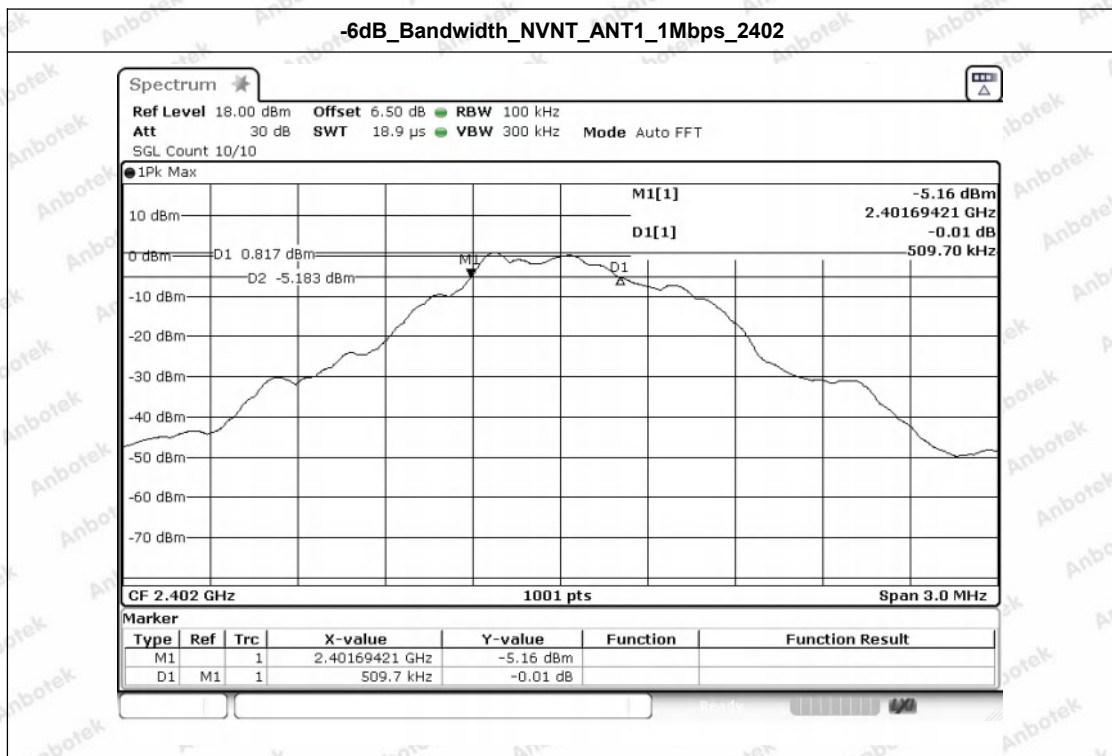


## Appendix Test Data

Report No.:	18220WC40053701	Test Sample No.:	1-2-2
Start Test Date:	2024.4.02	Finish Test Date:	2024.4.02
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	509.70	500	Pass
NVNT	ANT1	1Mbps	2440	518.40	500	Pass
NVNT	ANT1	1Mbps	2480	530.69	500	Pass
NVNT	ANT1	2Mbps	2402	860.16	500	Pass
NVNT	ANT1	2Mbps	2440	860.16	500	Pass
NVNT	ANT1	2Mbps	2480	836.10	500	Pass



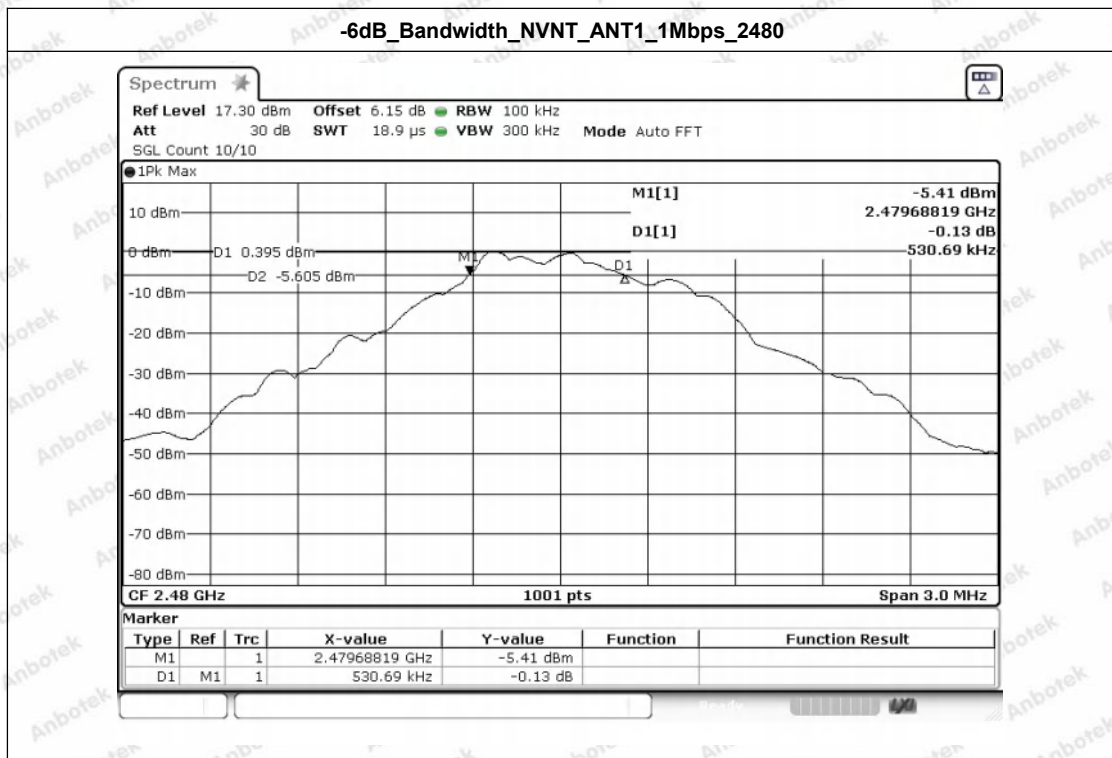
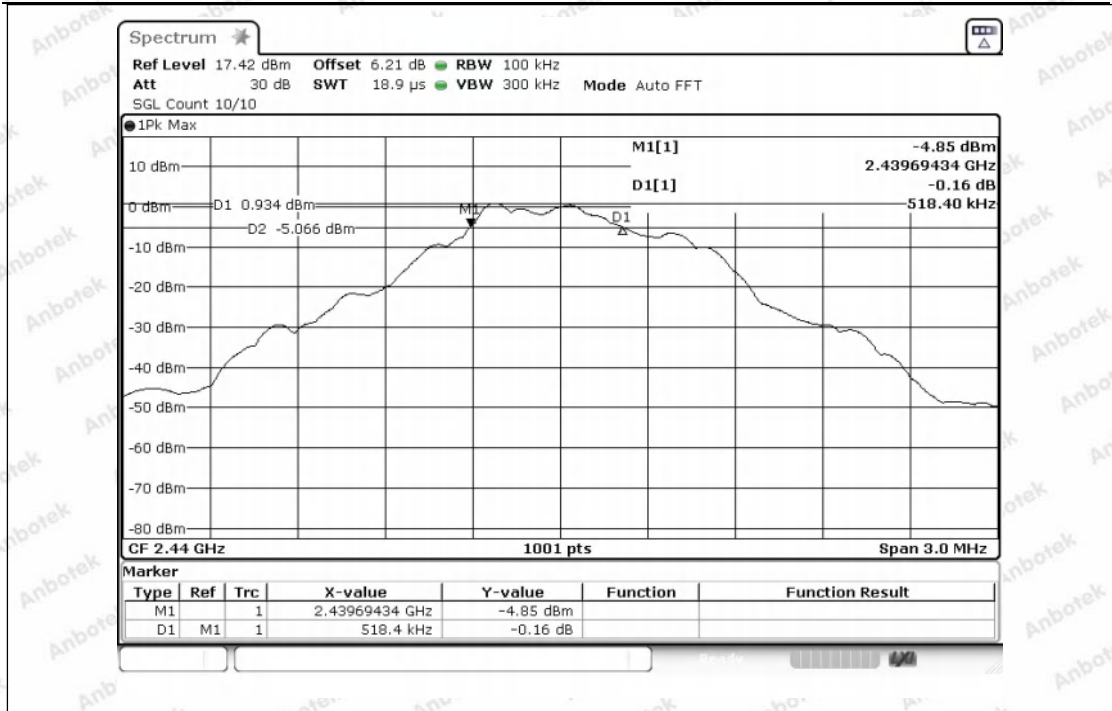
**-6dB\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2440**

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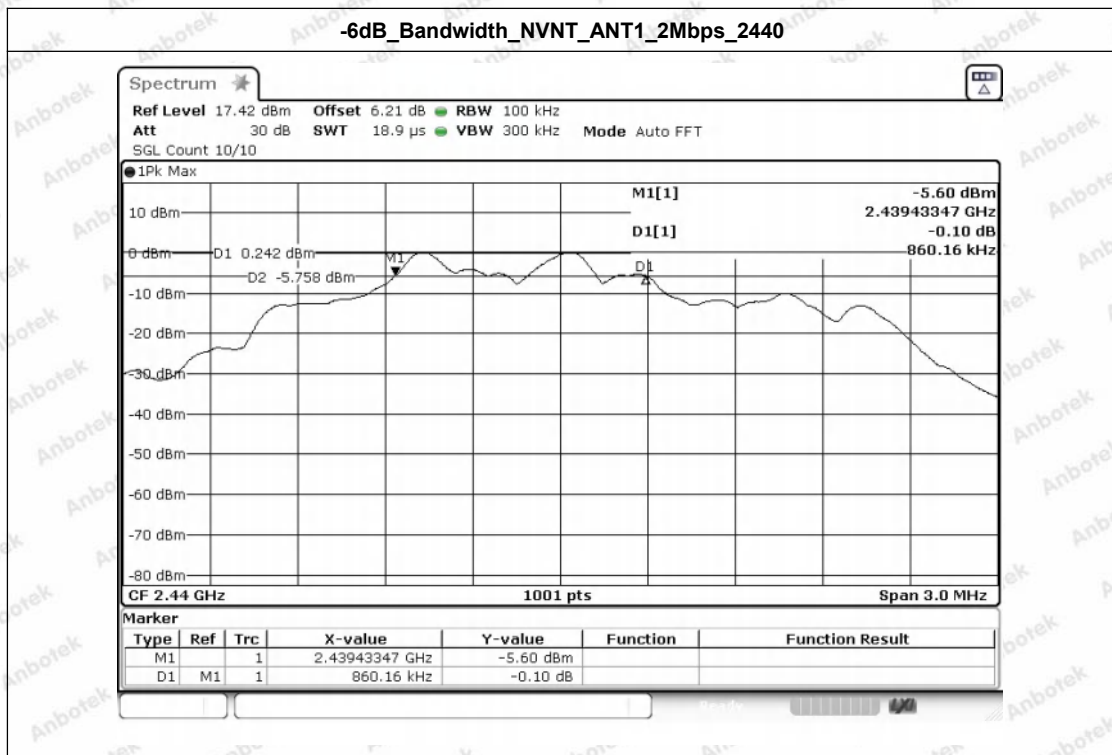
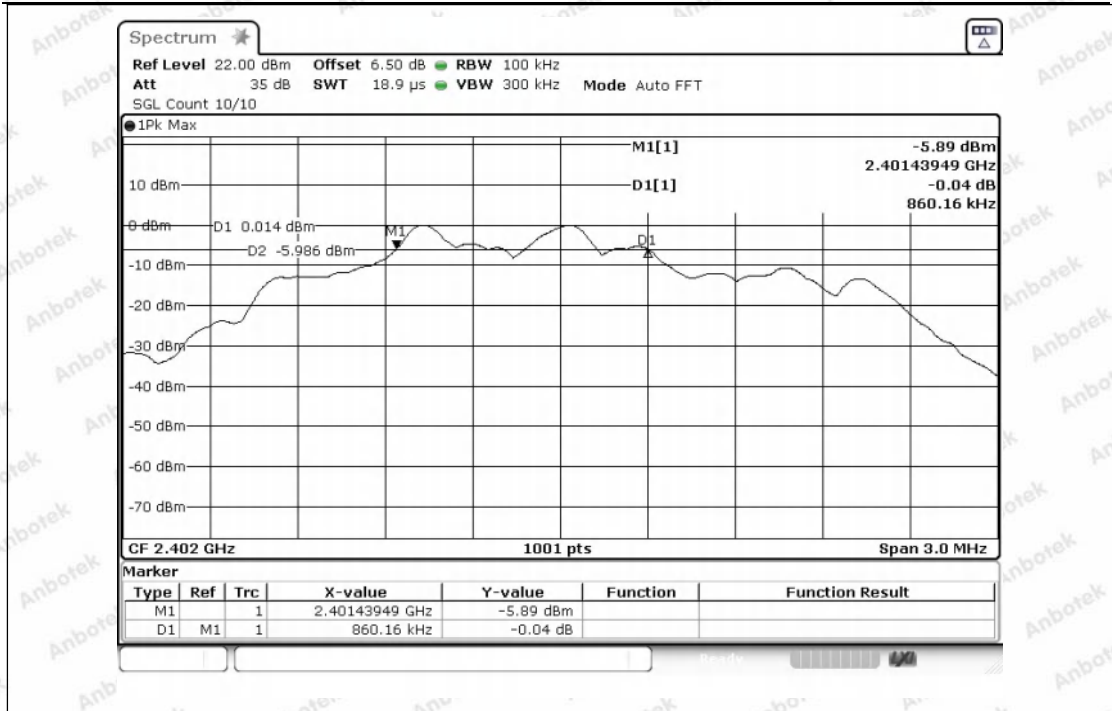
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**-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402**





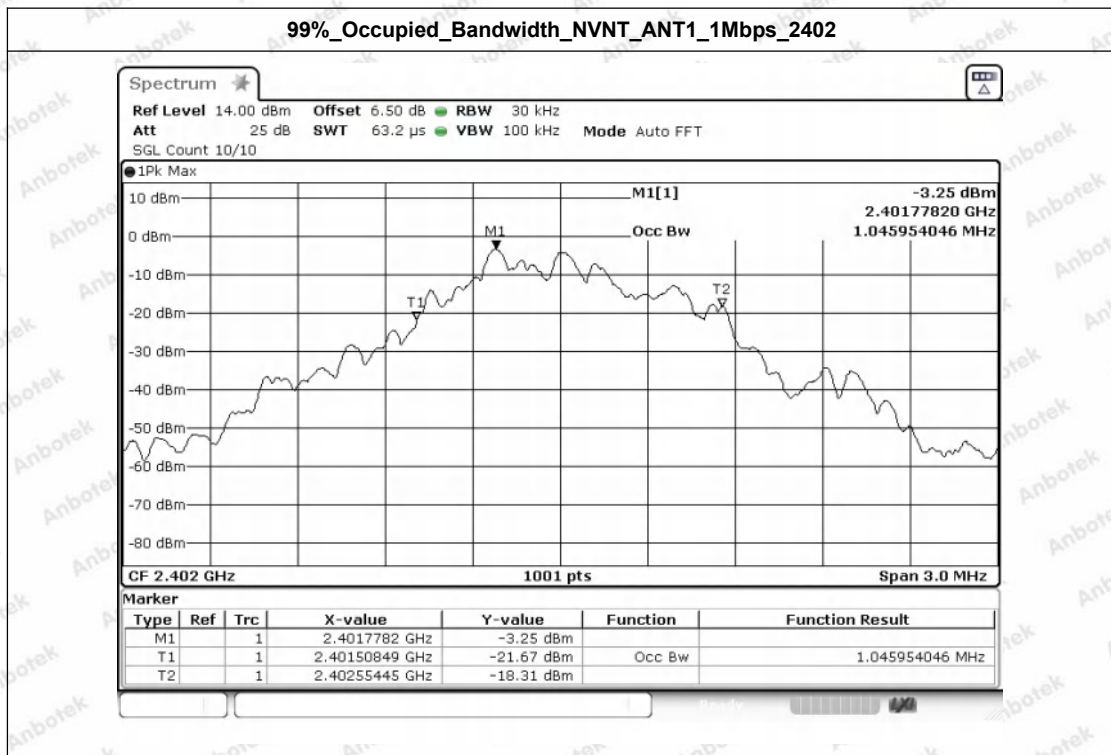
-6dB\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480

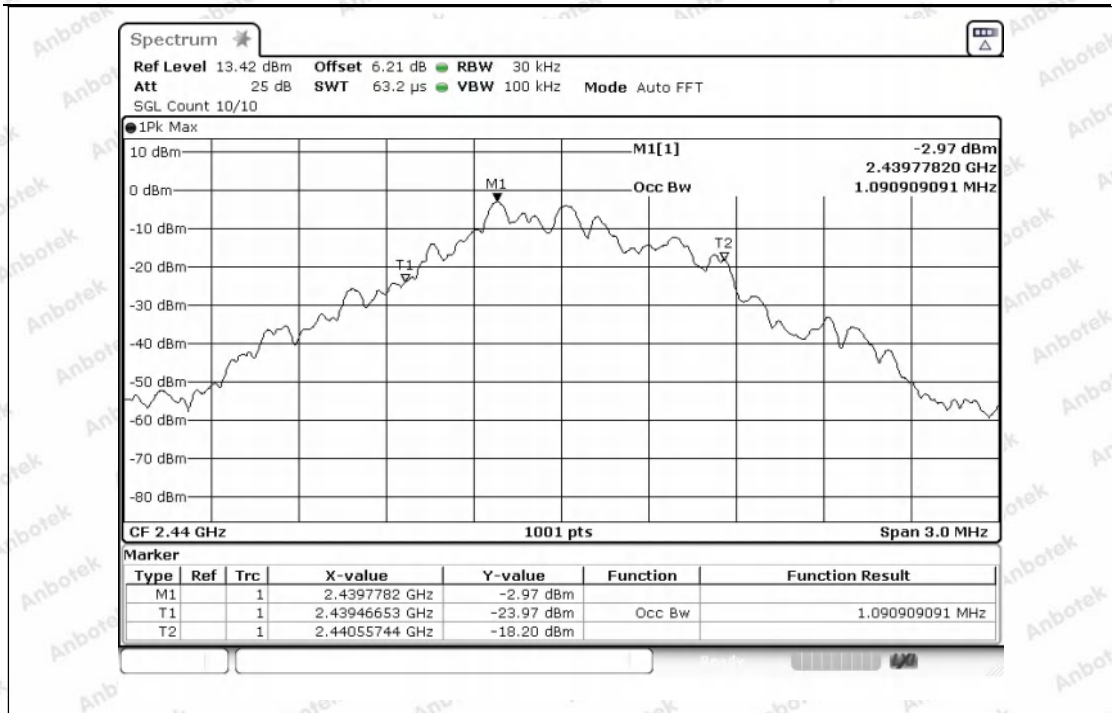




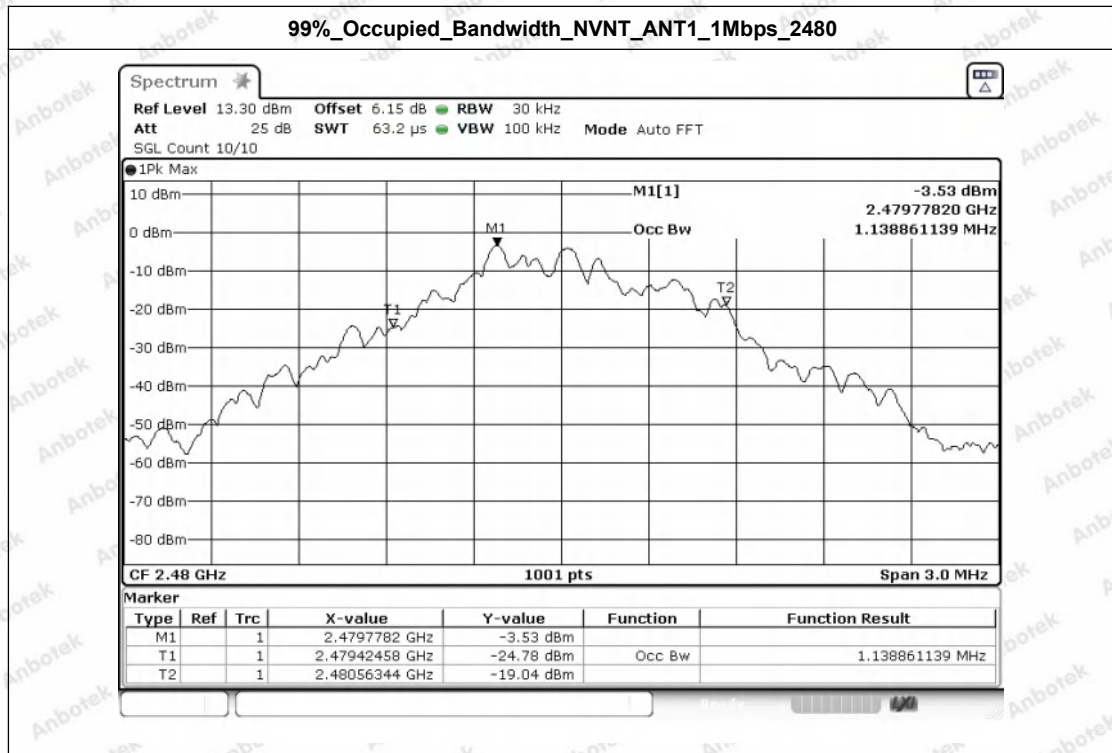
## Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.046
NVNT	ANT1	1Mbps	2440.00	1.091
NVNT	ANT1	1Mbps	2480	1.139
NVNT	ANT1	2Mbps	2402	2.041
NVNT	ANT1	2Mbps	2440.00	2.053
NVNT	ANT1	2Mbps	2480	2.074



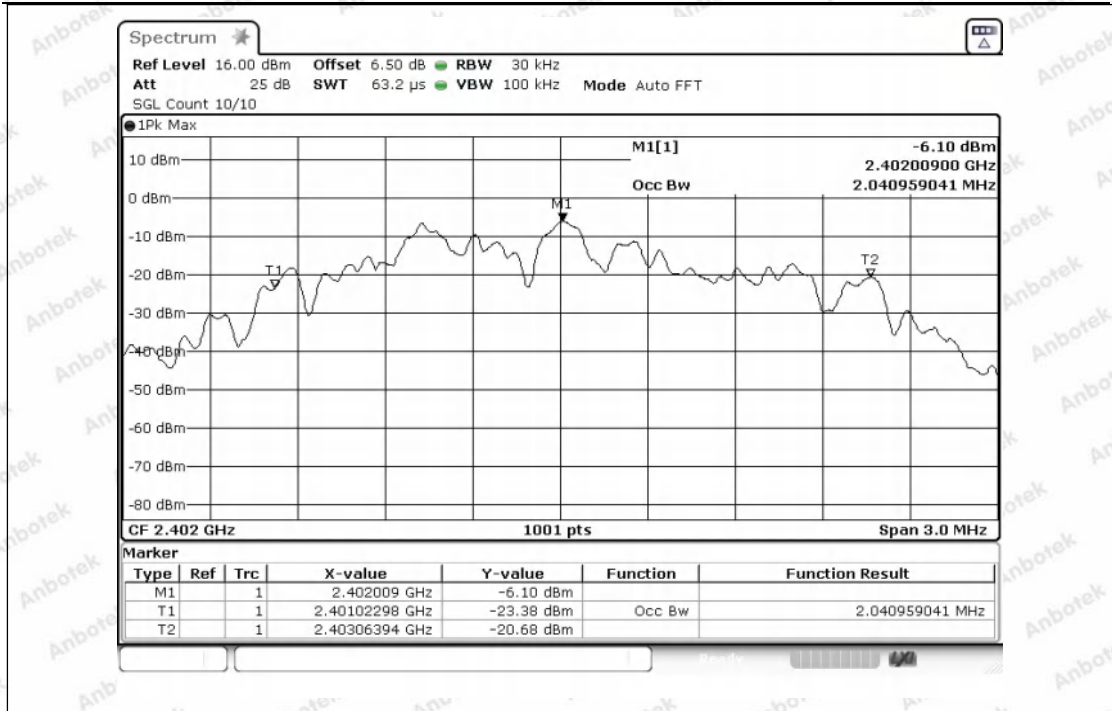


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_1Mbps\_2480

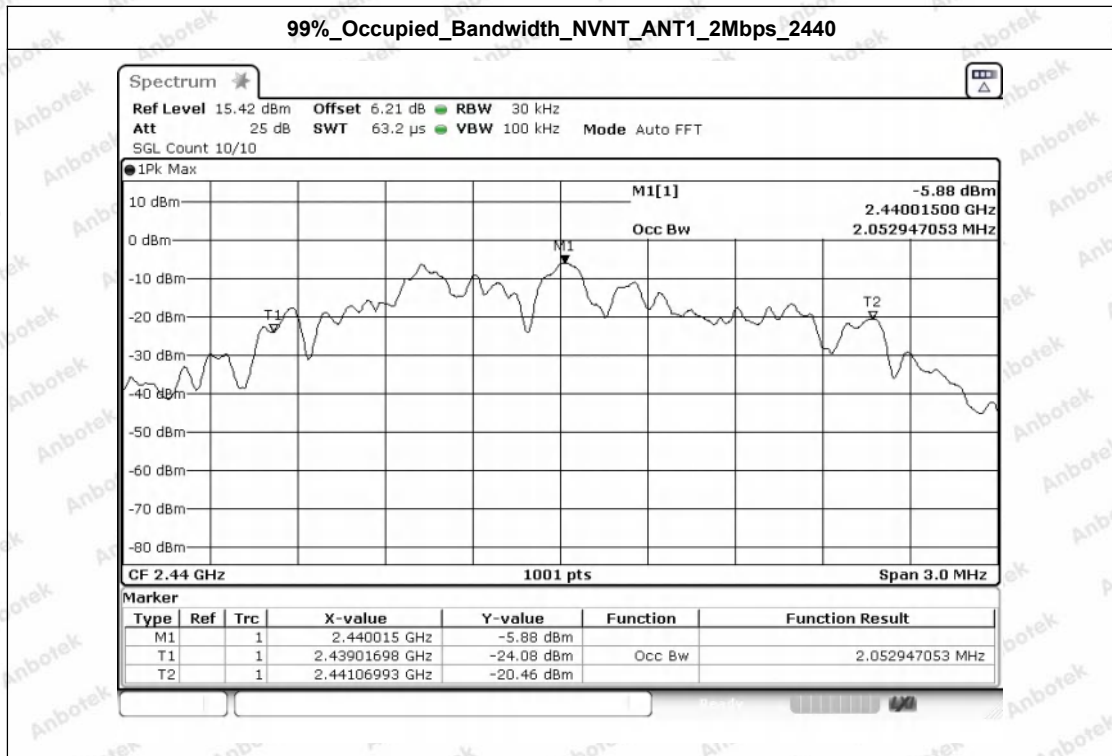


99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2402





99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2440



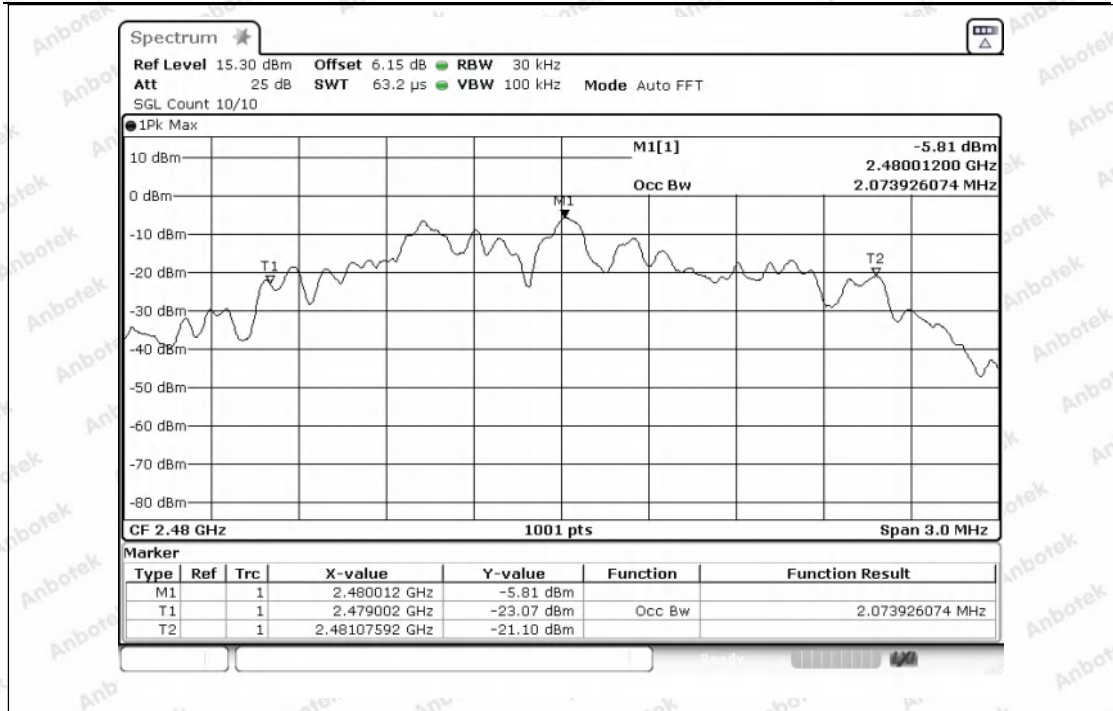
99%\_Occupied\_Bandwidth\_NVNT\_ANT1\_2Mbps\_2480

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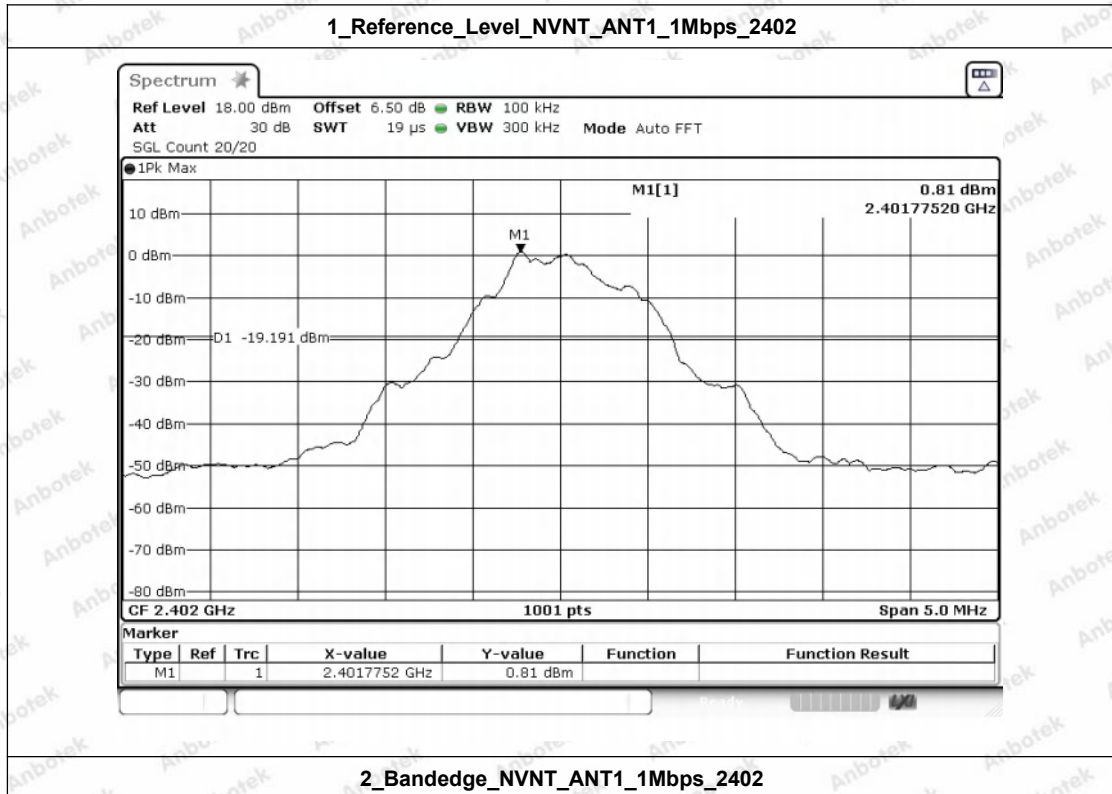
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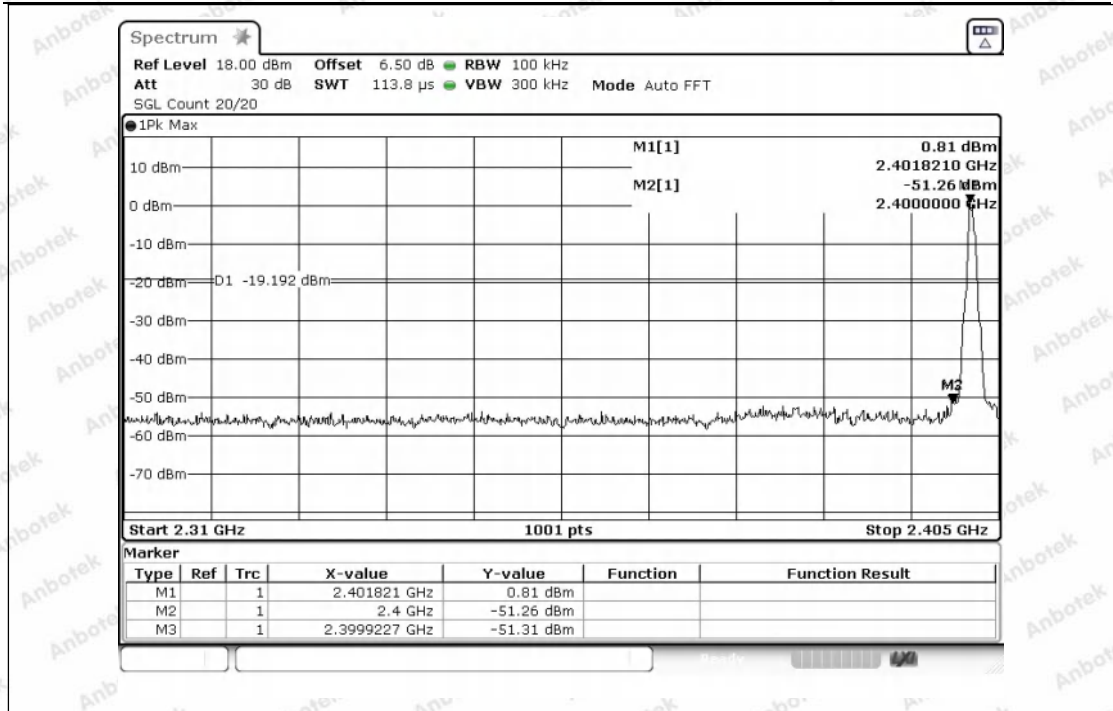




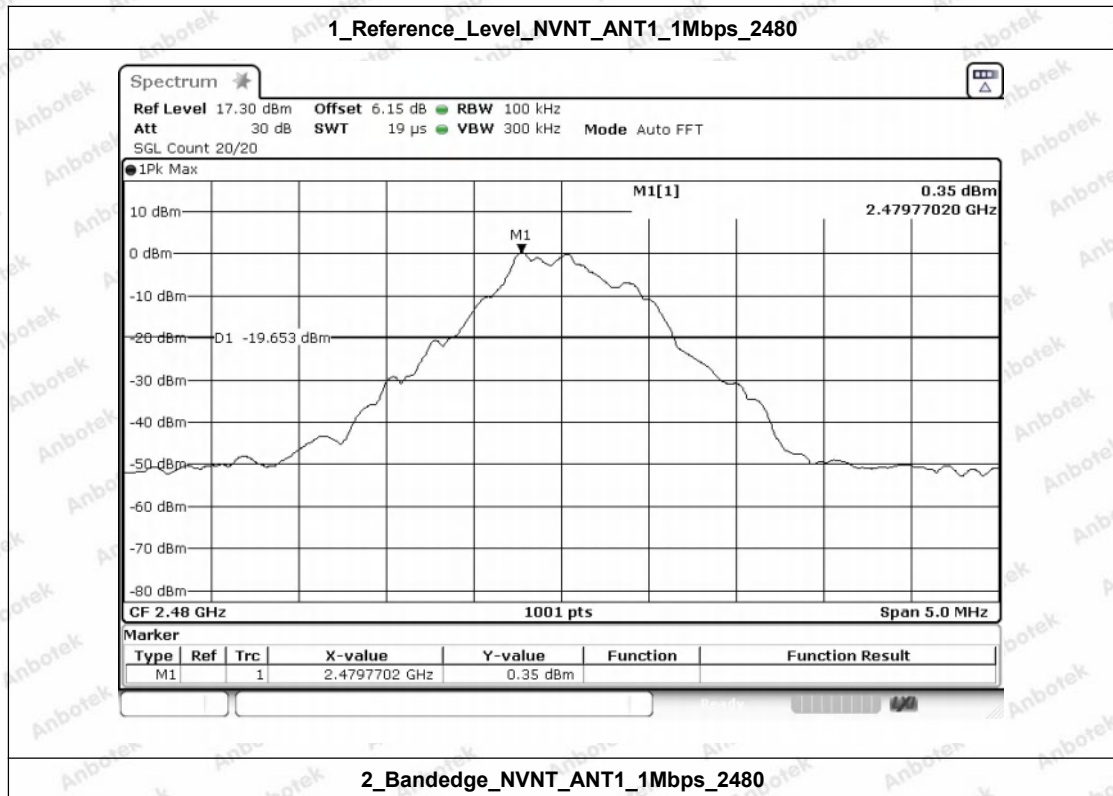
## Appendix C: Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.923	-51.308	-19.192	Pass
NVNT	ANT1	1Mbps	2480	2499.113	-51.448	-19.654	Pass
NVNT	ANT1	2Mbps	2402	2399.923	-34.116	-19.977	Pass
NVNT	ANT1	2Mbps	2480	2485.252	-44.930	-20.213	Pass



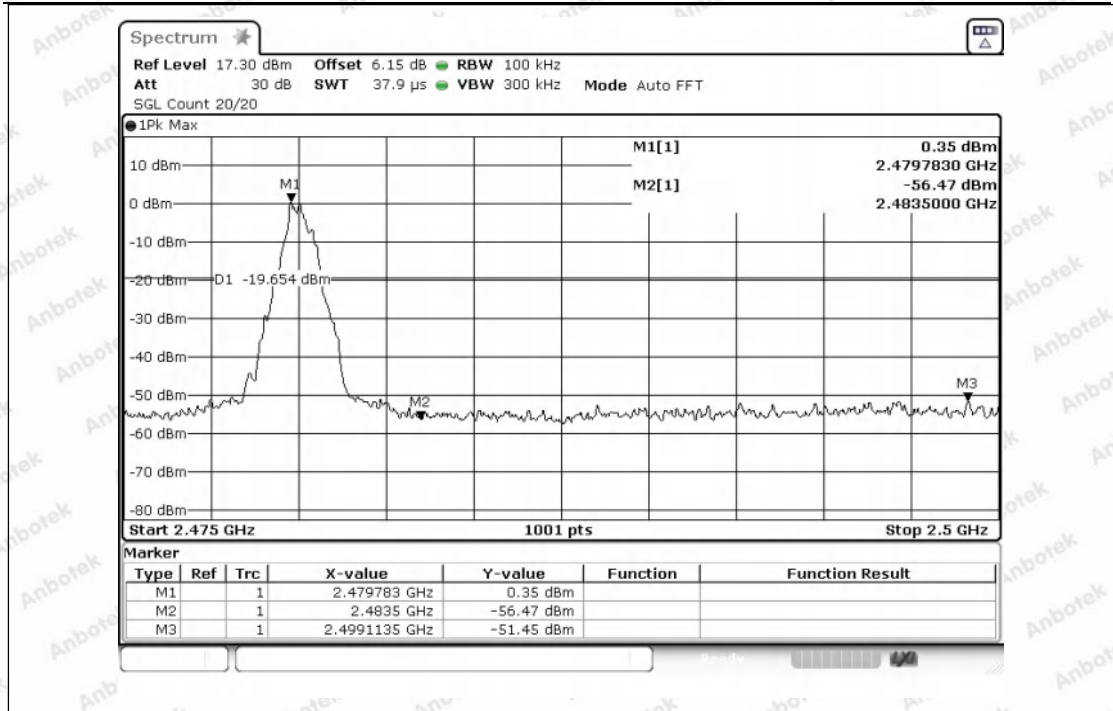


1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480

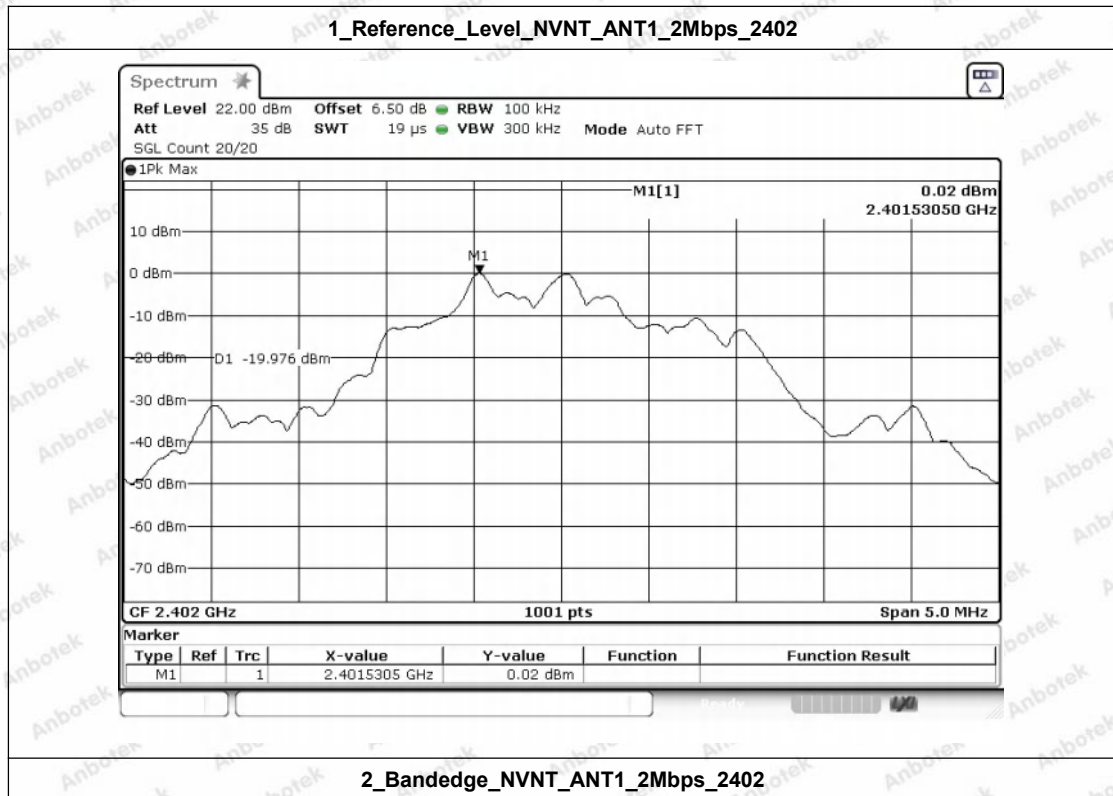


2\_Bandedge\_NVNT\_ANT1\_1Mbps\_2480



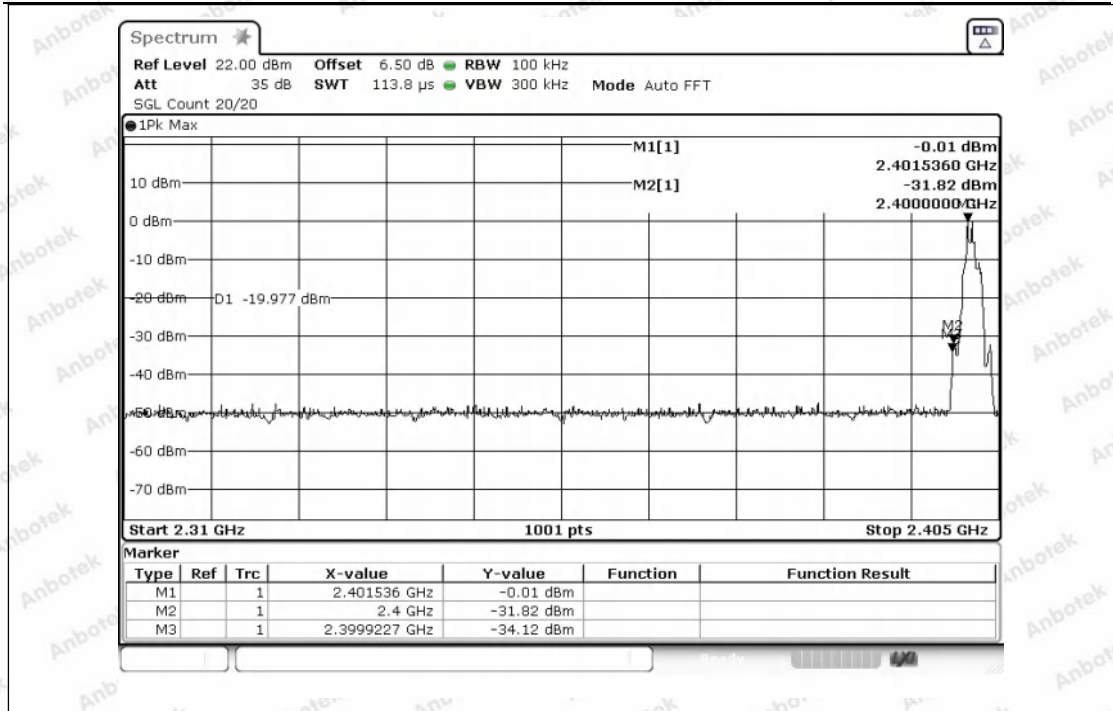


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

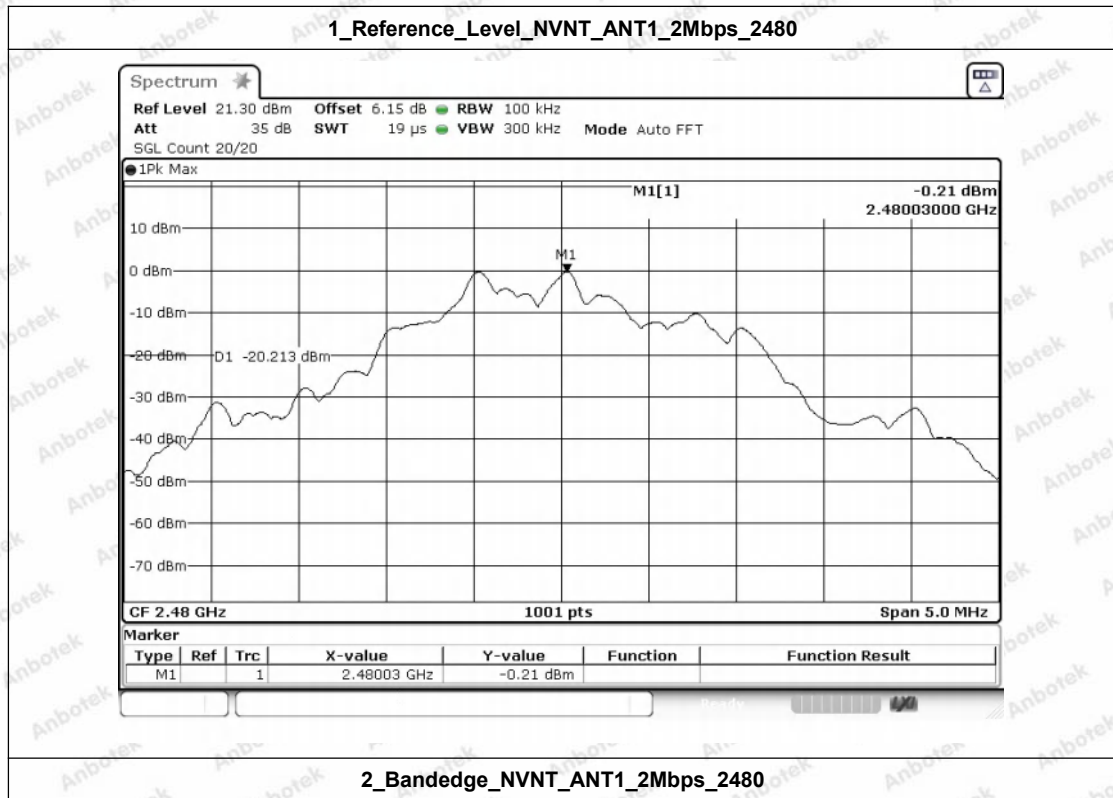


2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2402



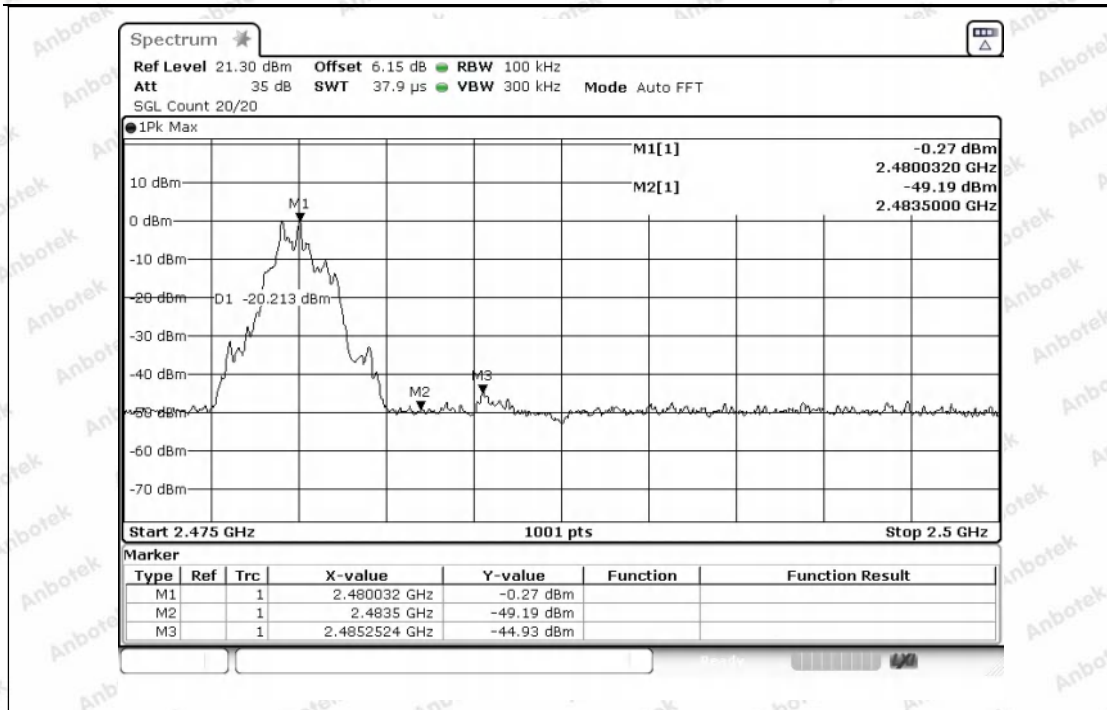


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



2\_Bandedge\_NVNT\_ANT1\_2Mbps\_2480





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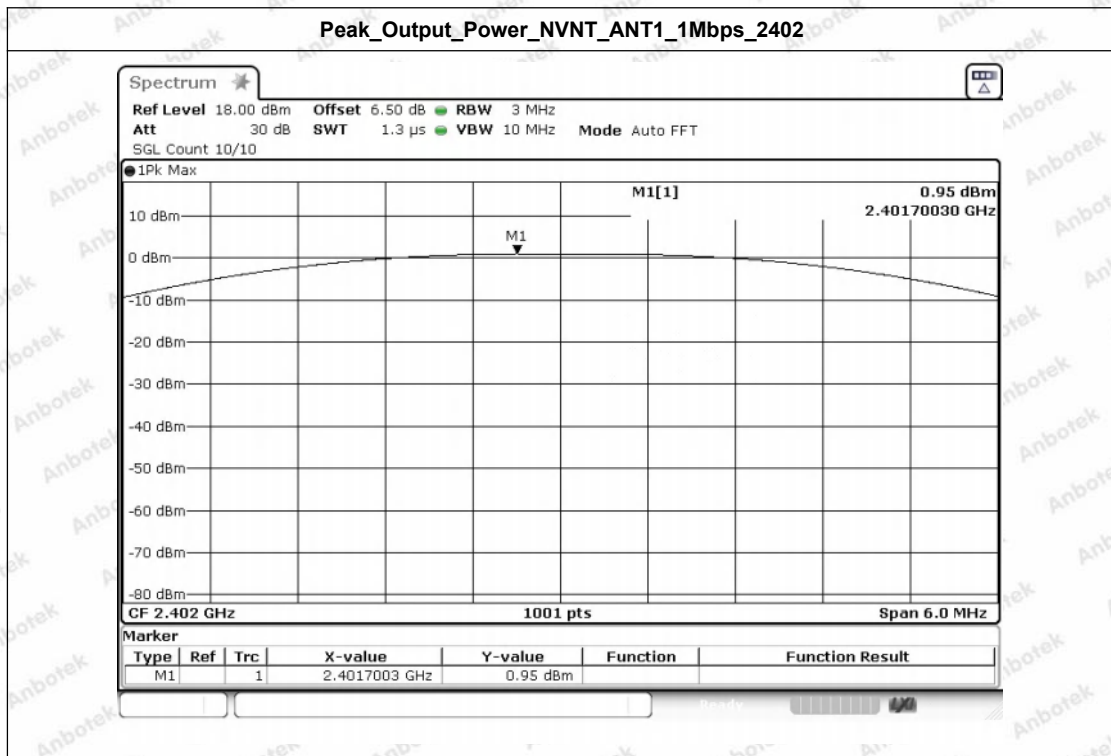
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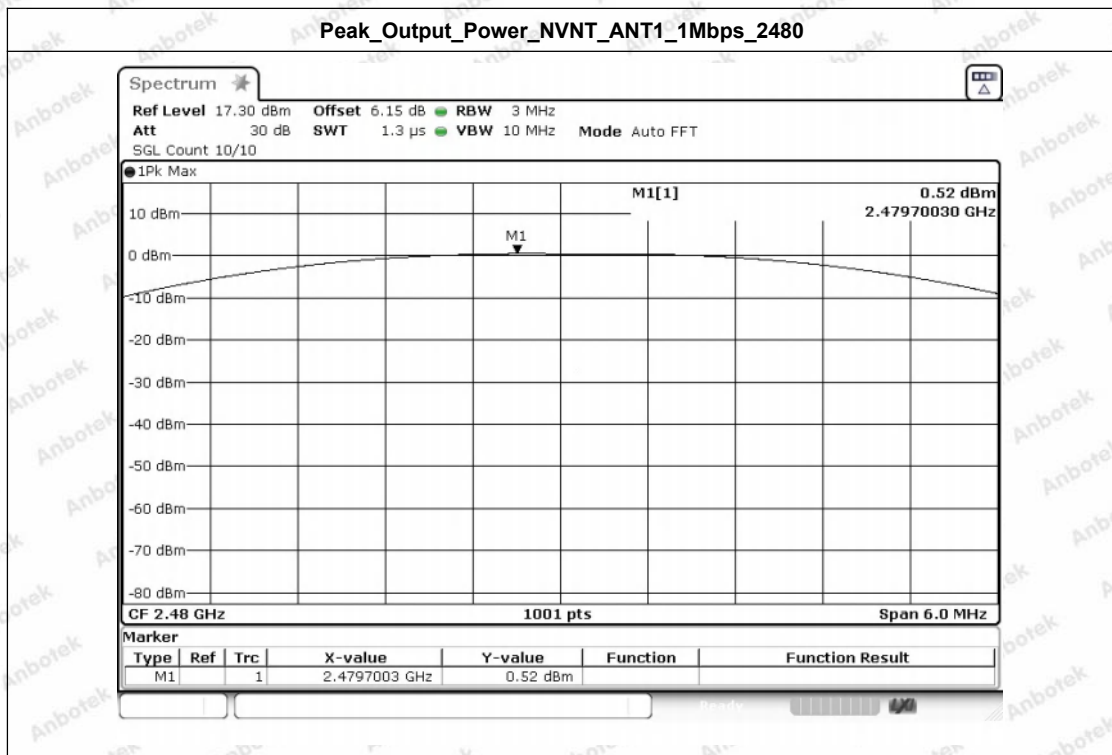
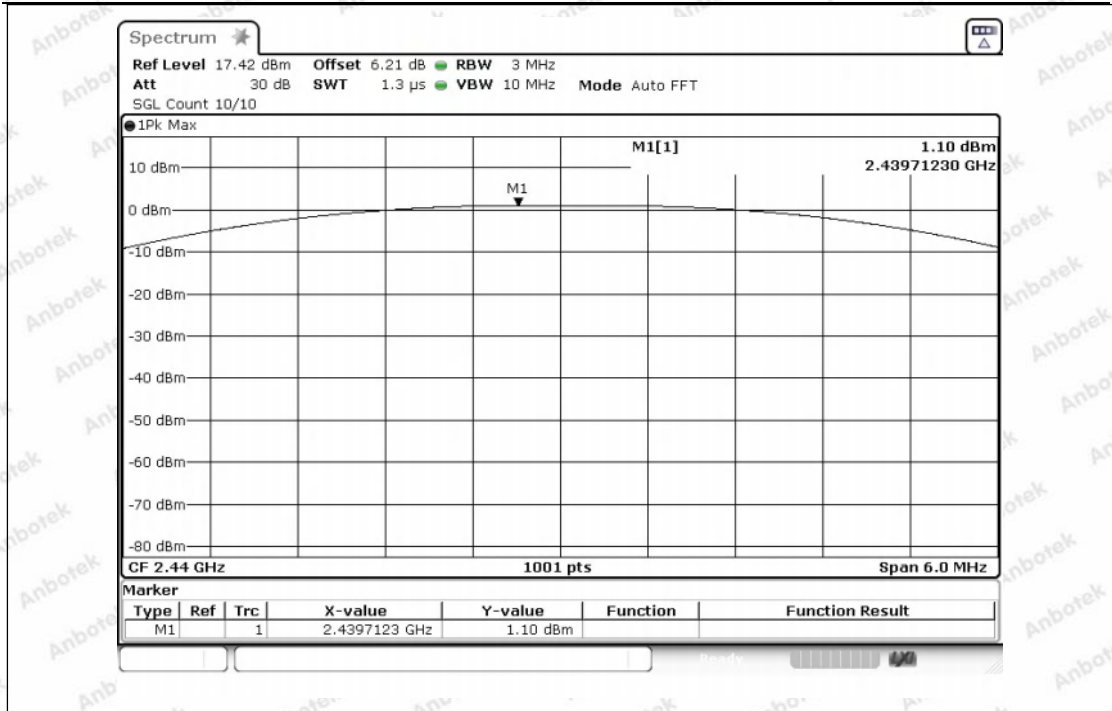
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## Appendix D: Peak Output Power

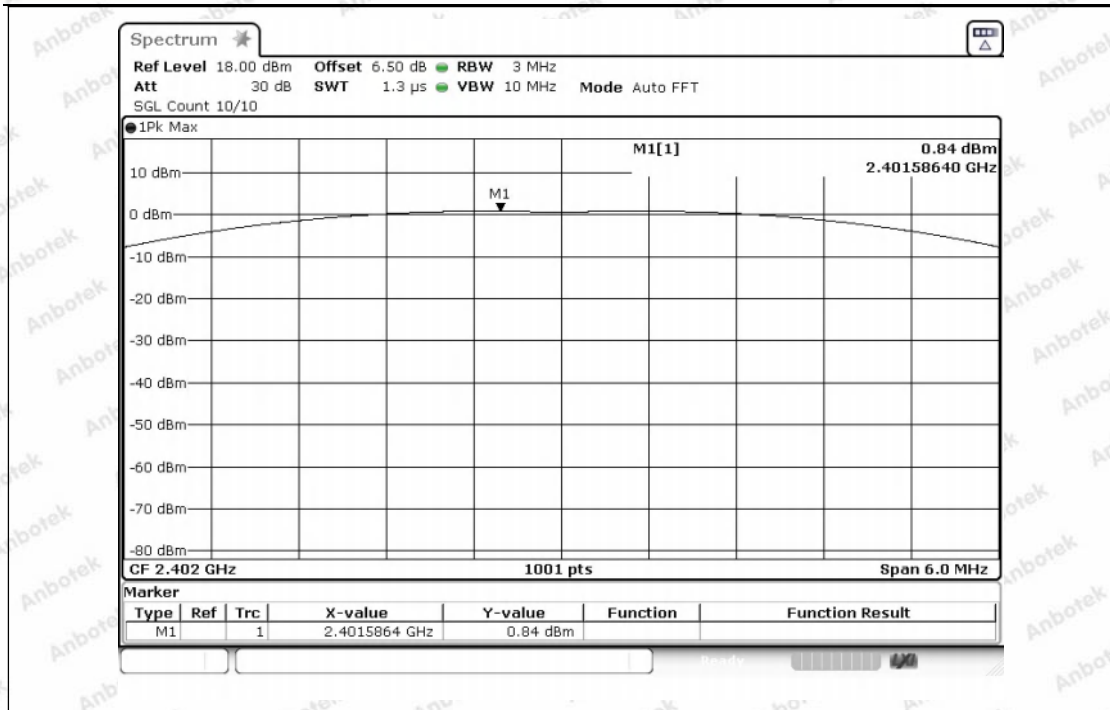
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	0.95	1.24	1000	Pass
NVNT	ANT1	1Mbps	2440.00	1.10	1.29	1000	Pass
NVNT	ANT1	1Mbps	2480	0.52	1.13	1000	Pass
NVNT	ANT1	2Mbps	2402	0.84	1.21	1000	Pass
NVNT	ANT1	2Mbps	2440.00	1.00	1.26	1000	Pass
NVNT	ANT1	2Mbps	2480	0.49	1.12	1000	Pass



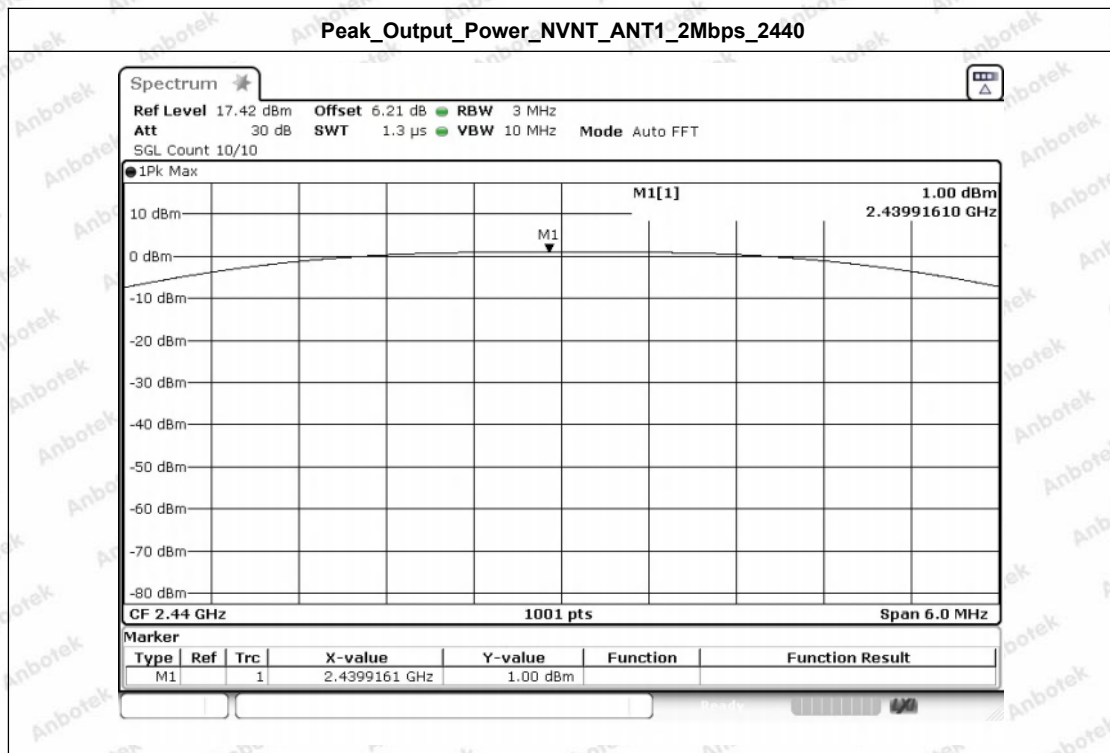


**Peak Output Power NVNT\_ANT1\_2Mbps\_2402**





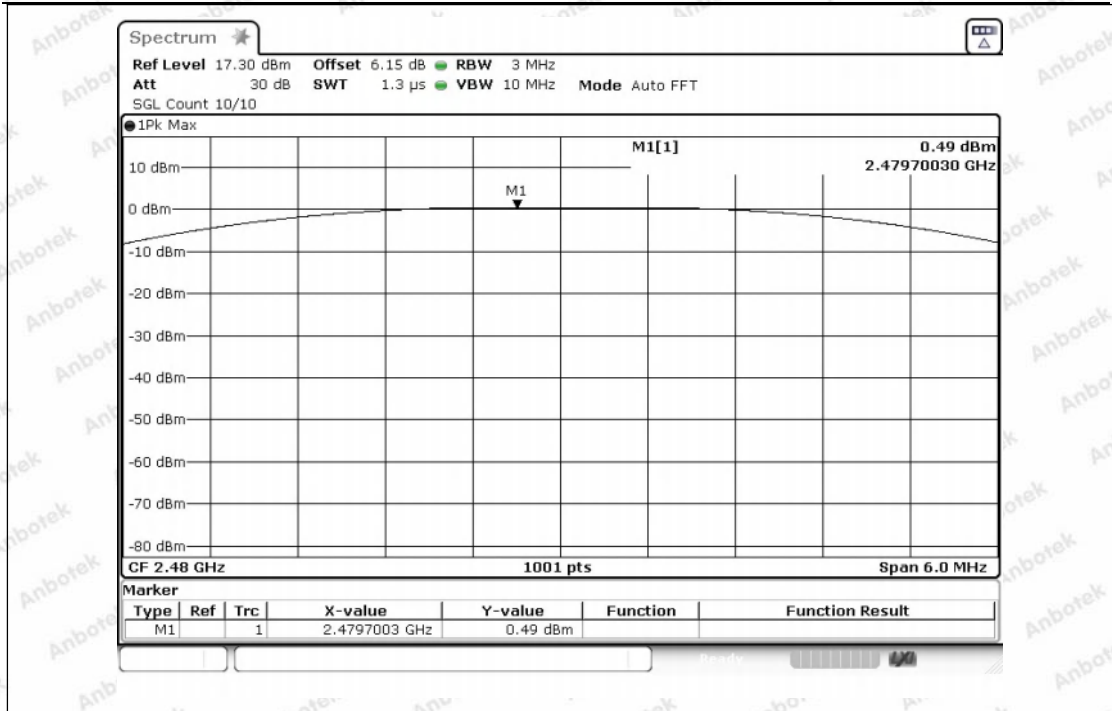
Peak\_Output\_Power\_NVNT\_ANT1\_2Mbps\_2440



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







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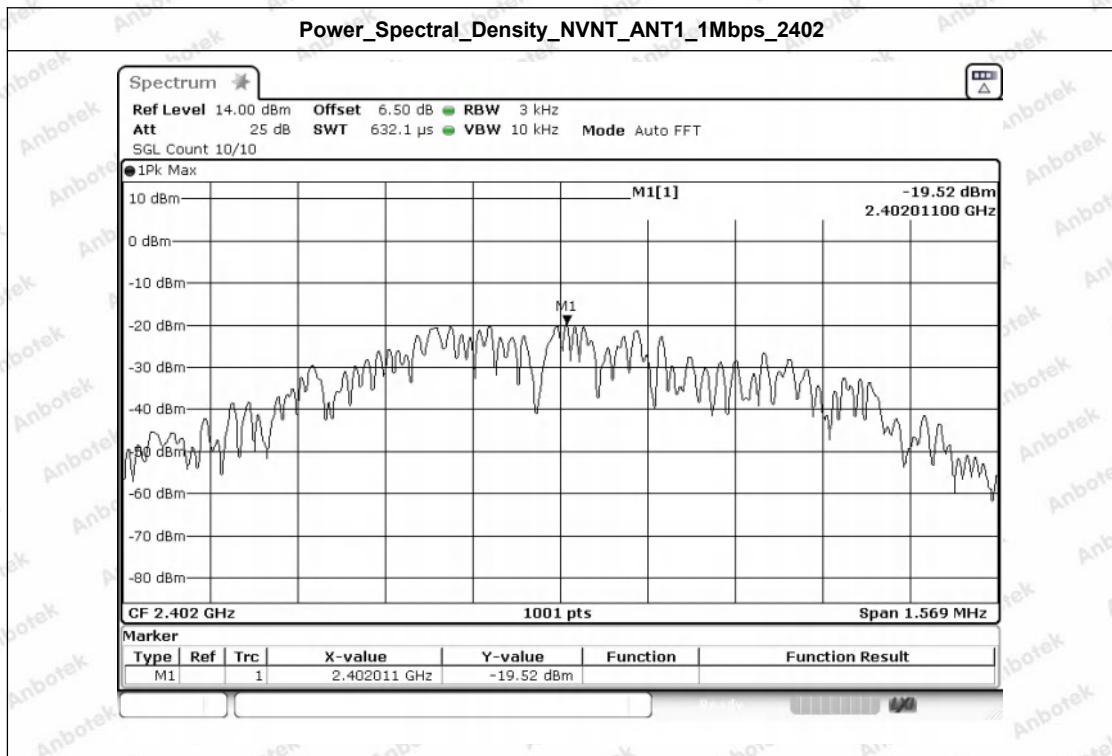
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.  
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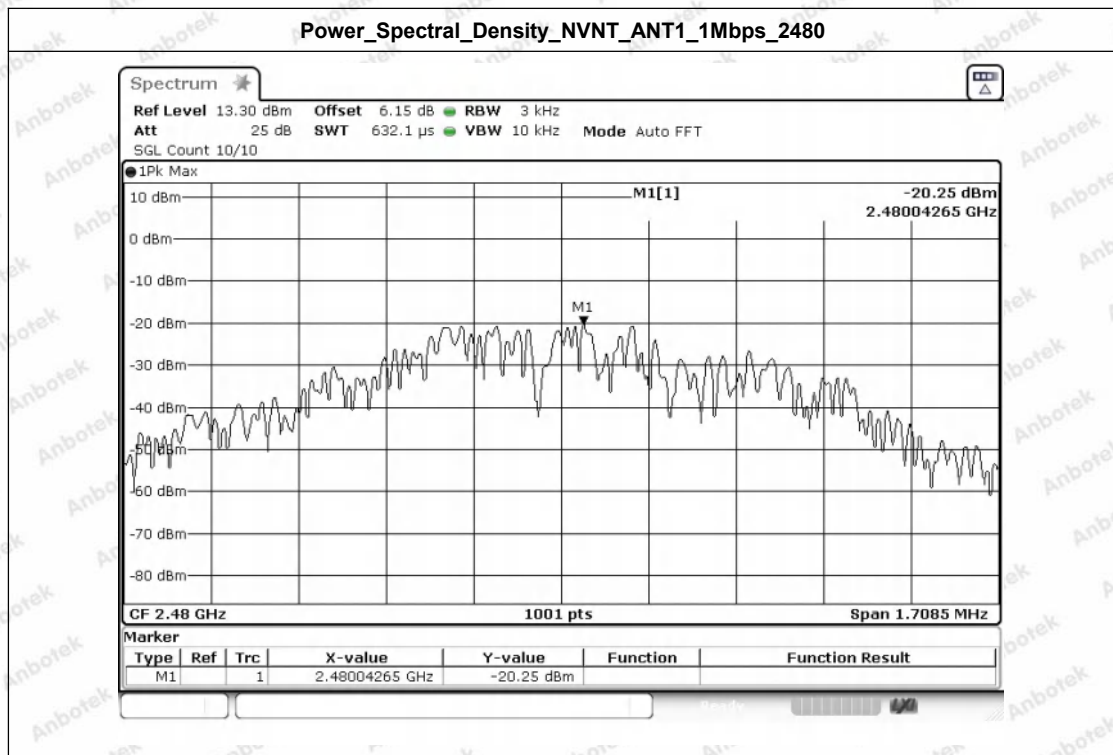
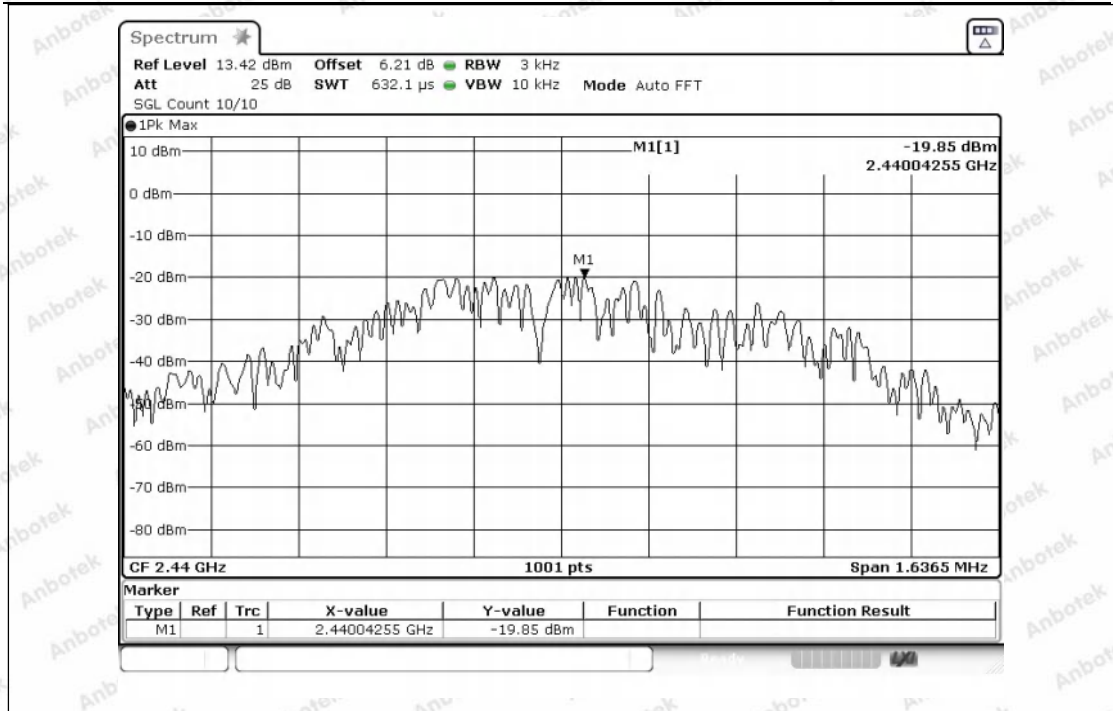
## Appendix E: Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-19.52	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.85	8	Pass
NVNT	ANT1	1Mbps	2480	-20.25	8	Pass
NVNT	ANT1	2Mbps	2402	-22.08	8	Pass
NVNT	ANT1	2Mbps	2440.00	-21.80	8	Pass
NVNT	ANT1	2Mbps	2480	-22.16	8	Pass



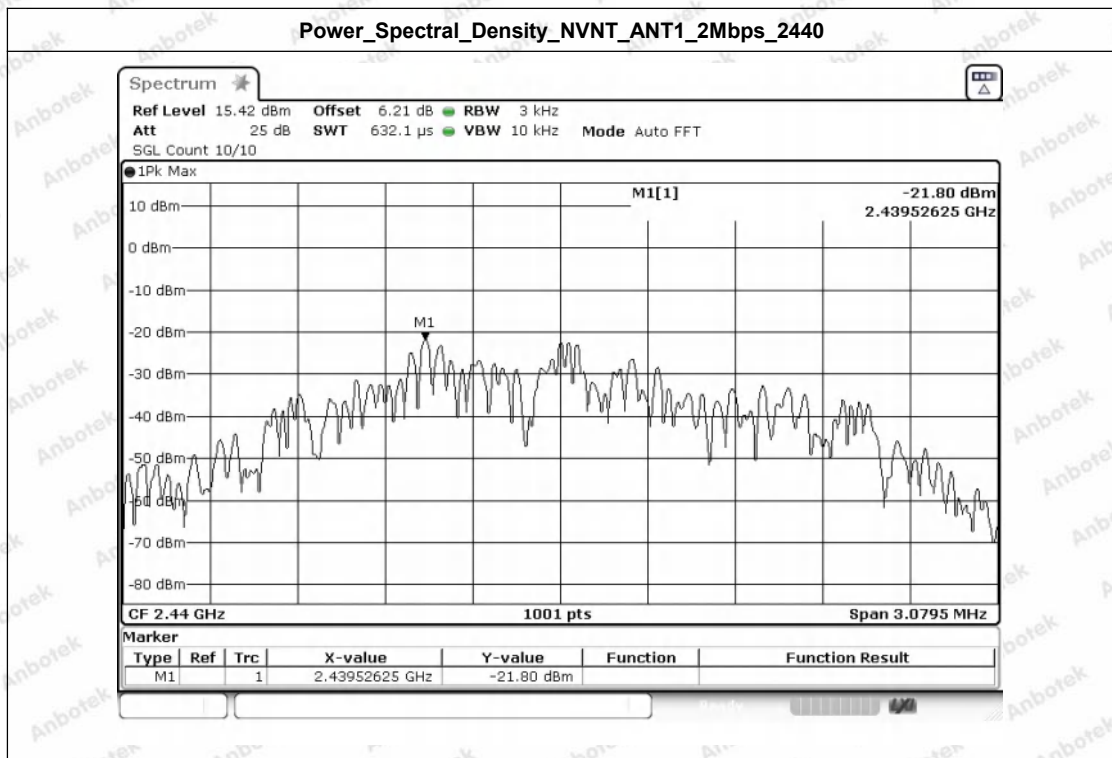
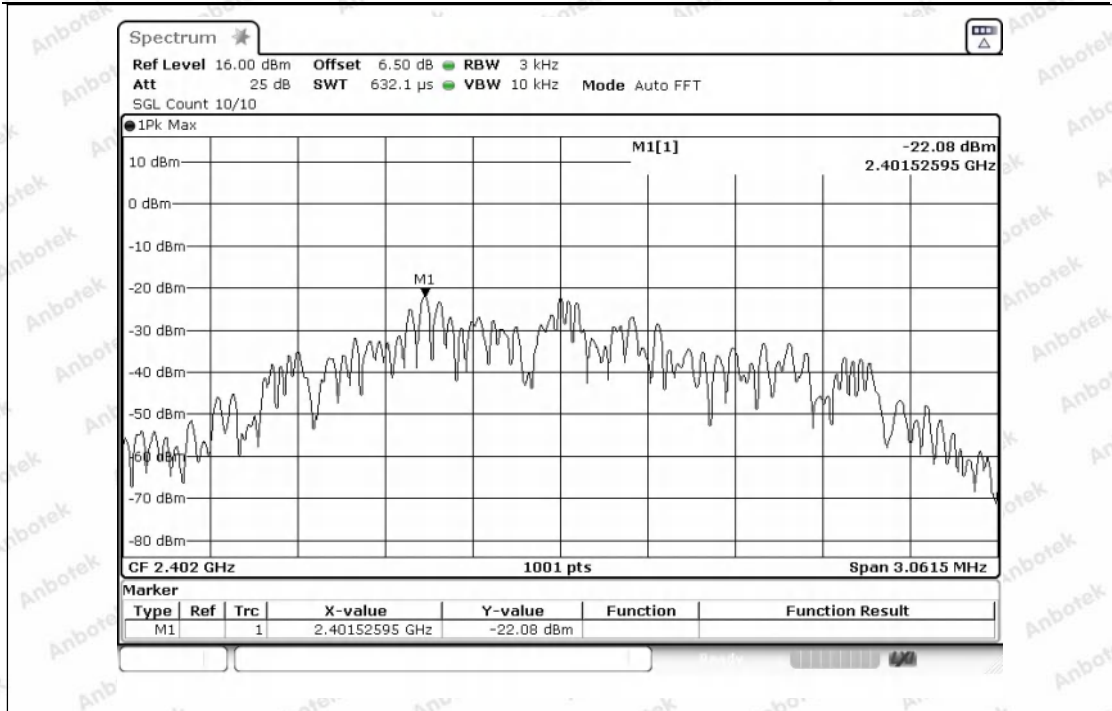
**Power\_Spectral\_Density\_NVNT\_ANT1\_1Mbps\_2440**





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





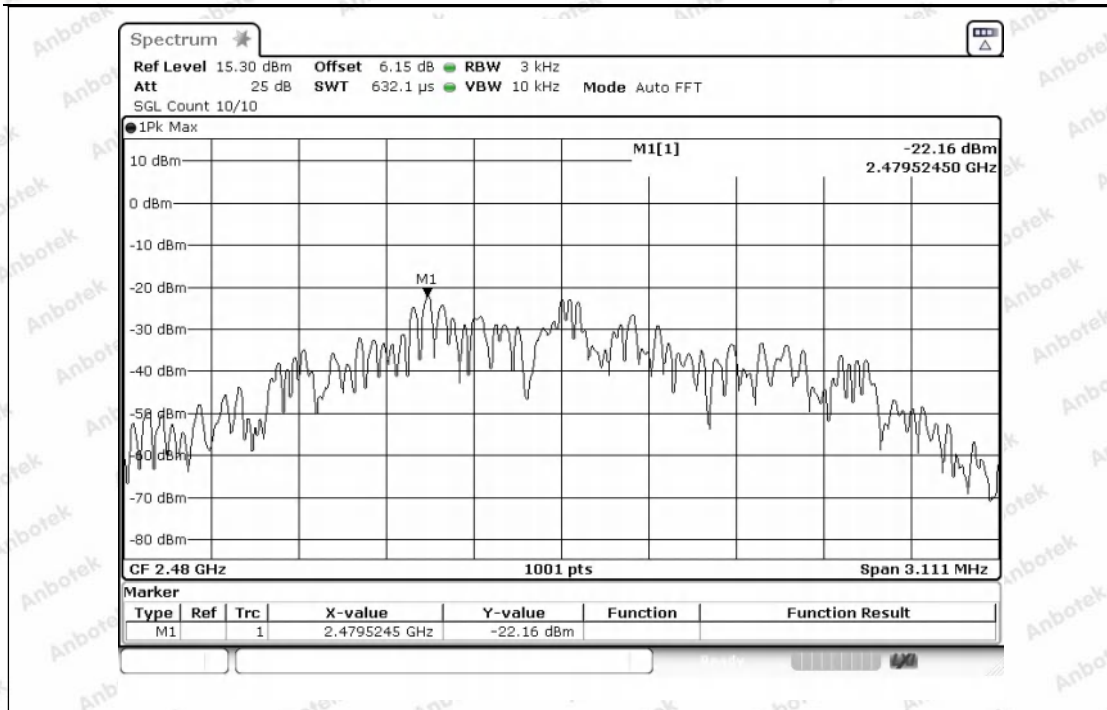
**Power\_Spectral\_Density\_NVNT\_ANT1\_2Mbps\_2480**

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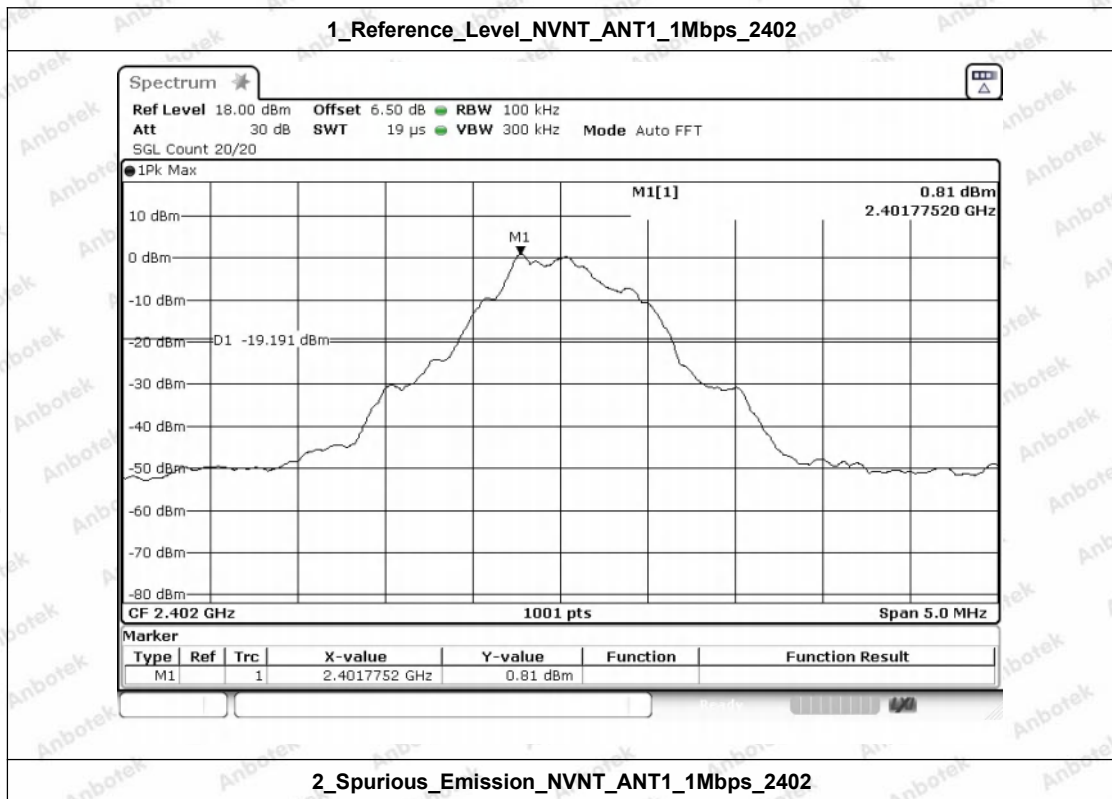
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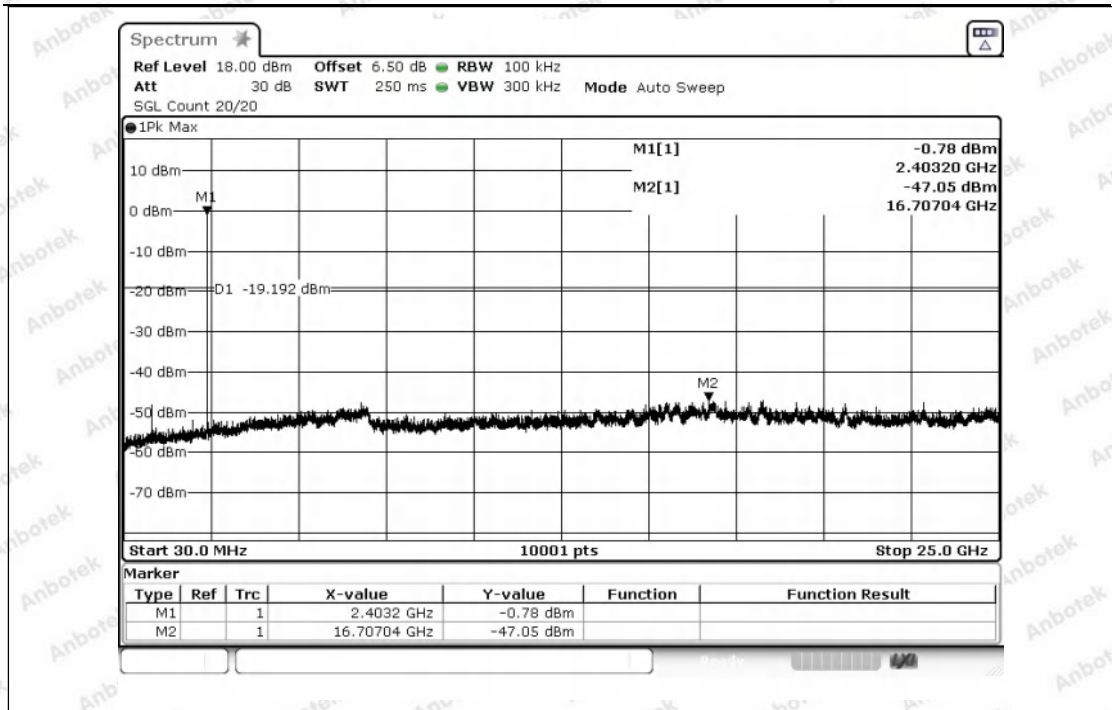
## Appendix F: Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-47.051	-19.192	Pass
NVNT	ANT1	1Mbps	2440.00	-46.484	-19.072	Pass
NVNT	ANT1	1Mbps	2480	-47.218	-19.654	Pass
NVNT	ANT1	2Mbps	2402	-41.372	-19.977	Pass
NVNT	ANT1	2Mbps	2440.00	-47.265	-19.760	Pass
NVNT	ANT1	2Mbps	2480	-41.565	-20.213	Pass

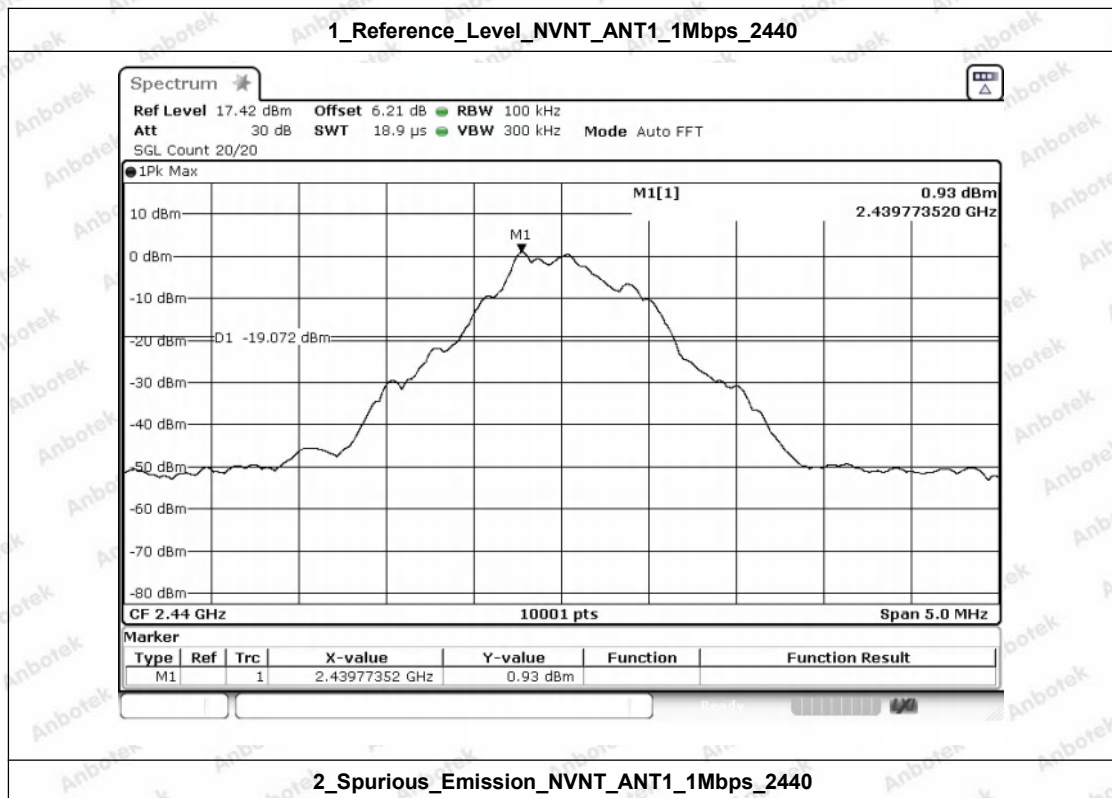


**2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2402**



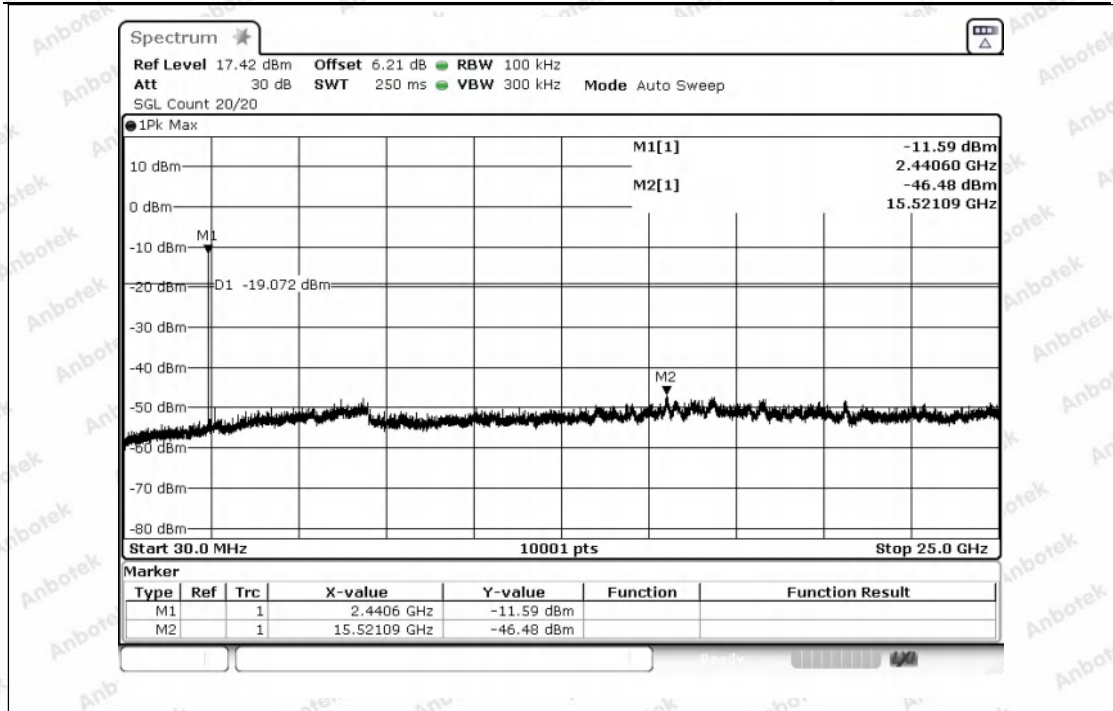


1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2440

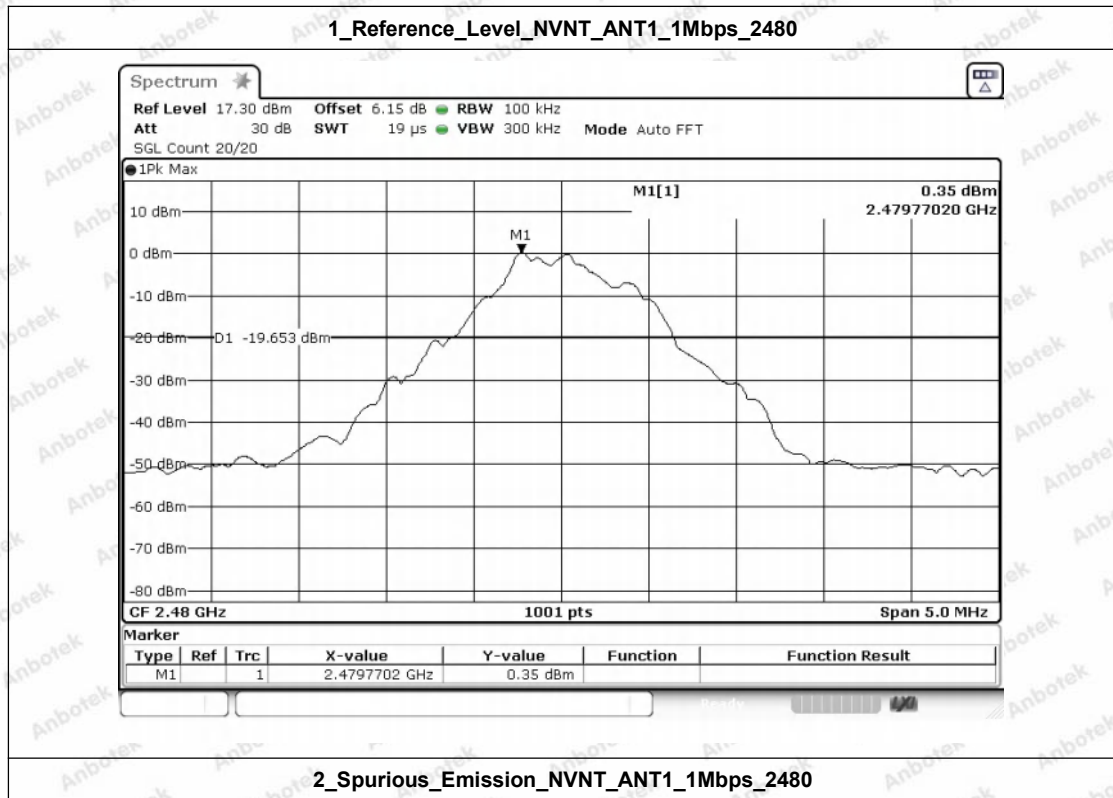


2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2440





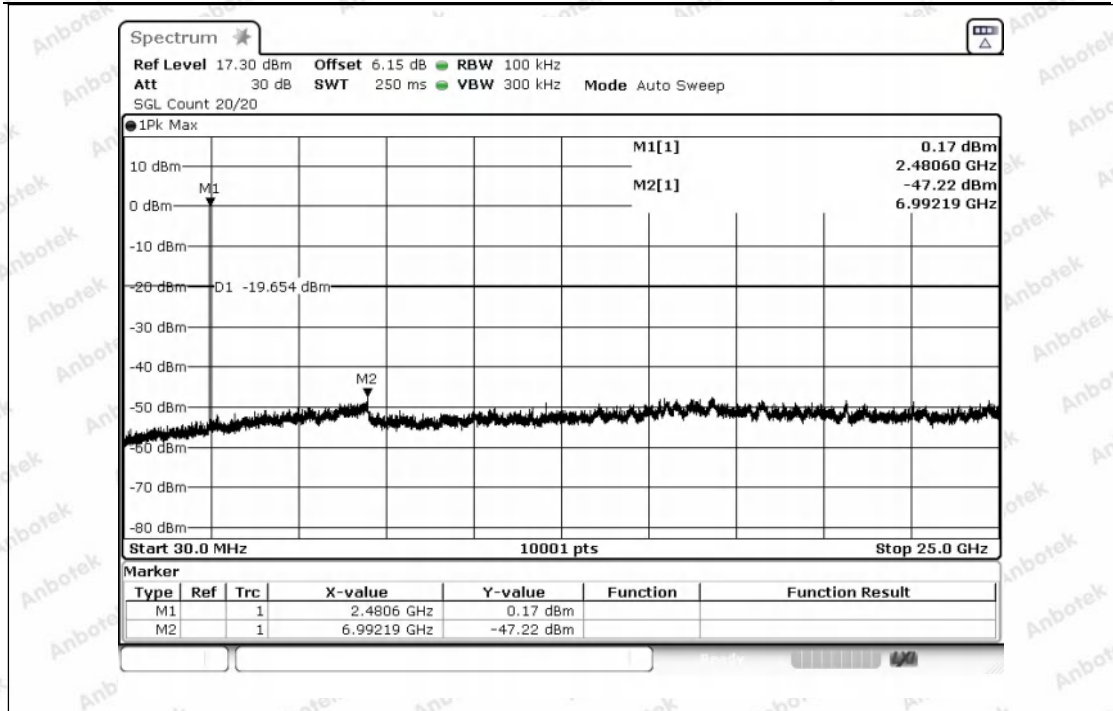
1\_Reference\_Level\_NVNT\_ANT1\_1Mbps\_2480



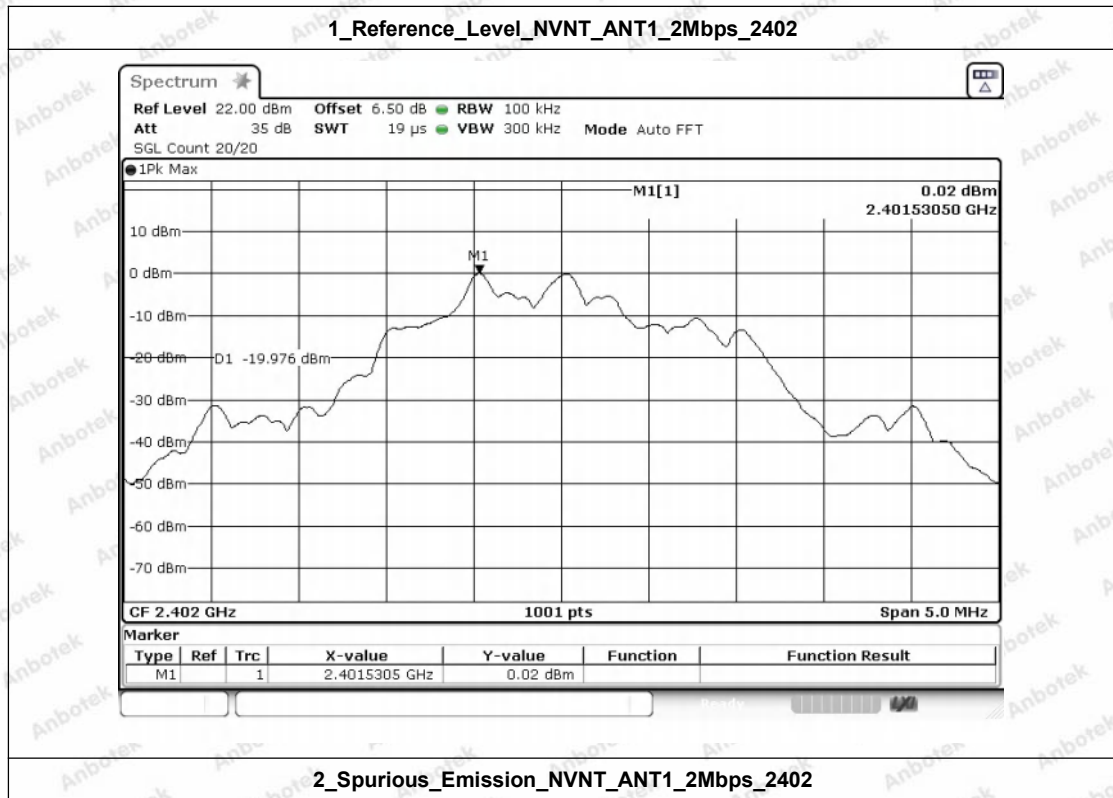
2\_Spurious\_Emission\_NVNT\_ANT1\_1Mbps\_2480





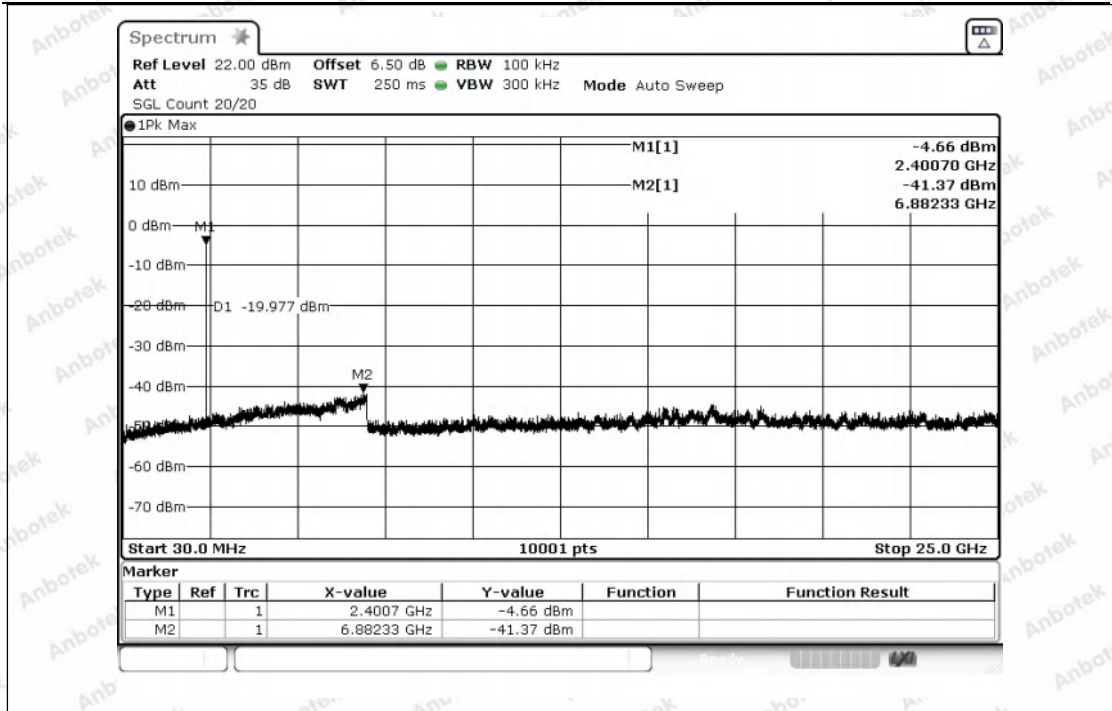


### 1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2402

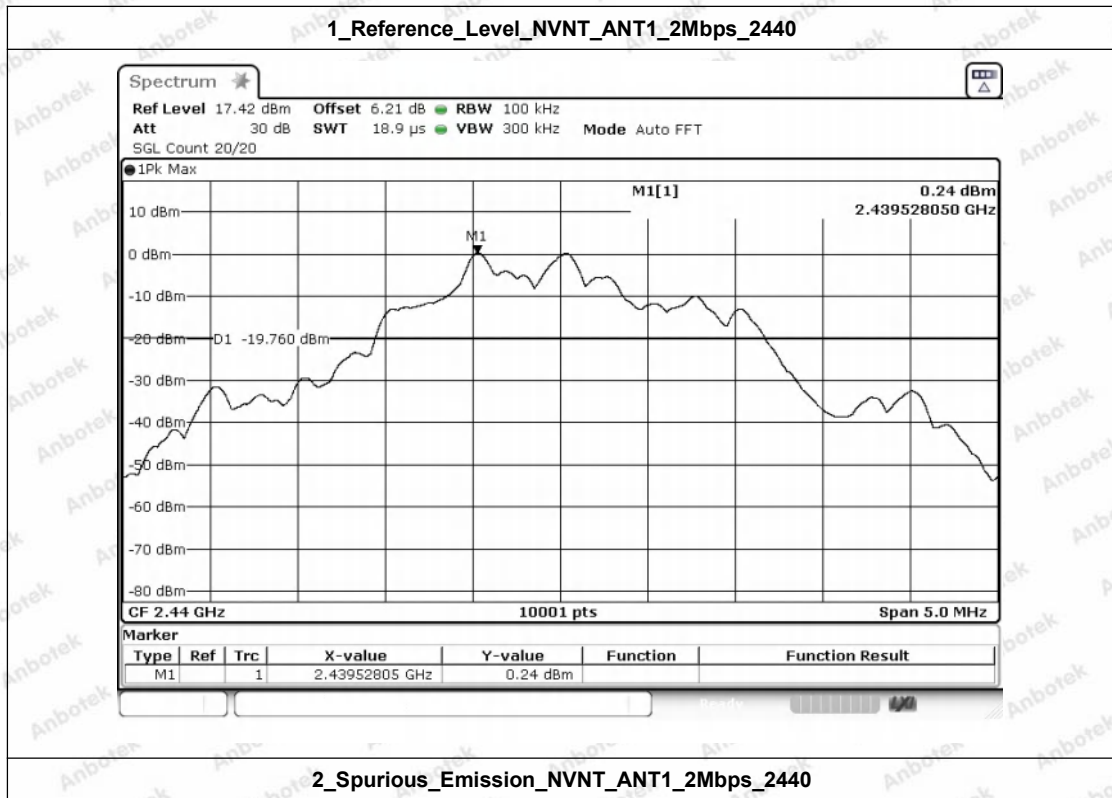


### 2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2402



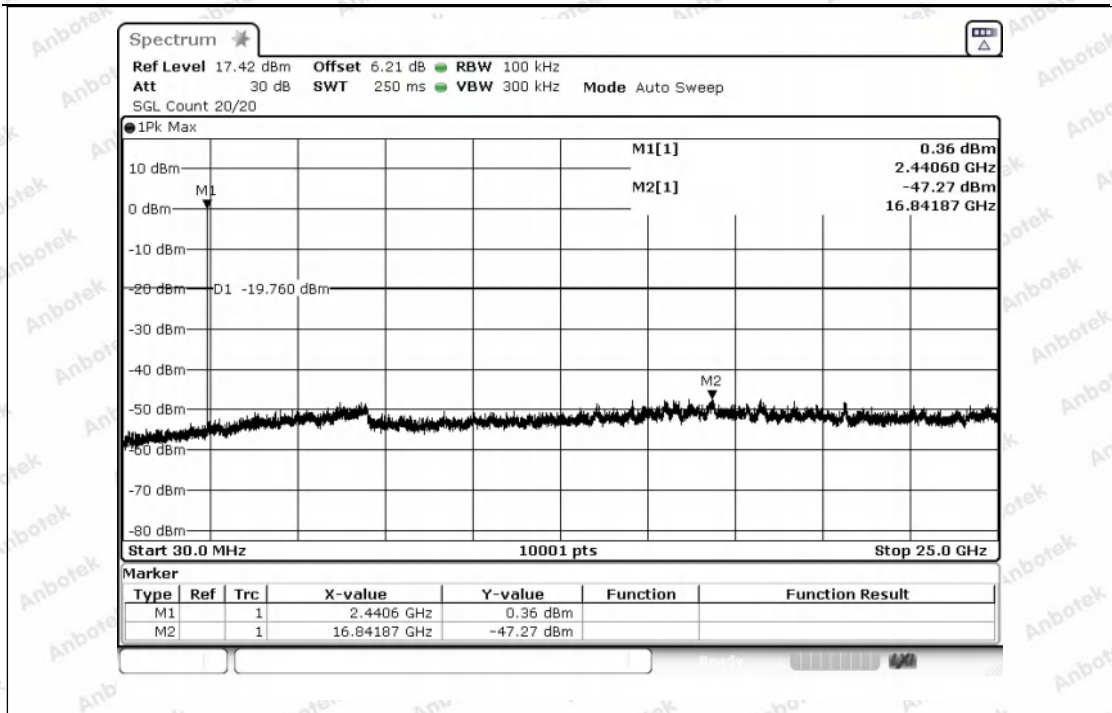


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2440

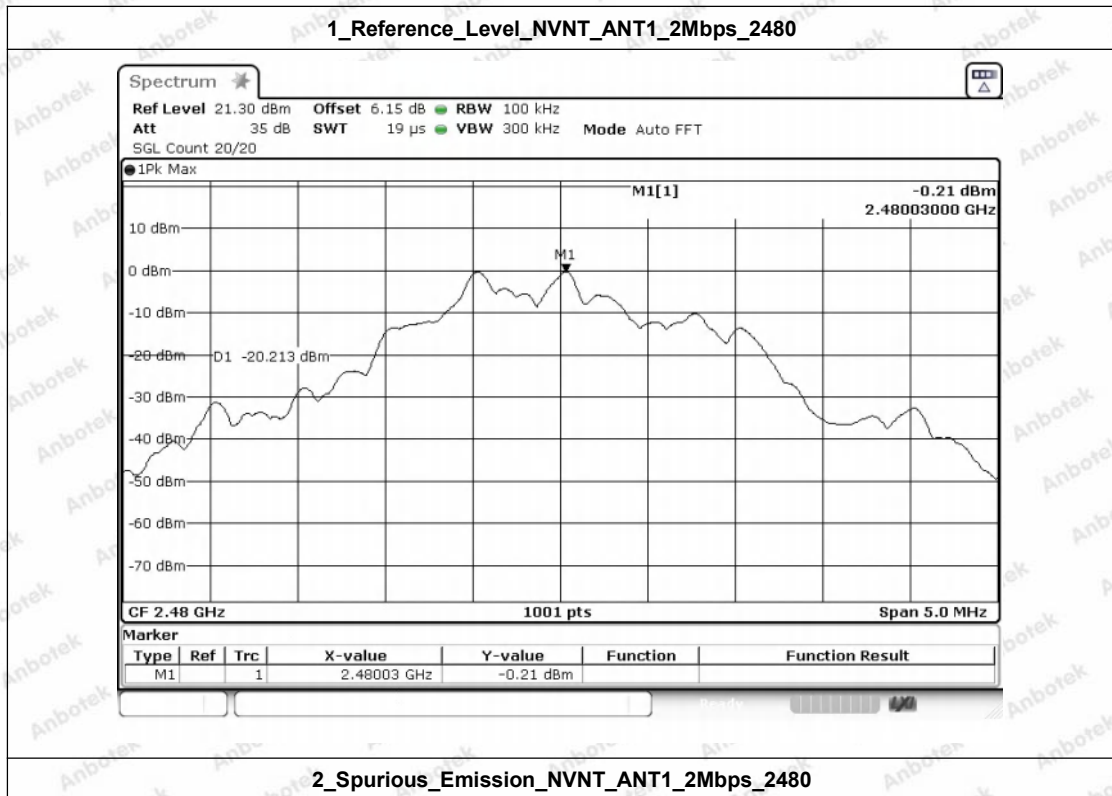


2\_Spurious\_Emission\_NVNT\_ANT1\_2Mbps\_2440



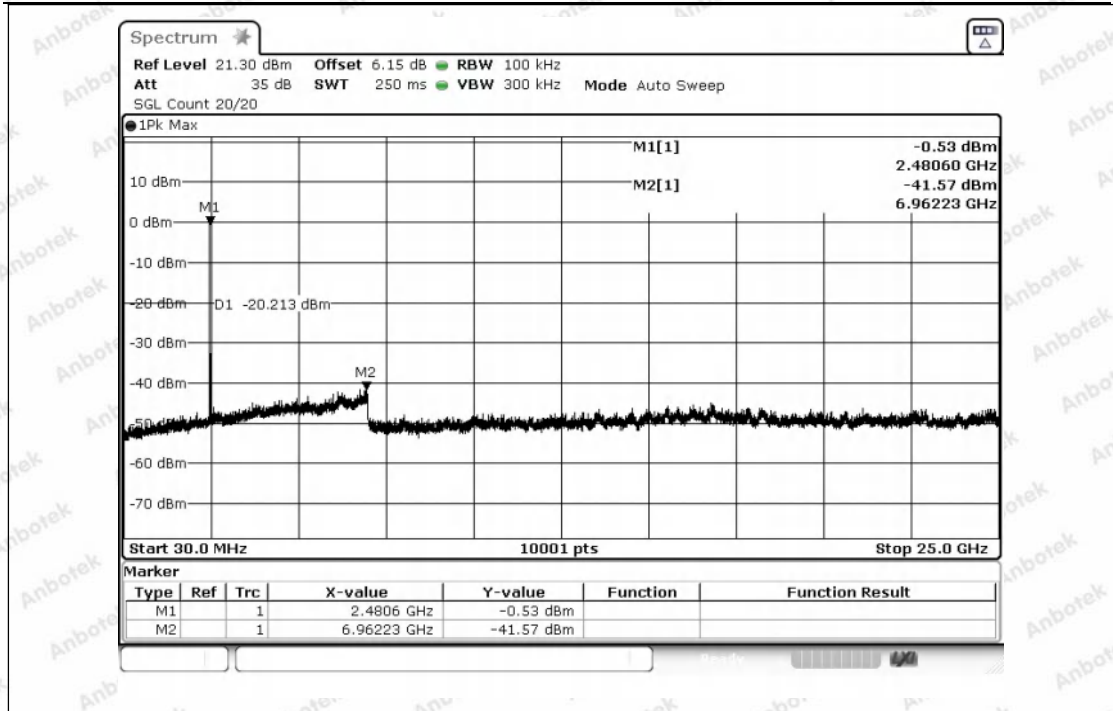


1\_Reference\_Level\_NVNT\_ANT1\_2Mbps\_2480



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





---End---

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