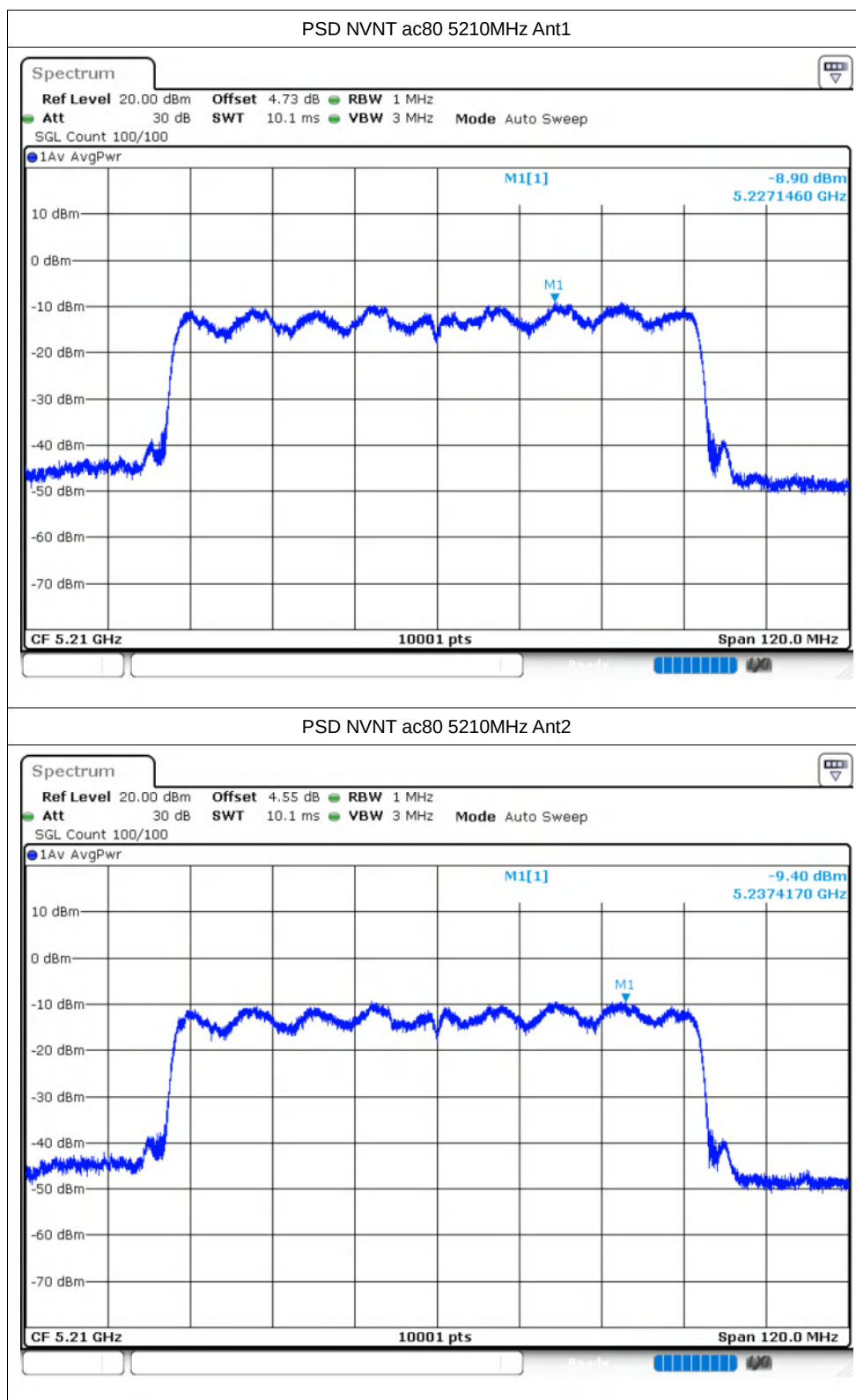


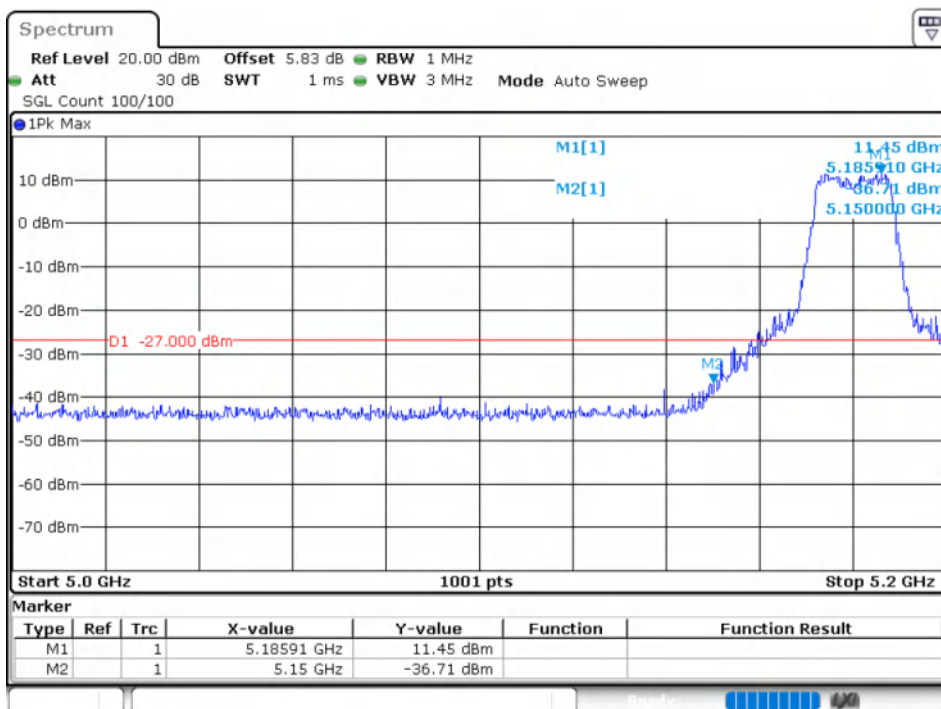


Band Edge

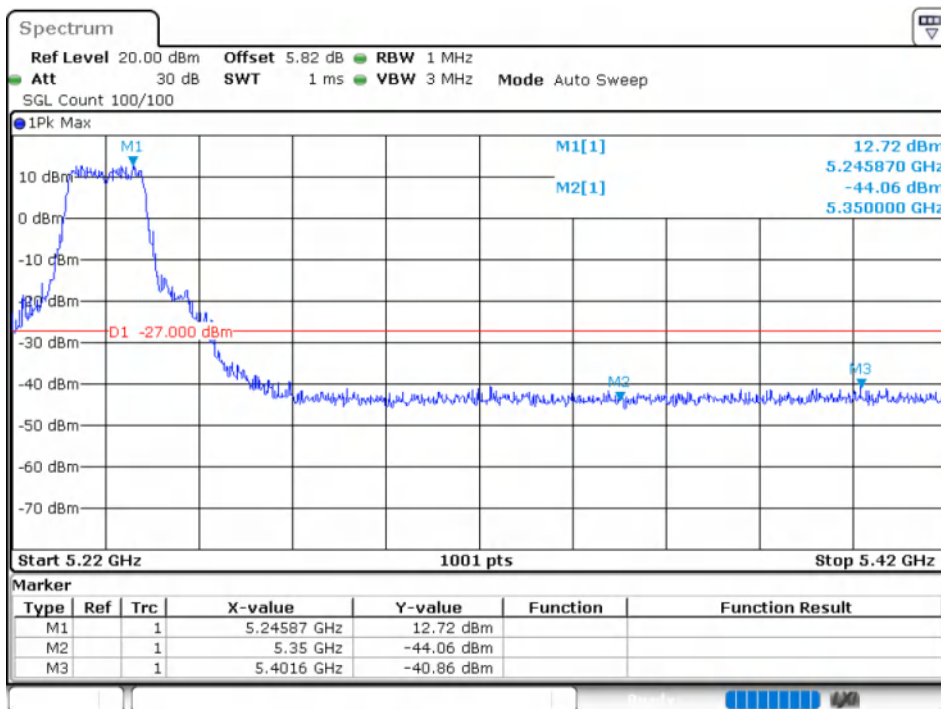
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-36.71	-27	Pass
NVNT	a	5240	Ant1	-40.86	-27	Pass
NVNT	a	5180	Ant2	-33.06	-27	Pass
NVNT	a	5240	Ant2	-40.25	-27	Pass
NVNT	n20	5180	Ant1	-35.95	-27	Pass
NVNT	n20	5240	Ant1	-41.32	-27	Pass
NVNT	n20	5180	Ant2	-37.44	-27	Pass
NVNT	n20	5240	Ant2	-40.5	-27	Pass
NVNT	n40	5190	Ant1	-27.49	-27	Pass
NVNT	n40	5230	Ant1	-39.82	-27	Pass
NVNT	n40	5190	Ant2	-30.54	-27	Pass
NVNT	n40	5230	Ant2	-41.2	-27	Pass
NVNT	ac20	5180	Ant1	-37.55	-27	Pass
NVNT	ac20	5240	Ant1	-41.28	-27	Pass
NVNT	ac20	5180	Ant2	-34.76	-27	Pass
NVNT	ac20	5240	Ant2	-40.86	-27	Pass
NVNT	ac40	5190	Ant1	-29.25	-27	Pass
NVNT	ac40	5230	Ant1	-40.65	-27	Pass
NVNT	ac40	5190	Ant2	-29.06	-27	Pass
NVNT	ac40	5230	Ant2	-40.49	-27	Pass
NVNT	ac80	5210	Ant1	-40.75	-27	Pass
NVNT	ac80	5210	Ant1	-29.05	-27	Pass
NVNT	ac80	5210	Ant2	-40.53	-27	Pass
NVNT	ac80	5210	Ant2	-29.41	-27	Pass

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



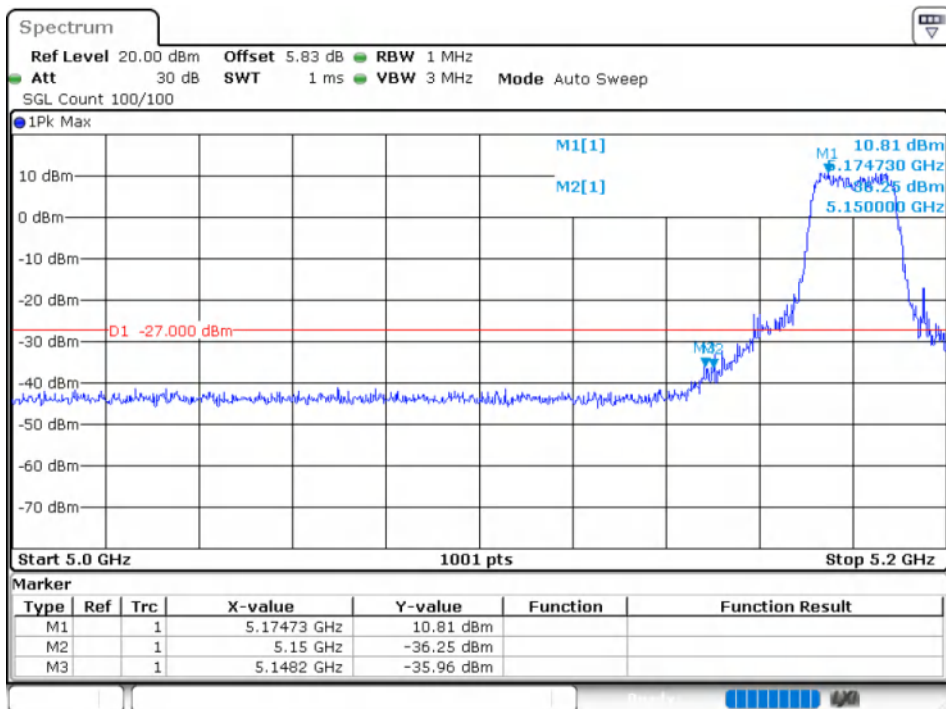
Band Edge NVNT a 5180MHz Low Ant2



Band Edge NVNT a 5240MHz High Ant2



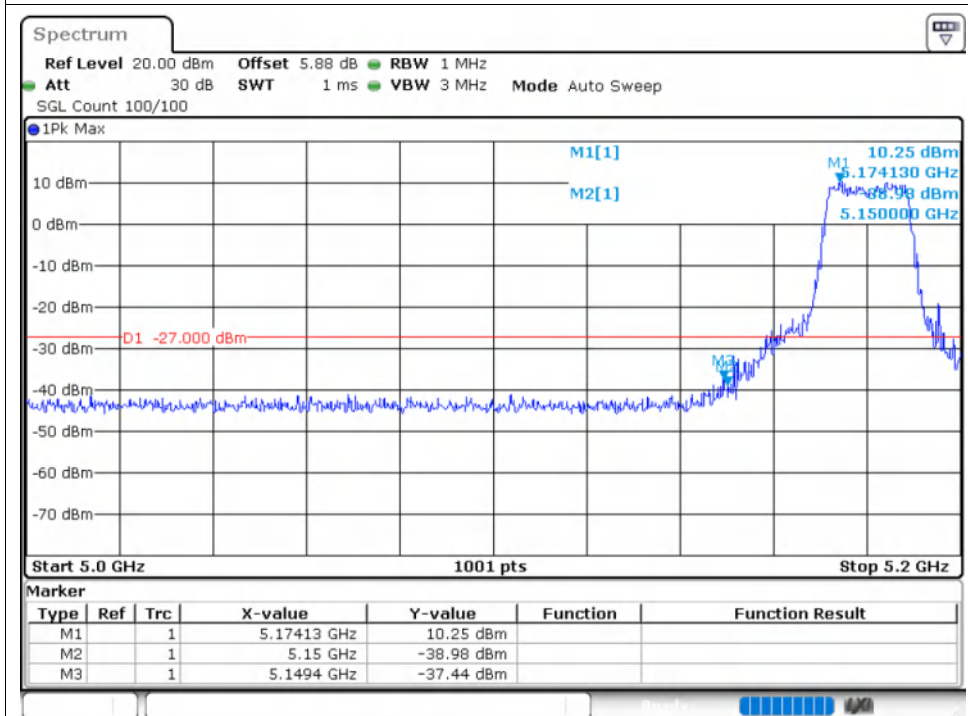
Band Edge NVNT n20 5180MHz Low Ant1



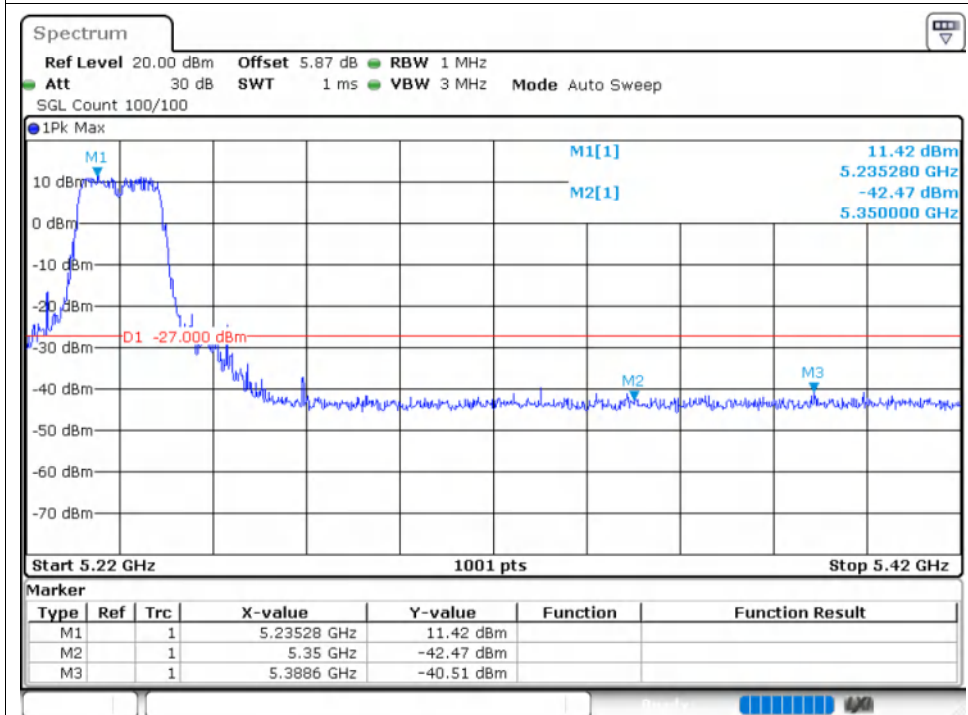
Band Edge NVNT n20 5240MHz High Ant1



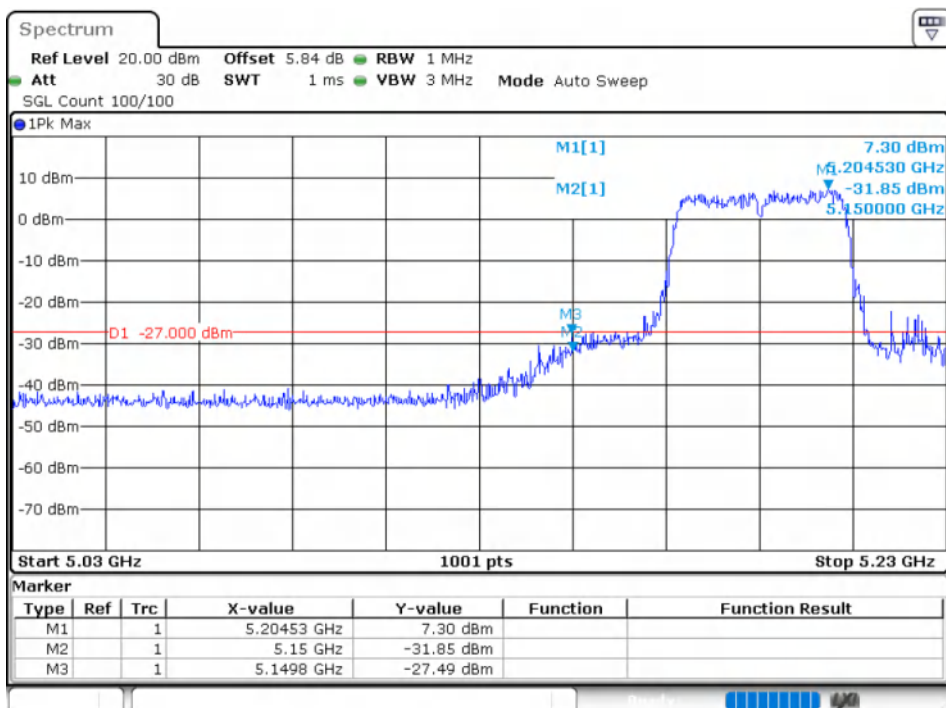
Band Edge NVNT n20 5180MHz Low Ant2



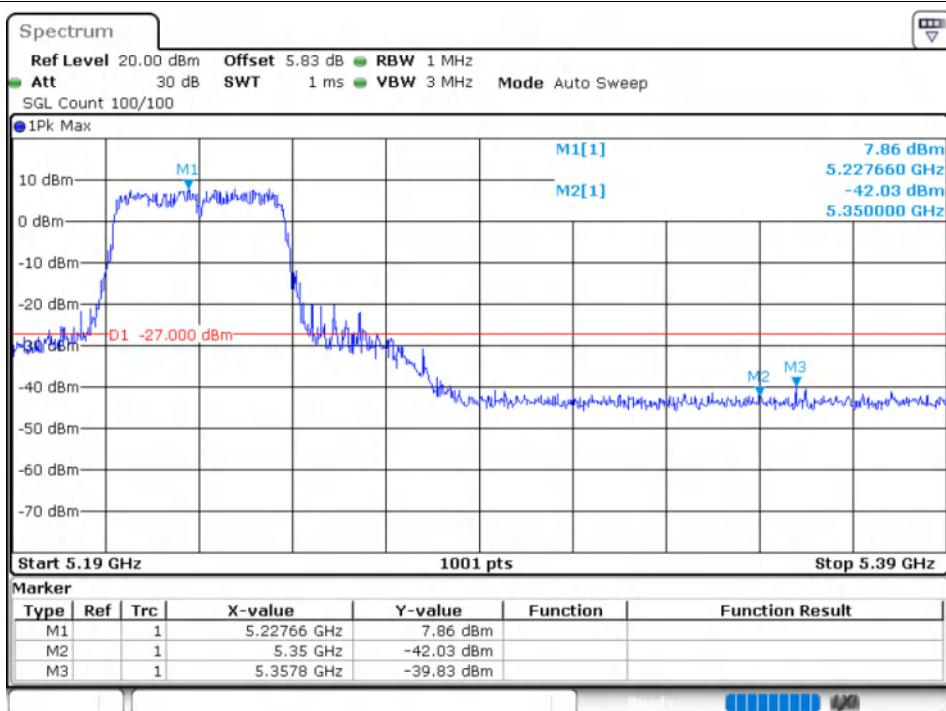
Band Edge NVNT n20 5240MHz High Ant2



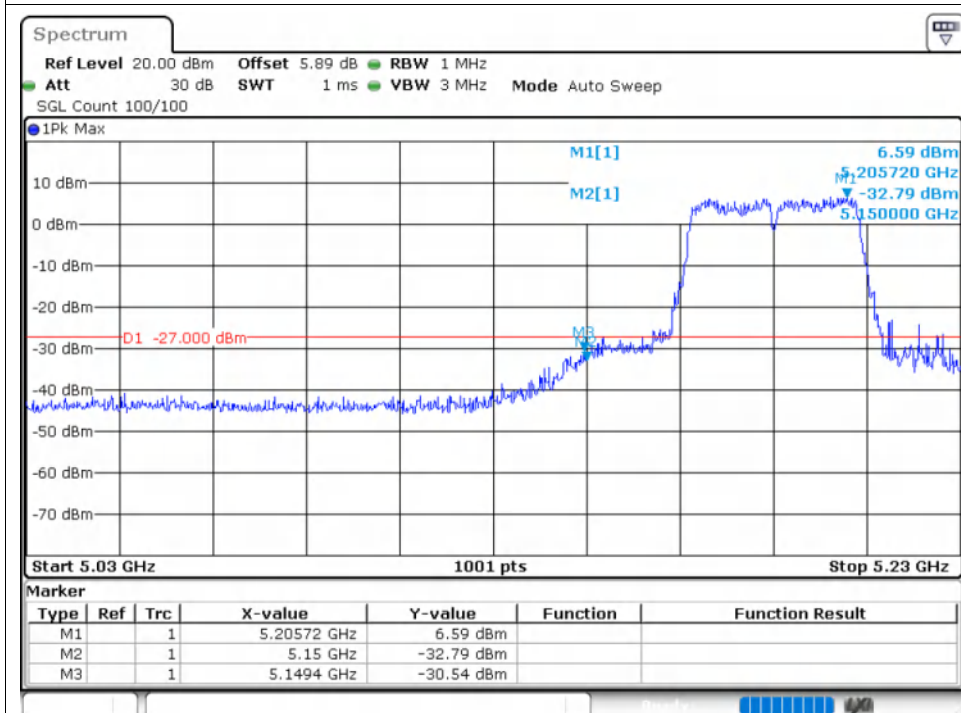
Band Edge NVNT n40 5190MHz Low Ant1



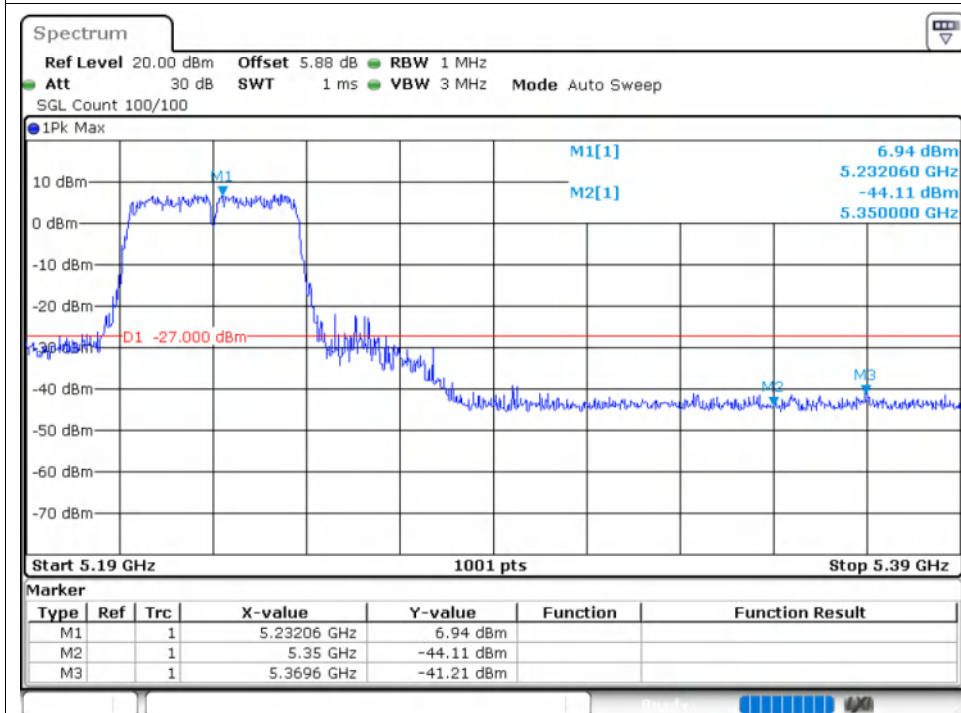
Band Edge NVNT n40 5230MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant2



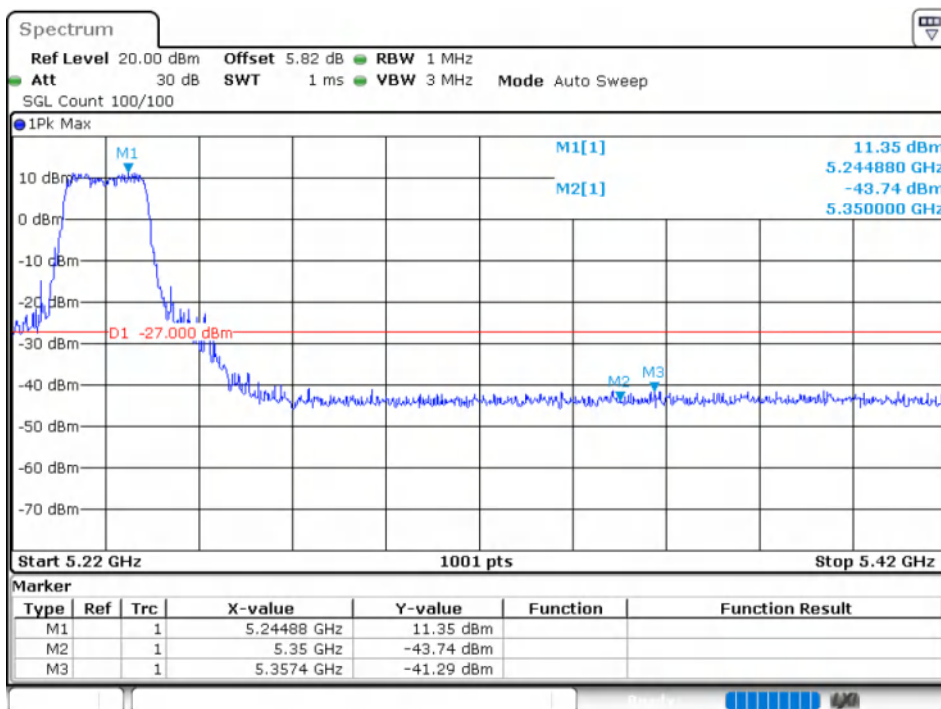
Band Edge NVNT n40 5230MHz High Ant2



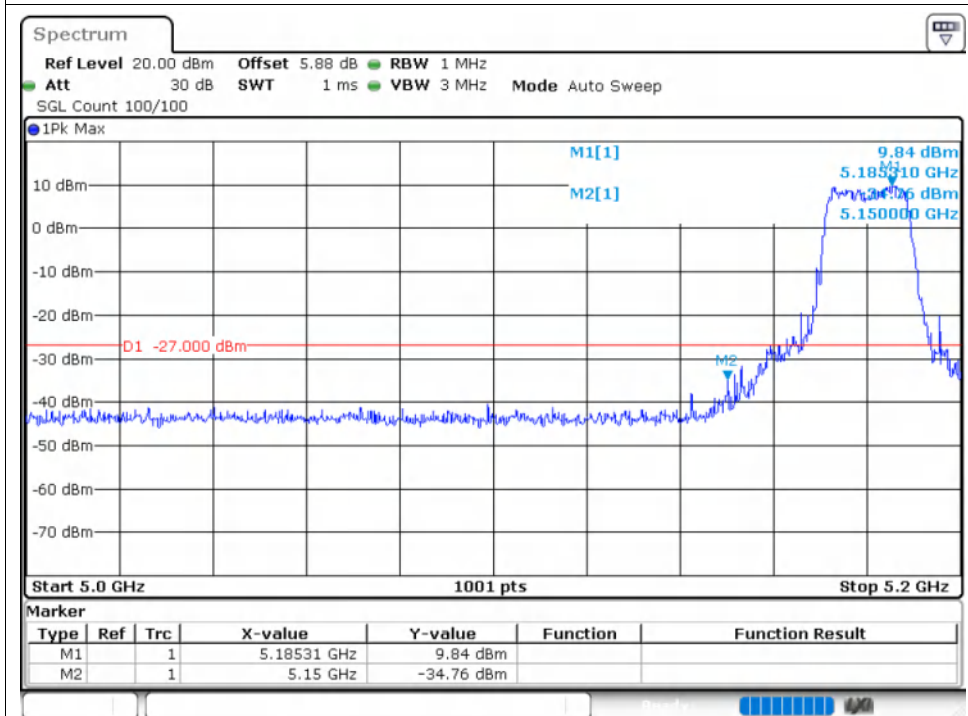
Band Edge NVNT ac20 5180MHz Low Ant1



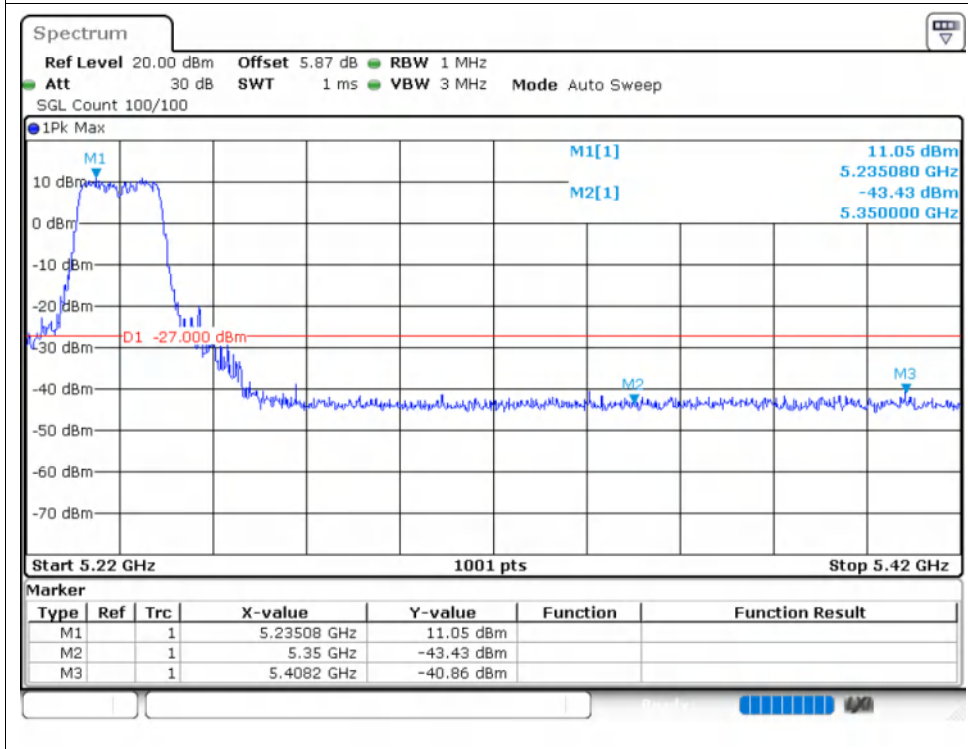
Band Edge NVNT ac20 5240MHz High Ant1



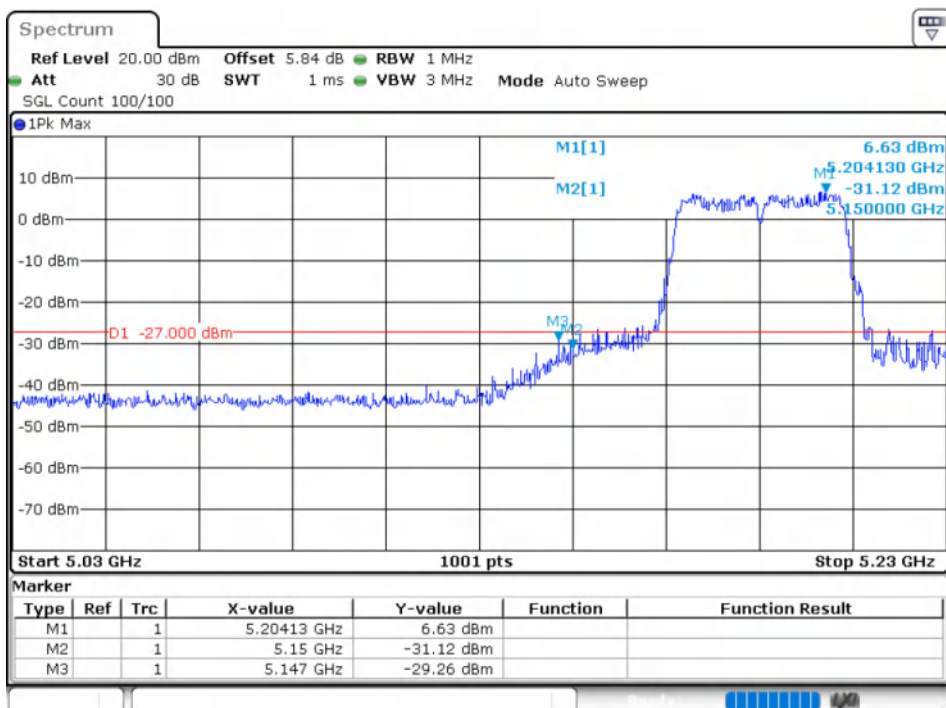
Band Edge NVNT ac20 5180MHz Low Ant2



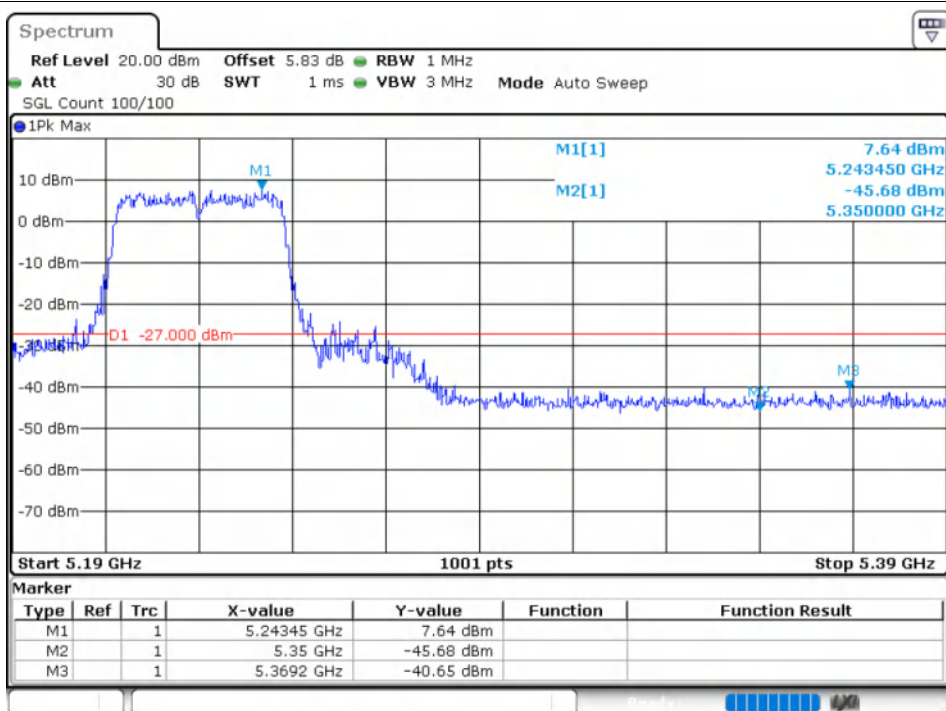
Band Edge NVNT ac20 5240MHz High Ant2



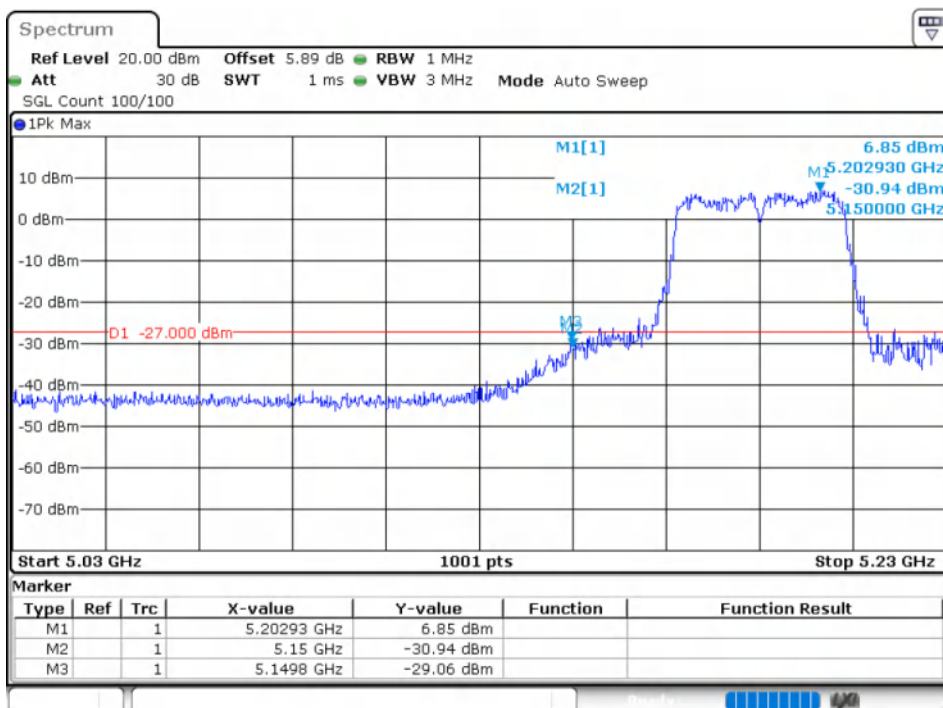
Band Edge NVNT ac40 5190MHz Low Ant1



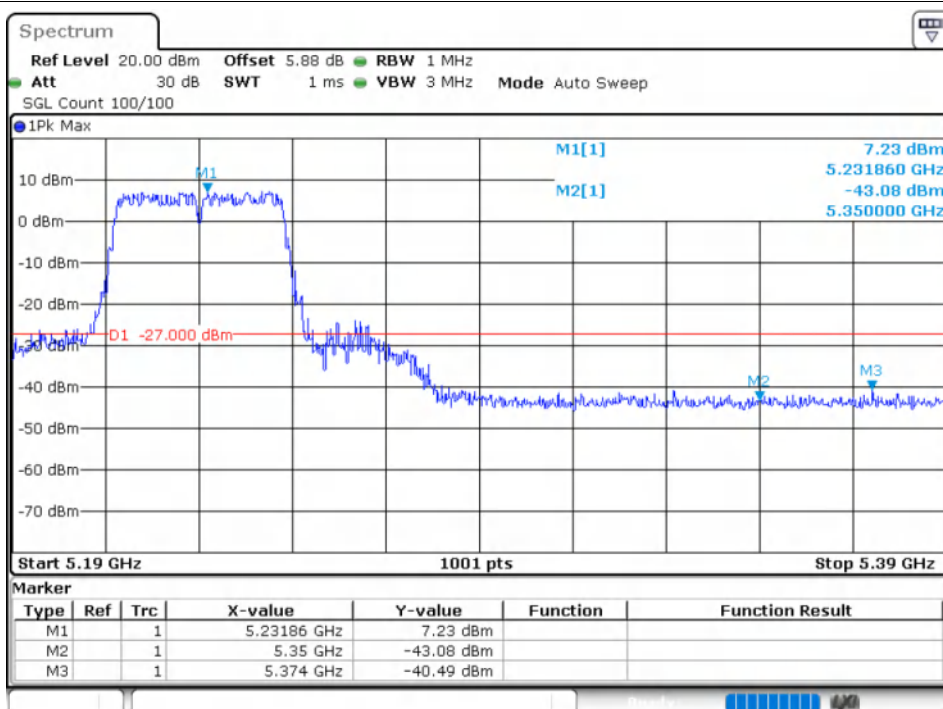
Band Edge NVNT ac40 5230MHz High Ant1



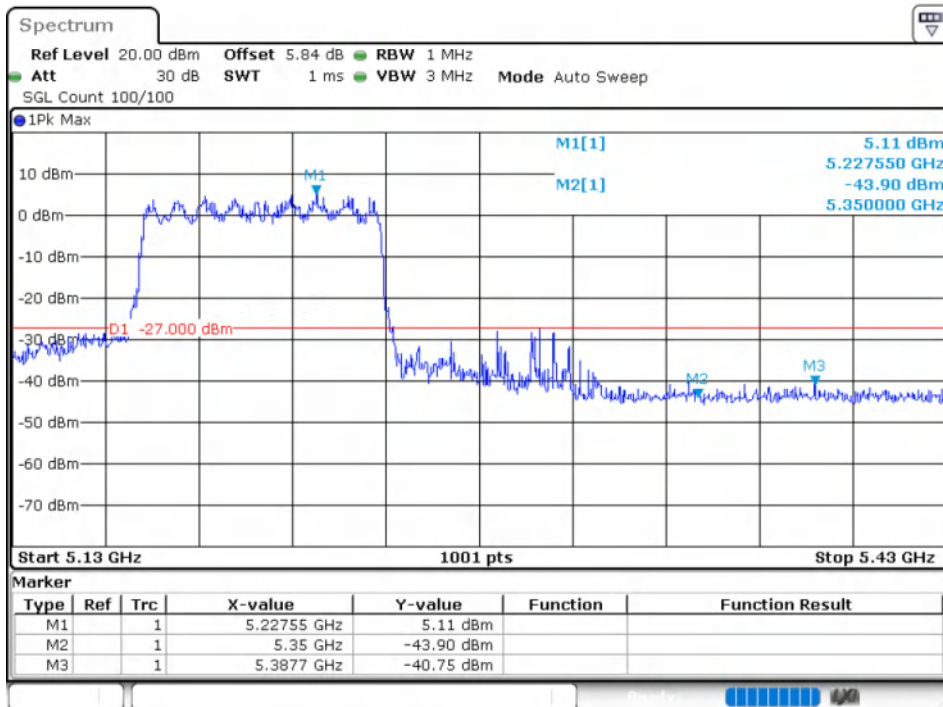
Band Edge NVNT ac40 5190MHz Low Ant2



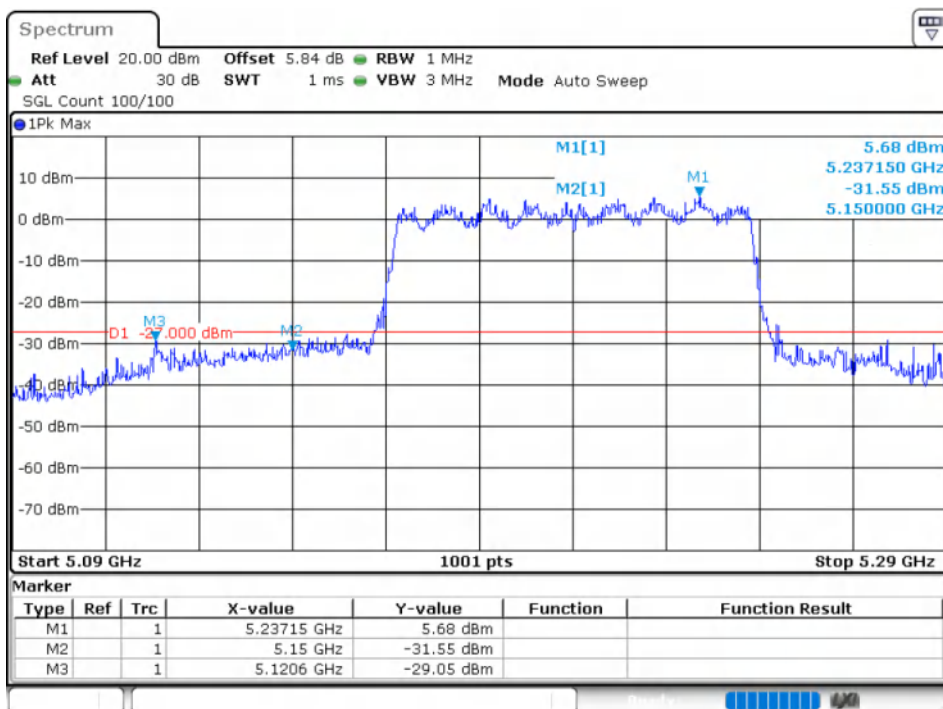
Band Edge NVNT ac40 5230MHz High Ant2



Band Edge NVNT ac80 5210MHz High Ant1



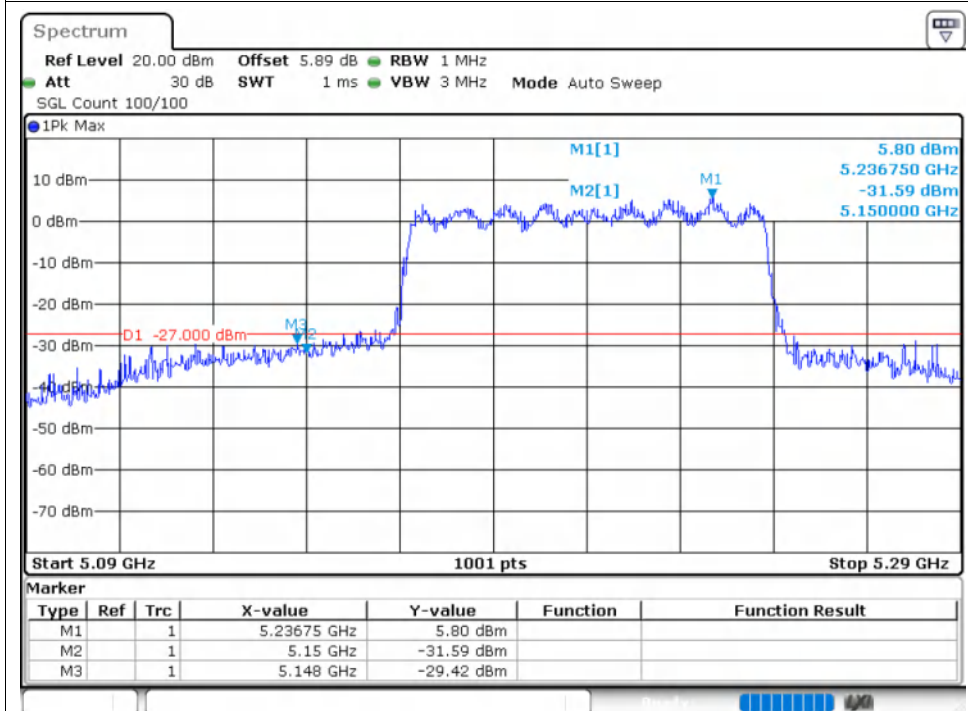
Band Edge NVNT ac80 5210MHz Low Ant1



Band Edge NVNT ac80 5210MHz High Ant2



Band Edge NVNT ac80 5210MHz Low Ant2

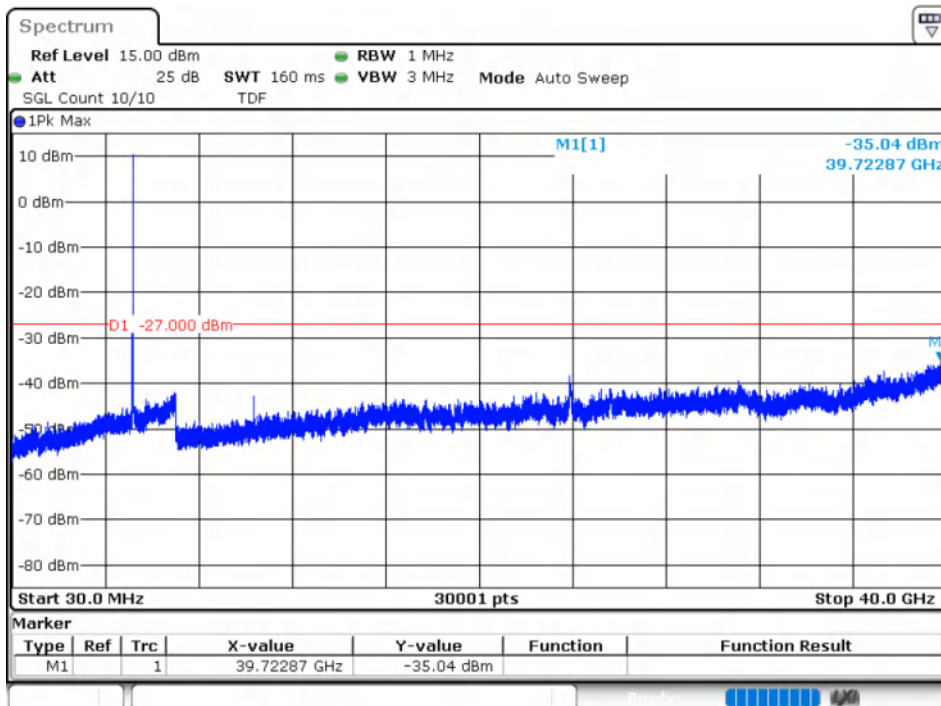


Conducted RF Spurious Emission

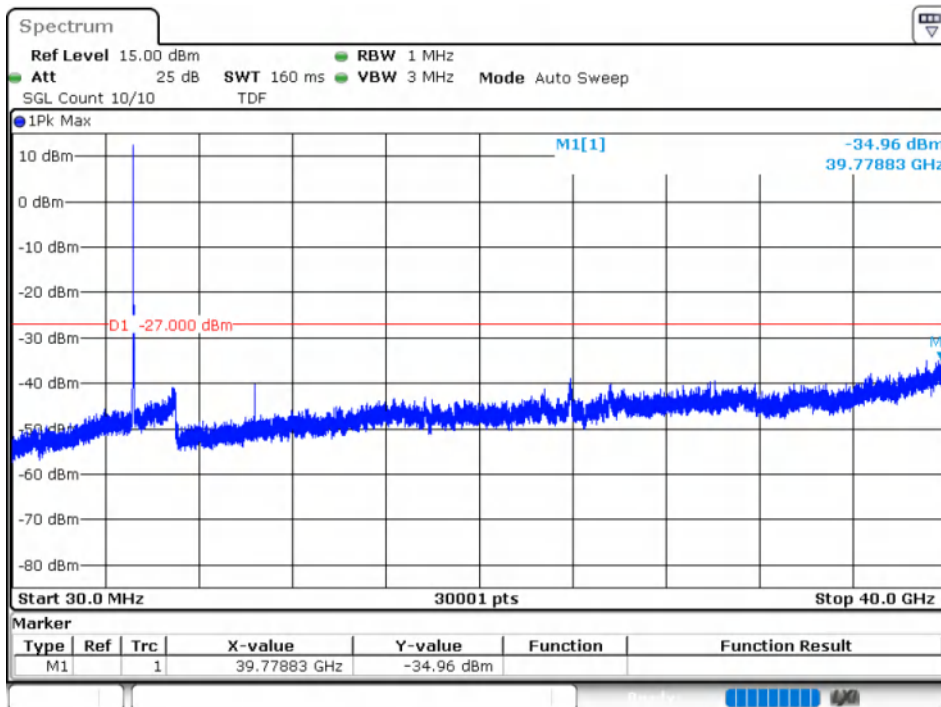
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-35.04	-27	Pass
NVNT	a	5200	Ant1	-34.96	-27	Pass
NVNT	a	5240	Ant1	-35.15	-27	Pass
NVNT	a	5180	Ant2	-34.93	-27	Pass
NVNT	a	5200	Ant2	-34.59	-27	Pass
NVNT	a	5240	Ant2	-35.04	-27	Pass
NVNT	n20	5180	Ant1	-34.39	-27	Pass
NVNT	n20	5200	Ant1	-33.23	-27	Pass
NVNT	n20	5240	Ant1	-34.25	-27	Pass
NVNT	n20	5180	Ant2	-34.82	-27	Pass
NVNT	n20	5200	Ant2	-35.53	-27	Pass
NVNT	n20	5240	Ant2	-36.12	-27	Pass
NVNT	n40	5190	Ant1	-34.51	-27	Pass
NVNT	n40	5230	Ant1	-33.59	-27	Pass
NVNT	n40	5190	Ant2	-35.32	-27	Pass
NVNT	n40	5230	Ant2	-35.64	-27	Pass
NVNT	ac20	5180	Ant1	-34.61	-27	Pass
NVNT	ac20	5200	Ant1	-35	-27	Pass
NVNT	ac20	5240	Ant1	-34.55	-27	Pass
NVNT	ac20	5180	Ant2	-35.87	-27	Pass
NVNT	ac20	5200	Ant2	-34.59	-27	Pass
NVNT	ac20	5240	Ant2	-35.93	-27	Pass
NVNT	ac40	5190	Ant1	-35.46	-27	Pass
NVNT	ac40	5230	Ant1	-34.5	-27	Pass
NVNT	ac40	5190	Ant2	-34.71	-27	Pass
NVNT	ac40	5230	Ant2	-35.9	-27	Pass
NVNT	ac80	5210	Ant1	-34.16	-27	Pass
NVNT	ac80	5210	Ant2	-35.15	-27	Pass

Test Graphs

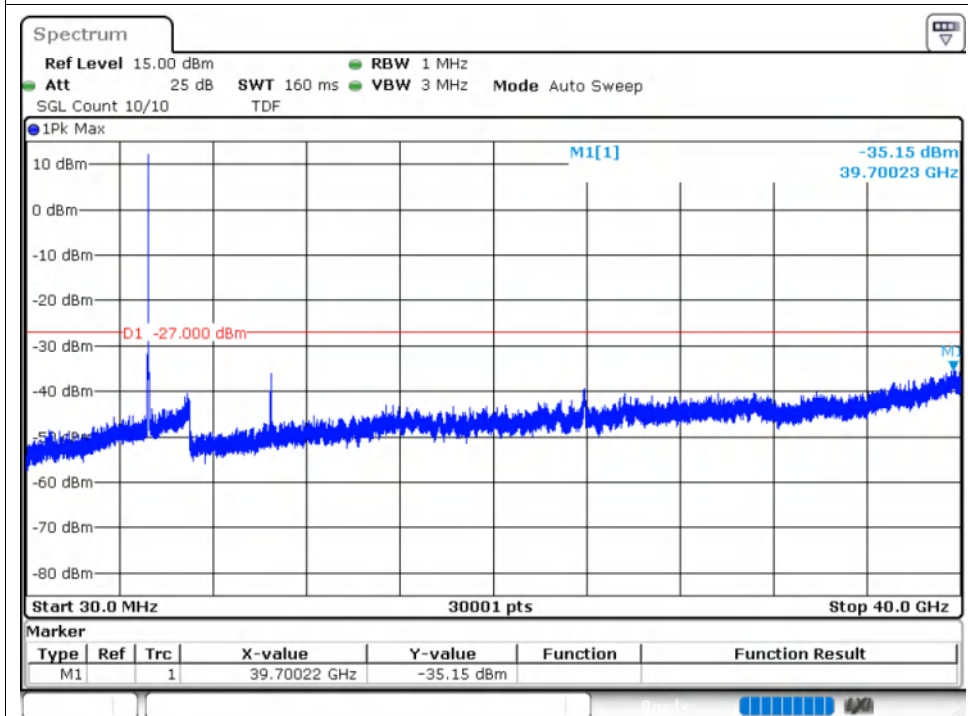
Tx. Spurious NVNT a 5180MHz Ant1 Emission



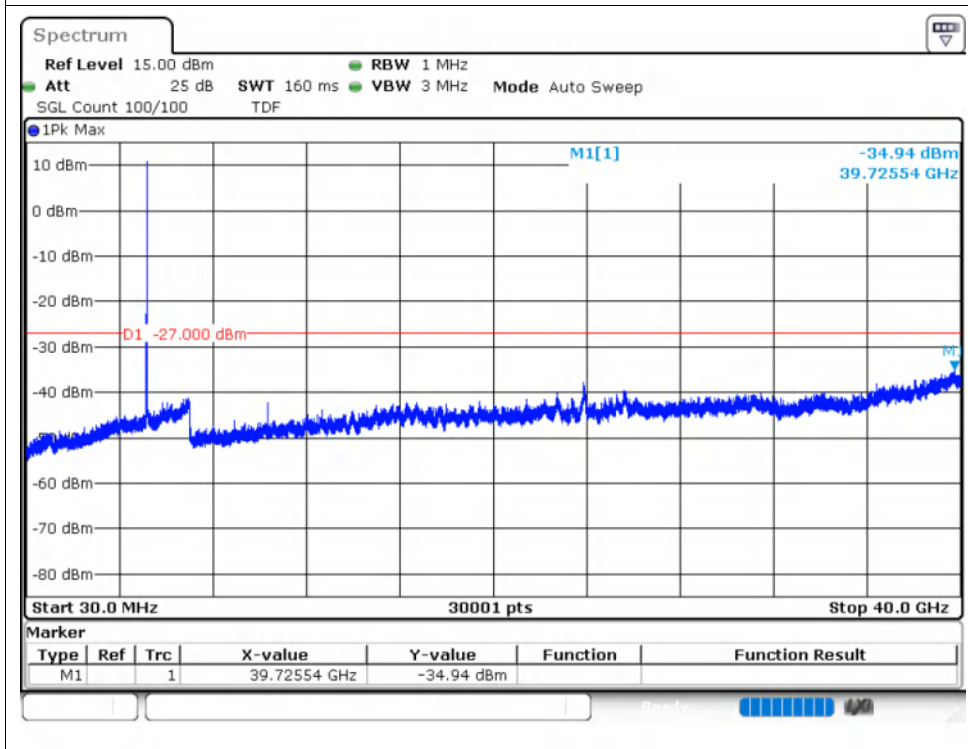
Tx. Spurious NVNT a 5200MHz Ant1 Emission



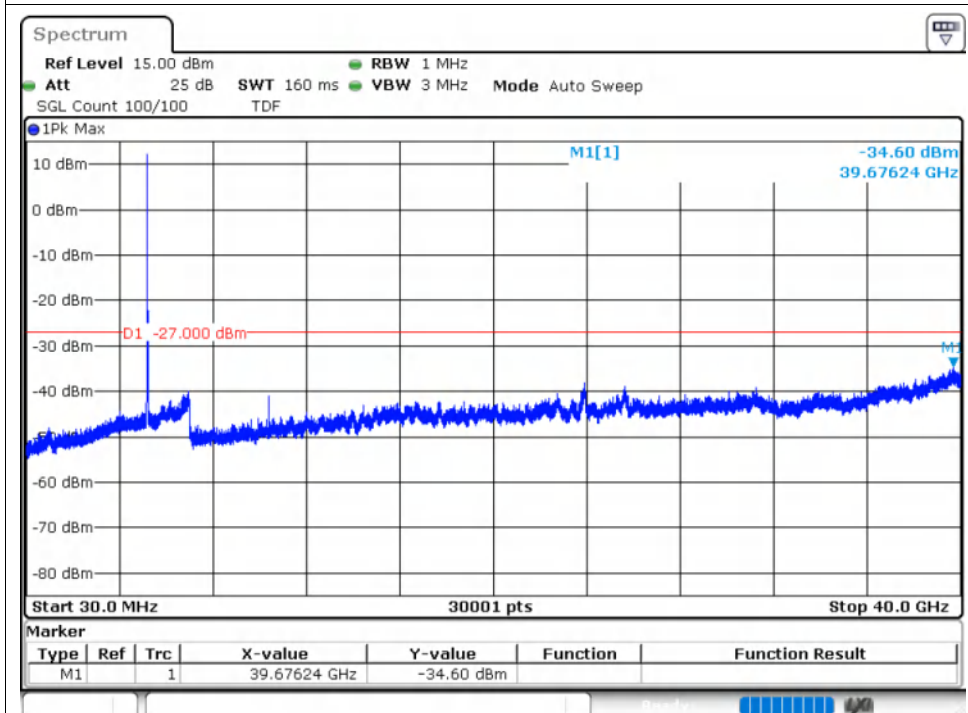
Tx. Spurious NVNT a 5240MHz Ant1 Emission



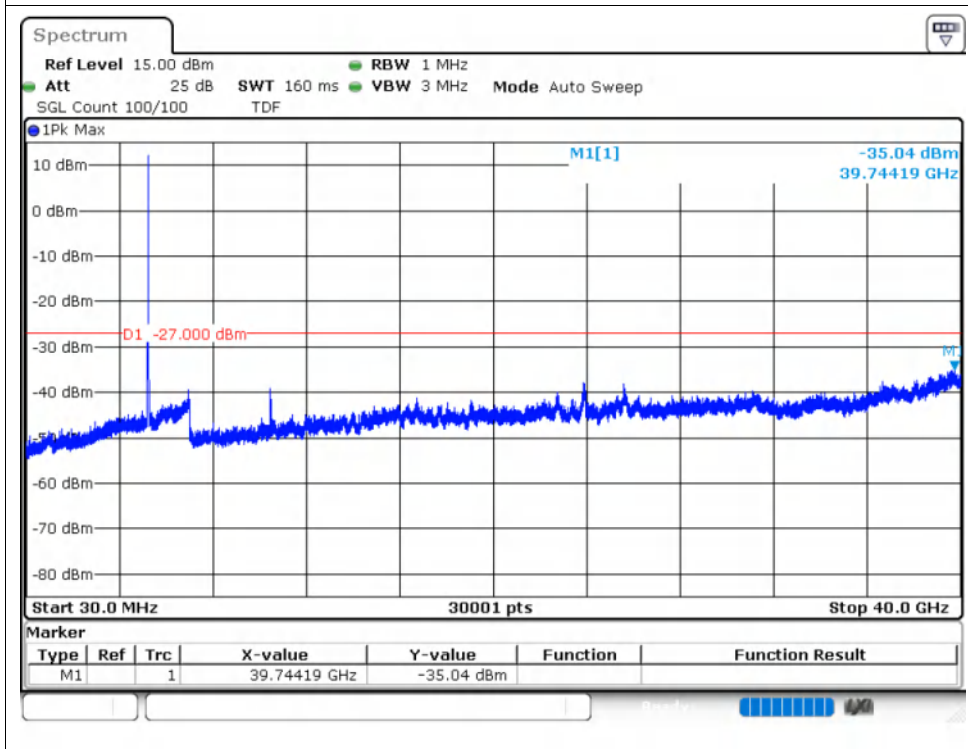
Tx. Spurious NVNT a 5180MHz Ant2 Emission



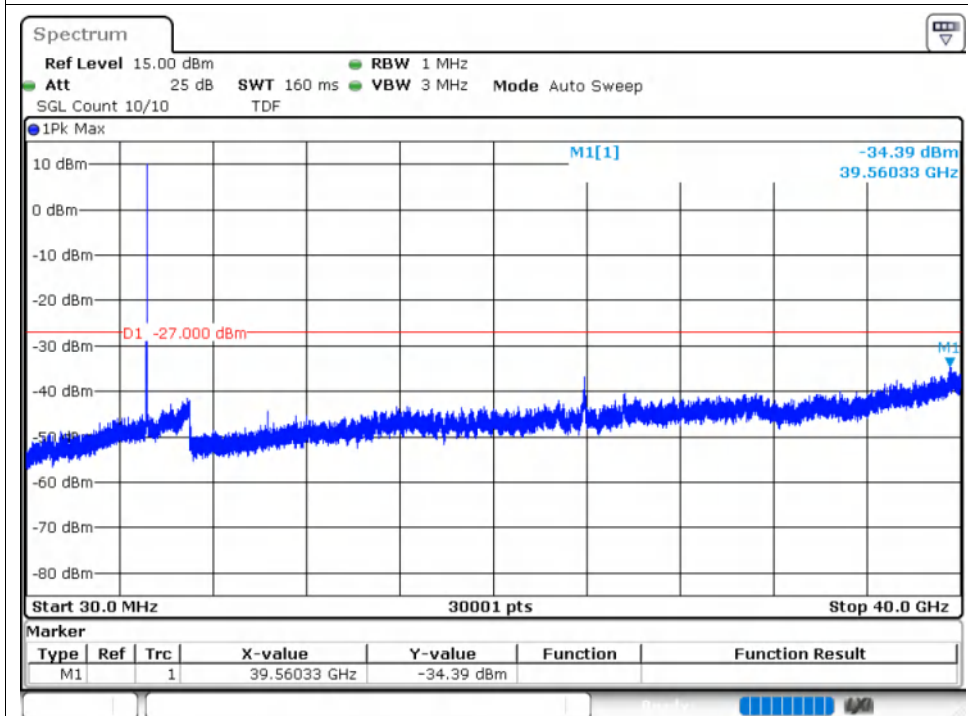
Tx. Spurious NVNT a 5200MHz Ant2 Emission



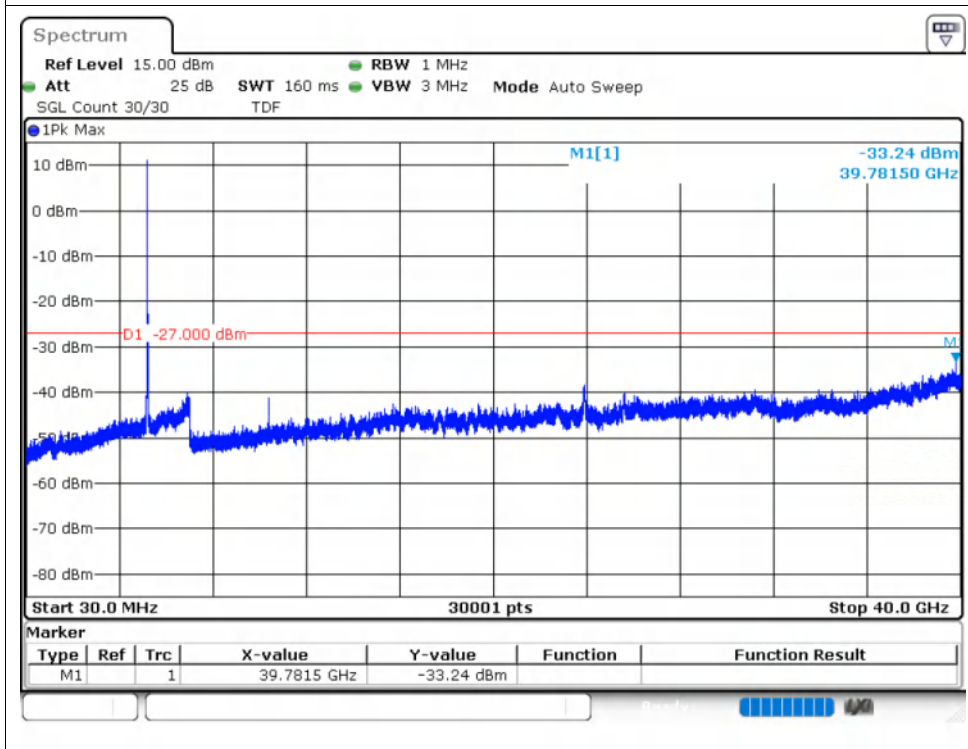
Tx. Spurious NVNT a 5240MHz Ant2 Emission



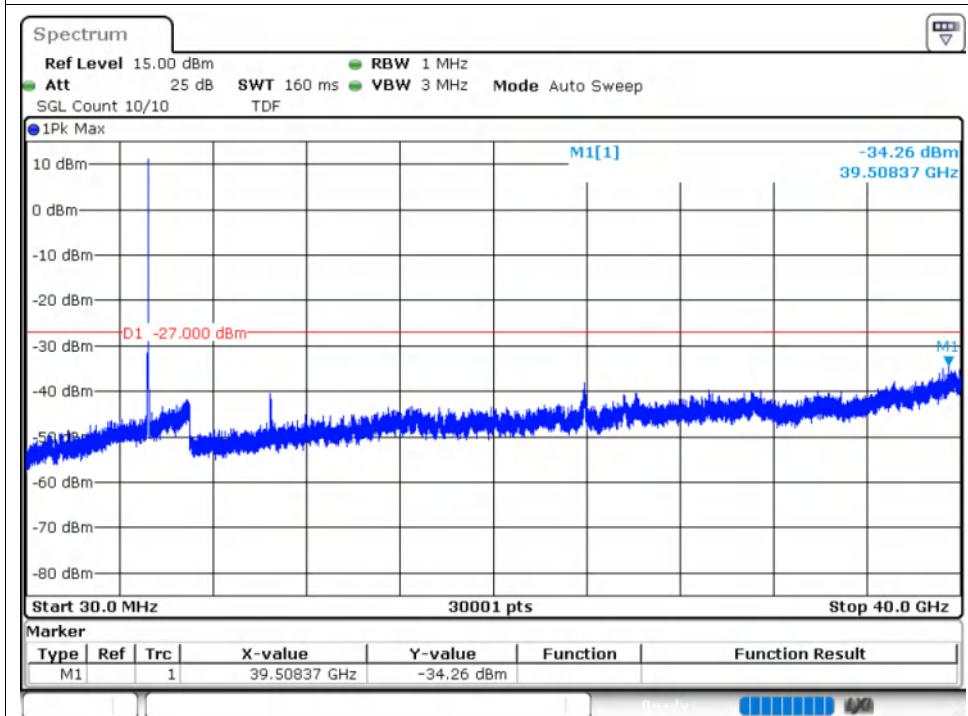
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



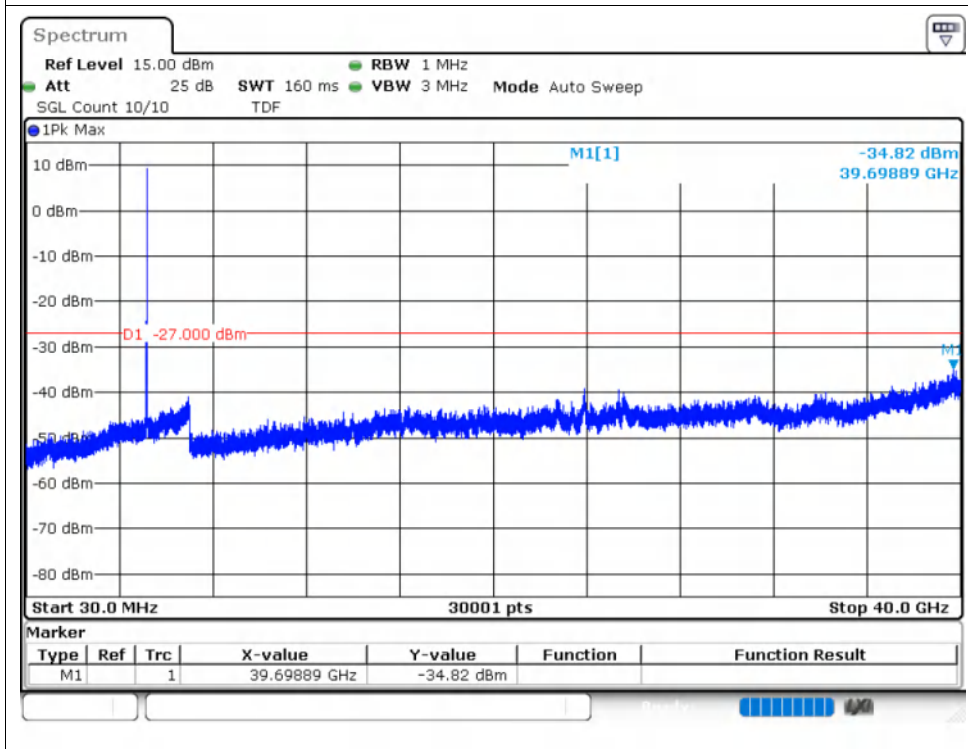
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



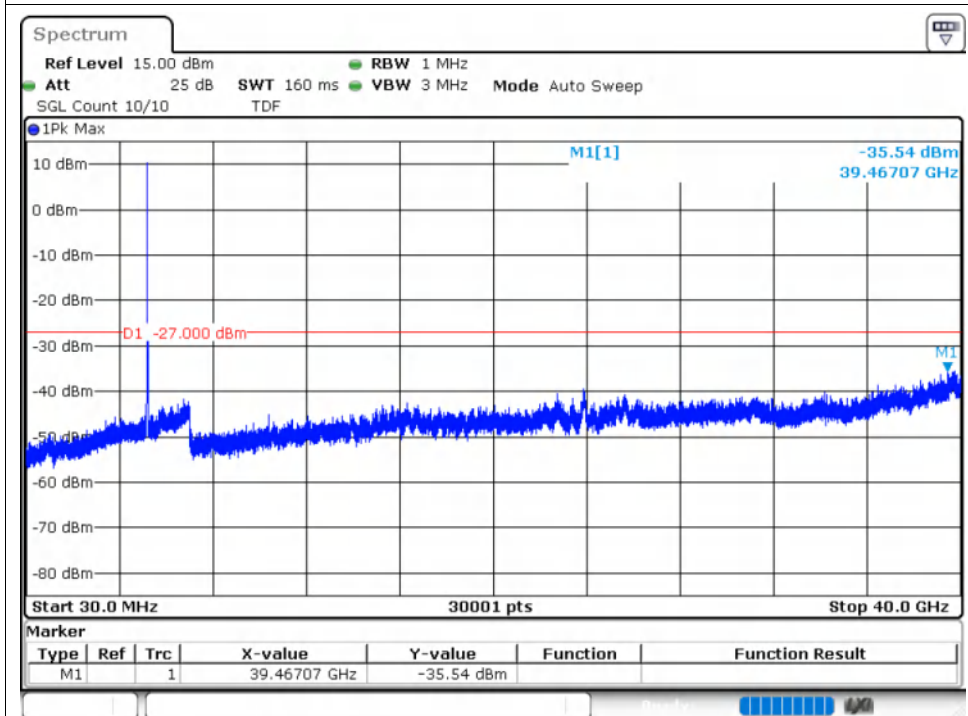
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



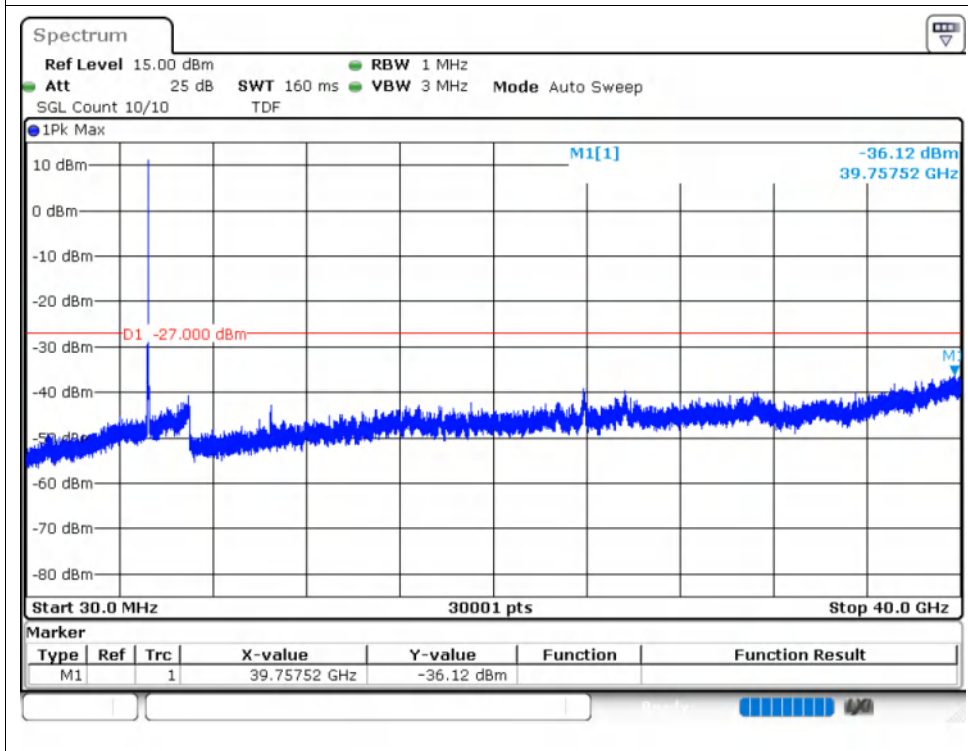
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



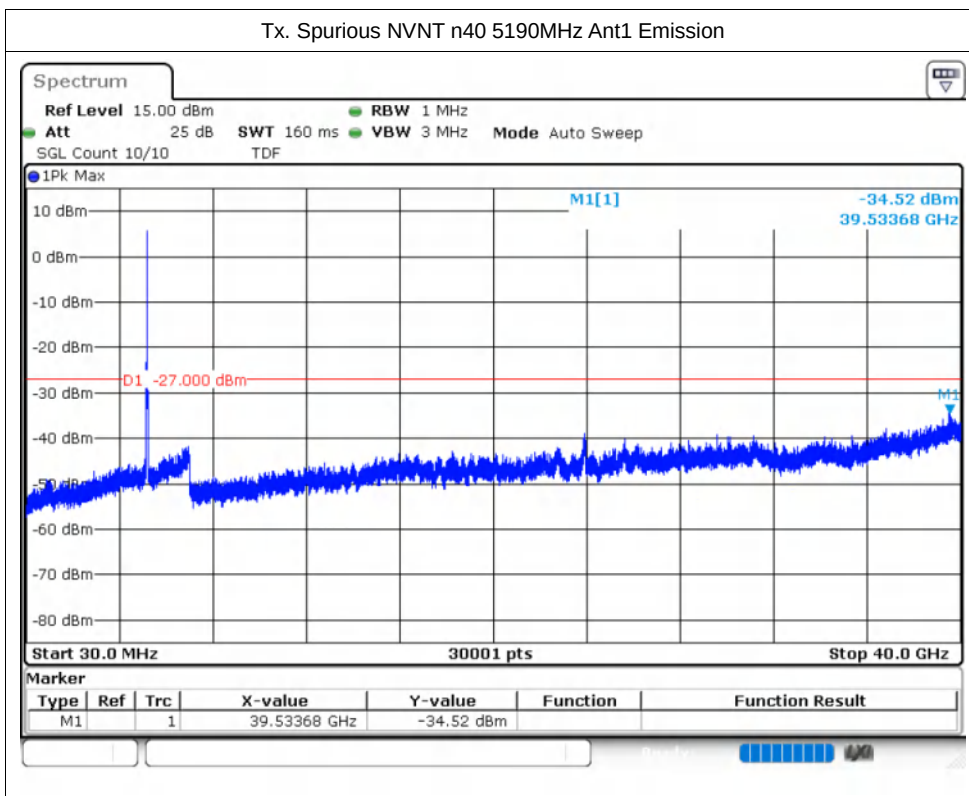
Tx. Spurious NVNT n20 5200MHz Ant2 Emission



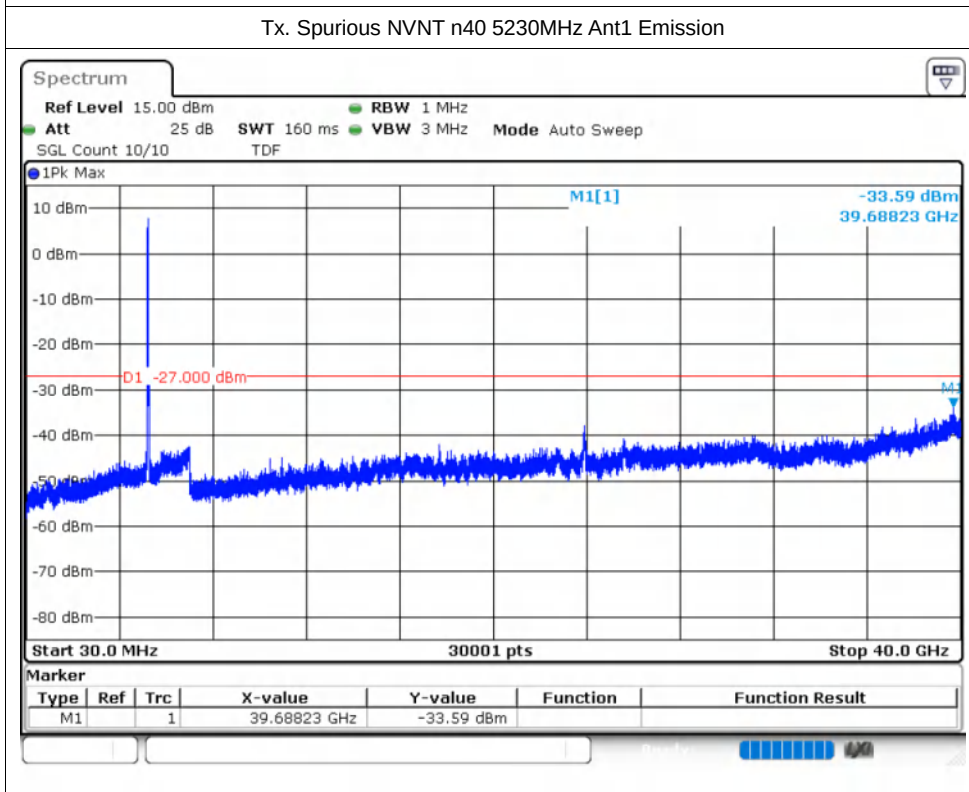
Tx. Spurious NVNT n20 5240MHz Ant2 Emission



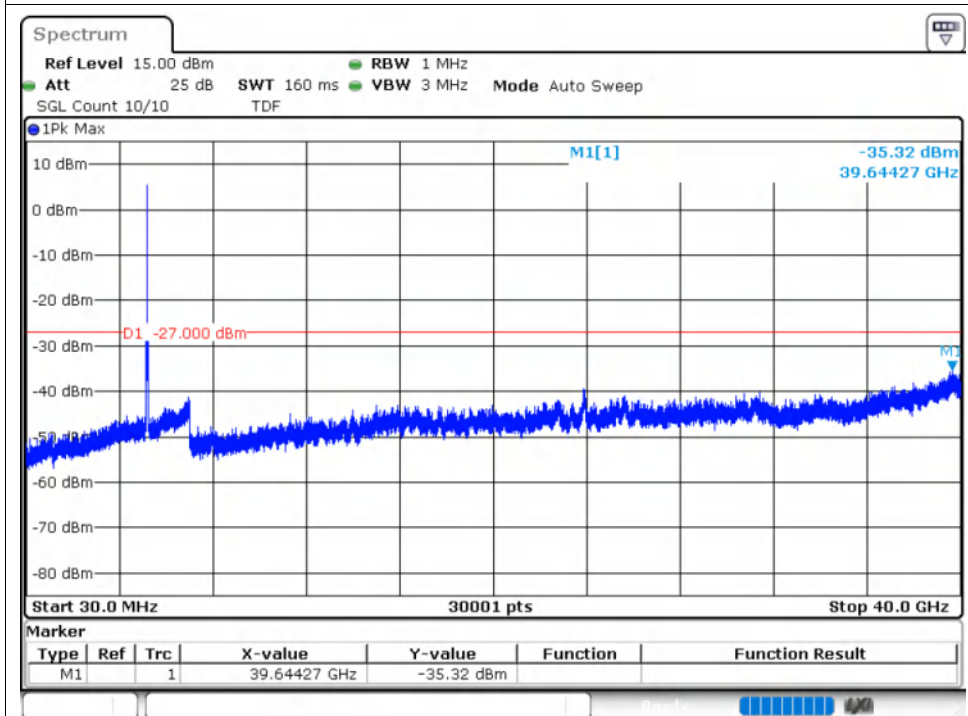
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



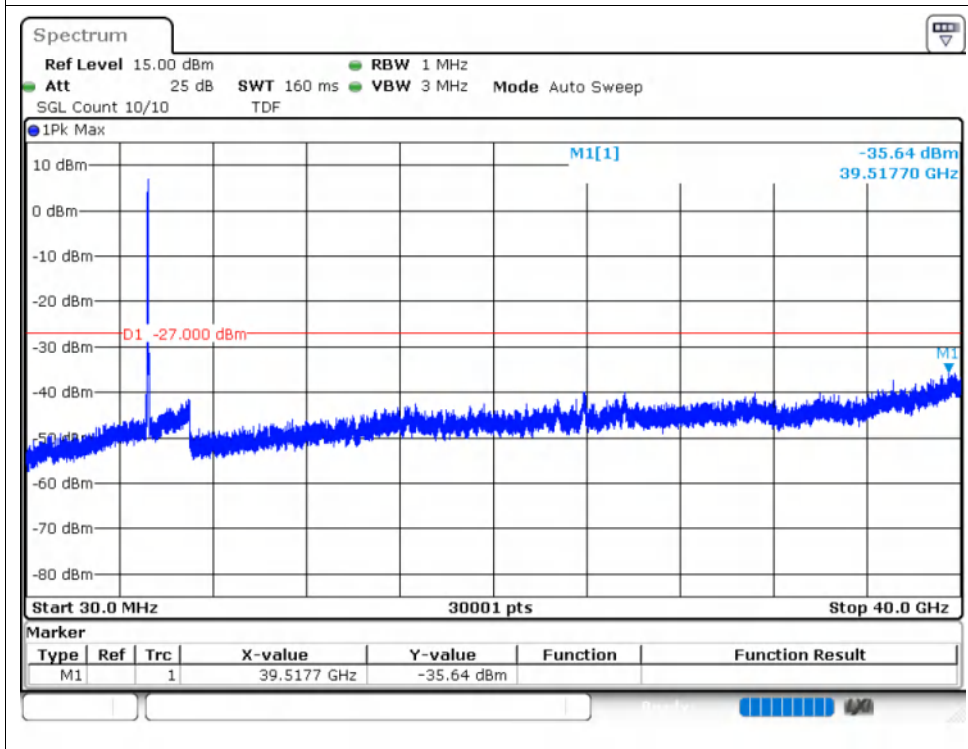
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



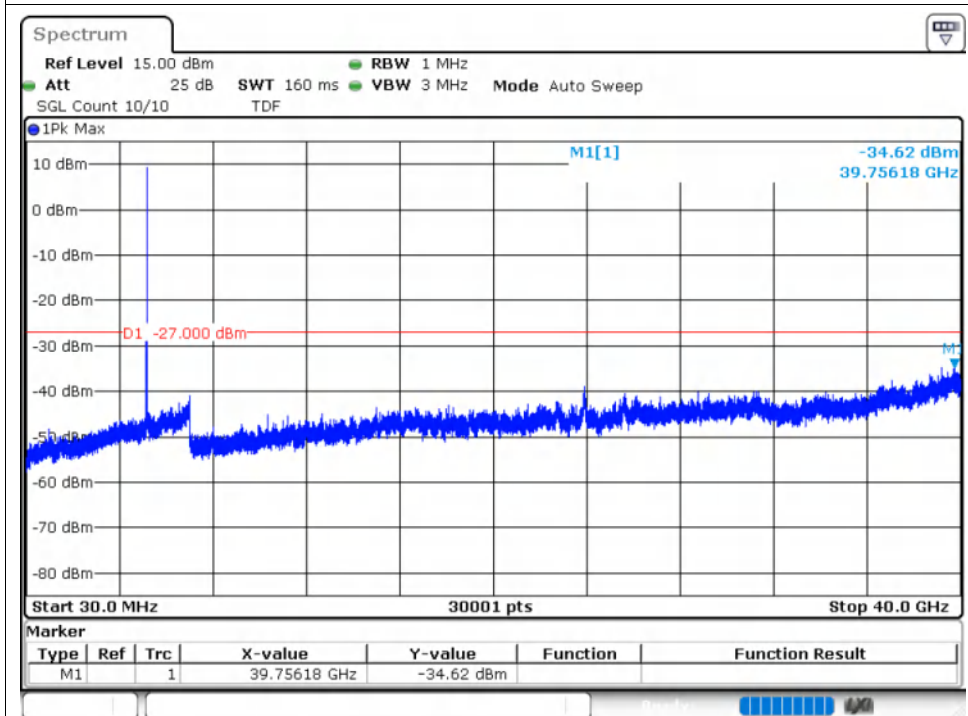
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



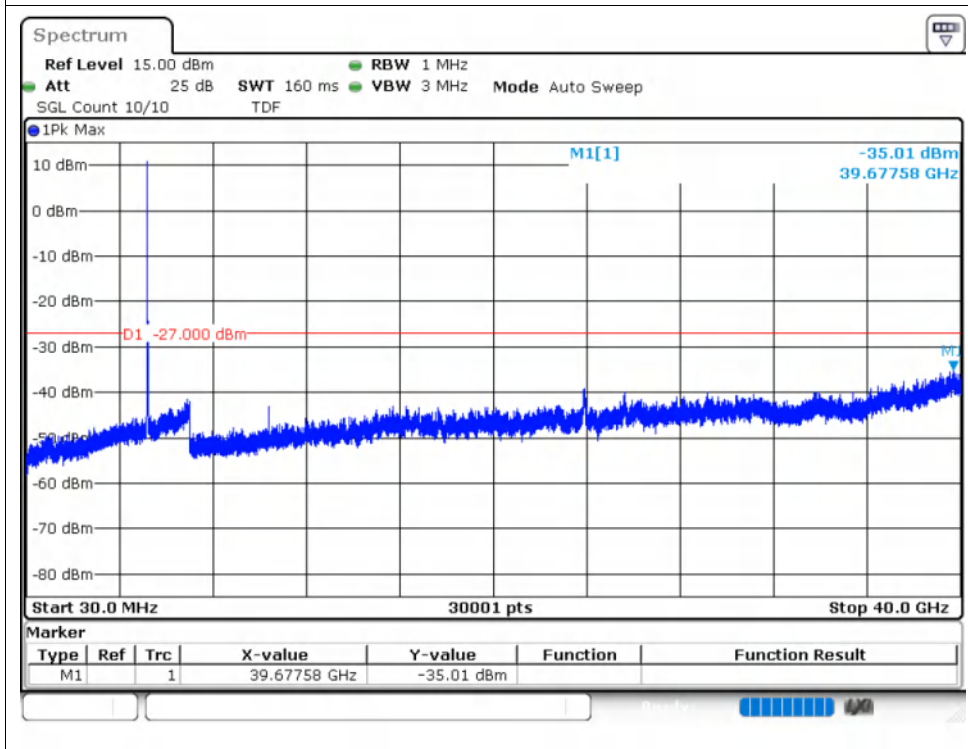
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



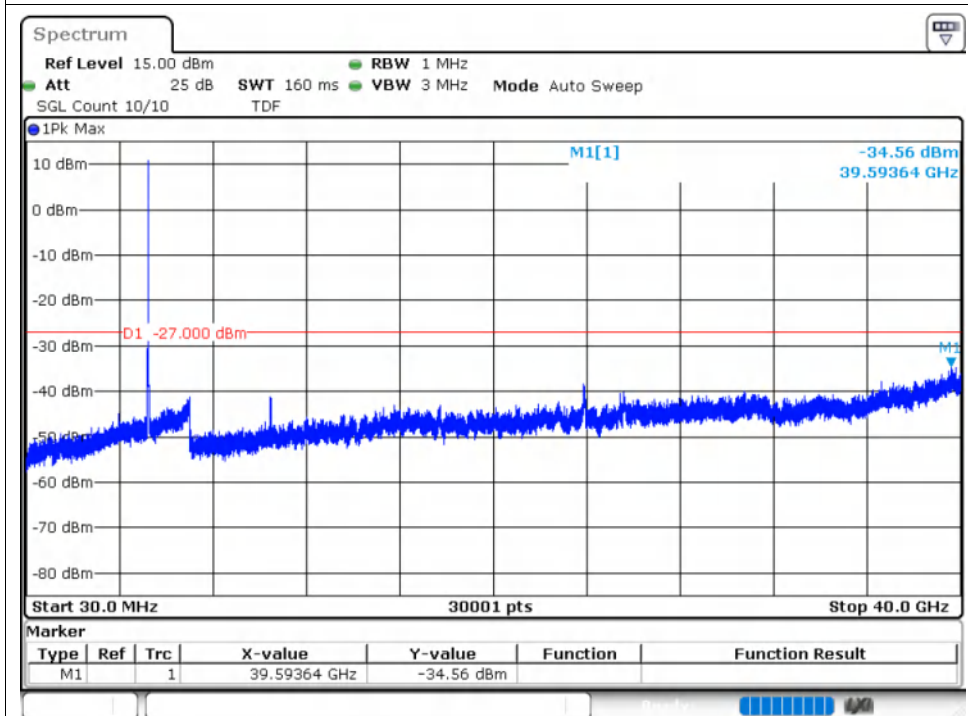
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



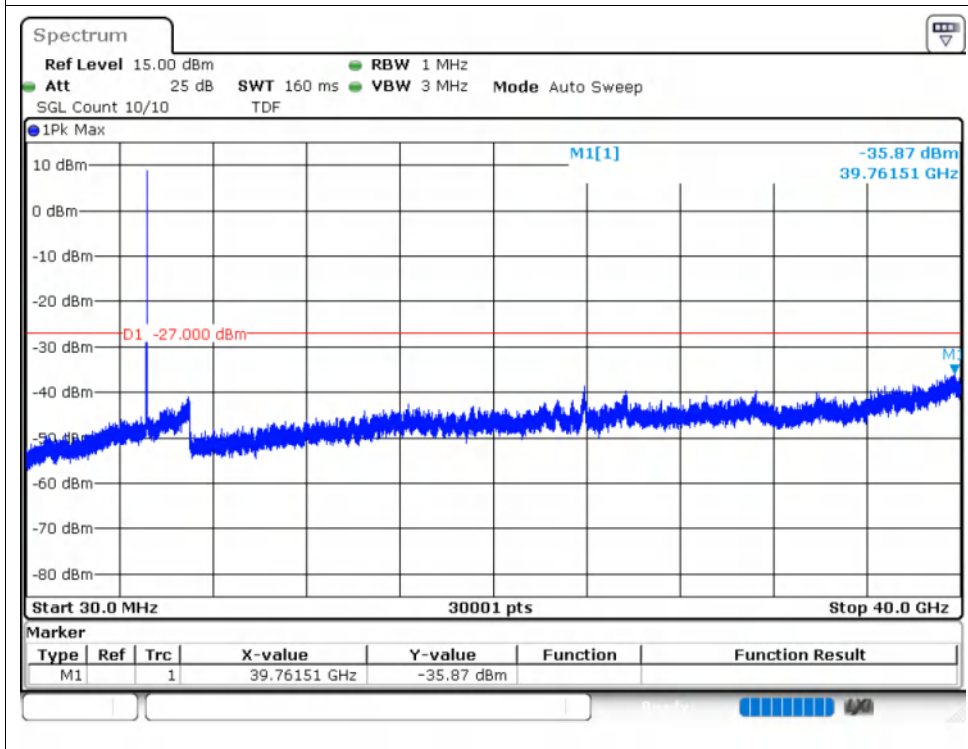
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



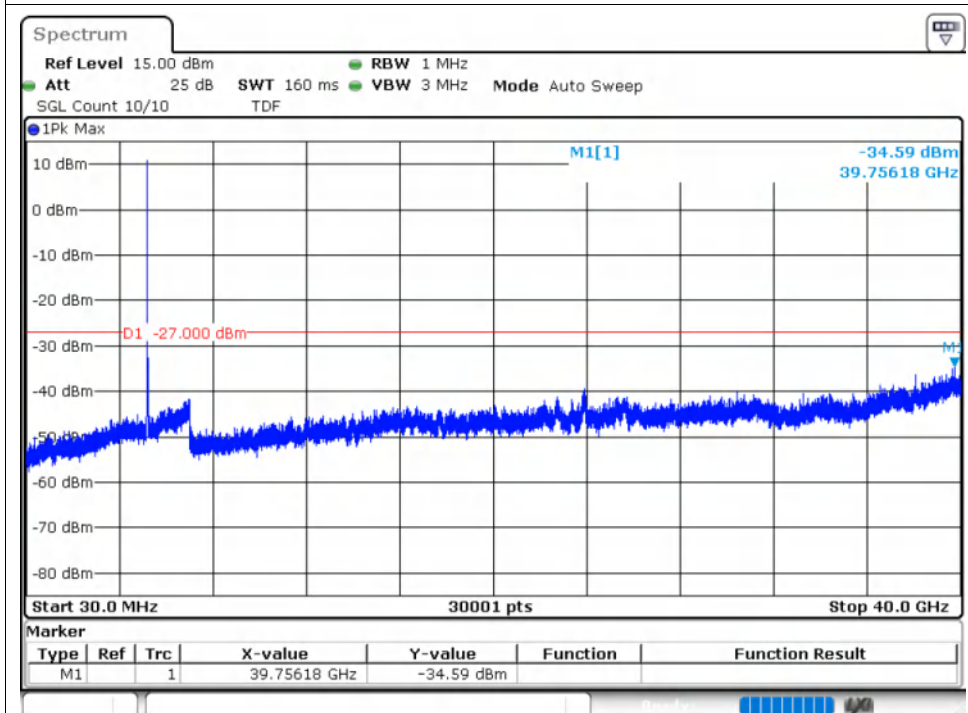
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



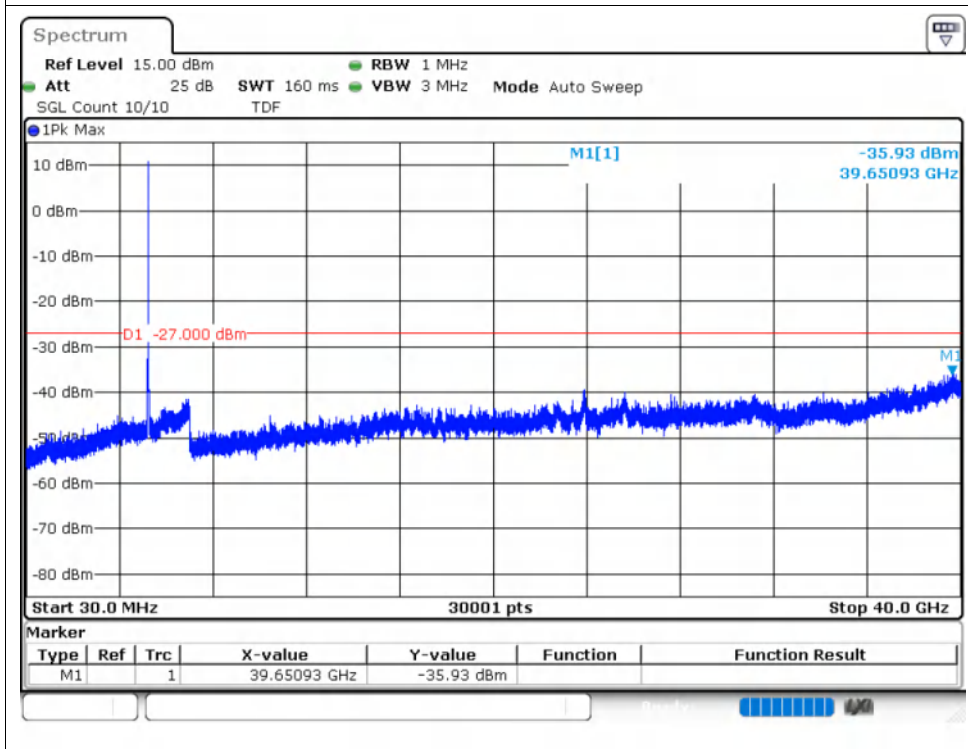
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



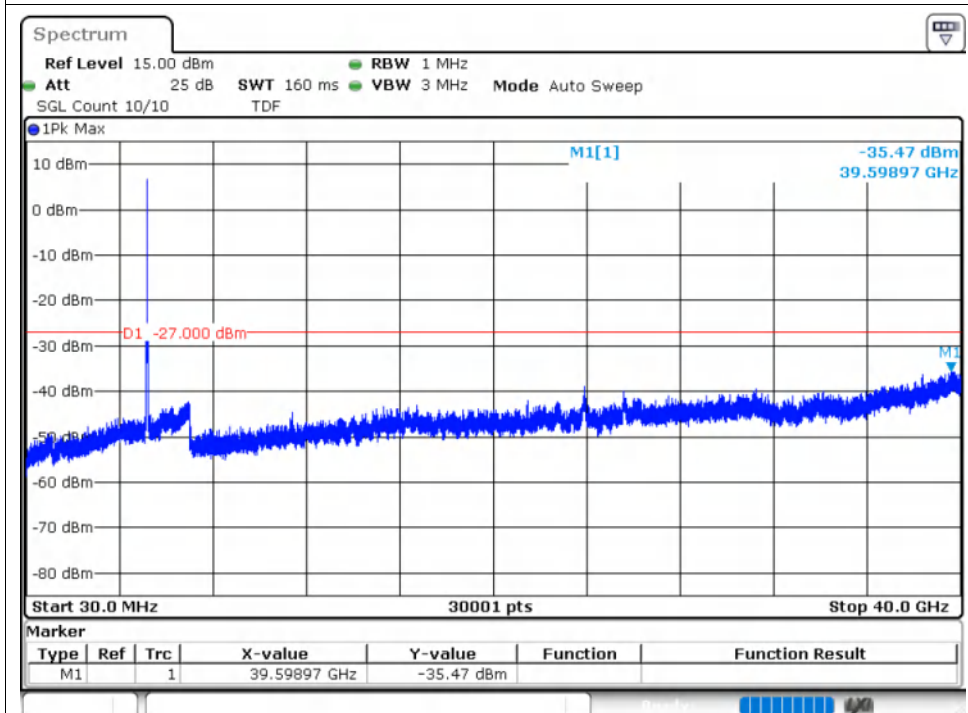
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



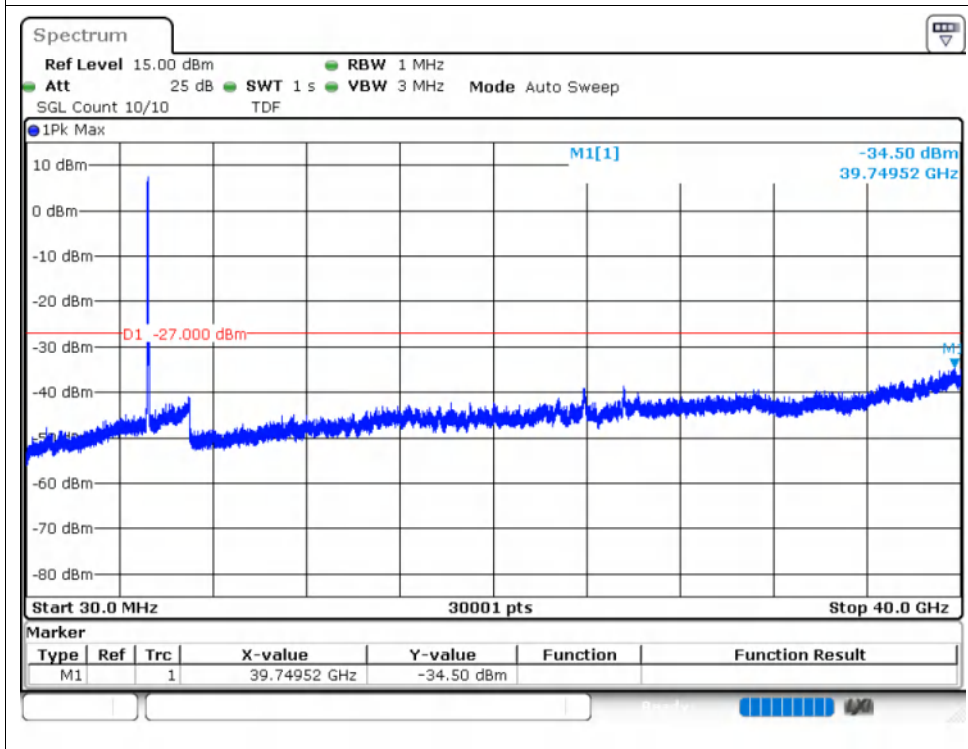
Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



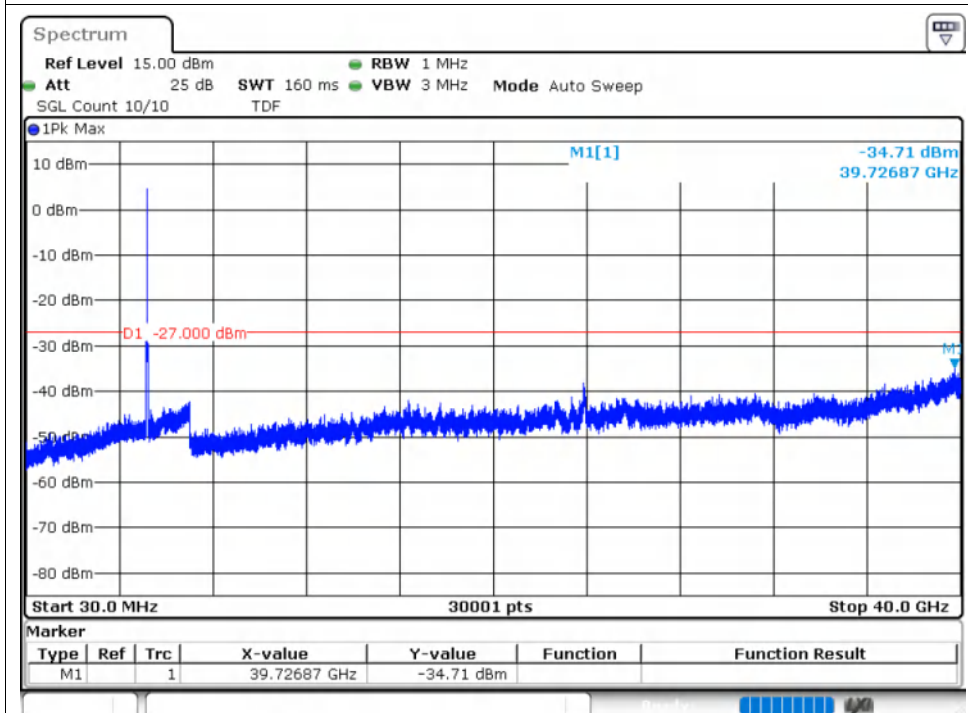
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



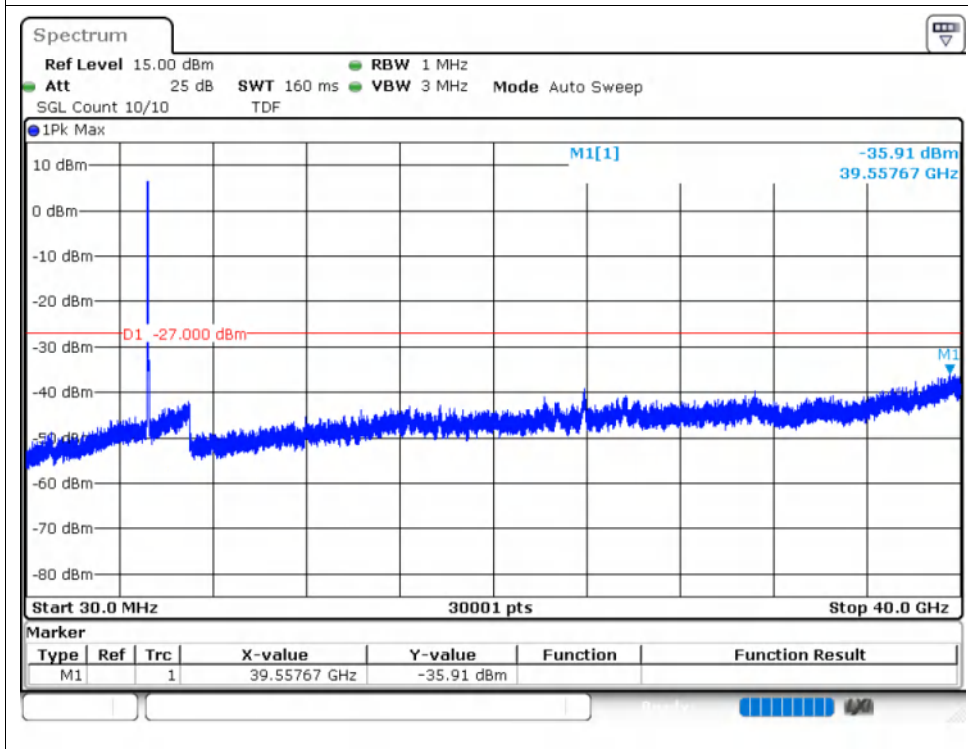
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



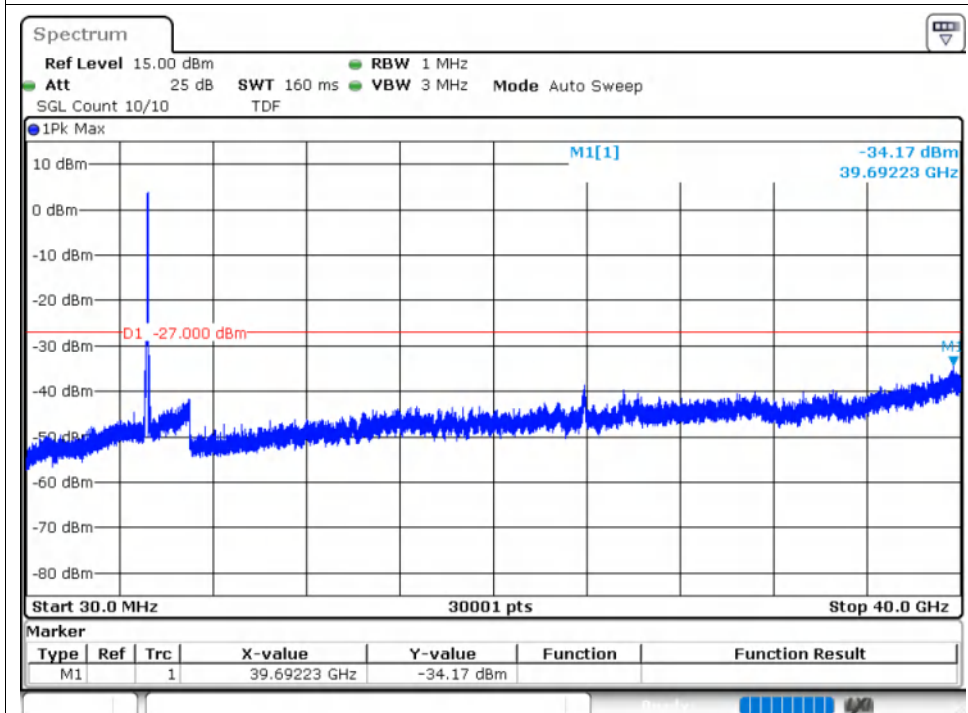
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



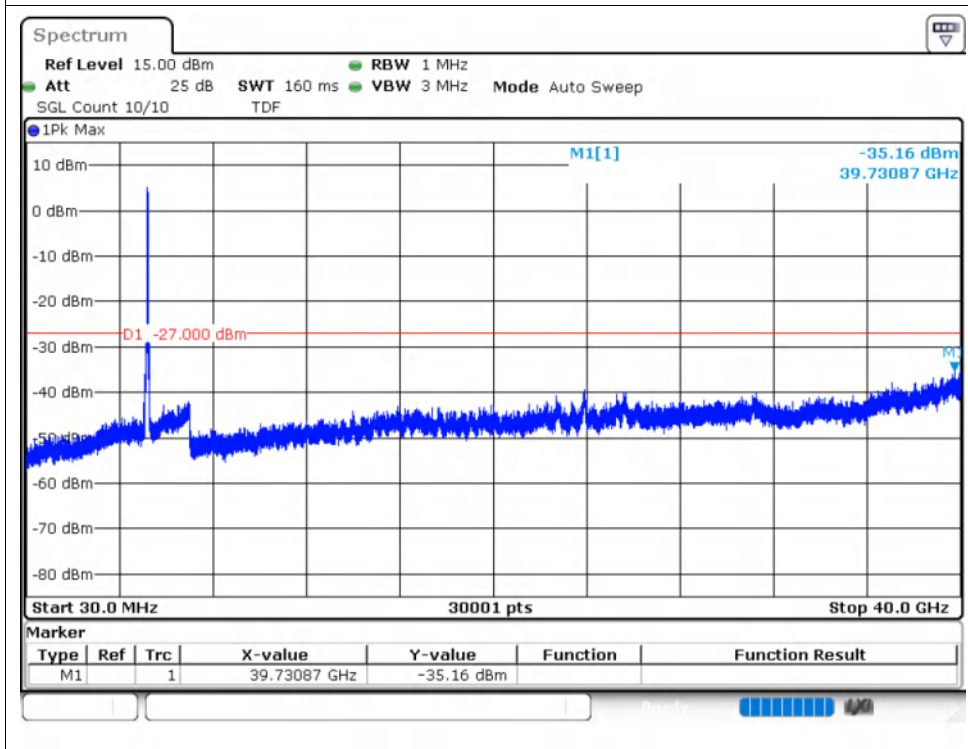
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



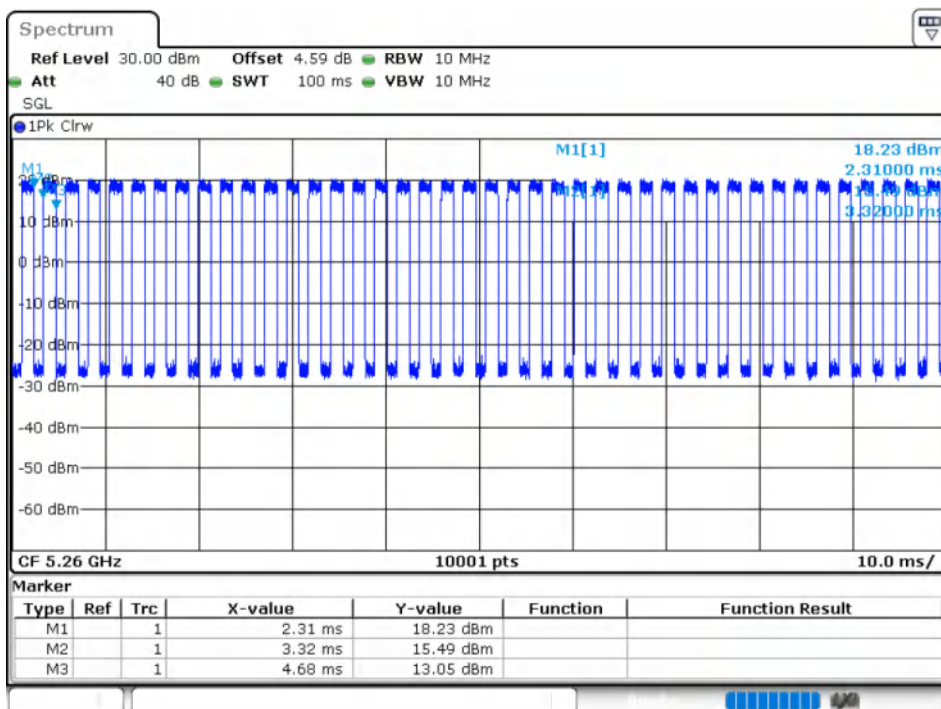
WIFI 5.3G:

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	57.53	2.4	0.74
NVNT	a	5280	Ant1	57.63	2.39	0.74
NVNT	a	5320	Ant1	57.77	2.38	0.74
NVNT	a	5260	Ant2	57.6	2.4	0.73
NVNT	a	5280	Ant2	58.29	2.34	0.74
NVNT	a	5320	Ant2	57.88	2.37	0.73
NVNT	n20	5260	Ant1	56.44	2.48	0.79
NVNT	n20	5280	Ant1	56.28	2.5	0.79
NVNT	n20	5320	Ant1	56.23	2.5	0.79
NVNT	n20	5260	Ant2	56.3	2.49	0.78
NVNT	n20	5280	Ant2	56.29	2.5	0.79
NVNT	n20	5320	Ant2	56.36	2.49	0.79
NVNT	n40	5270	Ant1	39.34	4.05	1.59
NVNT	n40	5310	Ant1	39.3	4.06	1.59
NVNT	n40	5270	Ant2	39.26	4.06	1.56
NVNT	n40	5310	Ant2	39.26	4.06	1.59
NVNT	ac20	5260	Ant1	56.6	2.47	0.79
NVNT	ac20	5280	Ant1	56.56	2.47	0.78
NVNT	ac20	5320	Ant1	56.2	2.5	0.78
NVNT	ac20	5260	Ant2	56.46	2.48	0.79
NVNT	ac20	5280	Ant2	56.28	2.5	0.78
NVNT	ac20	5320	Ant2	56.31	2.49	0.78
NVNT	ac40	5270	Ant1	39.33	4.05	1.56
NVNT	ac40	5310	Ant1	39.36	4.05	1.59
NVNT	ac40	5270	Ant2	39.46	4.04	1.56
NVNT	ac40	5310	Ant2	39.48	4.04	1.56
NVNT	ac80	5290	Ant1	24.47	6.11	3.23
NVNT	ac80	5290	Ant2	24.91	6.04	3.12

Test Graphs

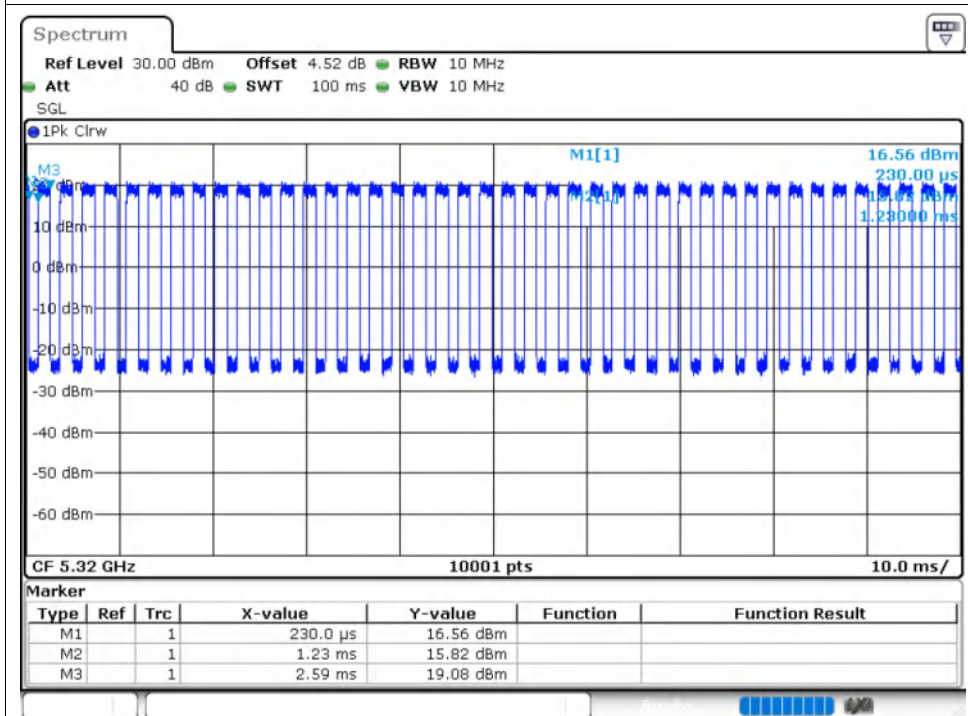
Duty Cycle NVNT a 5260MHz Ant1



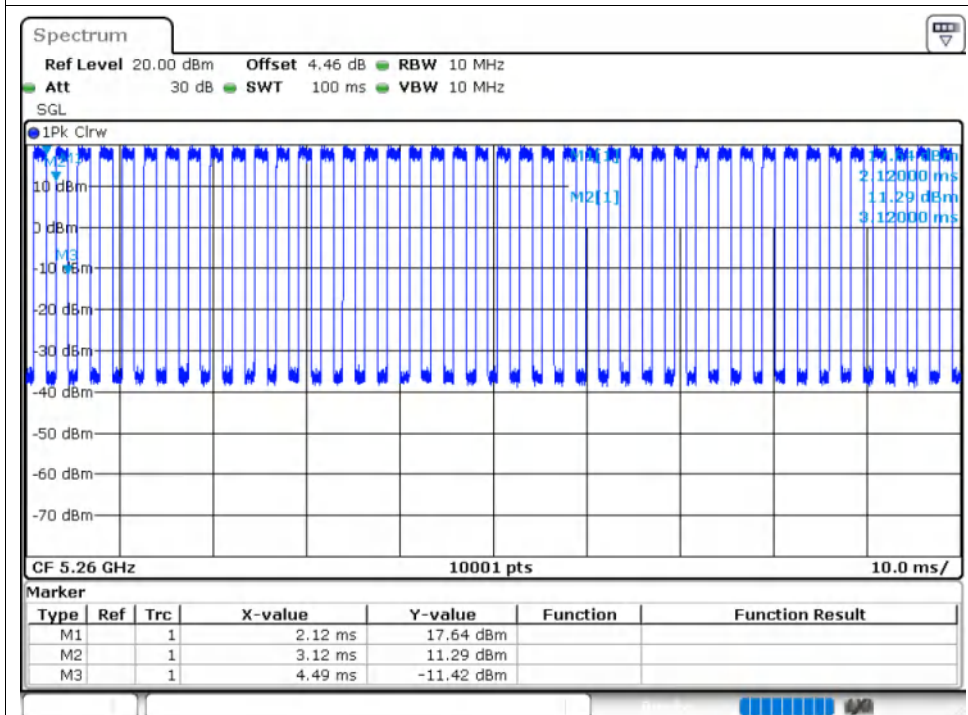
Duty Cycle NVNT a 5280MHz Ant1

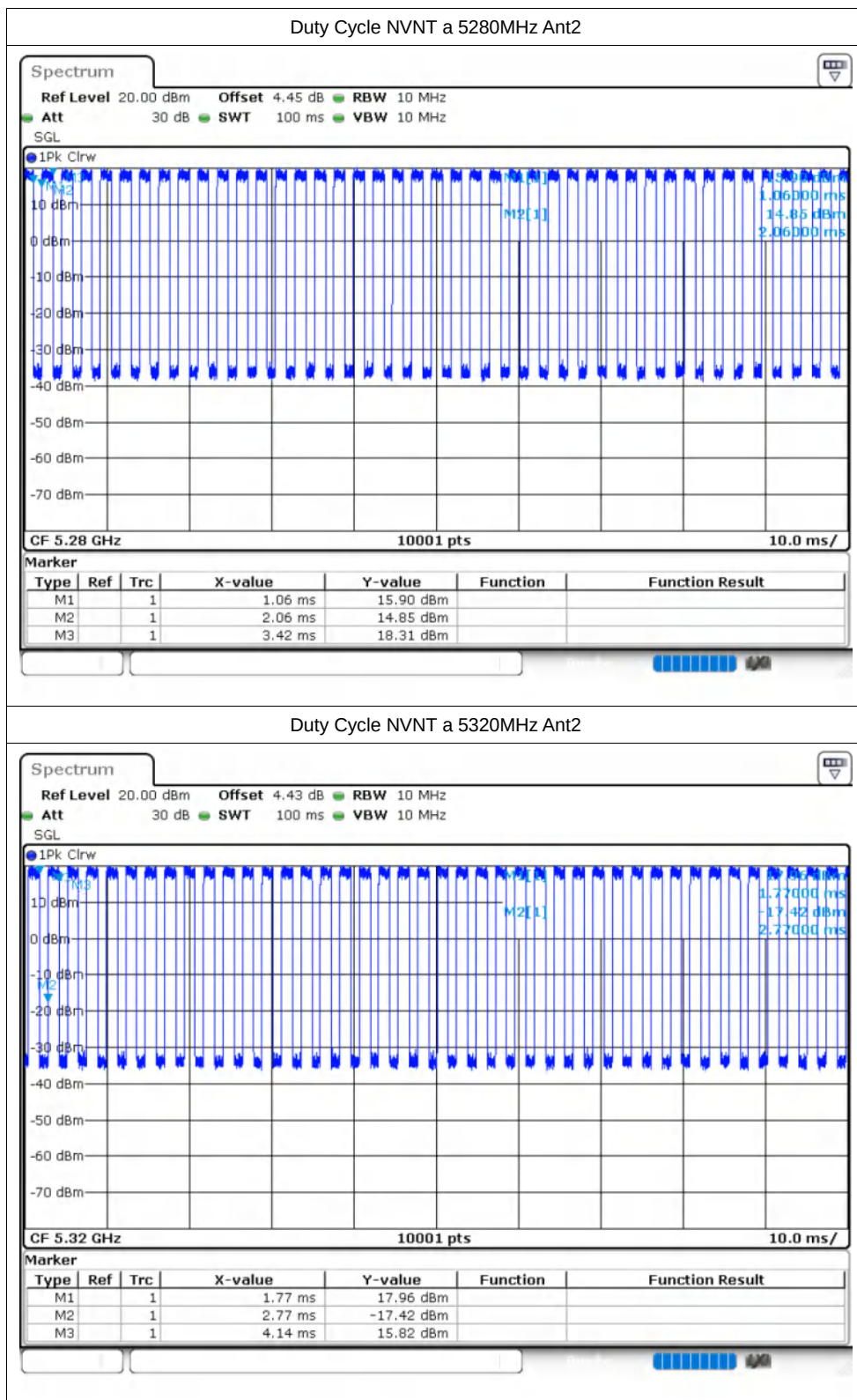


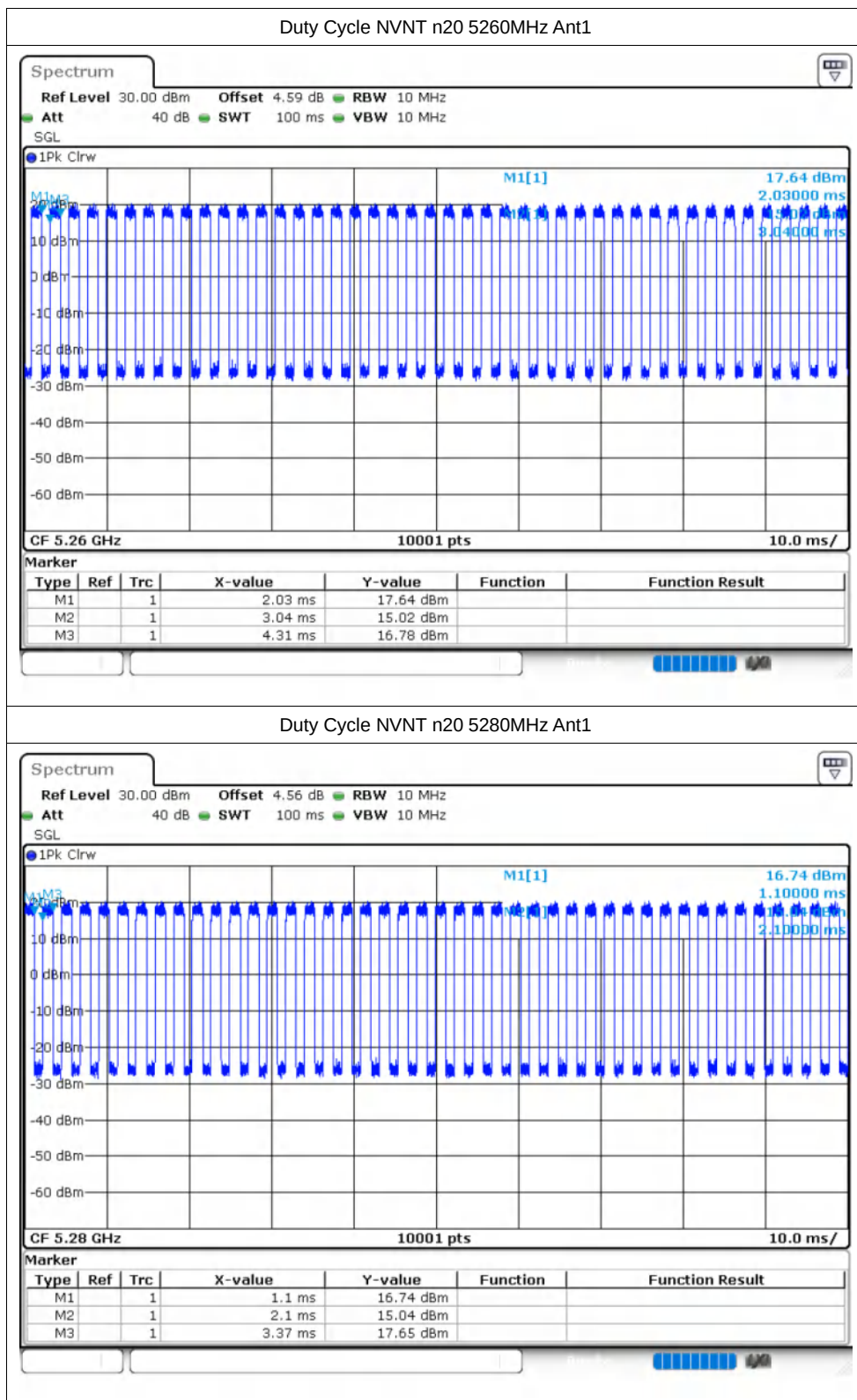
Duty Cycle NVNT a 5320MHz Ant1

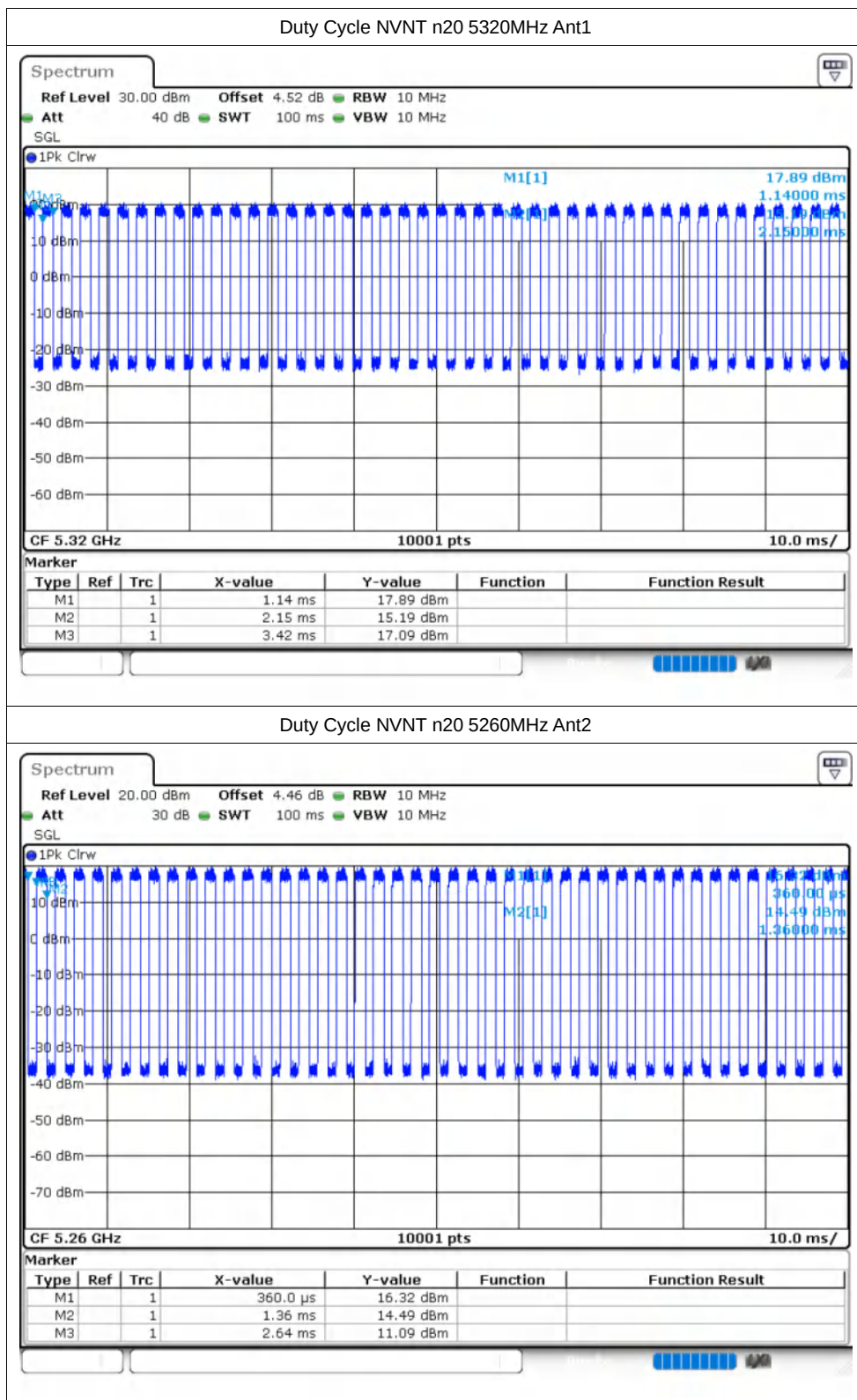


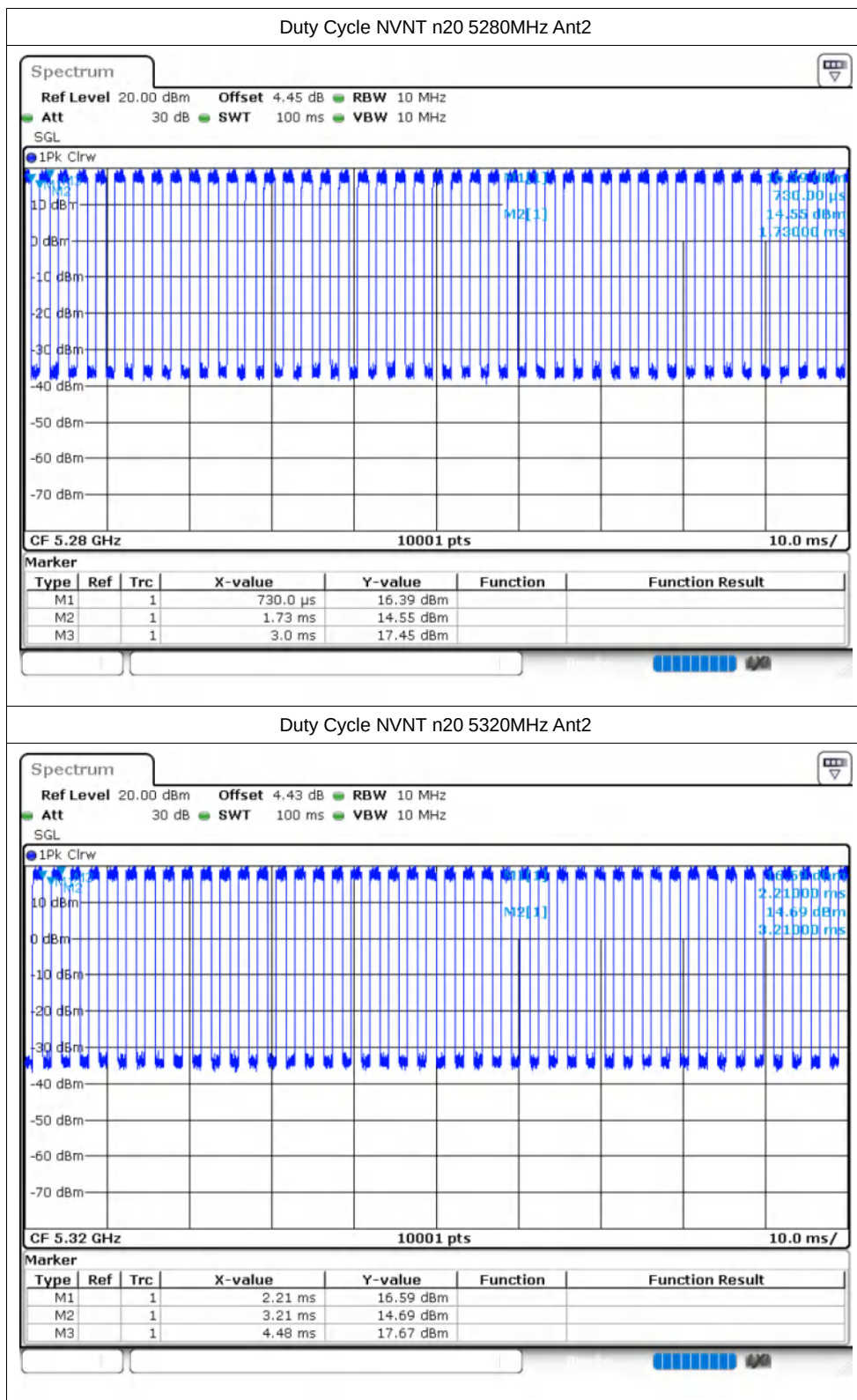
Duty Cycle NVNT a 5260MHz Ant2

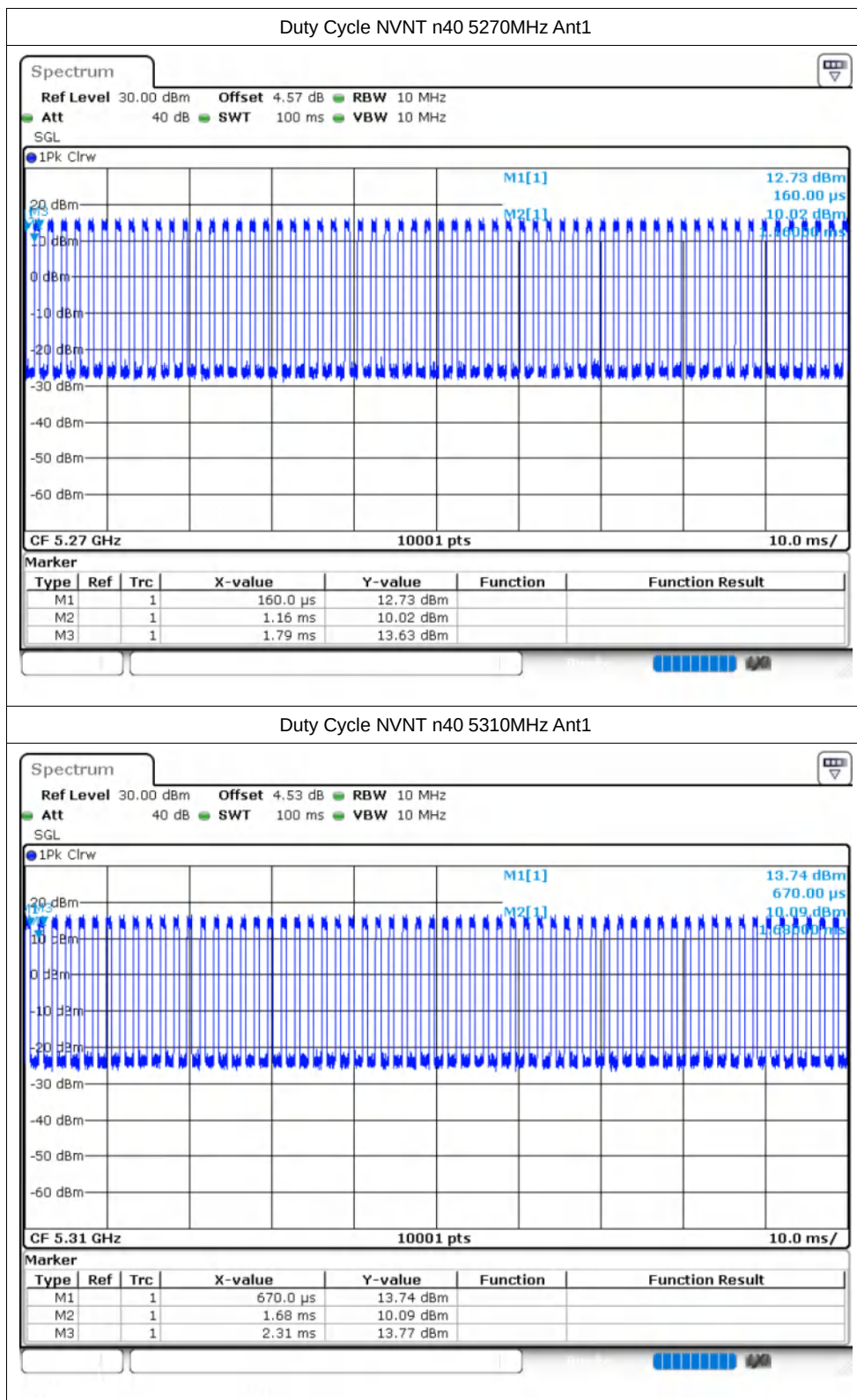




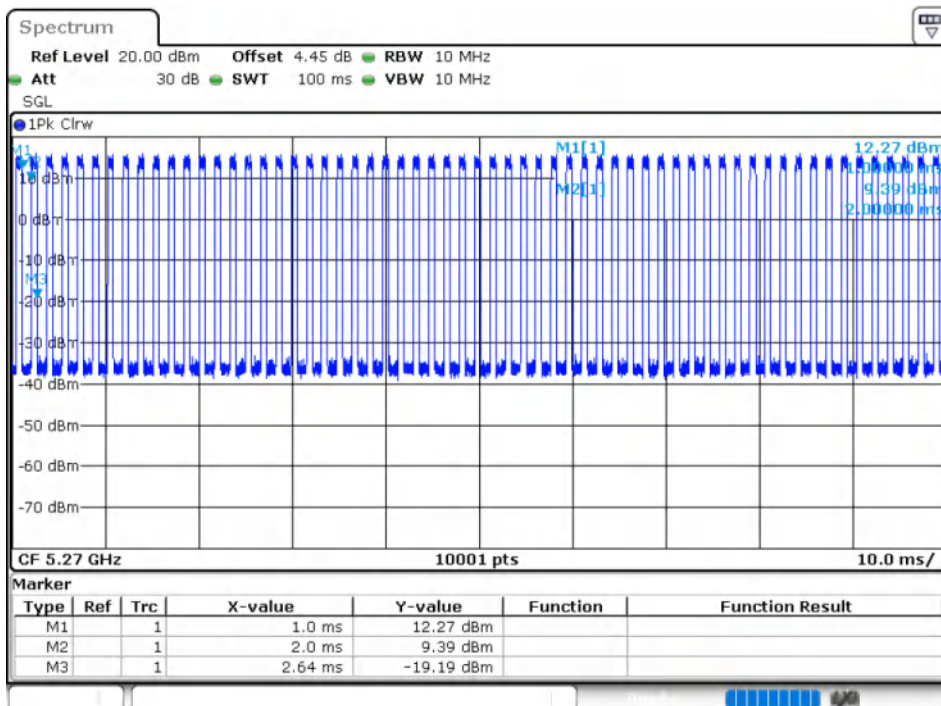




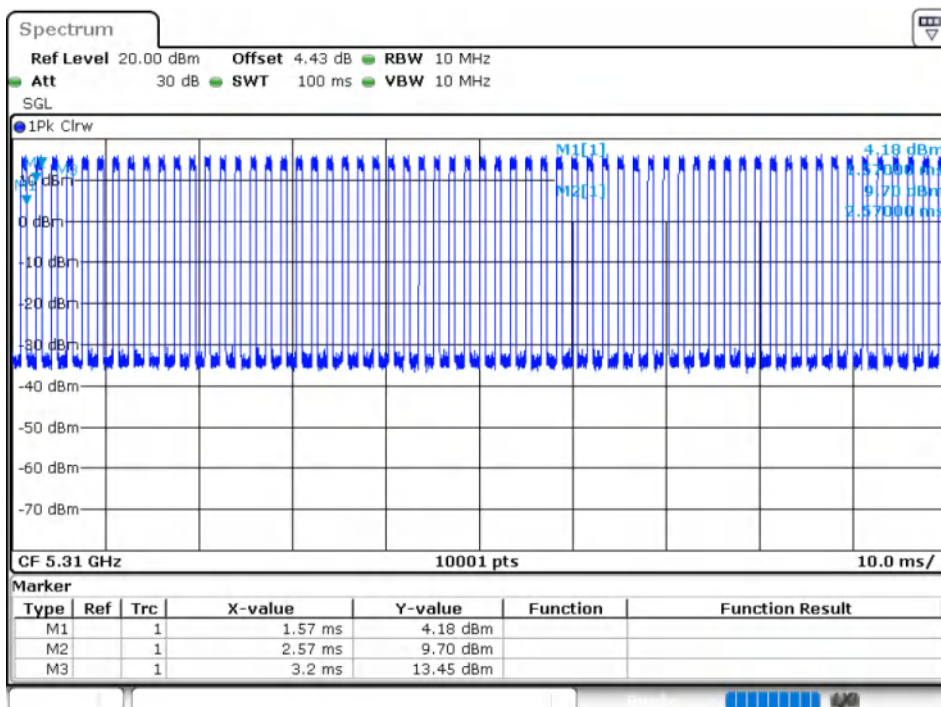




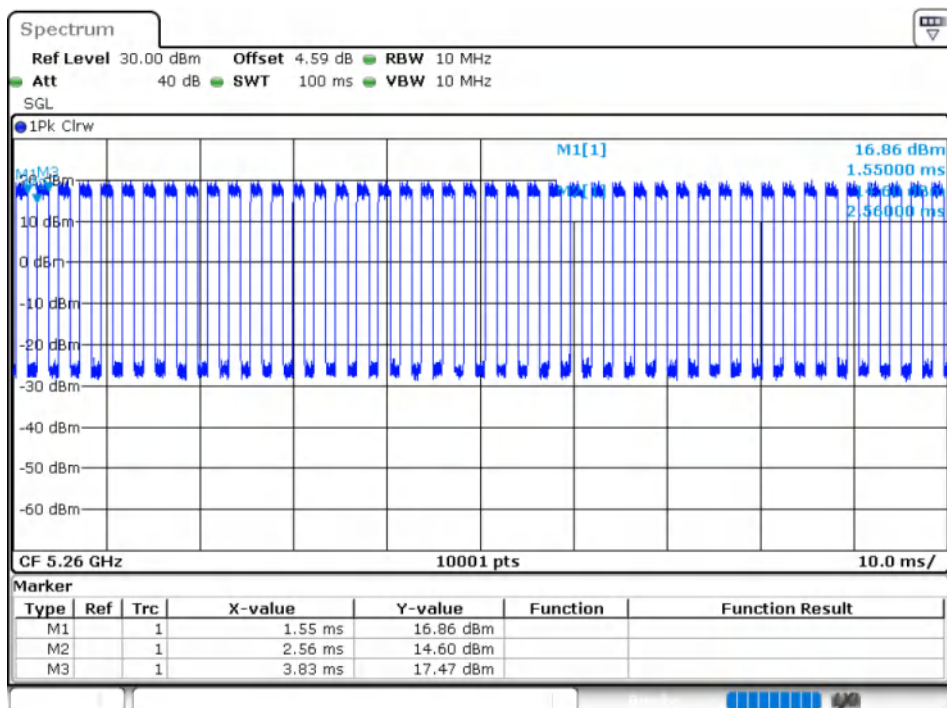
Duty Cycle NVNT n40 5270MHz Ant2



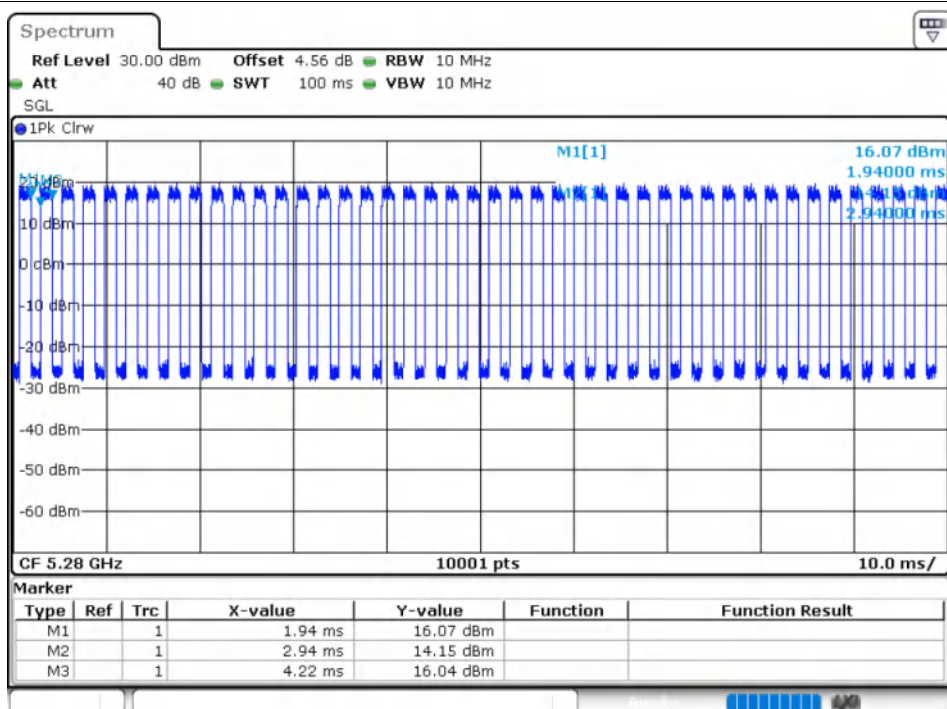
Duty Cycle NVNT n40 5310MHz Ant2

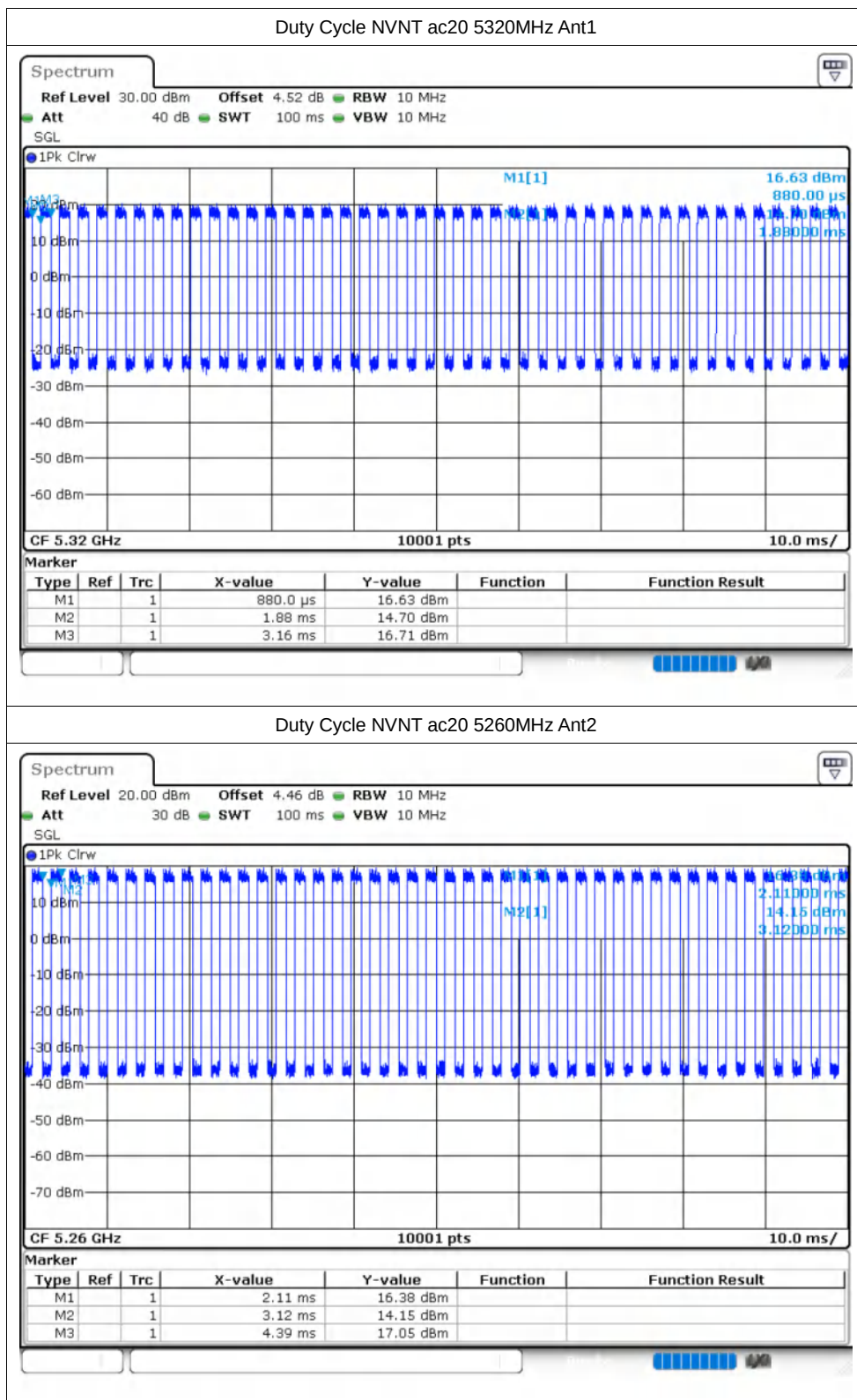


Duty Cycle NVNT ac20 5260MHz Ant1

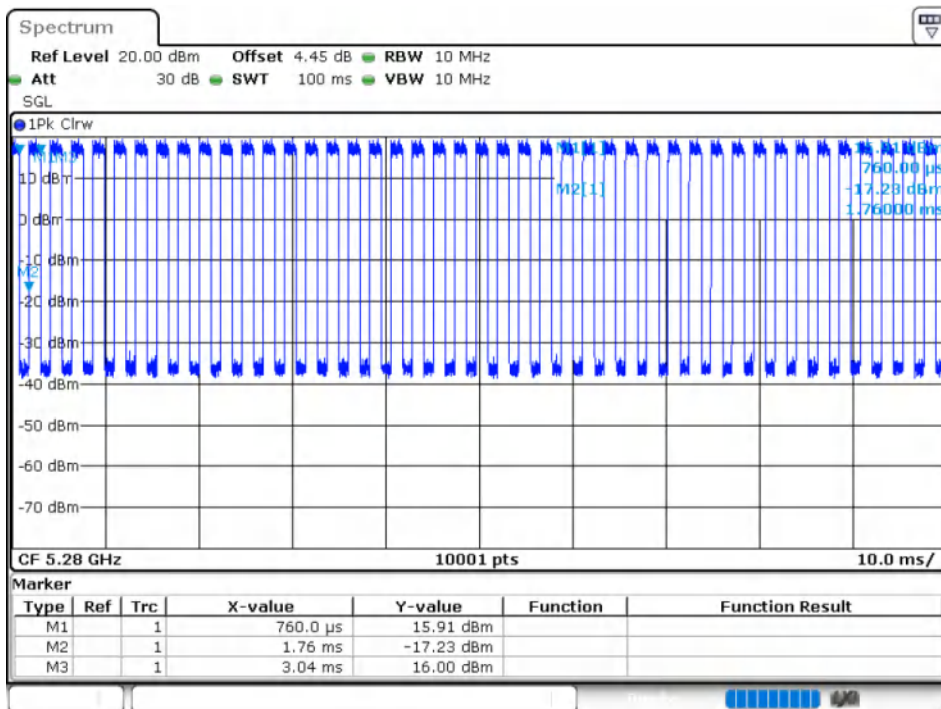


Duty Cycle NVNT ac20 5280MHz Ant1

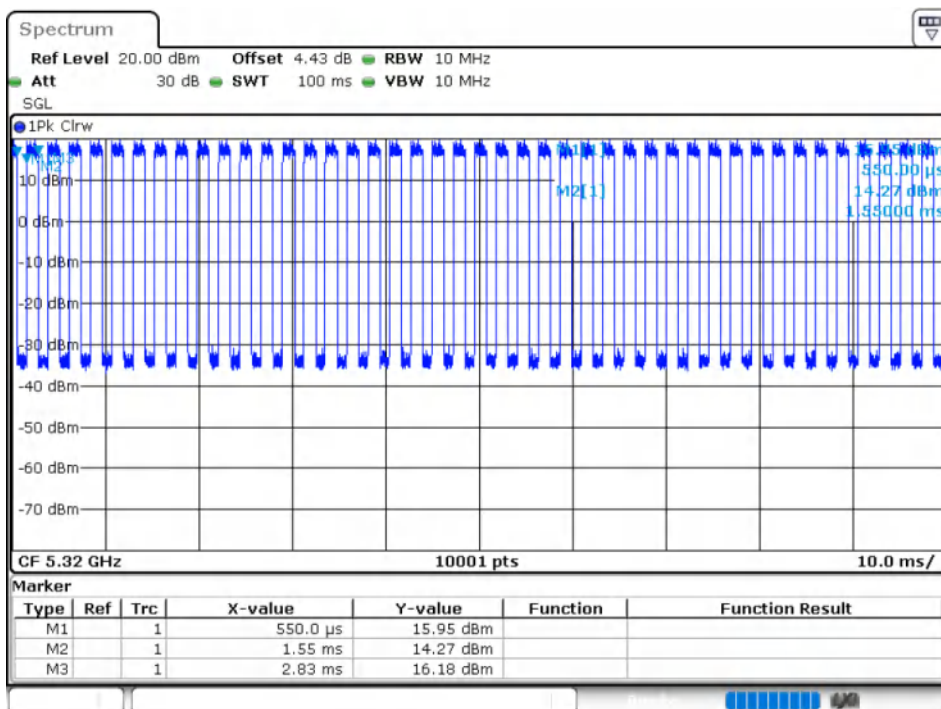




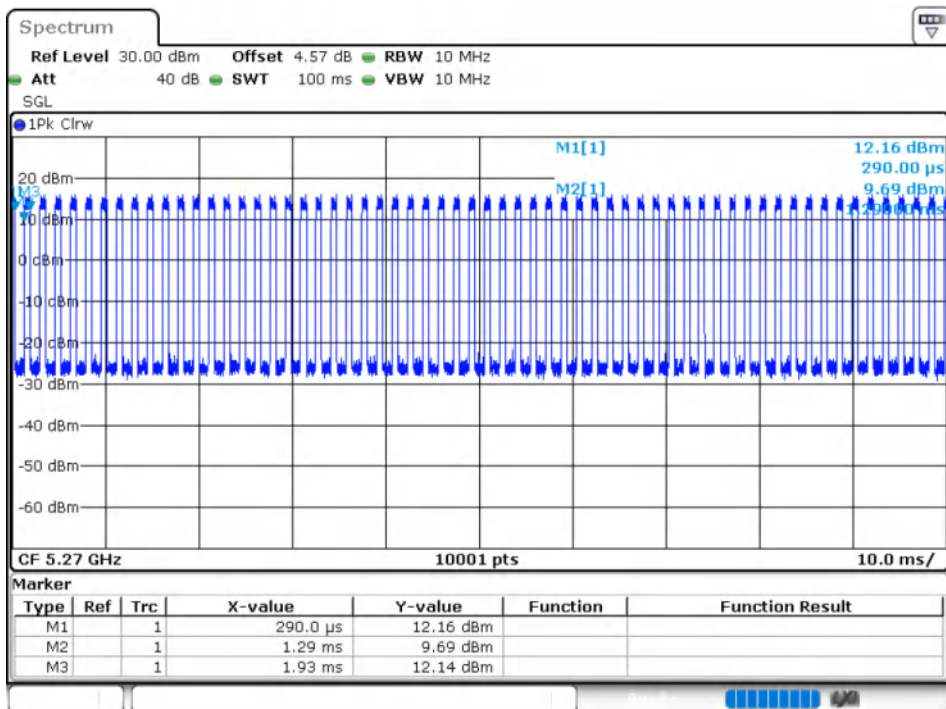
Duty Cycle NVNT ac20 5280MHz Ant2



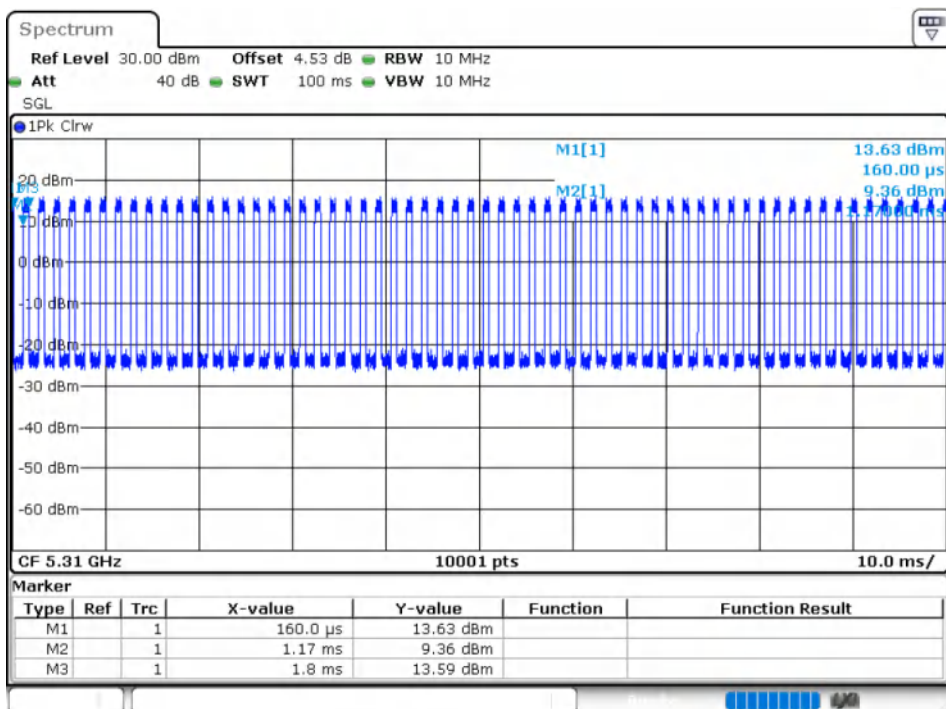
Duty Cycle NVNT ac20 5320MHz Ant2

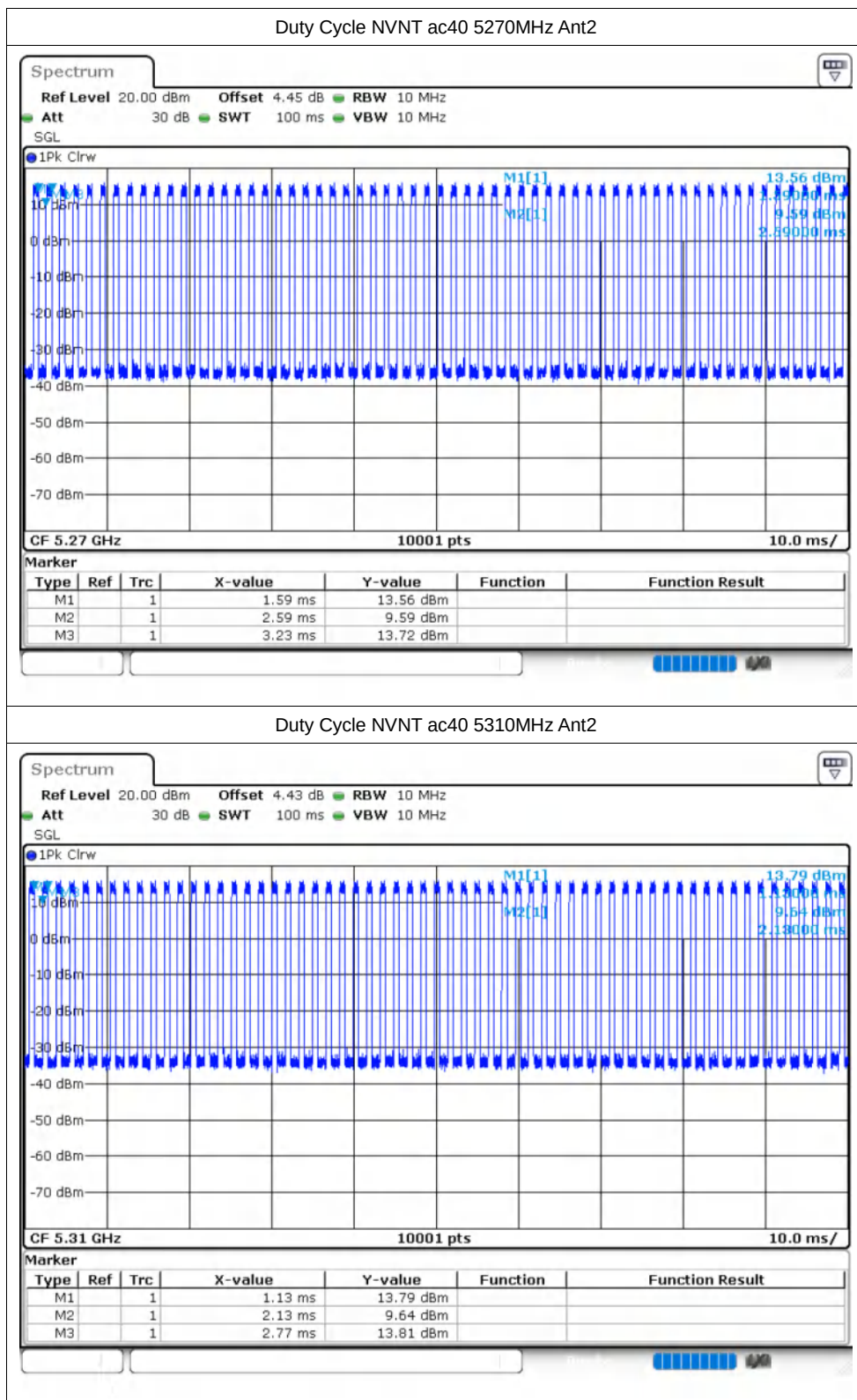


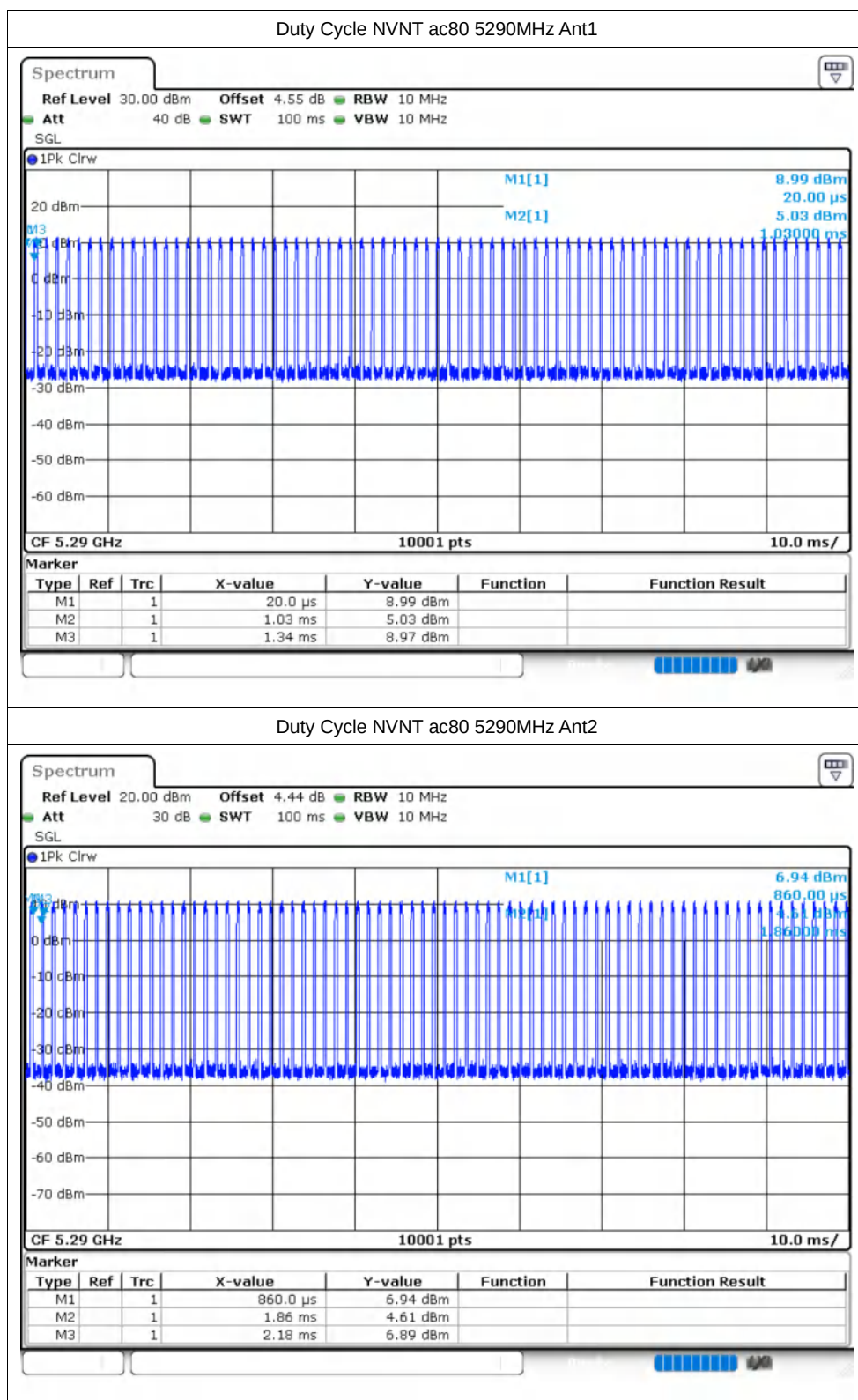
Duty Cycle NVNT ac40 5270MHz Ant1



Duty Cycle NVNT ac40 5310MHz Ant1







Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	15.34	24	Pass
NVNT	a	5280	Ant1	15.72	24	Pass
NVNT	a	5320	Ant1	15.62	24	Pass
NVNT	a	5260	Ant2	15.14	24	Pass
NVNT	a	5280	Ant2	15.34	24	Pass
NVNT	a	5320	Ant2	15.32	24	Pass
NVNT	n20	5260	Ant1	14.05	24	Pass
NVNT	n20	5280	Ant1	14.44	24	Pass
NVNT	n20	5320	Ant1	15.23	24	Pass
NVNT	n20	5260	Ant2	14.77	24	Pass
NVNT	n20	5280	Ant2	14.96	24	Pass
NVNT	n20	5320	Ant2	15.04	24	Pass
NVNT	n40	5270	Ant1	13.32	24	Pass
NVNT	n40	5310	Ant1	13.85	24	Pass
NVNT	n40	5270	Ant2	13.6	24	Pass
NVNT	n40	5310	Ant2	13.8	24	Pass
NVNT	ac20	5260	Ant1	14.11	24	Pass
NVNT	ac20	5280	Ant1	13.73	24	Pass
NVNT	ac20	5320	Ant1	14.64	24	Pass
NVNT	ac20	5260	Ant2	14.38	24	Pass
NVNT	ac20	5280	Ant2	14.59	24	Pass
NVNT	ac20	5320	Ant2	14.57	24	Pass
NVNT	ac40	5270	Ant1	12.71	24	Pass
NVNT	ac40	5310	Ant1	13.25	24	Pass
NVNT	ac40	5270	Ant2	13.61	24	Pass
NVNT	ac40	5310	Ant2	13.82	24	Pass
NVNT	ac80	5290	Ant1	13.23	24	Pass
NVNT	ac80	5290	Ant2	13.53	24	Pass

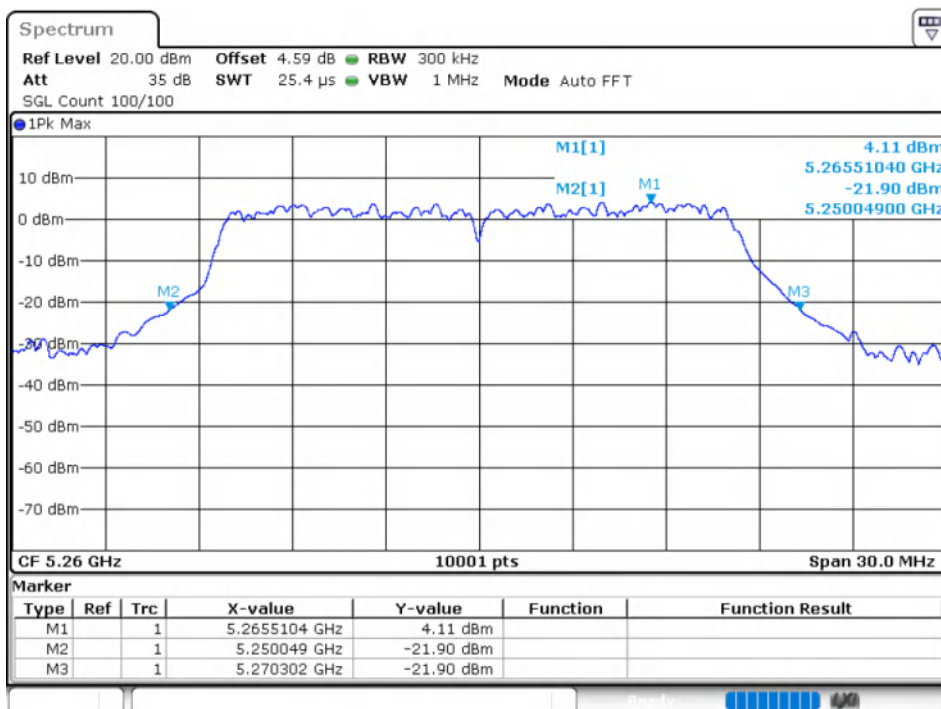
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

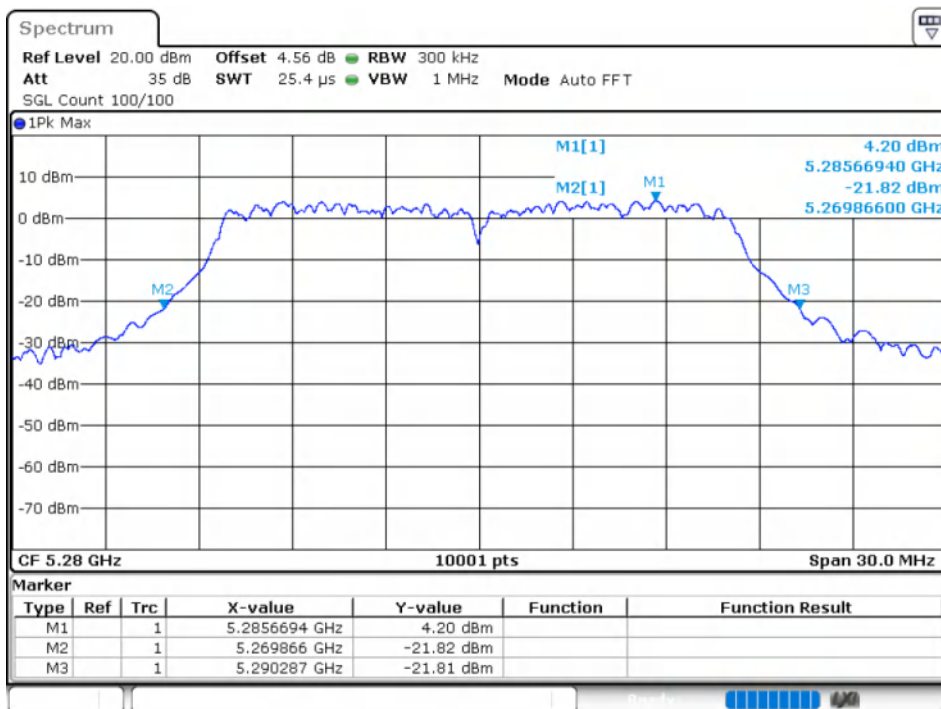
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.253	Pass
NVNT	a	5280	Ant1	20.421	Pass
NVNT	a	5320	Ant1	20.922	Pass
NVNT	a	5260	Ant2	20.538	Pass
NVNT	a	5280	Ant2	19.842	Pass
NVNT	a	5320	Ant2	20.46	Pass
NVNT	n20	5260	Ant1	20.775	Pass
NVNT	n20	5280	Ant1	21.006	Pass
NVNT	n20	5320	Ant1	20.685	Pass
NVNT	n20	5260	Ant2	20.667	Pass
NVNT	n20	5280	Ant2	21.474	Pass
NVNT	n20	5320	Ant2	20.883	Pass
NVNT	n40	5270	Ant1	43.344	Pass
NVNT	n40	5310	Ant1	43.218	Pass
NVNT	n40	5270	Ant2	42.936	Pass
NVNT	n40	5310	Ant2	43.116	Pass
NVNT	ac20	5260	Ant1	21.462	Pass
NVNT	ac20	5280	Ant1	21.165	Pass
NVNT	ac20	5320	Ant1	20.913	Pass
NVNT	ac20	5260	Ant2	21.195	Pass
NVNT	ac20	5280	Ant2	21.264	Pass
NVNT	ac20	5320	Ant2	21.024	Pass
NVNT	ac40	5270	Ant1	42.21	Pass
NVNT	ac40	5310	Ant1	42.12	Pass
NVNT	ac40	5270	Ant2	42.276	Pass
NVNT	ac40	5310	Ant2	42.264	Pass
NVNT	ac80	5290	Ant1	82.32	Pass
NVNT	ac80	5290	Ant2	83.352	Pass

Test Graphs

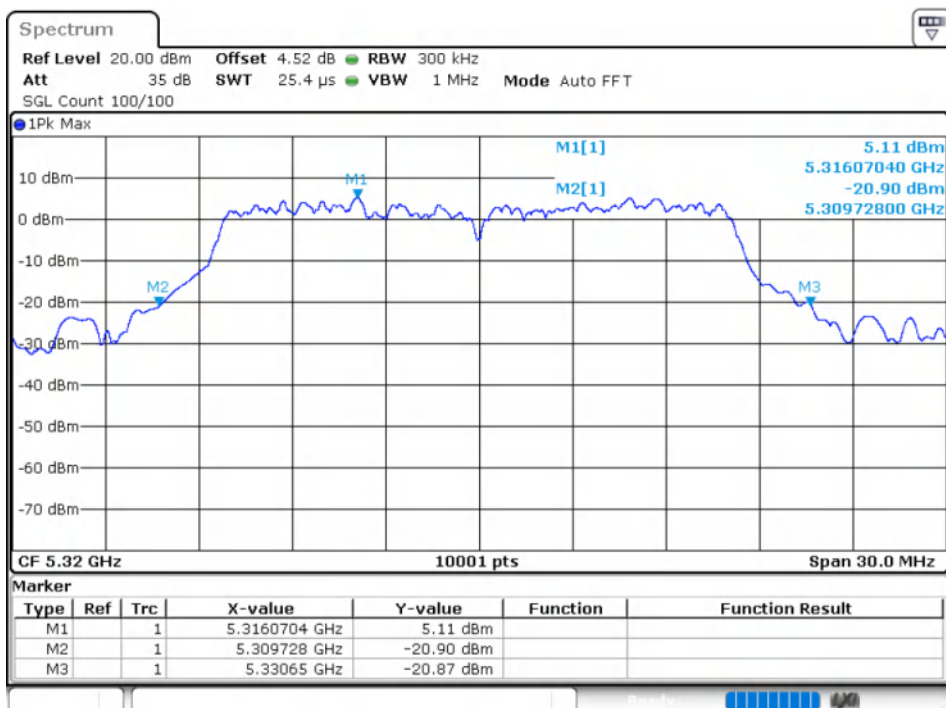
-26dB Bandwidth NVNT a 5260MHz Ant1



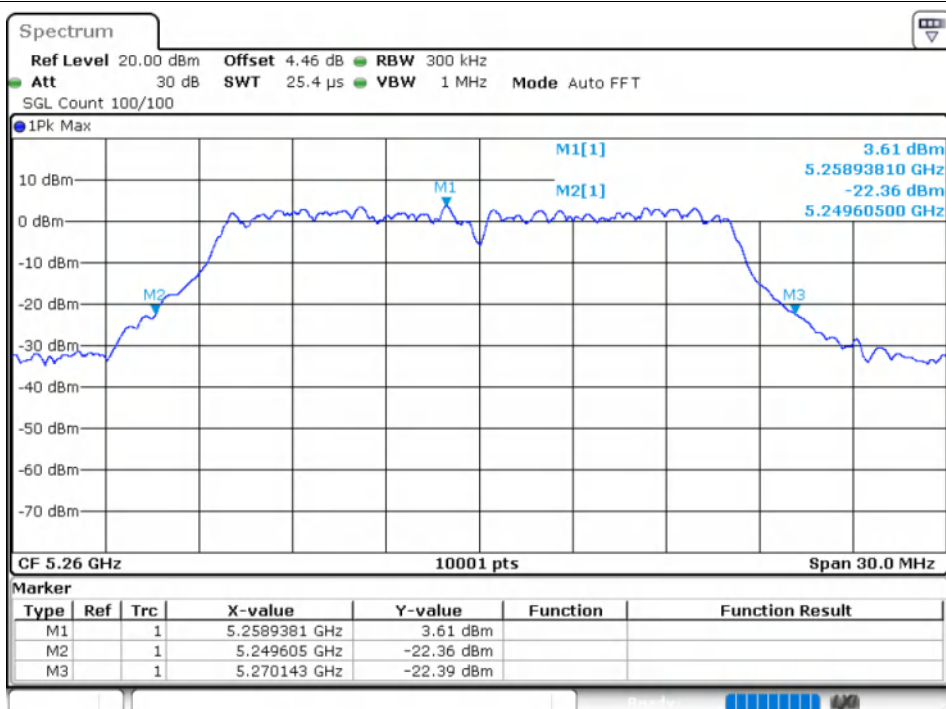
-26dB Bandwidth NVNT a 5280MHz Ant1



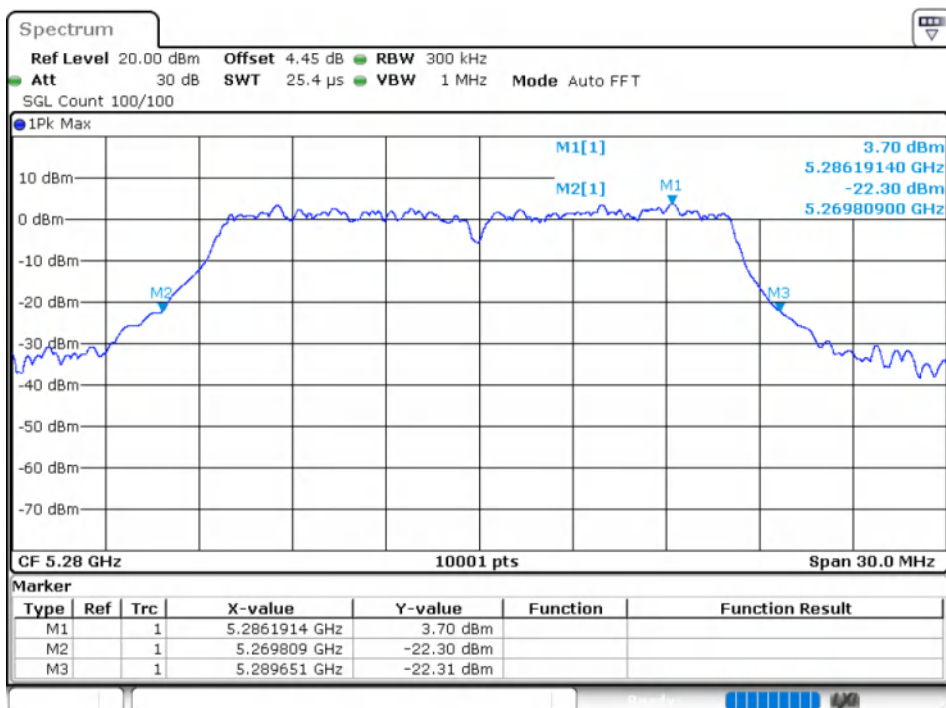
-26dB Bandwidth NVNT a 5320MHz Ant1



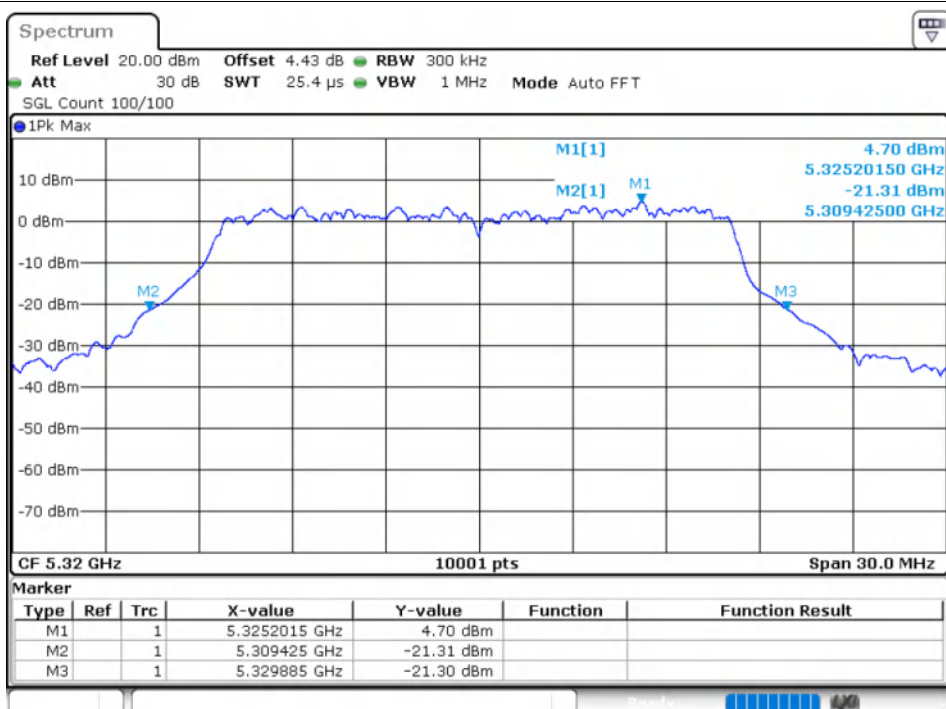
-26dB Bandwidth NVNT a 5260MHz Ant2

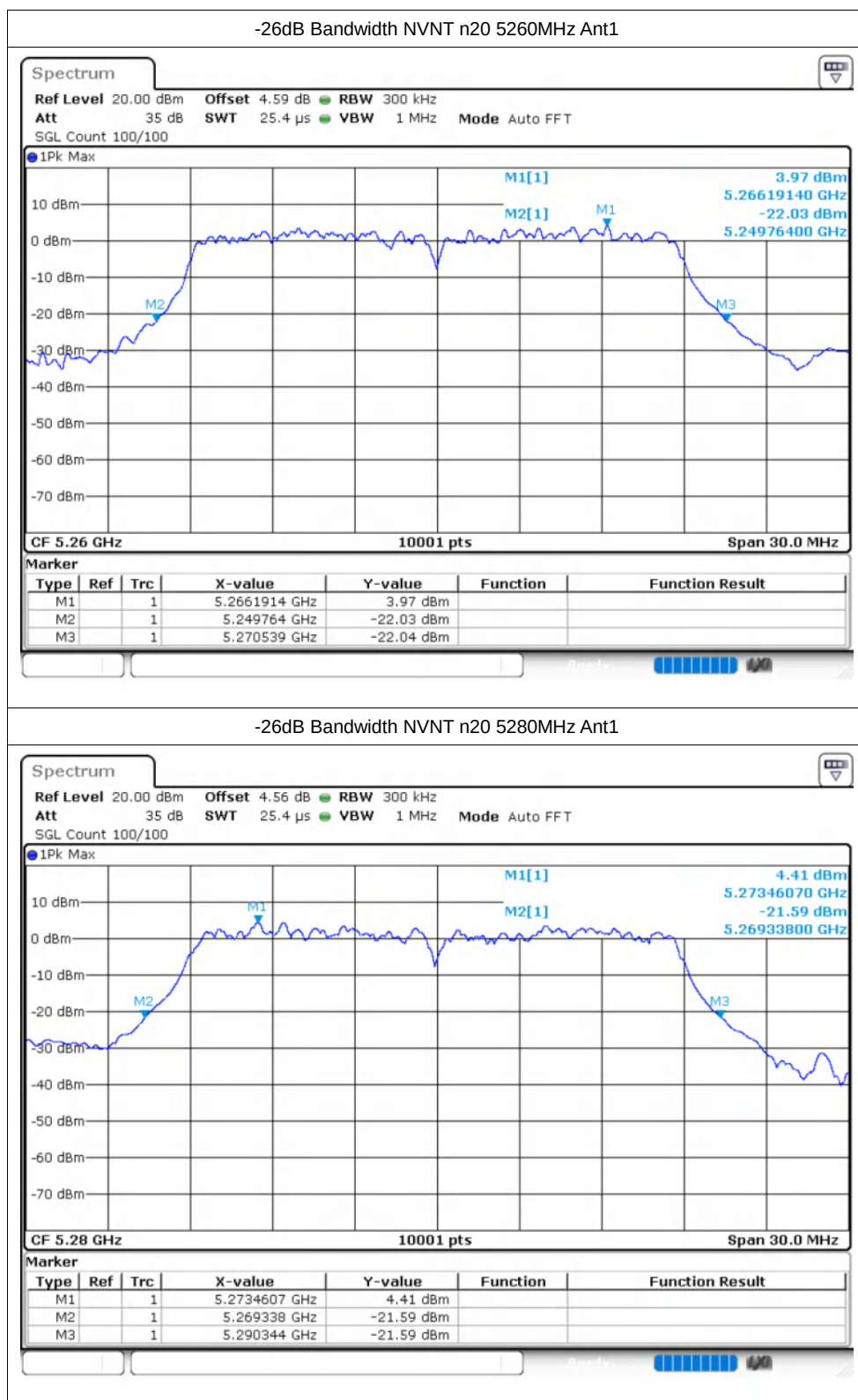


-26dB Bandwidth NVNT a 5280MHz Ant2

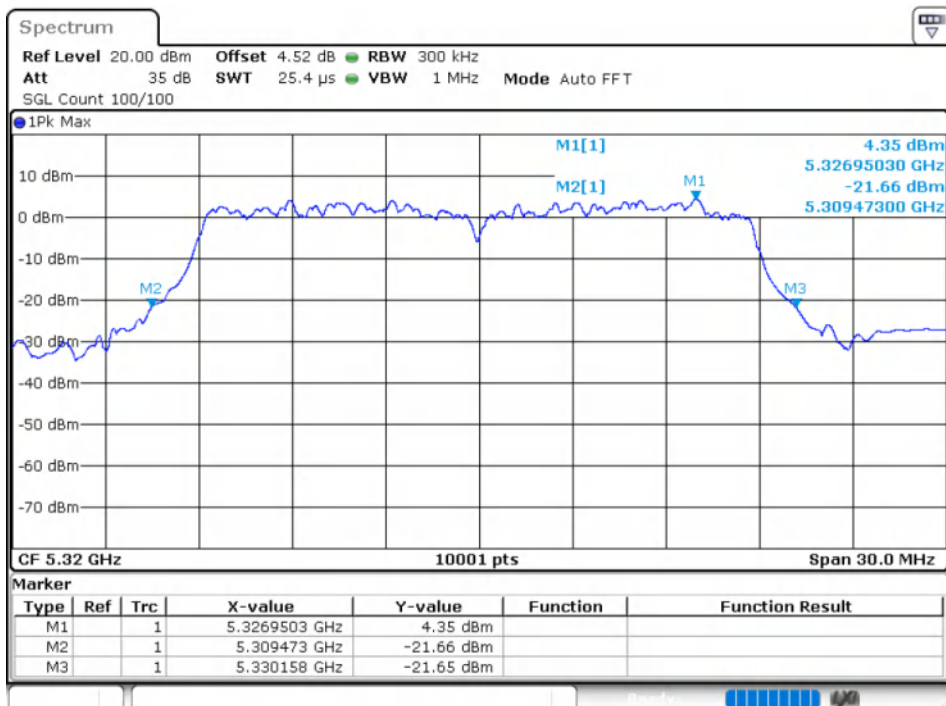


-26dB Bandwidth NVNT a 5320MHz Ant2

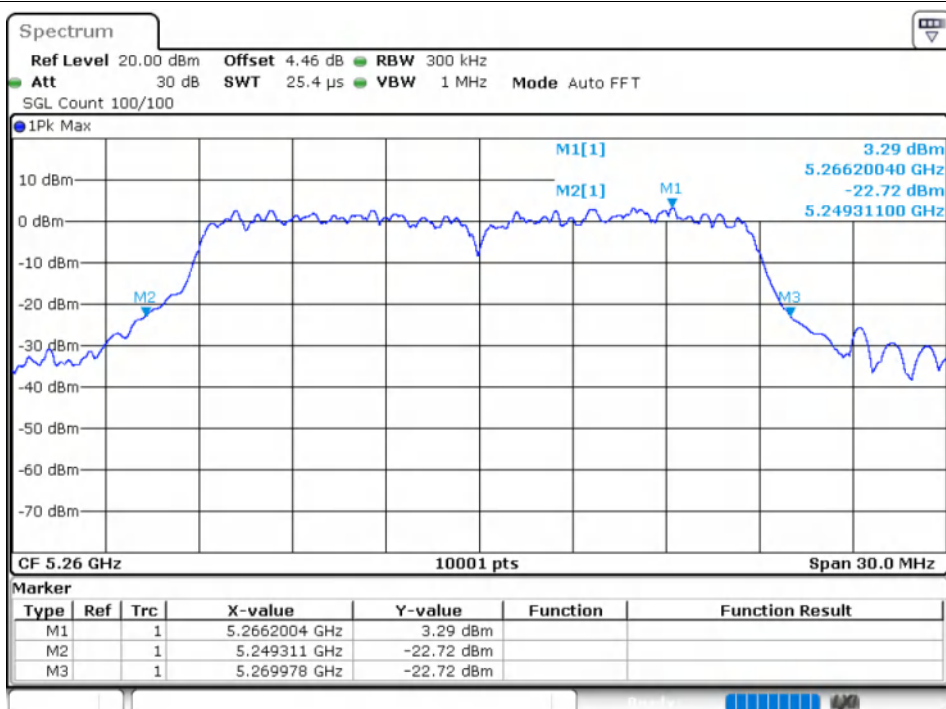




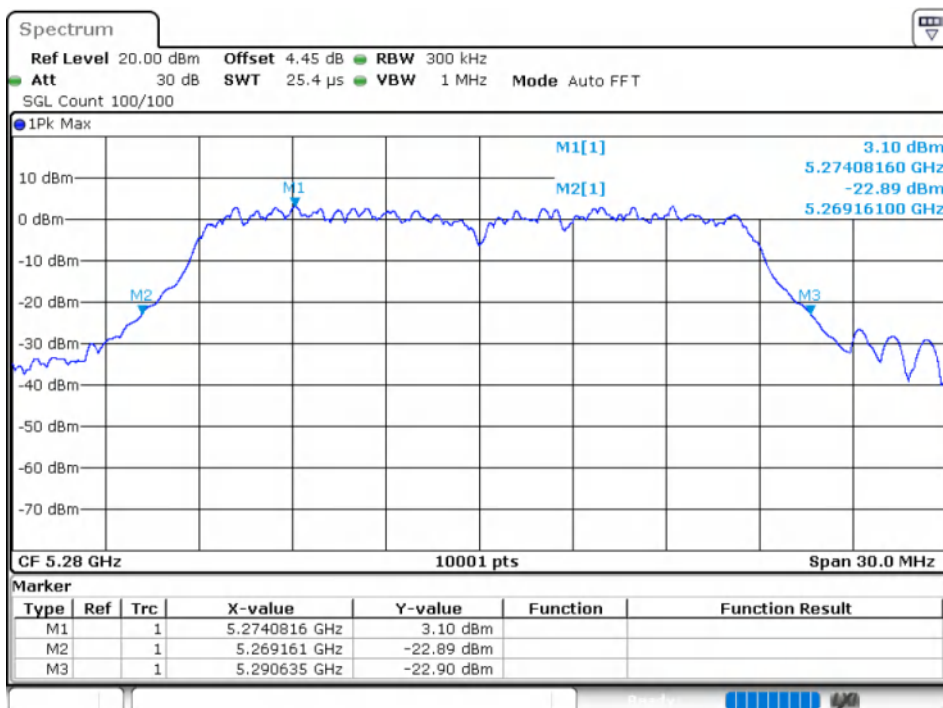
-26dB Bandwidth NVNT n20 5320MHz Ant1



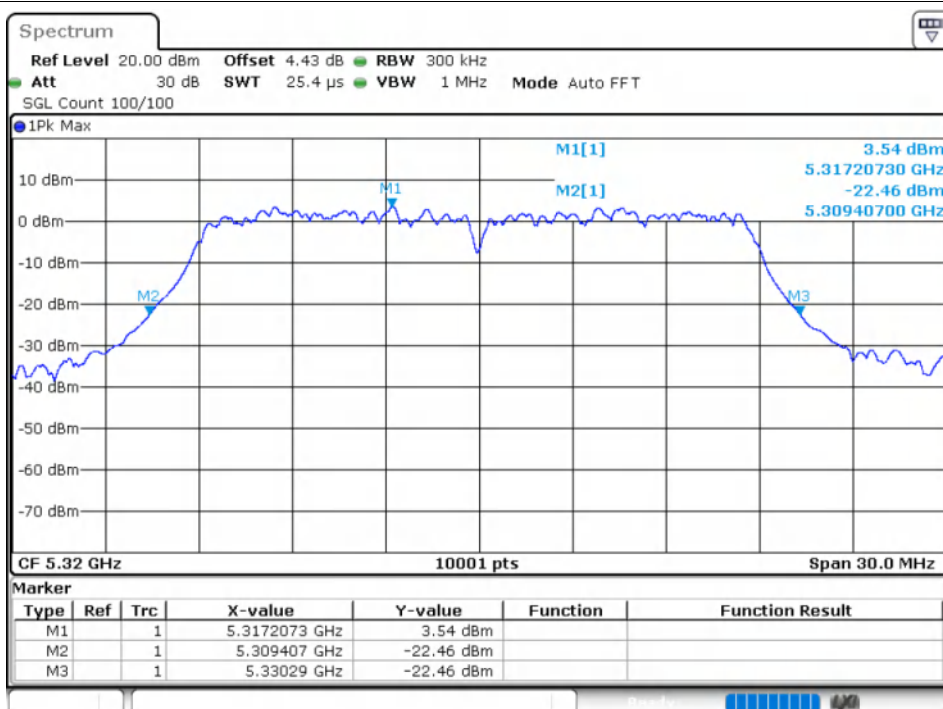
-26dB Bandwidth NVNT n20 5260MHz Ant2



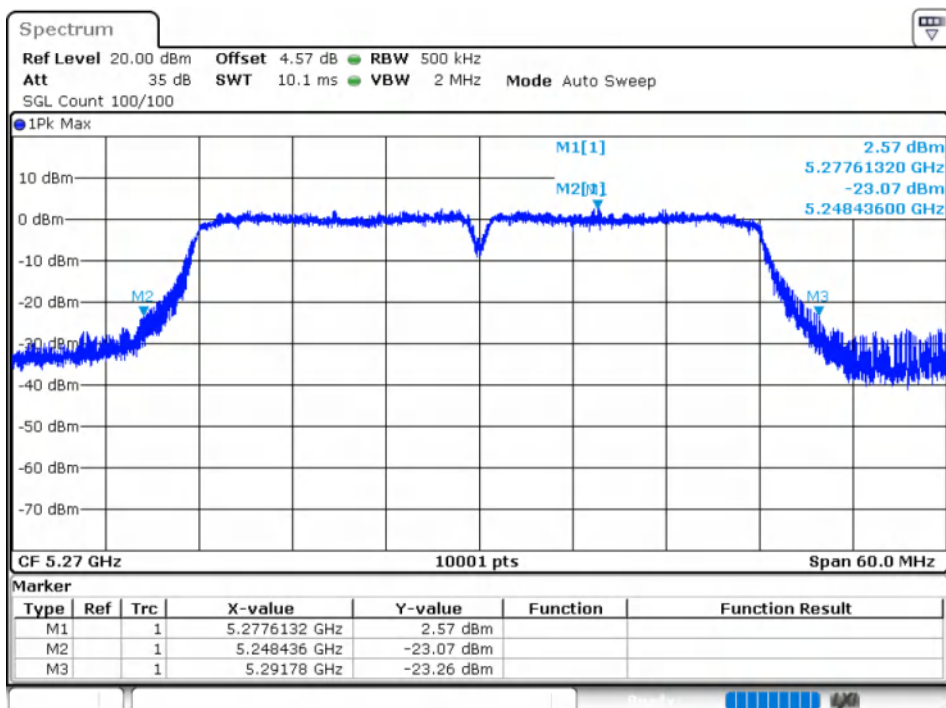
-26dB Bandwidth NVNT n20 5280MHz Ant2



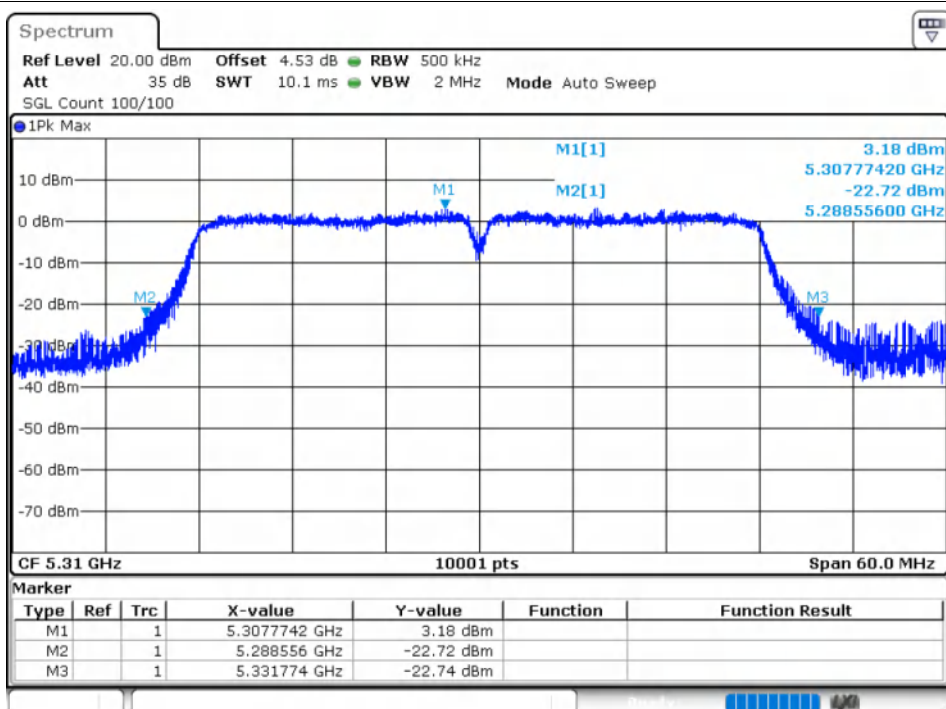
-26dB Bandwidth NVNT n20 5320MHz Ant2

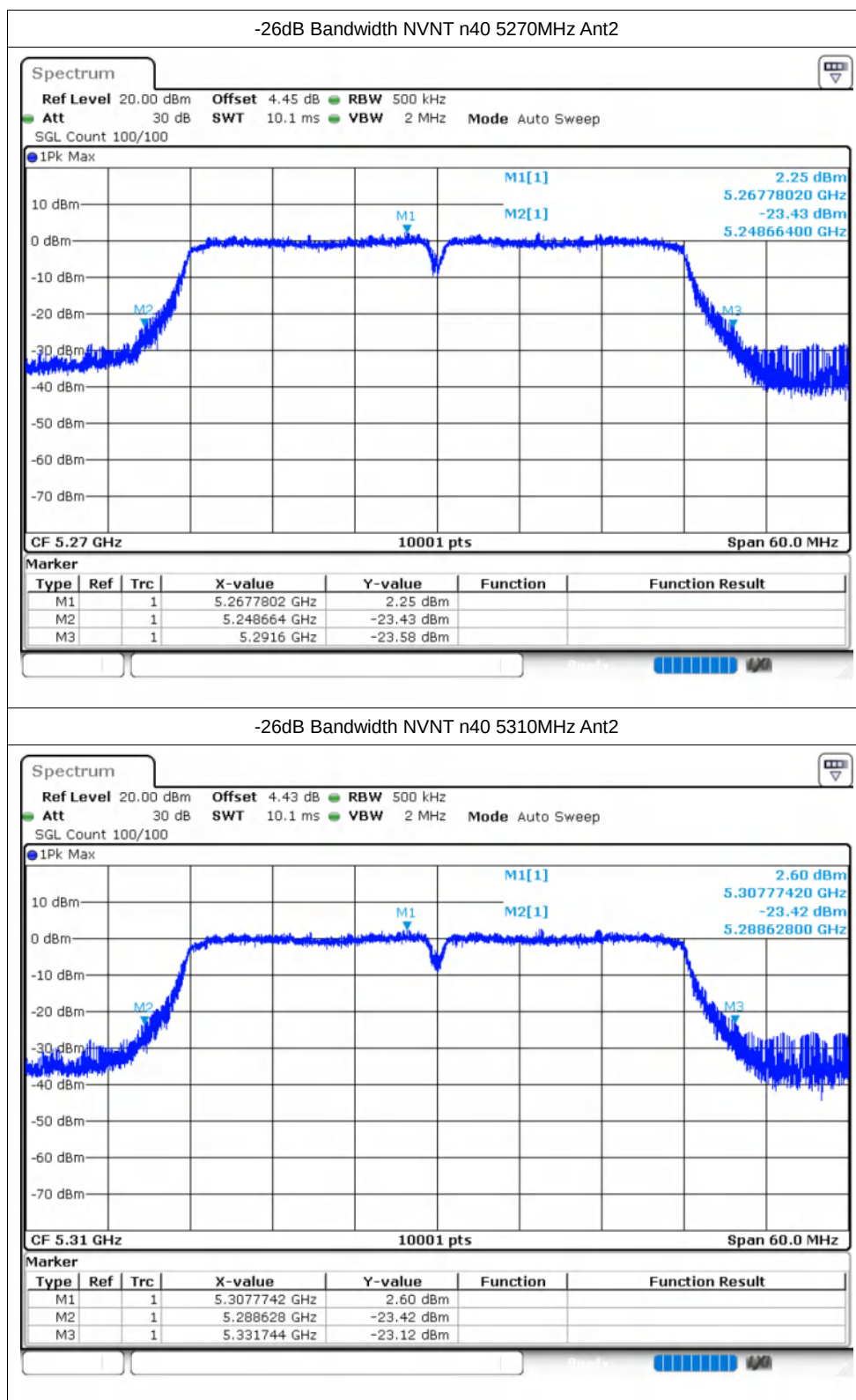


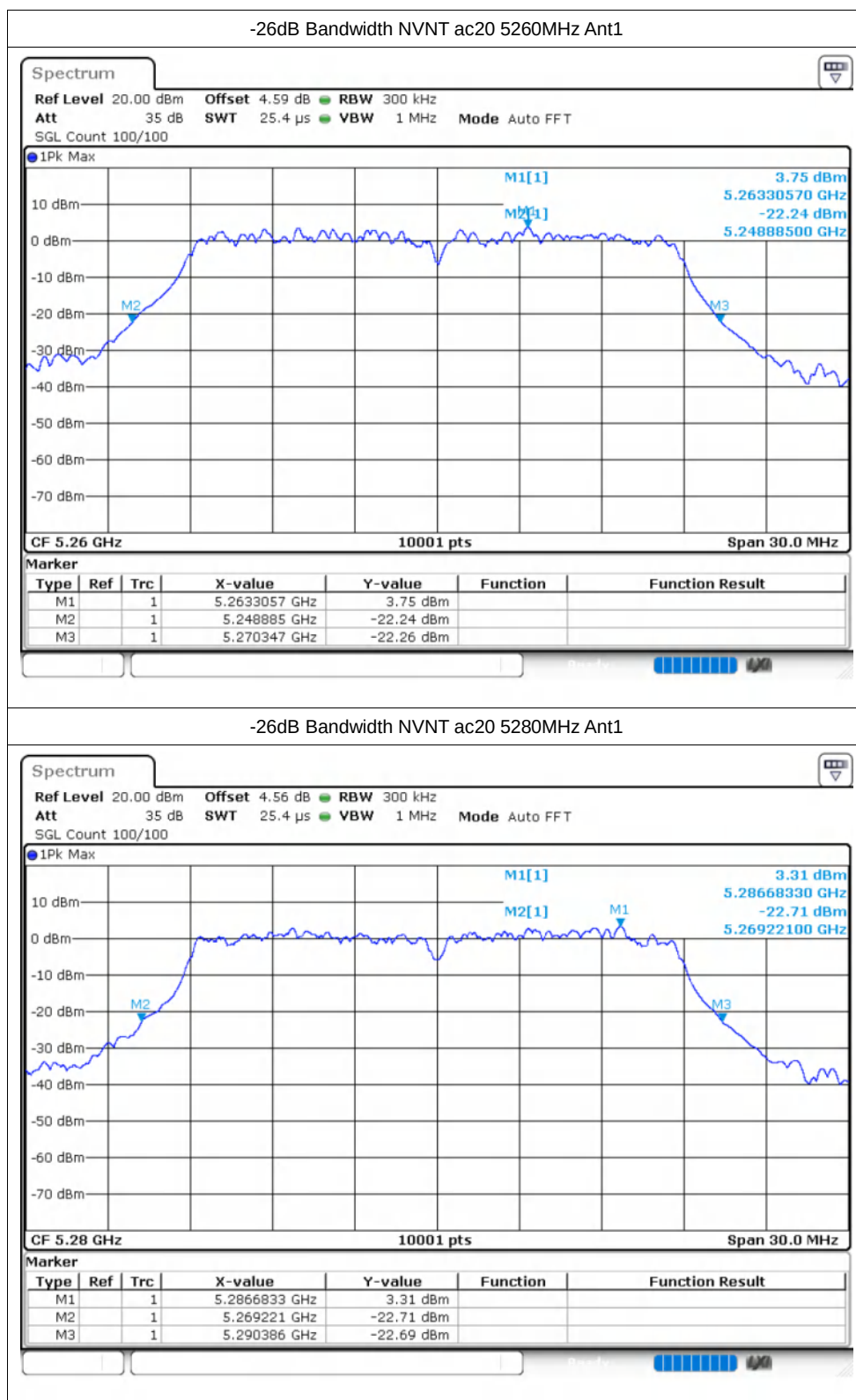
-26dB Bandwidth NVNT n40 5270MHz Ant1



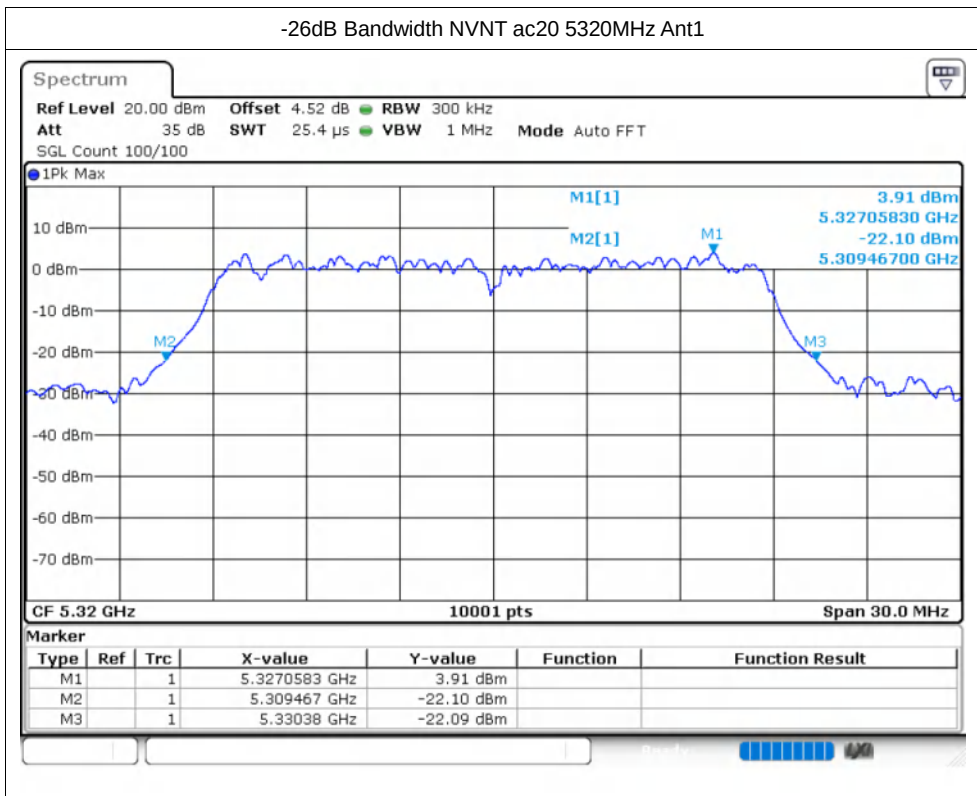
-26dB Bandwidth NVNT n40 5310MHz Ant1



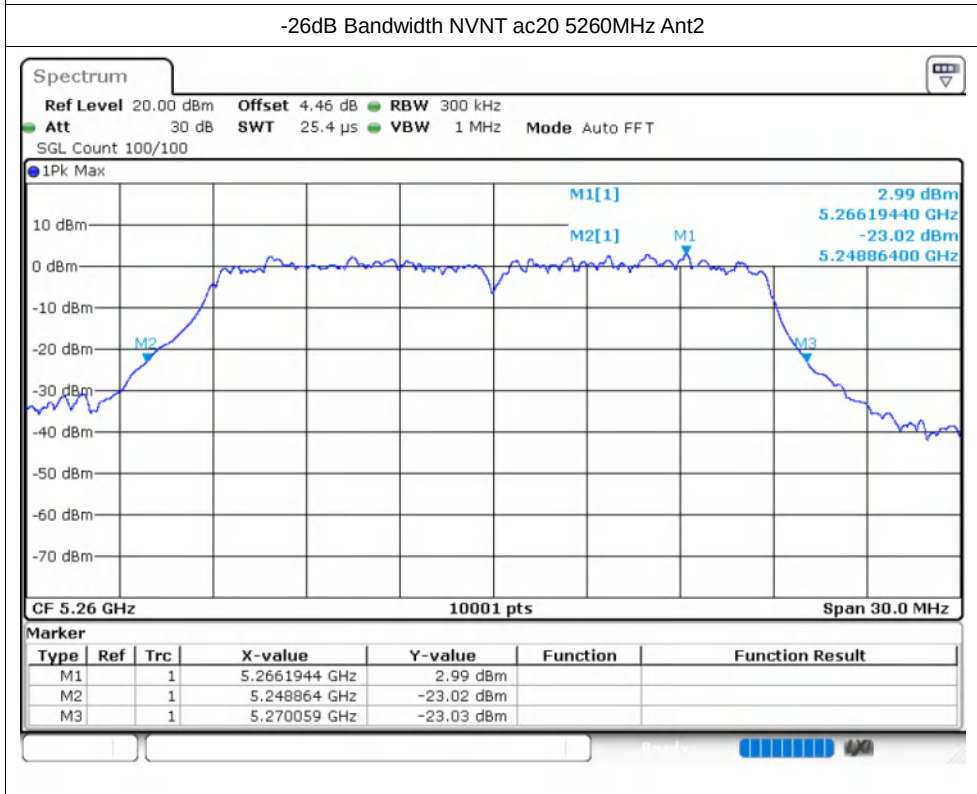




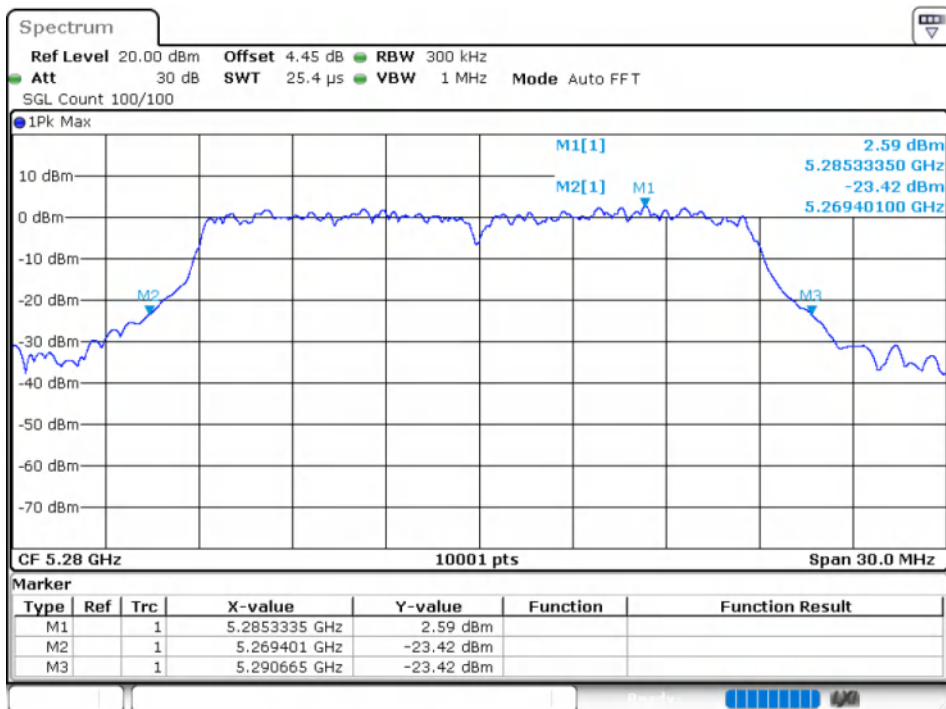
-26dB Bandwidth NVNT ac20 5320MHz Ant1



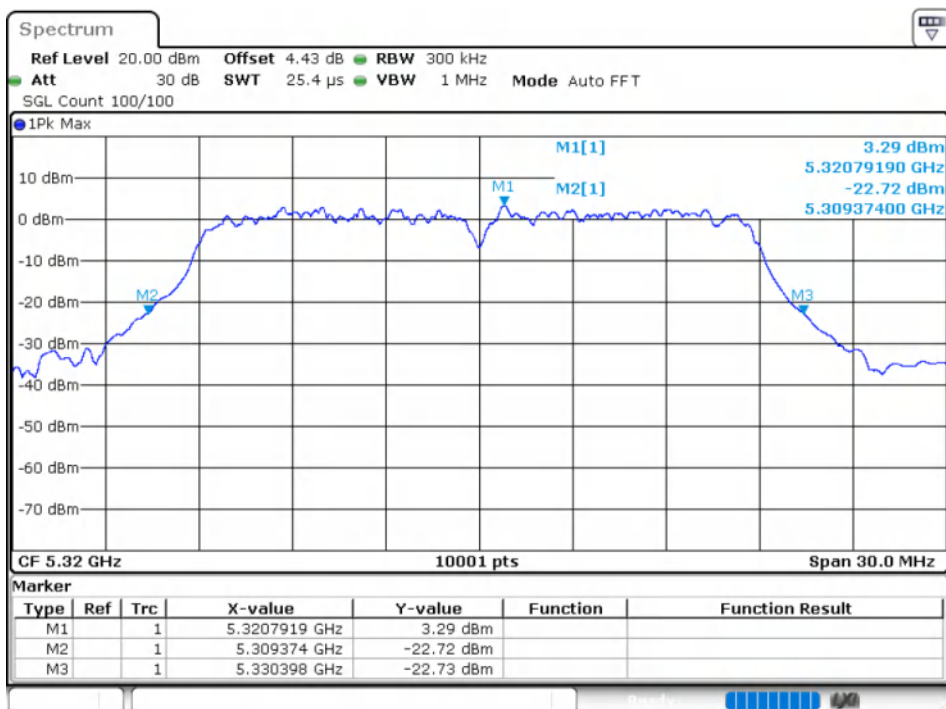
-26dB Bandwidth NVNT ac20 5260MHz Ant2

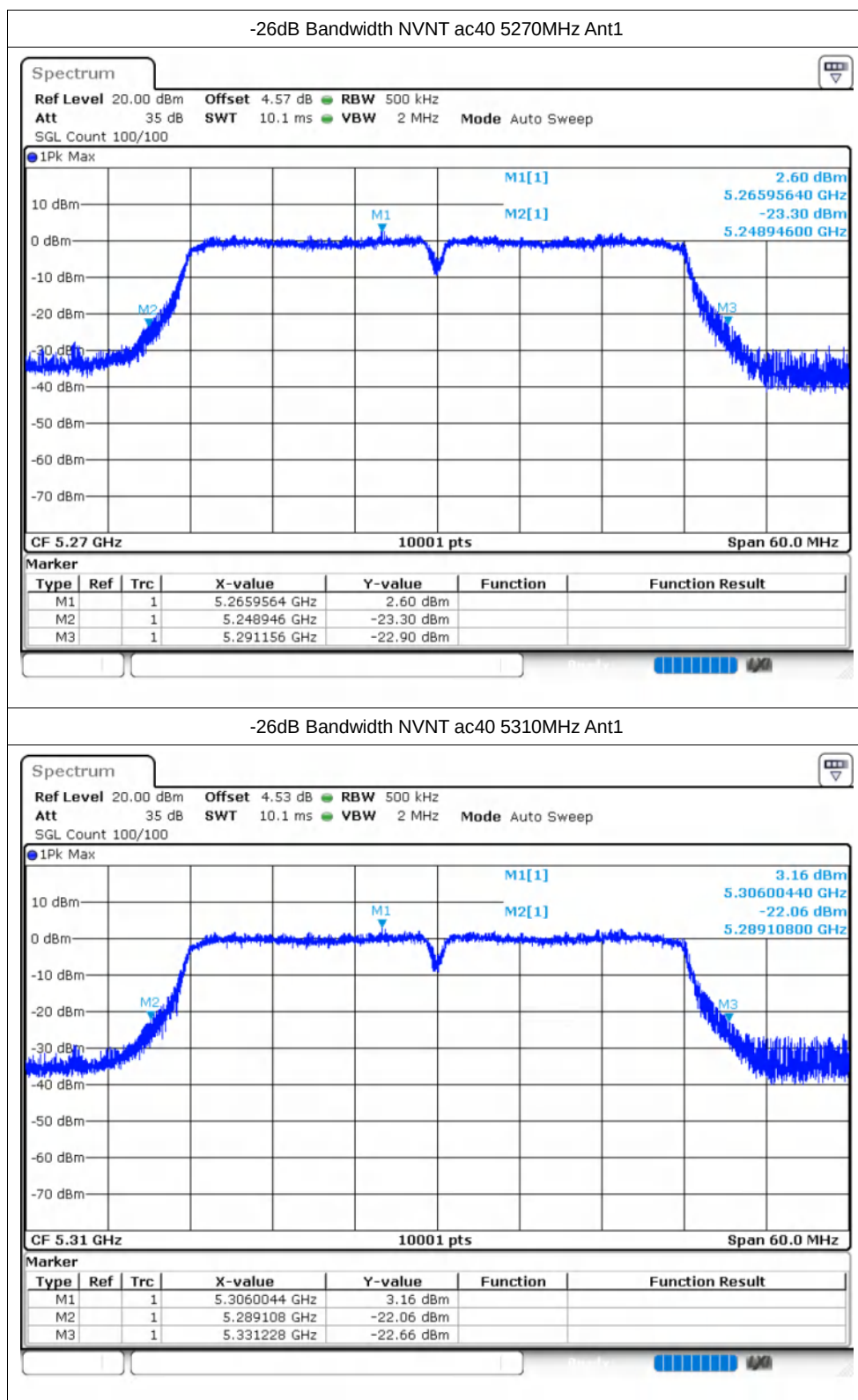


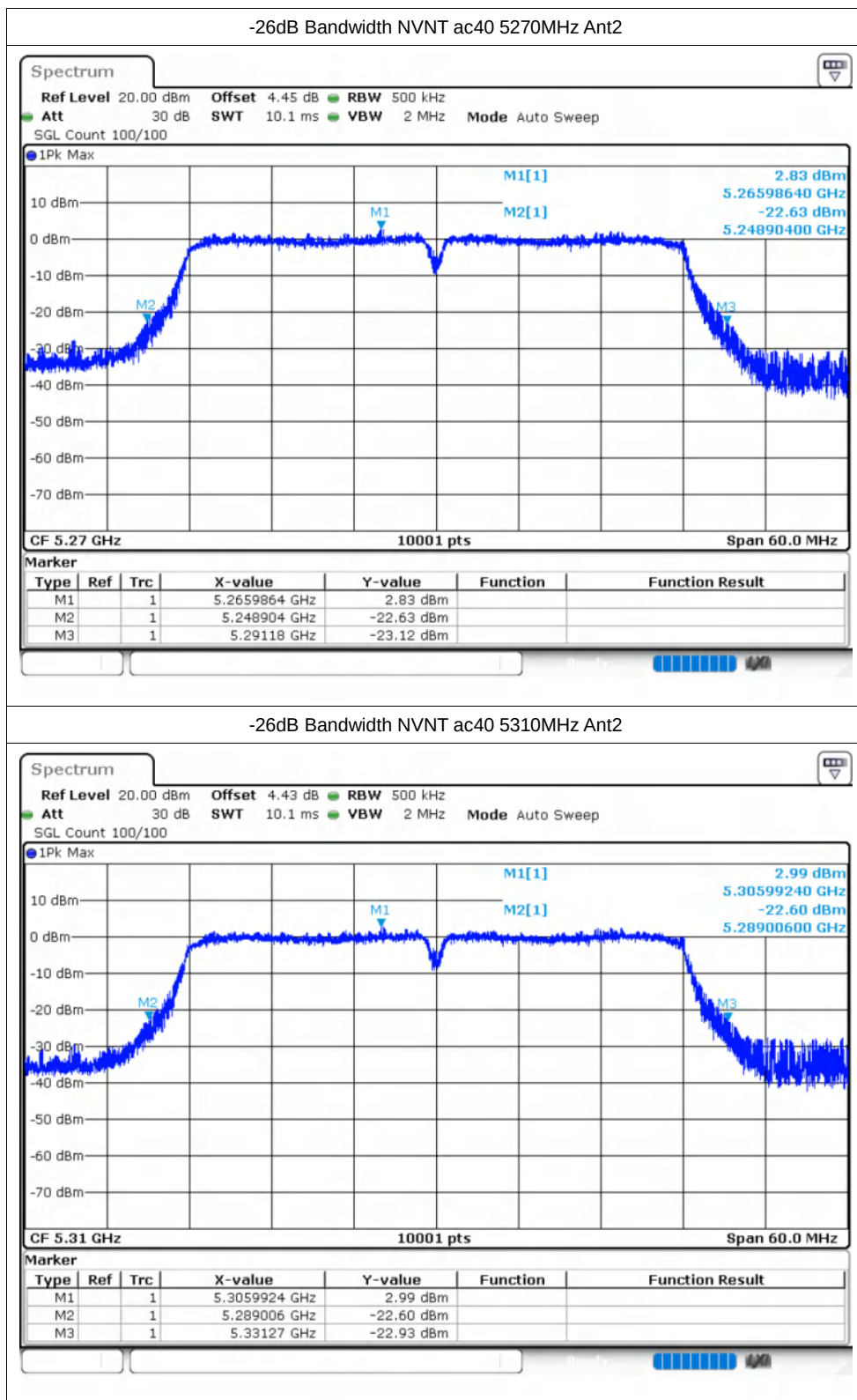
-26dB Bandwidth NVNT ac20 5280MHz Ant2



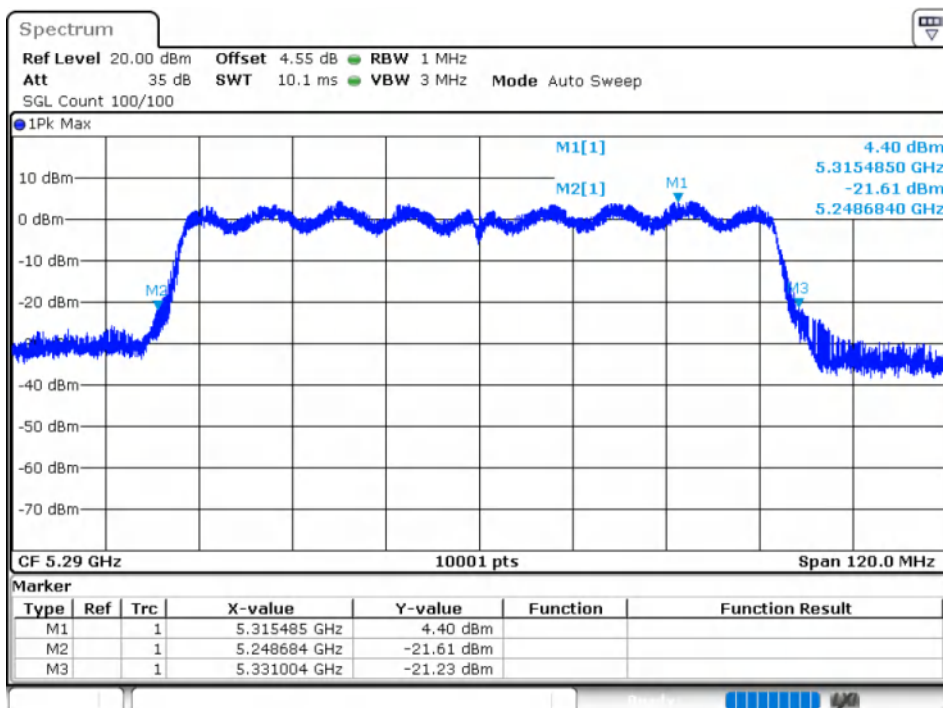
-26dB Bandwidth NVNT ac20 5320MHz Ant2







-26dB Bandwidth NVNT ac80 5290MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant2

