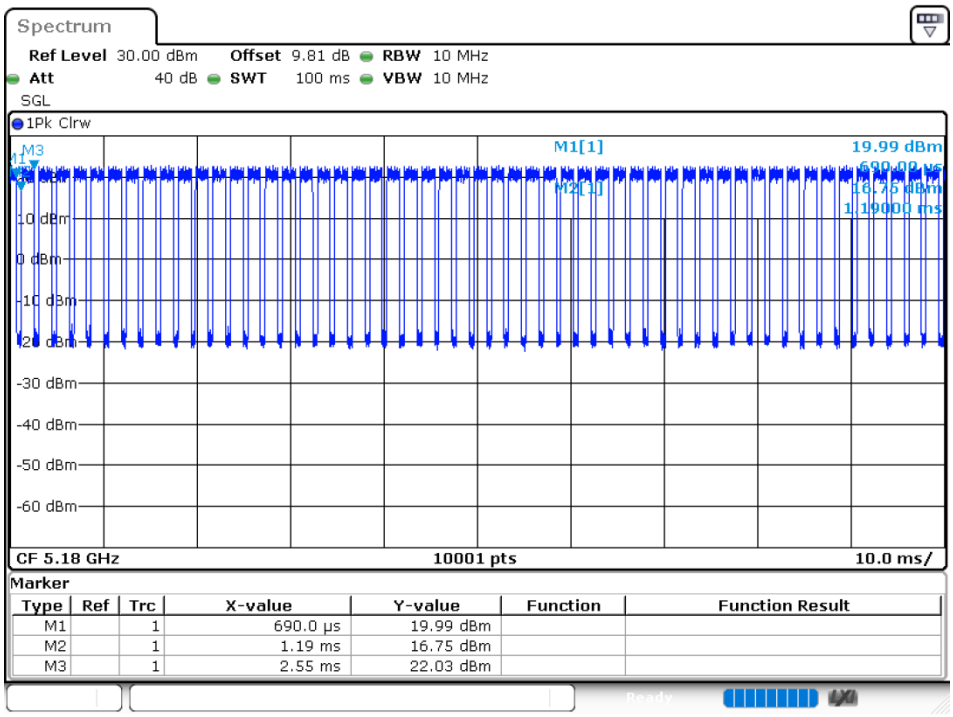
5.2G:

Duty Cycle

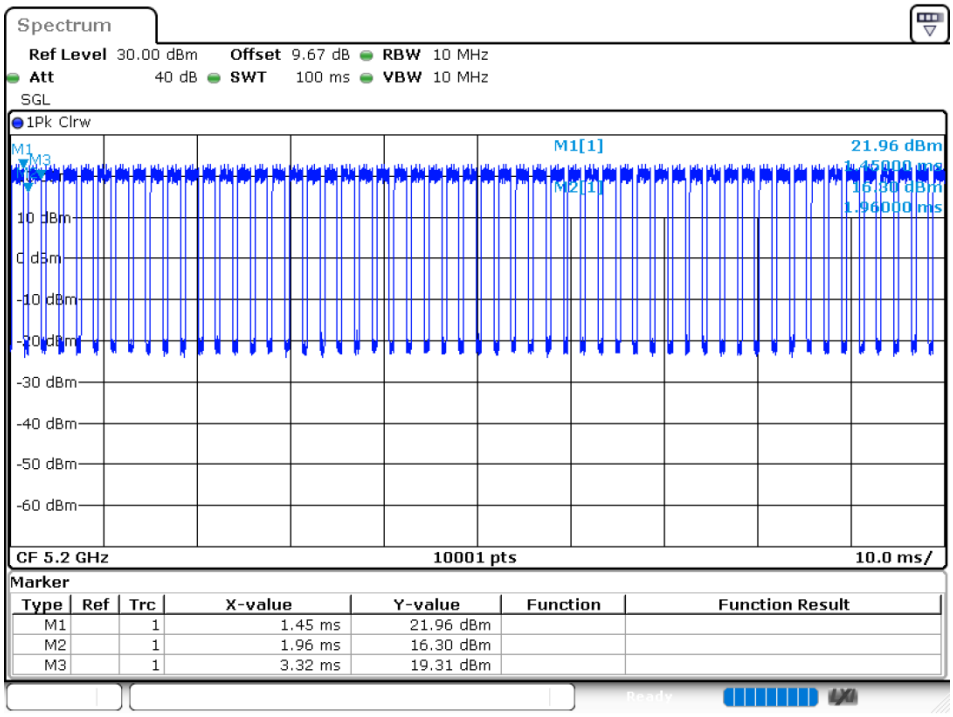
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	73.45	1.34	0.74
NVNT	a	5200	Ant1	73.85	1.32	0.74
NVNT	a	5240	Ant1	73.68	1.33	0.74
NVNT	a	5180	Ant2	73.99	1.31	0.74
NVNT	a	5200	Ant2	73.57	1.33	0.74
NVNT	a	5240	Ant2	73.82	1.32	0.74
NVNT	n20	5180	Ant1	72.46	1.4	0.78
NVNT	n20	5200	Ant1	72.05	1.42	0.79
NVNT	n20	5240	Ant1	71.98	1.43	0.79
NVNT	n20	5180	Ant2	72.14	1.42	0.79
NVNT	n20	5200	Ant2	72.27	1.41	0.79
NVNT	n20	5240	Ant2	72.12	1.42	0.79
NVNT	n40	5190	Ant1	56.54	2.48	1.59
NVNT	n40	5230	Ant1	56.54	2.48	1.59
NVNT	n40	5190	Ant2	56.62	2.47	1.59
NVNT	n40	5230	Ant2	56.68	2.47	1.56
NVNT	ac20	5180	Ant1	72.47	1.4	0.78
NVNT	ac20	5200	Ant1	72.47	1.4	0.78
NVNT	ac20	5240	Ant1	72.47	1.4	0.79
NVNT	ac20	5180	Ant2	72.09	1.42	0.78
NVNT	ac20	5200	Ant2	72.51	1.4	0.78
NVNT	ac20	5240	Ant2	72.52	1.4	0.78
NVNT	ac40	5190	Ant1	56.79	2.46	1.59
NVNT	ac40	5230	Ant1	56.76	2.46	1.56
NVNT	ac40	5190	Ant2	56.81	2.46	1.59
NVNT	ac40	5230	Ant2	56.79	2.46	1.56
NVNT	ac80	5210	Ant1	13.13	8.82	14.29
NVNT	ac80	5210	Ant2	40.02	3.98	3.12

Test Graphs

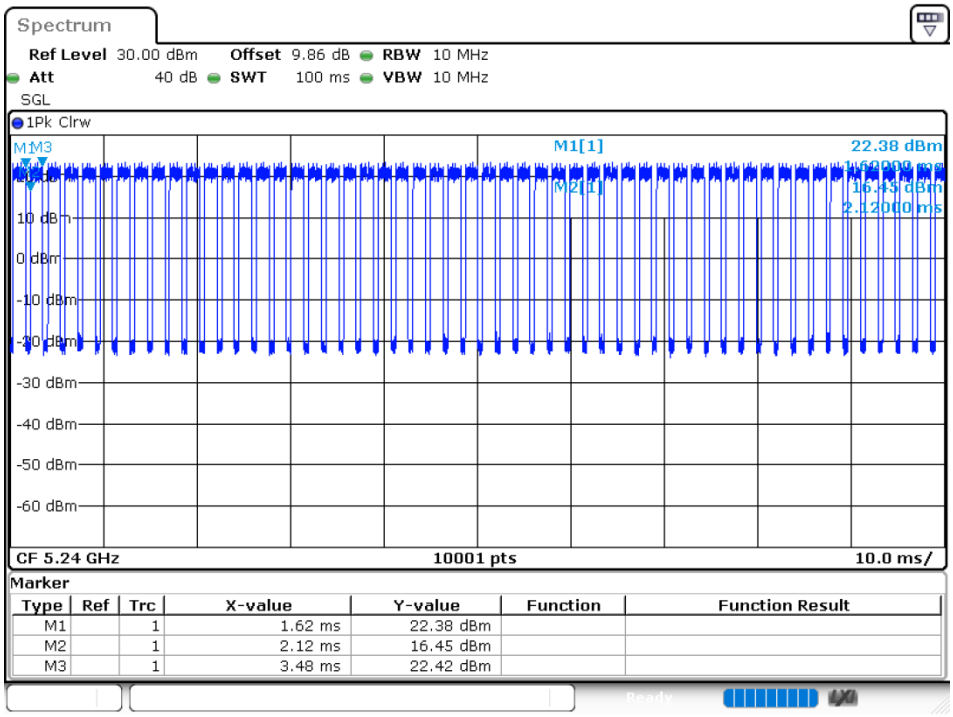
Duty Cycle NVNT a 5180MHz Ant1



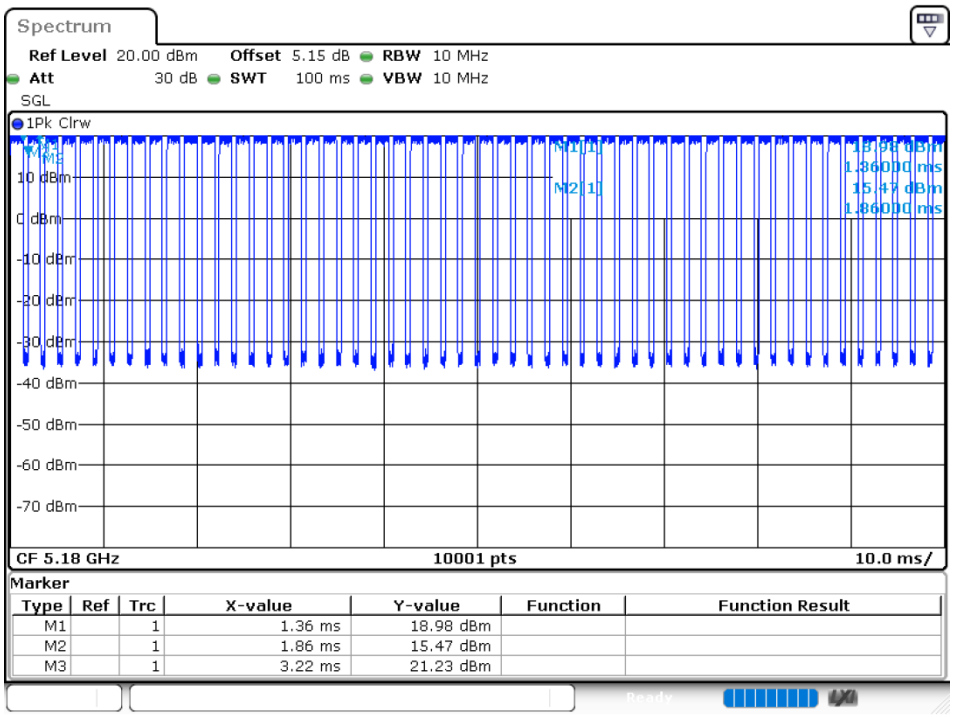
Duty Cycle NVNT a 5200MHz Ant1



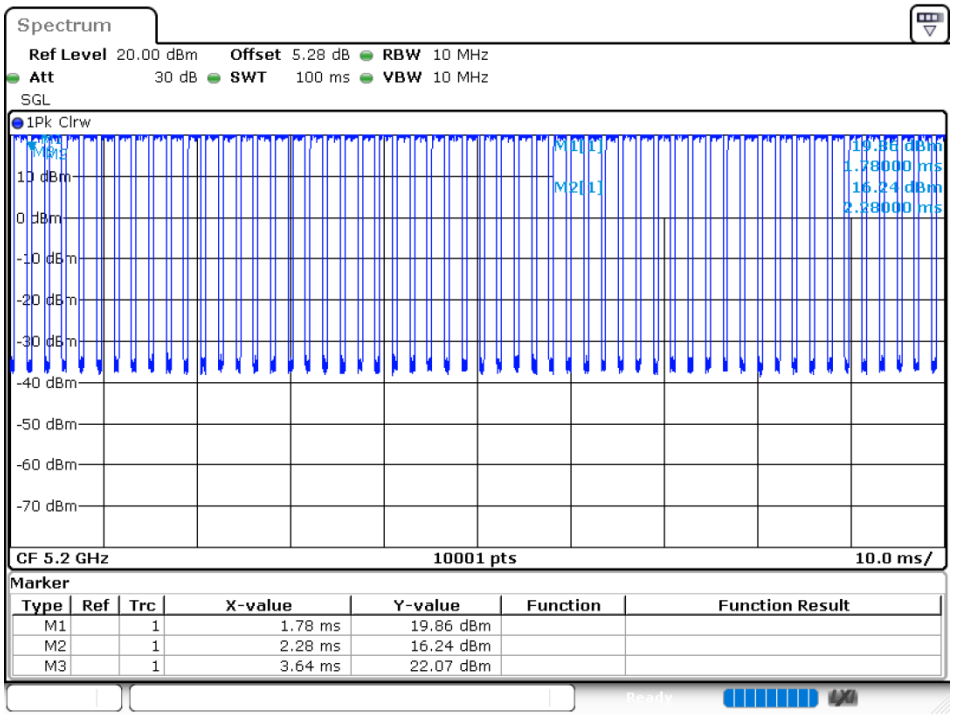
Duty Cycle NVNT a 5240MHz Ant1



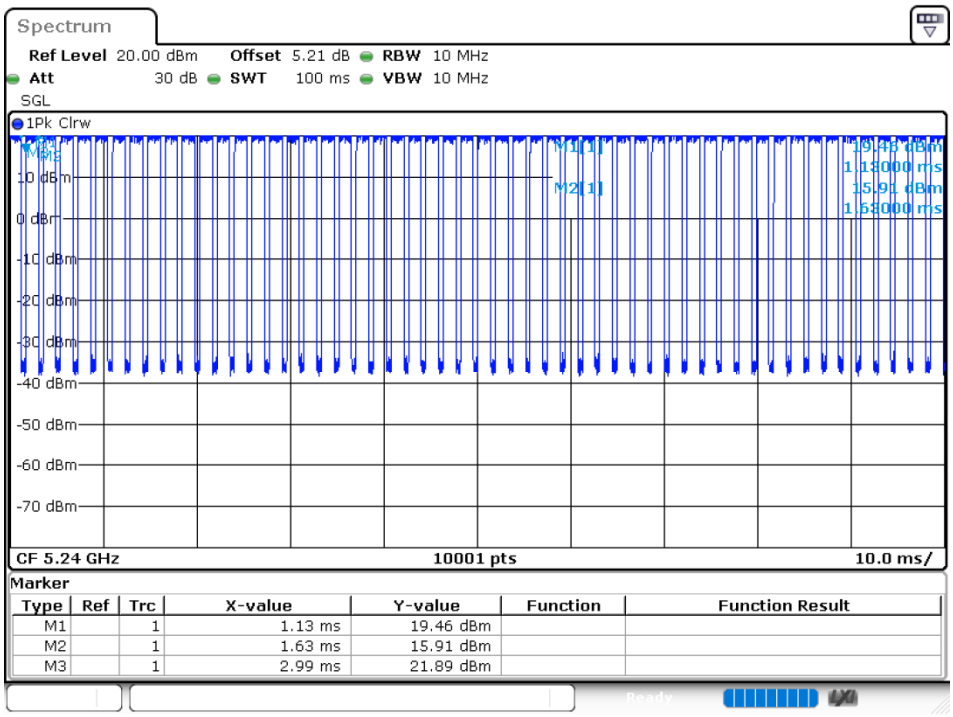
Duty Cycle NVNT a 5180MHz Ant2



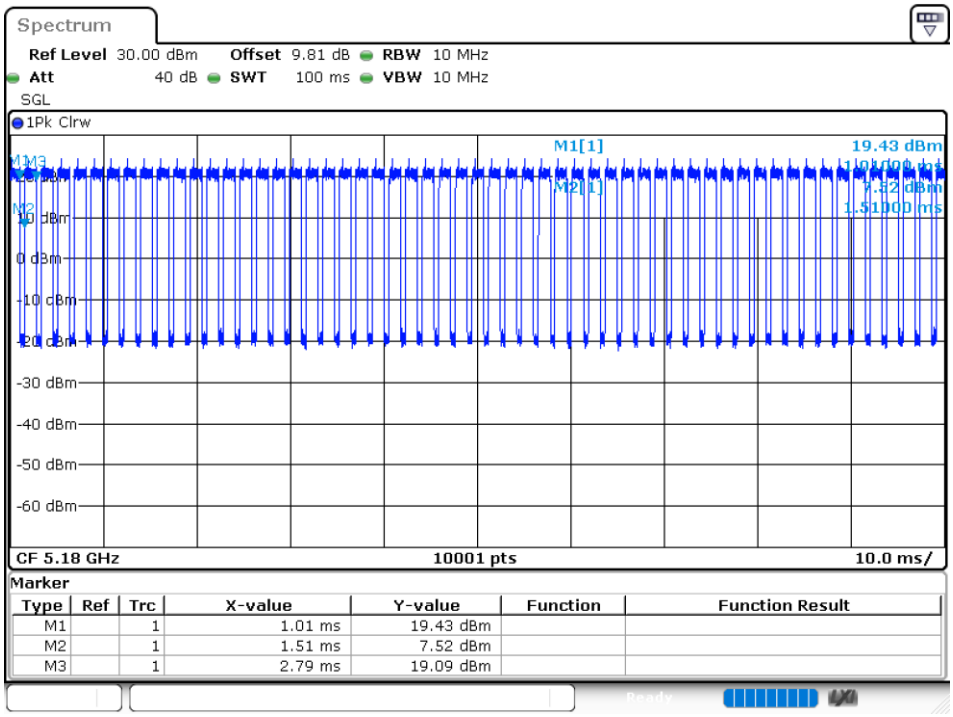
Duty Cycle NVNT a 5200MHz Ant2



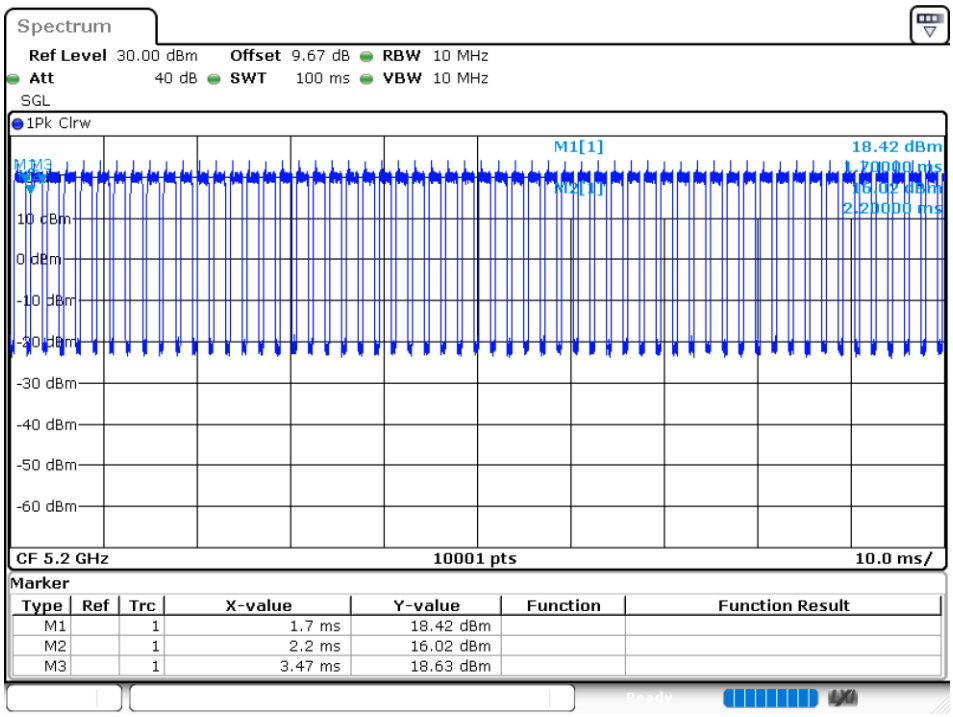
Duty Cycle NVNT a 5240MHz Ant2



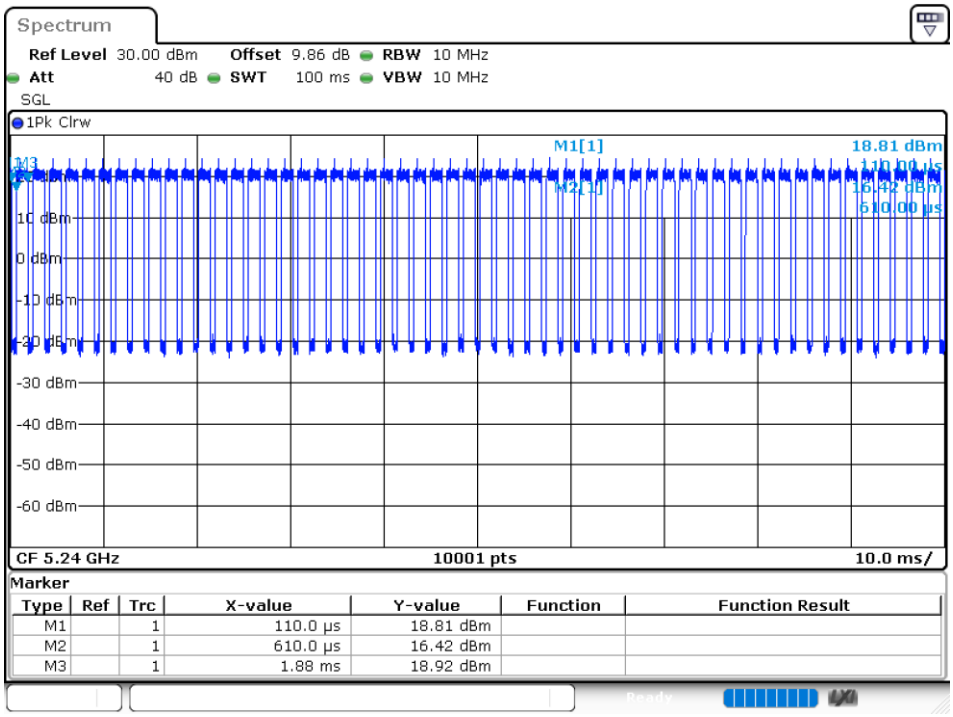
Duty Cycle NVNT n20 5180MHz Ant1



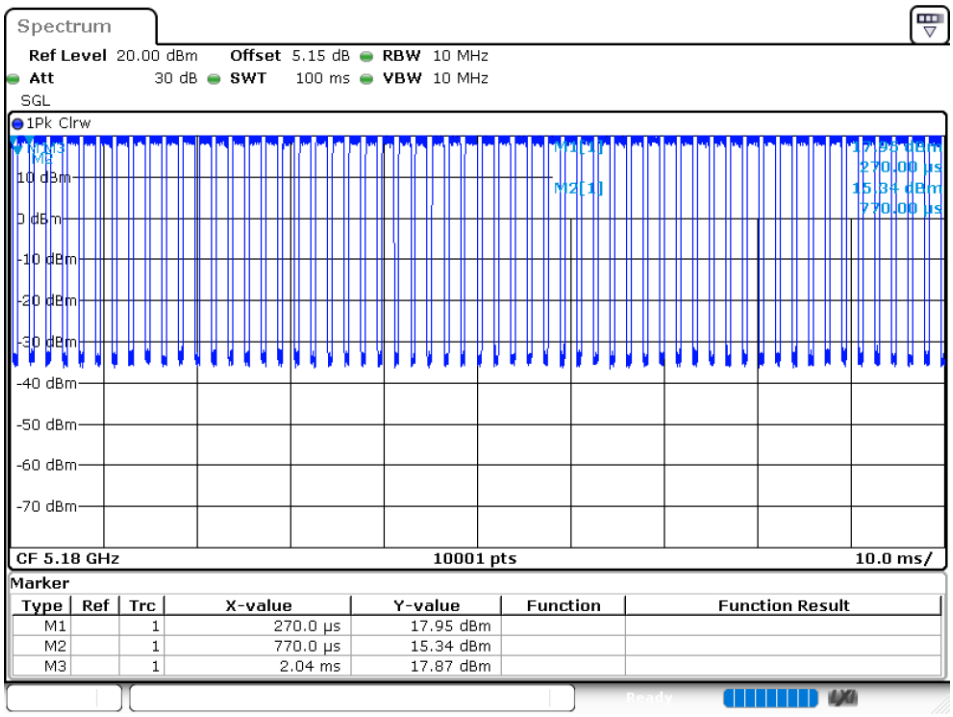
Duty Cycle NVNT n20 5200MHz Ant1



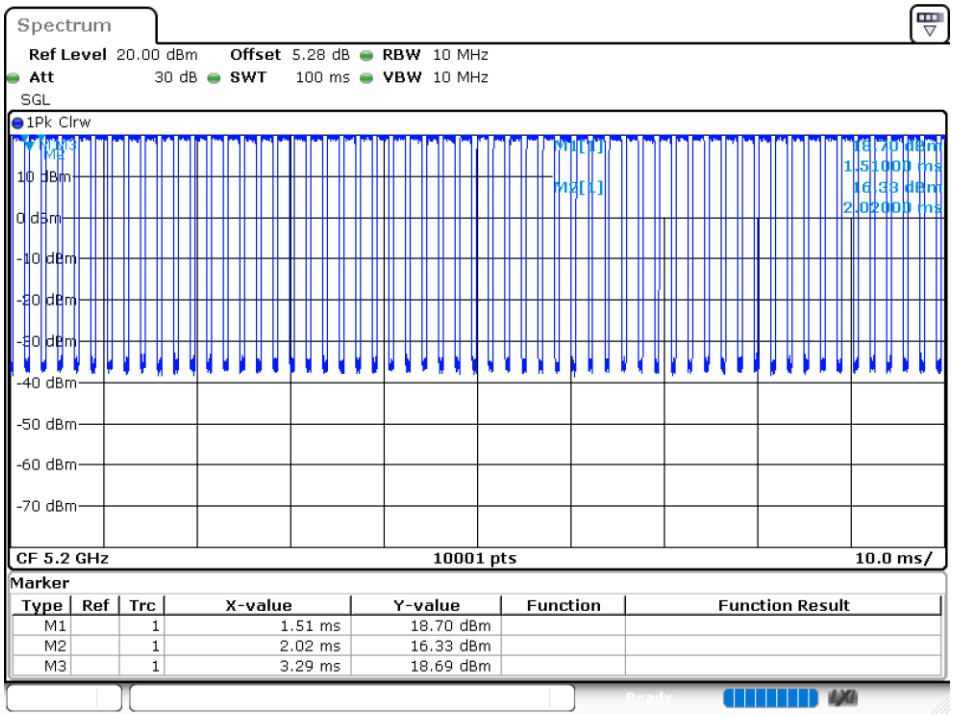
Duty Cycle NVNT n20 5240MHz Ant1



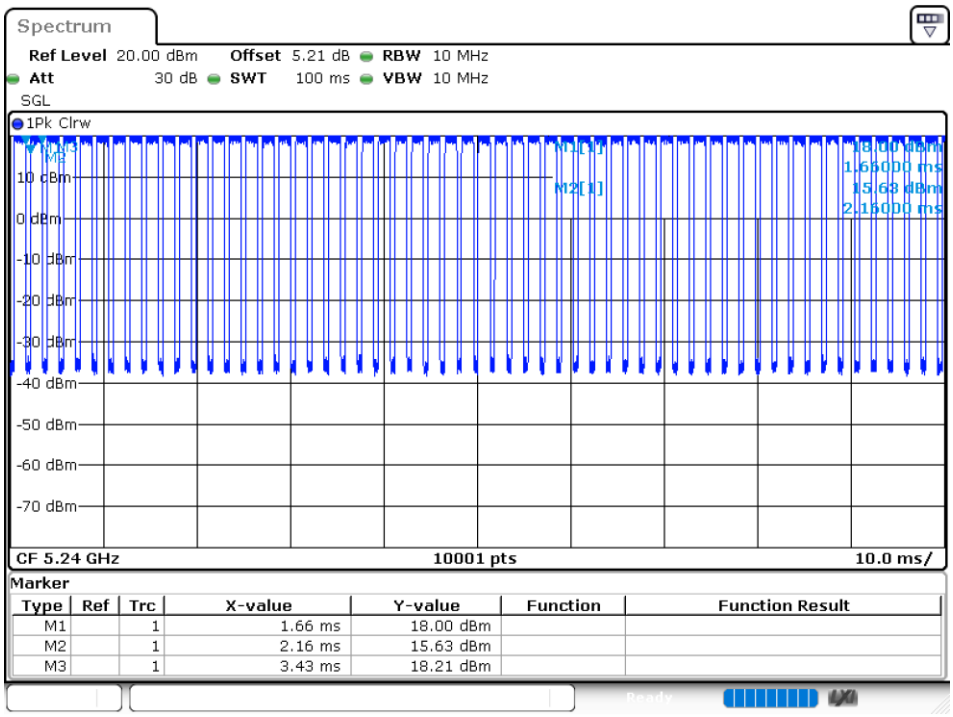
Duty Cycle NVNT n20 5180MHz Ant2



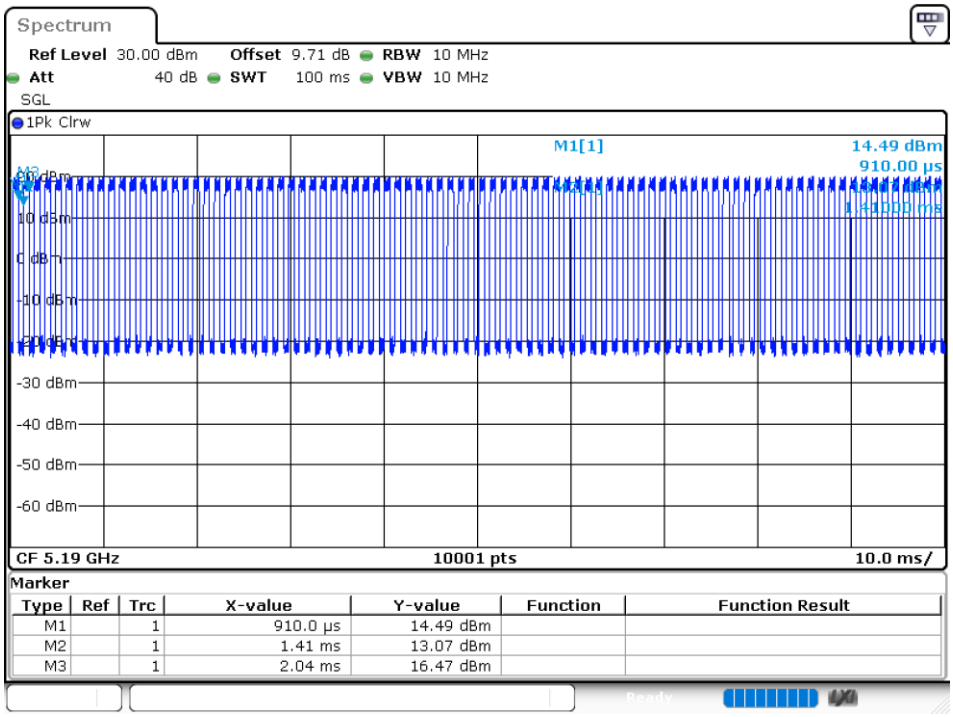
Duty Cycle NVNT n20 5200MHz Ant2



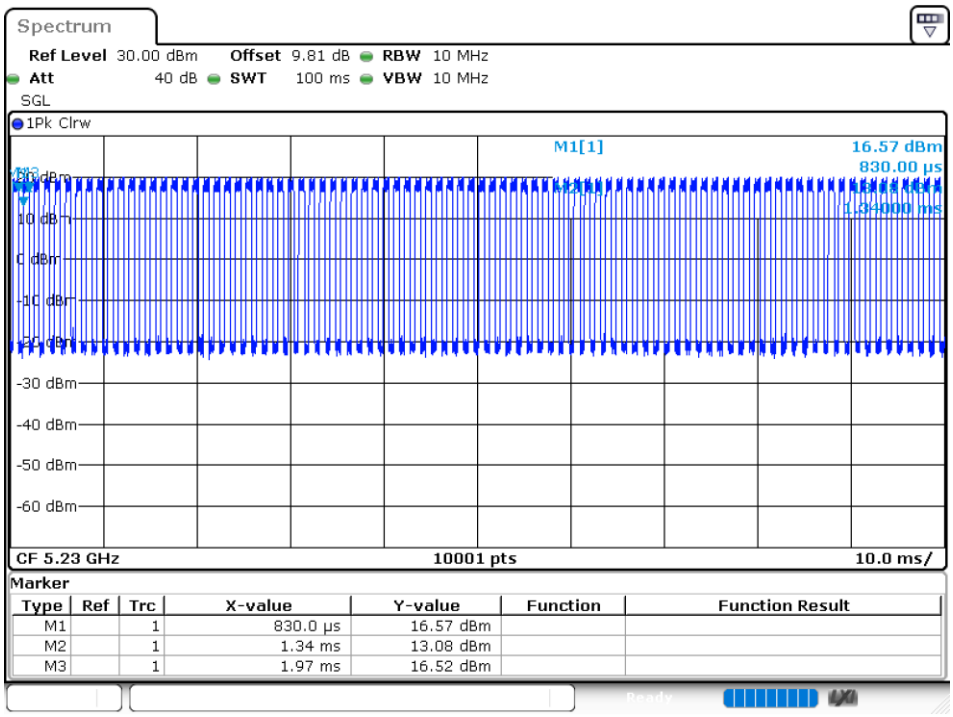
Duty Cycle NVNT n20 5240MHz Ant2



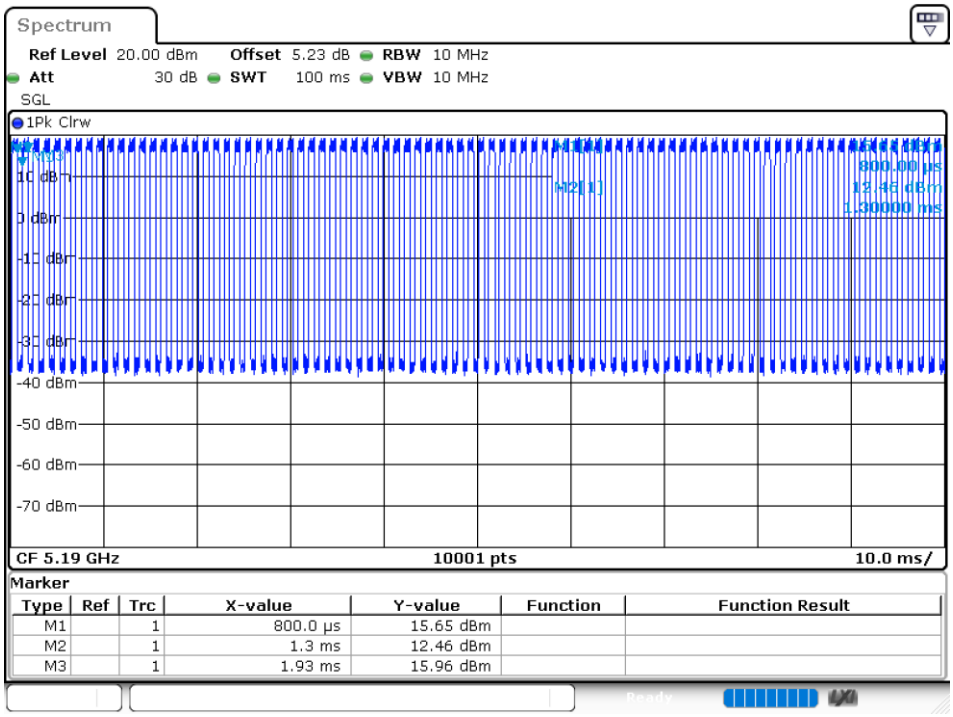
Duty Cycle NVNT n40 5190MHz Ant1



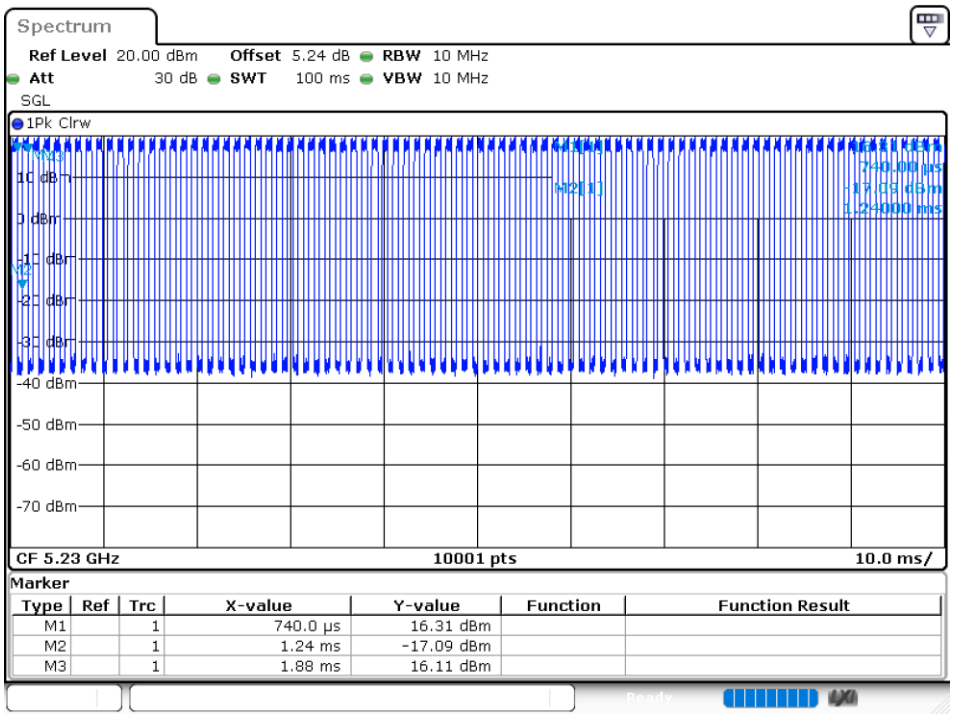
Duty Cycle NVNT n40 5230MHz Ant1



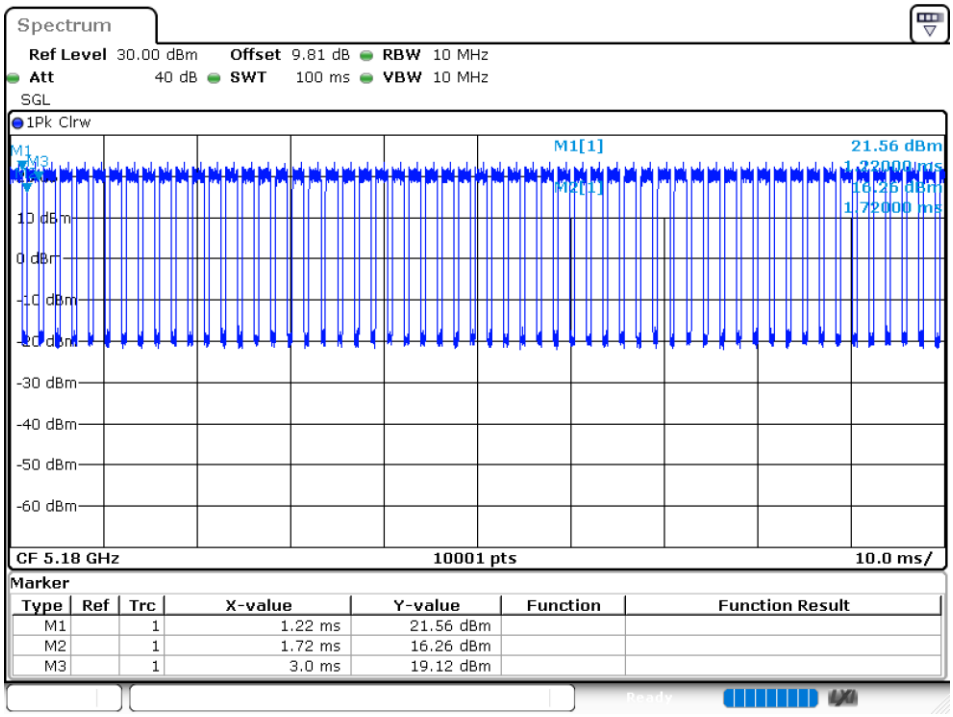
Duty Cycle NVNT n40 5190MHz Ant2



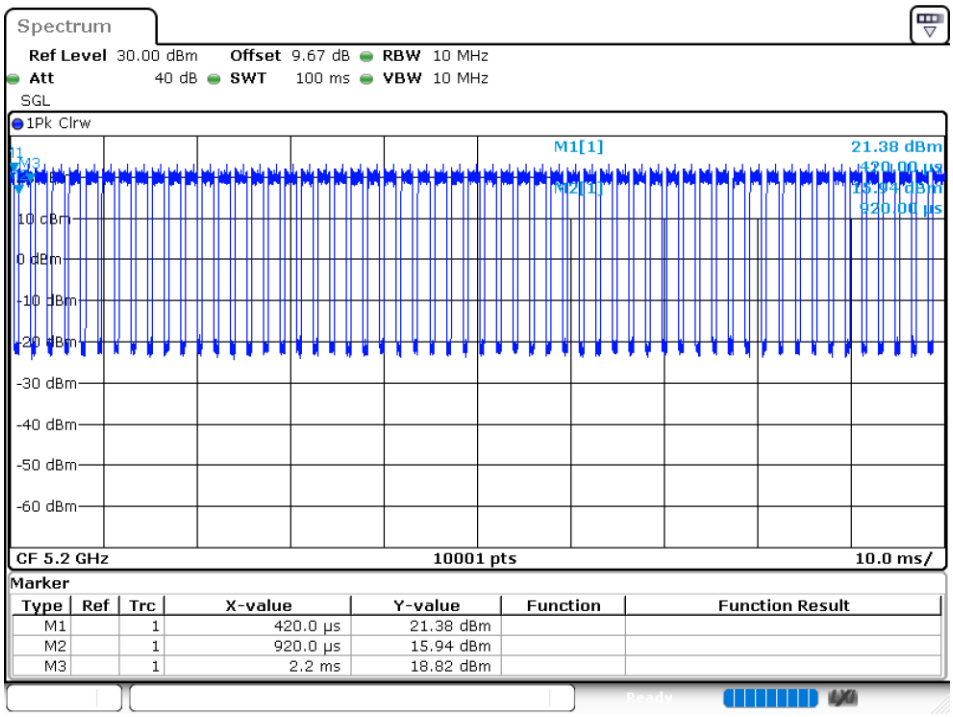
Duty Cycle NVNT n40 5230MHz Ant2



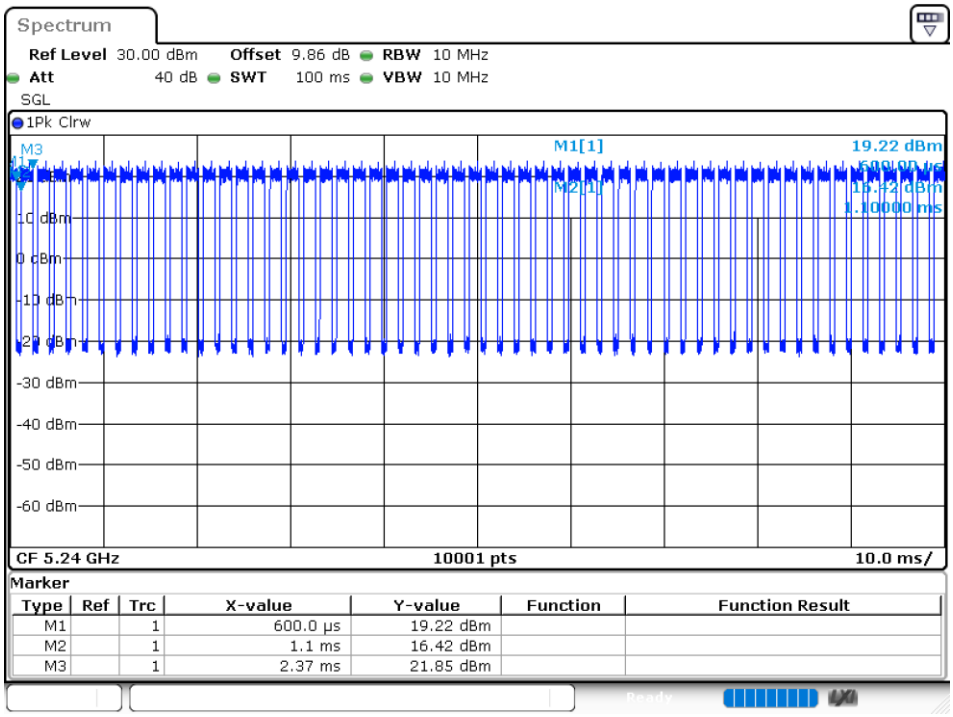
Duty Cycle NVNT ac20 5180MHz Ant1



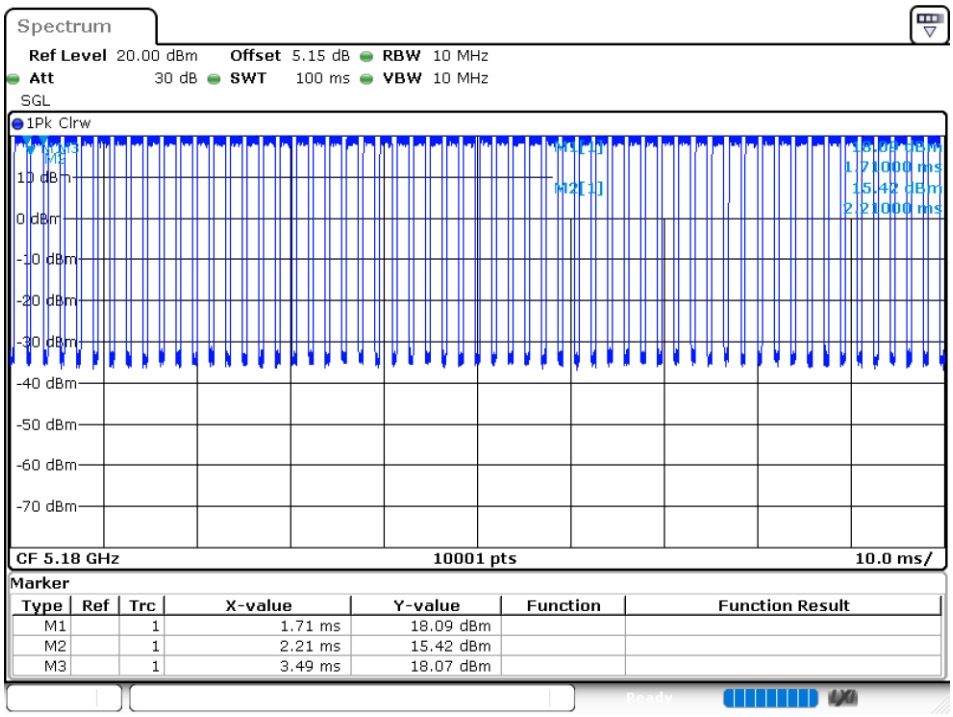
Duty Cycle NVNT ac20 5200MHz Ant1



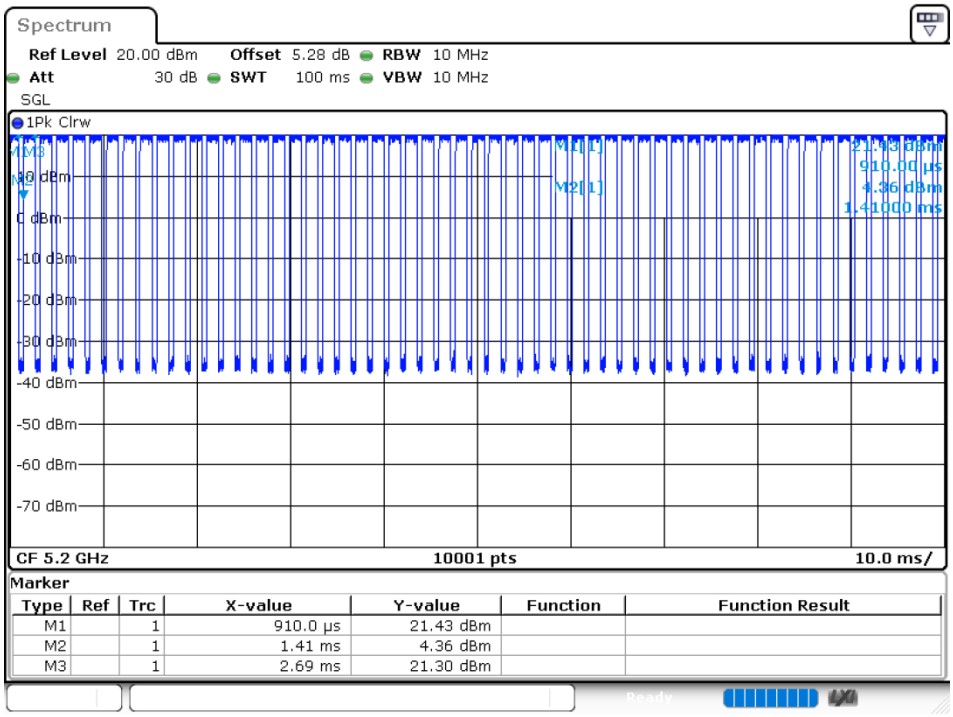
Duty Cycle NVNT ac20 5240MHz Ant1



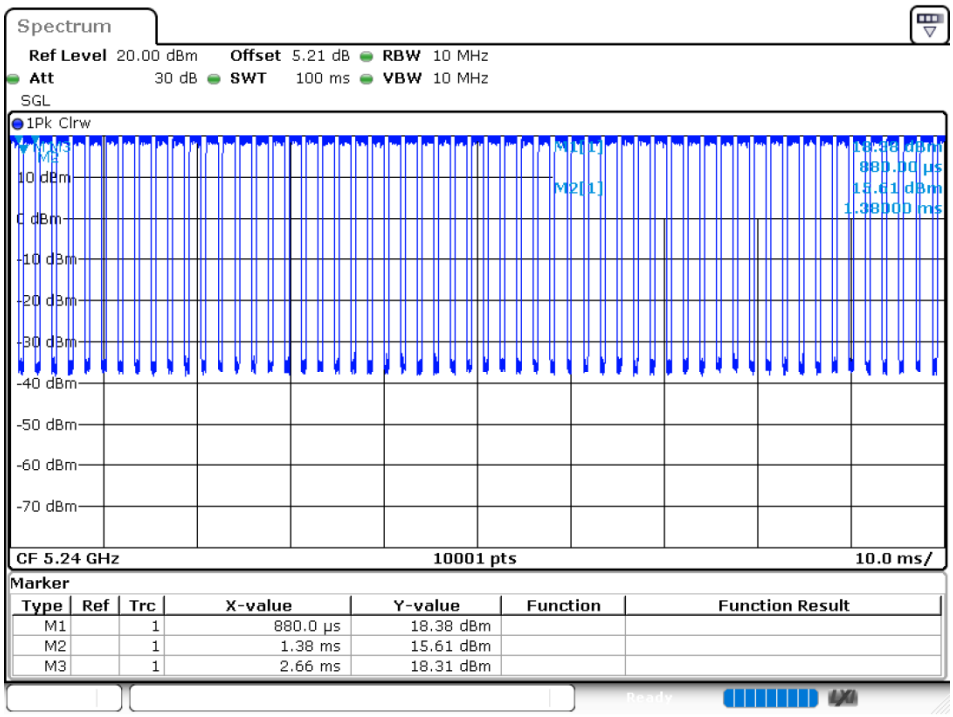
Duty Cycle NVNT ac20 5180MHz Ant2



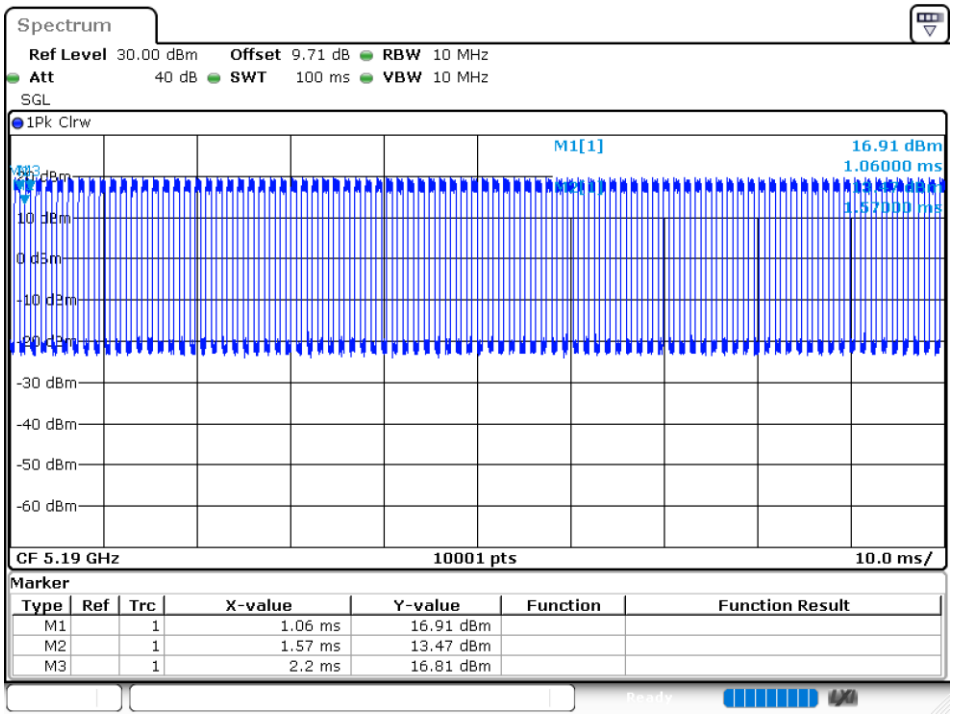
Duty Cycle NVNT ac20 5200MHz Ant2



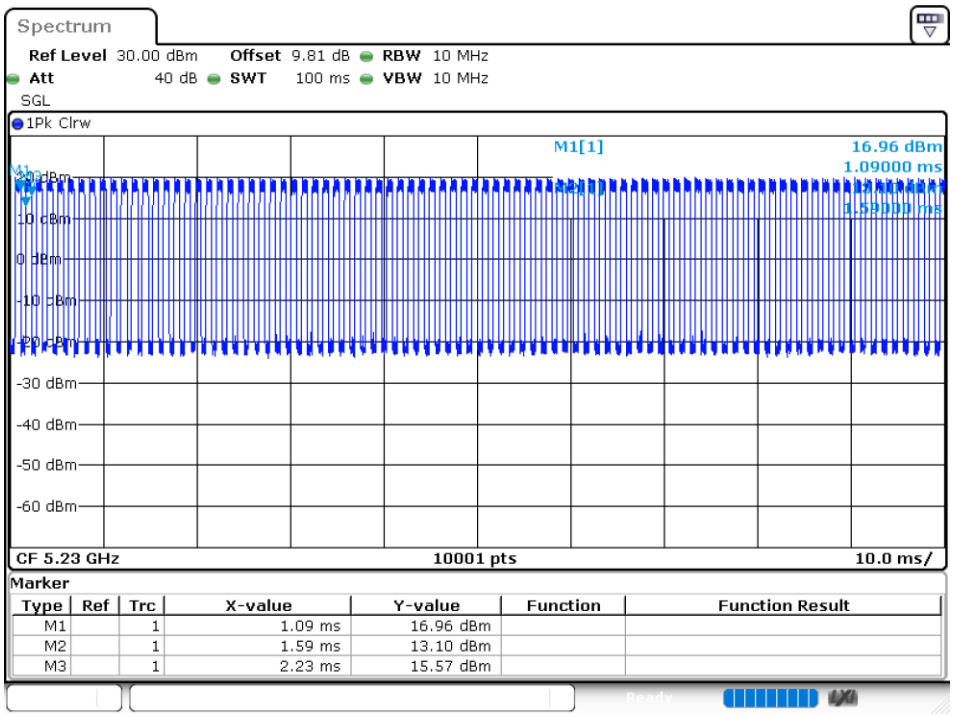
Duty Cycle NVNT ac20 5240MHz Ant2



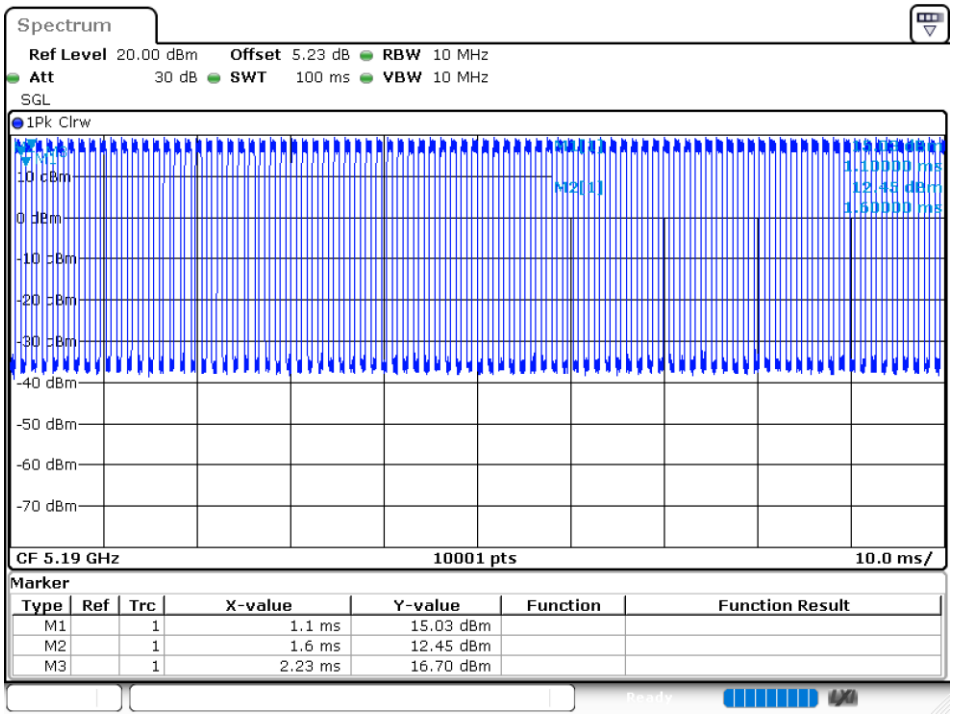
Duty Cycle NVNT ac40 5190MHz Ant1



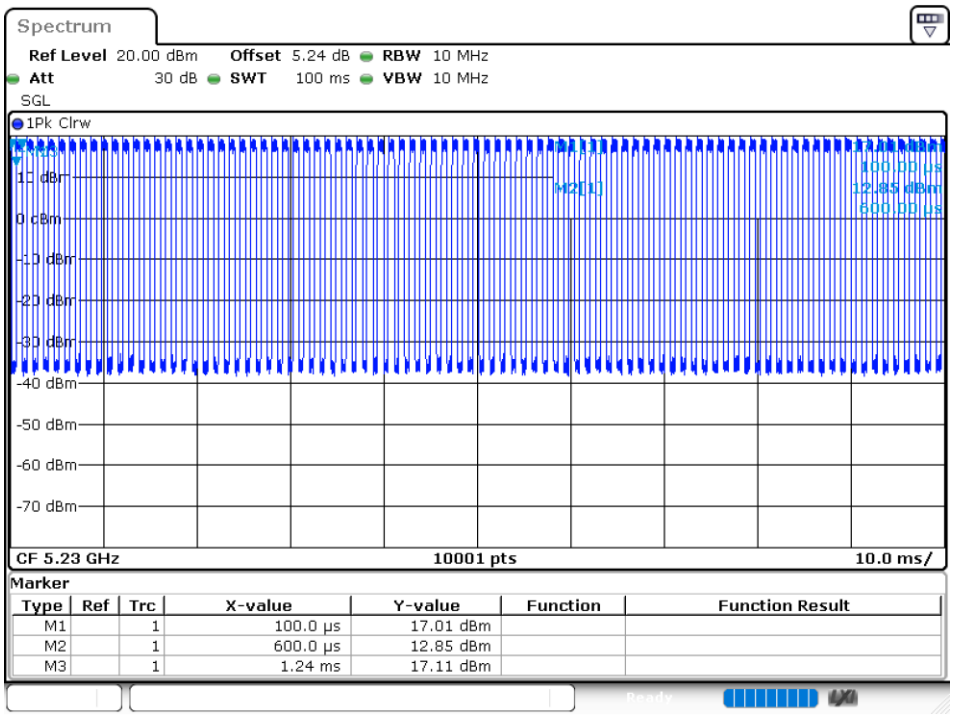
Duty Cycle NVNT ac40 5230MHz Ant1



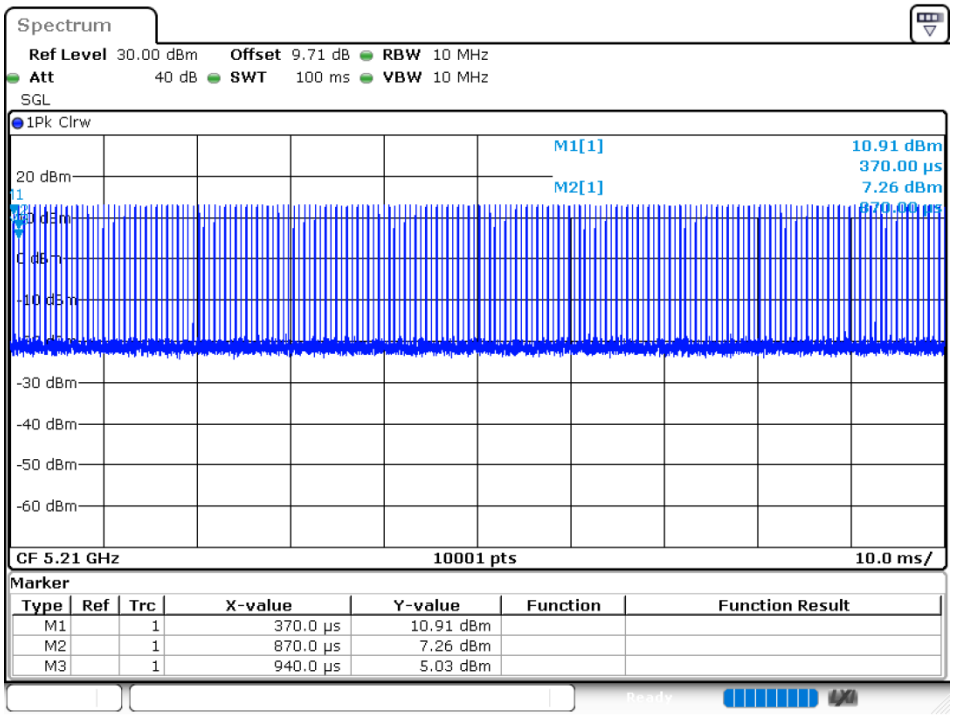
Duty Cycle NVNT ac40 5190MHz Ant2



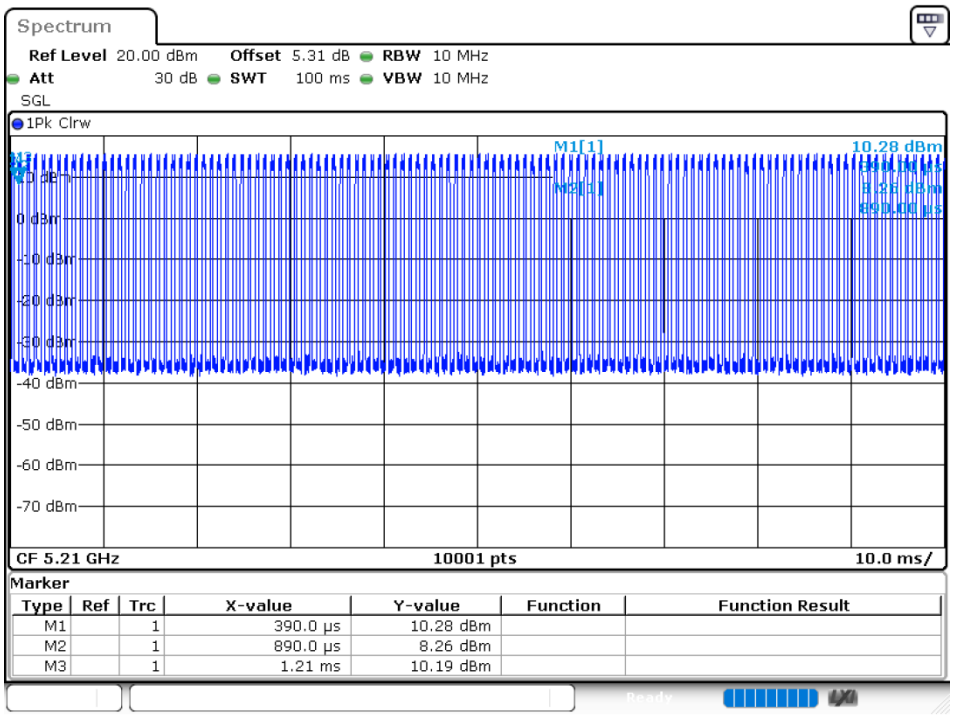
Duty Cycle NVNT ac40 5230MHz Ant2



Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant2



Maximum Conducted Output Power

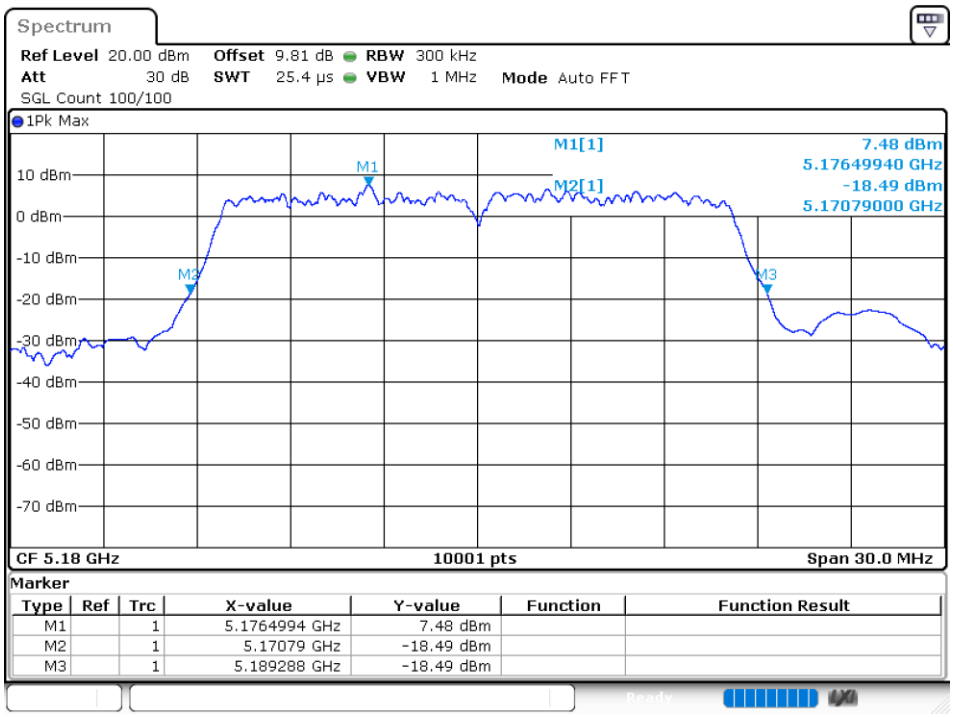
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.4	24	Pass
NVNT	a	5200	Ant1	14.26	24	Pass
NVNT	a	5240	Ant1	14.11	24	Pass
NVNT	a	5180	Ant2	14.66	24	Pass
NVNT	a	5200	Ant2	14.32	24	Pass
NVNT	a	5240	Ant2	14.5	24	Pass
NVNT	n20	5180	Ant1	14.49	24	Pass
NVNT	n20	5200	Ant1	14.3	24	Pass
NVNT	n20	5240	Ant1	14.09	24	Pass
NVNT	n20	5180	Ant2	14.43	24	Pass
NVNT	n20	5200	Ant2	14.21	24	Pass
NVNT	n20	5240	Ant2	14.2	24	Pass
NVNT	n40	5190	Ant1	14.28	24	Pass
NVNT	n40	5230	Ant1	14.16	24	Pass
NVNT	n40	5190	Ant2	14.28	24	Pass
NVNT	n40	5230	Ant2	14.61	24	Pass
NVNT	ac20	5180	Ant1	14.03	24	Pass
NVNT	ac20	5200	Ant1	14.26	24	Pass
NVNT	ac20	5240	Ant1	14.1	24	Pass
NVNT	ac20	5180	Ant2	14.43	24	Pass
NVNT	ac20	5200	Ant2	14.1	24	Pass
NVNT	ac20	5240	Ant2	14.1	24	Pass
NVNT	ac40	5190	Ant1	14.1	24	Pass
NVNT	ac40	5230	Ant1	14.23	24	Pass
NVNT	ac40	5190	Ant2	14.36	24	Pass
NVNT	ac40	5230	Ant2	14.69	24	Pass
NVNT	ac80	5210	Ant1	13.05	24	Pass
NVNT	ac80	5210	Ant2	14.37	24	Pass

-26dB Bandwidth

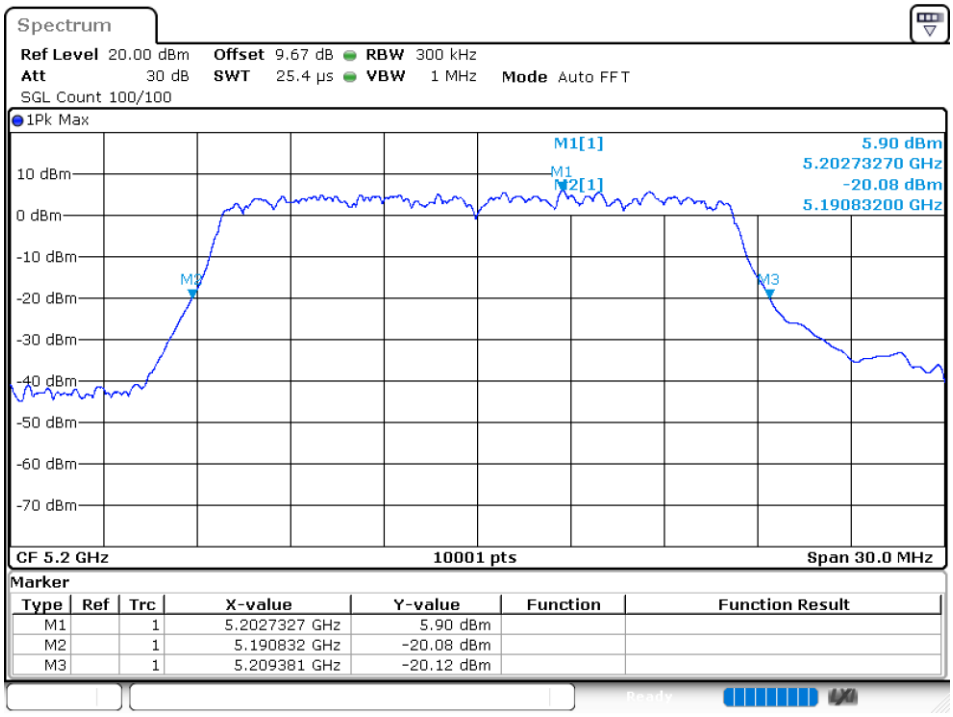
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.498	Pass
NVNT	a	5200	Ant1	18.549	Pass
NVNT	a	5240	Ant1	18.465	Pass
NVNT	a	5180	Ant2	18.186	Pass
NVNT	a	5200	Ant2	18.348	Pass
NVNT	a	5240	Ant2	18.513	Pass
NVNT	n20	5180	Ant1	19.494	Pass
NVNT	n20	5200	Ant1	19.437	Pass
NVNT	n20	5240	Ant1	19.671	Pass
NVNT	n20	5180	Ant2	19.302	Pass
NVNT	n20	5200	Ant2	19.533	Pass
NVNT	n20	5240	Ant2	19.455	Pass
NVNT	n40	5190	Ant1	41.556	Pass
NVNT	n40	5230	Ant1	41.472	Pass
NVNT	n40	5190	Ant2	41.718	Pass
NVNT	n40	5230	Ant2	41.826	Pass
NVNT	ac20	5180	Ant1	19.371	Pass
NVNT	ac20	5200	Ant1	19.587	Pass
NVNT	ac20	5240	Ant1	19.527	Pass
NVNT	ac20	5180	Ant2	19.701	Pass
NVNT	ac20	5200	Ant2	19.545	Pass
NVNT	ac20	5240	Ant2	19.74	Pass
NVNT	ac40	5190	Ant1	41.484	Pass
NVNT	ac40	5230	Ant1	41.724	Pass
NVNT	ac40	5190	Ant2	41.922	Pass
NVNT	ac40	5230	Ant2	41.892	Pass
NVNT	ac80	5210	Ant1	81.06	Pass
NVNT	ac80	5210	Ant2	81.384	Pass

Test Graphs

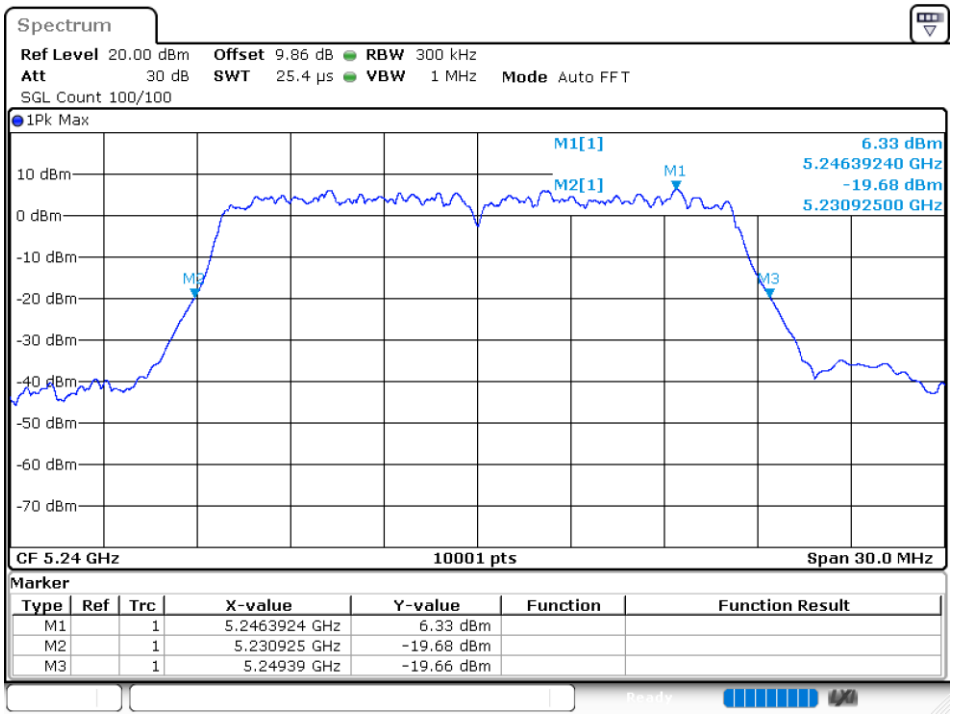
-26dB Bandwidth NVNT a 5180MHz Ant1



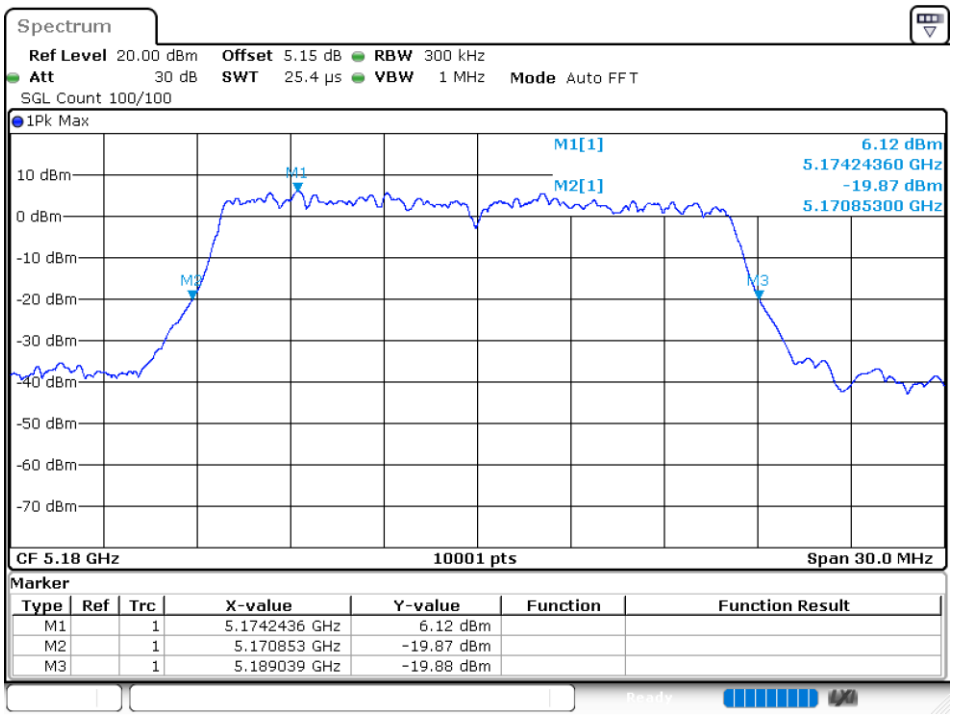
-26dB Bandwidth NVNT a 5200MHz Ant1



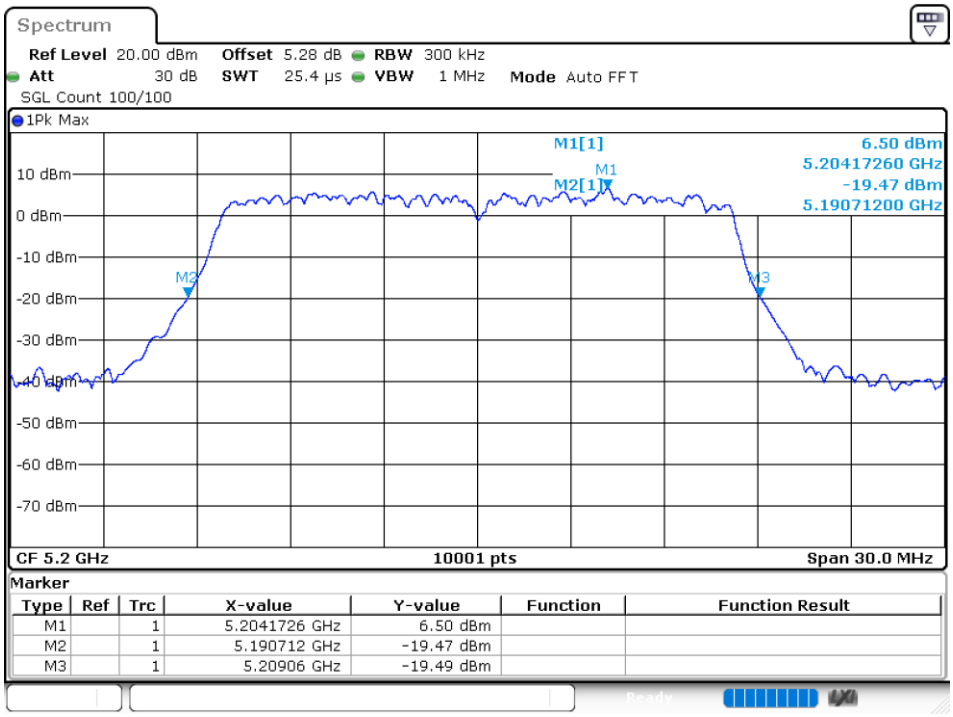
-26dB Bandwidth NVNT a 5240MHz Ant1



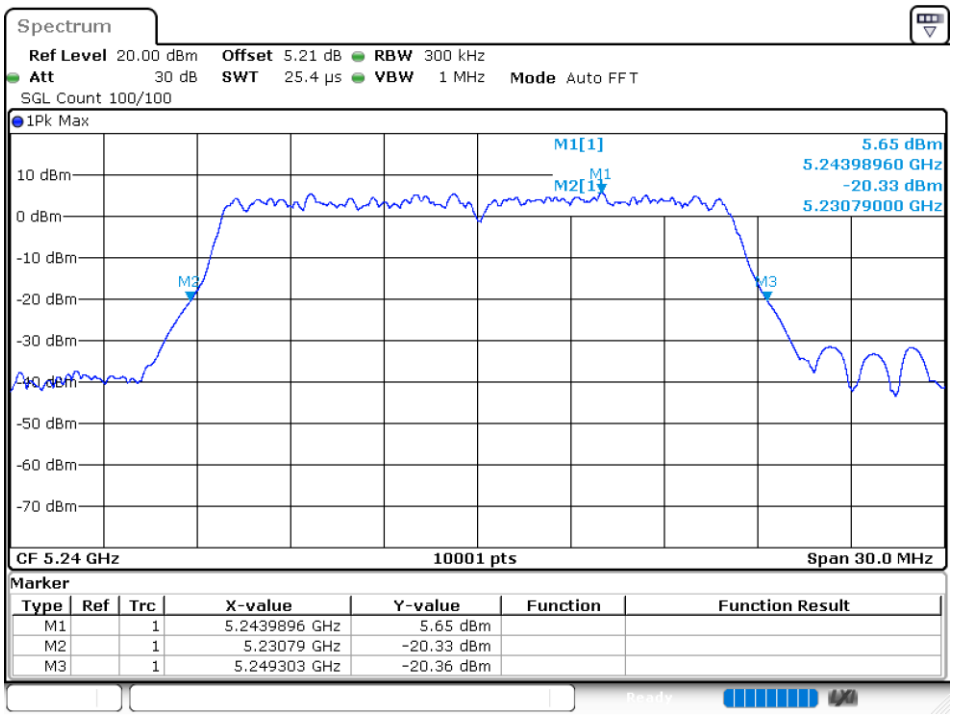
-26dB Bandwidth NVNT a 5180MHz Ant2



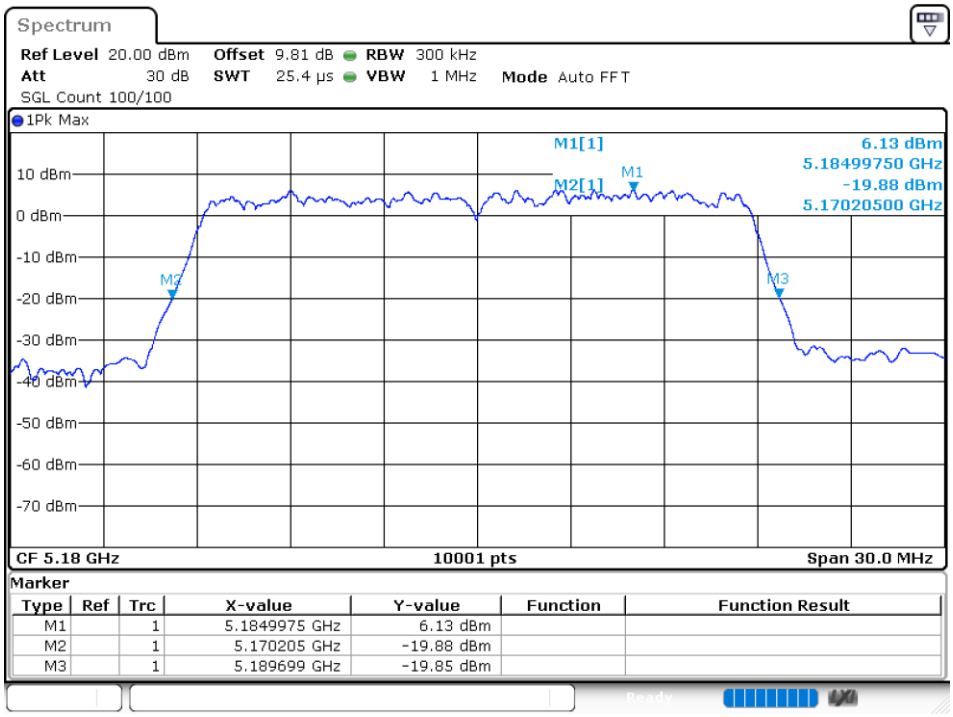
-26dB Bandwidth NVNT a 5200MHz Ant2



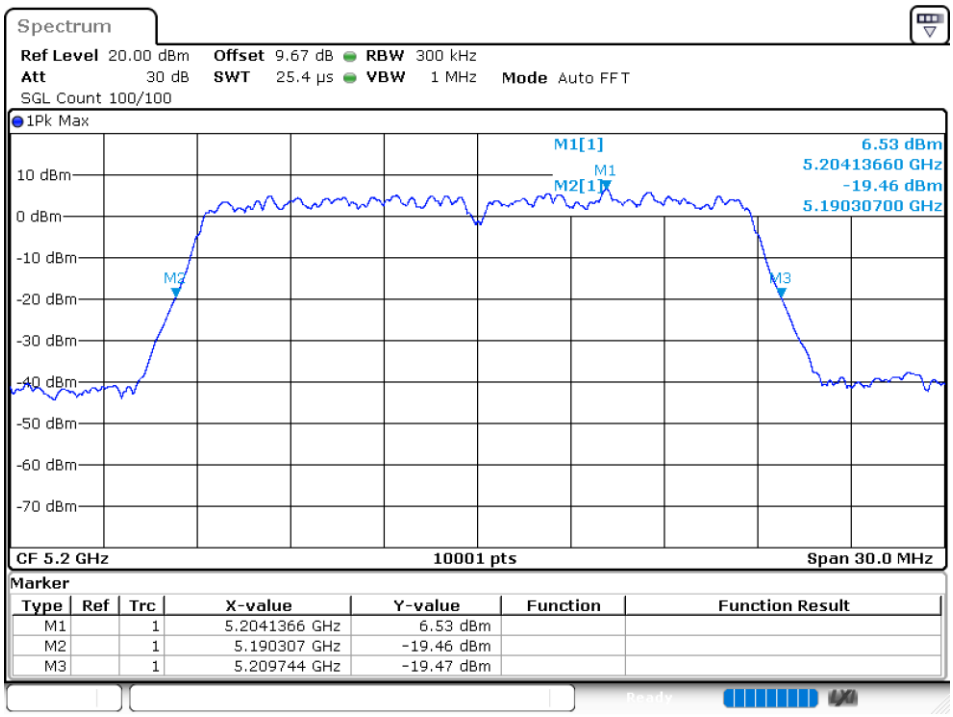
-26dB Bandwidth NVNT a 5240MHz Ant2



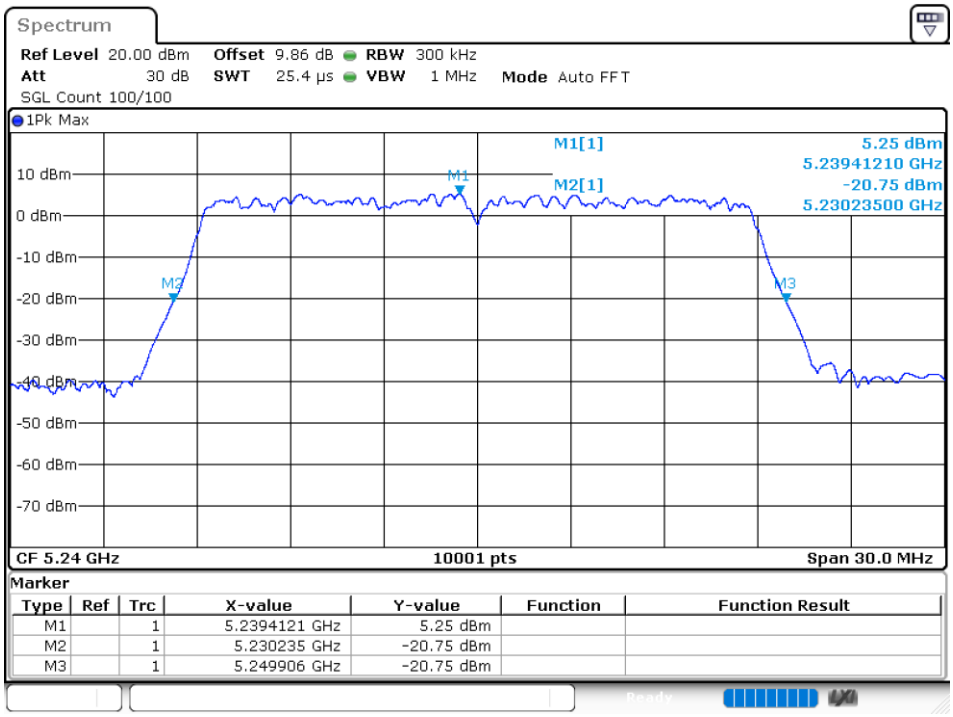
-26dB Bandwidth NVNT n20 5180MHz Ant1



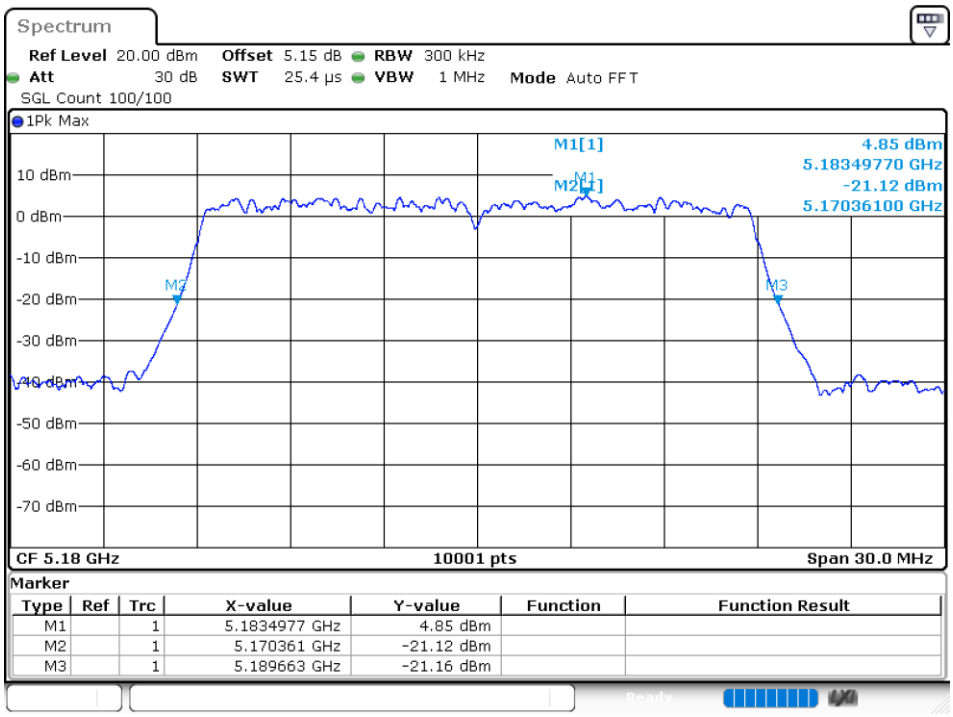
-26dB Bandwidth NVNT n20 5200MHz Ant1



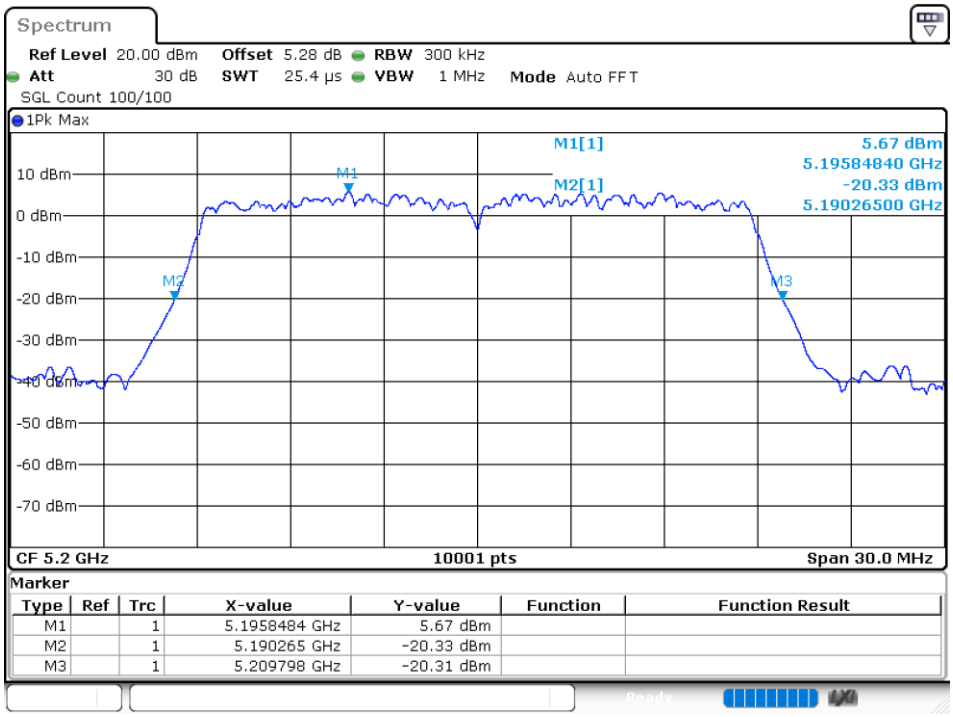
-26dB Bandwidth NVNT n20 5240MHz Ant1



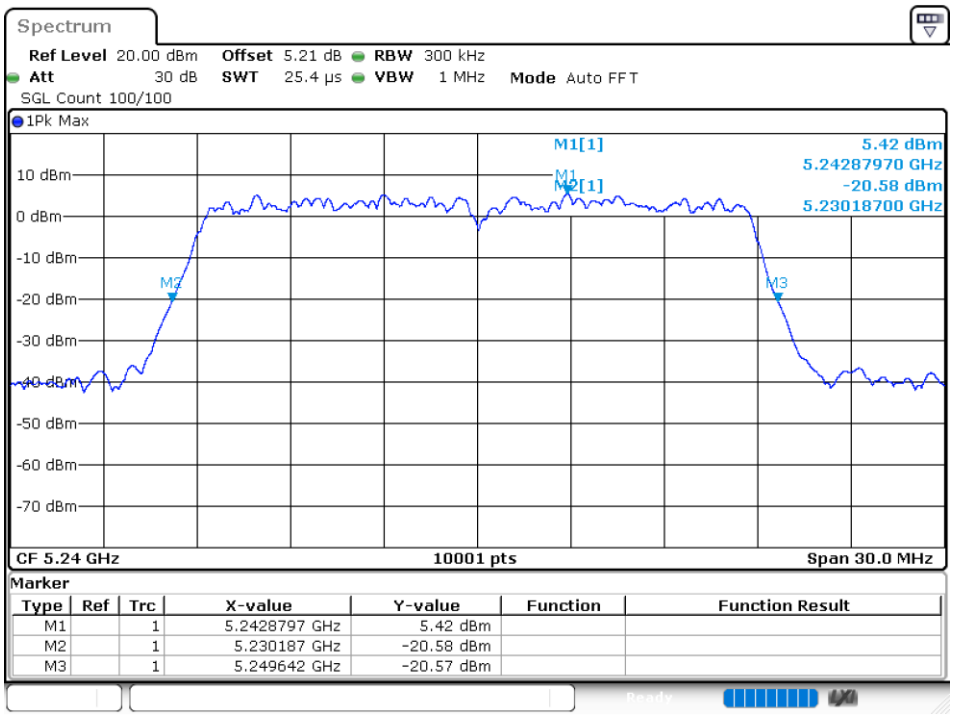
-26dB Bandwidth NVNT n20 5180MHz Ant2



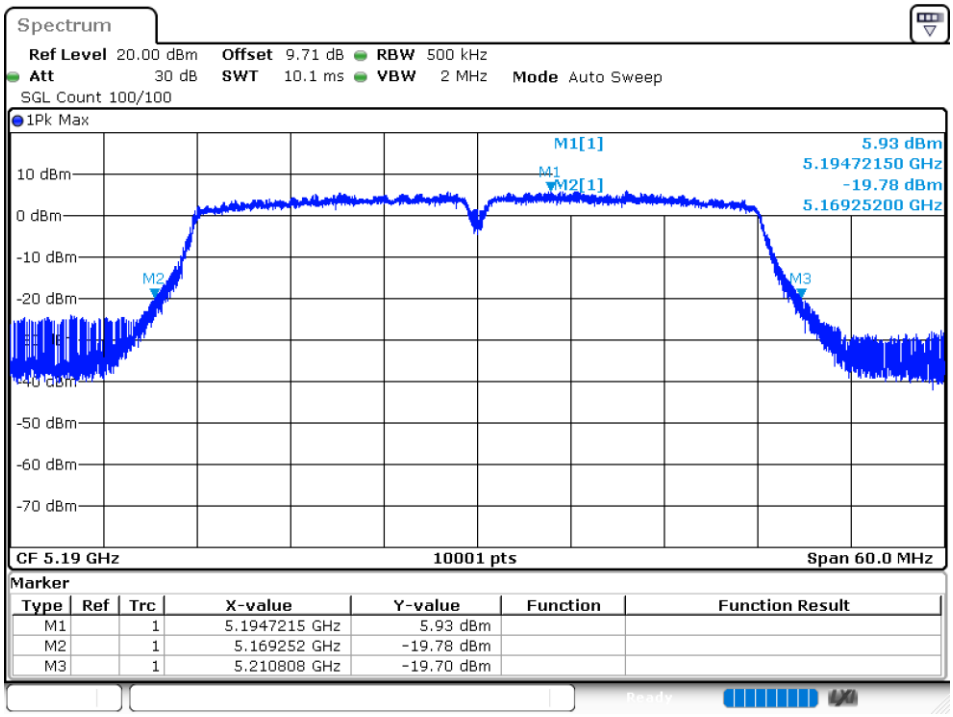
-26dB Bandwidth NVNT n20 5200MHz Ant2



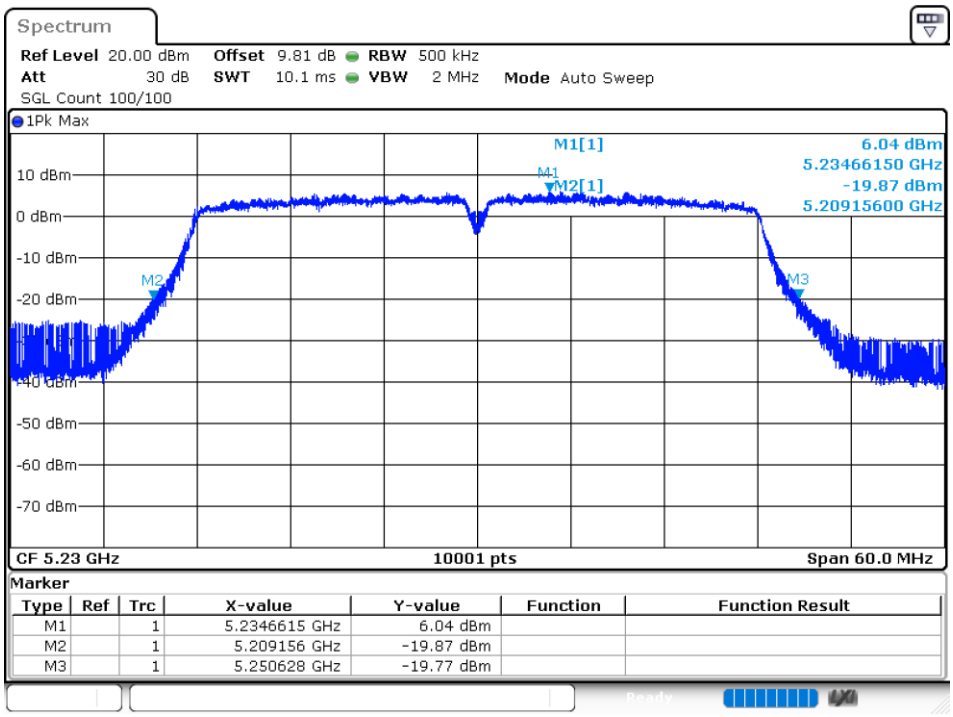
-26dB Bandwidth NVNT n20 5240MHz Ant2



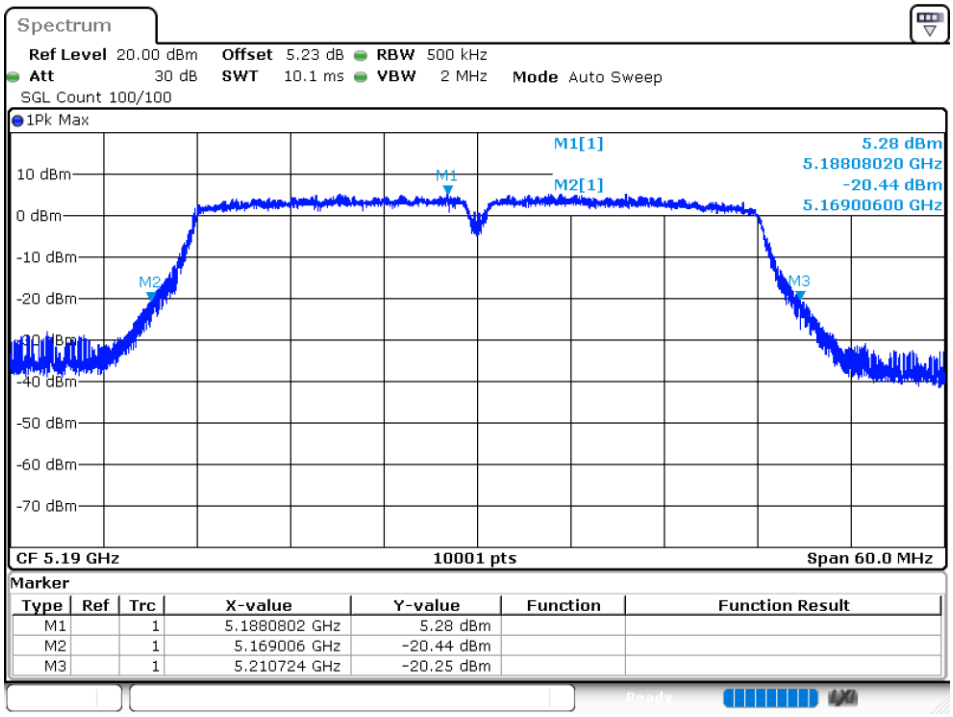
-26dB Bandwidth NVNT n40 5190MHz Ant1



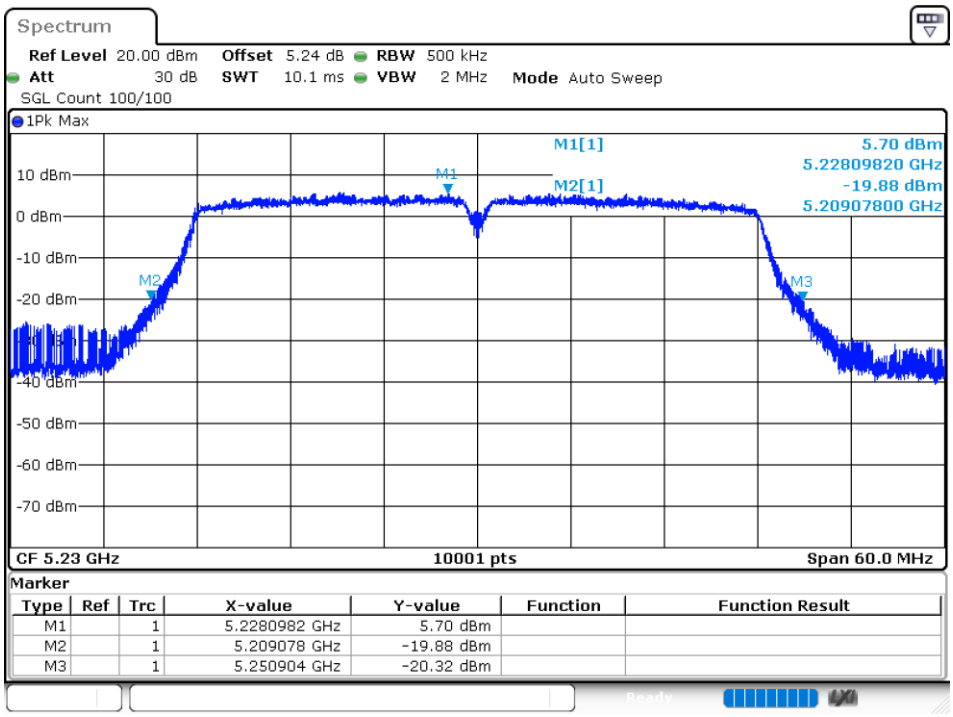
-26dB Bandwidth NVNT n40 5230MHz Ant1



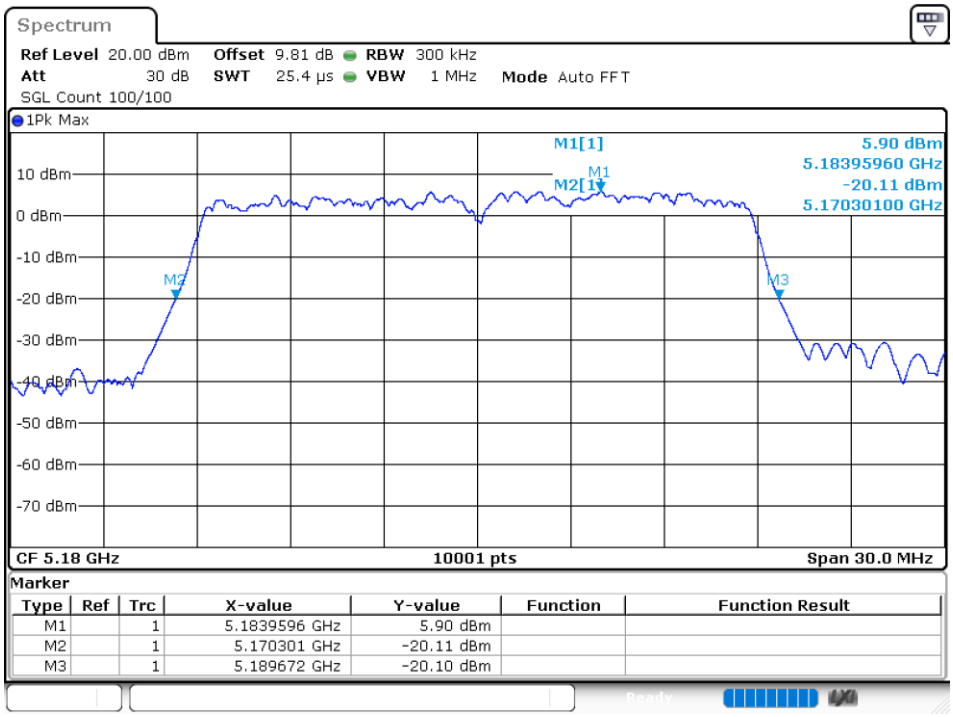
-26dB Bandwidth NVNT n40 5190MHz Ant2



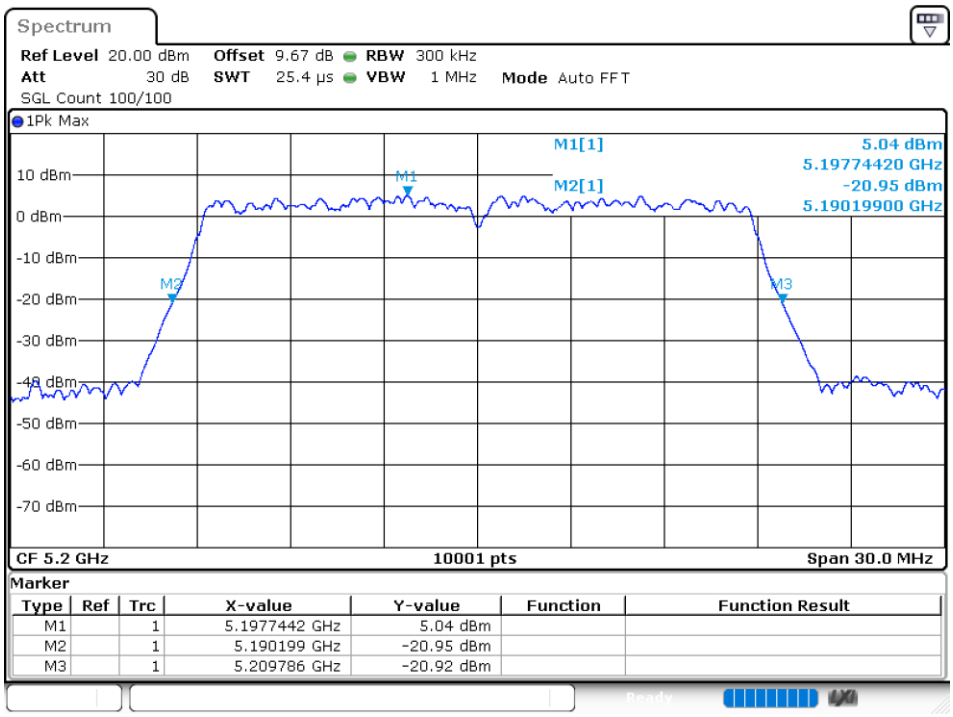
-26dB Bandwidth NVNT n40 5230MHz Ant2



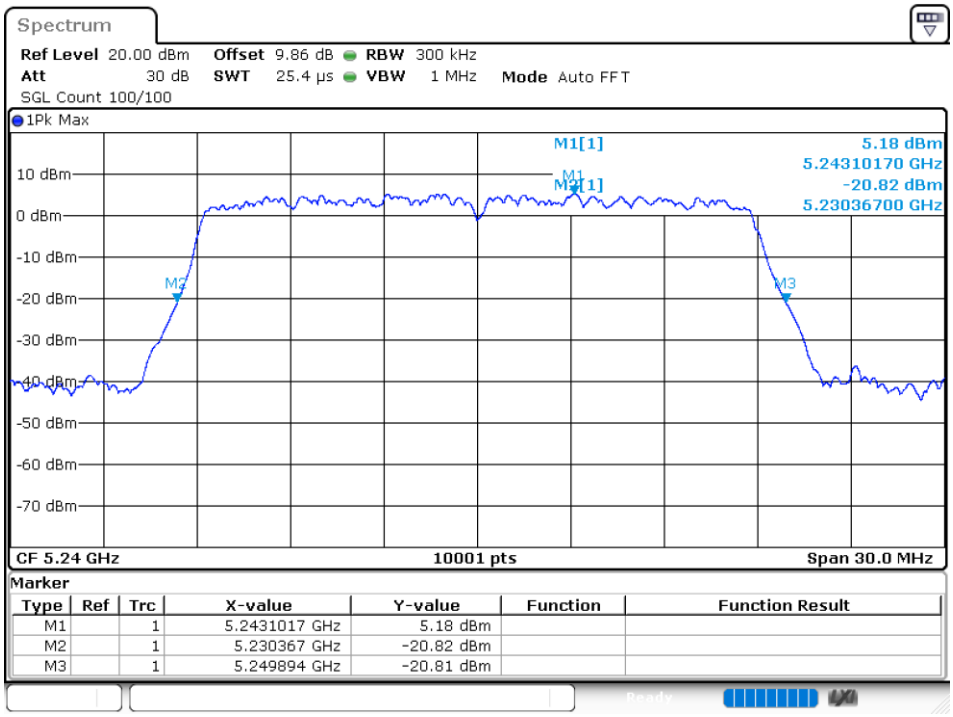
-26dB Bandwidth NVNT ac20 5180MHz Ant1



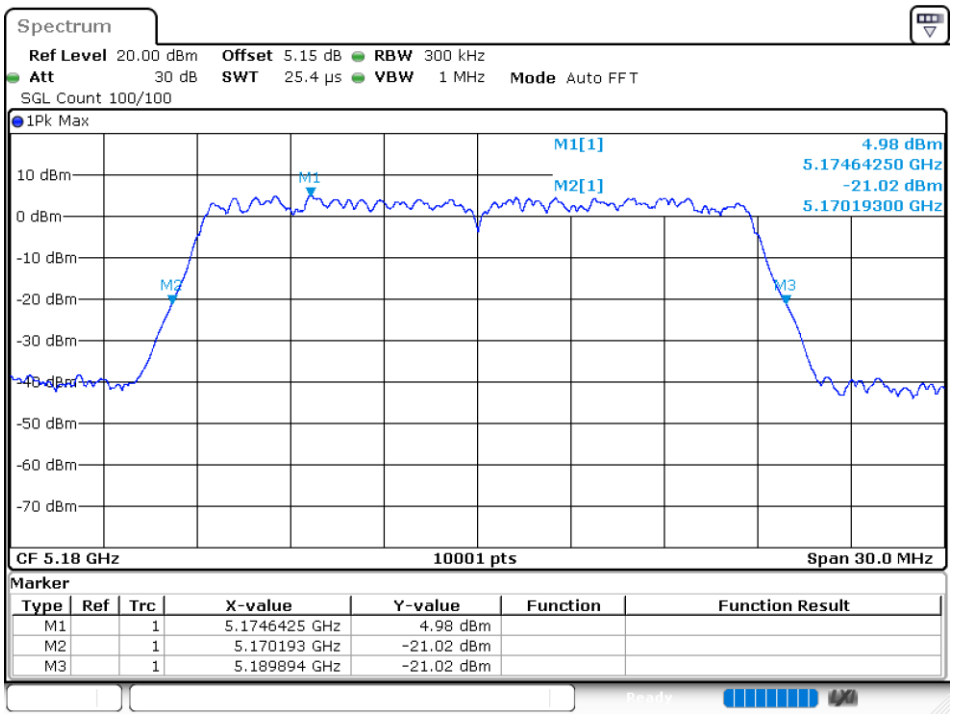
-26dB Bandwidth NVNT ac20 5200MHz Ant1



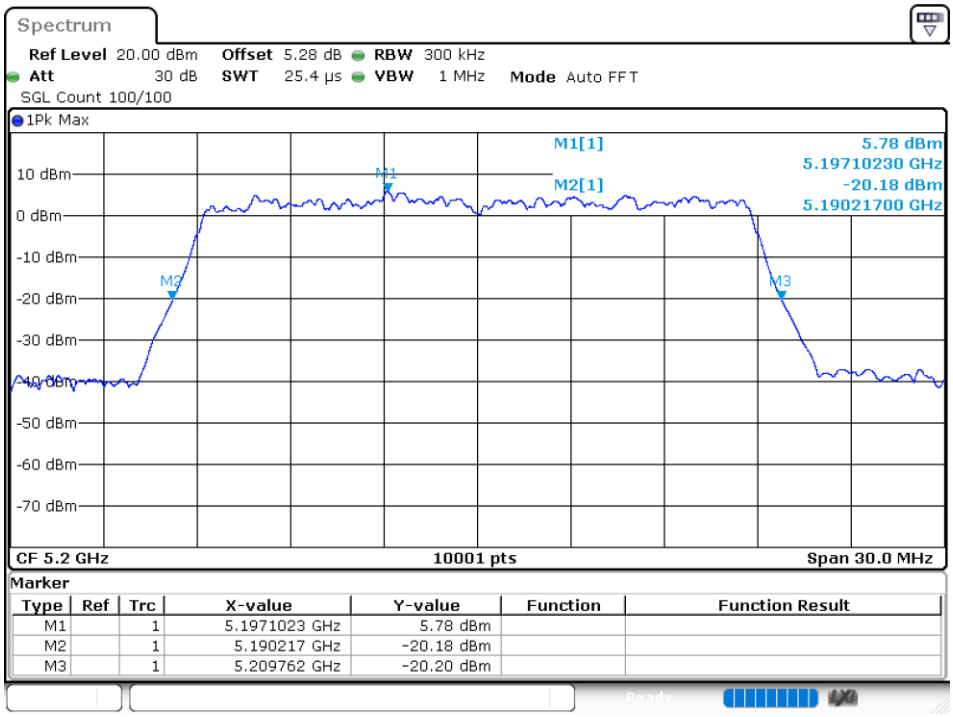
-26dB Bandwidth NVNT ac20 5240MHz Ant1



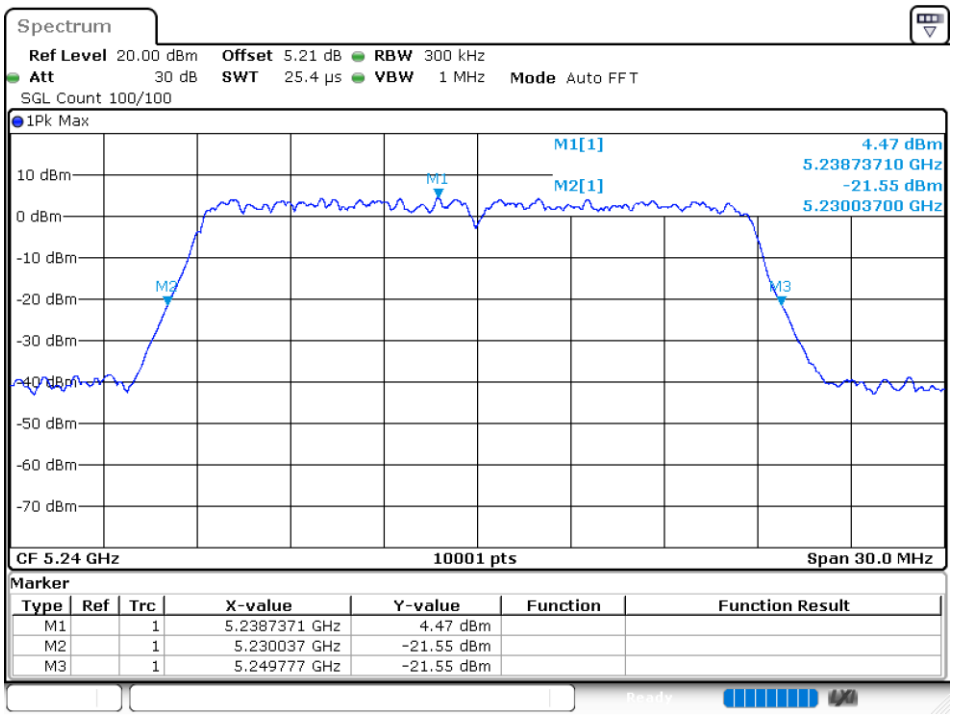
-26dB Bandwidth NVNT ac20 5180MHz Ant2



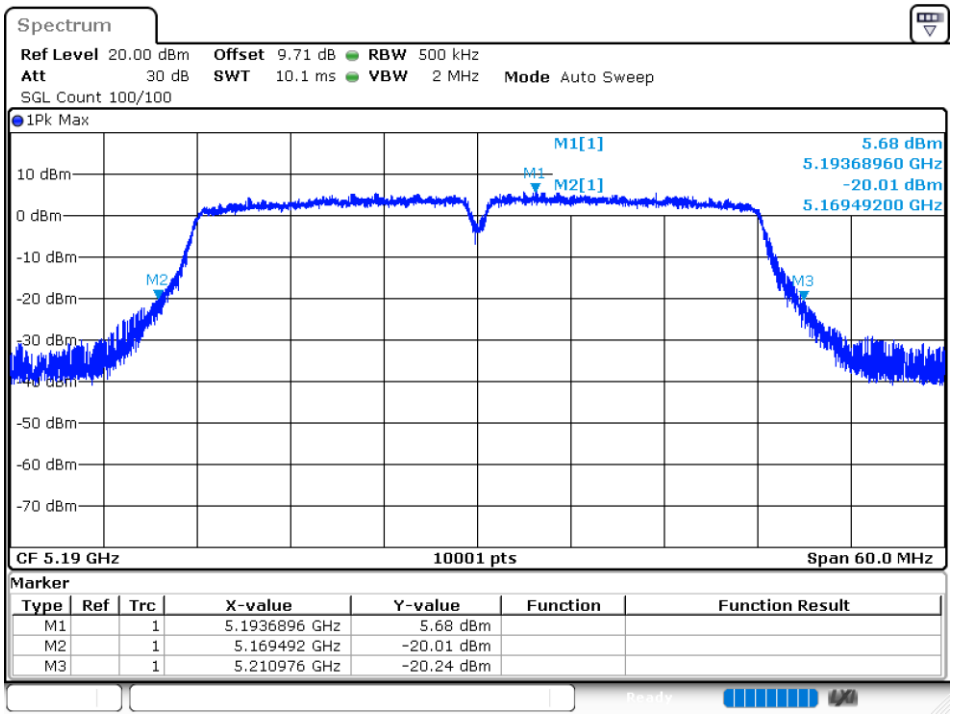
-26dB Bandwidth NVNT ac20 5200MHz Ant2



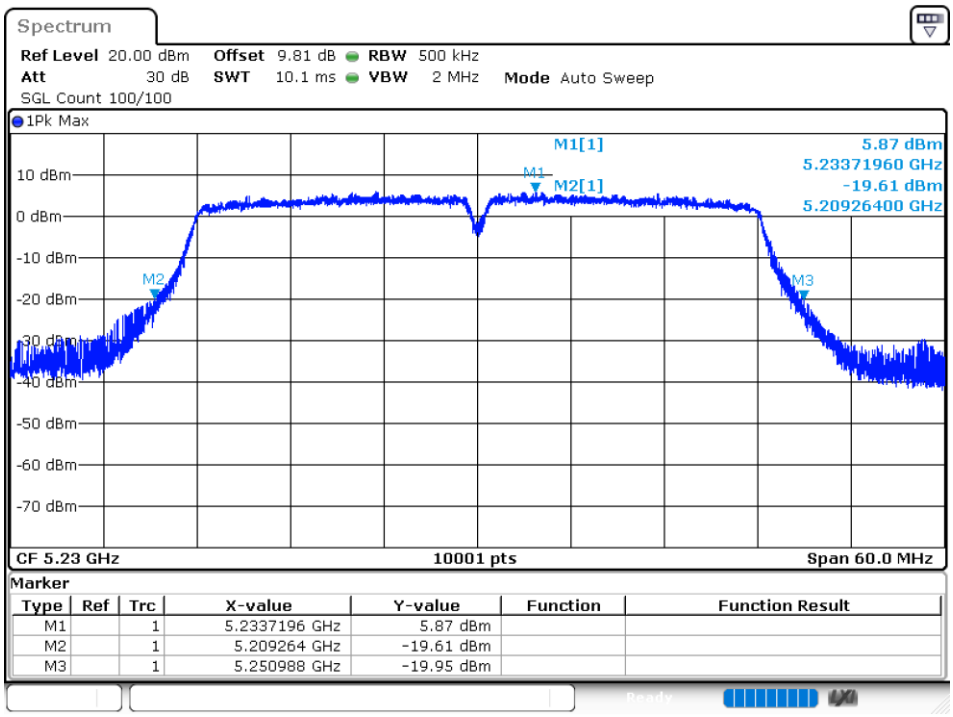
-26dB Bandwidth NVNT ac20 5240MHz Ant2



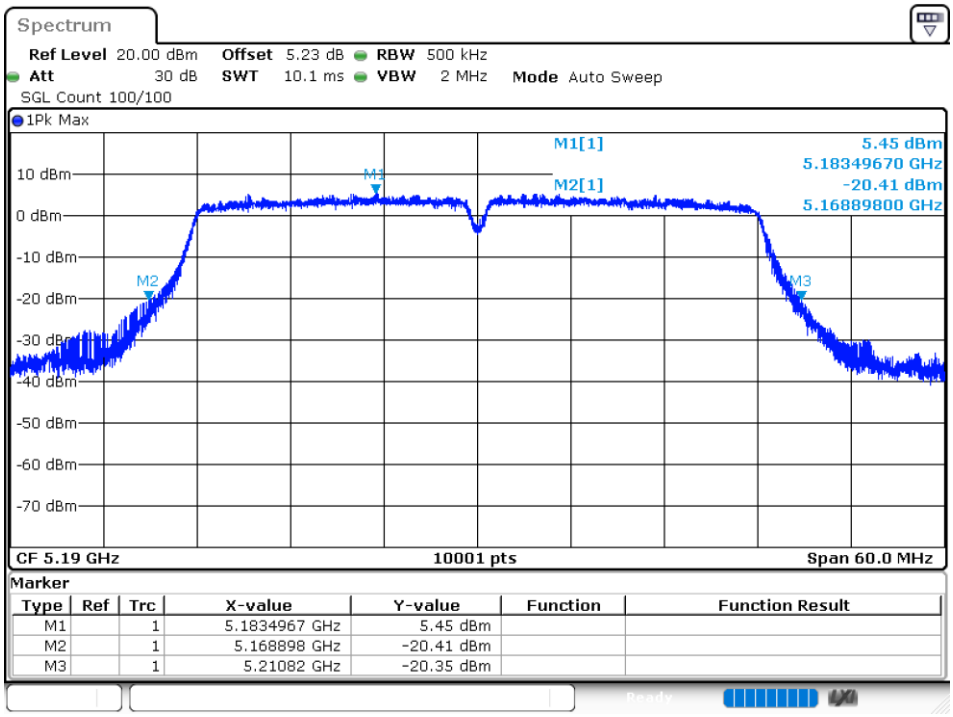
-26dB Bandwidth NVNT ac40 5190MHz Ant1



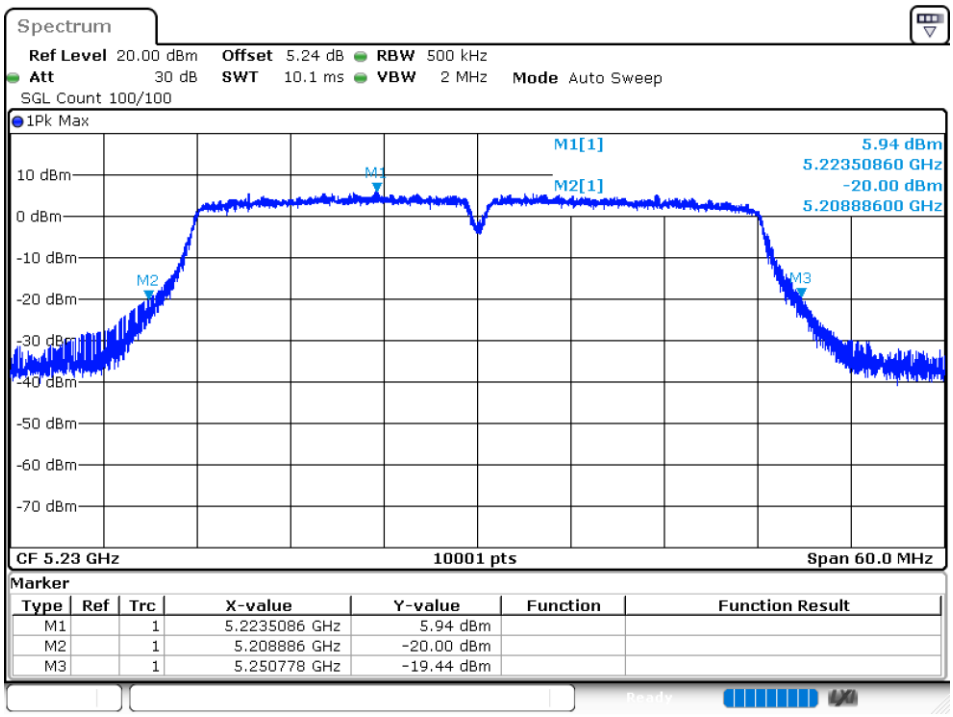
-26dB Bandwidth NVNT ac40 5230MHz Ant1



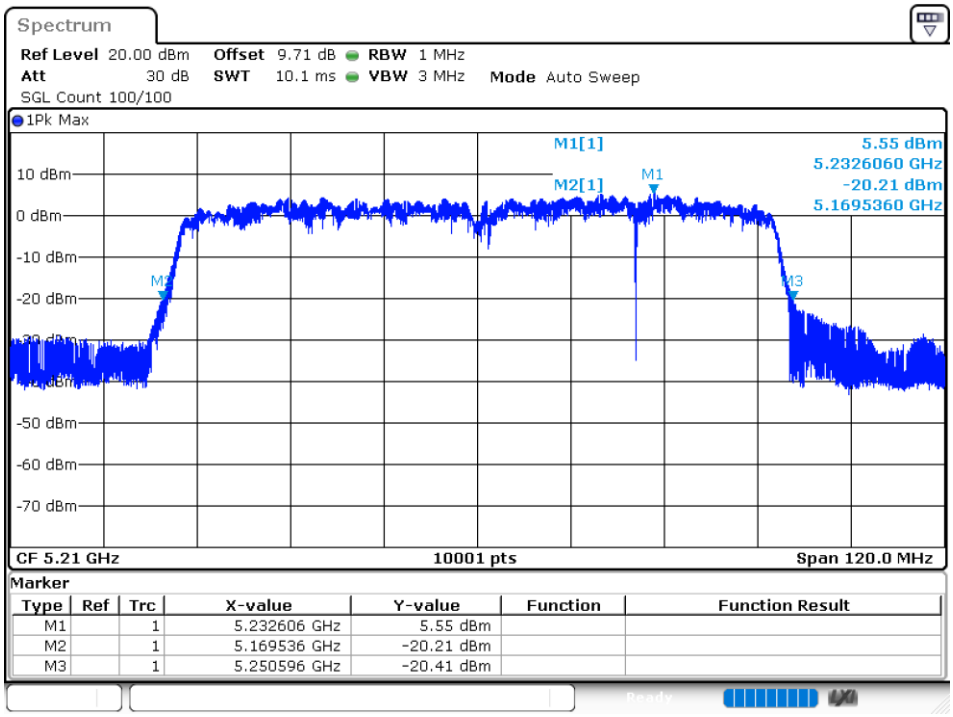
-26dB Bandwidth NVNT ac40 5190MHz Ant2



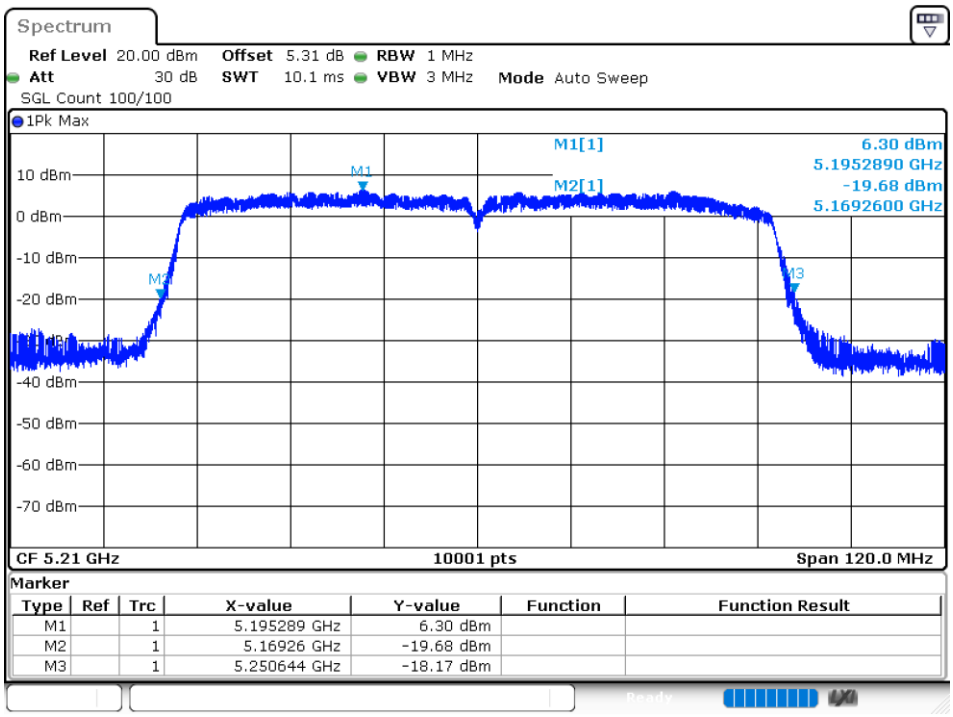
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

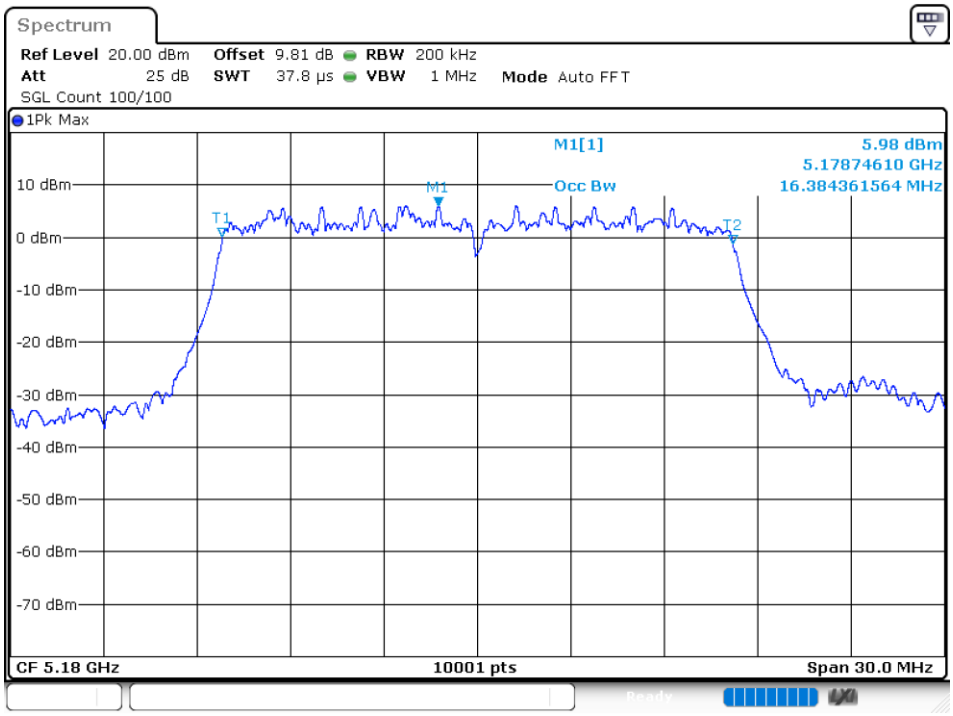


Occupied Channel Bandwidth

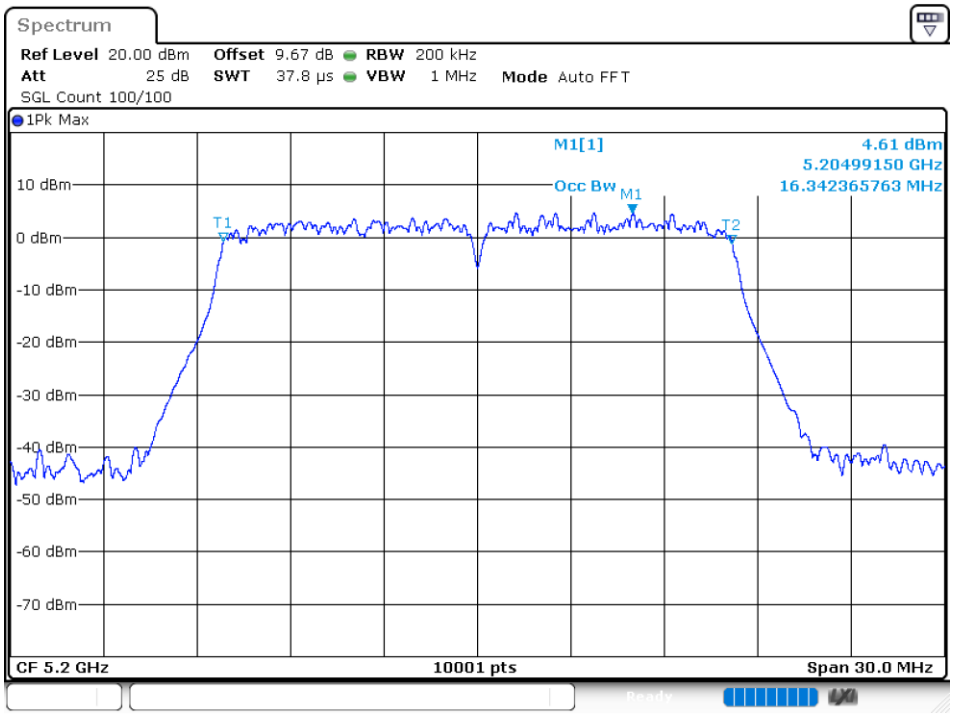
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.384
NVNT	a	5200	Ant1	16.342
NVNT	a	5240	Ant1	16.372
NVNT	a	5180	Ant2	16.369
NVNT	a	5200	Ant2	16.369
NVNT	a	5240	Ant2	16.369
NVNT	n20	5180	Ant1	17.545
NVNT	n20	5200	Ant1	17.554
NVNT	n20	5240	Ant1	17.53
NVNT	n20	5180	Ant2	17.515
NVNT	n20	5200	Ant2	17.545
NVNT	n20	5240	Ant2	17.572
NVNT	n40	5190	Ant1	36.098
NVNT	n40	5230	Ant1	36.116
NVNT	n40	5190	Ant2	36.188
NVNT	n40	5230	Ant2	36.182
NVNT	ac20	5180	Ant1	17.542
NVNT	ac20	5200	Ant1	17.53
NVNT	ac20	5240	Ant1	17.575
NVNT	ac20	5180	Ant2	17.563
NVNT	ac20	5200	Ant2	17.557
NVNT	ac20	5240	Ant2	17.563
NVNT	ac40	5190	Ant1	36.11
NVNT	ac40	5230	Ant1	36.122
NVNT	ac40	5190	Ant2	36.17
NVNT	ac40	5230	Ant2	36.17
NVNT	ac80	5210	Ant1	75.208
NVNT	ac80	5210	Ant2	75.016

Test Graphs

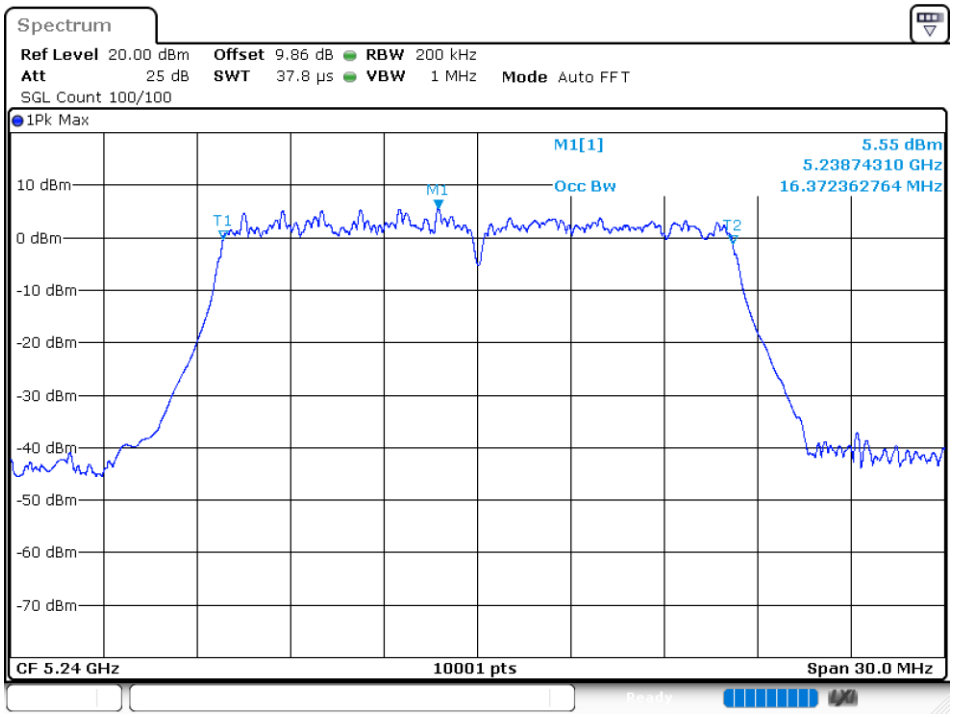
OBW NVNT a 5180MHz Ant1



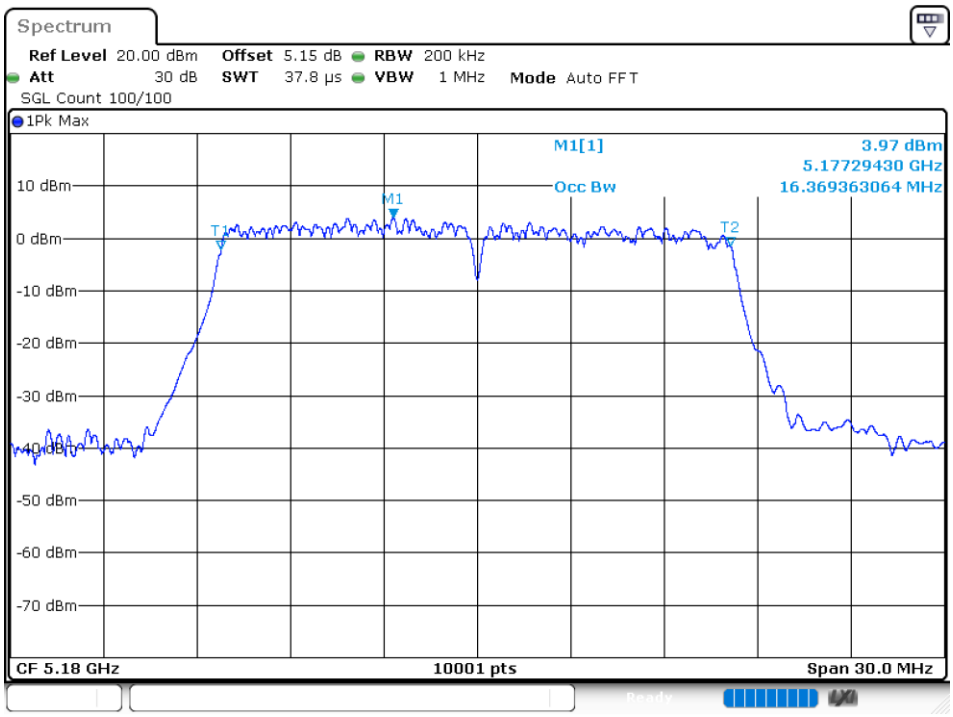
OBW NVNT a 5200MHz Ant1



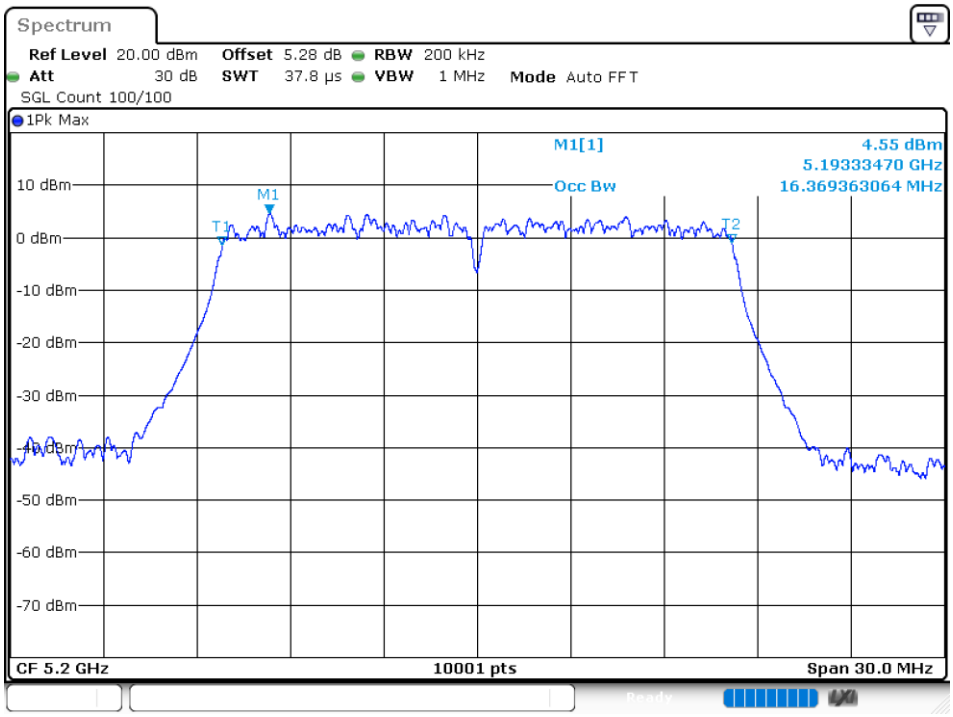
OBW NVNT a 5240MHz Ant1



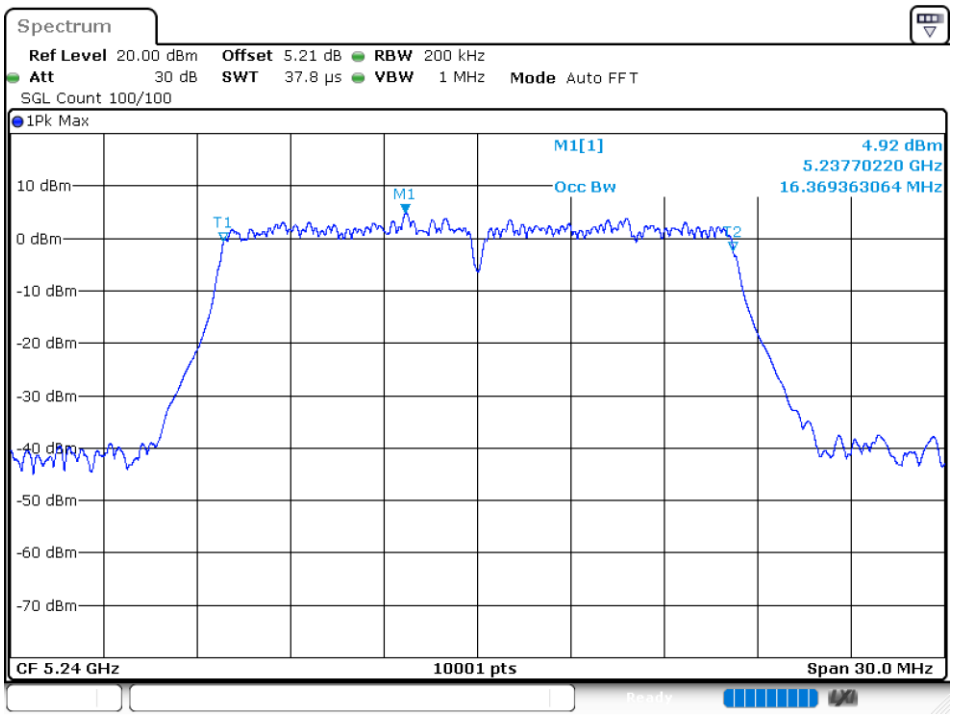
OBW NVNT a 5180MHz Ant2



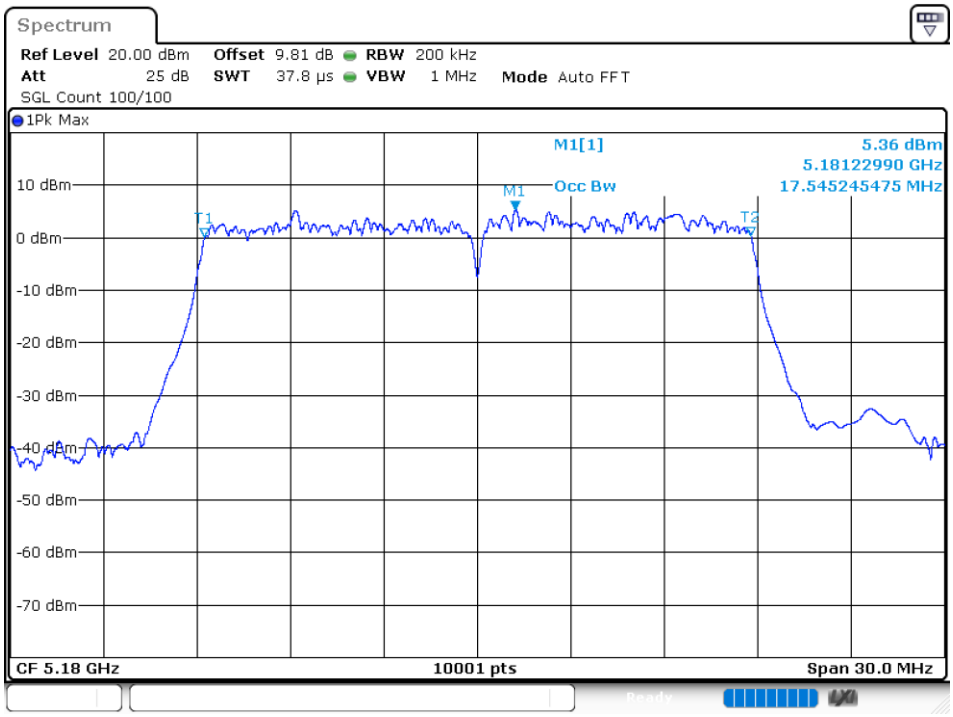
OBW NVNT a 5200MHz Ant2



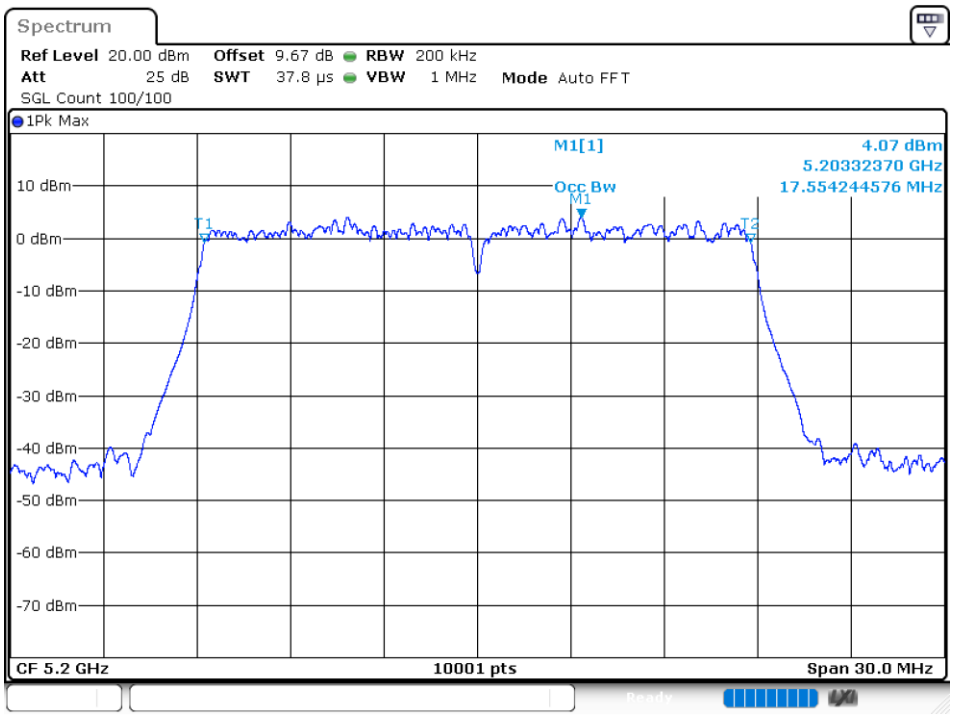
OBW NVNT a 5240MHz Ant2



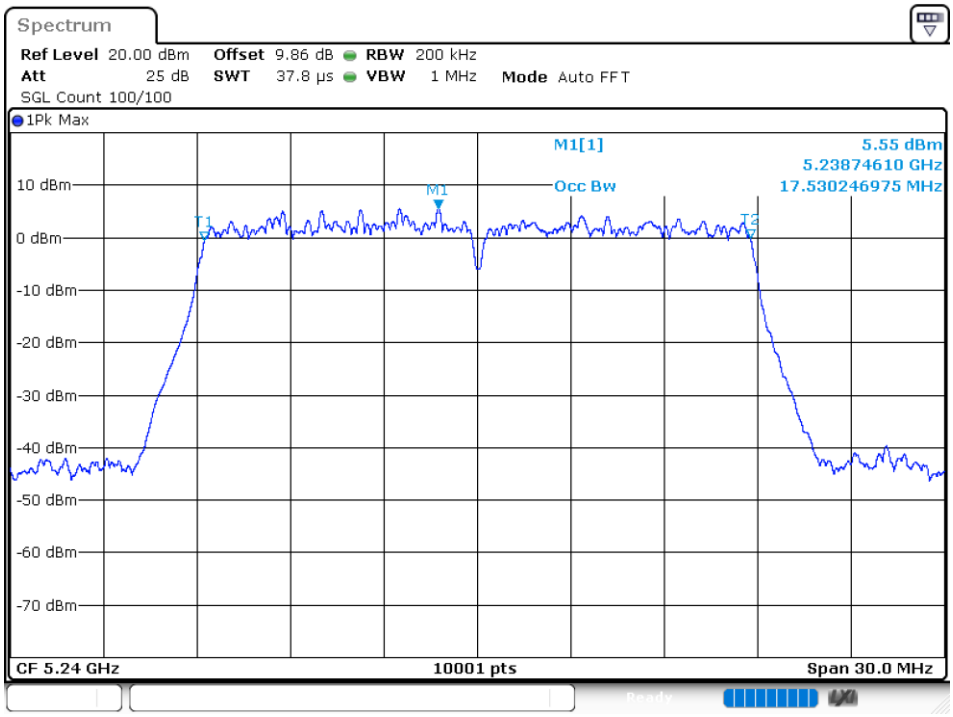
OBW NVNT n20 5180MHz Ant1



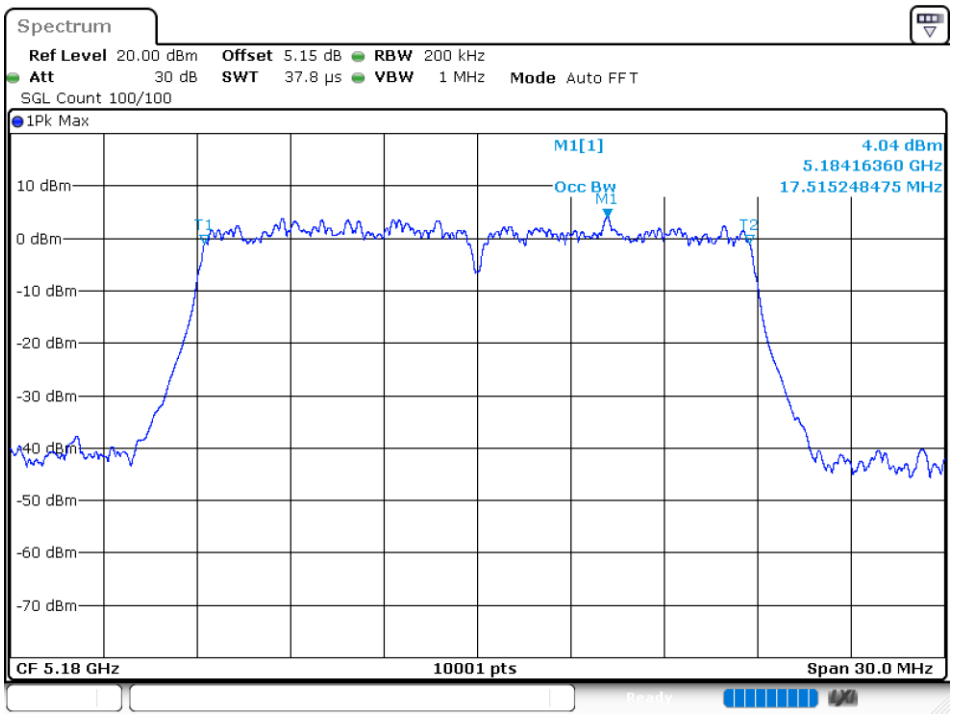
OBW NVNT n20 5200MHz Ant1



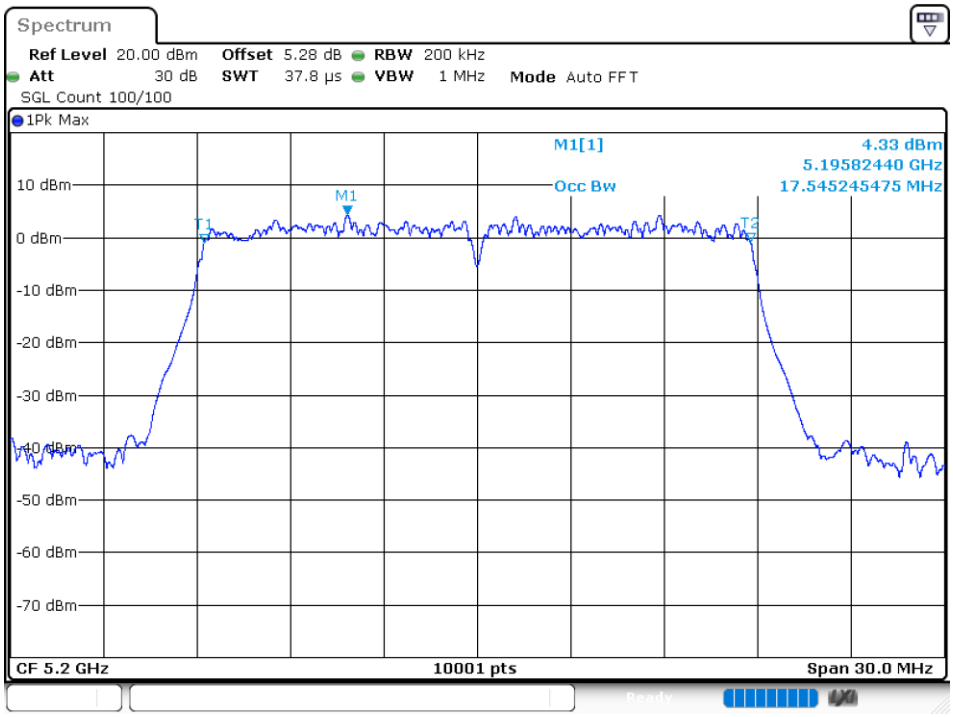
OBW NVNT n20 5240MHz Ant1



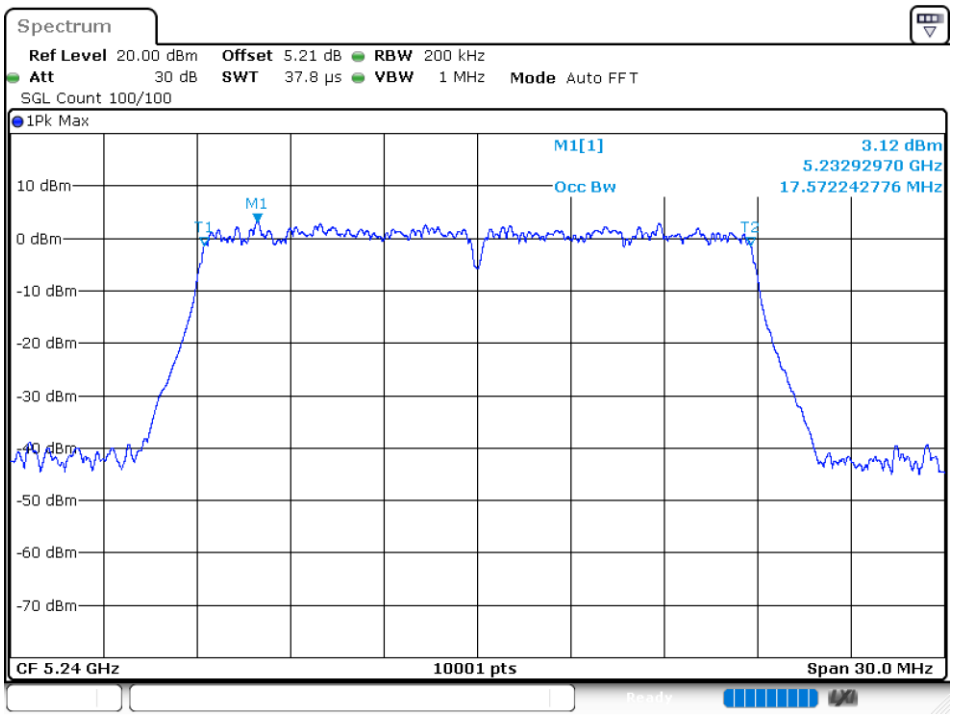
OBW NVNT n20 5180MHz Ant2



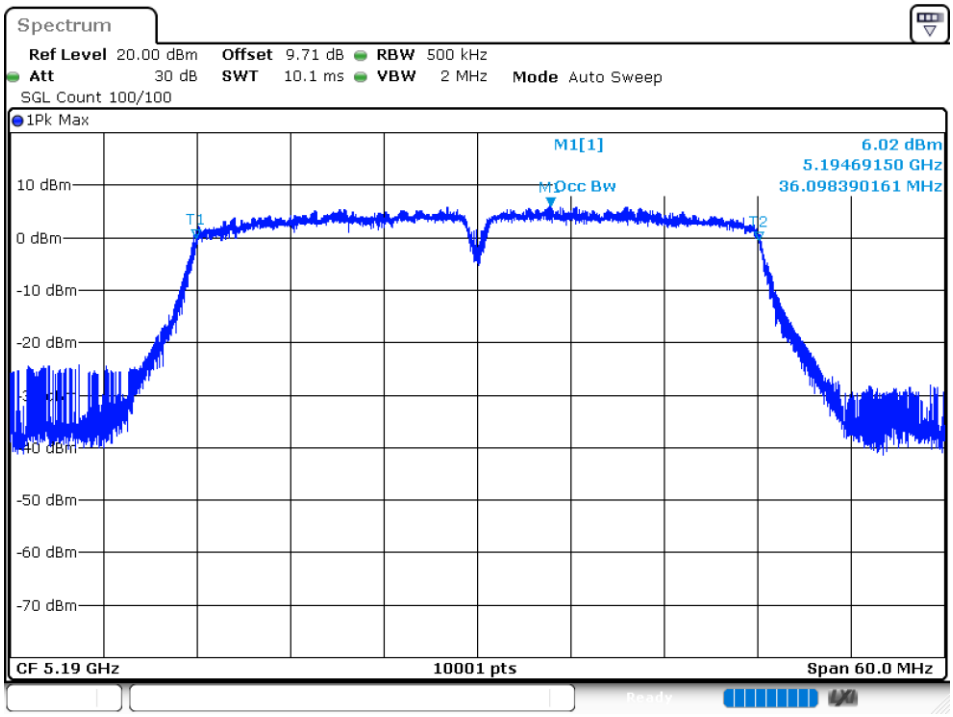
OBW NVNT n20 5200MHz Ant2



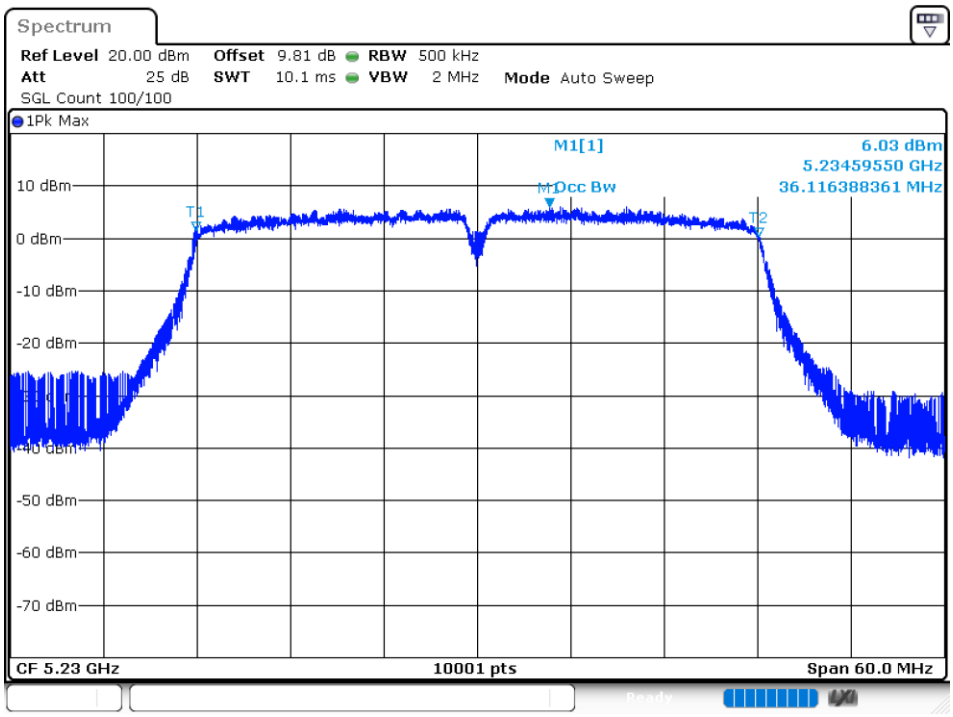
OBW NVNT n20 5240MHz Ant2



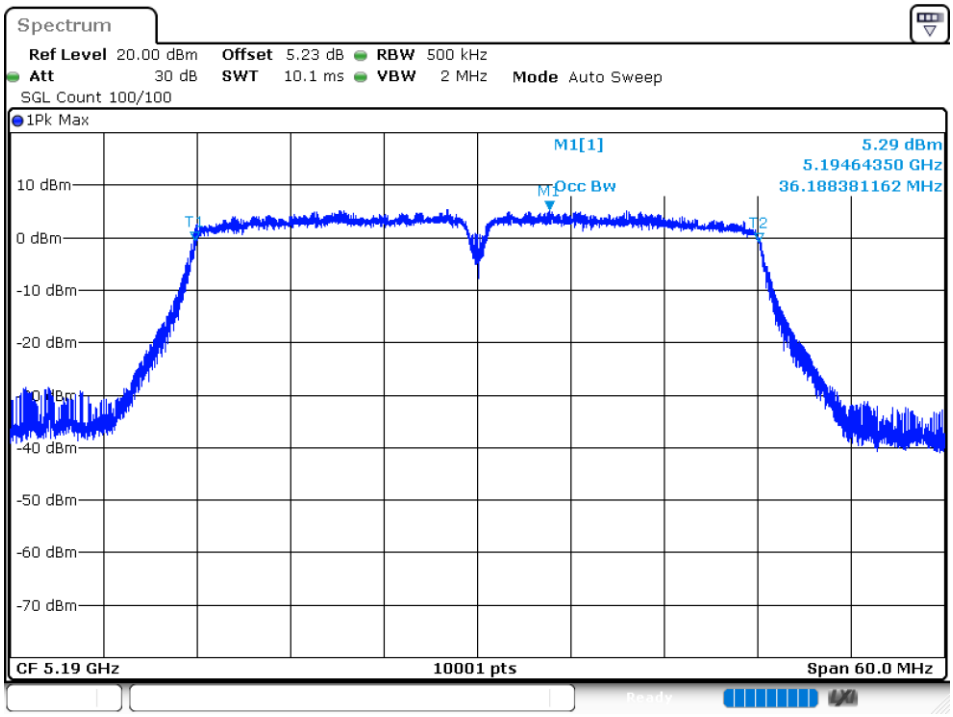
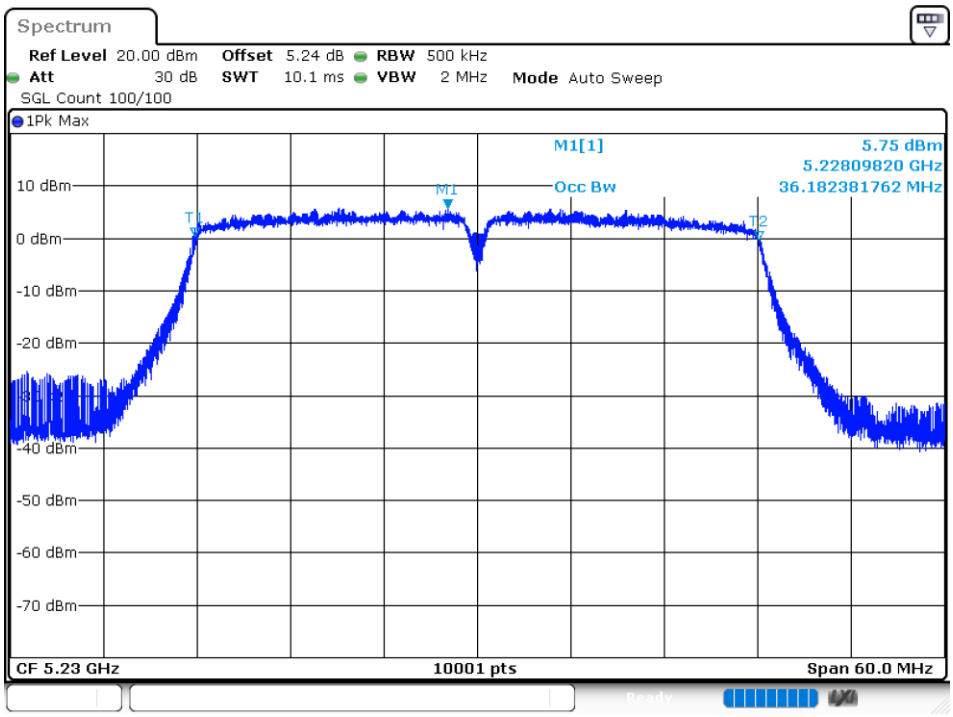
OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2