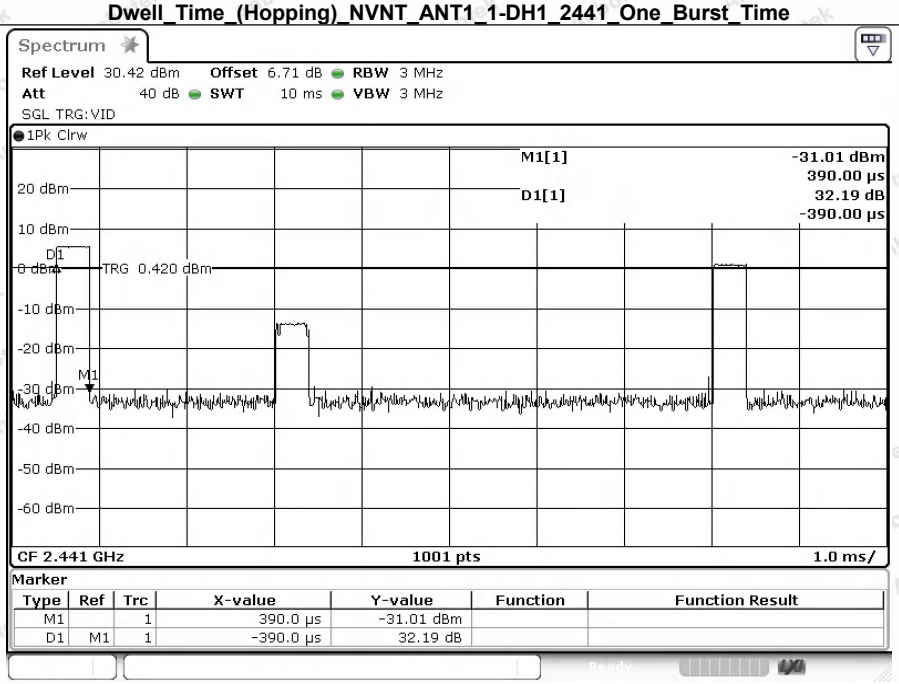
Appendix Test Data

Report No.:	18220WC40030501	Test Sample No.:	1-2-2
Start Test Date:	2024.2.22	Finish Test Date:	2024.2.22
Test Engineer:	Joker Huang	Auditor:	Justin Feng
Temperature:	25.8℃	Relative Humidity:	49%
Pressure:	101kPa		

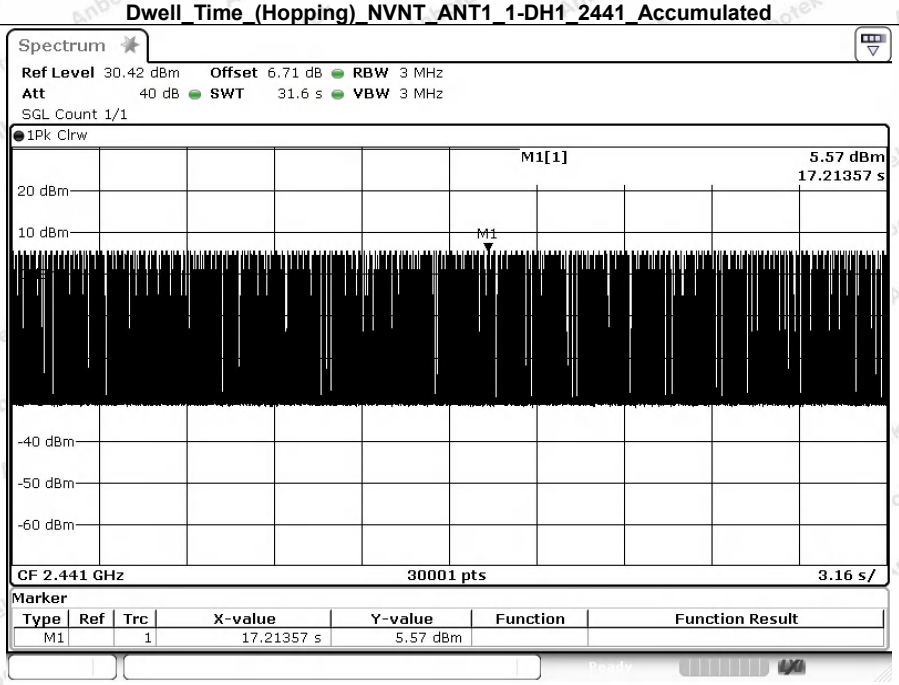
1. Dwell Time (Hopping)

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.390	619.00	241.410	0.40	Pass
NVNT	ANT1	1-DH3	1.650	174.00	287.100	0.40	Pass
NVNT	ANT1	1-DH5	2.900	113.00	327.700	0.40	Pass
NVNT	ANT1	2-DH1	0.400	644.00	257.600	0.40	Pass
NVNT	ANT1	2-DH3	1.650	182.00	300.300	0.40	Pass
NVNT	ANT1	2-DH5	2.900	115.00	333.500	0.40	Pass
NVNT	ANT1	3-DH1	0.390	318.00	124.020	0.40	Pass
NVNT	ANT1	3-DH3	1.640	162.00	265.680	0.40	Pass
NVNT	ANT1	3-DH5	2.900	105.00	304.500	0.40	Pass

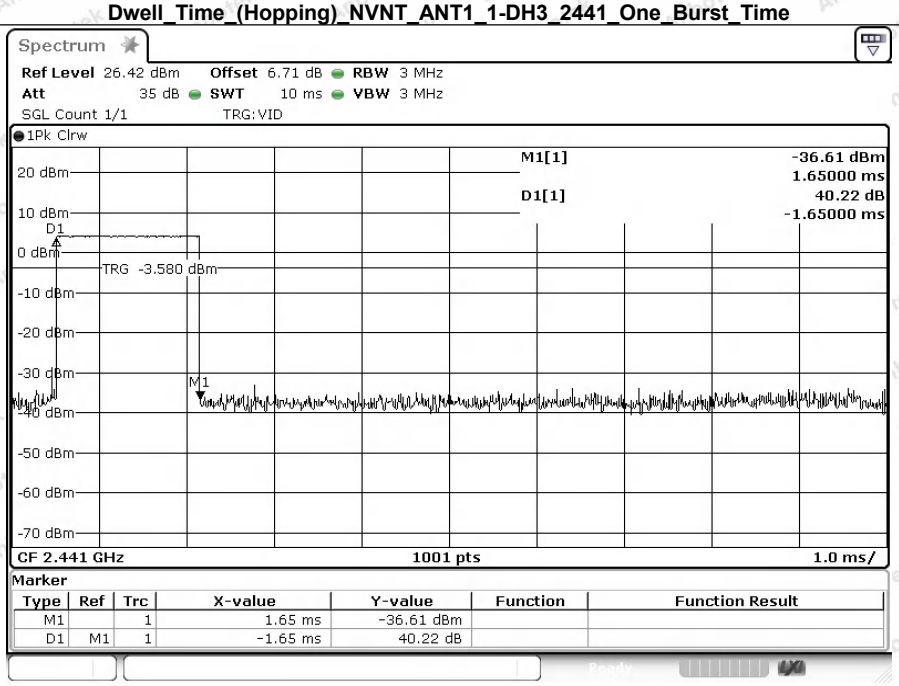
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_One_Burst_Time



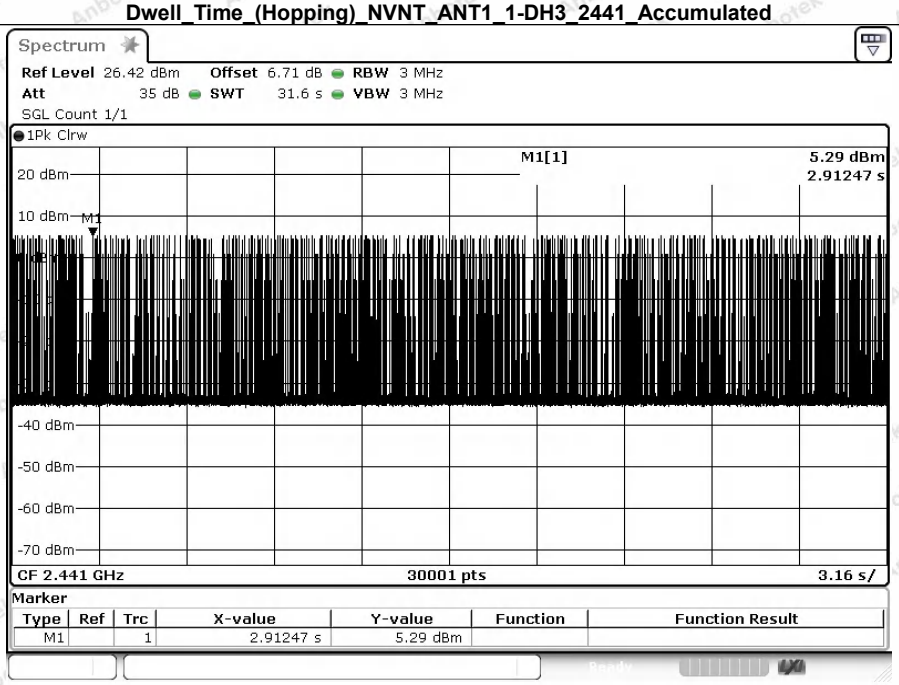
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH1_2441_Accumulated



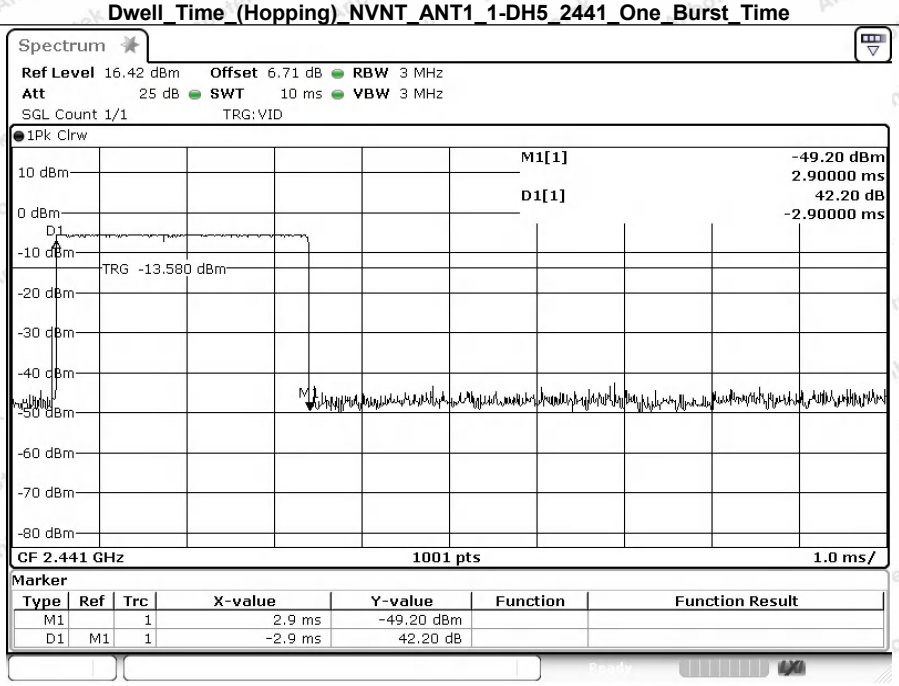
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_One_Burst_Time



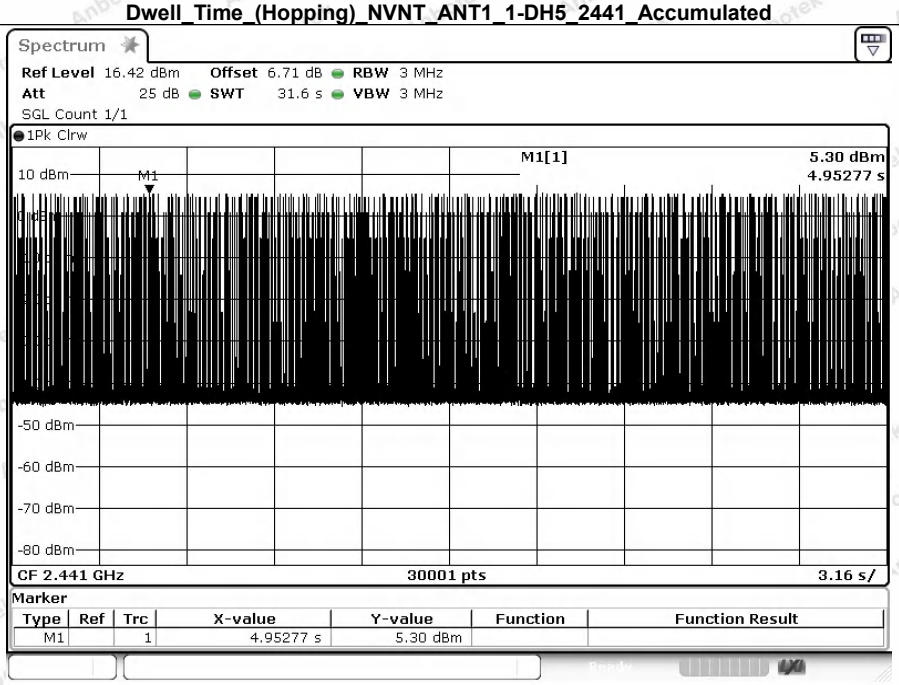
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH3_2441_Accumulated



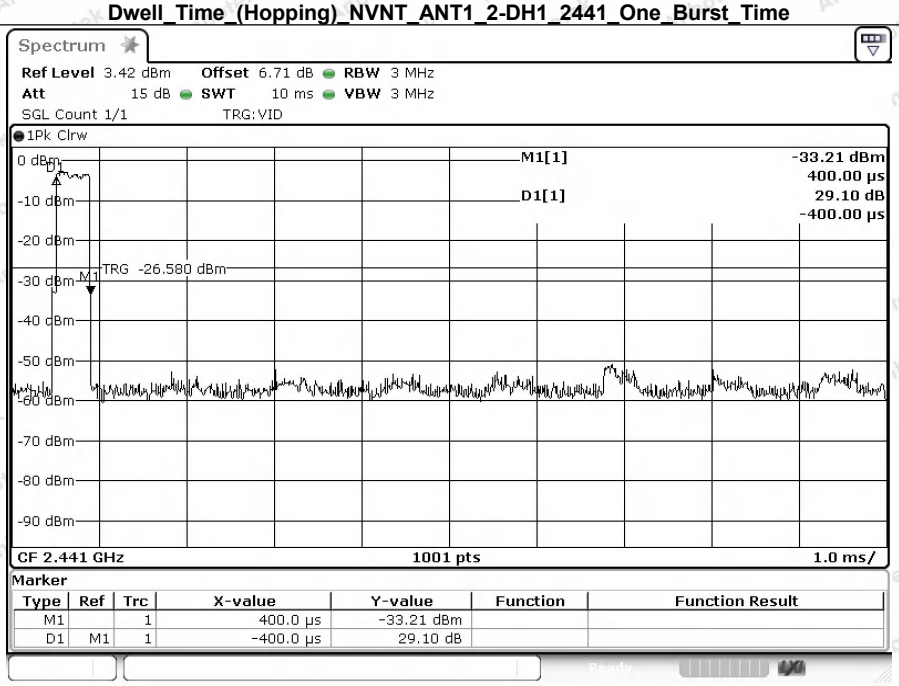
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_One_Burst_Time



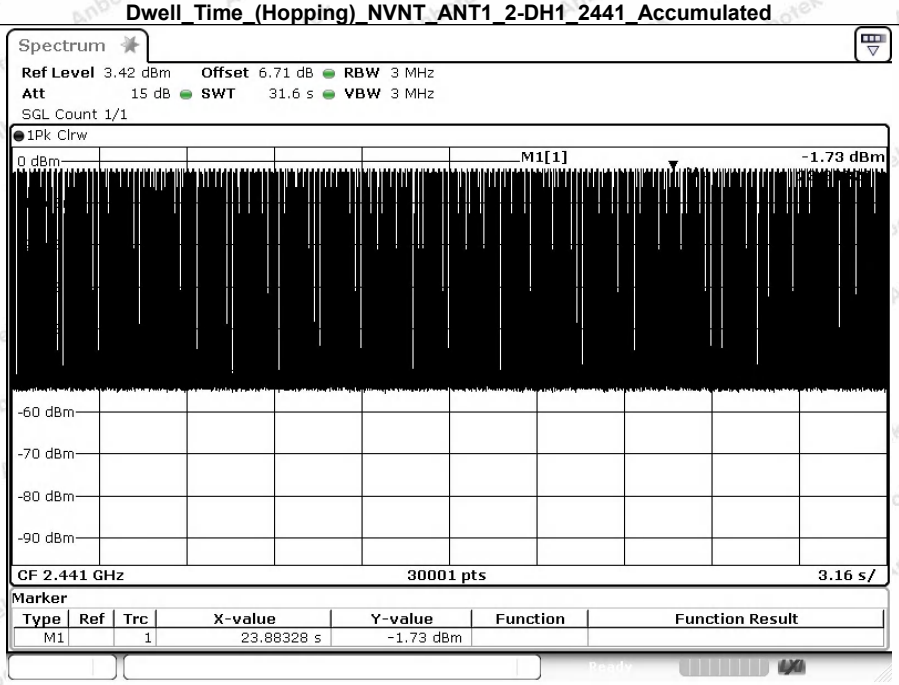
Dwell_Time_(Hopping)_NVNT_ANT1_1-DH5_2441_Accumulated



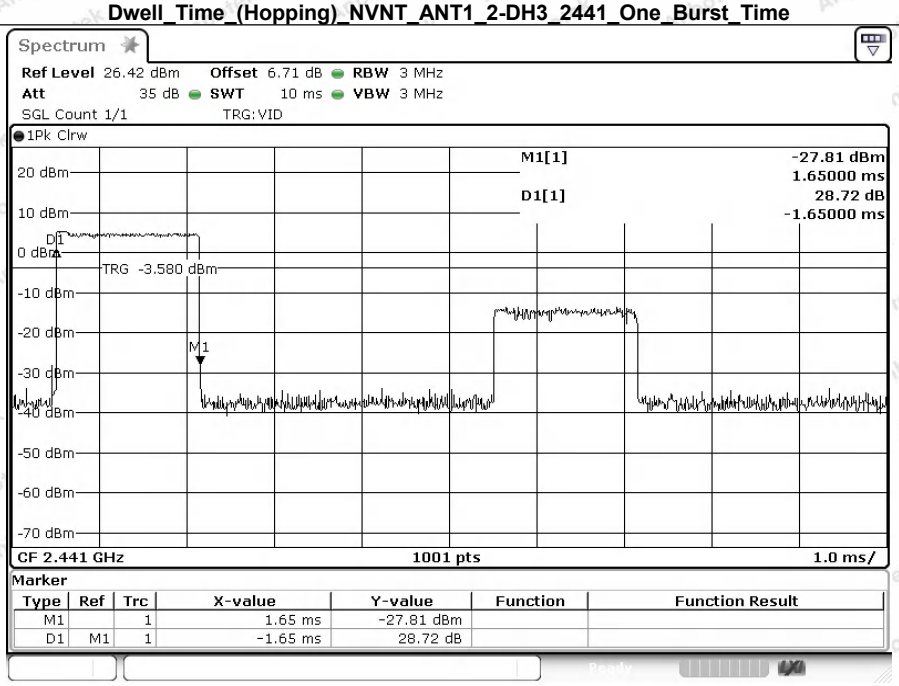
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_One_Burst_Time



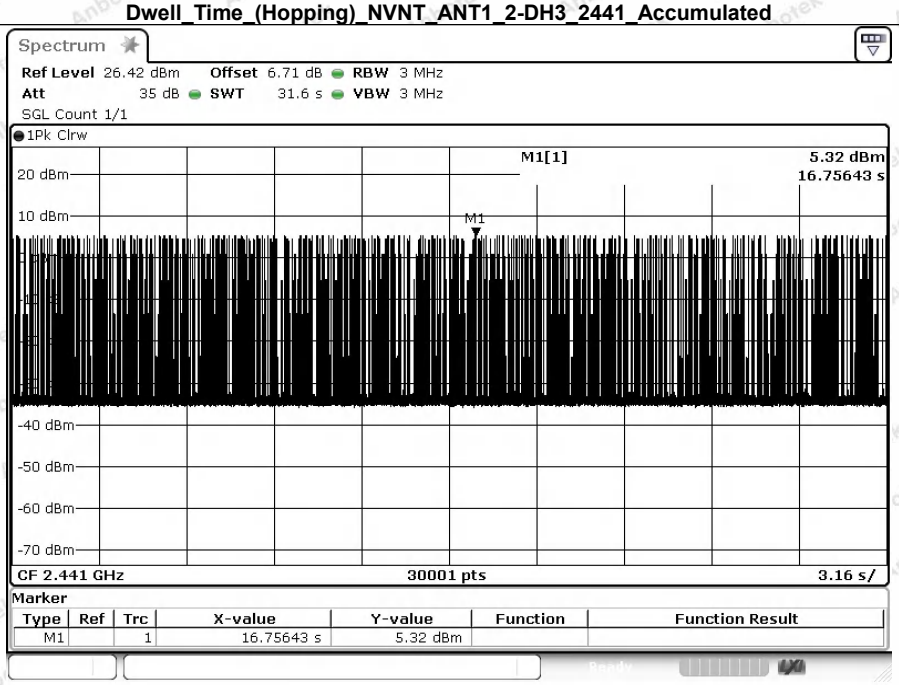
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH1_2441_Accumulated



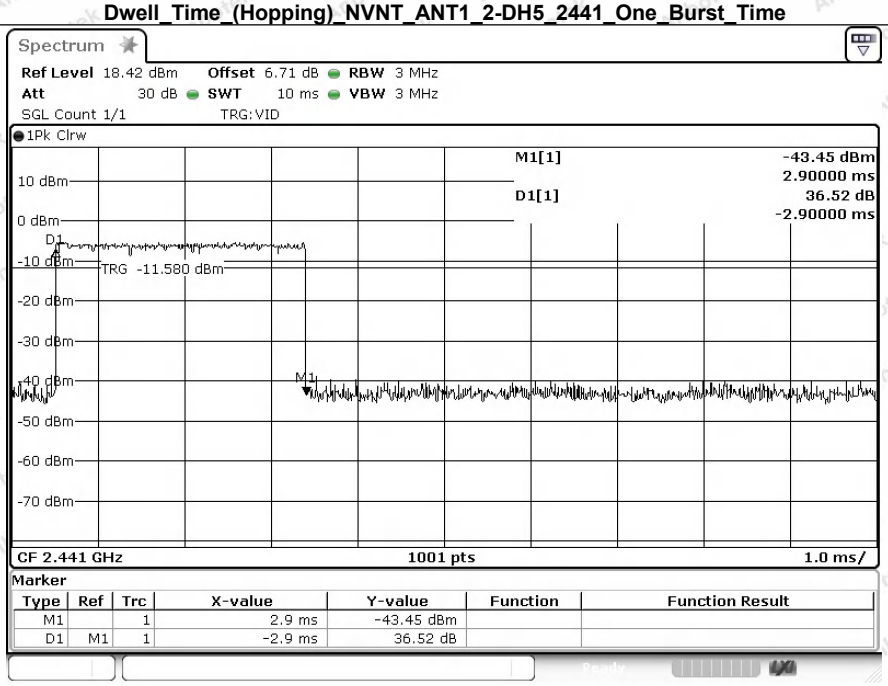
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_One_Burst_Time



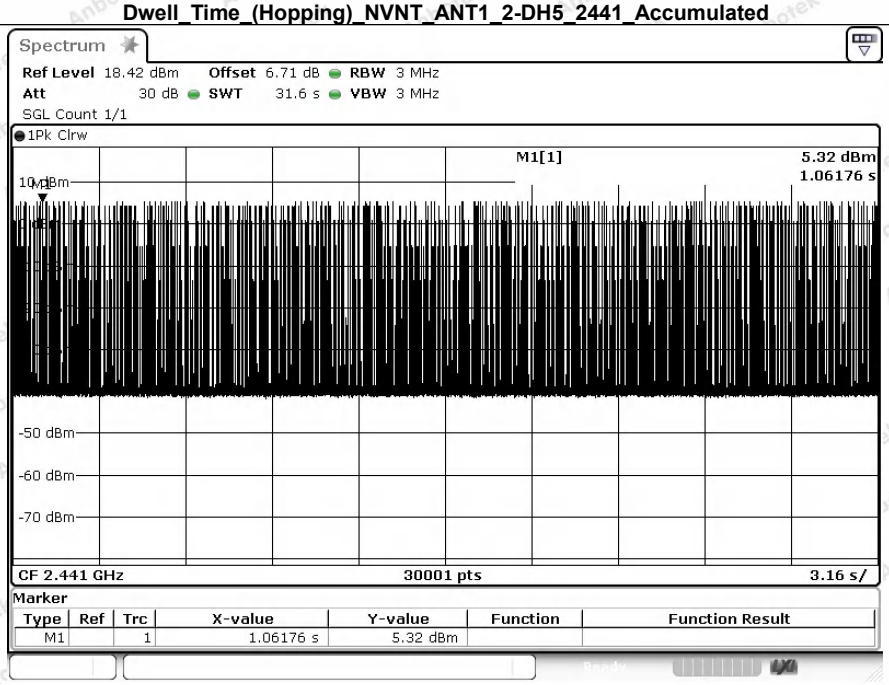
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH3_2441_Accumulated



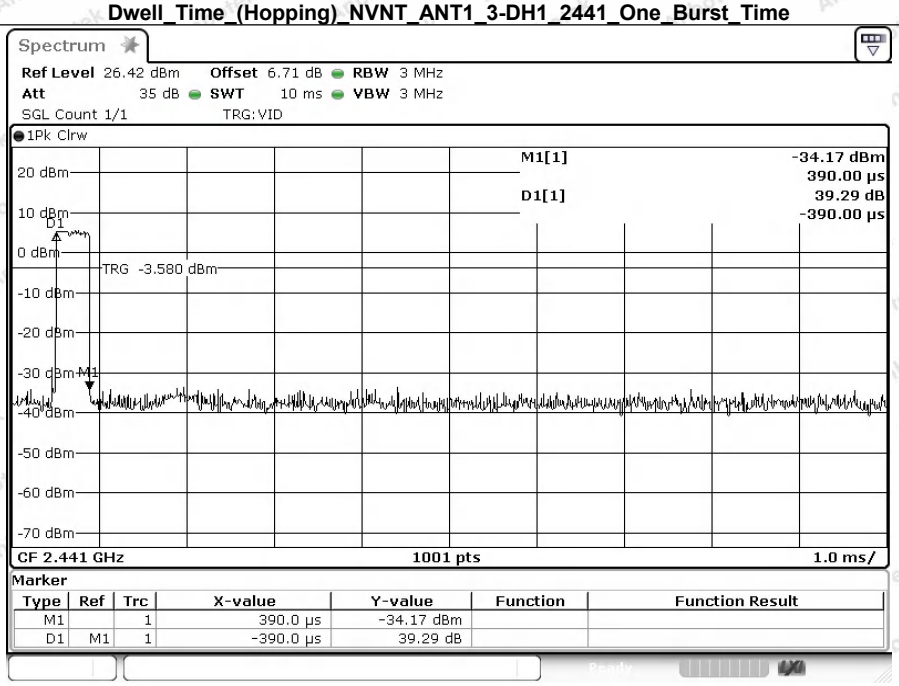
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_One_Burst_Time



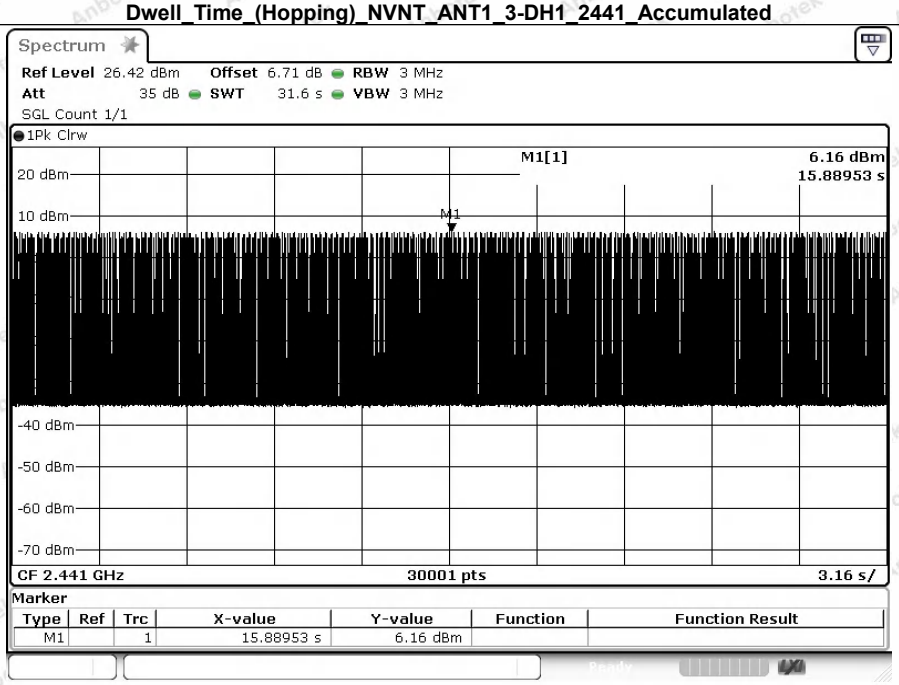
Dwell_Time_(Hopping)_NVNT_ANT1_2-DH5_2441_Accumulated



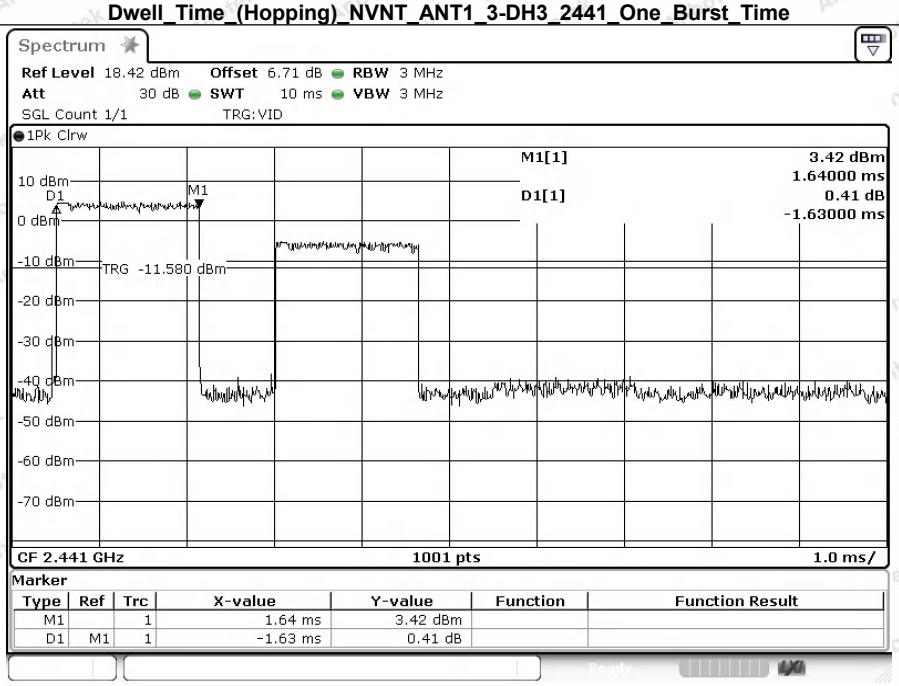
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_One_Burst_Time



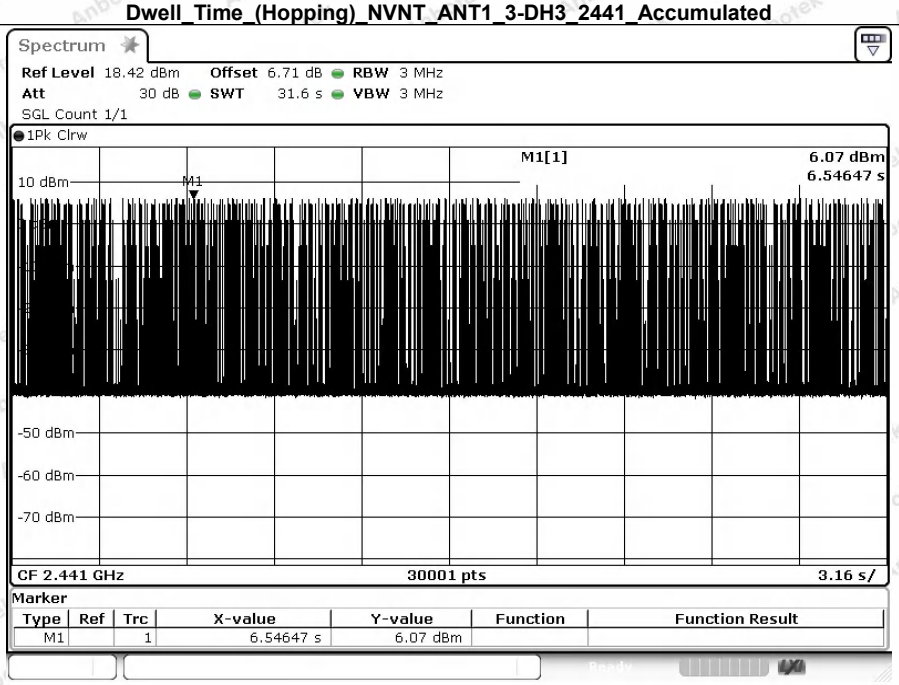
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH1_2441_Accumulated



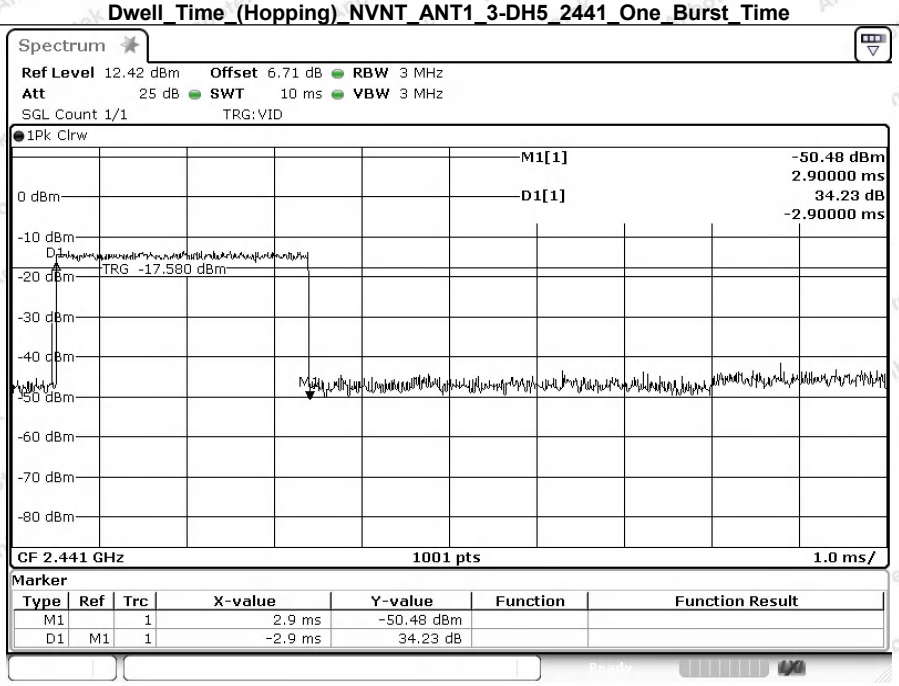
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_One_Burst_Time



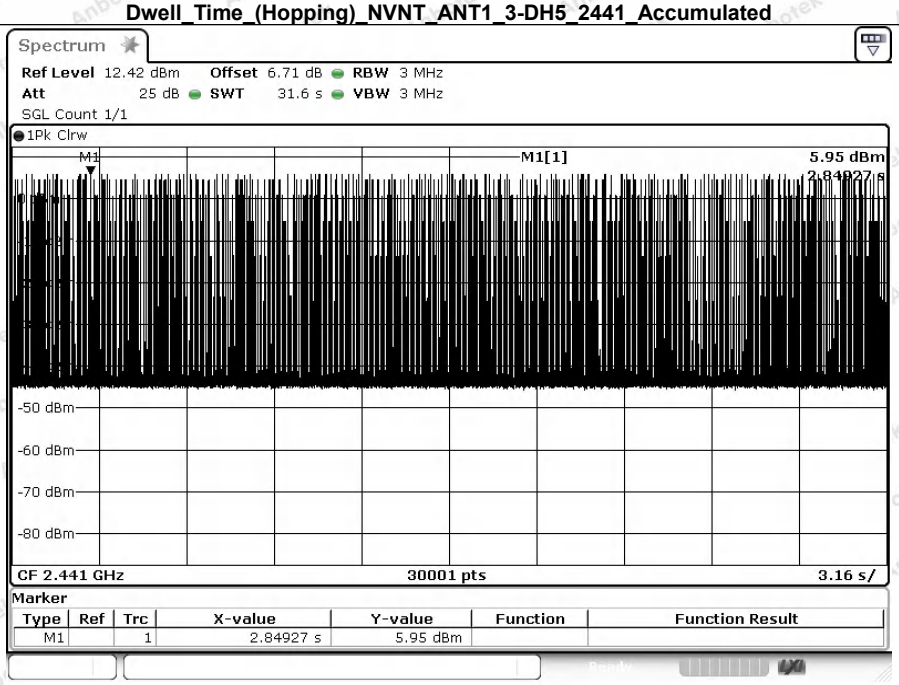
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH3_2441_Accumulated



Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_One_Burst_Time



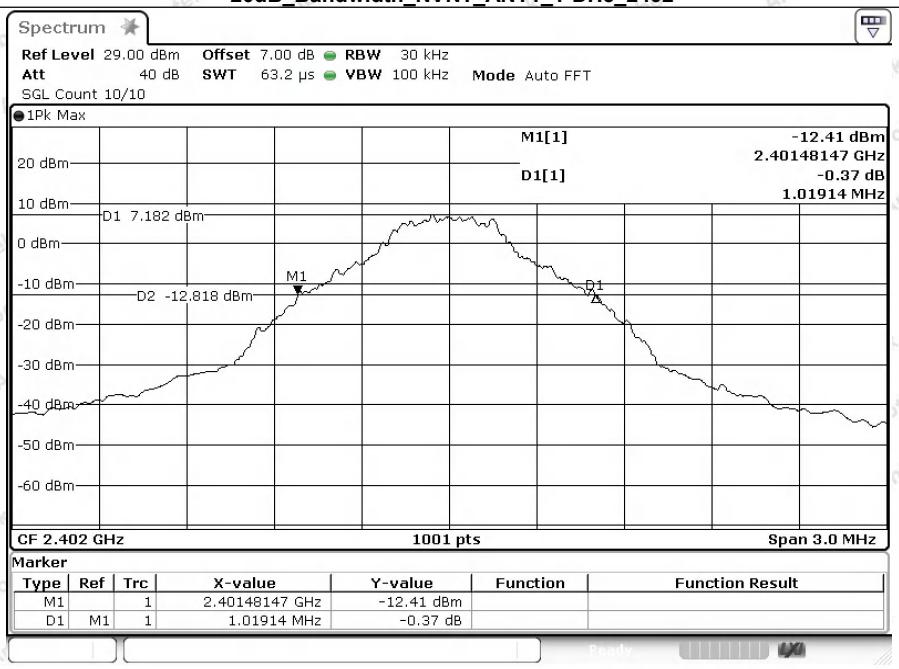
Dwell_Time_(Hopping)_NVNT_ANT1_3-DH5_2441_Accumulated



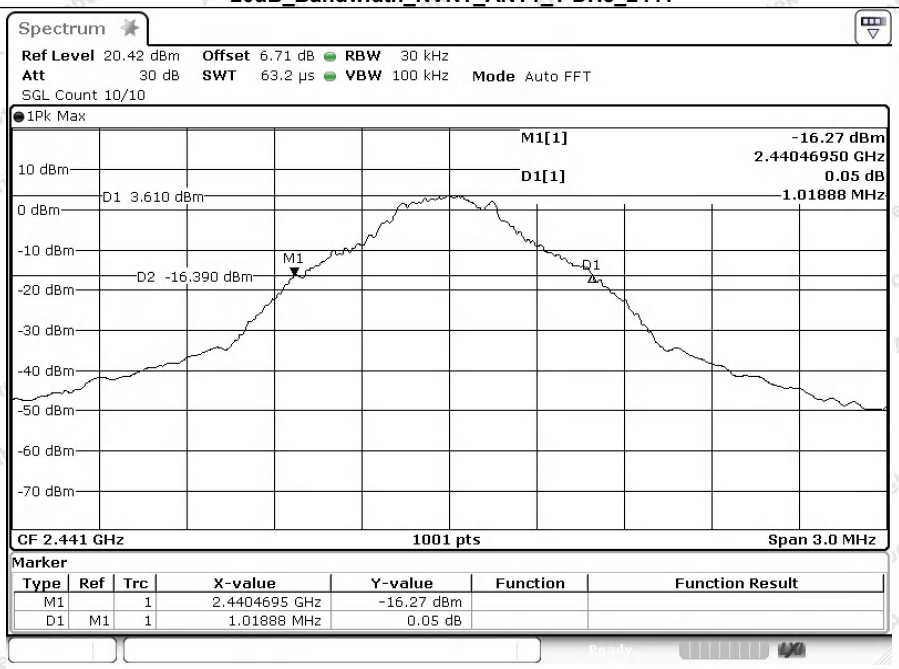
2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	1.019	Yes
NVNT	ANT1	1-DH5	2441.00	1.019	Yes
NVNT	ANT1	1-DH5	2480.00	1.013	Yes
NVNT	ANT1	2-DH5	2402.00	1.304	Yes
NVNT	ANT1	2-DH5	2441.00	1.298	Yes
NVNT	ANT1	2-DH5	2480.00	1.298	Yes
NVNT	ANT1	3-DH5	2402.00	1.283	Yes
NVNT	ANT1	3-DH5	2441.00	1.298	Yes
NVNT	ANT1	3-DH5	2480.00	1.301	Yes

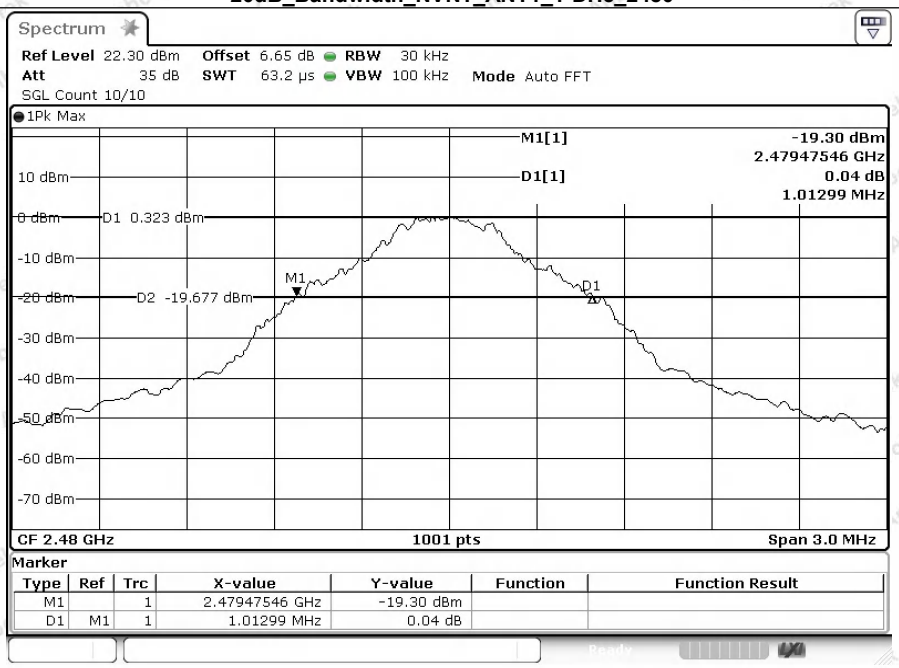
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2402



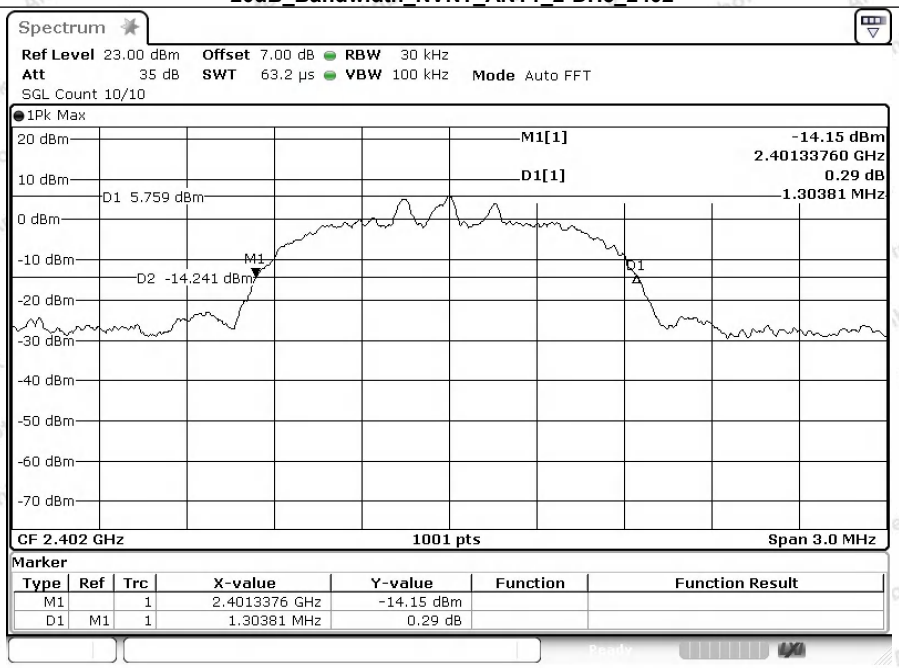
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2441



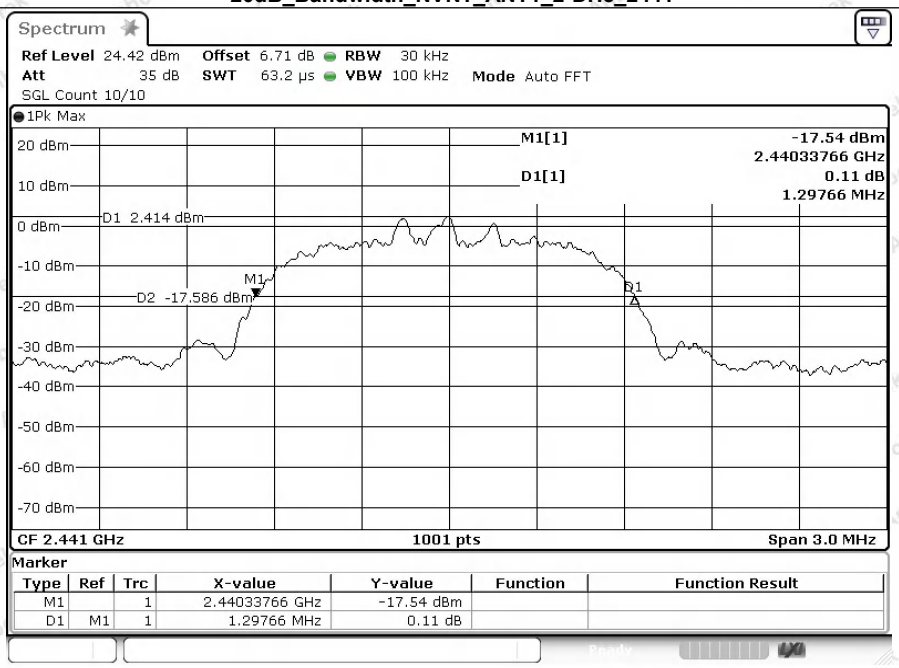
-20dB_Bandwidth_NVNT_ANT1_1-DH5_2480



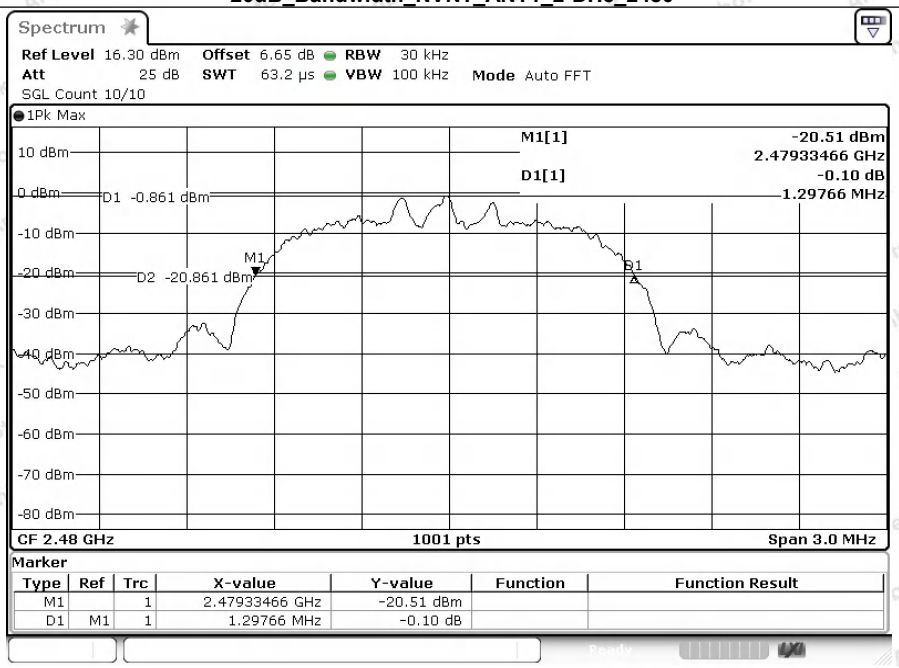
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2402



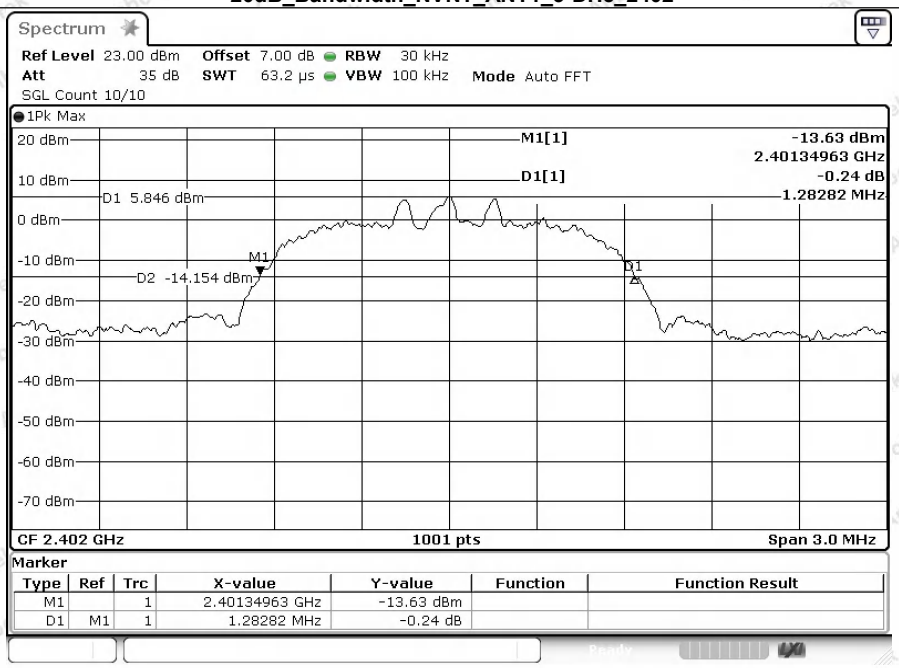
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2441



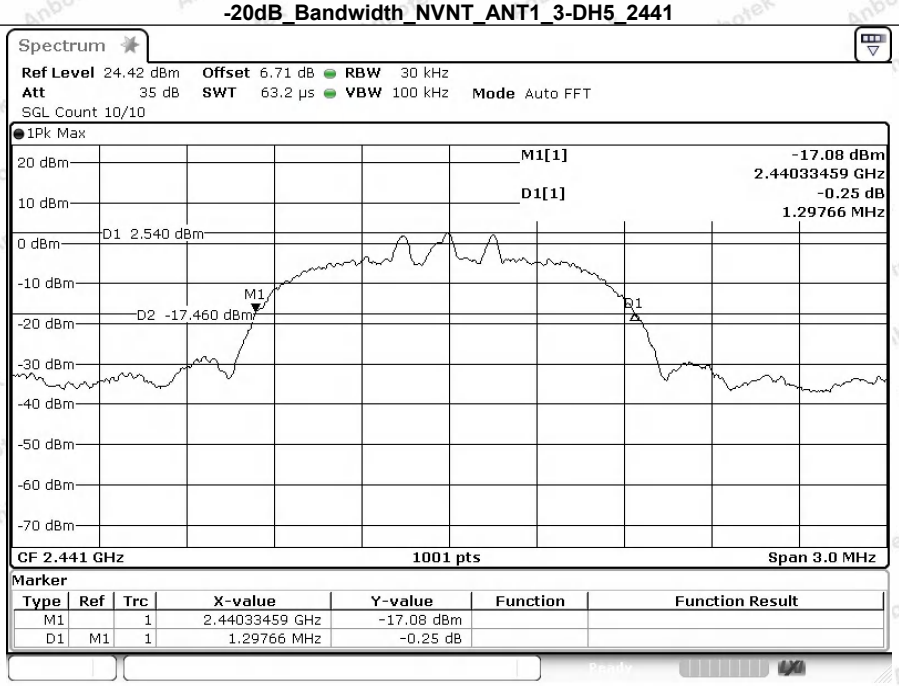
-20dB_Bandwidth_NVNT_ANT1_2-DH5_2480



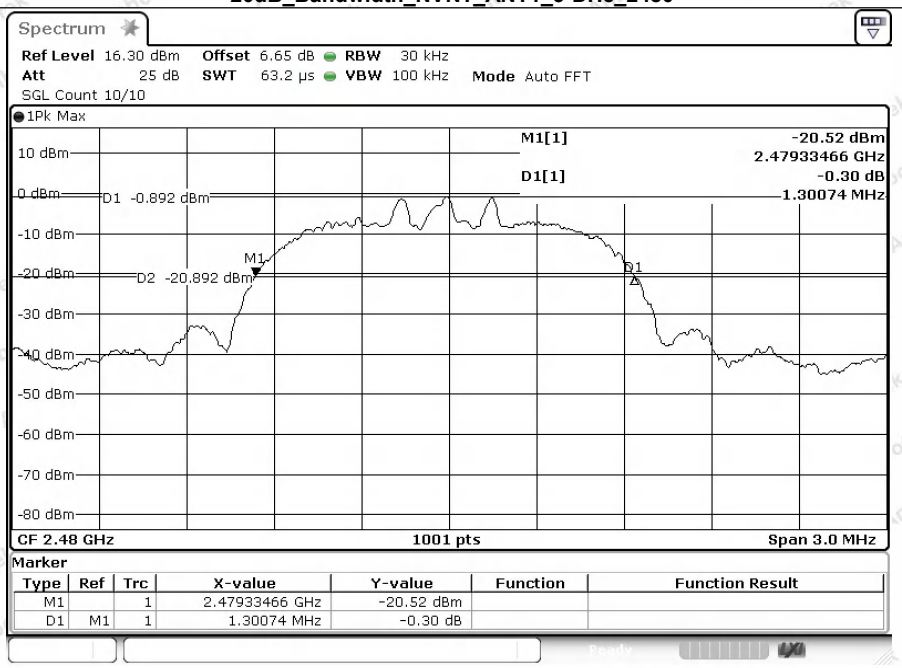
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2402



-20dB_Bandwidth_NVNT_ANT1_3-DH5_2441



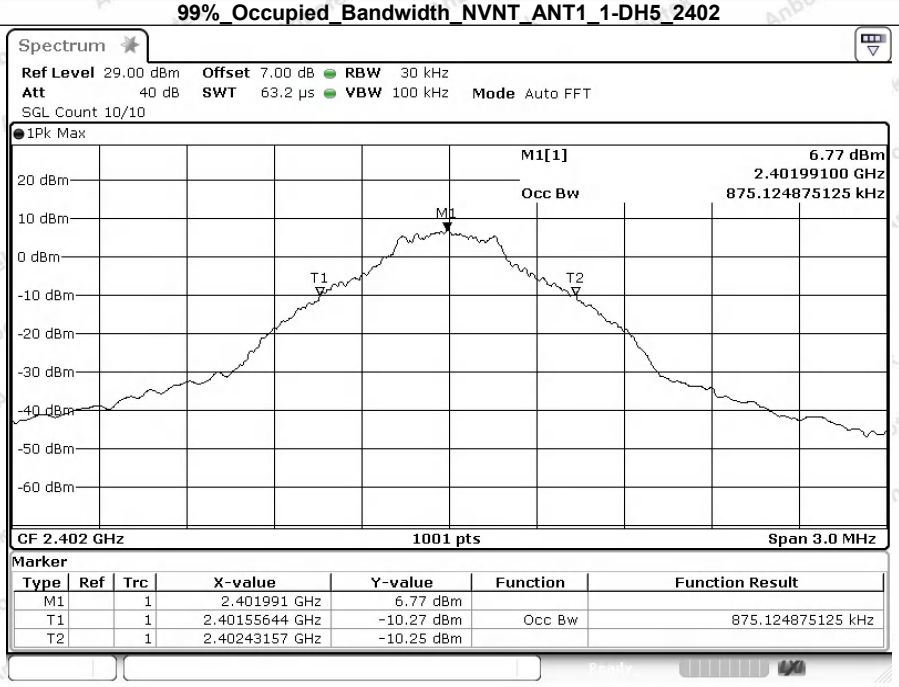
-20dB_Bandwidth_NVNT_ANT1_3-DH5_2480



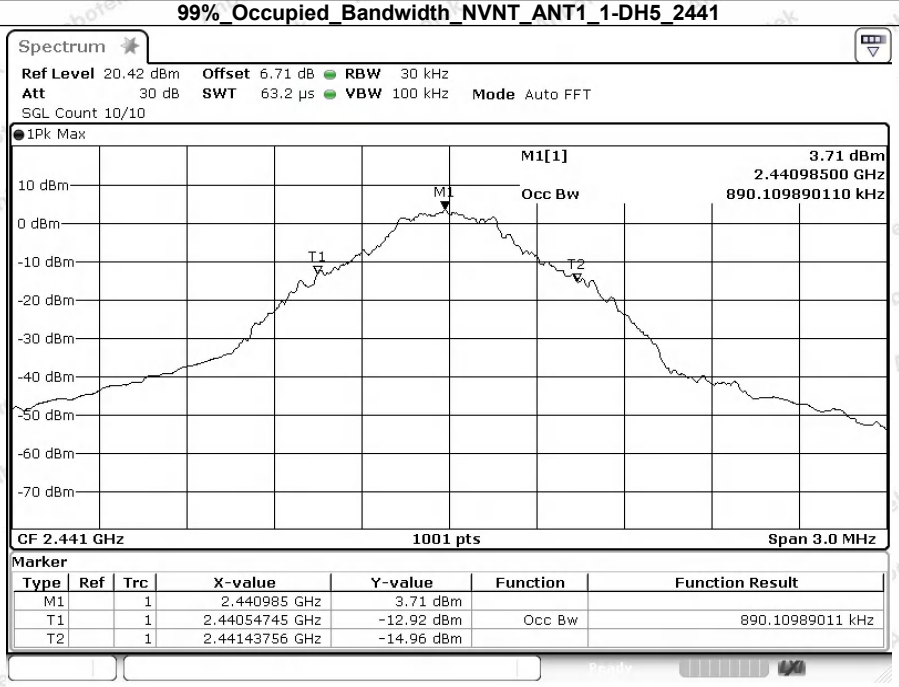
3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.875
NVNT	ANT1	1-DH5	2441.00	0.890
NVNT	ANT1	1-DH5	2480.00	0.881
NVNT	ANT1	2-DH5	2402.00	1.217
NVNT	ANT1	2-DH5	2441.00	1.196
NVNT	ANT1	2-DH5	2480.00	1.196
NVNT	ANT1	3-DH5	2402.00	1.202
NVNT	ANT1	3-DH5	2441.00	1.193
NVNT	ANT1	3-DH5	2480.00	1.190

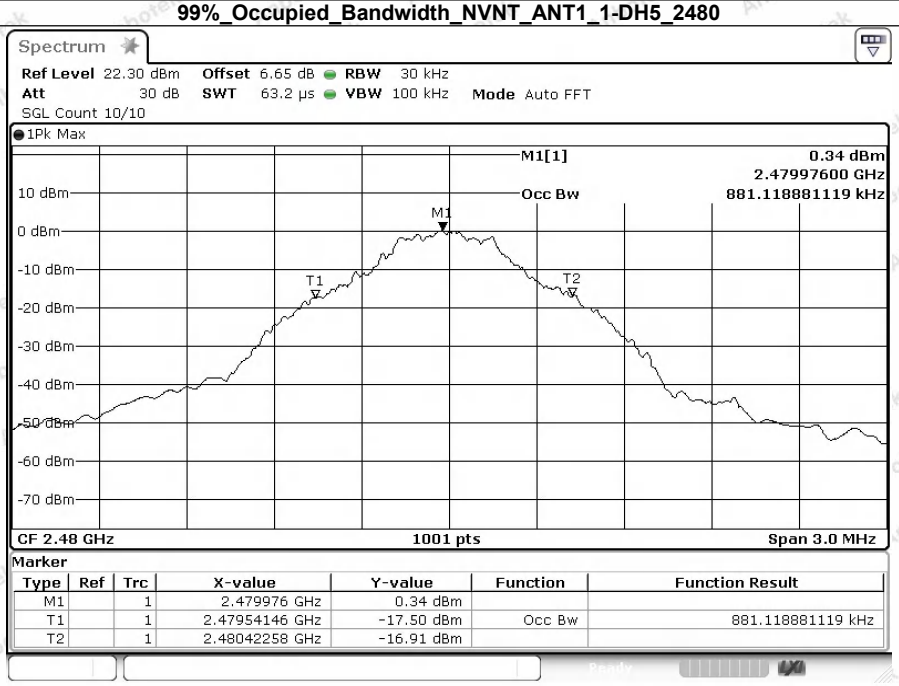
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2402



99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2441



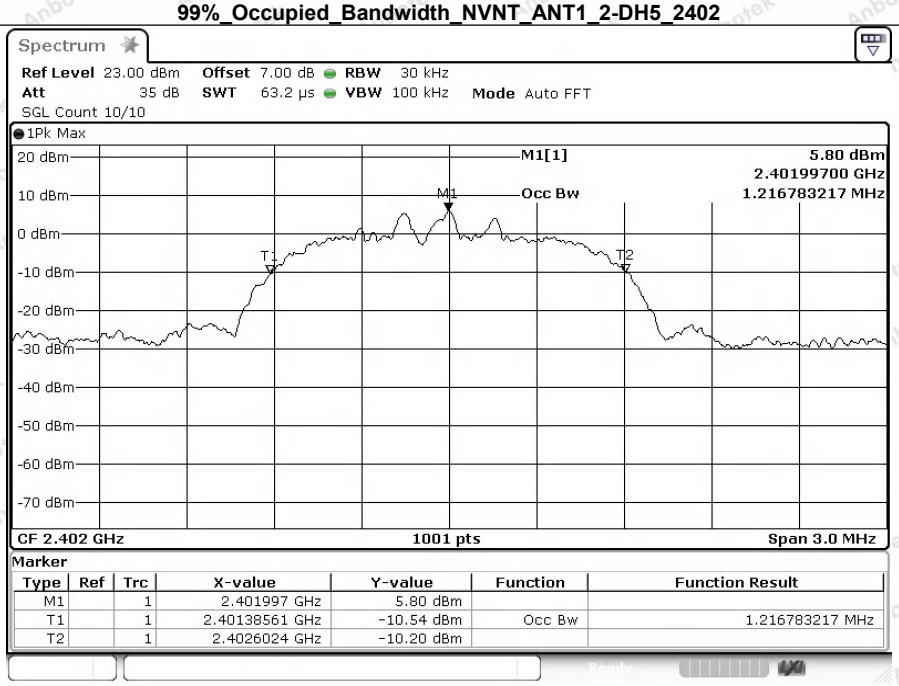
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH5_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.479976 GHz	0.34 dBm		
T1		1	2.47954146 GHz	-17.50 dBm	Occ Bw	881.118881119 kHz
T2		1	2.48042258 GHz	-16.91 dBm		

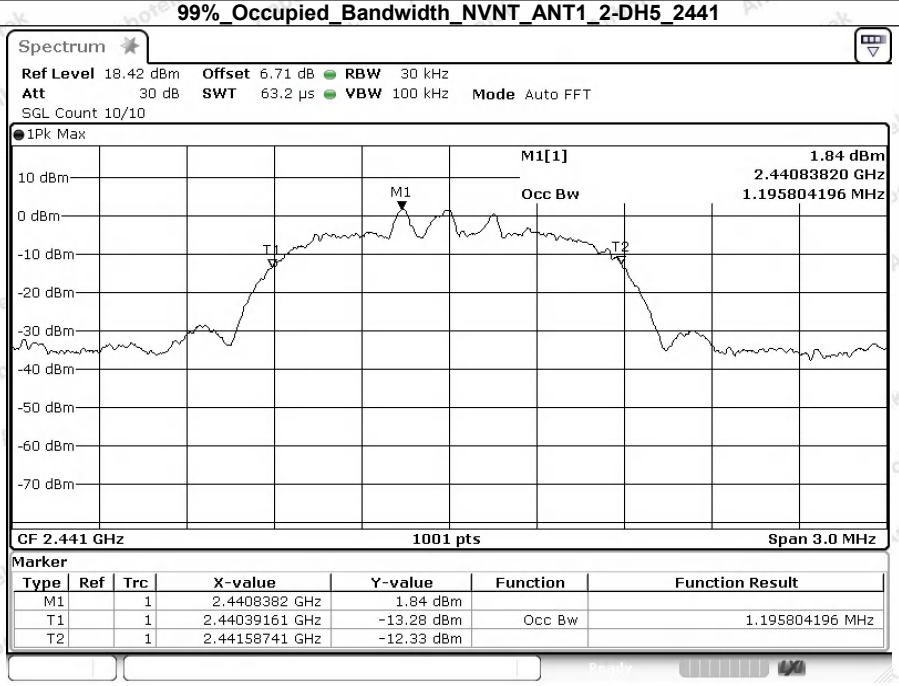
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2402



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.401997 GHz	5.80 dBm		
T1		1	2.40138561 GHz	-10.54 dBm	Occ Bw	1.216783217 MHz
T2		1	2.4026024 GHz	-10.20 dBm		

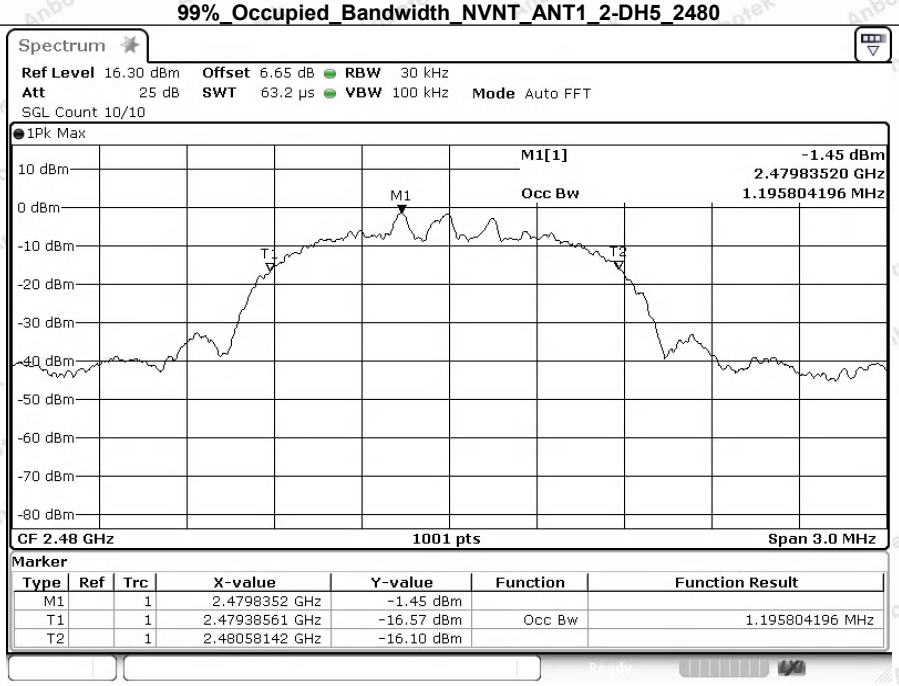
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2441



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4408382 GHz	1.84 dBm		
T1		1	2.44039161 GHz	-13.28 dBm	Occ Bw	1.195804196 MHz
T2		1	2.44158741 GHz	-12.33 dBm		

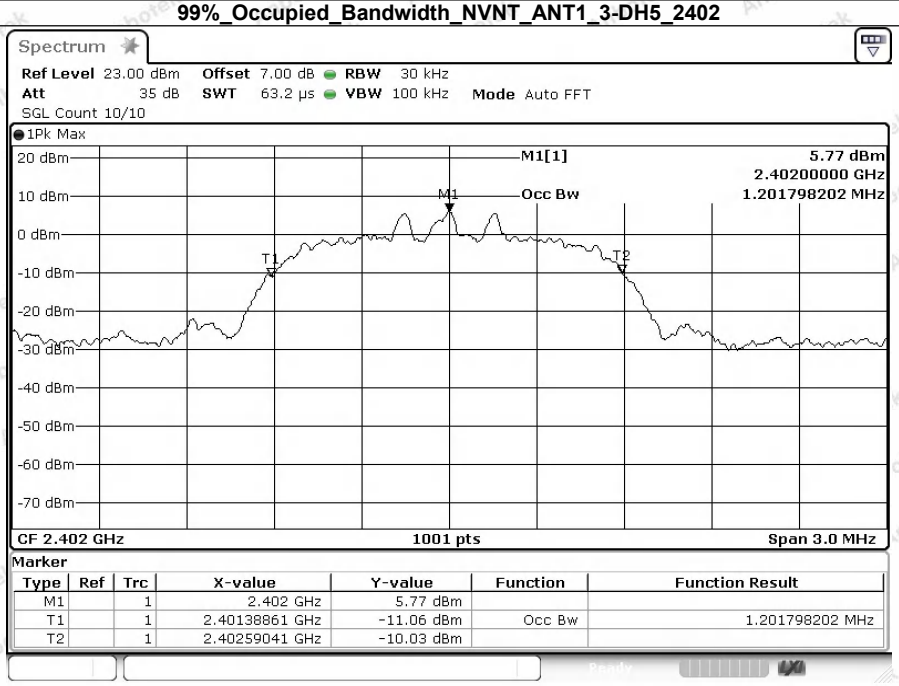
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH5_2480



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4798352 GHz	-1.45 dBm		
T1		1	2.47938561 GHz	-16.57 dBm	Occ Bw	1.195804196 MHz
T2		1	2.48058142 GHz	-16.10 dBm		

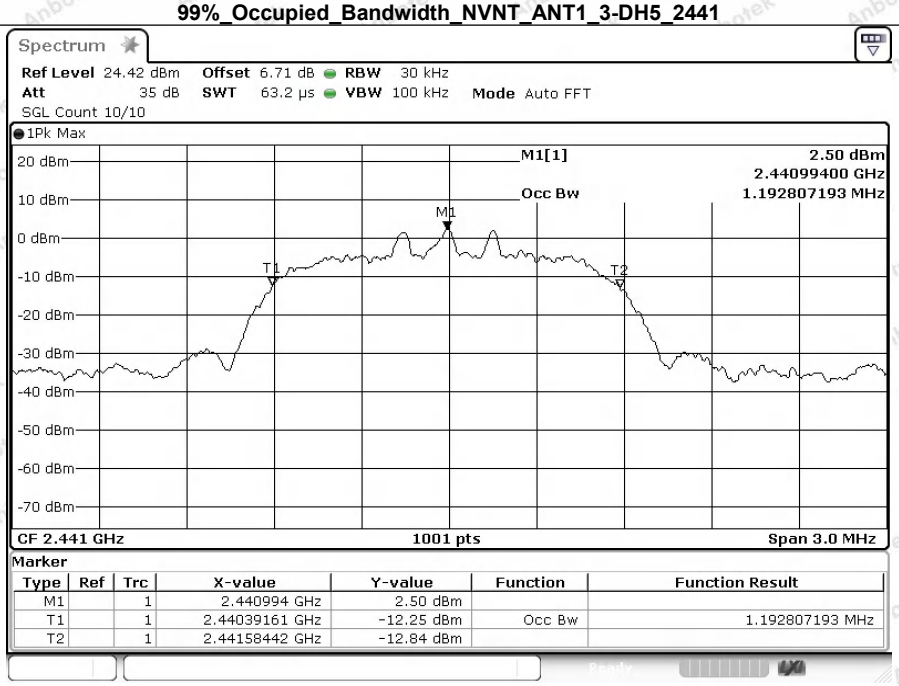
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2402



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.402 GHz	5.77 dBm		
T1		1	2.40138861 GHz	-11.06 dBm	Occ Bw	1.201798202 MHz
T2		1	2.40259041 GHz	-10.03 dBm		

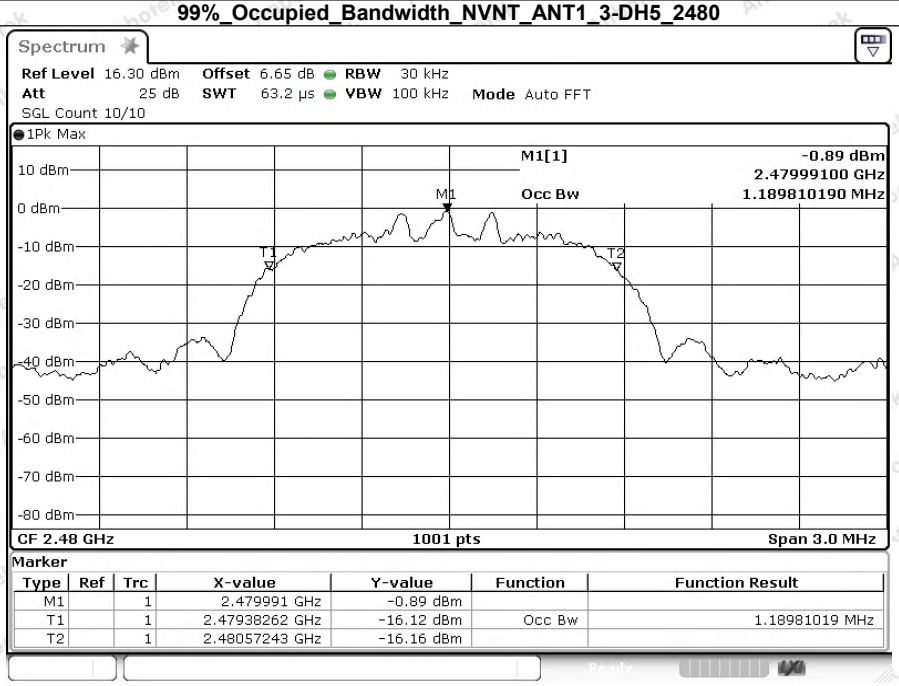
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2441



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.440994 GHz	2.50 dBm		
T1		1	2.44039161 GHz	-12.25 dBm	Occ Bw	1.192807193 MHz
T2		1	2.44158442 GHz	-12.84 dBm		

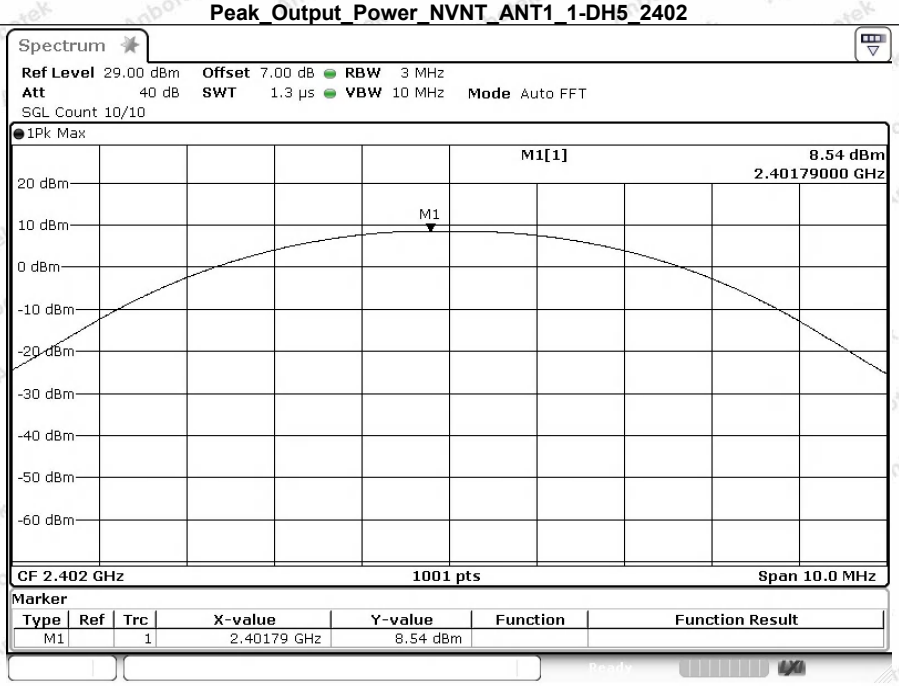
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH5_2480



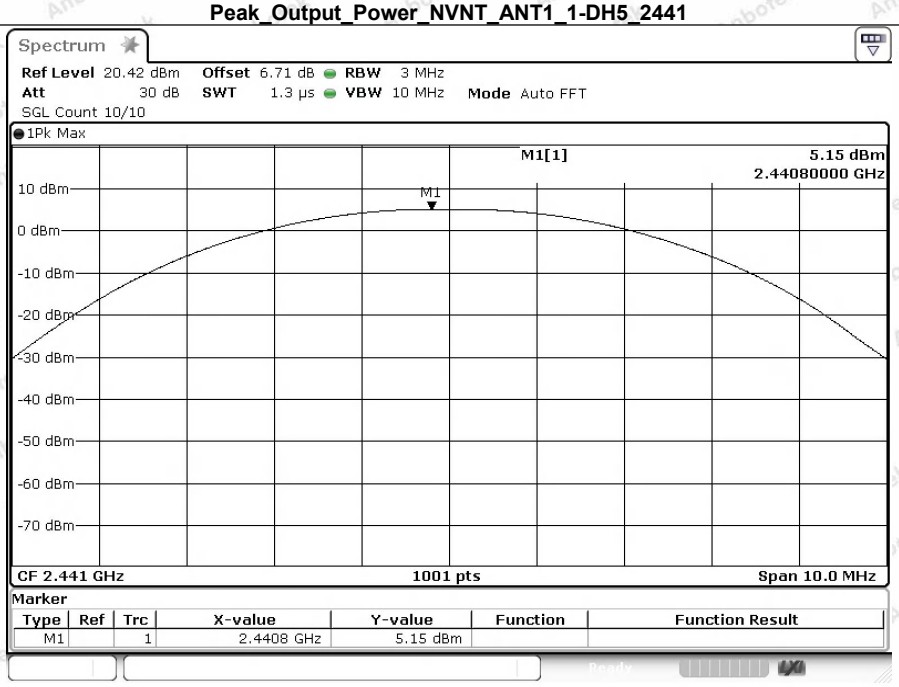
4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	8.54	7.15	125	Pass
NVNT	ANT1	1-DH5	2441.00	5.15	3.27	125	Pass
NVNT	ANT1	1-DH5	2480.00	1.91	1.55	125	Pass
NVNT	ANT1	2-DH5	2402.00	8.56	7.19	125	Pass
NVNT	ANT1	2-DH5	2441.00	5.23	3.34	125	Pass
NVNT	ANT1	2-DH5	2480.00	1.93	1.56	125	Pass
NVNT	ANT1	3-DH5	2402.00	**8.66**	7.35	125	Pass
NVNT	ANT1	3-DH5	2441.00	5.67	3.69	125	Pass
NVNT	ANT1	3-DH5	2480.00	2.08	1.61	125	Pass

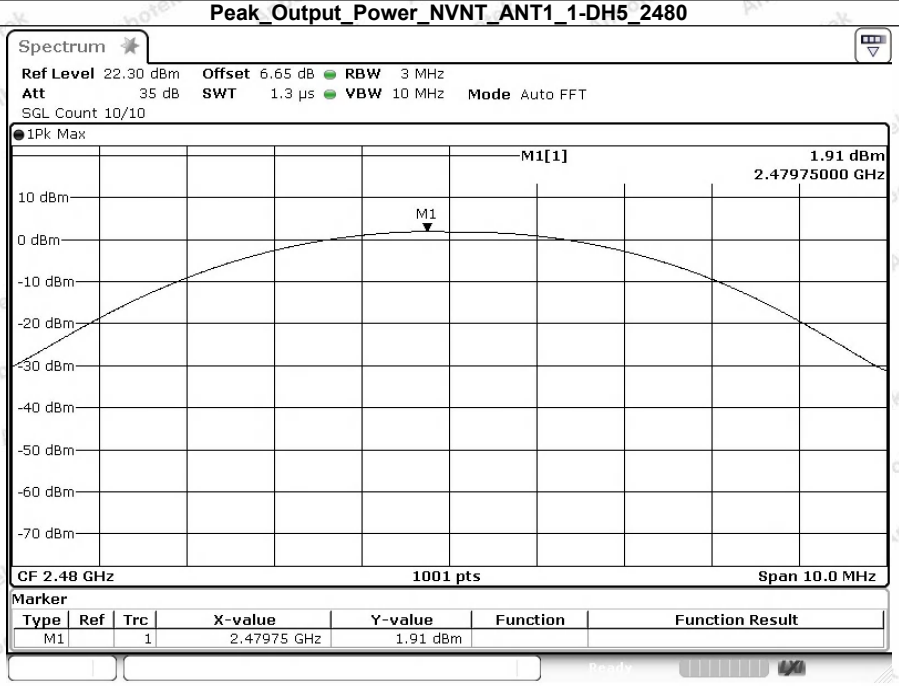
Peak_Output_Power_NVNT_ANT1_1-DH5_2402



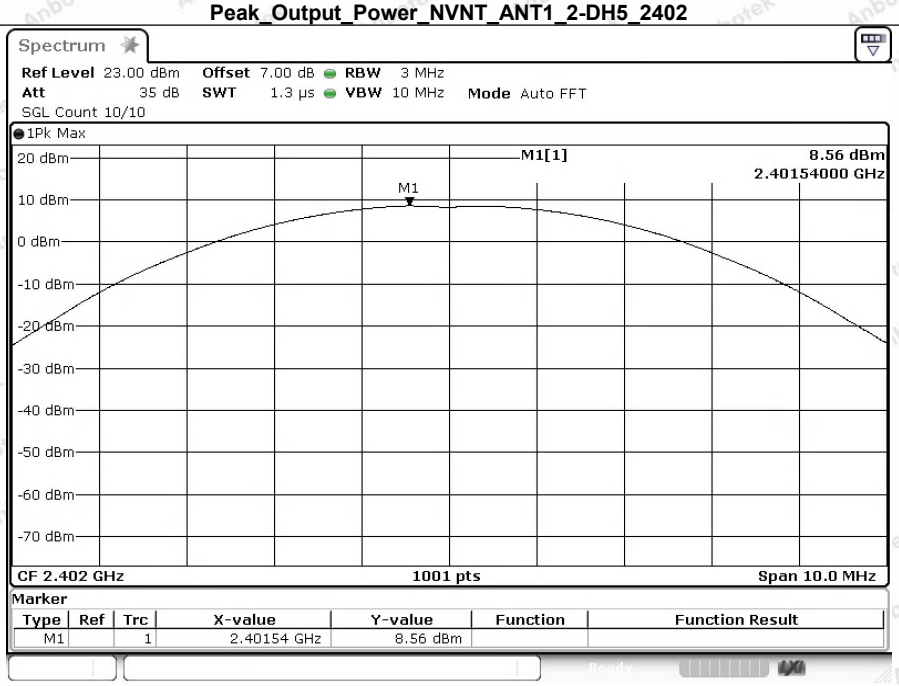
Peak_Output_Power_NVNT_ANT1_1-DH5_2441



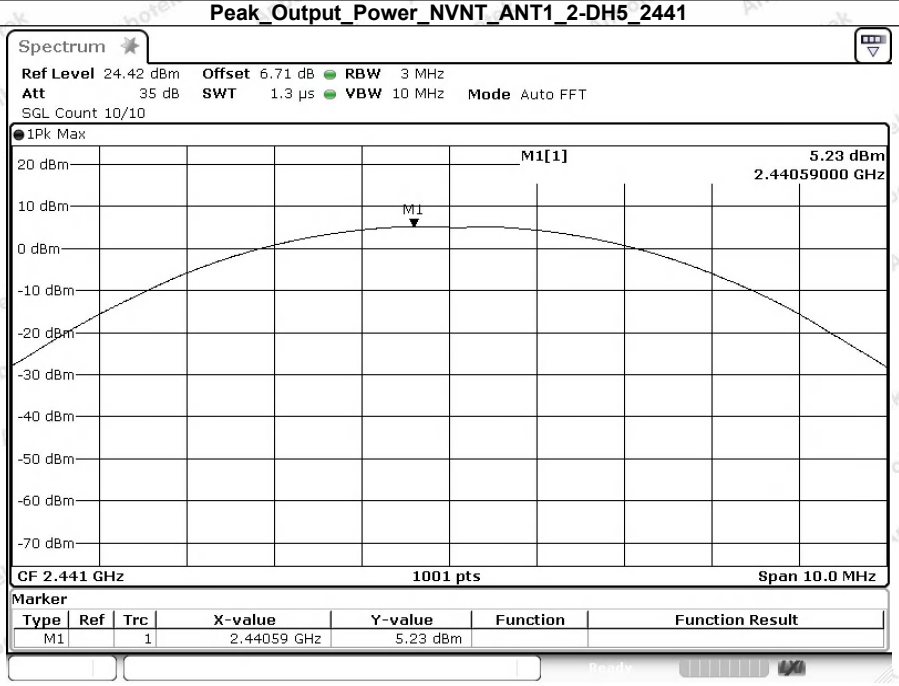
Peak_Output_Power_NVNT_ANT1_1-DH5_2480



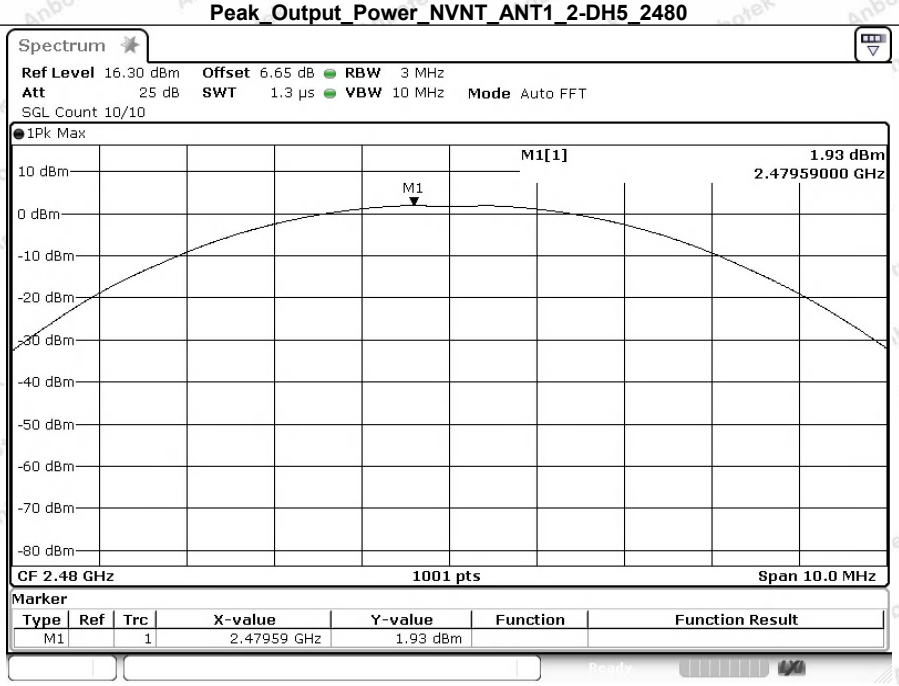
Peak_Output_Power_NVNT_ANT1_2-DH5_2402



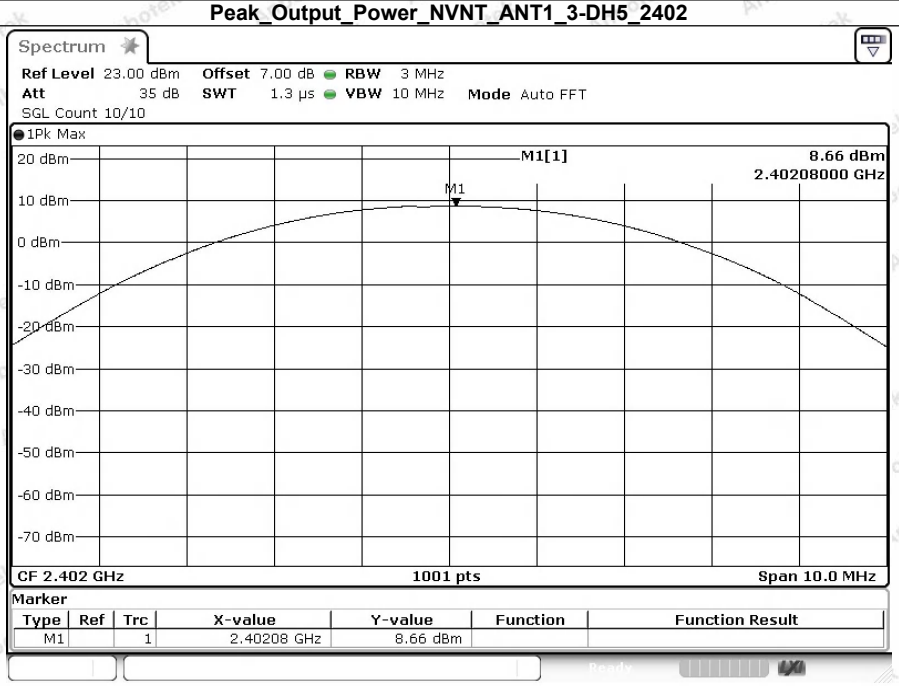
Peak_Output_Power_NVNT_ANT1_2-DH5_2441



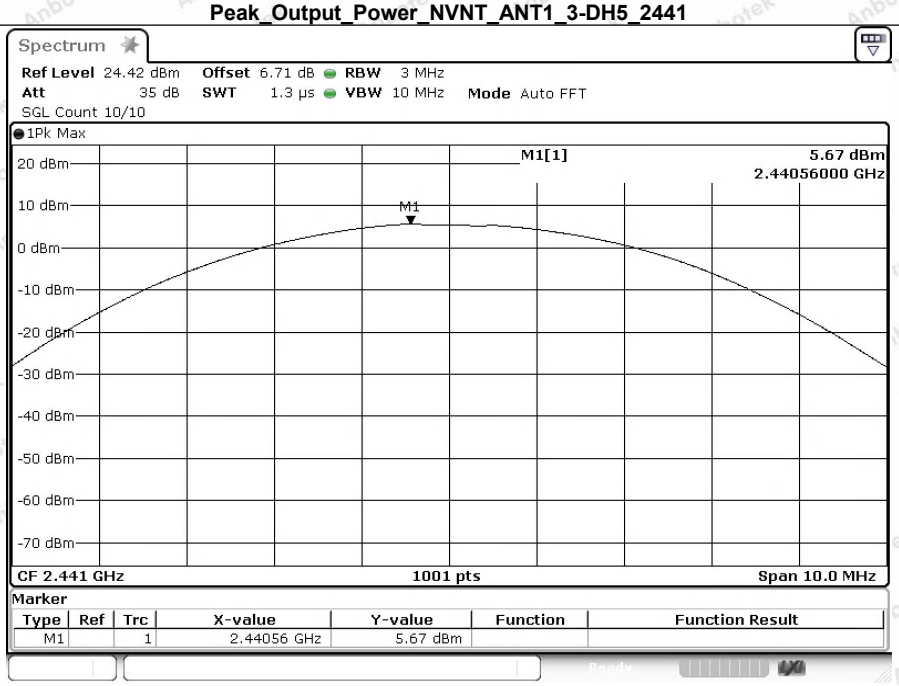
Peak_Output_Power_NVNT_ANT1_2-DH5_2480



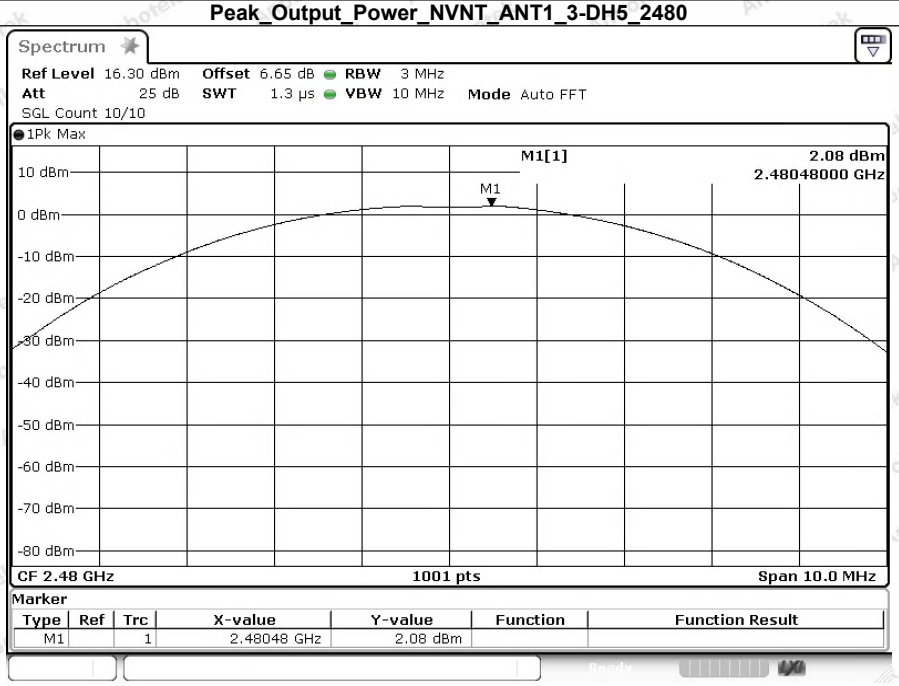
Peak_Output_Power_NVNT_ANT1_3-DH5_2402



Peak_Output_Power_NVNT_ANT1_3-DH5_2441



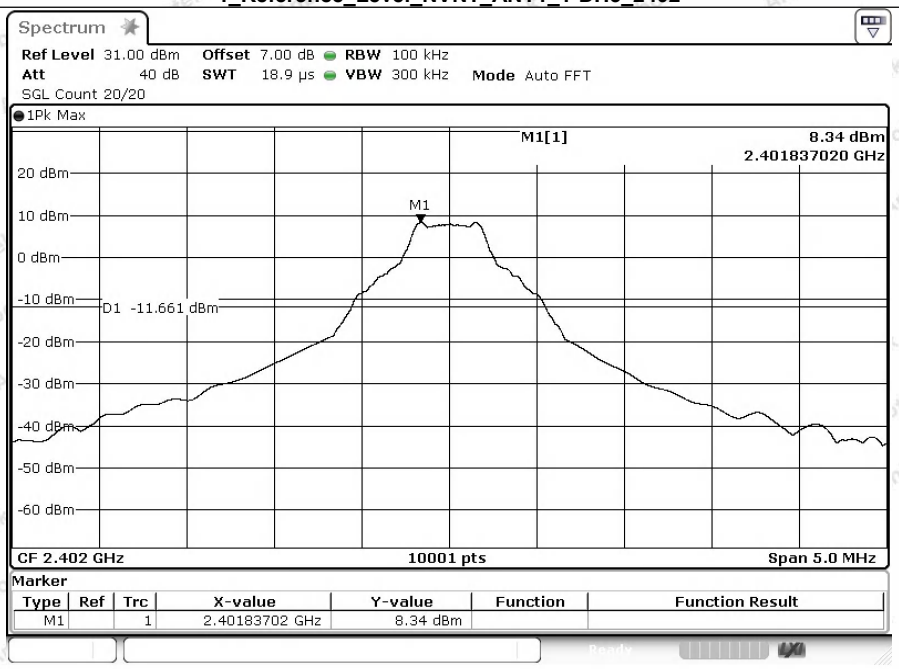
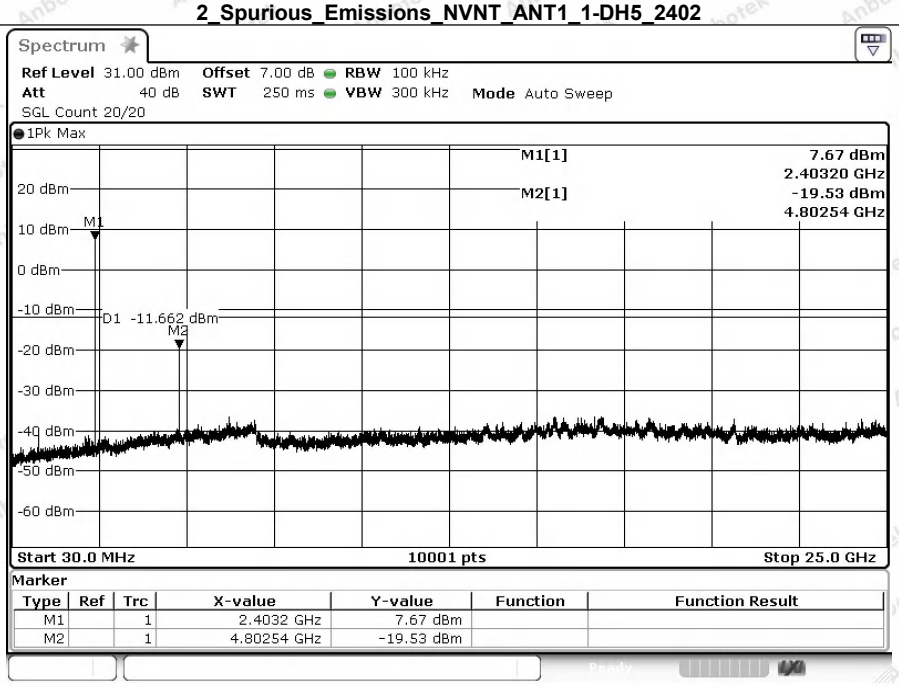
Peak_Output_Power_NVNT_ANT1_3-DH5_2480



5. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-19.533	-11.662	Pass
NVNT	ANT1	1-DH5	2441.00	-27.372	-15.019	Pass
NVNT	ANT1	1-DH5	2480.00	-32.441	-18.293	Pass
NVNT	ANT1	2-DH5	2402.00	-23.123	-11.459	Pass
NVNT	ANT1	2-DH5	2441.00	-29.256	-14.939	Pass
NVNT	ANT1	2-DH5	2480.00	-32.942	-18.168	Pass
NVNT	ANT1	3-DH5	2402.00	-27.847	-11.467	Pass
NVNT	ANT1	3-DH5	2441.00	-31.547	-14.868	Pass
NVNT	ANT1	3-DH5	2480.00	-30.569	-18.314	Pass

1_Reference_Level_NVNT_ANT1_1-DH5_2402



2_Spurious_Emissions_NVNT_ANT1_1-DH5_2402