

Appendix Test Data

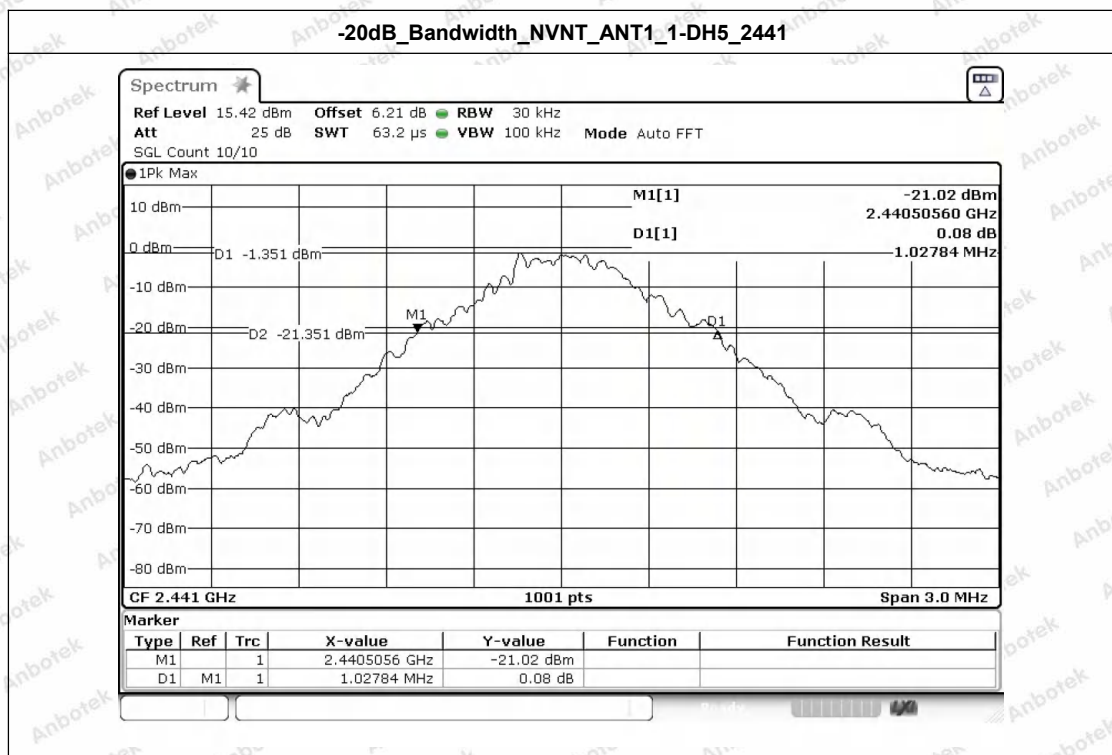
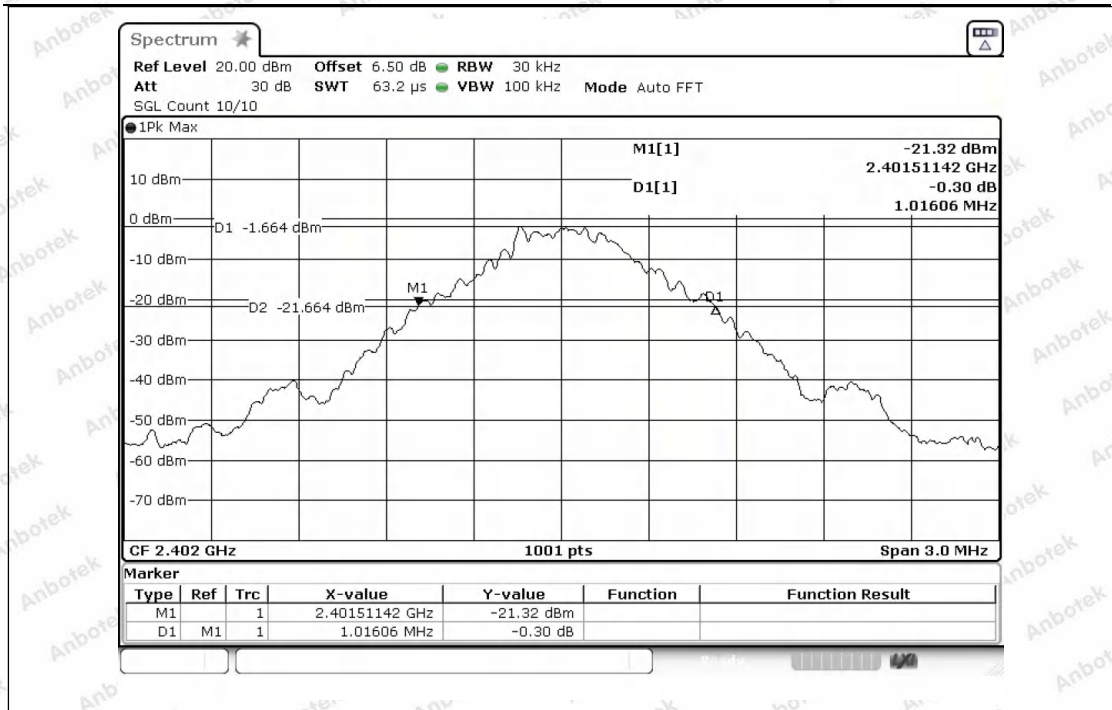
Report No.:	18220WC40050001	Test Sample No.:	1-2-2
Start Test Date:	2024.4.02	Finish Test Date:	2024.4.02
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

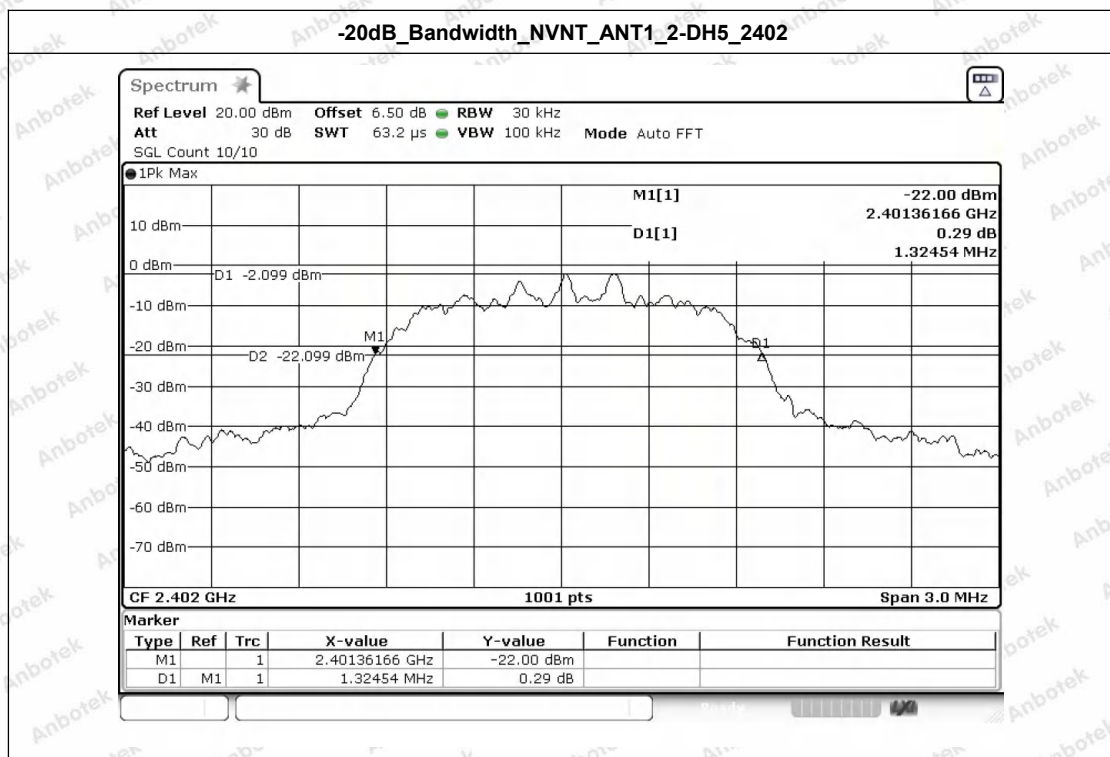
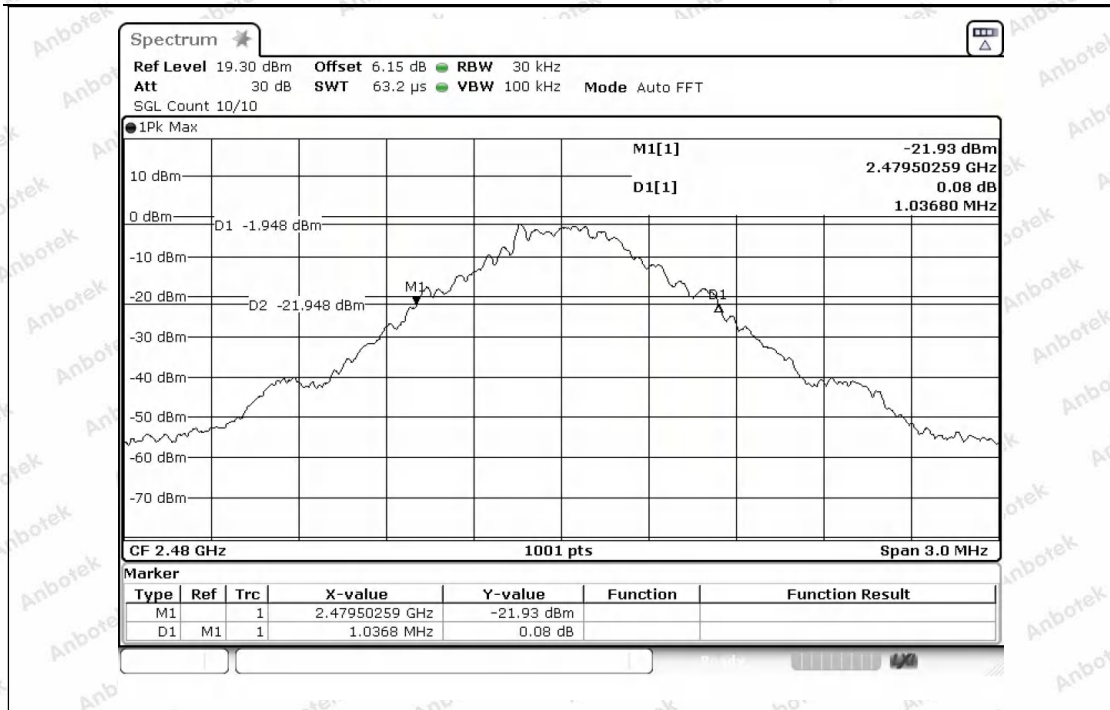
Appendix A: -20dB Bandwidth

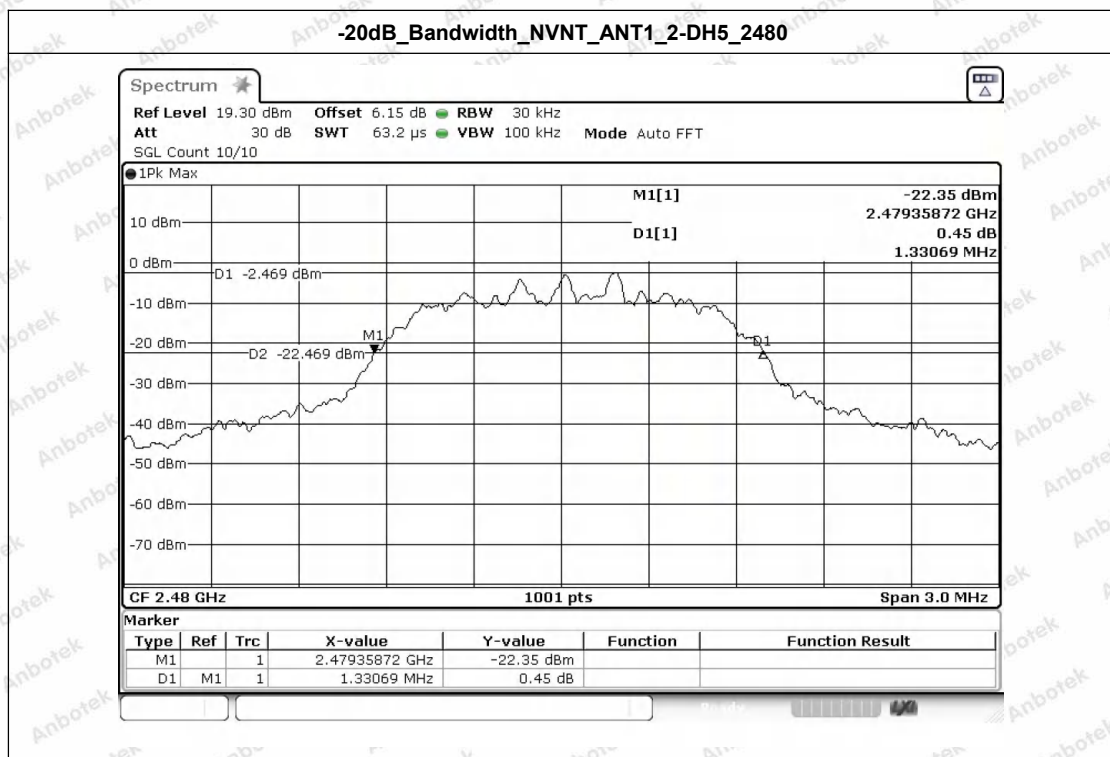
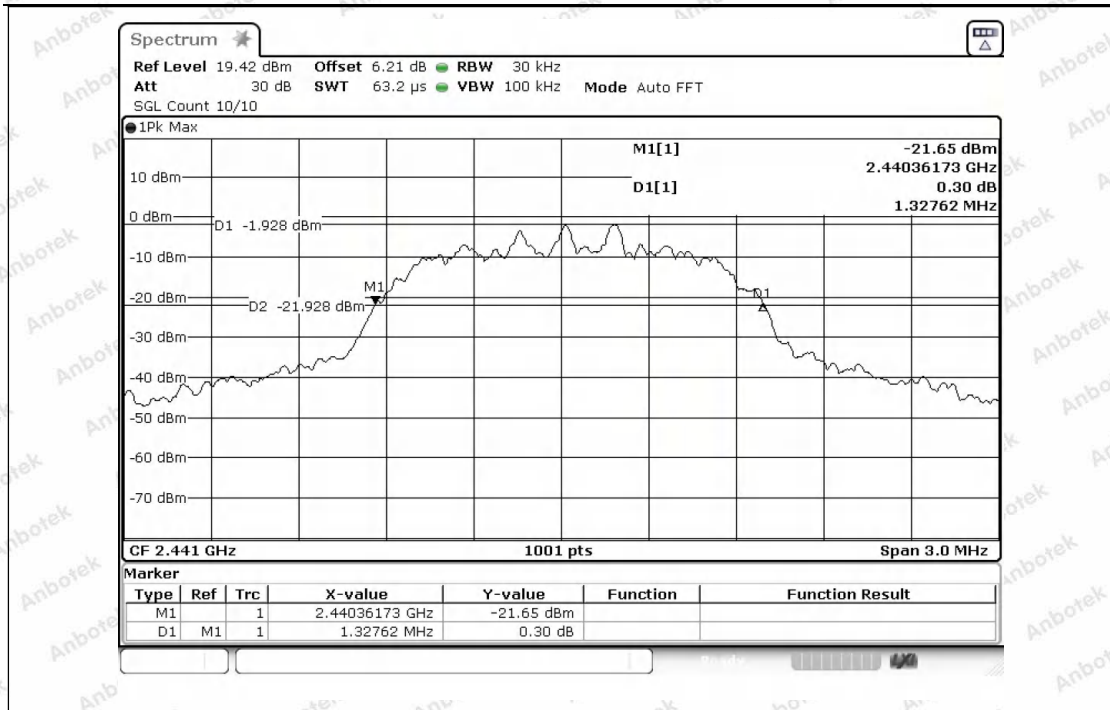
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.016	Yes
NVNT	ANT1	1-DH5	2441.00	1.028	Yes
NVNT	ANT1	1-DH5	2480.00	1.037	Yes
NVNT	ANT1	2-DH5	2402.00	1.325	Yes
NVNT	ANT1	2-DH5	2441.00	1.328	Yes
NVNT	ANT1	2-DH5	2480.00	1.331	Yes
NVNT	ANT1	3-DH5	2402.00	1.292	Yes
NVNT	ANT1	3-DH5	2441.00	1.289	Yes
NVNT	ANT1	3-DH5	2480.00	1.289	Yes

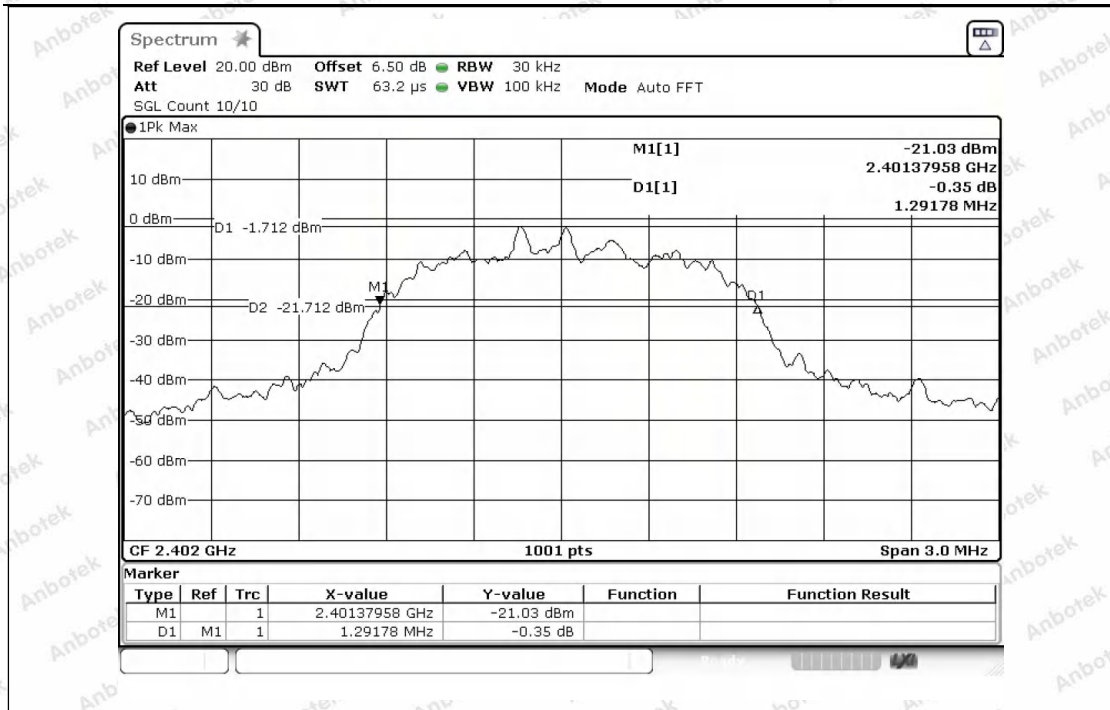
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402



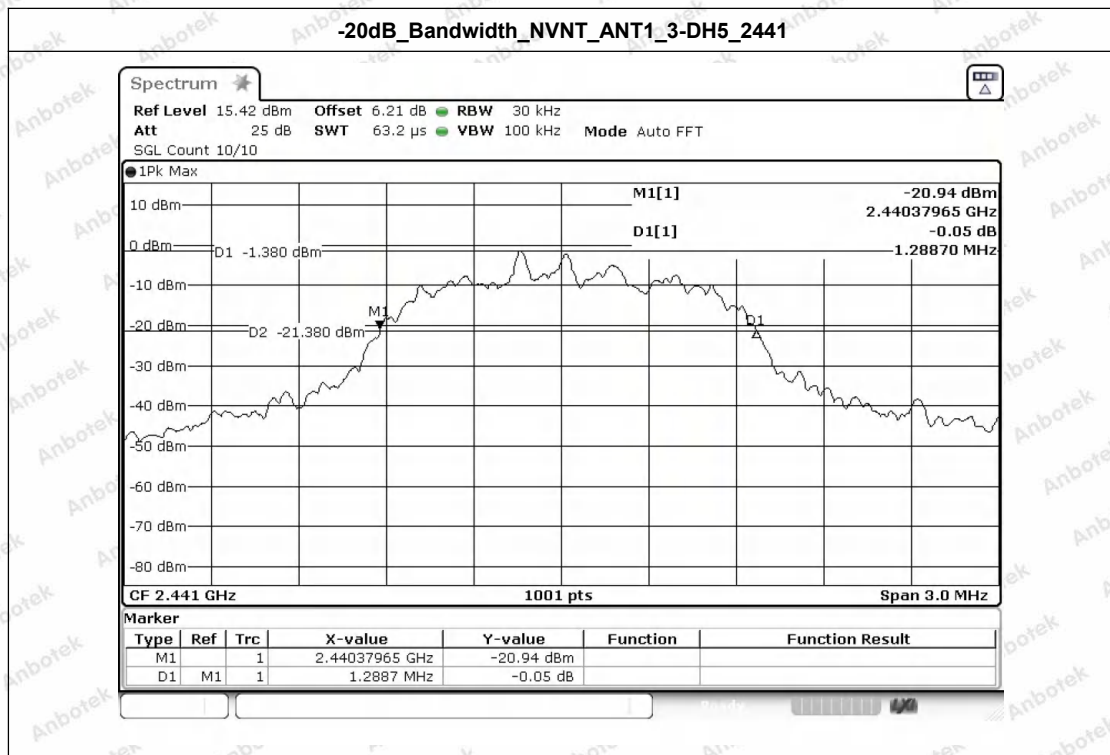






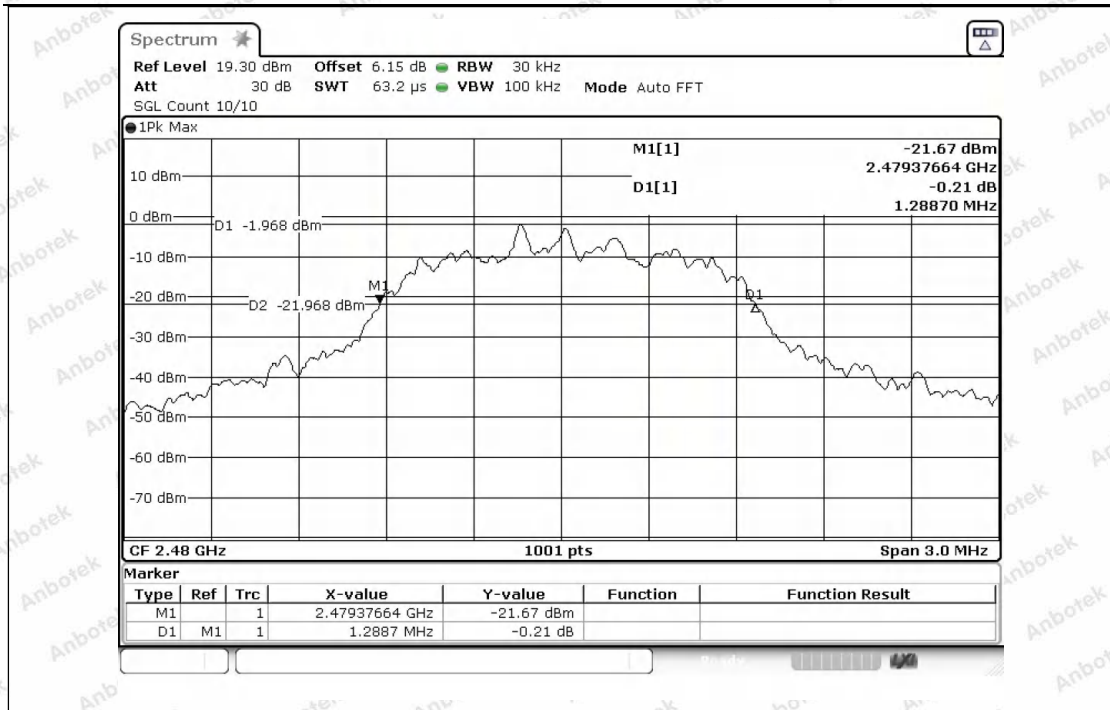


-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480





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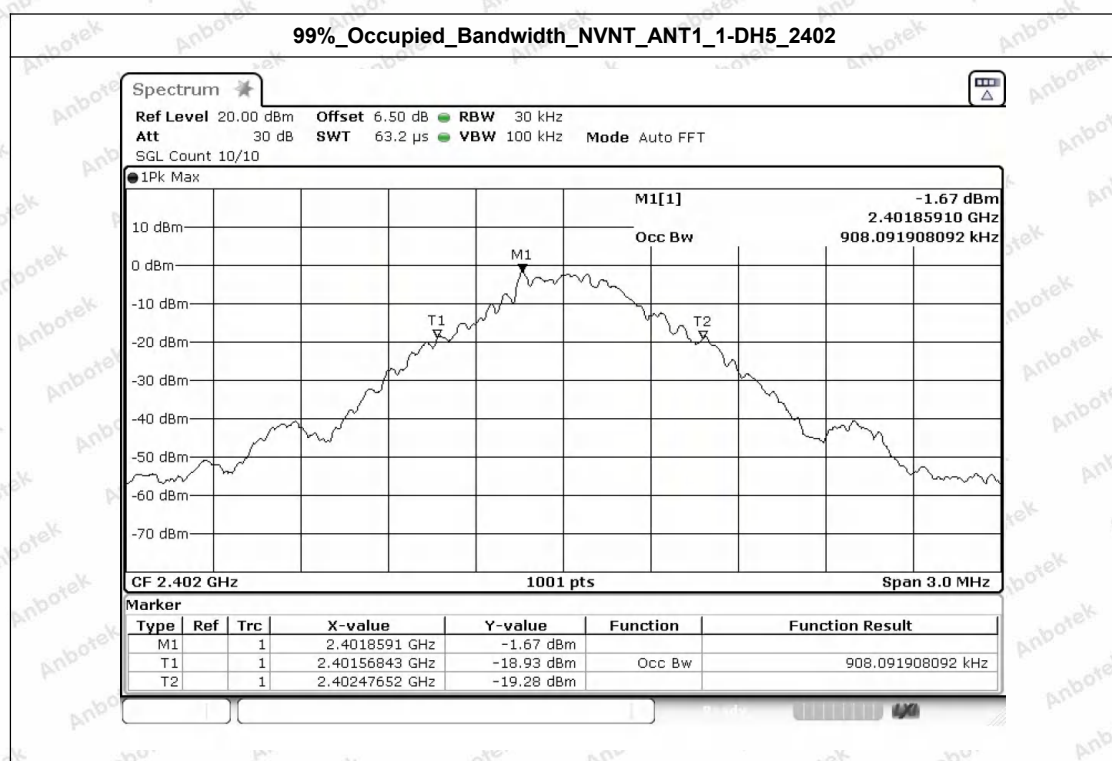


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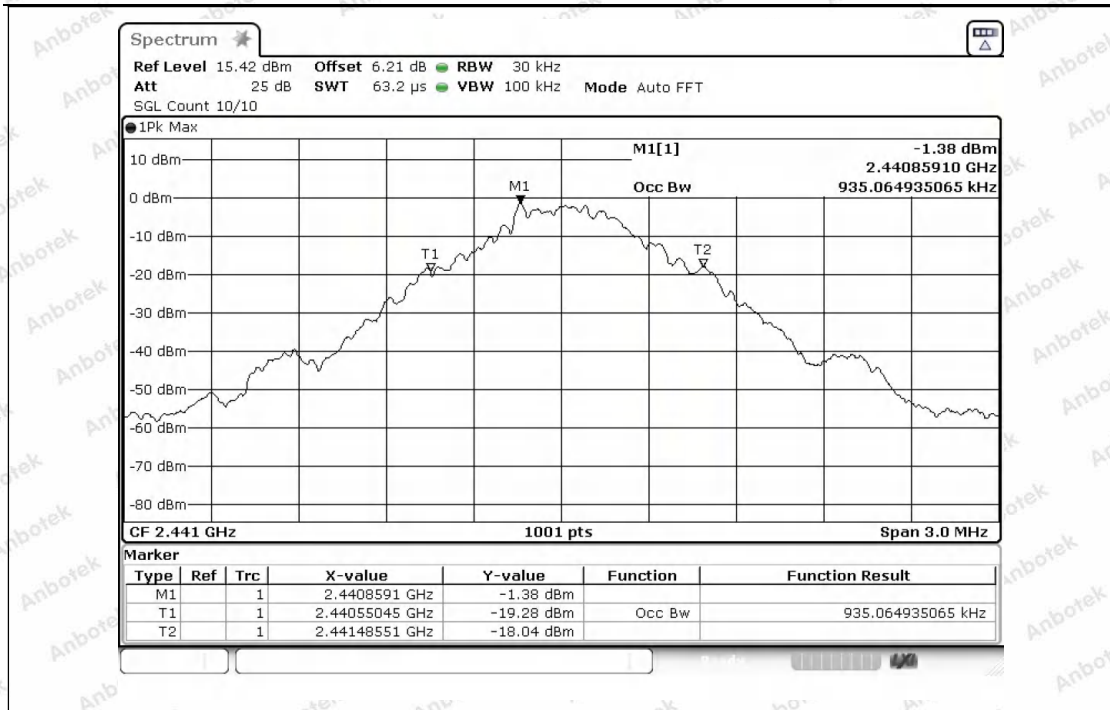
Appendix B: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH5	2402.00	0.908
NVNT	ANT1	1-DH5	2441.00	0.935
NVNT	ANT1	1-DH5	2480.00	0.950
NVNT	ANT1	2-DH5	2402.00	1.202
NVNT	ANT1	2-DH5	2441.00	1.214
NVNT	ANT1	2-DH5	2480.00	1.226
NVNT	ANT1	3-DH5	2402.00	1.205
NVNT	ANT1	3-DH5	2441.00	1.211
NVNT	ANT1	3-DH5	2480.00	1.217

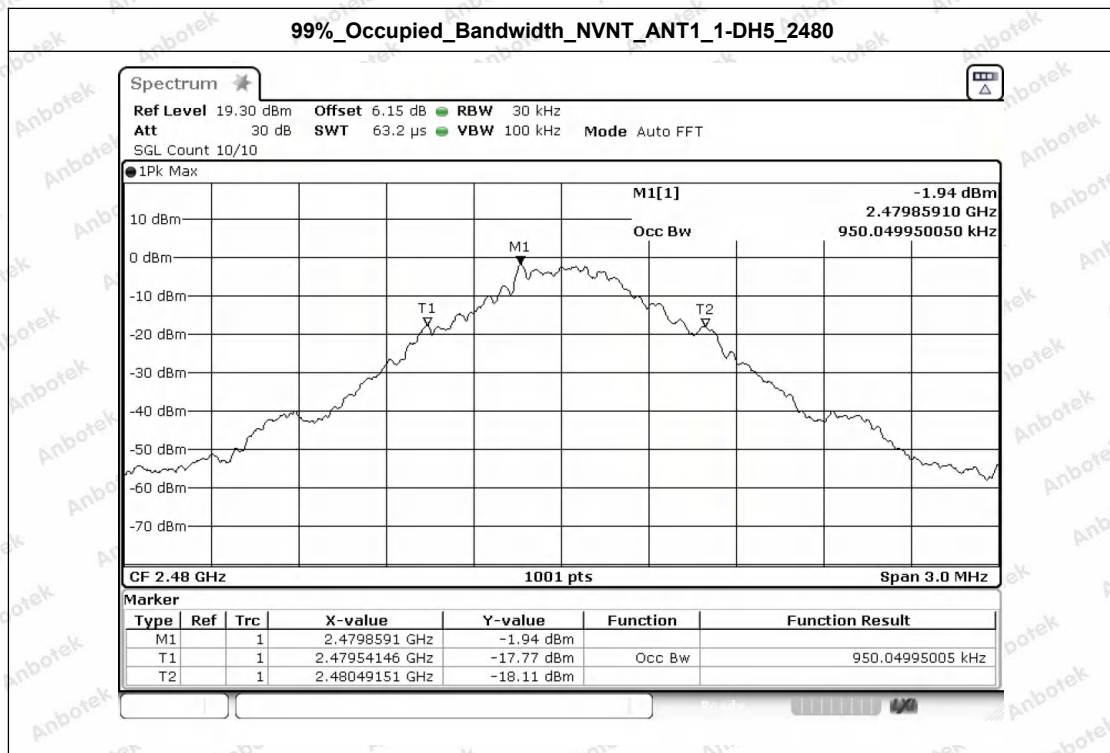


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441





99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402

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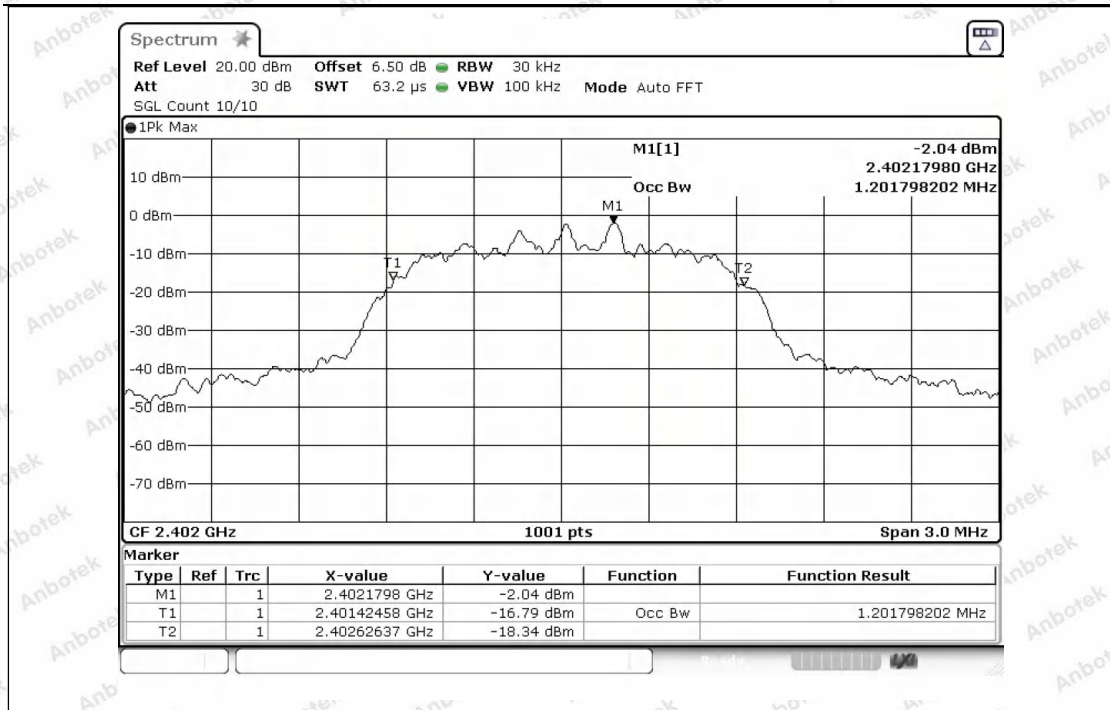
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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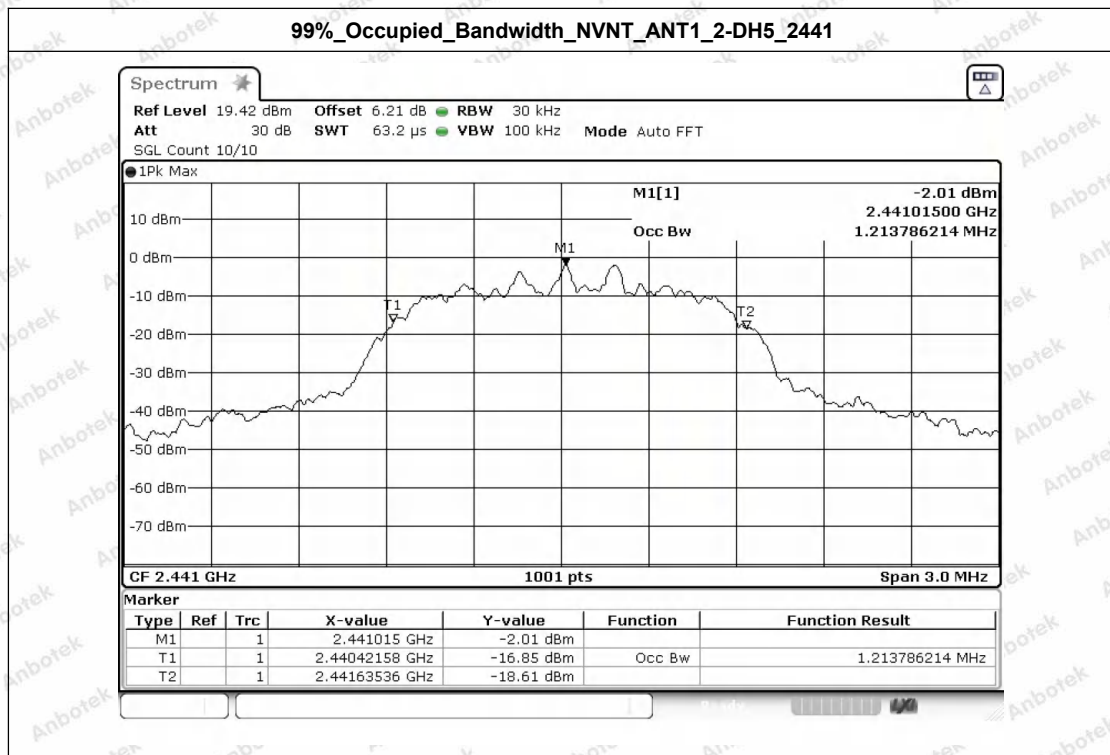
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99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441



99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480

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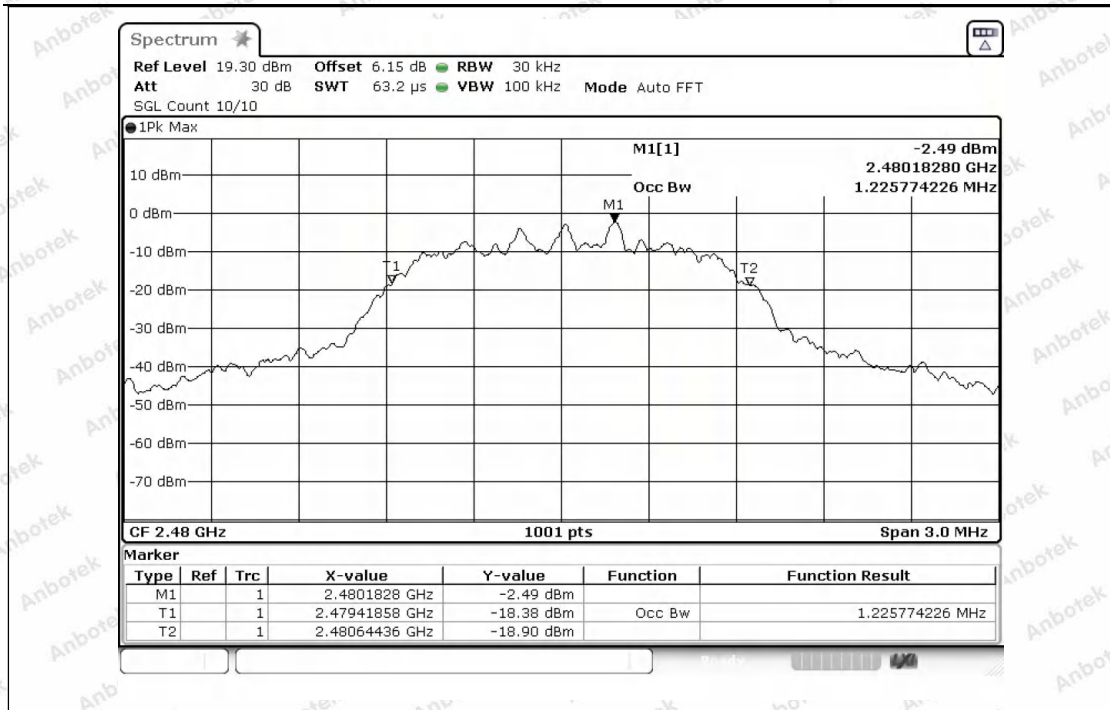
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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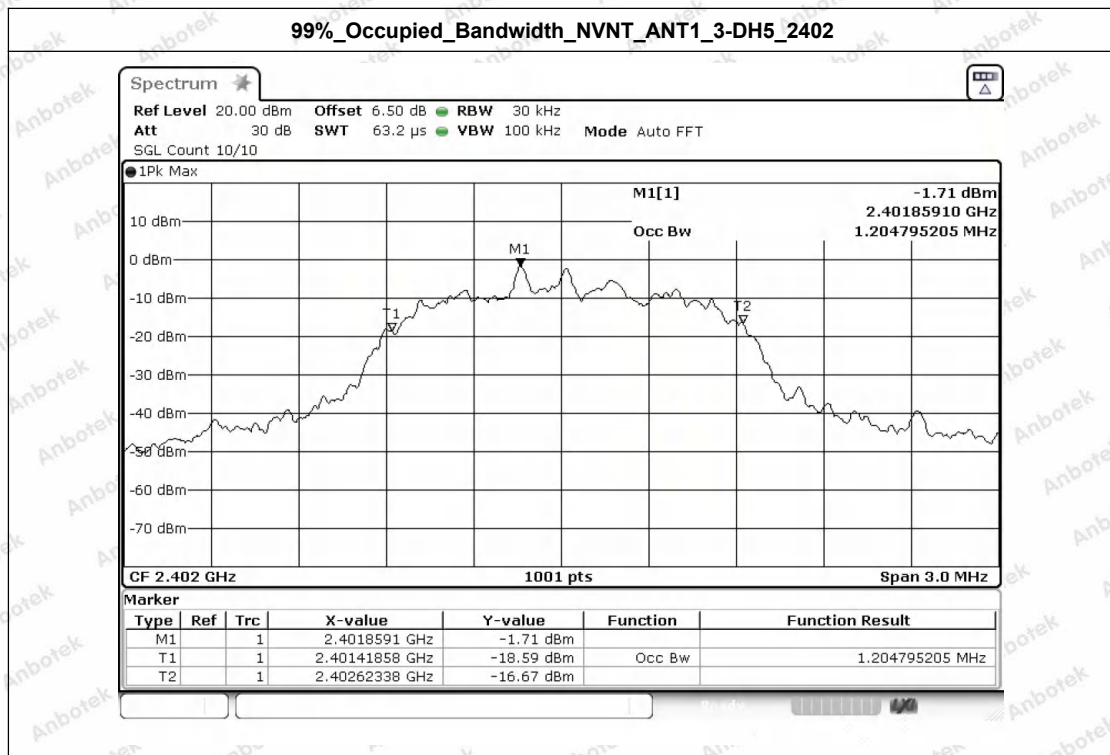
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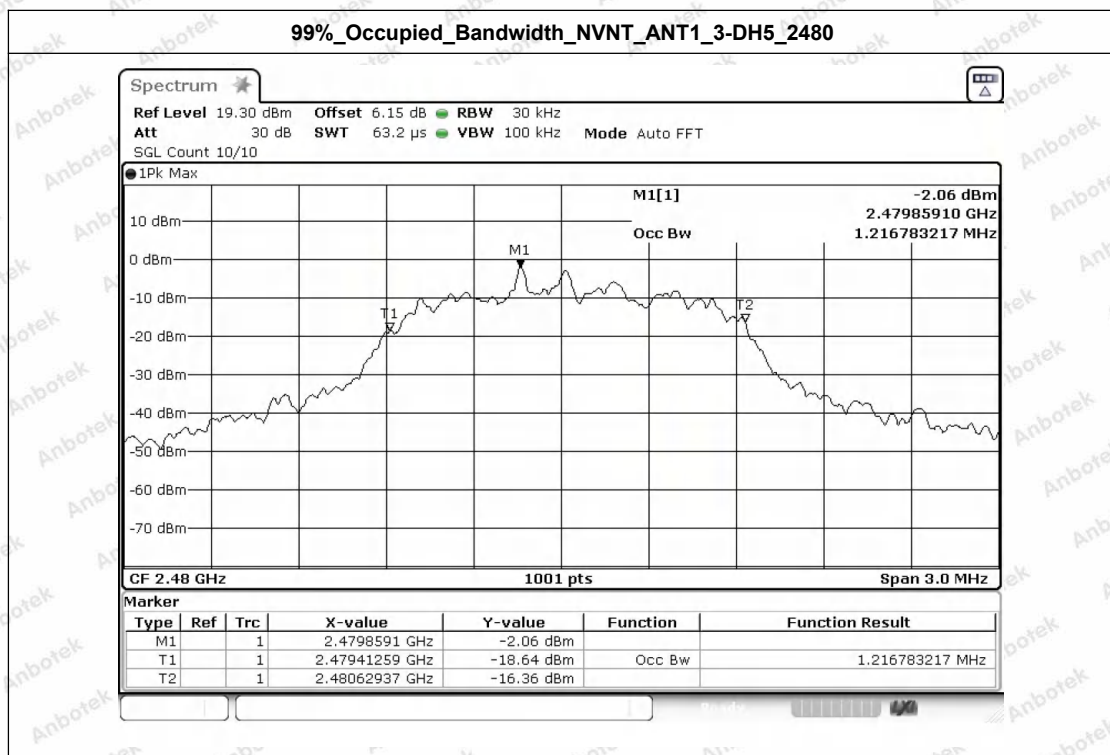
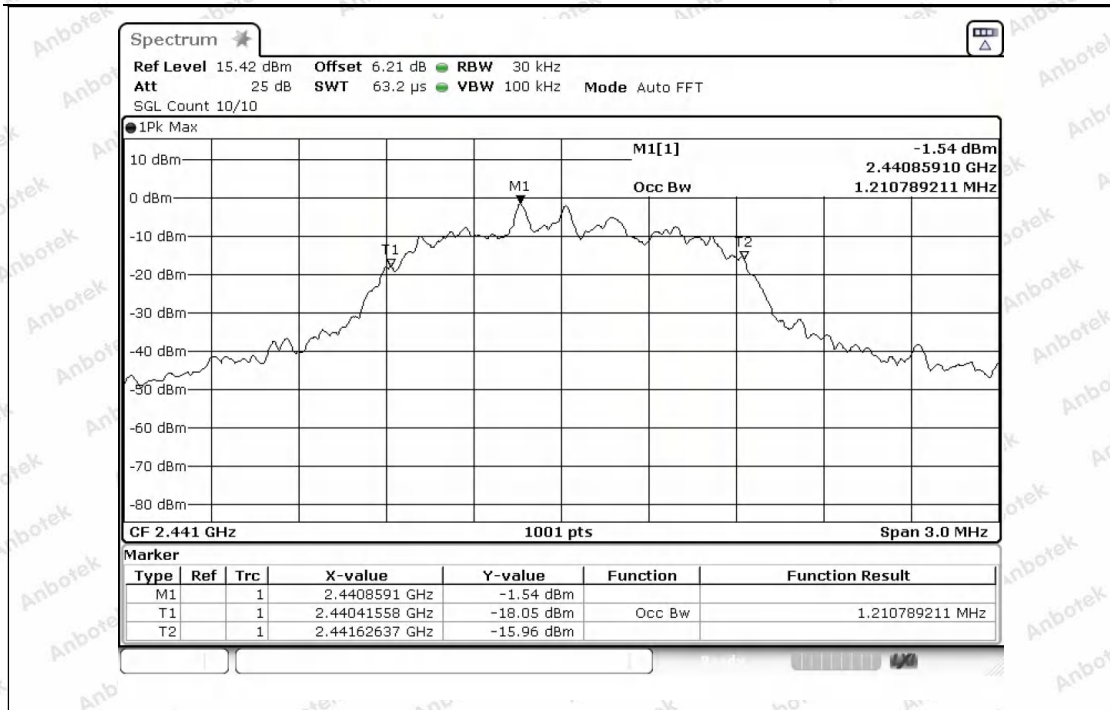


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402



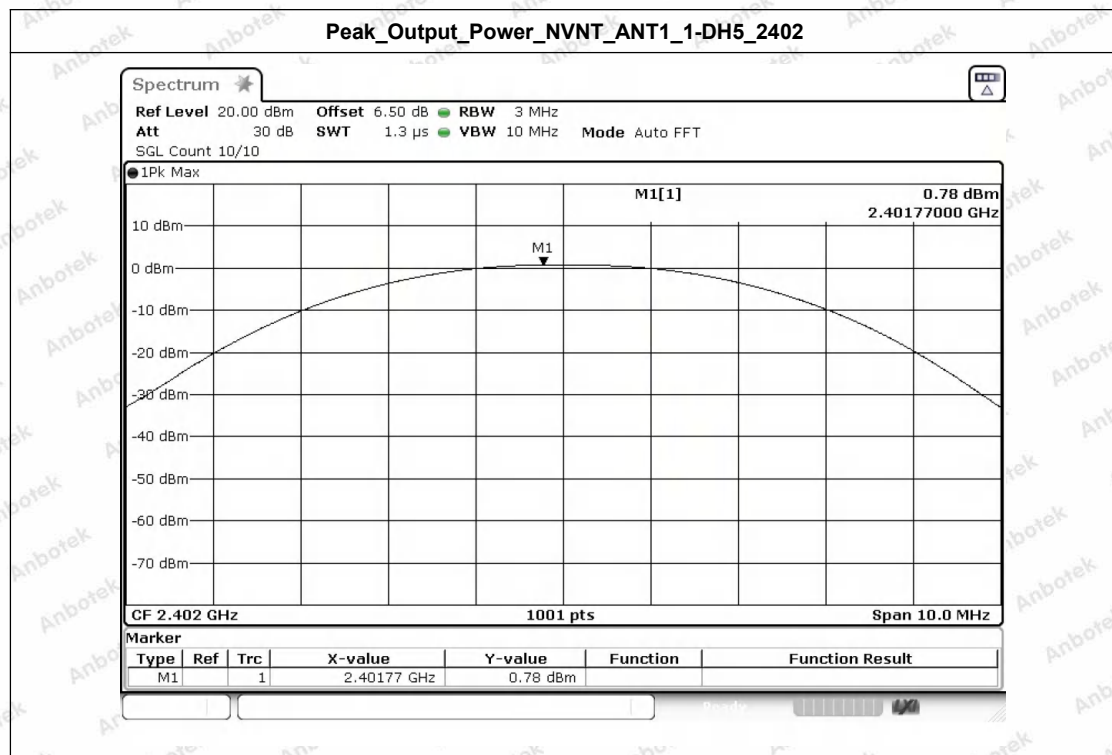
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441

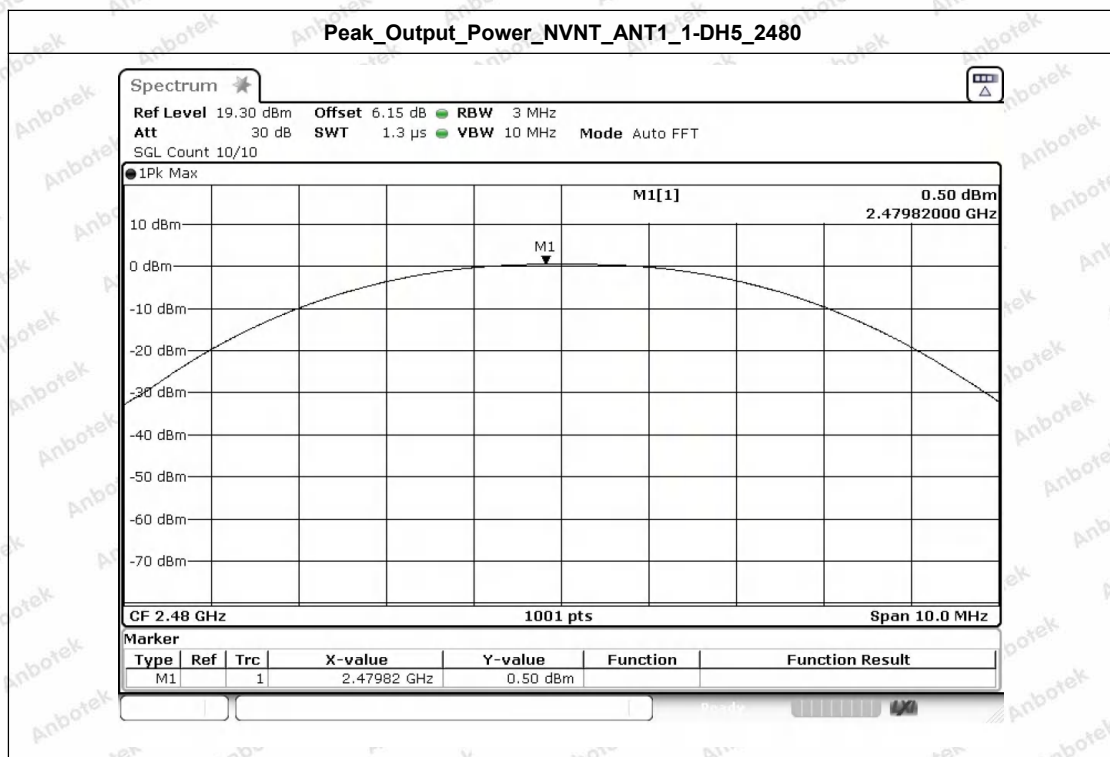
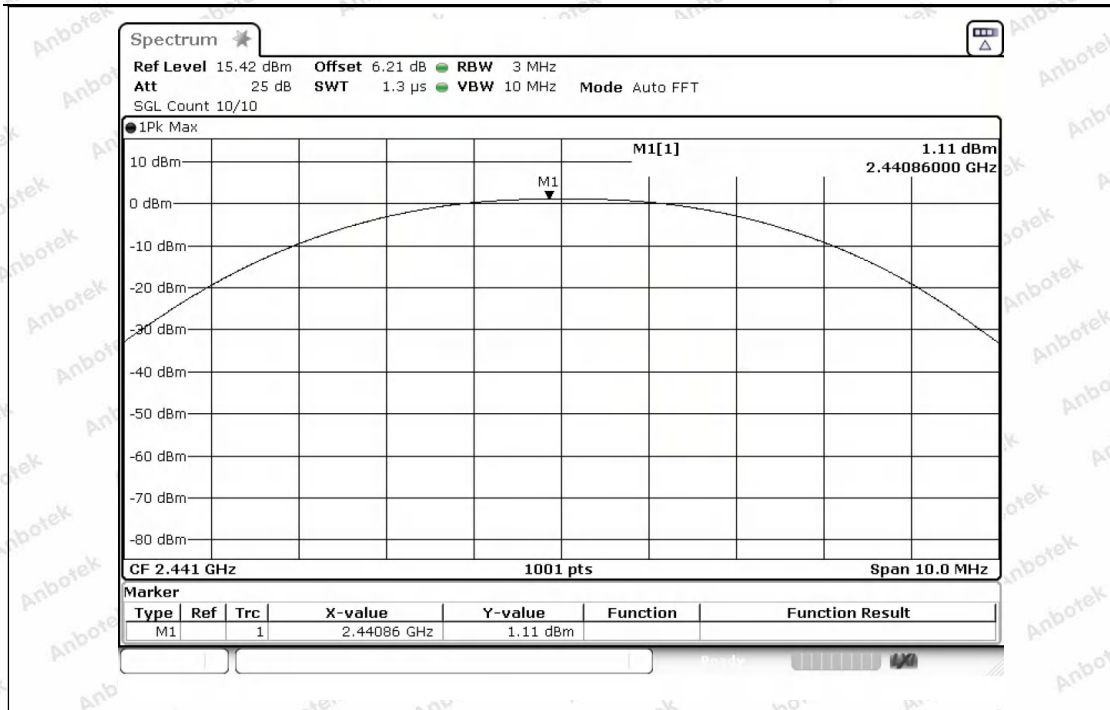




Appendix C: Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	0.78	1.20	125	Pass
NVNT	ANT1	1-DH5	2441.00	1.11	1.29	125	Pass
NVNT	ANT1	1-DH5	2480.00	0.50	1.12	125	Pass
NVNT	ANT1	2-DH5	2402.00	1.46	1.40	125	Pass
NVNT	ANT1	2-DH5	2441.00	1.61	1.45	125	Pass
NVNT	ANT1	2-DH5	2480.00	1.11	1.29	125	Pass
NVNT	ANT1	3-DH5	2402.00	1.77	1.50	125	Pass
NVNT	ANT1	3-DH5	2441.00	1.84	1.53	125	Pass
NVNT	ANT1	3-DH5	2480.00	1.32	1.36	125	Pass

**Peak_Output_Power_NVNT_ANT1_1-DH5_2441**



Peak_Output_Power_NVNT_ANT1_2-DH5_2402

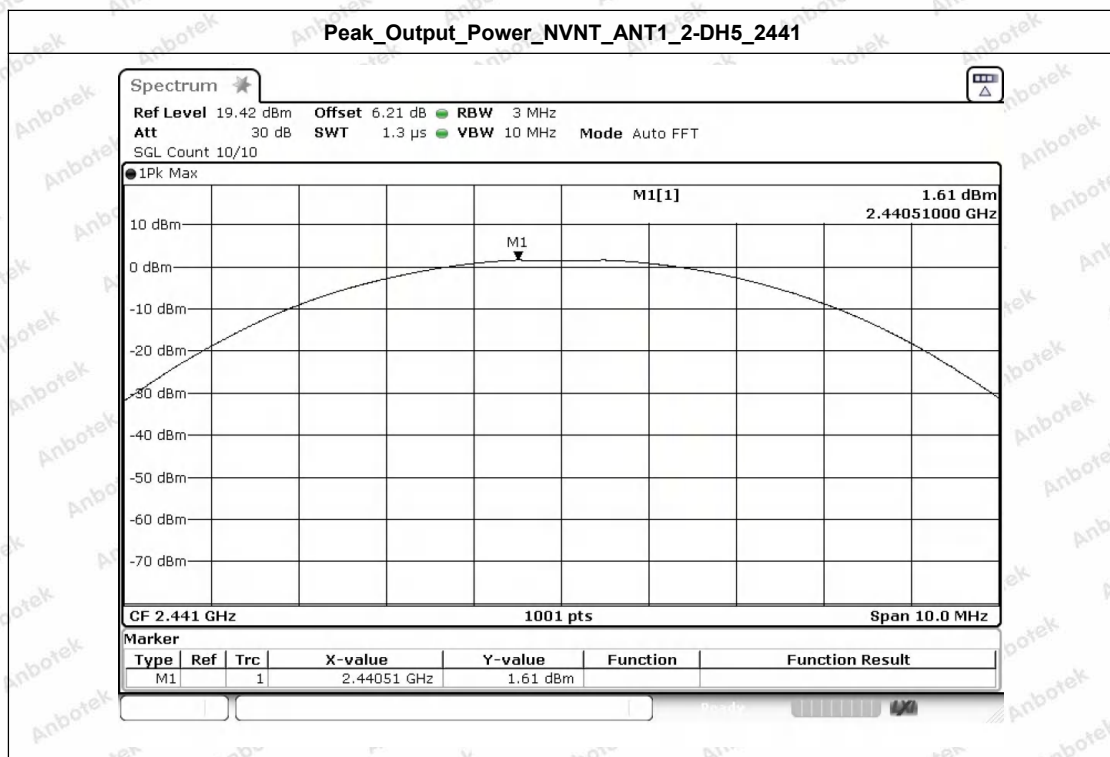
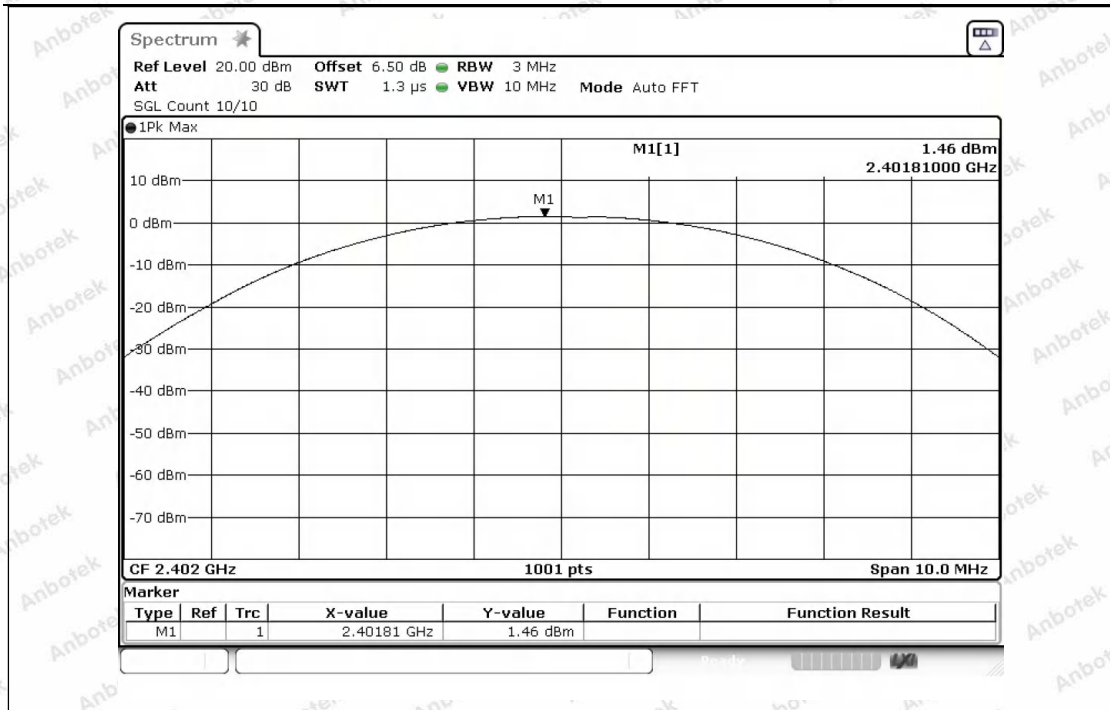
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Peak_Output_Power_NVNT_ANT1_2-DH5_2480

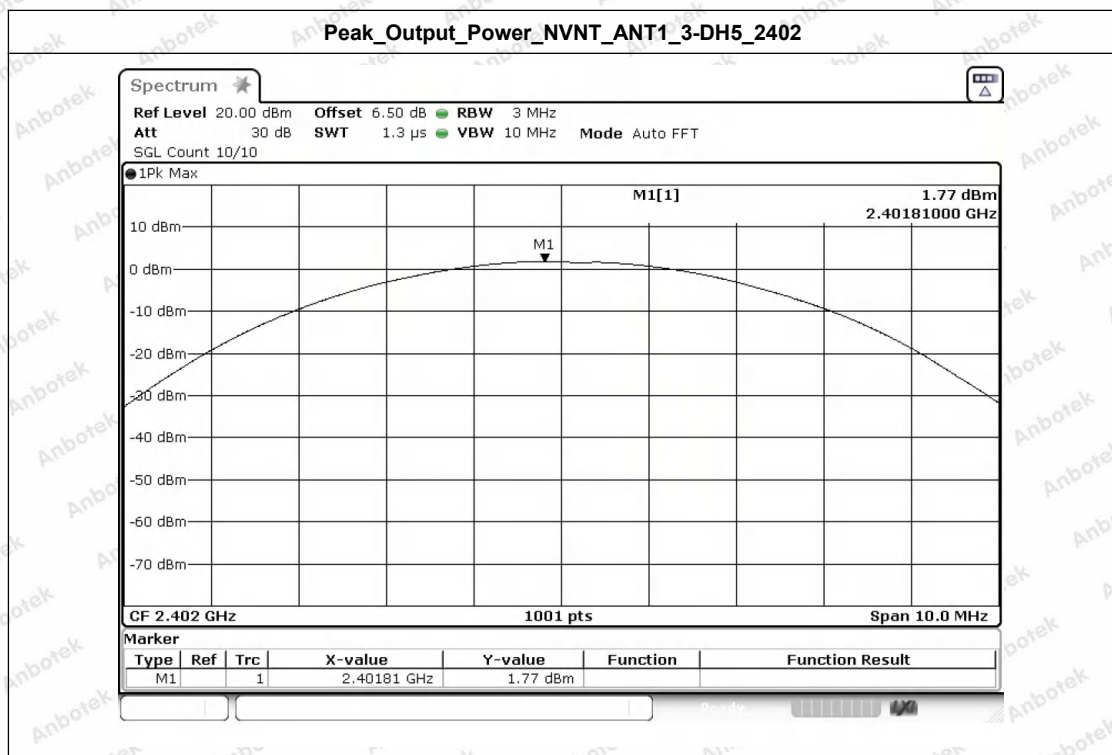
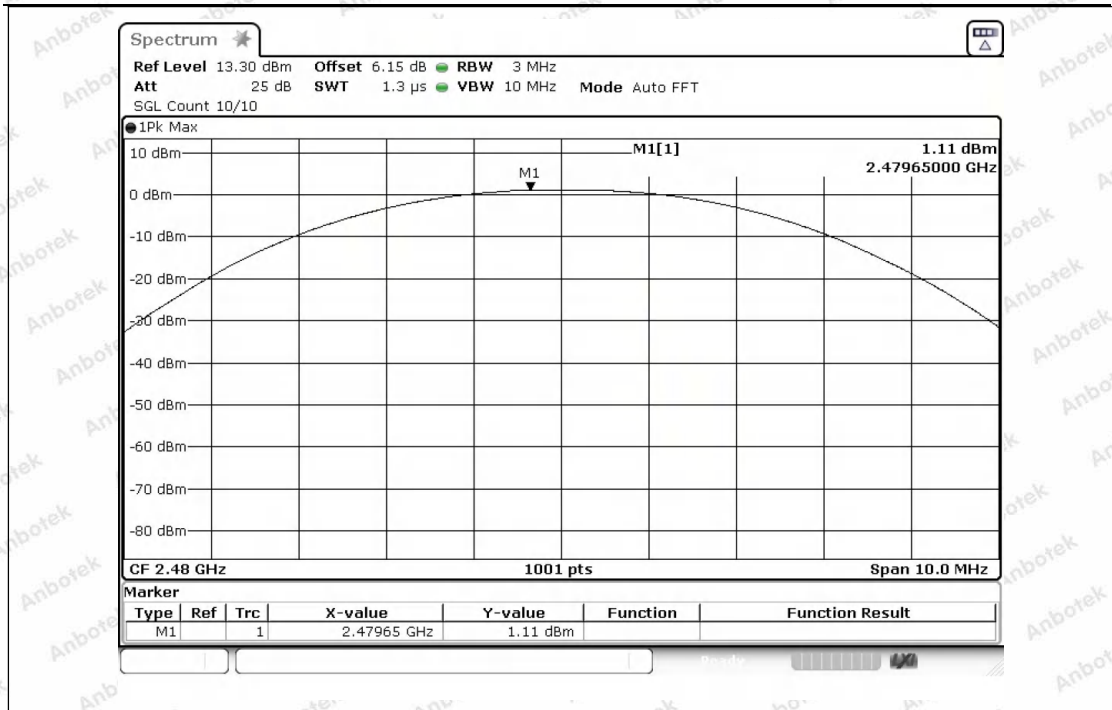
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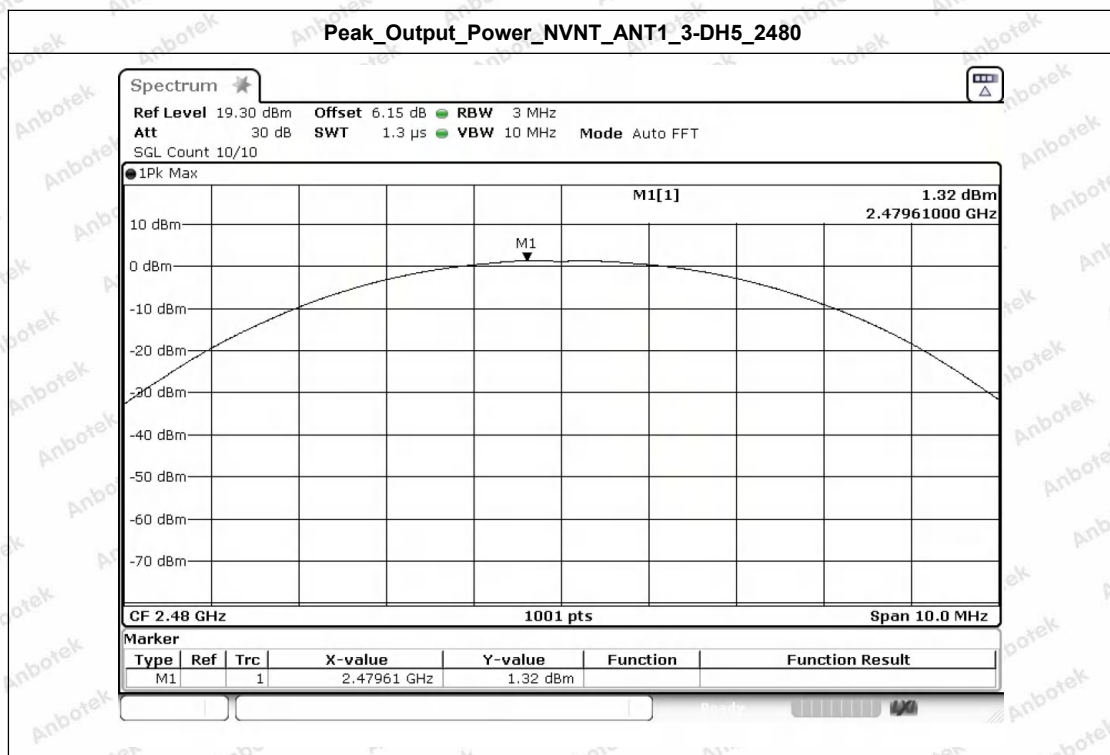
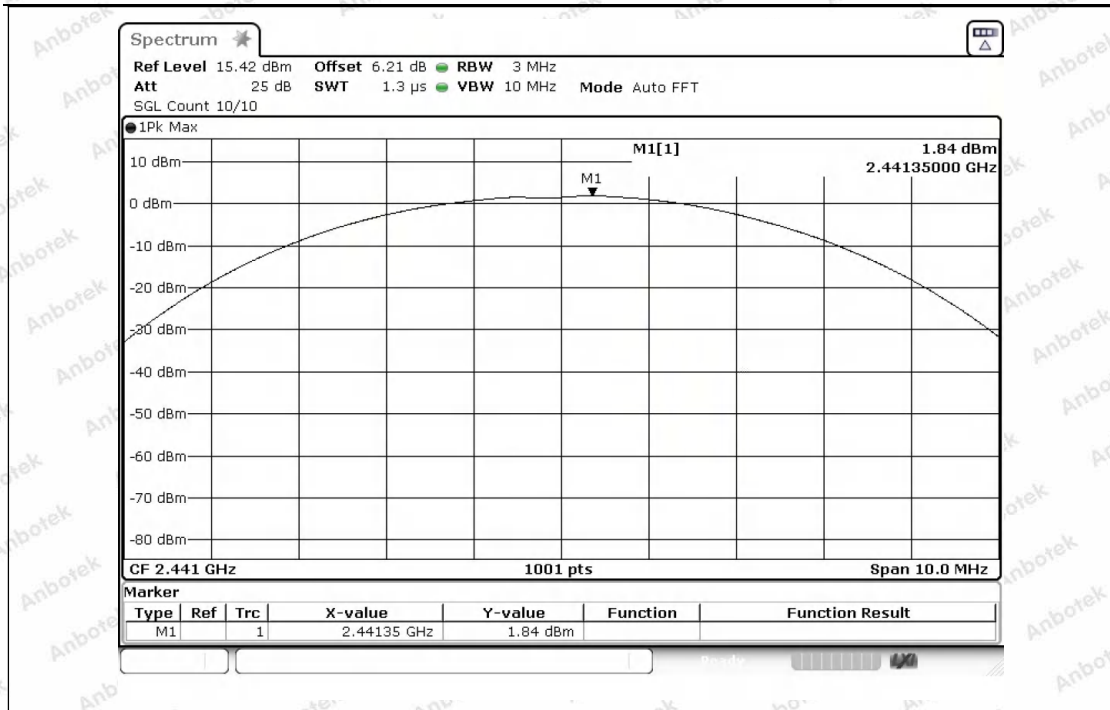
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Peak_Output_Power_NVNT_ANT1_3-DH5_2441





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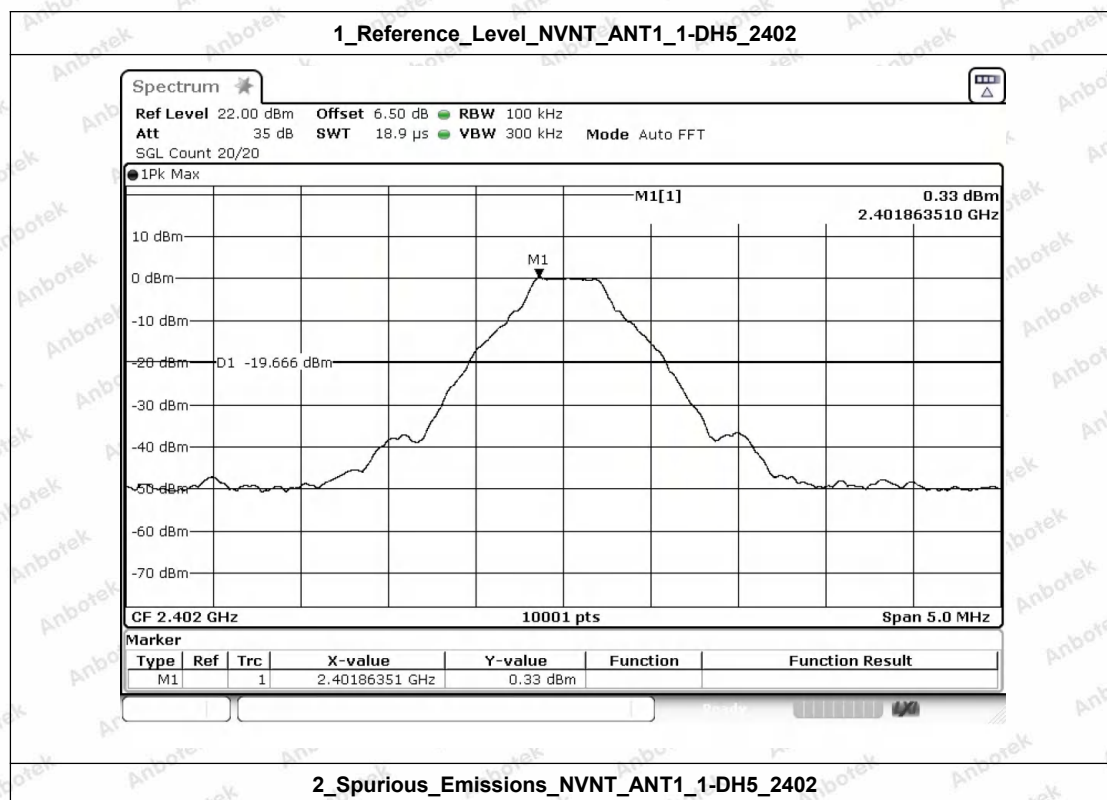


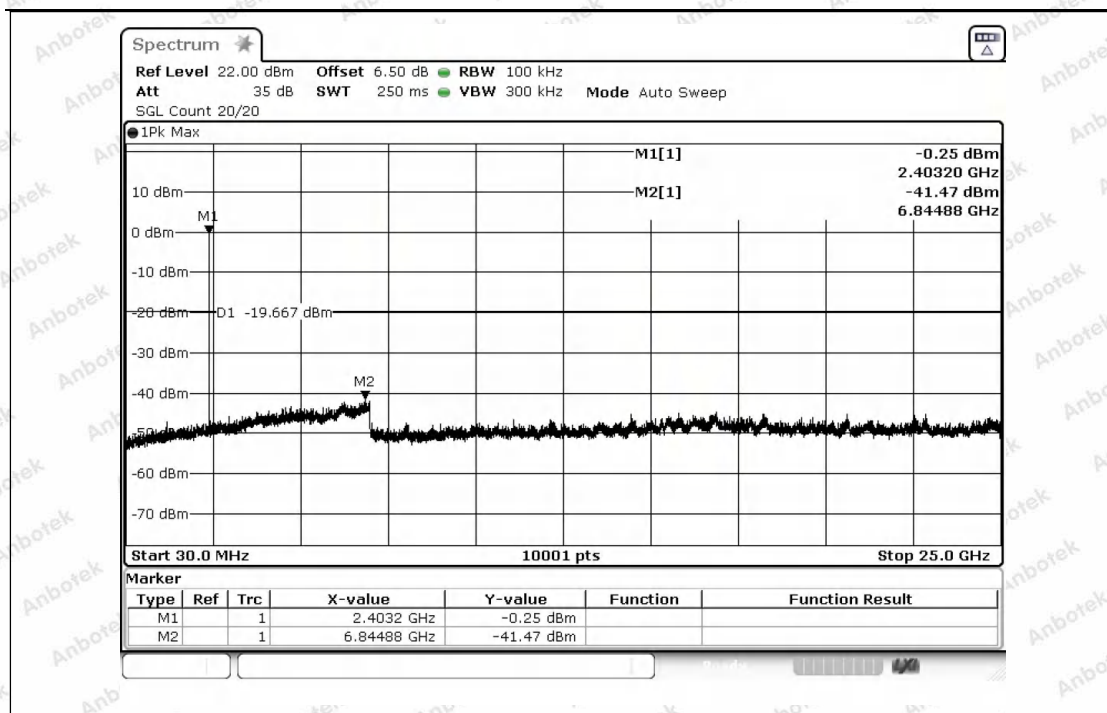
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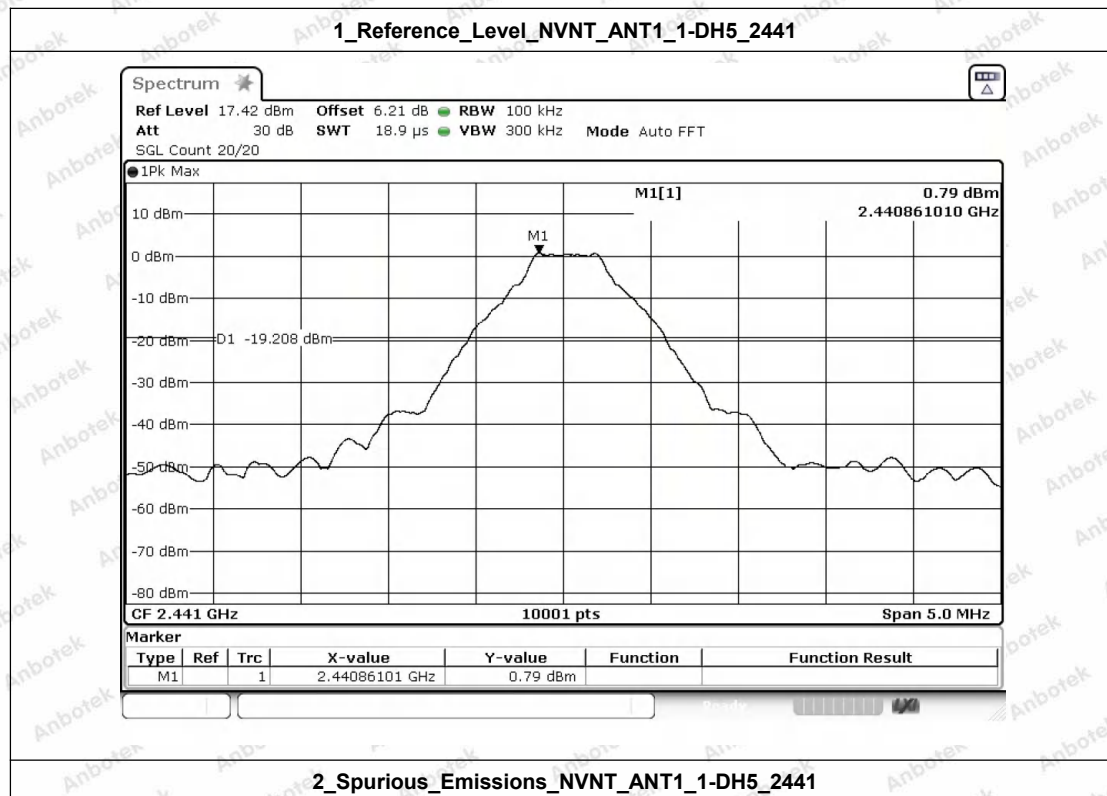
Appendix D: Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-41.474	-19.667	Pass
NVNT	ANT1	1-DH5	2441.00	-36.734	-19.208	Pass
NVNT	ANT1	1-DH5	2480.00	-42.033	-19.826	Pass
NVNT	ANT1	2-DH5	2402.00	-47.132	-19.447	Pass
NVNT	ANT1	2-DH5	2441.00	-47.515	-19.209	Pass
NVNT	ANT1	2-DH5	2480.00	-42.106	-19.835	Pass
NVNT	ANT1	3-DH5	2402.00	-41.406	-19.490	Pass
NVNT	ANT1	3-DH5	2441.00	-47.072	-19.304	Pass
NVNT	ANT1	3-DH5	2480.00	-41.845	-19.882	Pass



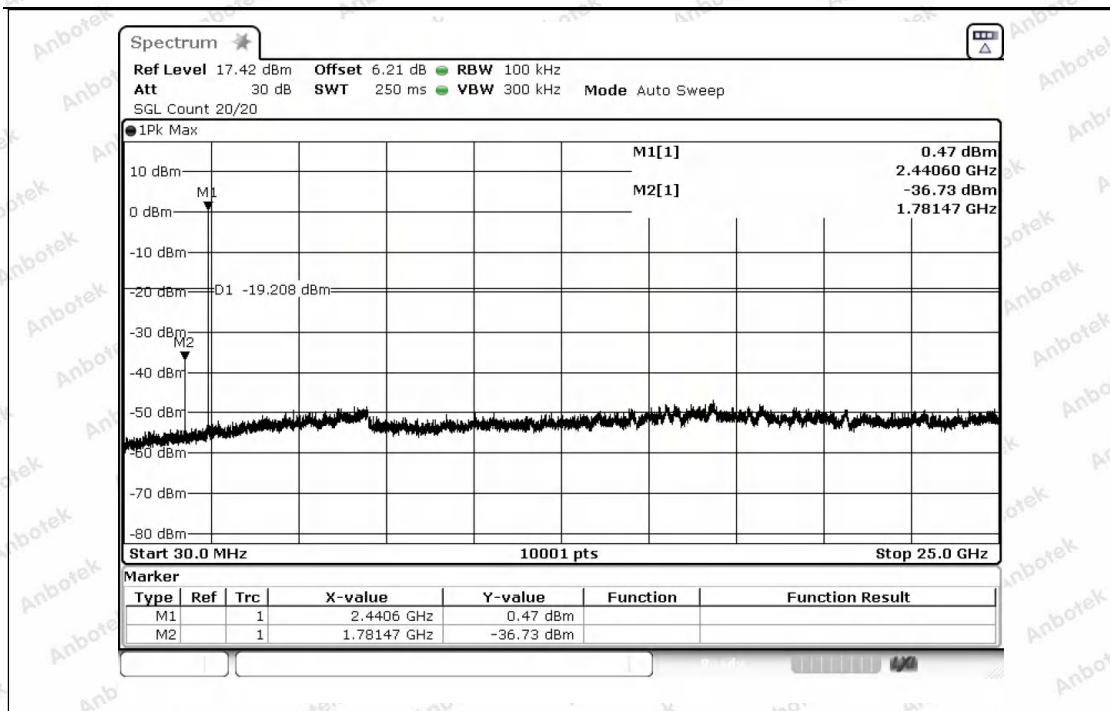


1_Reference_Level_NVNT_ANT1_1-DH5_2441

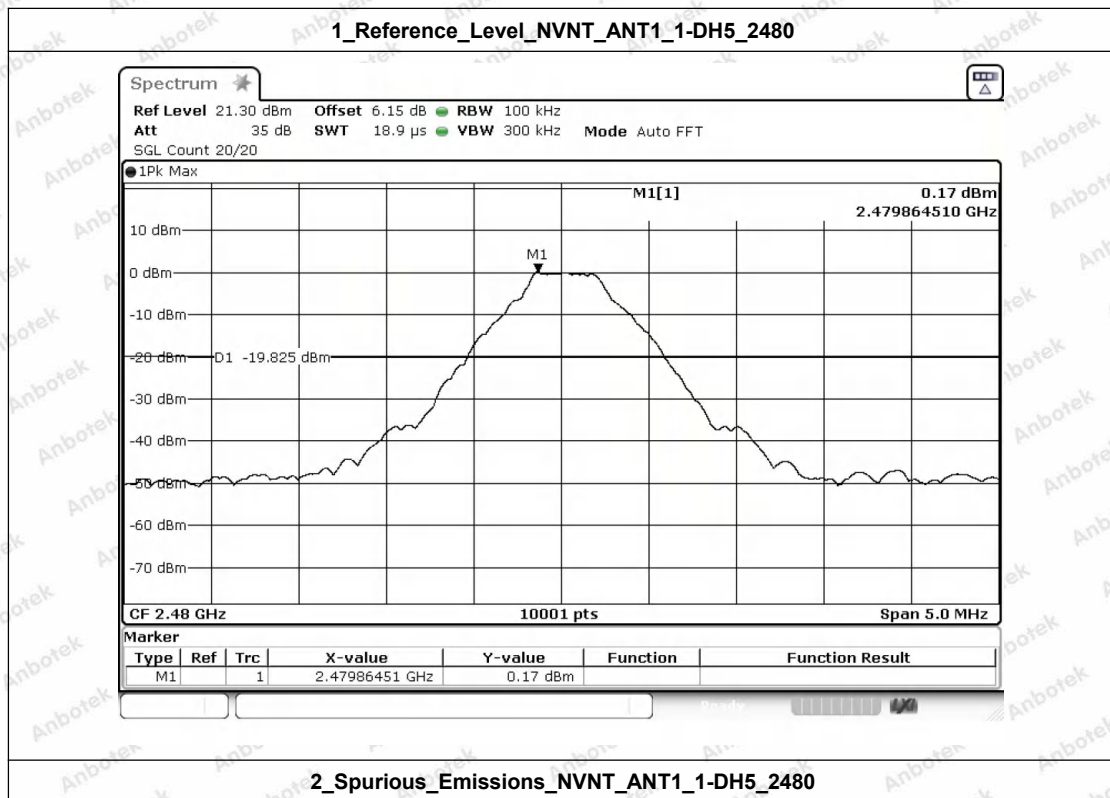


2_Spurious_Emissions_NVNT_ANT1_1-DH5_2441





1_Reference_Level_NVNT_ANT1_1-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2480

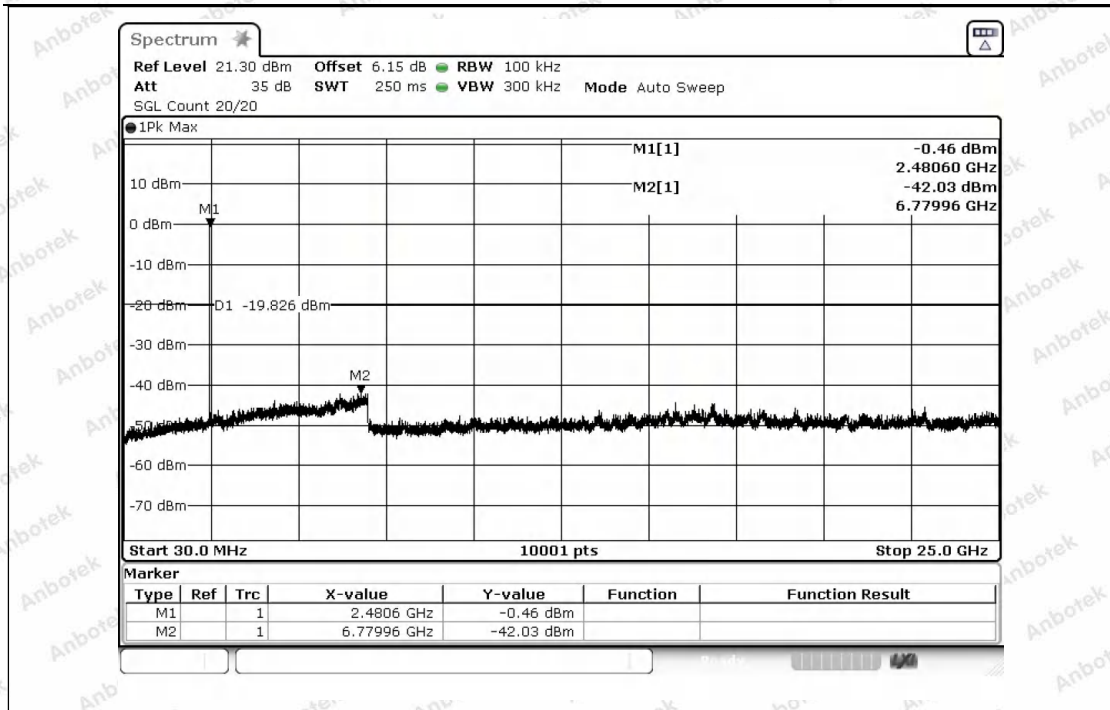
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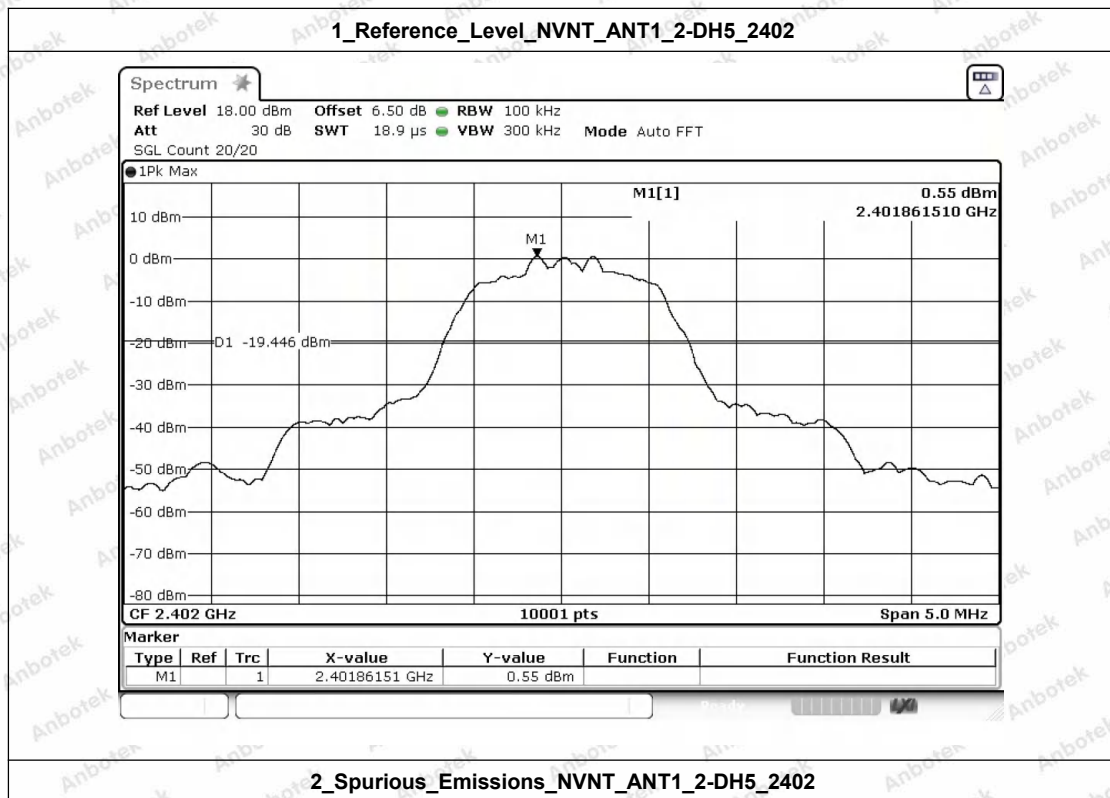


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1_Reference_Level_NVNT_ANT1_2-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2402

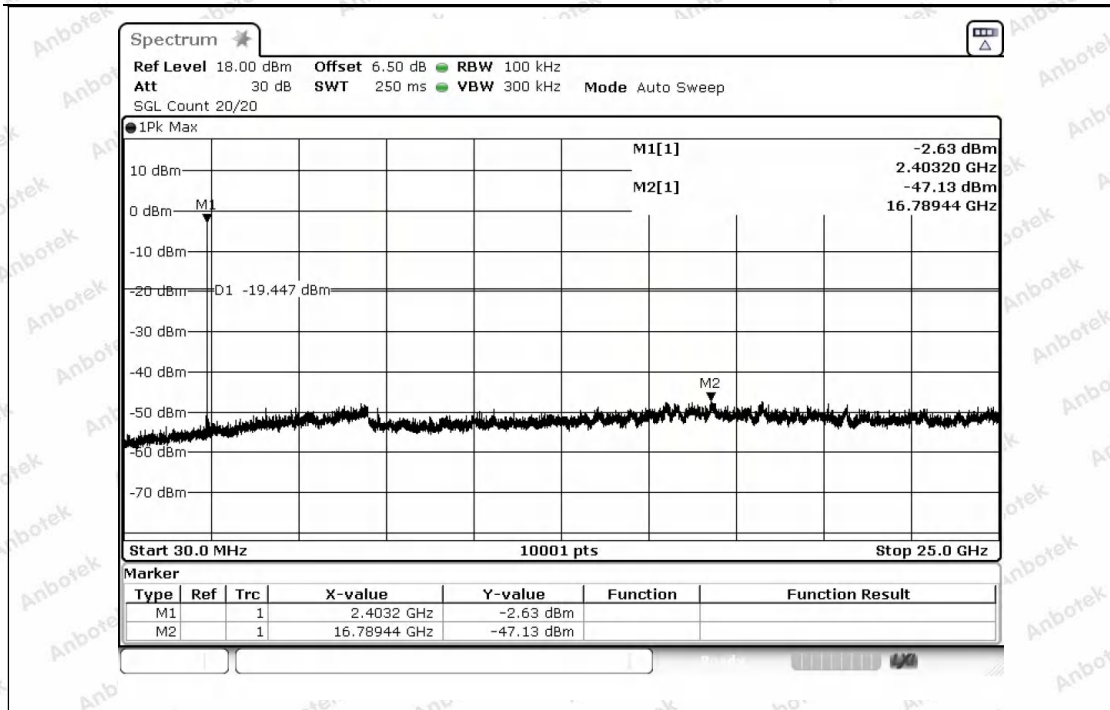
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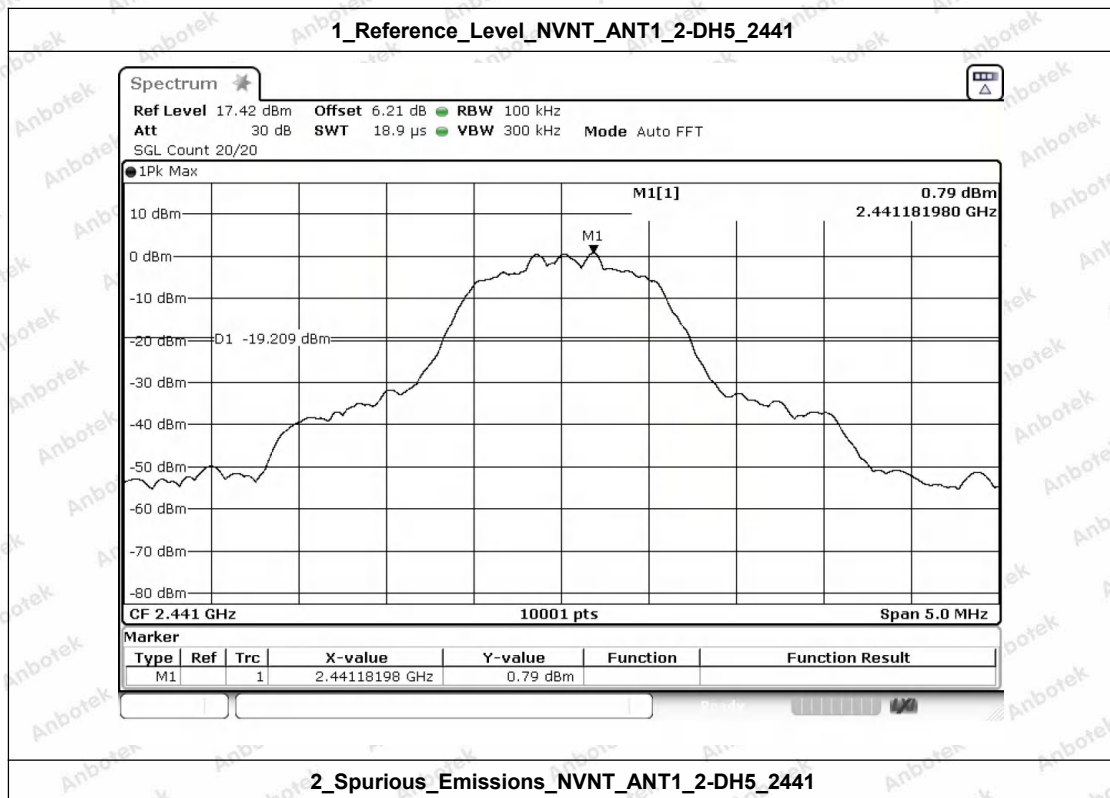


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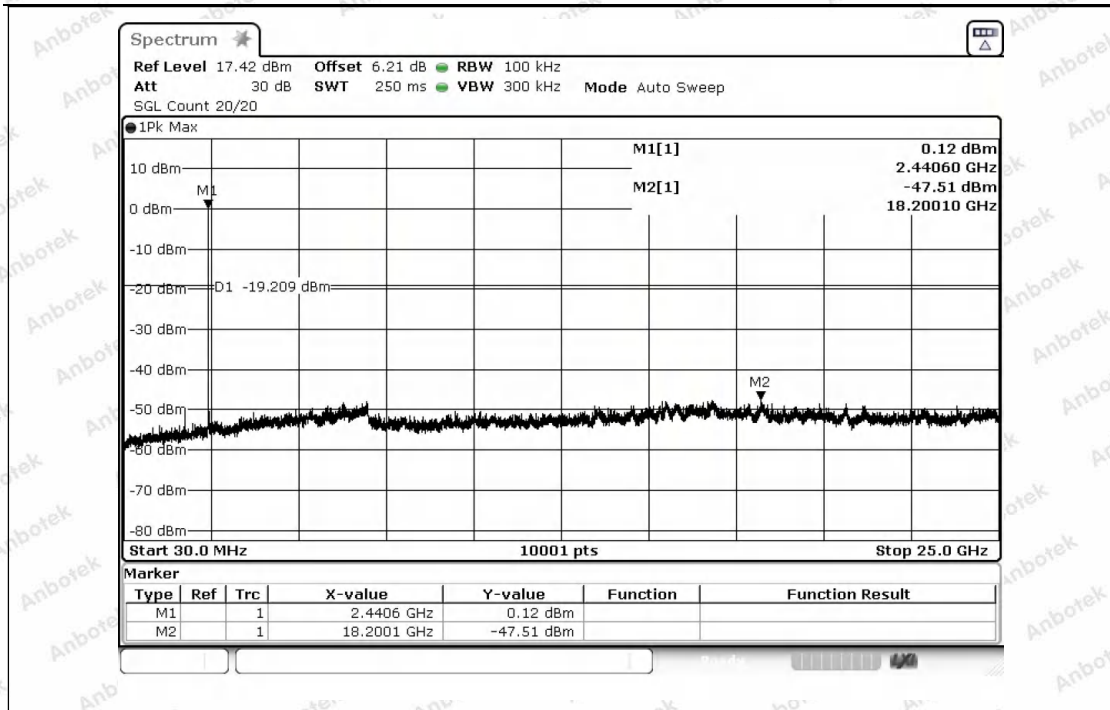


1_Reference_Level_NVNT_ANT1_2-DH5_2441

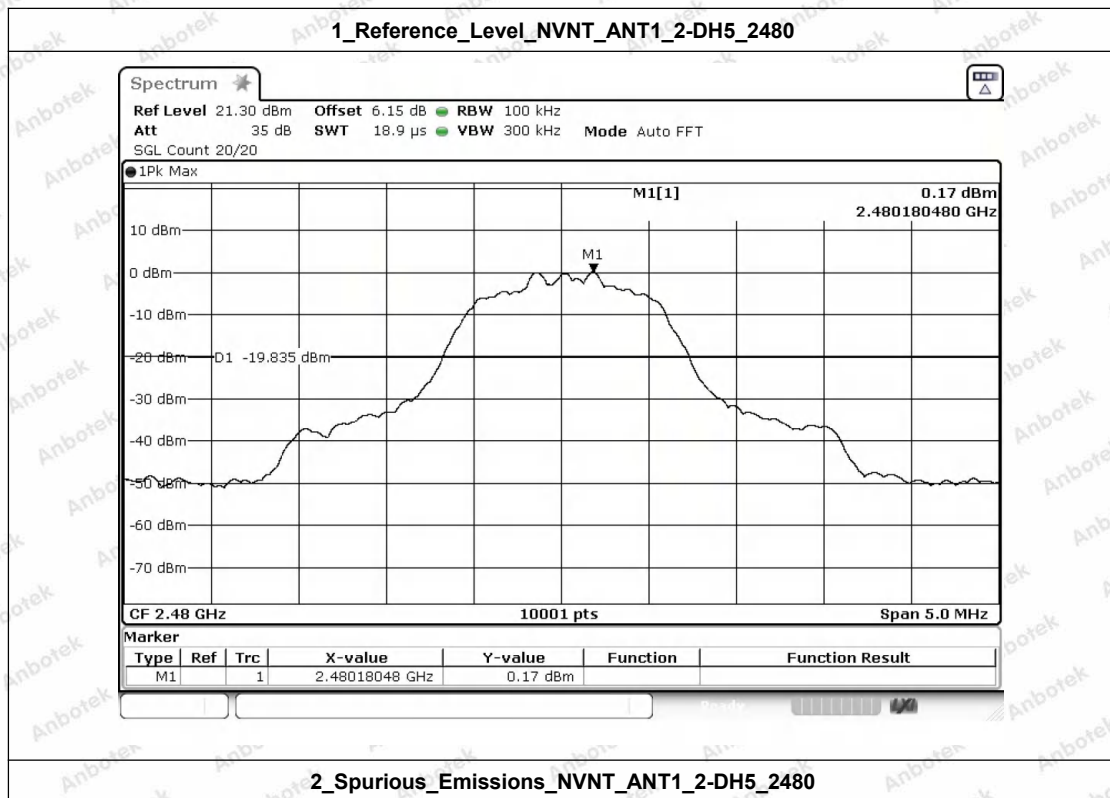


2_Spurious_Emissions_NVNT_ANT1_2-DH5_2441





1_Reference_Level_NVNT_ANT1_2-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_2-DH5_2480

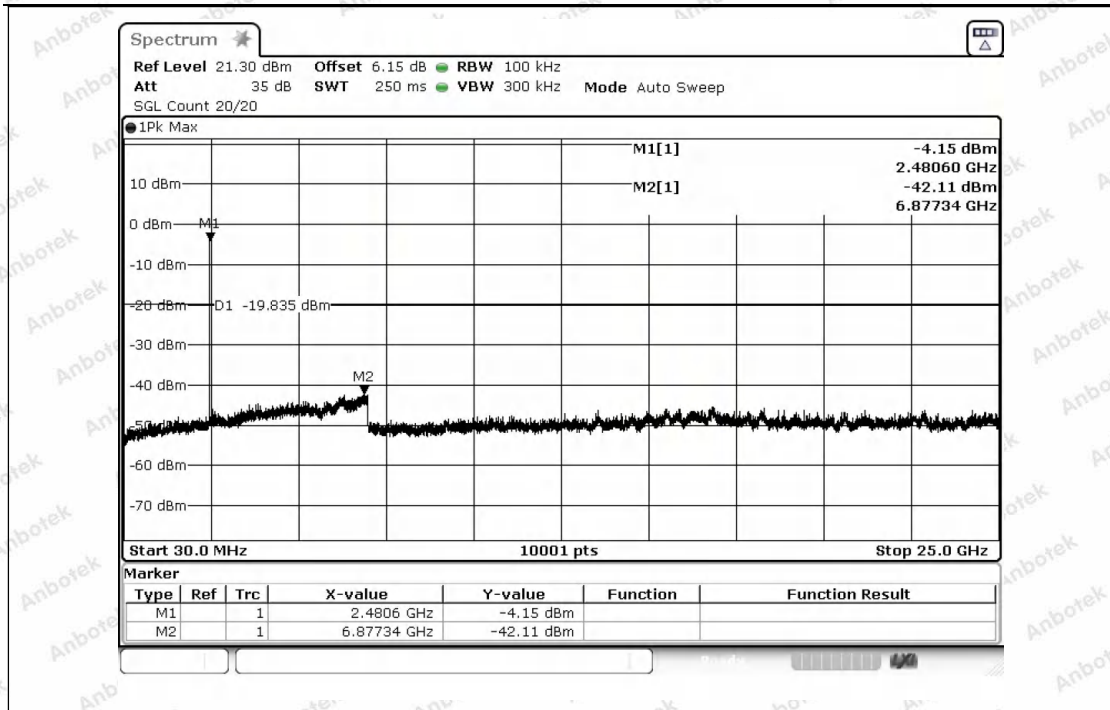
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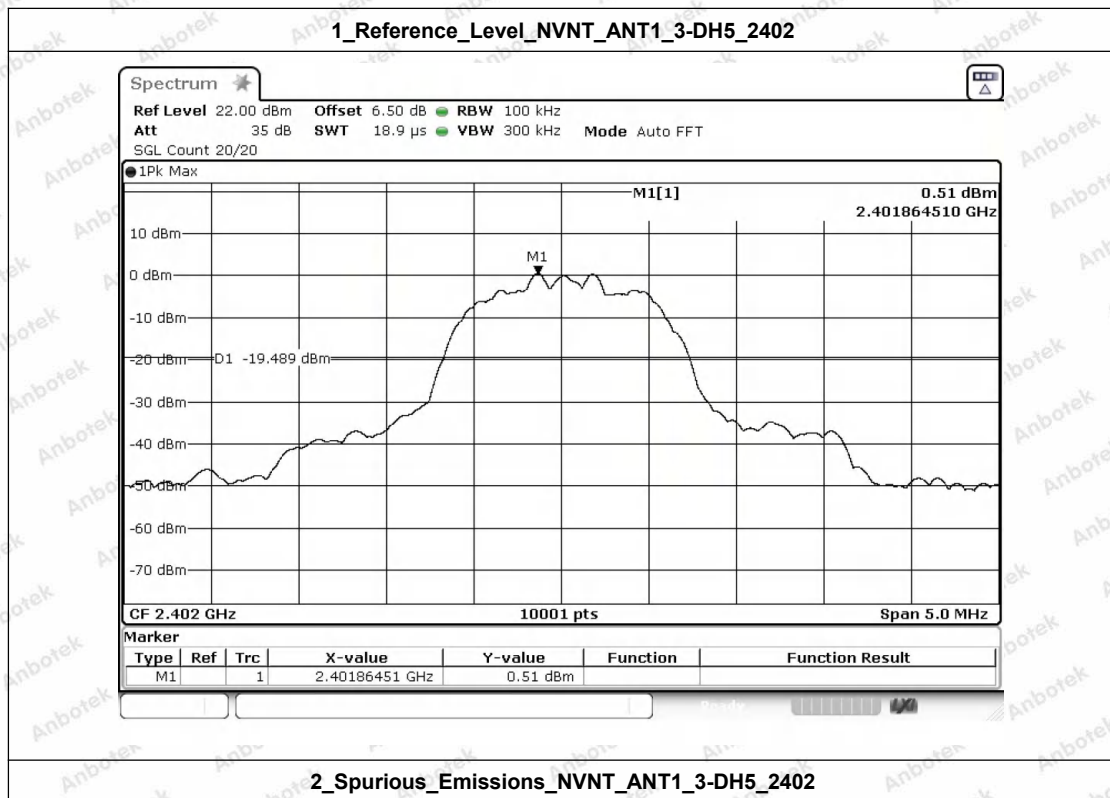


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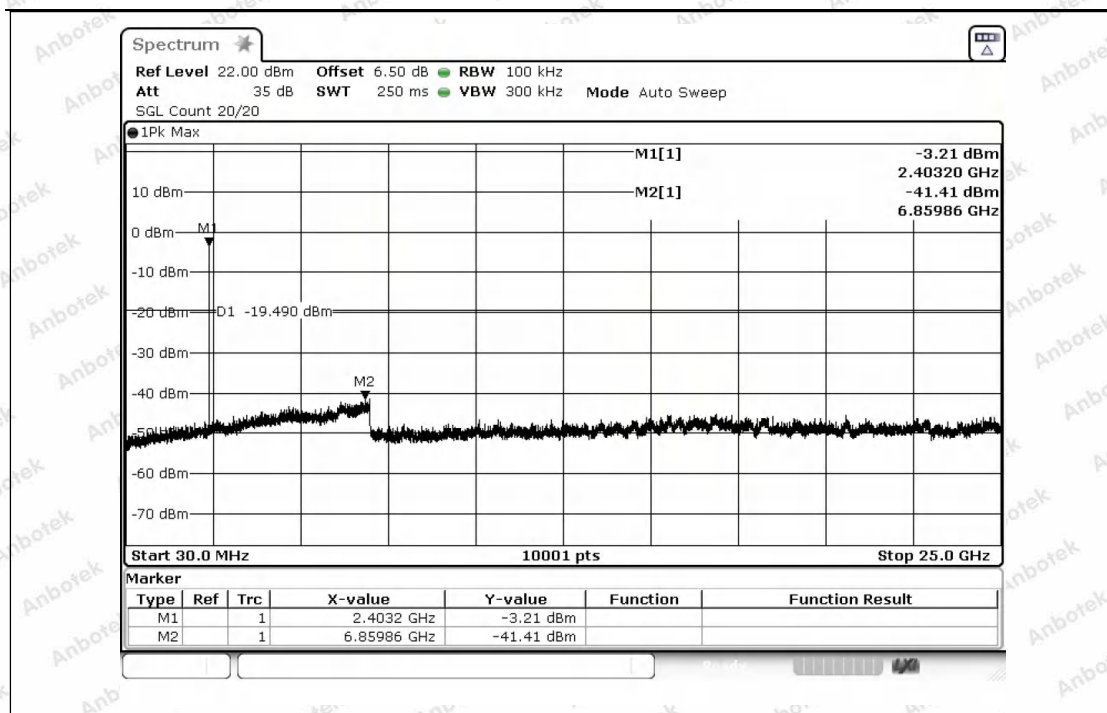


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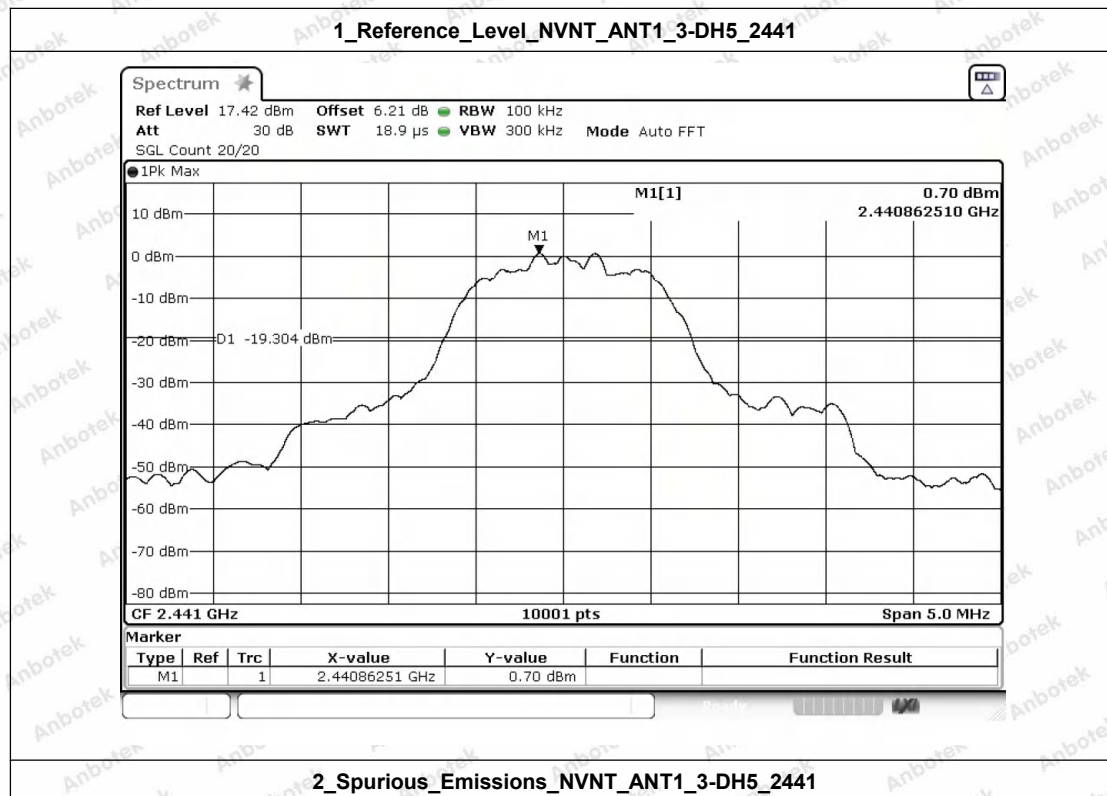


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2402



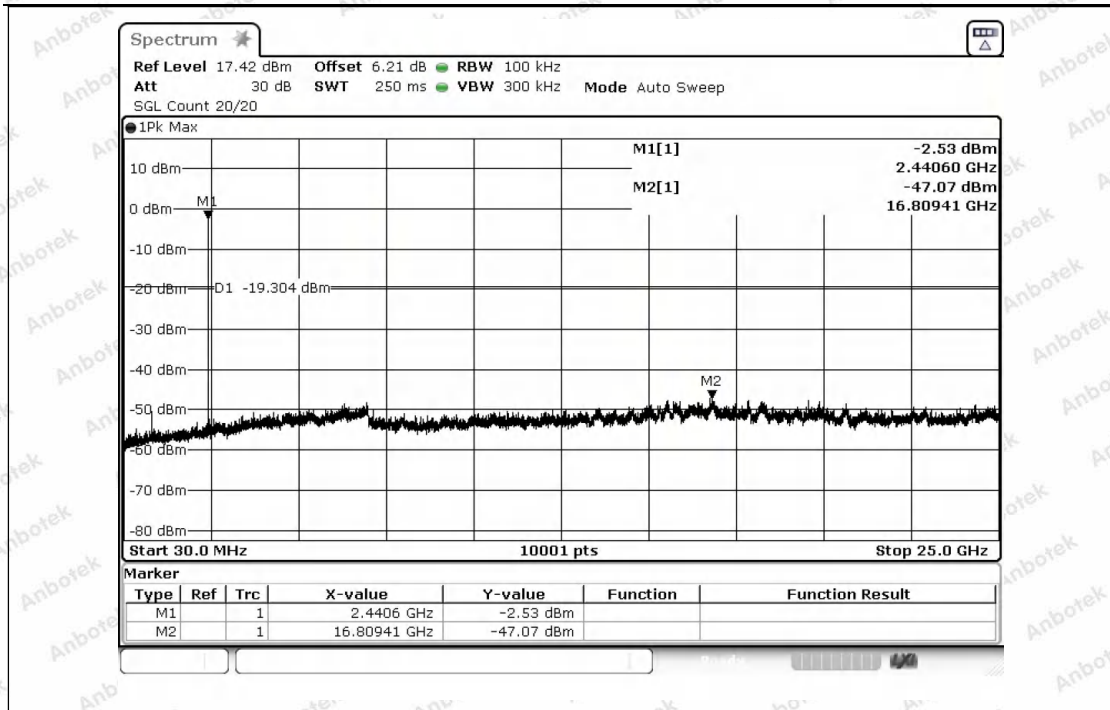


1_Reference_Level_NVNT_ANT1_3-DH5_2441

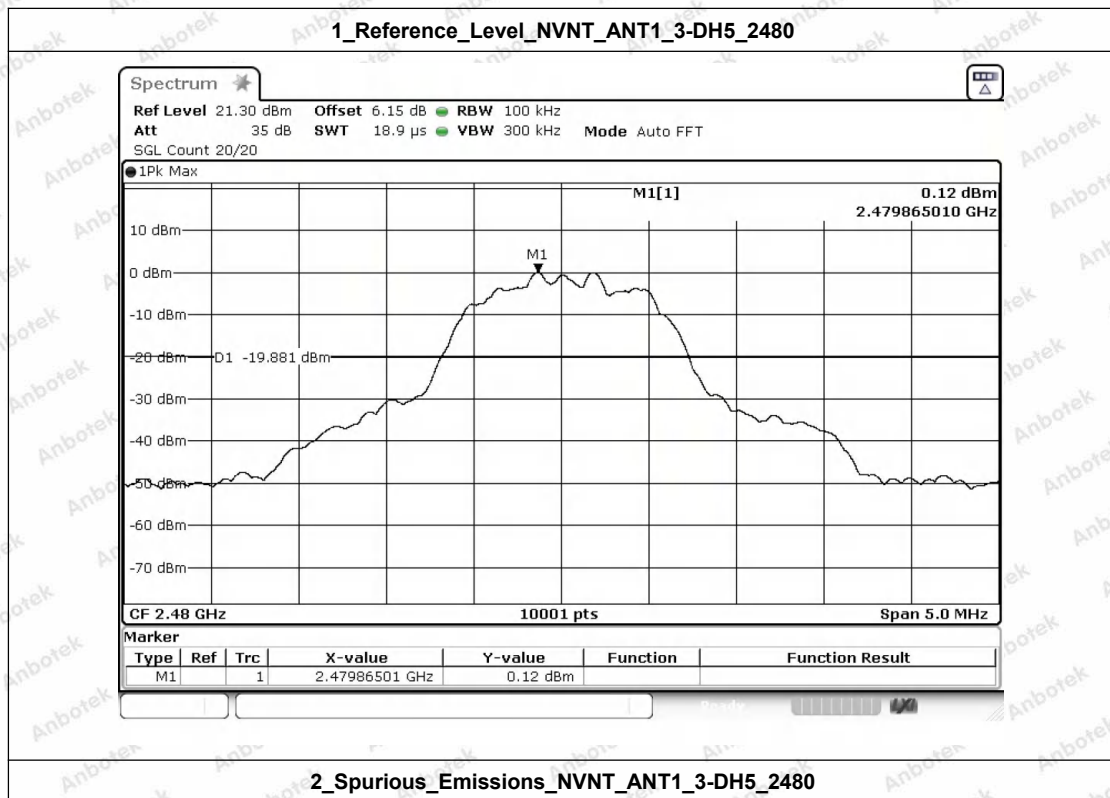


2_Spurious_Emissions_NVNT_ANT1_3-DH5_2441





1_Reference_Level_NVNT_ANT1_3-DH5_2480



2_Spurious_Emissions_NVNT_ANT1_3-DH5_2480

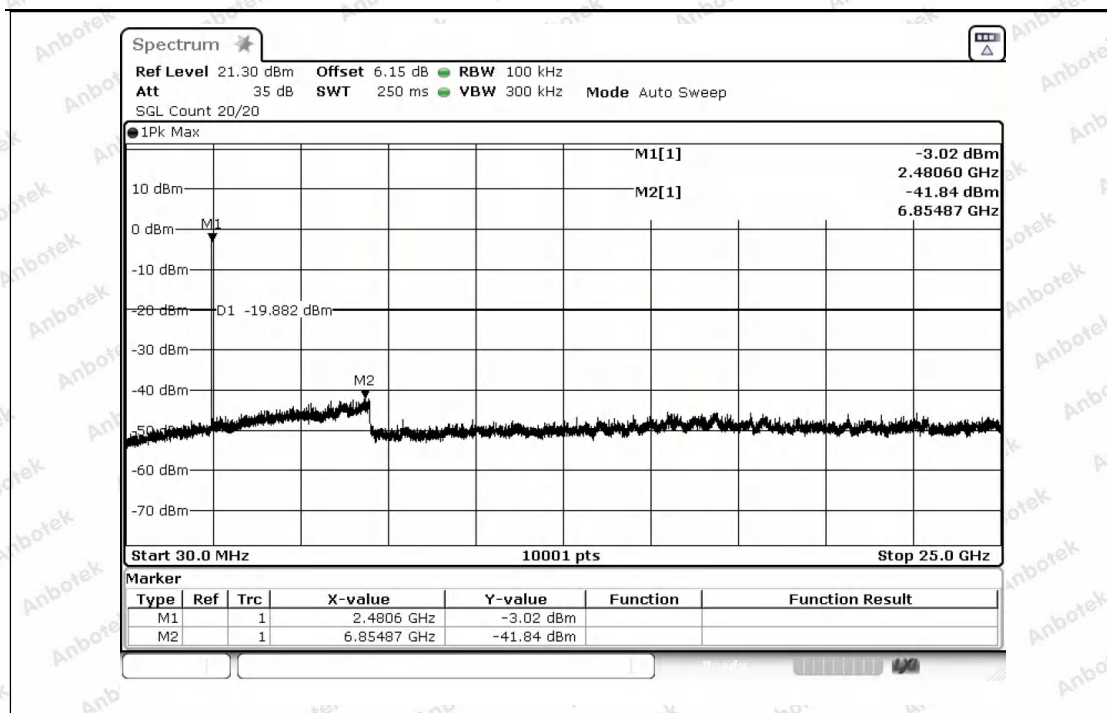
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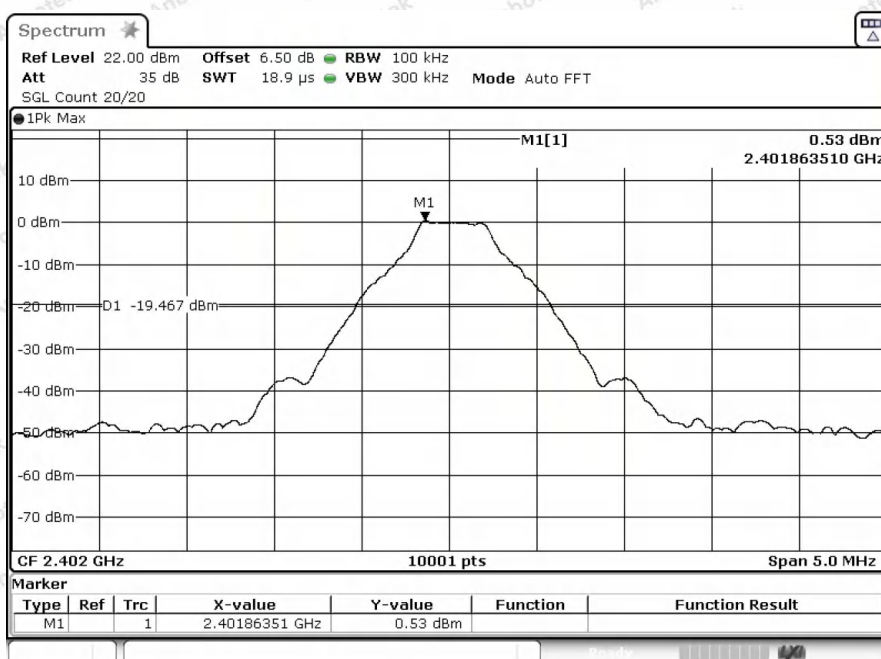


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Appendix E: Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-47.407	-19.468	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-47.290	-18.809	Pass
NVNT	ANT1	1-DH5	2480.00	-46.621	-19.826	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-47.020	-19.263	Pass
NVNT	ANT1	2-DH5	2402.00	-49.185	-19.447	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-53.454	-18.769	Pass
NVNT	ANT1	2-DH5	2480.00	-47.243	-19.835	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-51.368	-19.234	Pass
NVNT	ANT1	3-DH5	2402.00	-47.197	-19.490	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-53.062	-18.812	Pass
NVNT	ANT1	3-DH5	2480.00	-46.804	-19.882	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-47.457	-19.260	Pass

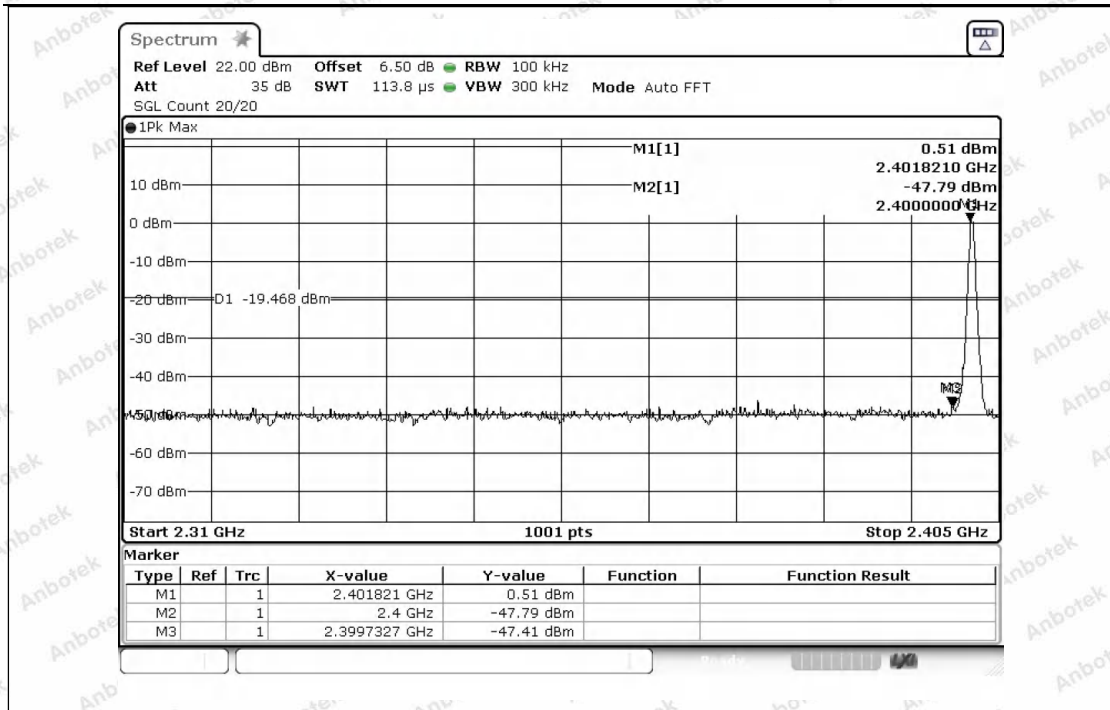
1_Reference_Level_NVNT_ANT1_1-DH5_2402**2_Bandedge_NVNT_ANT1_1-DH5_2402****Shenzhen Anbotek Compliance Laboratory Limited**

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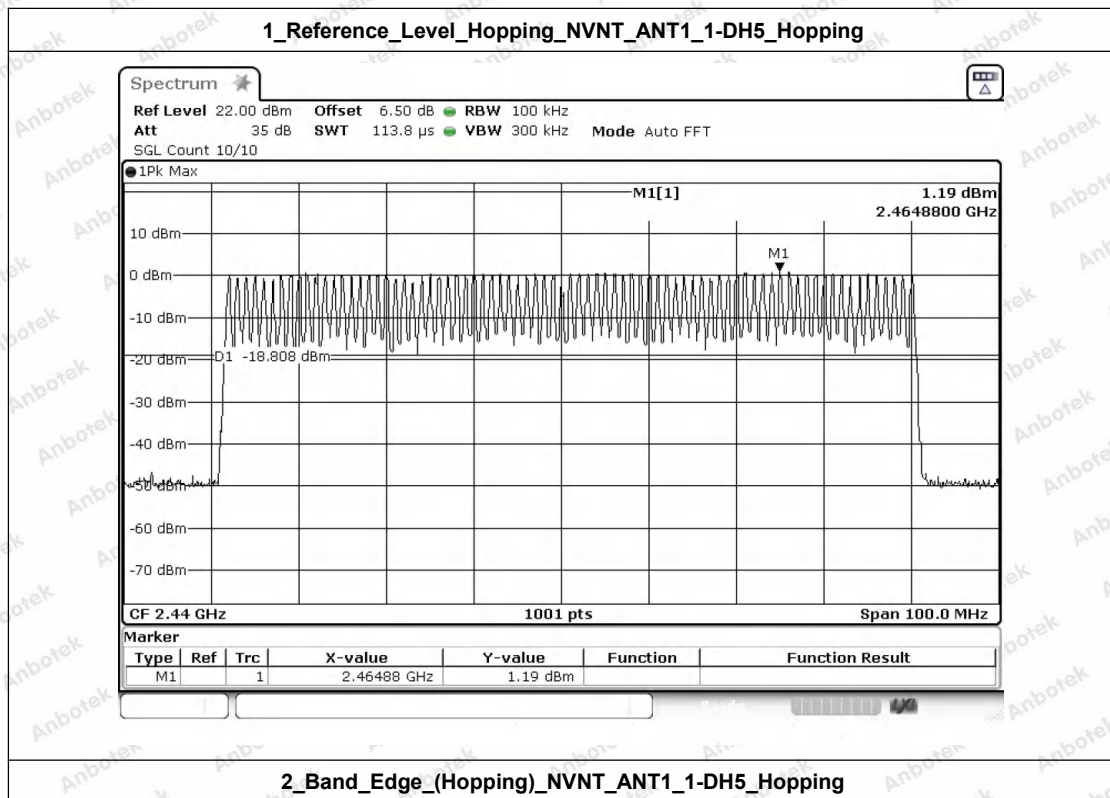


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1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

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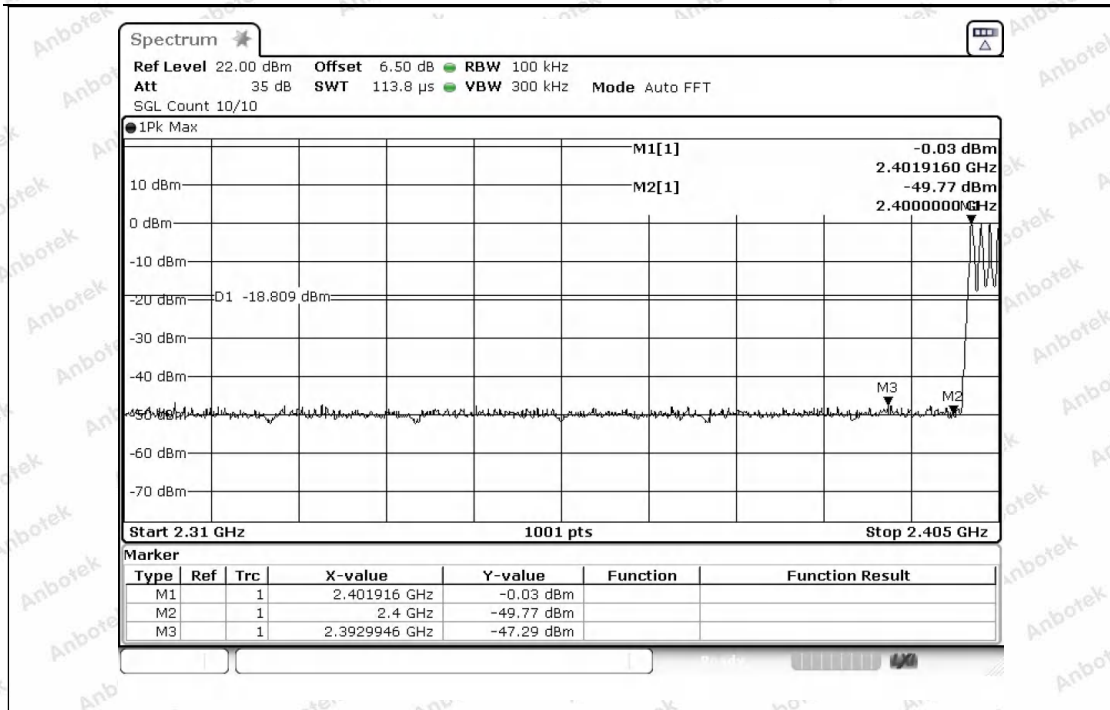
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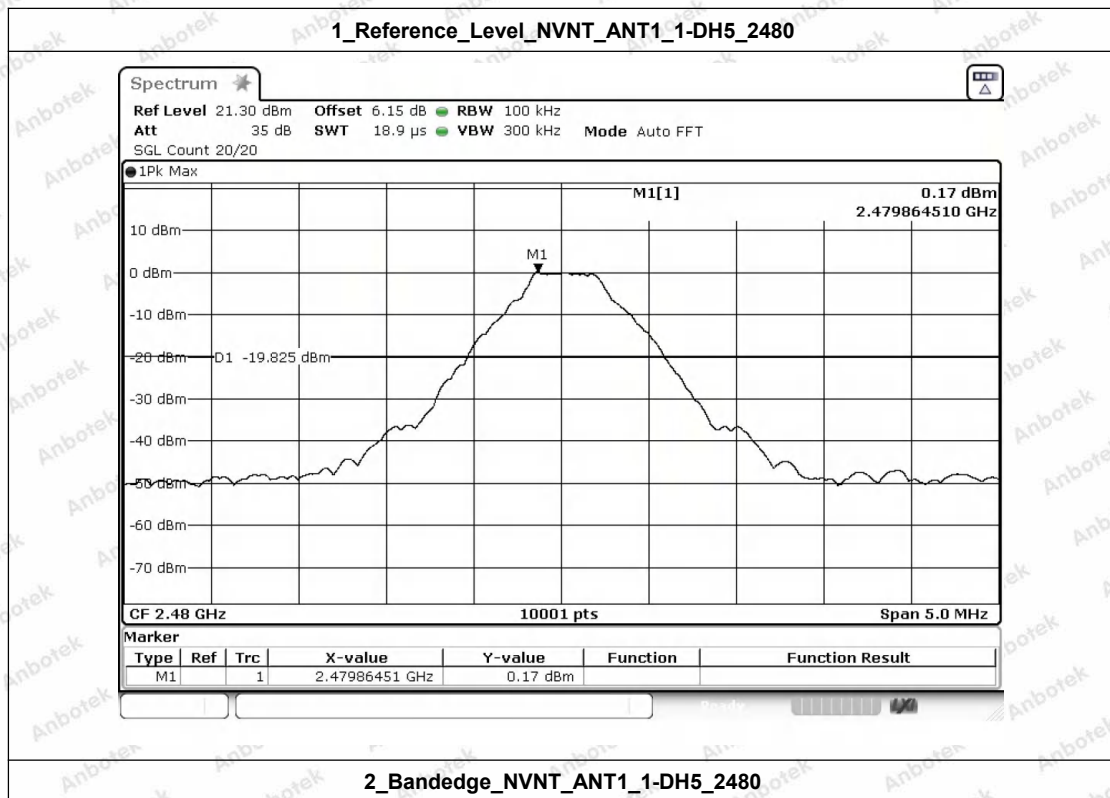
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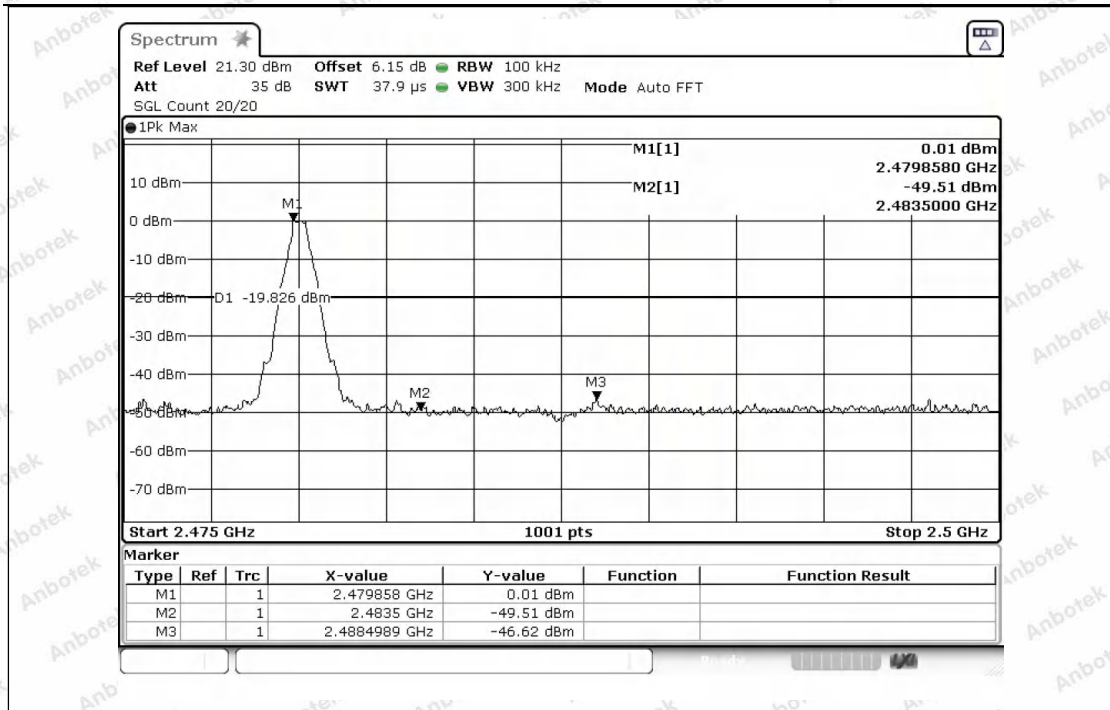


1_Reference_Level_NVNT_ANT1_1-DH5_2480

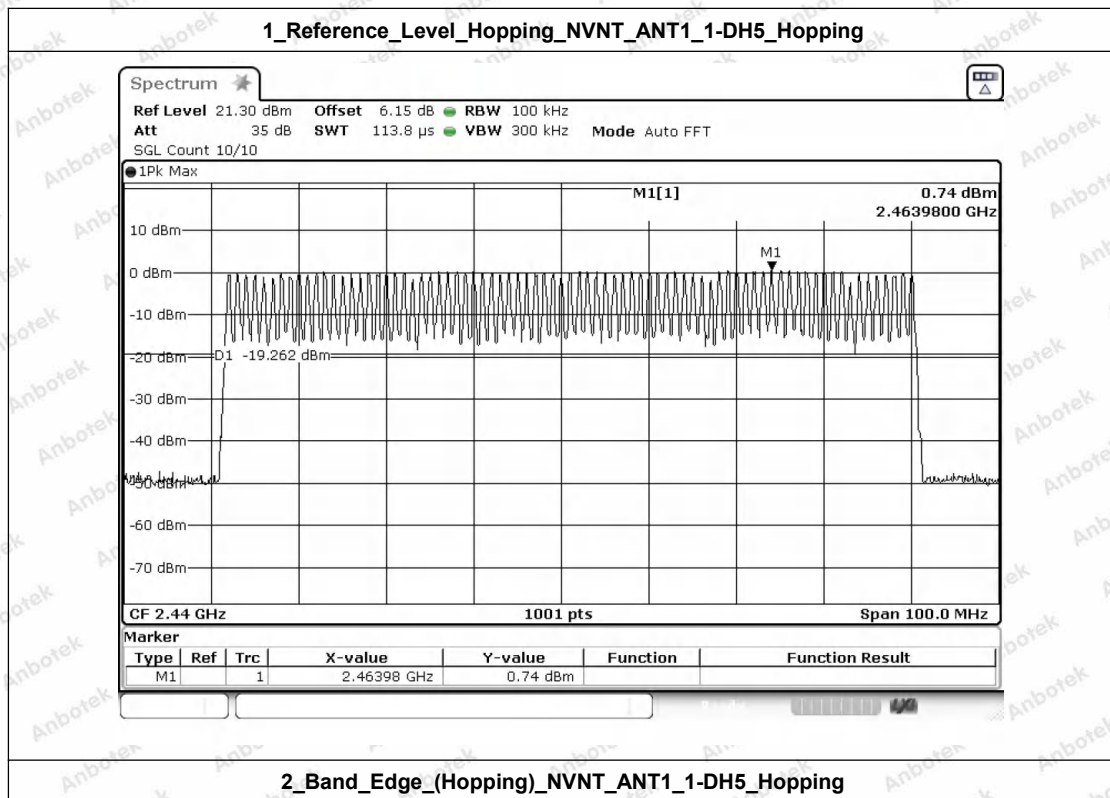


2_Bandedge_NVNT_ANT1_1-DH5_2480





1_Reference_Level_Hopping_NVNT_ANT1_1-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH5_Hopping

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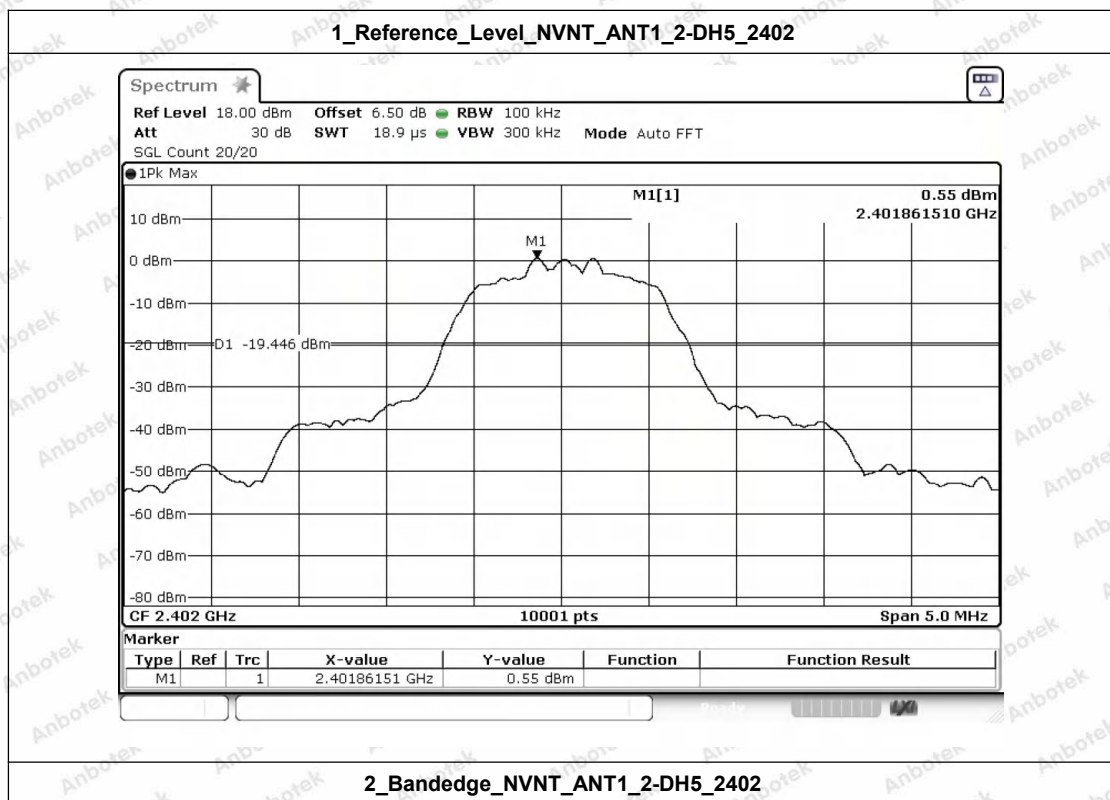
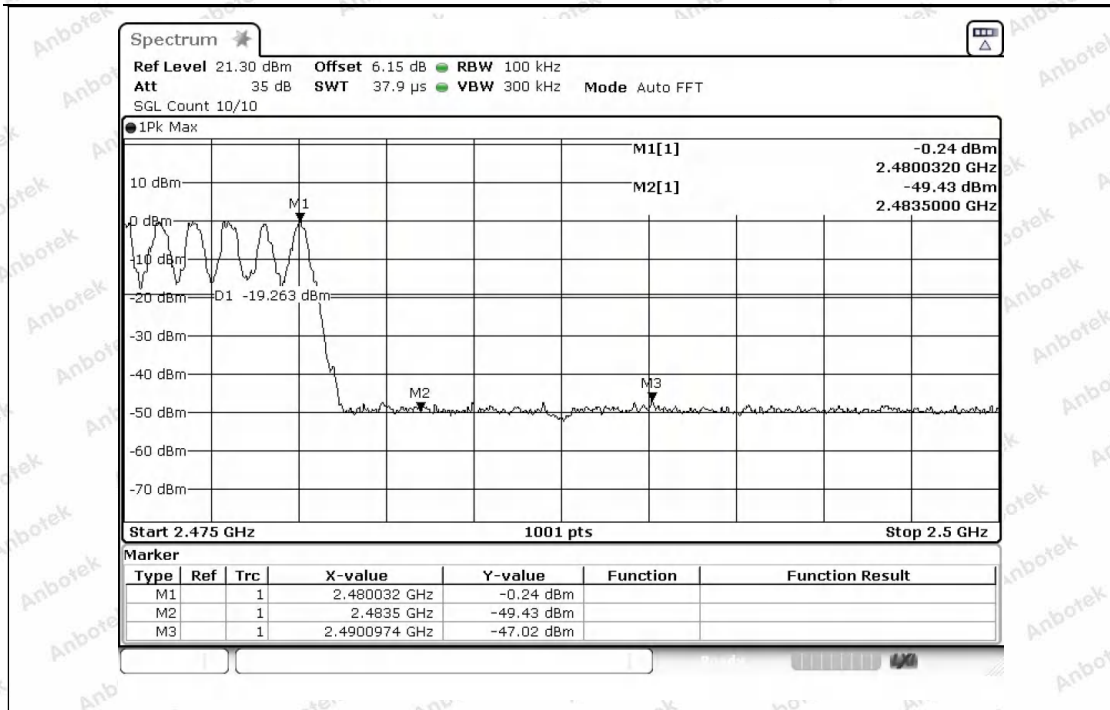
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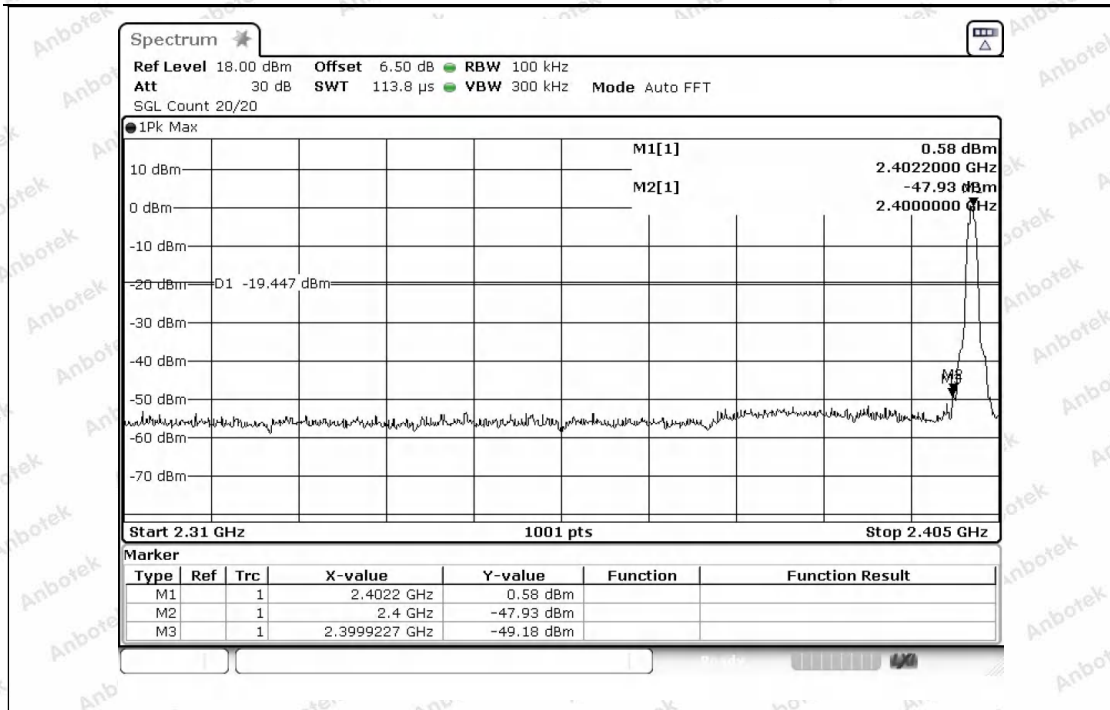
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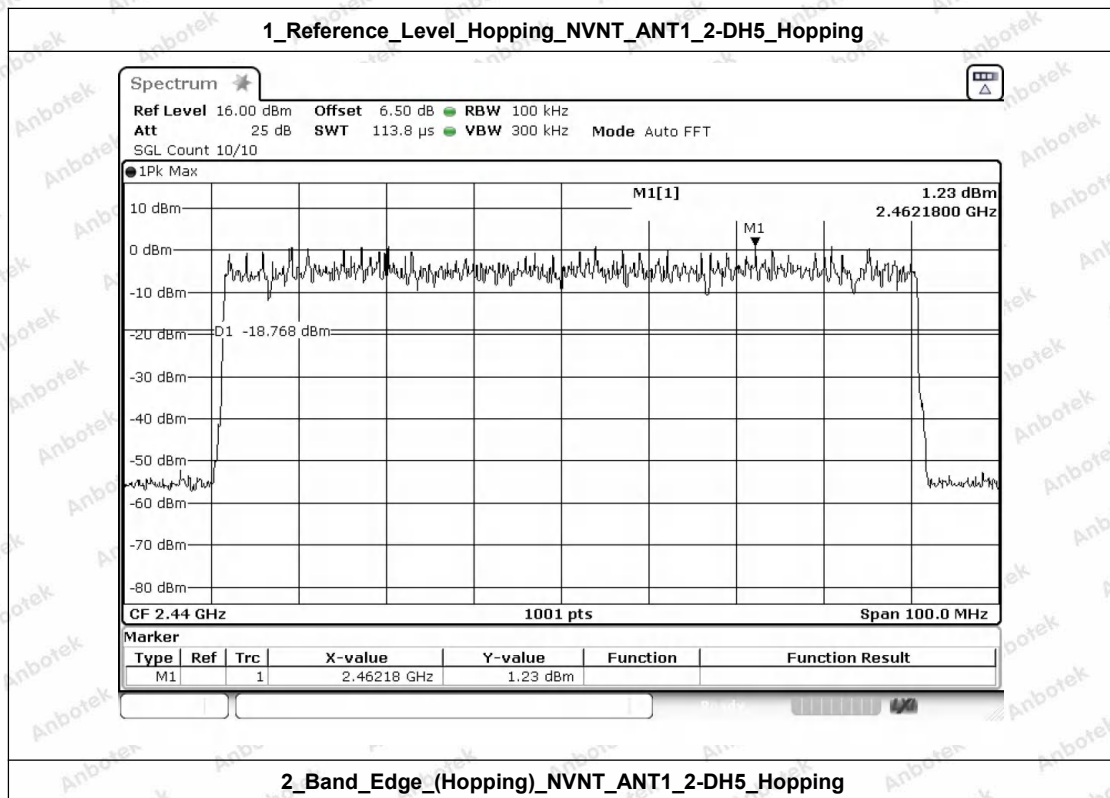


2_Bandedge_NVNT_ANT1_2-DH5_2402





1_Reference_Level_Hopping_NVNT_ANT1_2-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping

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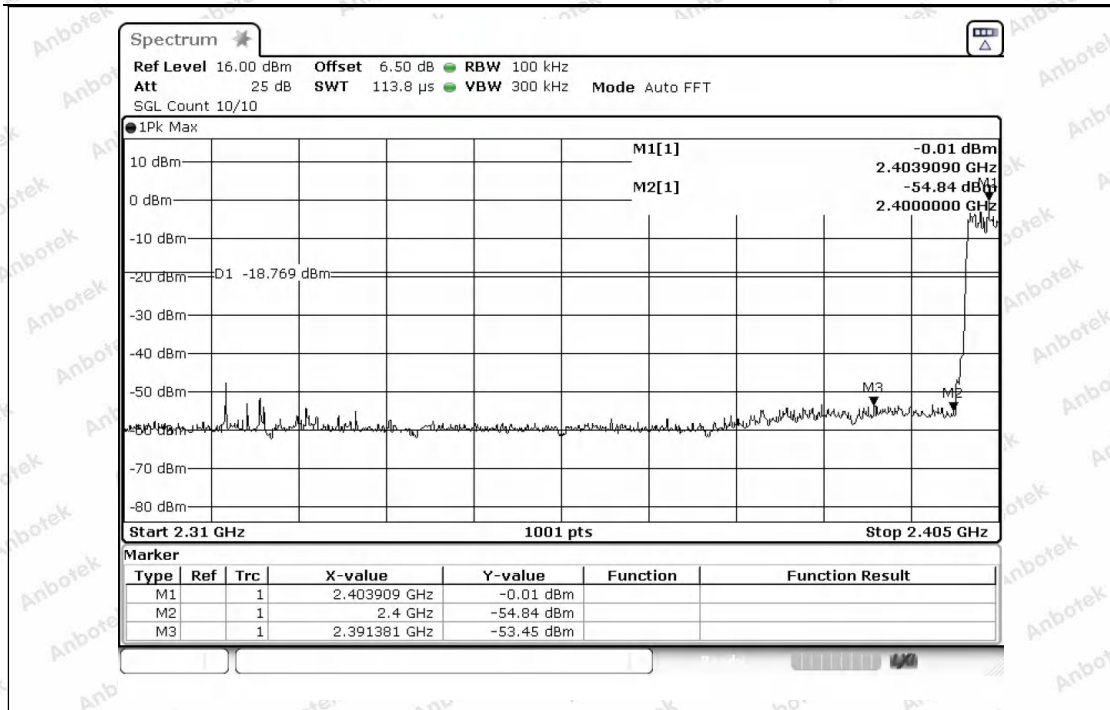
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



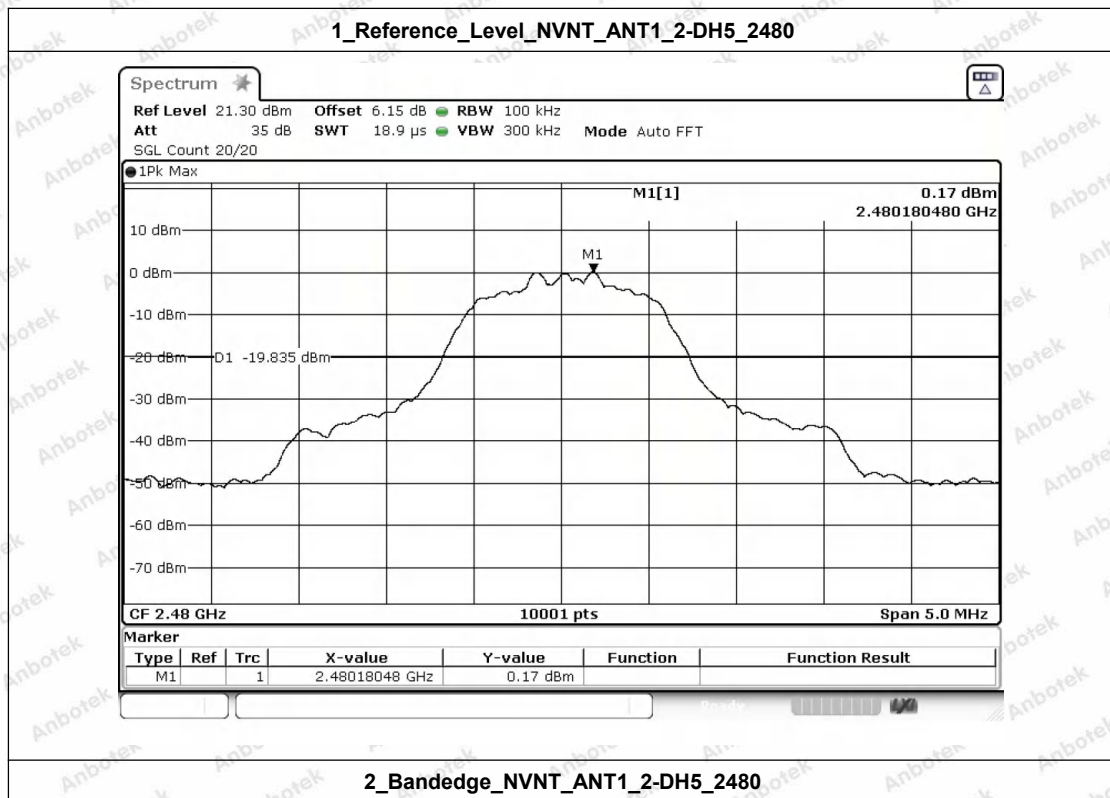
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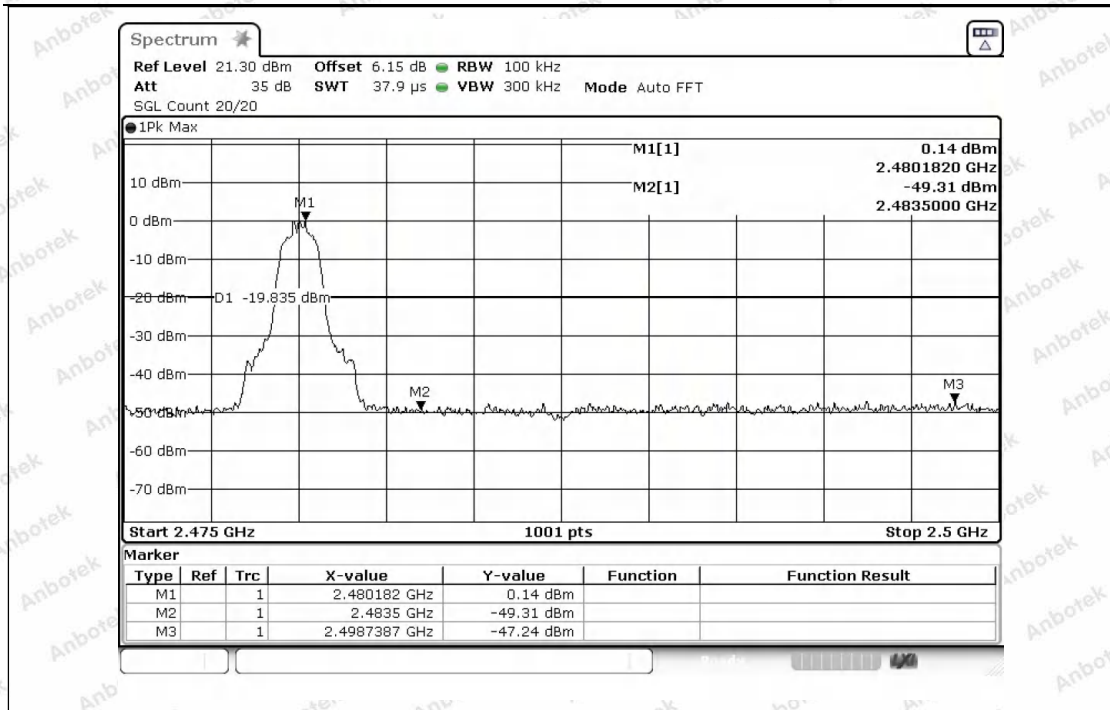


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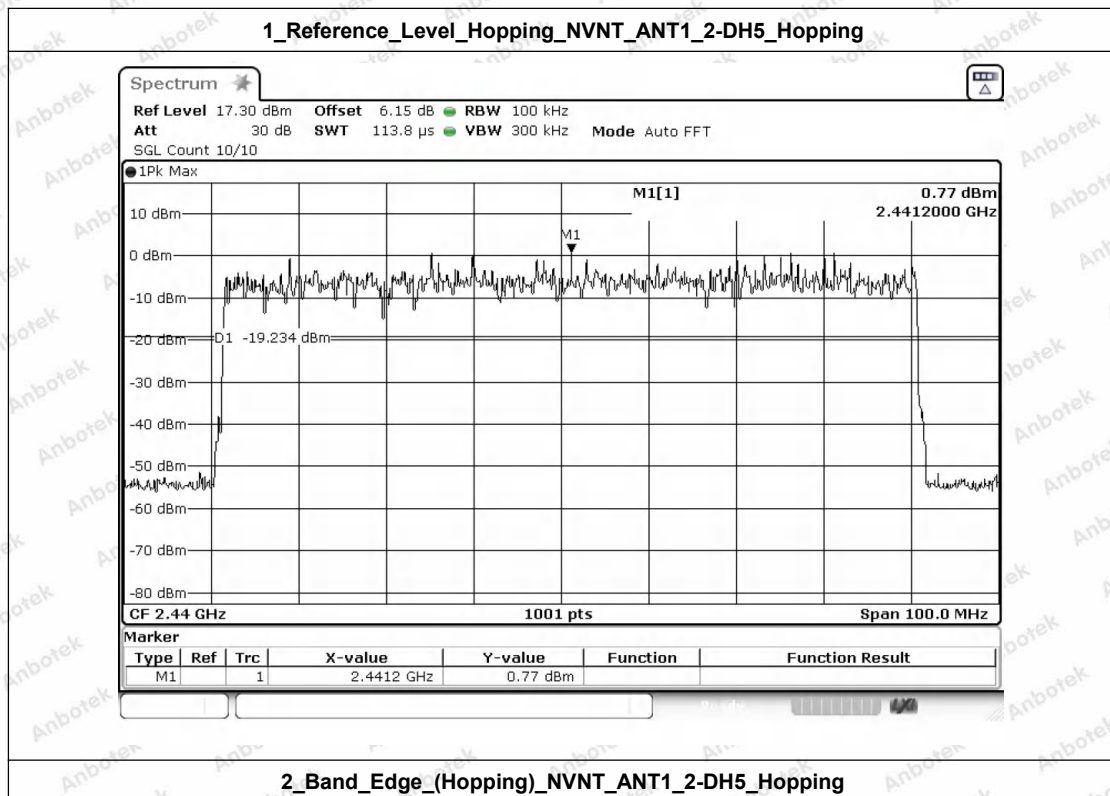


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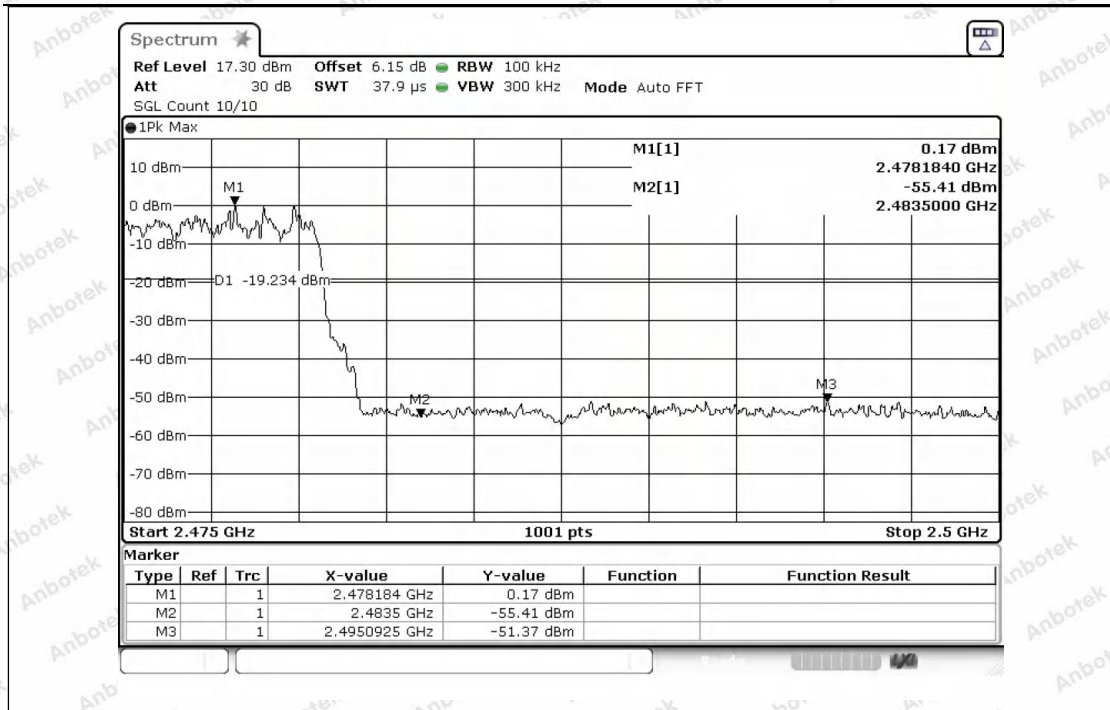


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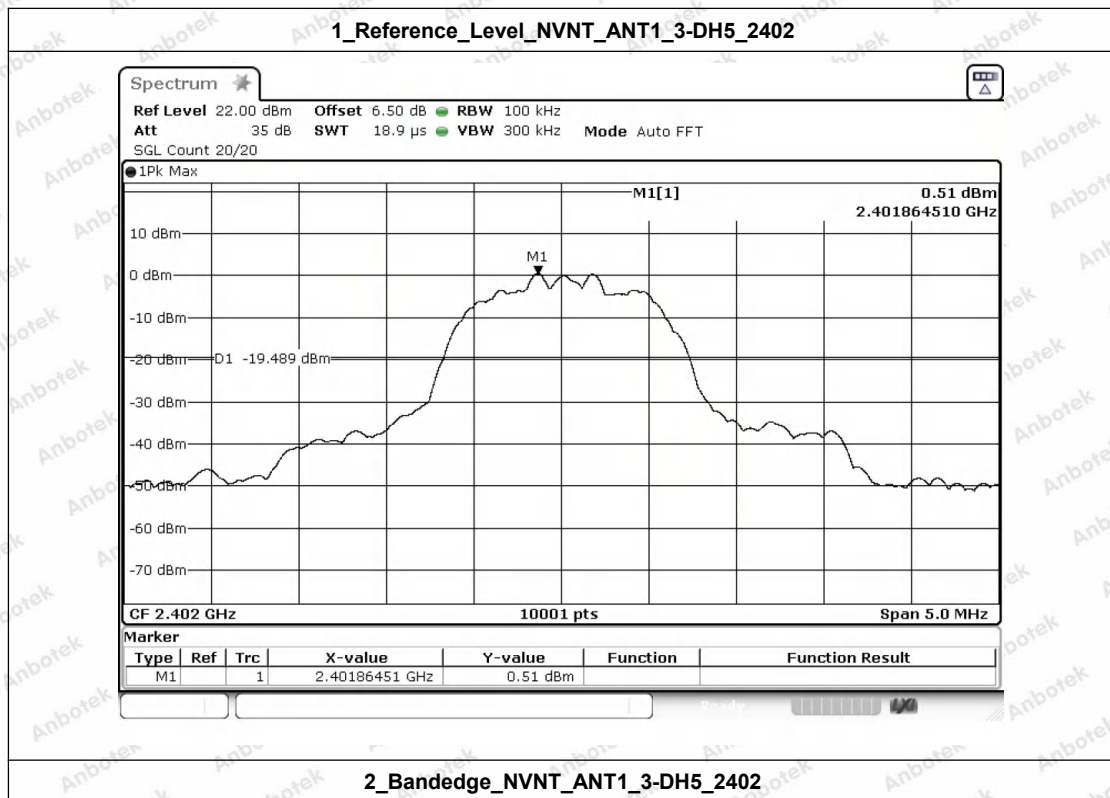


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH5_Hopping





1_Reference_Level_NVNT_ANT1_3-DH5_2402



2_Bandedge_NVNT_ANT1_3-DH5_2402

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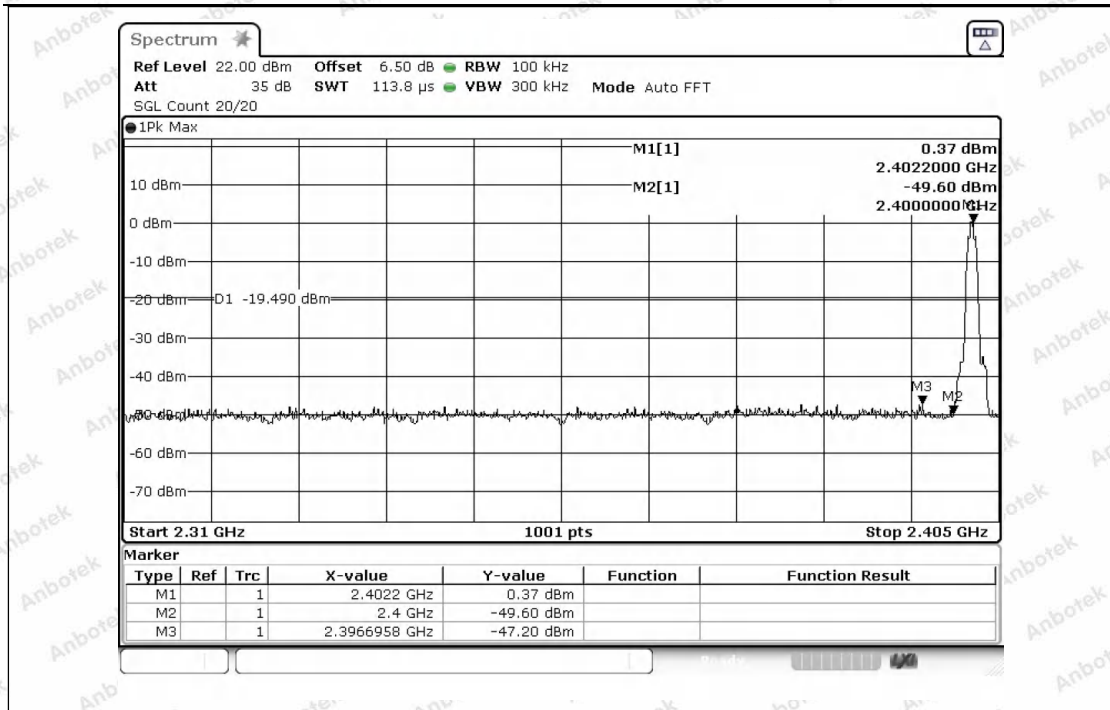
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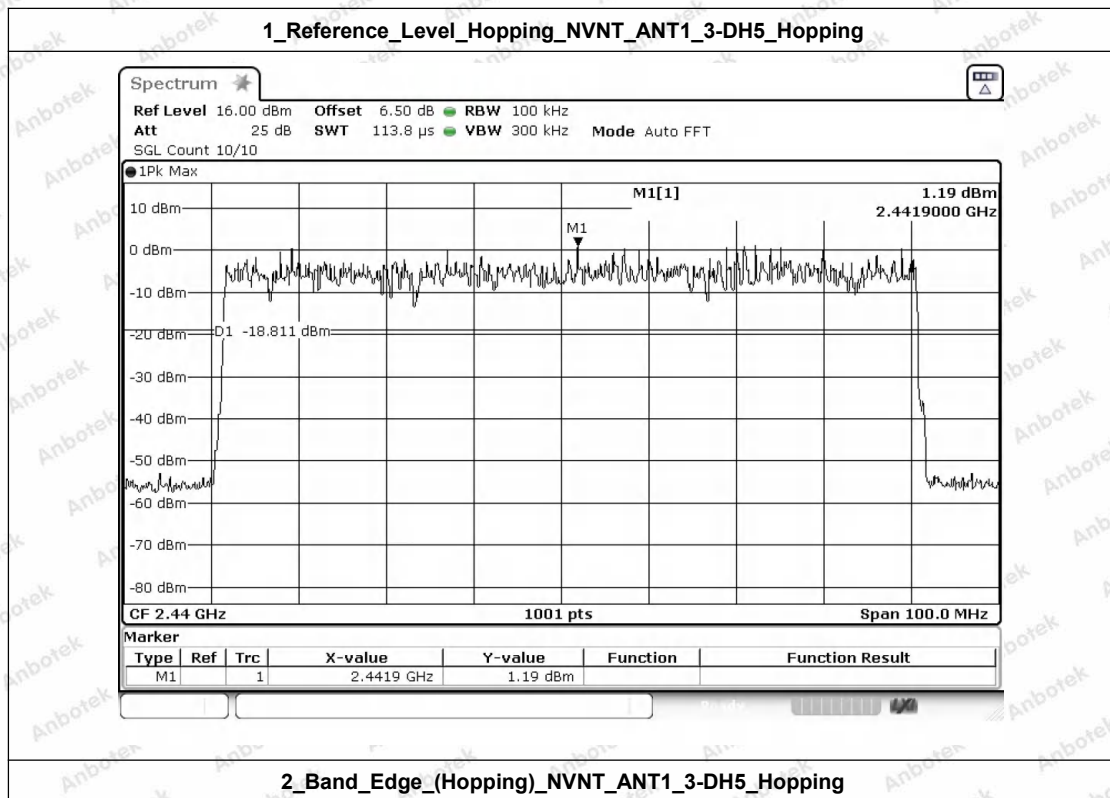
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1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

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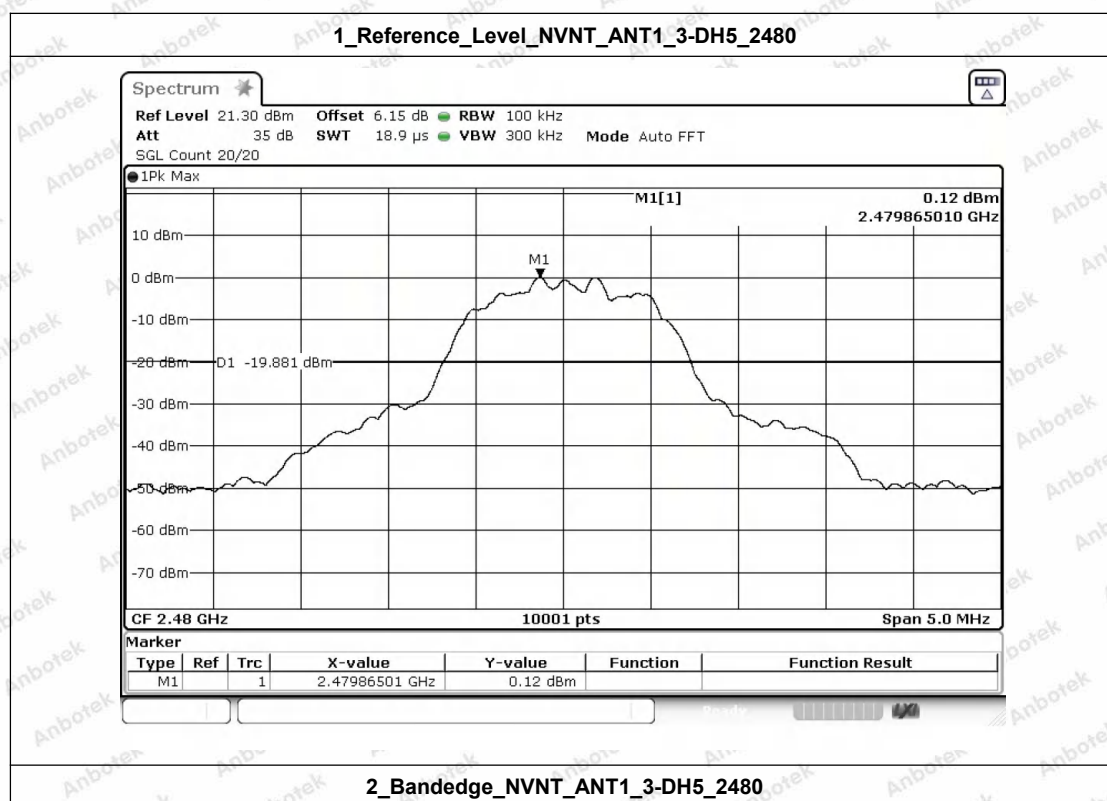
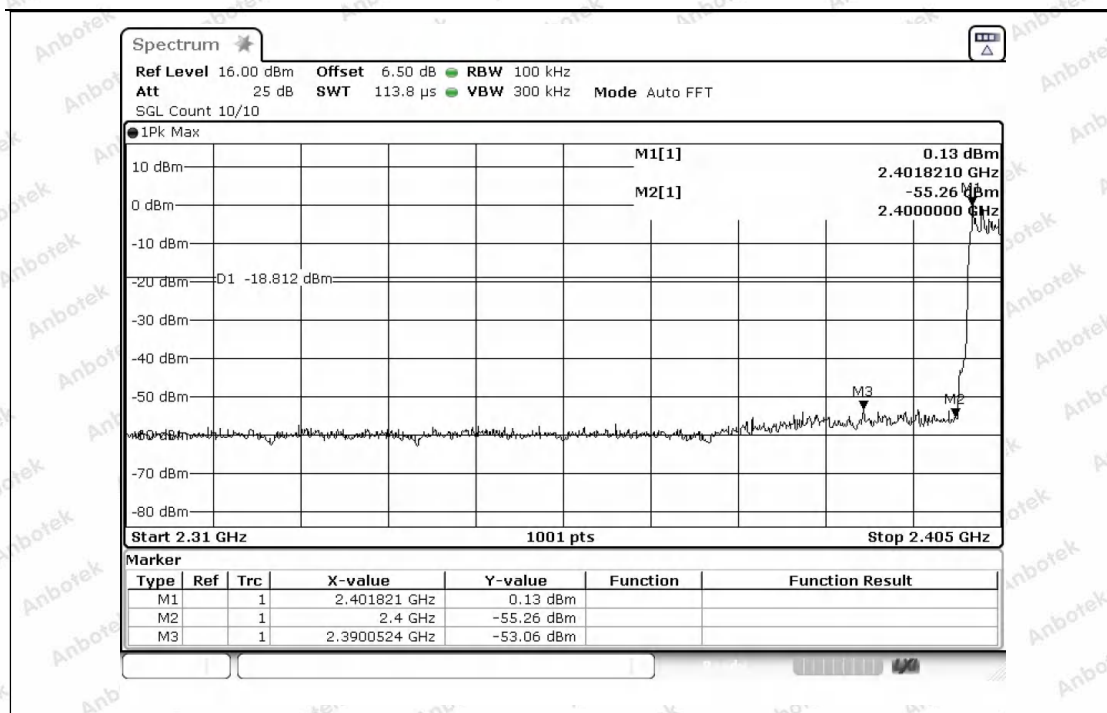
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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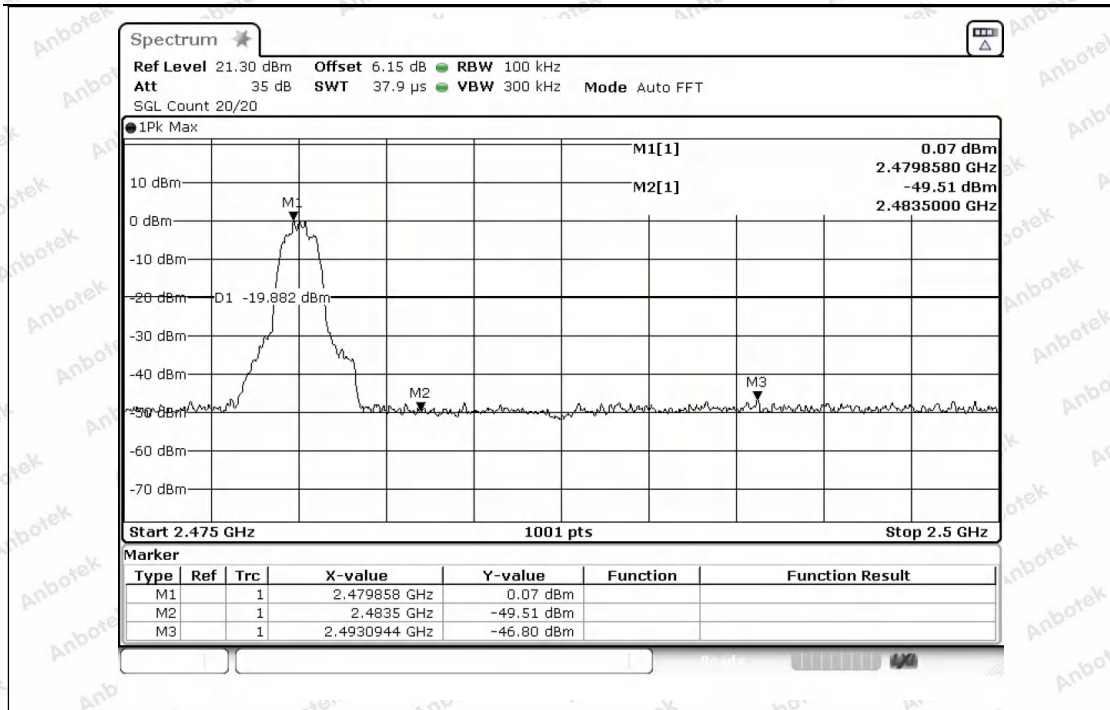
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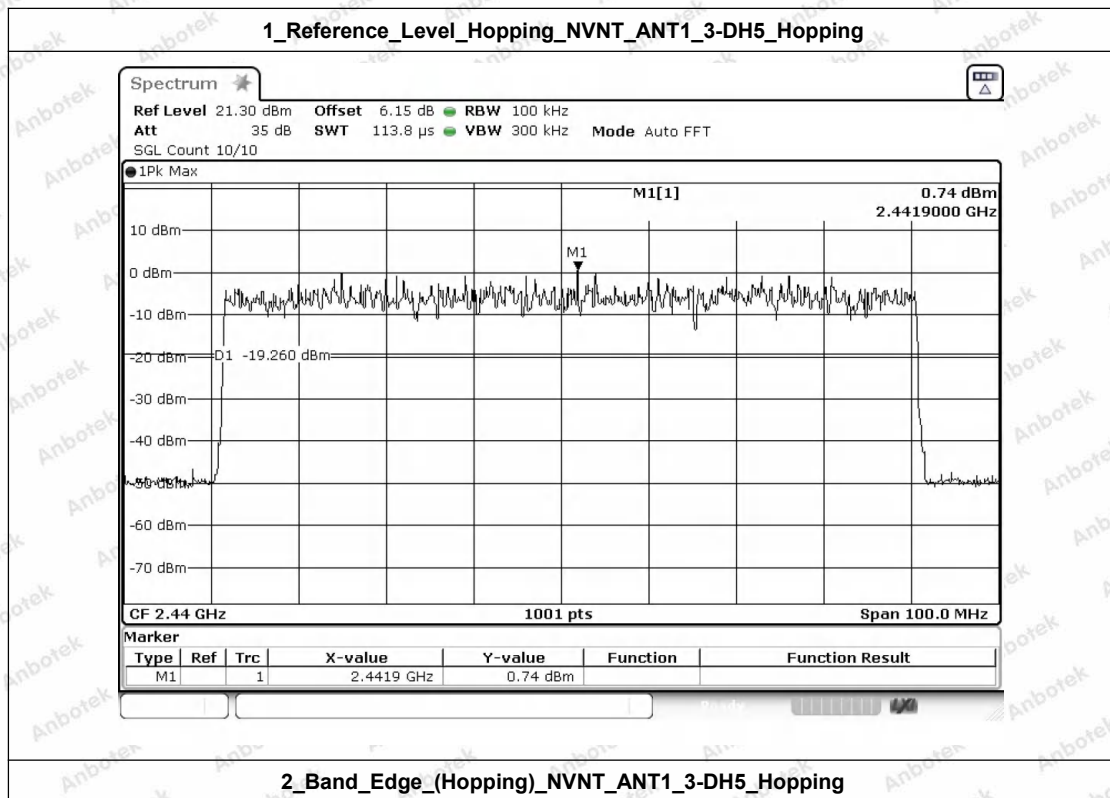


2_Bandedge_NVNT_ANT1_3-DH5_2480





1_Reference_Level_Hopping_NVNT_ANT1_3-DH5_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH5_Hopping

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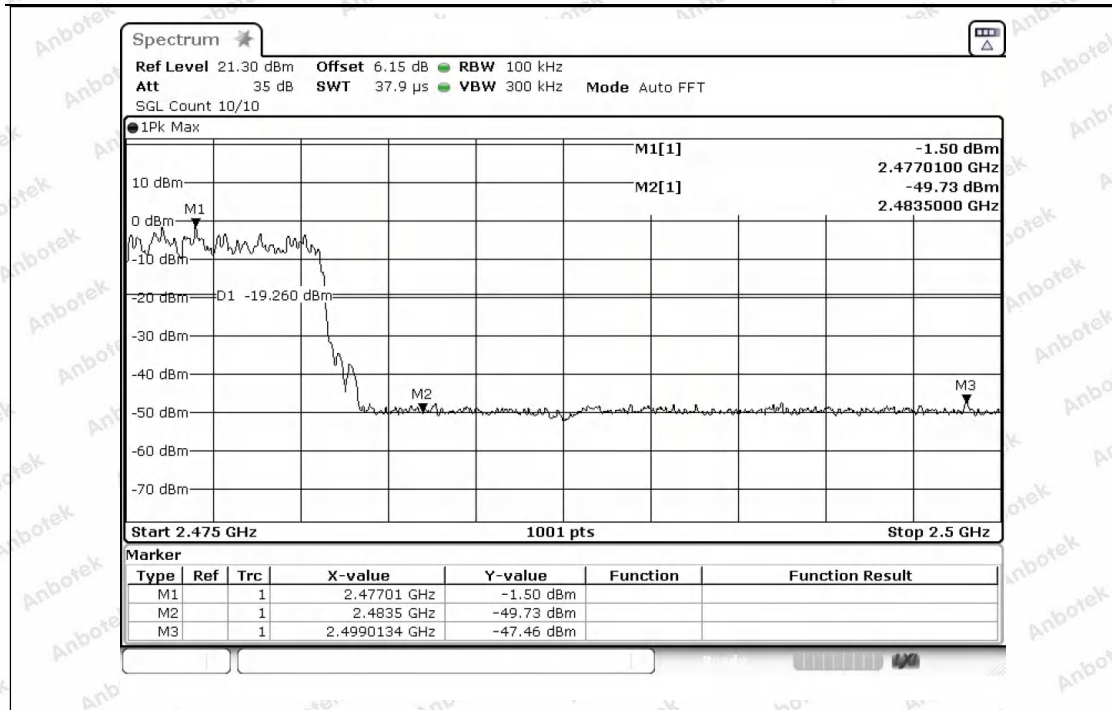
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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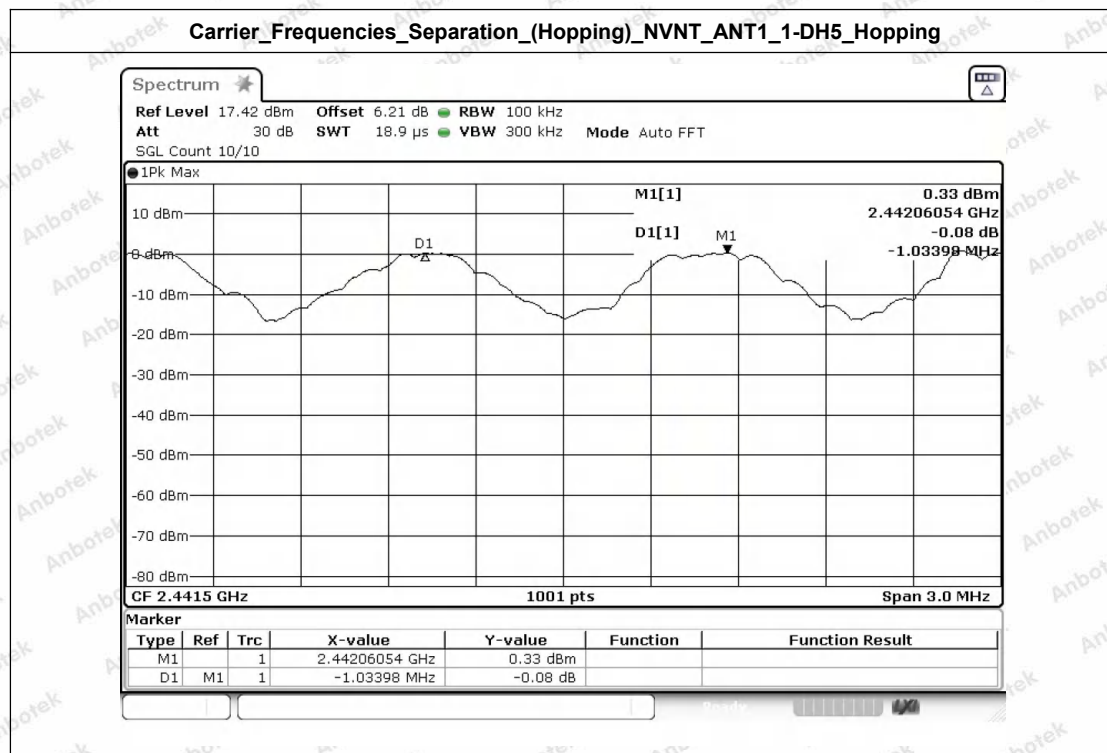


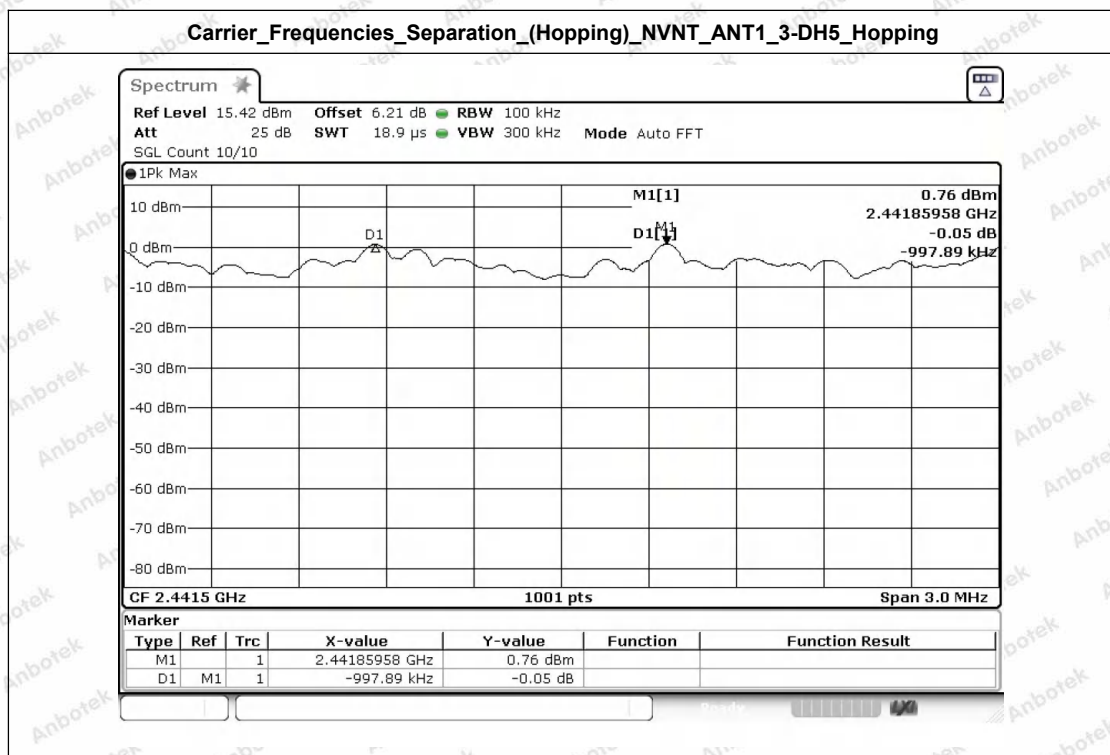
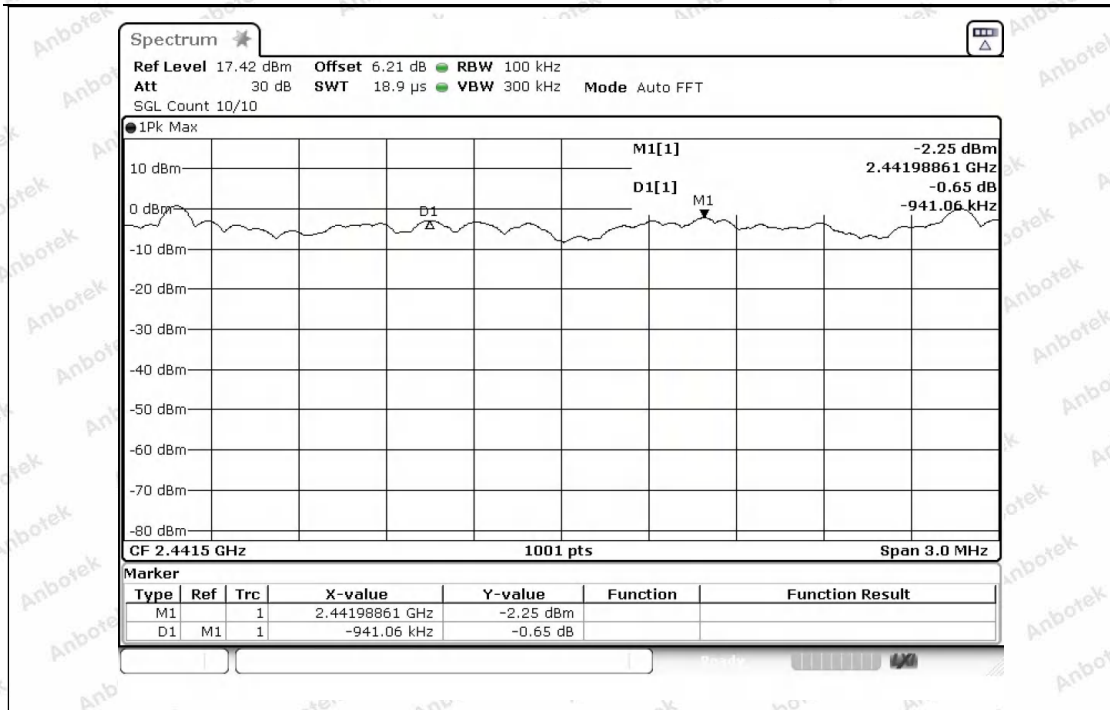
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Appendix F: Carrier Frequencies Separation (Hopping)

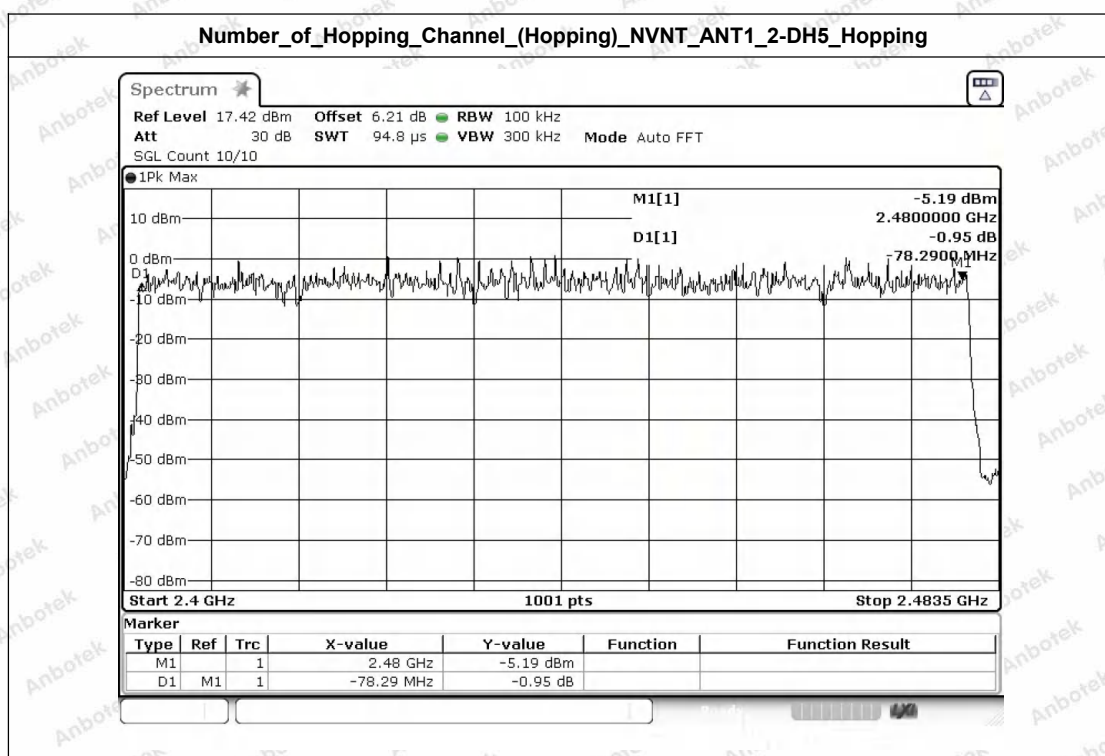
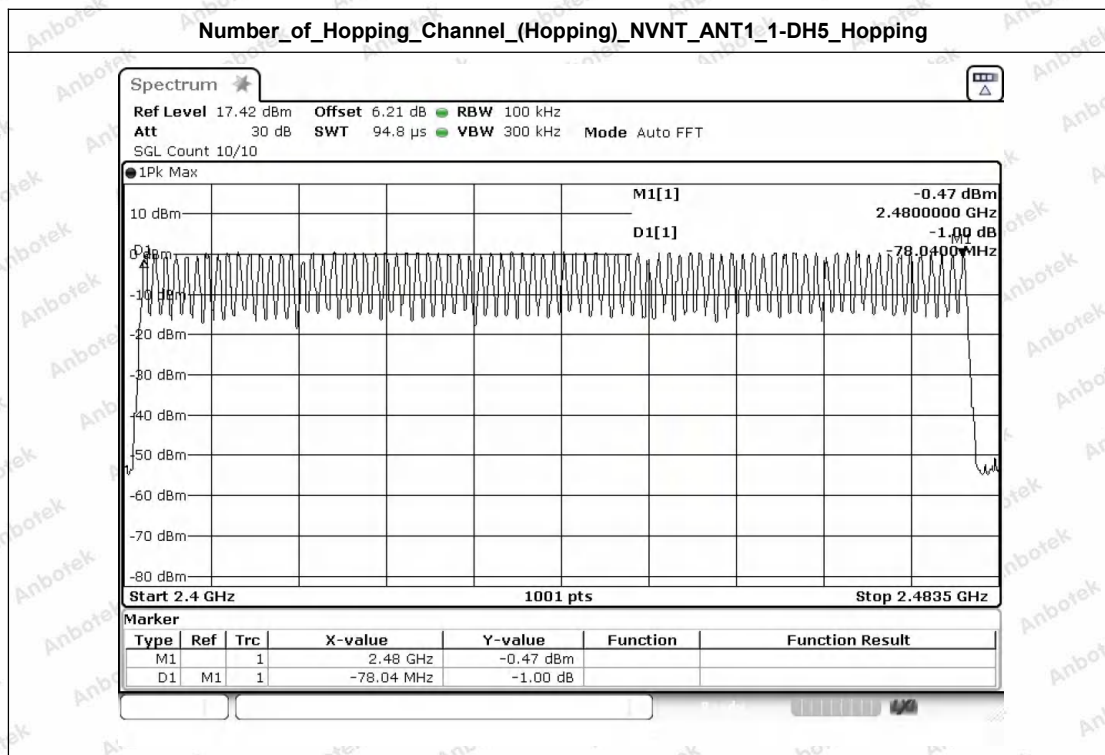
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2441.027	2442.061	1.03	0.685	Fail
NVNT	ANT1	2-DH5	2441.00	2441.048	2441.989	0.94	0.885	Pass
NVNT	ANT1	3-DH5	2441.00	2440.862	2441.860	1.00	0.859	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

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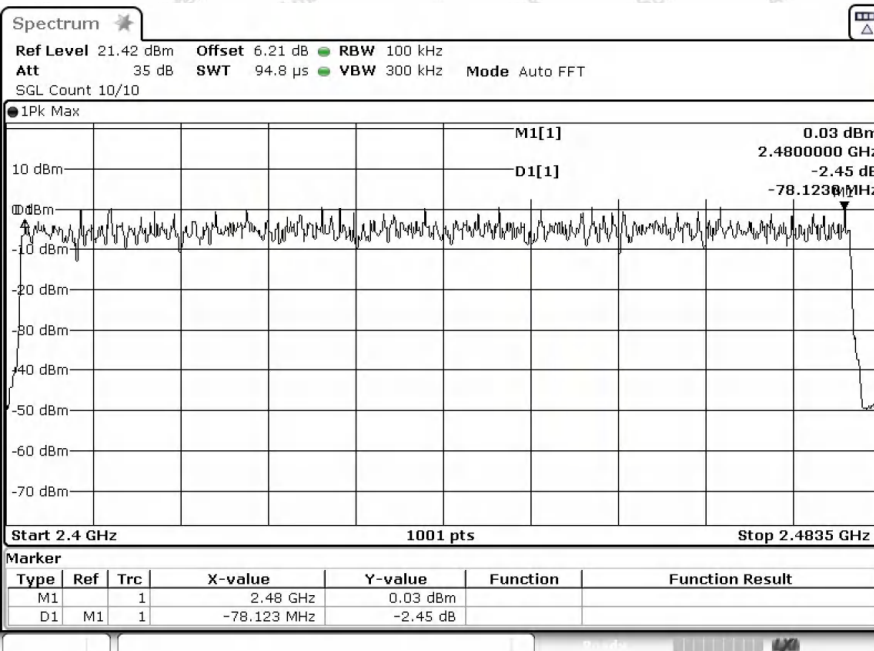


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Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH5_Hopping



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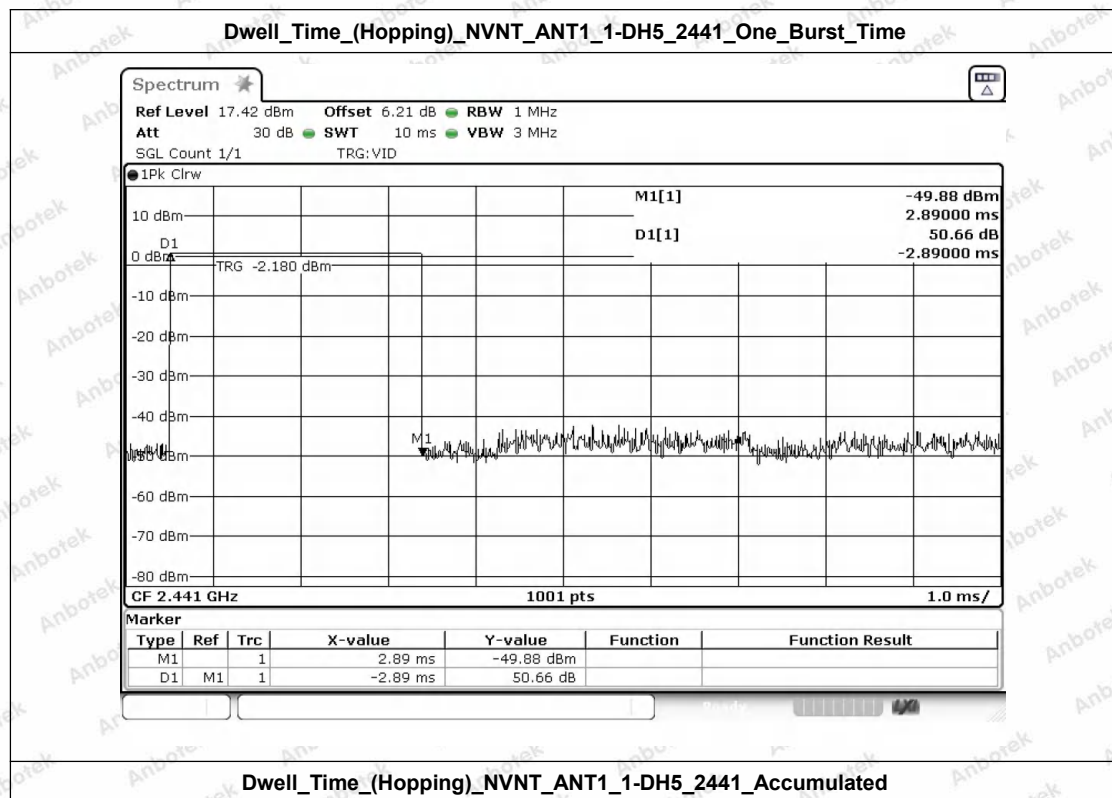
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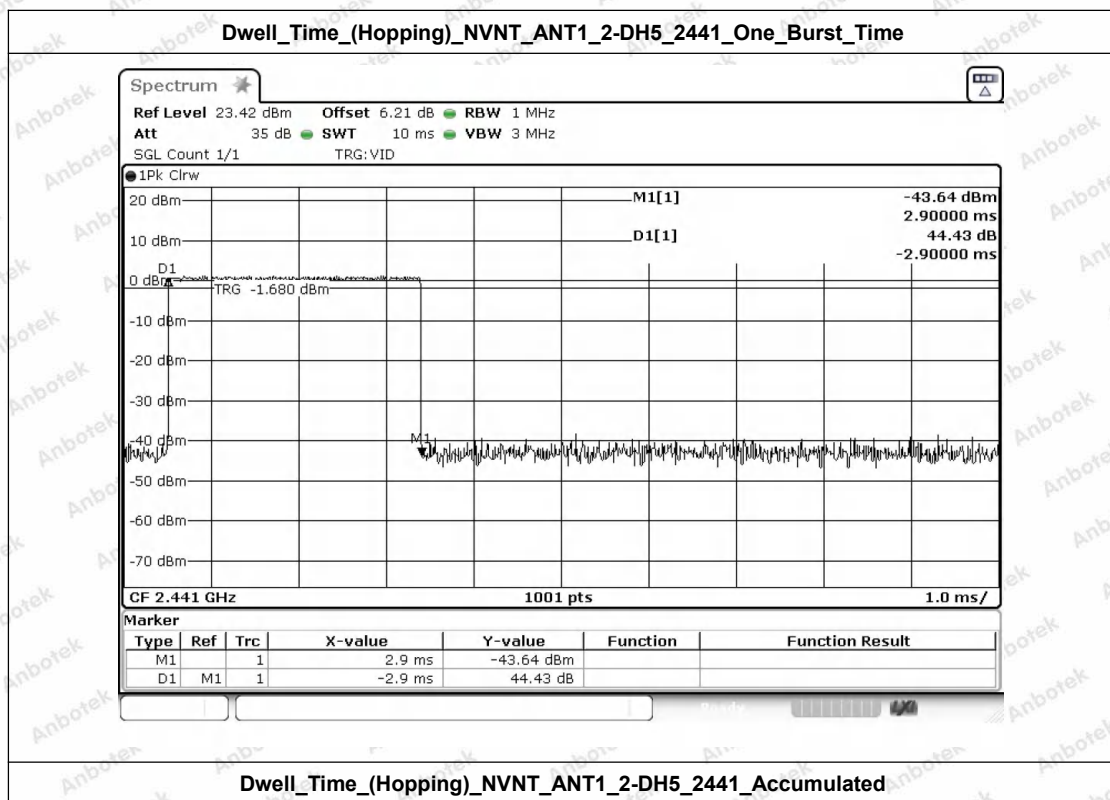
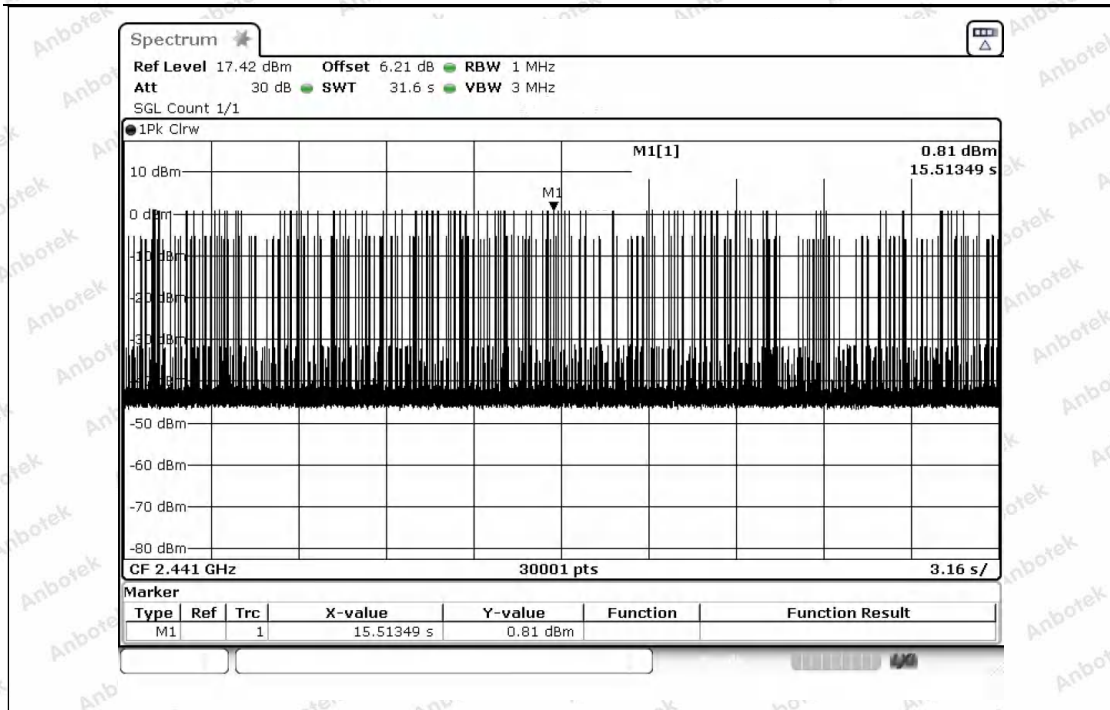
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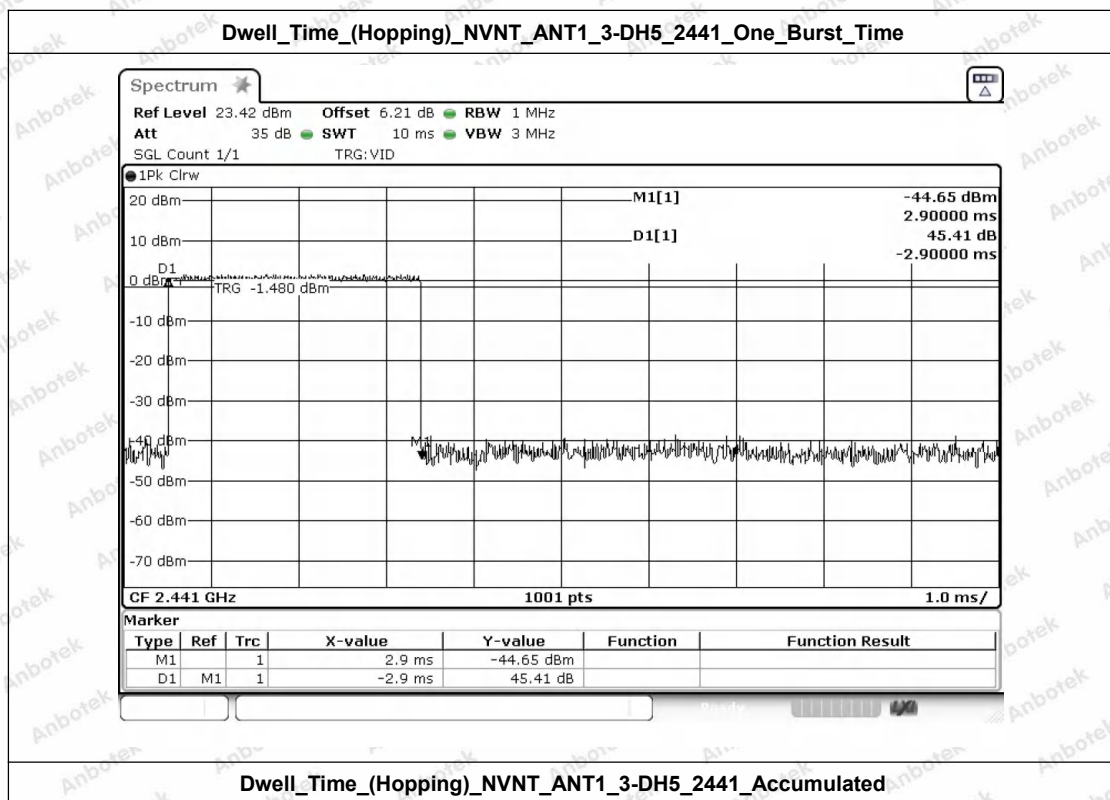
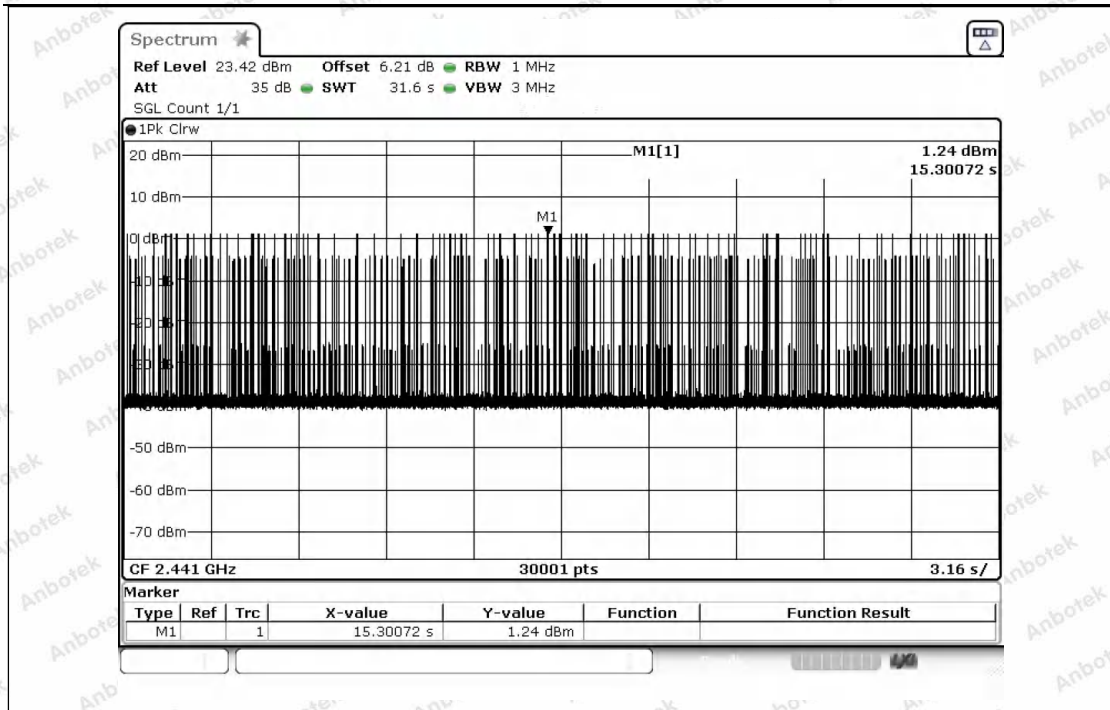


Appendix H: Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.890	103.00	297.670	0.40	Pass
NVNT	ANT1	2-DH5	2.900	114.00	330.600	0.40	Pass
NVNT	ANT1	3-DH5	2.900	111.00	321.900	0.40	Pass
NVNT	ANT1	1-DH1	0.380	319.00	121.220	0.40	Pass
NVNT	ANT1	1-DH3	1.640	160.00	262.400	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH3	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	3-DH1	0.390	320.00	124.800	0.40	Pass
NVNT	ANT1	3-DH3	1.650	160.00	264.000	0.40	Pass

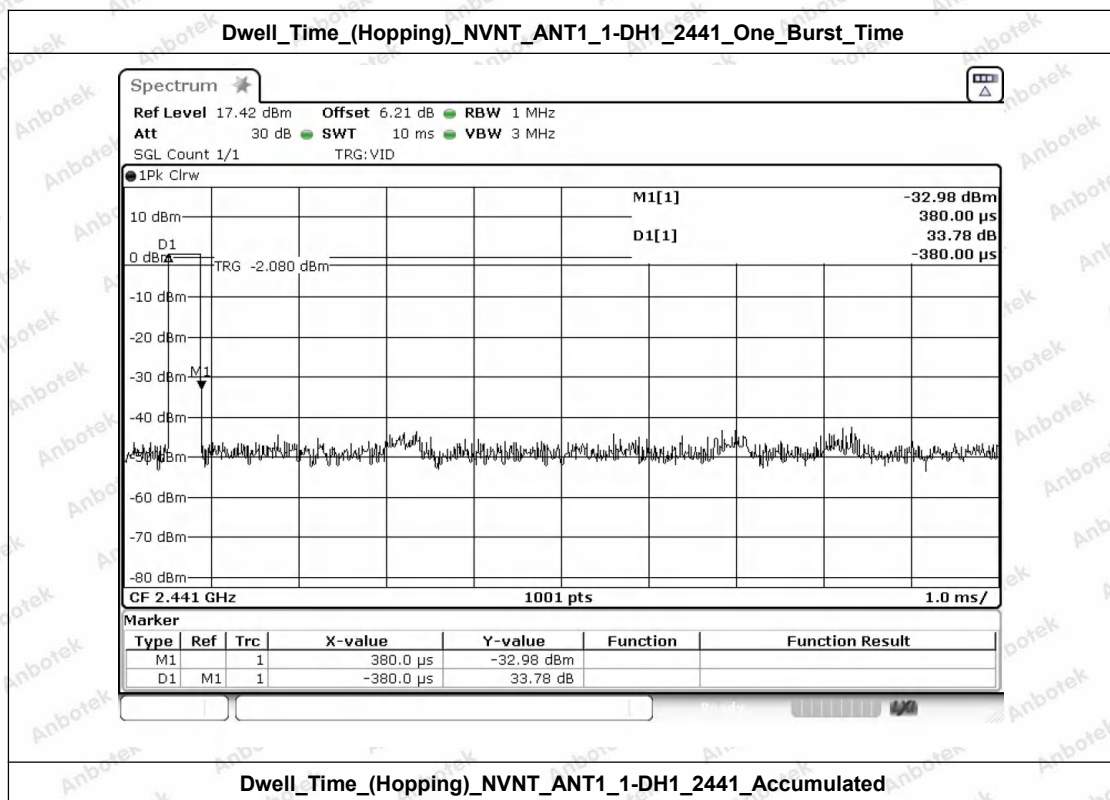
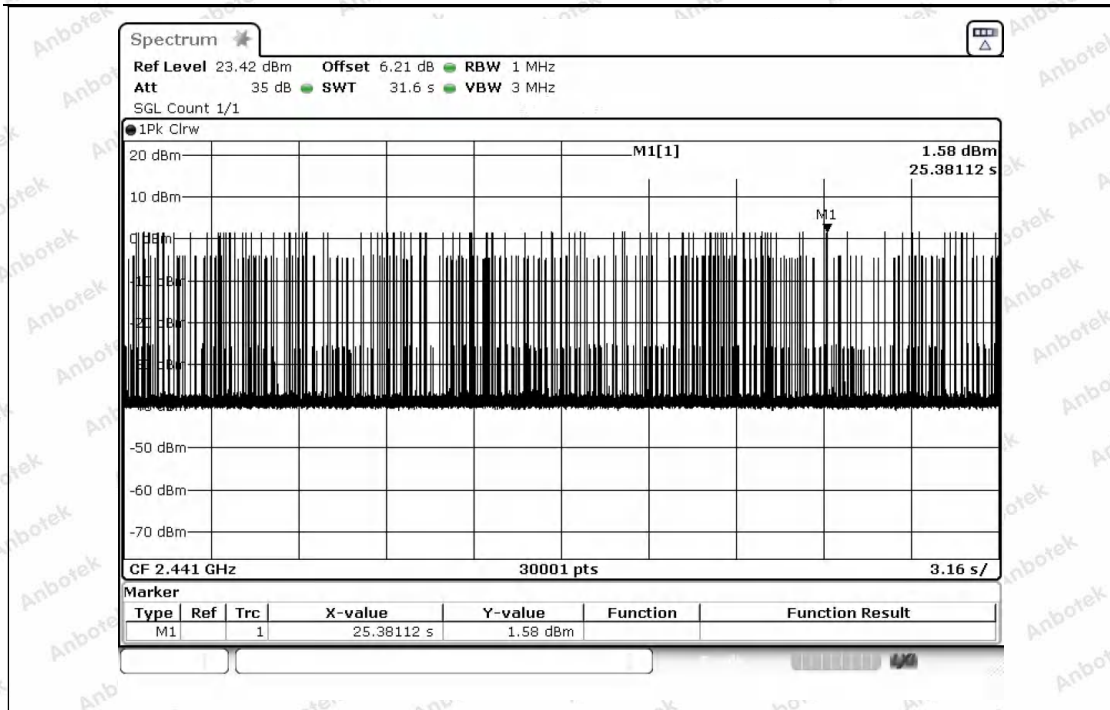






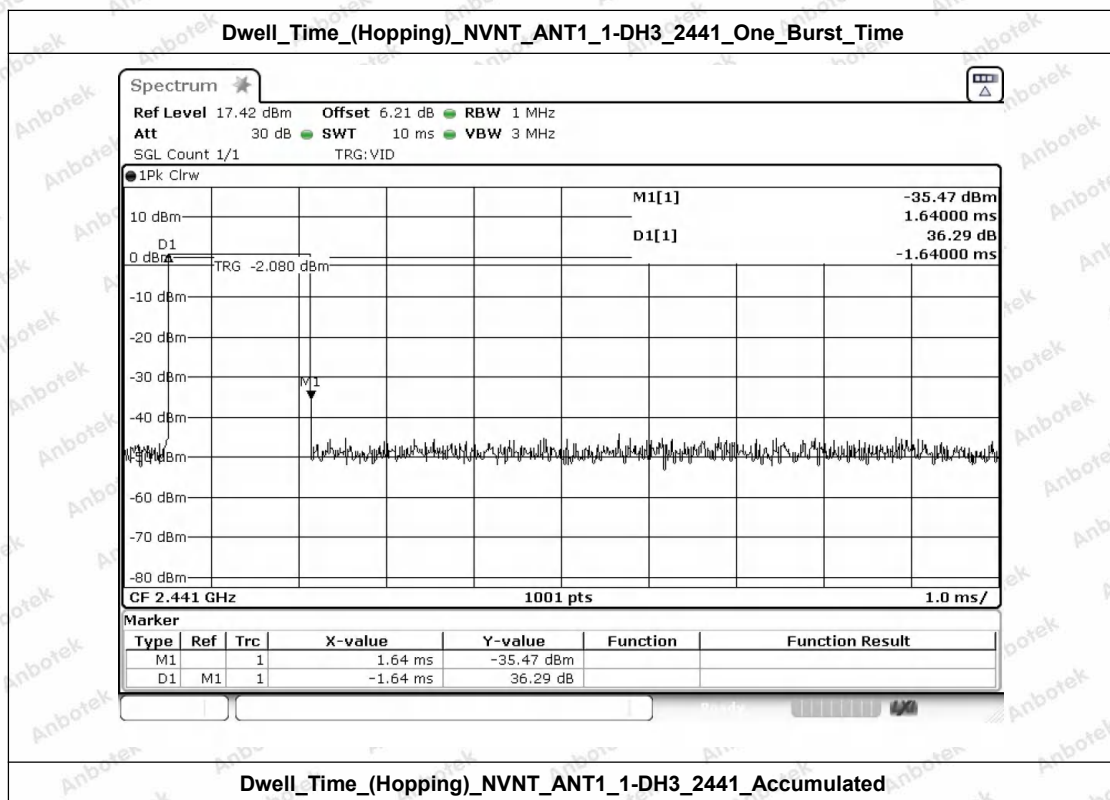
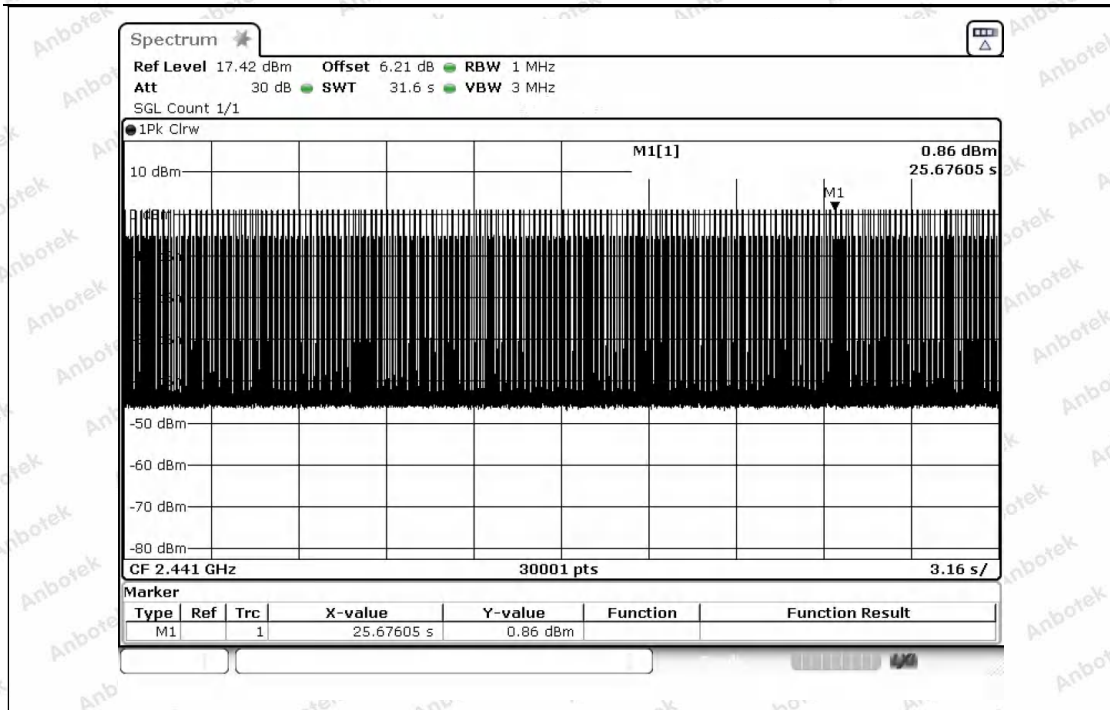
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_Accumulated





Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_Accumulated





Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_Accumulated

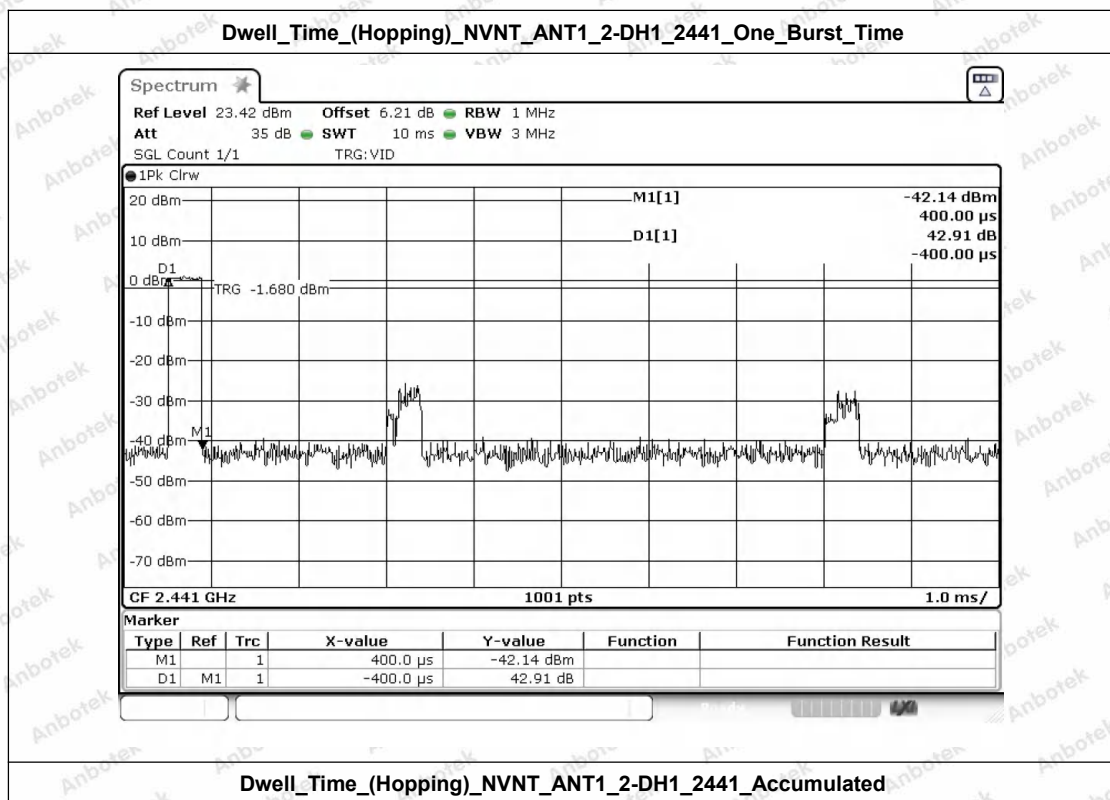
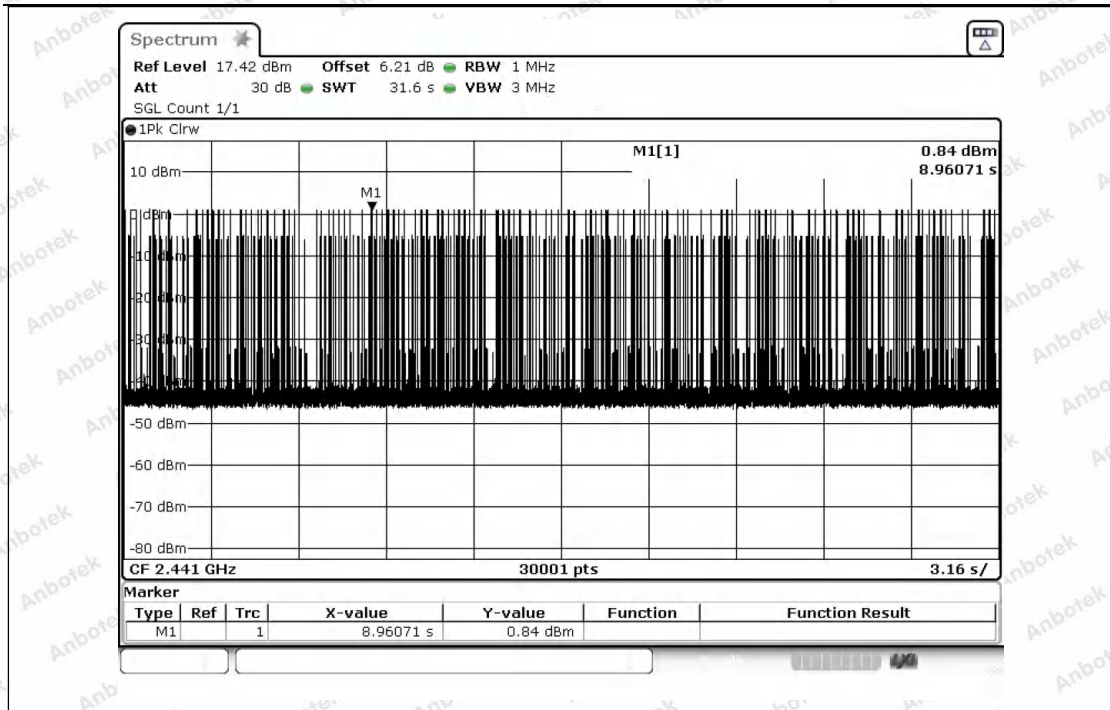
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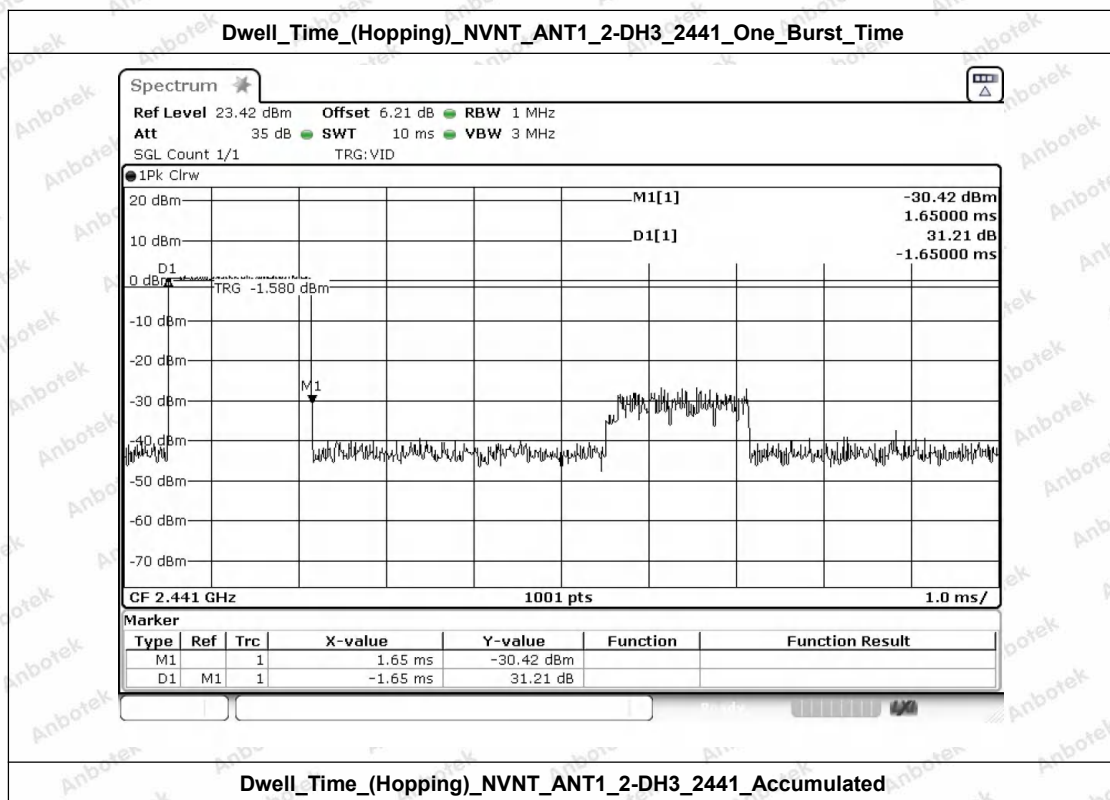
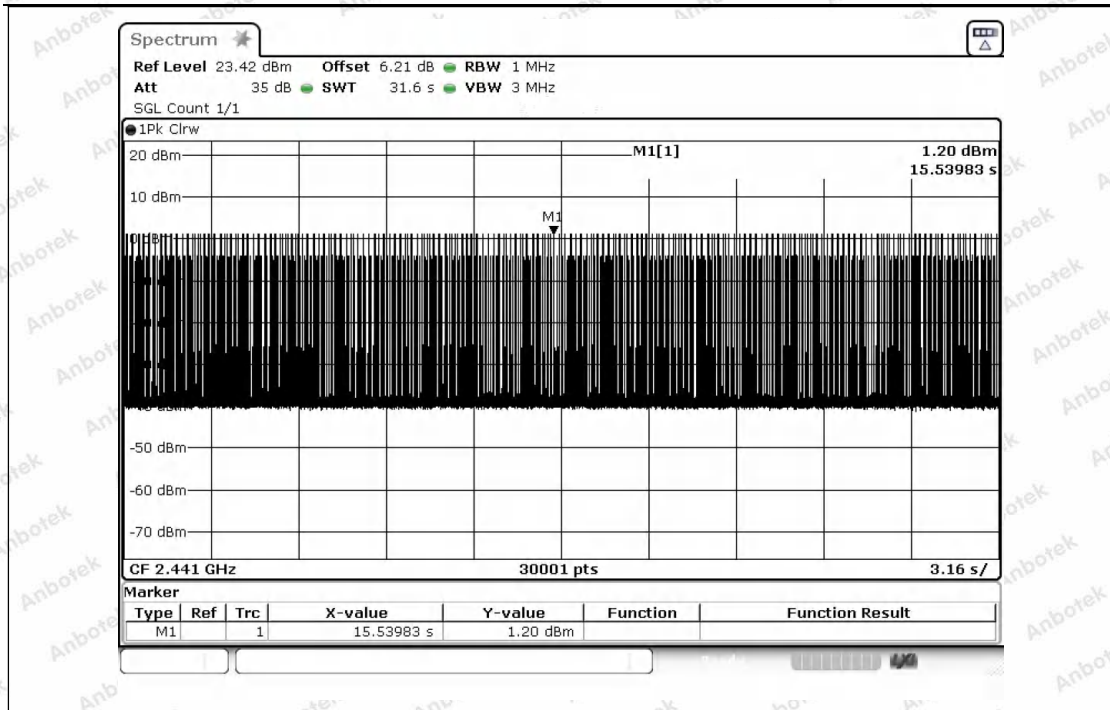
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Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_Accumulated

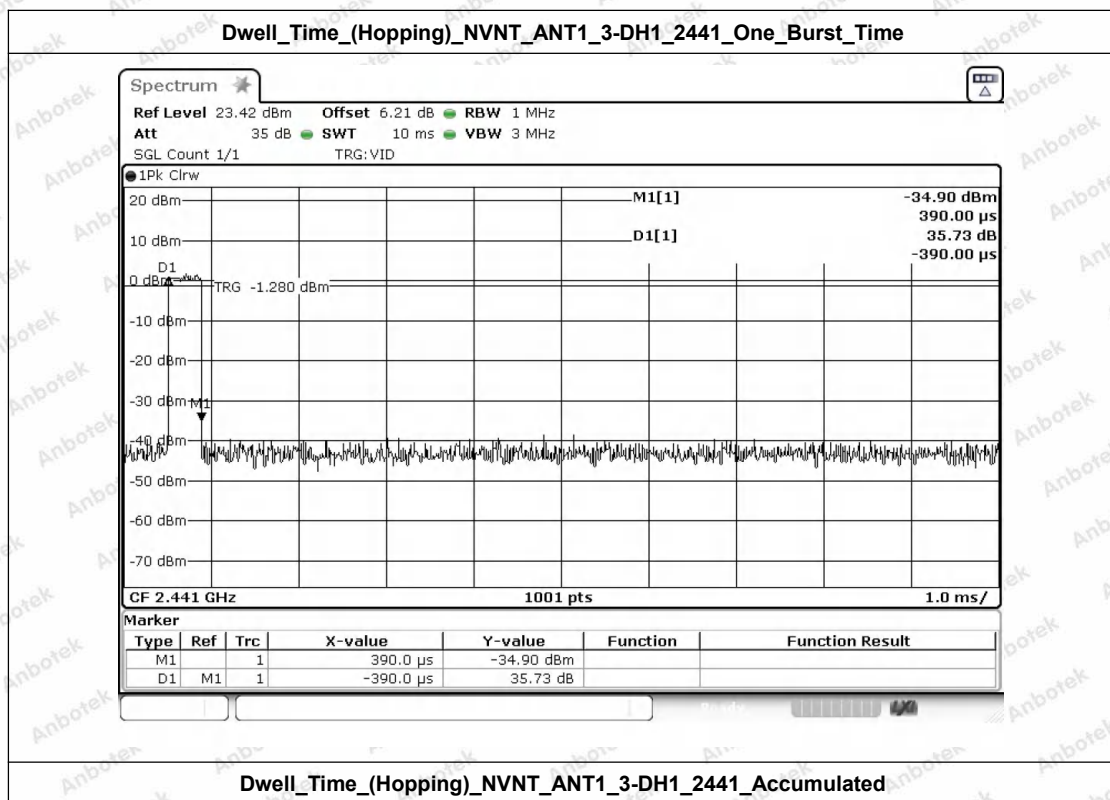
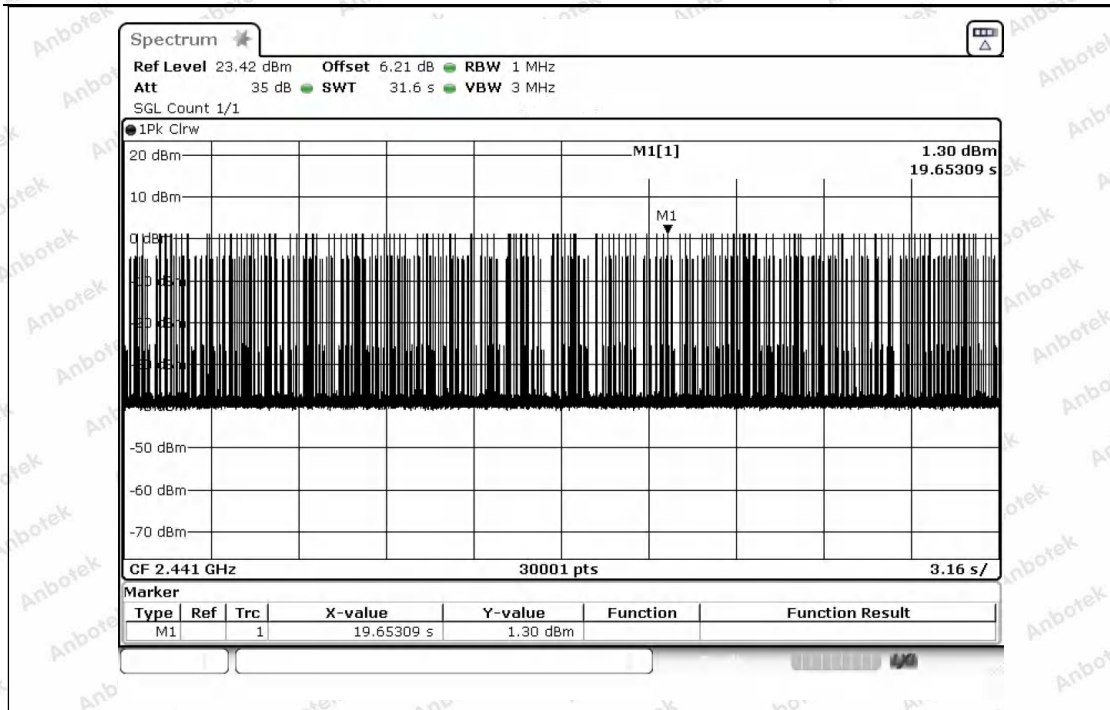
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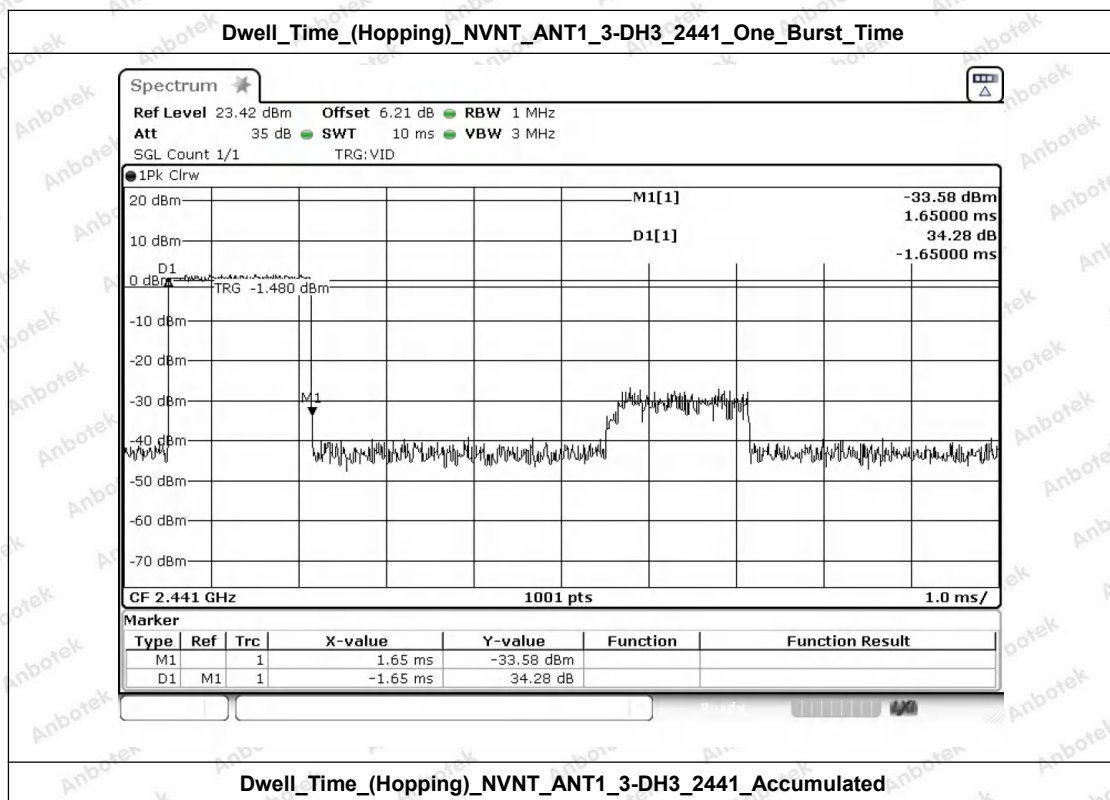
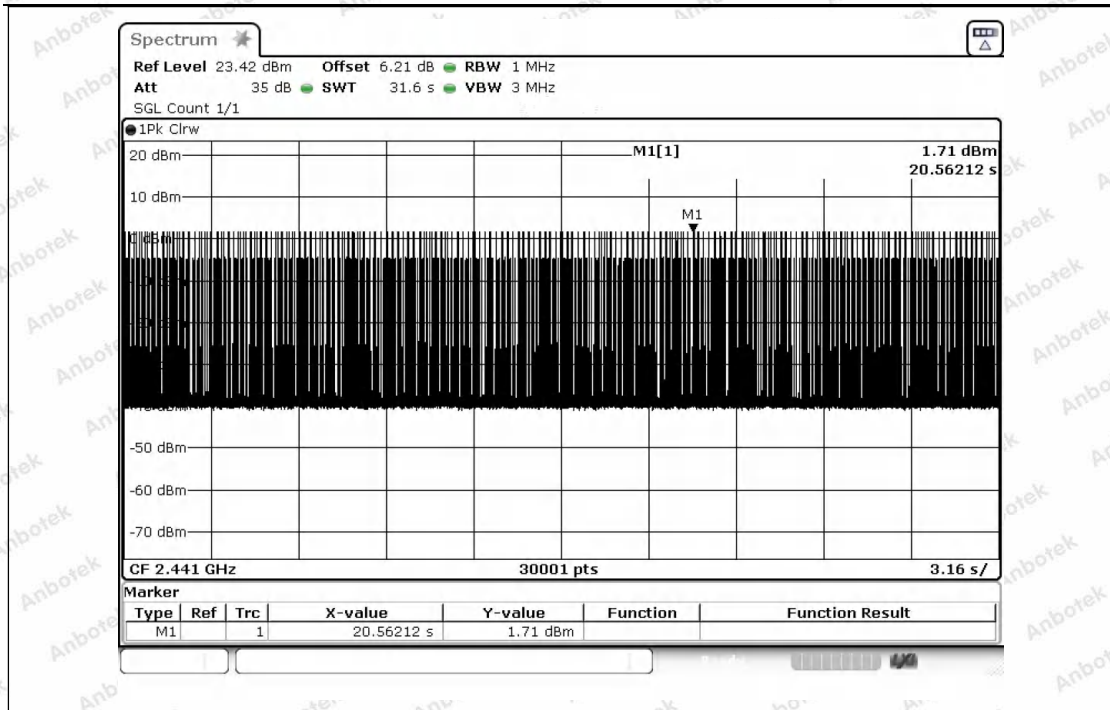
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Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_Accumulated





Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_Accumulated

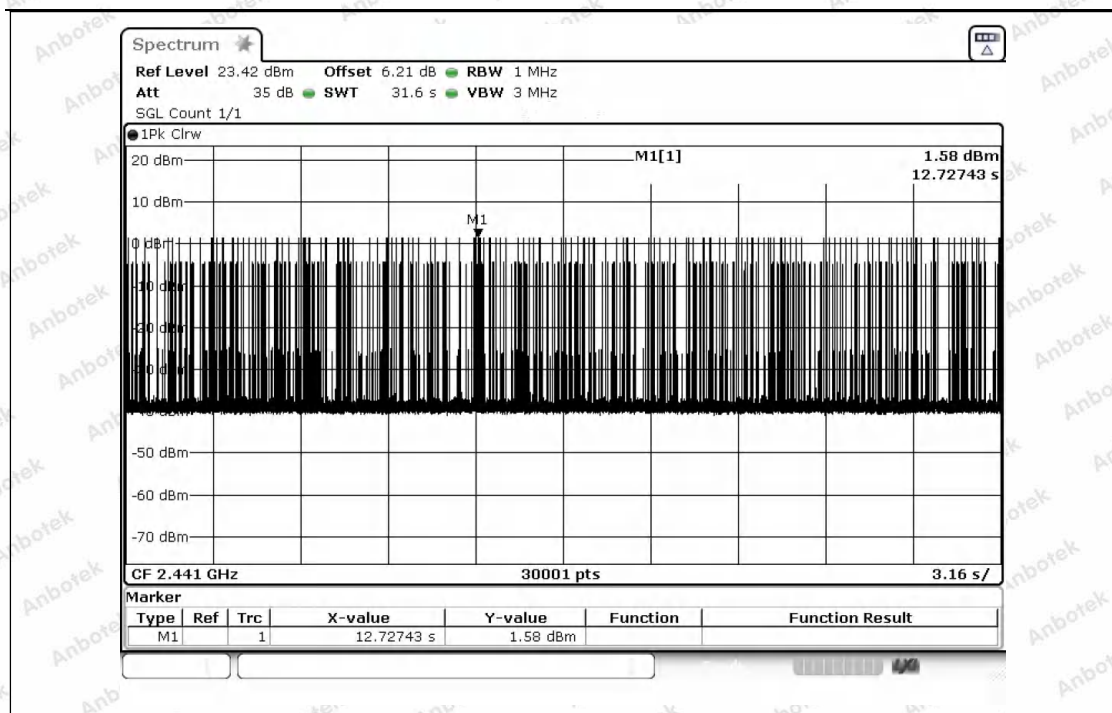
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