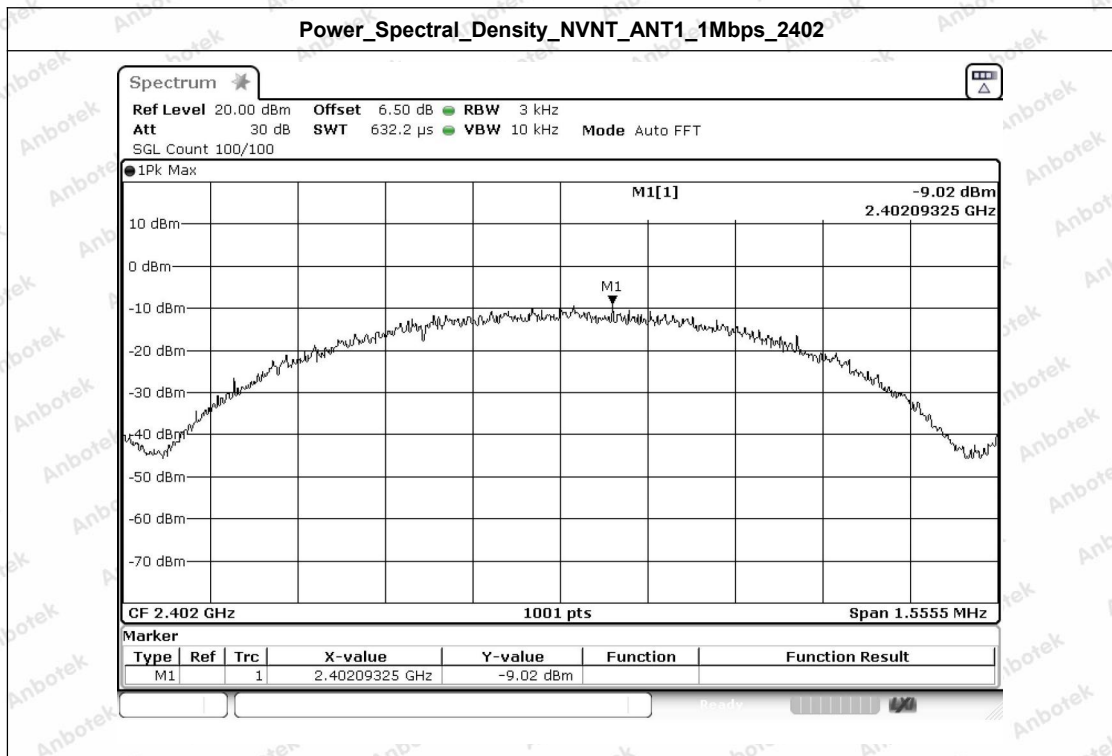
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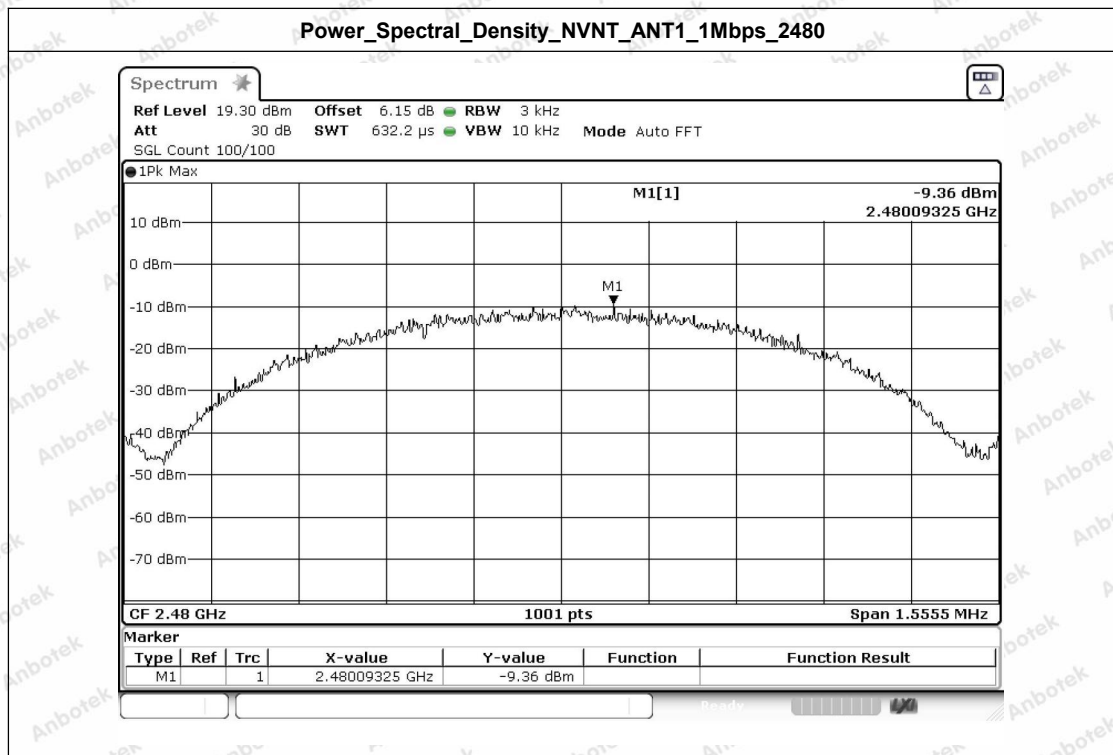
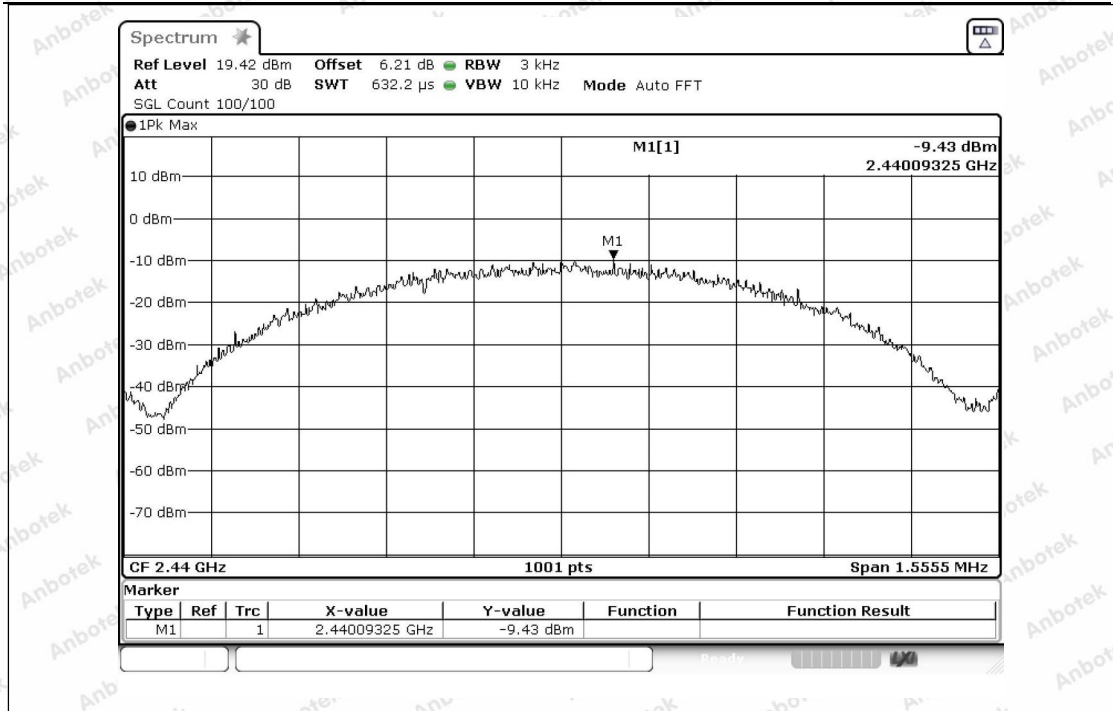




## Appendix E: Power Spectral Density

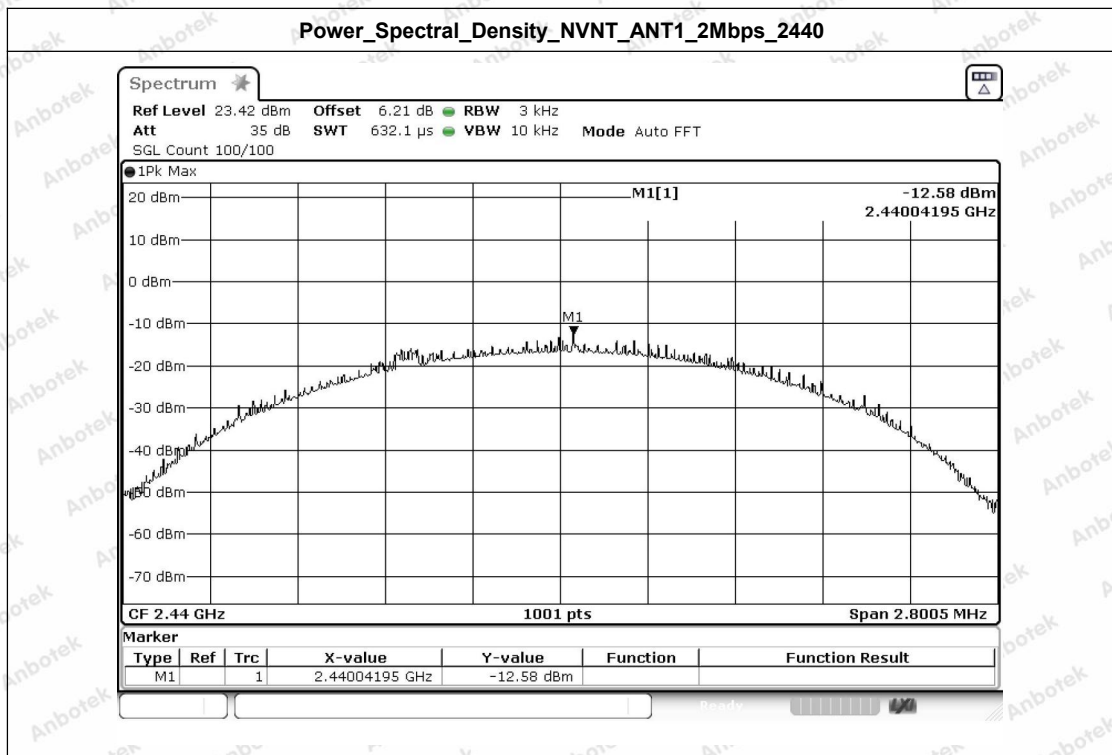
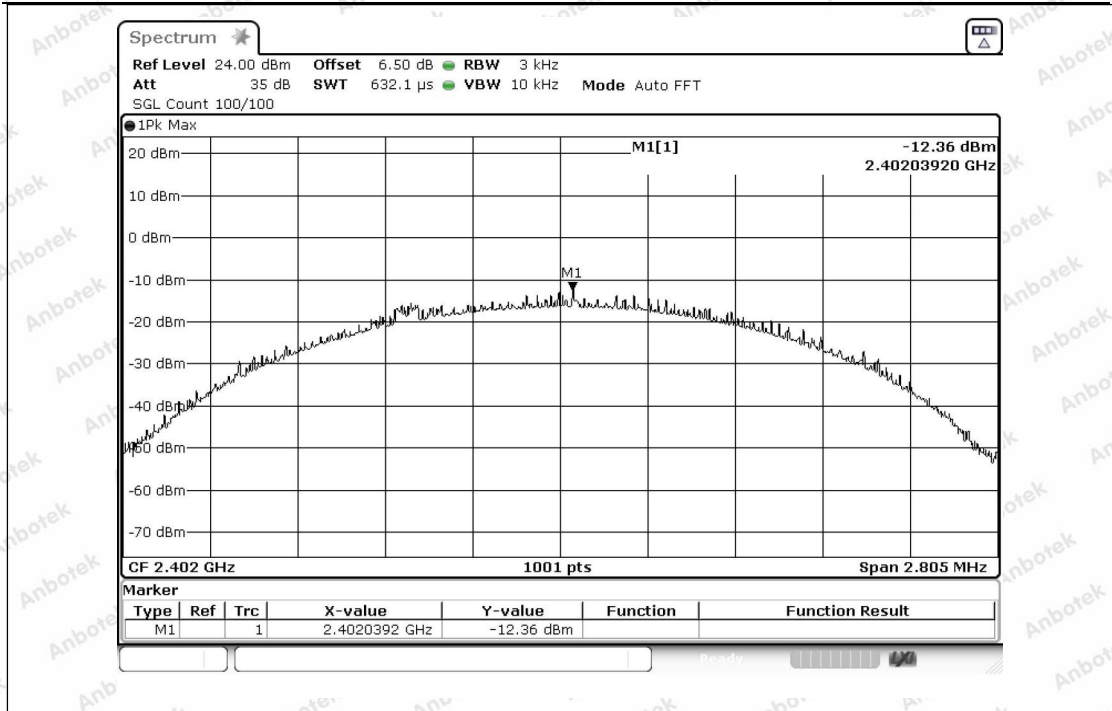
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-9.02	8	Pass
NVNT	ANT1	1Mbps	2440.00	-9.43	8	Pass
NVNT	ANT1	1Mbps	2480.00	-9.36	8	Pass
NVNT	ANT1	2Mbps	2402.00	-12.36	8	Pass
NVNT	ANT1	2Mbps	2440.00	-12.58	8	Pass
NVNT	ANT1	2Mbps	2480.00	-12.40	8	Pass





**Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2402**

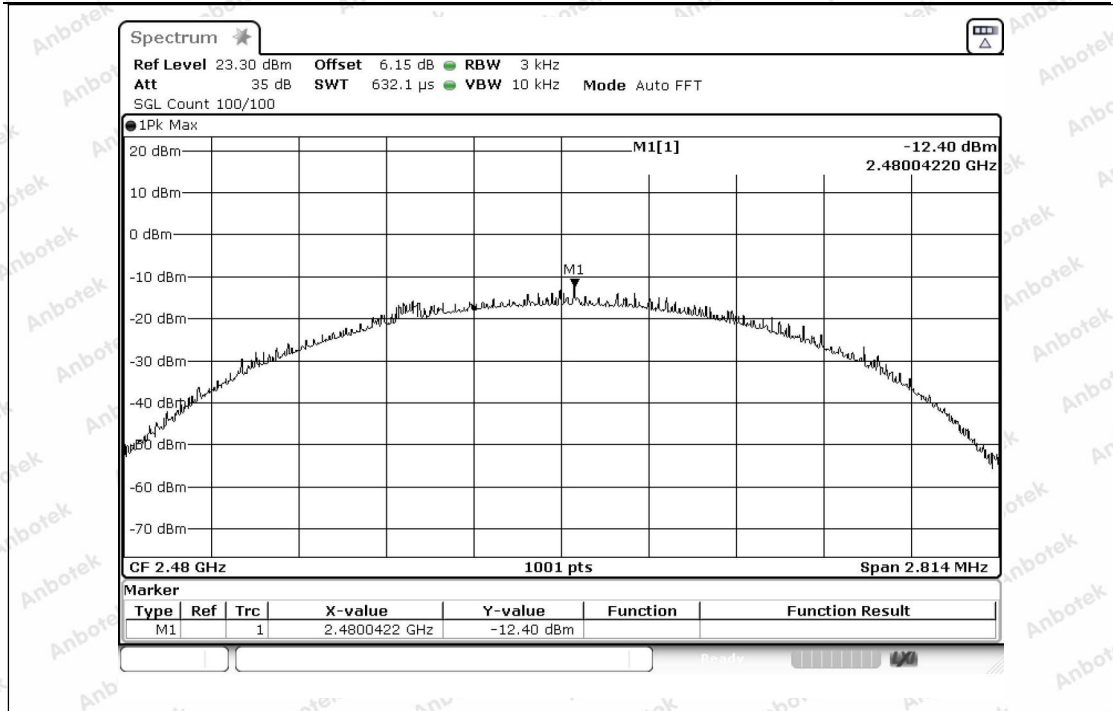




**Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2480**







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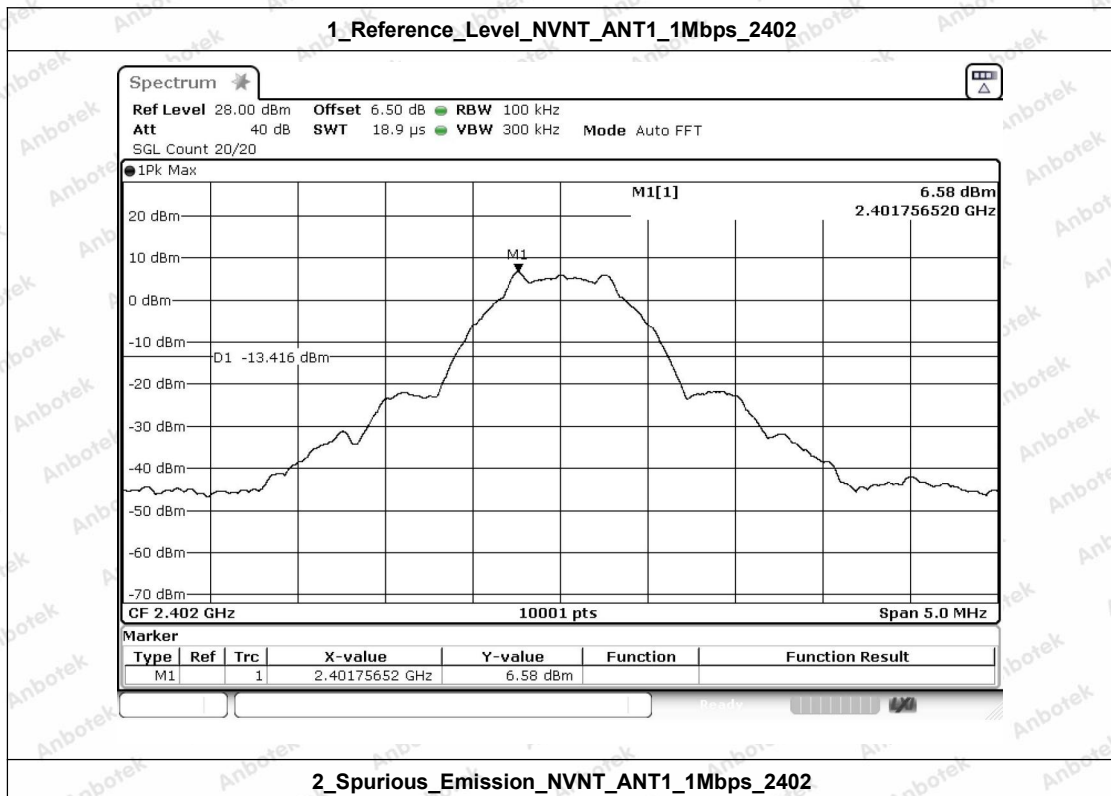
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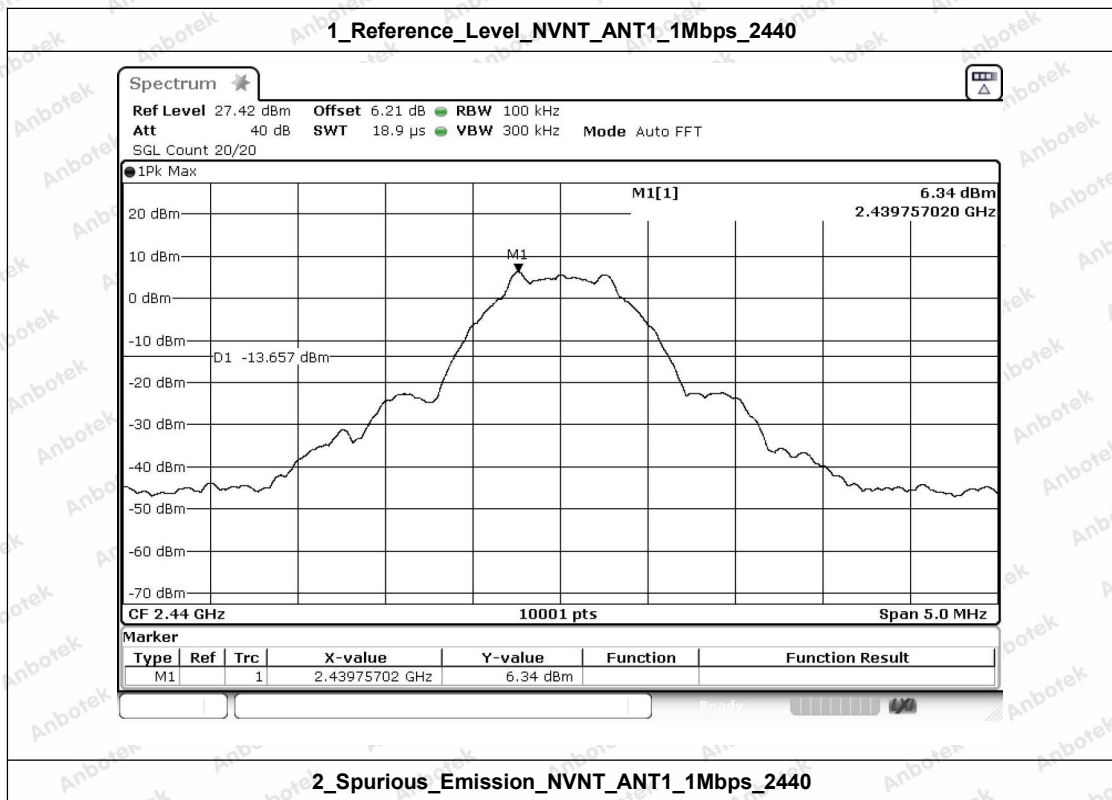
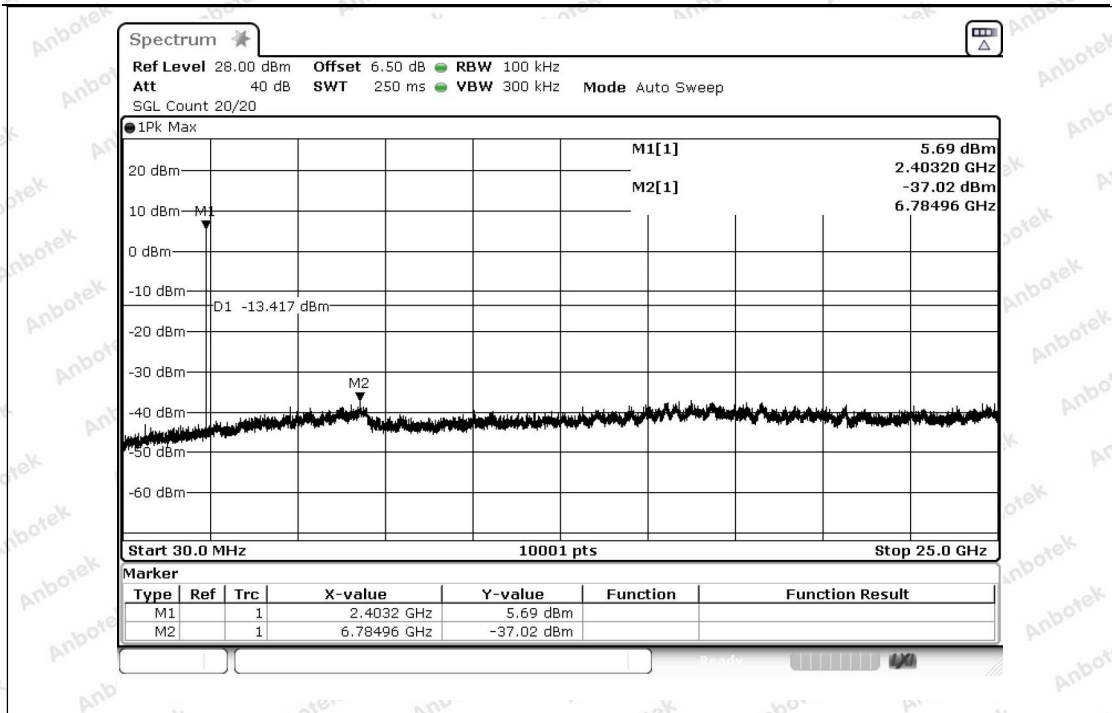
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## Appendix F: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-37.016	-13.417	Pass
NVNT	ANT1	1Mbps	2440.00	-35.660	-13.657	Pass
NVNT	ANT1	1Mbps	2480	-36.261	-13.596	Pass
NVNT	ANT1	2Mbps	2402	-35.755	-13.952	Pass
NVNT	ANT1	2Mbps	2440.00	-36.724	-14.270	Pass
NVNT	ANT1	2Mbps	2480	-36.692	-14.271	Pass





2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440

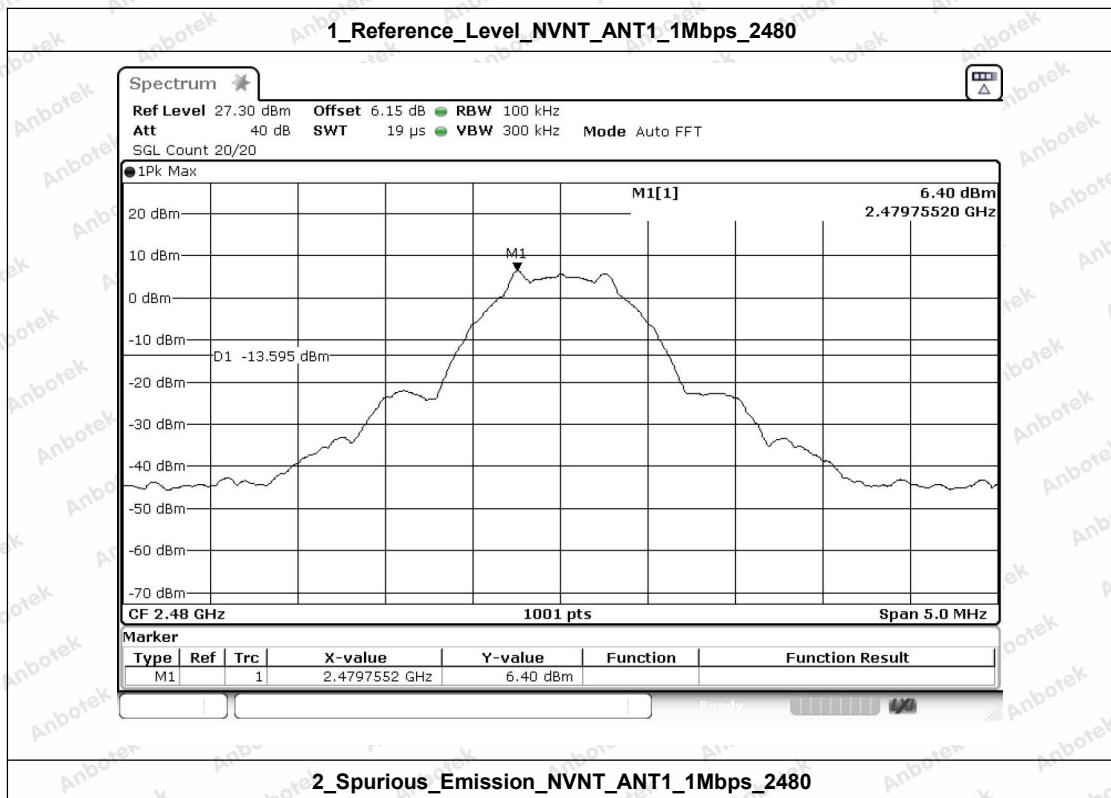
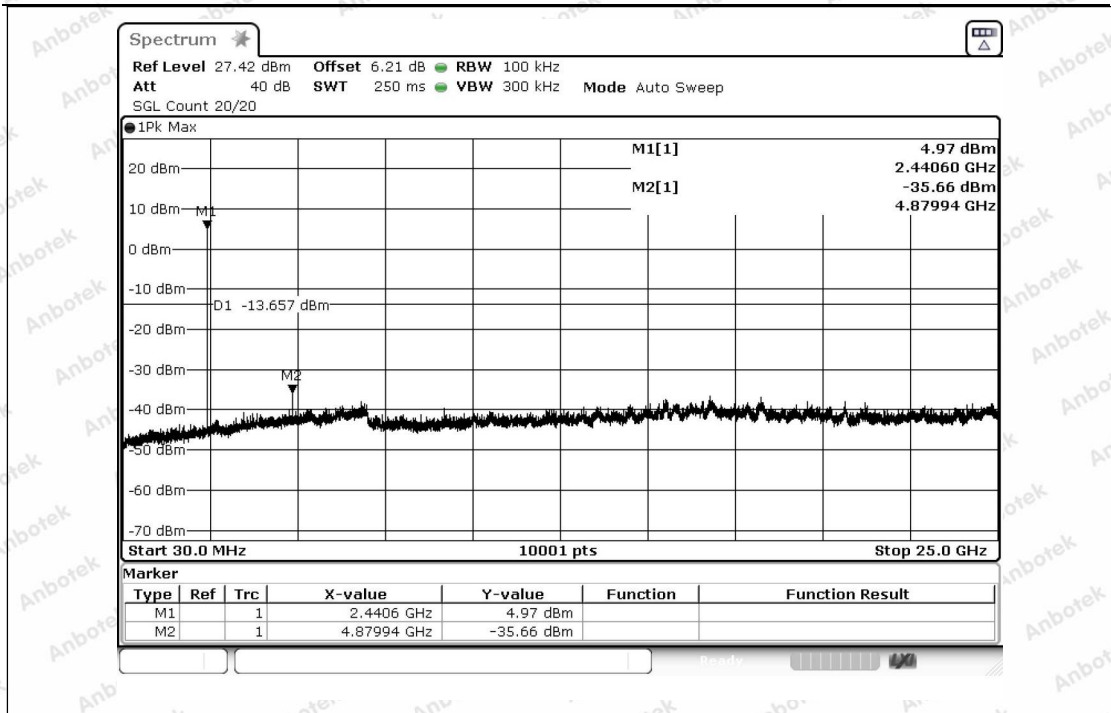
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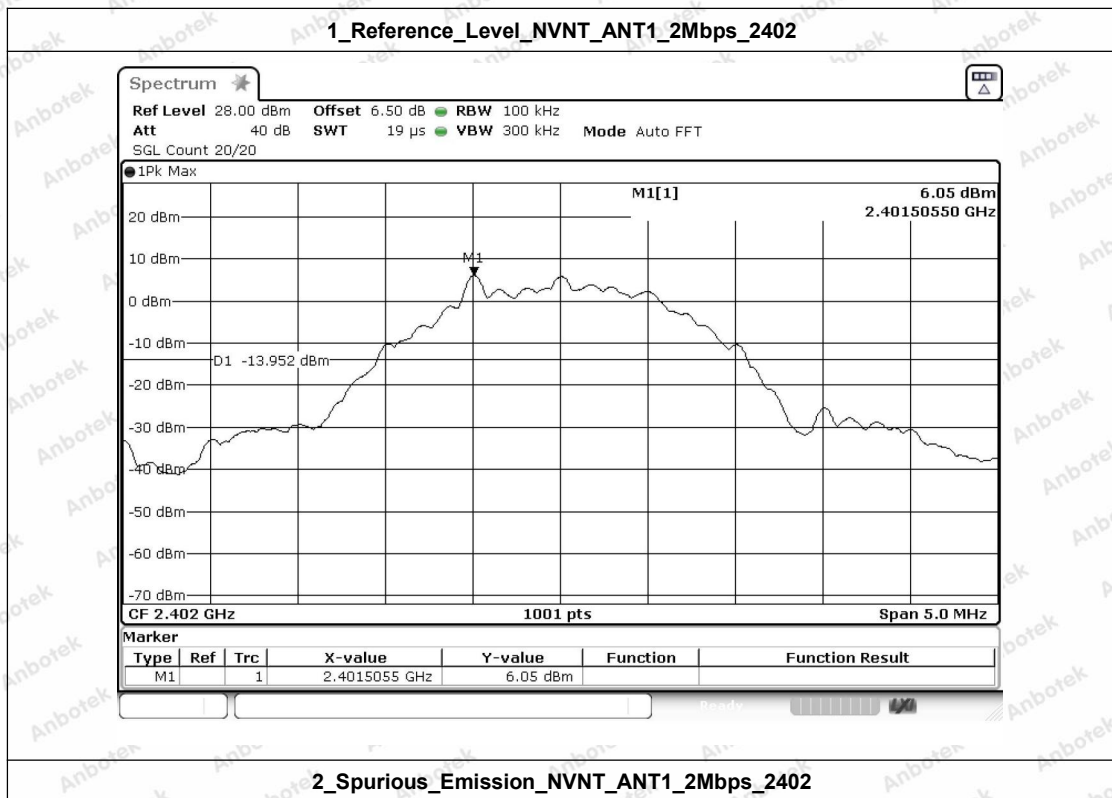
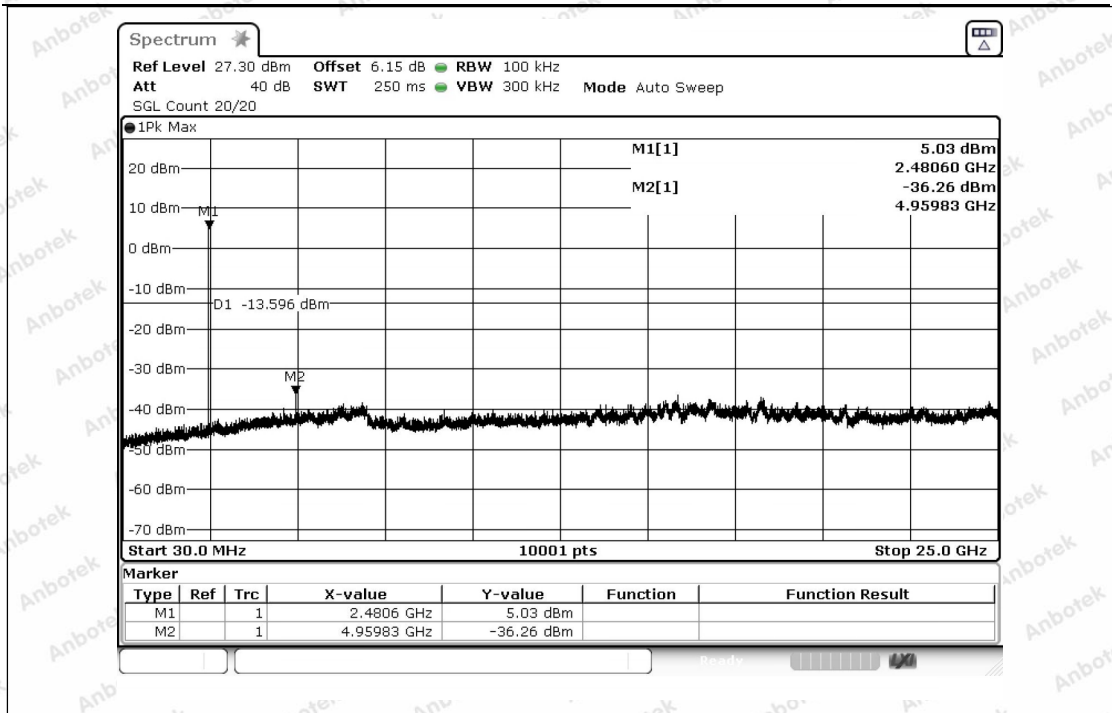






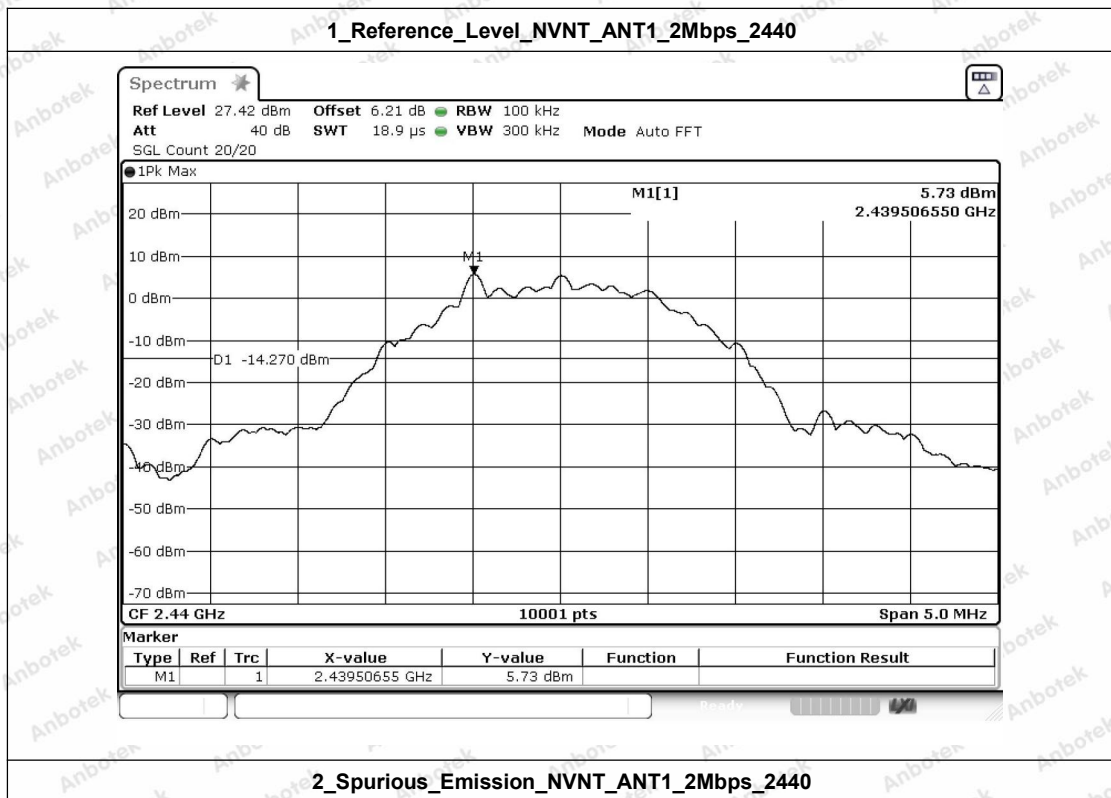
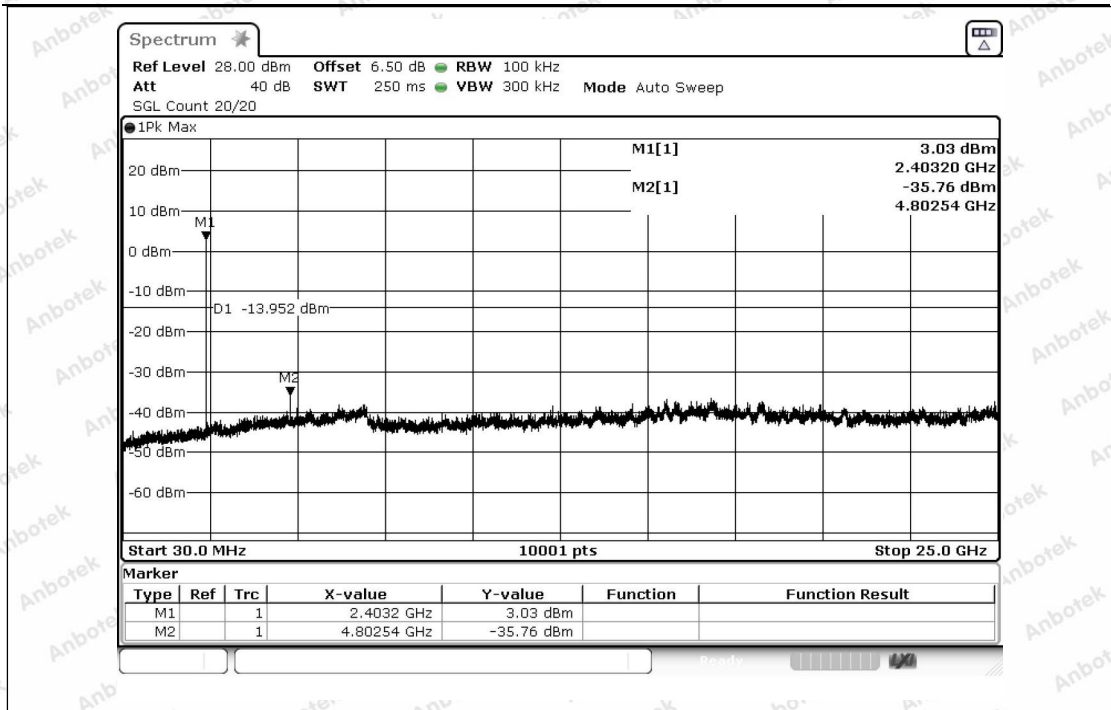
**2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2480**





**2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2402**

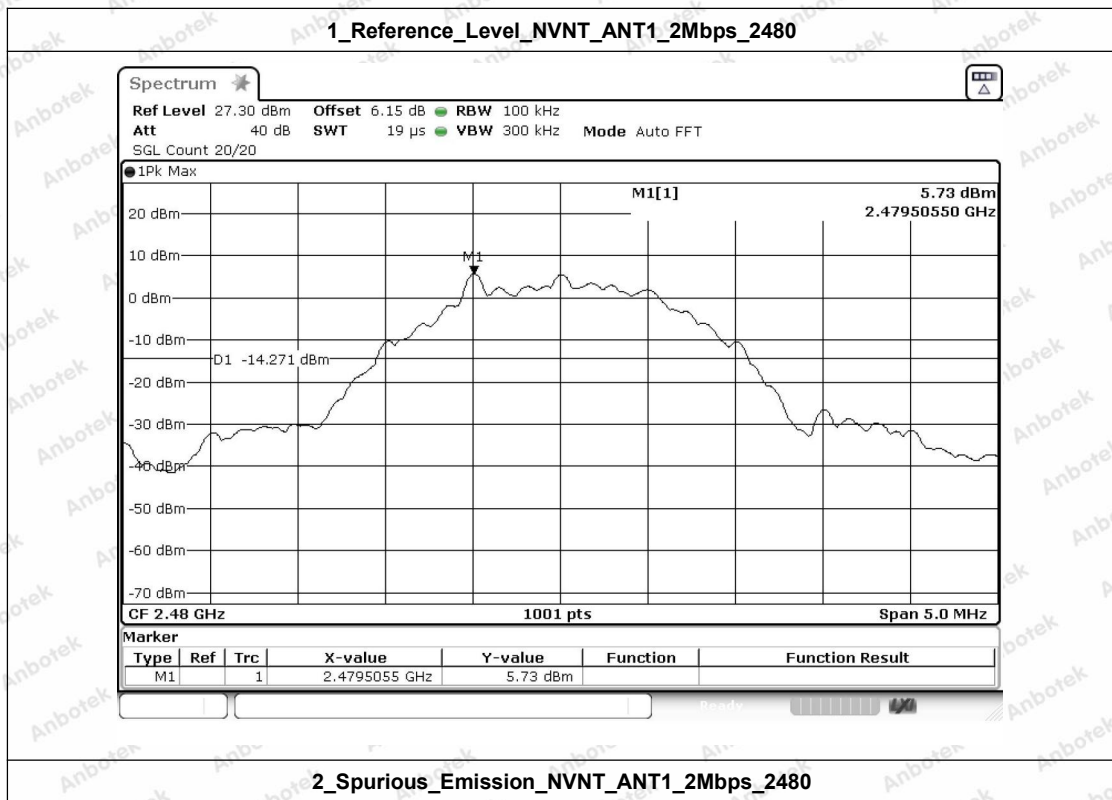
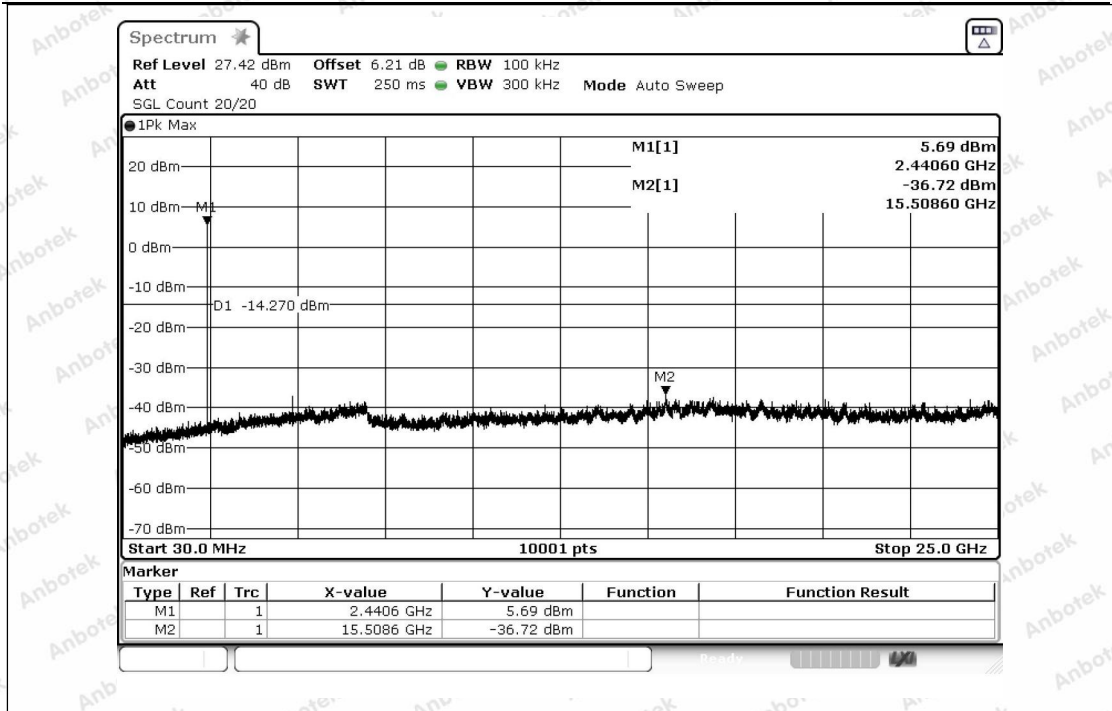




2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2440

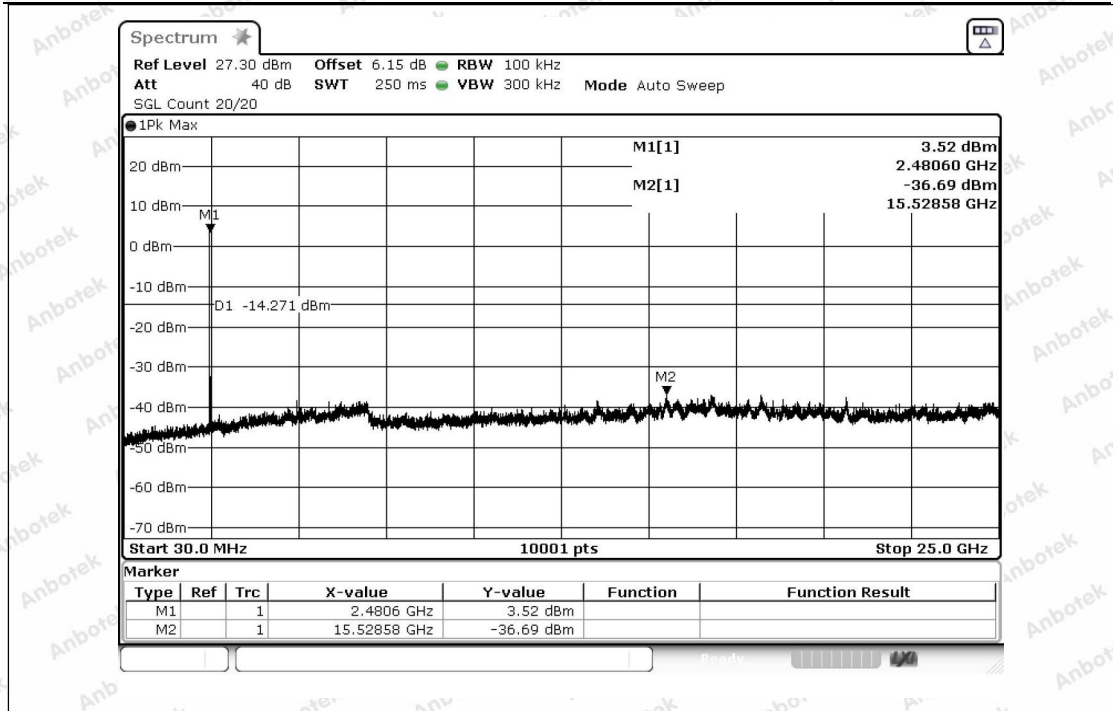






**2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2480**





---End---

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