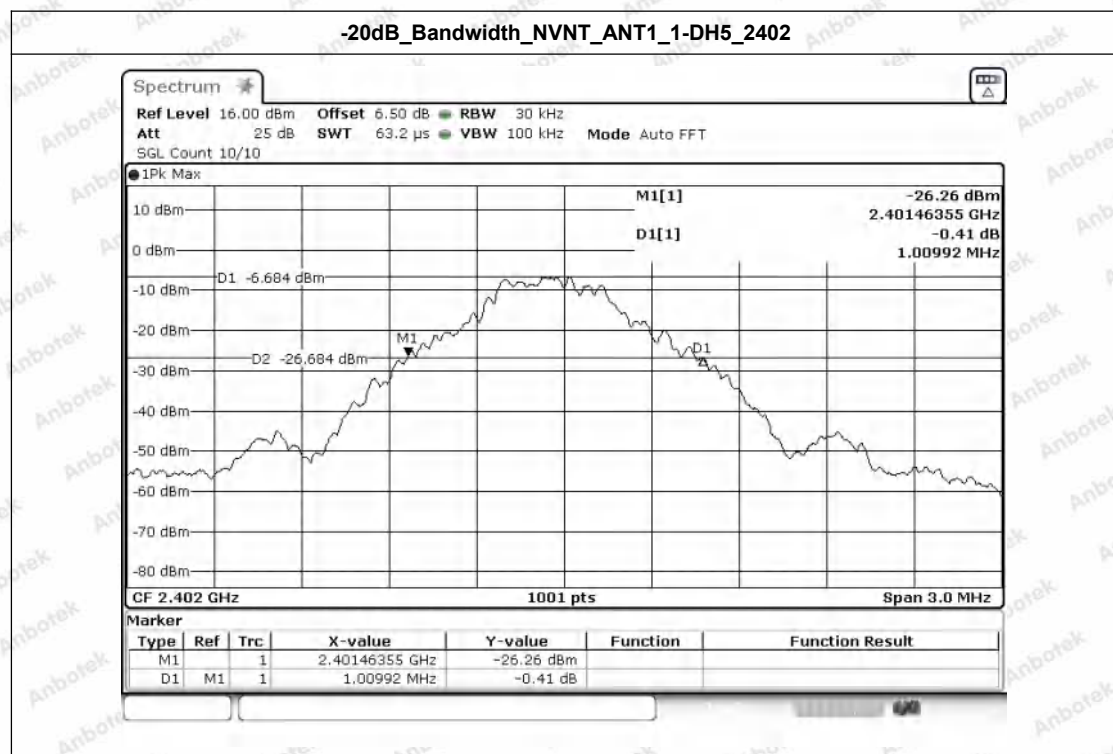


Appendix Test Data

Report No.:	18220WC40064101	Test Sample No.:	1-2-2
Start Test Date:	2024.4.08	Finish Test Date:	2024.4.08
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	25.5°C	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.010	Yes
NVNT	ANT1	1-DH5	2441.00	0.980	No
NVNT	ANT1	1-DH5	2480.00	0.980	No
NVNT	ANT1	2-DH5	2402.00	1.277	Yes
NVNT	ANT1	2-DH5	2441.00	1.277	Yes
NVNT	ANT1	2-DH5	2480.00	1.277	Yes
NVNT	ANT1	3-DH5	2402.00	1.277	Yes
NVNT	ANT1	3-DH5	2441.00	1.274	Yes
NVNT	ANT1	3-DH5	2480.00	1.271	Yes



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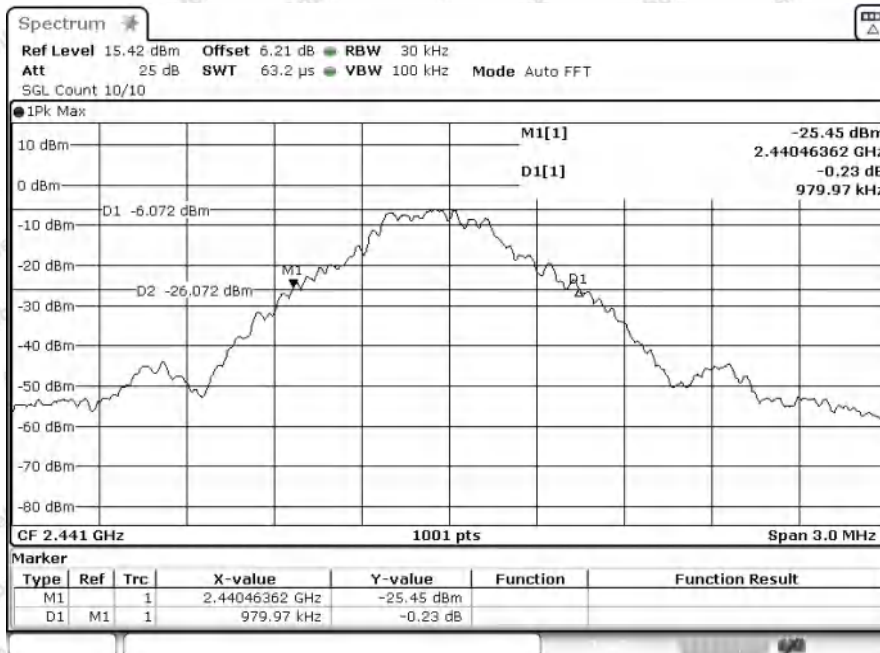
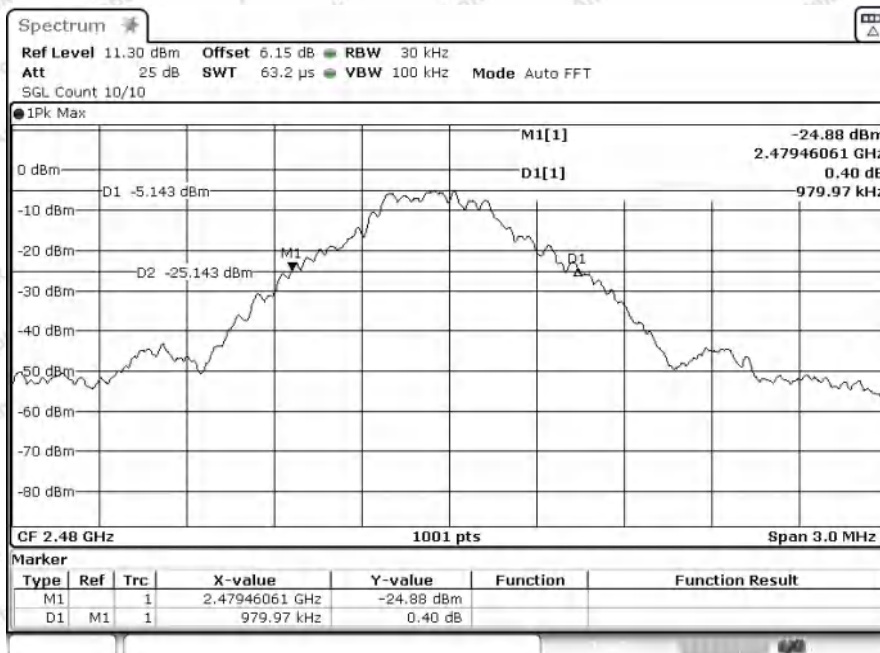
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441**-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480****-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402****Shenzhen Anbotek Compliance Laboratory Limited**

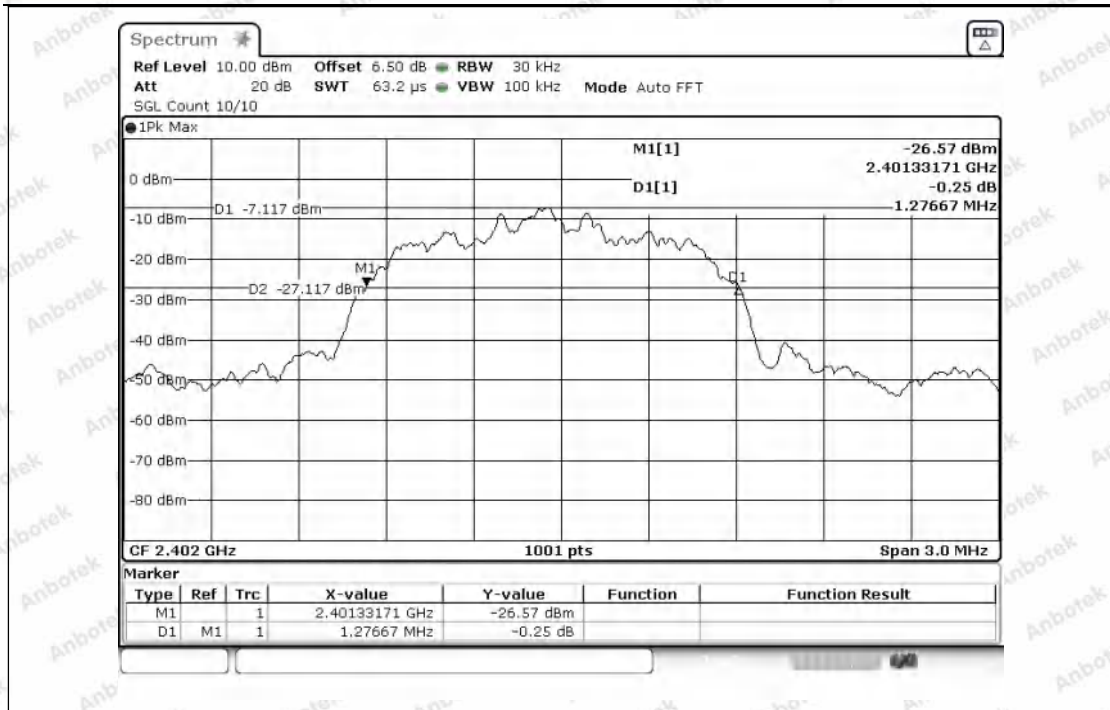
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



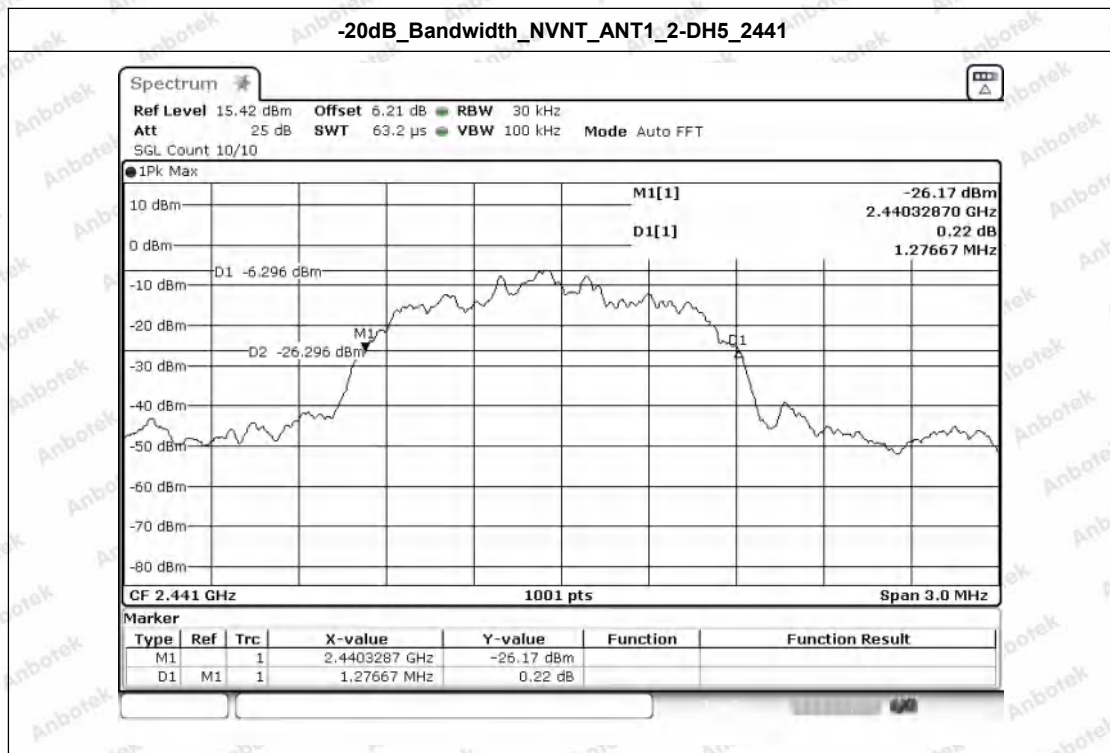
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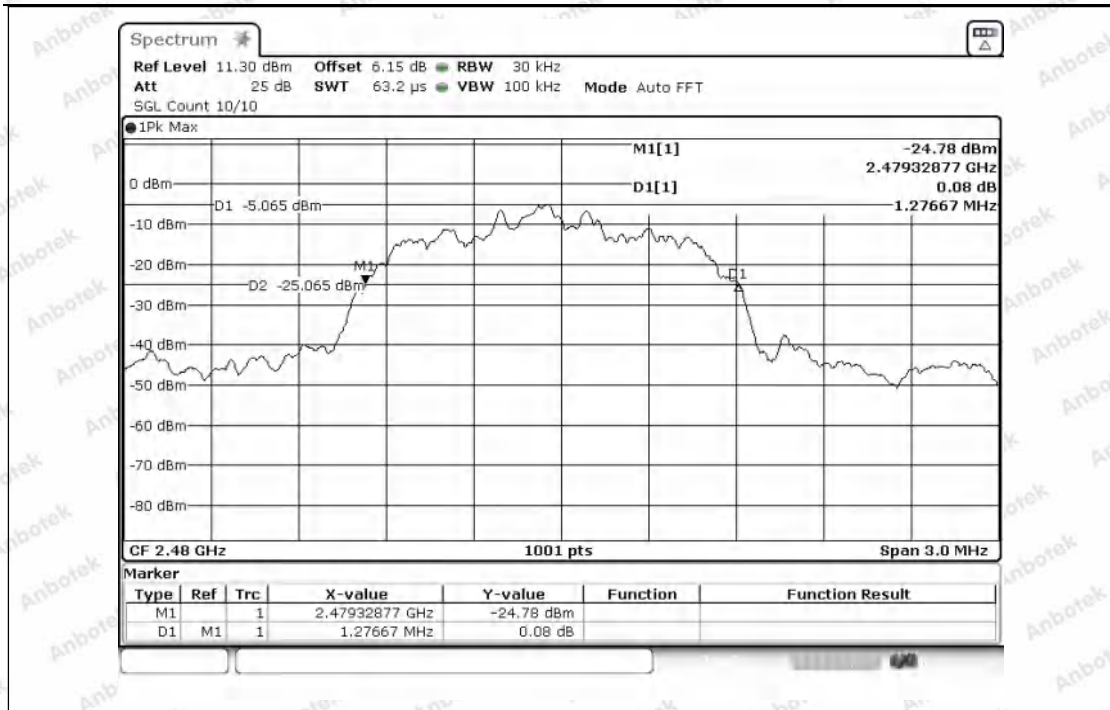


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441

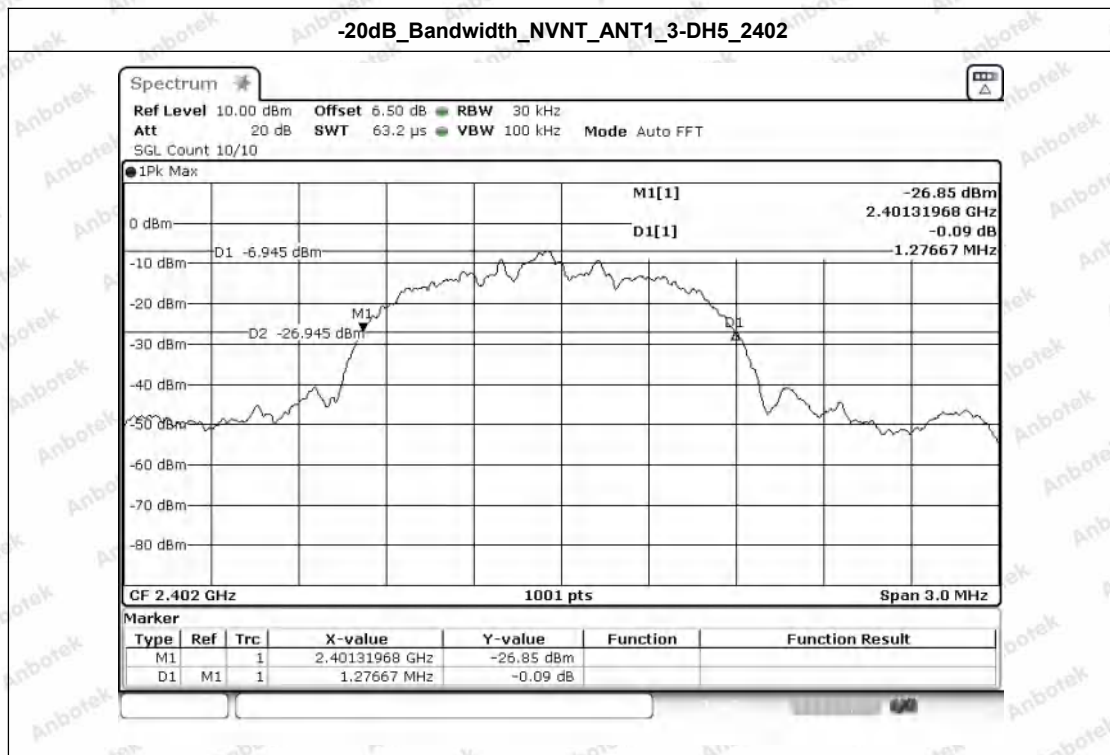


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480



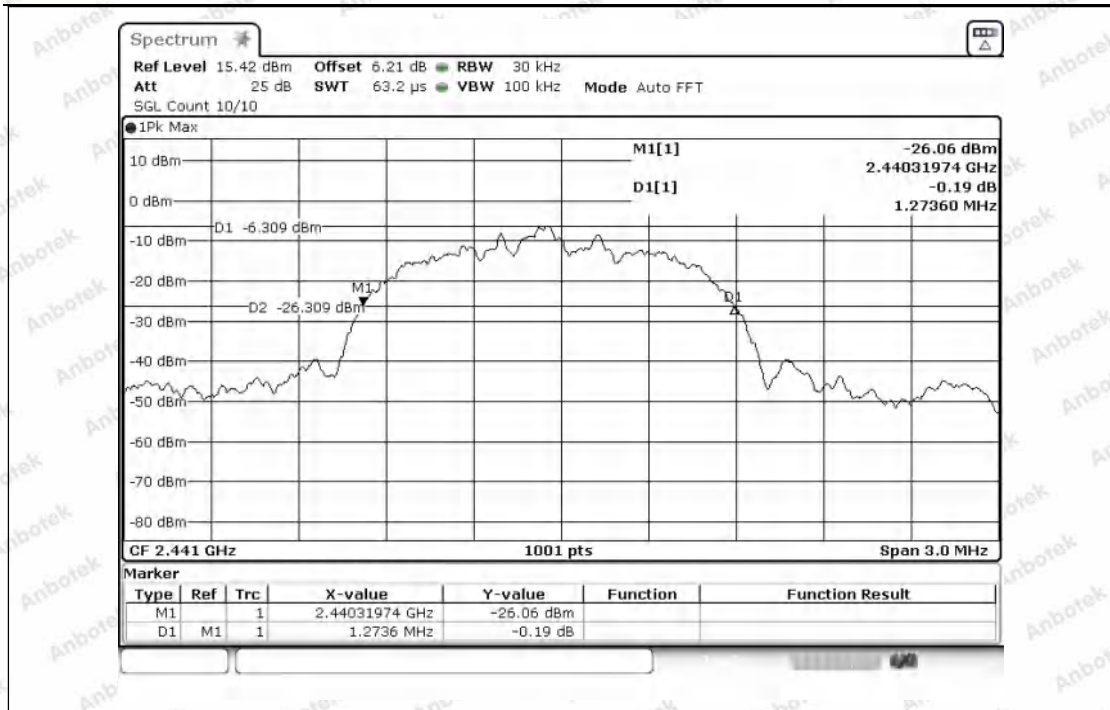


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402

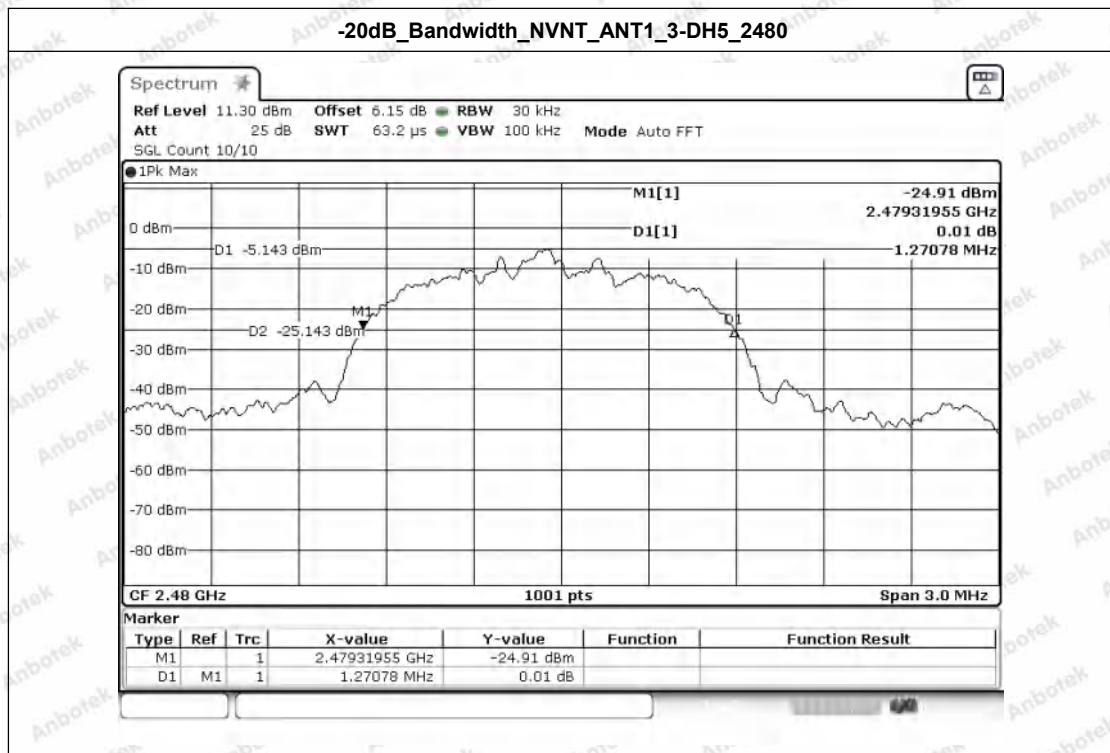


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441



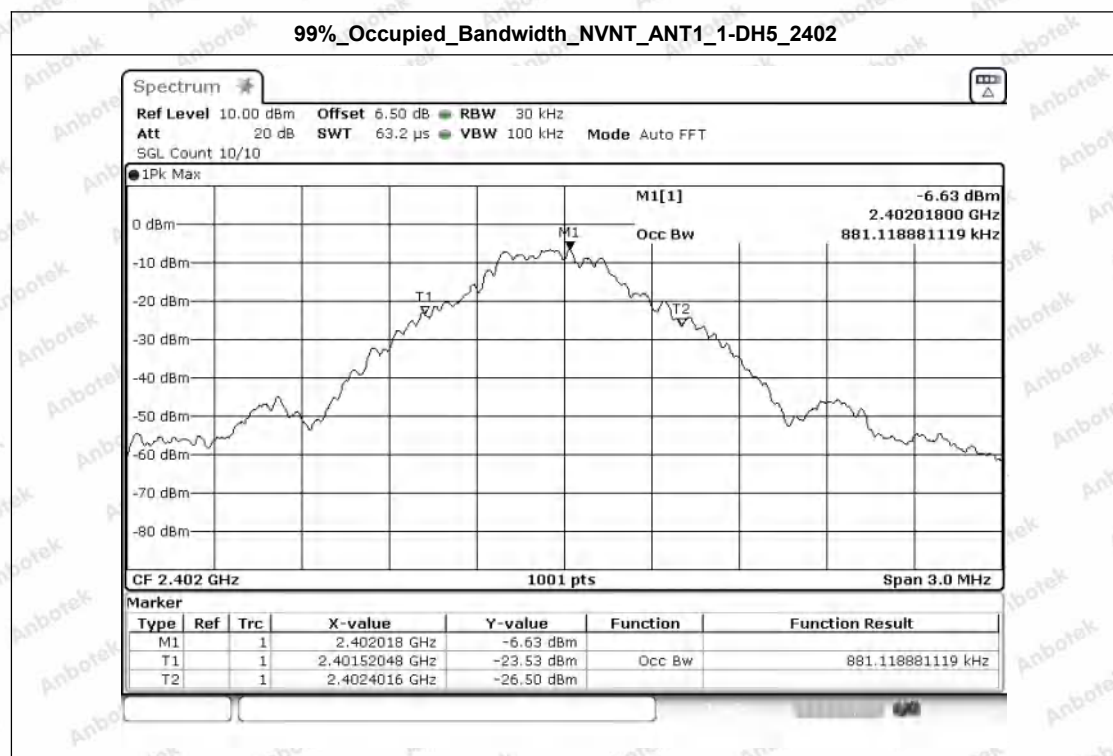


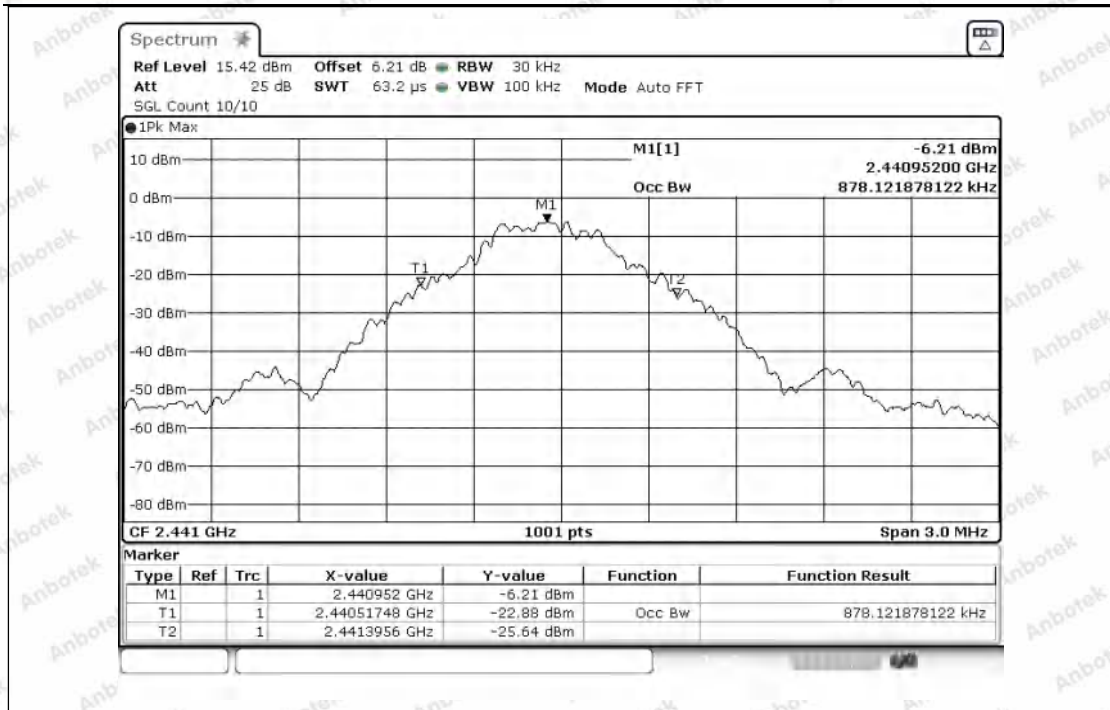
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480



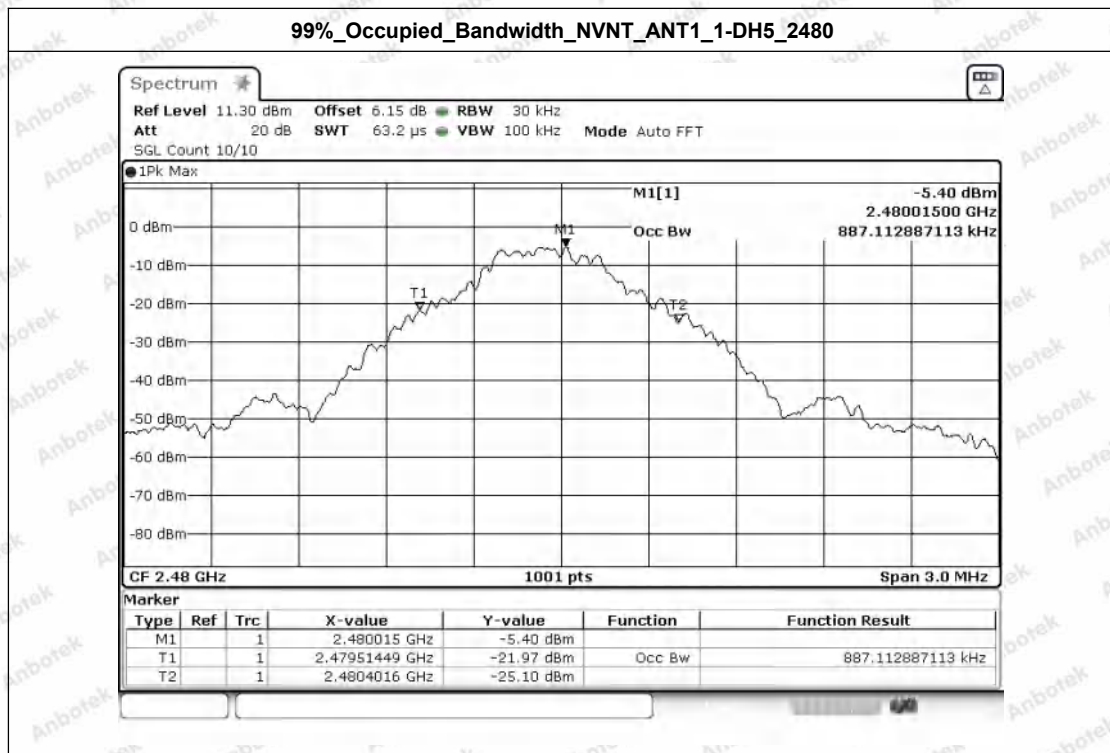
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.881
NVNT	ANT1	1-DH5	2441.00	0.878
NVNT	ANT1	1-DH5	2480.00	0.887
NVNT	ANT1	2-DH5	2402.00	1.154
NVNT	ANT1	2-DH5	2441.00	1.157
NVNT	ANT1	2-DH5	2480.00	1.157
NVNT	ANT1	3-DH5	2402.00	1.163
NVNT	ANT1	3-DH5	2441.00	1.163
NVNT	ANT1	3-DH5	2480.00	1.160

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402**99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441**

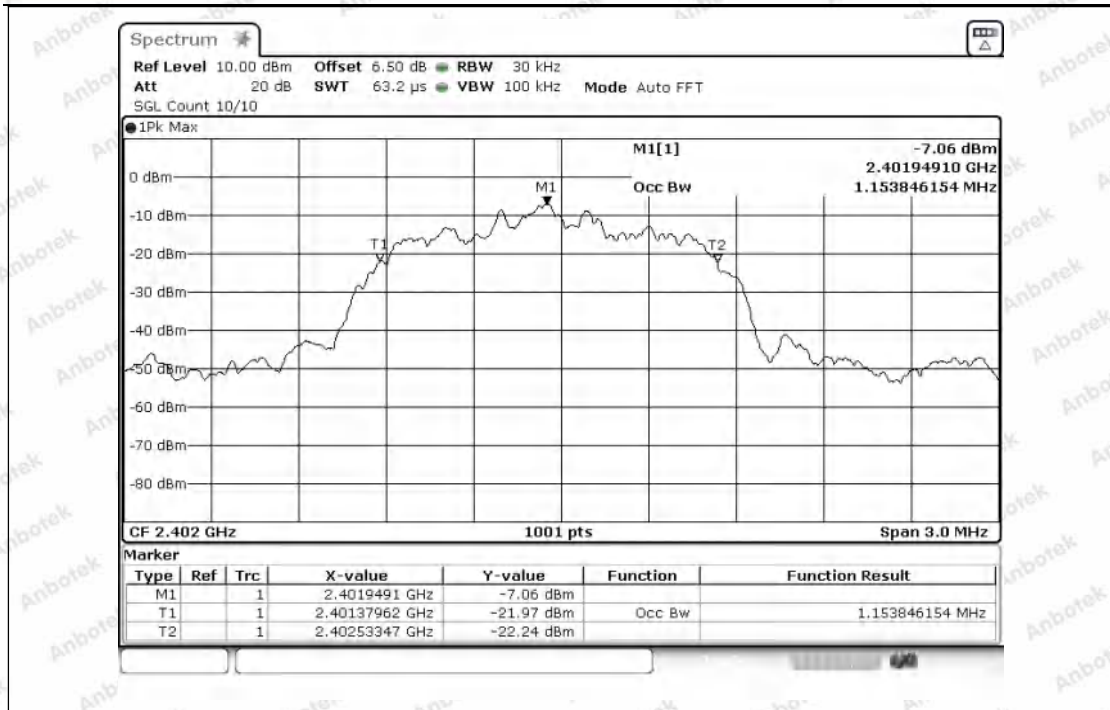


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480

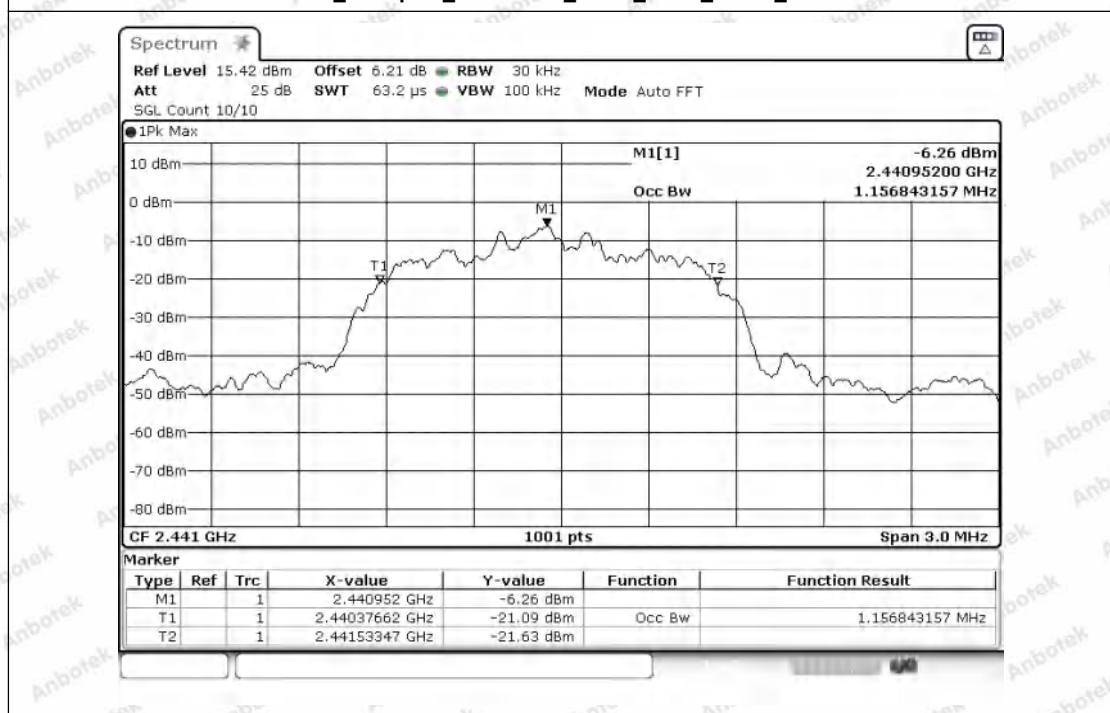


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402





99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480

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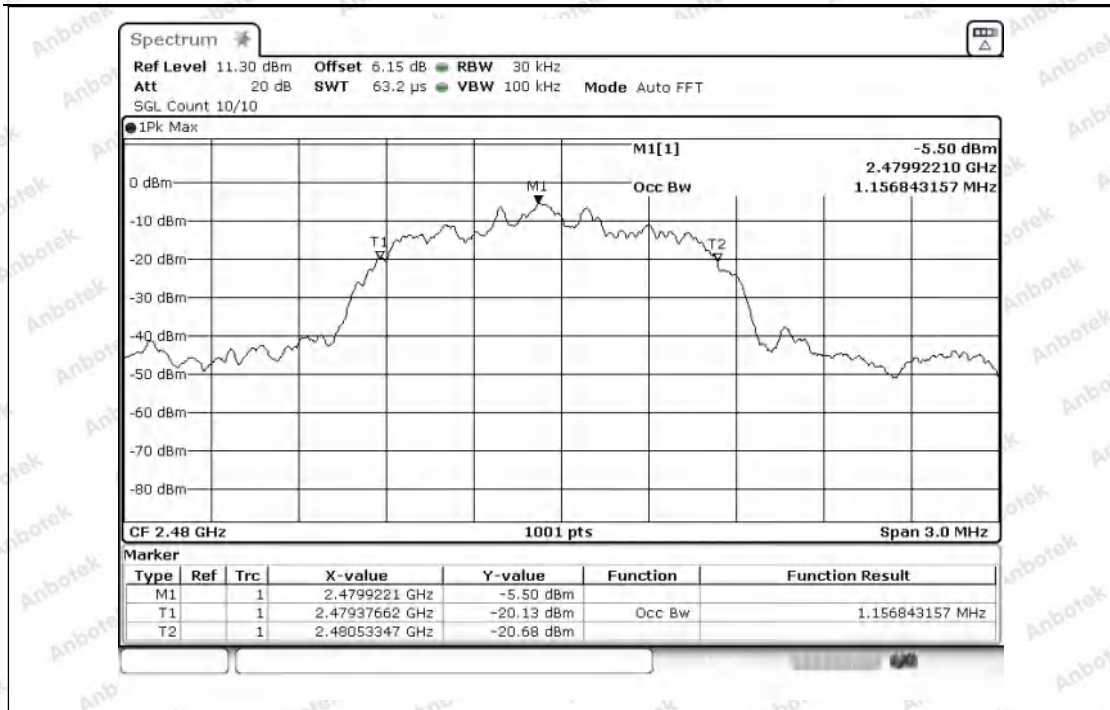
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



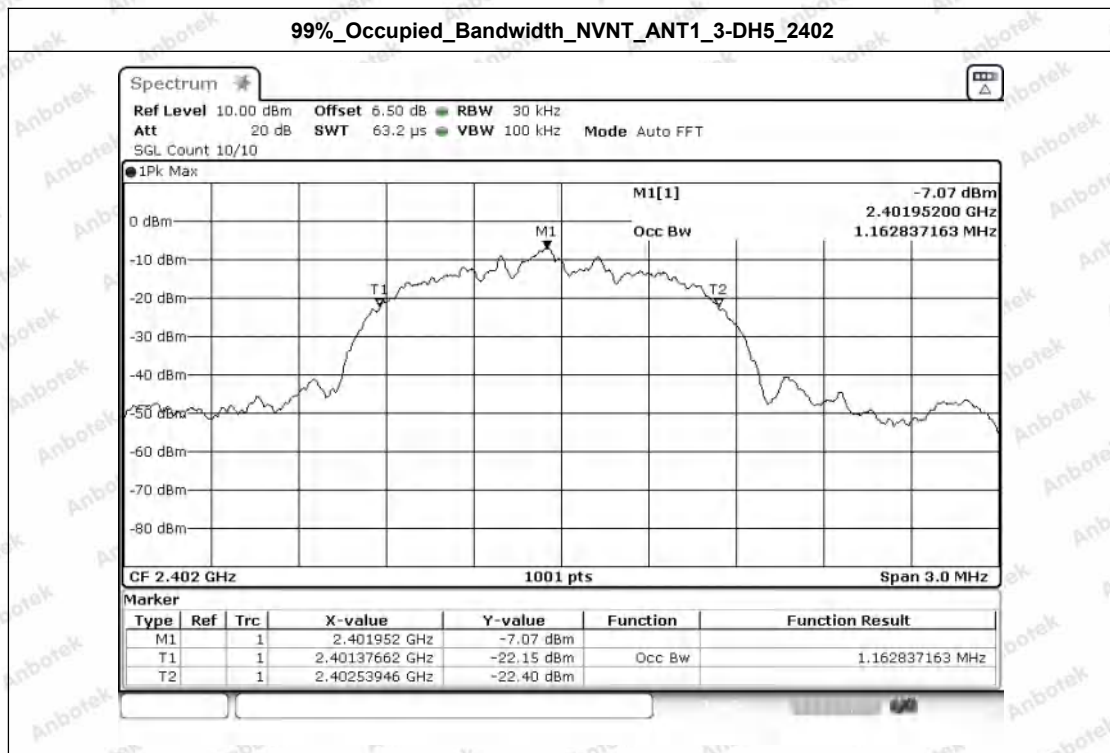
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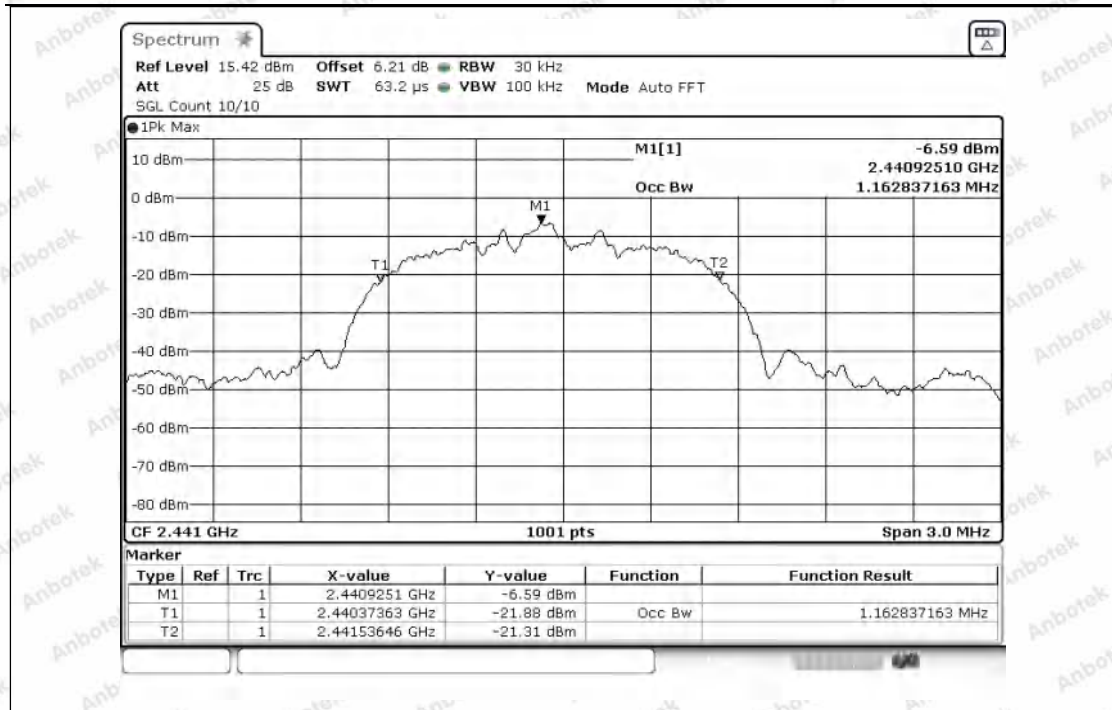


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402

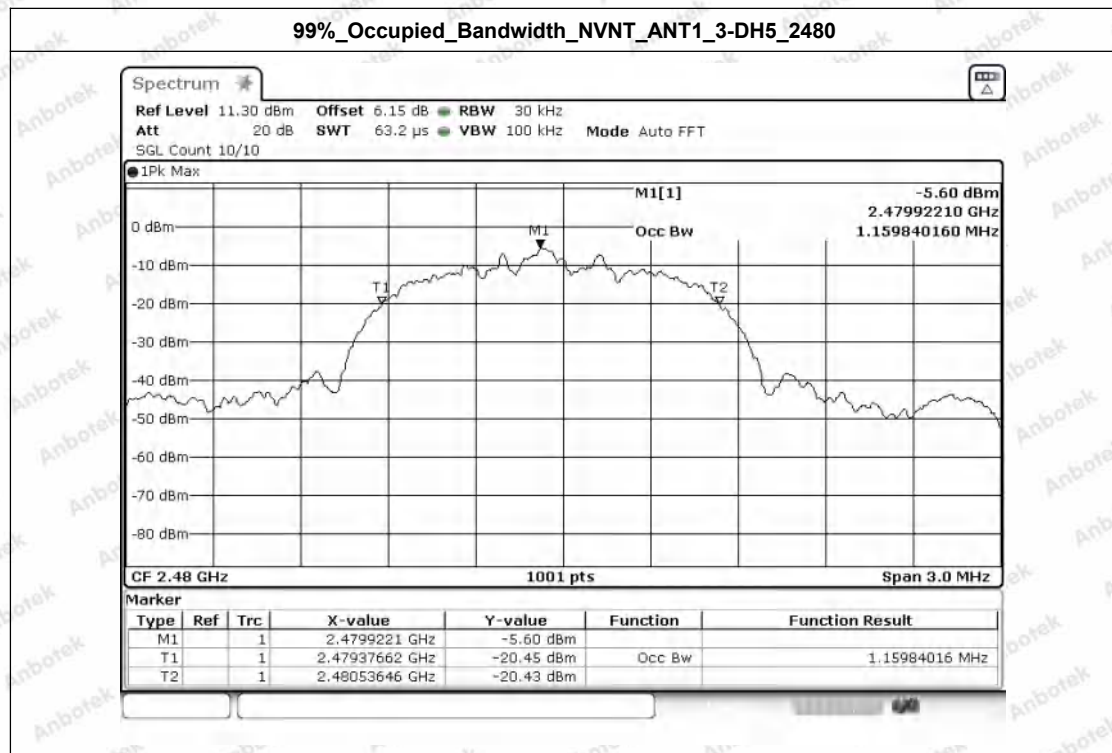


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441



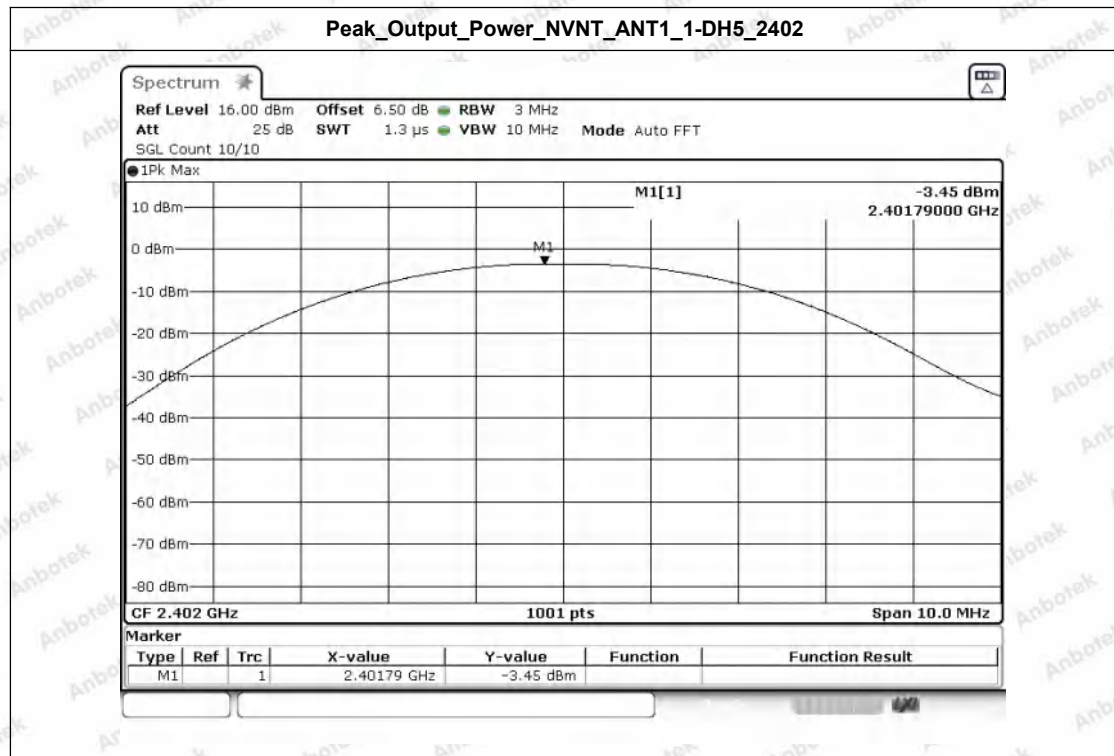


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480



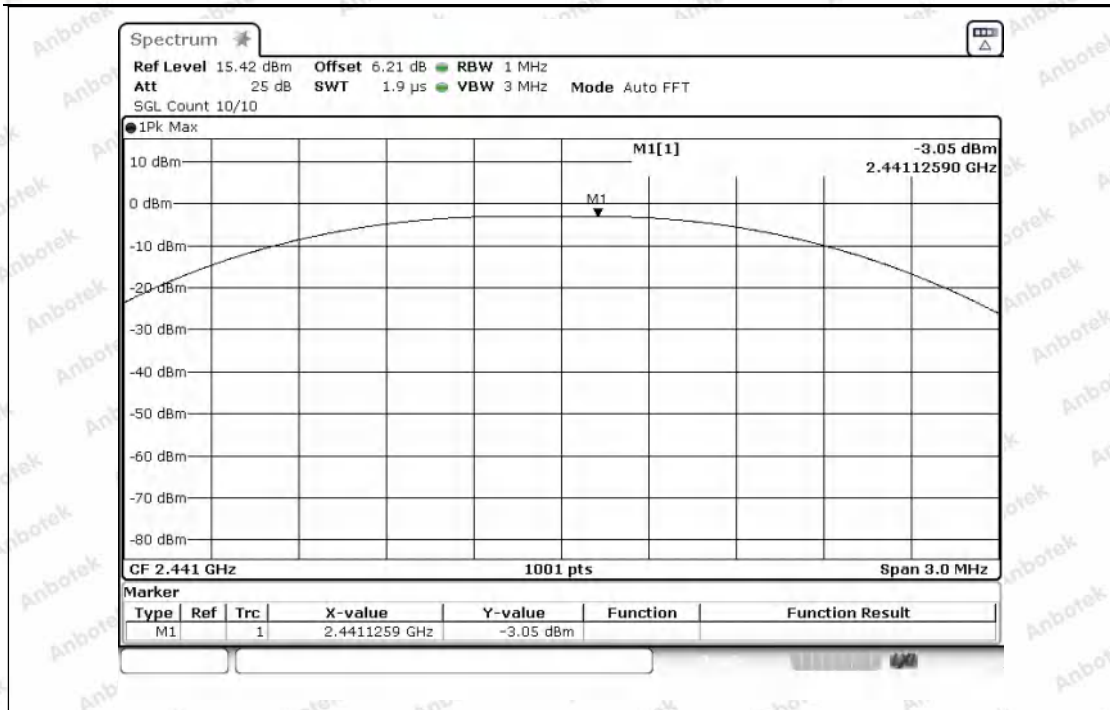
Appendix C: Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	-3.45	0.45	125	Pass
NVNT	ANT1	1-DH5	2441.00	-3.05	0.50	1000	Pass
NVNT	ANT1	1-DH5	2480.00	-2.11	0.61	1000	Pass
NVNT	ANT1	2-DH5	2402.00	-3.29	0.47	125	Pass
NVNT	ANT1	2-DH5	2441.00	-2.36	0.58	125	Pass
NVNT	ANT1	2-DH5	2480.00	-1.31	0.74	125	Pass
NVNT	ANT1	3-DH5	2402.00	-2.68	0.54	125	Pass
NVNT	ANT1	3-DH5	2441.00	-1.86	0.65	125	Pass
NVNT	ANT1	3-DH5	2480.00	-0.76	0.84	125	Pass

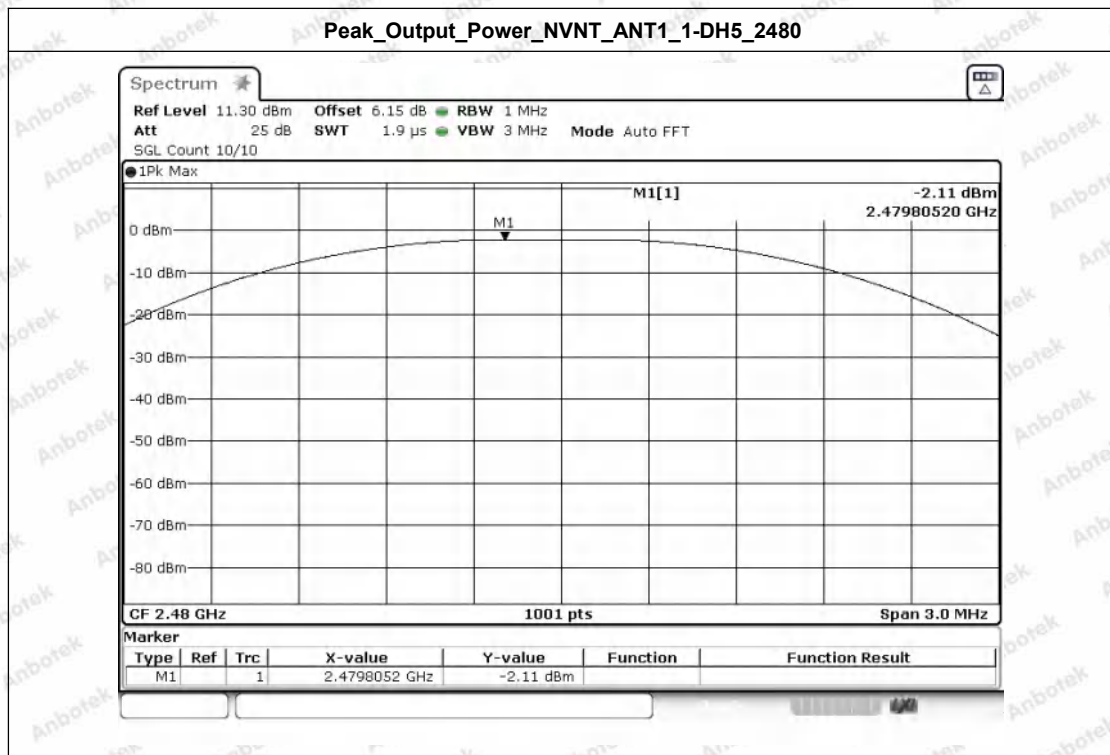


Peak_Output_Power_NVNT_ANT1_1-DH5_2441



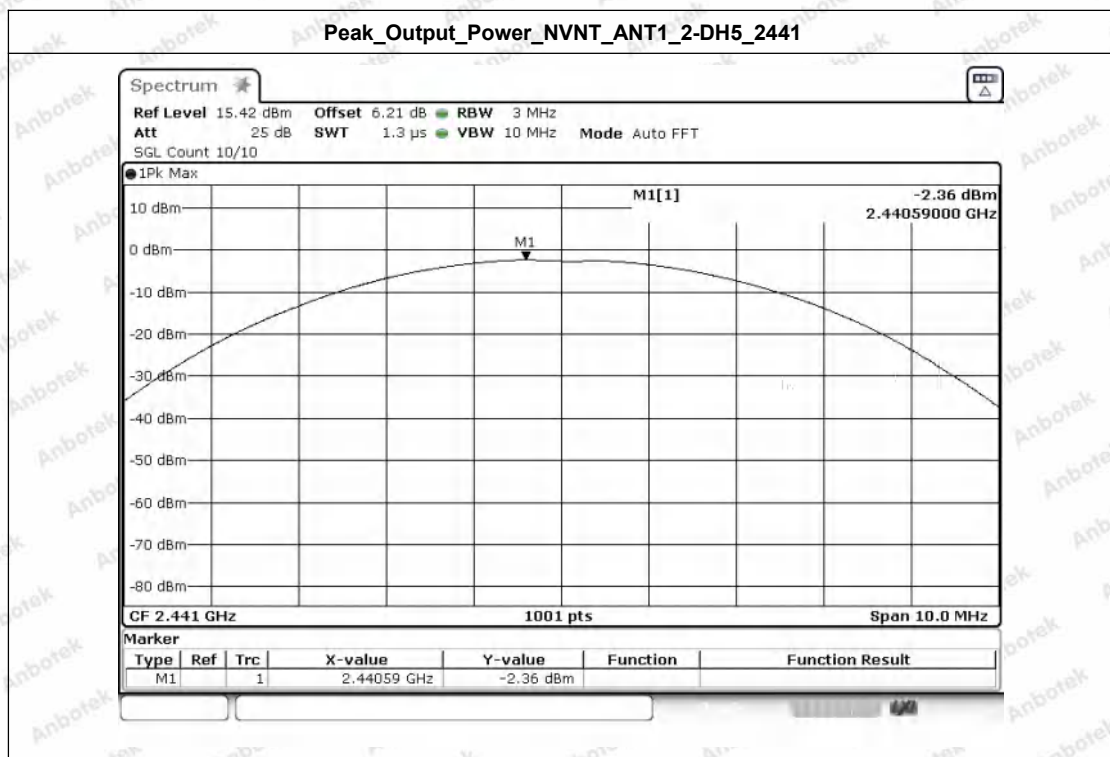
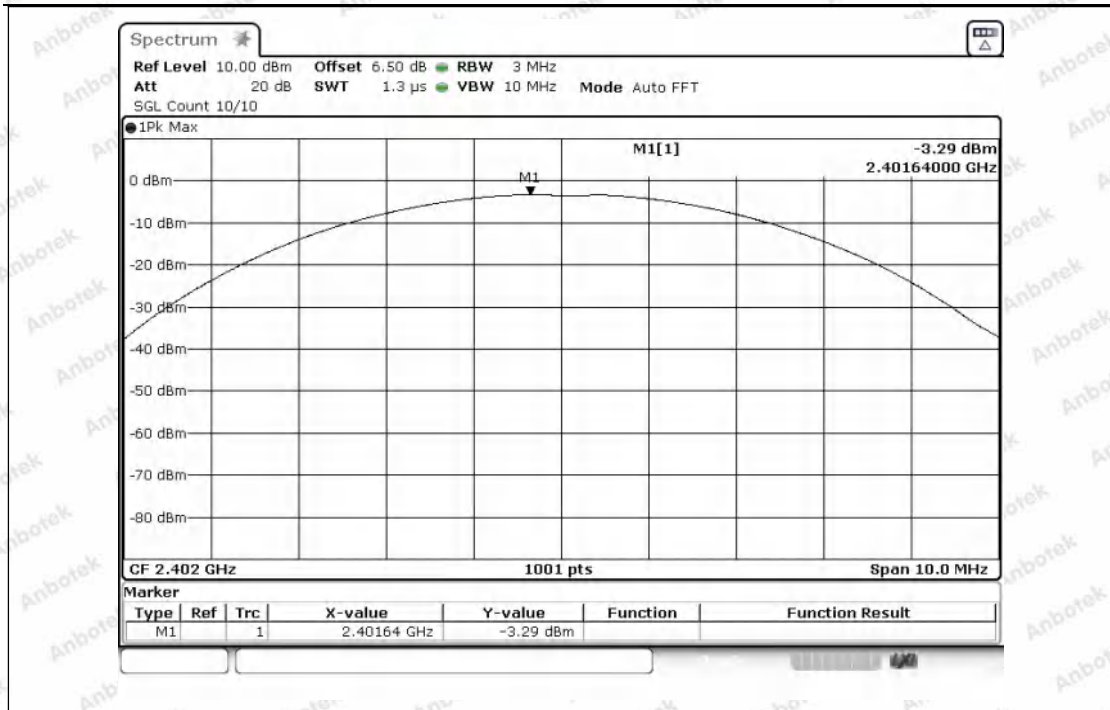


Peak_Output_Power_NVNT_ANT1_1-DH5_2480



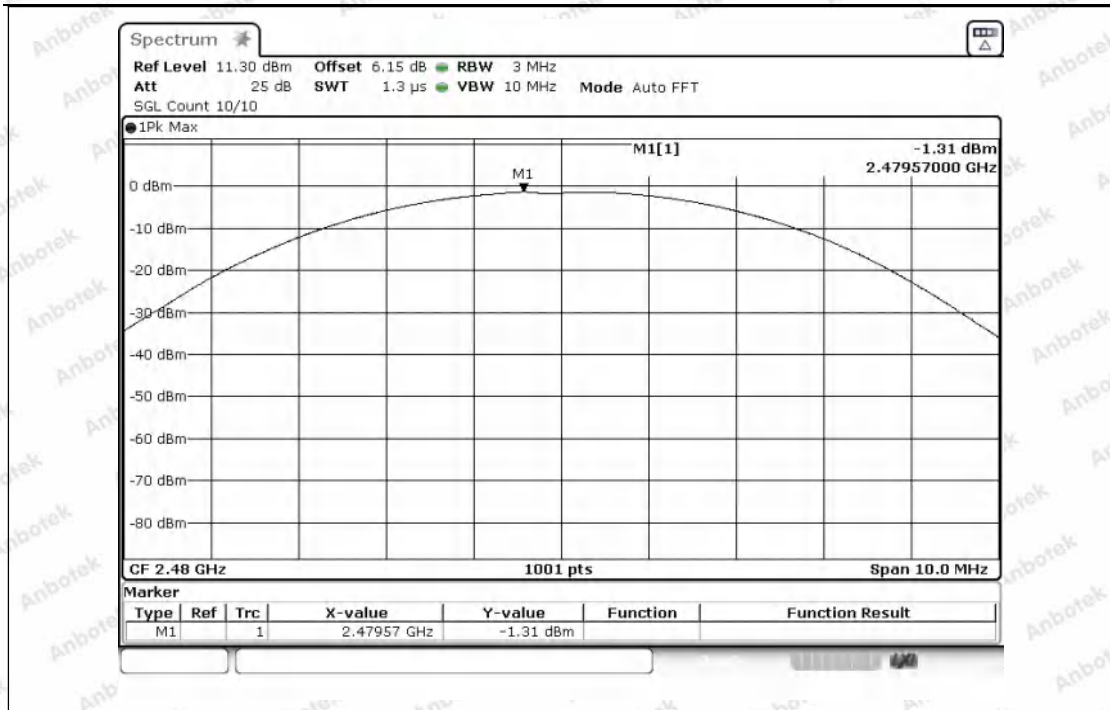
Peak_Output_Power_NVNT_ANT1_2-DH5_2402



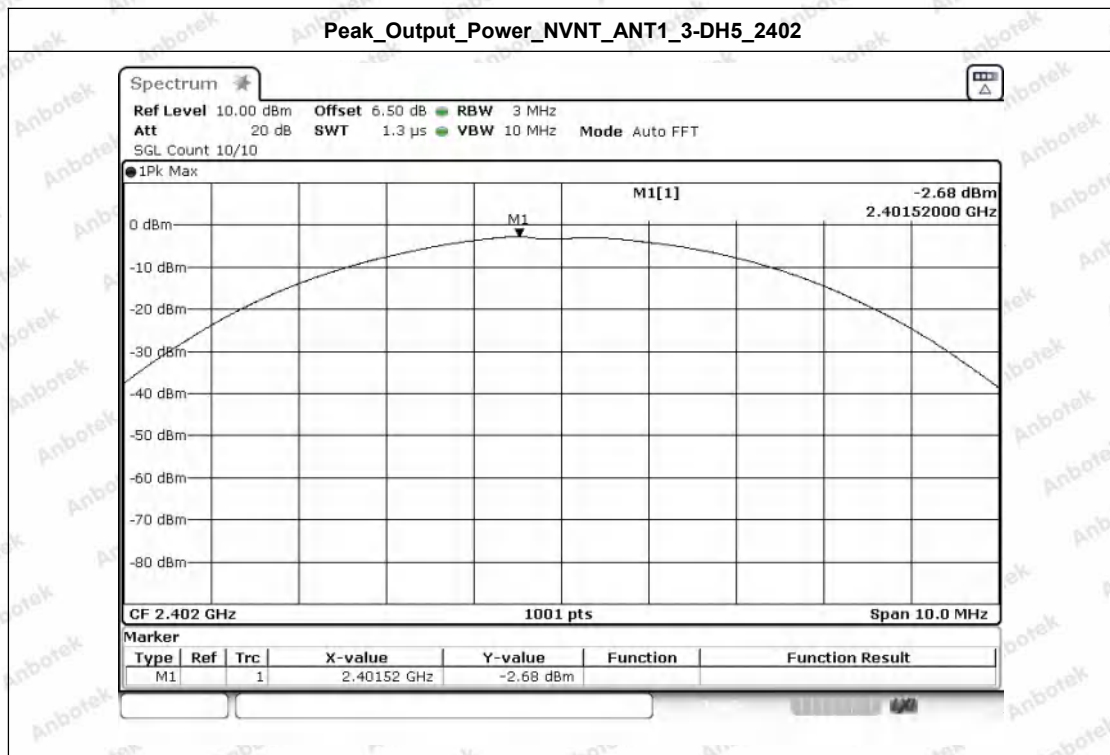


Peak_Output_Power_NVNT_ANT1_2-DH5_2480



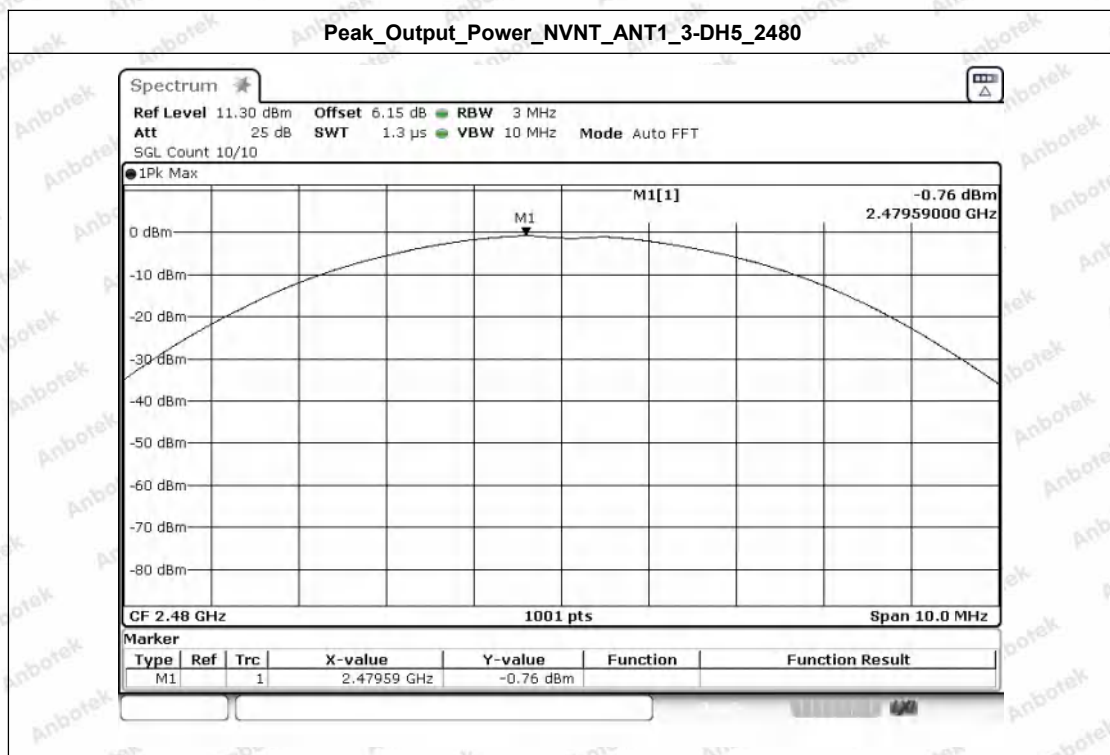
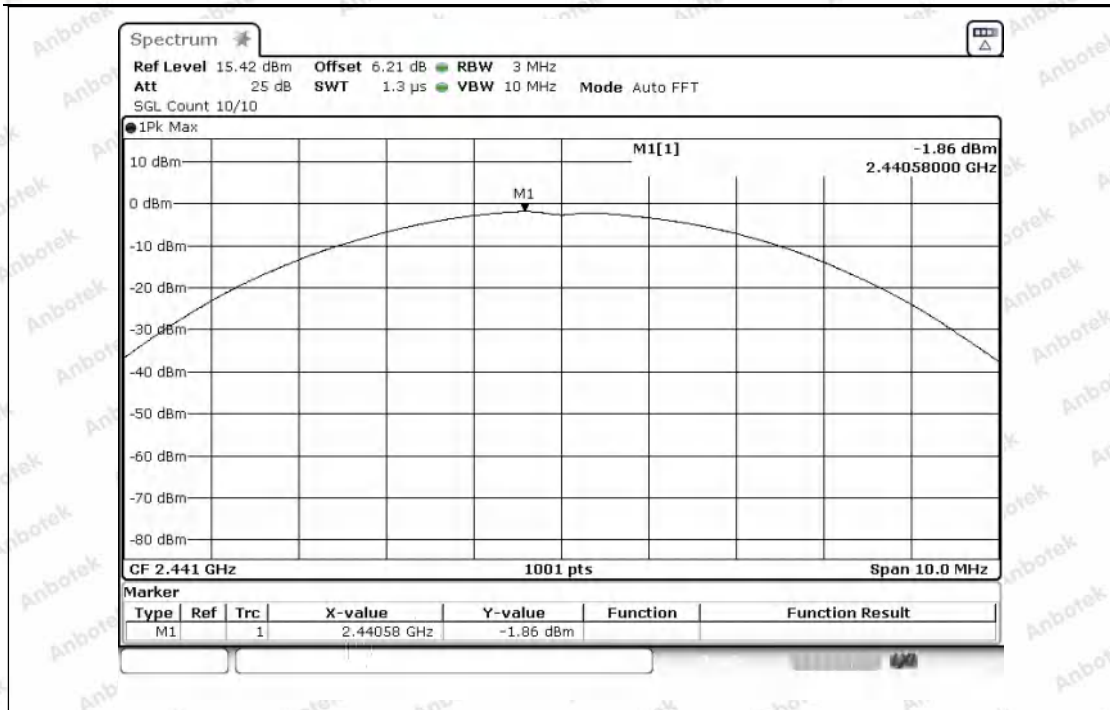


Peak_Output_Power_NVNT_ANT1_3-DH5_2402



Peak_Output_Power_NVNT_ANT1_3-DH5_2441

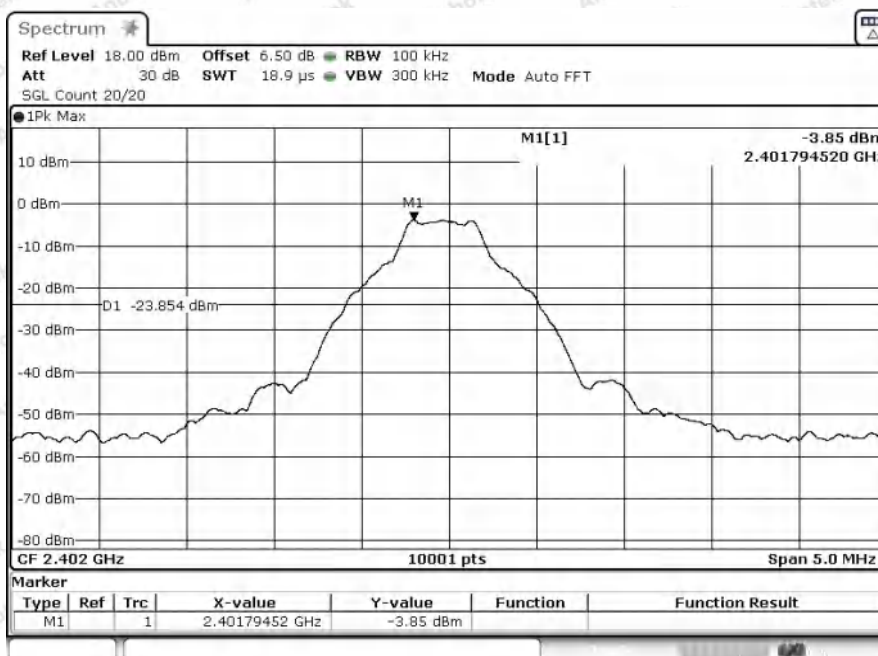




Appendix D: Spurious Emissions

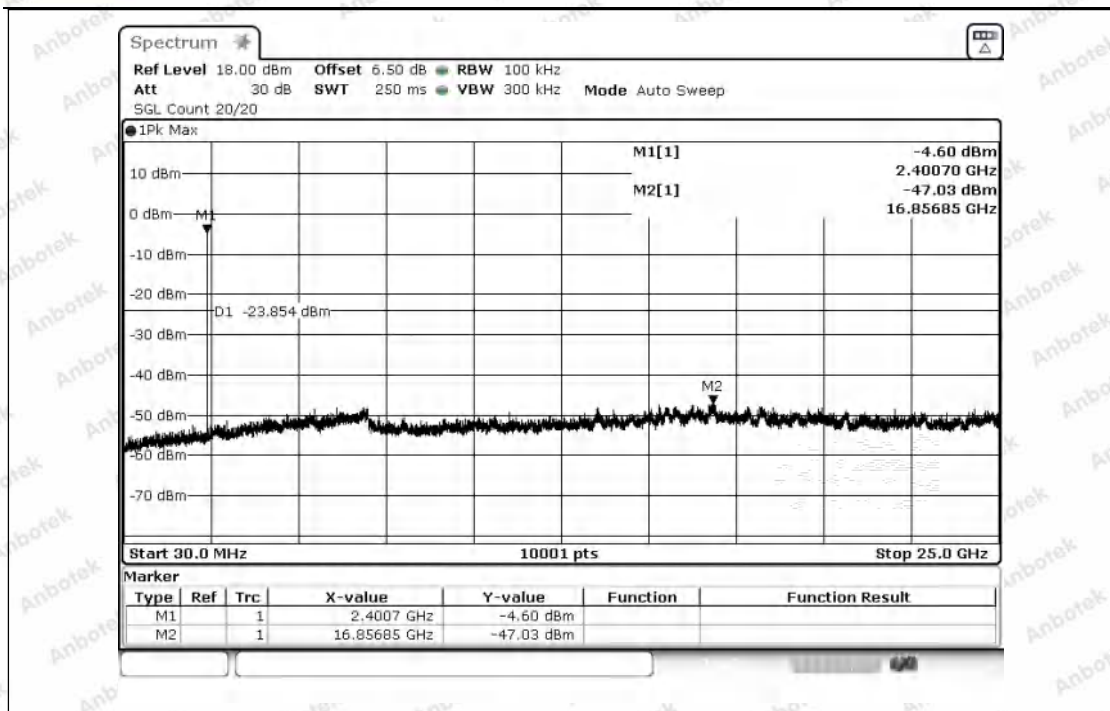
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-47.028	-23.854	Pass
NVNT	ANT1	1-DH5	2441.00	-47.377	-23.396	Pass
NVNT	ANT1	1-DH5	2480.00	-47.018	-22.496	Pass
NVNT	ANT1	2-DH5	2402.00	-51.536	-24.445	Pass
NVNT	ANT1	2-DH5	2441.00	-46.880	-23.624	Pass
NVNT	ANT1	2-DH5	2480.00	-46.753	-22.467	Pass
NVNT	ANT1	3-DH5	2402.00	-50.991	-24.430	Pass
NVNT	ANT1	3-DH5	2441.00	-46.248	-23.666	Pass
NVNT	ANT1	3-DH5	2480.00	-51.719	-22.516	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402

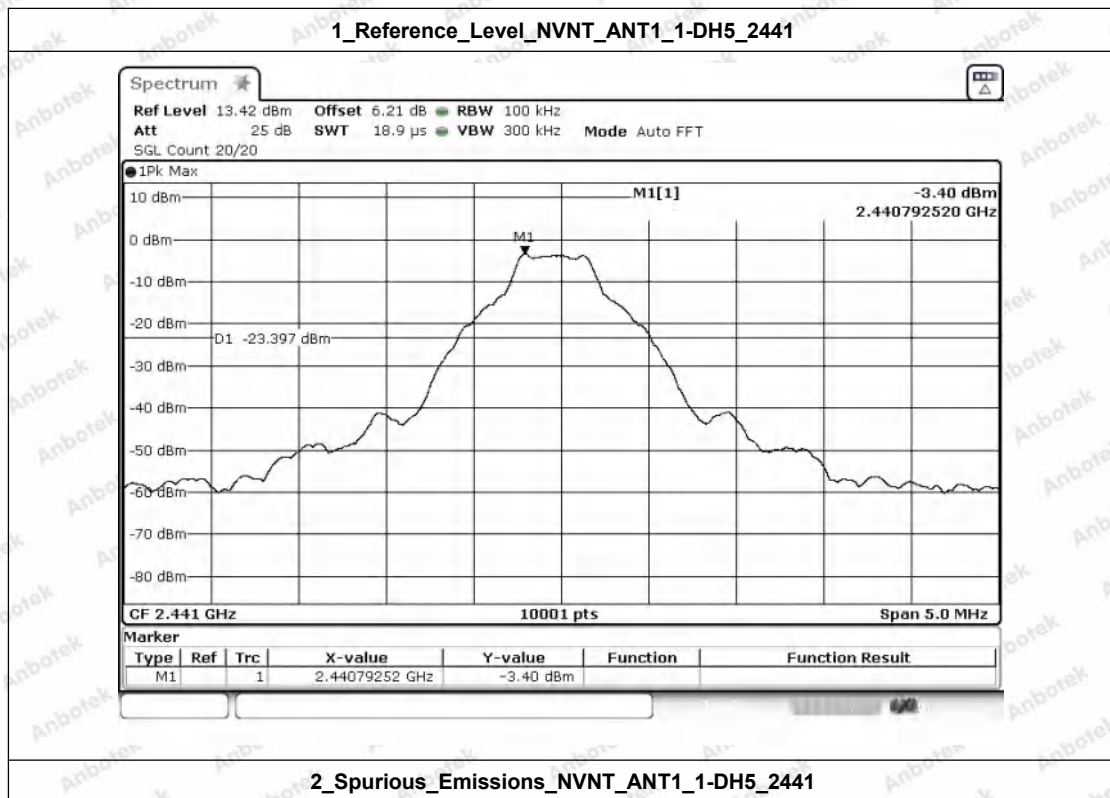


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402



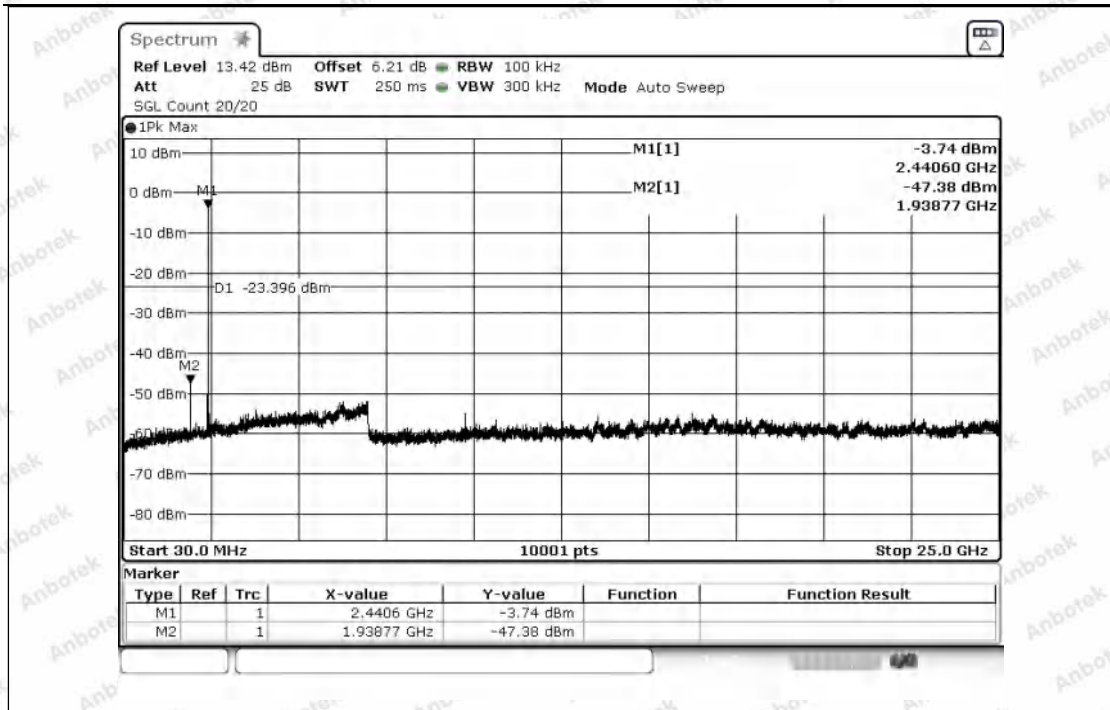


1_Reference_Level_NVNT_ANT1_1-DH5_2441

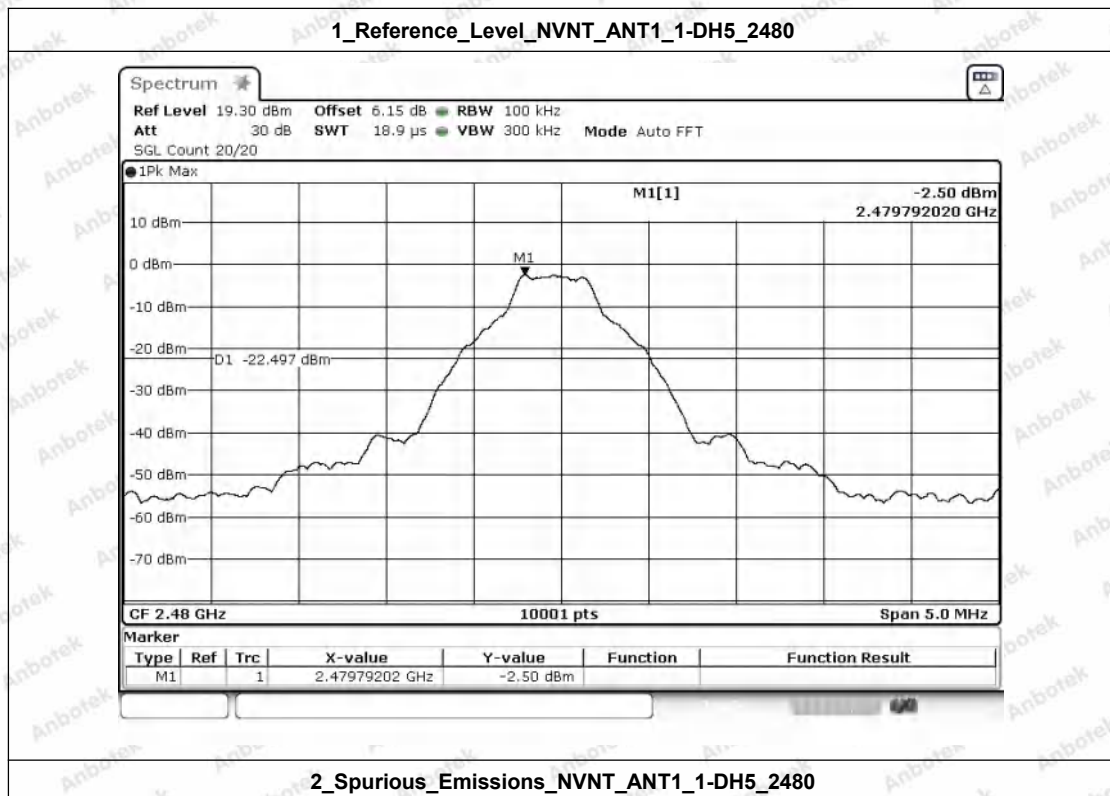


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441



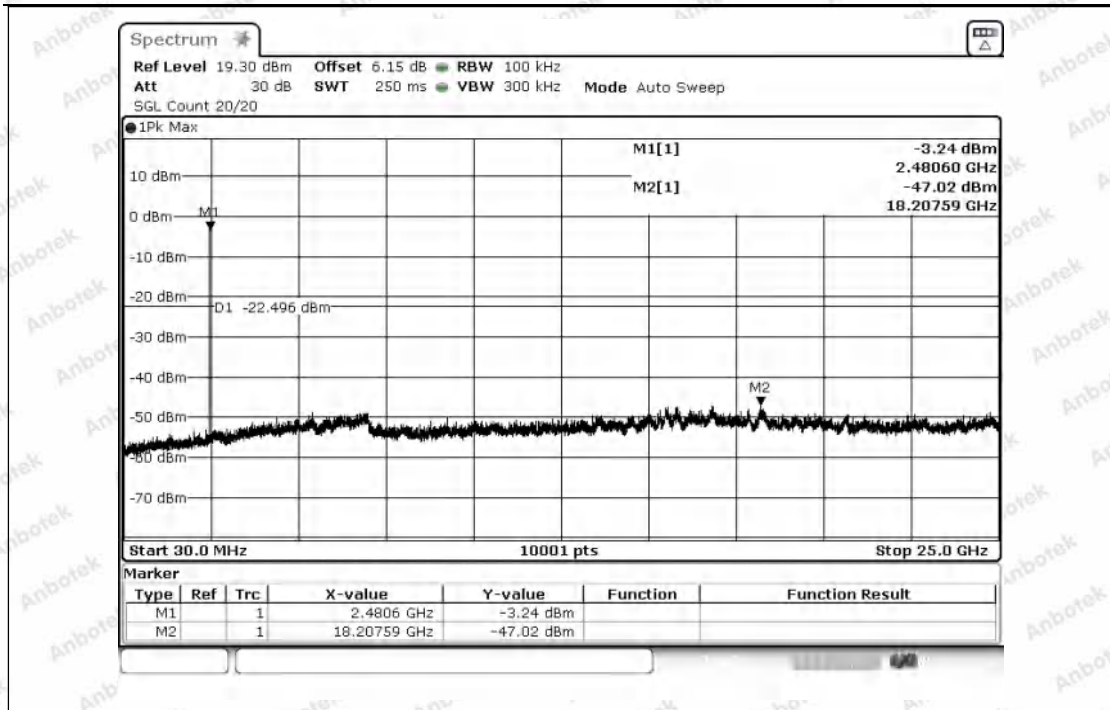


1_Reference_Level_NVNT_ANT1_1-DH5_2480

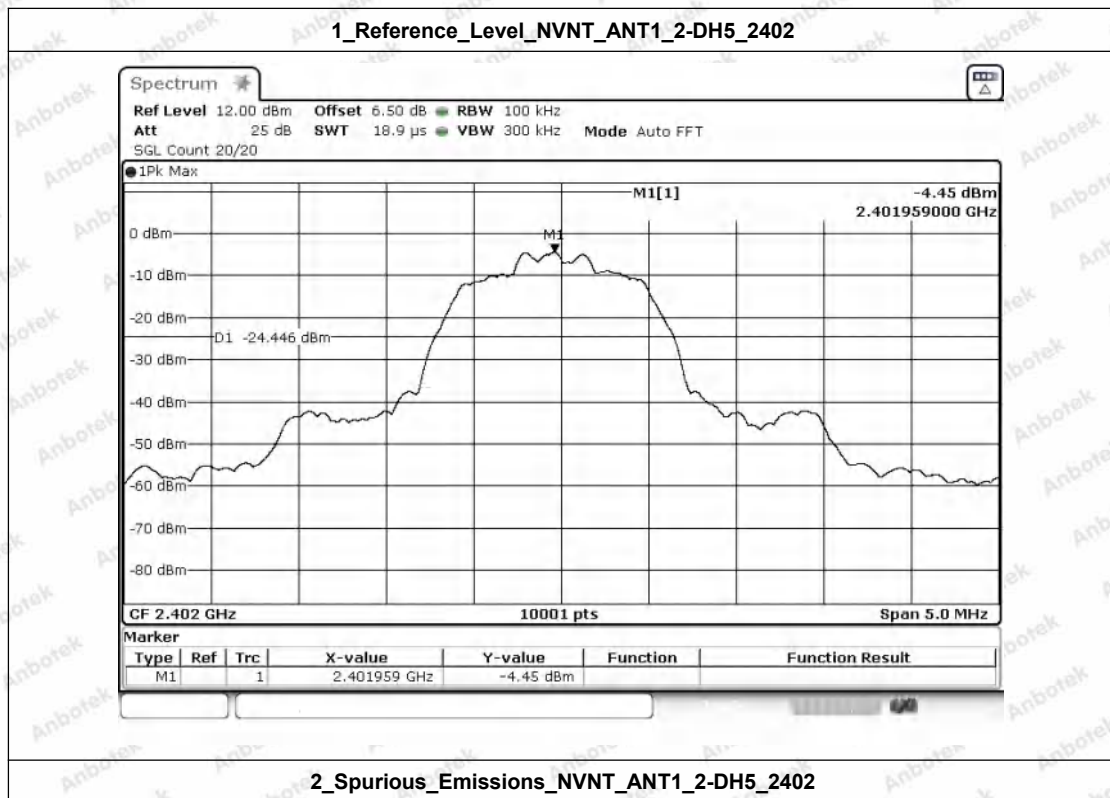


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480





1_Reference_Level_NVNT_ANT1_2-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402

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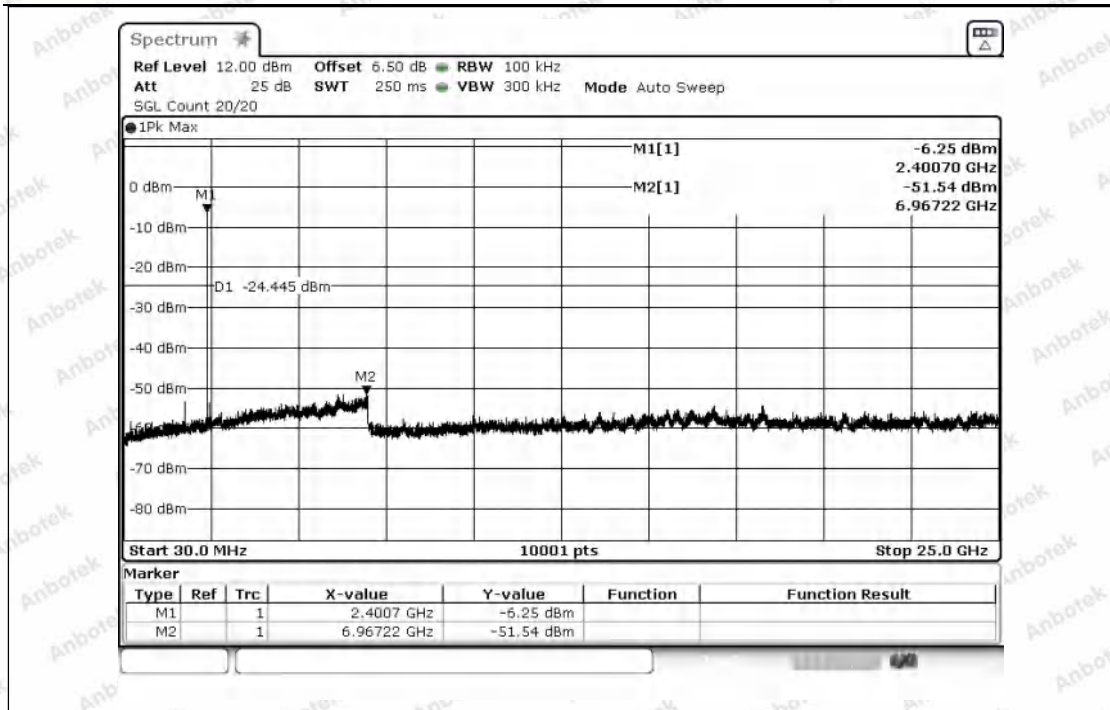
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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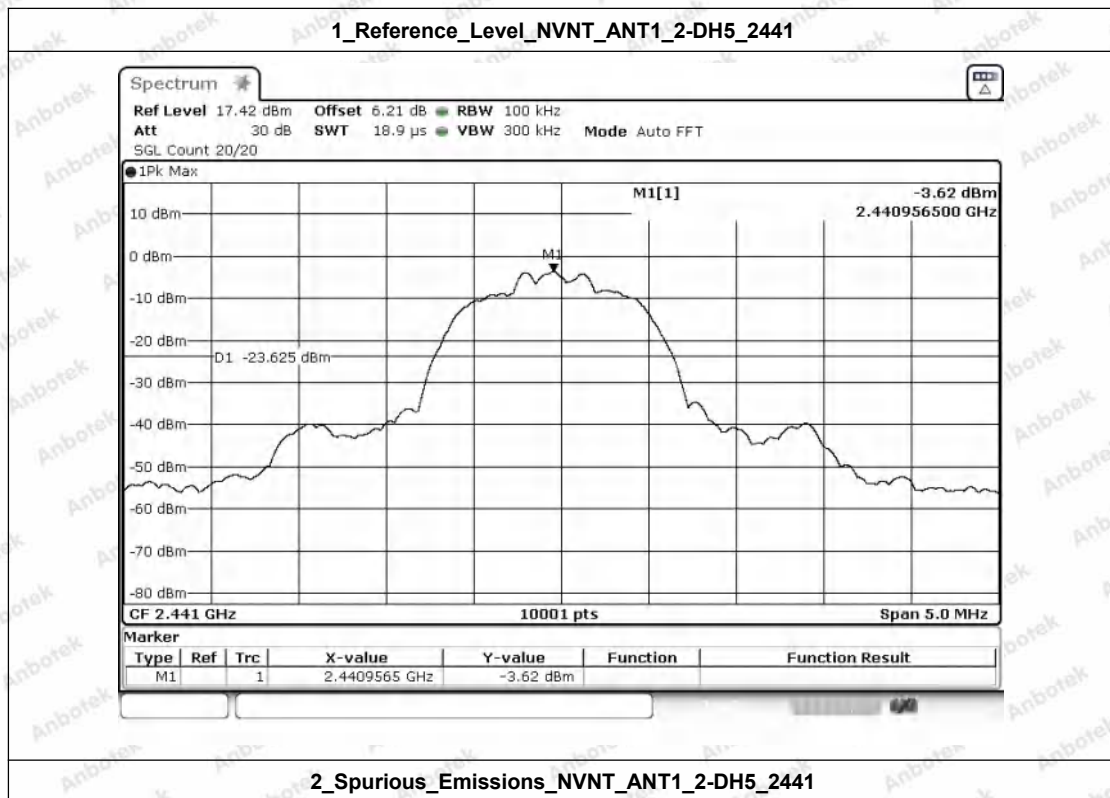
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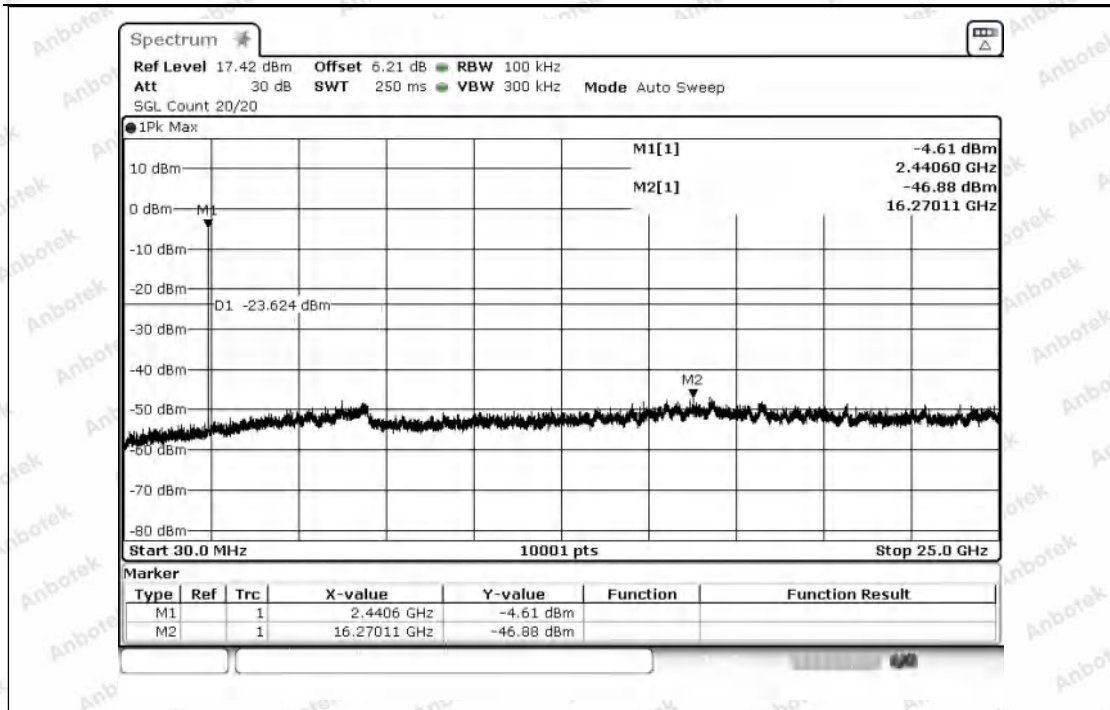


1_Reference_Level_NVNT_ANT1_2-DH5_2441

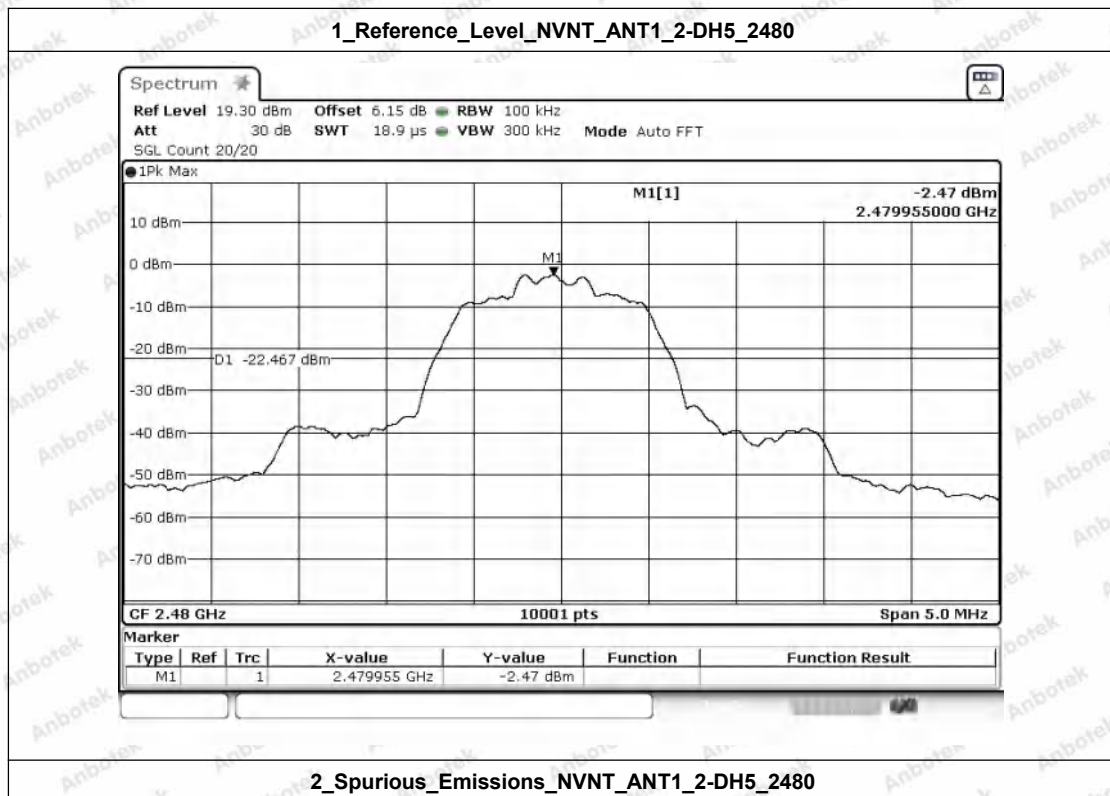


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441



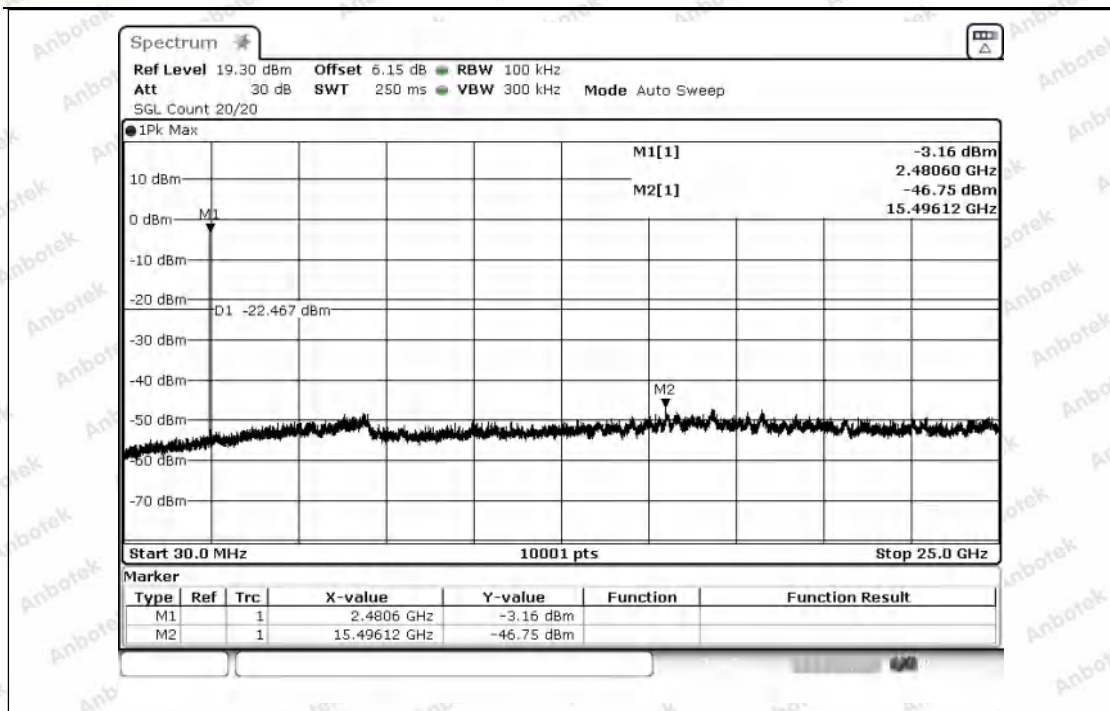


1_Reference_Level_NVNT_ANT1_2-DH5_2480

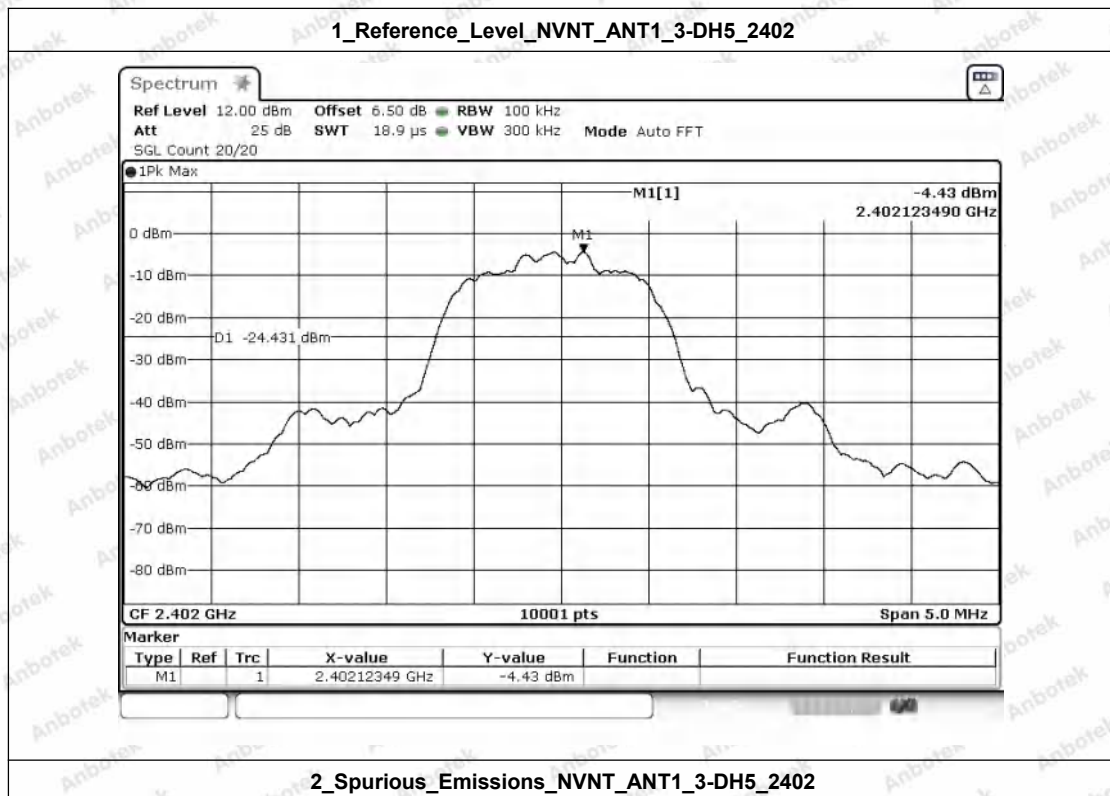


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480





1_Reference_Level_NVNT_ANT1_3-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402

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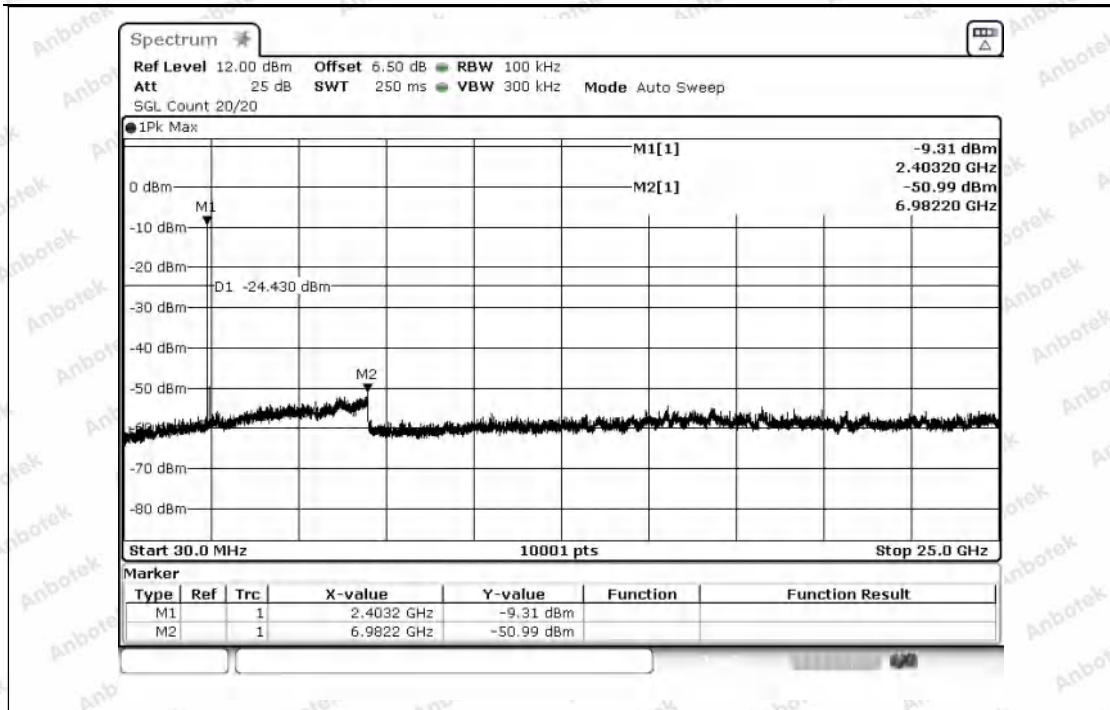
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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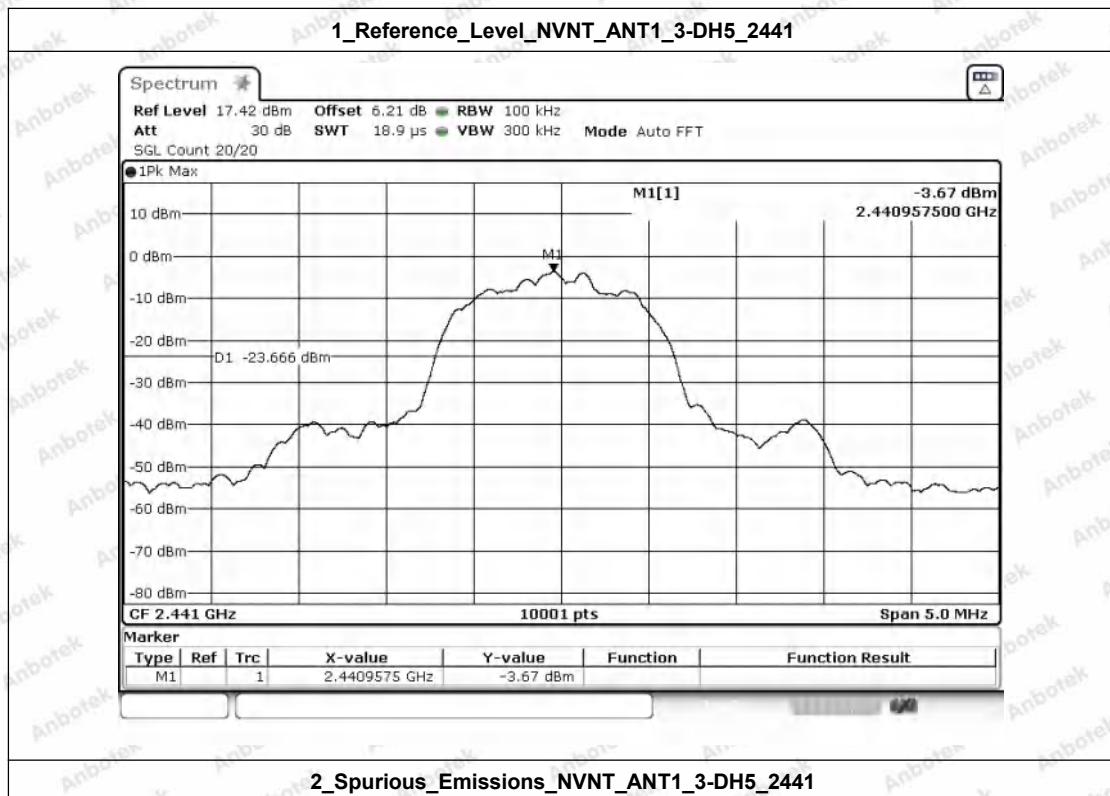
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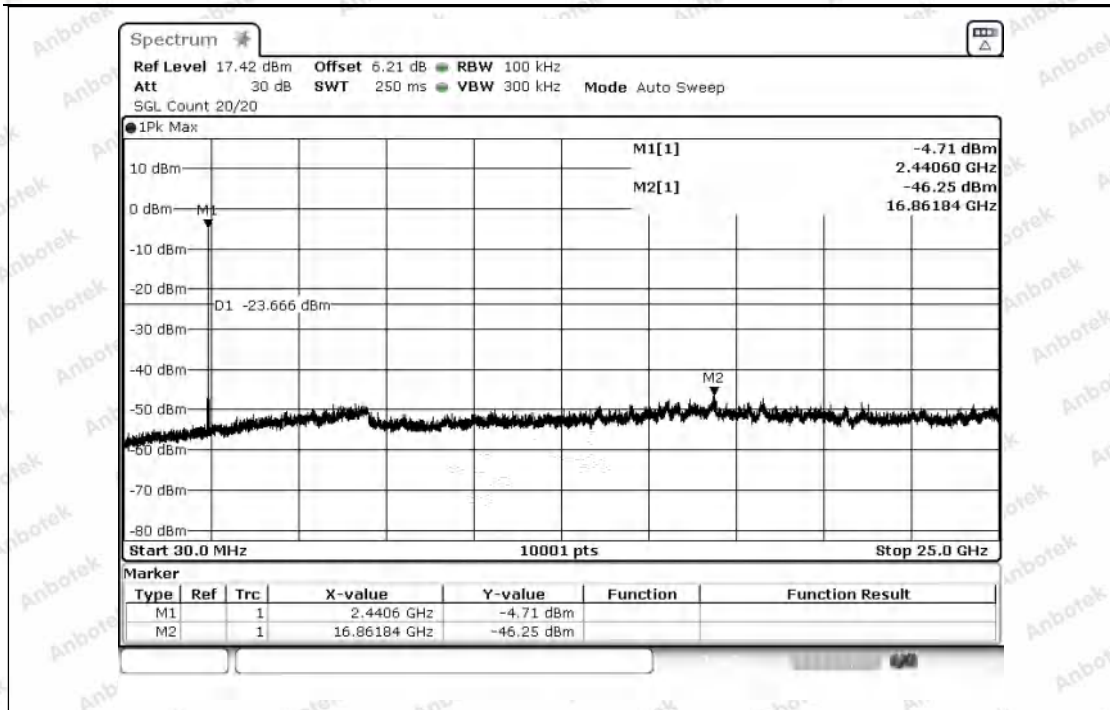


1_Reference_Level_NVNT_ANT1_3-DH5_2441

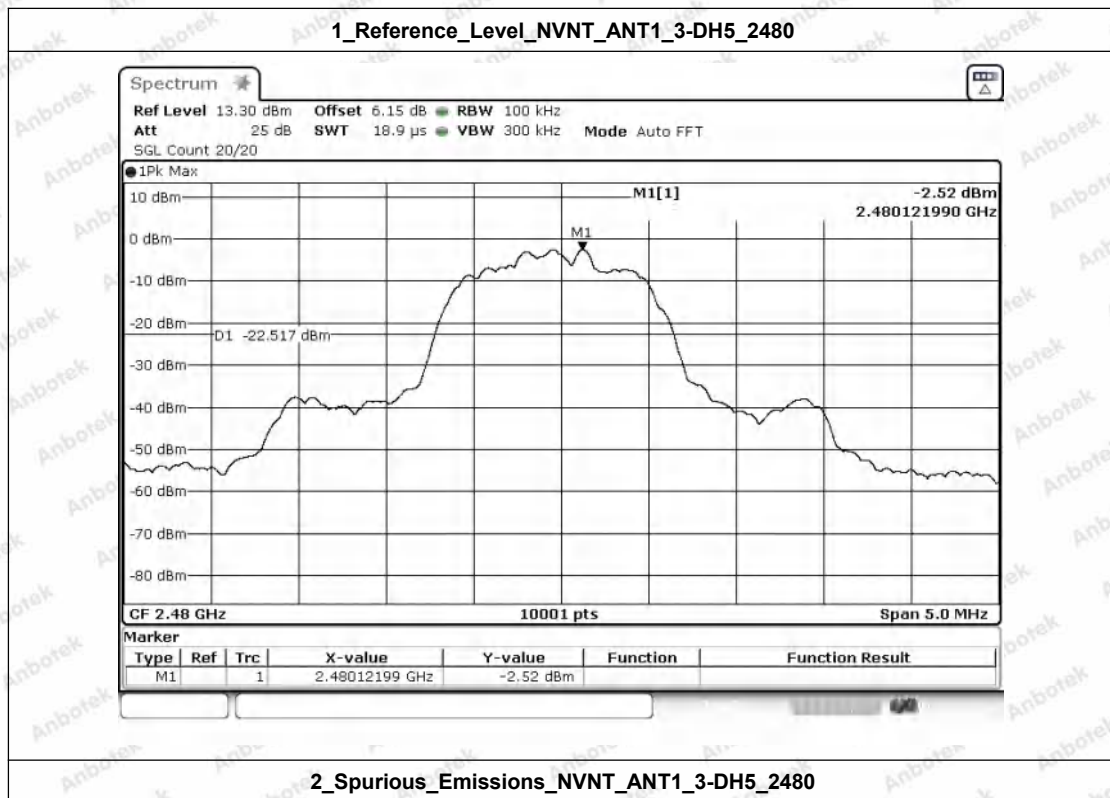


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441



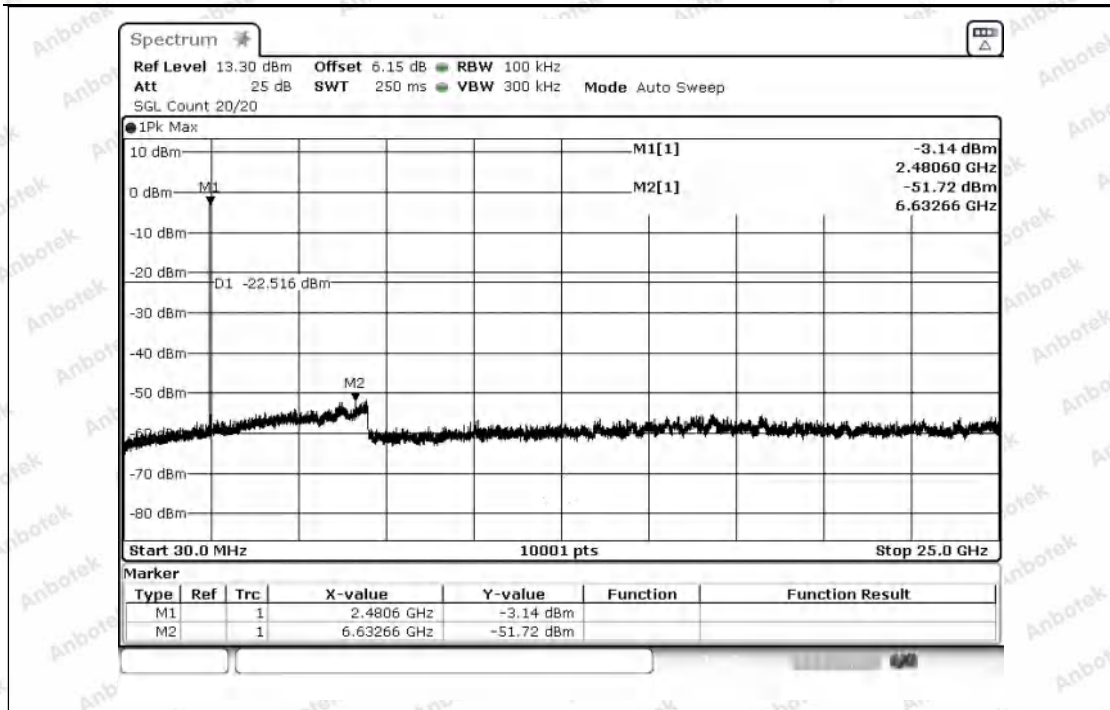


1_Reference_Level_NVNT_ANT1_3-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480



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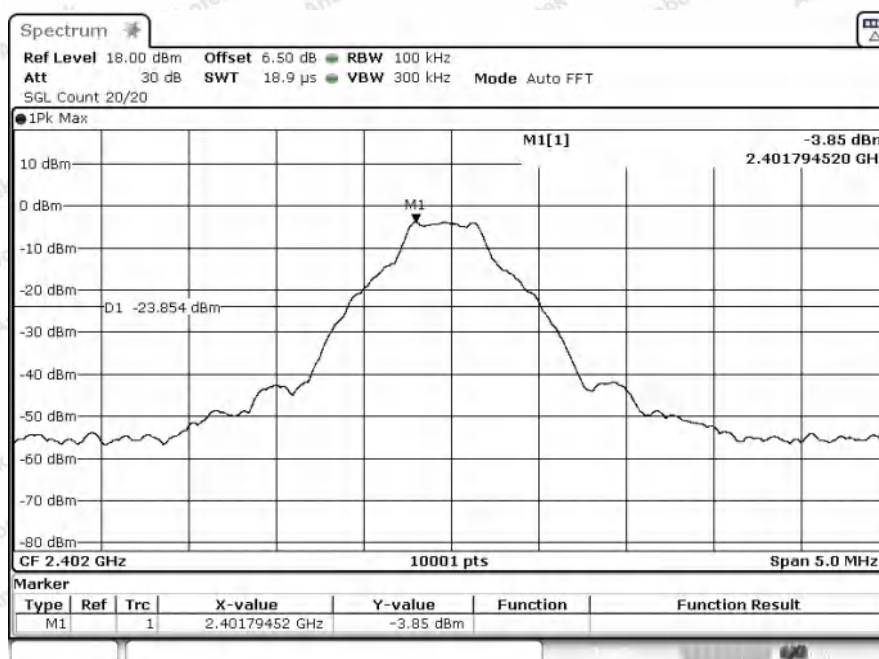
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Appendix E: Bandedge

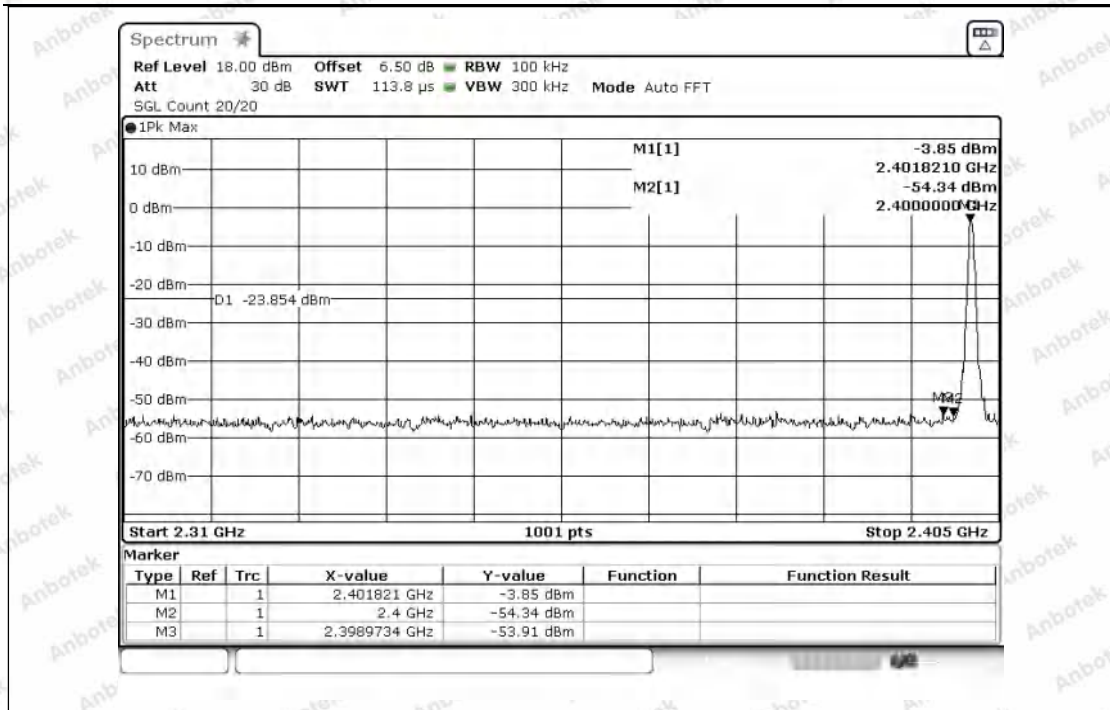
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-53.914	-23.854	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-58.340	-22.233	Pass
NVNT	ANT1	1-DH5	2480.00	-53.543	-22.496	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-57.674	-22.352	Pass
NVNT	ANT1	2-DH5	2402.00	-56.285	-24.445	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-58.251	-22.594	Pass
NVNT	ANT1	2-DH5	2480.00	-53.854	-22.467	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-57.118	-22.945	Pass
NVNT	ANT1	3-DH5	2402.00	-57.295	-24.430	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-57.047	-23.099	Pass
NVNT	ANT1	3-DH5	2480.00	-57.329	-22.516	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-57.569	-22.331	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402

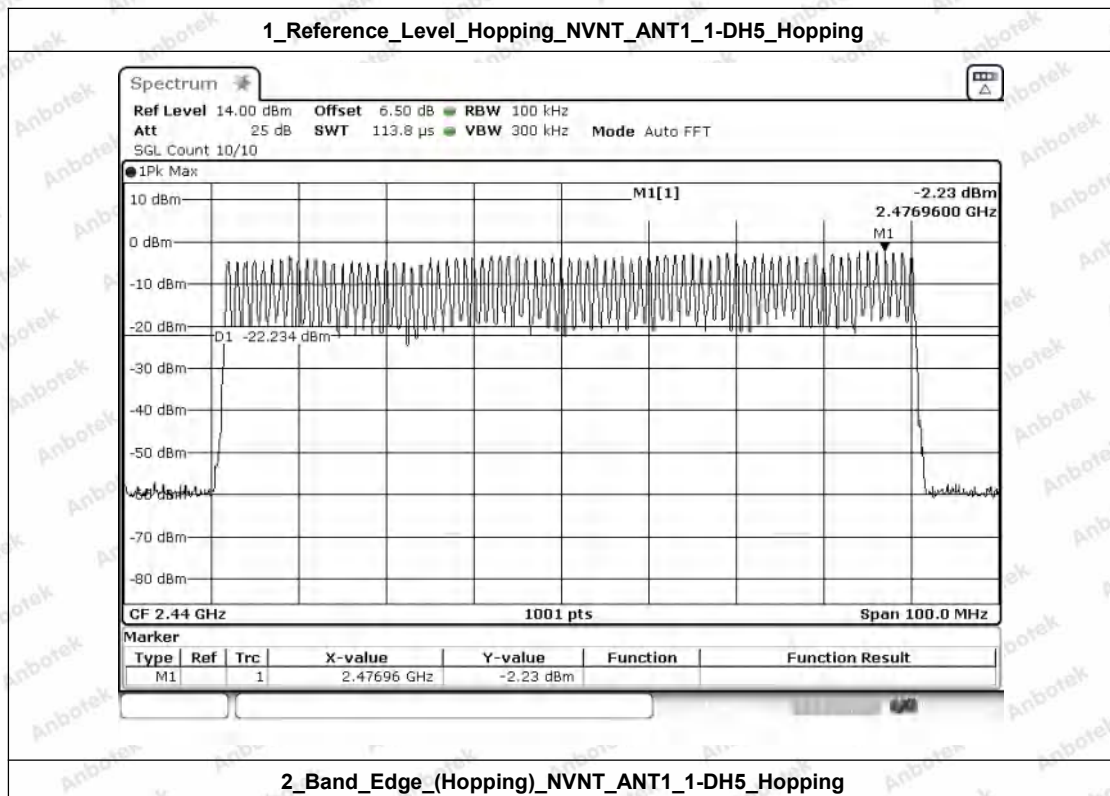


2_Bandedge_NVNT_ANT1_1-DH5_2402



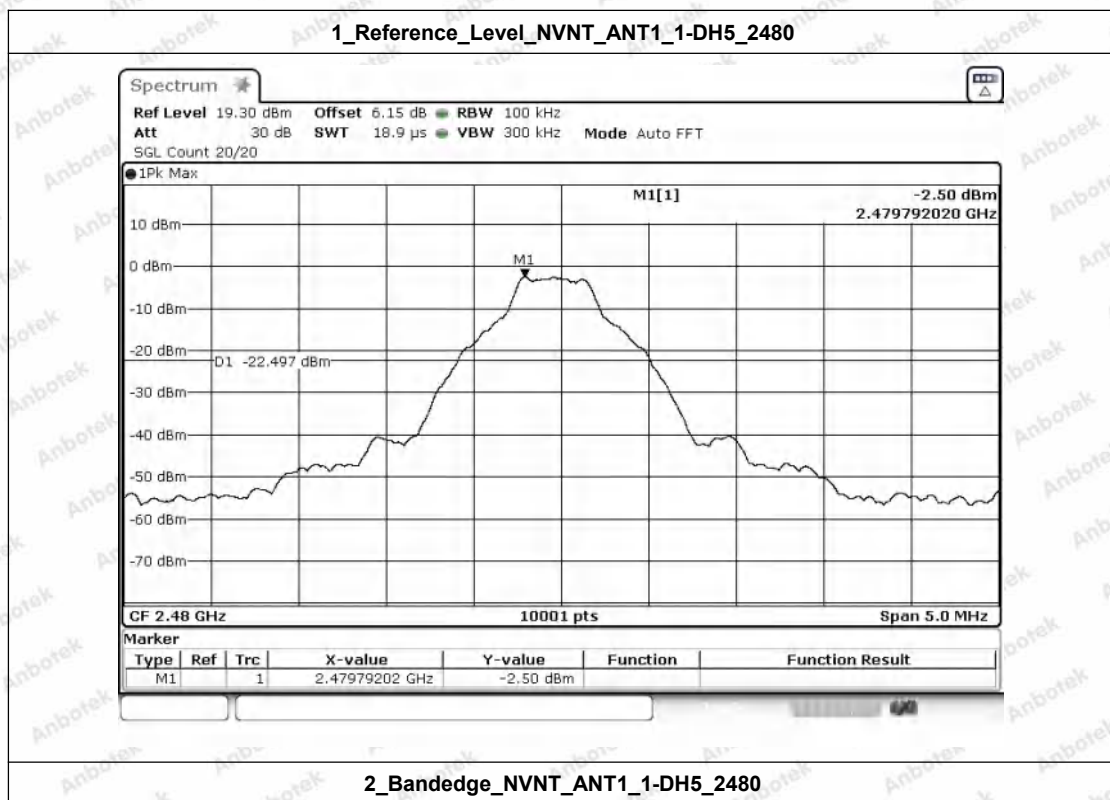
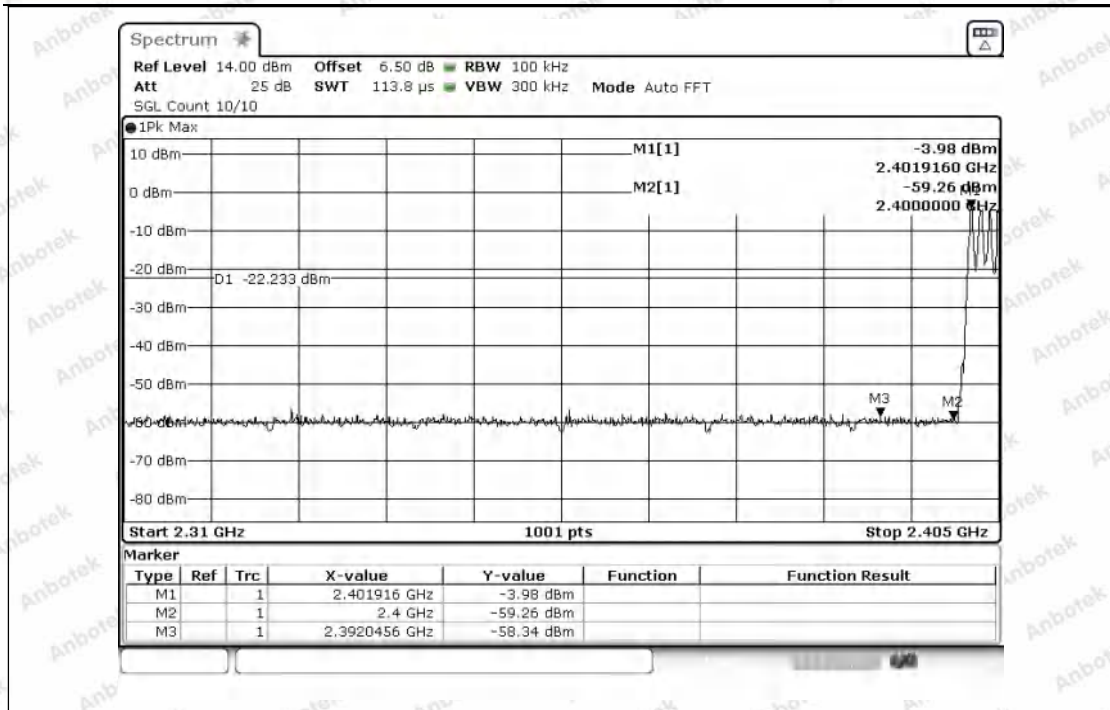


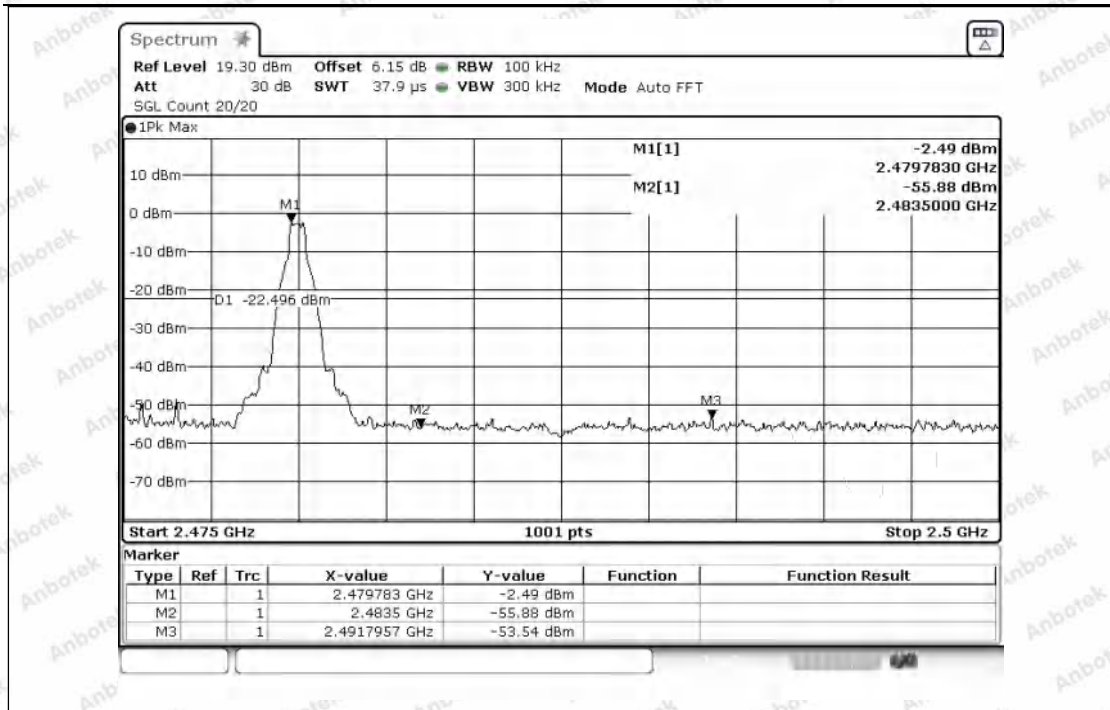
1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



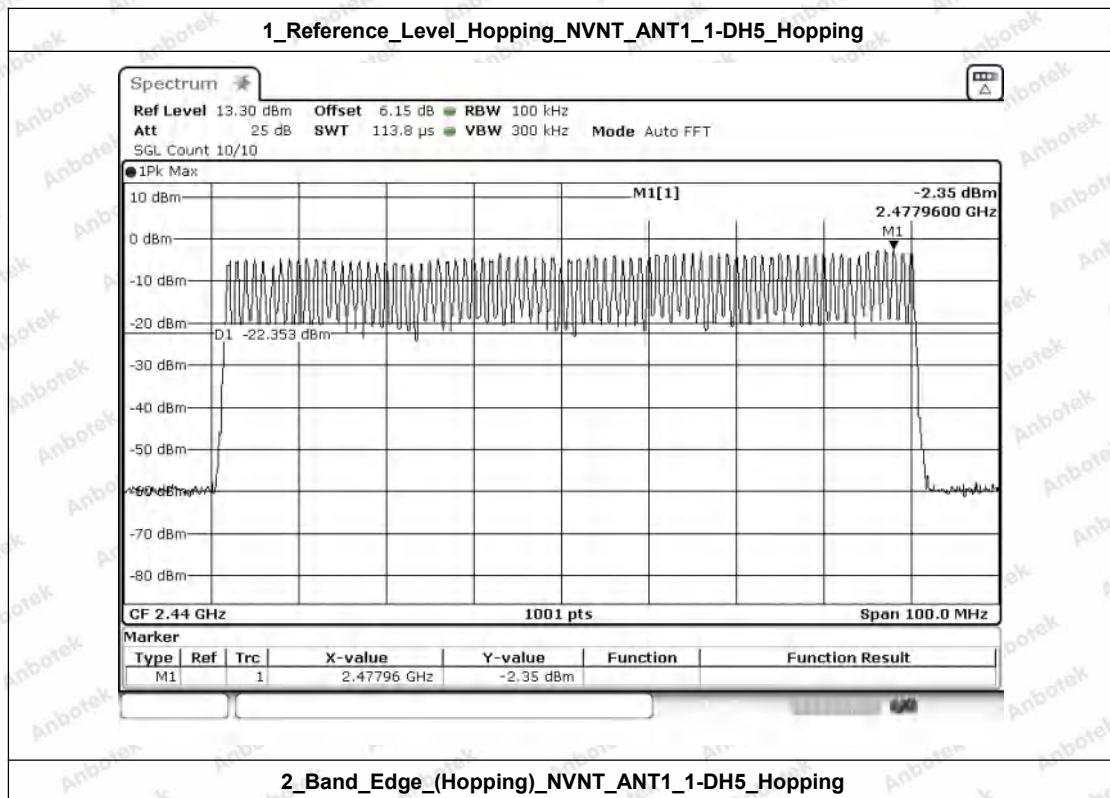
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping







1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

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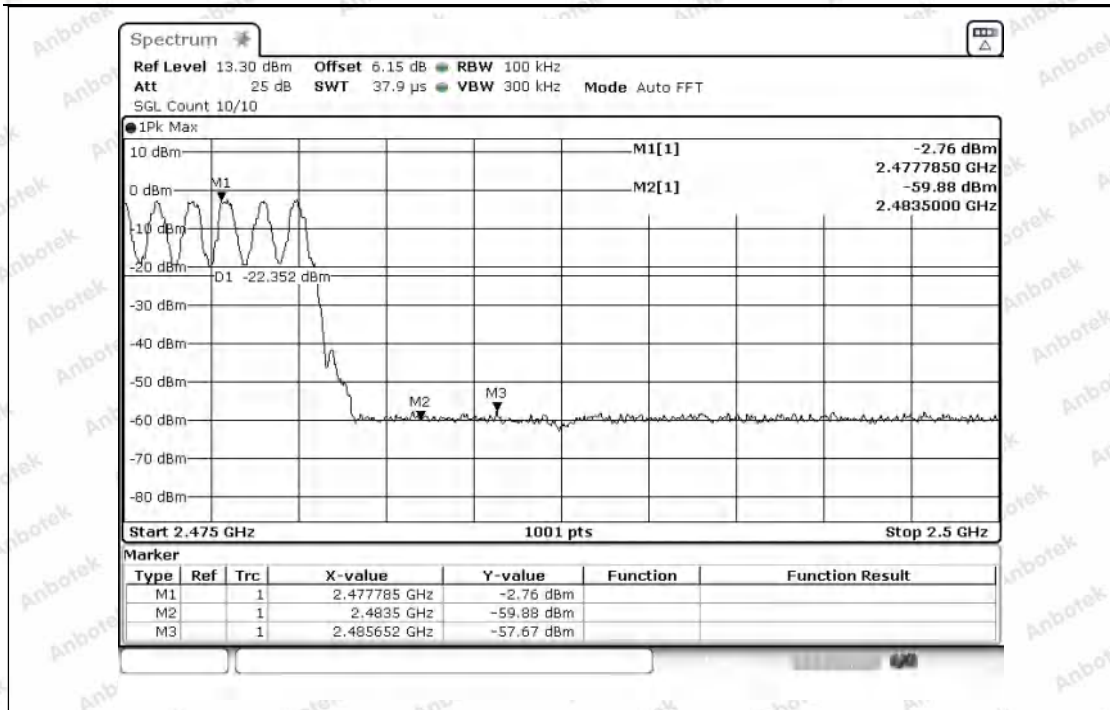
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



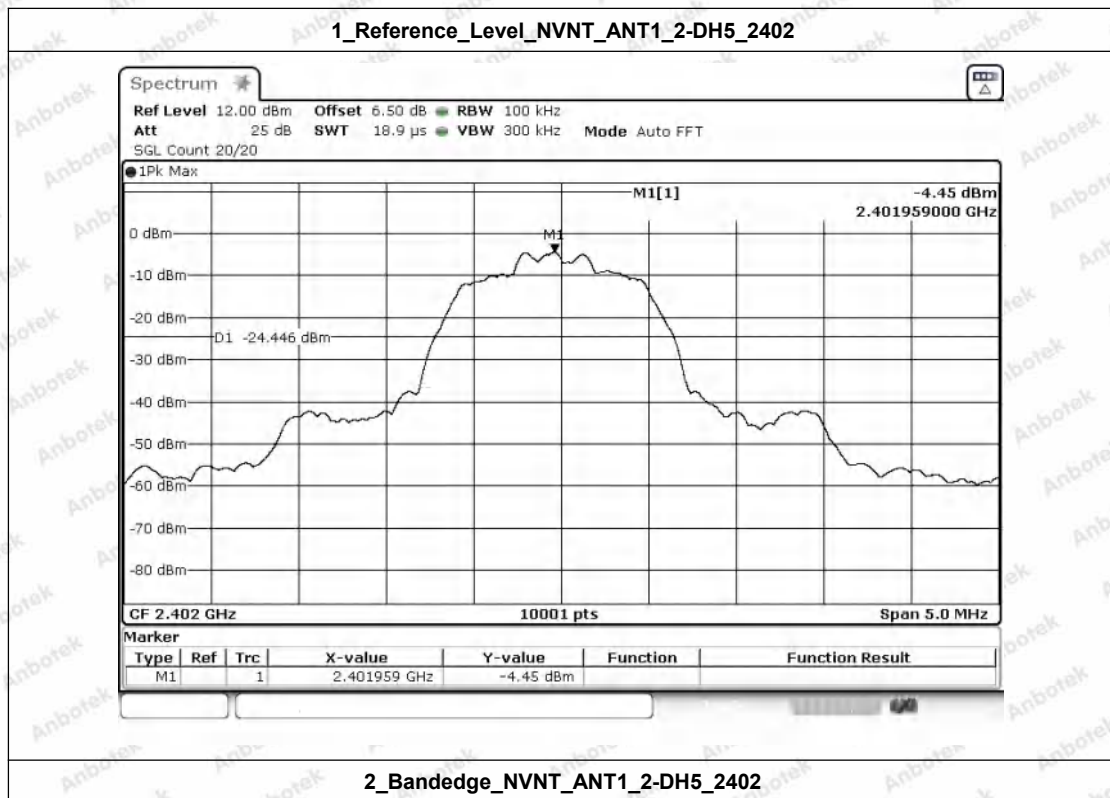
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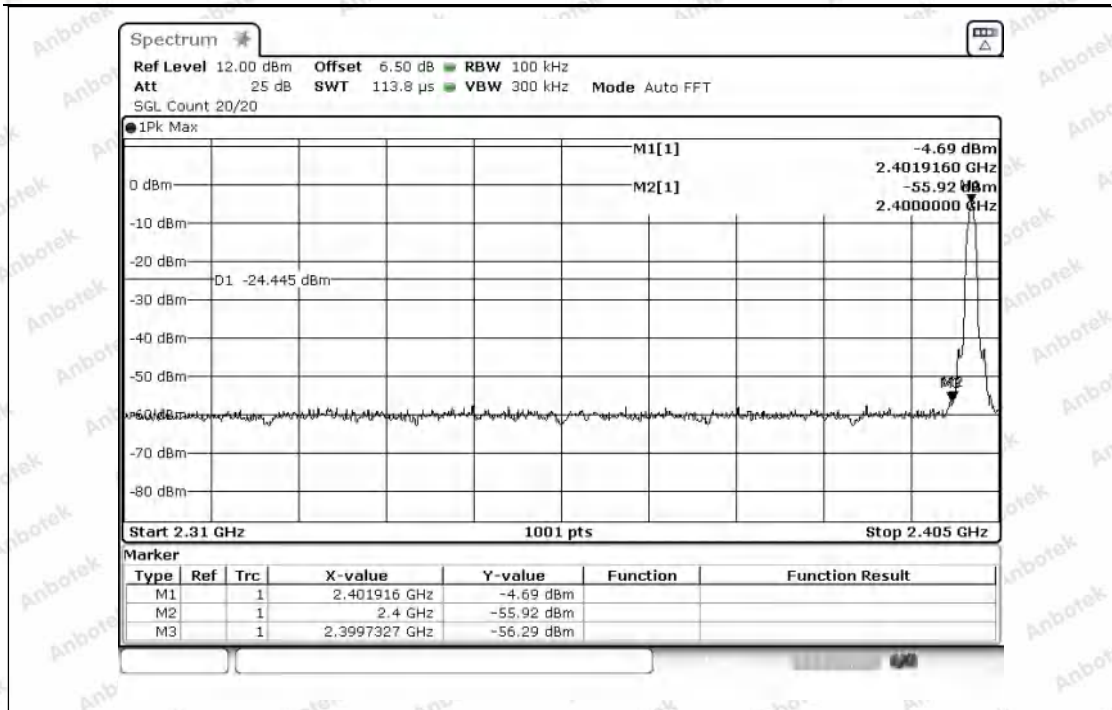


1_Reference_Level_NVNT_ANT1_2-DH5_2402

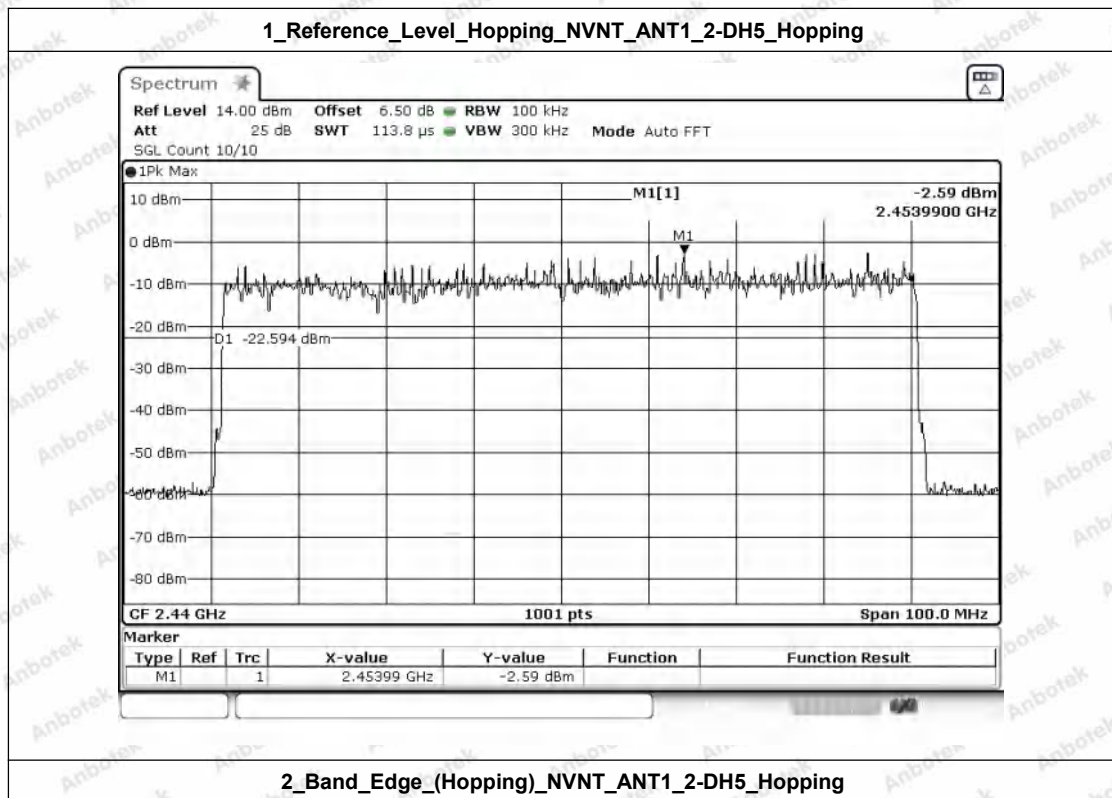


2_Bandedge_NVNT_ANT1_2-DH5_2402



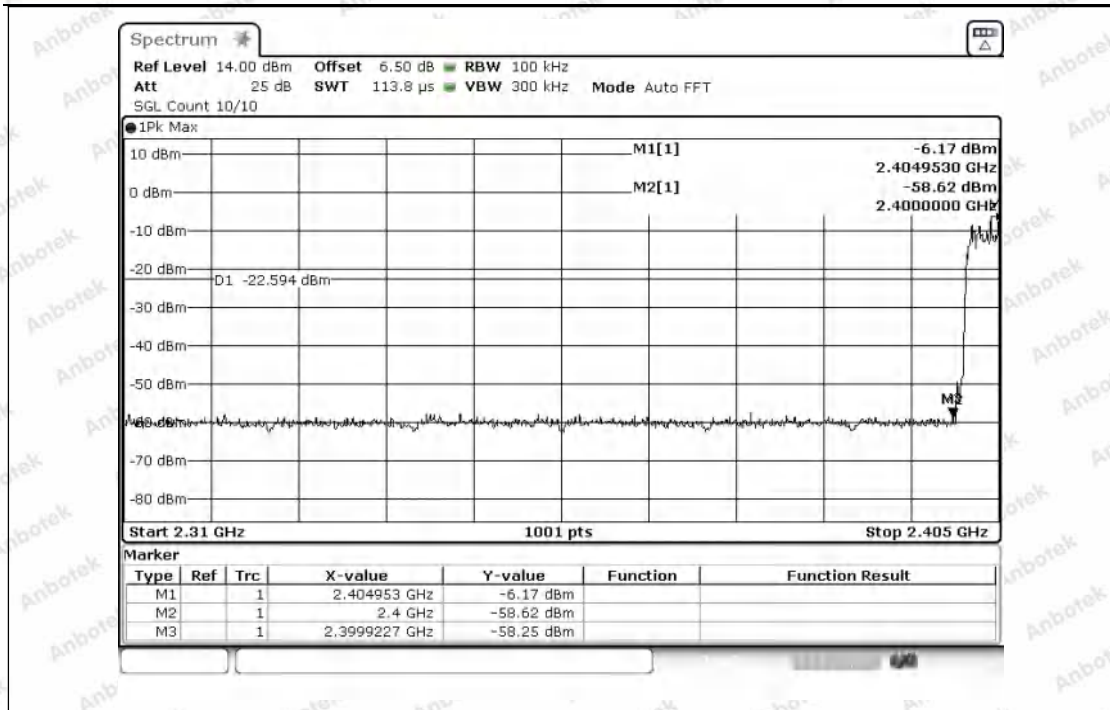


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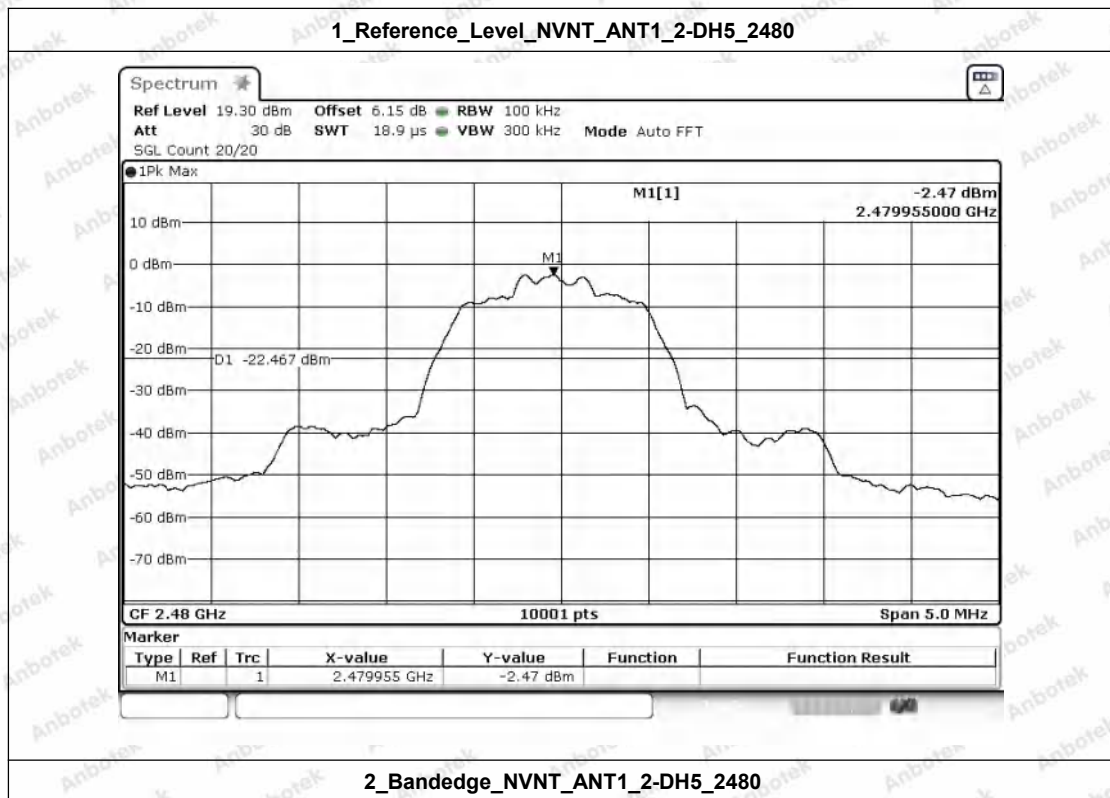


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



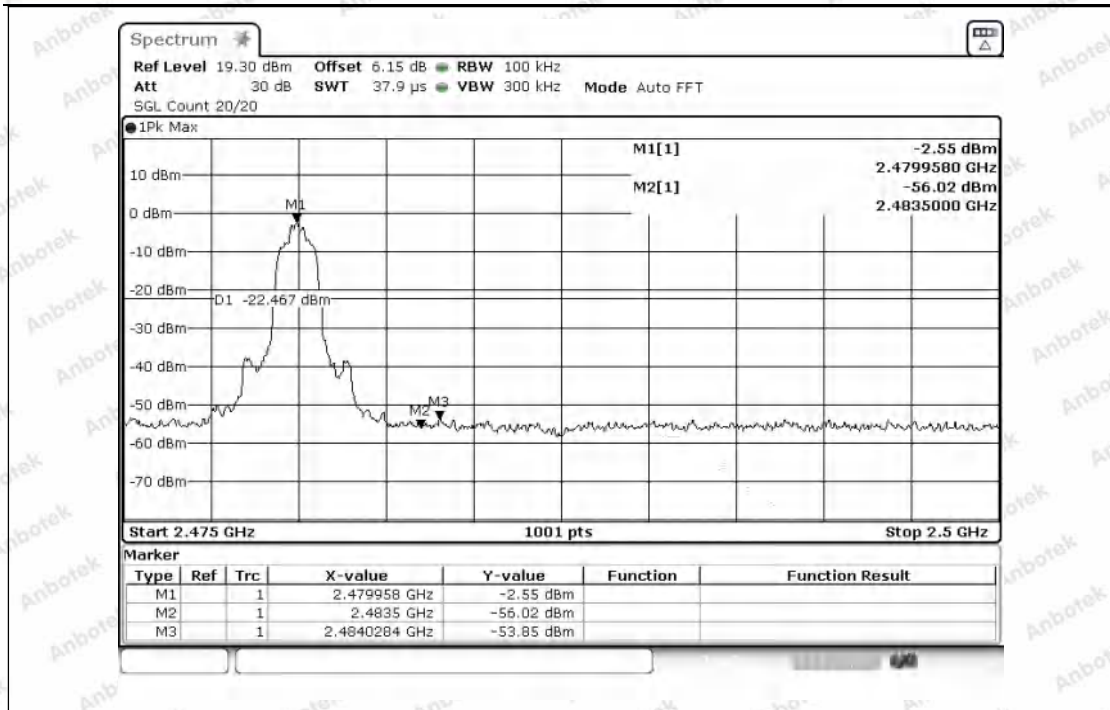


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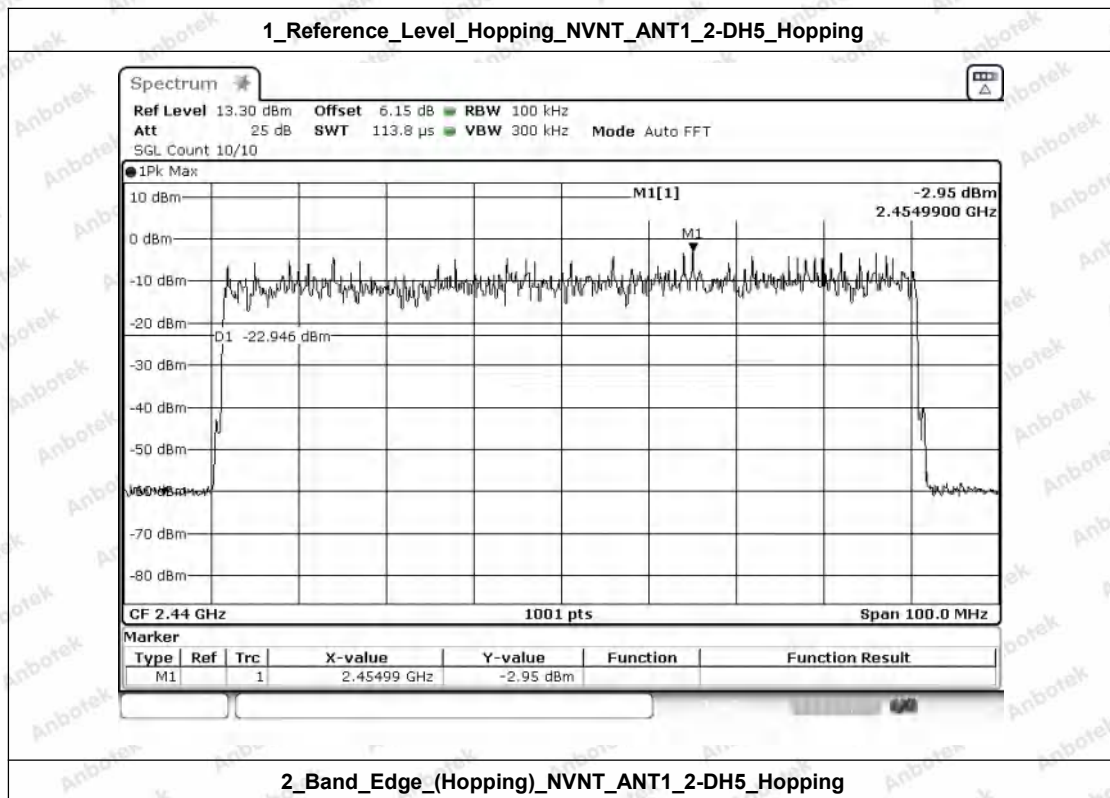


2_Bandedge_NVNT_ANT1_2-DH5_2480





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

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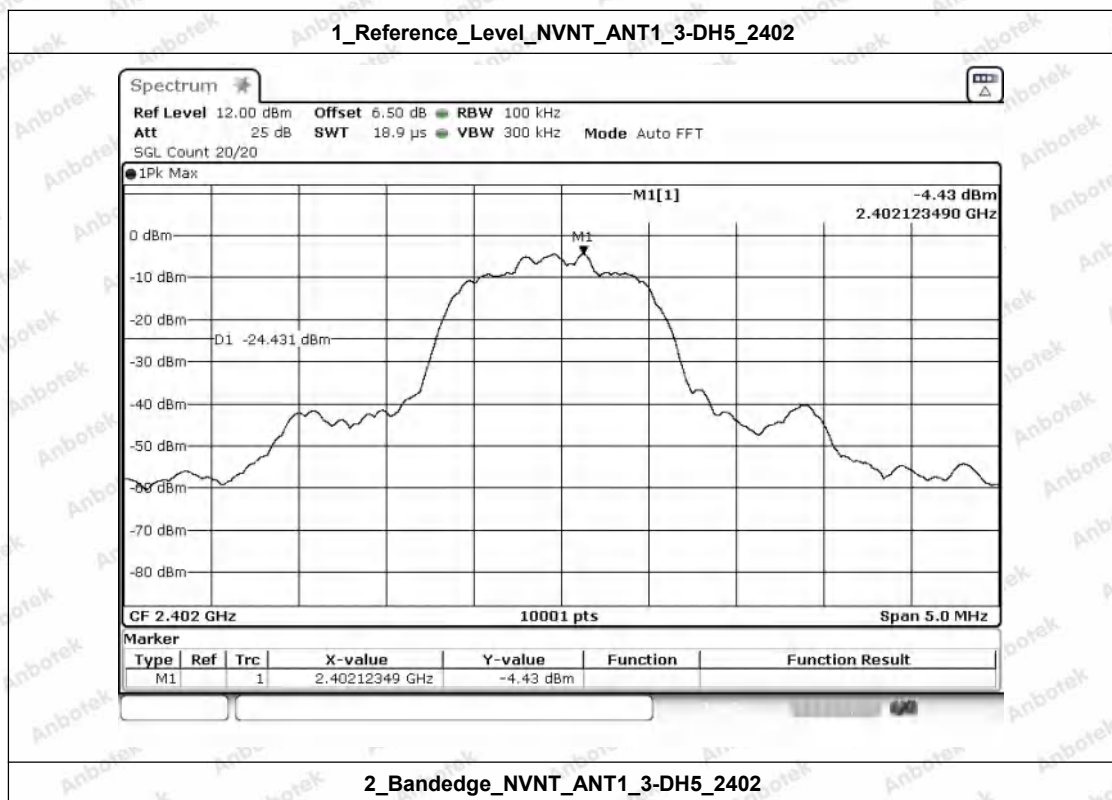
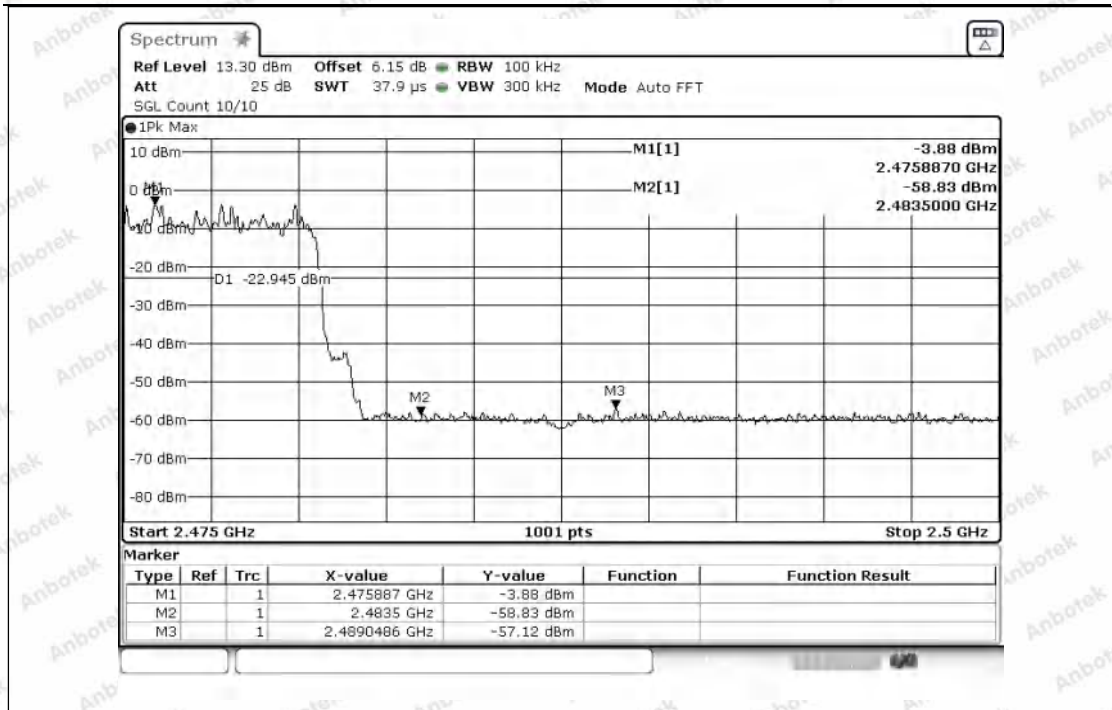
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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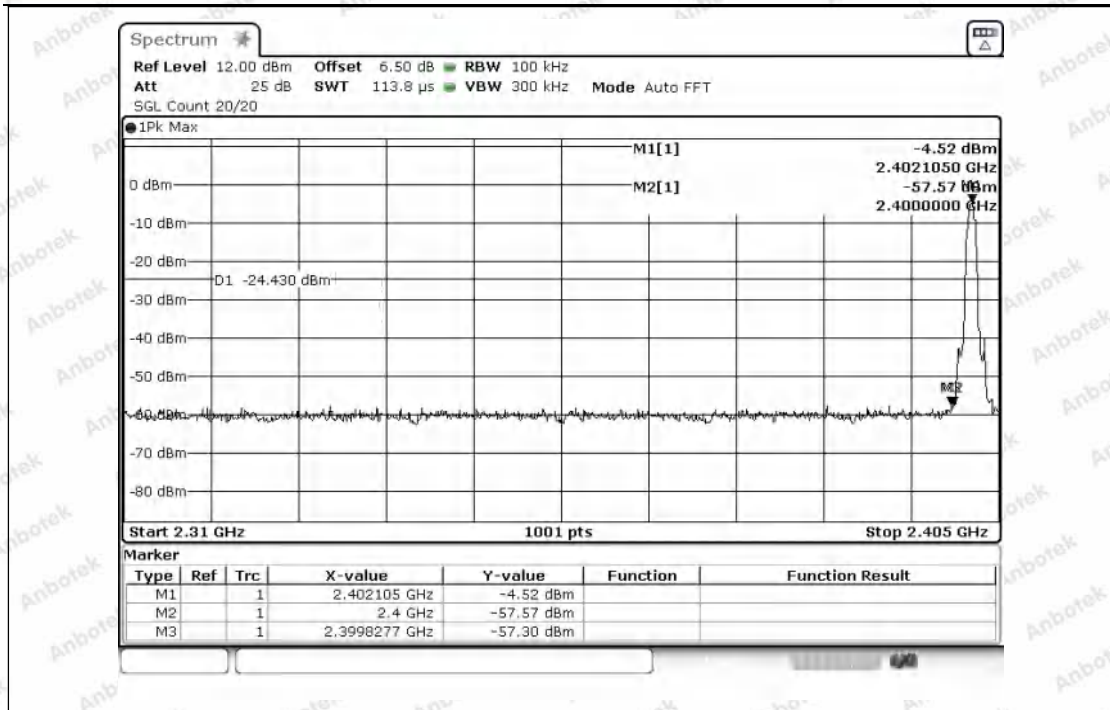
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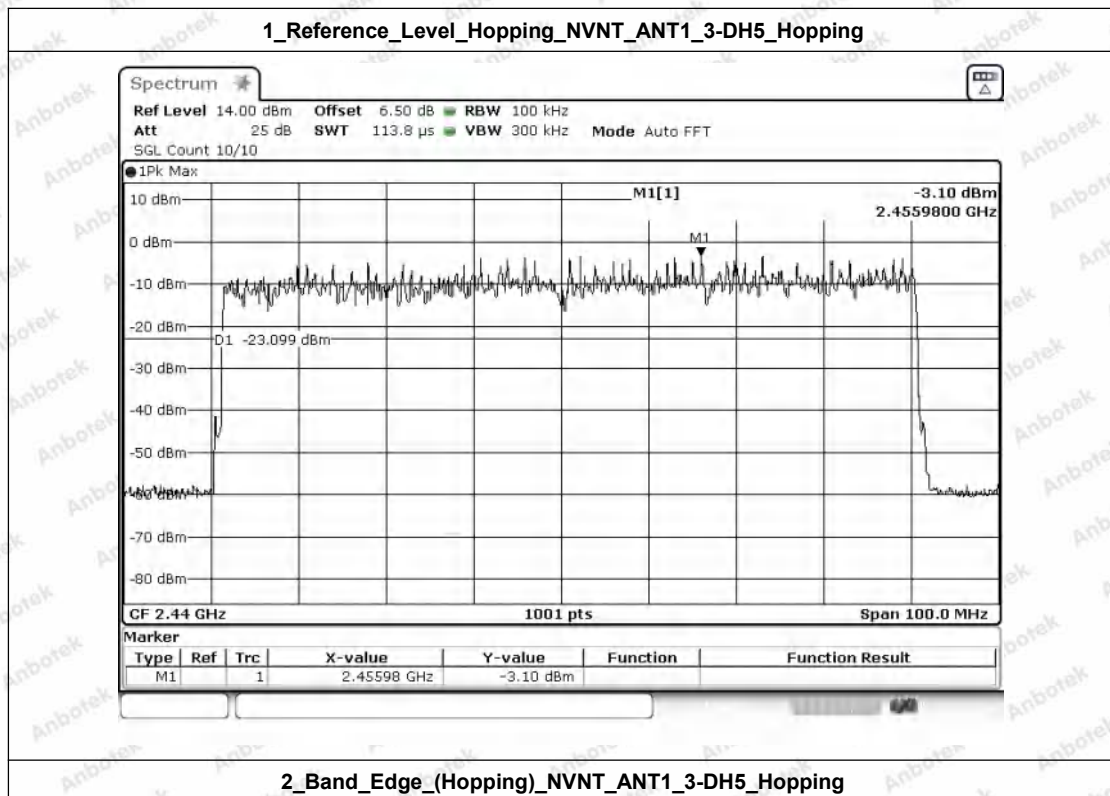


2_Bandedge_NVNT_ANT1_3-DH5_2402



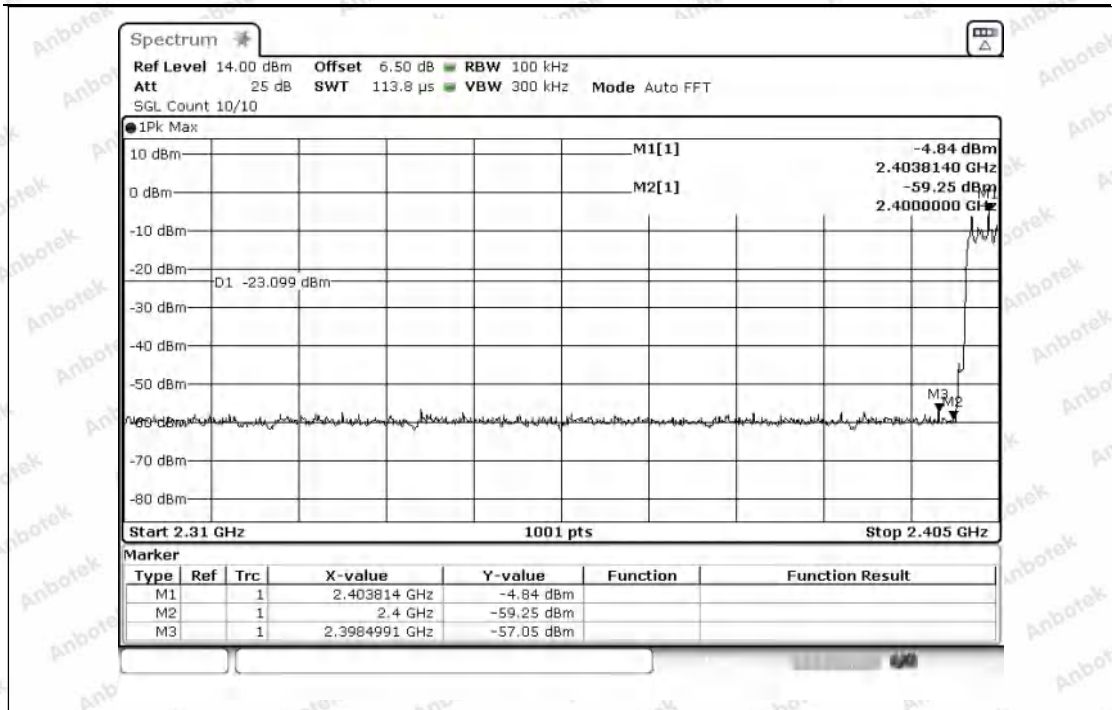


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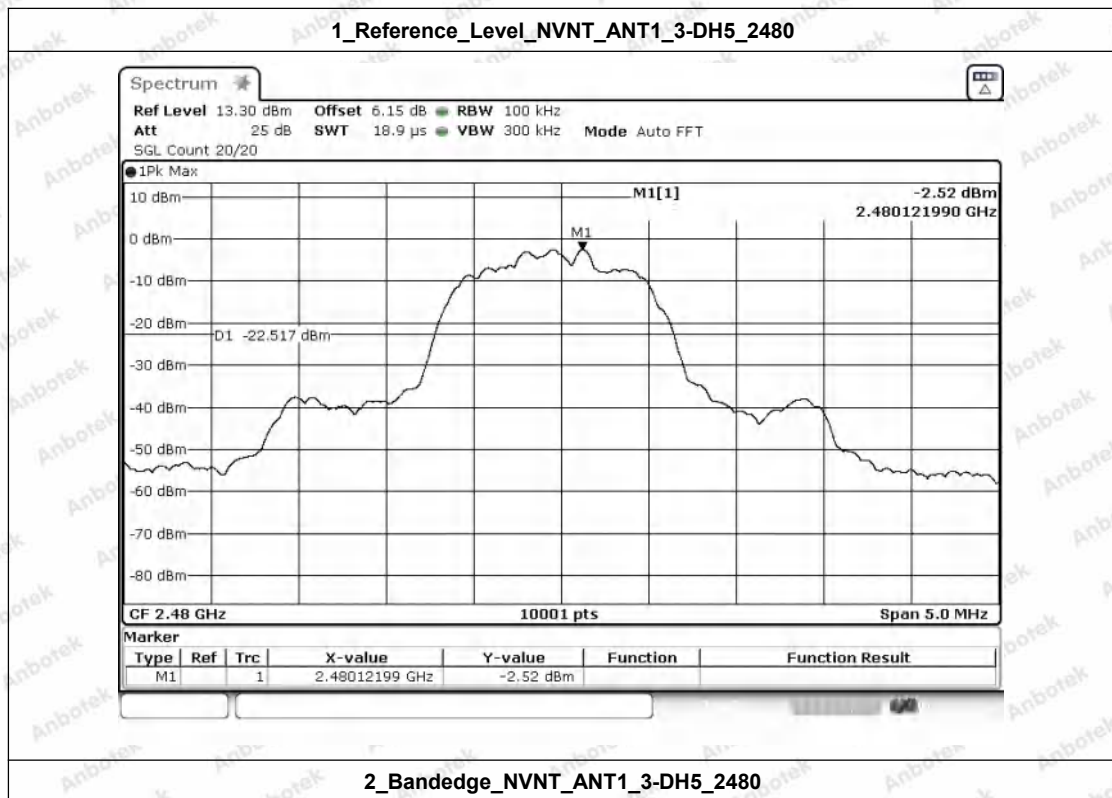


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



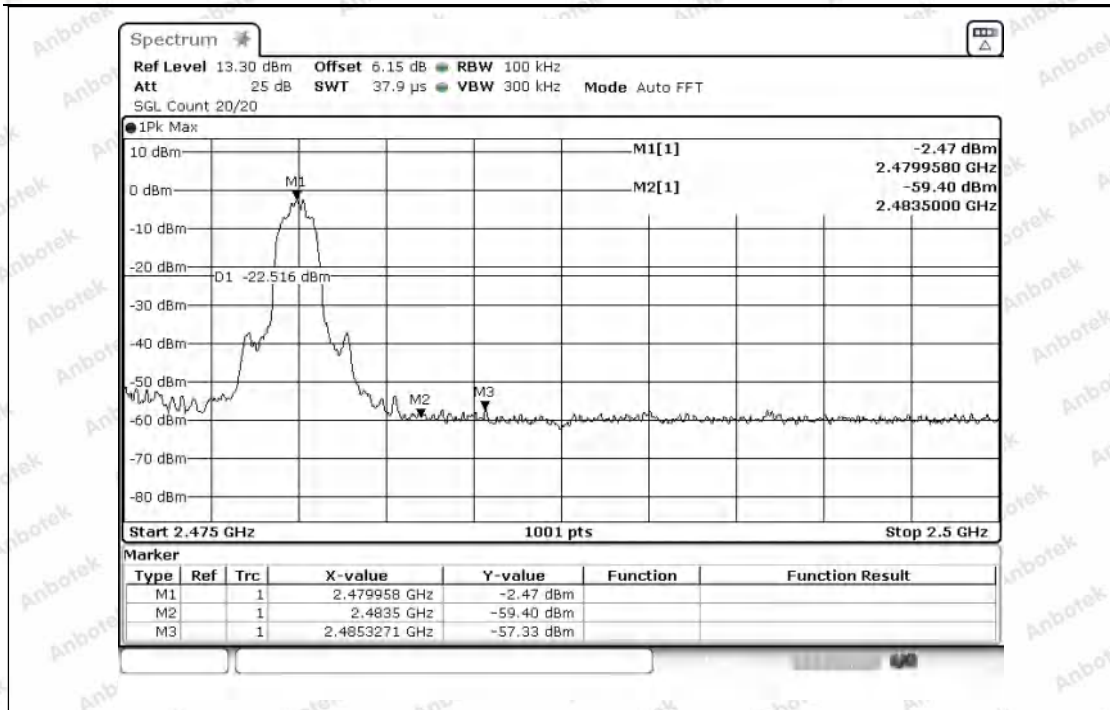


1_Reference_Level_NVNT_ANT1_3-DH5_2480

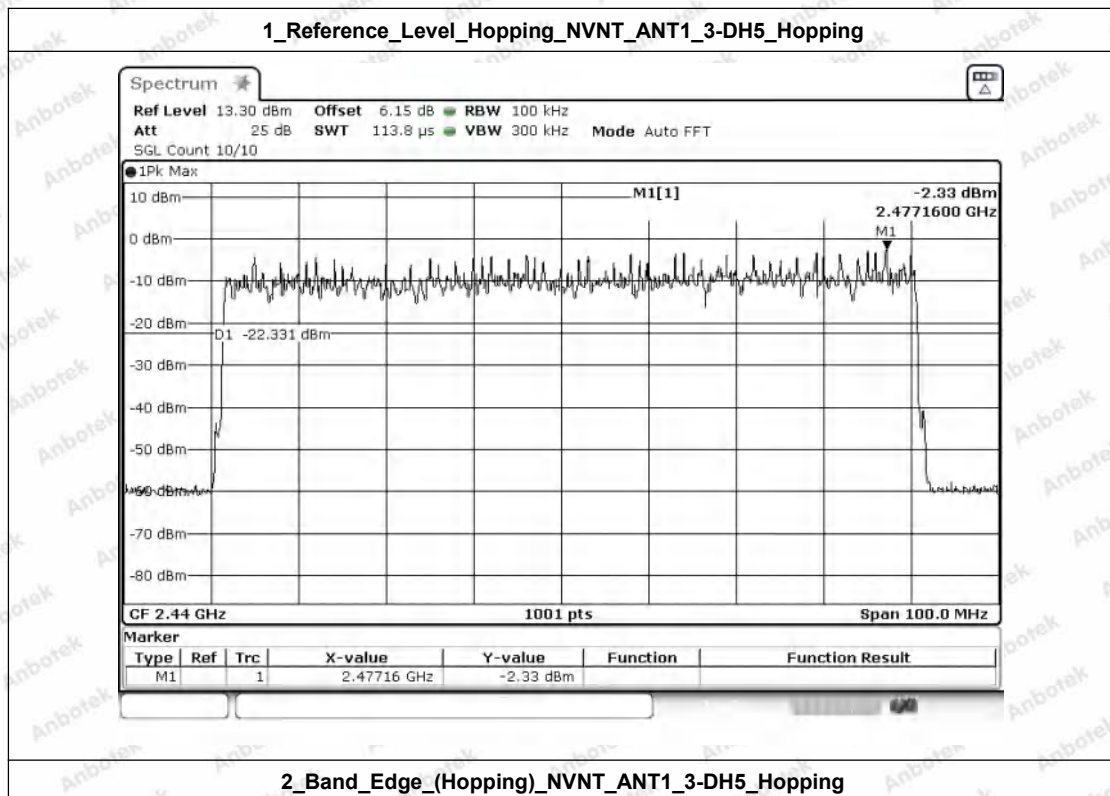


2_Bandedge_NVNT_ANT1_3-DH5_2480



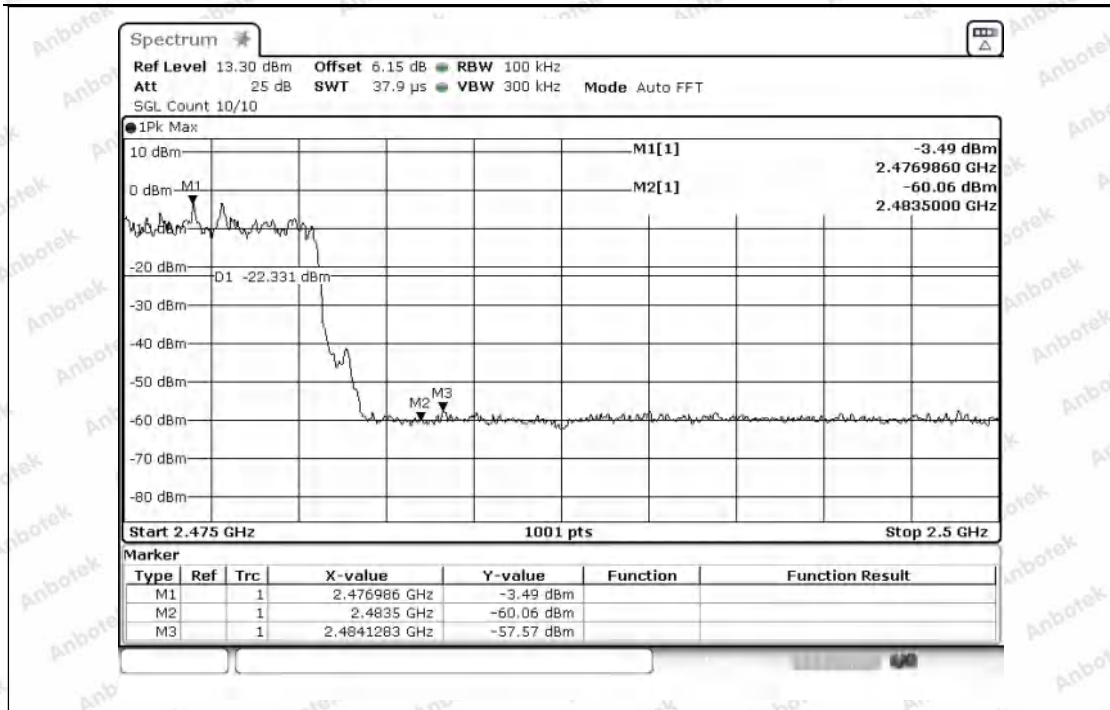


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping





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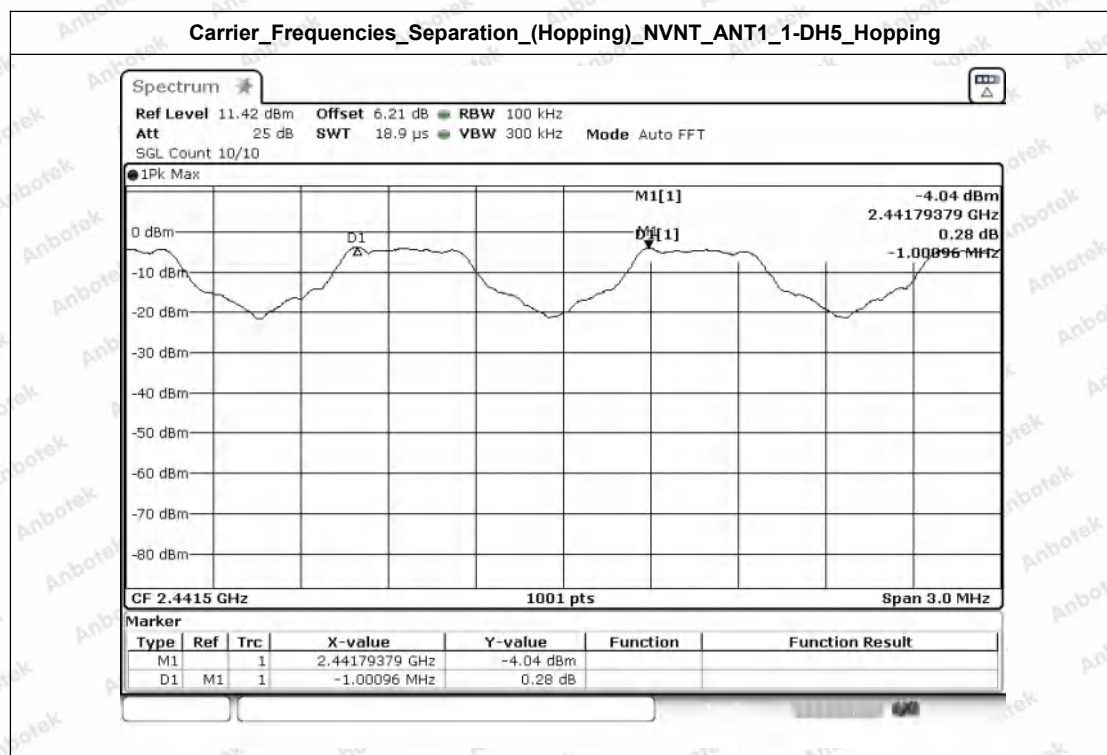


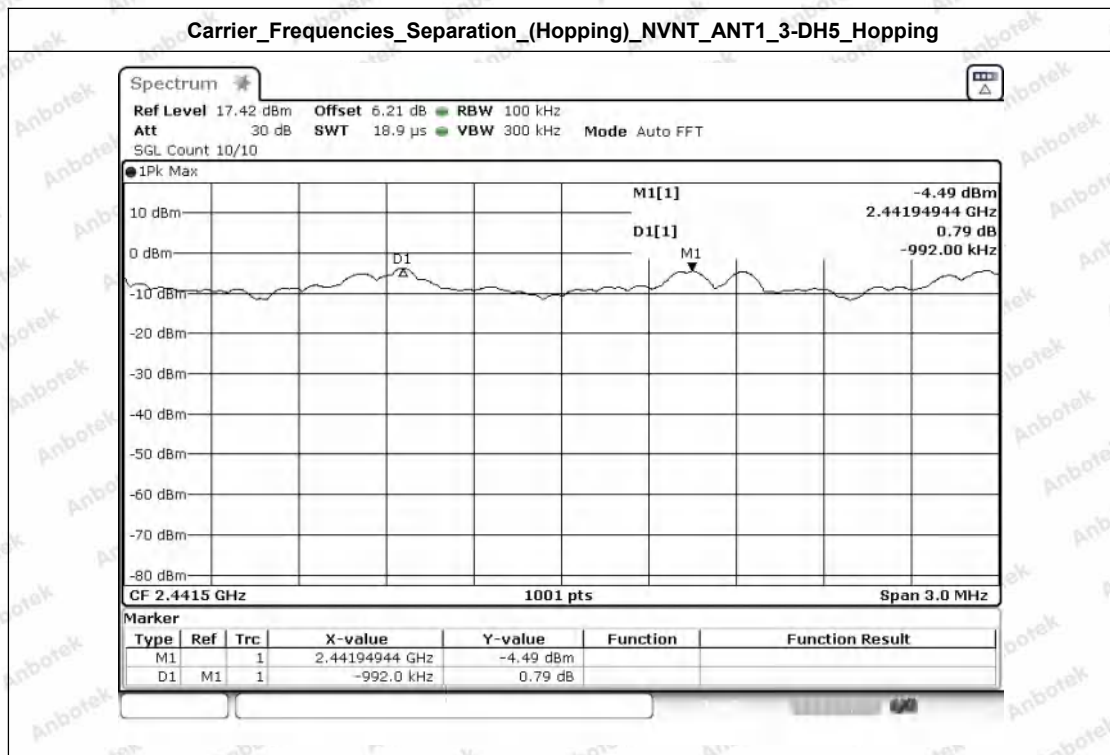
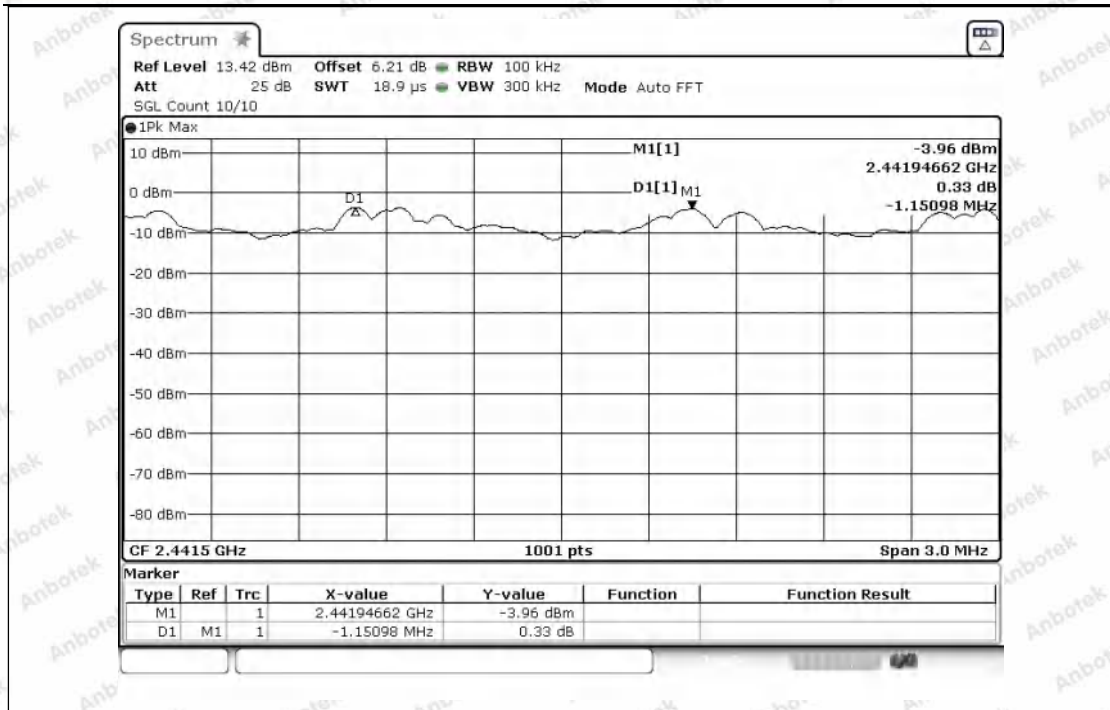
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Appendix F: Carrier Frequencies Separation (Hopping)

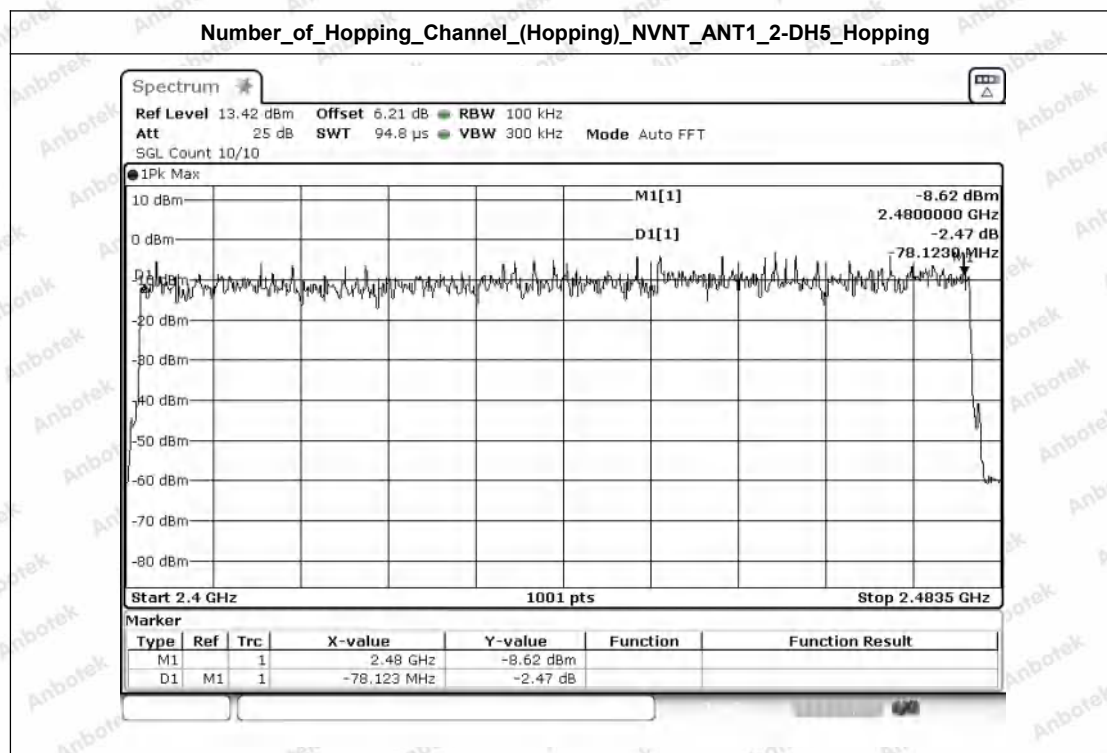
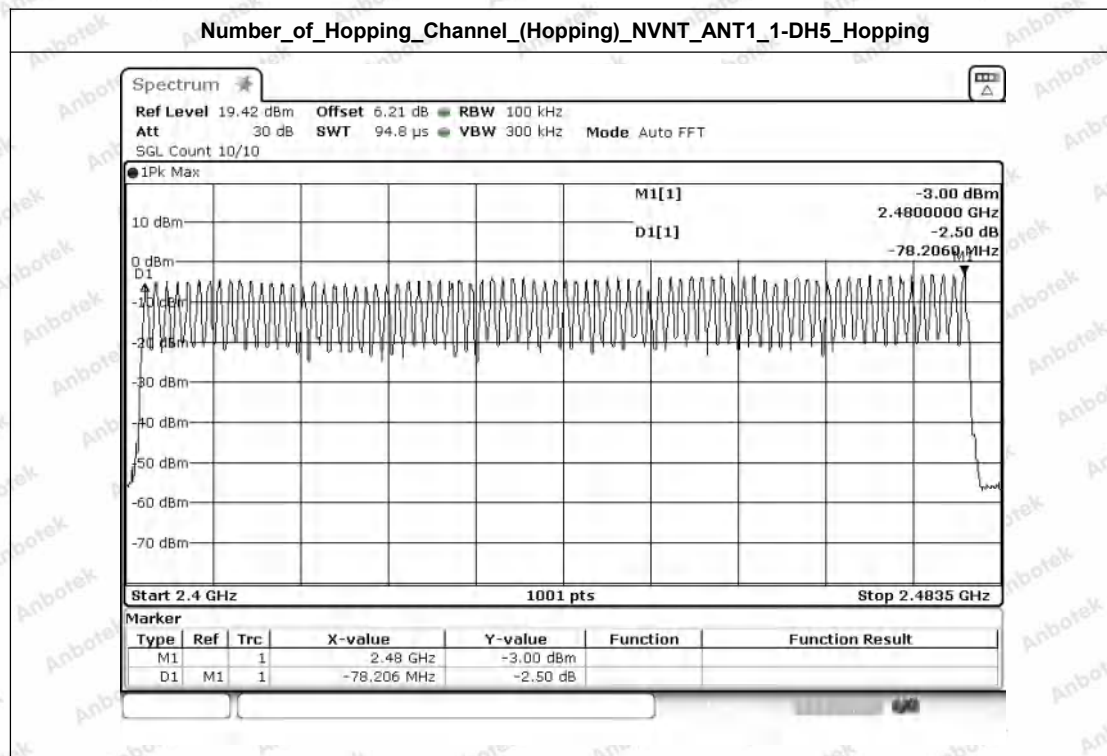
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2440.793	2441.794	1.00	0.980	Pass
NVNT	ANT1	2-DH5	2441.00	2440.796	2441.947	1.15	0.851	Pass
NVNT	ANT1	3-DH5	2441.00	2440.957	2441.949	0.99	0.849	Pass

**Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping**

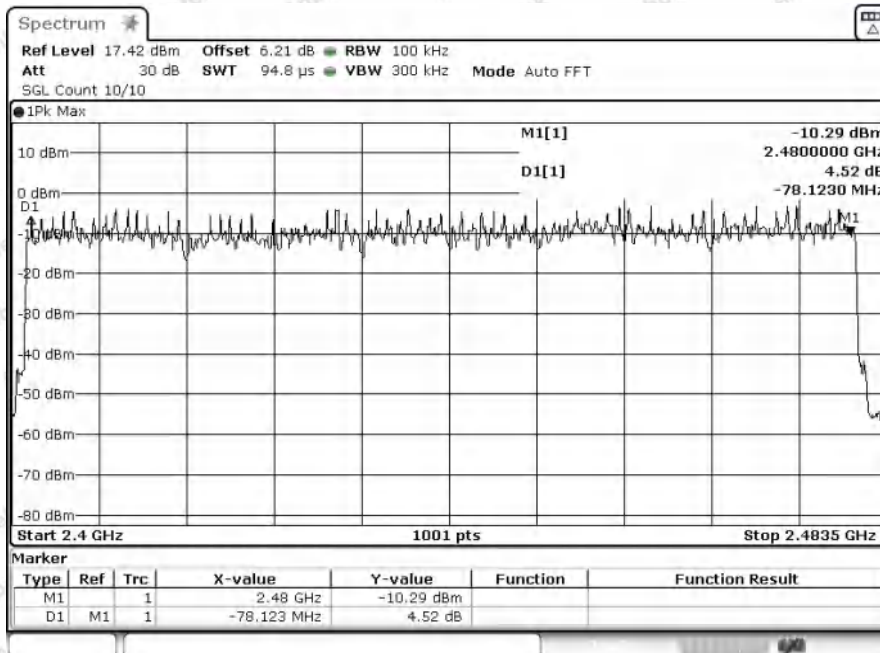


Appendix G: Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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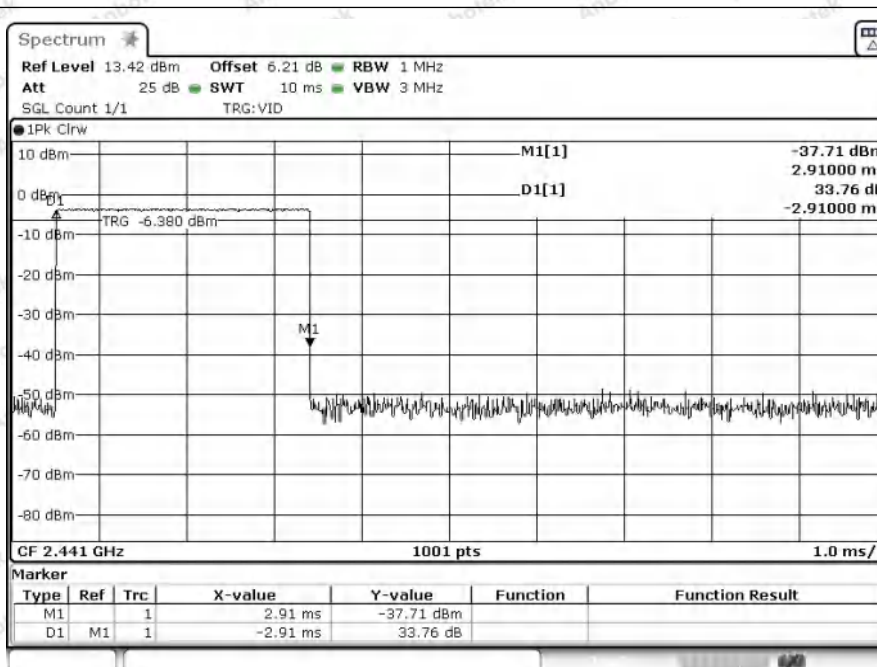
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Appendix H: Dwell Time (Hopping)

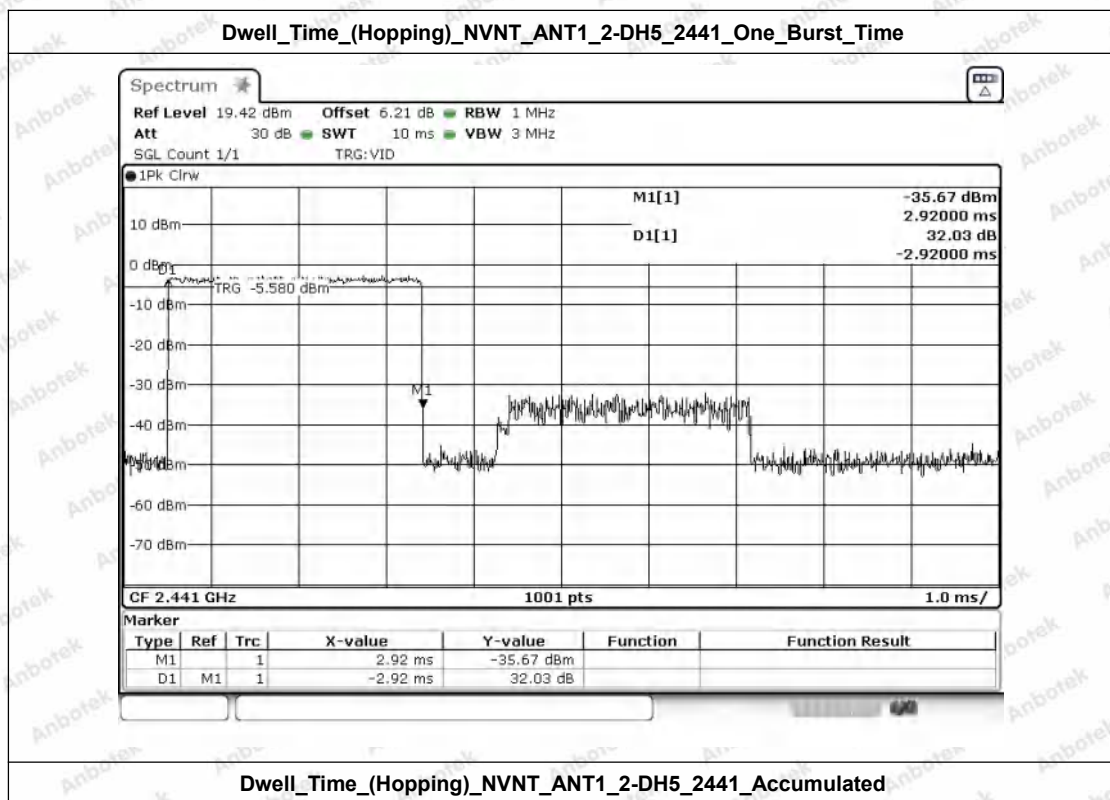
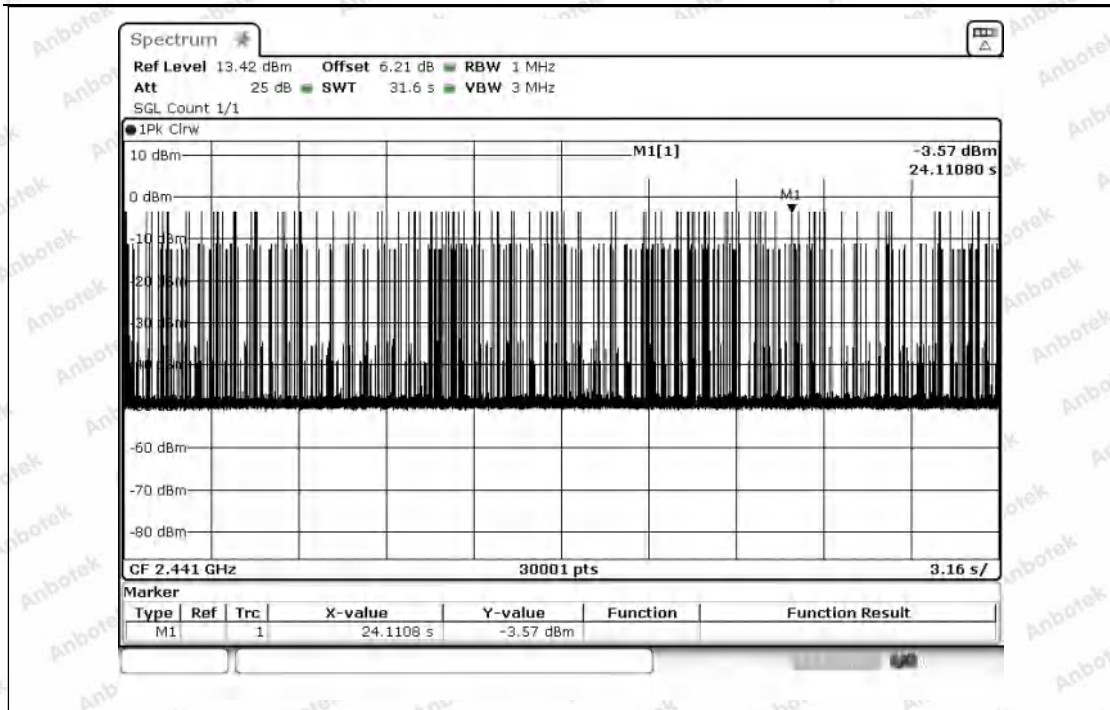
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.910	116.00	337.560	0.40	Pass
NVNT	ANT1	2-DH5	2.920	87.00	254.040	0.40	Pass
NVNT	ANT1	3-DH5	2.930	104.00	304.720	0.40	Pass
NVNT	ANT1	1-DH1	0.420	319.00	133.980	0.40	Pass
NVNT	ANT1	1-DH3	1.680	164.00	275.520	0.40	Pass
NVNT	ANT1	2-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	2-DH3	1.680	158.00	265.440	0.40	Pass
NVNT	ANT1	3-DH1	0.420	320.00	134.400	0.40	Pass
NVNT	ANT1	3-DH3	1.670	163.00	272.210	0.40	Pass

Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_One_Burst_Time



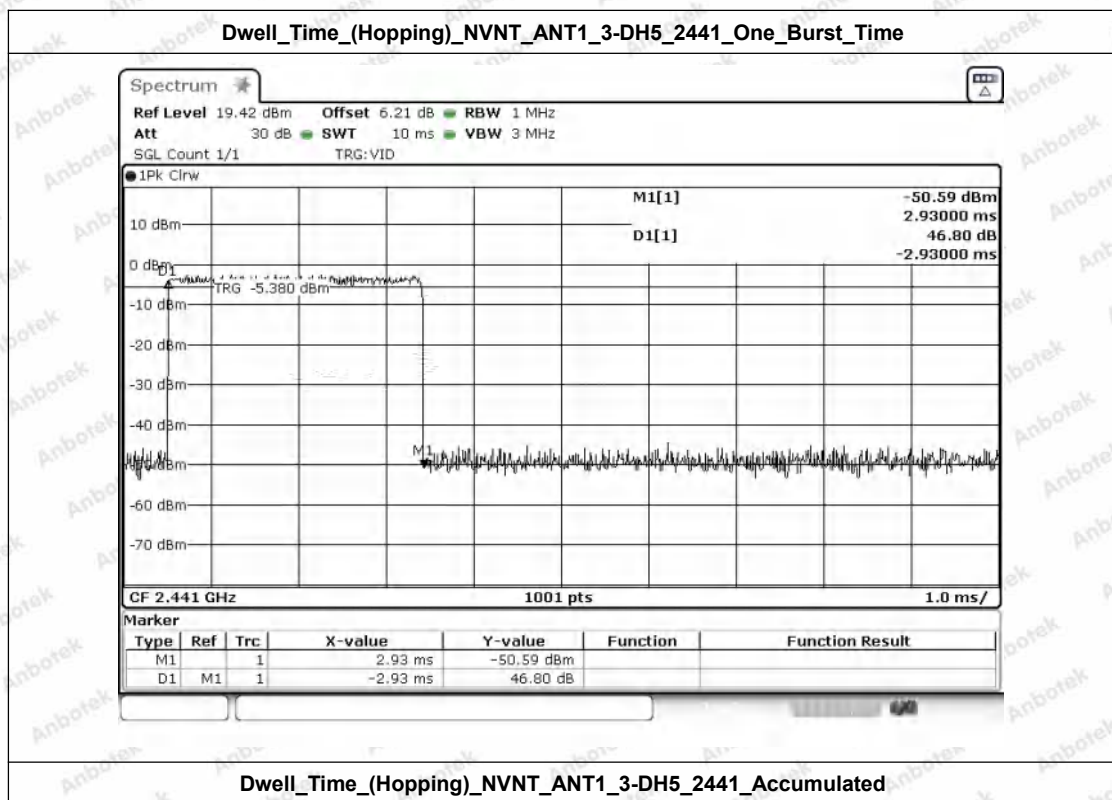
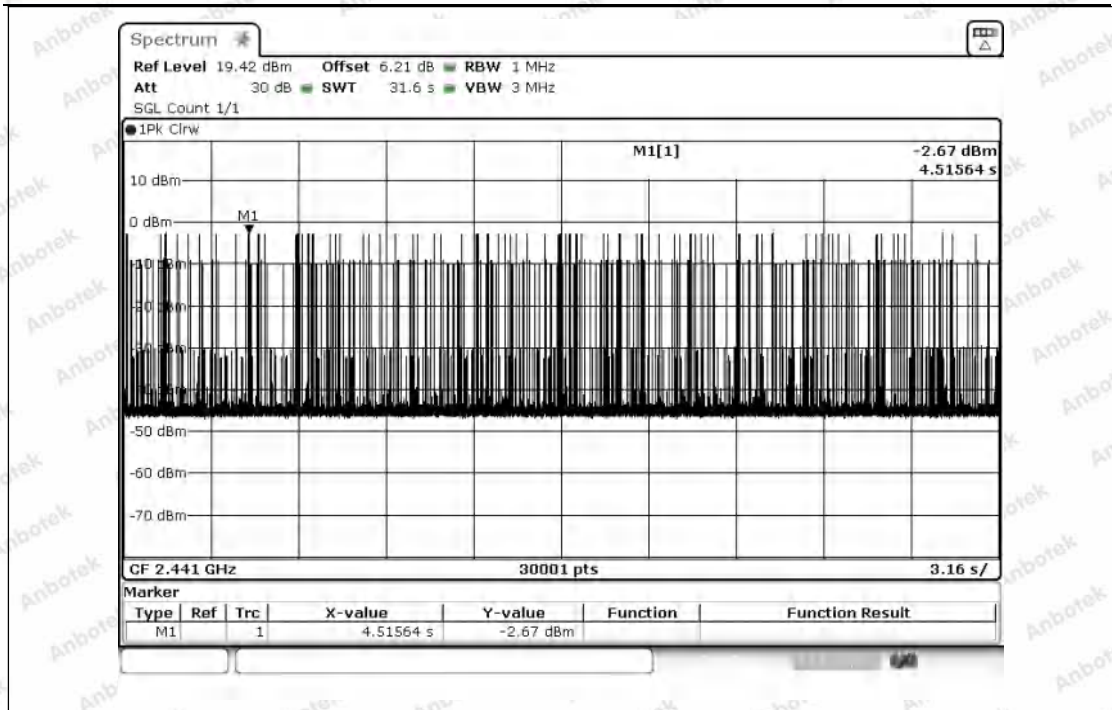
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_Accumulated





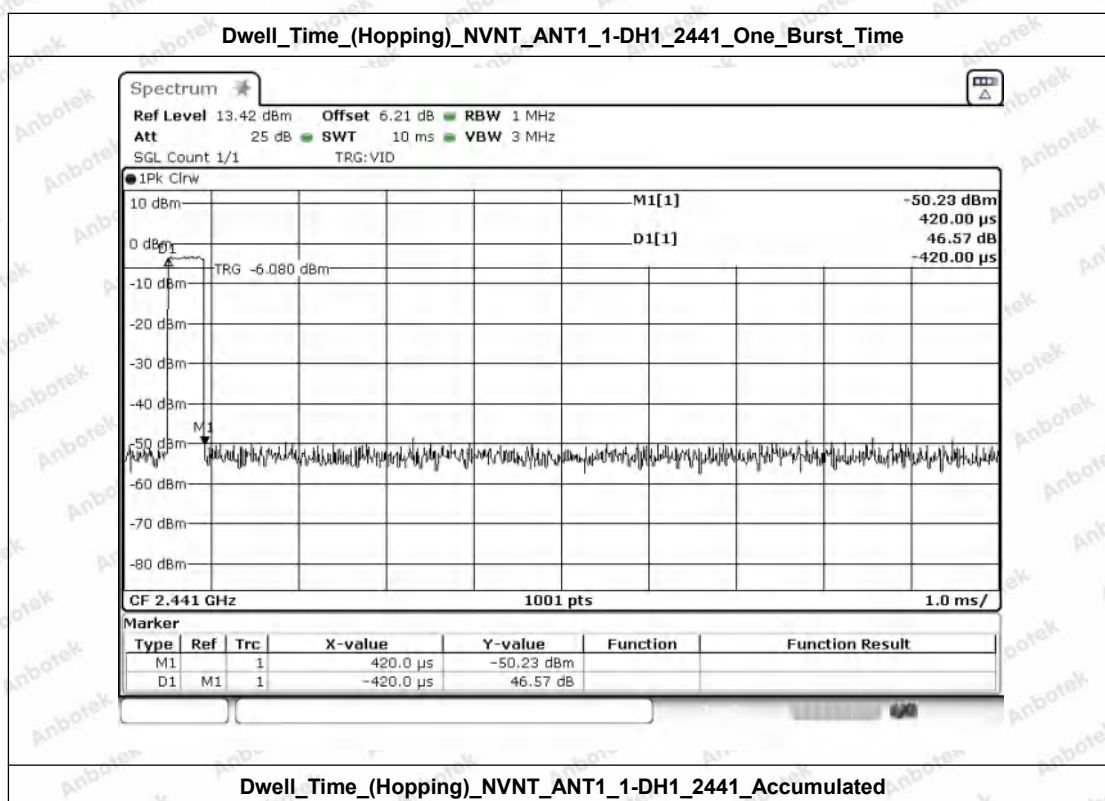
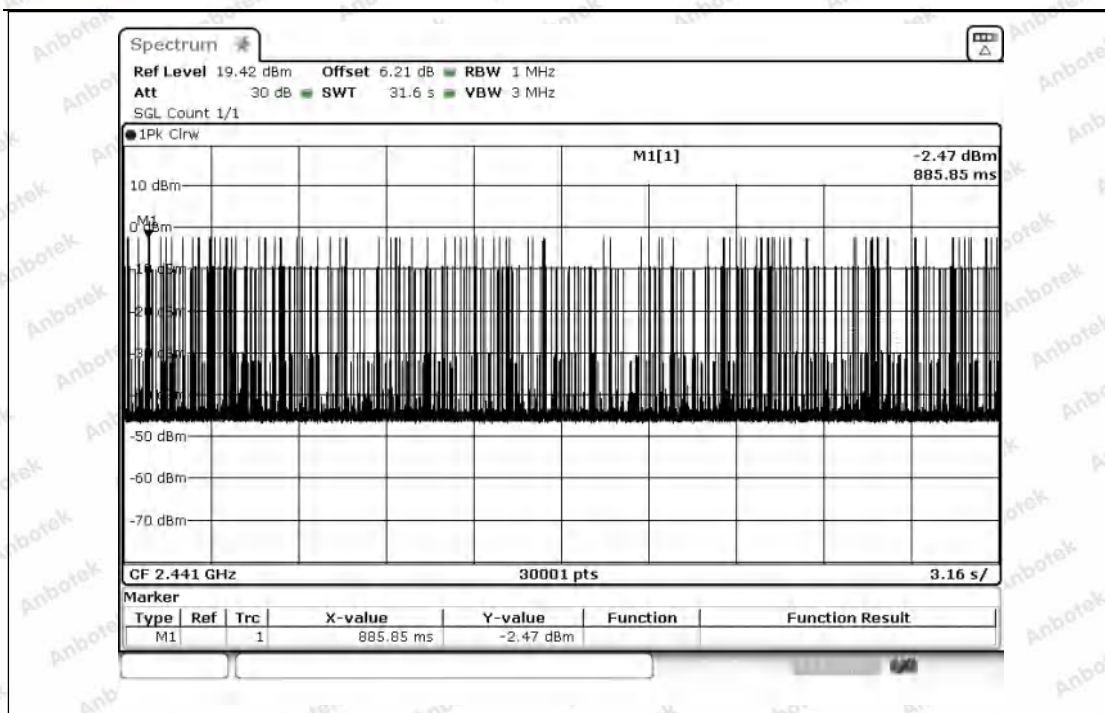
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_Accumulated





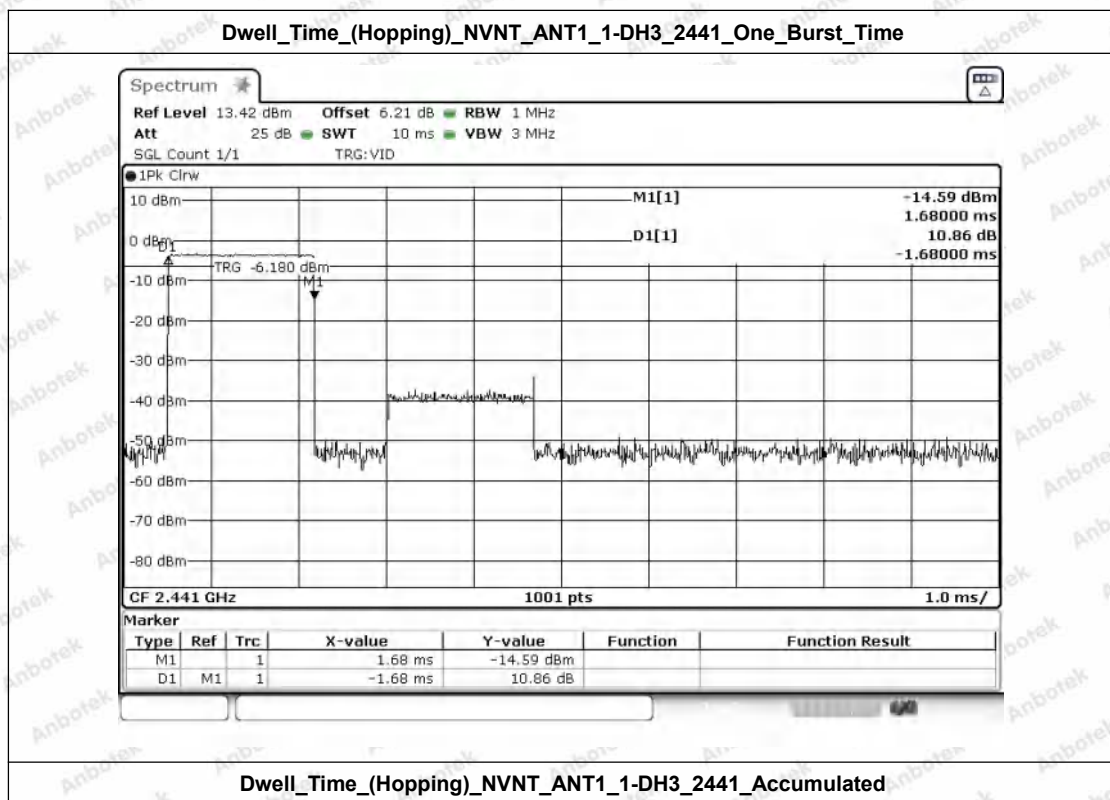
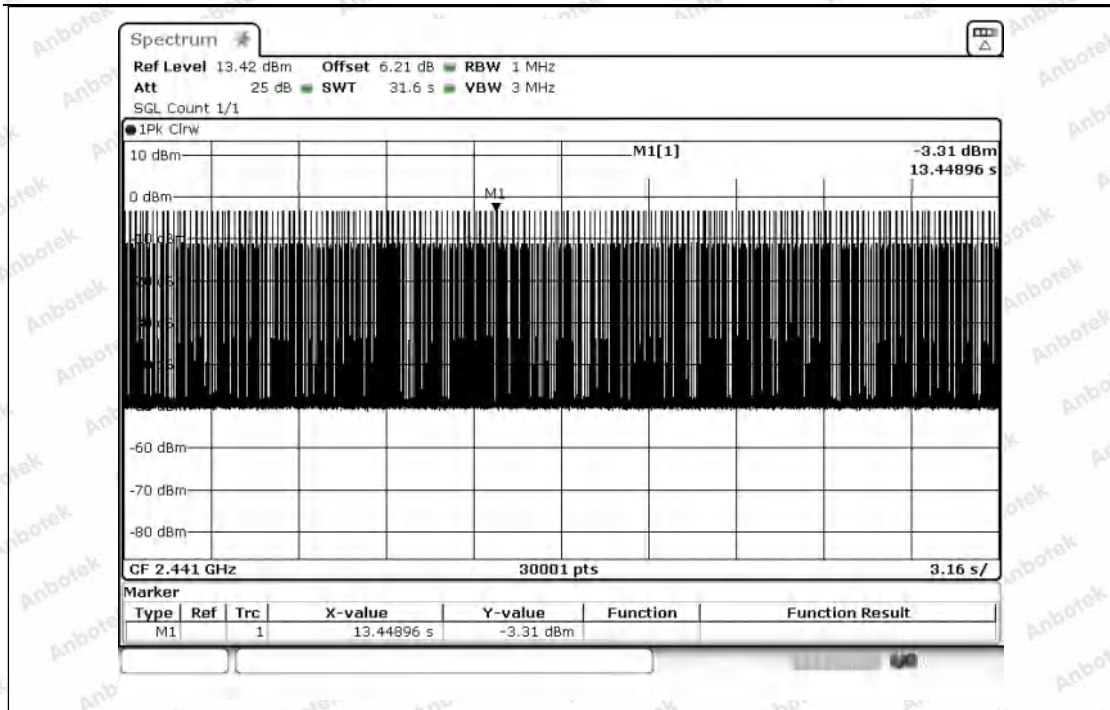
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_Accumulated





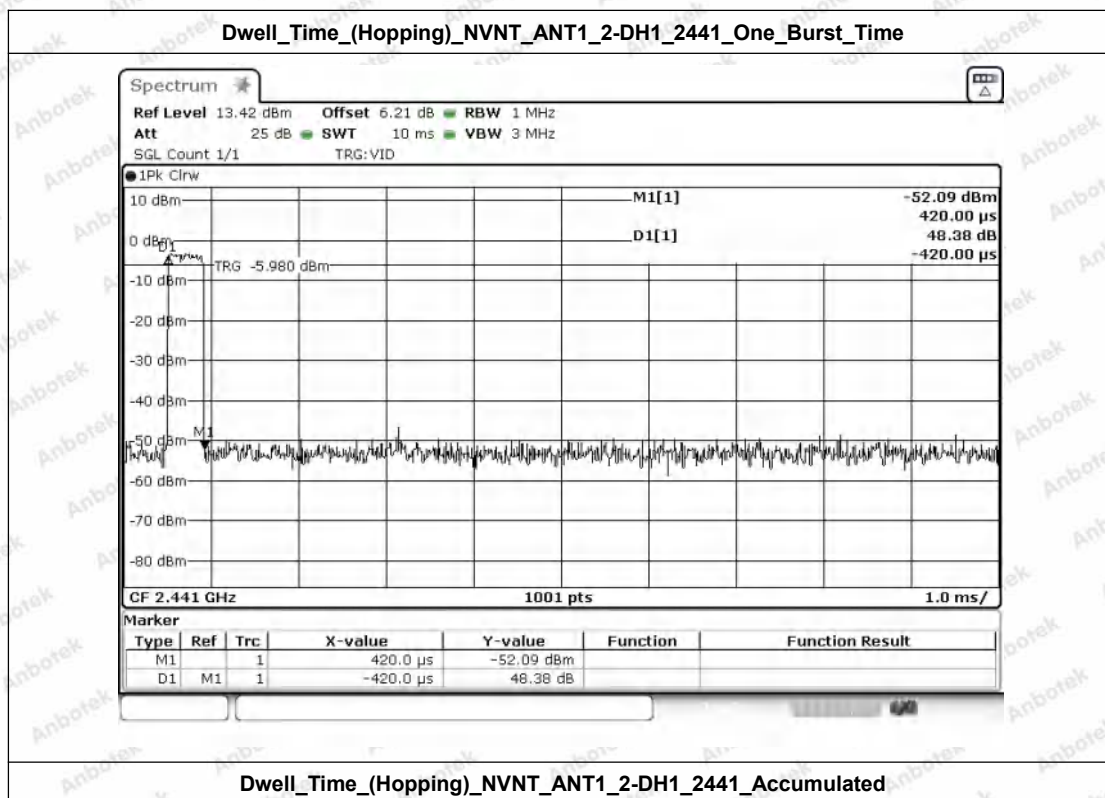
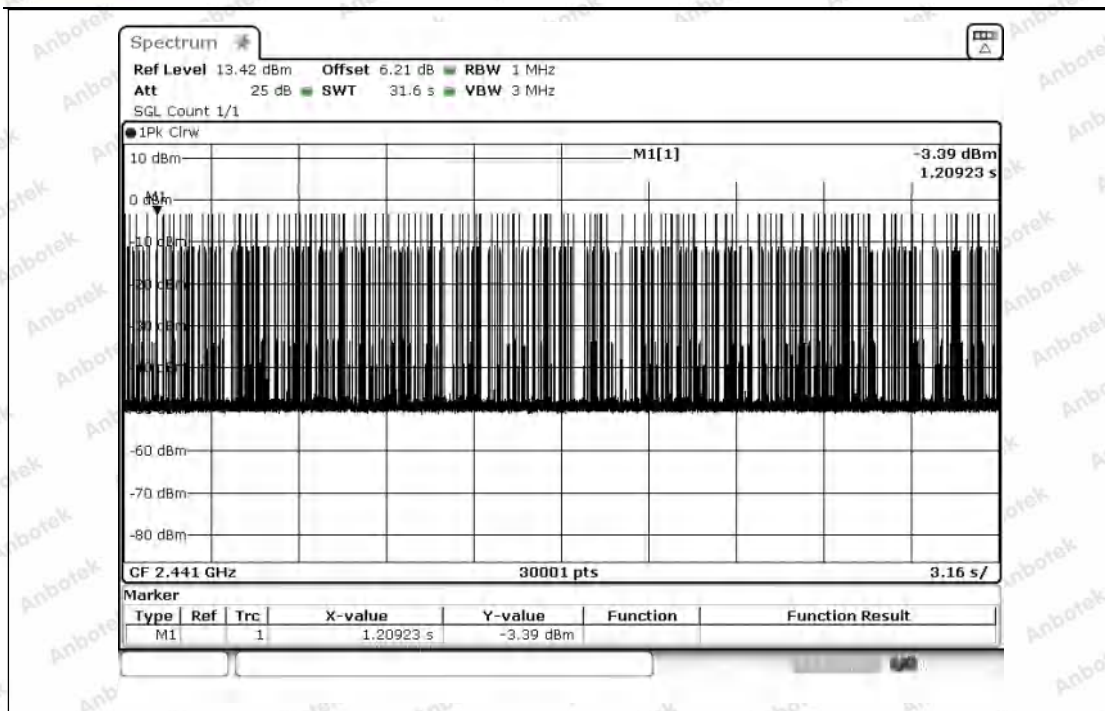
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_Accumulated





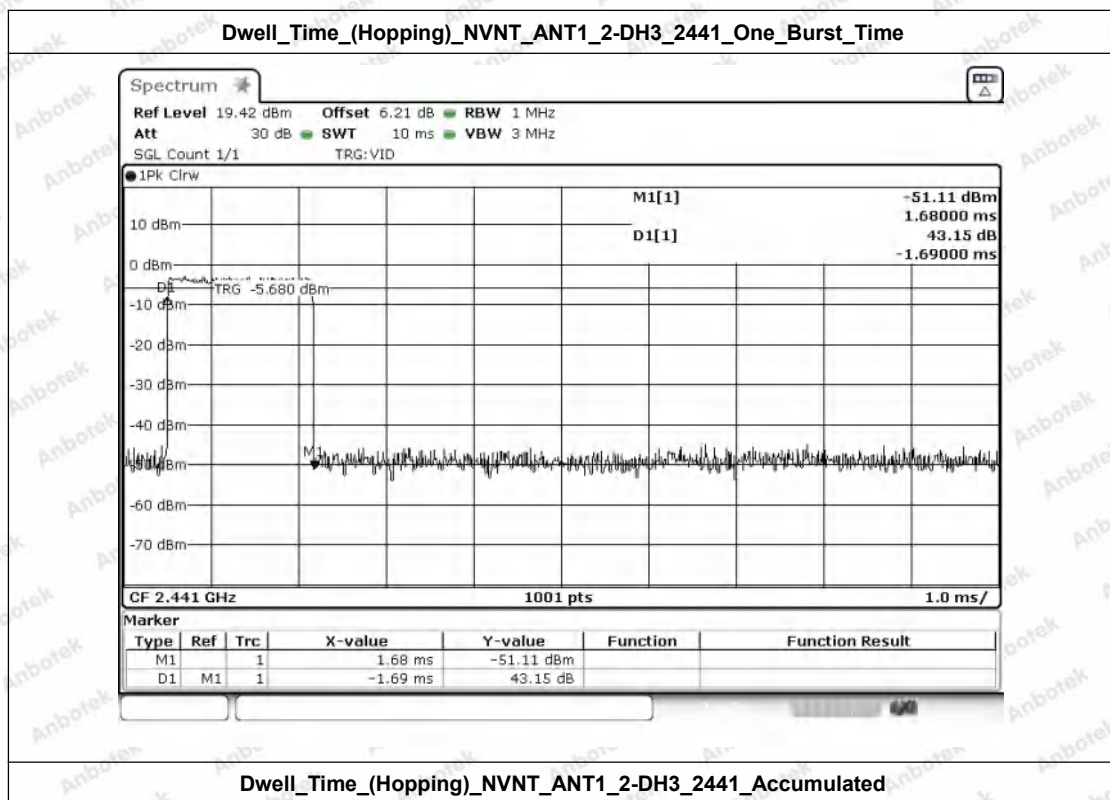
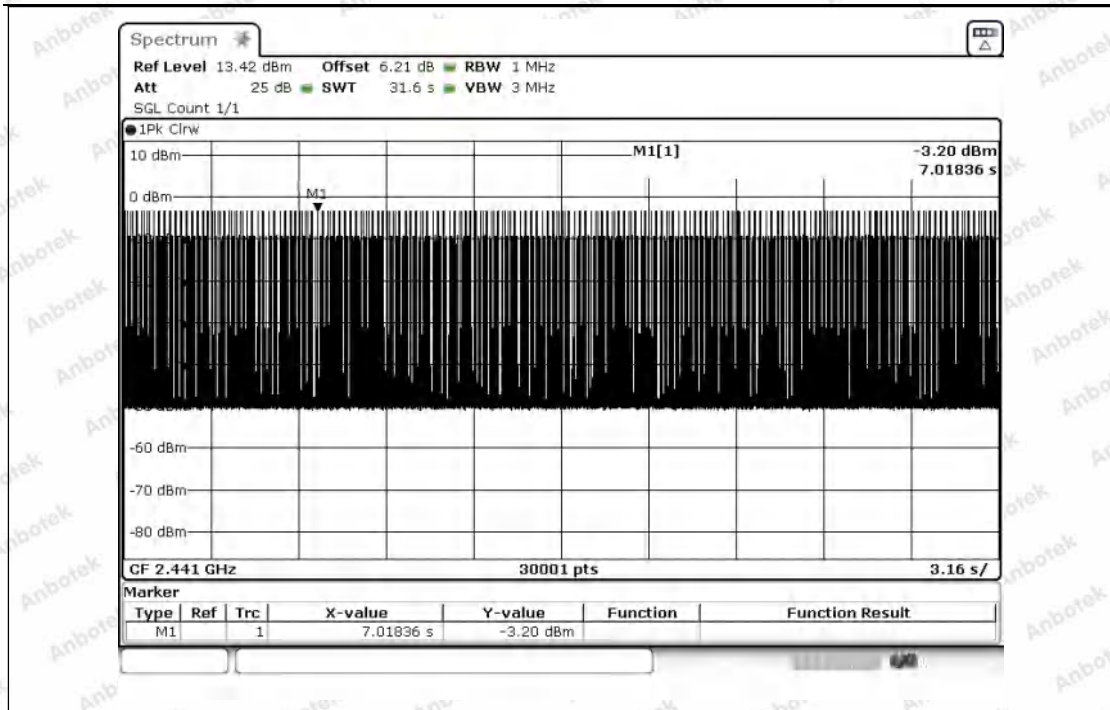
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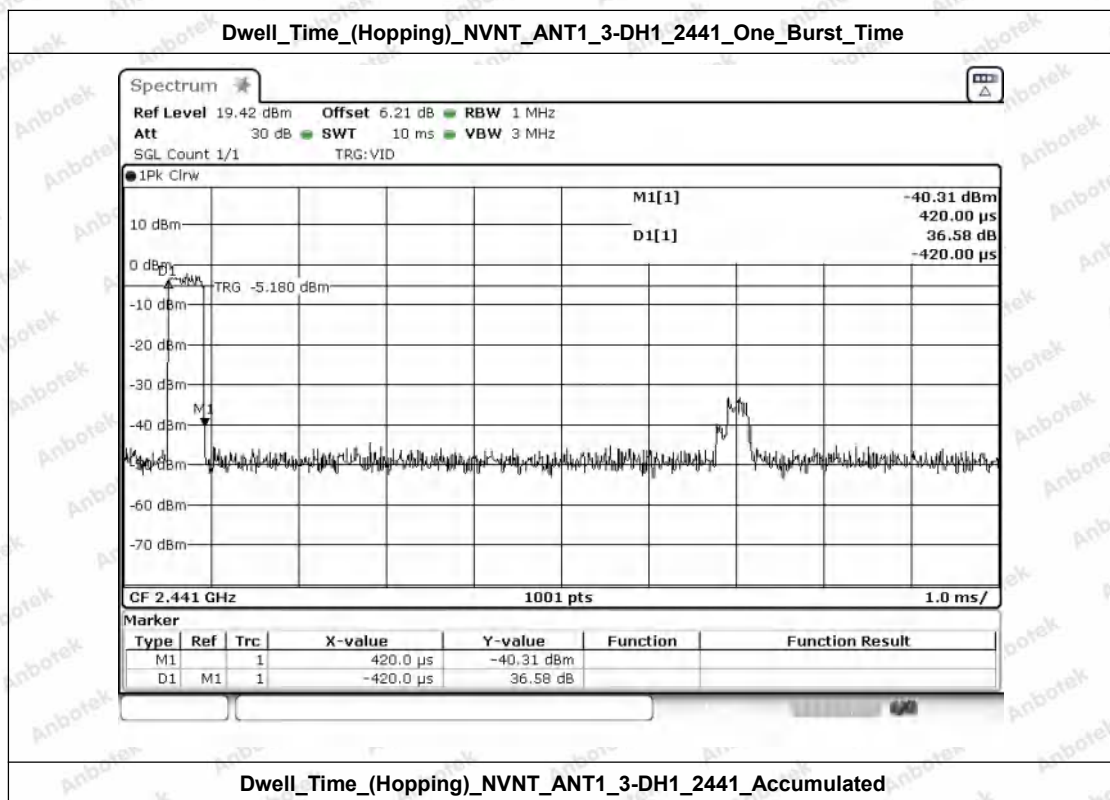
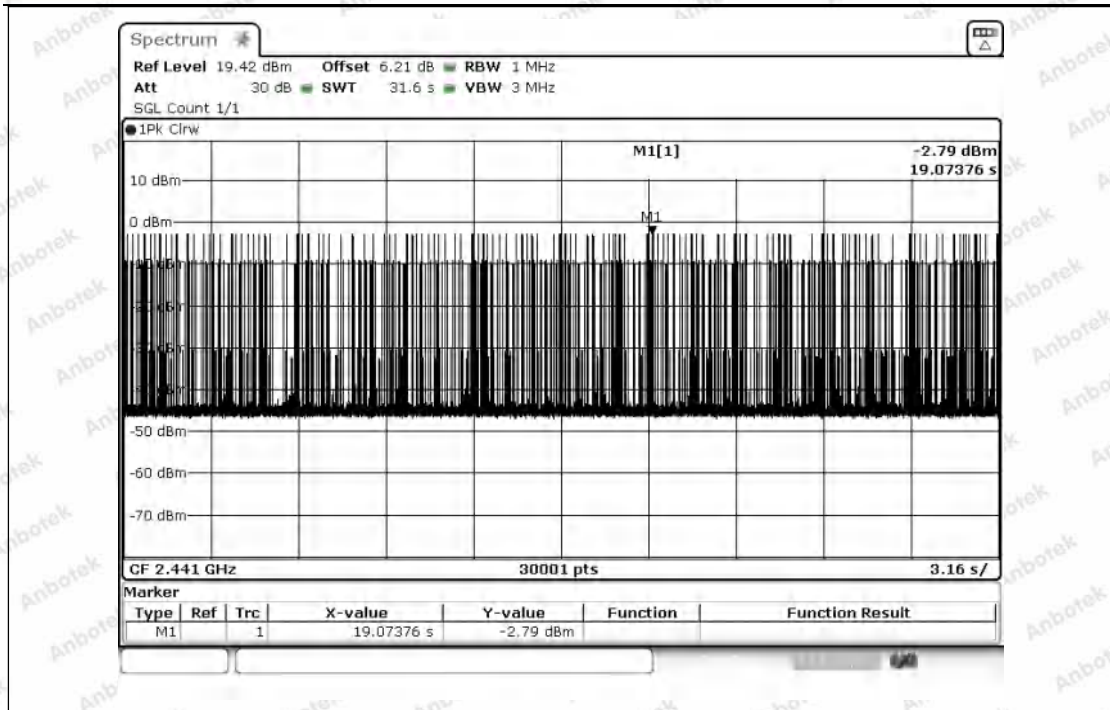
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_Accumulated

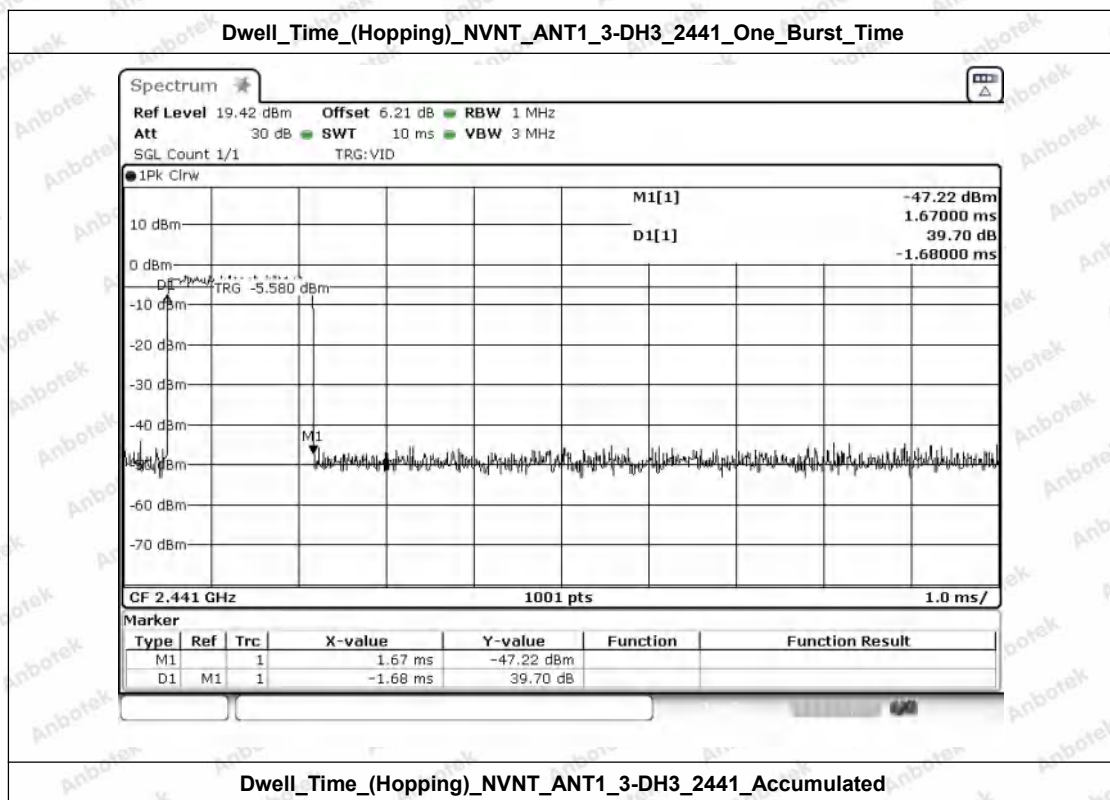
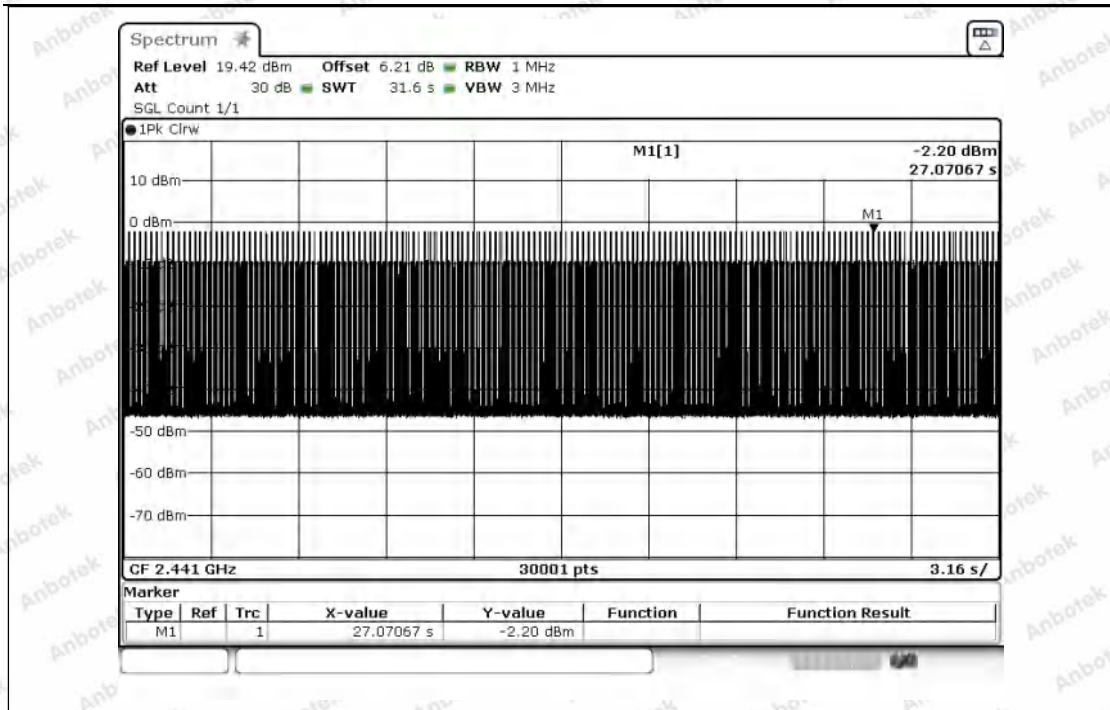




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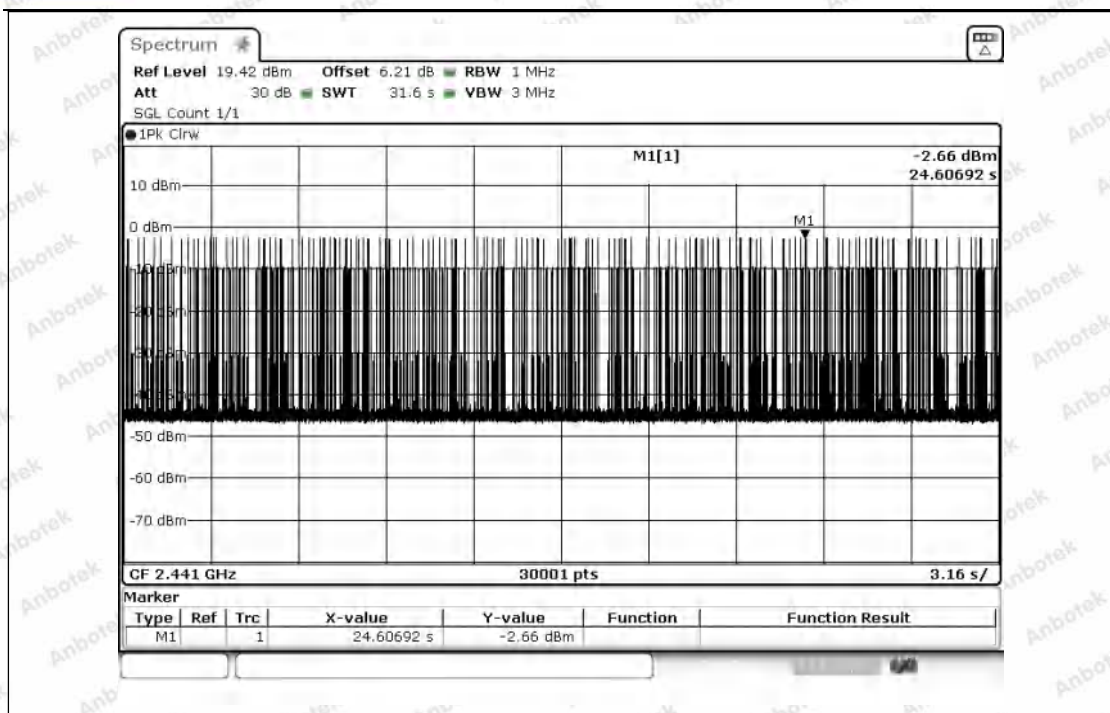






Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_Accumulated





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