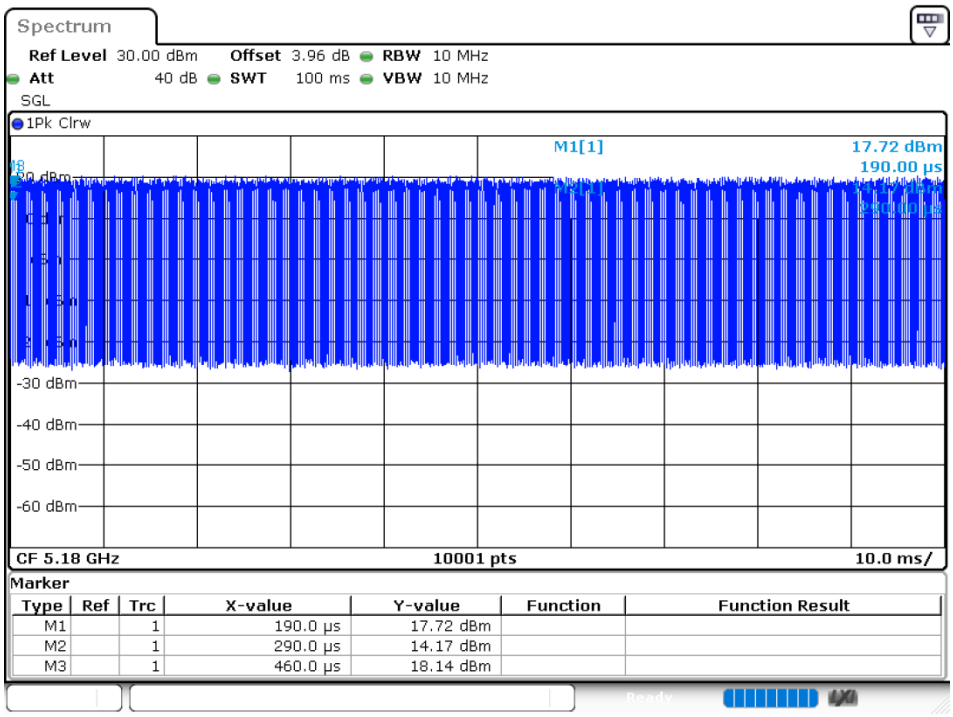
WIFI 5.2G

Duty Cycle

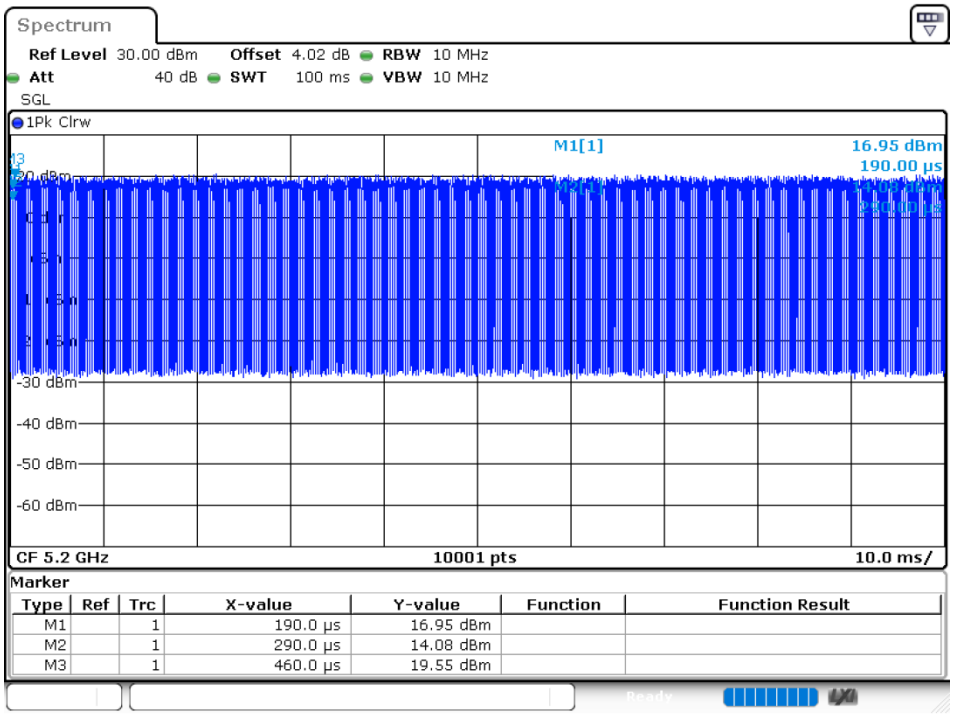
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	67.69	1.69	5.88
NVNT	a	5200	Ant1	67.7	1.69	5.88
NVNT	a	5240	Ant1	67.68	1.7	5.88
NVNT	a	5180	Ant2	67.73	1.69	5.56
NVNT	a	5200	Ant2	67.72	1.69	5.88
NVNT	a	5240	Ant2	67.72	1.69	5.88
NVNT	n20	5180	Ant1	66.19	1.79	6.25
NVNT	n20	5200	Ant1	66.13	1.8	5.88
NVNT	n20	5240	Ant1	66.19	1.79	5.88
NVNT	n20	5180	Ant2	66.19	1.79	6.25
NVNT	n20	5200	Ant2	66.16	1.79	6.25
NVNT	n20	5240	Ant2	66.26	1.79	5.88
NVNT	n40	5190	Ant1	55.2	2.58	10
NVNT	n40	5230	Ant1	55.15	2.58	10
NVNT	n40	5190	Ant2	55.29	2.57	10
NVNT	n40	5230	Ant2	55.21	2.58	10
NVNT	ac20	5180	Ant1	63.98	1.94	7.14
NVNT	ac20	5200	Ant1	63.97	1.94	6.67
NVNT	ac20	5240	Ant1	63.98	1.94	6.67
NVNT	ac20	5180	Ant2	63.82	1.95	6.67
NVNT	ac20	5200	Ant2	63.99	1.94	7.14
NVNT	ac20	5240	Ant2	63.88	1.95	6.67
NVNT	ac40	5190	Ant1	52.19	2.82	11.11
NVNT	ac40	5230	Ant1	52.22	2.82	11.11
NVNT	ac40	5190	Ant2	52.4	2.81	11.11
NVNT	ac40	5230	Ant2	52.39	2.81	11.11
NVNT	ac80	5210	Ant1	45.01	3.47	16.67
NVNT	ac80	5210	Ant2	48.43	3.15	16.67
NVNT	ax20	5180	Ant1	59.11	2.28	8.33
NVNT	ax20	5200	Ant1	59.2	2.28	8.33
NVNT	ax20	5240	Ant1	59.25	2.27	8.33
NVNT	ax20	5180	Ant2	59.17	2.28	8.33
NVNT	ax20	5200	Ant2	59.2	2.28	8.33
NVNT	ax20	5240	Ant2	59.18	2.28	8.33
NVNT	ax40	5190	Ant1	52.31	2.81	11.11

NVNT	ax40	5230	Ant1	53.19	2.74	11.11
NVNT	ax40	5190	Ant2	55.23	2.58	10
NVNT	ax40	5230	Ant2	55.21	2.58	10
NVNT	ax80	5210	Ant1	50.76	2.94	12.5
NVNT	ax80	5210	Ant2	50.57	2.96	12.5

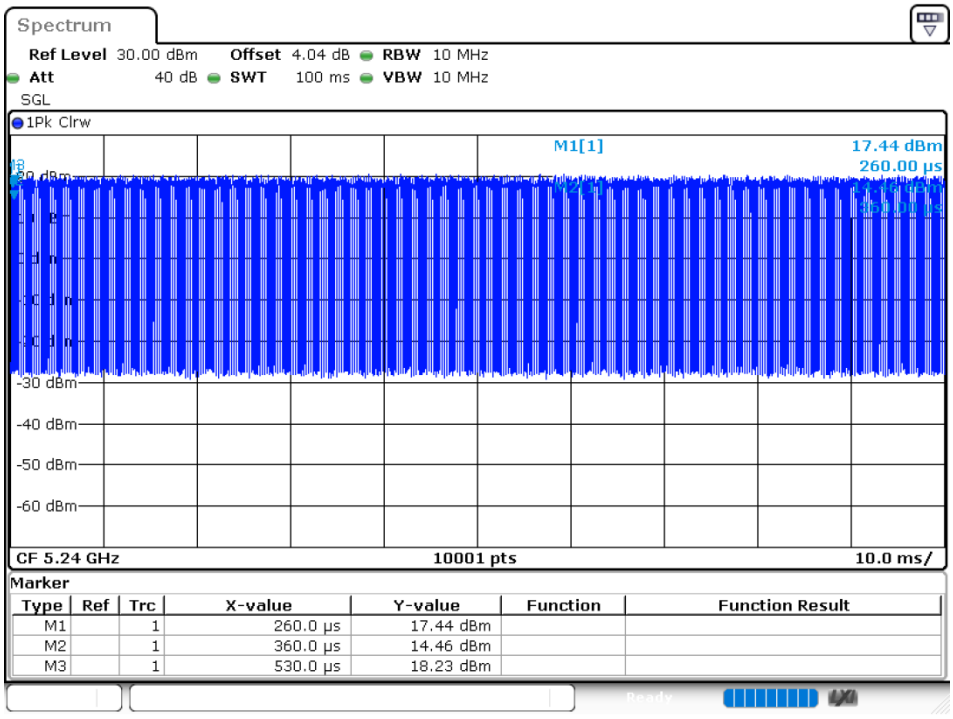
Test Graphs
Duty Cycle NVNT a 5180MHz Ant1



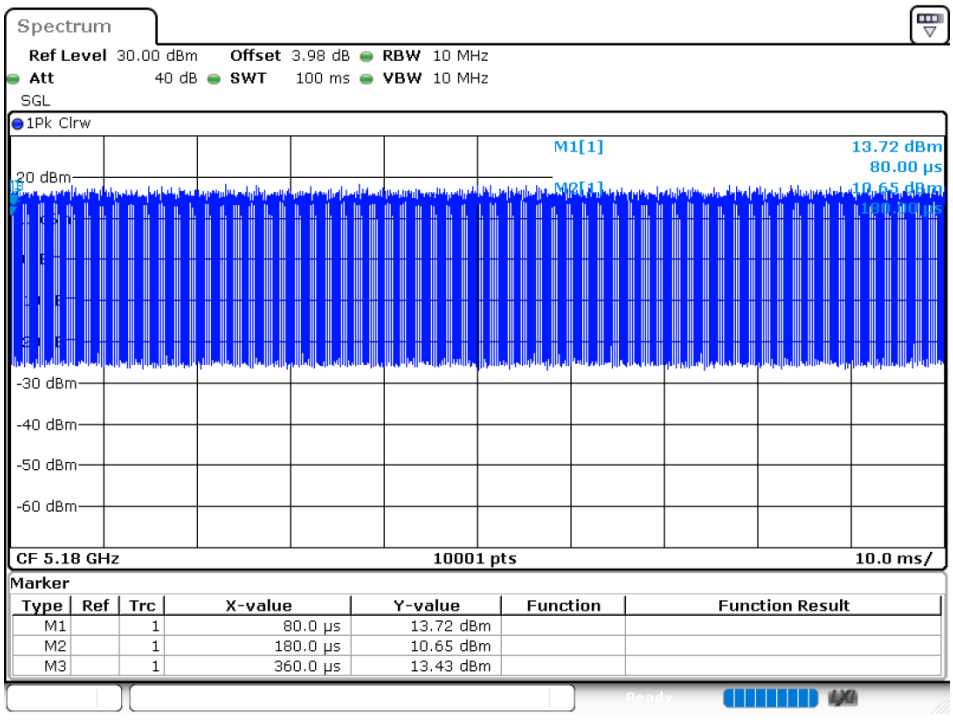
Duty Cycle NVNT a 5200MHz Ant1



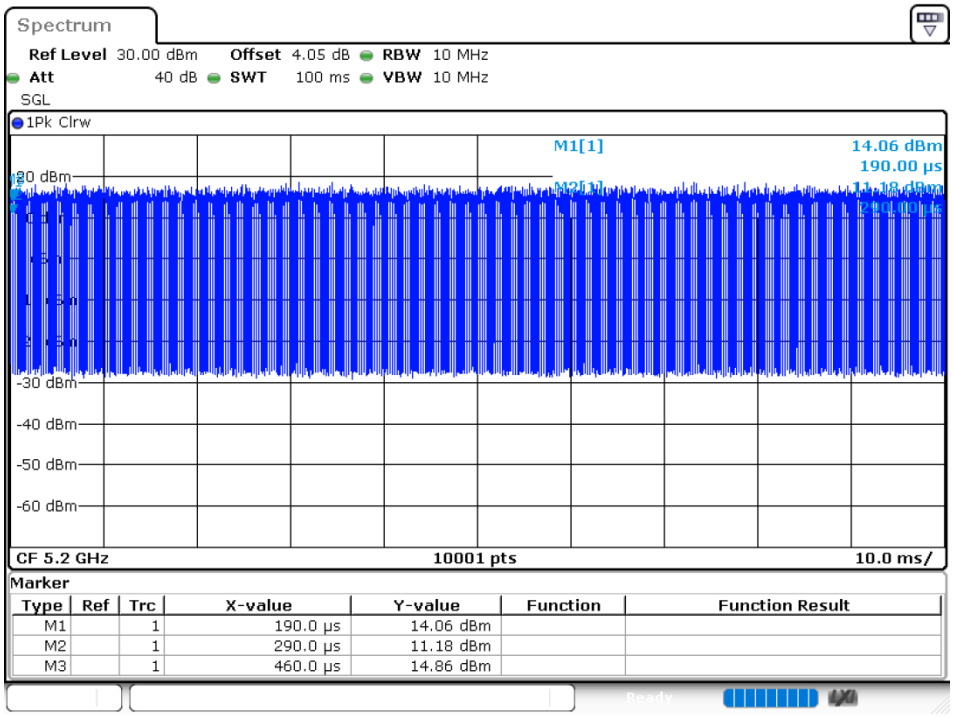
Duty Cycle NVNT a 5240MHz Ant1



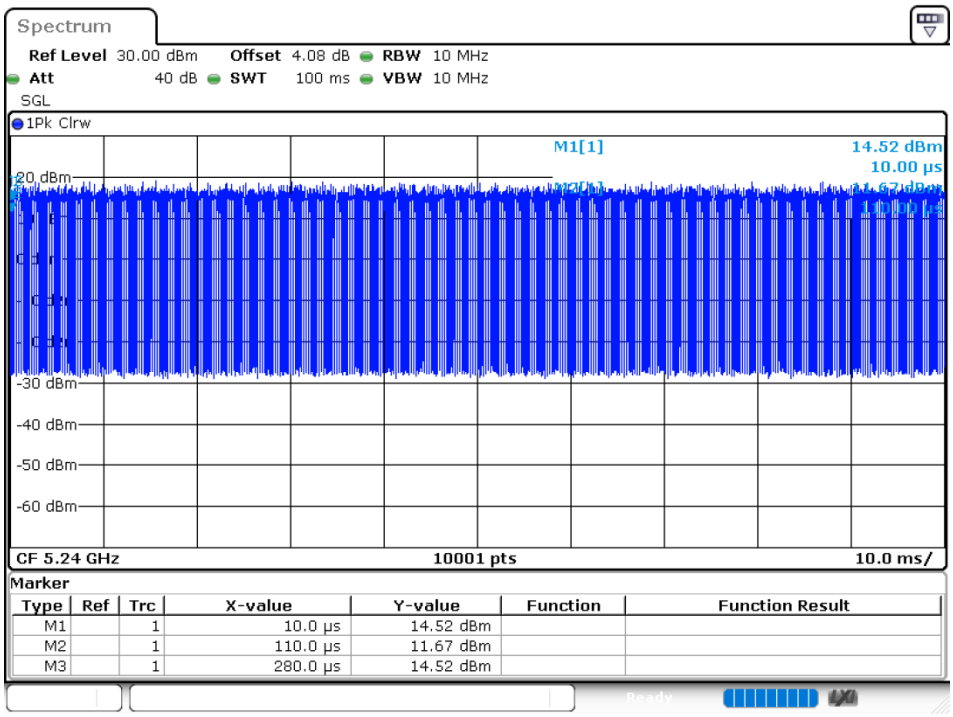
Duty Cycle NVNT a 5180MHz Ant2



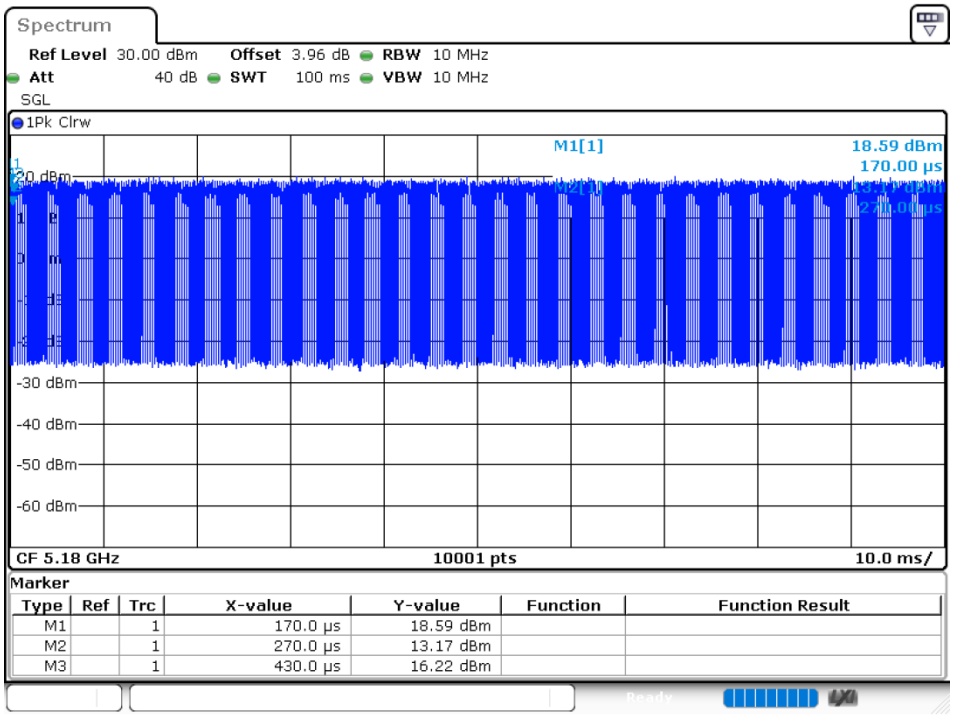
Duty Cycle NVNT a 5200MHz Ant2



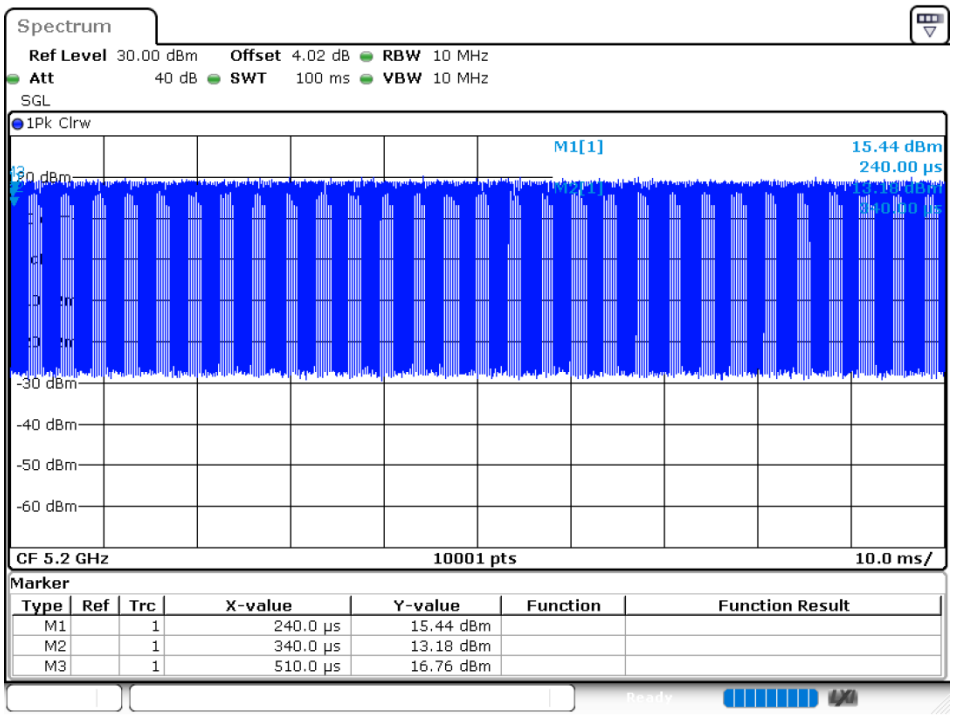
Duty Cycle NVNT a 5240MHz Ant2



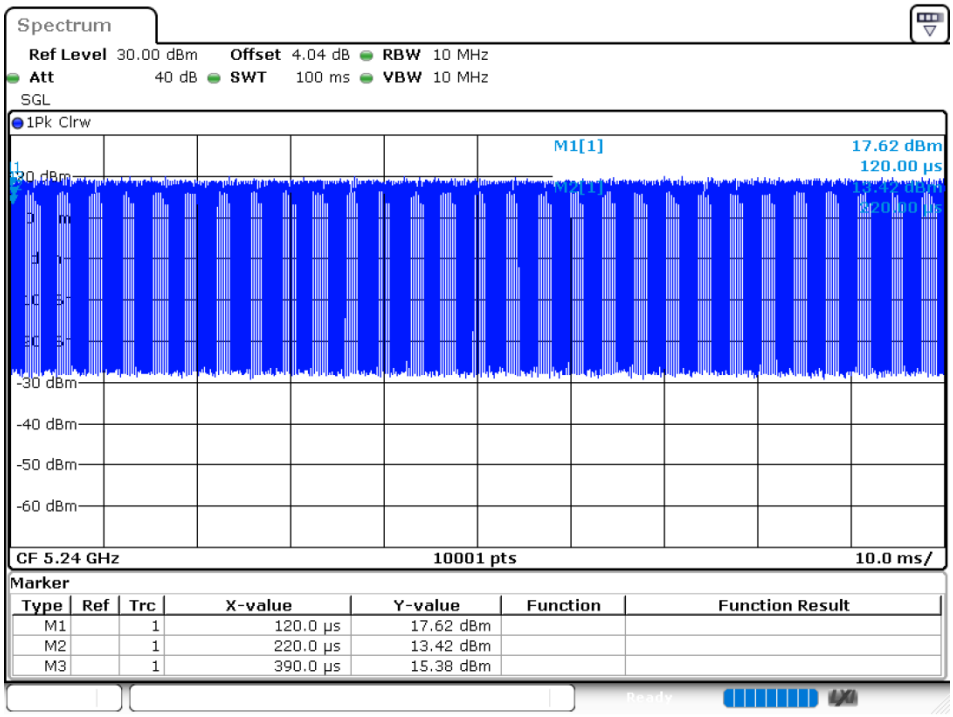
Duty Cycle NVNT n20 5180MHz Ant1



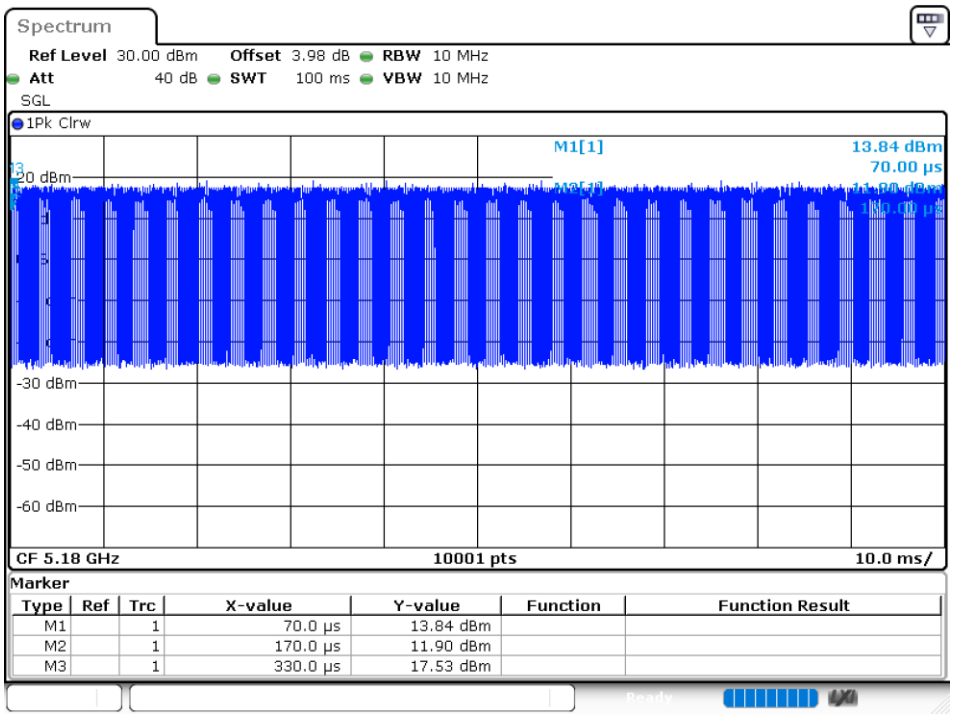
Duty Cycle NVNT n20 5200MHz Ant1



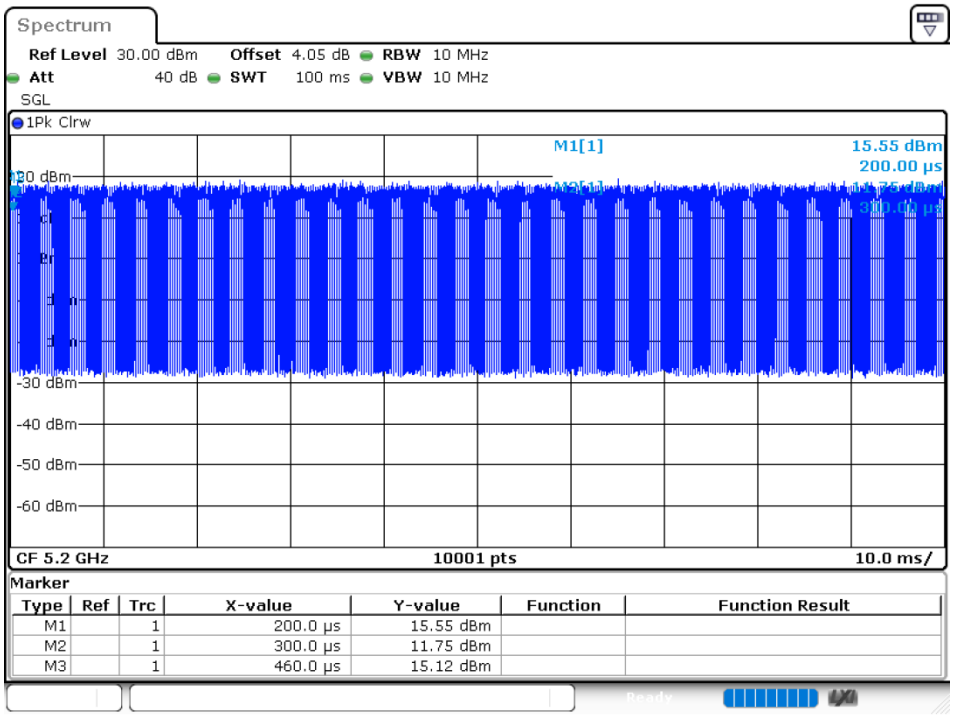
Duty Cycle NVNT n20 5240MHz Ant1



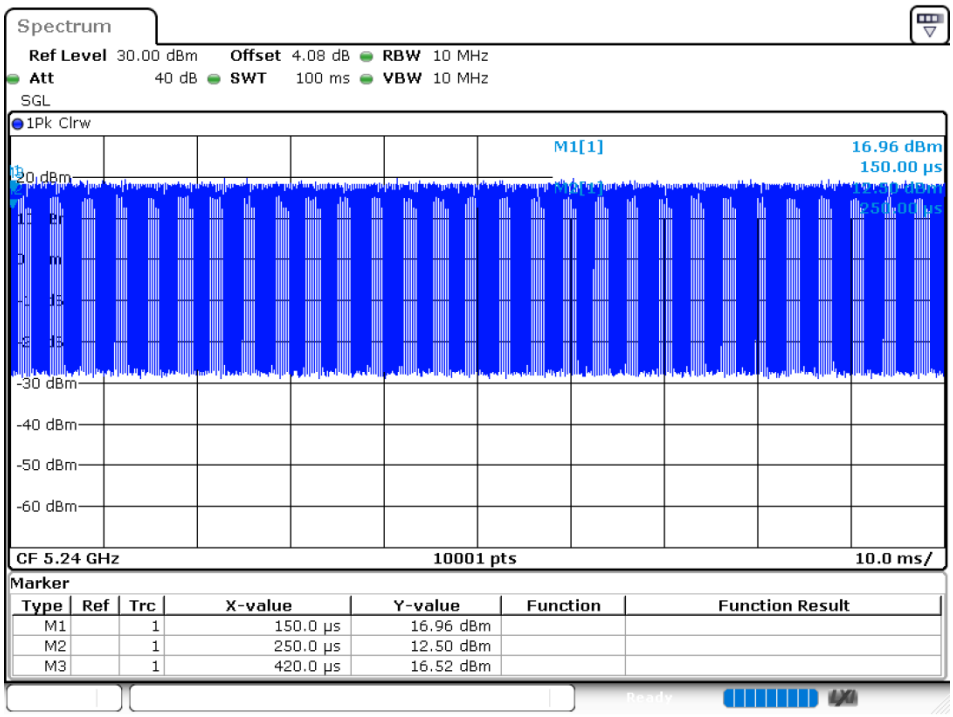
Duty Cycle NVNT n20 5180MHz Ant2



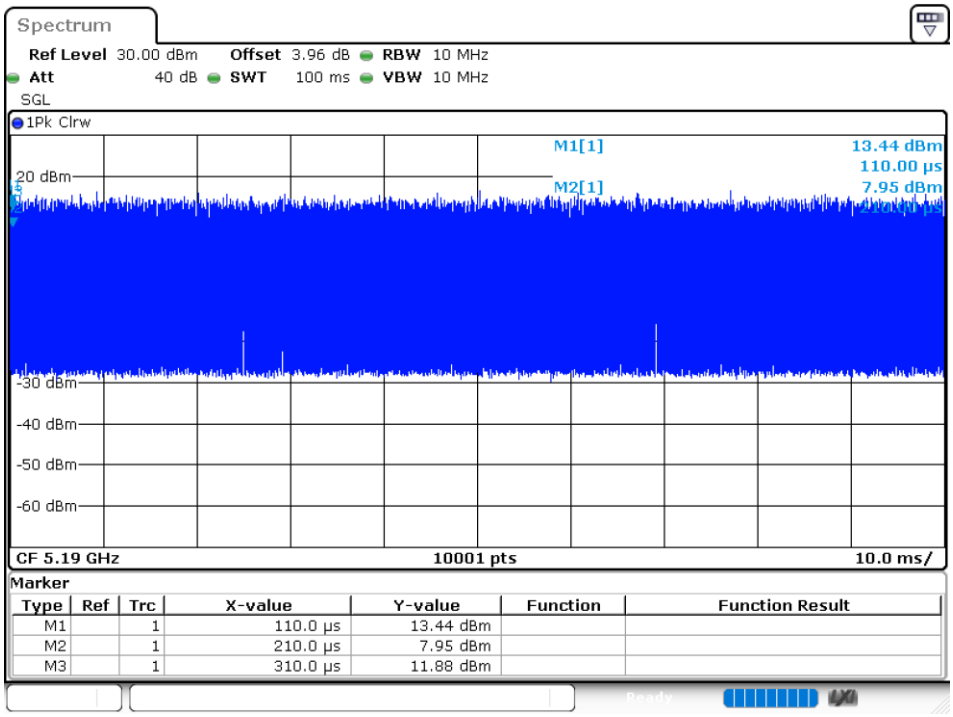
Duty Cycle NVNT n20 5200MHz Ant2



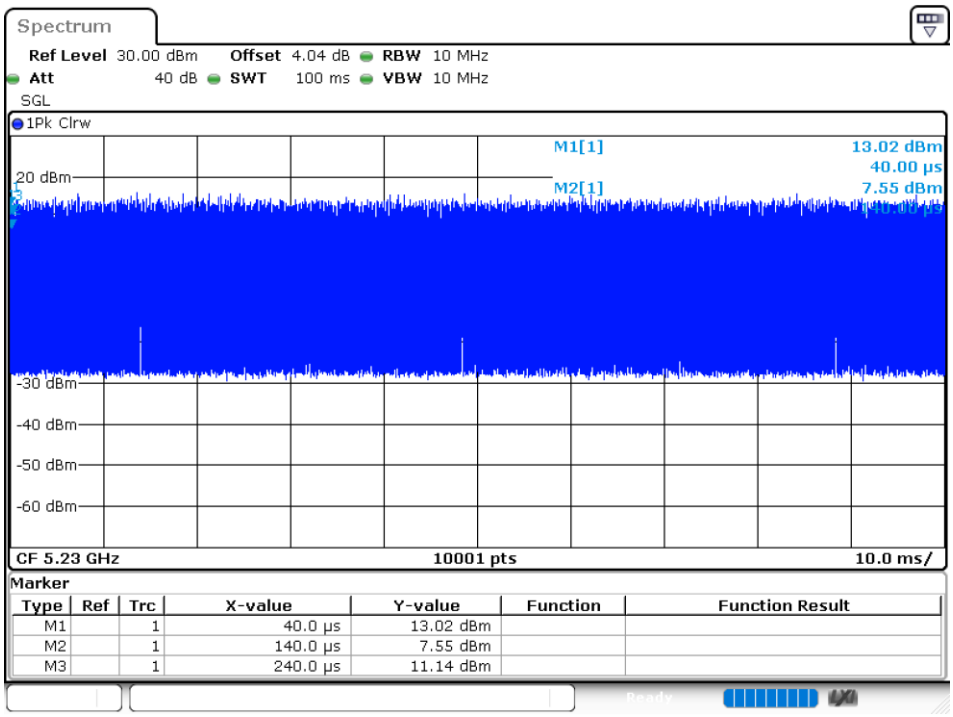
Duty Cycle NVNT n20 5240MHz Ant2



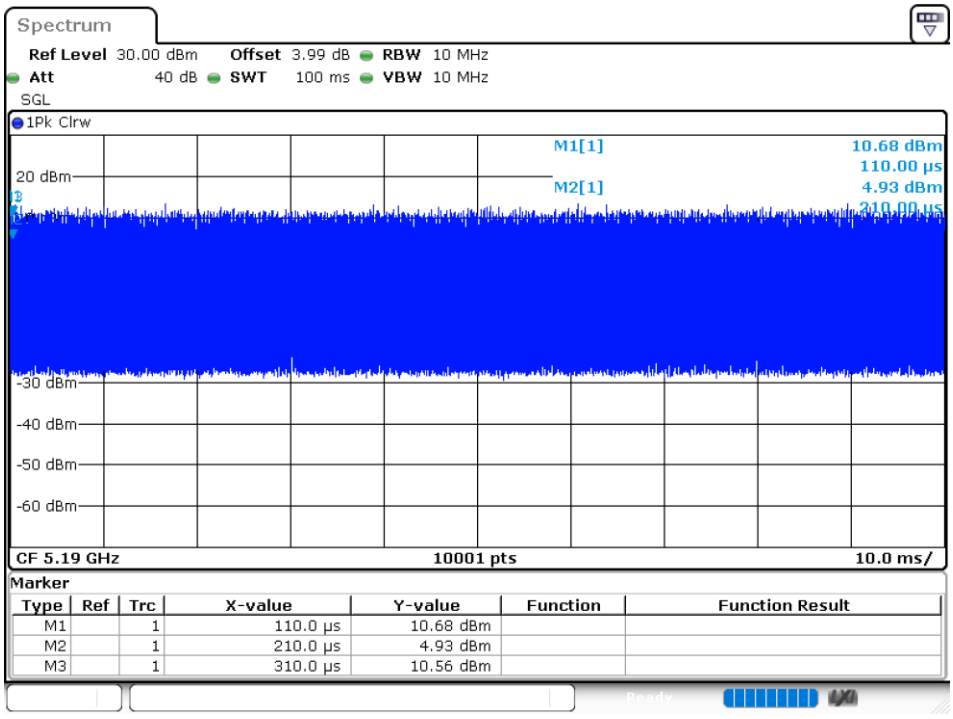
Duty Cycle NVNT n40 5190MHz Ant1



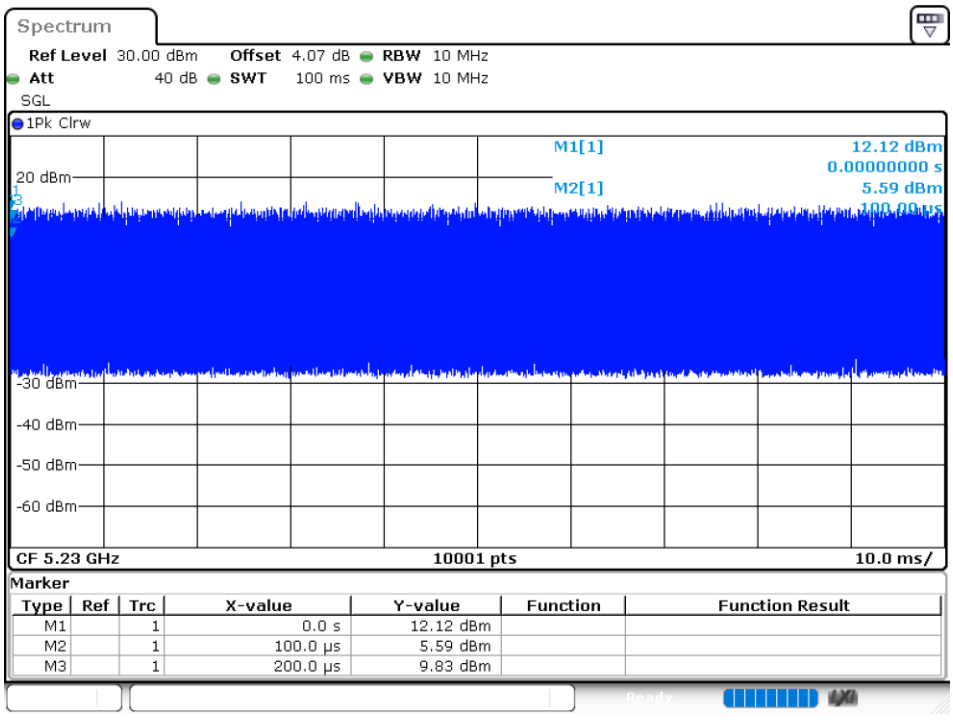
Duty Cycle NVNT n40 5230MHz Ant1



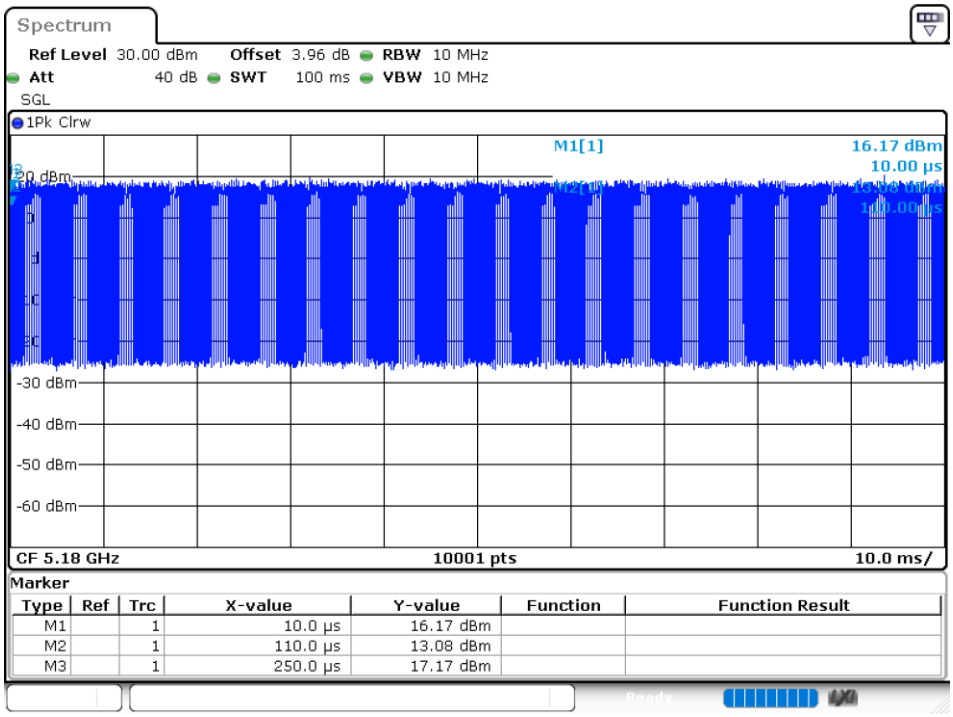
Duty Cycle NVNT n40 5190MHz Ant2



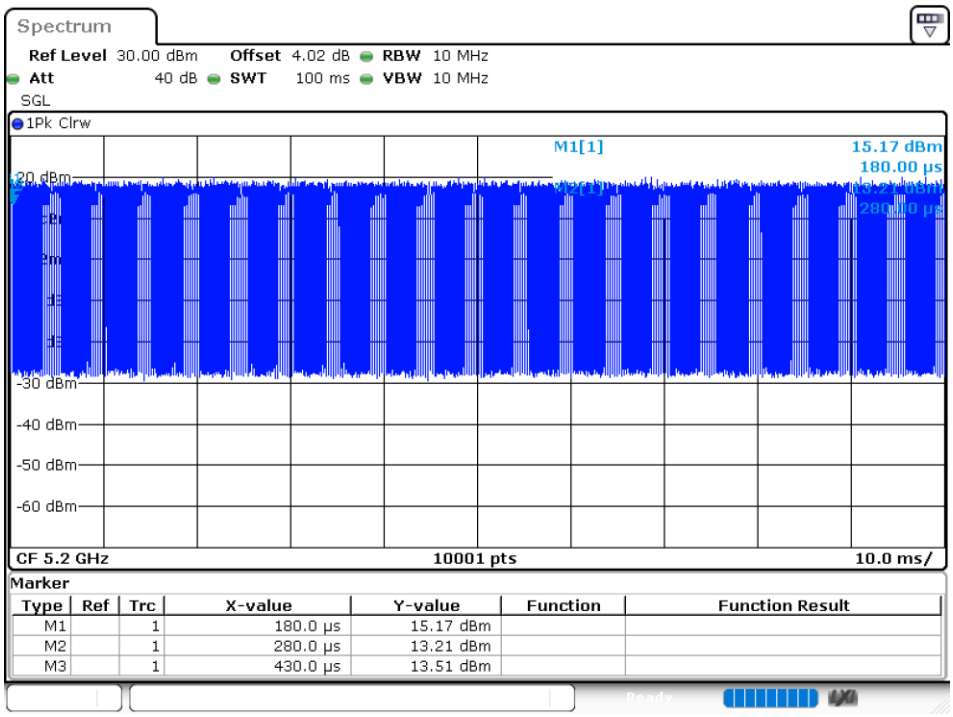
Duty Cycle NVNT n40 5230MHz Ant2



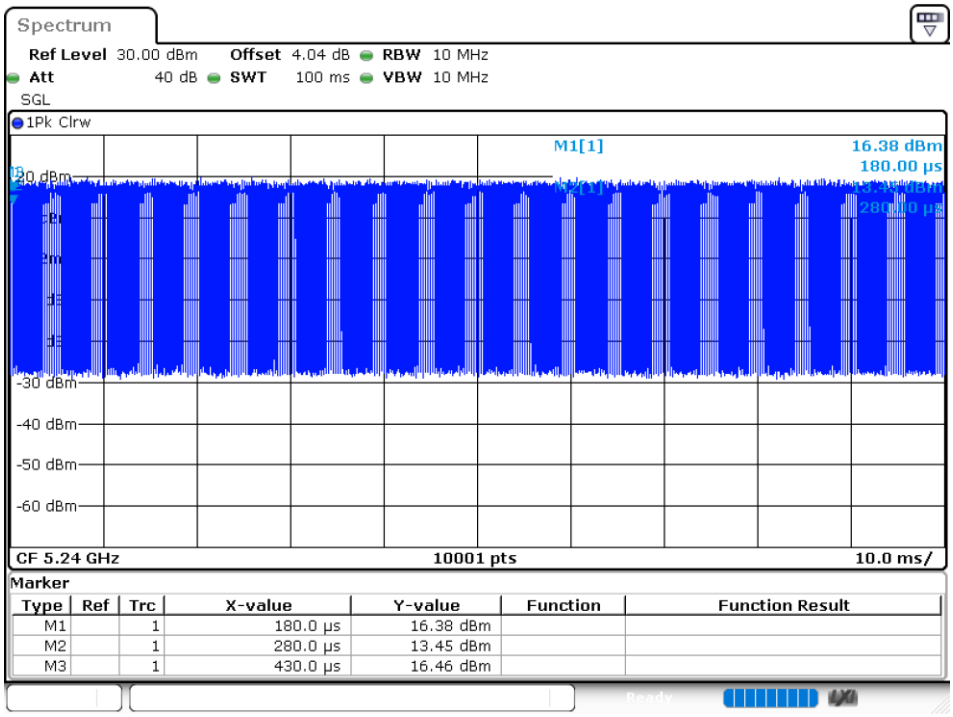
Duty Cycle NVNT ac20 5180MHz Ant1



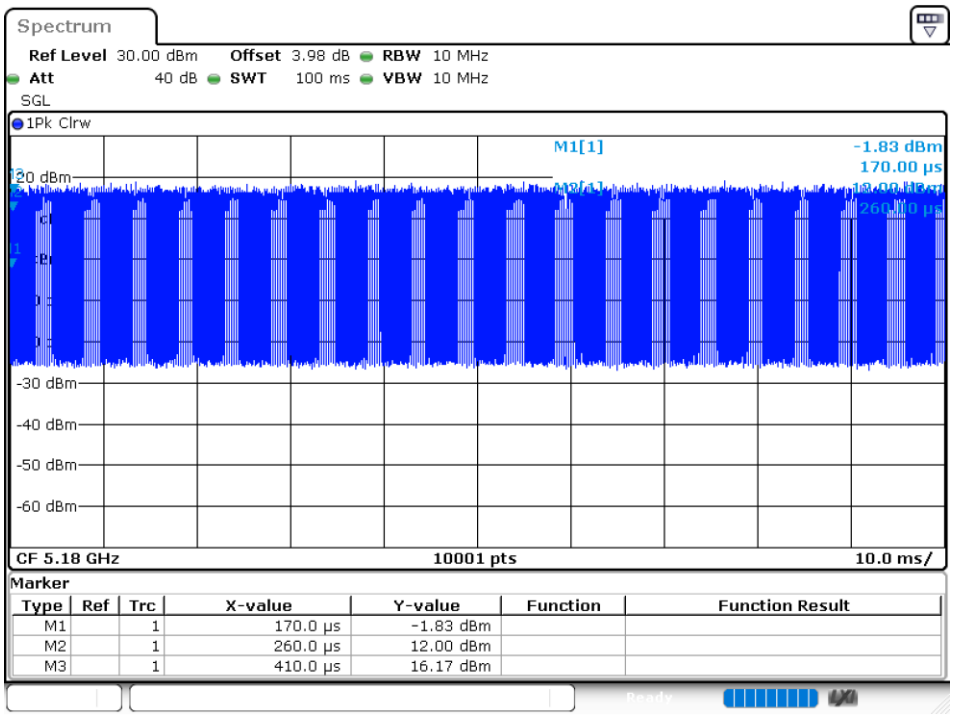
Duty Cycle NVNT ac20 5200MHz Ant1



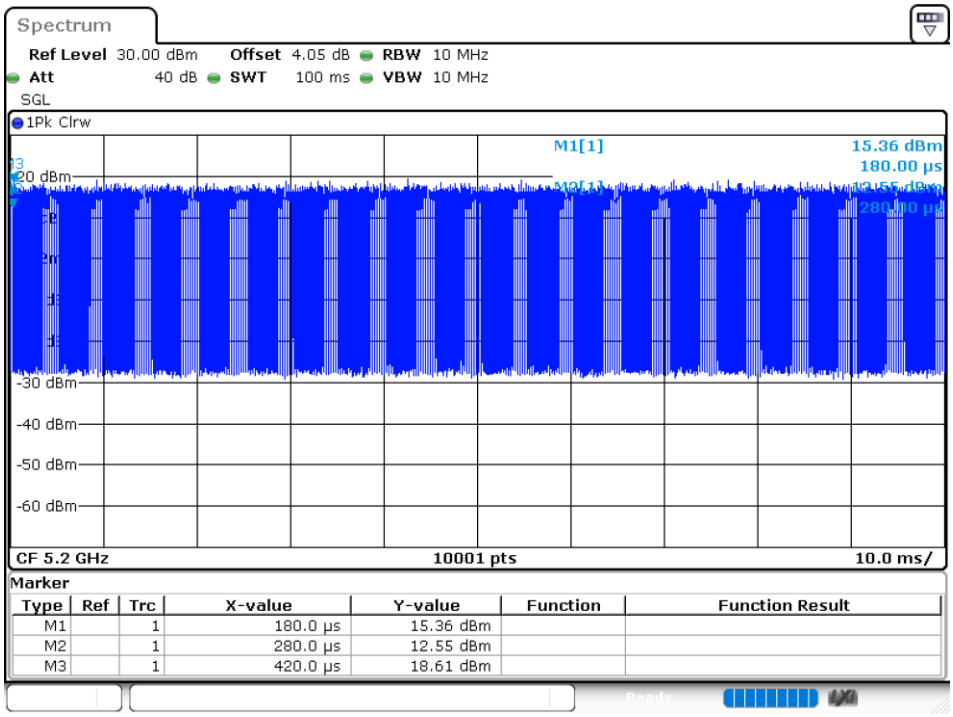
Duty Cycle NVNT ac20 5240MHz Ant1



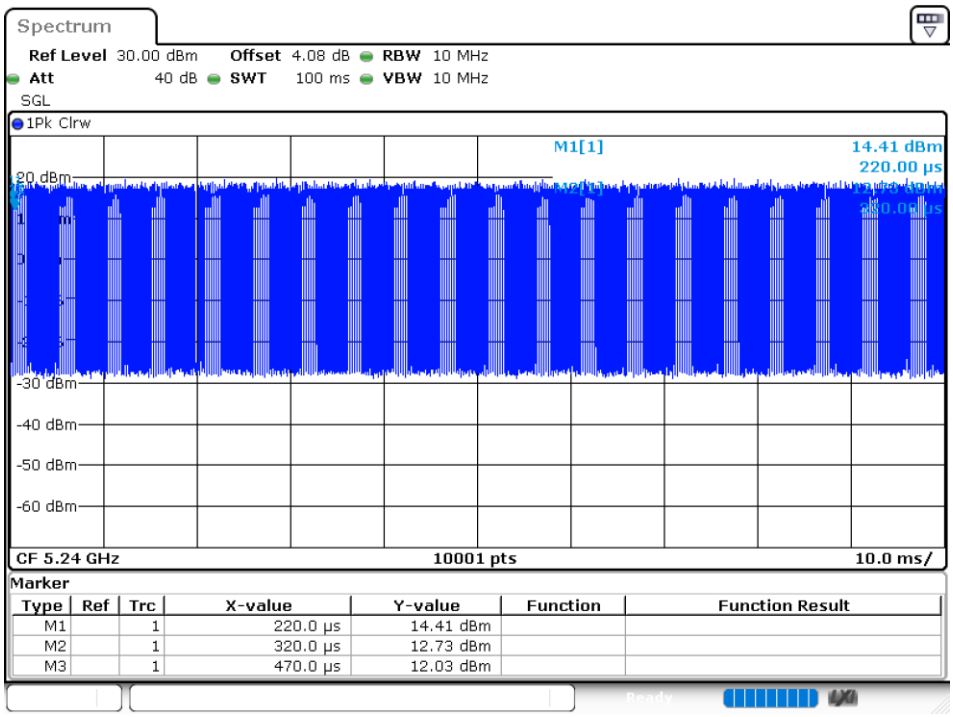
Duty Cycle NVNT ac20 5180MHz Ant2



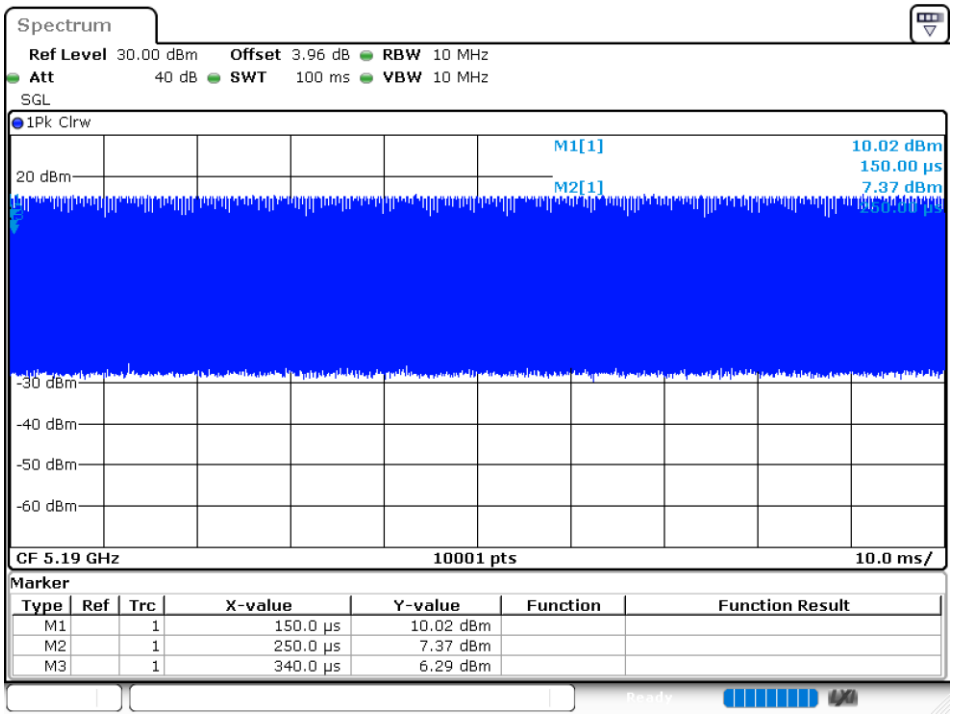
Duty Cycle NVNT ac20 5200MHz Ant2



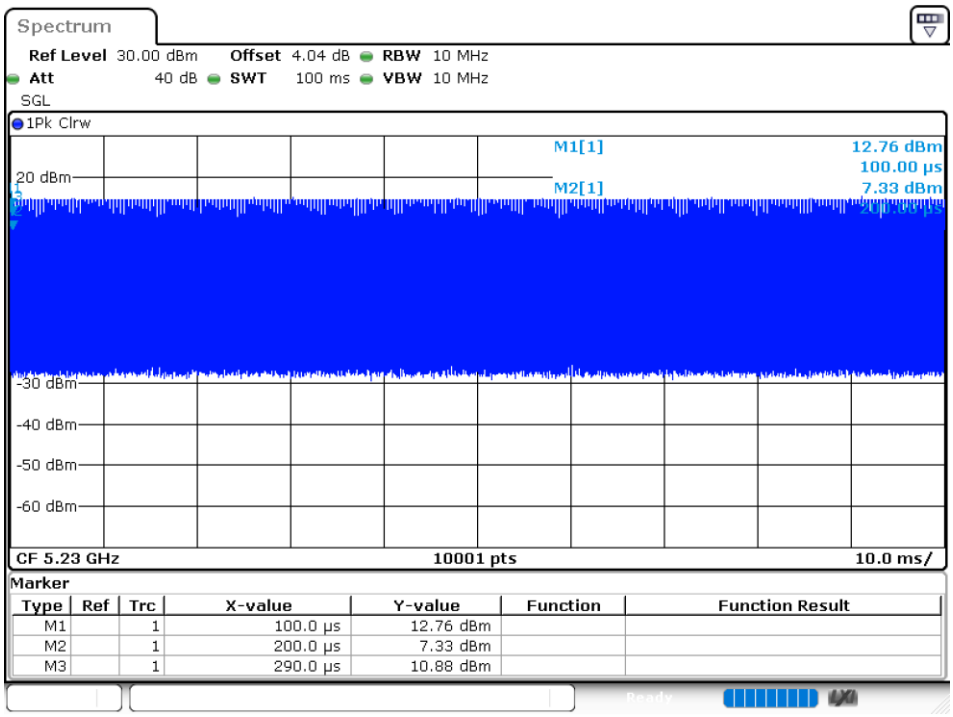
Duty Cycle NVNT ac20 5240MHz Ant2



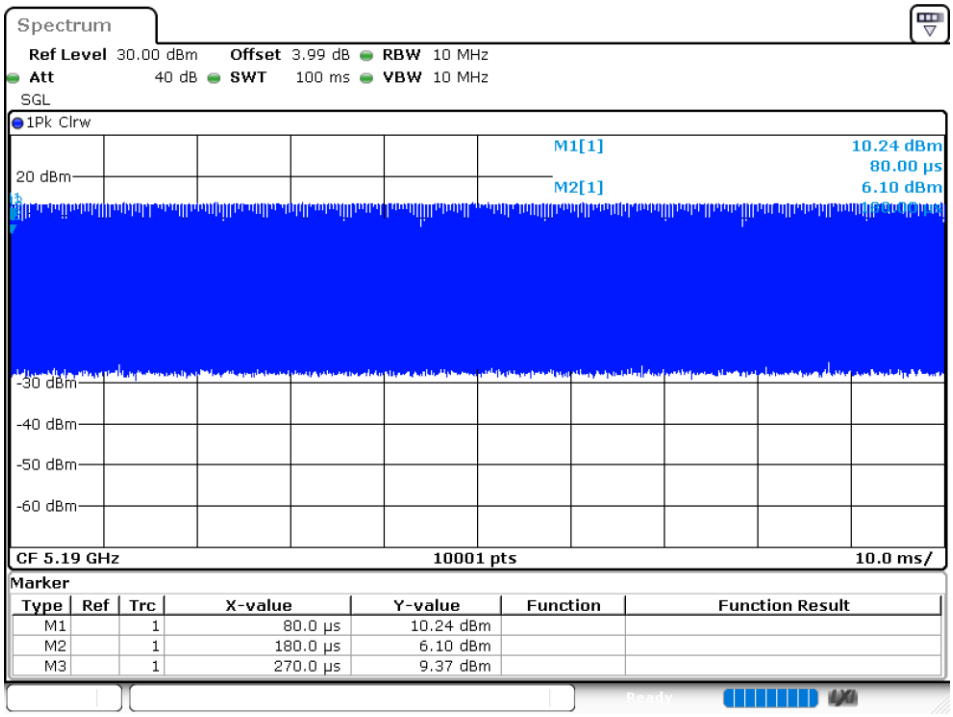
Duty Cycle NVNT ac40 5190MHz Ant1



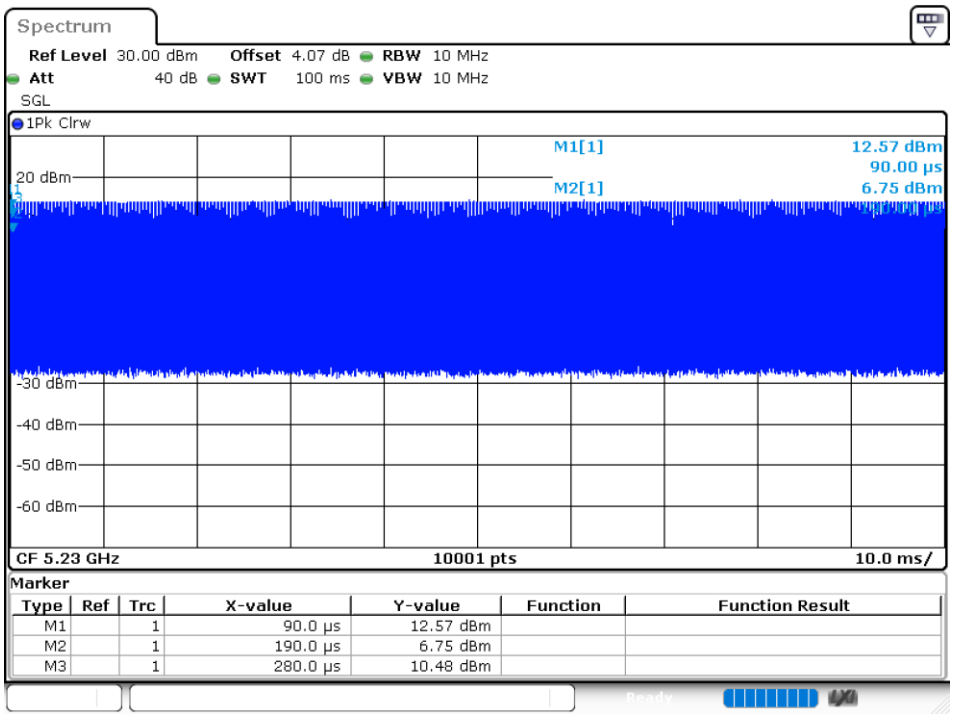
Duty Cycle NVNT ac40 5230MHz Ant1



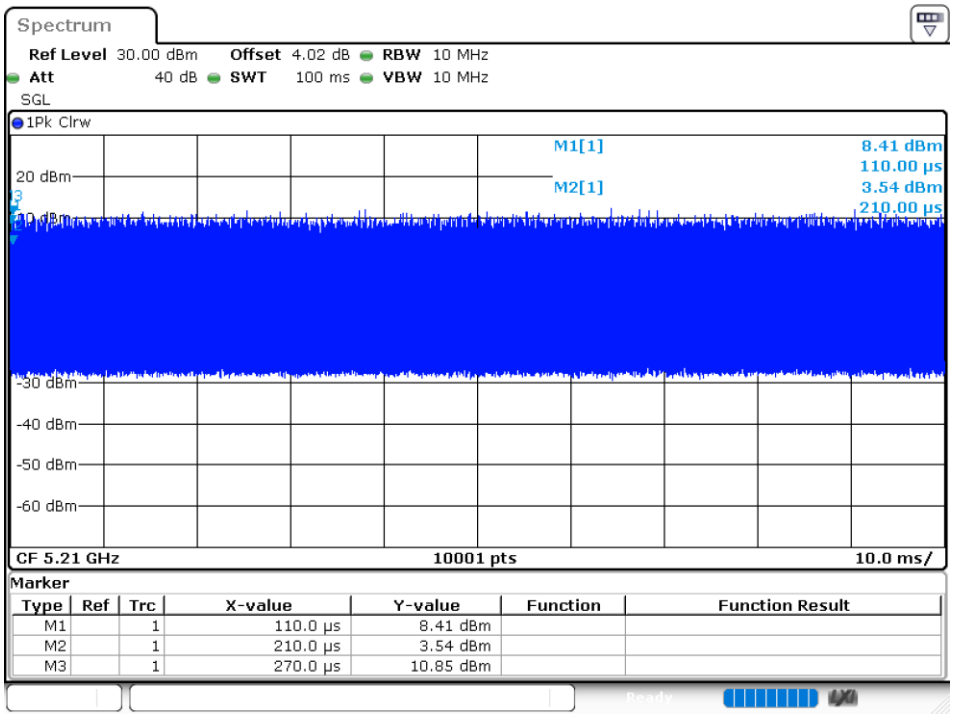
Duty Cycle NVNT ac40 5190MHz Ant2



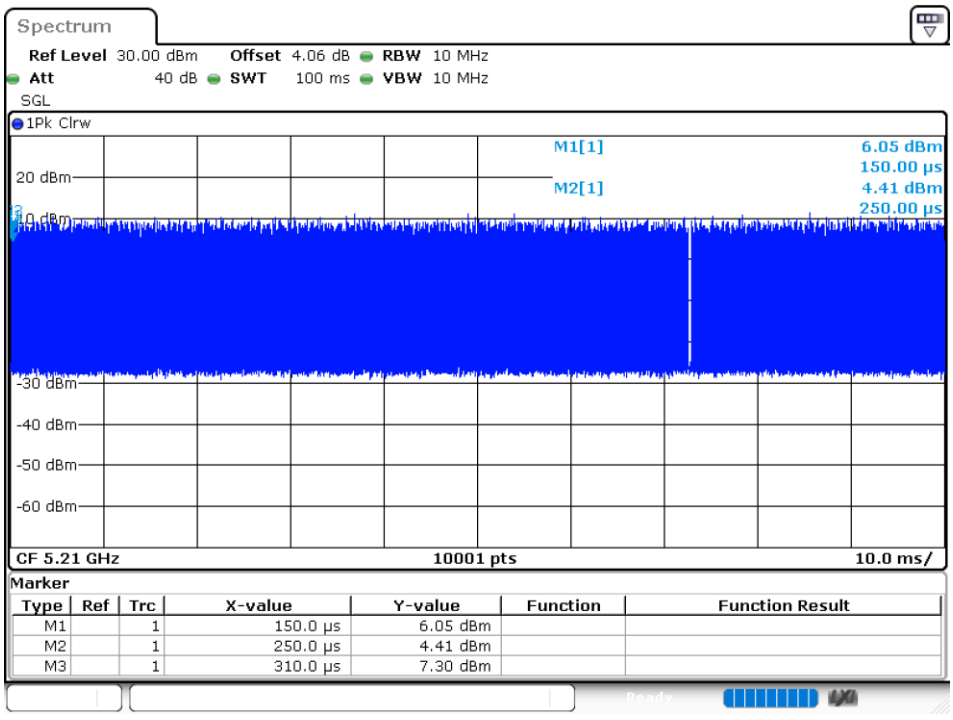
Duty Cycle NVNT ac40 5230MHz Ant2



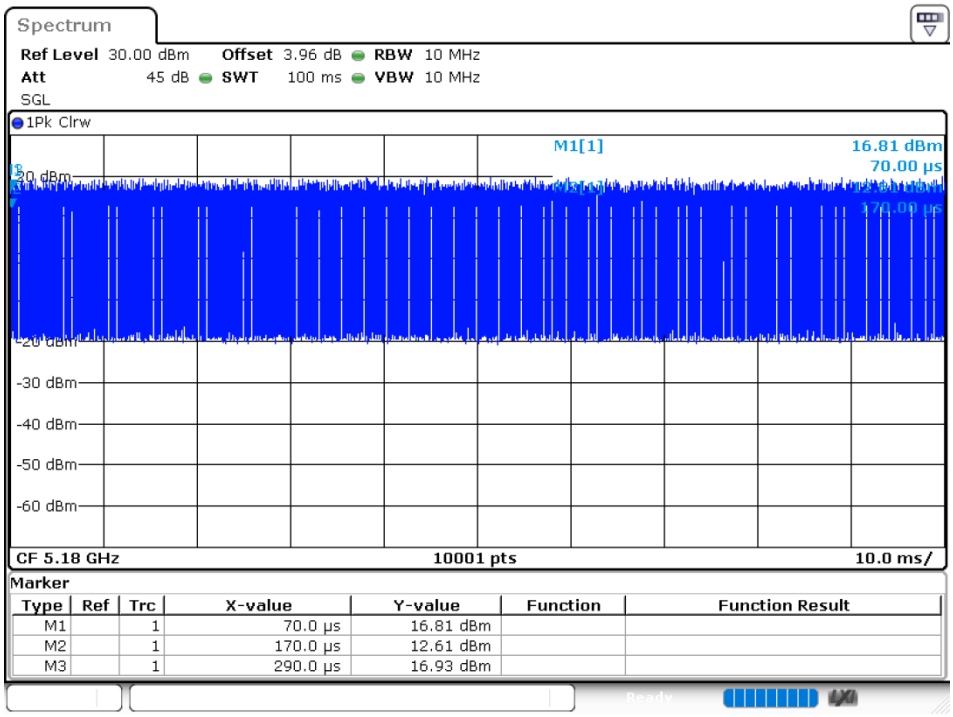
Duty Cycle NVNT ac80 5210MHz Ant1



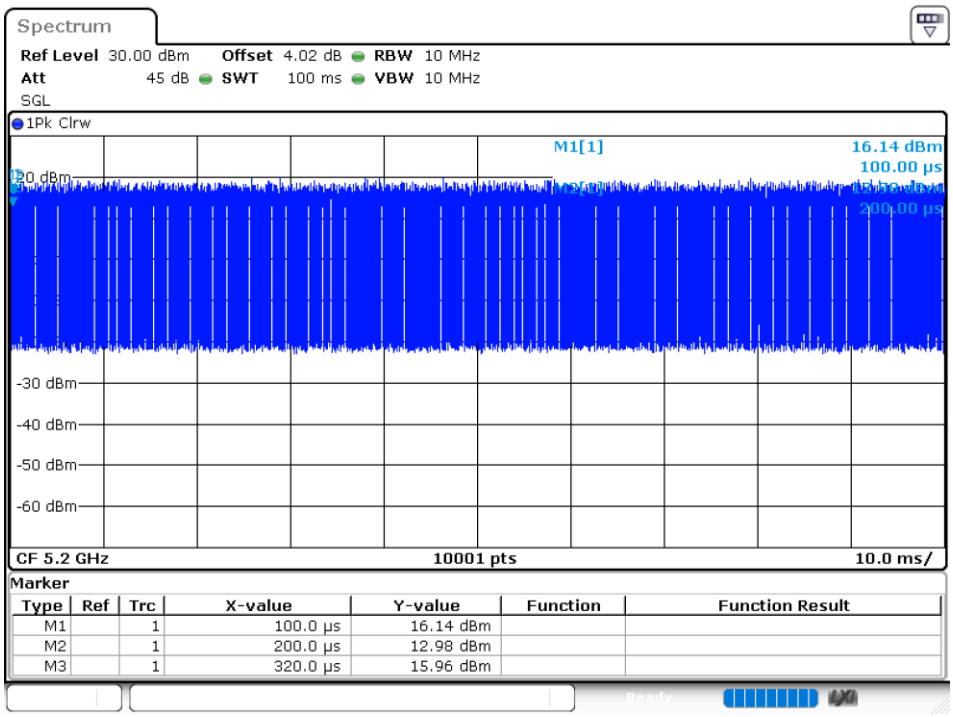
Duty Cycle NVNT ac80 5210MHz Ant2



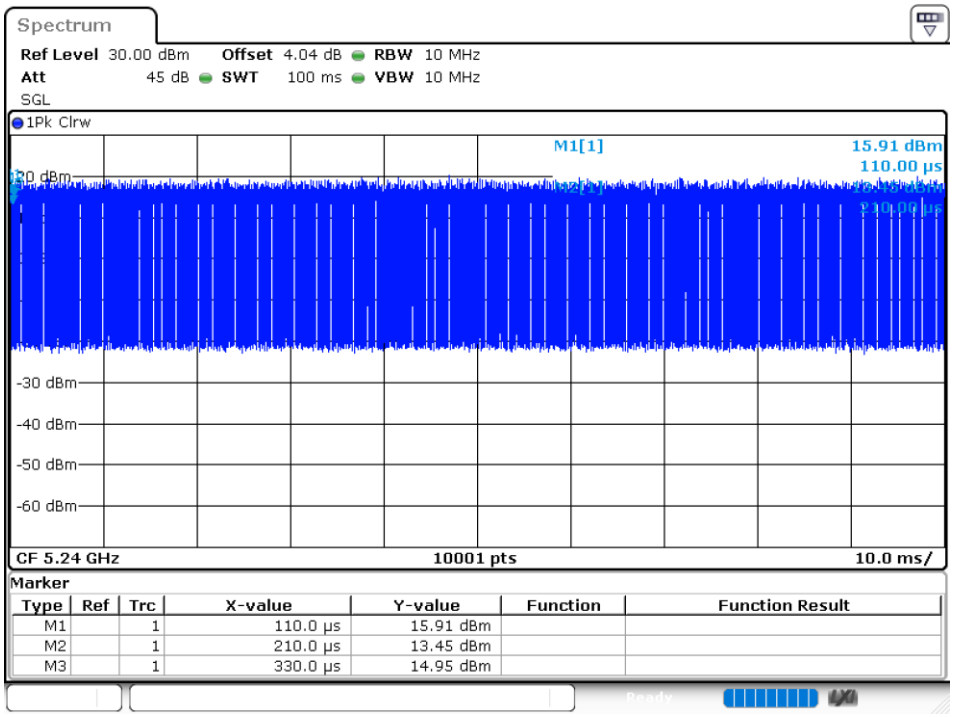
Duty Cycle NVNT ax20 5180MHz Ant1



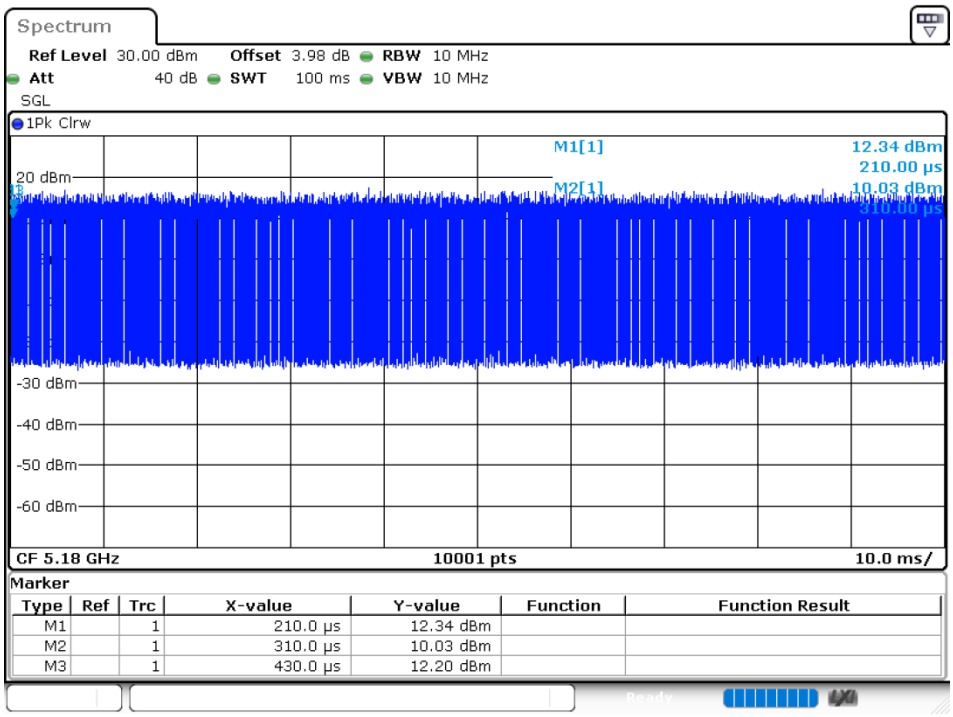
Duty Cycle NVNT ax20 5200MHz Ant1



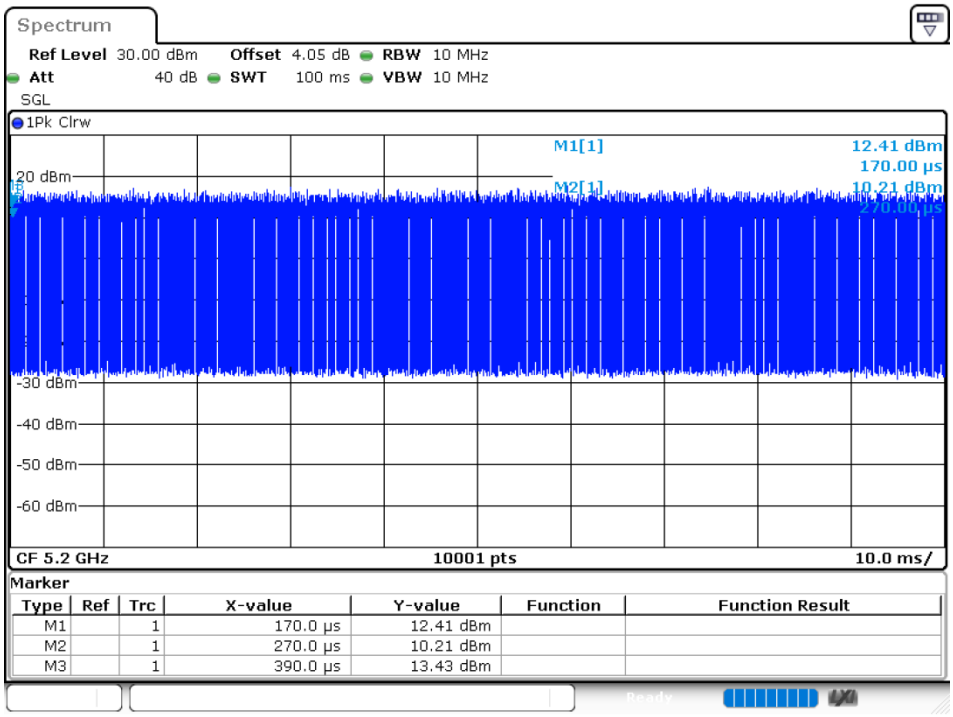
Duty Cycle NVNT ax20 5240MHz Ant1



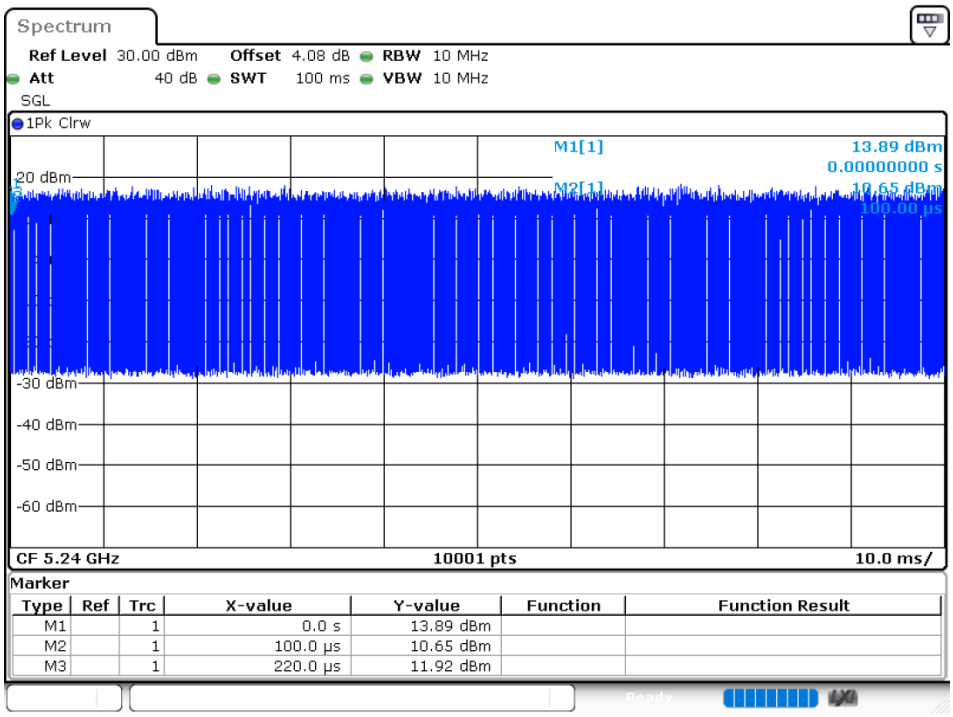
Duty Cycle NVNT ax20 5180MHz Ant2



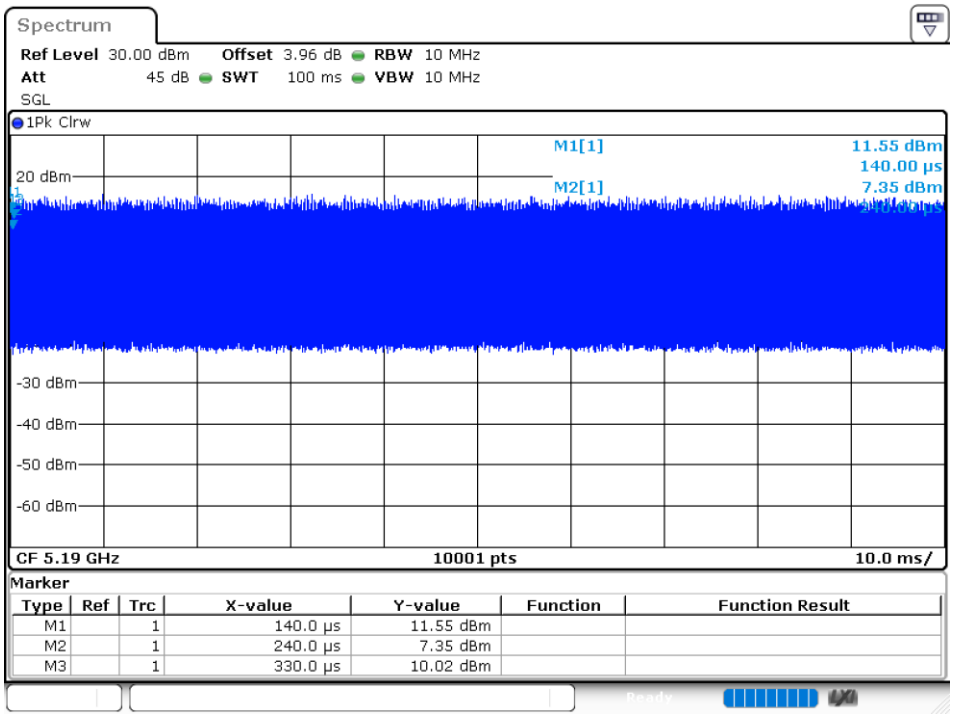
Duty Cycle NVNT ax20 5200MHz Ant2



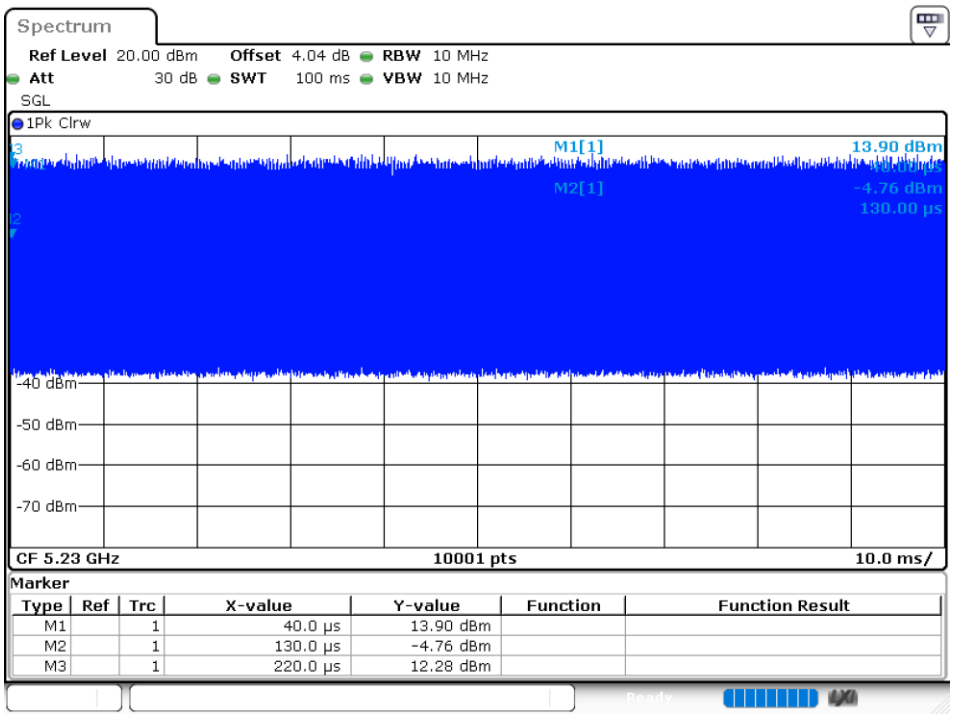
Duty Cycle NVNT ax20 5240MHz Ant2



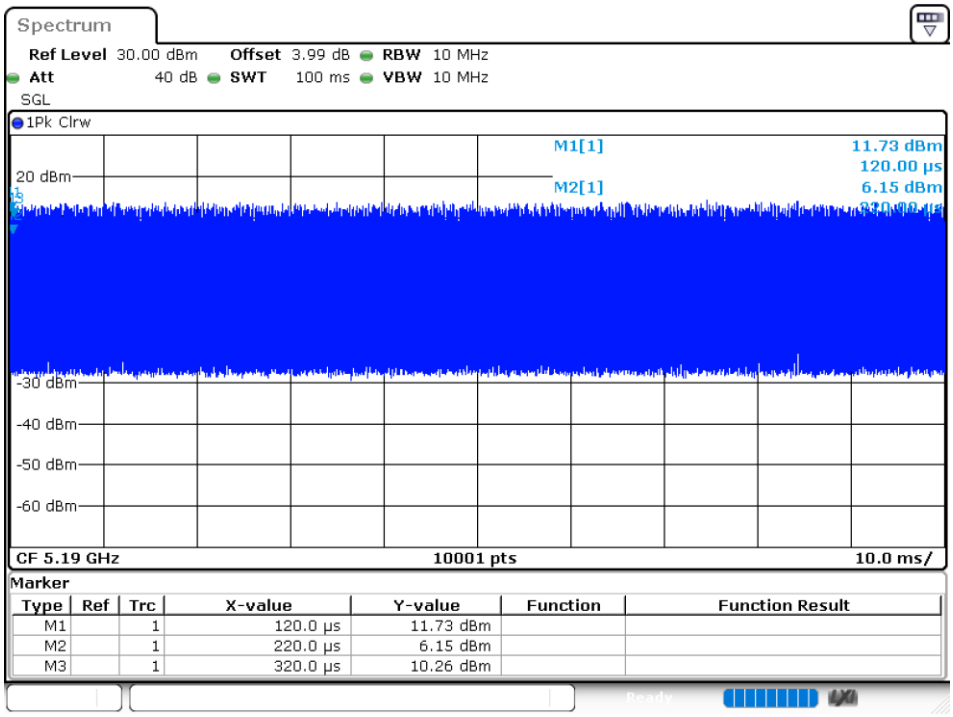
Duty Cycle NVNT ax40 5190MHz Ant1



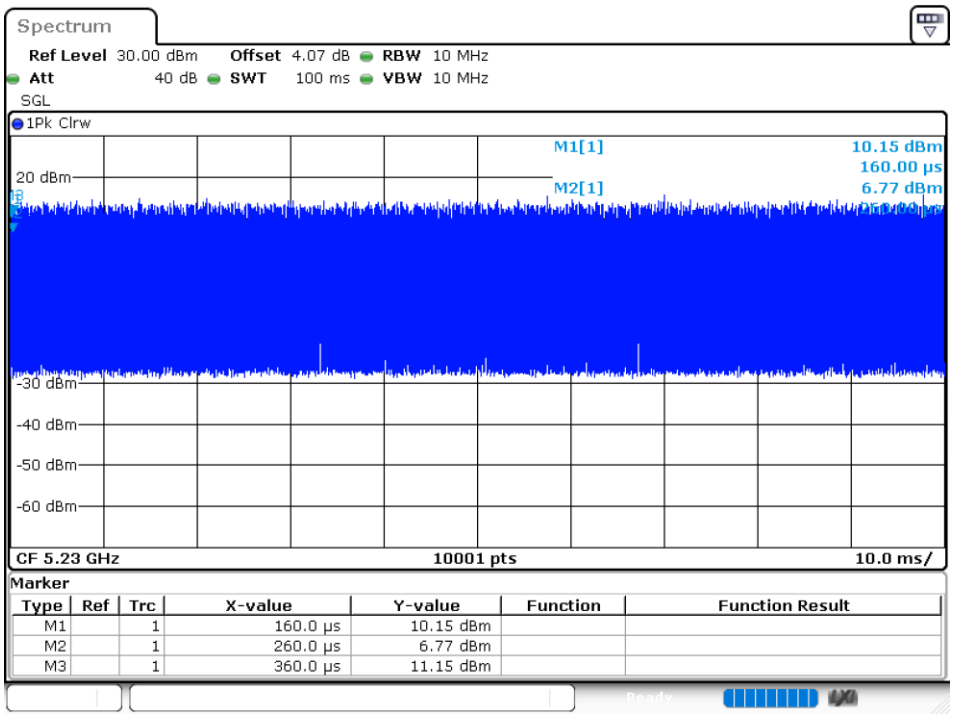
Duty Cycle NVNT ax40 5230MHz Ant1



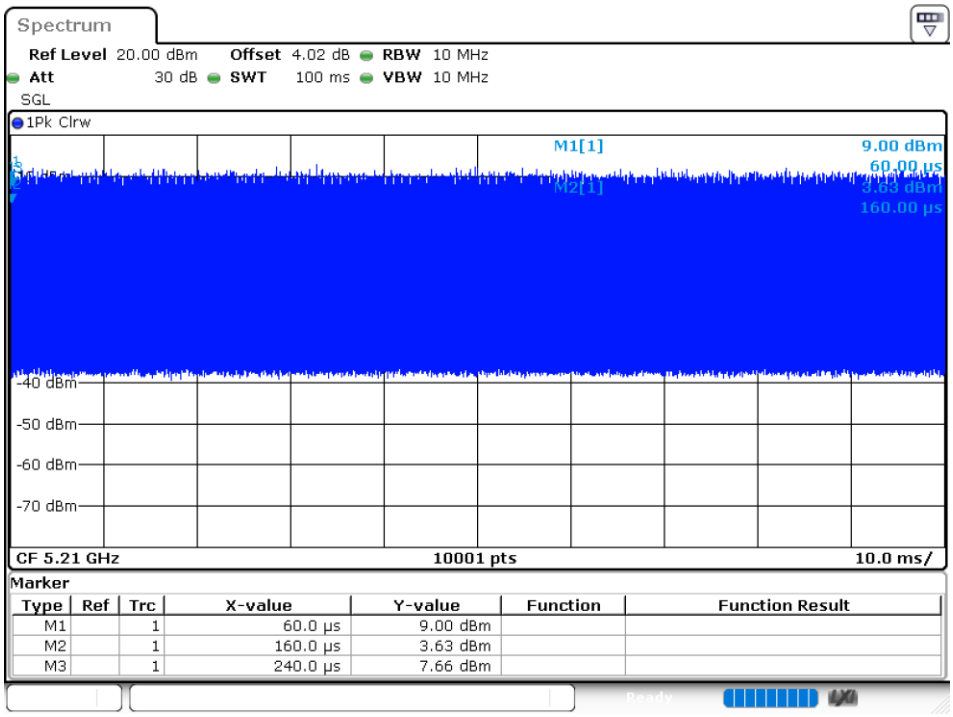
Duty Cycle NVNT ax40 5190MHz Ant2



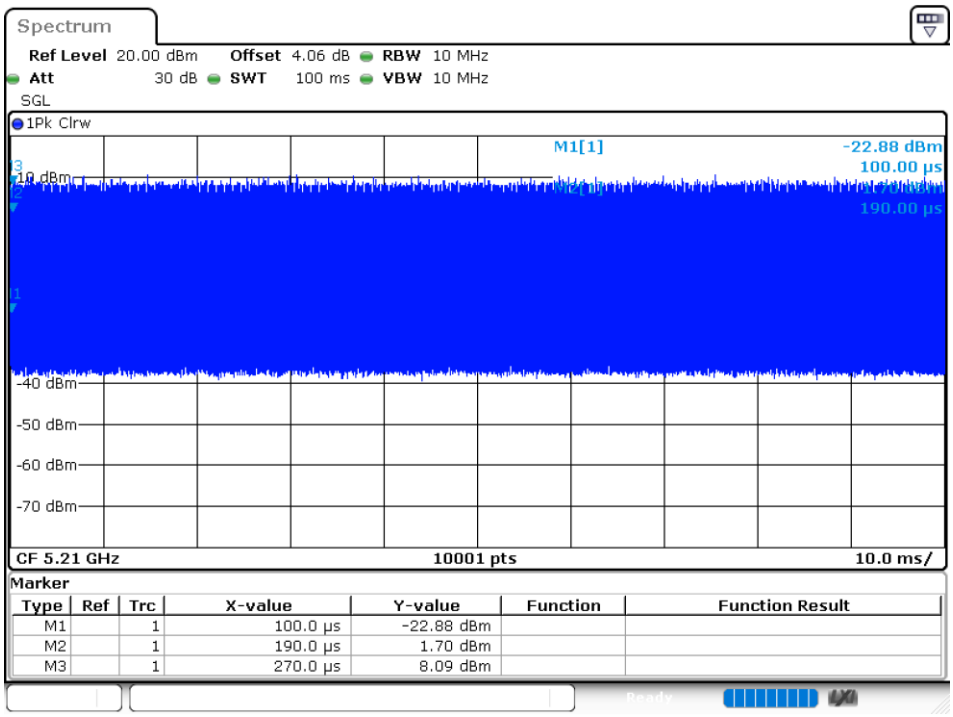
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



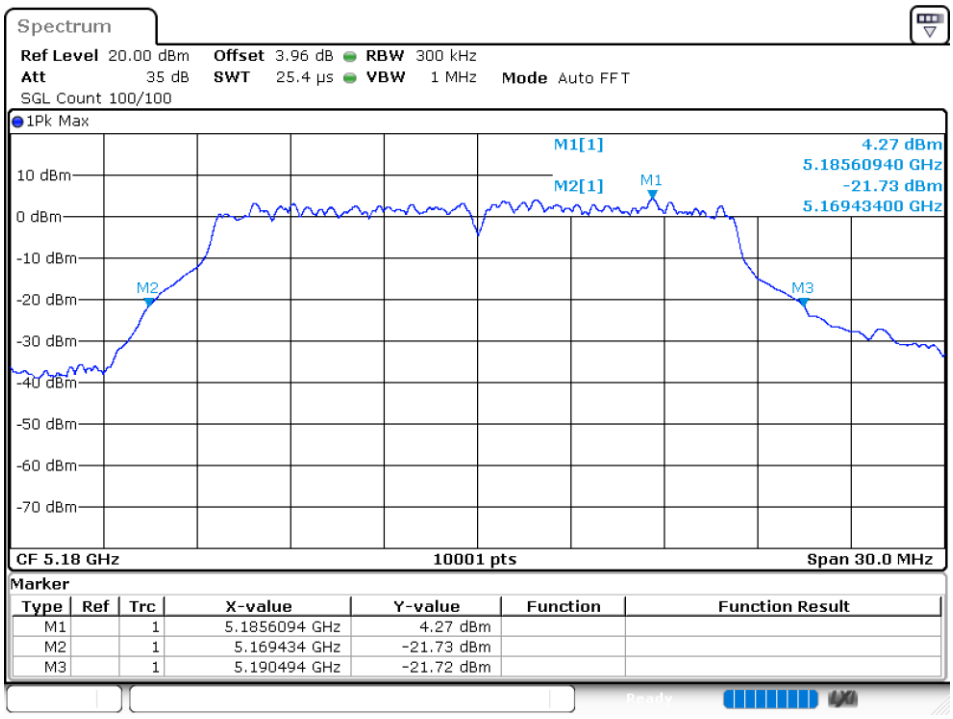
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.93	24	Pass
NVNT	a	5200	Ant1	14.16	24	Pass
NVNT	a	5240	Ant1	14.24	24	Pass
NVNT	a	5180	Ant2	11.34	24	Pass
NVNT	a	5200	Ant2	11.37	24	Pass
NVNT	a	5240	Ant2	11.36	24	Pass
NVNT	n20	5180	Ant1	13.15	24	Pass
NVNT	n20	5200	Ant1	13.06	24	Pass
NVNT	n20	5240	Ant1	13.05	24	Pass
NVNT	n20	5180	Ant2	12.31	24	Pass
NVNT	n20	5200	Ant2	12.18	24	Pass
NVNT	n20	5240	Ant2	12.25	24	Pass
NVNT	n40	5190	Ant1	11.48	24	Pass
NVNT	n40	5230	Ant1	11.75	24	Pass
NVNT	n40	5190	Ant2	9.4	24	Pass
NVNT	n40	5230	Ant2	9.3	24	Pass
NVNT	ac20	5180	Ant1	12.83	24	Pass
NVNT	ac20	5200	Ant1	13.14	24	Pass
NVNT	ac20	5240	Ant1	13.35	24	Pass
NVNT	ac20	5180	Ant2	12.3	24	Pass
NVNT	ac20	5200	Ant2	12.28	24	Pass
NVNT	ac20	5240	Ant2	12.35	24	Pass
NVNT	ac40	5190	Ant1	11.21	24	Pass
NVNT	ac40	5230	Ant1	11.57	24	Pass
NVNT	ac40	5190	Ant2	10.21	24	Pass
NVNT	ac40	5230	Ant2	10.34	24	Pass
NVNT	ac80	5210	Ant1	11.15	24	Pass
NVNT	ac80	5210	Ant2	10.21	24	Pass
NVNT	ax20	5180	Ant1	13.35	24	Pass
NVNT	ax20	5200	Ant1	13.36	24	Pass
NVNT	ax20	5240	Ant1	13.38	24	Pass
NVNT	ax20	5180	Ant2	10.66	24	Pass
NVNT	ax20	5200	Ant2	10.55	24	Pass
NVNT	ax20	5240	Ant2	10.59	24	Pass
NVNT	ax40	5190	Ant1	11.55	24	Pass
NVNT	ax40	5230	Ant1	11.83	24	Pass
NVNT	ax40	5190	Ant2	10.6	24	Pass
NVNT	ax40	5230	Ant2	10.52	24	Pass
NVNT	ax80	5210	Ant1	11.48	24	Pass
NVNT	ax80	5210	Ant2	9.61	24	Pass

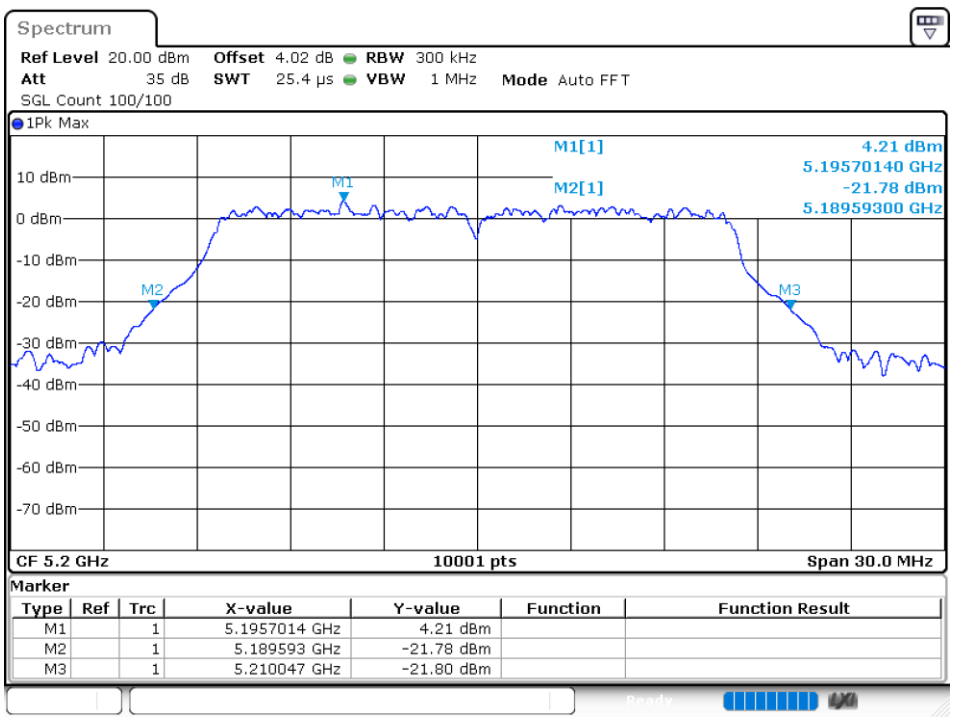
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.06	Pass
NVNT	a	5200	Ant1	20.454	Pass
NVNT	a	5240	Ant1	21.054	Pass
NVNT	a	5180	Ant2	21.375	Pass
NVNT	a	5200	Ant2	20.94	Pass
NVNT	a	5240	Ant2	21.315	Pass
NVNT	n20	5180	Ant1	20.922	Pass
NVNT	n20	5200	Ant1	21.465	Pass
NVNT	n20	5240	Ant1	21.498	Pass
NVNT	n20	5180	Ant2	20.949	Pass
NVNT	n20	5200	Ant2	21.243	Pass
NVNT	n20	5240	Ant2	21.594	Pass
NVNT	n40	5190	Ant1	39.516	Pass
NVNT	n40	5230	Ant1	40.23	Pass
NVNT	n40	5190	Ant2	39.63	Pass
NVNT	n40	5230	Ant2	39.51	Pass
NVNT	ac20	5180	Ant1	21.684	Pass
NVNT	ac20	5200	Ant1	21.528	Pass
NVNT	ac20	5240	Ant1	21.108	Pass
NVNT	ac20	5180	Ant2	21.534	Pass
NVNT	ac20	5200	Ant2	21.633	Pass
NVNT	ac20	5240	Ant2	21.588	Pass
NVNT	ac40	5190	Ant1	40.158	Pass
NVNT	ac40	5230	Ant1	40.248	Pass
NVNT	ac40	5190	Ant2	40.272	Pass
NVNT	ac40	5230	Ant2	40.134	Pass
NVNT	ac80	5210	Ant1	81.228	Pass
NVNT	ac80	5210	Ant2	81.264	Pass
NVNT	ax20	5180	Ant1	20.799	Pass
NVNT	ax20	5200	Ant1	21.015	Pass
NVNT	ax20	5240	Ant1	21.105	Pass
NVNT	ax20	5180	Ant2	20.904	Pass
NVNT	ax20	5200	Ant2	21.324	Pass
NVNT	ax20	5240	Ant2	21.477	Pass
NVNT	ax40	5190	Ant1	39.888	Pass
NVNT	ax40	5230	Ant1	40.056	Pass
NVNT	ax40	5190	Ant2	40.284	Pass
NVNT	ax40	5230	Ant2	40.314	Pass
NVNT	ax80	5210	Ant1	81.78	Pass
NVNT	ax80	5210	Ant2	81.504	Pass

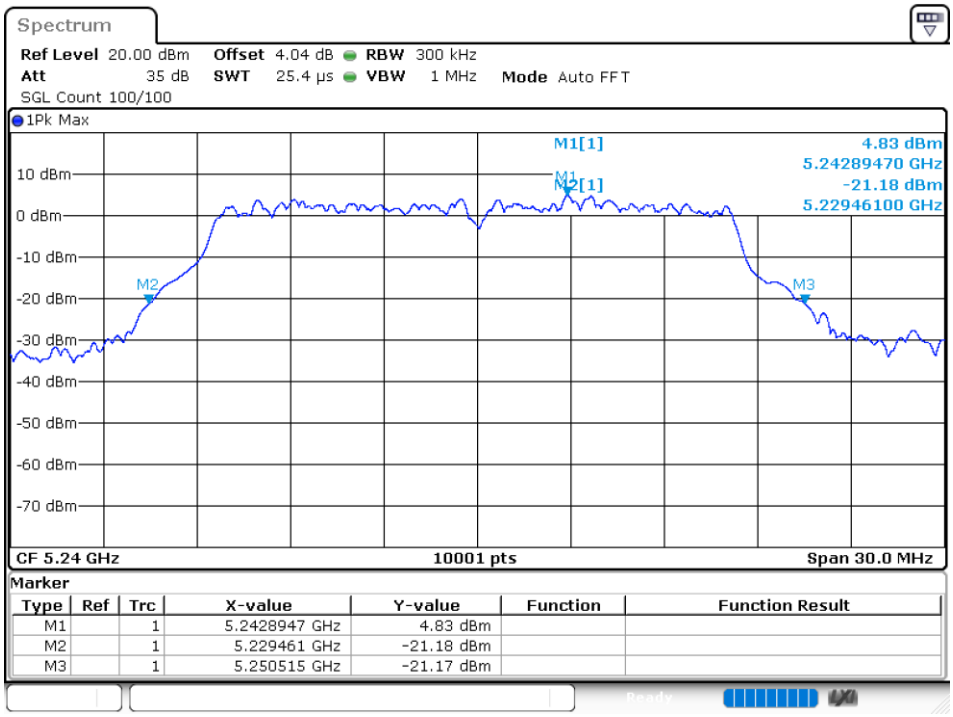
Test Graphs
-26dB Bandwidth NVNT a 5180MHz Ant1



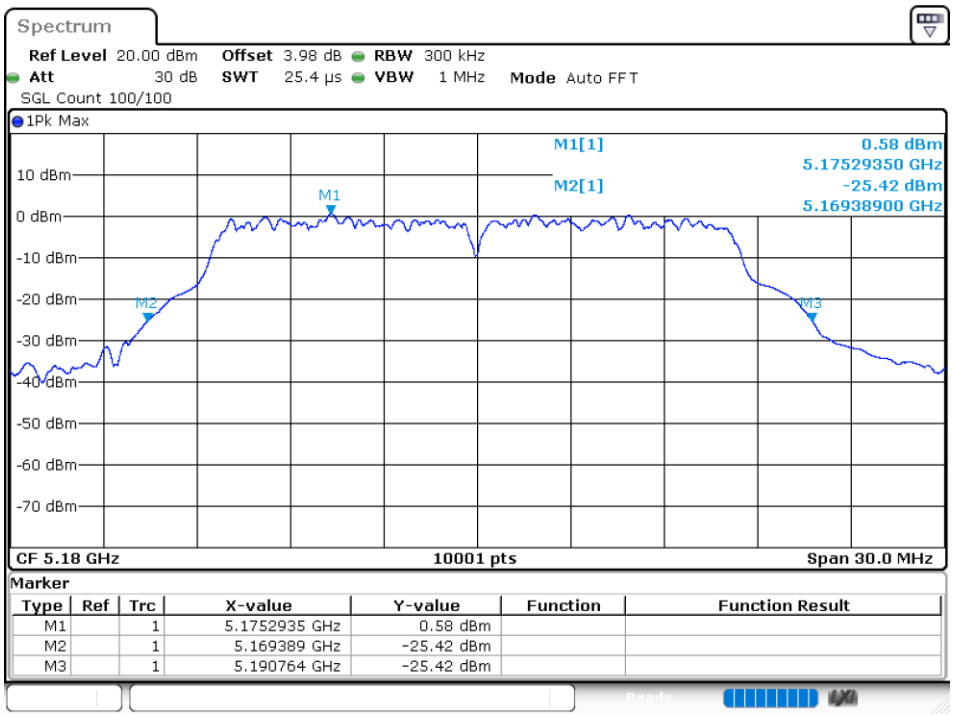
-26dB Bandwidth NVNT a 5200MHz Ant1



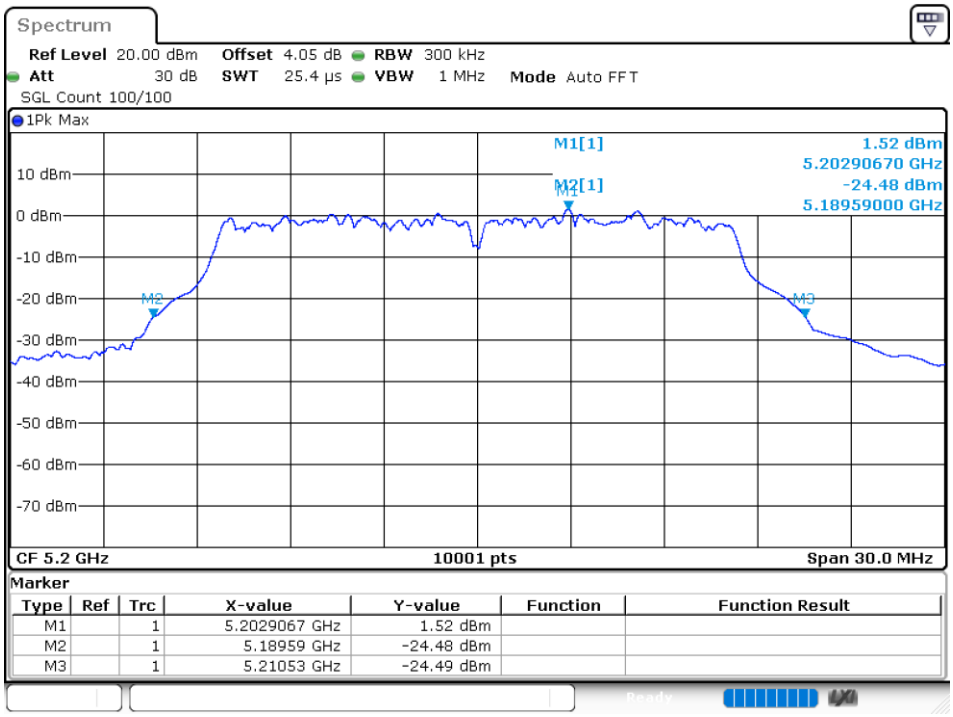
-26dB Bandwidth NVNT a 5240MHz Ant1



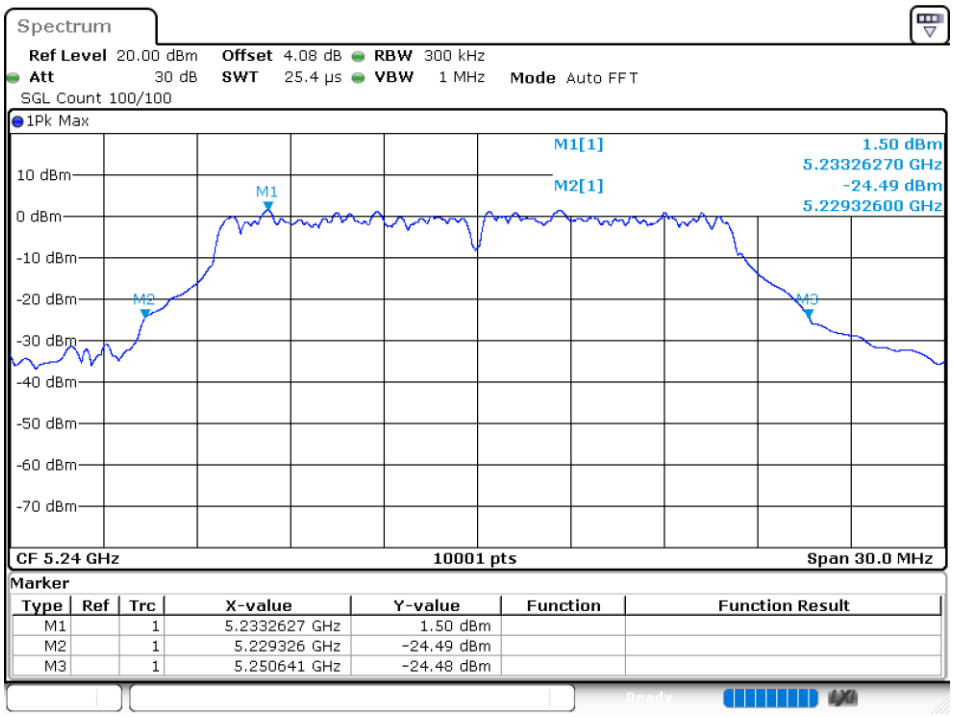
-26dB Bandwidth NVNT a 5180MHz Ant2



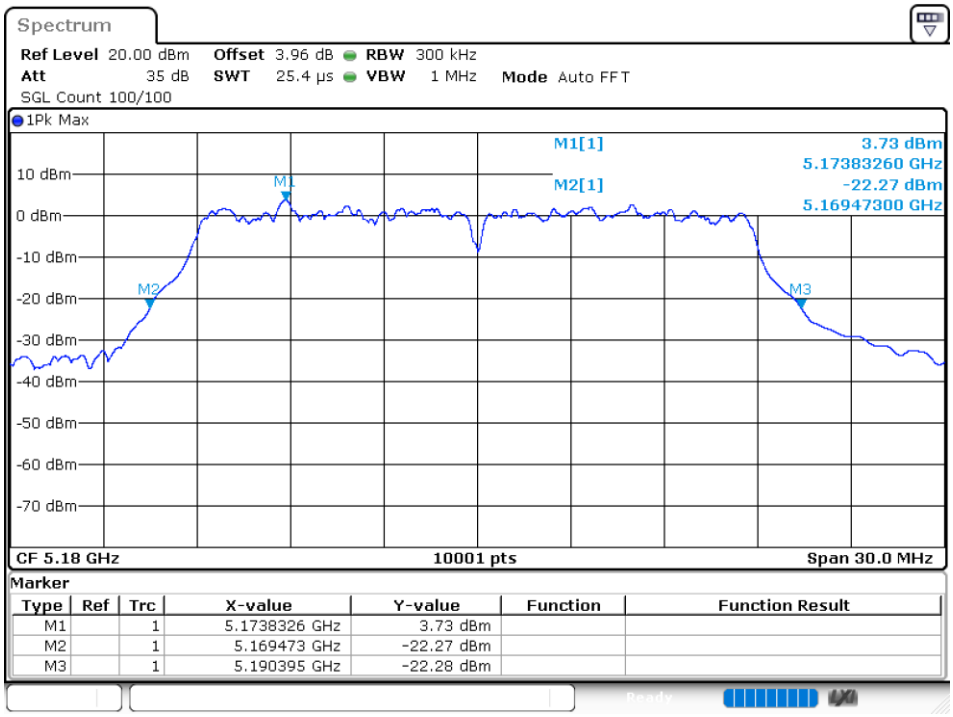
-26dB Bandwidth NVNT a 5200MHz Ant2



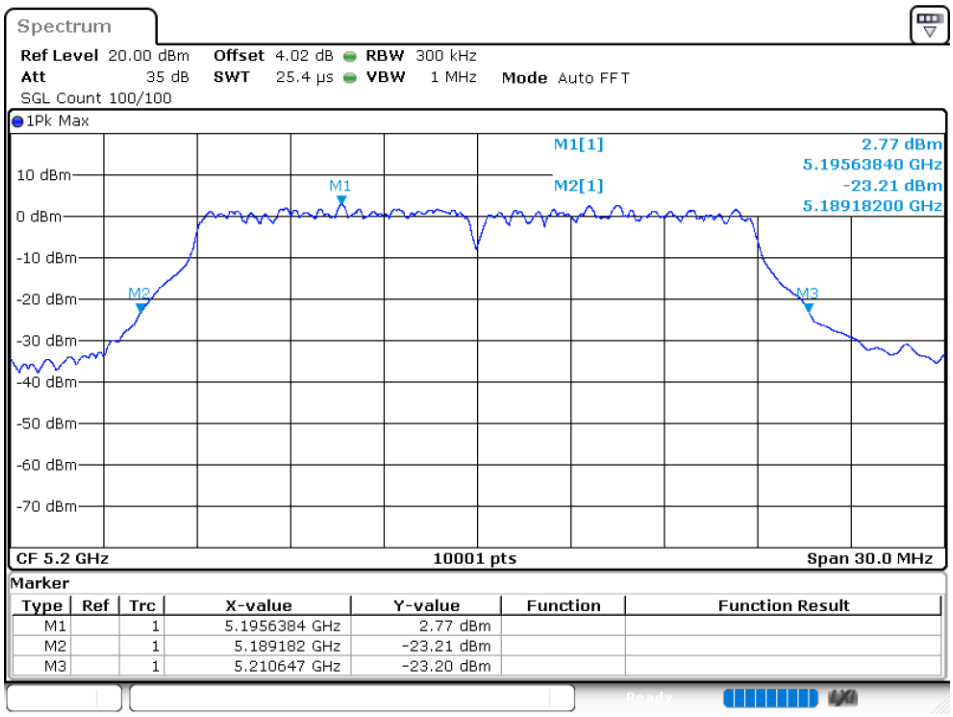
-26dB Bandwidth NVNT a 5240MHz Ant2



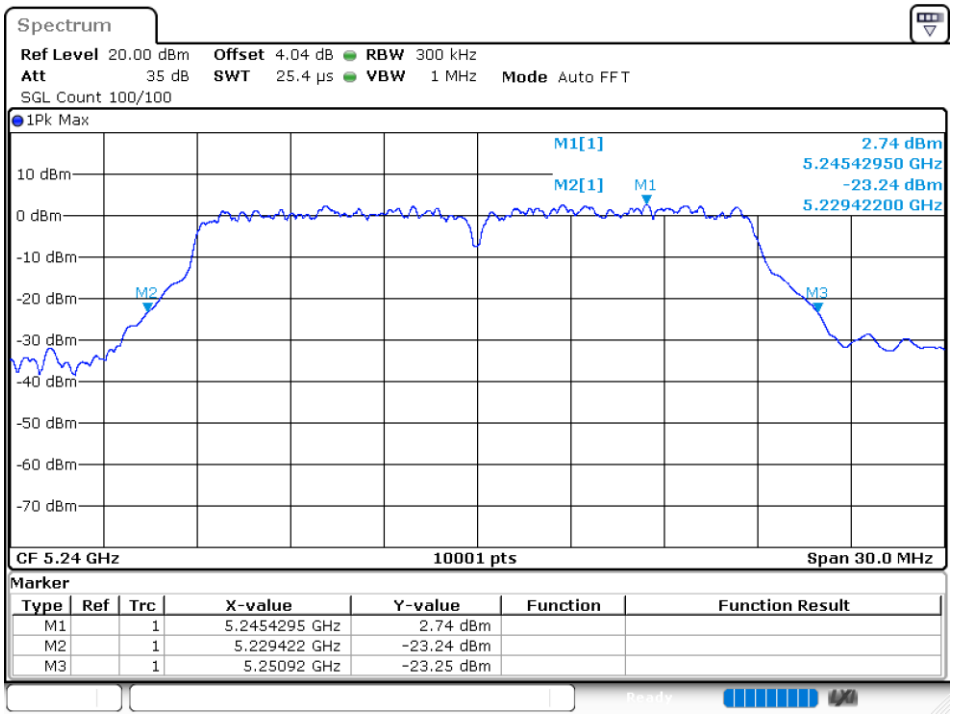
-26dB Bandwidth NVNT n20 5180MHz Ant1



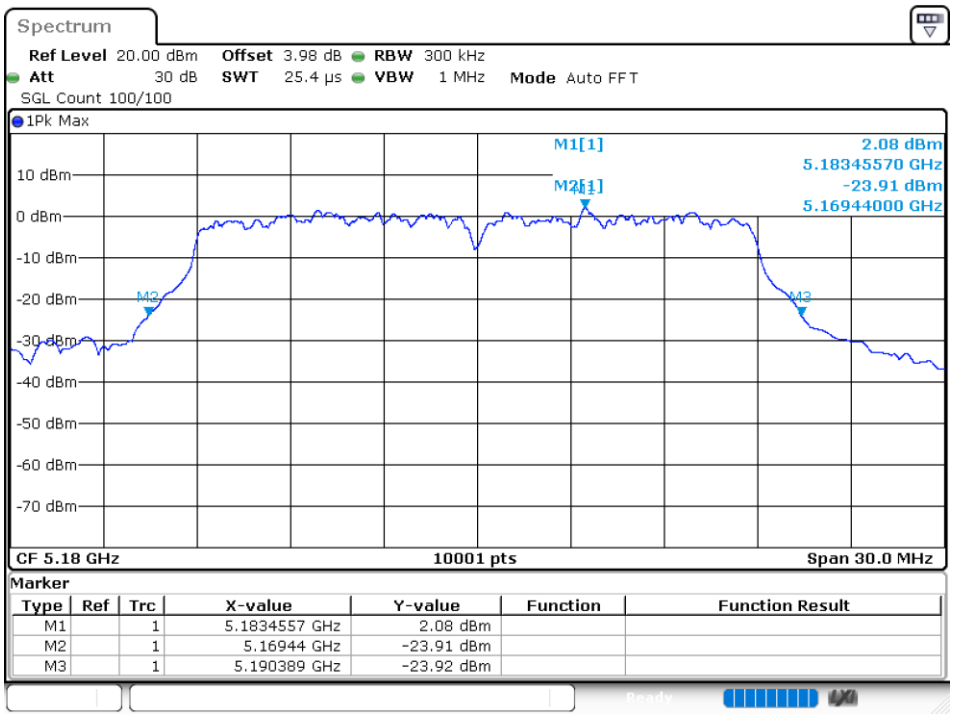
-26dB Bandwidth NVNT n20 5200MHz Ant1



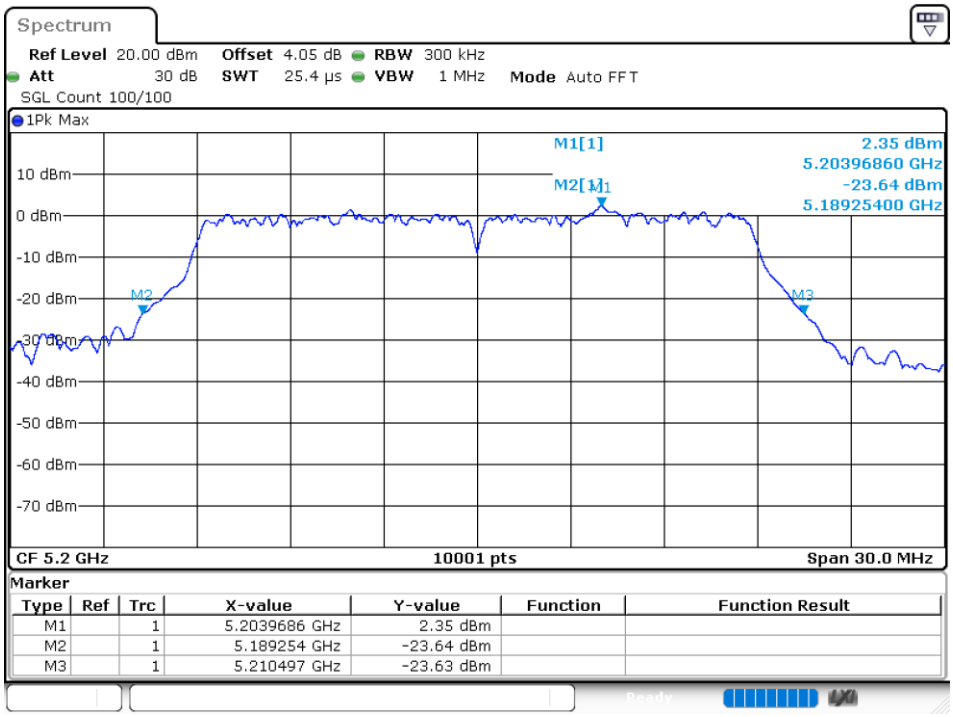
-26dB Bandwidth NVNT n20 5240MHz Ant1



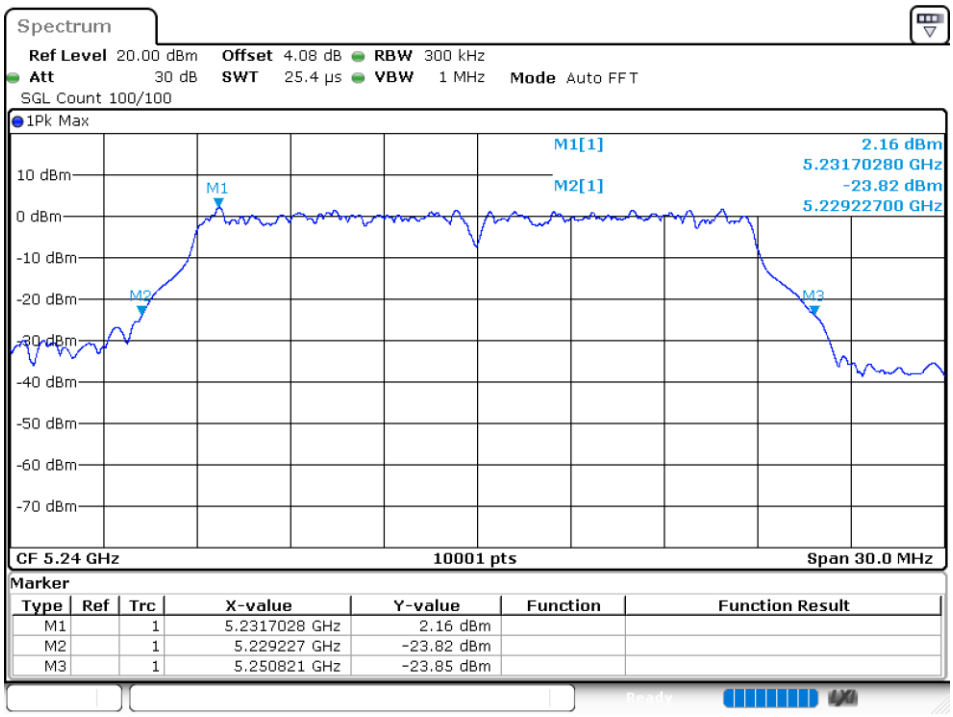
-26dB Bandwidth NVNT n20 5180MHz Ant2



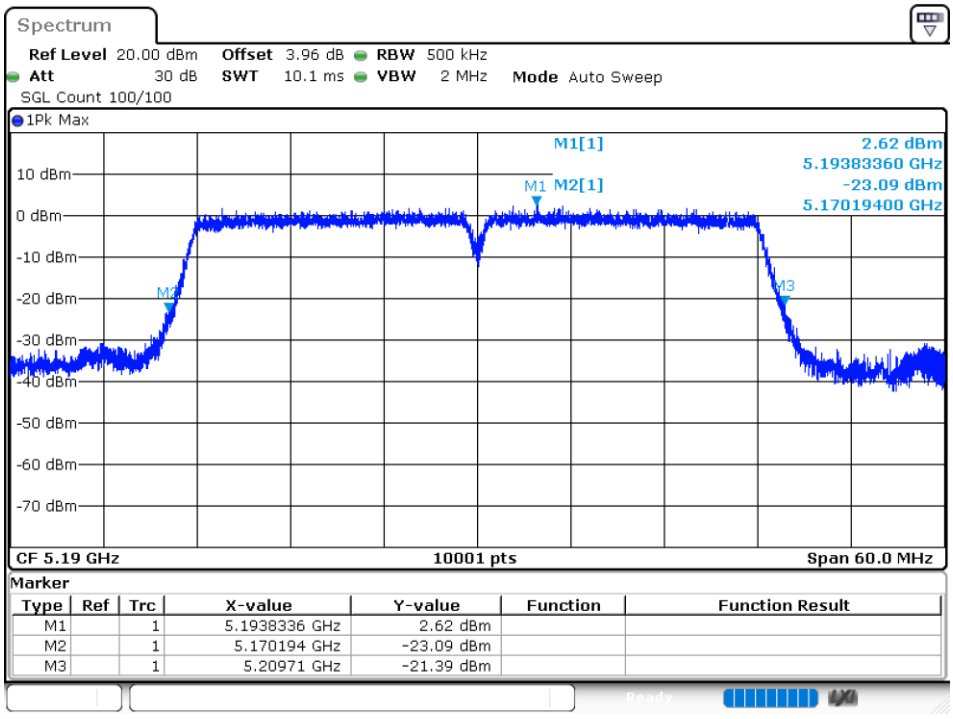
-26dB Bandwidth NVNT n20 5200MHz Ant2



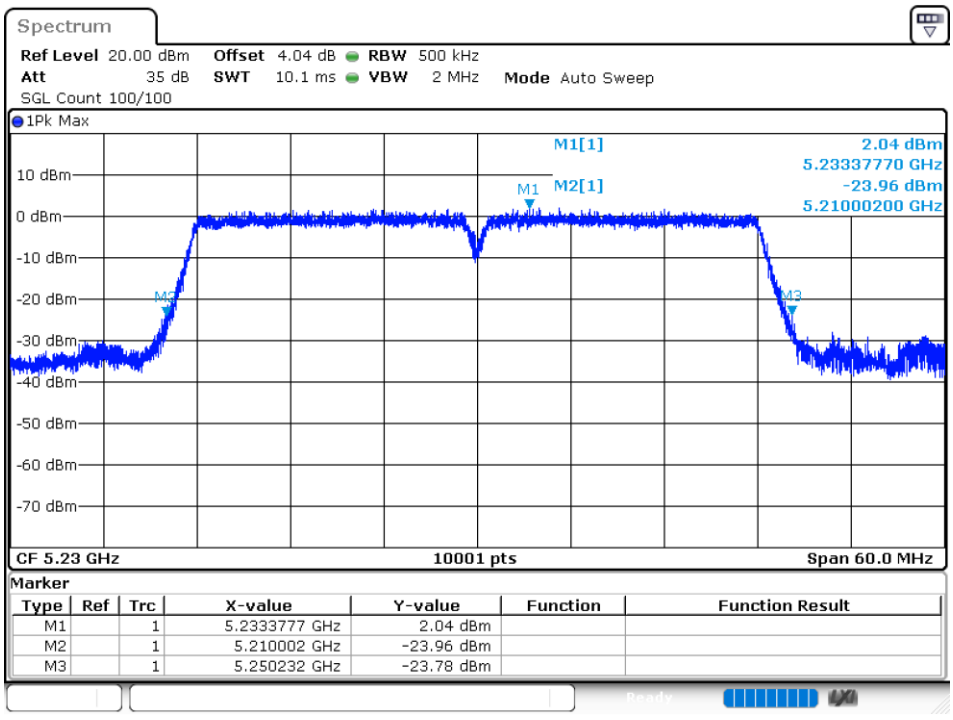
-26dB Bandwidth NVNT n20 5240MHz Ant2



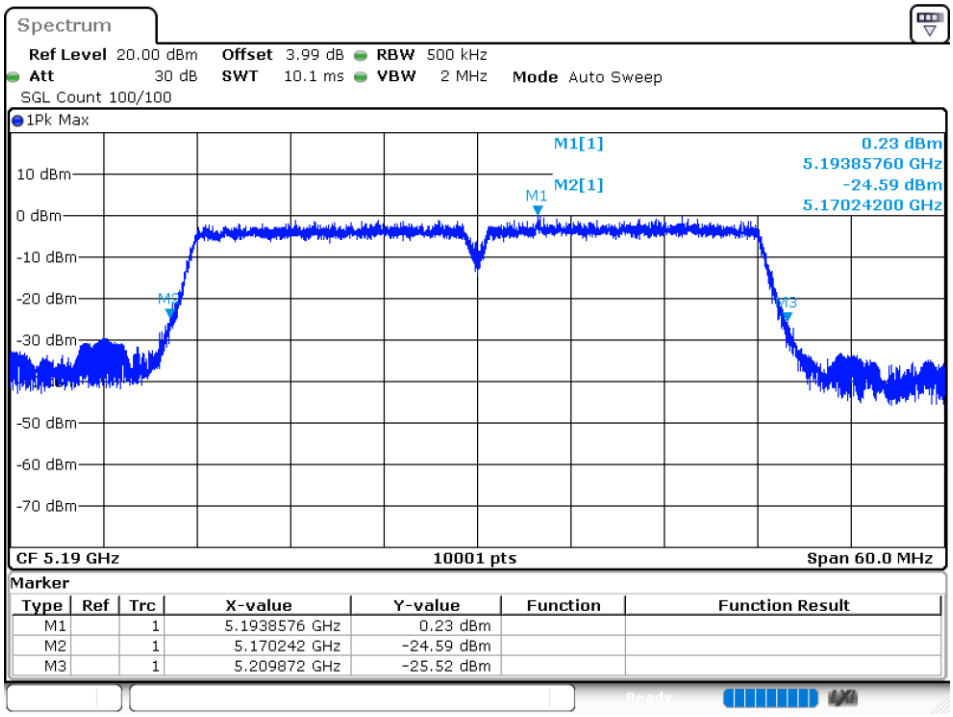
-26dB Bandwidth NVNT n40 5190MHz Ant1



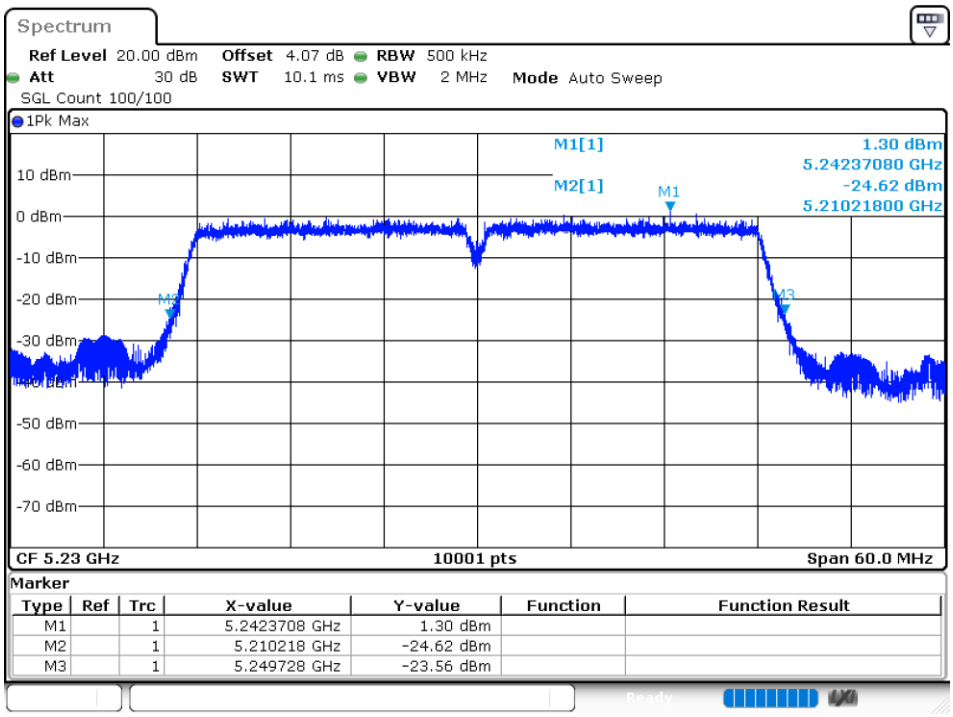
-26dB Bandwidth NVNT n40 5230MHz Ant1



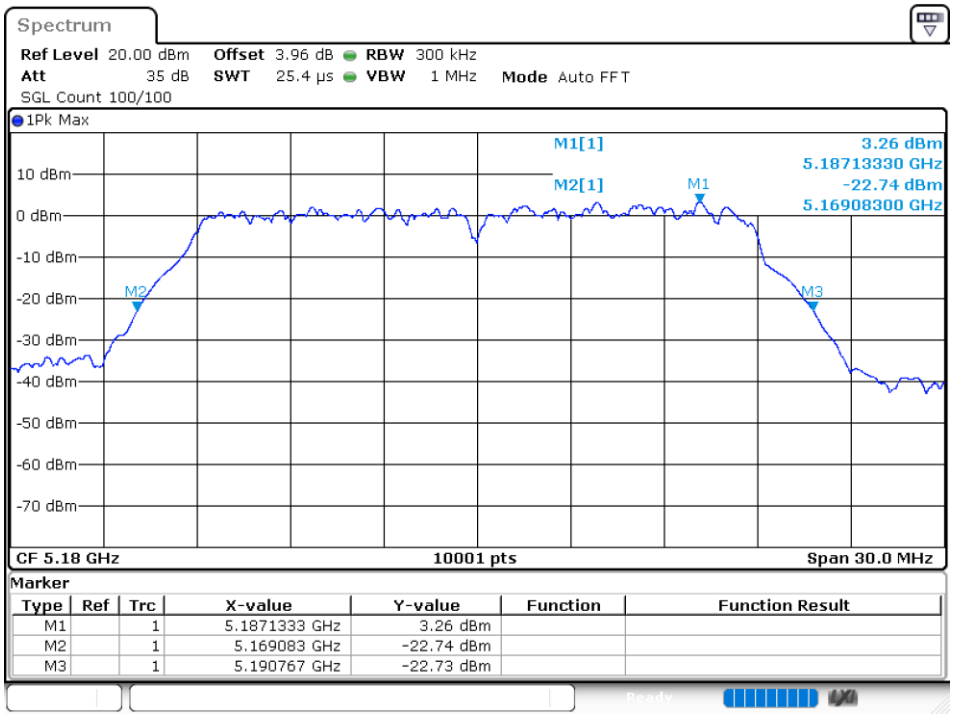
-26dB Bandwidth NVNT n40 5190MHz Ant2



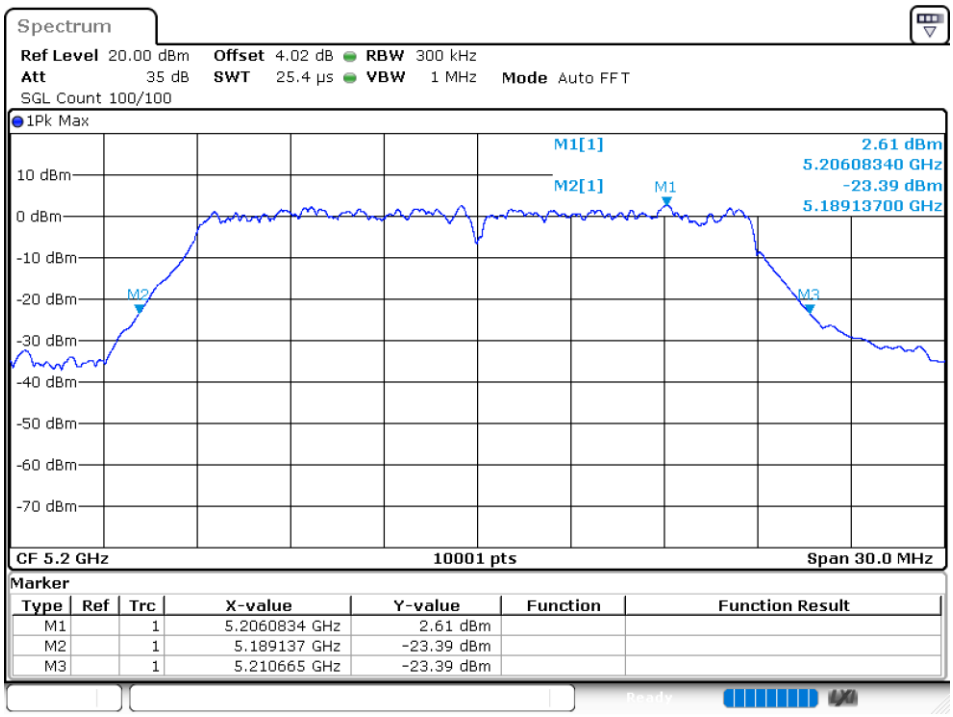
-26dB Bandwidth NVNT n40 5230MHz Ant2



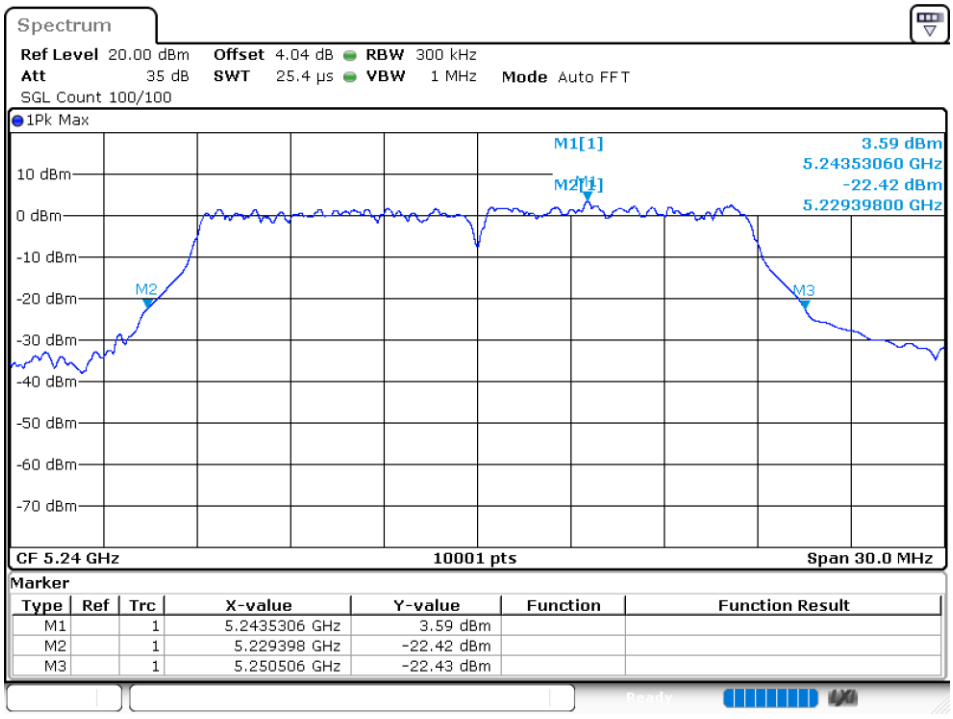
-26dB Bandwidth NVNT ac20 5180MHz Ant1



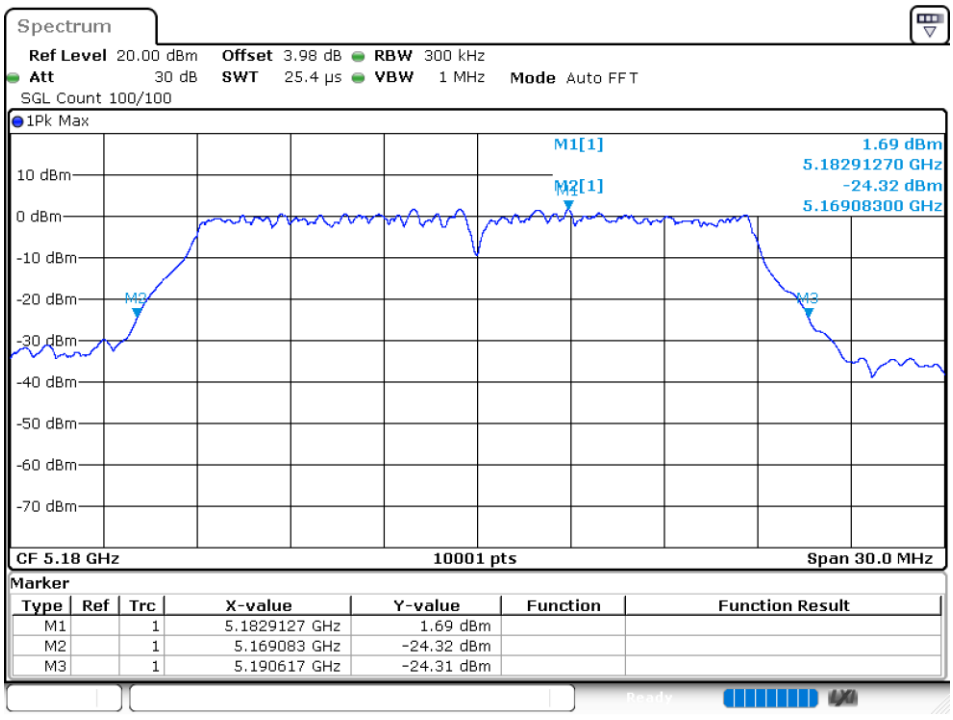
-26dB Bandwidth NVNT ac20 5200MHz Ant1



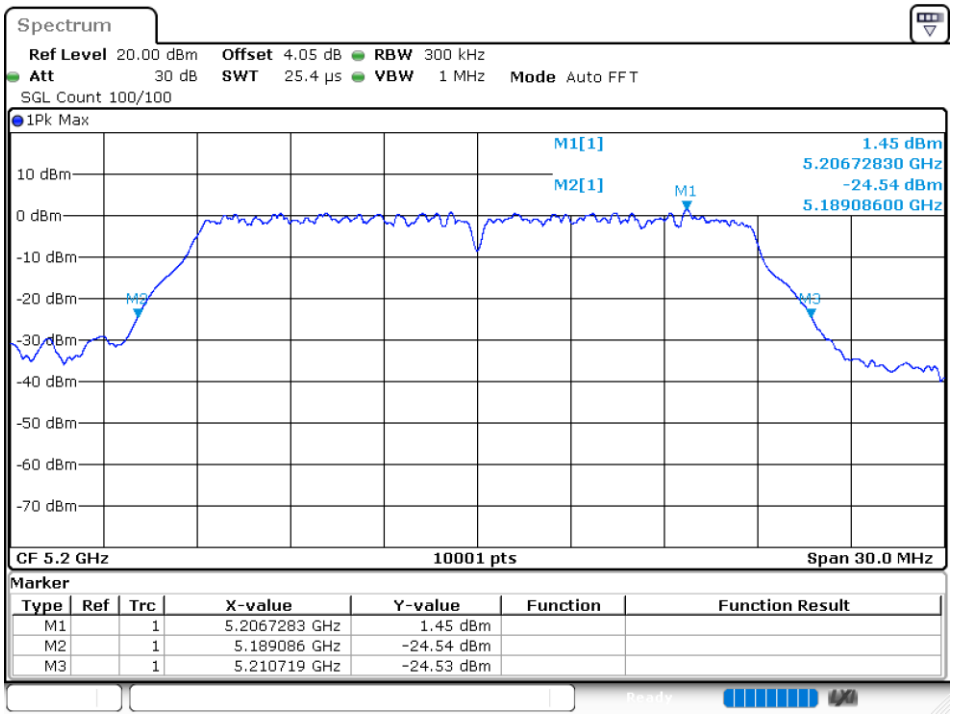
-26dB Bandwidth NVNT ac20 5240MHz Ant1



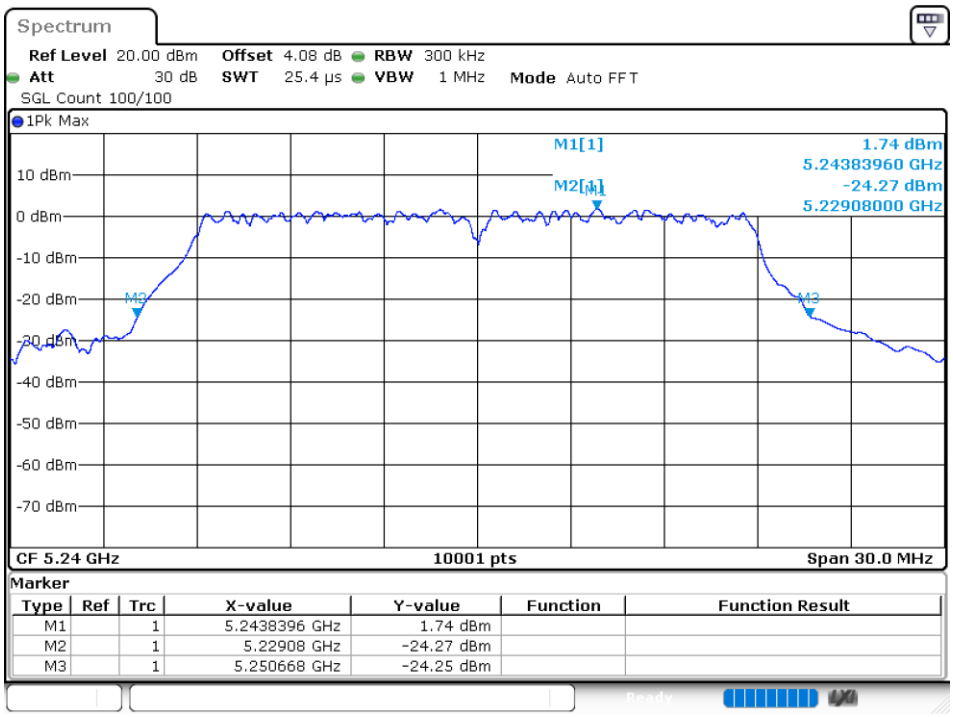
-26dB Bandwidth NVNT ac20 5180MHz Ant2



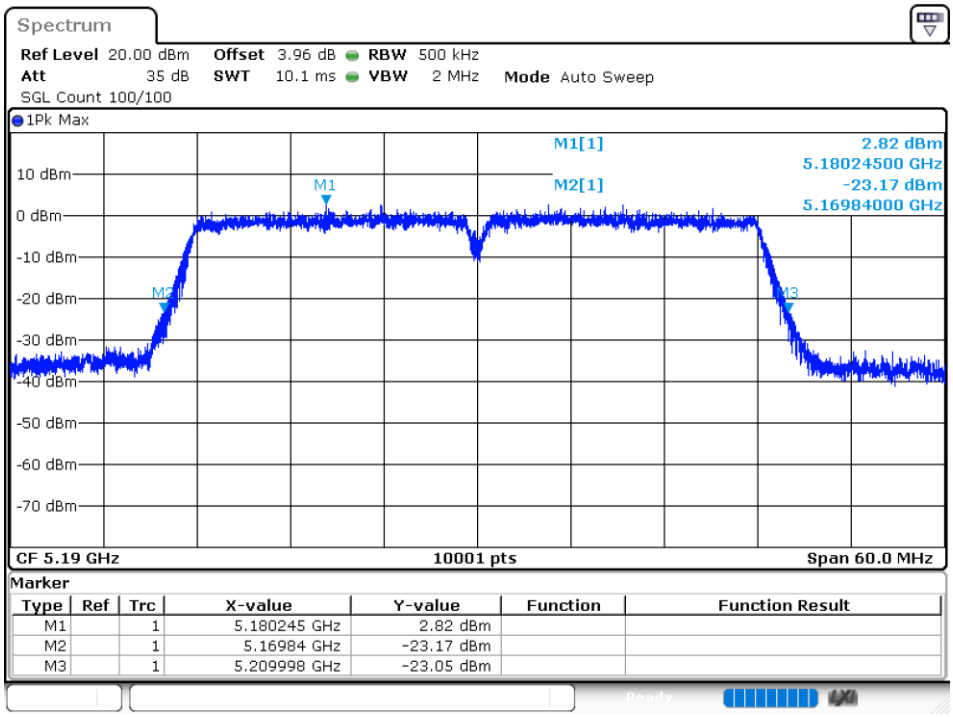
-26dB Bandwidth NVNT ac20 5200MHz Ant2



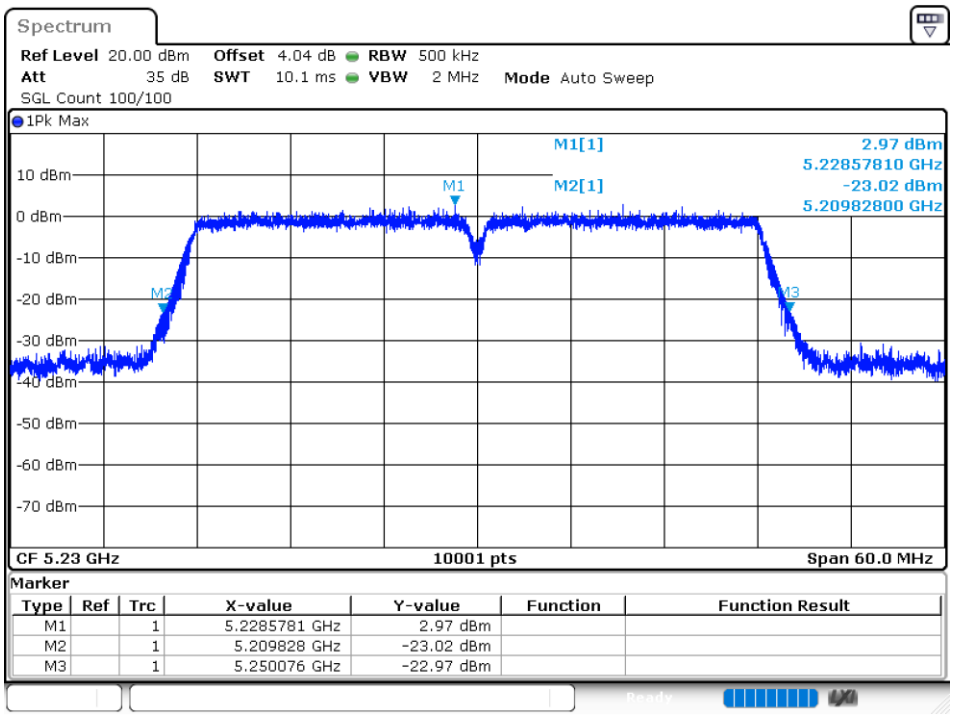
-26dB Bandwidth NVNT ac20 5240MHz Ant2



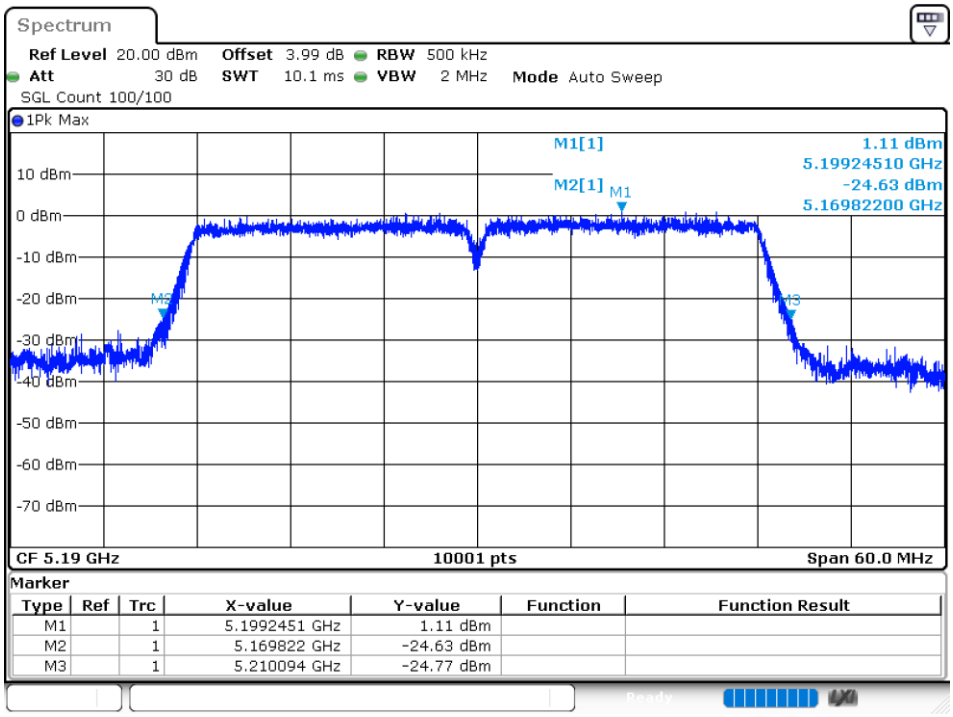
-26dB Bandwidth NVNT ac40 5190MHz Ant1



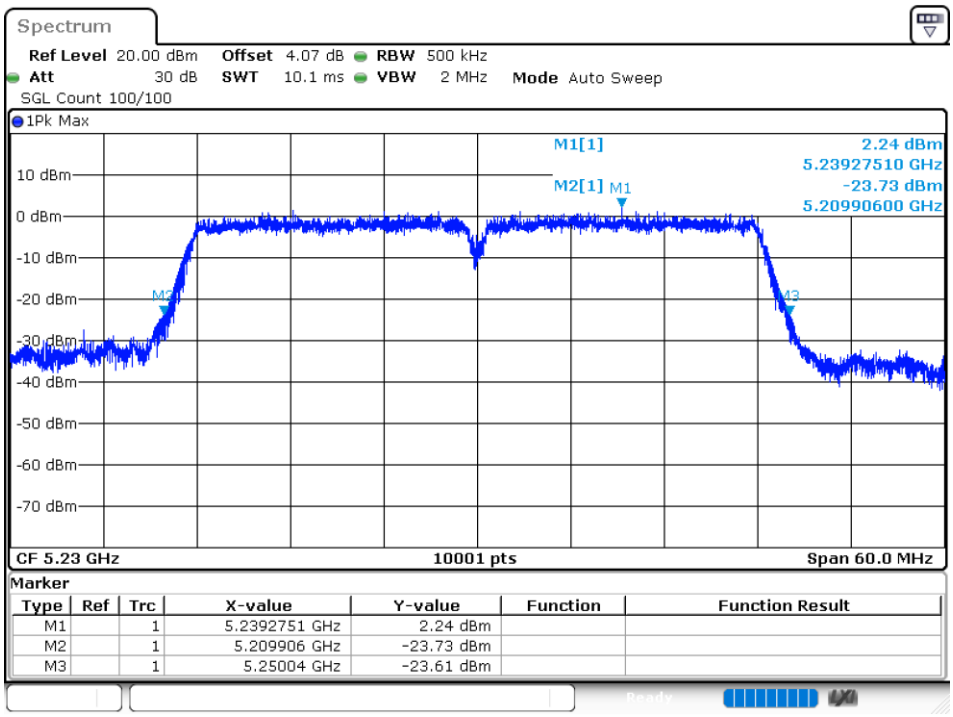
-26dB Bandwidth NVNT ac40 5230MHz Ant1



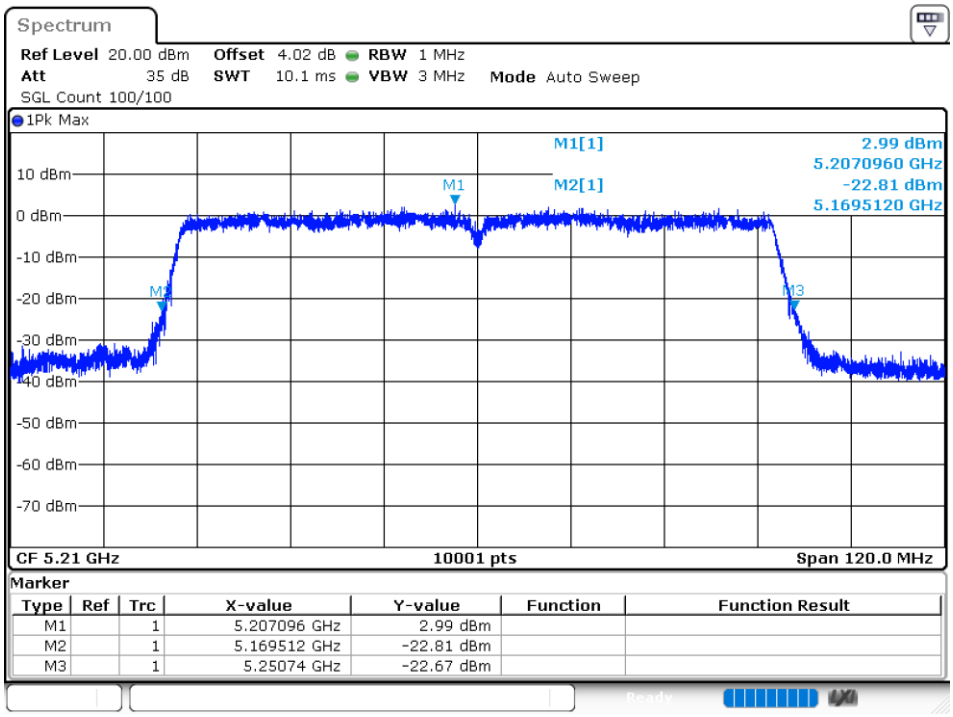
-26dB Bandwidth NVNT ac40 5190MHz Ant2



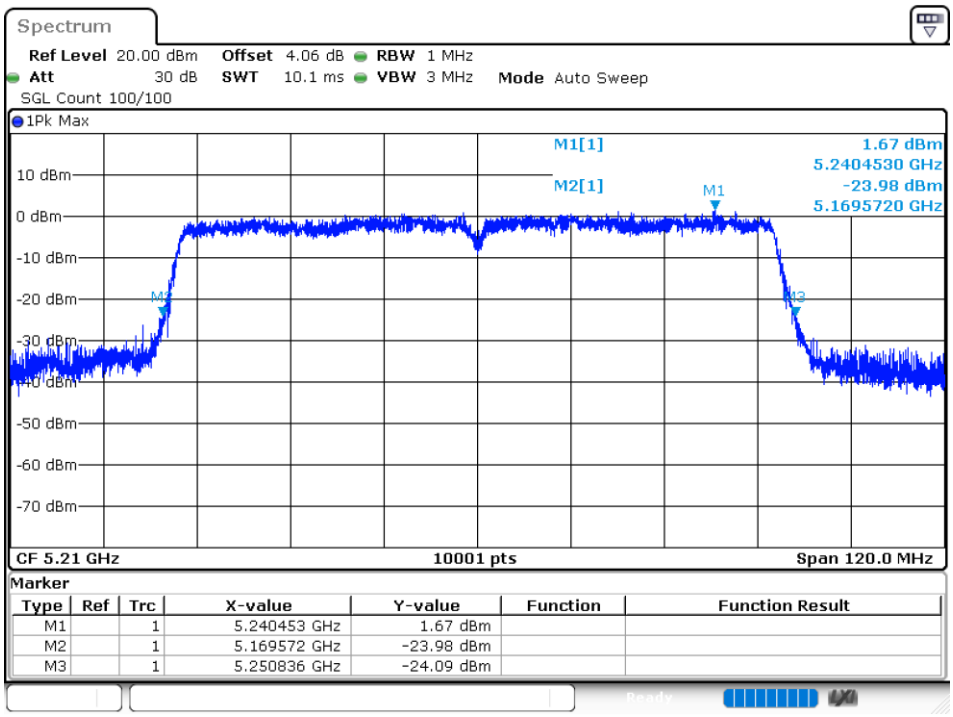
-26dB Bandwidth NVNT ac40 5230MHz Ant2



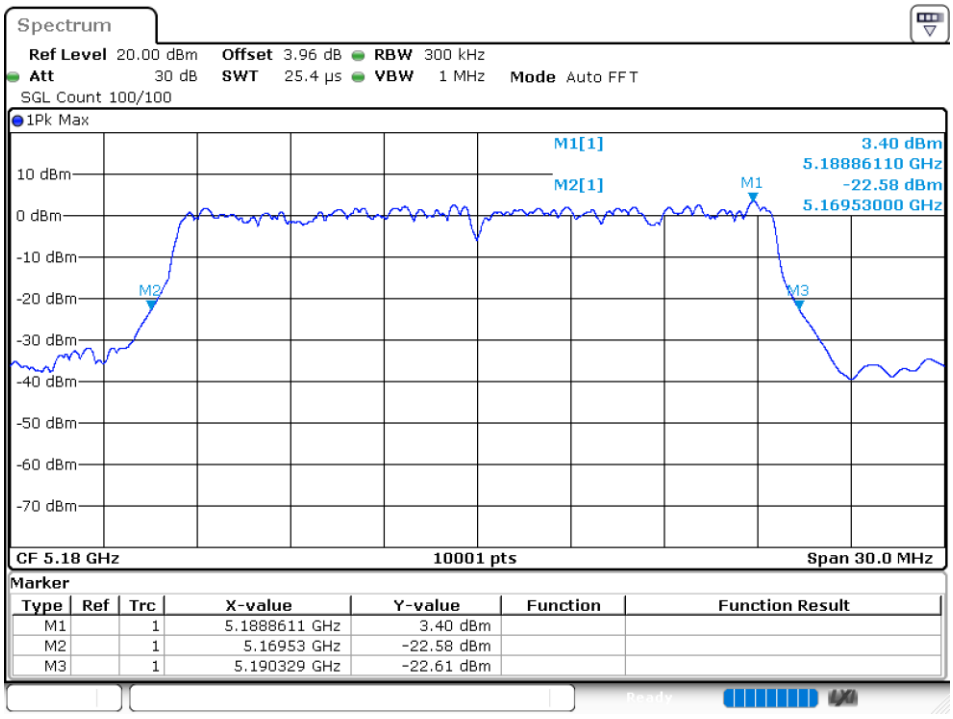
-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2



-26dB Bandwidth NVNT ax20 5180MHz Ant1



-26dB Bandwidth NVNT ax20 5200MHz Ant1