

Appendix Test Data

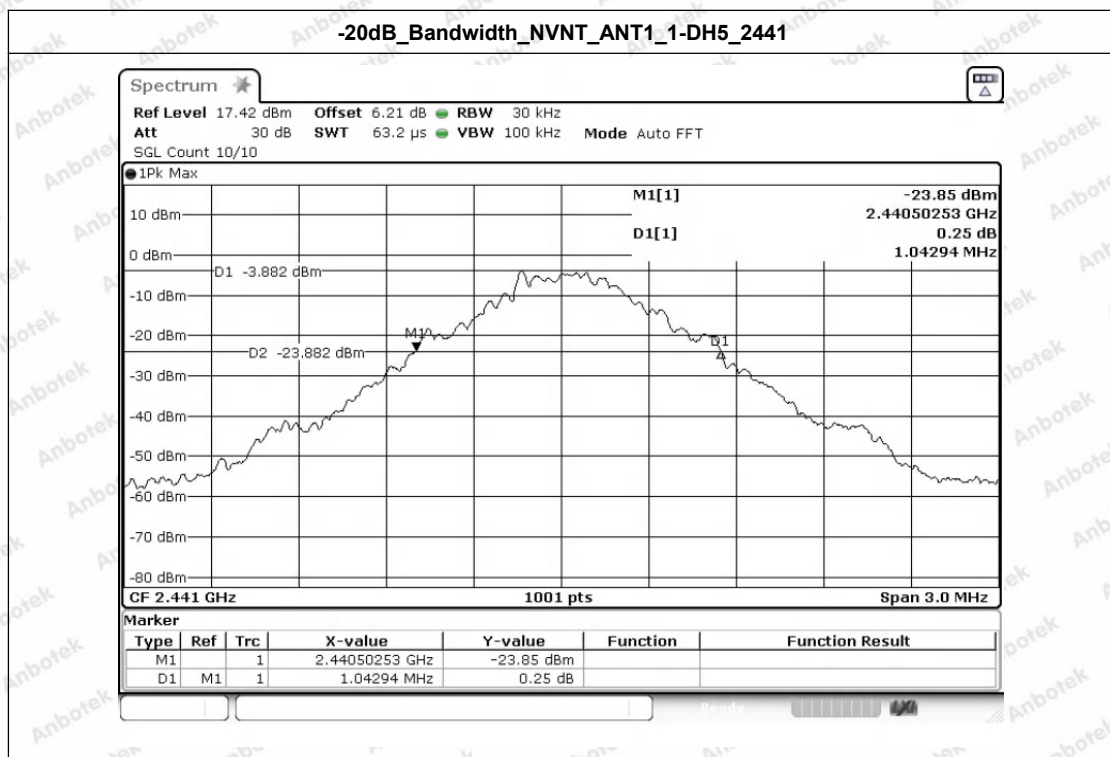
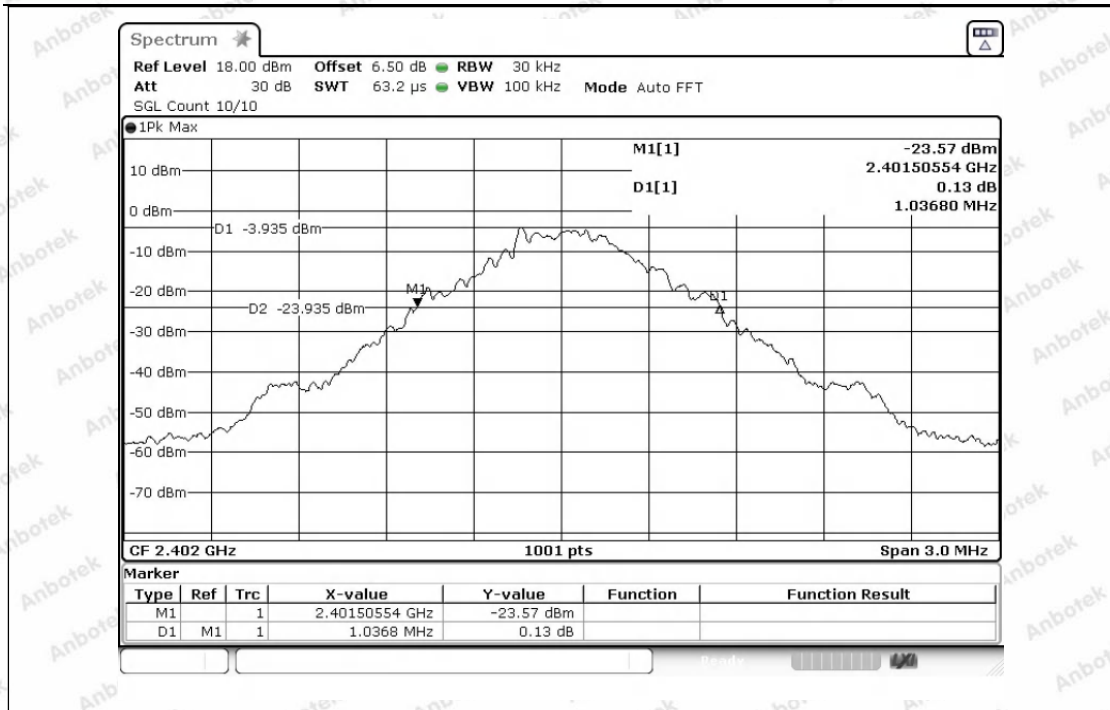
Report No.:	18220WC40049501	Test Sample No.:	1-2-2
Start Test Date:	2024.3.30	Finish Test Date:	2024.3.30
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.037	Yes
NVNT	ANT1	1-DH5	2441.00	1.043	Yes
NVNT	ANT1	1-DH5	2480.00	1.067	Yes
NVNT	ANT1	2-DH5	2402.00	1.334	Yes
NVNT	ANT1	2-DH5	2441.00	1.334	Yes
NVNT	ANT1	2-DH5	2480.00	1.343	Yes
NVNT	ANT1	3-DH5	2402.00	1.298	Yes
NVNT	ANT1	3-DH5	2441.00	1.289	Yes
NVNT	ANT1	3-DH5	2480.00	1.280	Yes

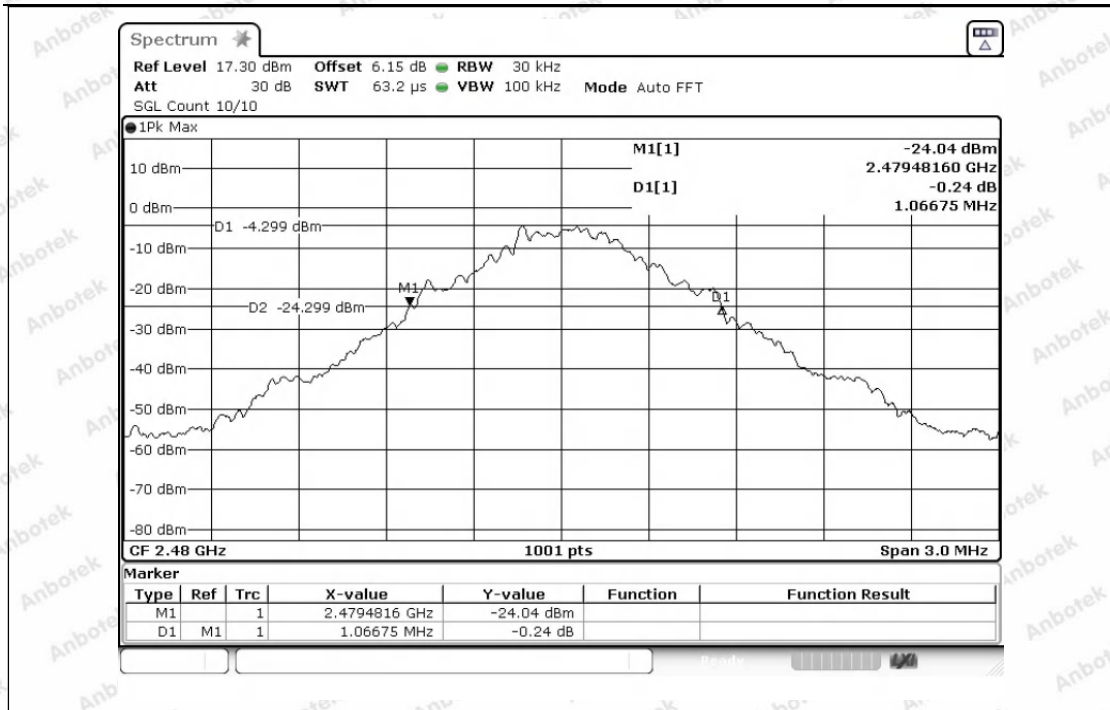
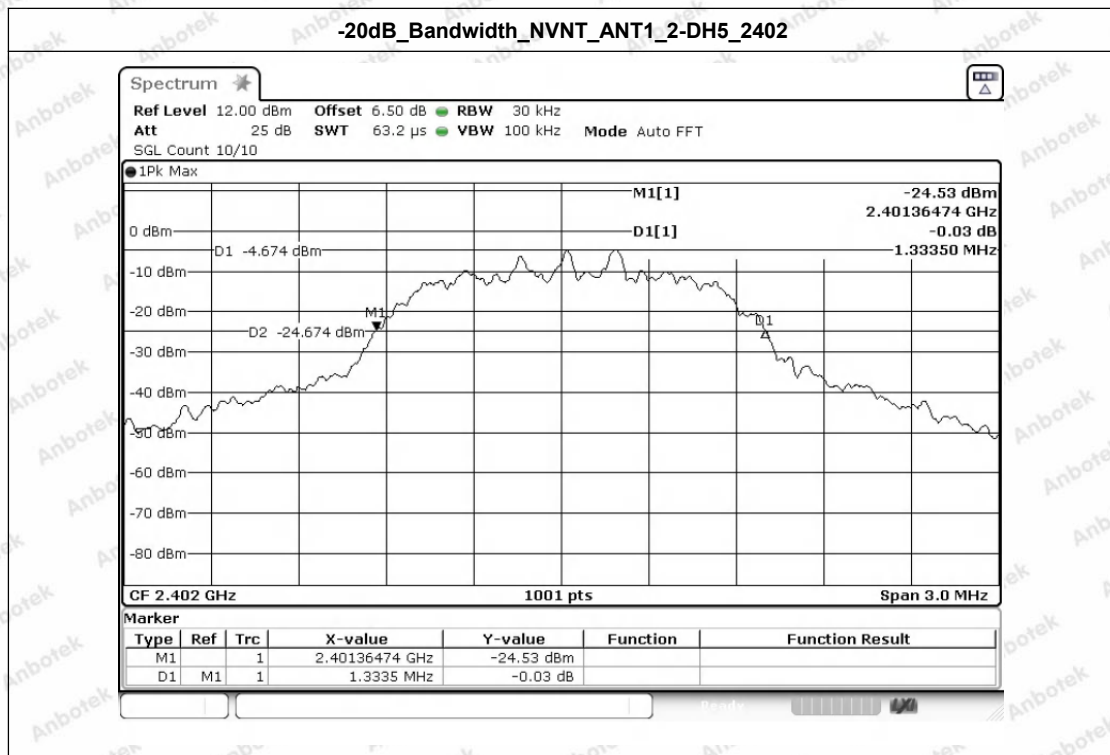
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402

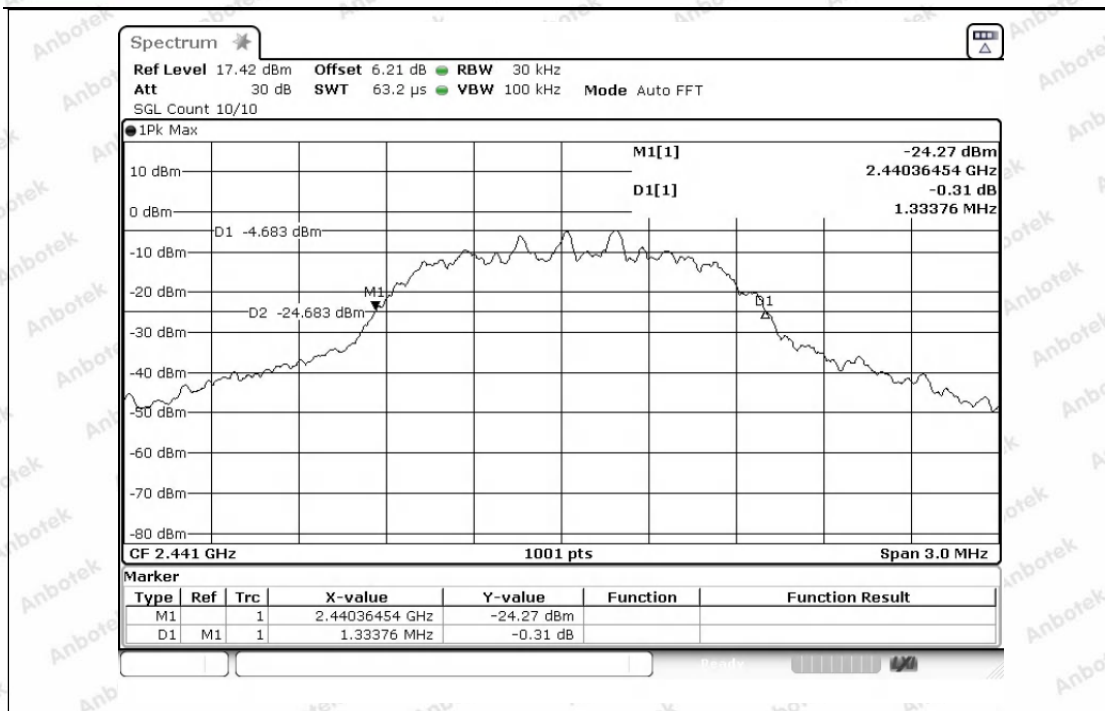




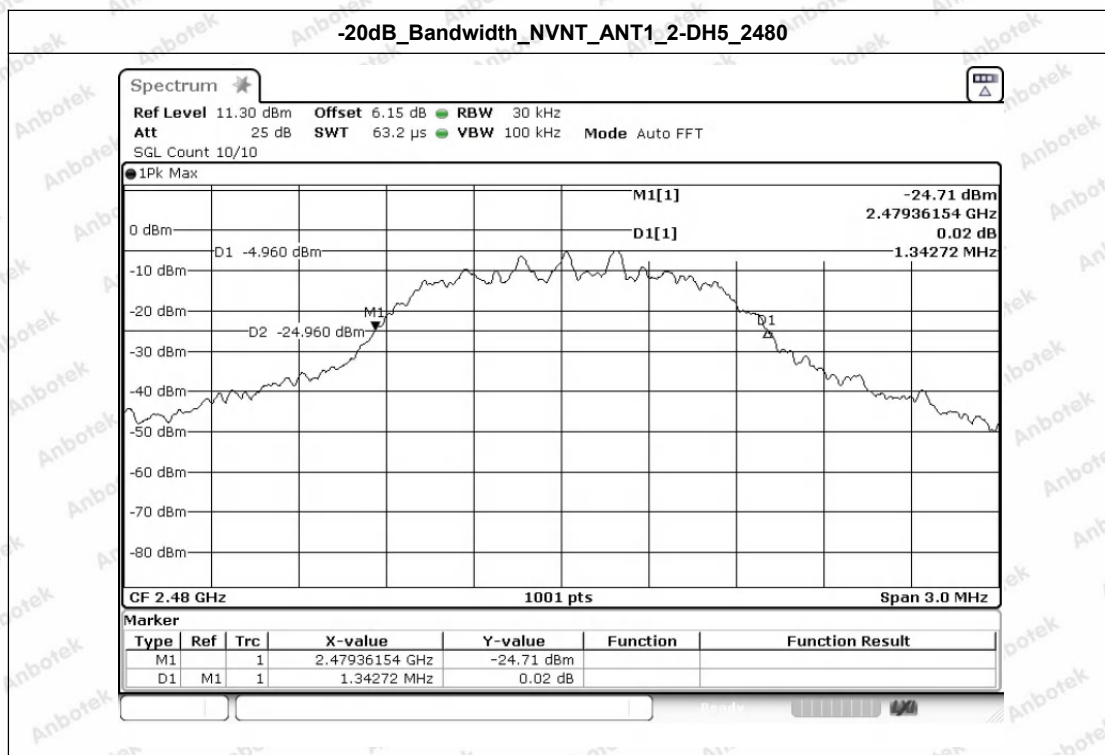
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480



**-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402****-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441**

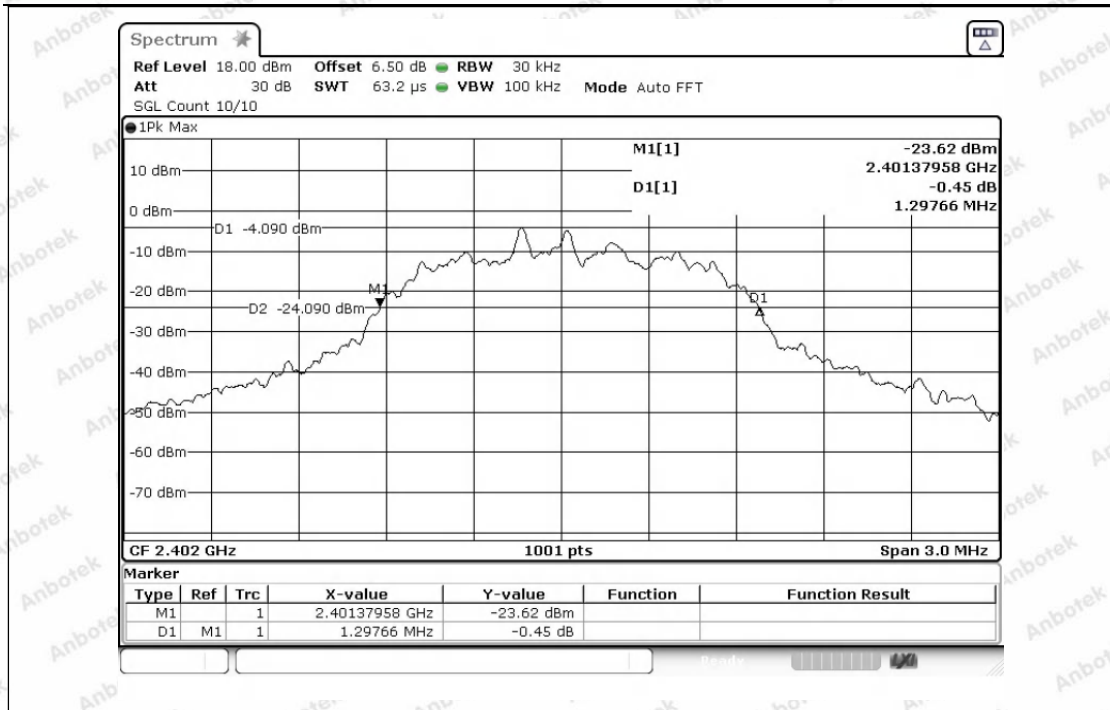


-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480

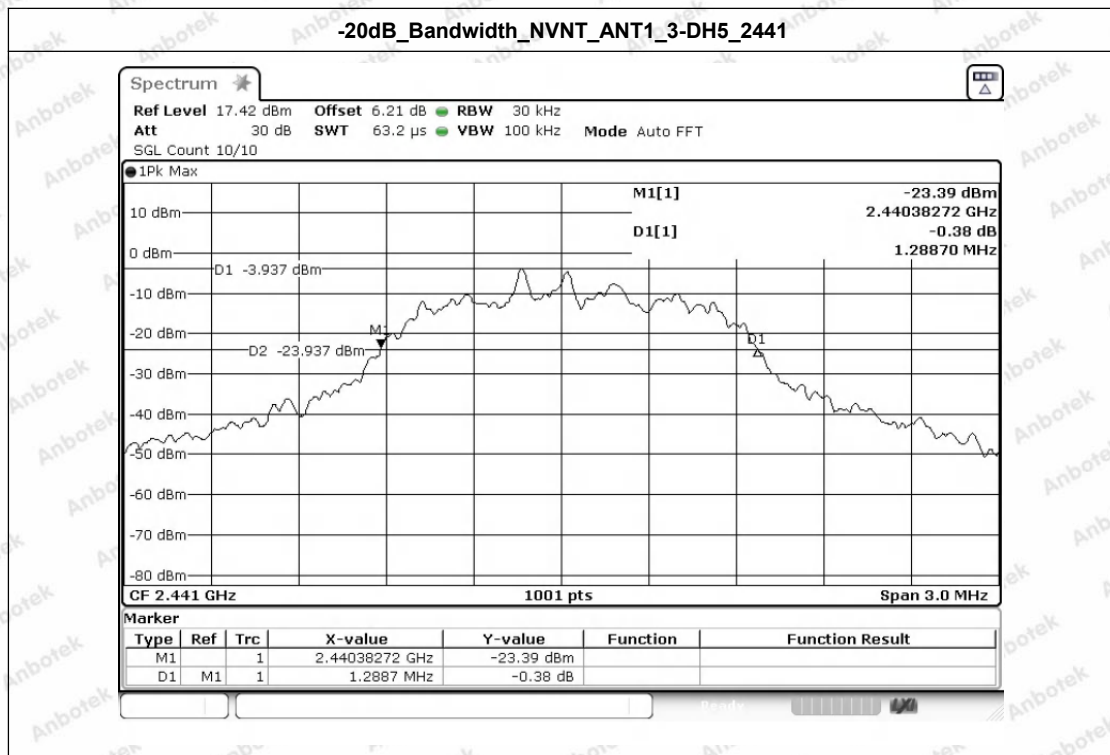


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402



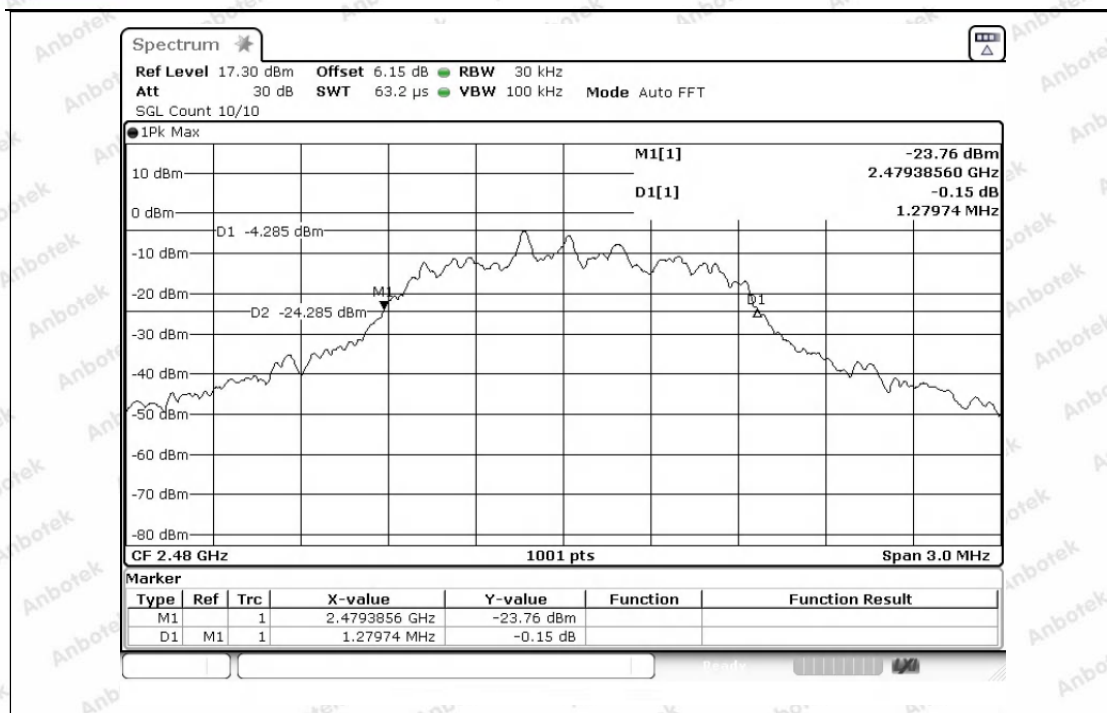


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480

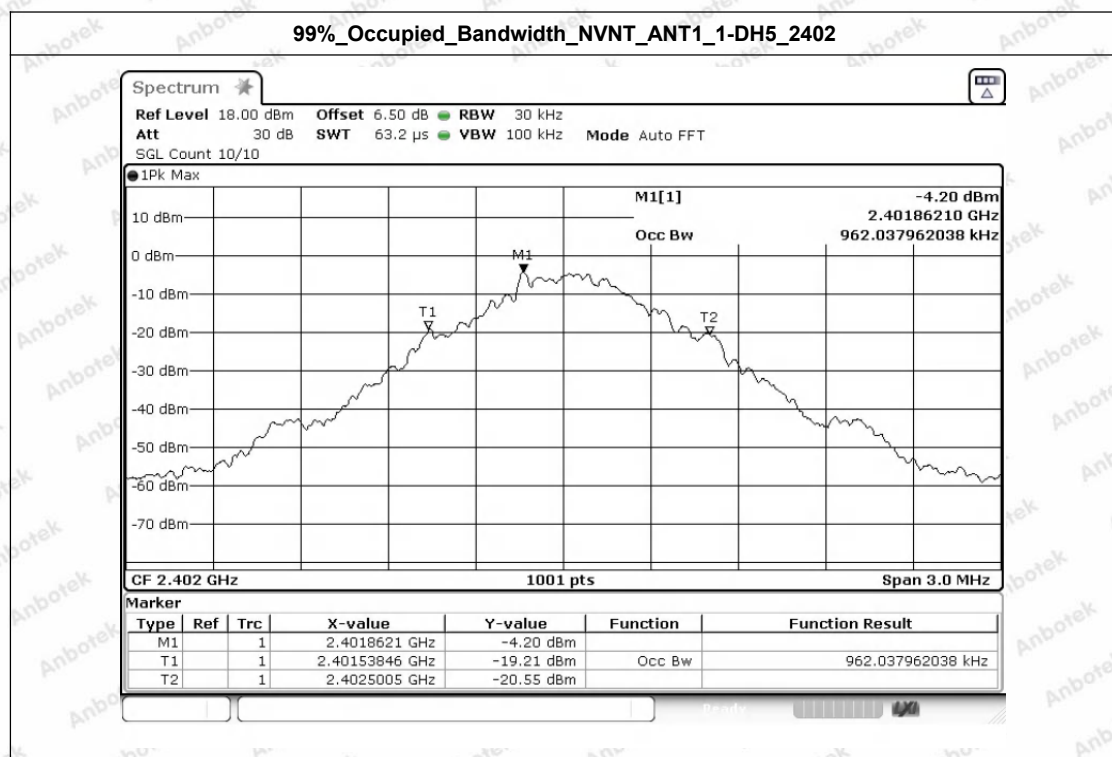




Appendix B: 99% Occupied Bandwidth

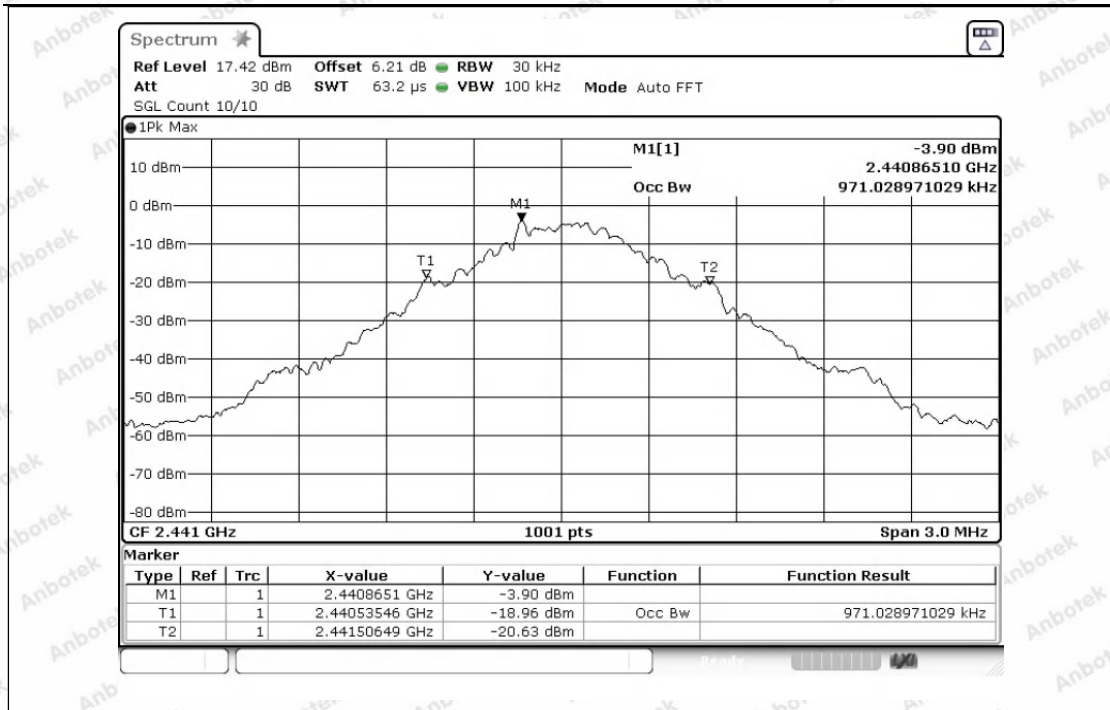
Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.962
NVNT	ANT1	1-DH5	2441.00	0.971
NVNT	ANT1	1-DH5	2480.00	0.986
NVNT	ANT1	2-DH5	2402.00	1.229
NVNT	ANT1	2-DH5	2441.00	1.238
NVNT	ANT1	2-DH5	2480.00	1.253
NVNT	ANT1	3-DH5	2402.00	1.220
NVNT	ANT1	3-DH5	2441.00	1.229
NVNT	ANT1	3-DH5	2480.00	1.226

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402

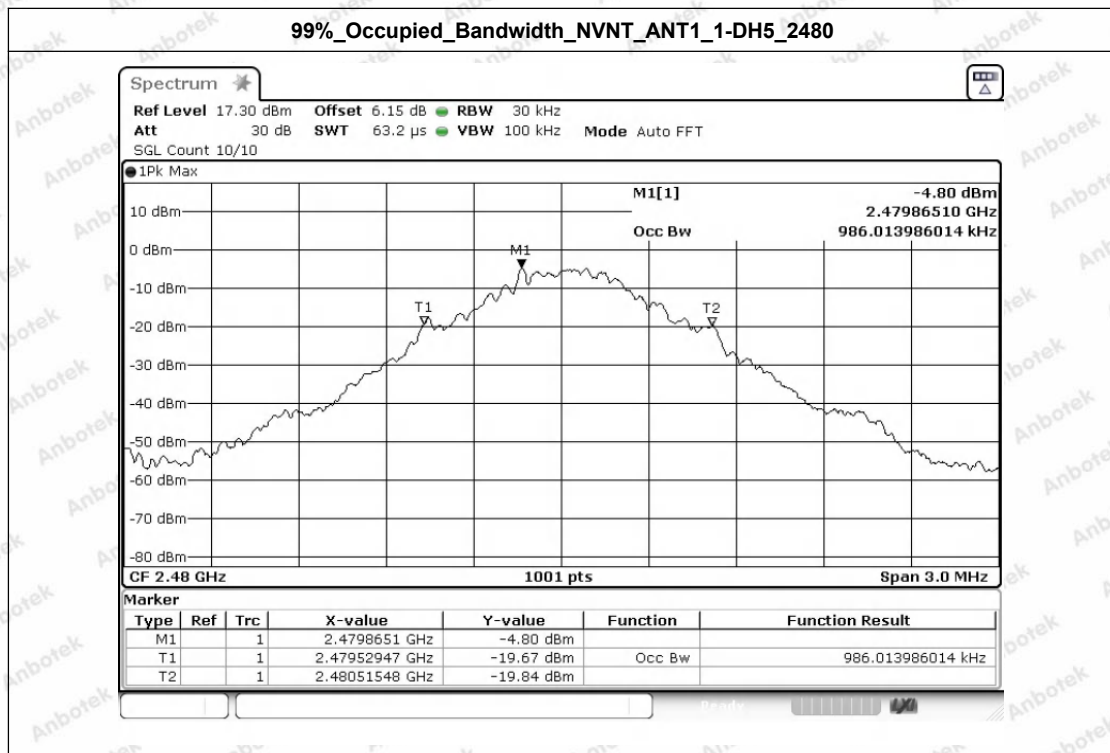


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441



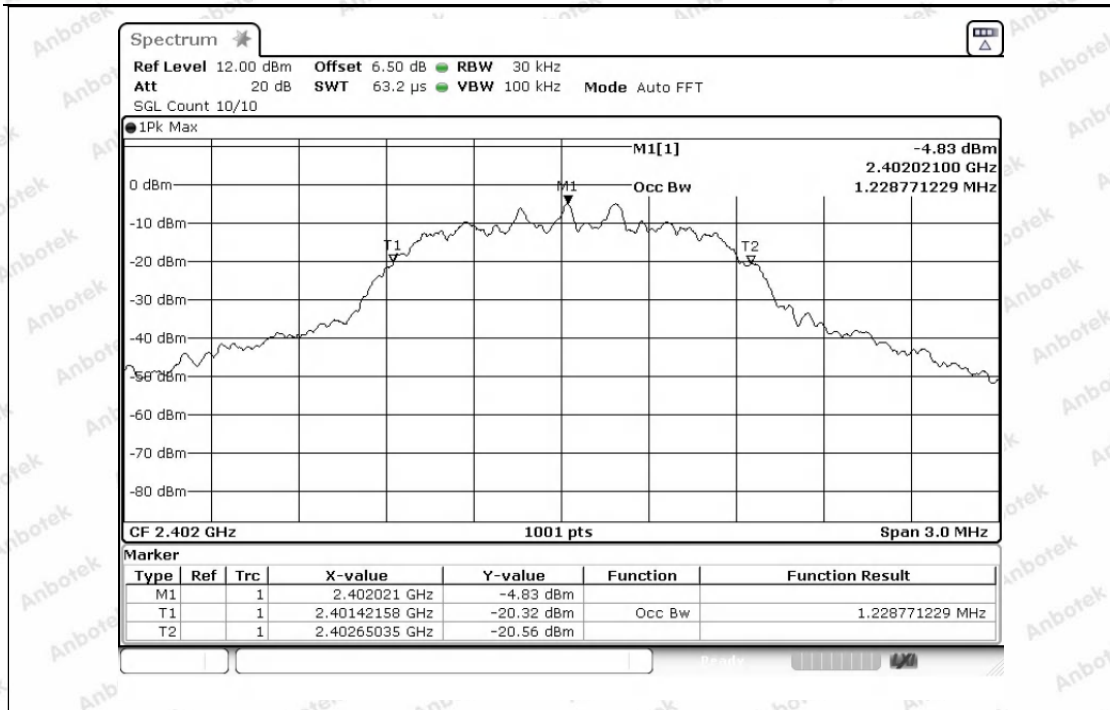


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480

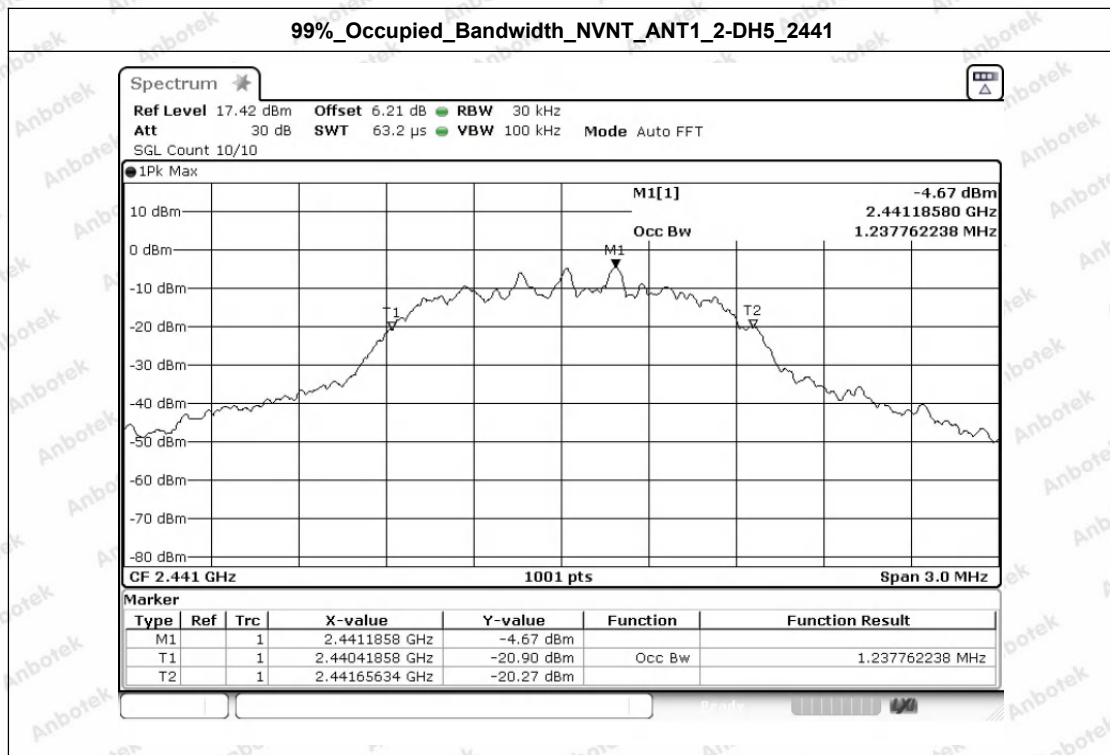


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402



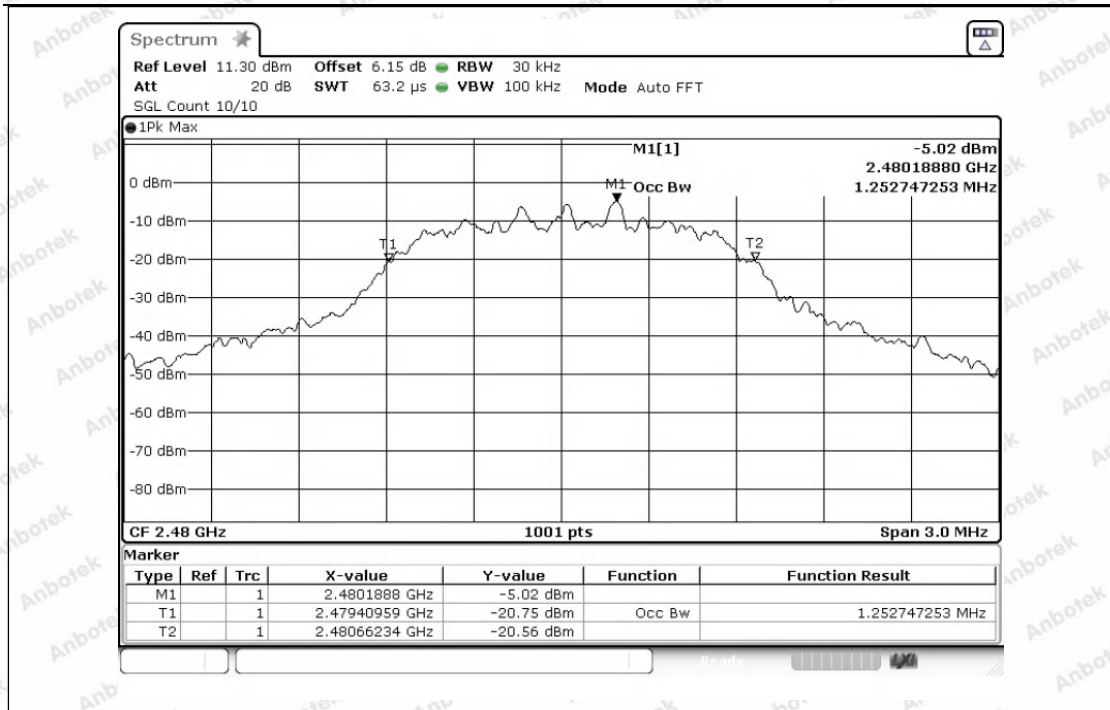


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441

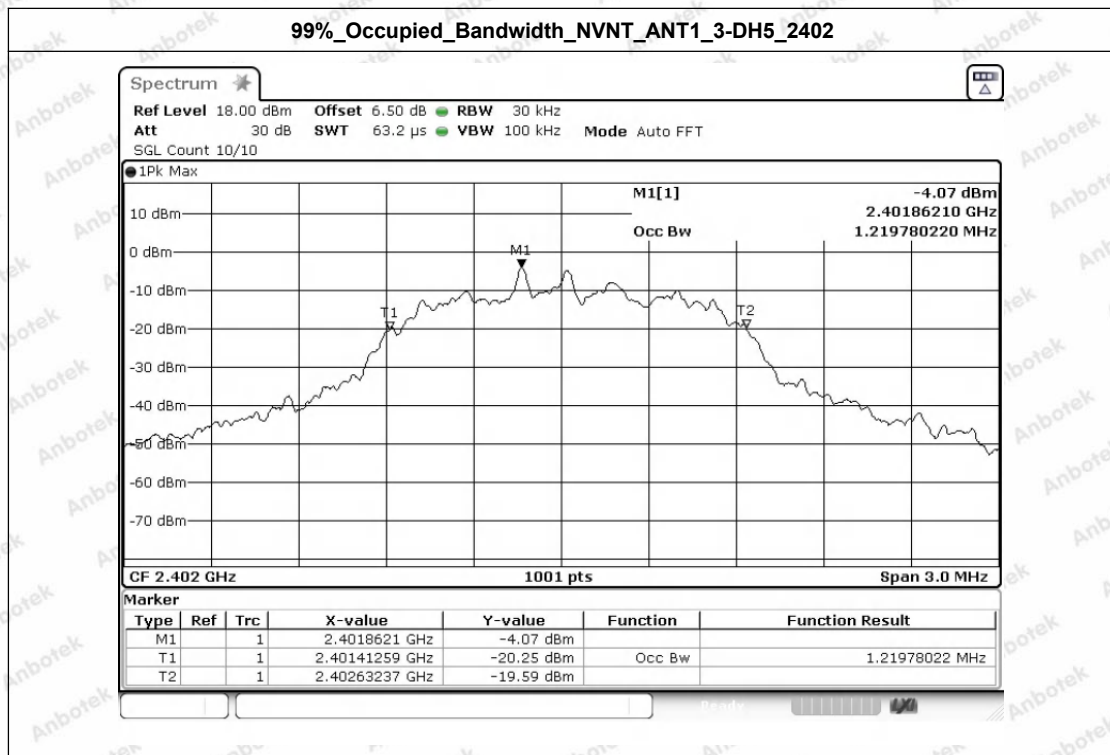


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480



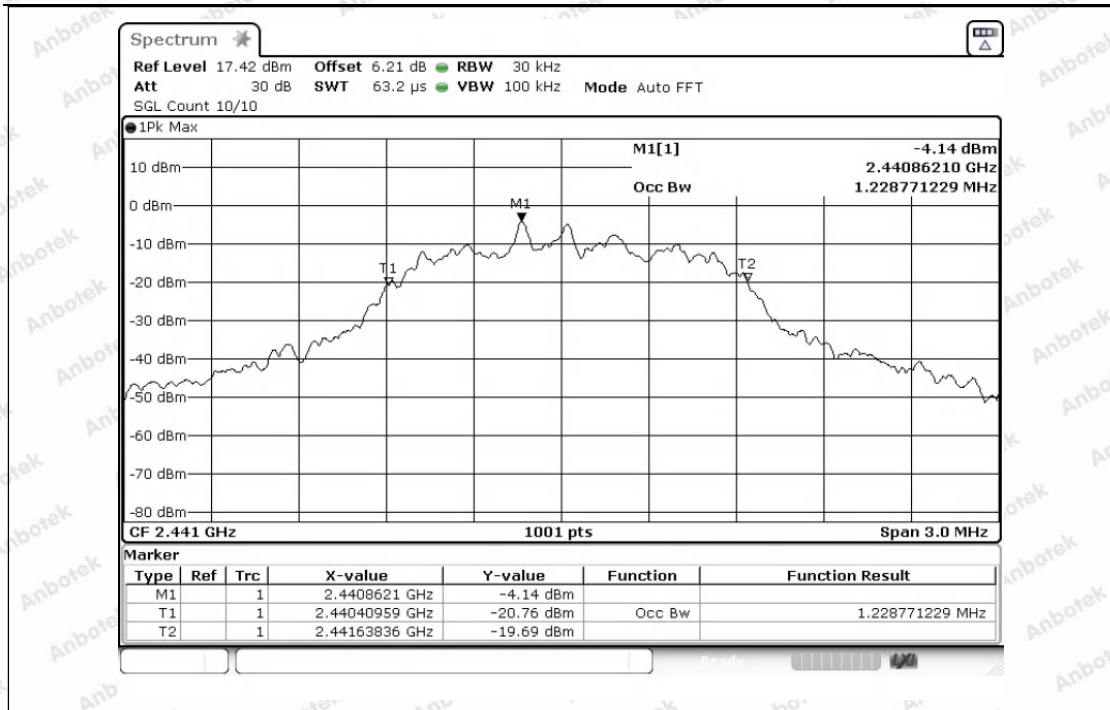


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402

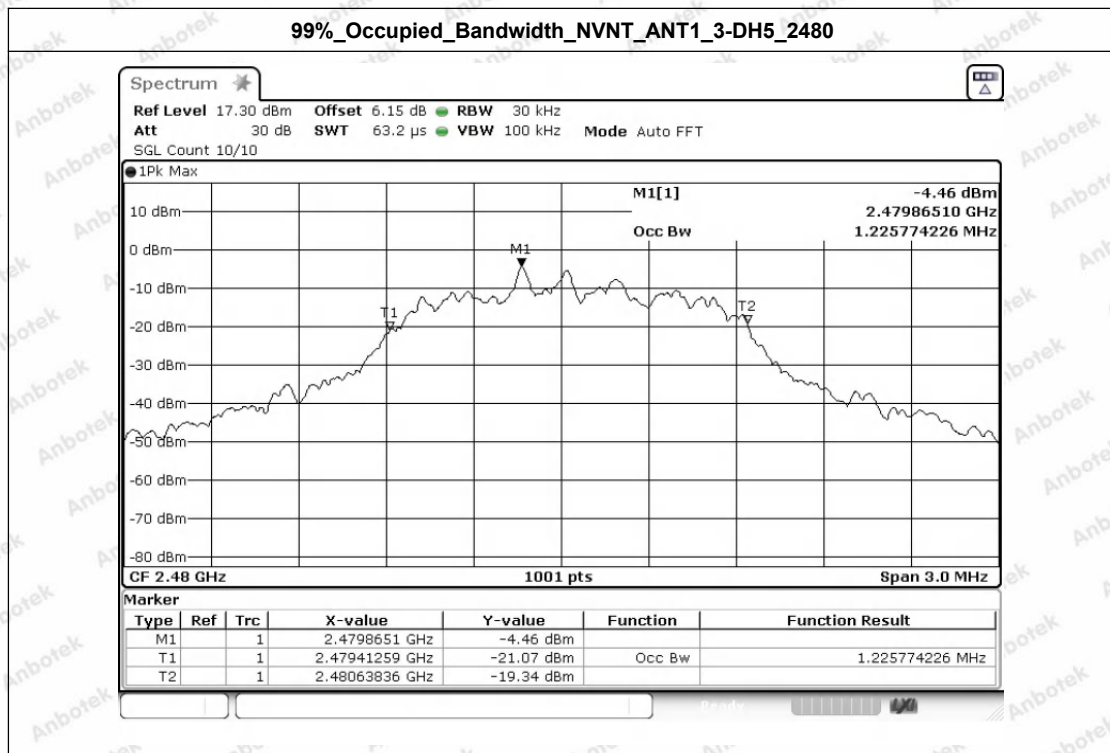


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441



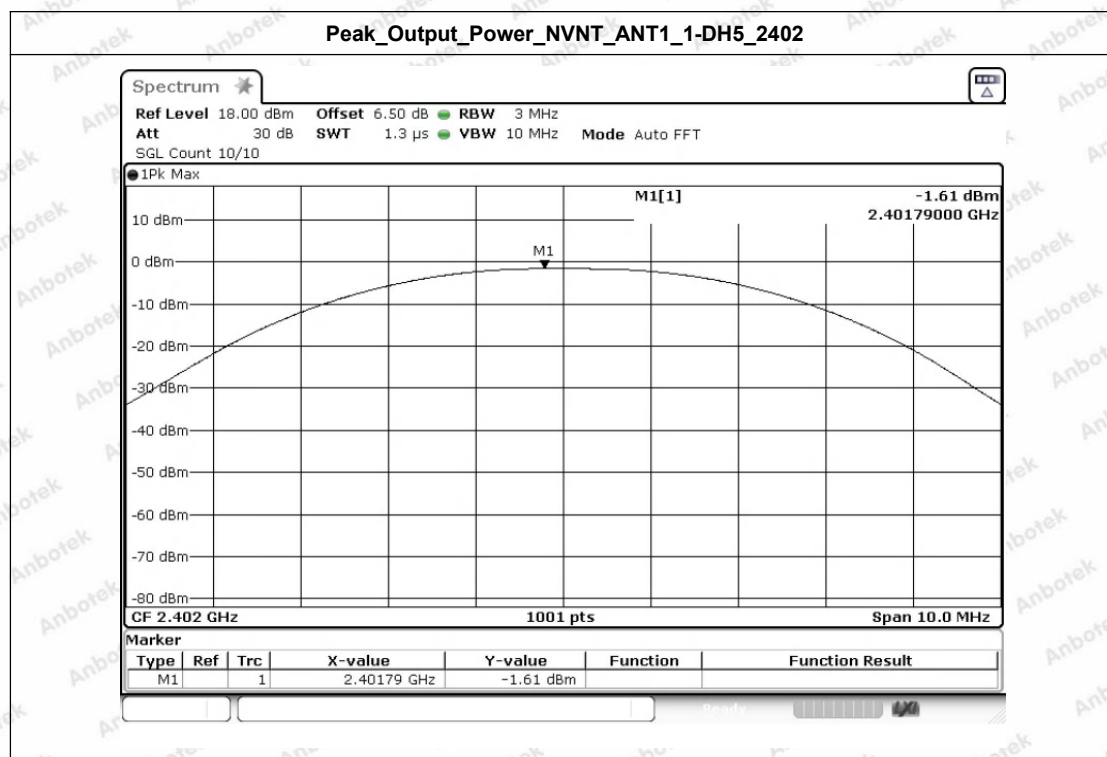


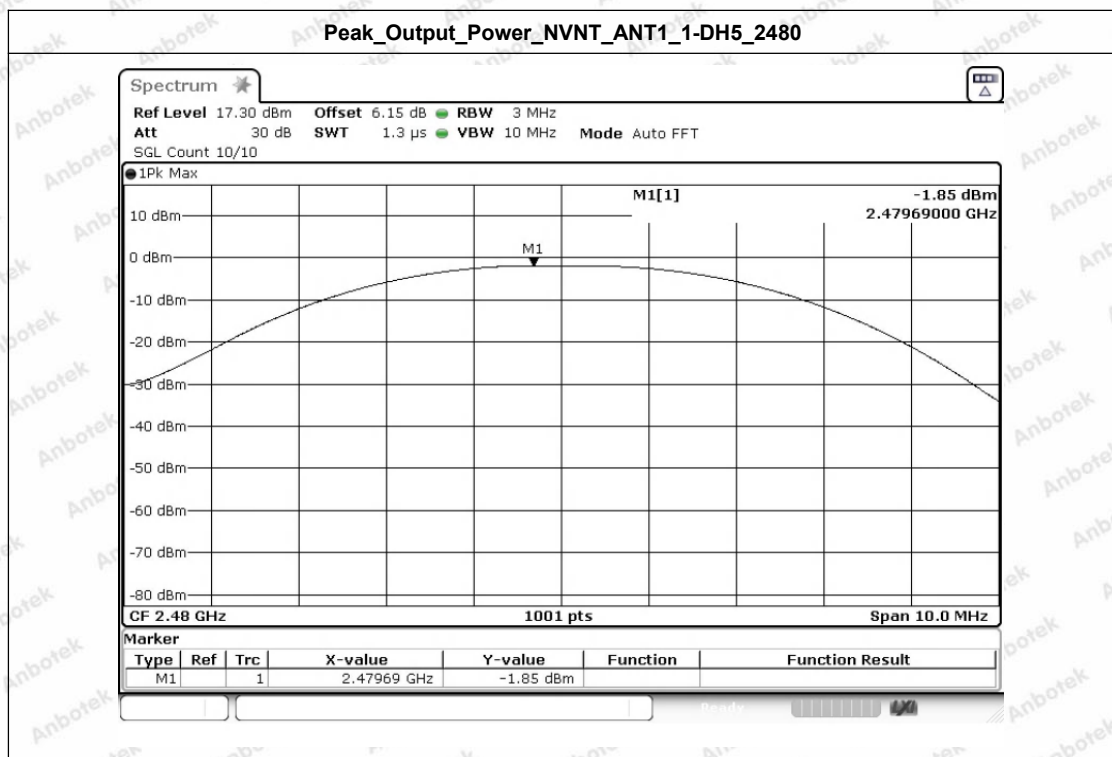
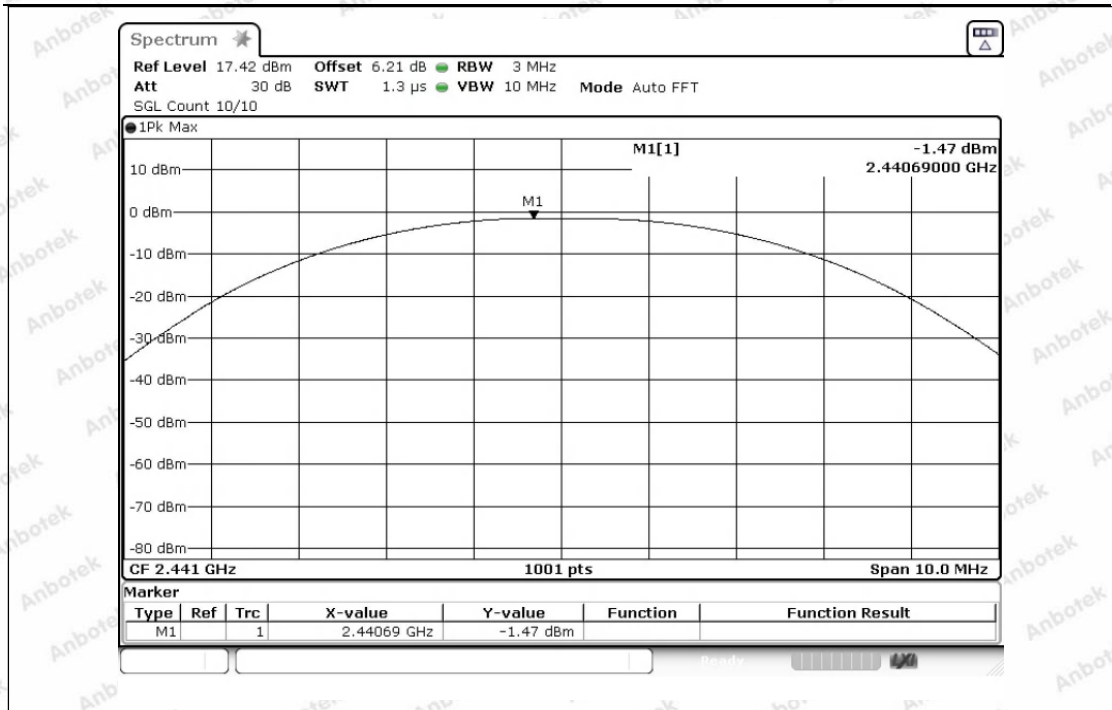
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480



Appendix C: Peak Output Power

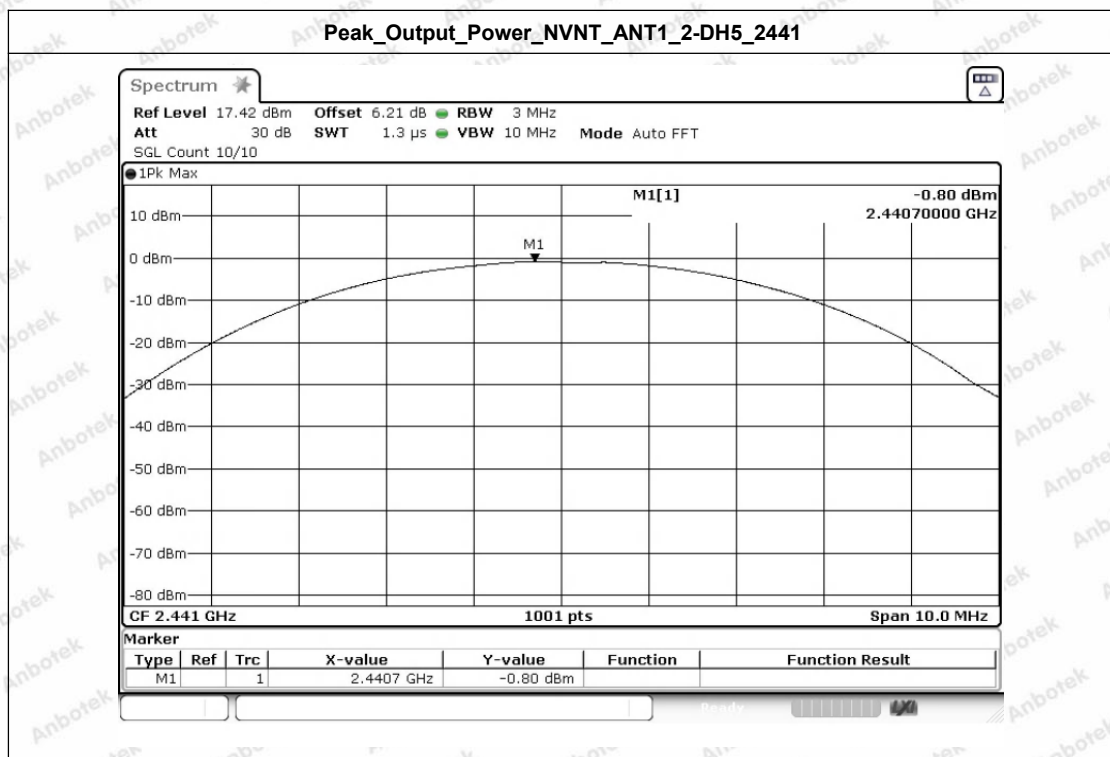
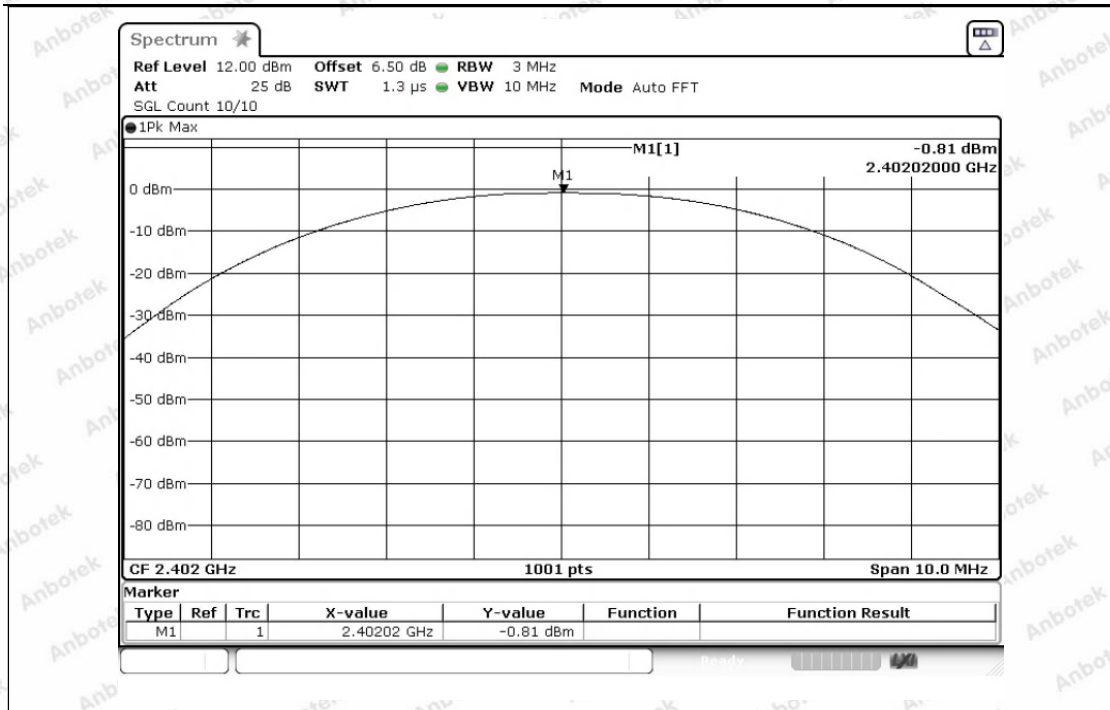
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	-1.61	0.69	125	Pass
NVNT	ANT1	1-DH5	2441.00	-1.47	0.71	125	Pass
NVNT	ANT1	1-DH5	2480.00	-1.85	0.65	125	Pass
NVNT	ANT1	2-DH5	2402.00	-0.81	0.83	125	Pass
NVNT	ANT1	2-DH5	2441.00	-0.80	0.83	125	Pass
NVNT	ANT1	2-DH5	2480.00	-1.08	0.78	125	Pass
NVNT	ANT1	3-DH5	2402.00	-0.54	0.88	125	Pass
NVNT	ANT1	3-DH5	2441.00	-0.62	0.87	125	Pass
NVNT	ANT1	3-DH5	2480.00	-0.77	0.84	125	Pass

**Peak_Output_Power_NVNT_ANT1_1-DH5_2441**



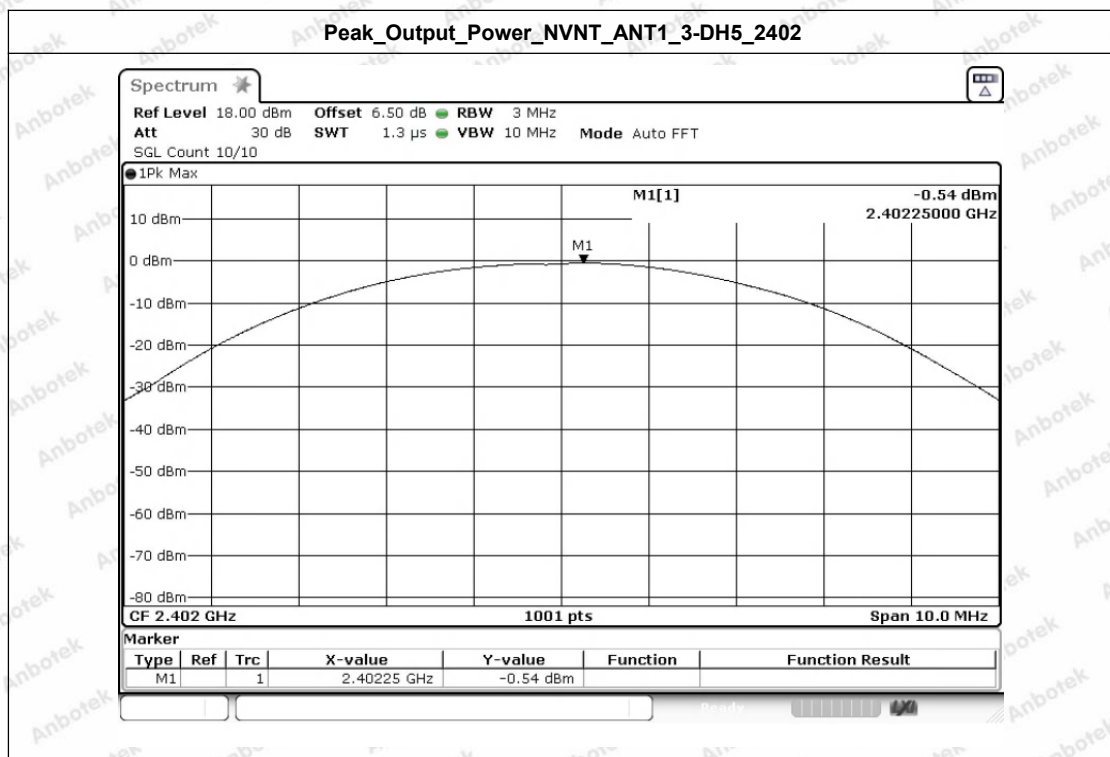
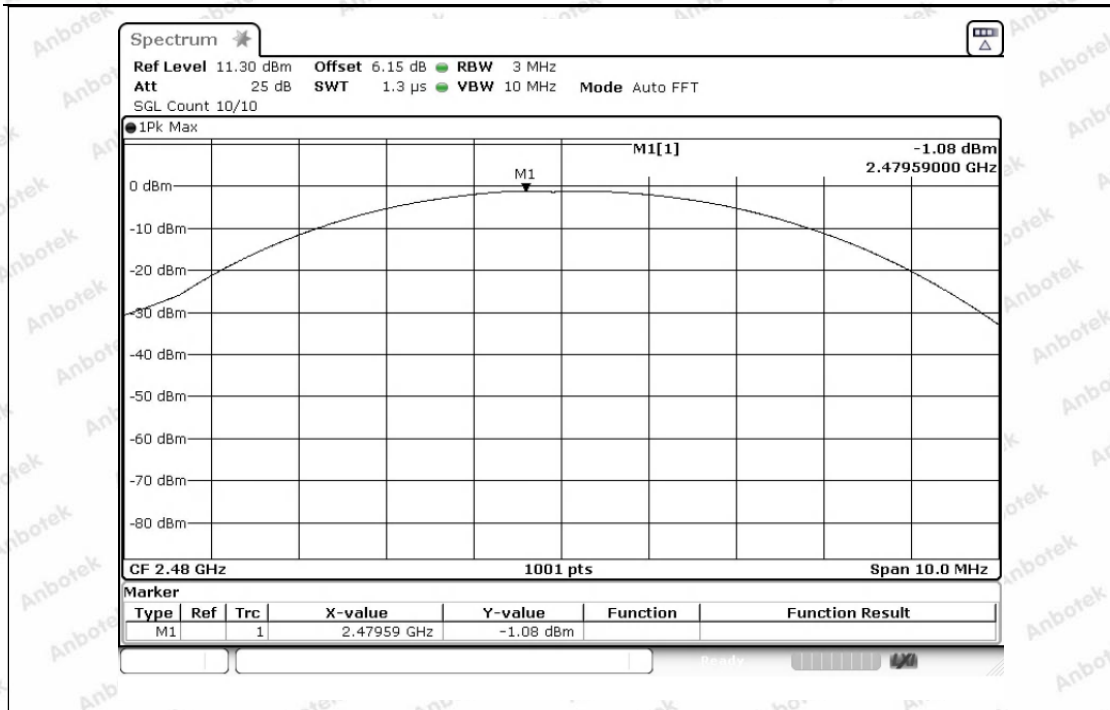
Peak_Output_Power_NVNT_ANT1_2-DH5_2402





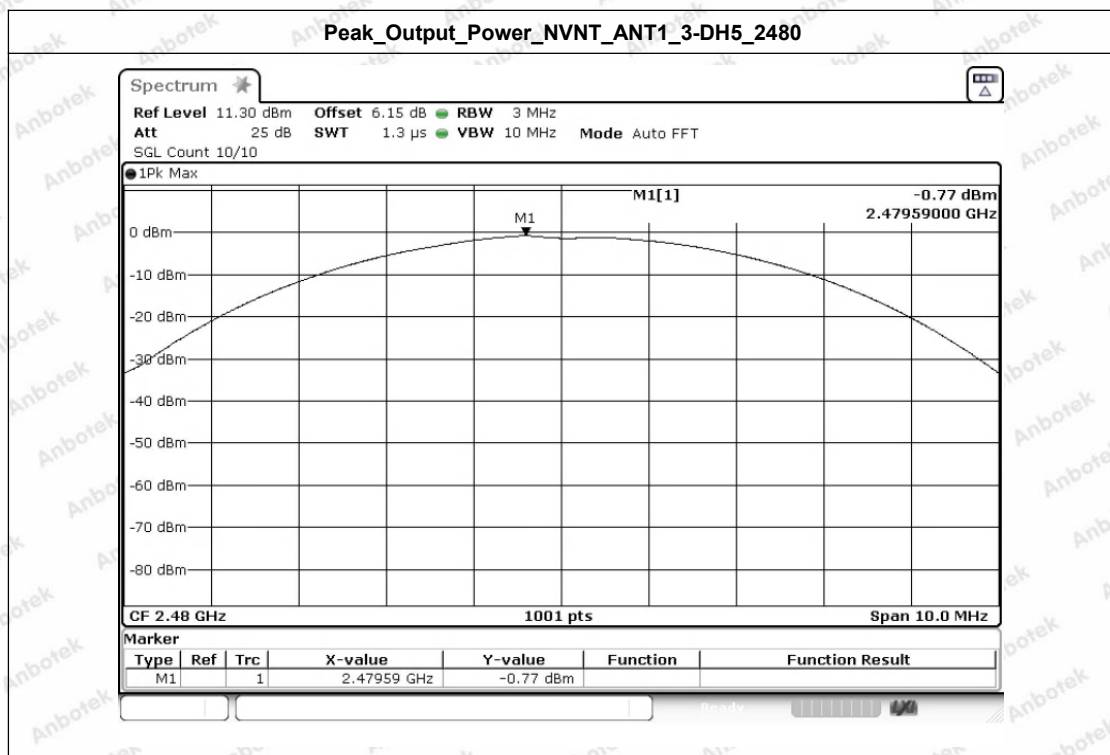
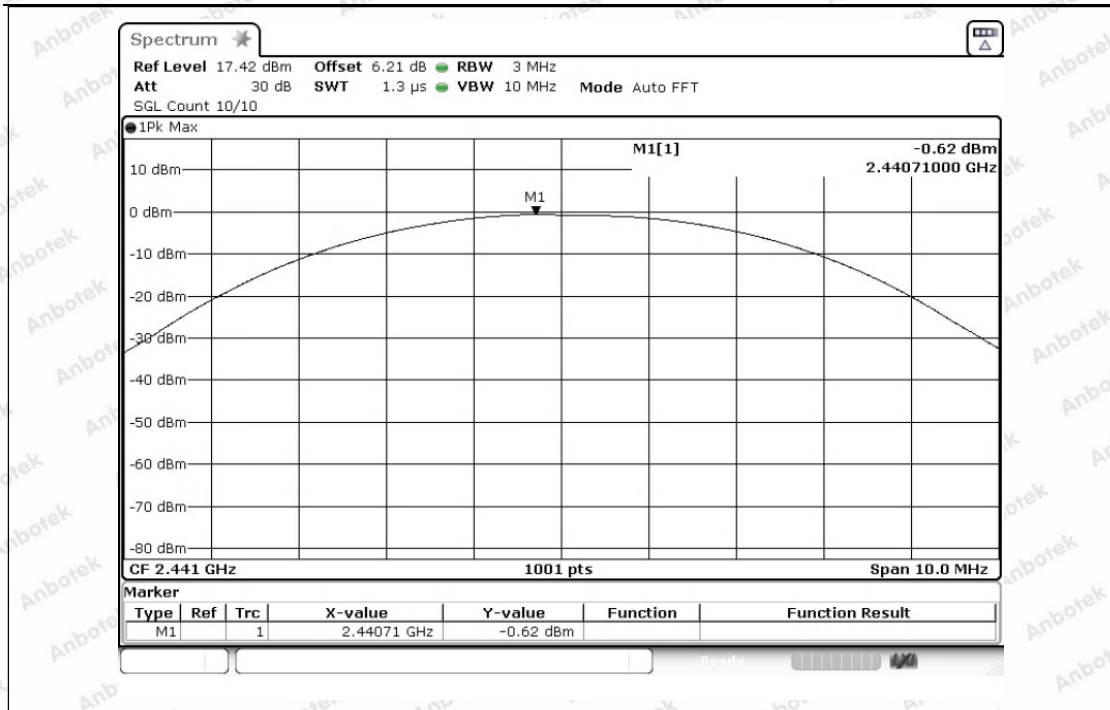
Peak_Output_Power_NVNT_ANT1_2-DH5_2480





Peak_Output_Power_NVNT_ANT1_3-DH5_2441

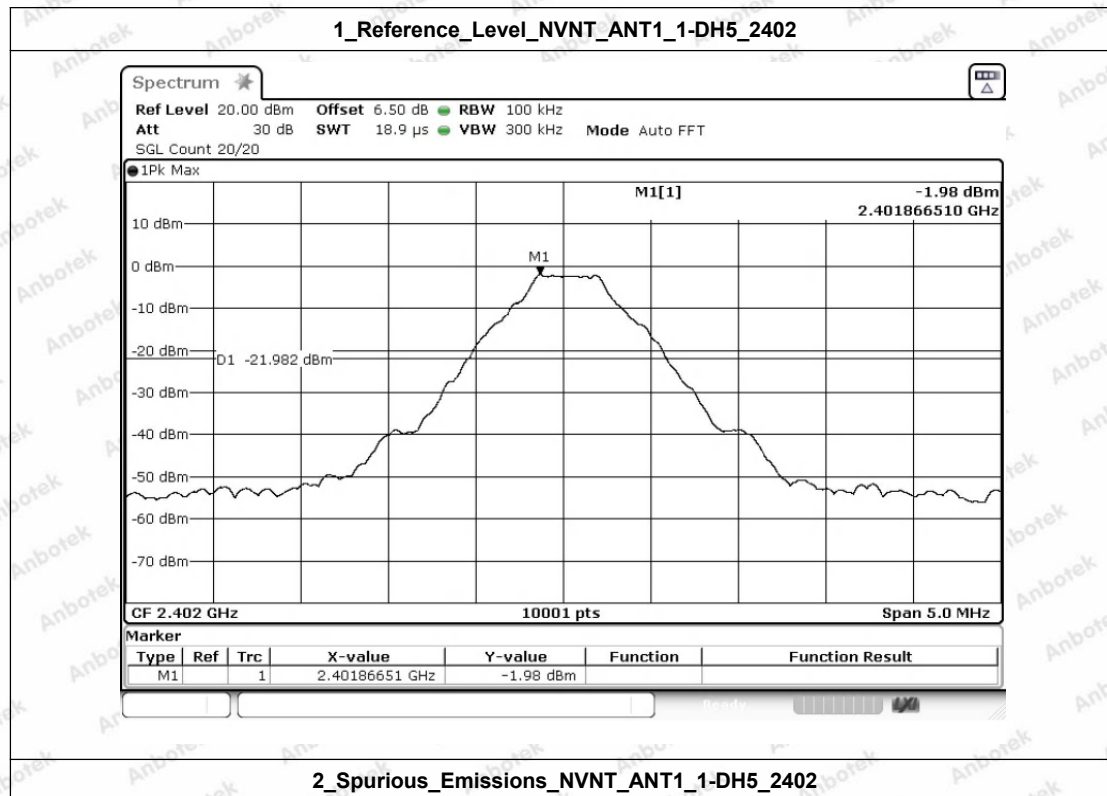




Appendix D: Spurious Emissions

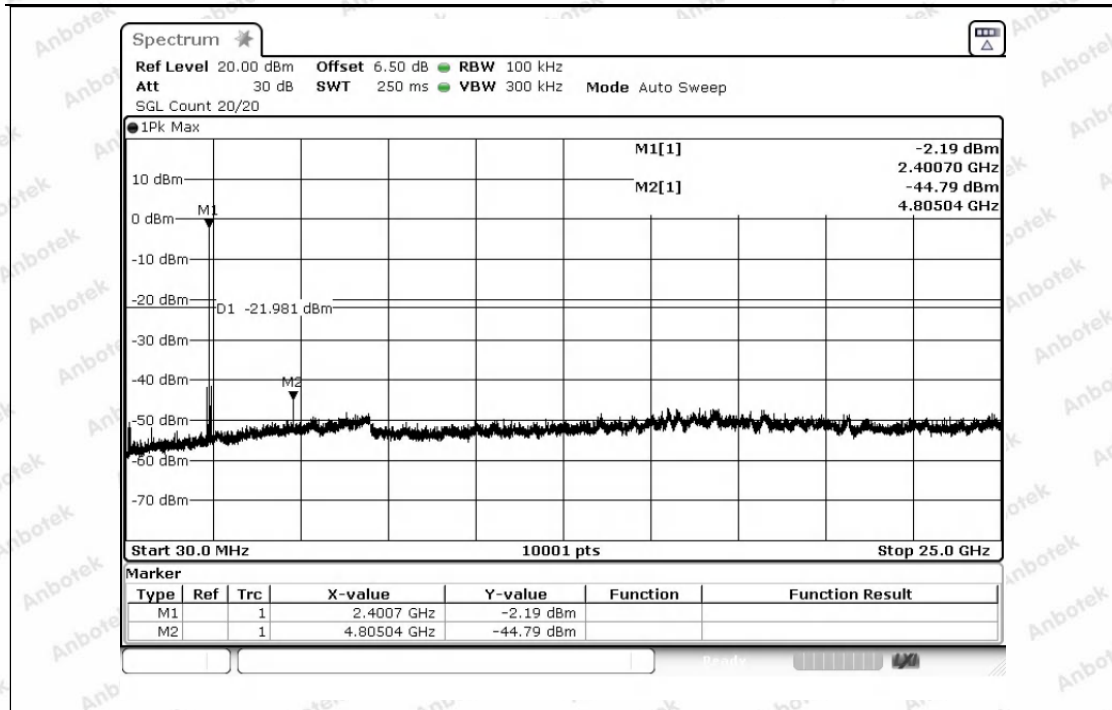
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-44.790	-21.981	Pass
NVNT	ANT1	1-DH5	2441.00	-46.532	-21.881	Pass
NVNT	ANT1	1-DH5	2480.00	-45.340	-22.372	Pass
NVNT	ANT1	2-DH5	2402.00	-37.489	-21.885	Pass
NVNT	ANT1	2-DH5	2441.00	-46.852	-22.002	Pass
NVNT	ANT1	2-DH5	2480.00	-45.334	-22.349	Pass
NVNT	ANT1	3-DH5	2402.00	-32.223	-21.933	Pass
NVNT	ANT1	3-DH5	2441.00	-46.810	-21.935	Pass
NVNT	ANT1	3-DH5	2480.00	-40.468	-22.278	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402

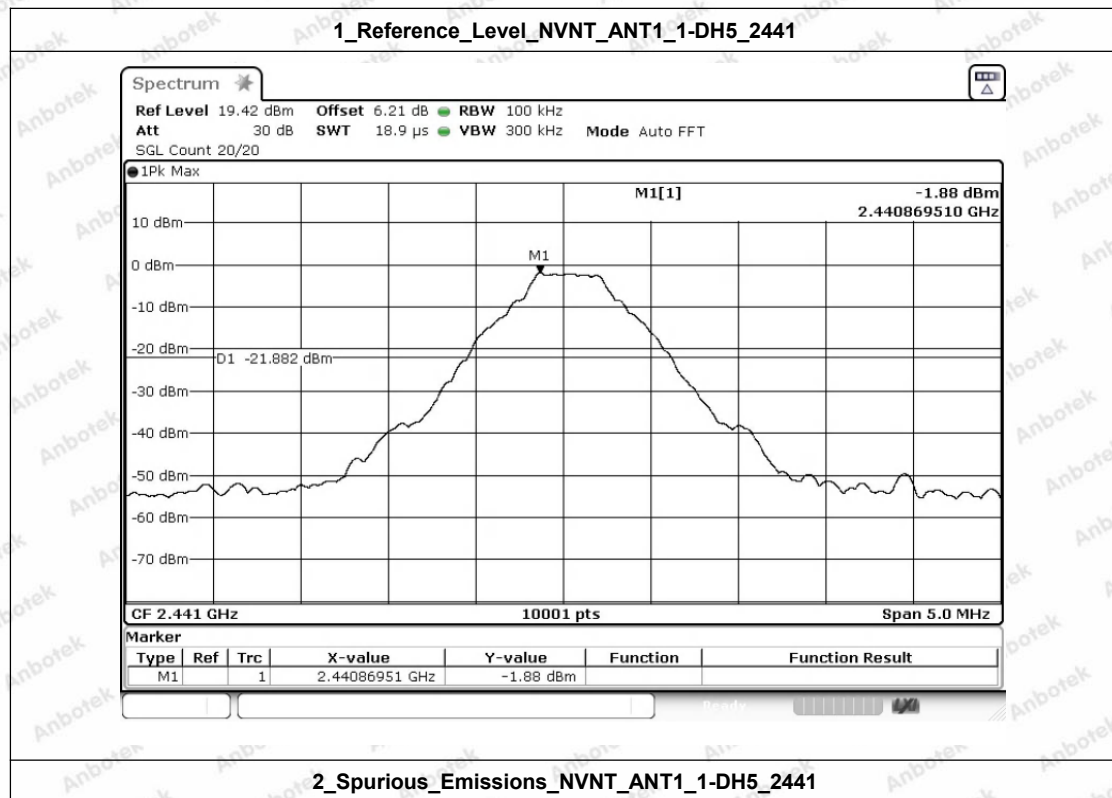


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402





1_Reference_Level_NVNT_ANT1_1-DH5_2441



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441

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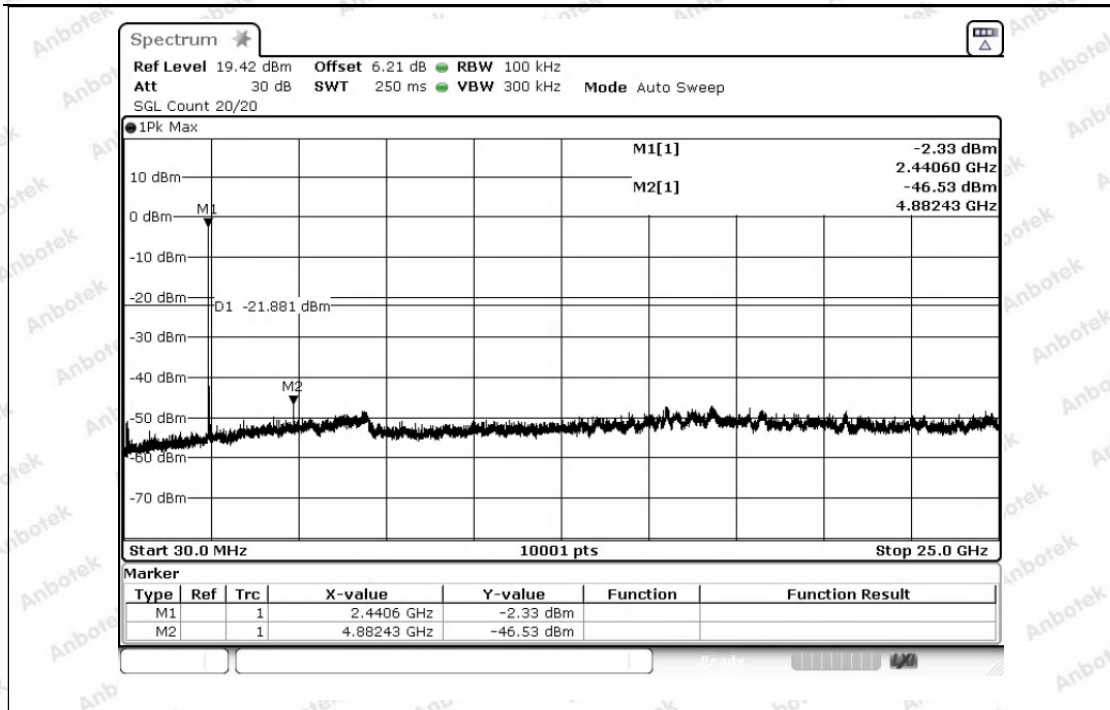
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



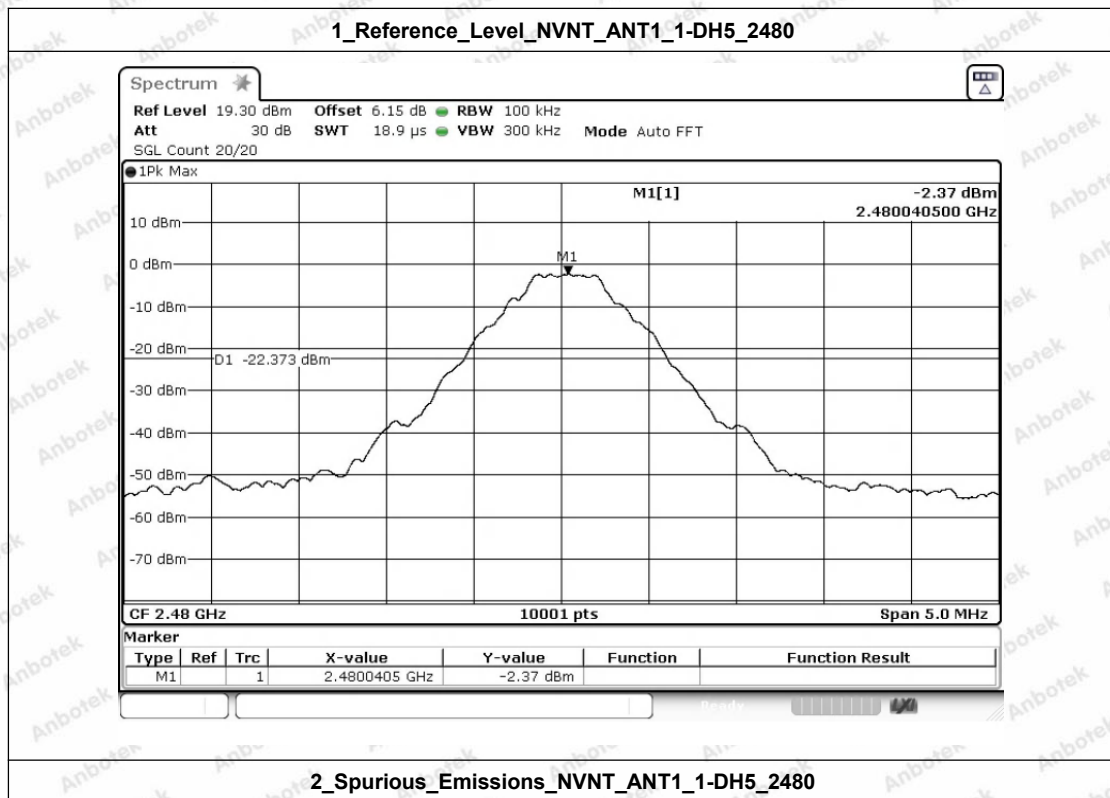
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1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480

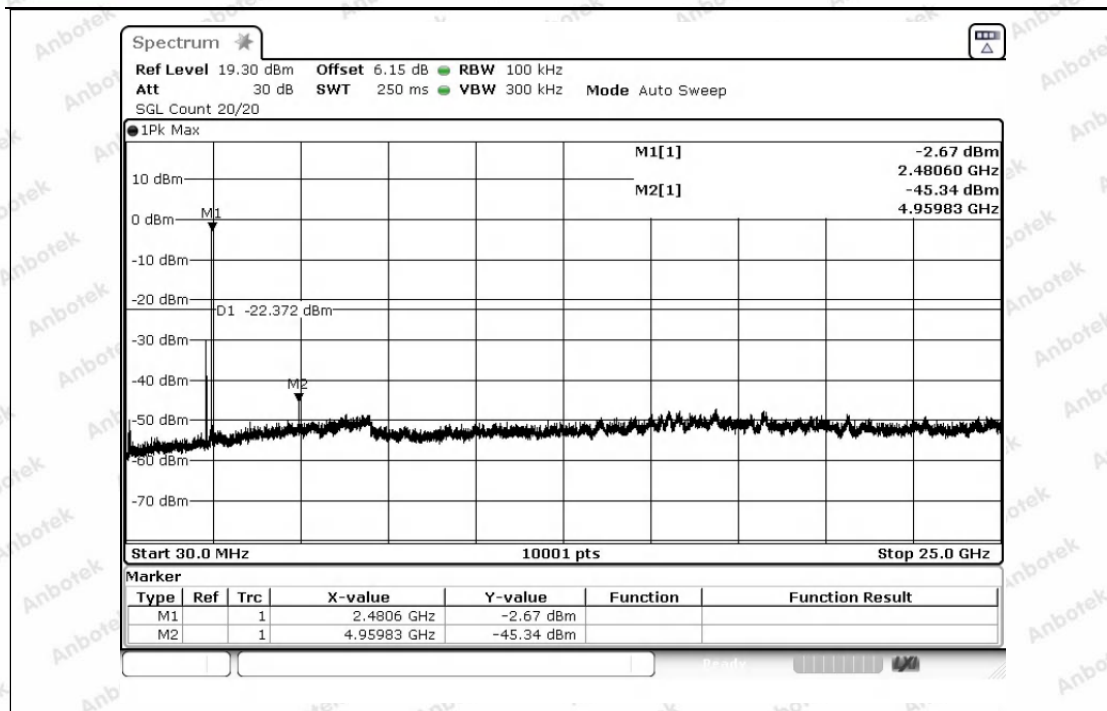
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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

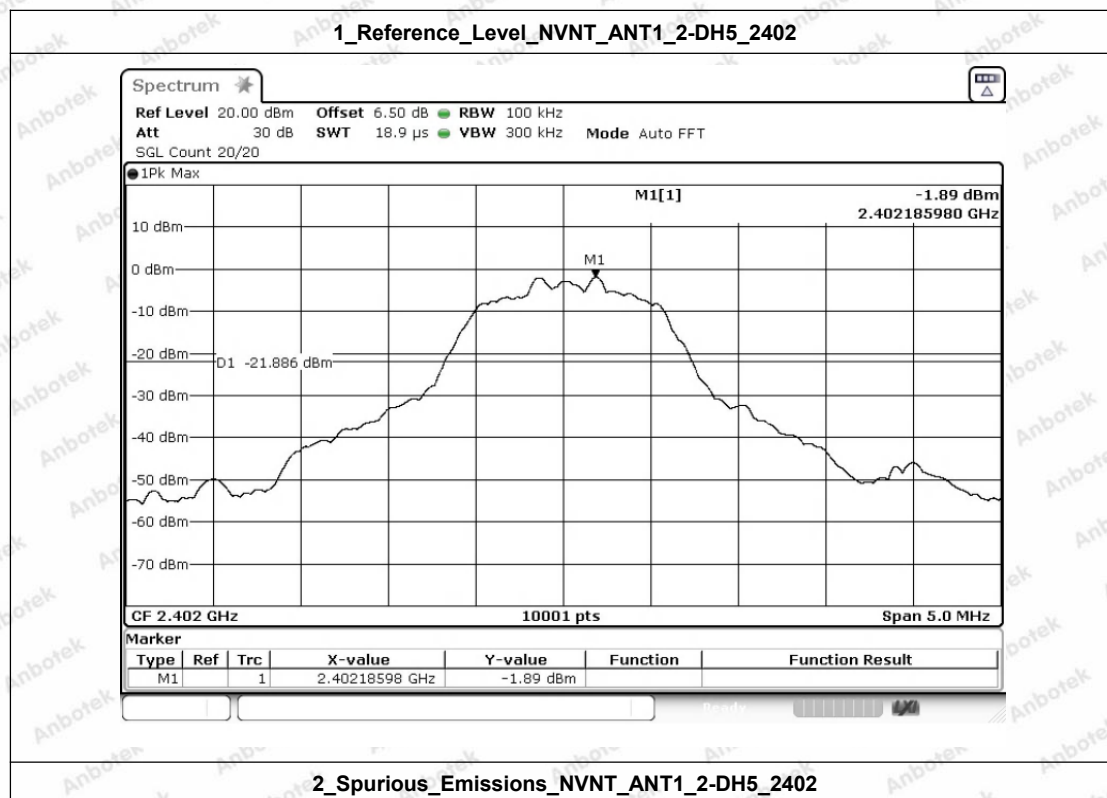


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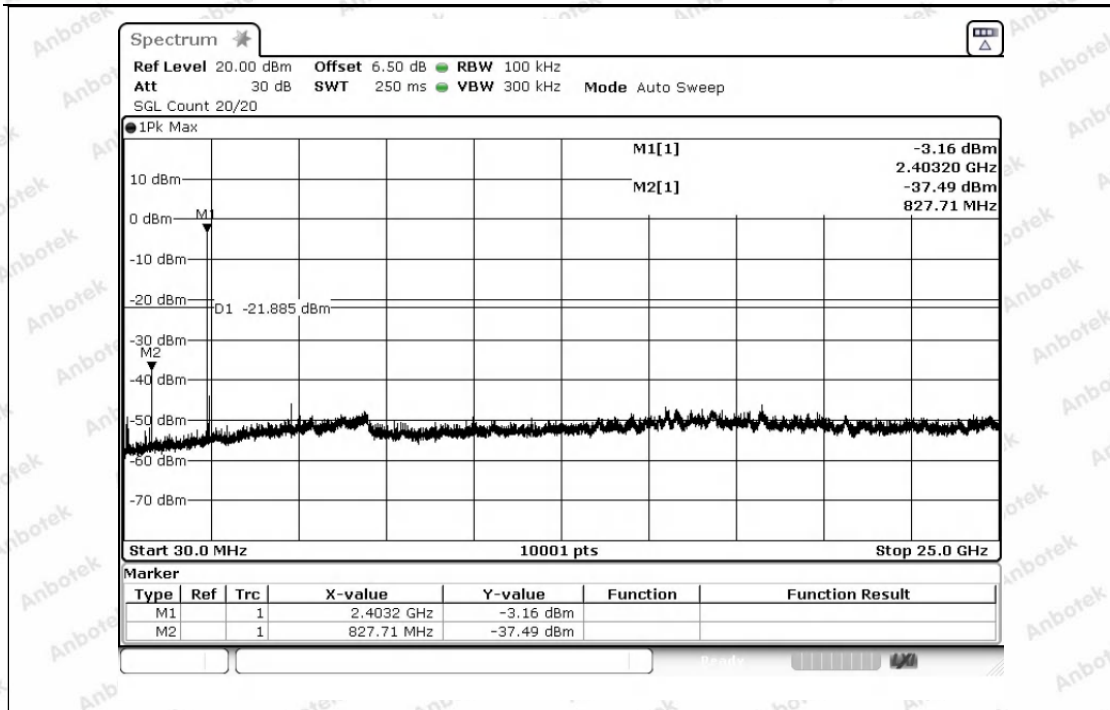


1_Reference_Level_NVNT_ANT1_2-DH5_2402

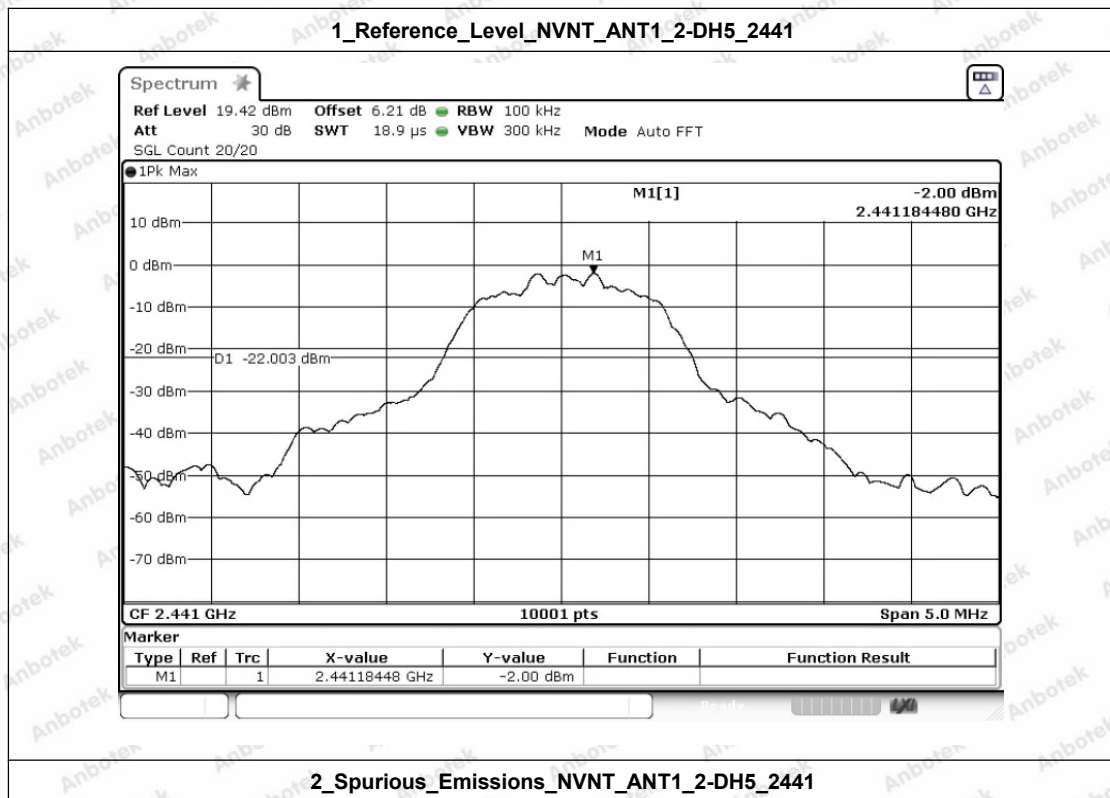


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402



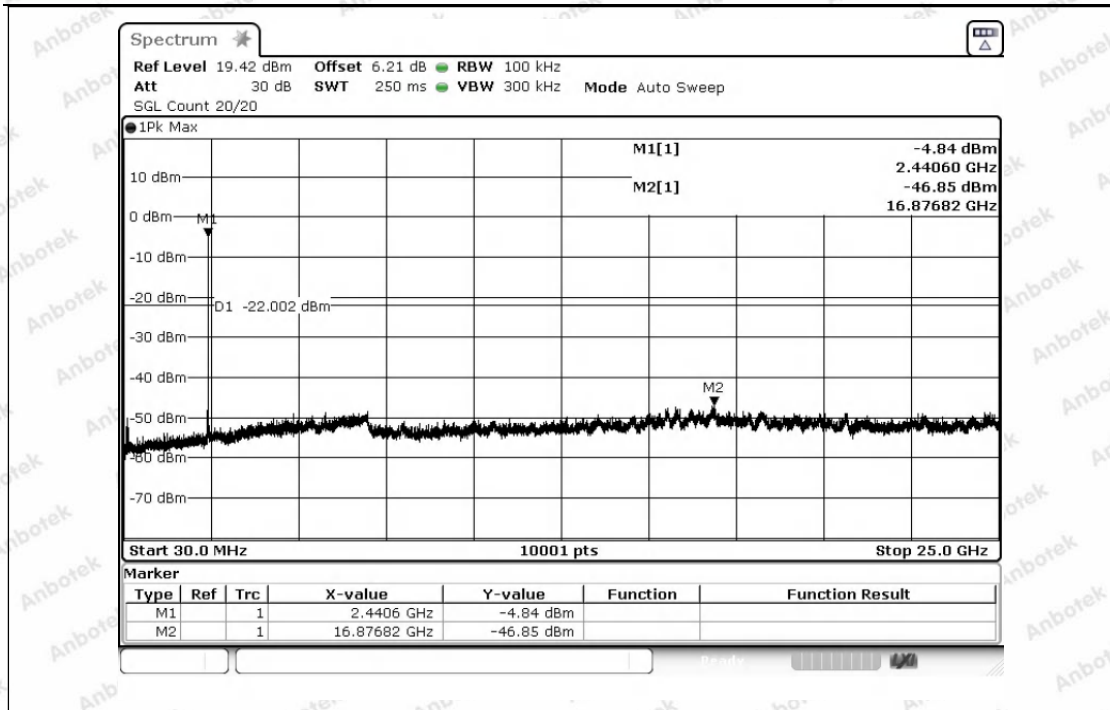


1_Reference_Level_NVNT_ANT1_2-DH5_2441

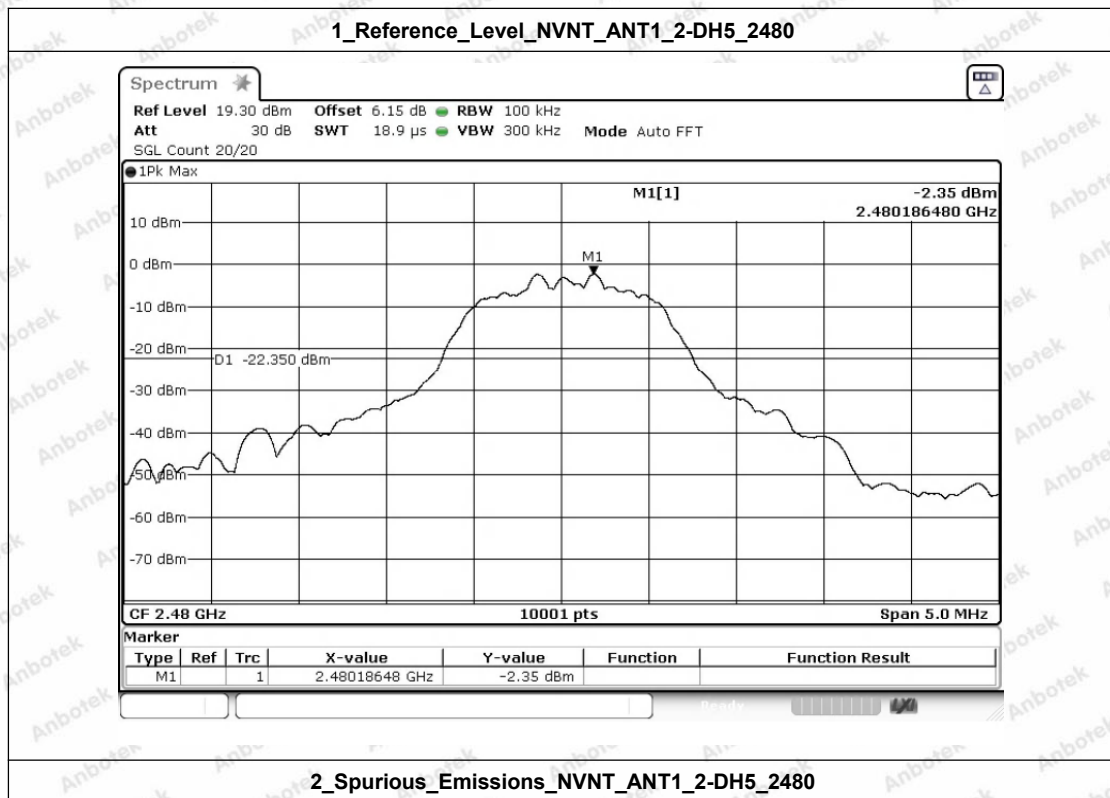


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441





1_Reference_Level_NVNT_ANT1_2-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480

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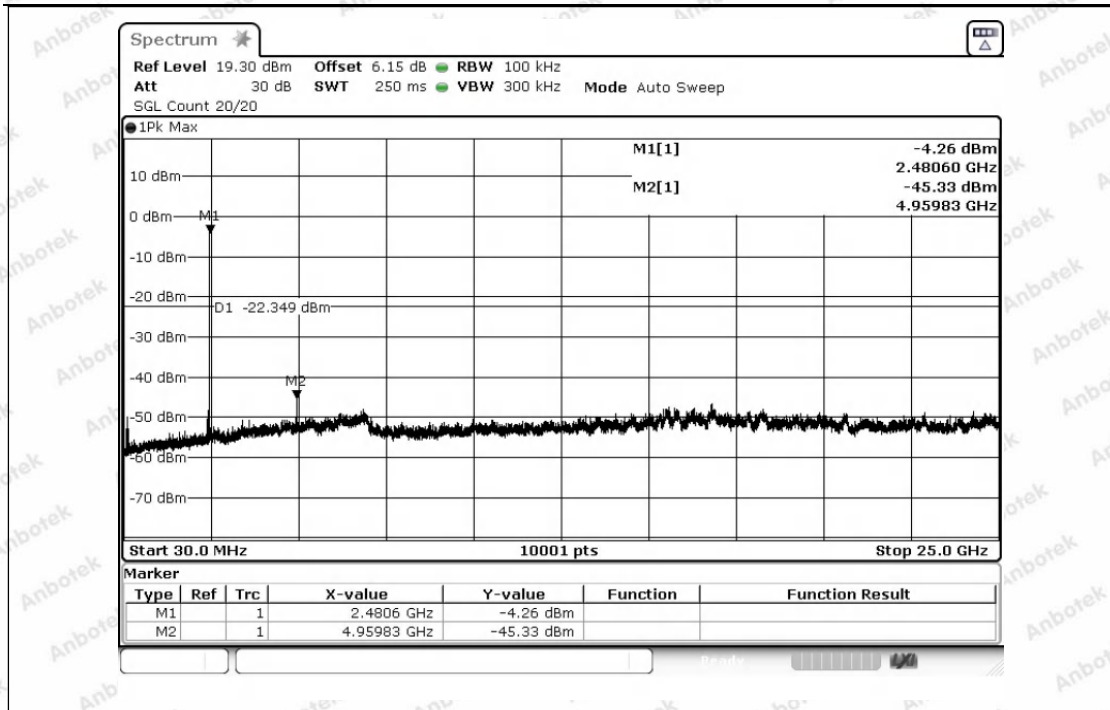
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



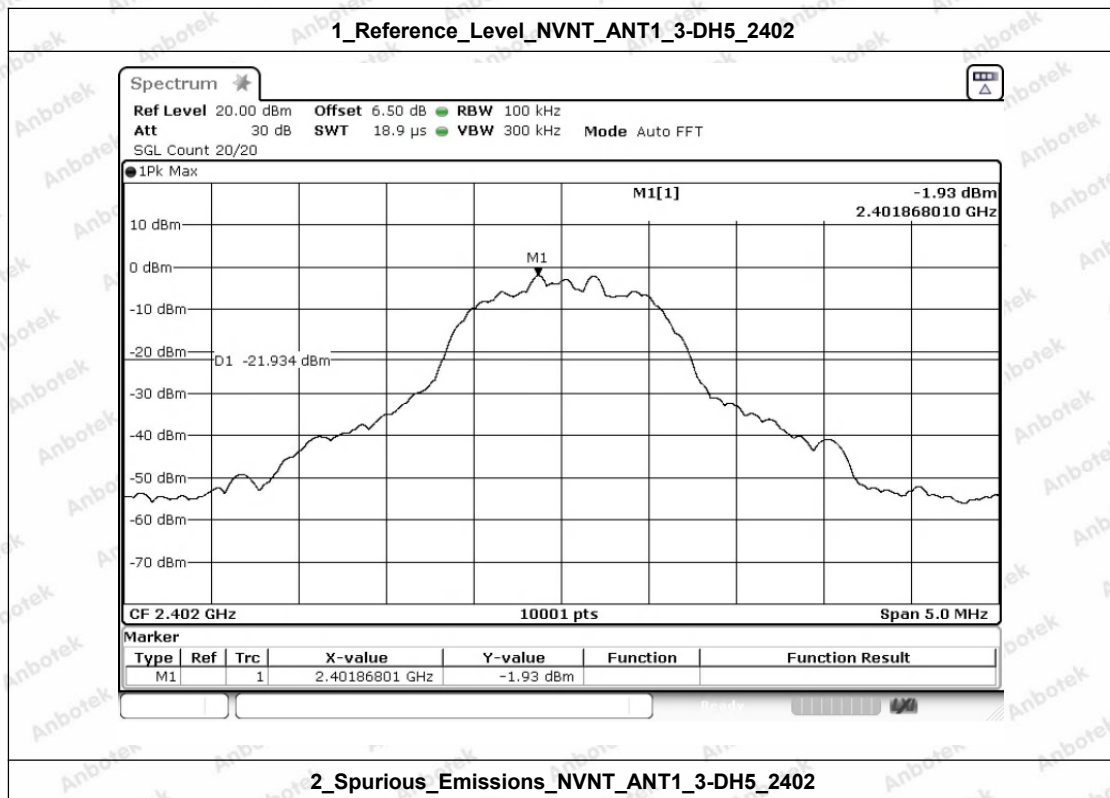
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1_Reference_Level_NVNT_ANT1_3-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402

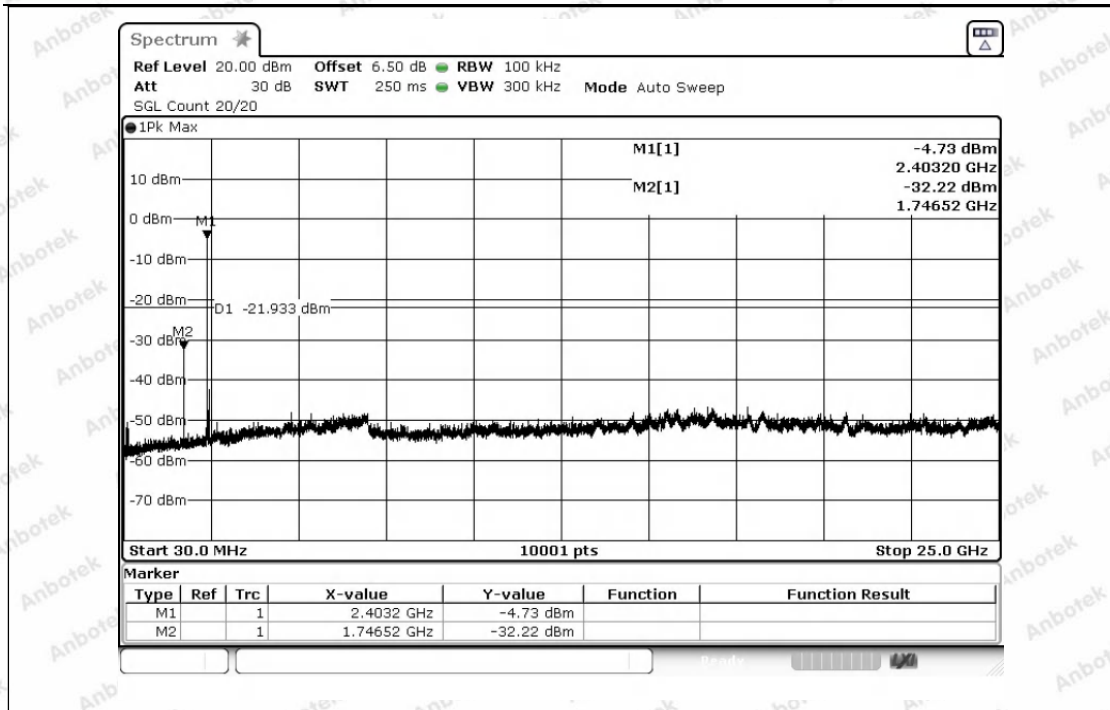
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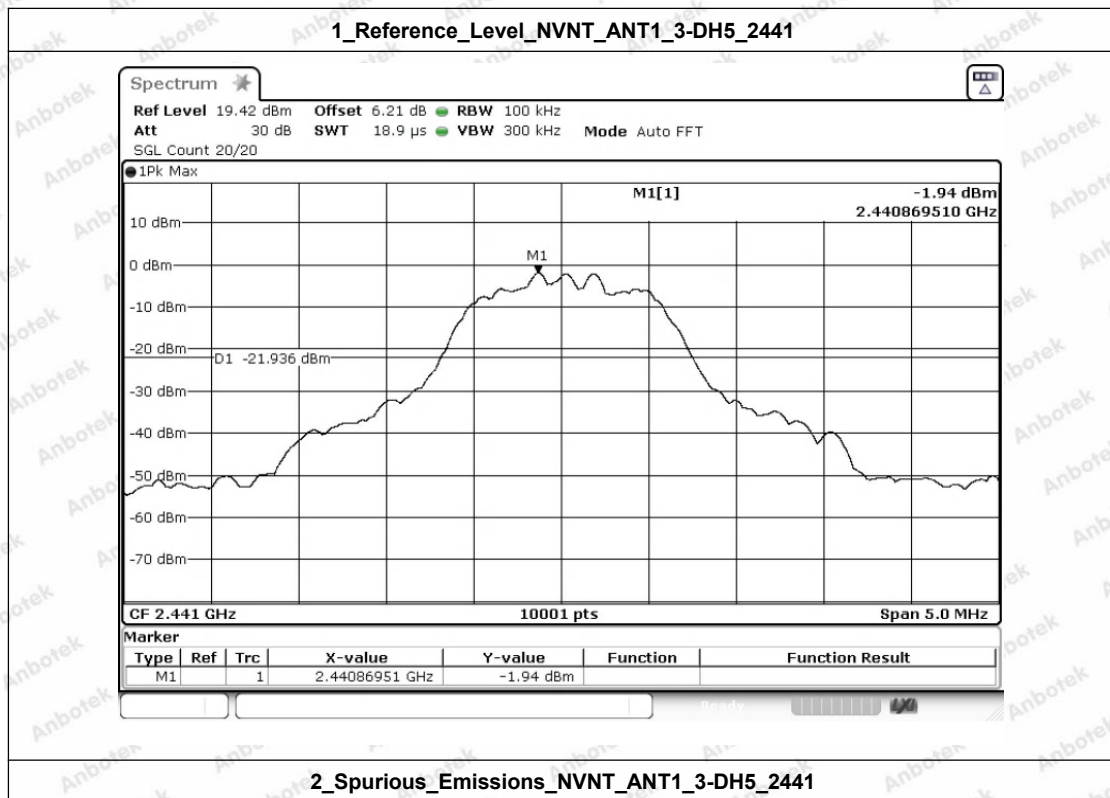


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1_Reference_Level_NVNT_ANT1_3-DH5_2441



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441

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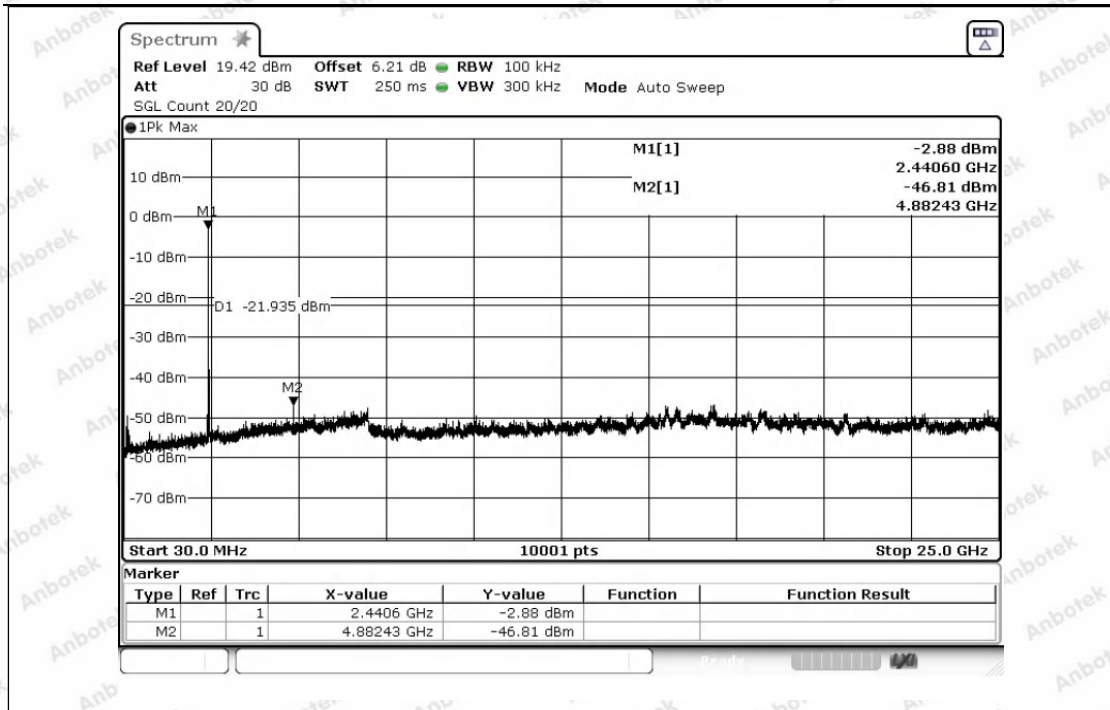
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



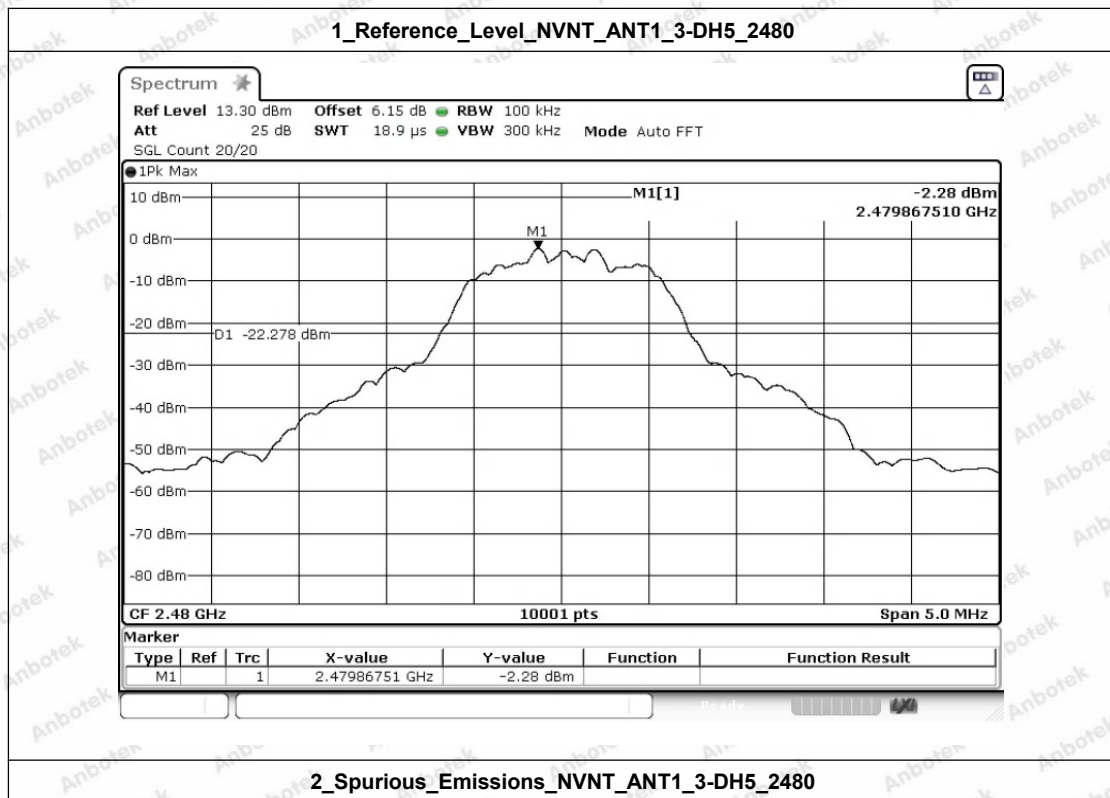
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1_Reference_Level_NVNT_ANT1_3-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480

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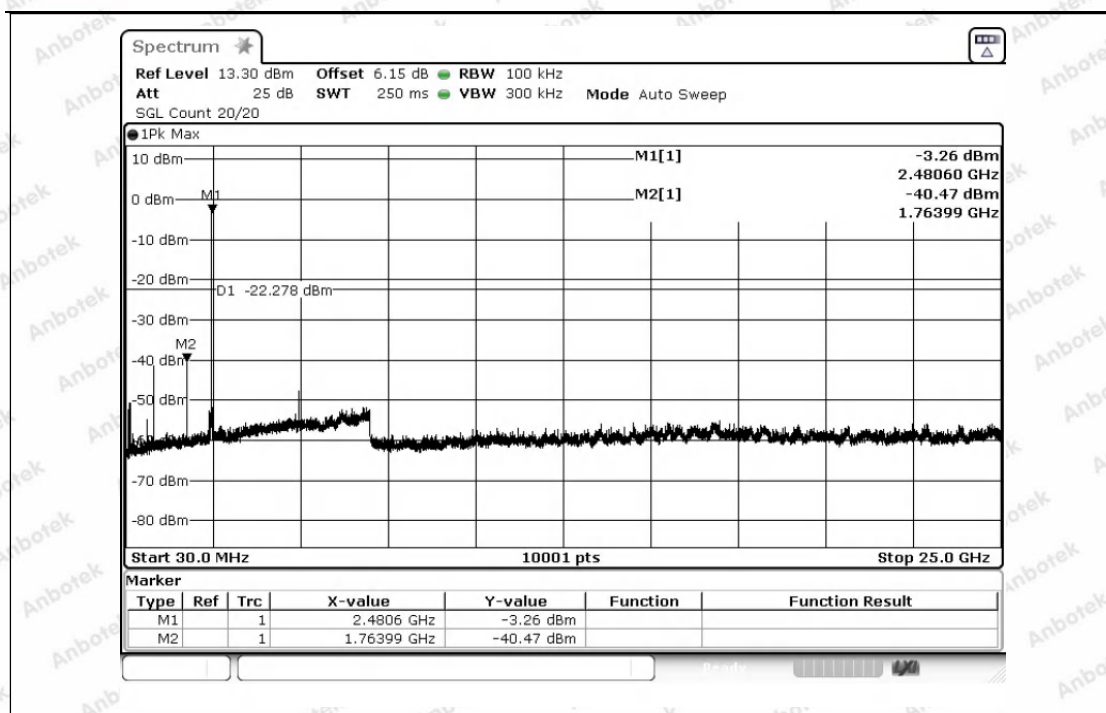
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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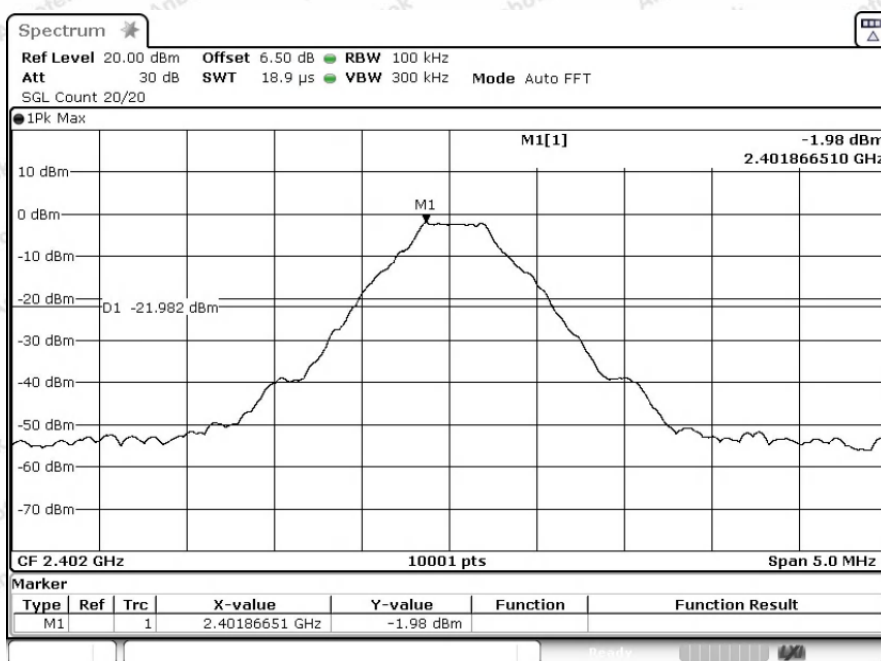


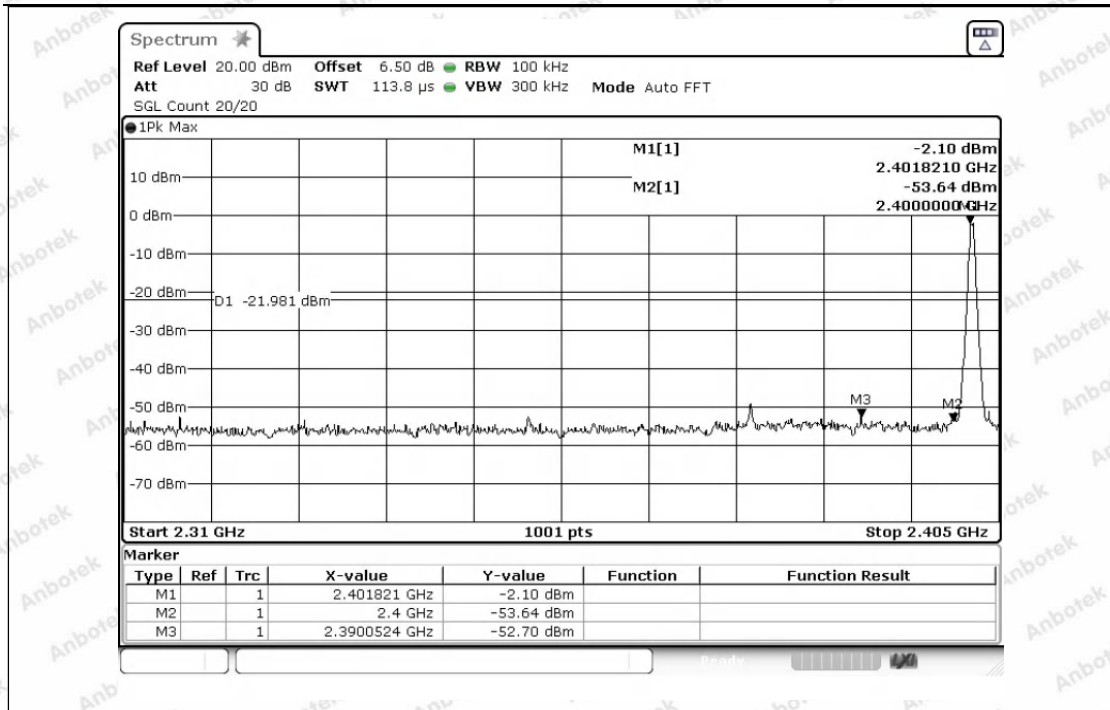
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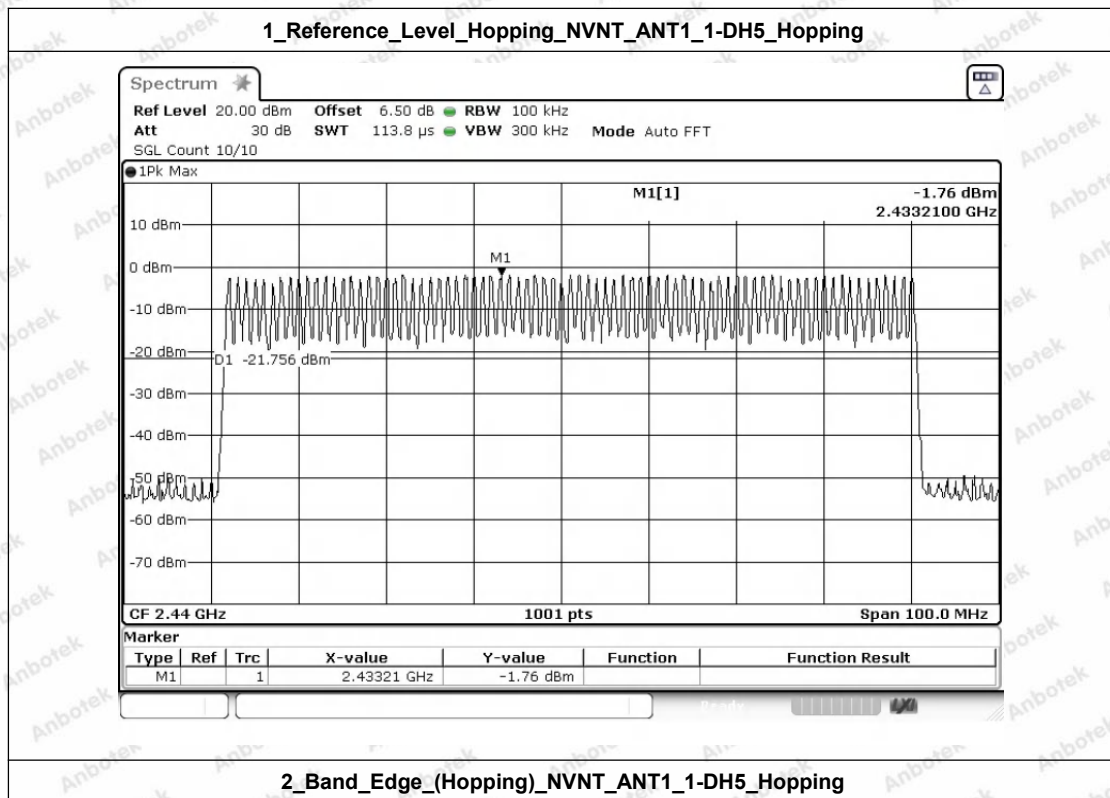
Appendix E: Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-52.699	-21.981	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-49.848	-21.755	Pass
NVNT	ANT1	1-DH5	2480.00	-53.046	-22.372	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-49.958	-22.024	Pass
NVNT	ANT1	2-DH5	2402.00	-52.273	-21.885	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-52.533	-21.625	Pass
NVNT	ANT1	2-DH5	2480.00	-52.155	-22.349	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-51.053	-21.863	Pass
NVNT	ANT1	3-DH5	2402.00	-51.607	-21.933	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-52.929	-22.000	Pass
NVNT	ANT1	3-DH5	2480.00	-54.693	-22.278	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-51.383	-22.210	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402**2_Bandedge_NVNT_ANT1_1-DH5_2402**

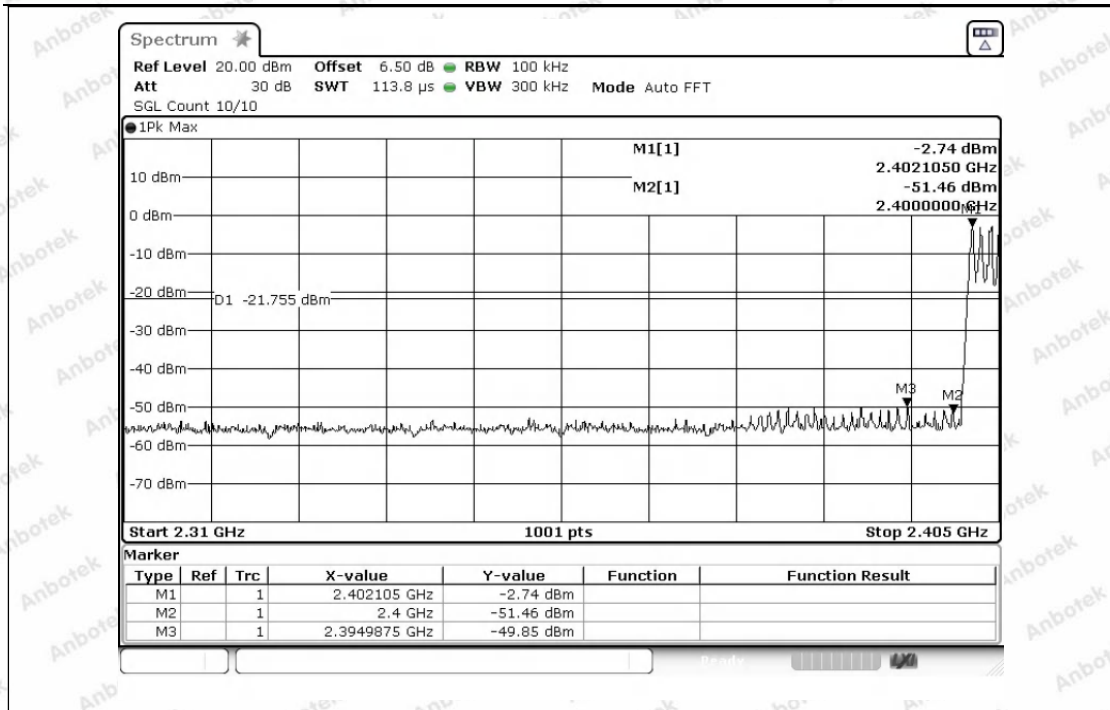


1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping

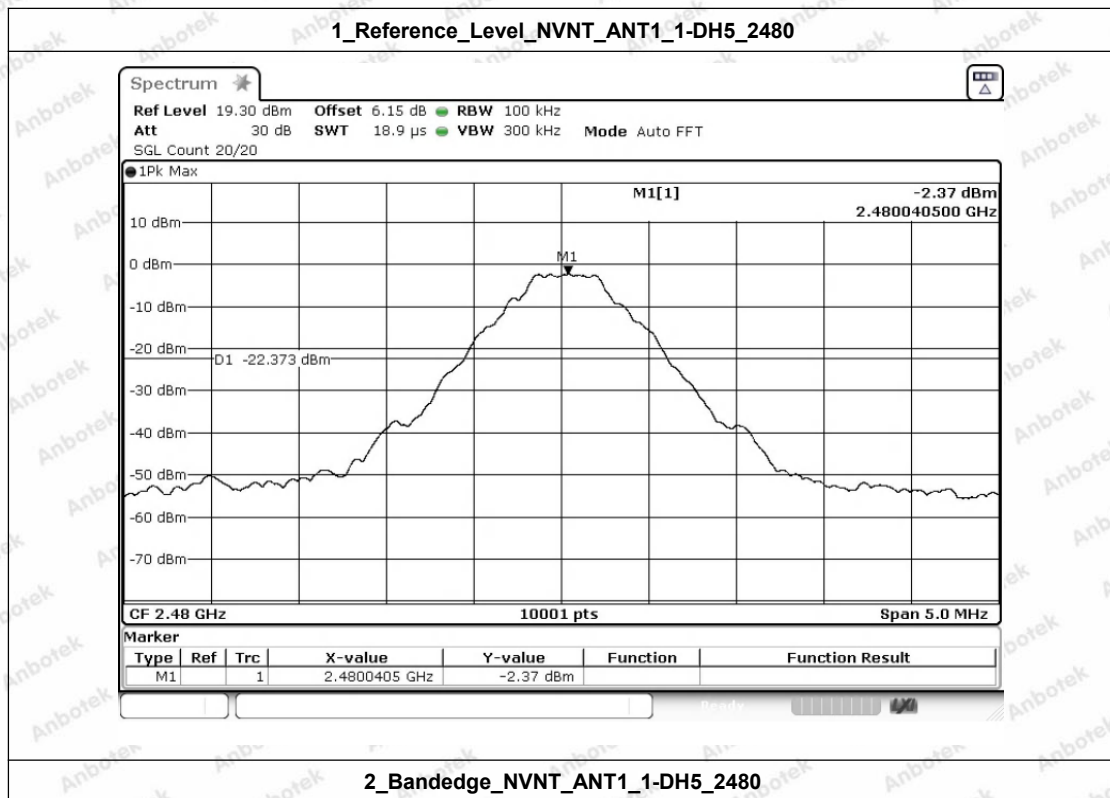


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping





1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Bandedge_NVNT_ANT1_1-DH5_2480

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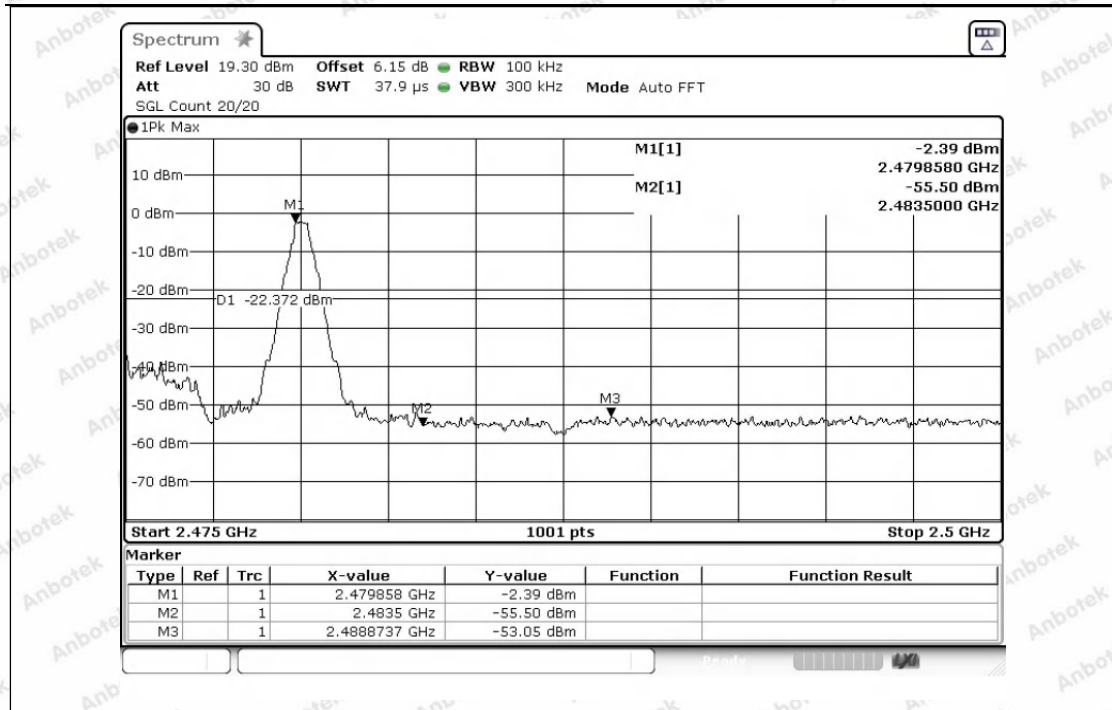
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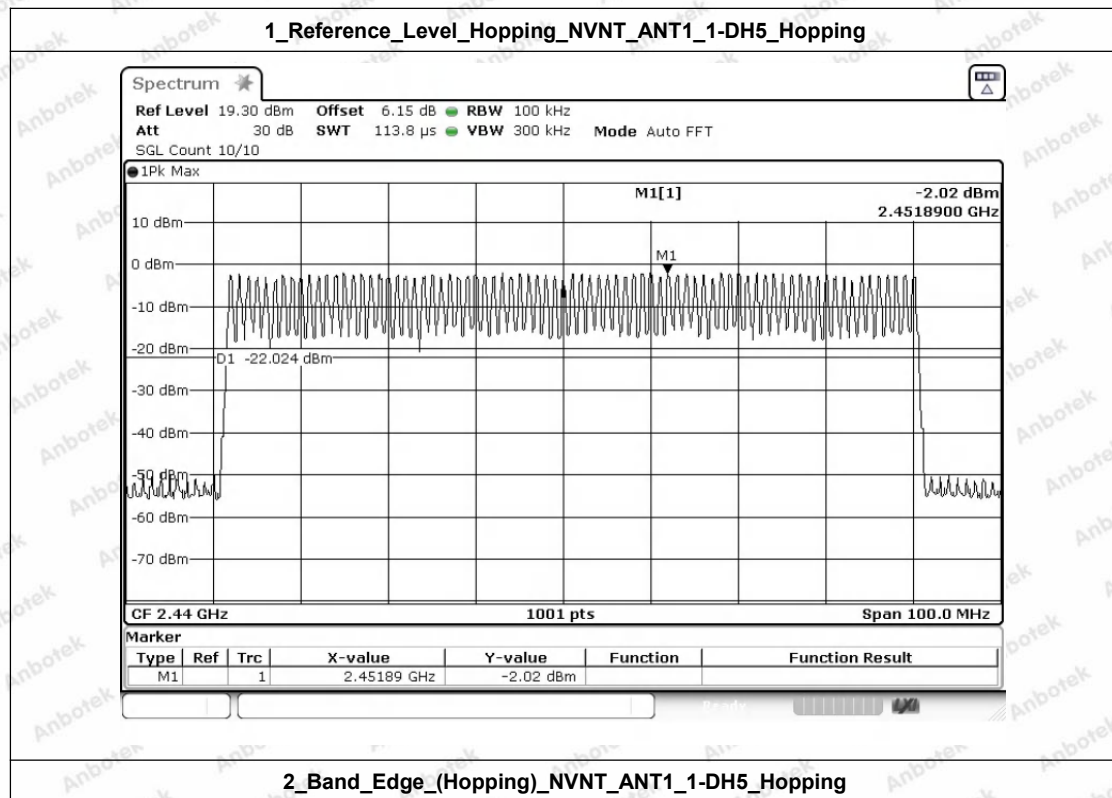
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1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

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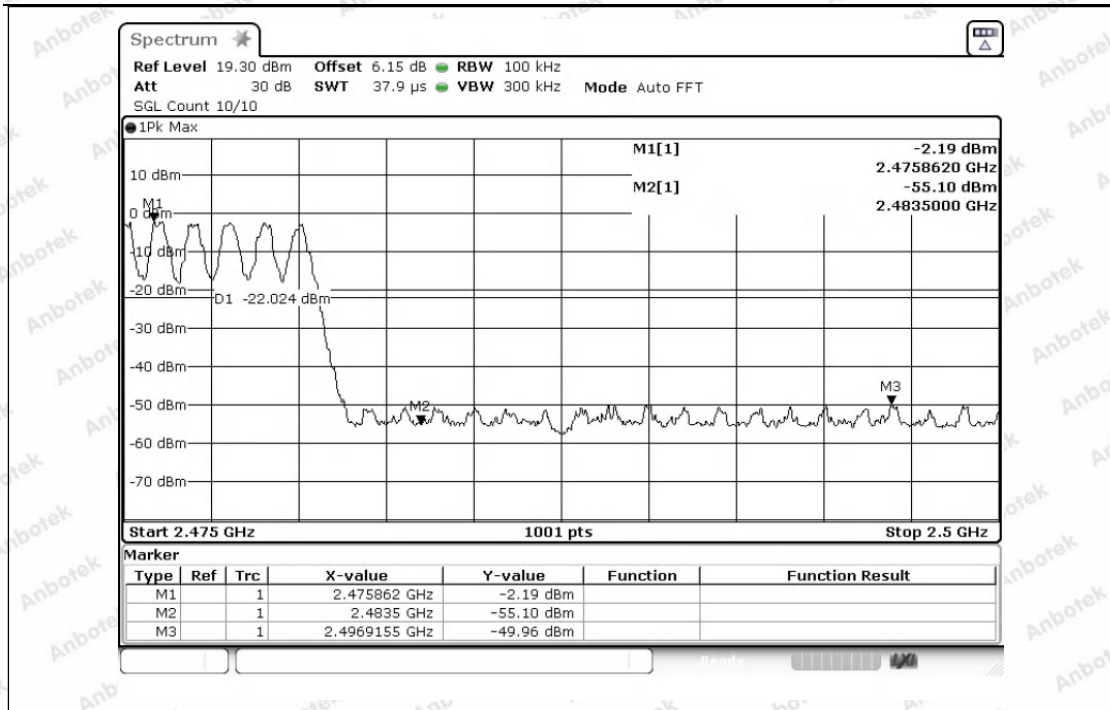
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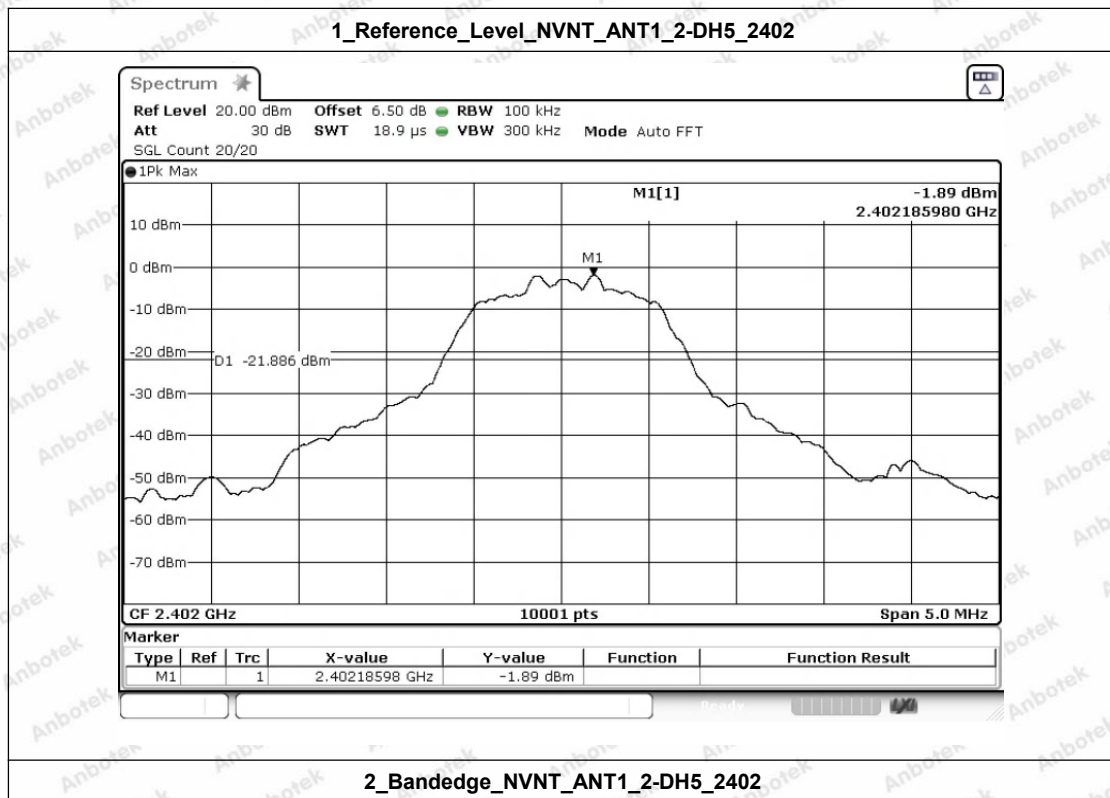
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1_Reference_Level_NVNT_ANT1_2-DH5_2402



2_Bandedge_NVNT_ANT1_2-DH5_2402

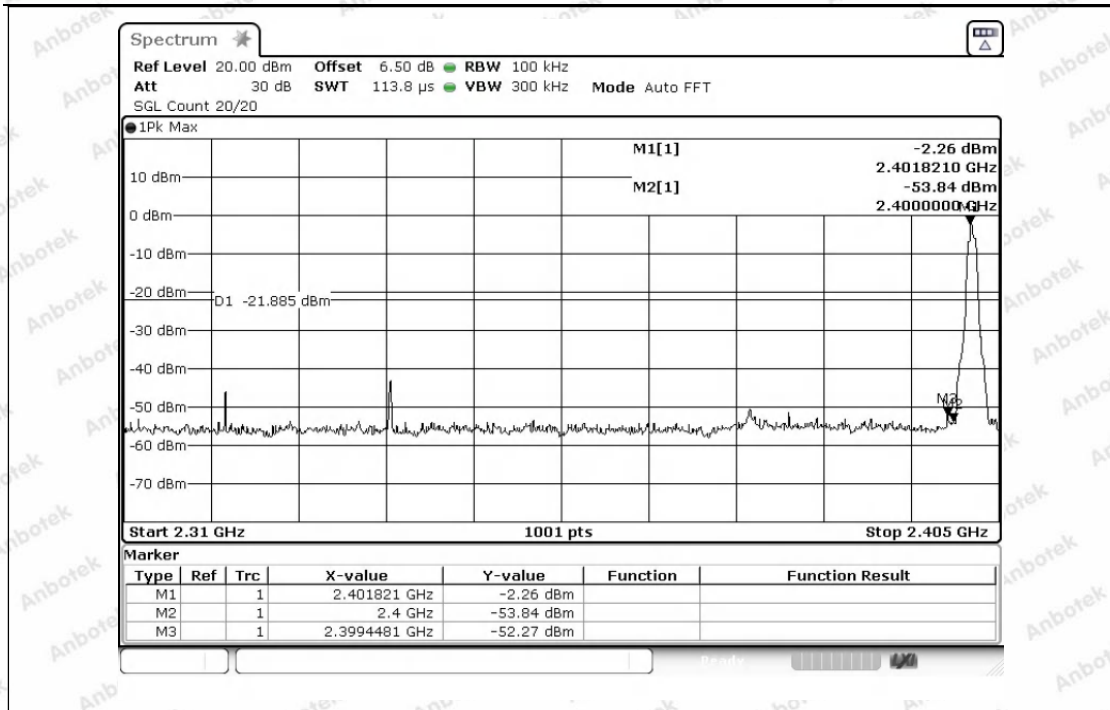
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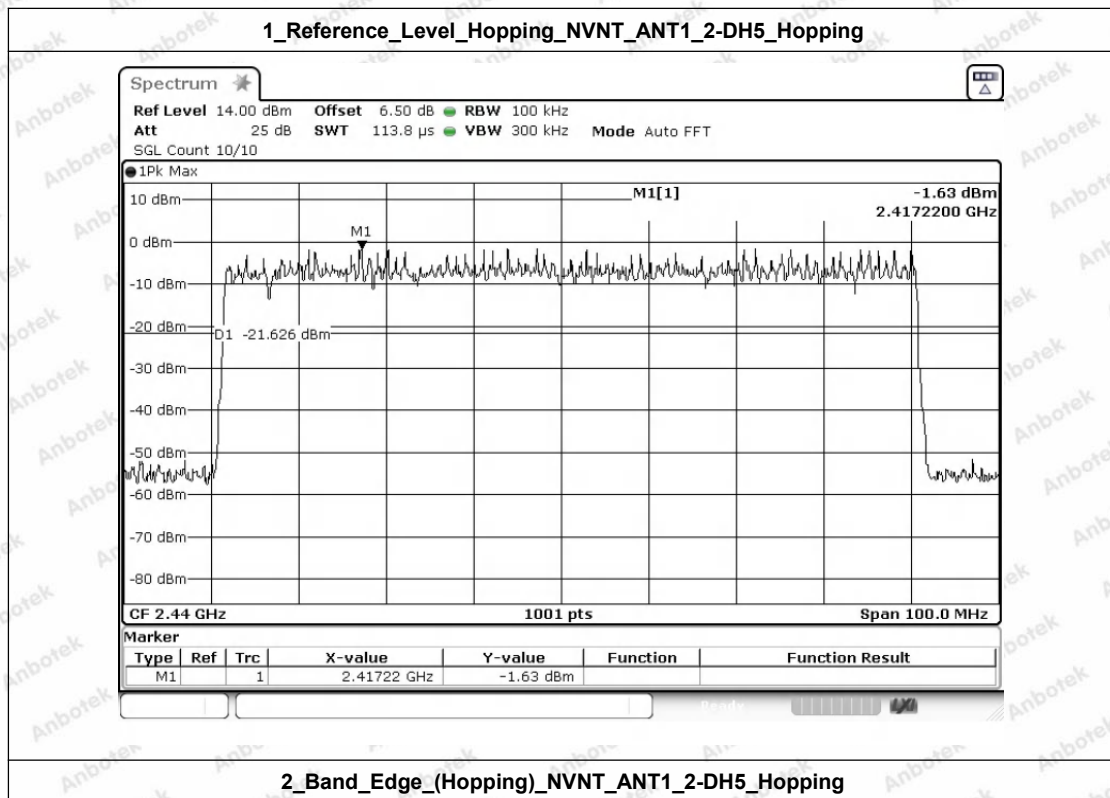


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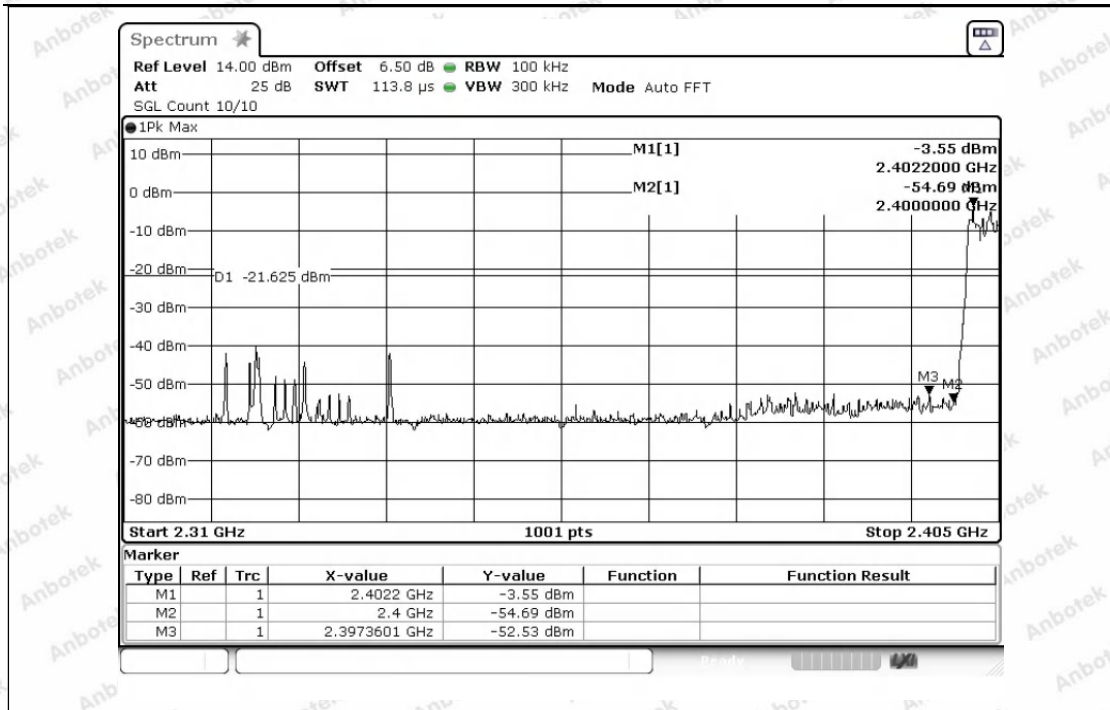


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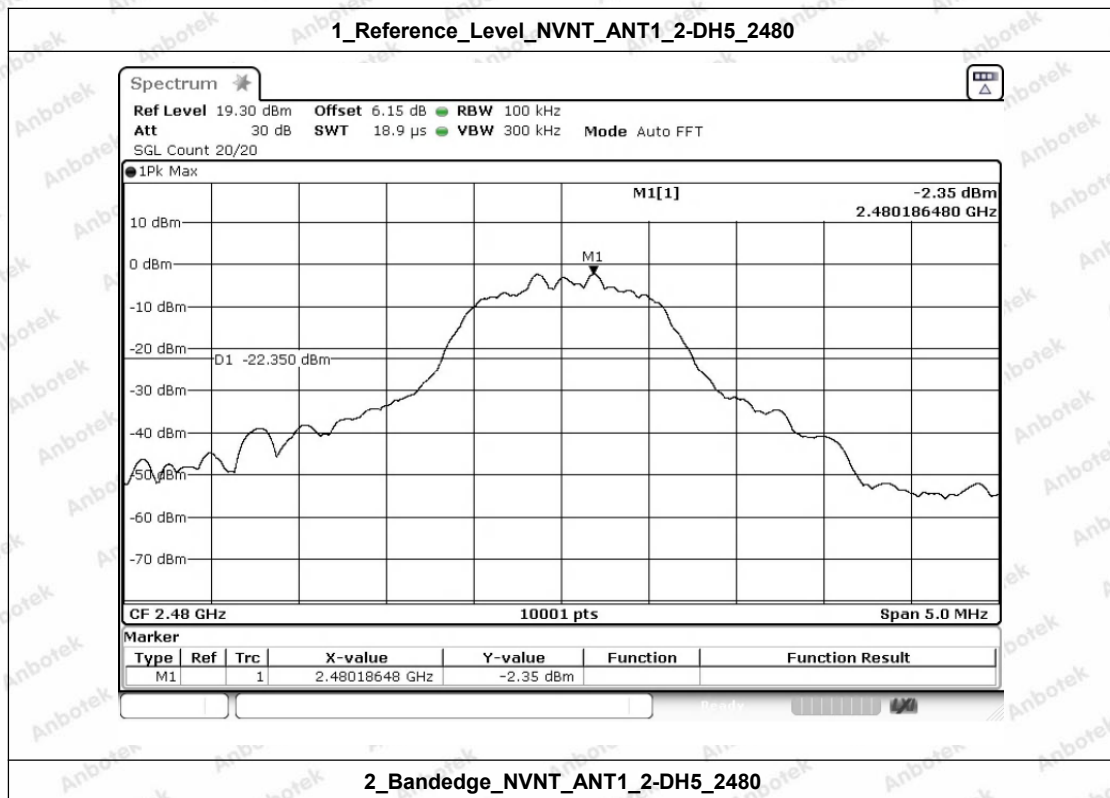


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping



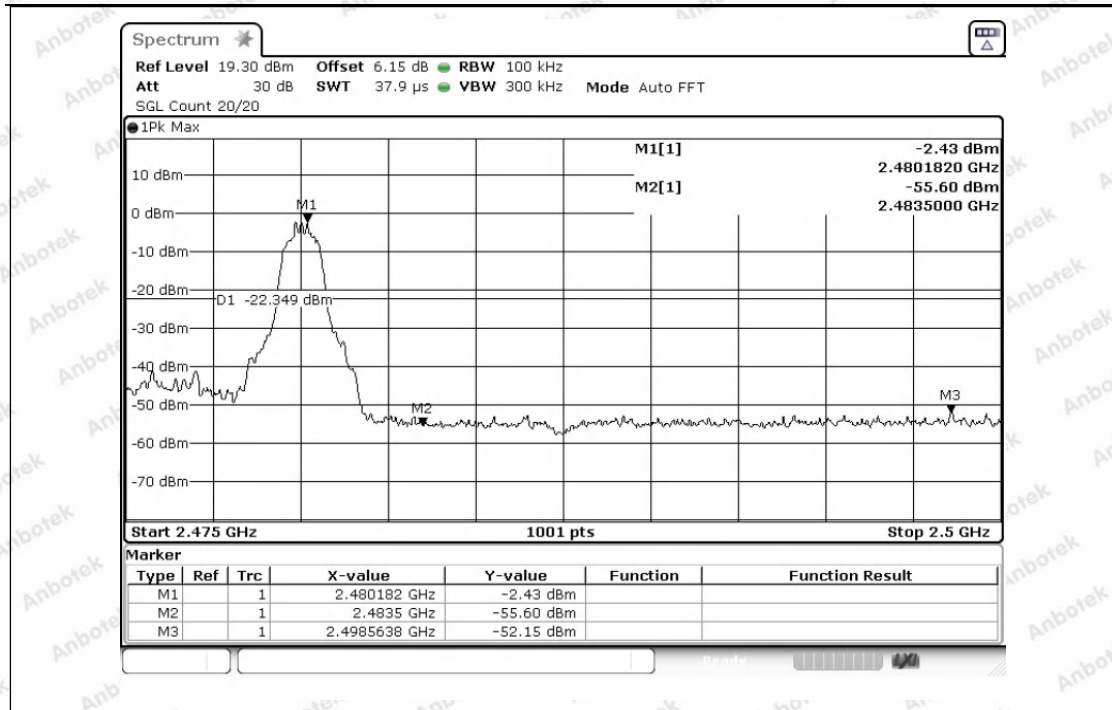


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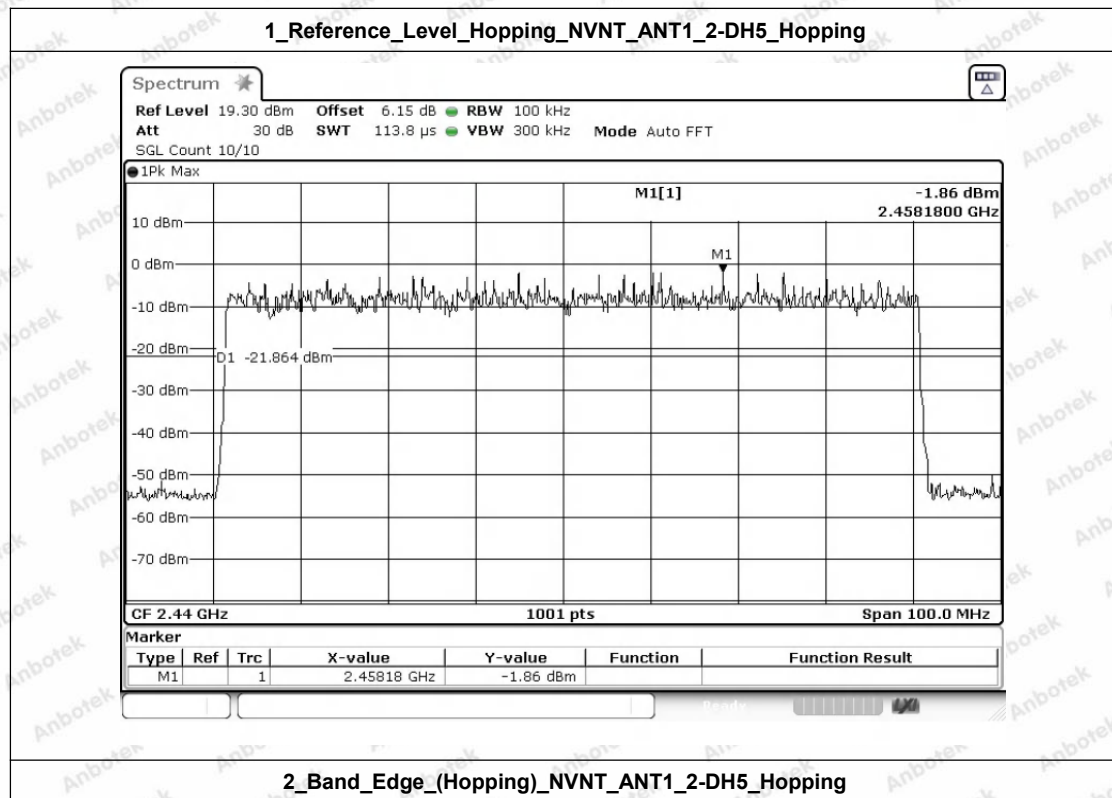


2_Bandedge_NVNT_ANT1_2-DH5_2480





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

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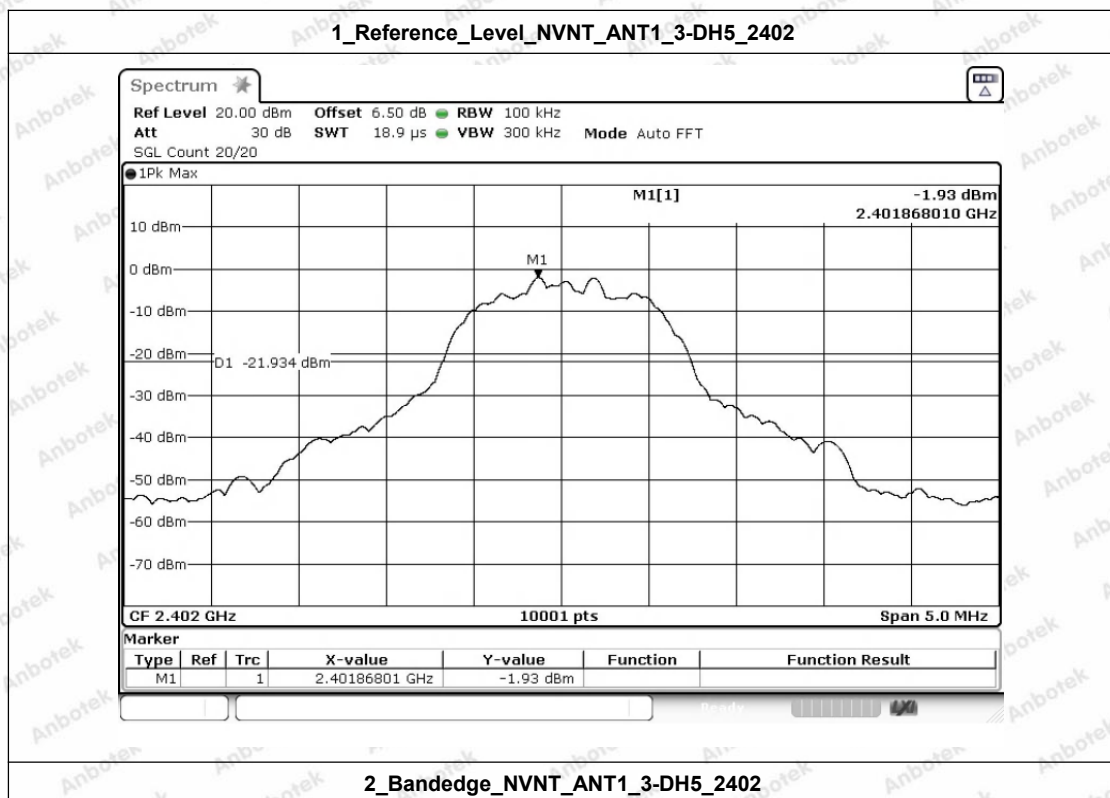
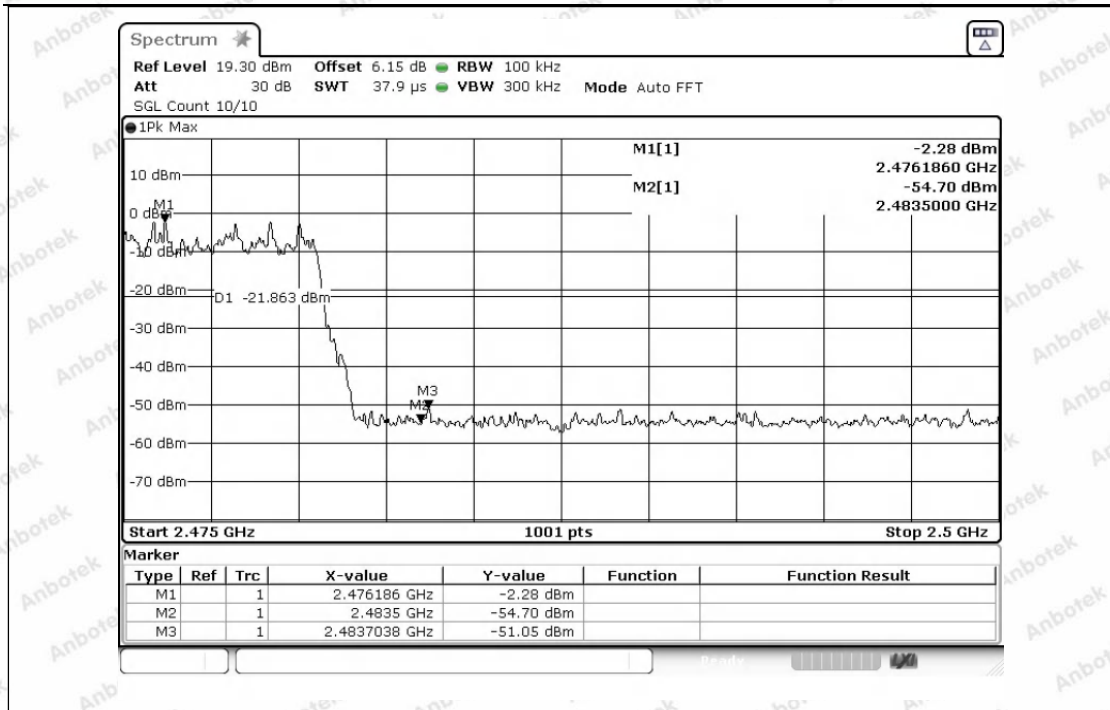
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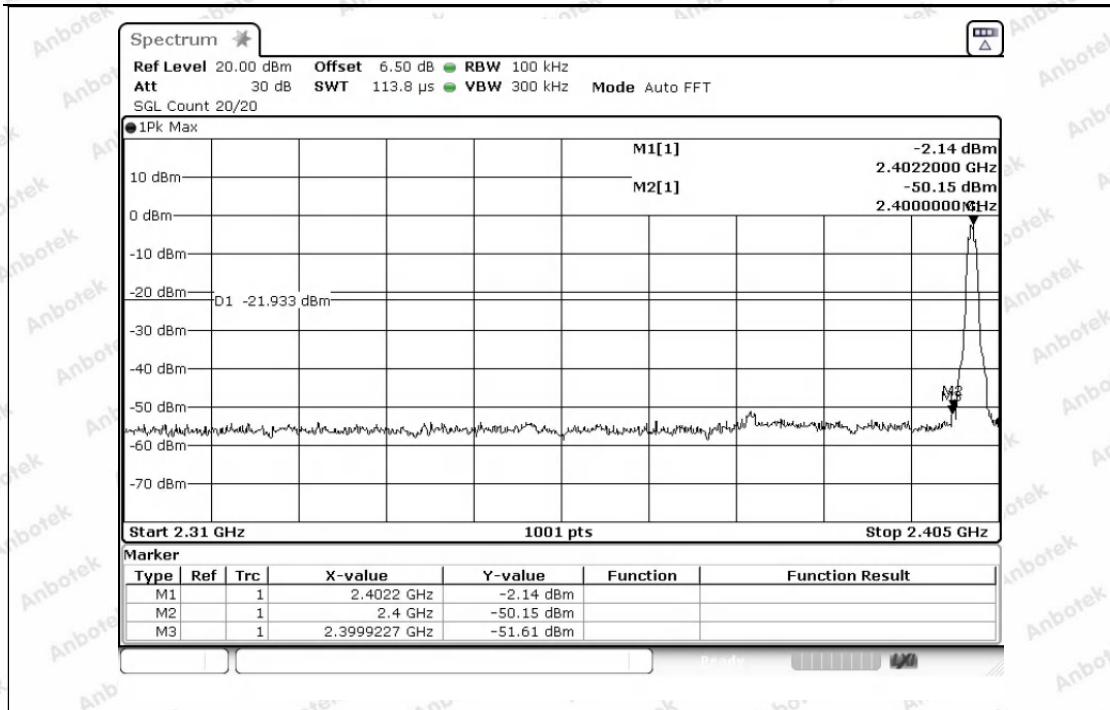
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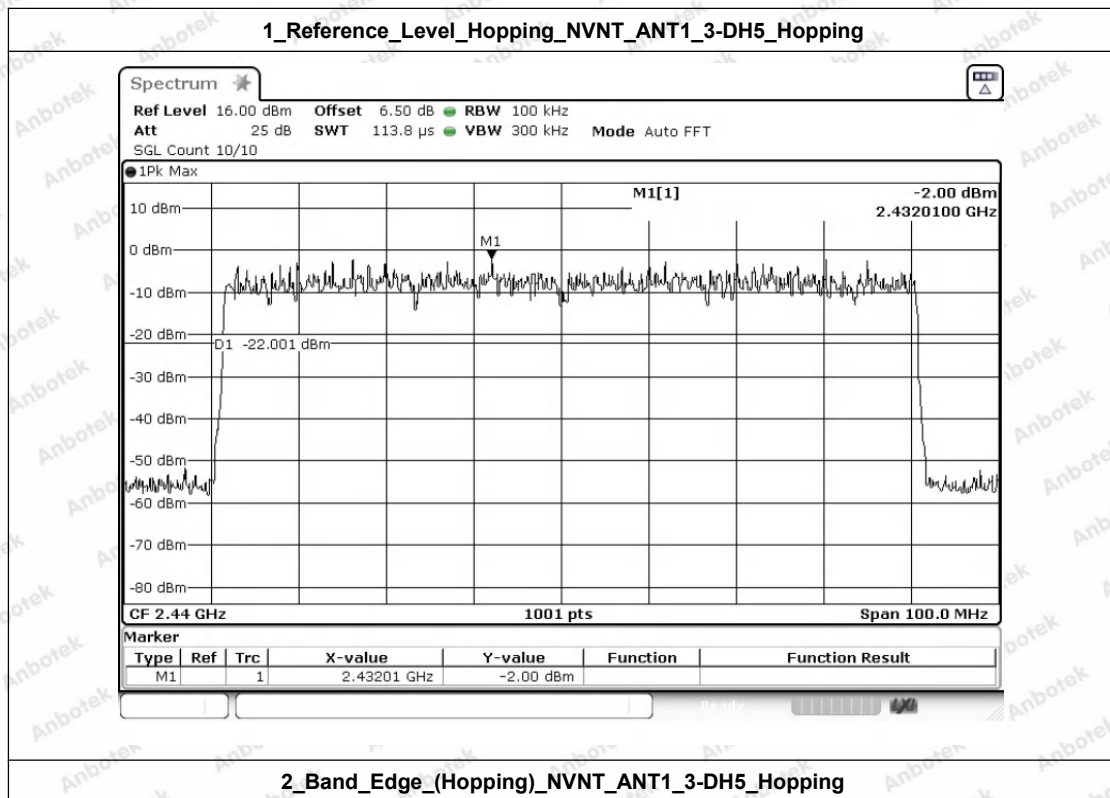


2_Bandedge_NVNT_ANT1_3-DH5_2402



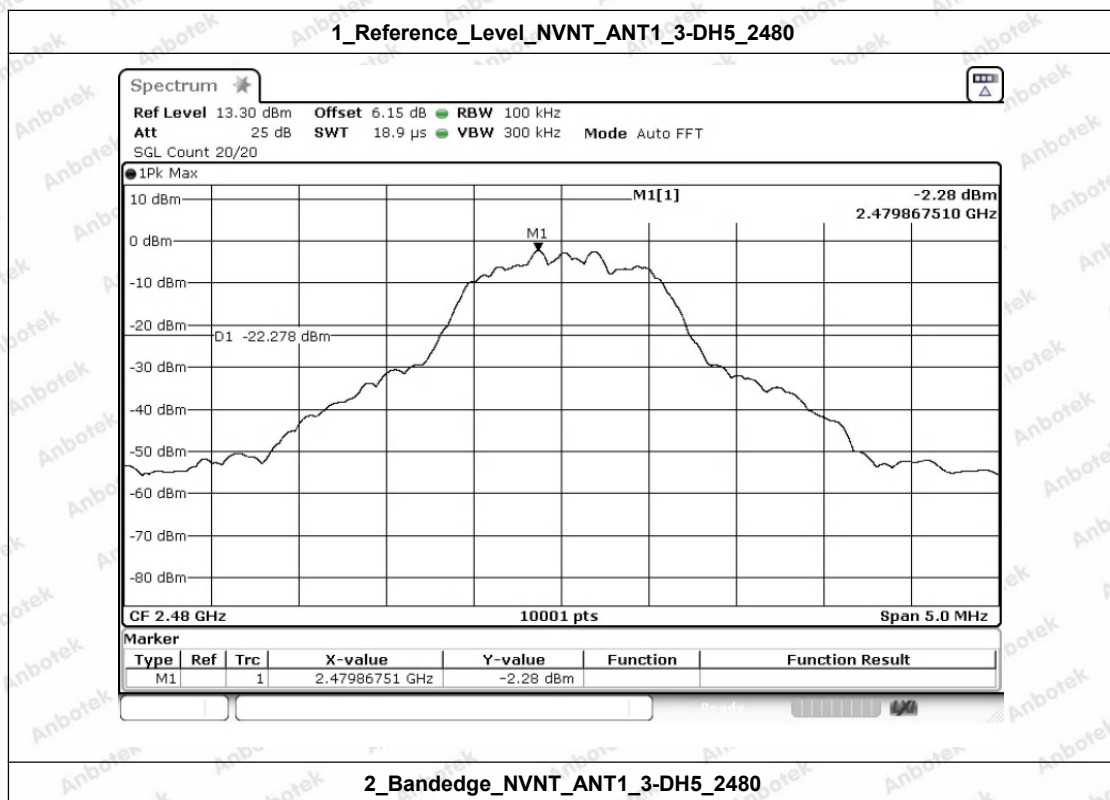
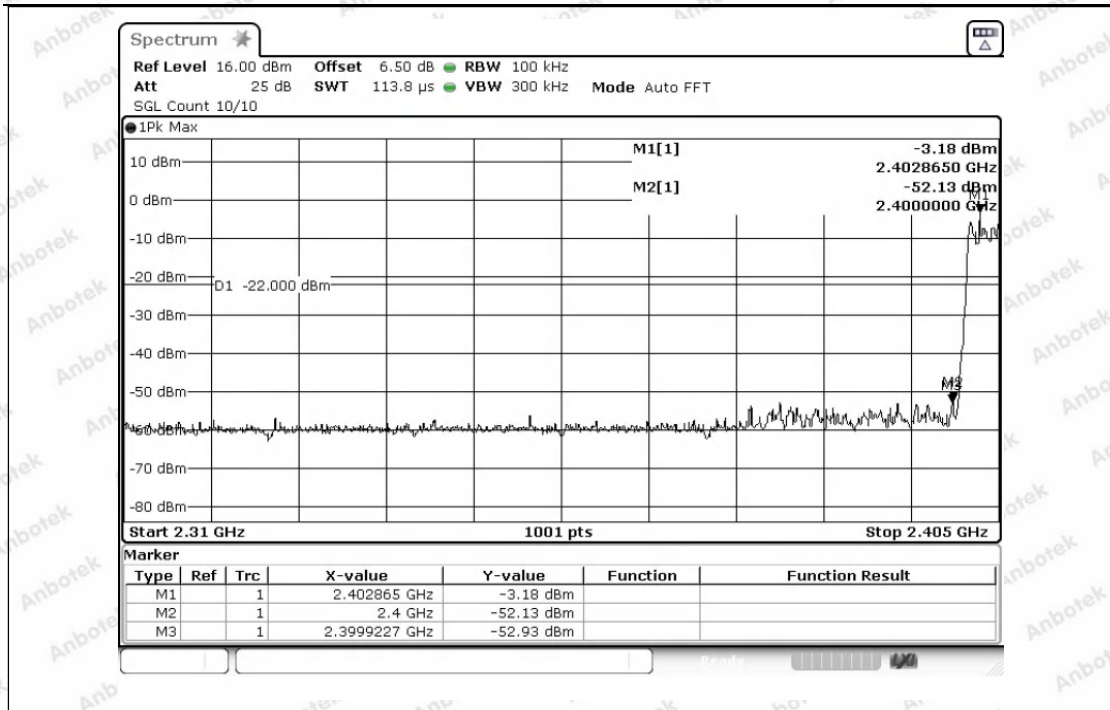


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



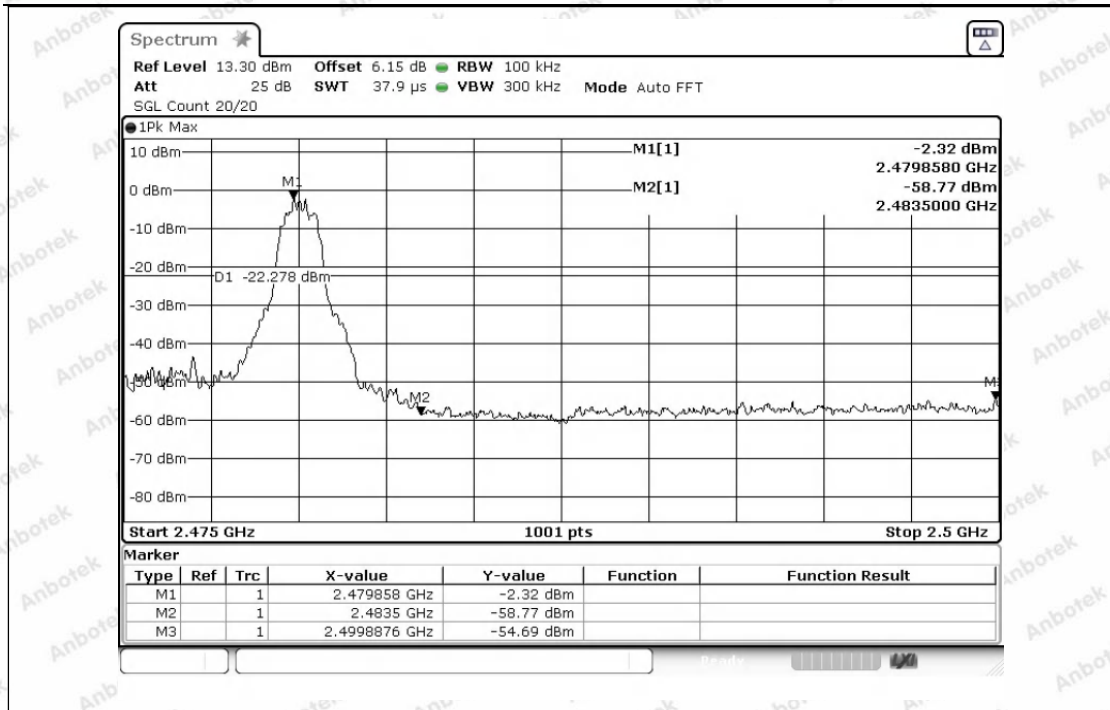
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping



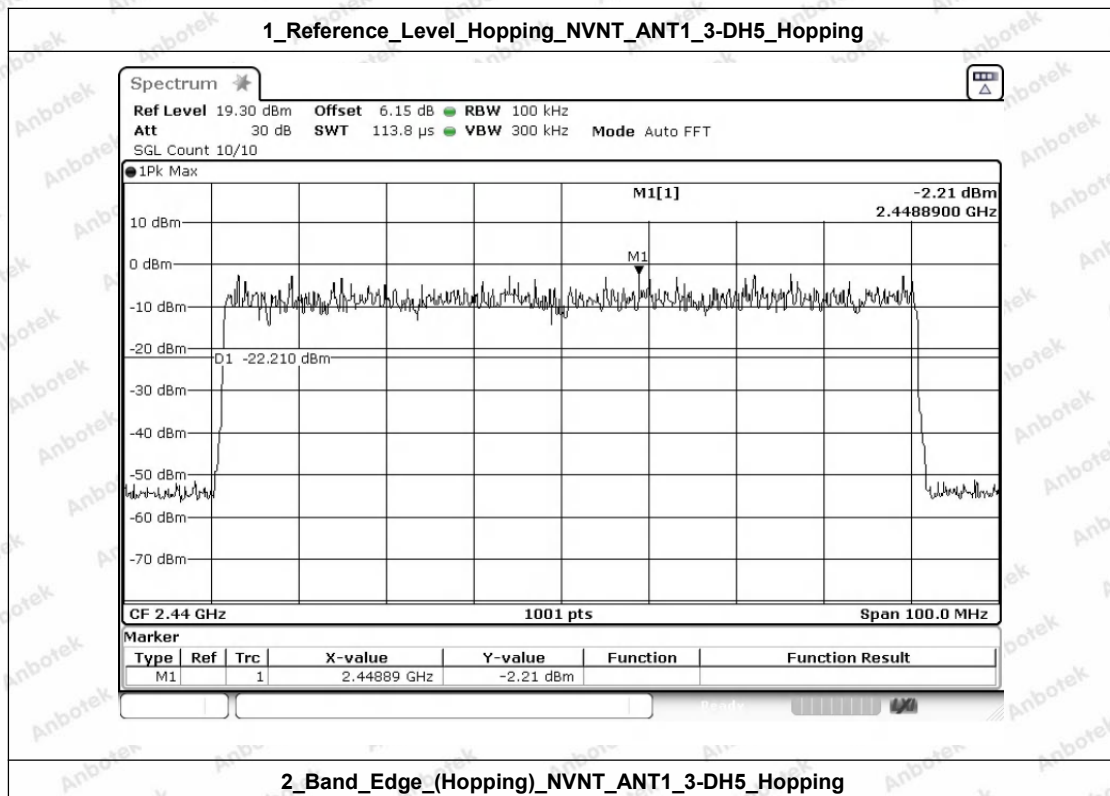


2_Bandedge_NVNT_ANT1_3-DH5_2480



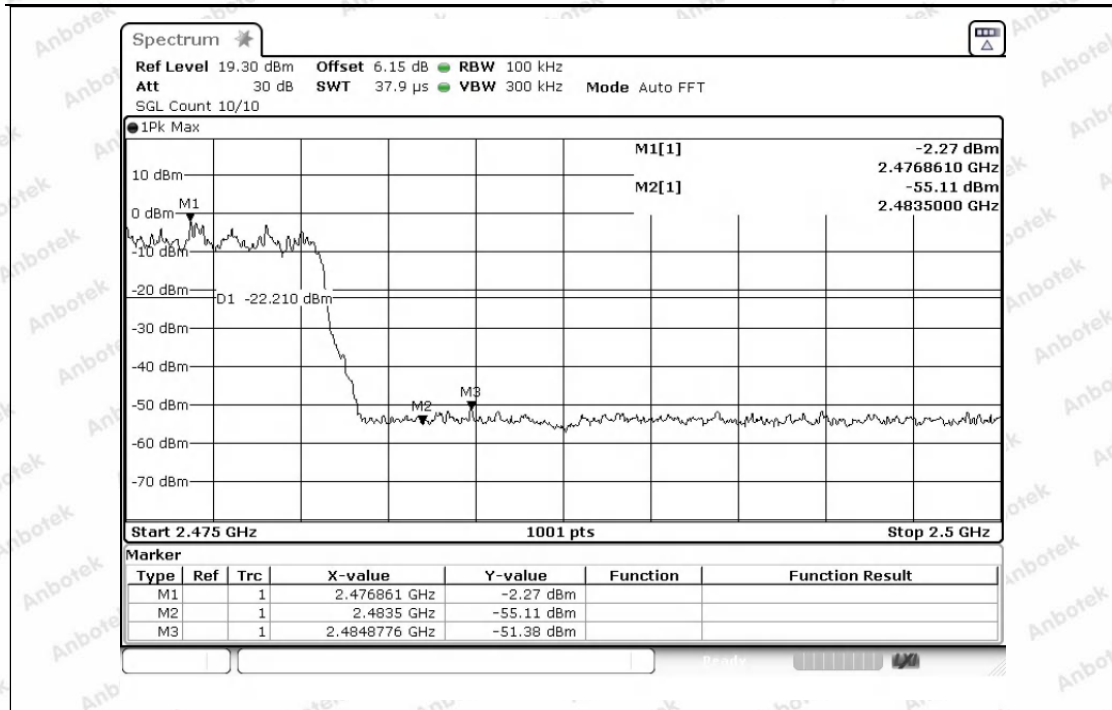


1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping





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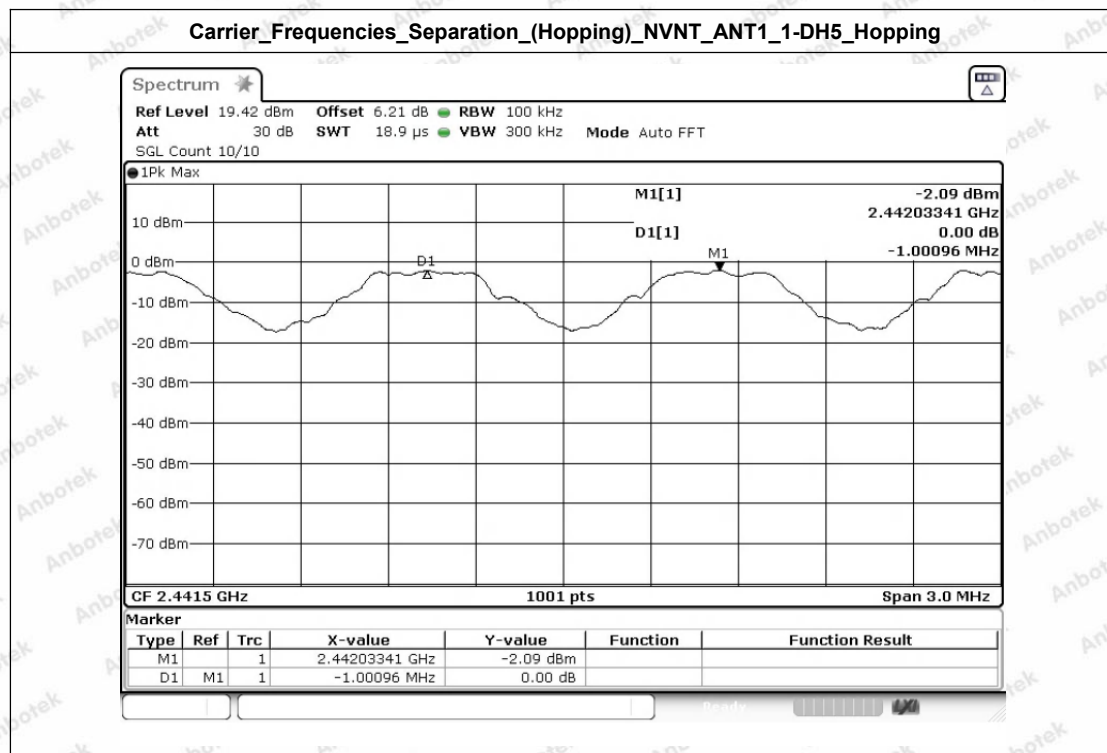


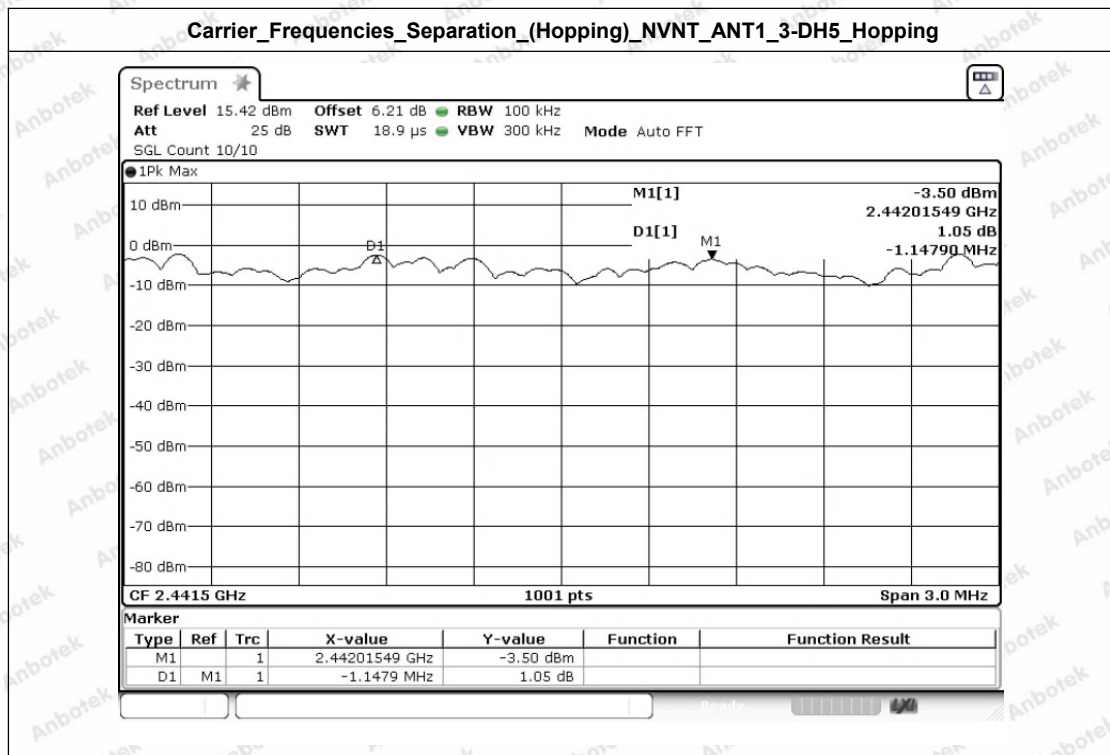
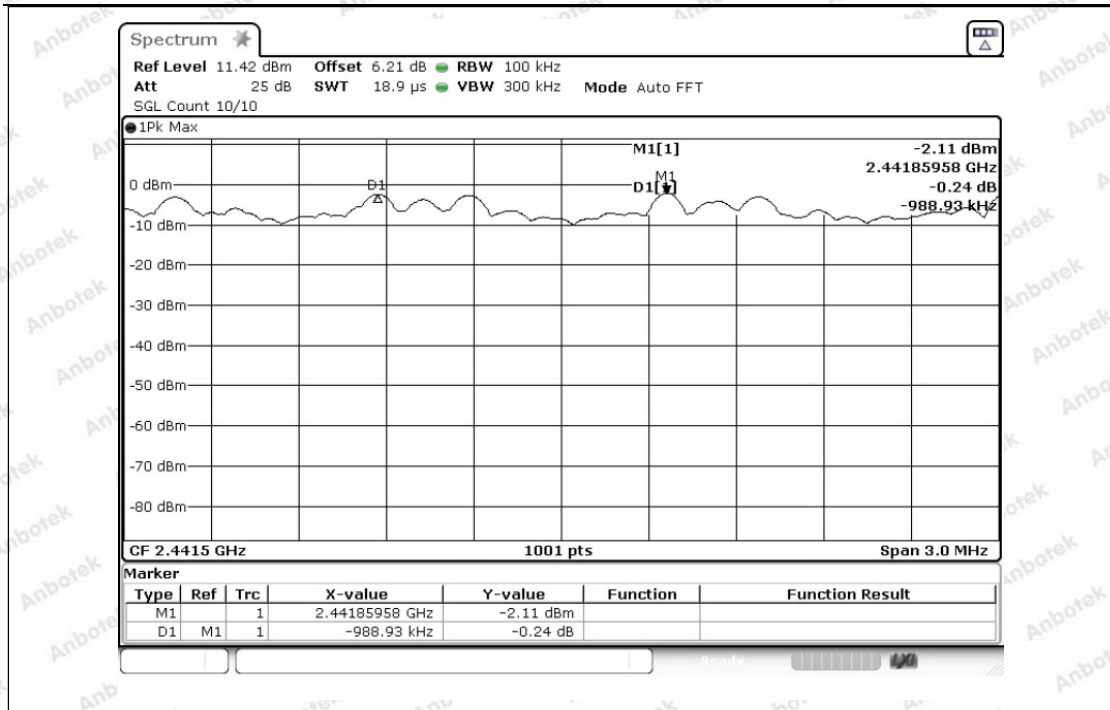
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Appendix F: Carrier Frequencies Separation (Hopping)

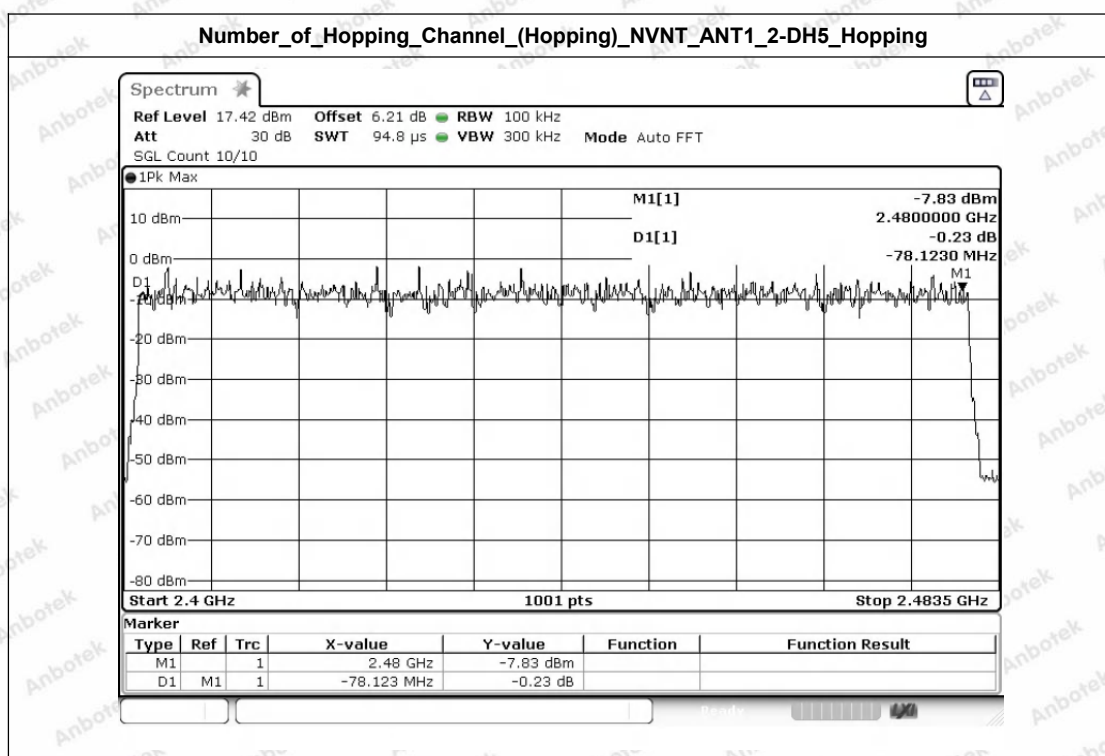
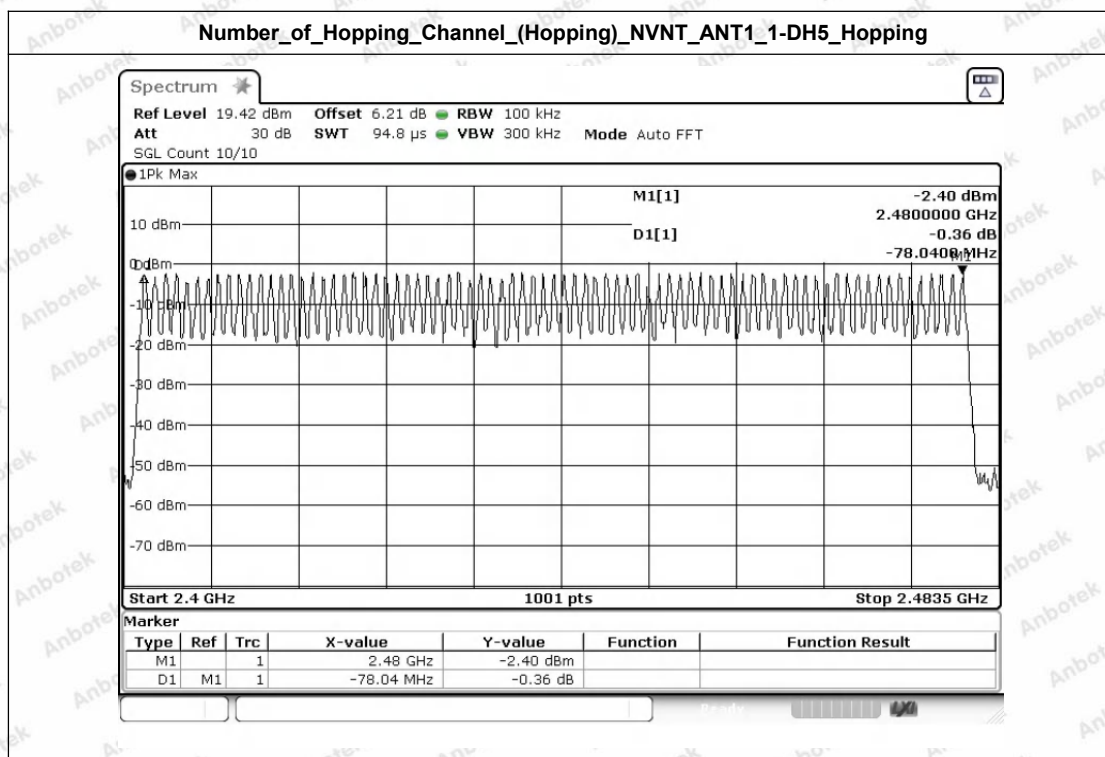
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2441.032	2442.033	1.00	0.695	Pass
NVNT	ANT1	2-DH5	2441.00	2440.871	2441.860	0.99	0.889	Pass
NVNT	ANT1	3-DH5	2441.00	2440.868	2442.015	1.15	0.859	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH5_Hopping**Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH5_Hopping**

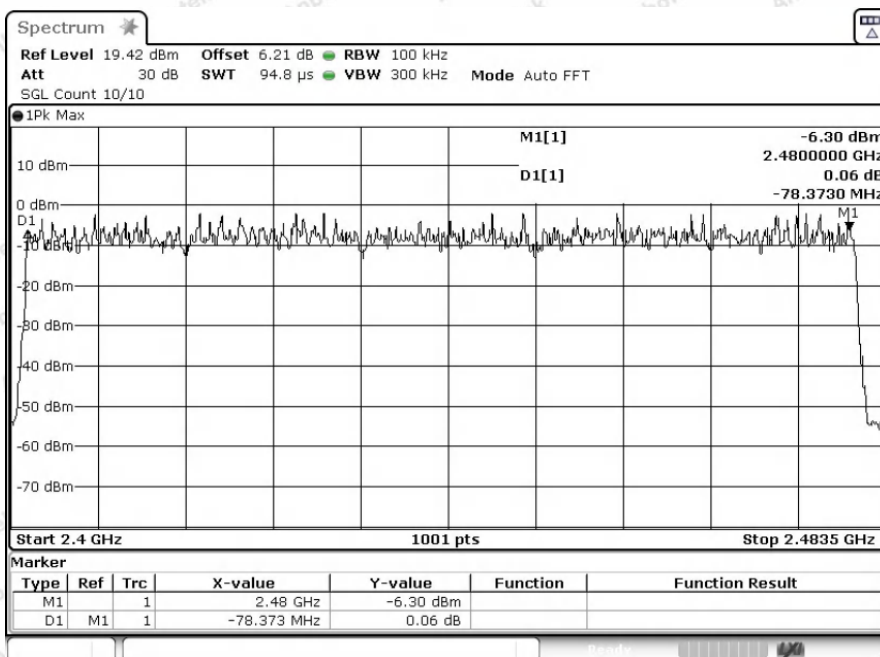


Appendix G: Number of Hopping Channel (Hopping)

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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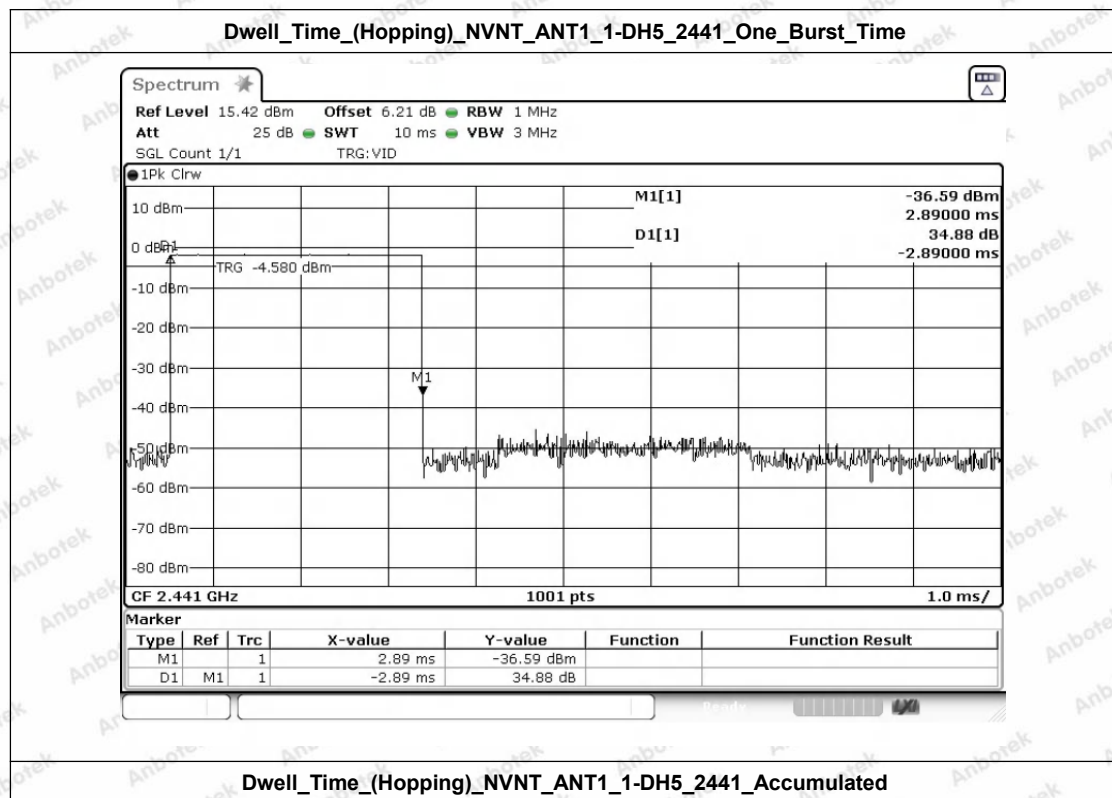


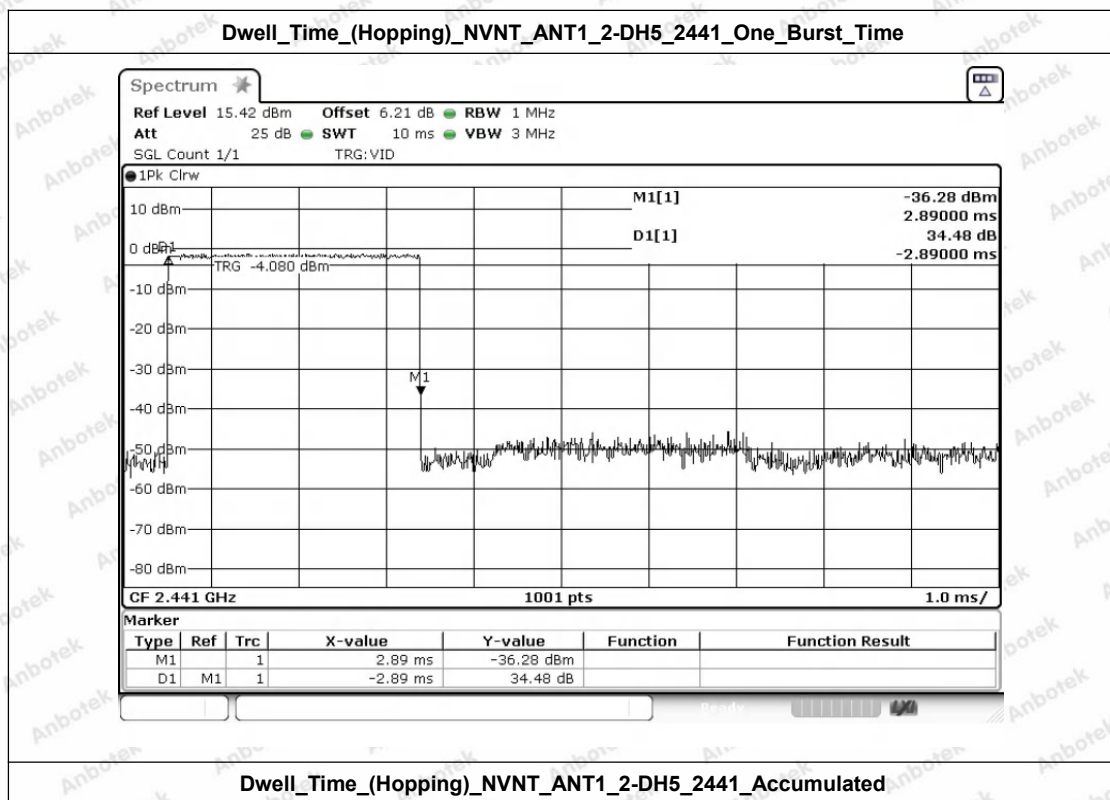
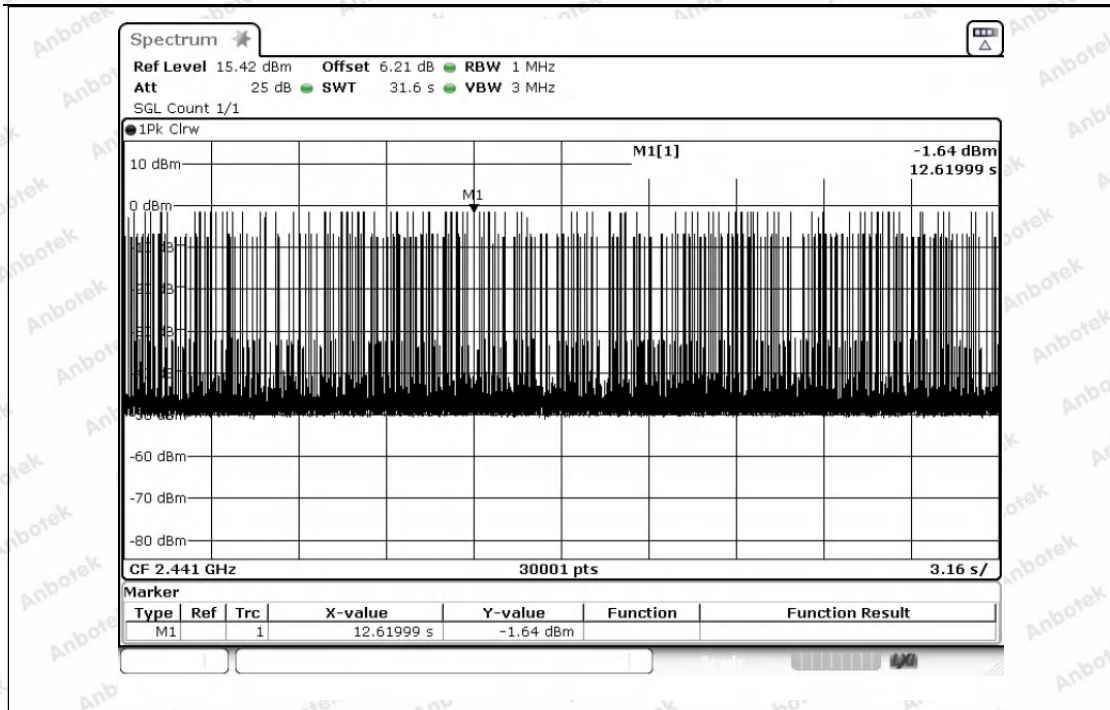
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Appendix H: Dwell Time (Hopping)

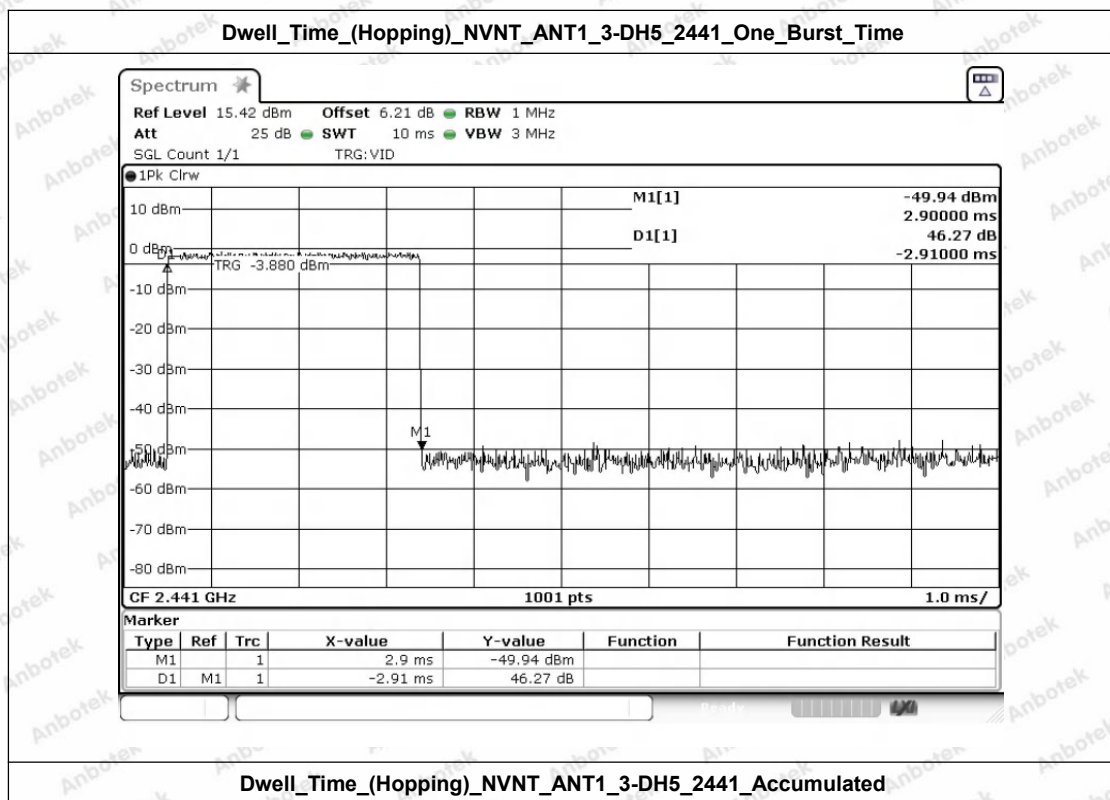
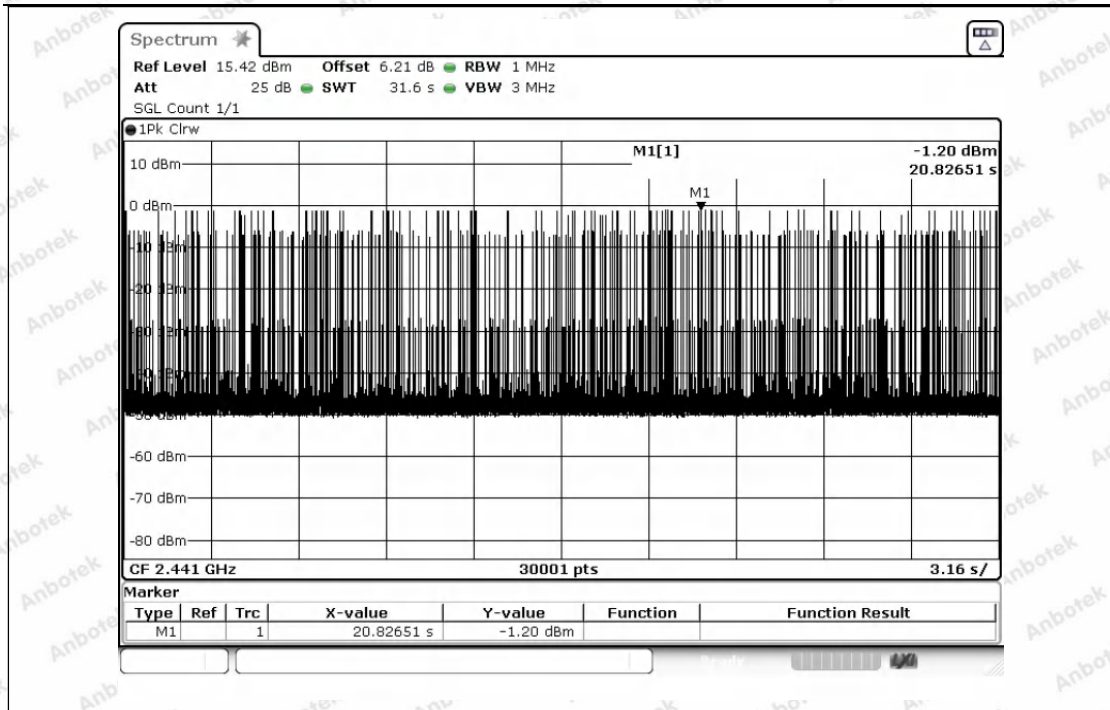
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.890	111.00	320.790	0.40	Pass
NVNT	ANT1	2-DH5	2.890	101.00	291.890	0.40	Pass
NVNT	ANT1	3-DH5	2.900	91.00	263.900	0.40	Pass
NVNT	ANT1	1-DH1	0.390	307.00	119.730	0.40	Pass
NVNT	ANT1	1-DH3	1.640	154.00	252.560	0.40	Pass
NVNT	ANT1	2-DH1	0.390	306.00	119.340	0.40	Pass
NVNT	ANT1	2-DH3	1.650	151.00	249.150	0.40	Pass
NVNT	ANT1	3-DH1	0.390	313.00	122.070	0.40	Pass
NVNT	ANT1	3-DH3	1.640	153.00	250.920	0.40	Pass





Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_Accumulated





Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_Accumulated

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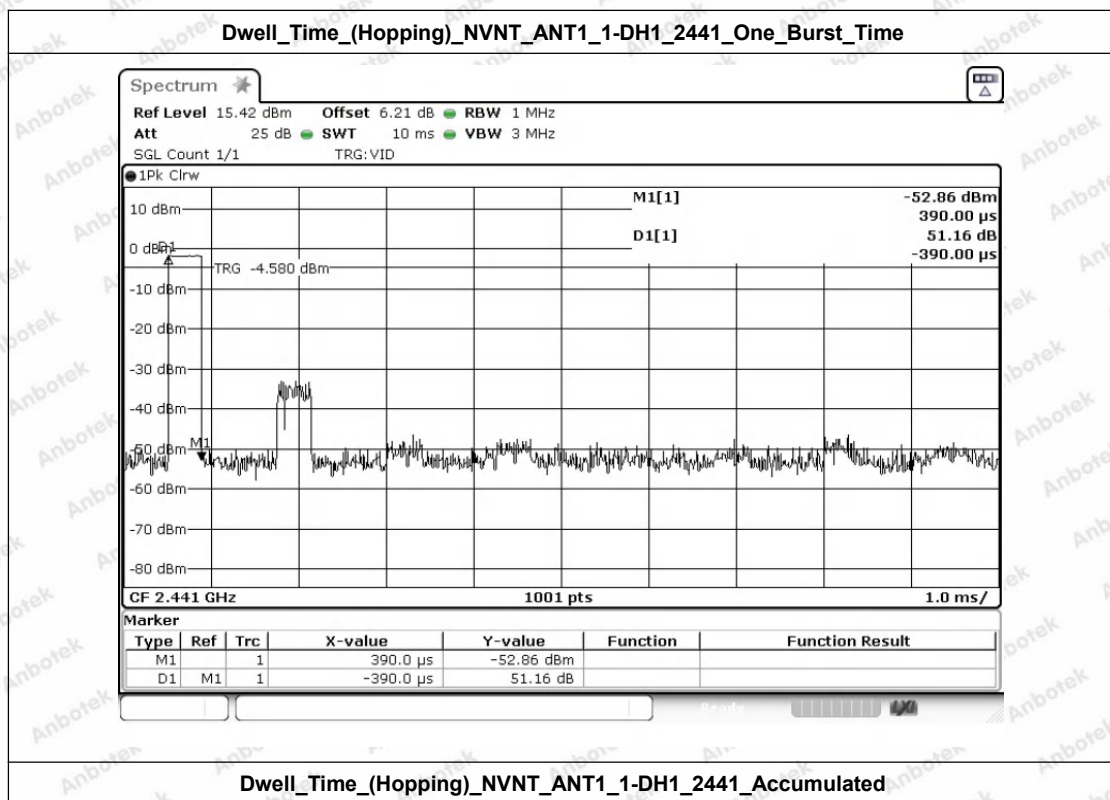
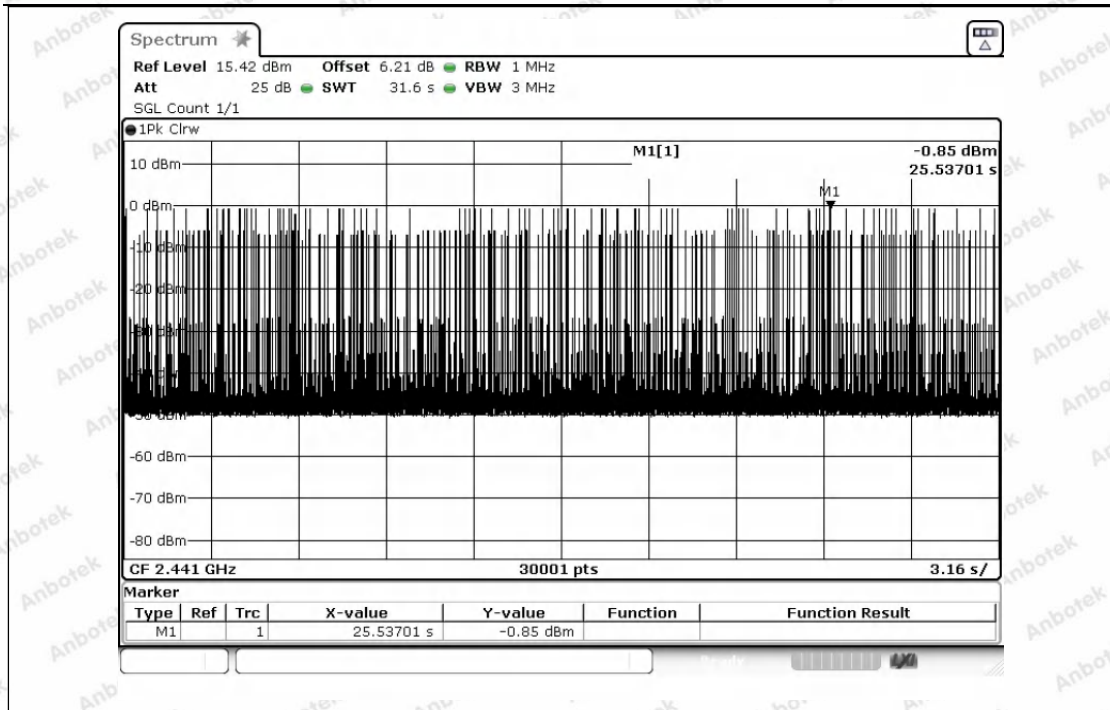
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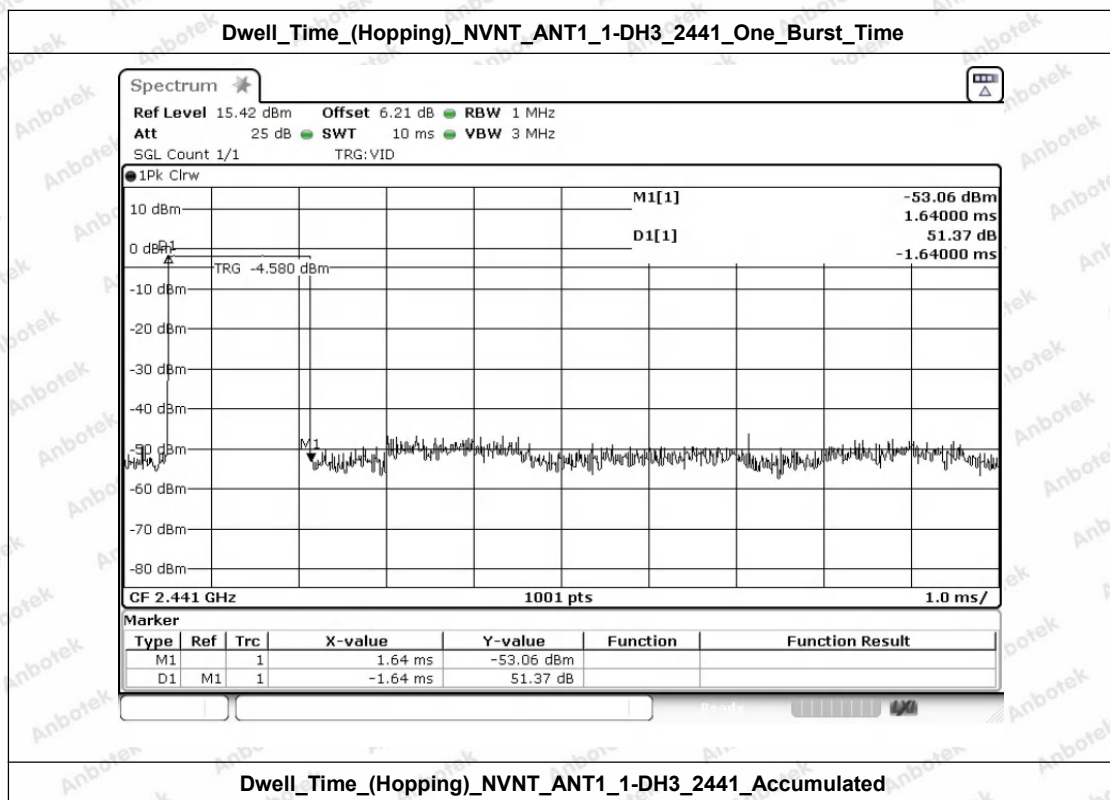
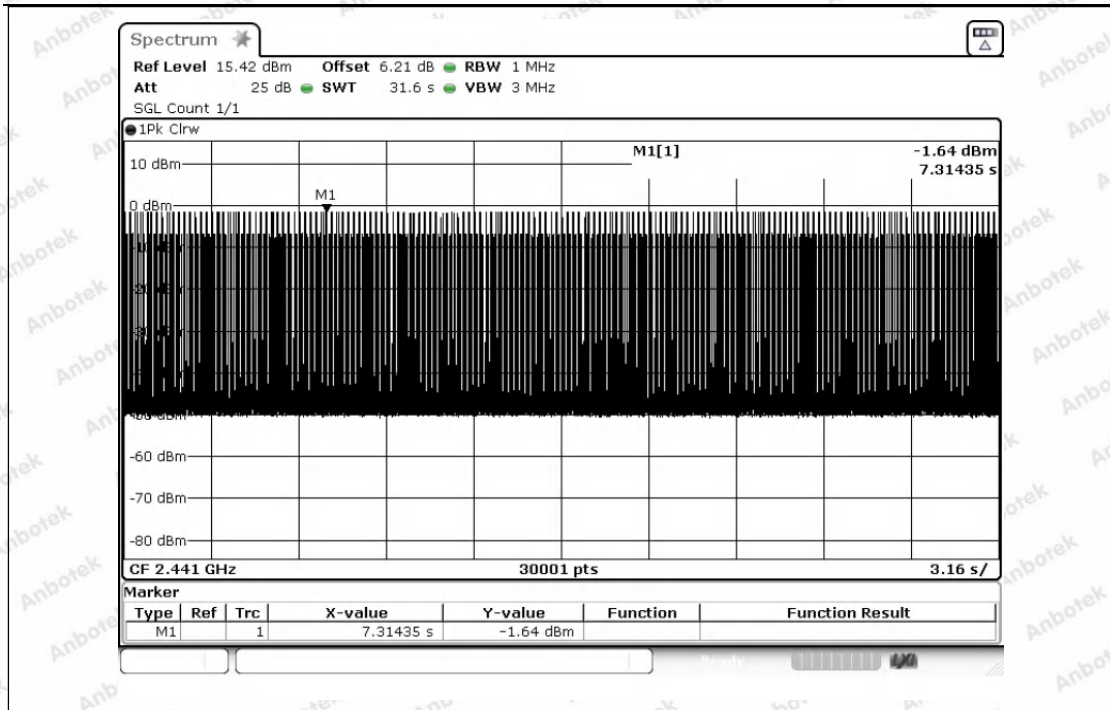
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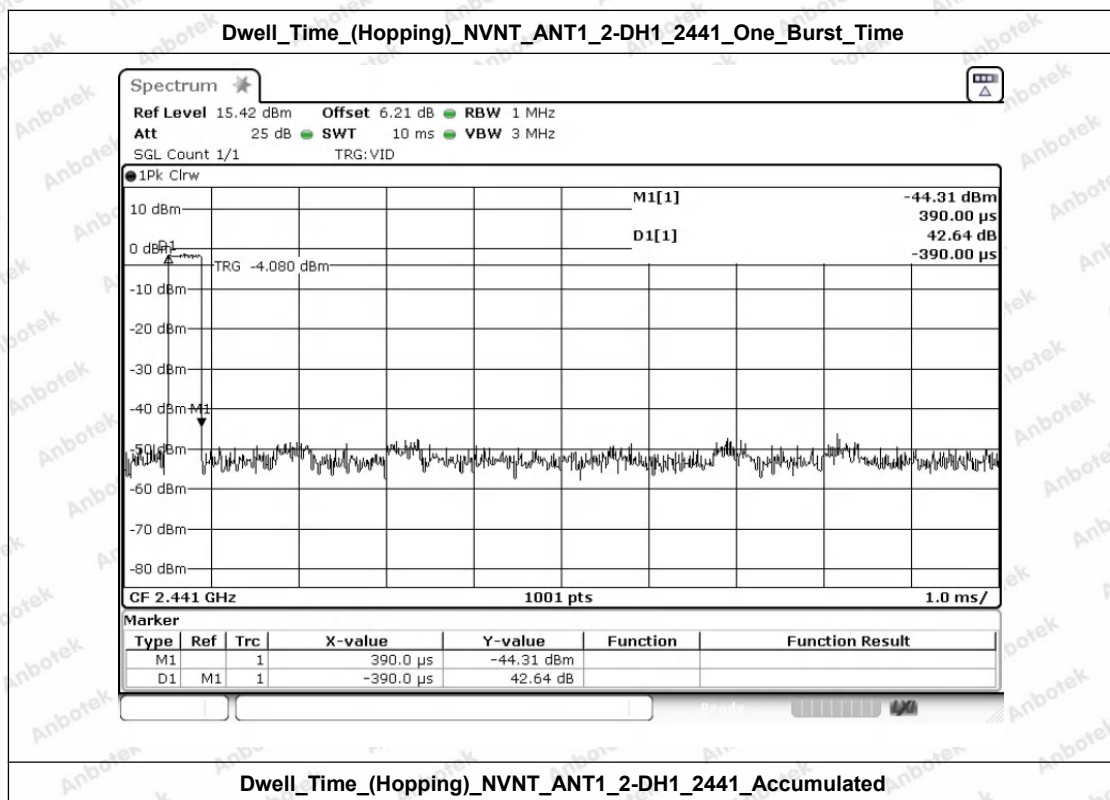
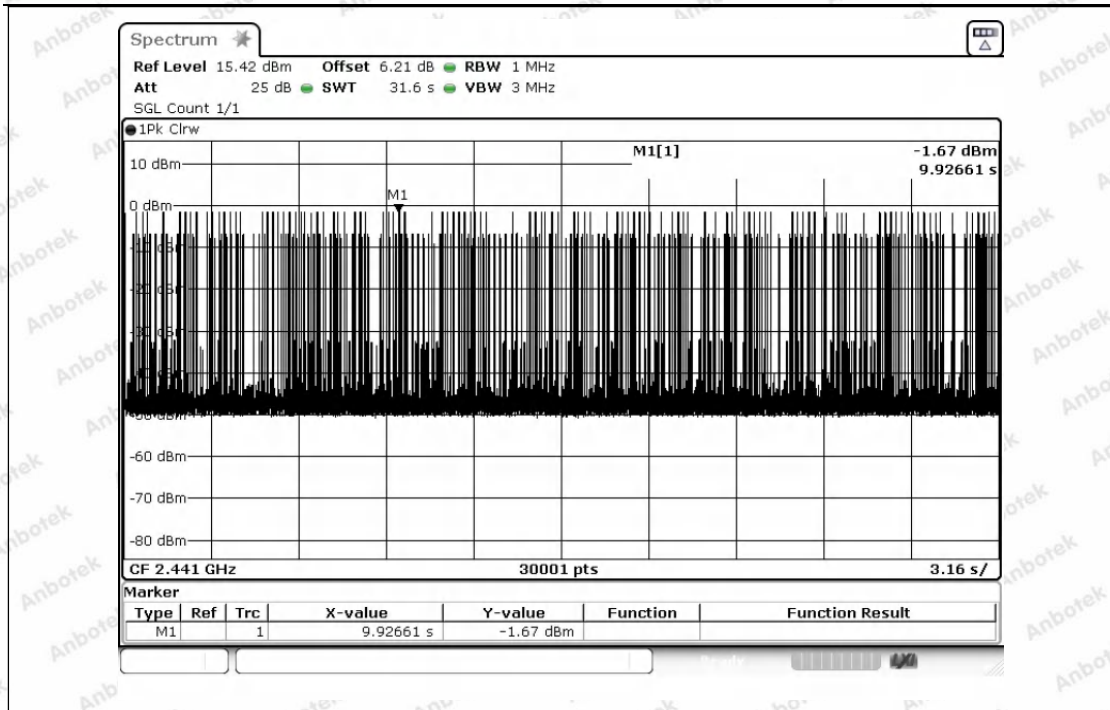
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_Accumulated





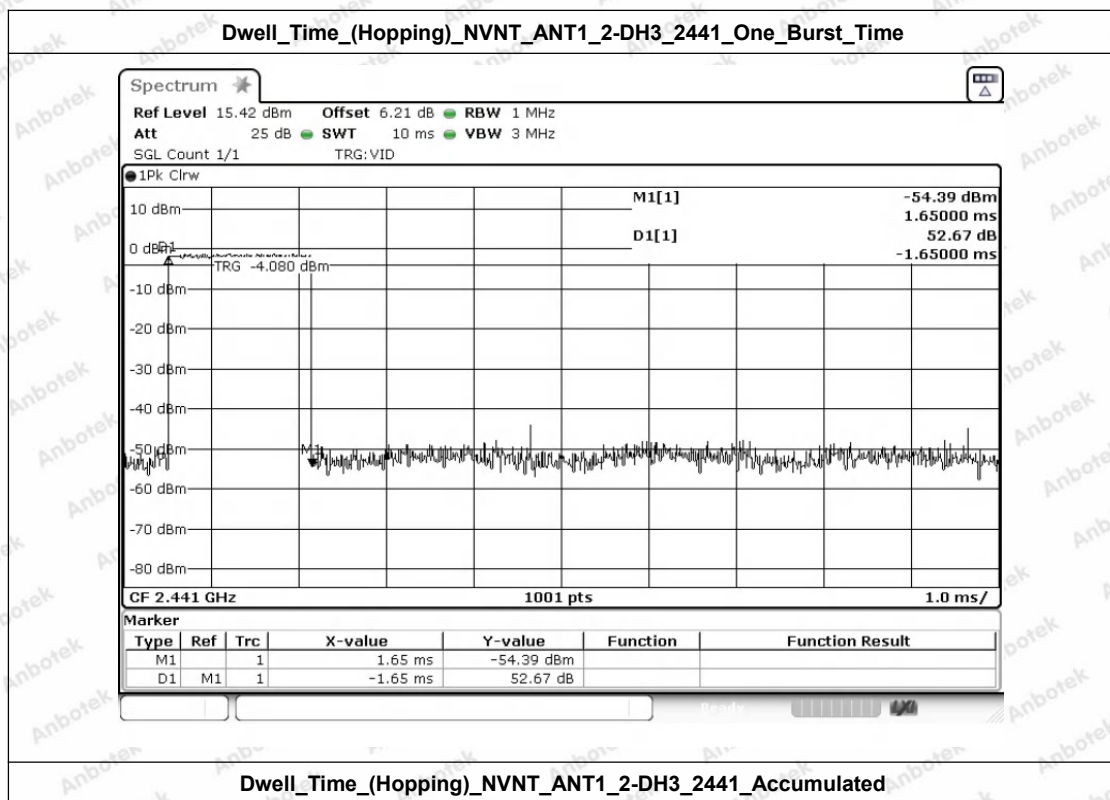
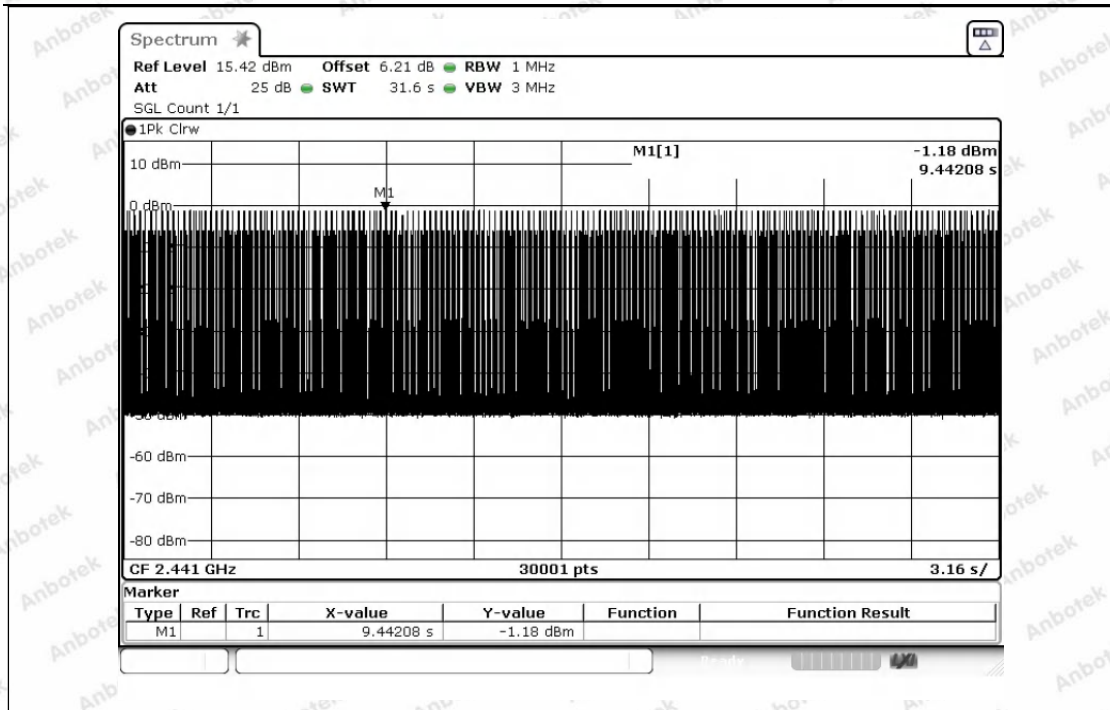
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_Accumulated





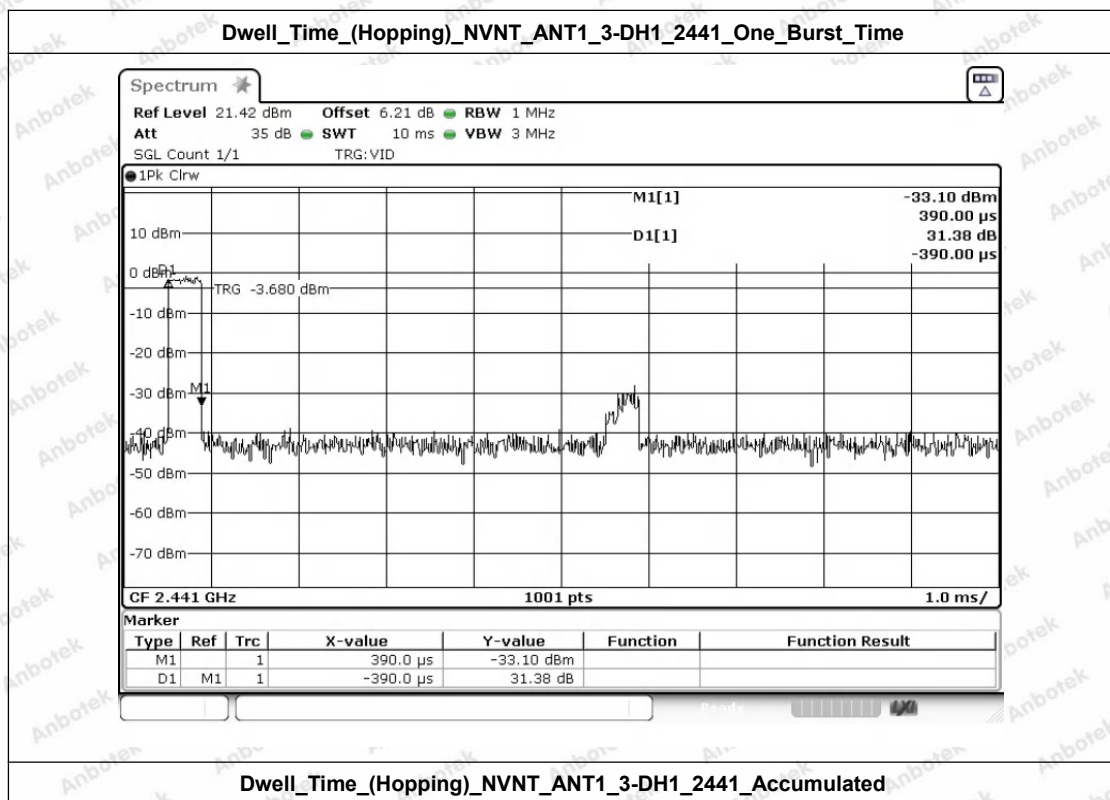
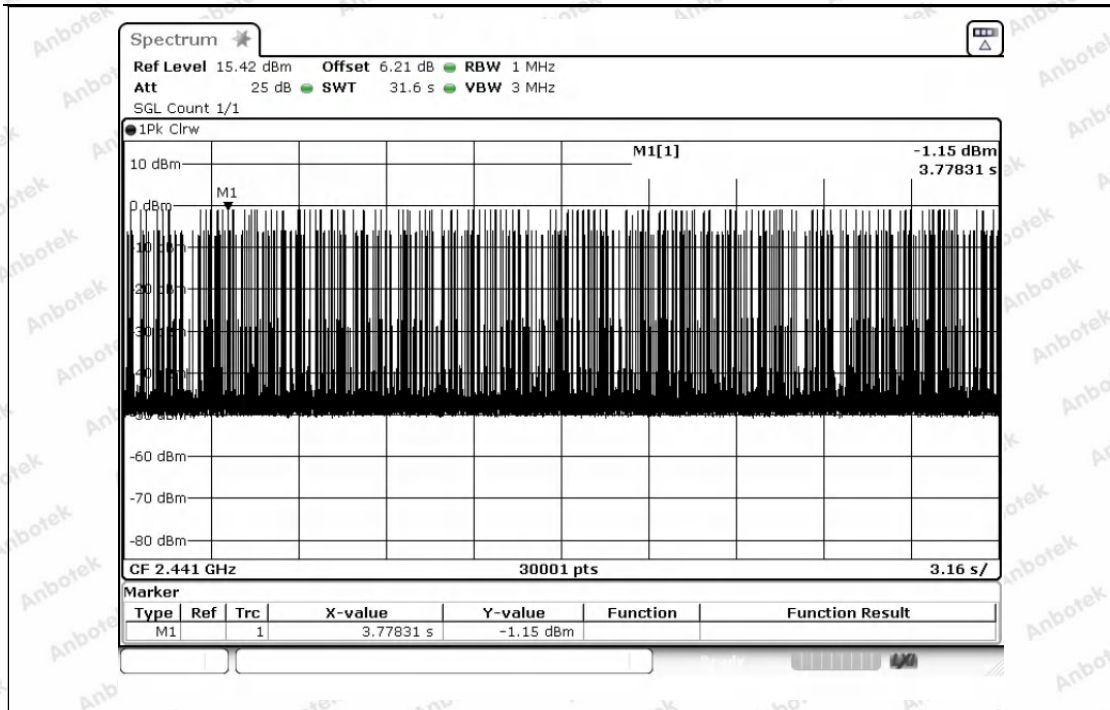
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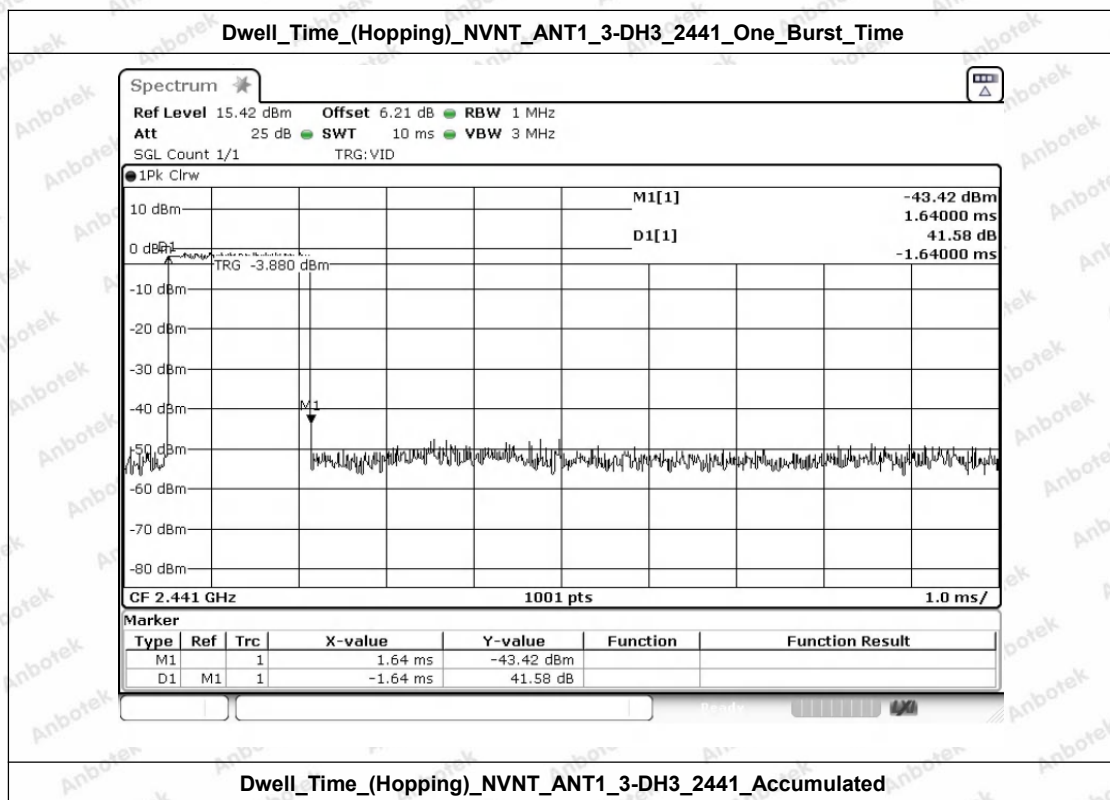
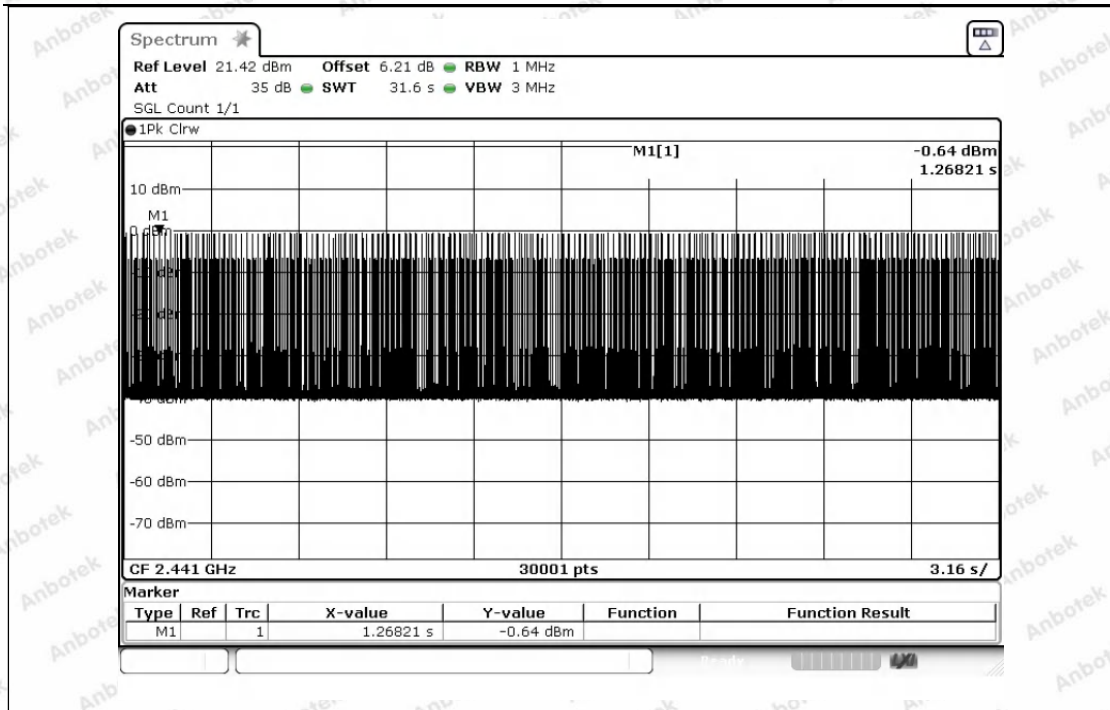
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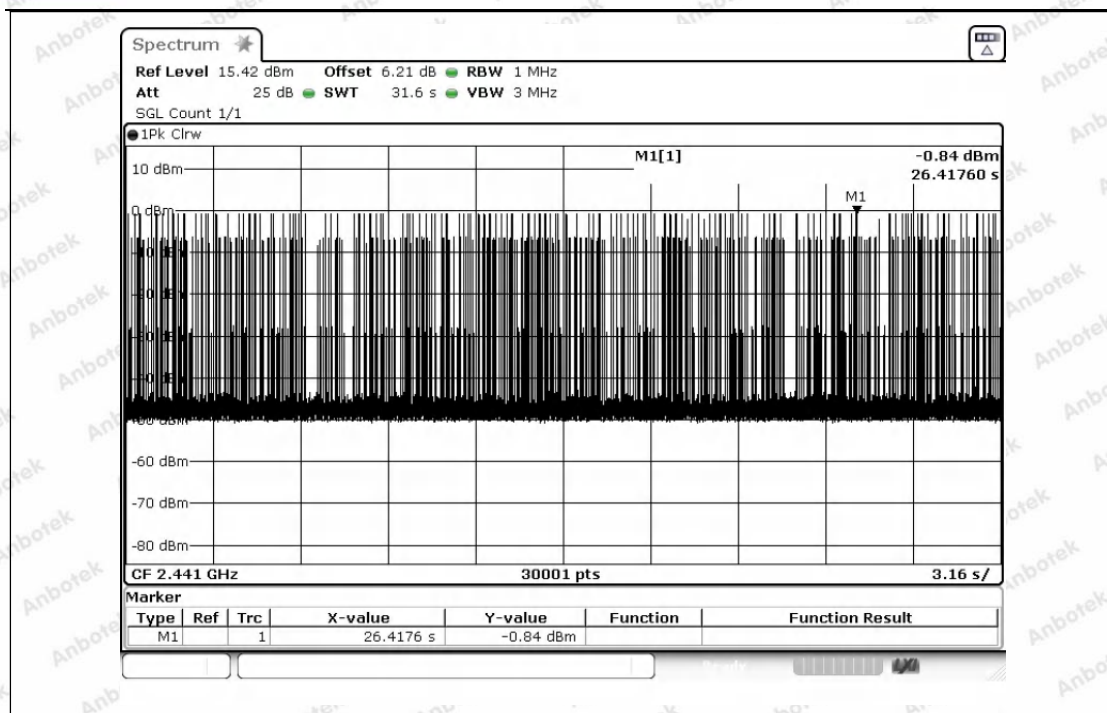
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_Accumulated





Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_Accumulated





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