

Appendix Test Data

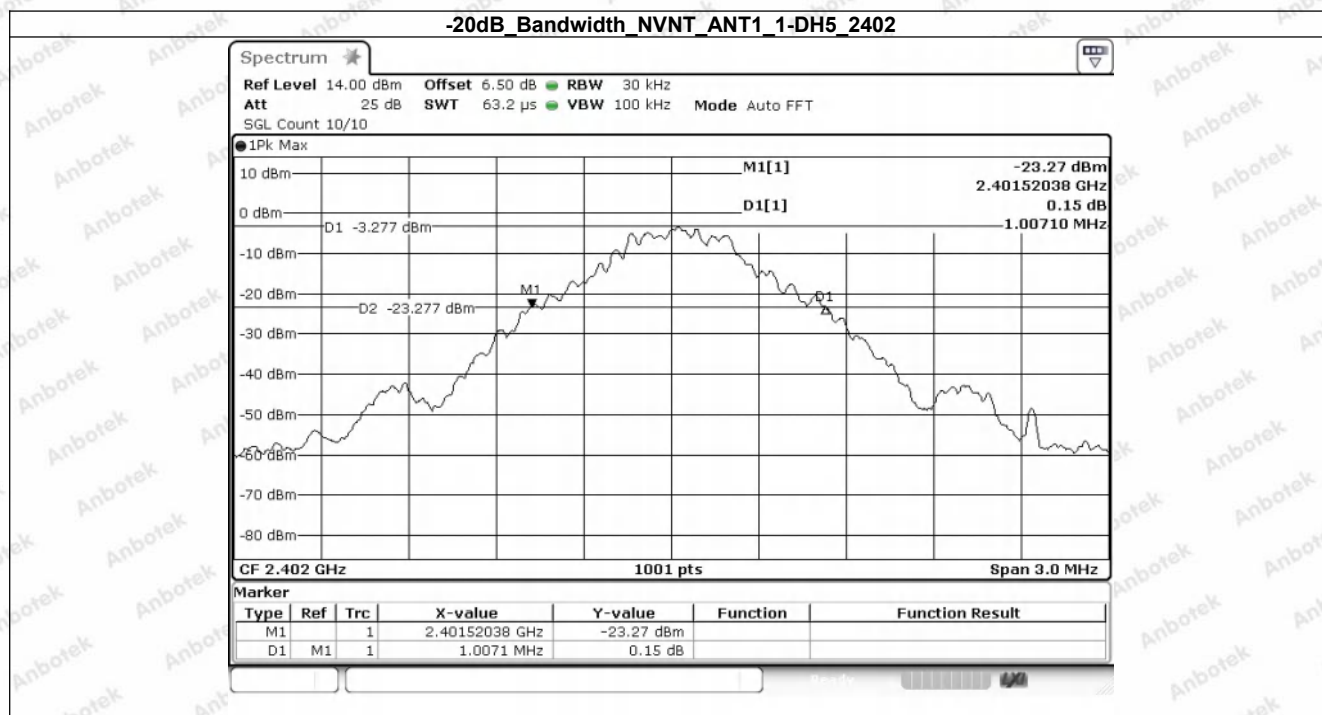
Report No.:	18220WC40047901	Test Sample No.:	1-2-2
Start Test Date:	2024.3.19	Finish Test Date:	2024.3.28
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A: -20dB Bandwidth

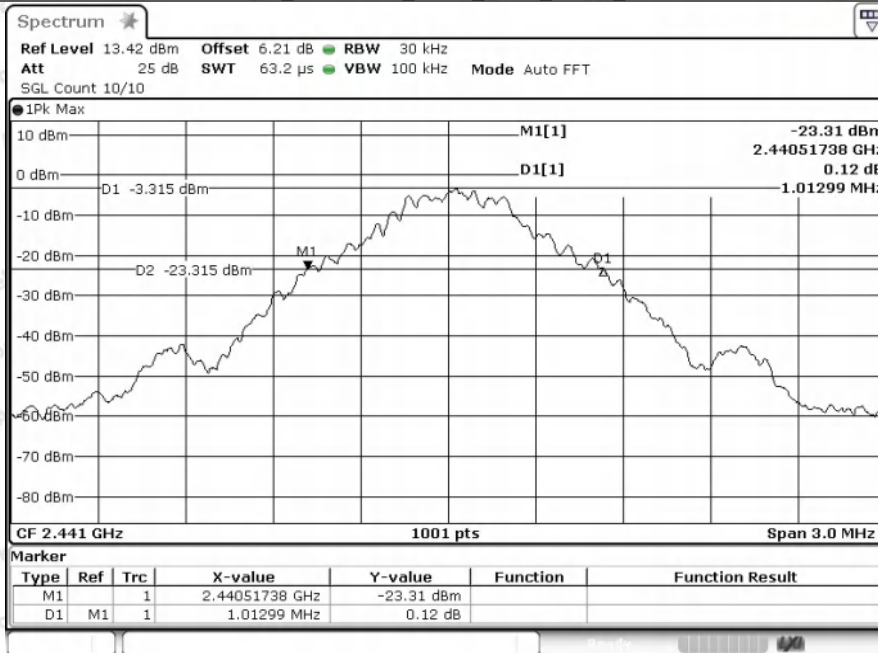
Test Result

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.007	Yes
NVNT	ANT1	1-DH5	2441.00	1.013	Yes
NVNT	ANT1	1-DH5	2480.00	1.007	Yes
NVNT	ANT1	2-DH5	2402.00	1.289	Yes
NVNT	ANT1	2-DH5	2441.00	1.286	Yes
NVNT	ANT1	2-DH5	2480.00	1.289	Yes

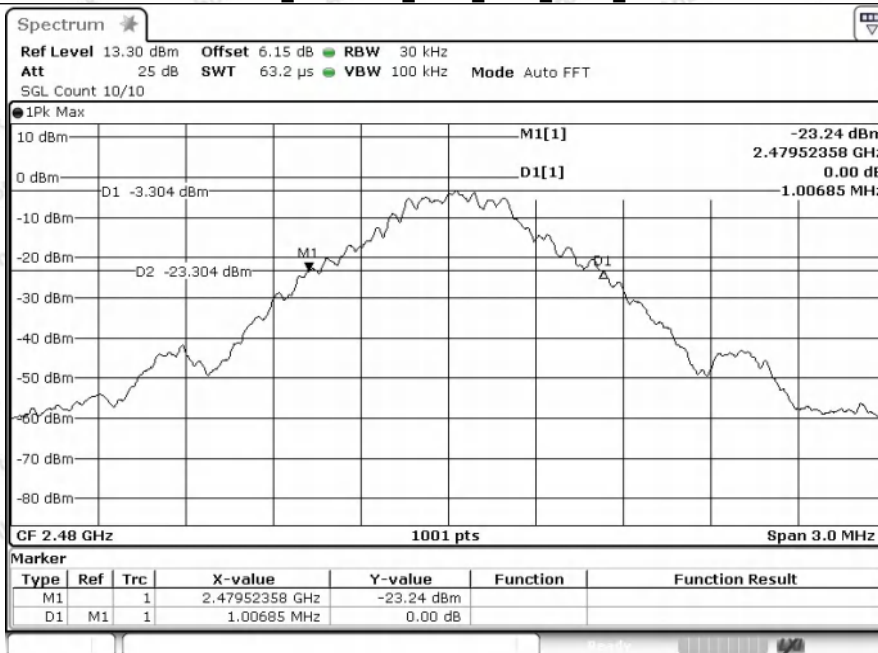
Test Graphs



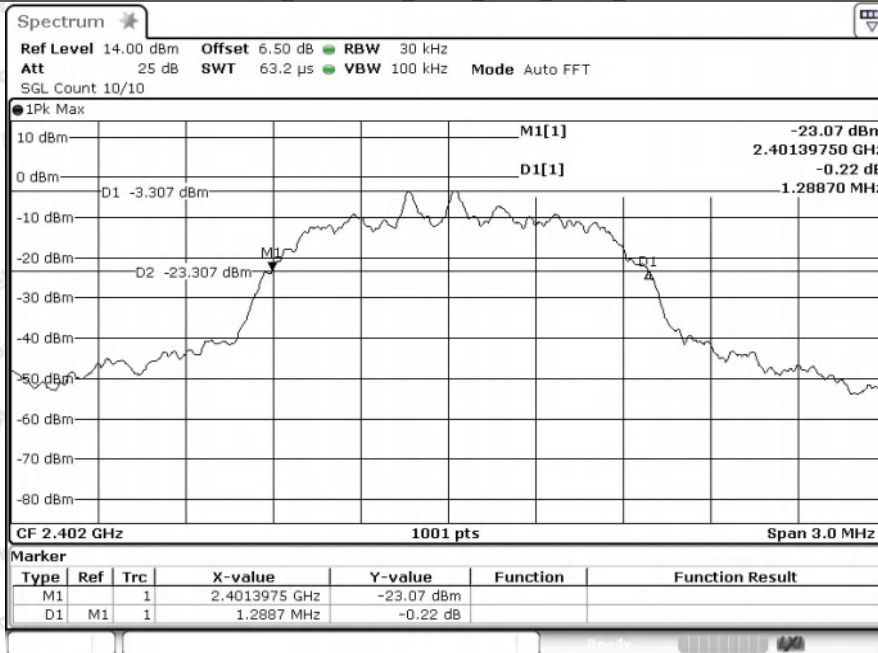
-20dB Bandwidth_NVNT_ANT1_1-DH5_2441



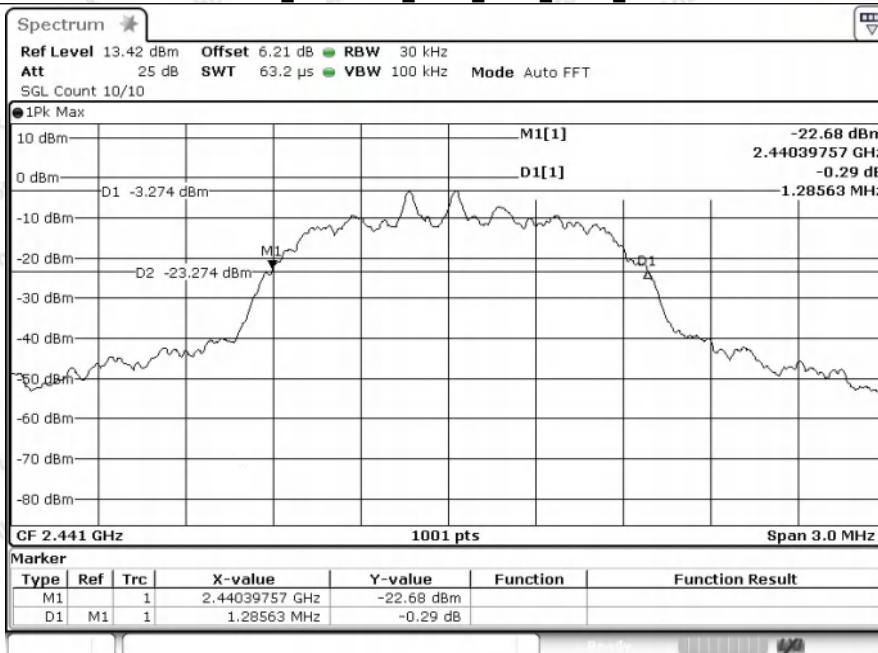
-20dB Bandwidth_NVNT_ANT1_1-DH5_2480



-20dB Bandwidth_NVNT_ANT1 2-DH5_2402



-20dB Bandwidth_NVNT_ANT1 2-DH5_2441



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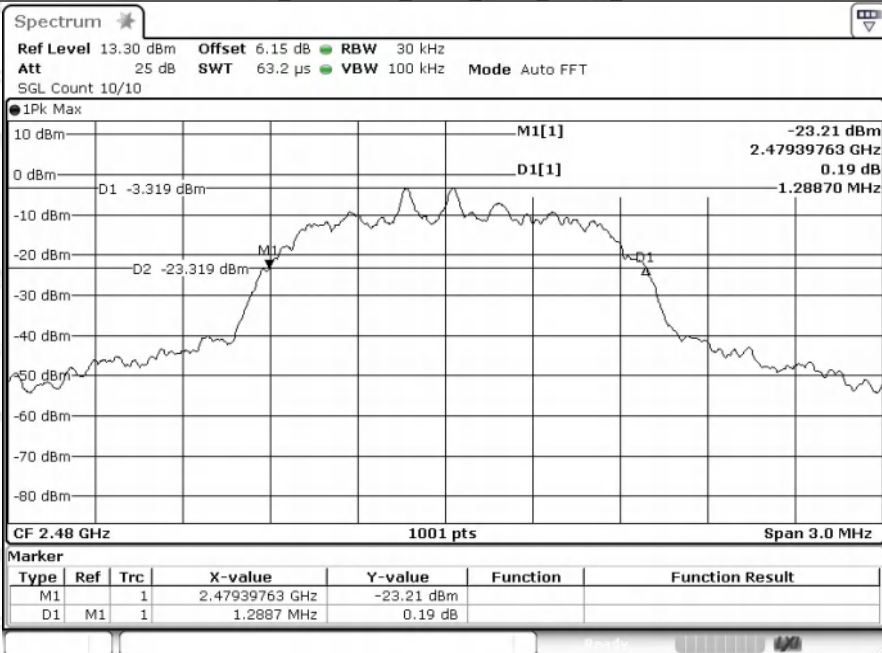
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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-20dB Bandwidth NVNT_ANT1 2-DH5_2480



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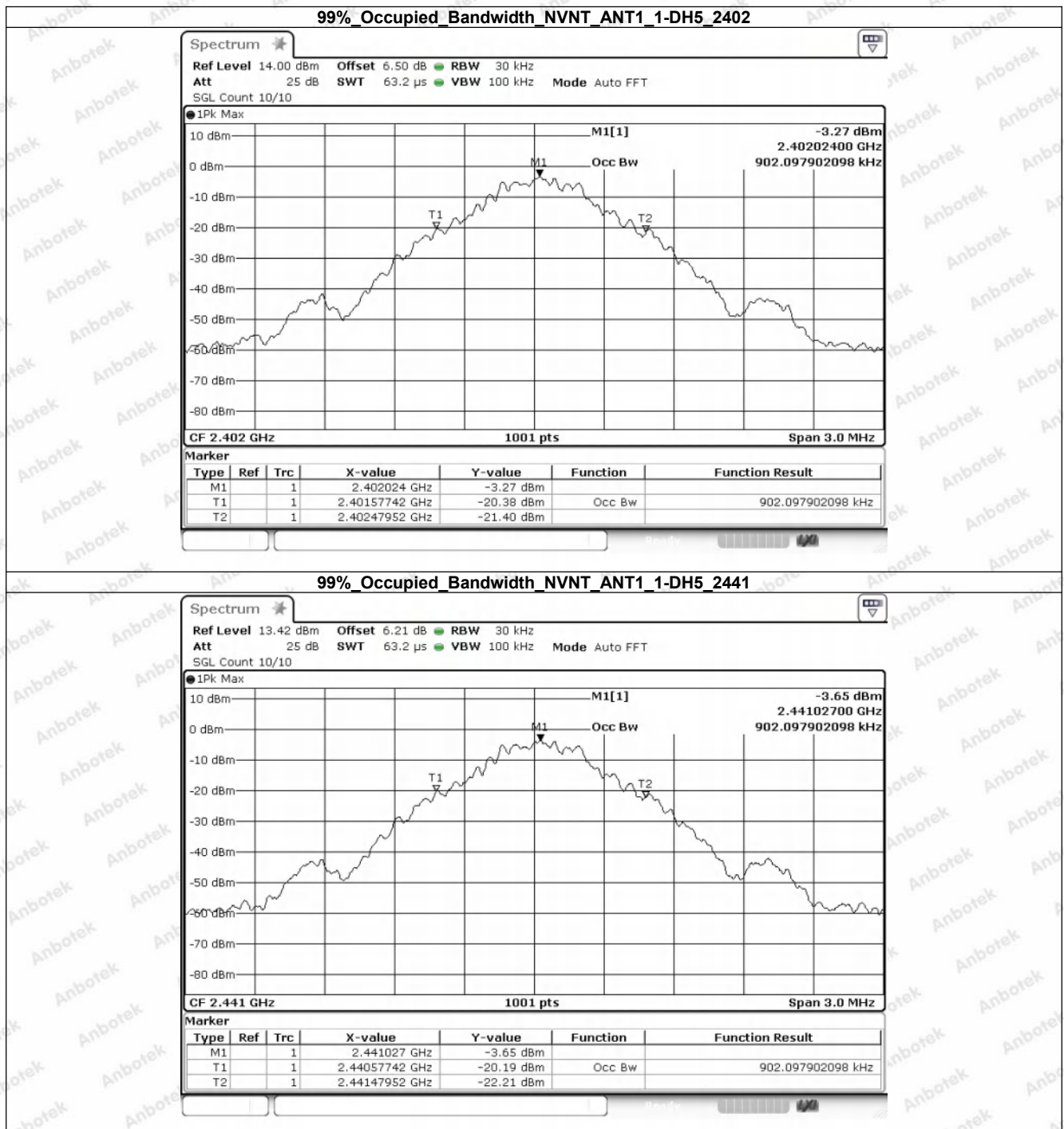


Appendix B: 99% Occupied Bandwidth

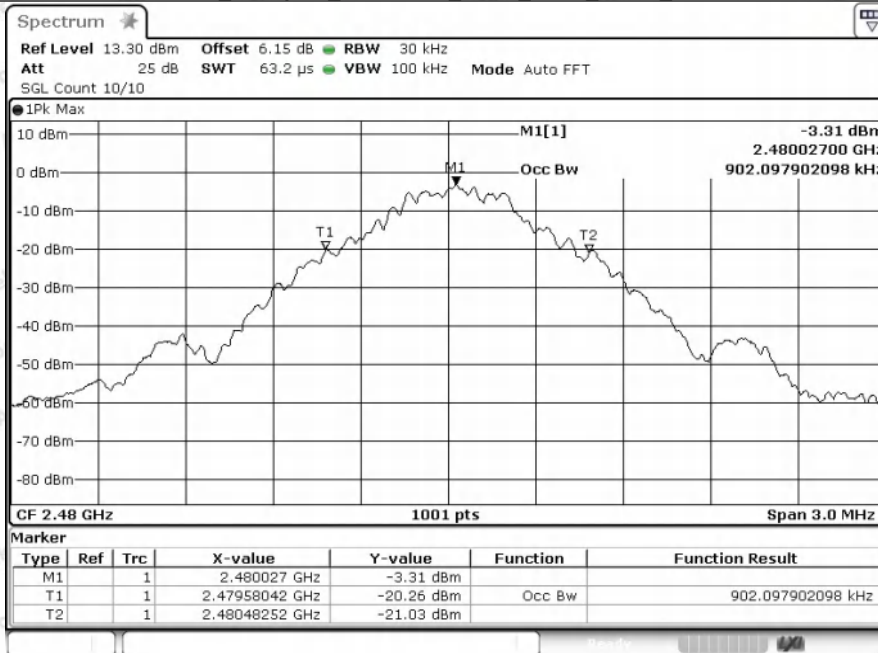
Test Result

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.902
NVNT	ANT1	1-DH5	2441.00	0.902
NVNT	ANT1	1-DH5	2480.00	0.902
NVNT	ANT1	2-DH5	2402.00	1.187
NVNT	ANT1	2-DH5	2441.00	1.190
NVNT	ANT1	2-DH5	2480.00	1.190

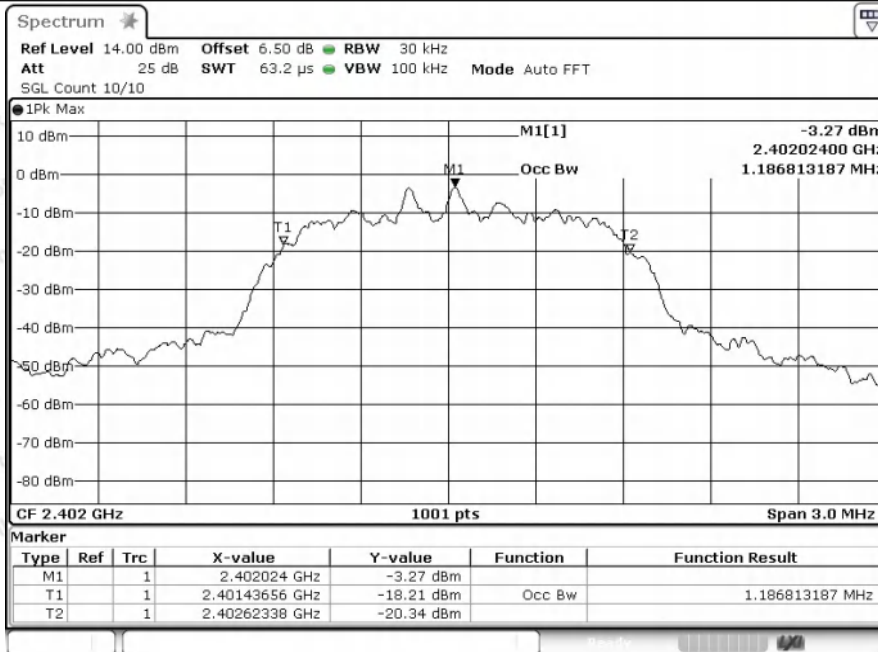
Test Graphs



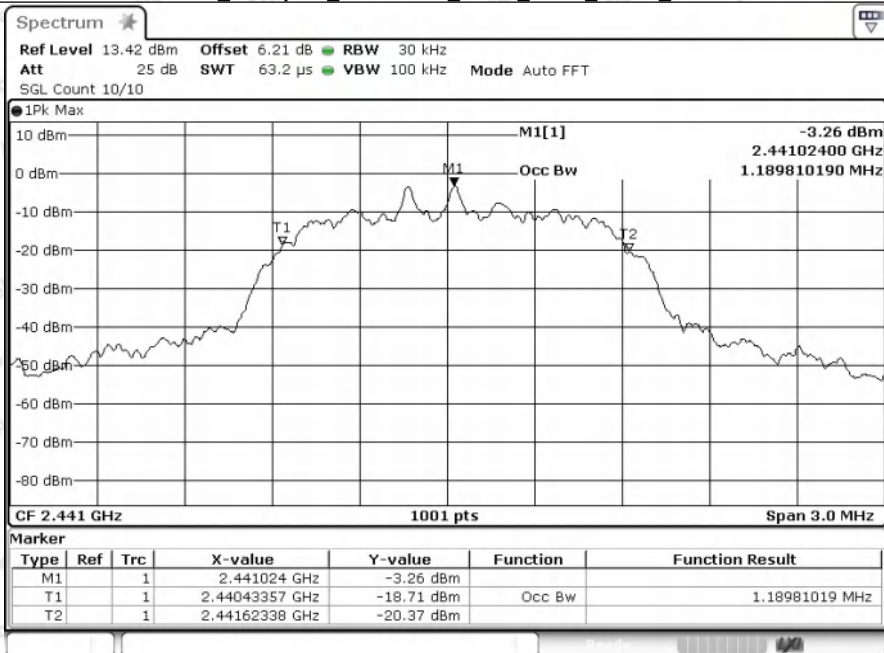
99% Occupied Bandwidth_NVNT_ANT1_1-DH5_2480



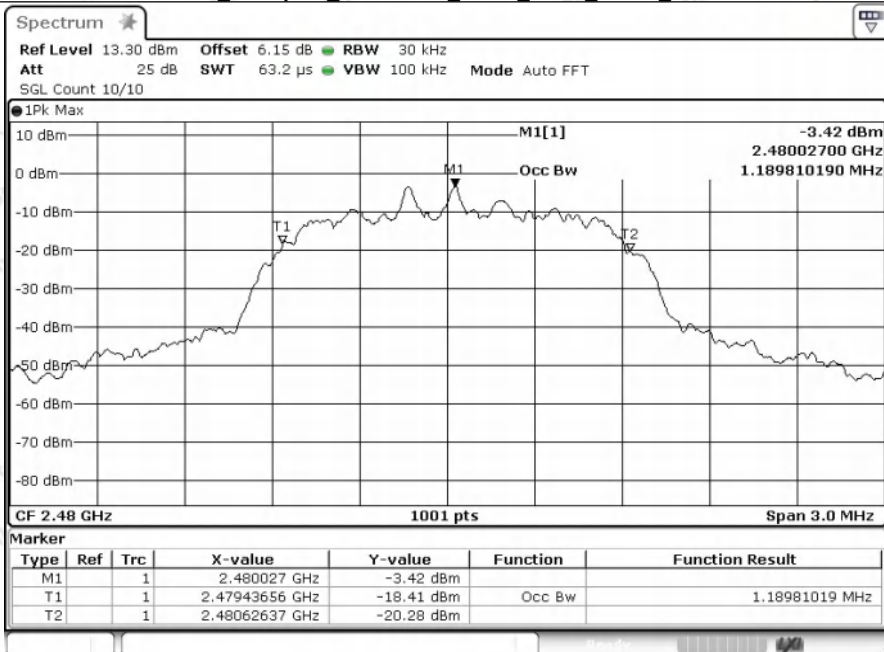
99% Occupied Bandwidth_NVNT_ANT1_2-DH5_2402



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480



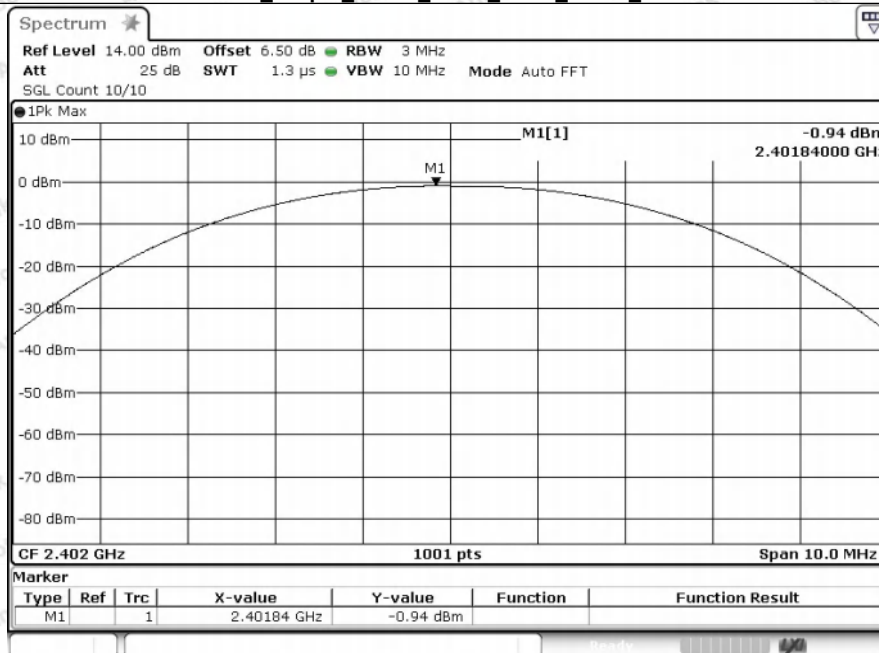
Appendix C: Peak Output Power

Test Result

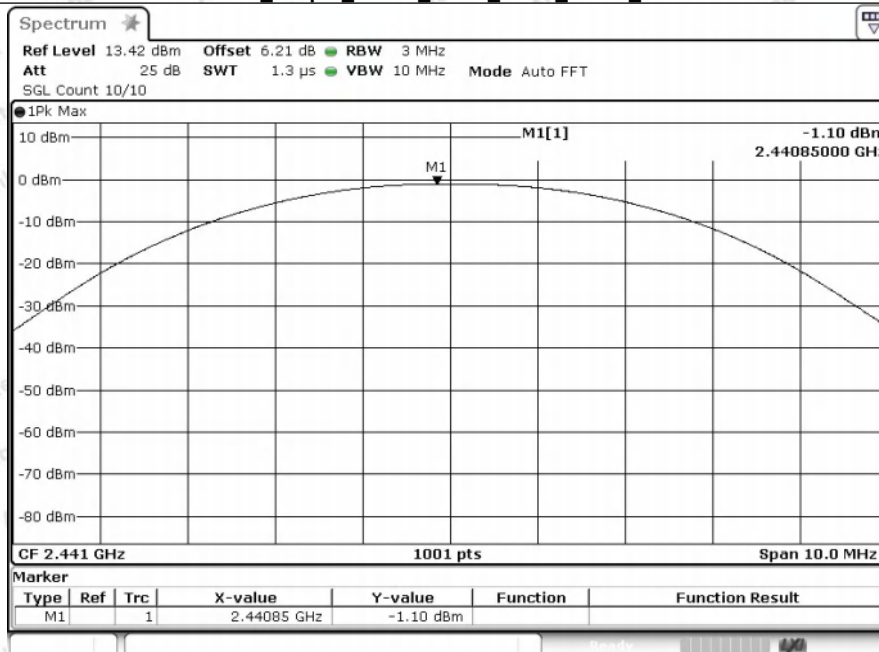
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	-0.94	0.80	125	Pass
NVNT	ANT1	1-DH5	2441.00	-1.10	0.78	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.04	0.79	125	Pass
NVNT	ANT1	2-DH5	2402.00	-0.27	0.94	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.45	0.90	125	Pass
NVNT	ANT1	2-DH5	2480.00	-0.40	0.91	125	Pass

Test Graphs

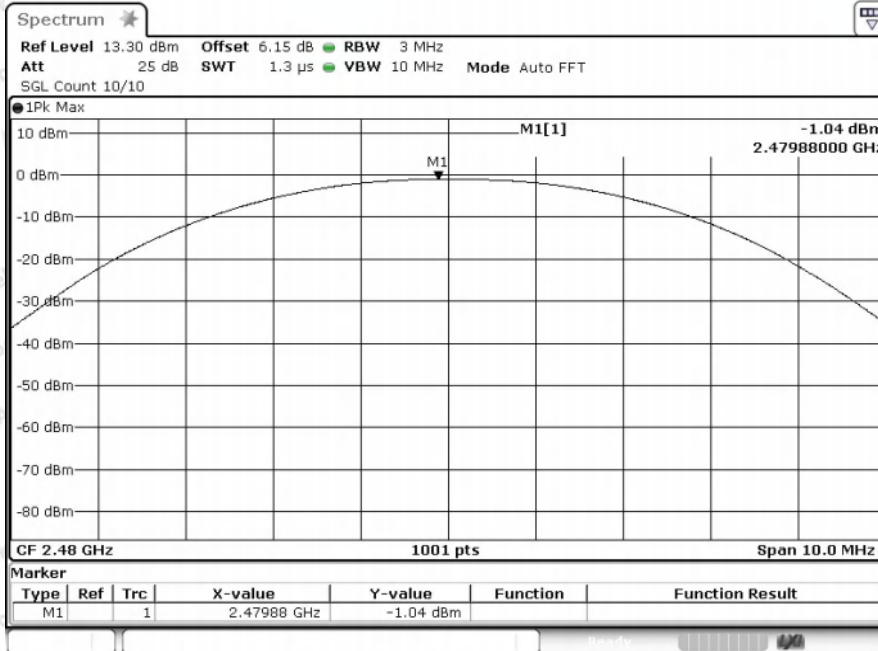
Peak_Output_Power_NVNT_ANT1_1-DH5_2402



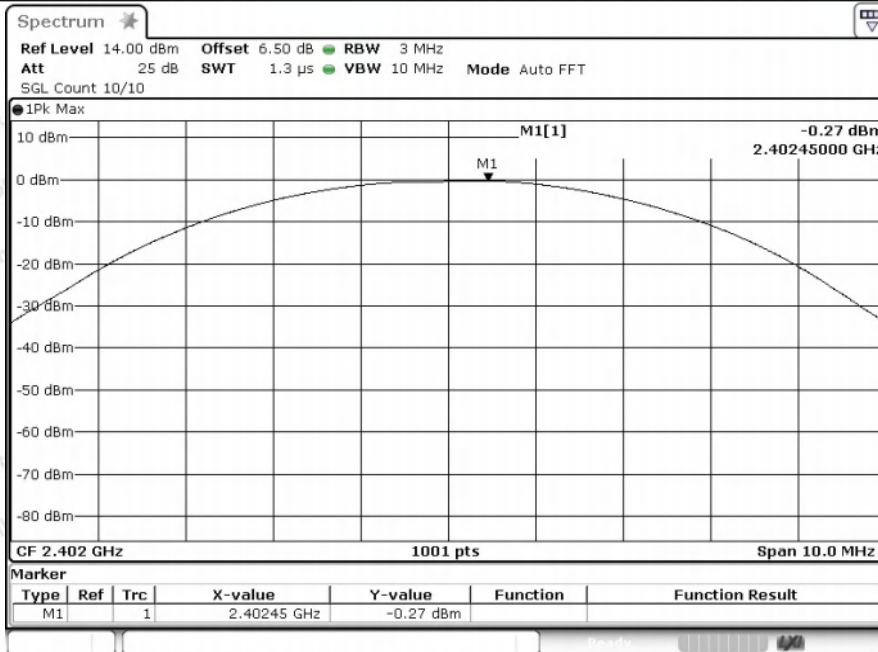
Peak_Output_Power_NVNT_ANT1_1-DH5_2441



Peak_Output_Power_NVNT_ANT1_1-DH5_2480



Peak_Output_Power_NVNT_ANT1_2-DH5_2402



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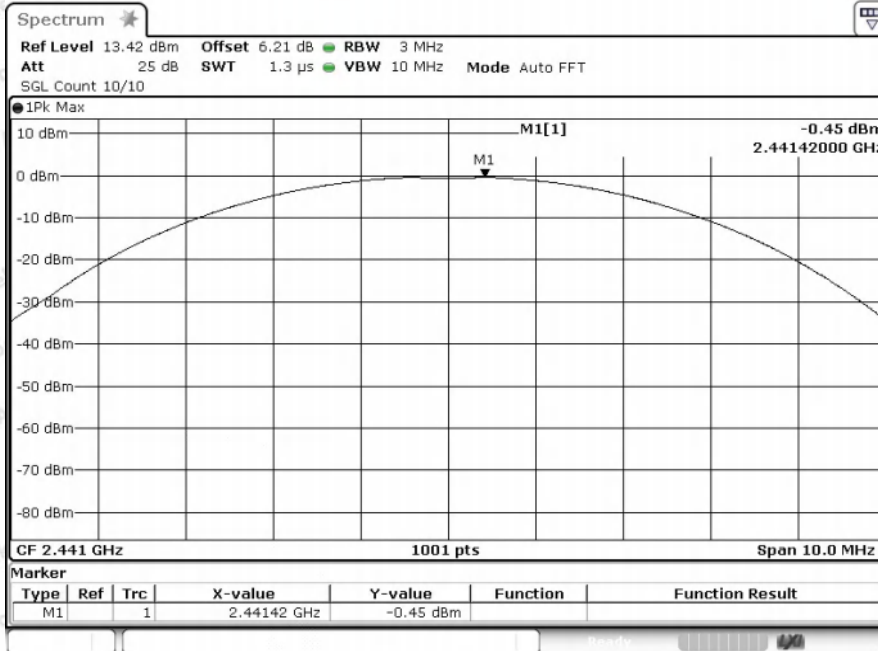
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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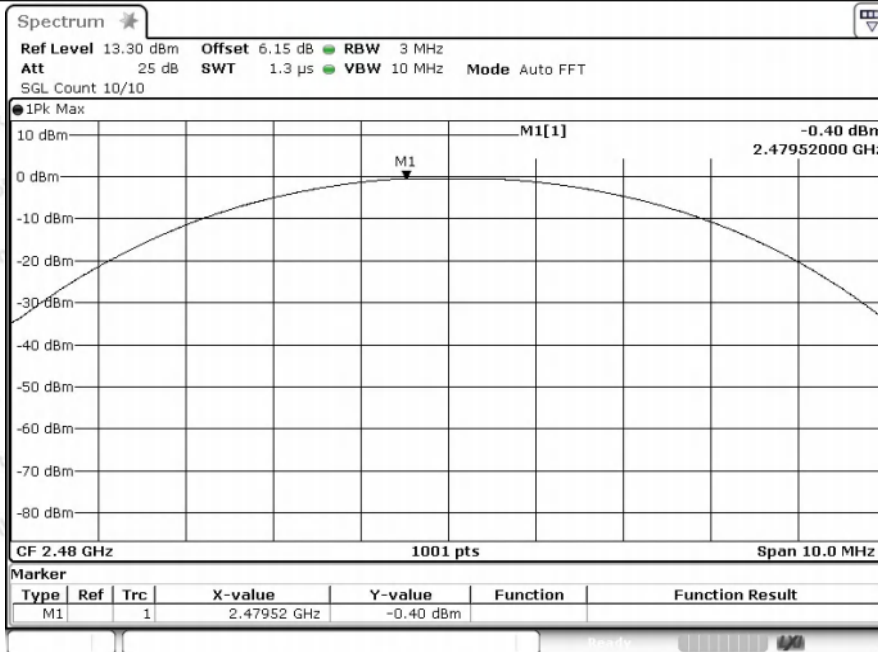
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Peak_Output_Power_NVNT_ANT1_2-DH5_2441



Peak_Output_Power_NVNT_ANT1_2-DH5_2480

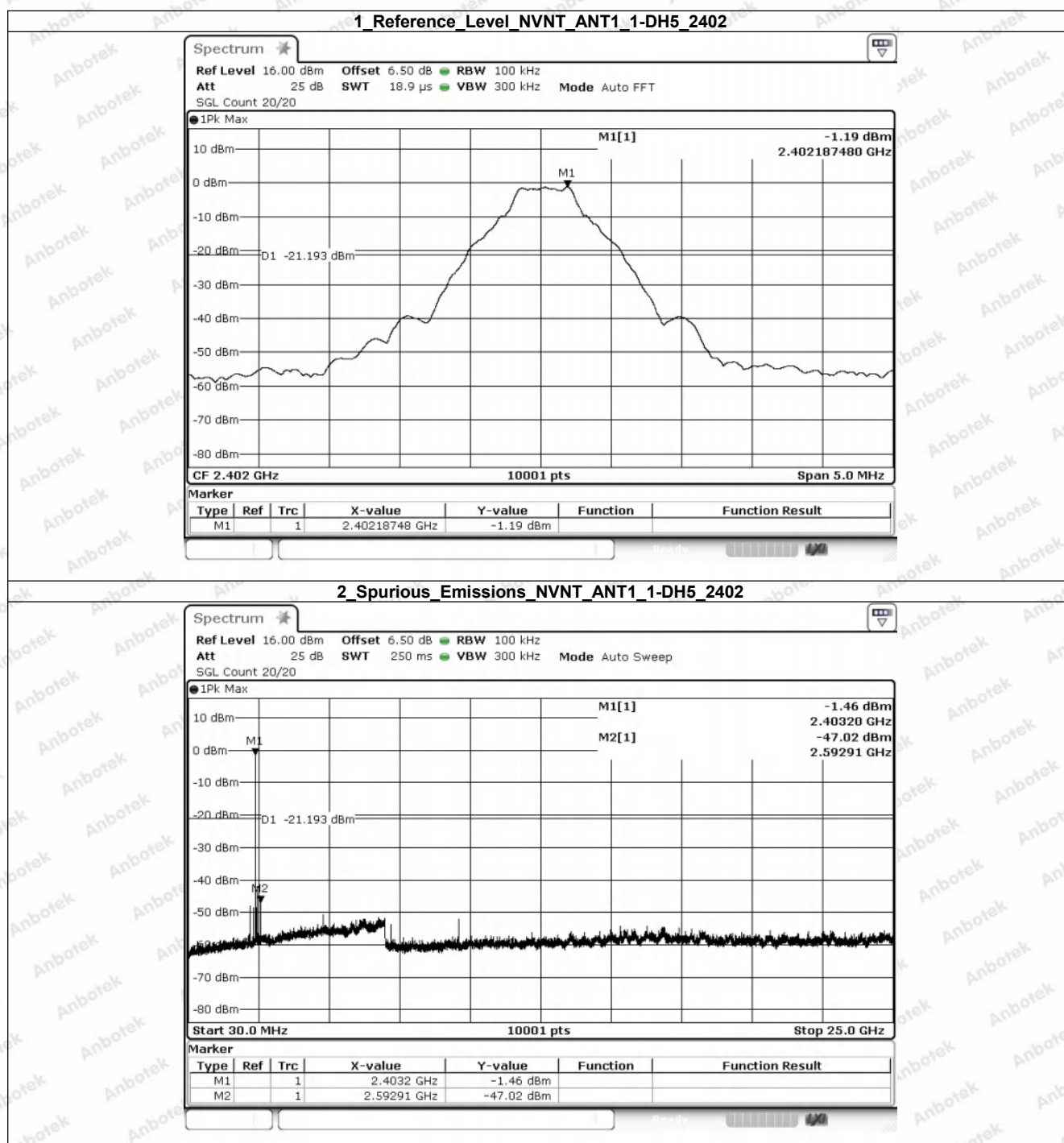


Appendix D: Spurious Emissions

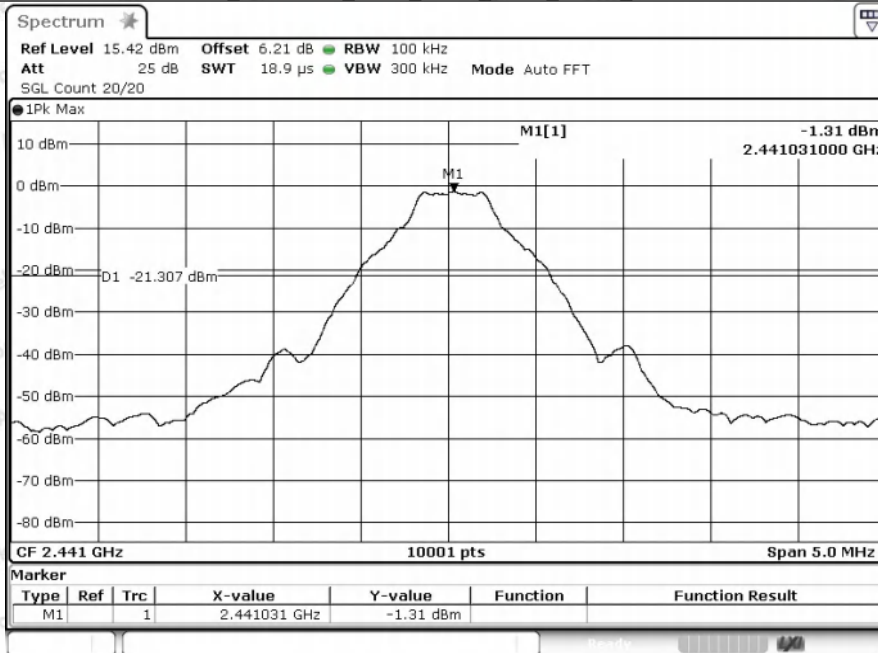
Test Result

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-47.018	-21.193	Pass
NVNT	ANT1	1-DH5	2441.00	-45.770	-21.306	Pass
NVNT	ANT1	1-DH5	2480.00	-46.274	-21.226	Pass
NVNT	ANT1	2-DH5	2402.00	-45.763	-21.178	Pass
NVNT	ANT1	2-DH5	2441.00	-48.724	-21.293	Pass
NVNT	ANT1	2-DH5	2480.00	-49.056	-21.198	Pass

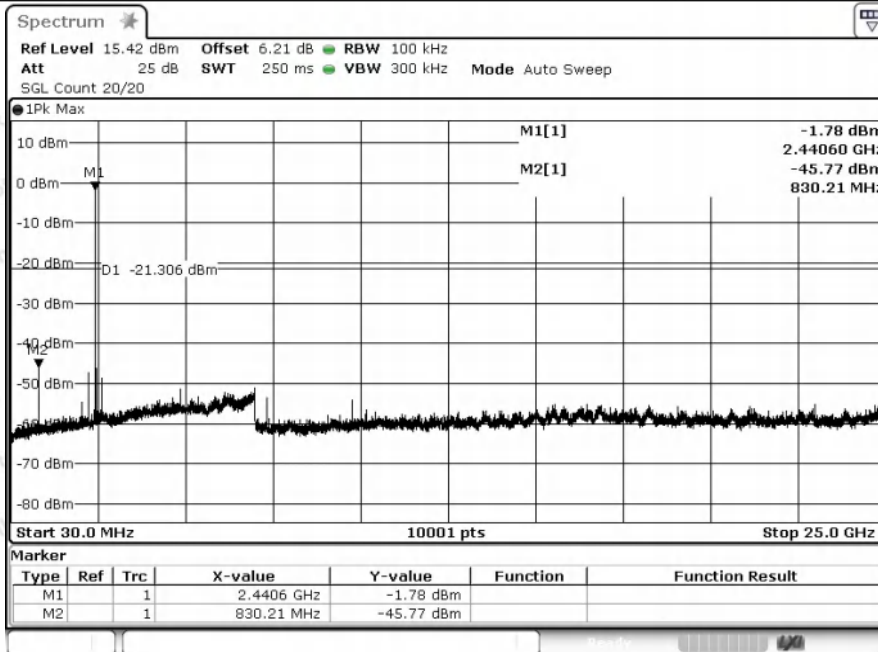
Test Graphs



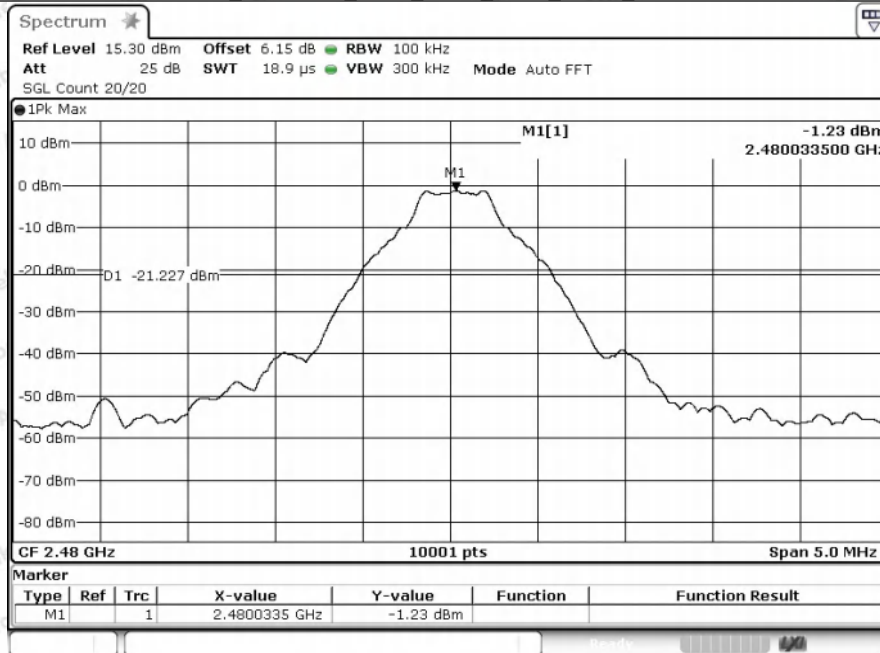
1_Reference_Level_NVNT_ANT1_1-DH5_2441



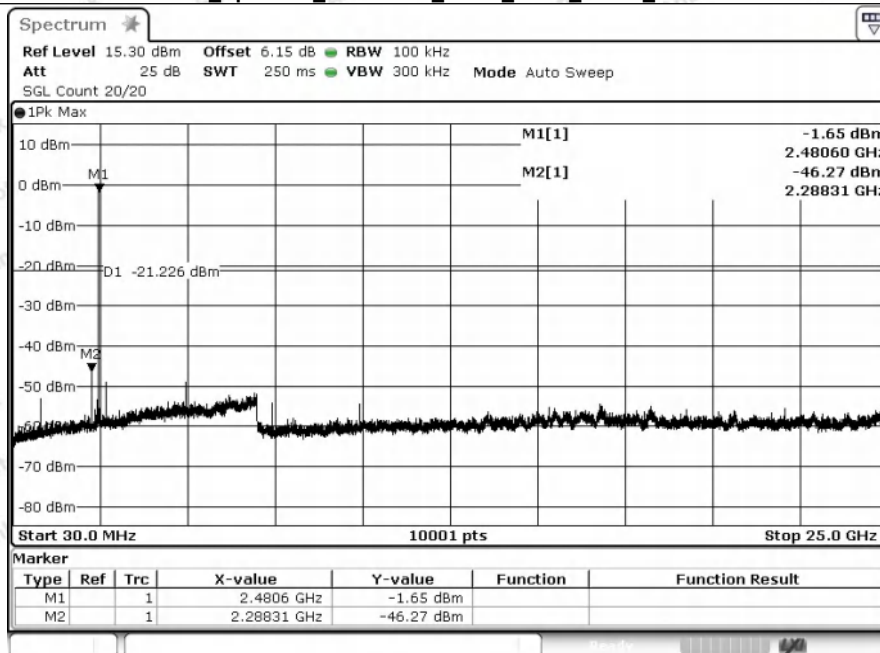
2_Spurious Emissions_NVNT_ANT1_1-DH5_2441



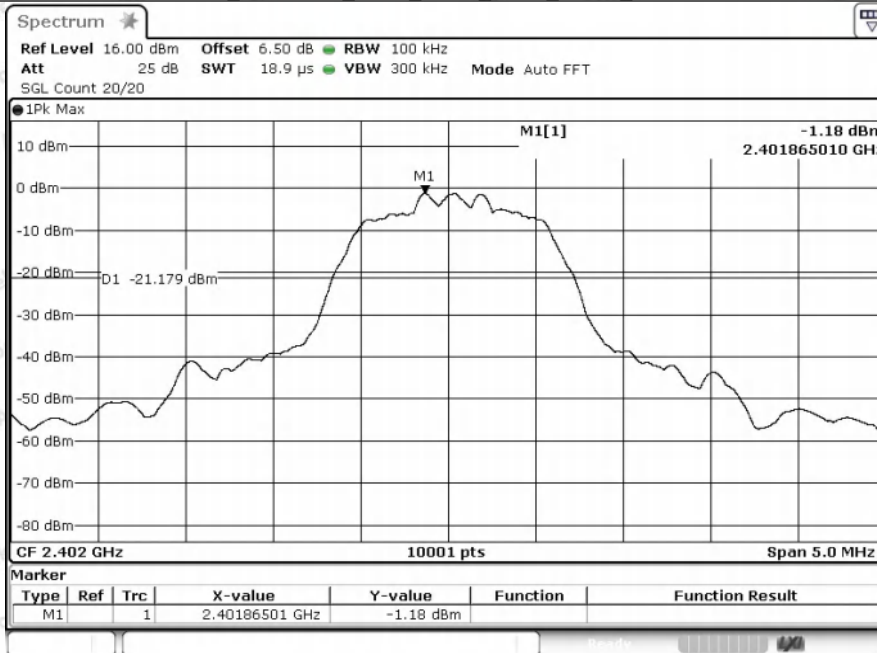
1_Reference_Level_NVNT_ANT1_1-DH5_2480



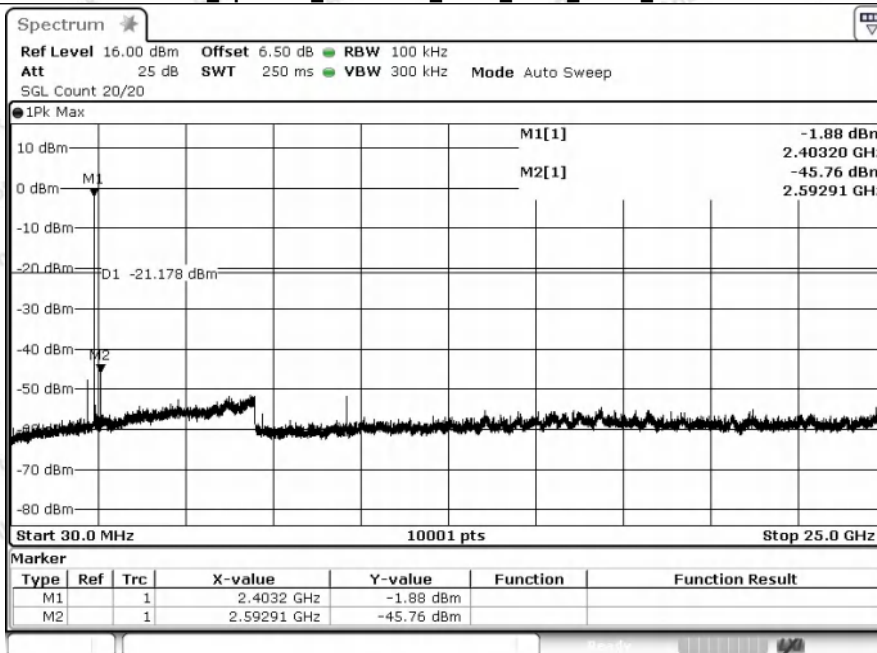
2_Spurious Emissions_NVNT_ANT1_1-DH5_2480



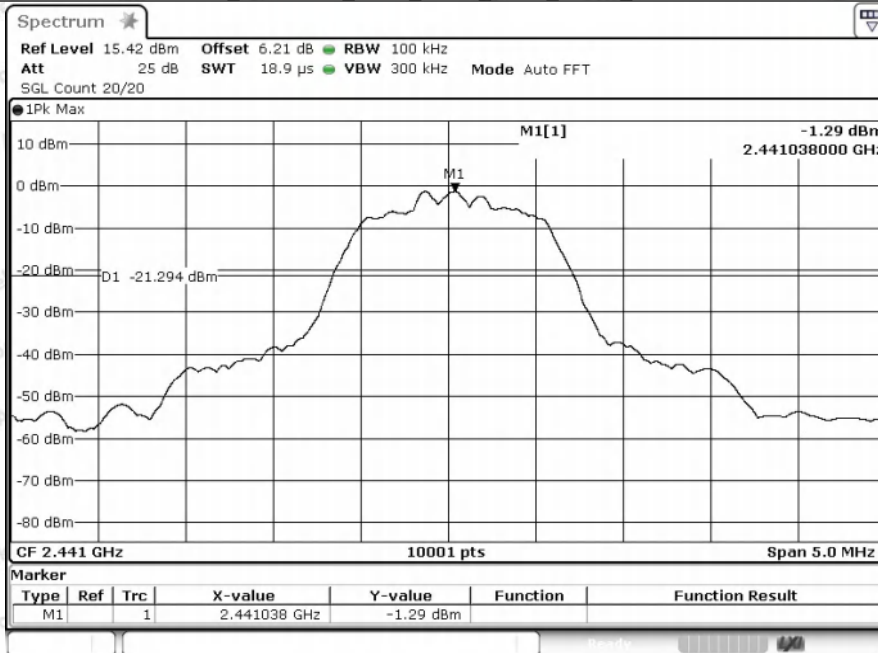
1_Reference_Level_NVNT_ANT1_2-DH5_2402



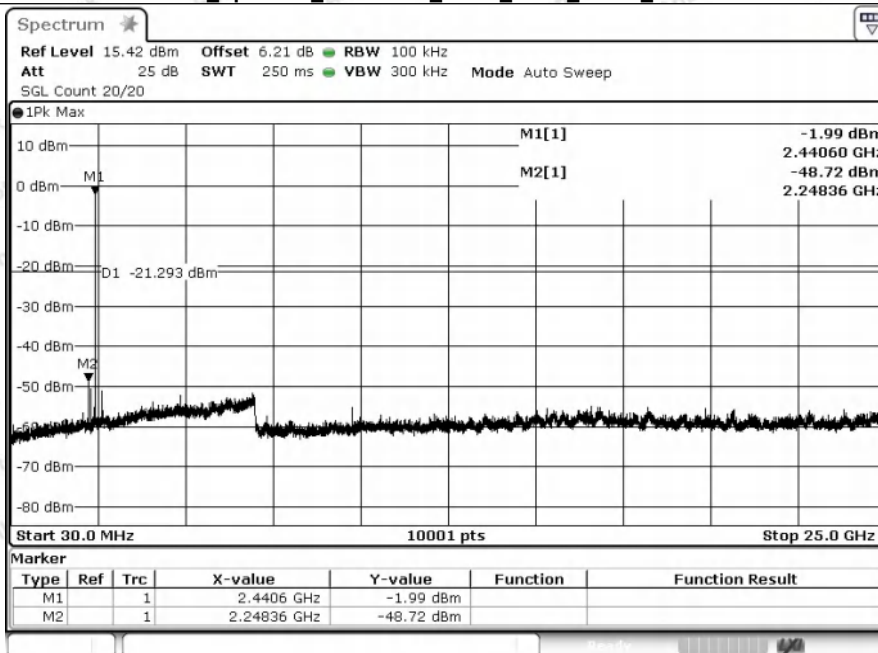
2_Spurious Emissions_NVNT_ANT1_2-DH5_2402



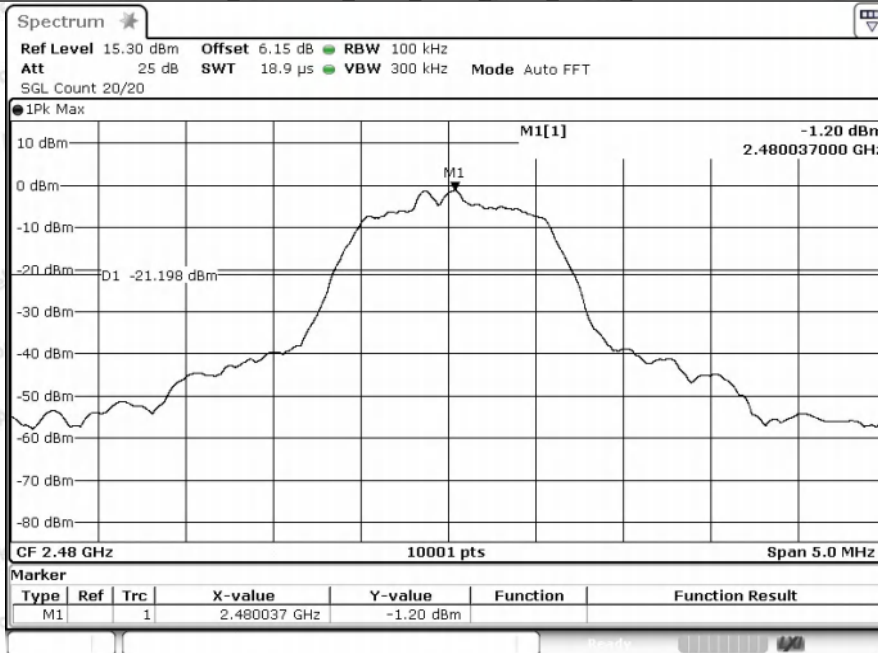
1_Reference_Level_NVNT_ANT1_2-DH5_2441



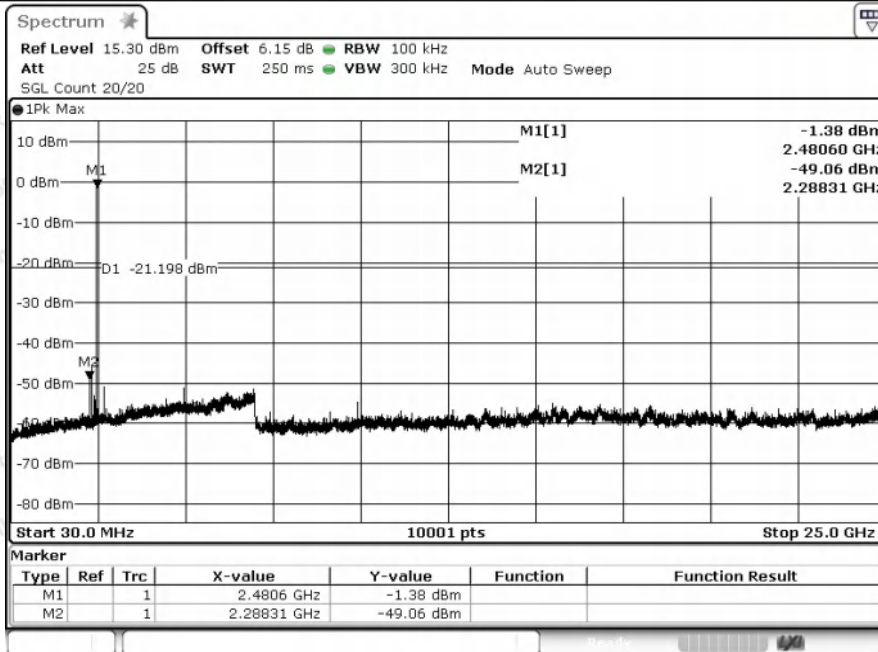
2_Spurious Emissions_NVNT_ANT1_2-DH5_2441



1_Reference_Level_NVNT_ANT1_2-DH5_2480



2_Spurious Emissions_NVNT_ANT1_2-DH5_2480



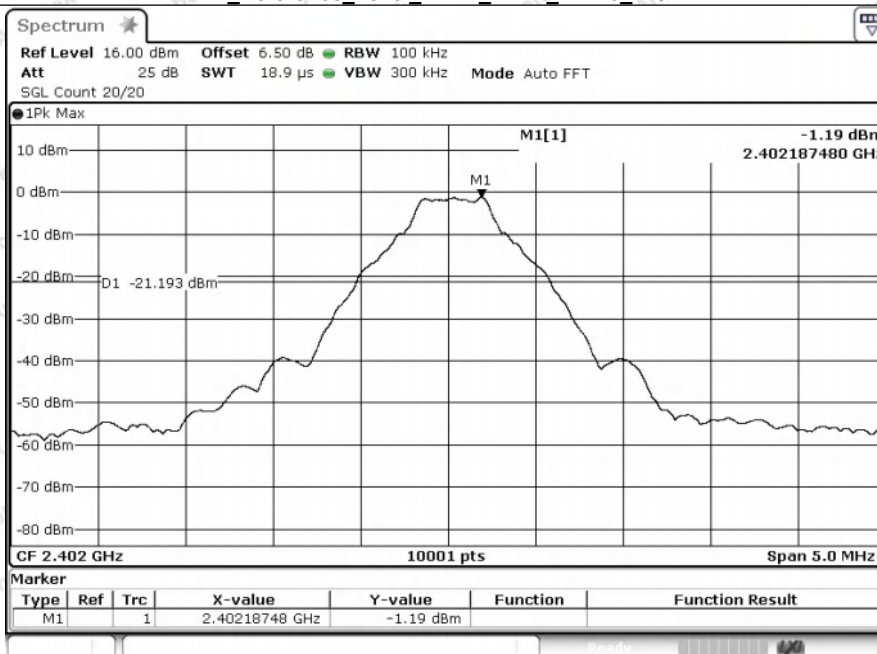
Appendix E: Band edge

Test Result

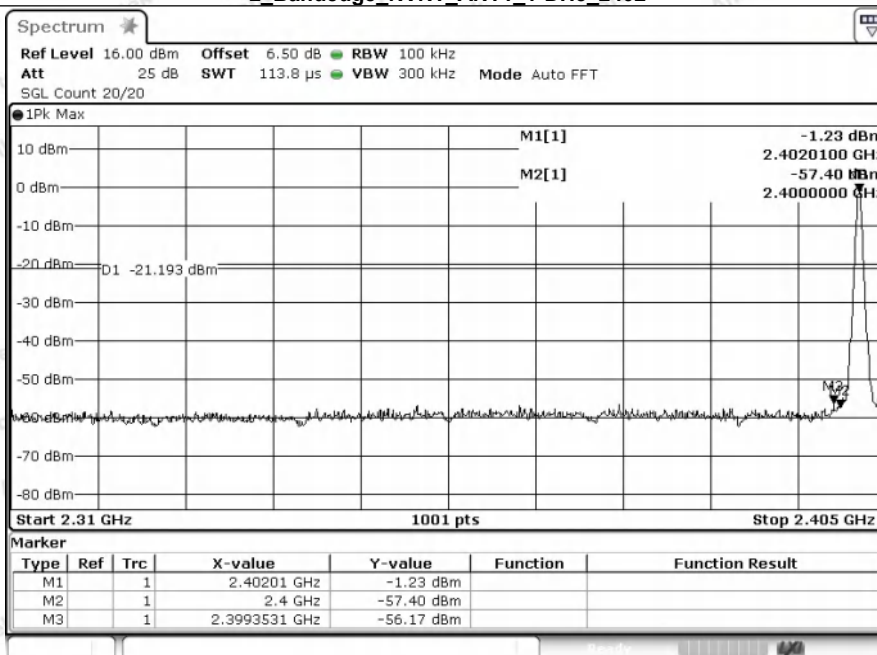
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-56.171	-21.193	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-53.118	-21.094	Pass
NVNT	ANT1	1-DH5	2480.00	-55.767	-21.226	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-56.173	-21.339	Pass
NVNT	ANT1	2-DH5	2402.00	-56.468	-21.178	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-56.764	-20.891	Pass
NVNT	ANT1	2-DH5	2480.00	-56.125	-21.198	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-55.936	-21.400	Pass

Test Graphs

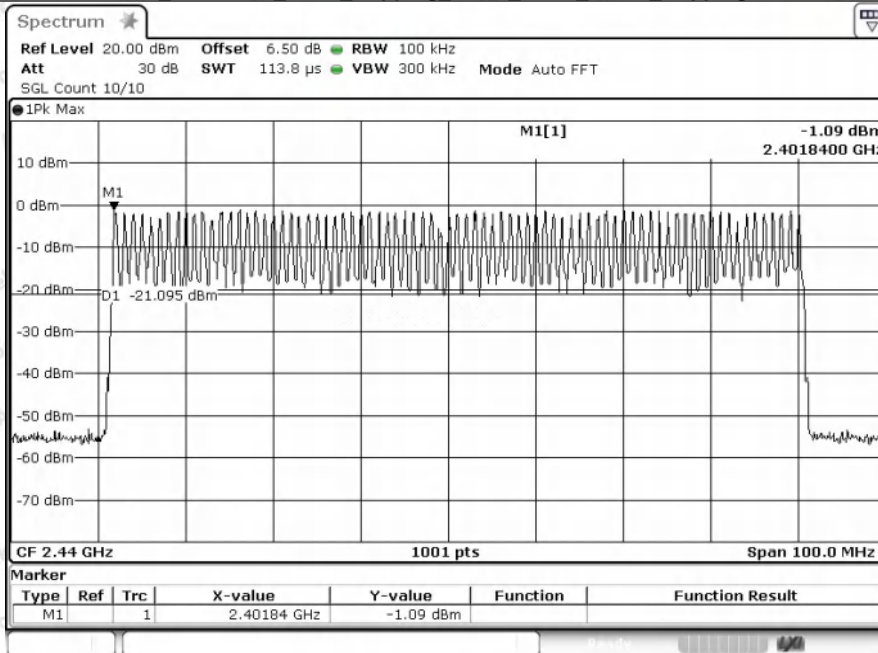
1_Reference_Level_NVNT_ANT1_1-DH5_2402



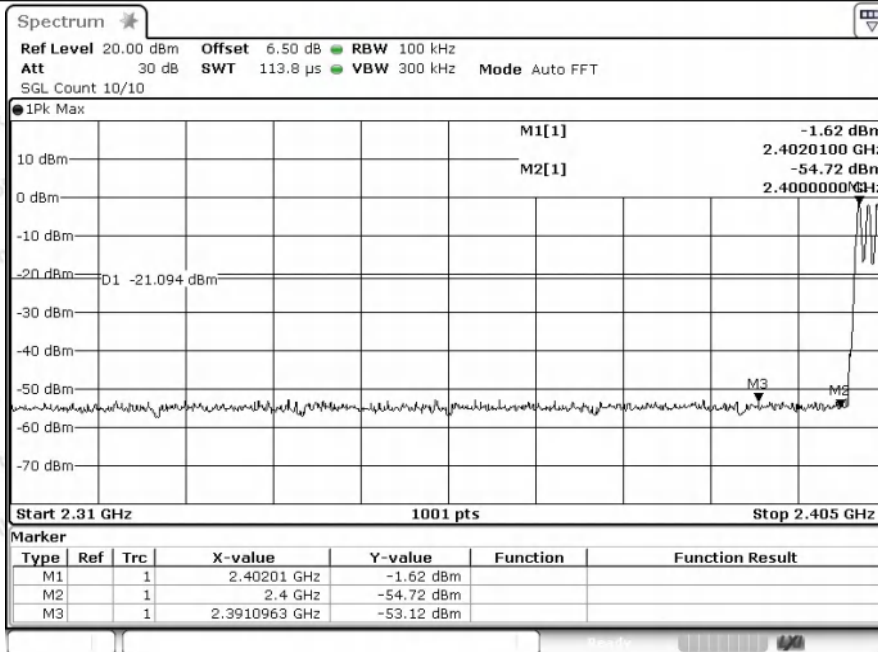
2_Bandedge_NVNT_ANT1_1-DH5_2402



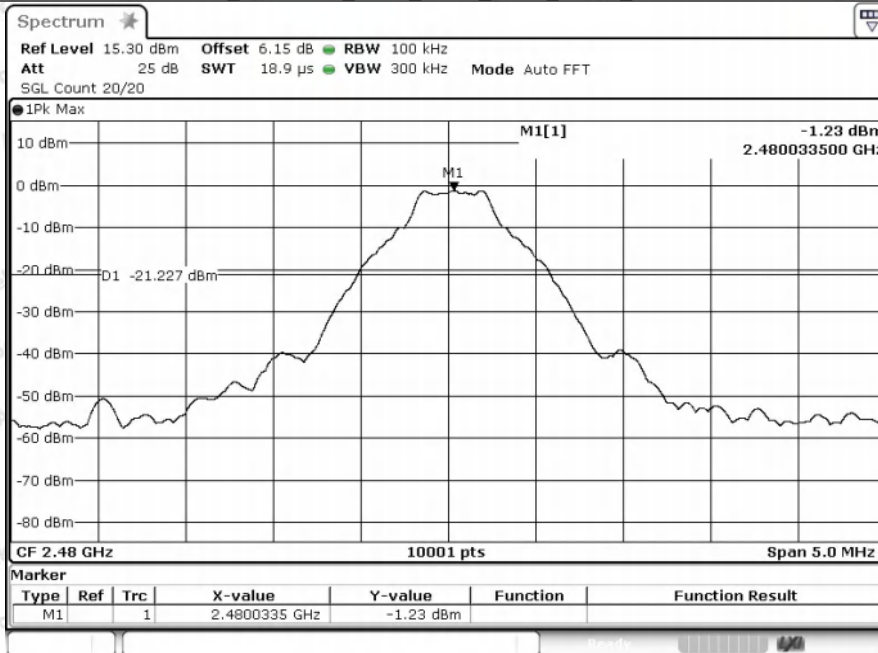
1 Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



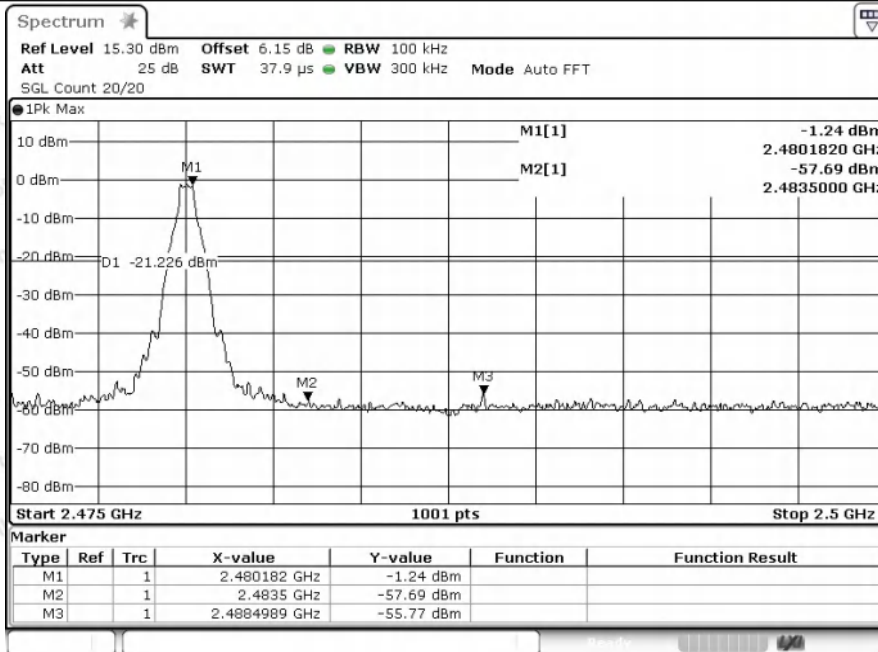
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Bandedge_NVNT_ANT1_1-DH5_2480



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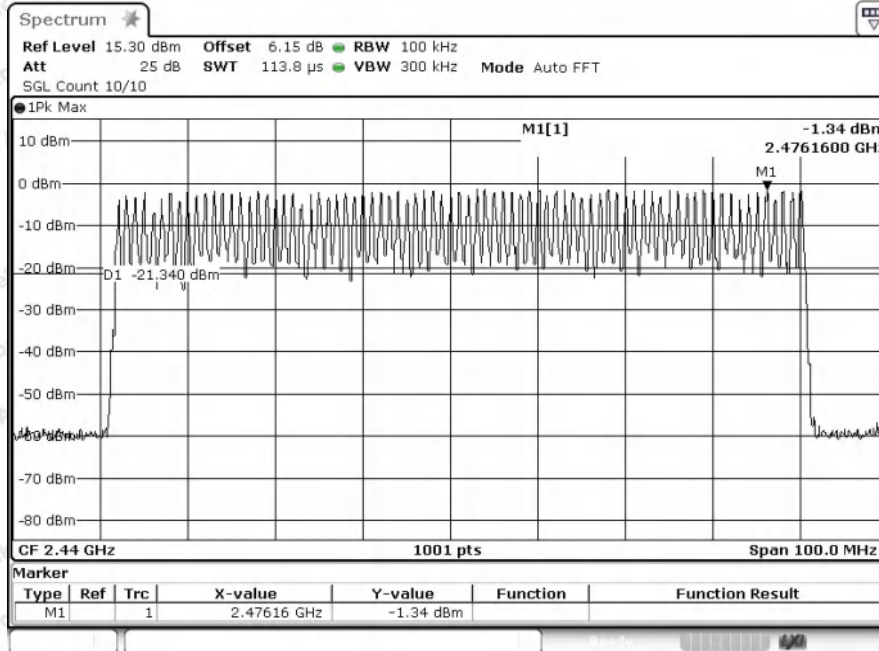
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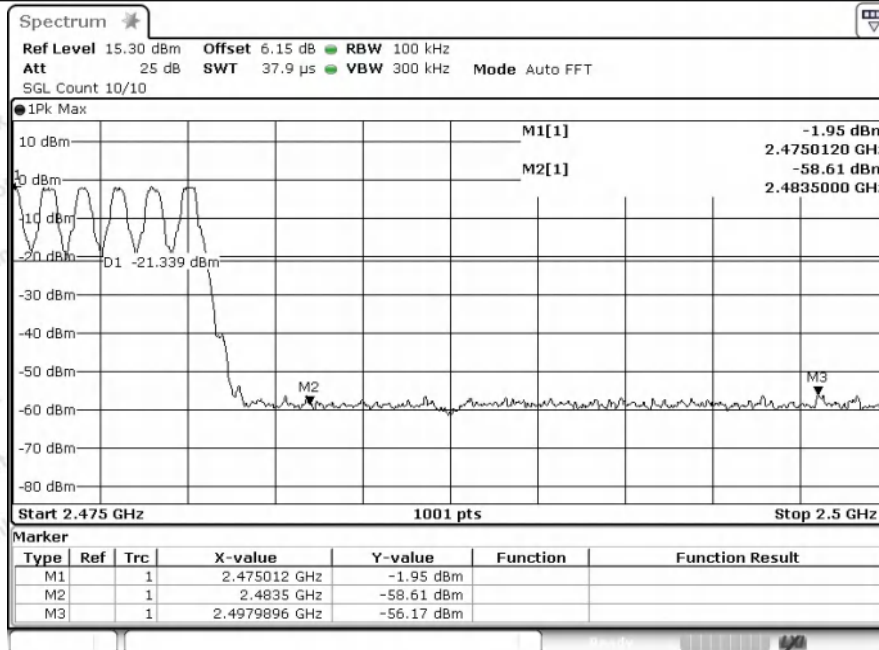
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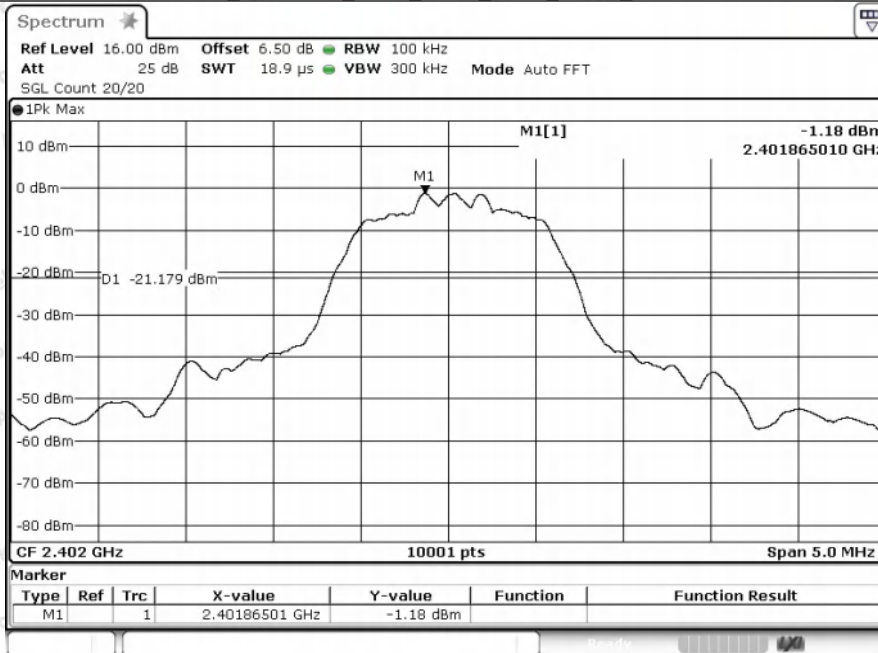
1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



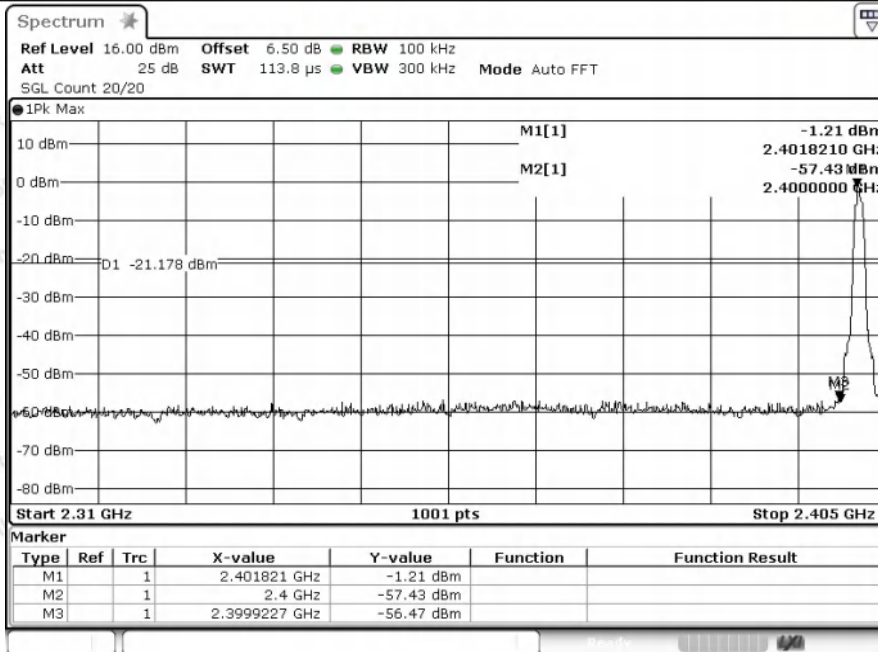
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping



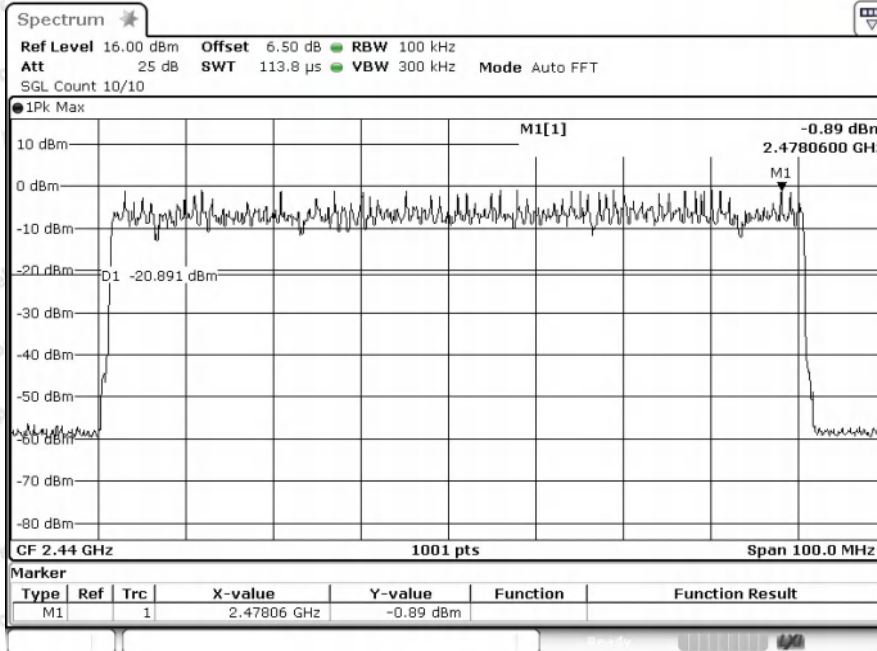
1_Reference_Level_NVNT_ANT1_2-DH5_2402



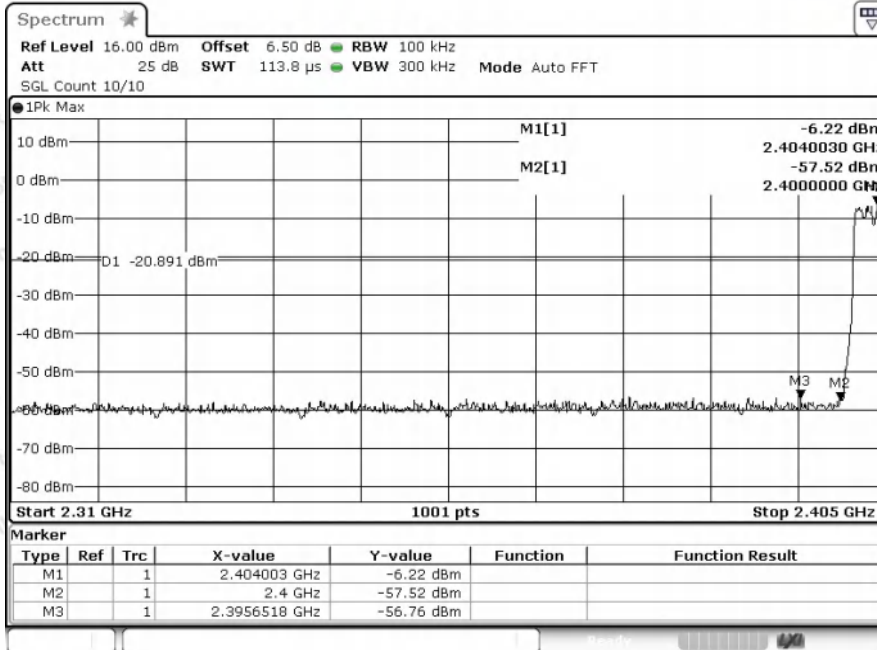
2_Bandedge_NVNT_ANT1_2-DH5_2402



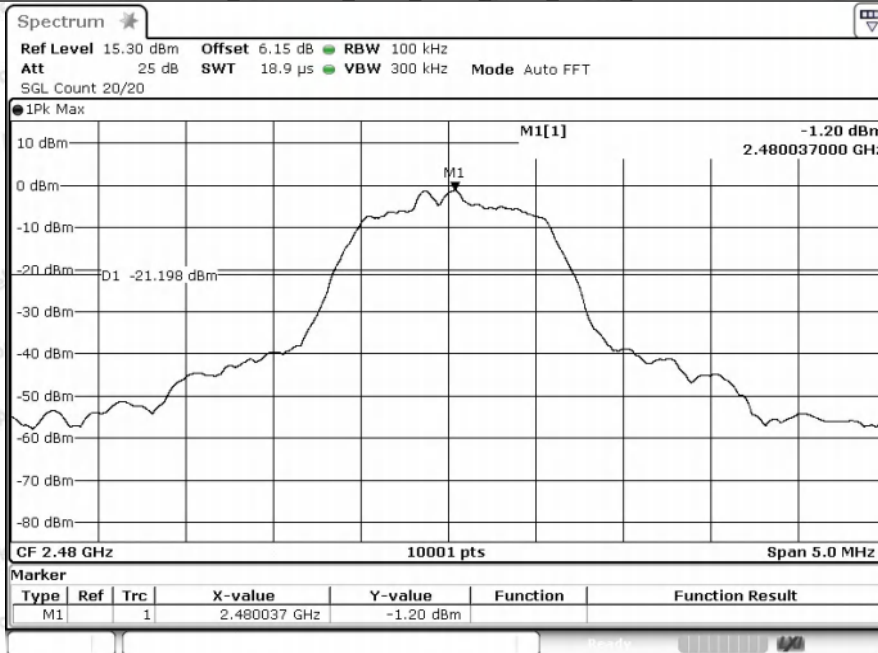
1 Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



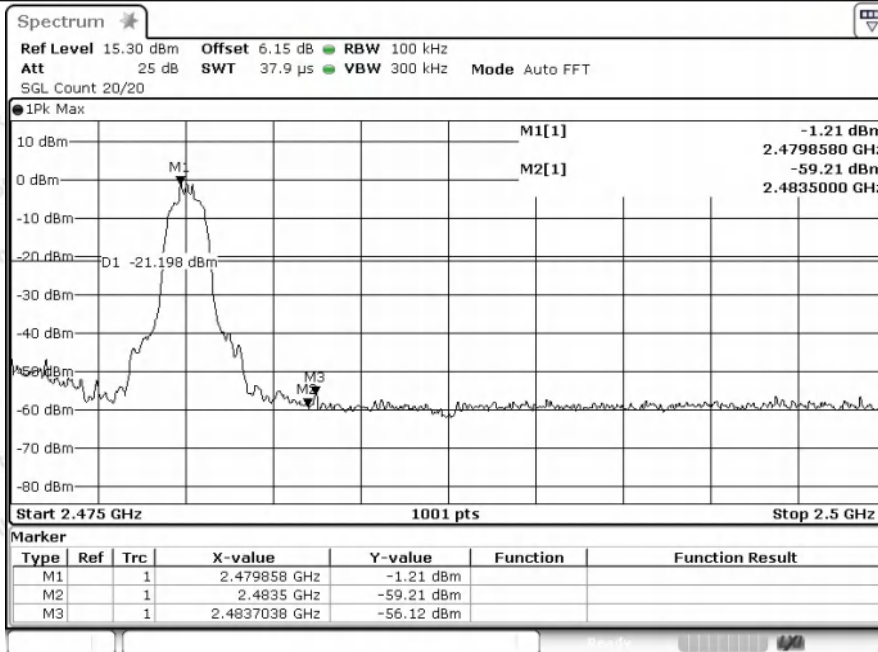
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



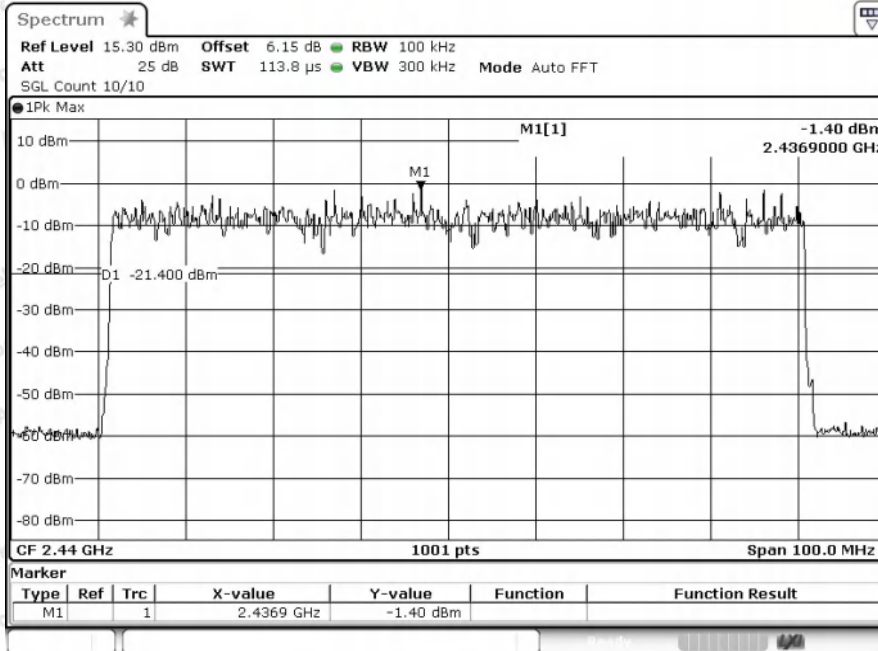
1_Reference_Level_NVNT_ANT1_2-DH5_2480



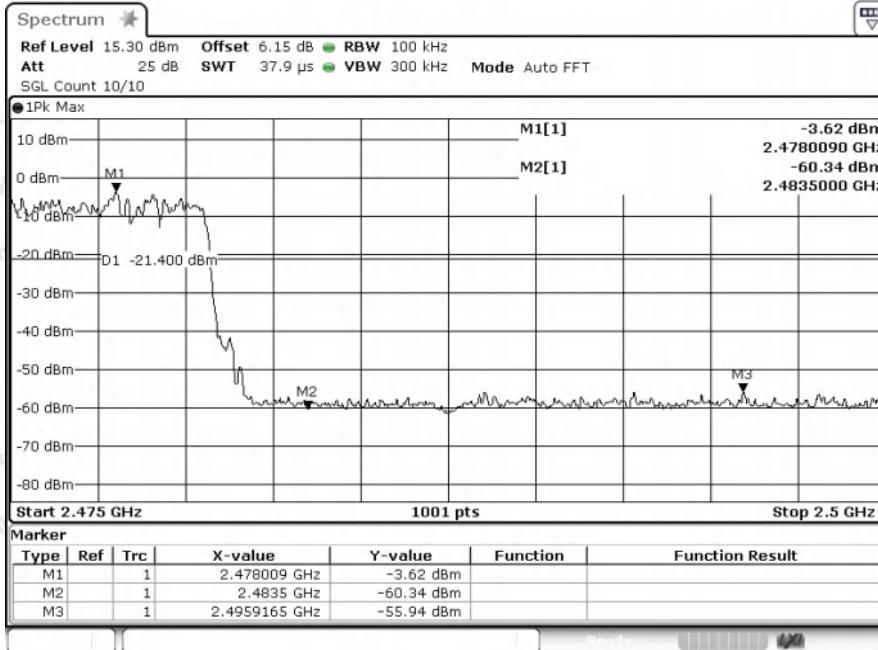
2_Bandedge_NVNT_ANT1_2-DH5_2480



1 Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



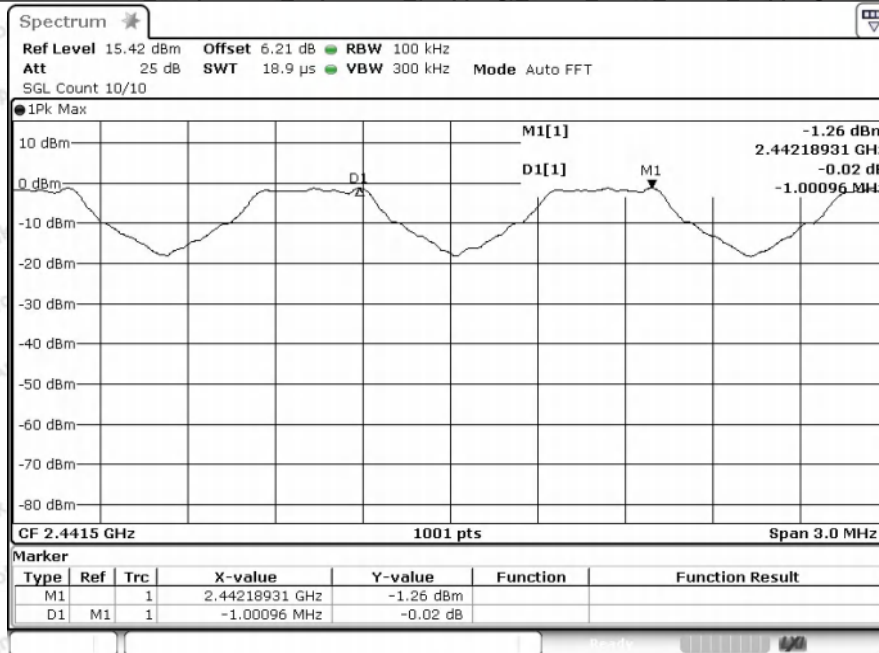
Appendix F: Carrier Frequencies Separation (Hopping)

Test Result

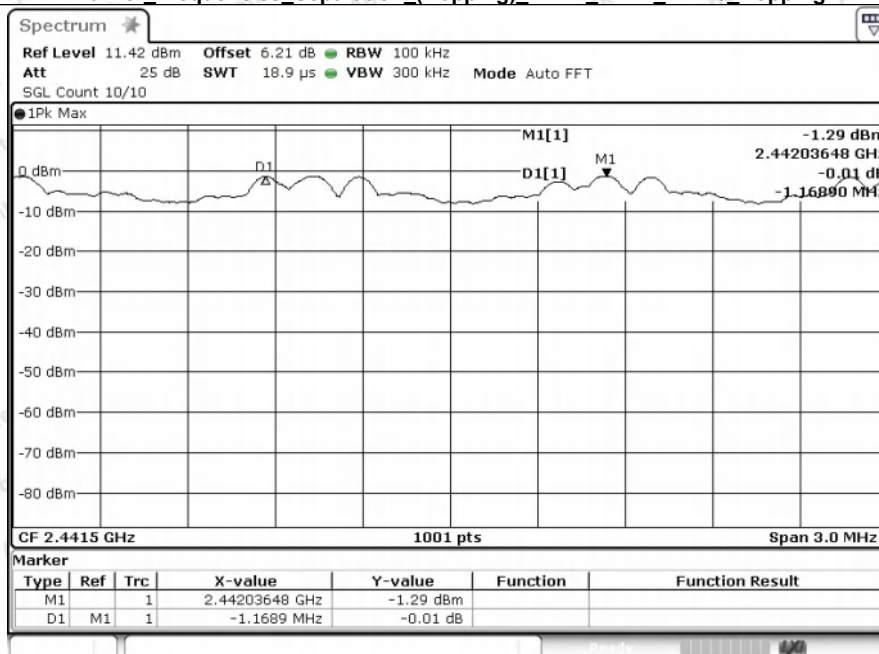
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2441.188	2442.189	1.00	0.675	Pass
NVNT	ANT1	2-DH5	2441.00	2440.868	2442.036	1.17	0.857	Pass

Test Graphs

Carrier Frequencies Separation (Hopping)_NVNT_ANT1_1-DH5_Hopping



Carrier Frequencies Separation (Hopping)_NVNT_ANT1_2-DH5_Hopping

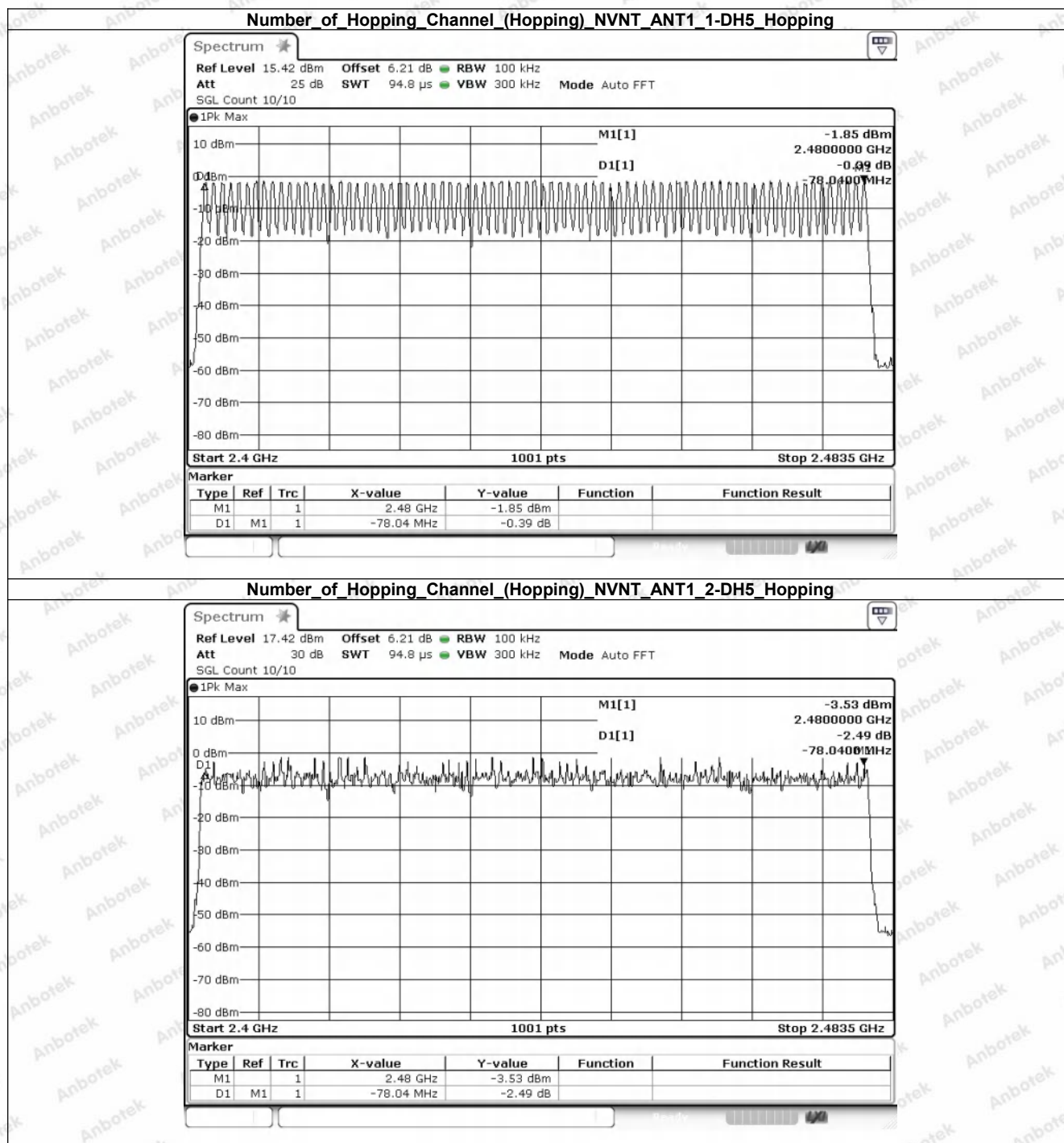


Appendix G: Number of Hopping Channel (Hopping)

Test Result

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass

Test Graphs



Appendix H: Dwell Time (Hopping)

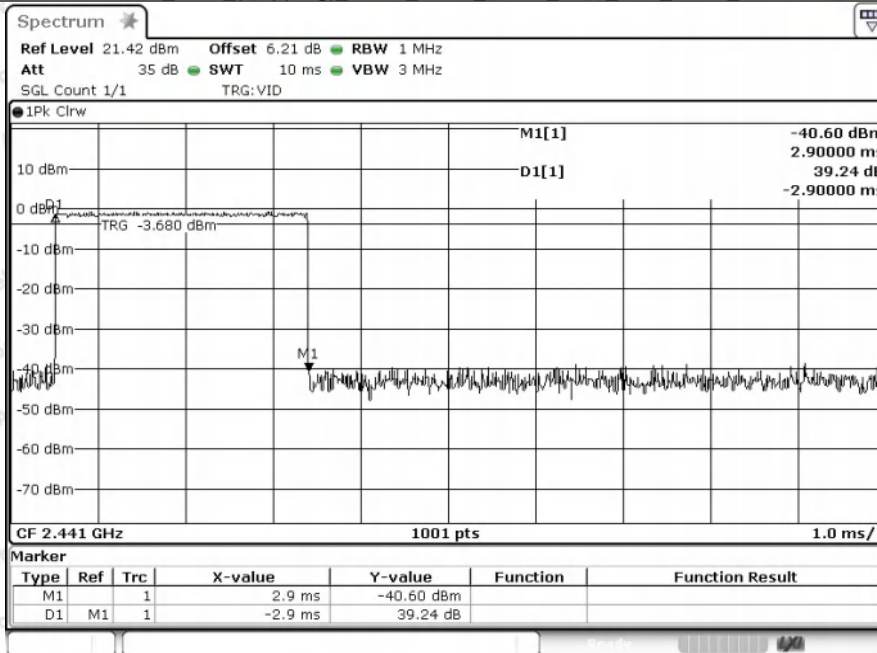
Test Result

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.900	112.00	324.800	0.40	Pass
NVNT	ANT1	2-DH5	2.900	106.00	307.400	0.40	Pass
NVNT	ANT1	1-DH1	0.390	319.00	124.410	0.40	Pass
NVNT	ANT1	1-DH3	1.650	157.00	259.050	0.40	Pass
NVNT	ANT1	2-DH1	0.410	320.00	131.200	0.40	Pass
NVNT	ANT1	2-DH3	1.660	158.00	262.280	0.40	Pass

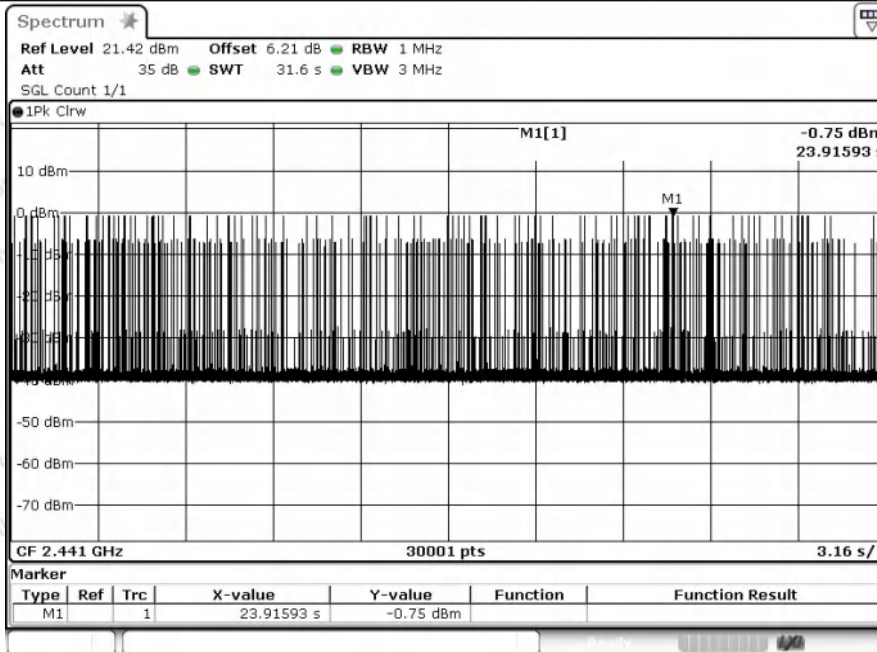
Test Graphs



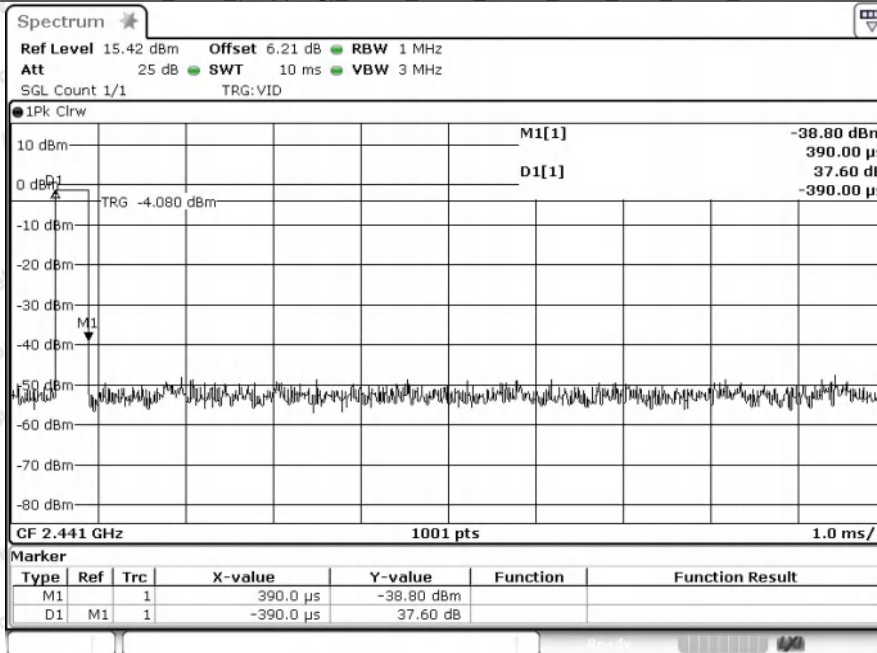
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst Time



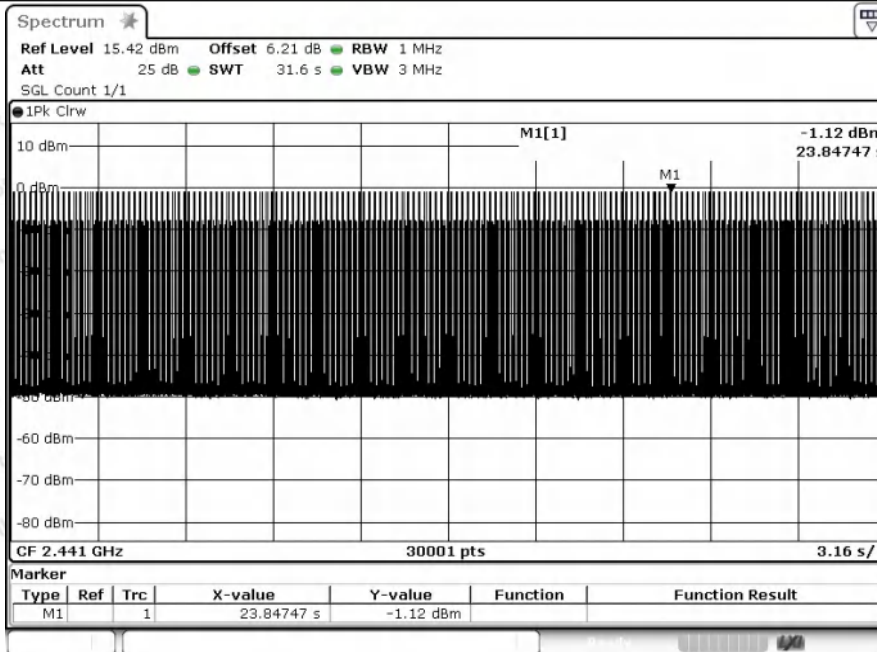
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



Dwell Time (Hopping) NVNT_ANT1_1-DH1_2441_One_Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH1_2441_Accumulated



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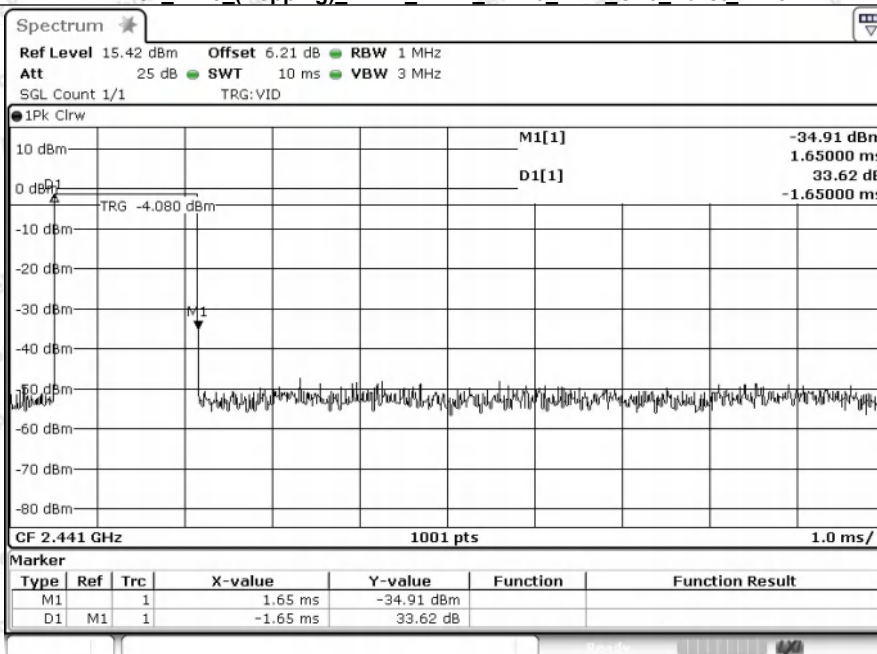
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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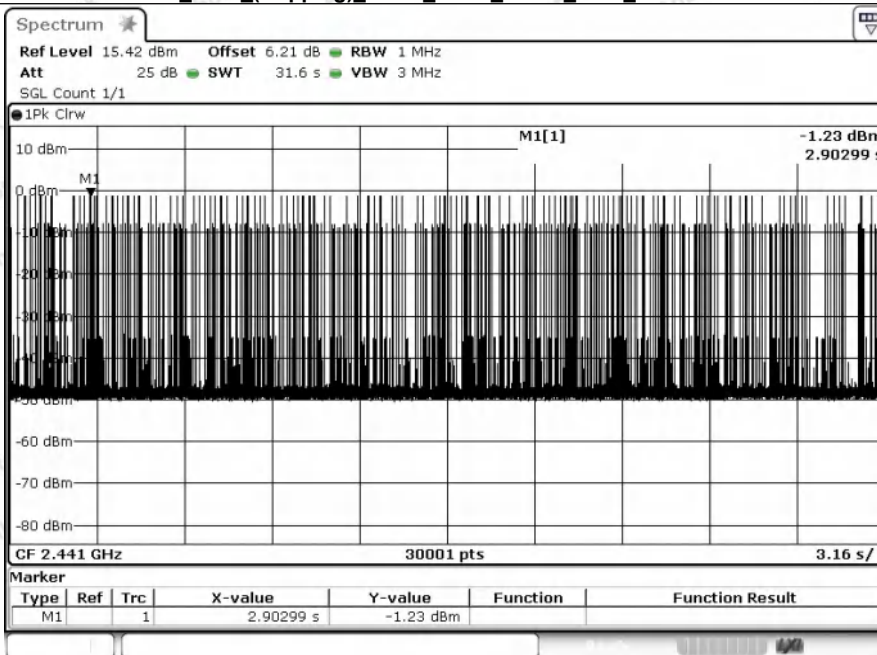
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Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One_Burst Time



Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



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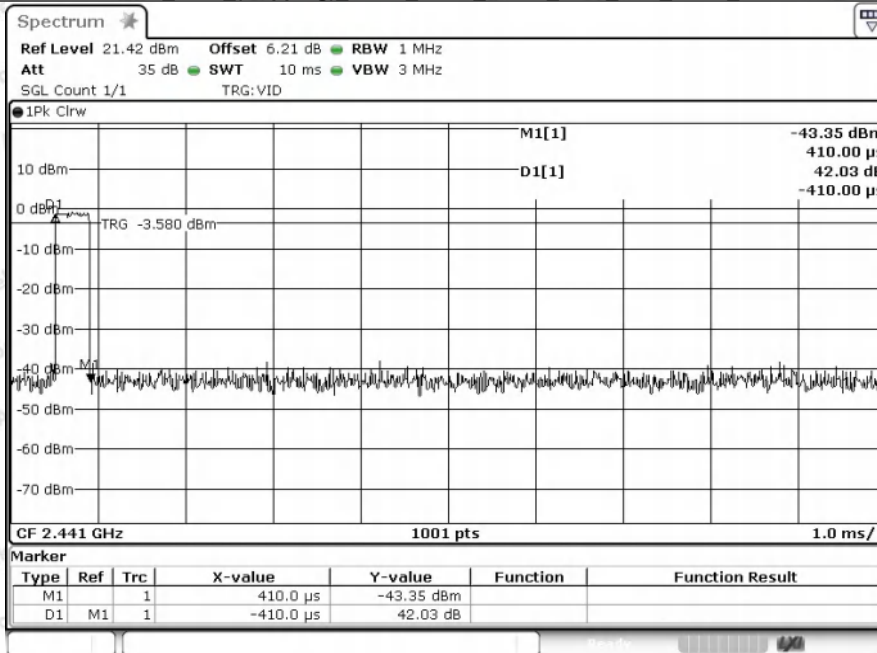
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



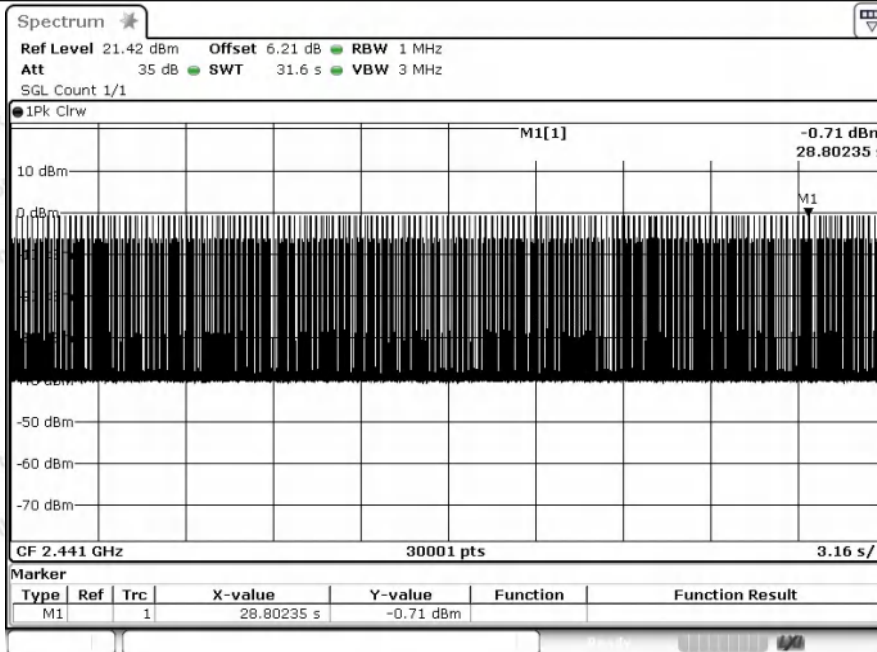
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Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_One_Burst Time



Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



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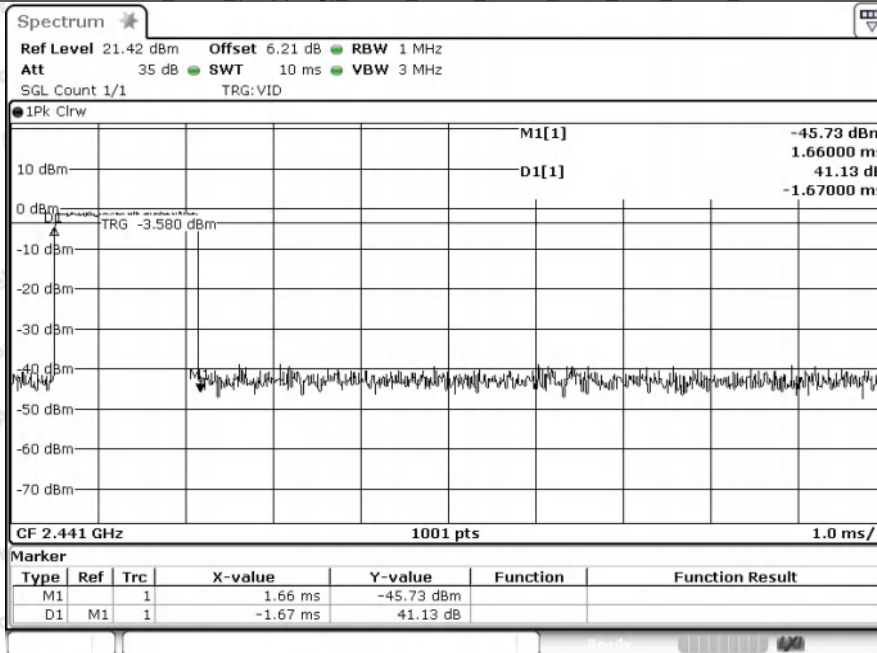
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Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



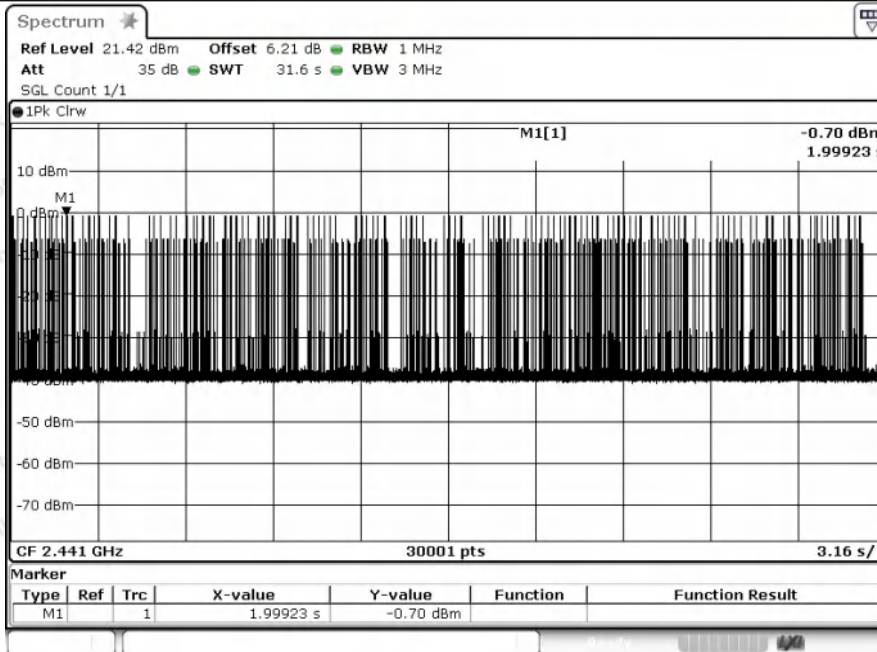
Hotline
400-003-0500
www.anbotek.com.cn



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst Time



Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



---END---

Shenzhen Anbotek Compliance Laboratory Limited

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