5.2G:

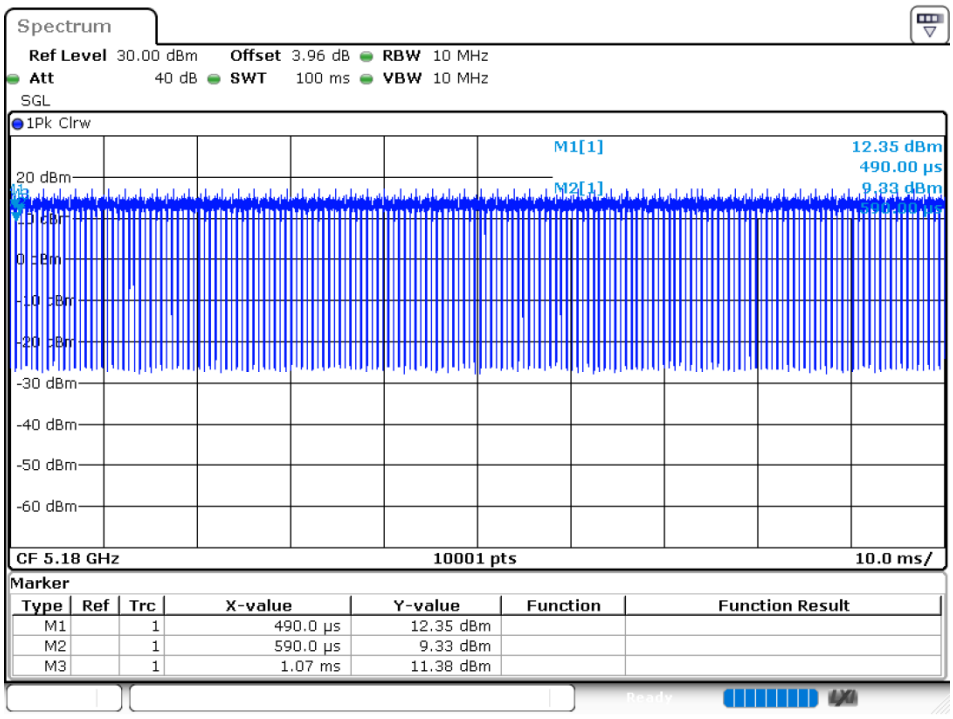
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	84.74	0.72	2.08
NVNT	a	5200	Ant1	84.7	0.72	2.08
NVNT	a	5240	Ant1	84.44	0.73	2.08
NVNT	a	5180	Ant2	93.79	0.28	4
NVNT	a	5200	Ant2	93.77	0.28	4
NVNT	a	5240	Ant2	93.76	0.28	4
NVNT	n20	5180	Ant1	80.47	0.94	2.86
NVNT	n20	5200	Ant1	80.49	0.94	2.86
NVNT	n20	5240	Ant1	80.47	0.94	2.78
NVNT	n20	5180	Ant2	99.09	0.04	0.52
NVNT	n20	5200	Ant2	99.09	0.04	0.52
NVNT	n20	5240	Ant2	99.12	0.04	0.52
NVNT	n40	5190	Ant1	55.27	2.57	10
NVNT	n40	5230	Ant1	55.17	2.58	10
NVNT	n40	5190	Ant2	88.97	0.51	7.69
NVNT	n40	5230	Ant2	89.01	0.51	7.69
NVNT	ac20	5180	Ant1	91.79	0.37	5
NVNT	ac20	5200	Ant1	91.76	0.37	5
NVNT	ac20	5240	Ant1	91.73	0.37	5
NVNT	ac20	5180	Ant2	92.33	0.35	5
NVNT	ac20	5200	Ant2	92.32	0.35	4.76
NVNT	ac20	5240	Ant2	92.35	0.35	5
NVNT	ac40	5190	Ant1	94.75	0.23	6.25
NVNT	ac40	5230	Ant1	94.8	0.23	6.67
NVNT	ac40	5190	Ant2	95.74	0.19	3.03
NVNT	ac40	5230	Ant2	95.71	0.19	6.67
NVNT	ac80	5210	Ant1	45.77	3.39	10
NVNT	ac80	5210	Ant2	46.61	3.32	9.09
NVNT	ax20	5180	Ant1	90.03	0.46	6.67
NVNT	ax20	5200	Ant1	89.95	0.46	6.67
NVNT	ax20	5240	Ant1	89.97	0.46	6.67
NVNT	ax20	5180	Ant2	90.27	0.44	6.67
NVNT	ax20	5200	Ant2	90.36	0.44	6.67

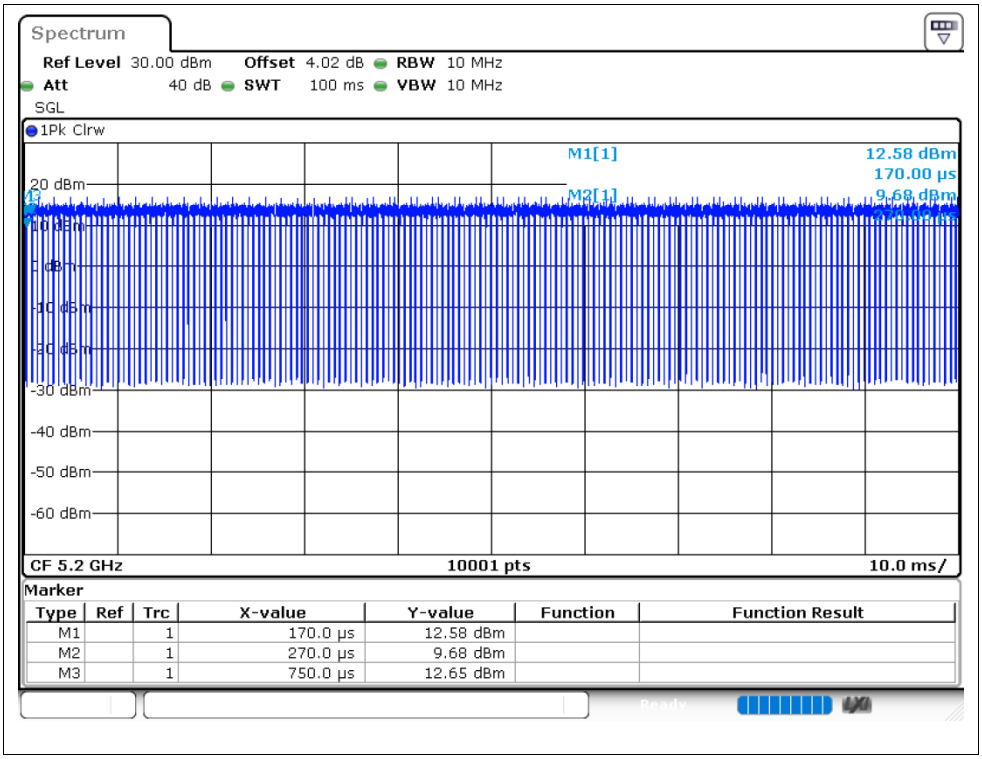
NVNT	ax20	5240	Ant2	90.33	0.44	6.67
NVNT	ax40	5190	Ant1	86.9	0.61	10
NVNT	ax40	5230	Ant1	87.07	0.6	10
NVNT	ax40	5190	Ant2	87.21	0.59	9.09
NVNT	ax40	5230	Ant2	86.86	0.61	10
NVNT	ax80	5210	Ant1	84.34	0.74	11.11
NVNT	ax80	5210	Ant2	84.27	0.74	12.5

Test Graphs

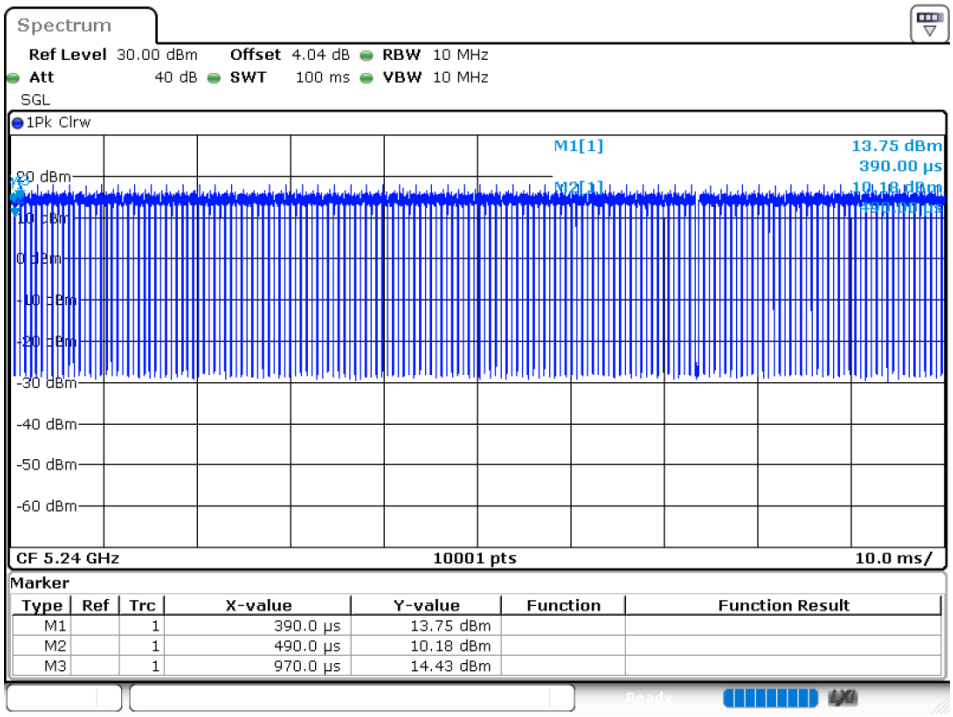
Duty Cycle NVNT a 5180MHz Ant1



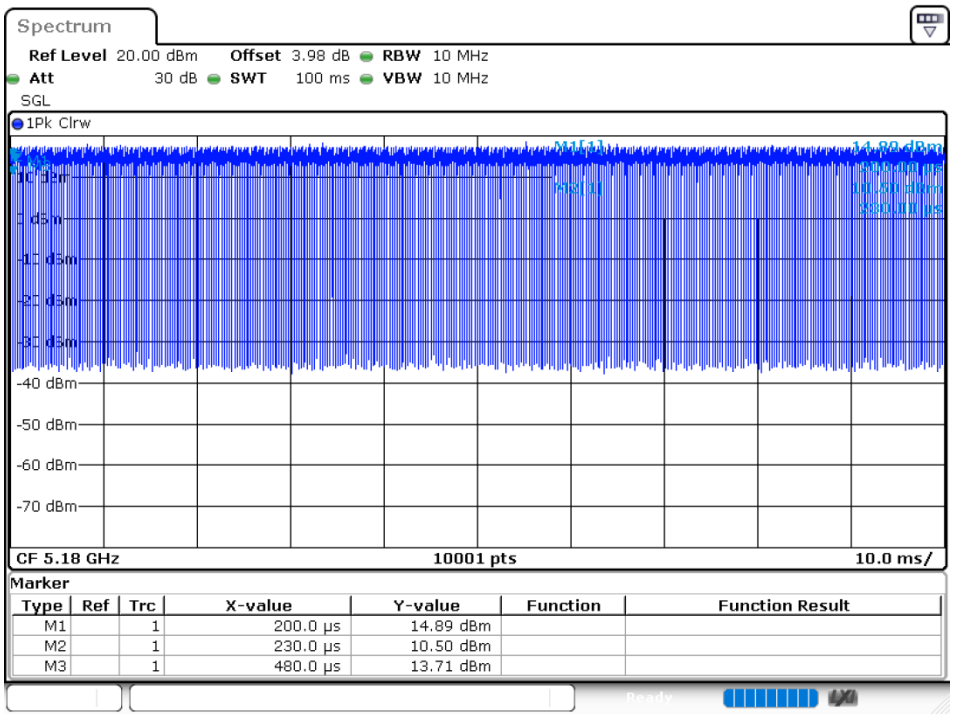
Duty Cycle NVNT a 5200MHz Ant1


Spectrum
Ref Level 30.00 dBm Offset 4.02 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL
1Pk Clrw
M1[1] 12.58 dBm
170.00 µs
M2[1] 9.68 dBm
270.00 µs
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 5.2 GHz
10001 pts
10.0 ms/
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 170.0 µs 12.58 dBm
M2 1 270.0 µs 9.68 dBm
M3 1 750.0 µs 12.65 dBm

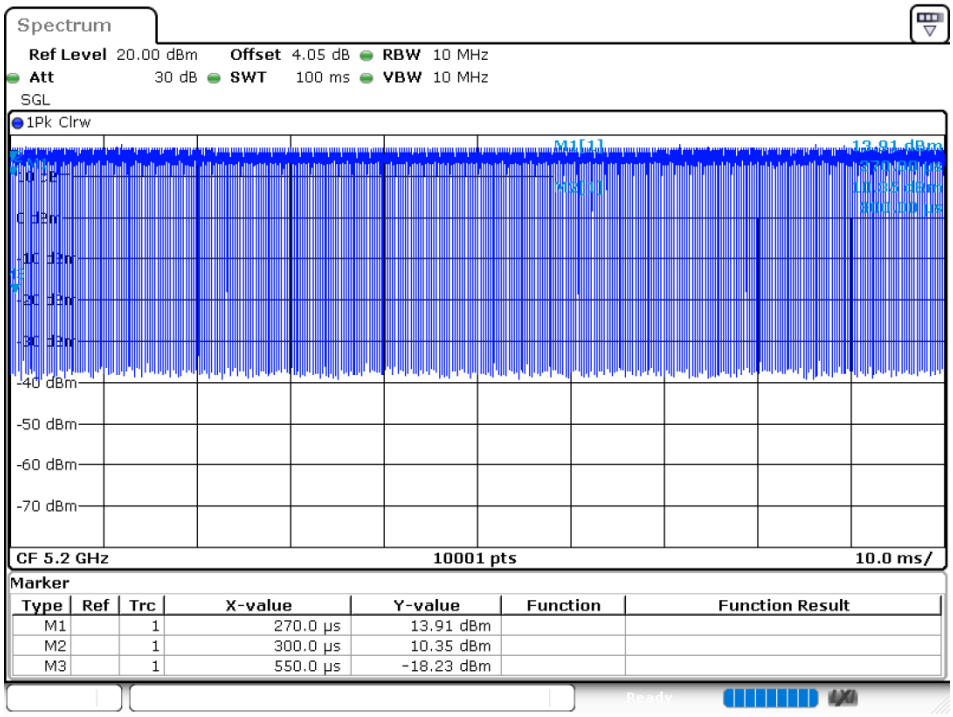
Duty Cycle NVNT a 5240MHz Ant1



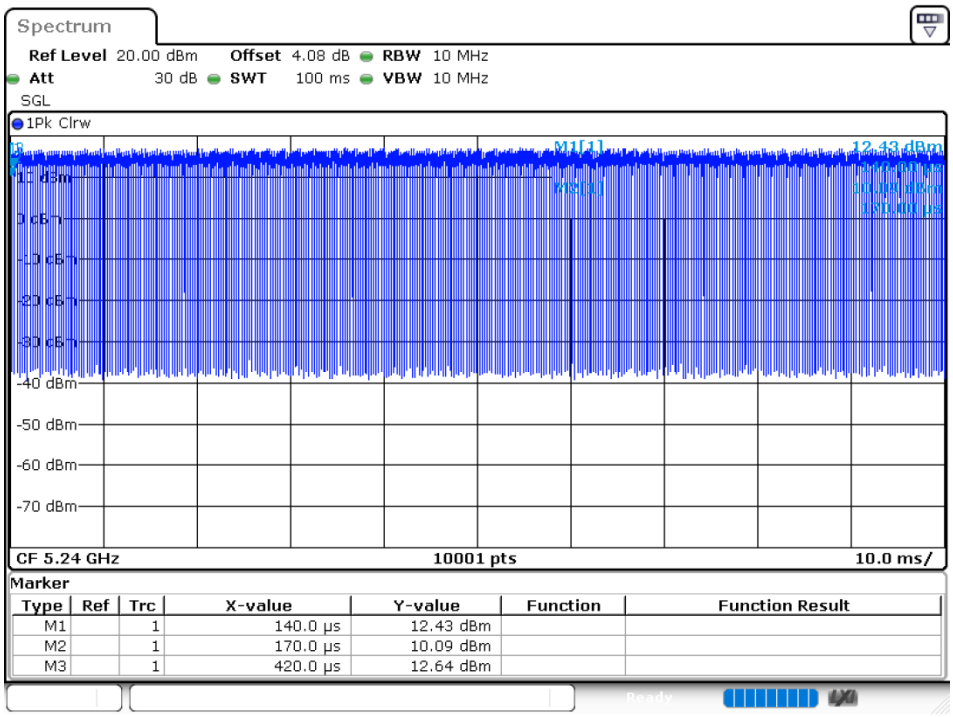
Duty Cycle NVNT a 5180MHz Ant2



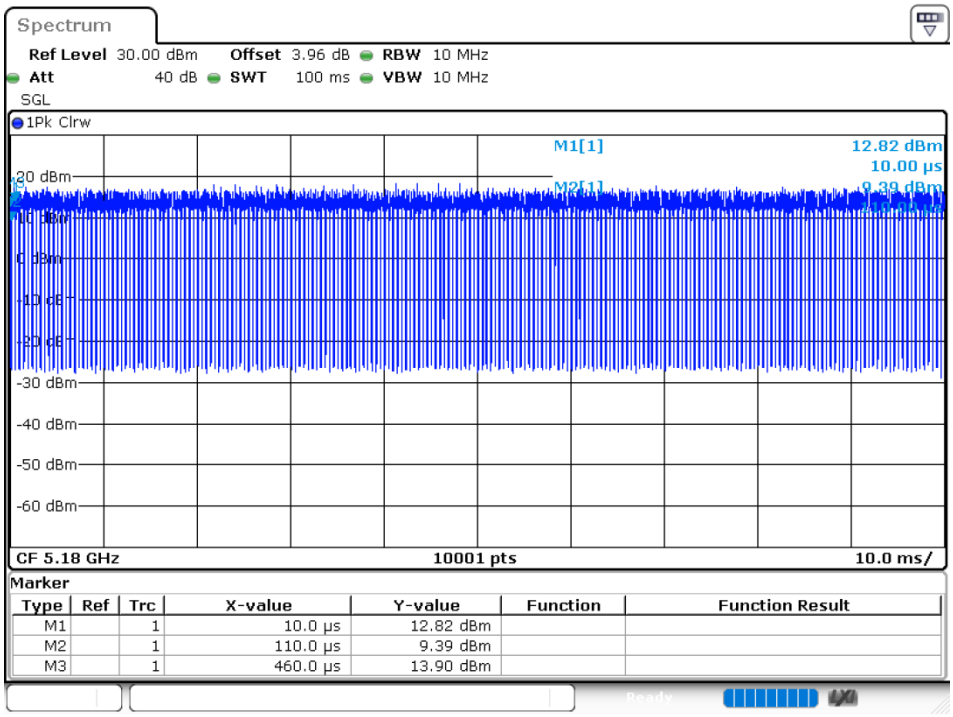
Duty Cycle NVNT a 5200MHz Ant2



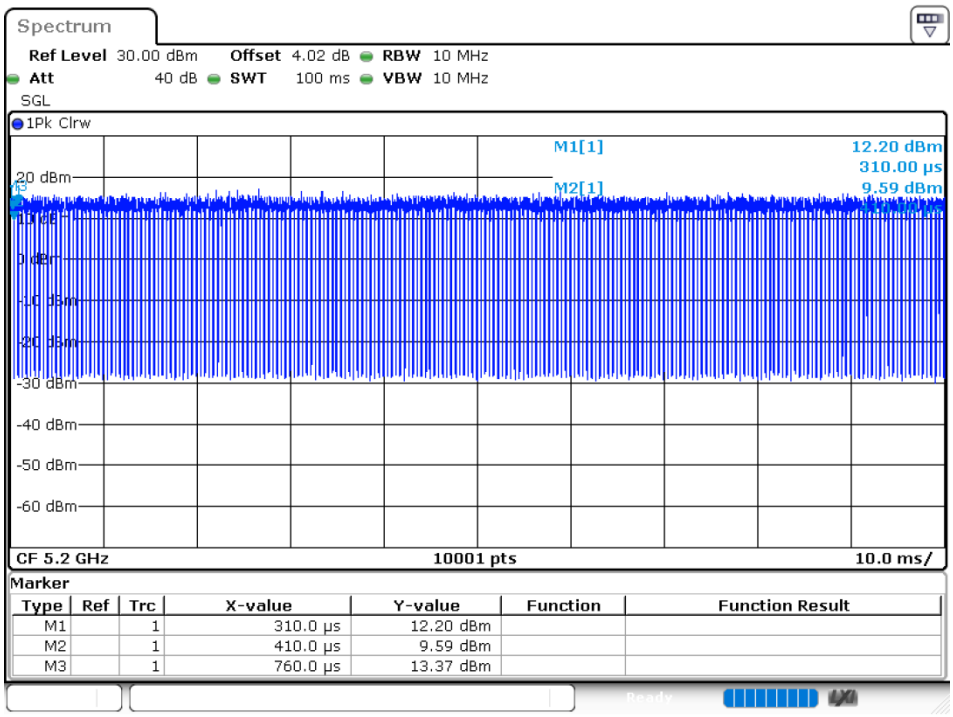
Duty Cycle NVNT a 5240MHz Ant2



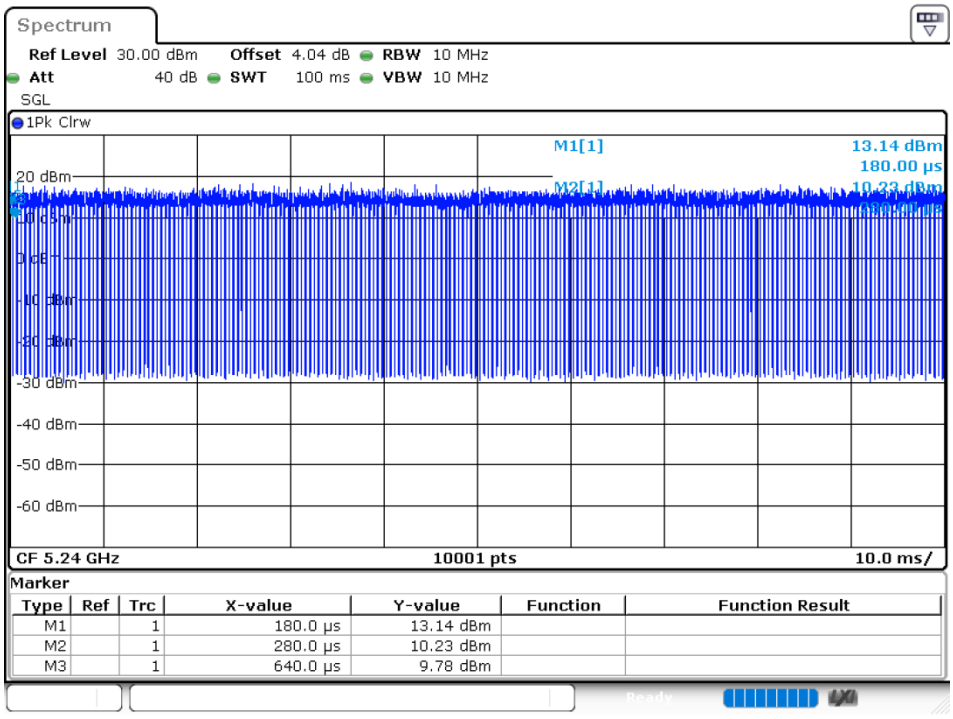
Duty Cycle NVNT n20 5180MHz Ant1



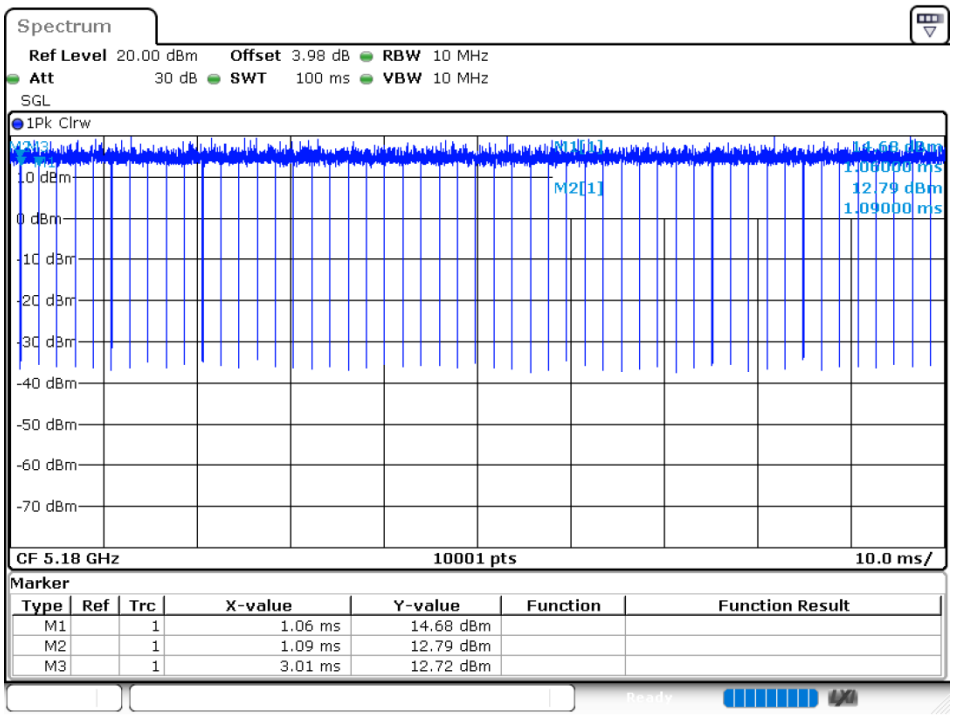
Duty Cycle NVNT n20 5200MHz Ant1



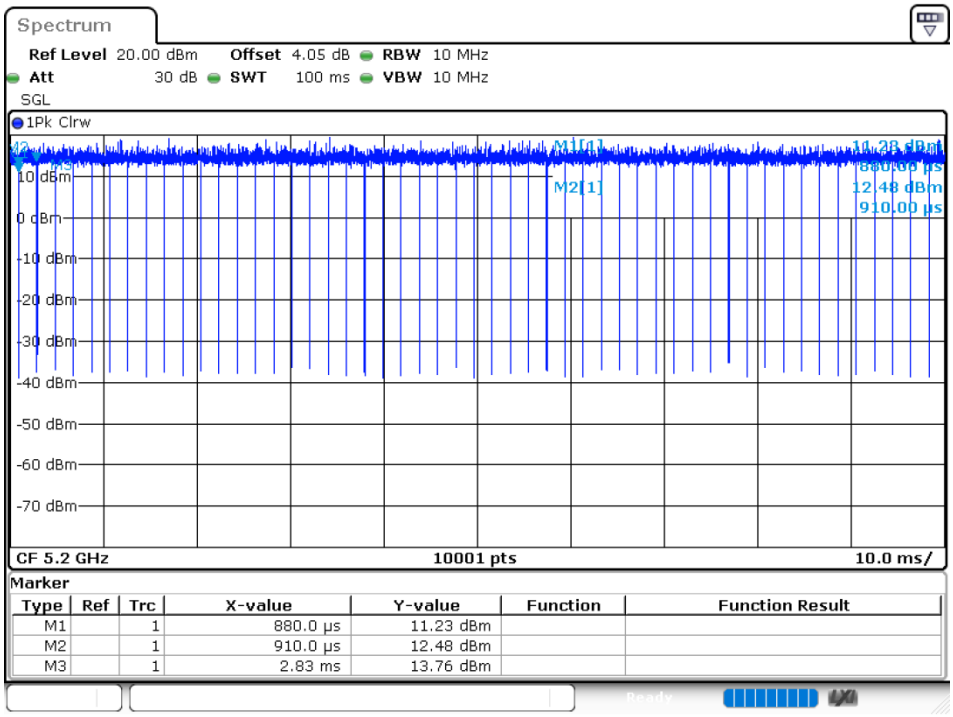
Duty Cycle NVNT n20 5240MHz Ant1



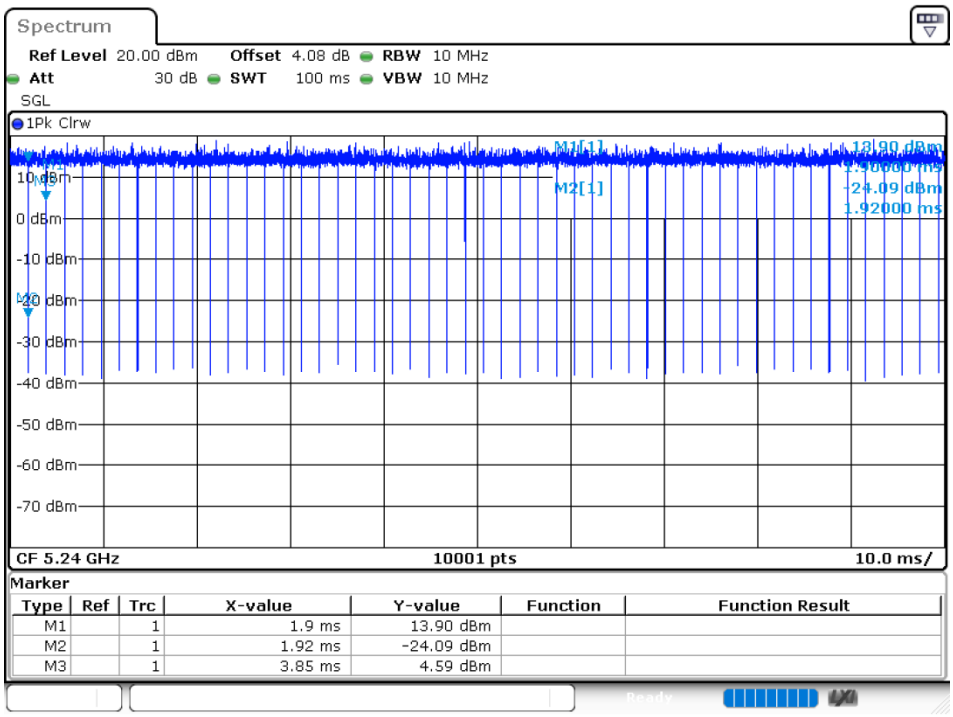
Duty Cycle NVNT n20 5180MHz Ant2



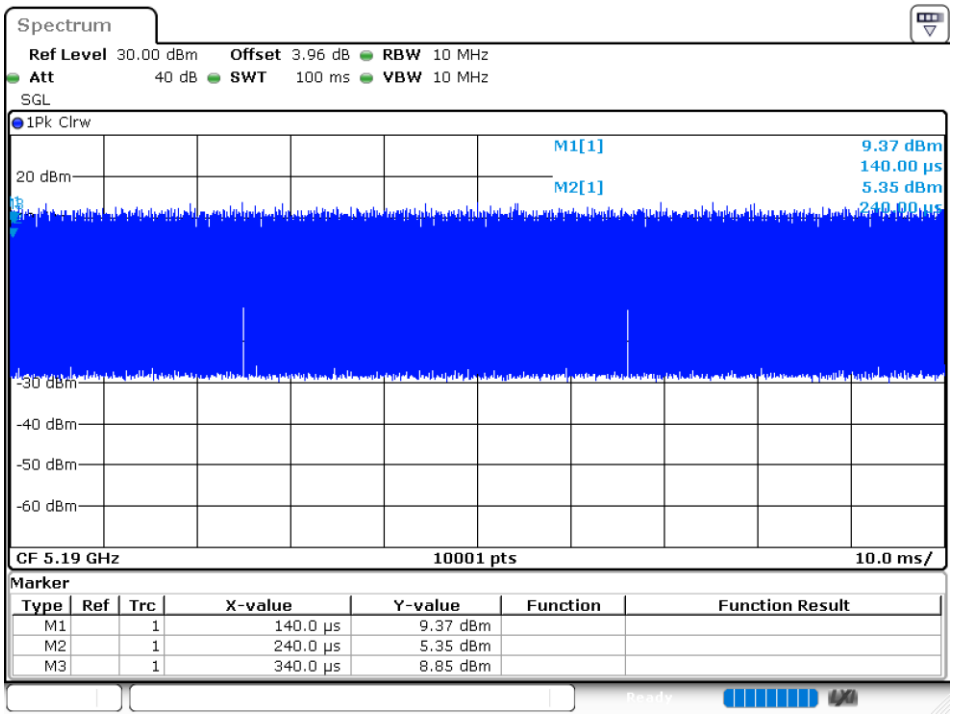
Duty Cycle NVNT n20 5200MHz Ant2



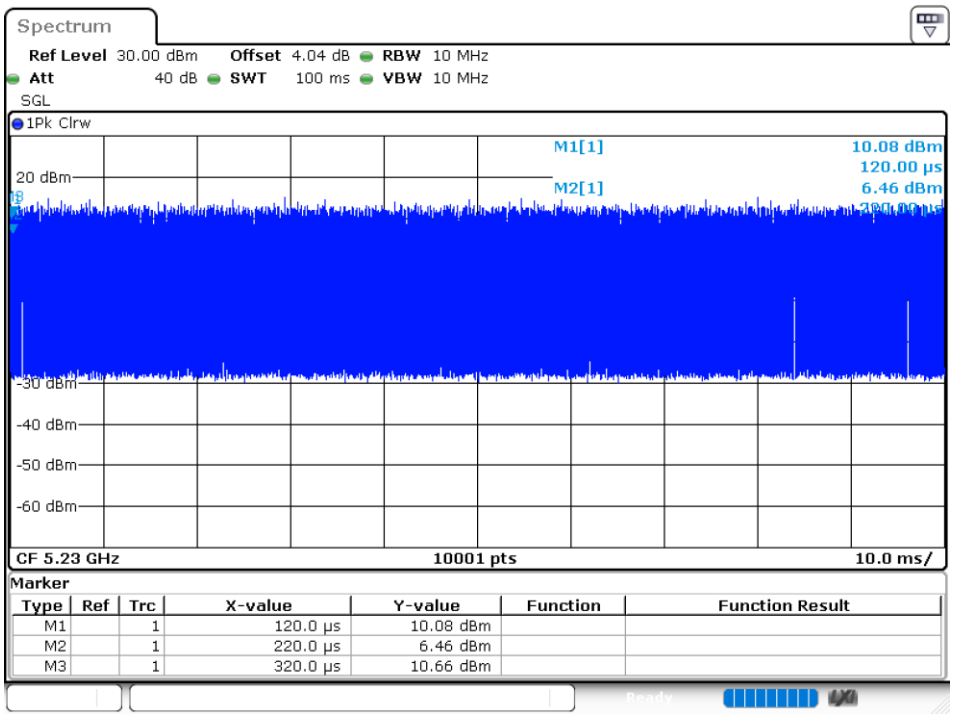
Duty Cycle NVNT n20 5240MHz Ant2



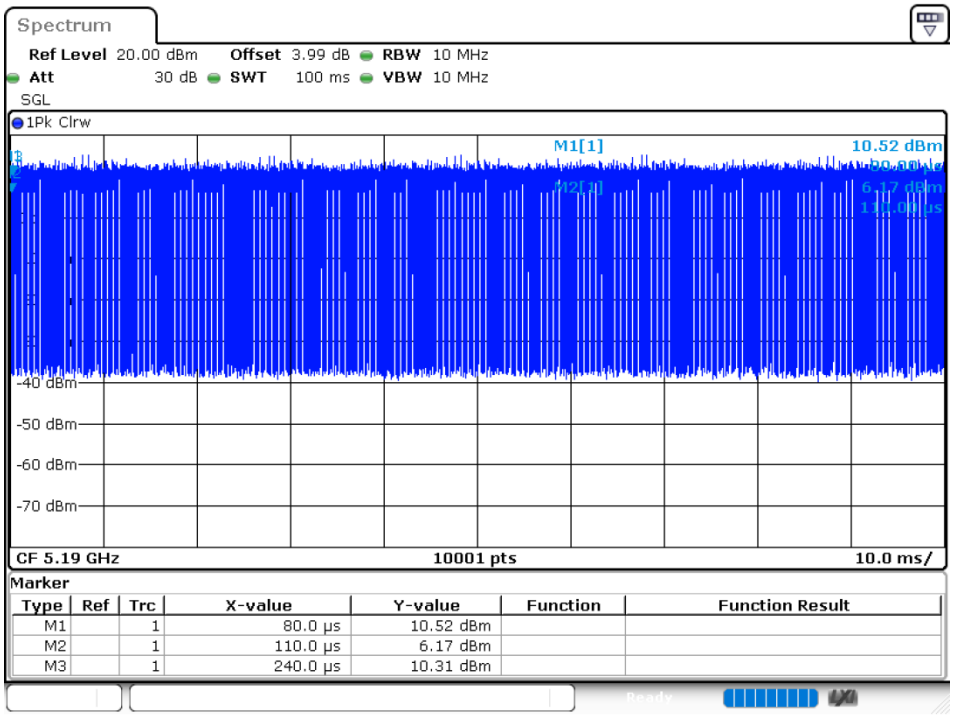
Duty Cycle NVNT n40 5190MHz Ant1



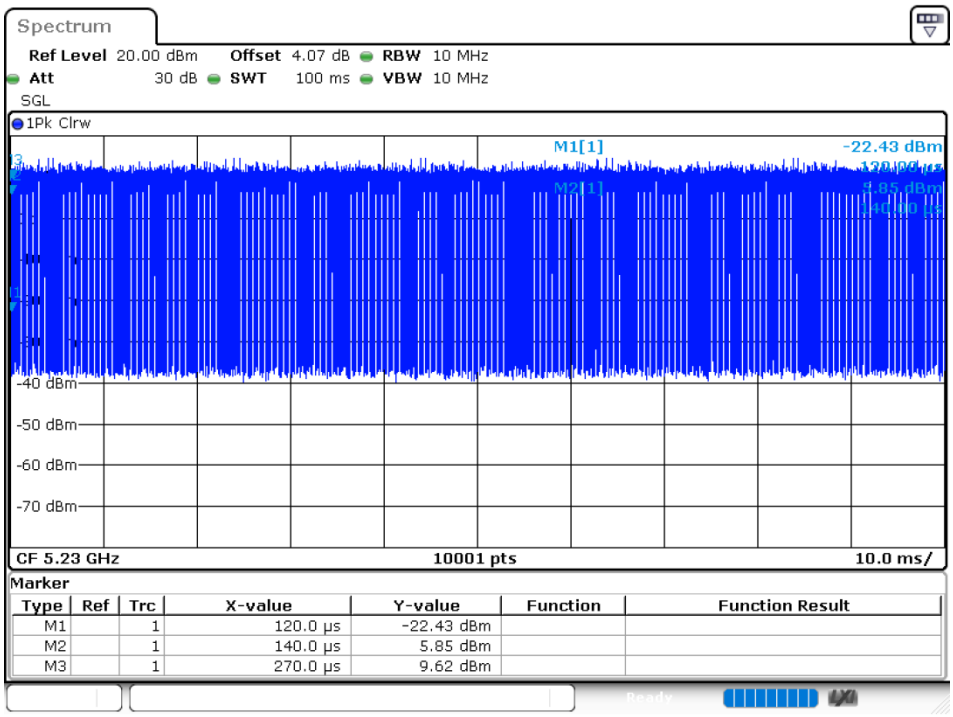
Duty Cycle NVNT n40 5230MHz Ant1



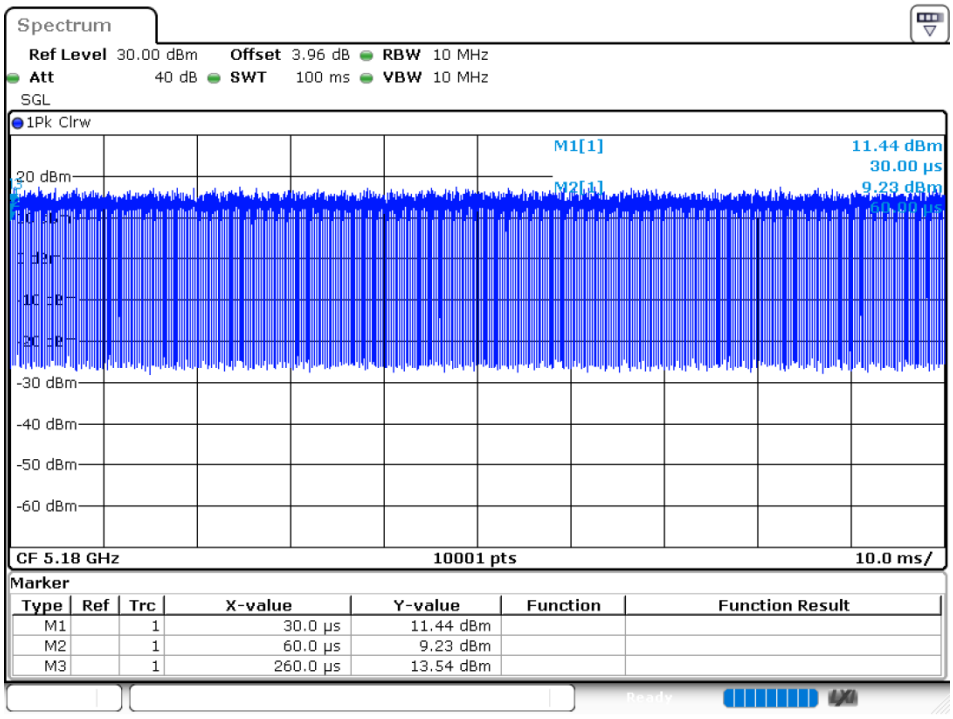
Duty Cycle NVNT n40 5190MHz Ant2



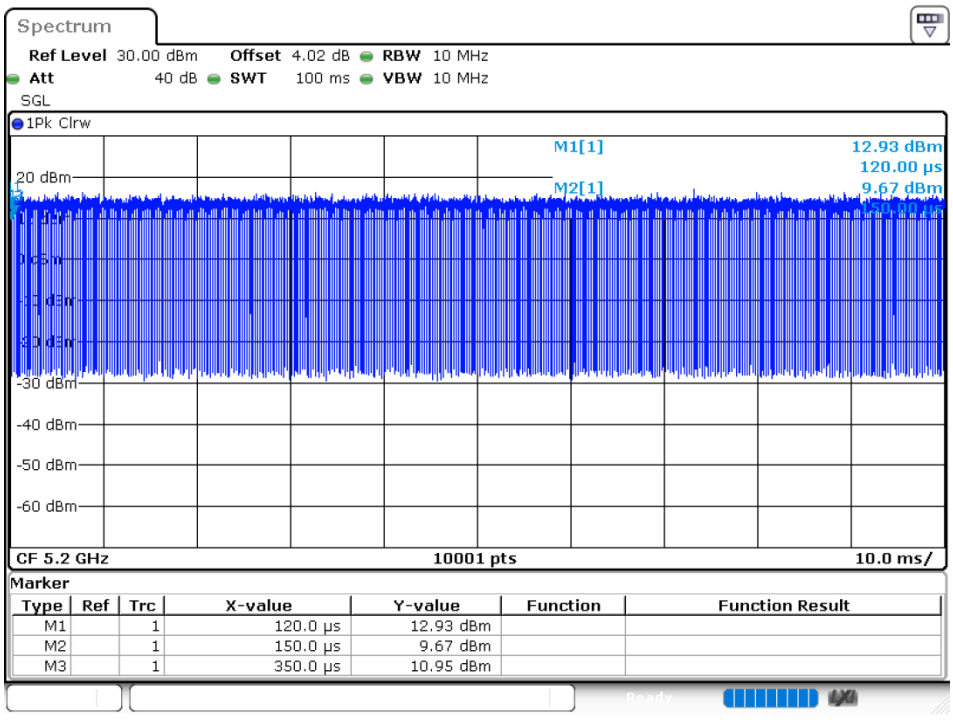
Duty Cycle NVNT n40 5230MHz Ant2



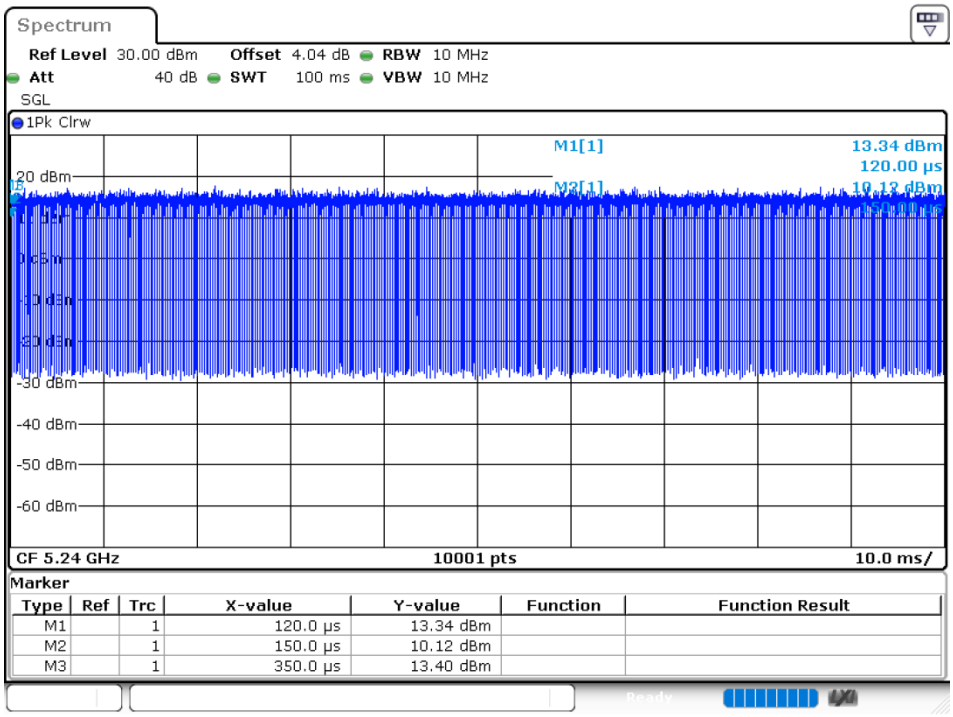
Duty Cycle NVNT ac20 5180MHz Ant1



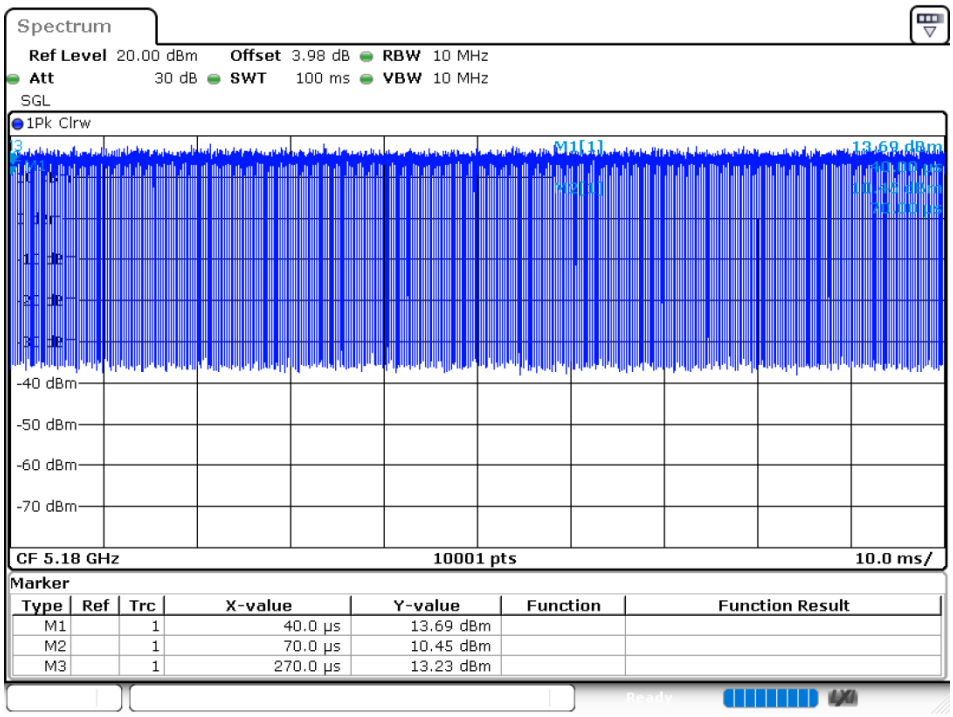
Duty Cycle NVNT ac20 5200MHz Ant1



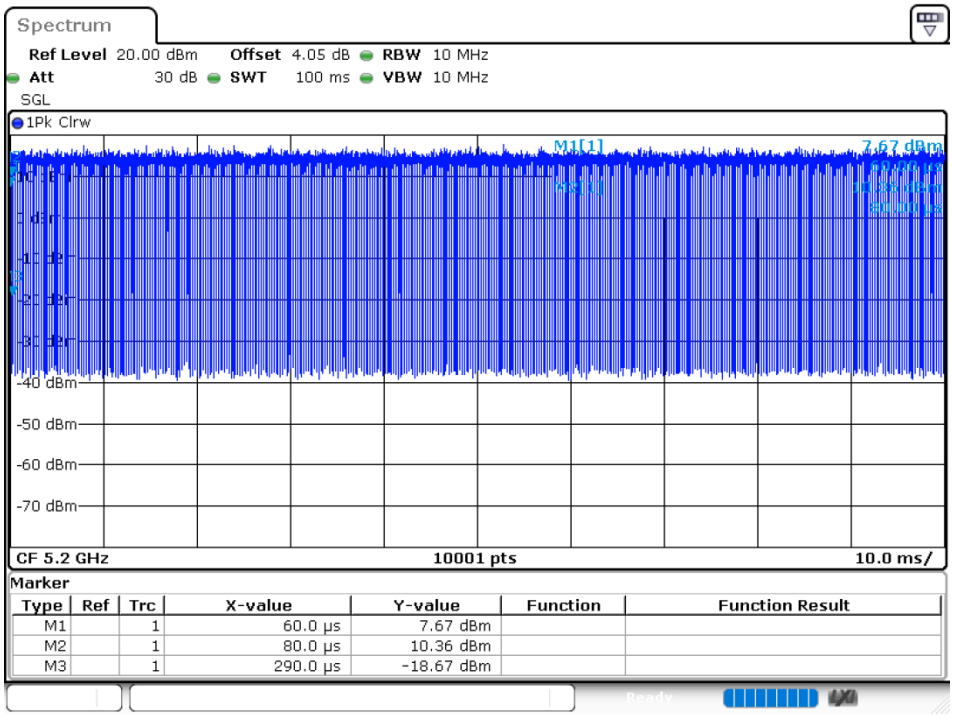
Duty Cycle NVNT ac20 5240MHz Ant1



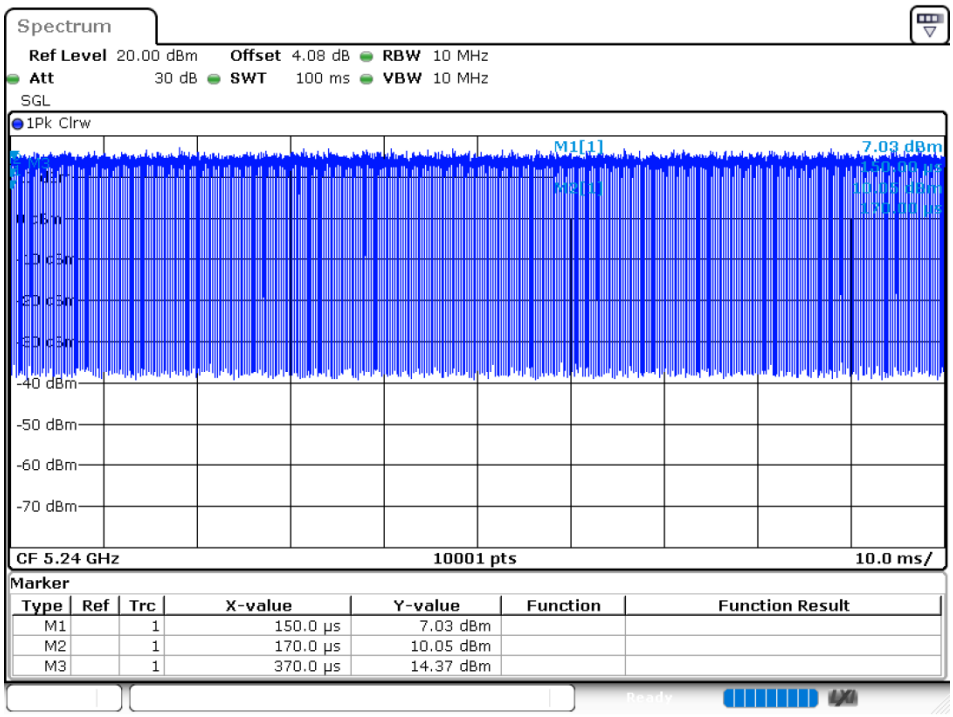
Duty Cycle NVNT ac20 5180MHz Ant2



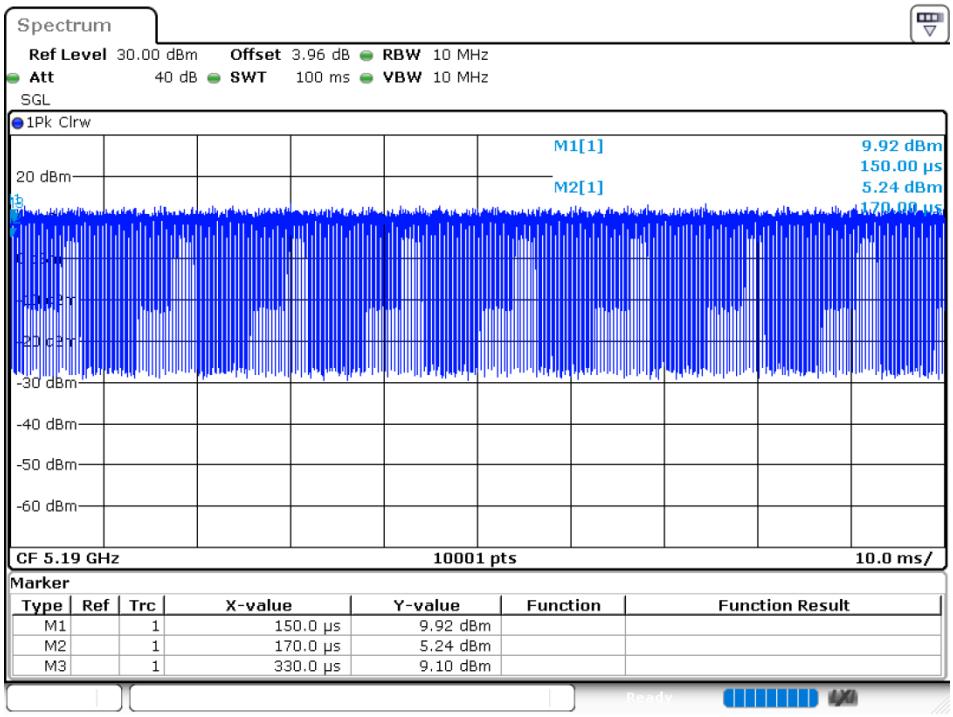
Duty Cycle NVNT ac20 5200MHz Ant2



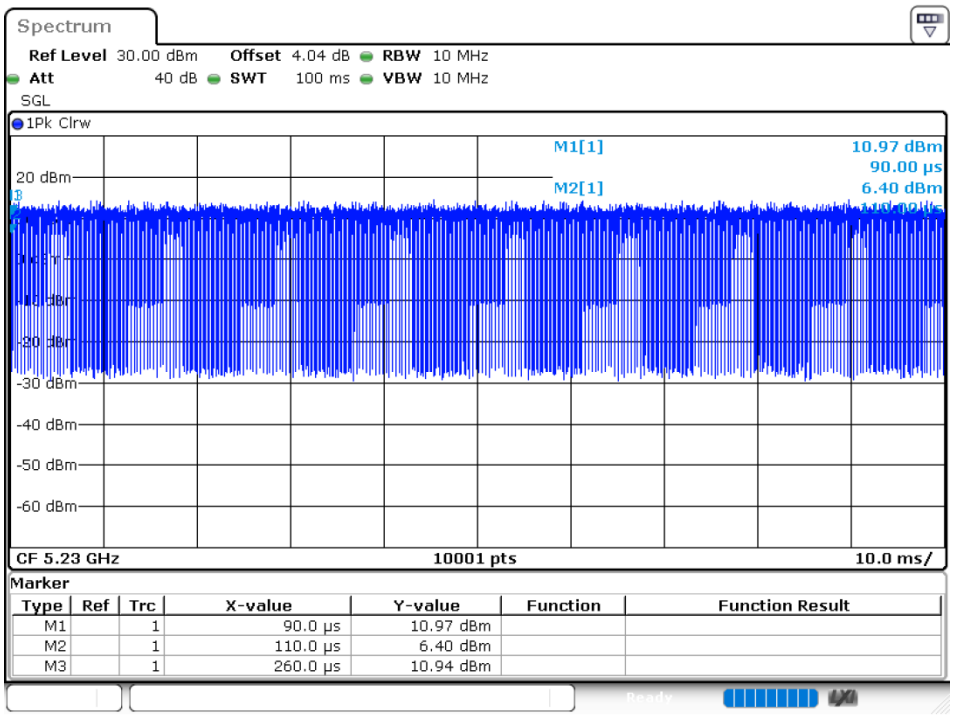
Duty Cycle NVNT ac20 5240MHz Ant2



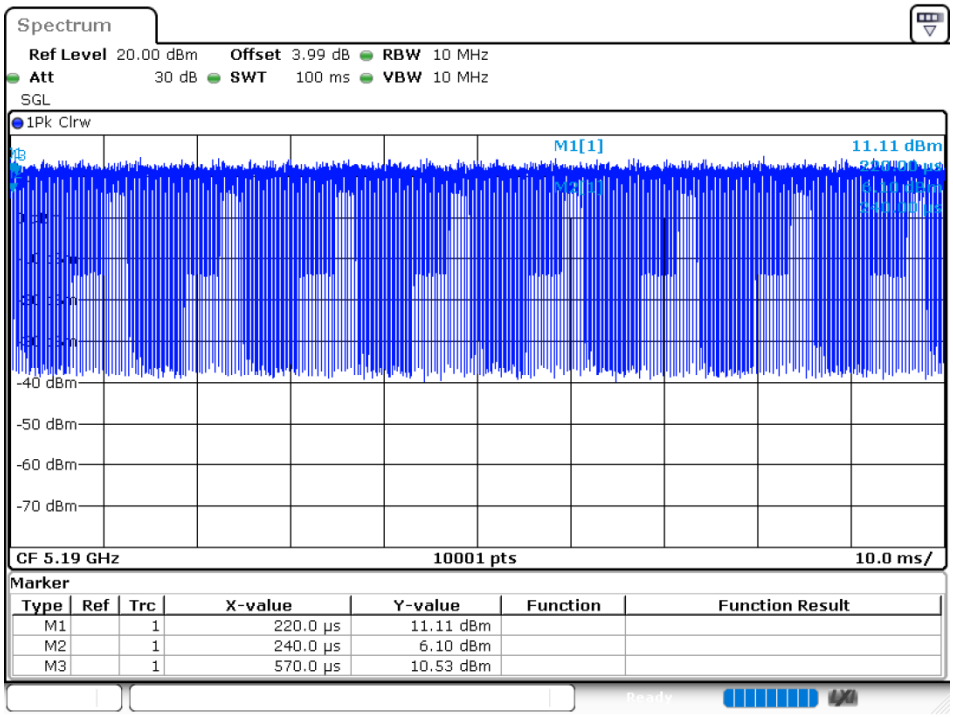
Duty Cycle NVNT ac40 5190MHz Ant1



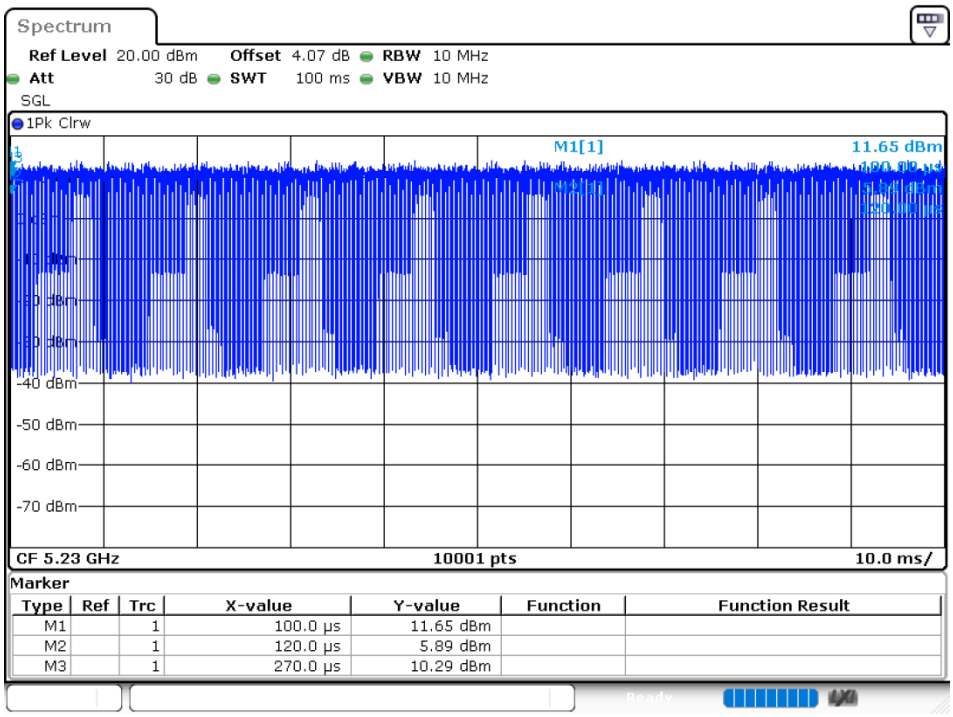
Duty Cycle NVNT ac40 5230MHz Ant1



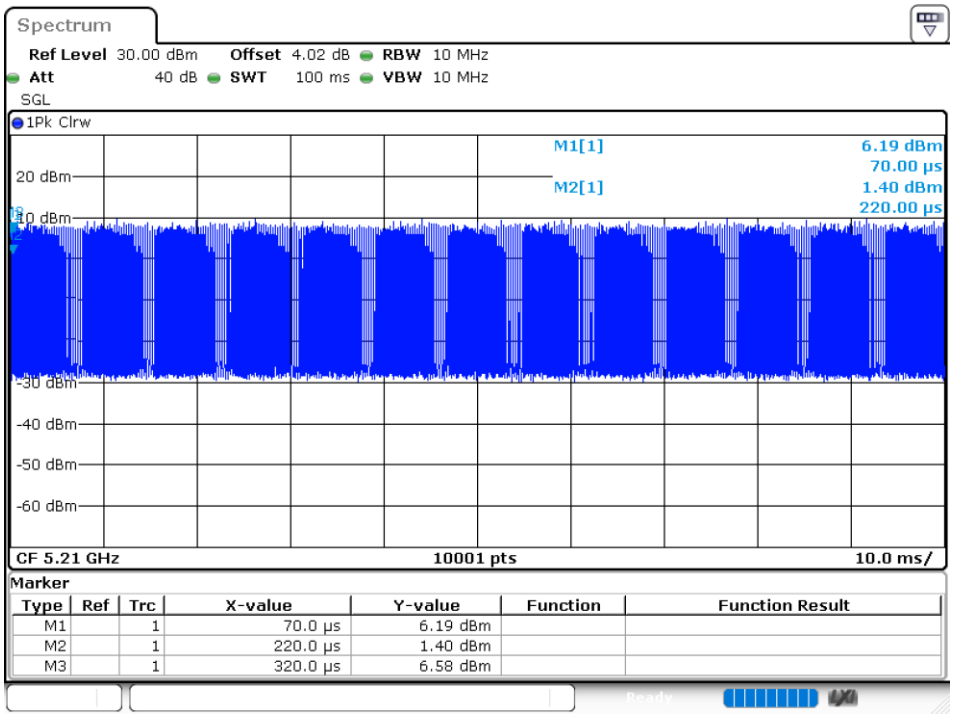
Duty Cycle NVNT ac40 5190MHz Ant2



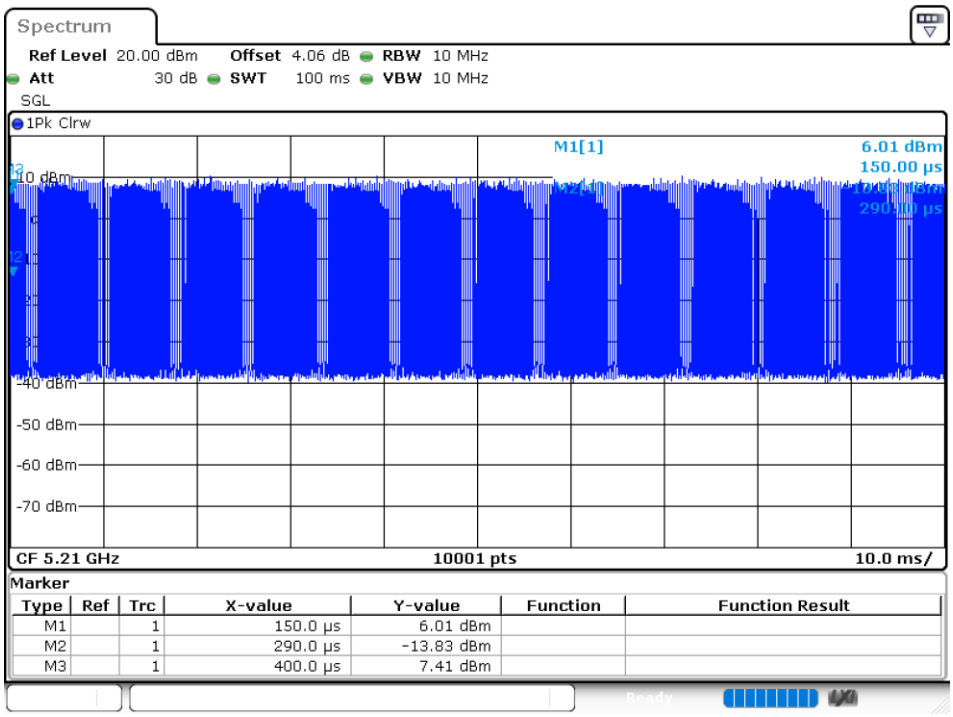
Duty Cycle NVNT ac40 5230MHz Ant2



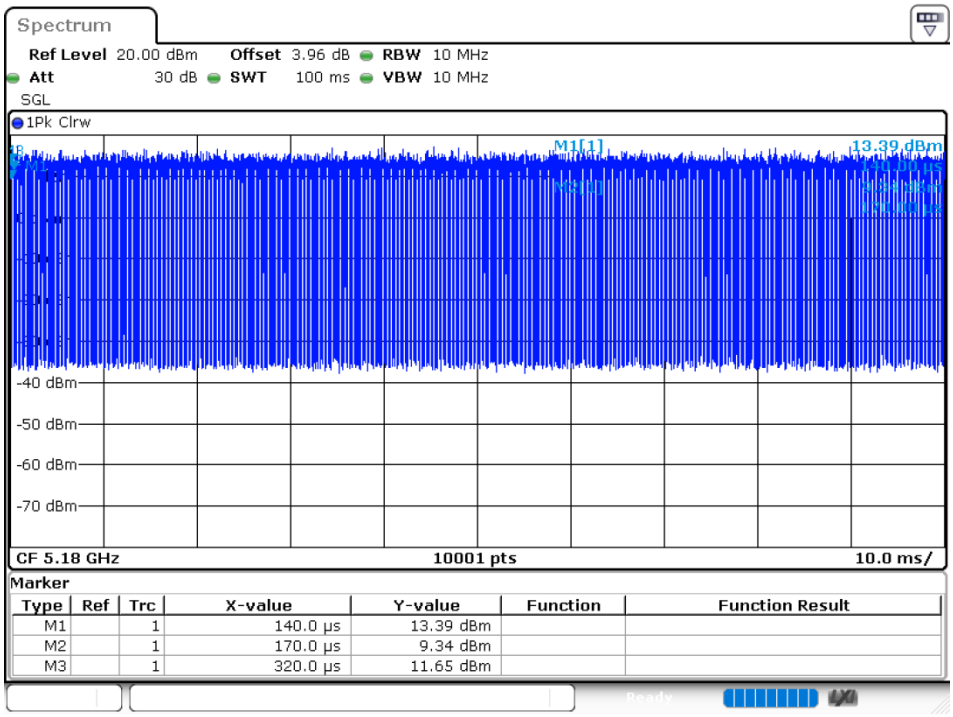
Duty Cycle NVNT ac80 5210MHz Ant1



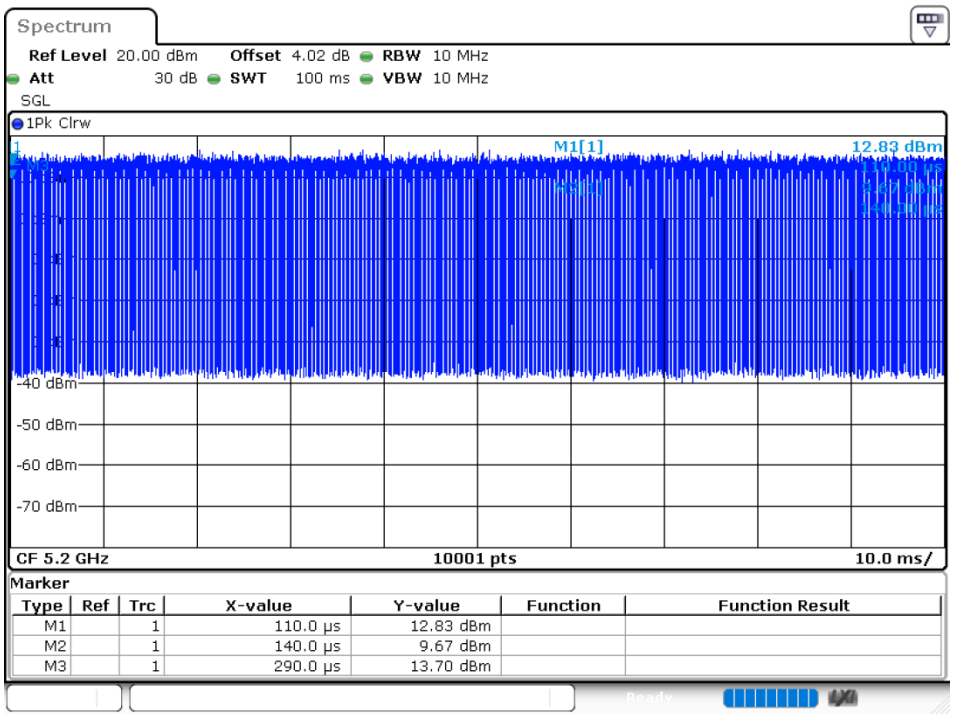
Duty Cycle NVNT ac80 5210MHz Ant2



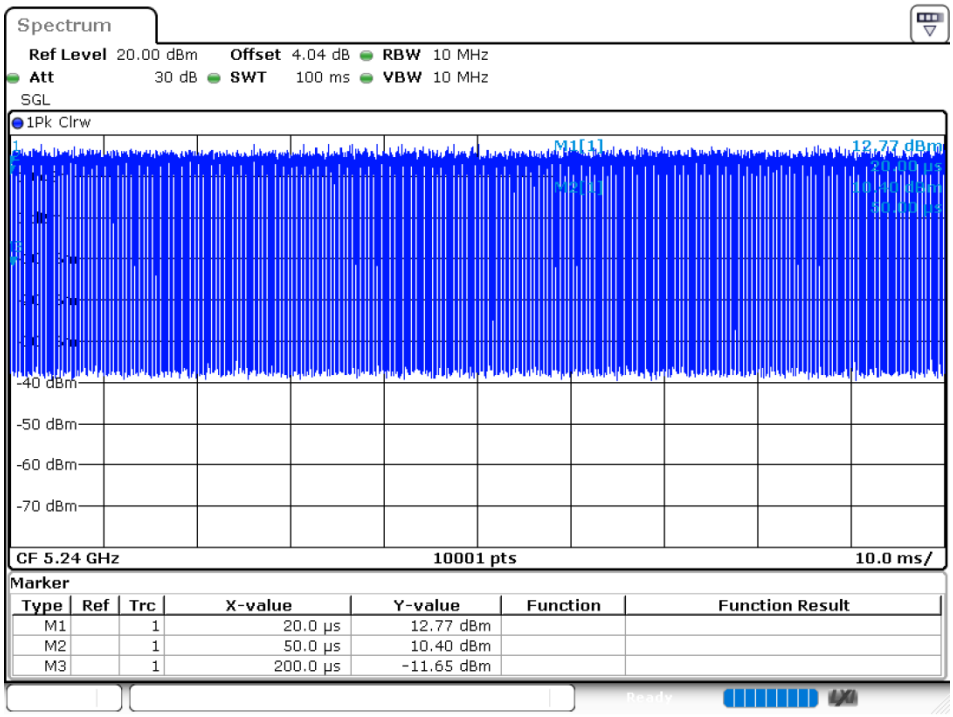
Duty Cycle NVNT ax20 5180MHz Ant1



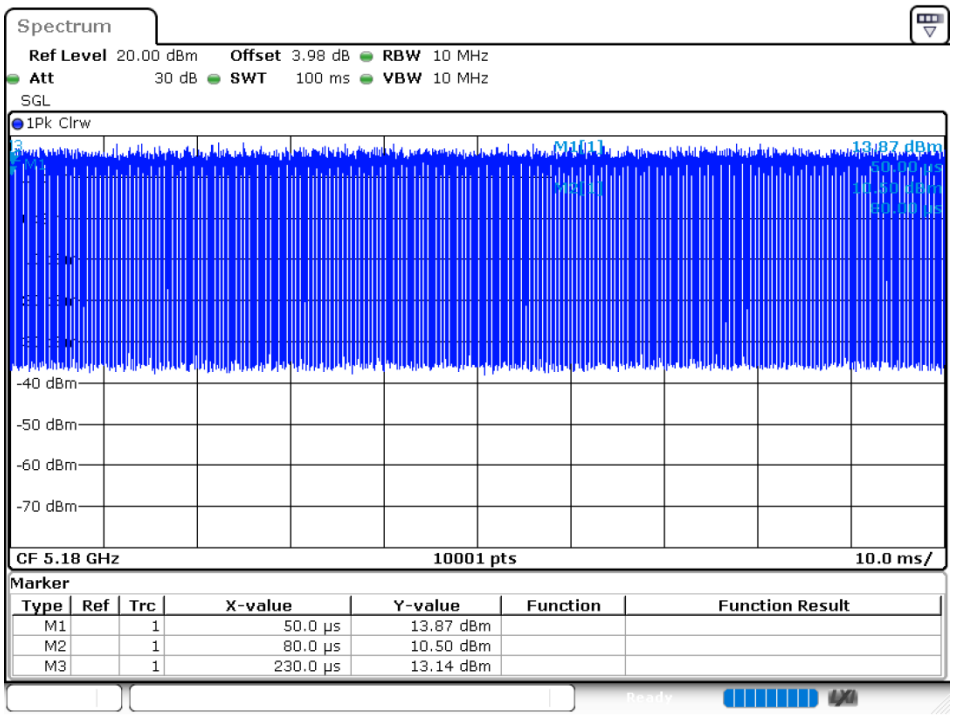
Duty Cycle NVNT ax20 5200MHz Ant1



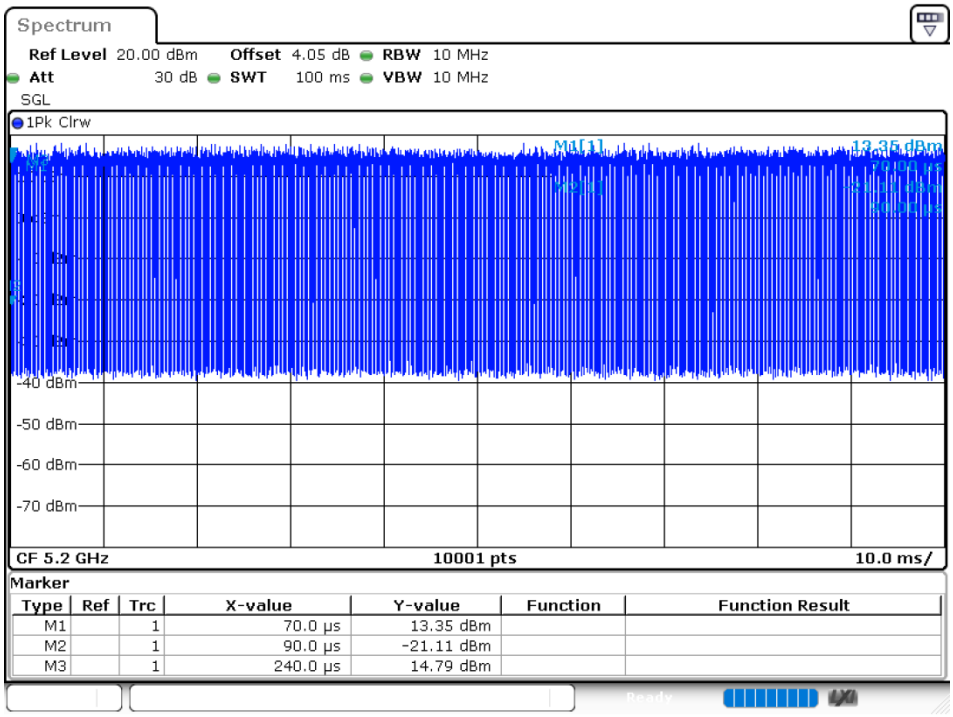
Duty Cycle NVNT ax20 5240MHz Ant1



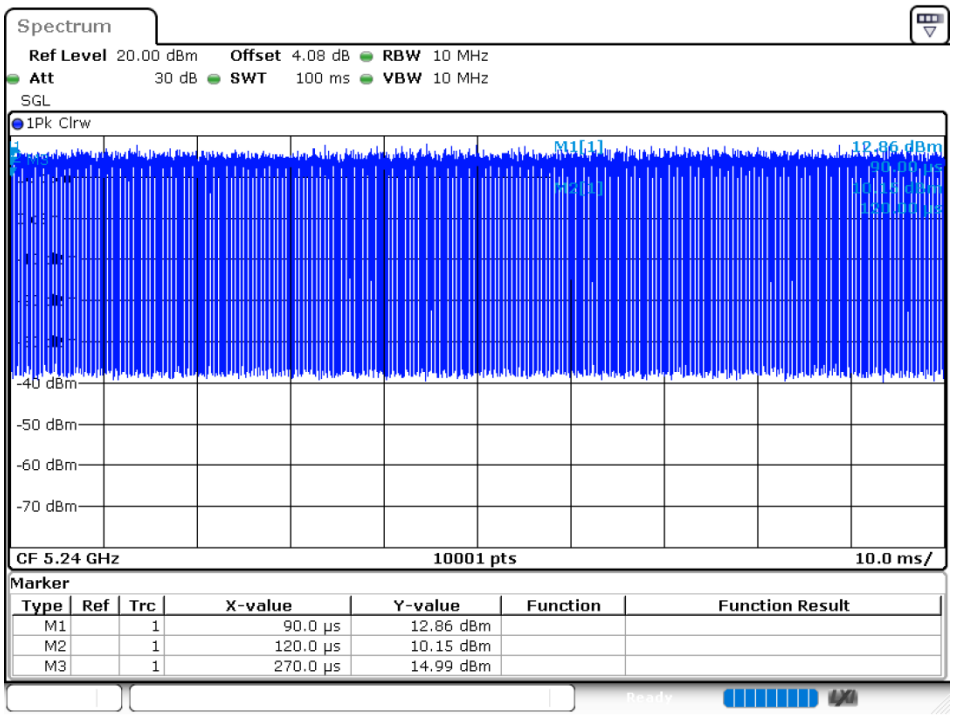
Duty Cycle NVNT ax20 5180MHz Ant2



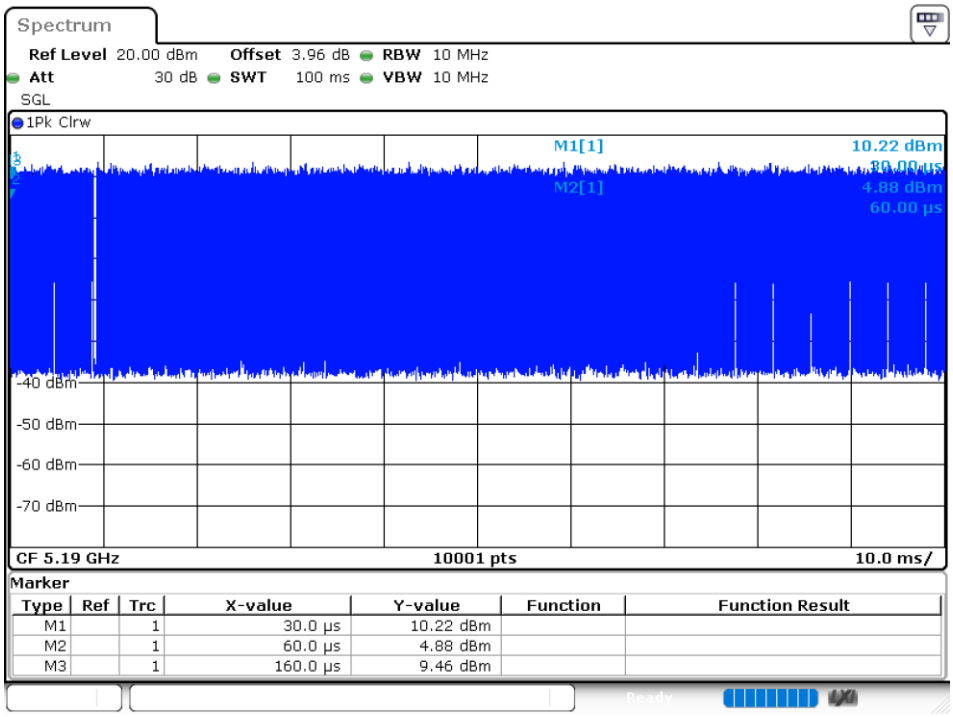
Duty Cycle NVNT ax20 5200MHz Ant2



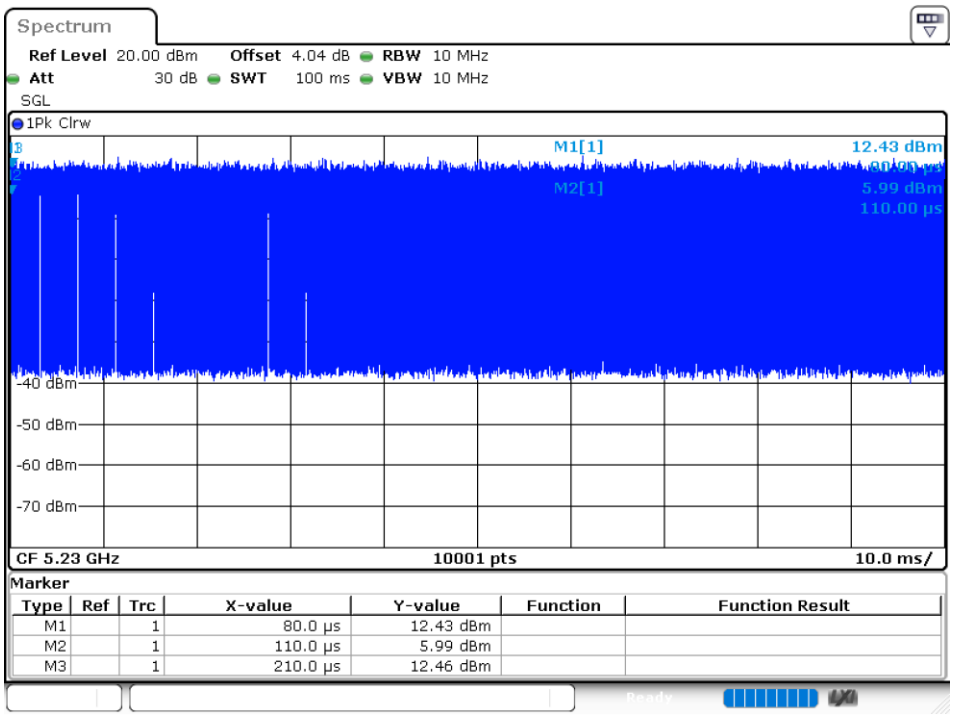
Duty Cycle NVNT ax20 5240MHz Ant2



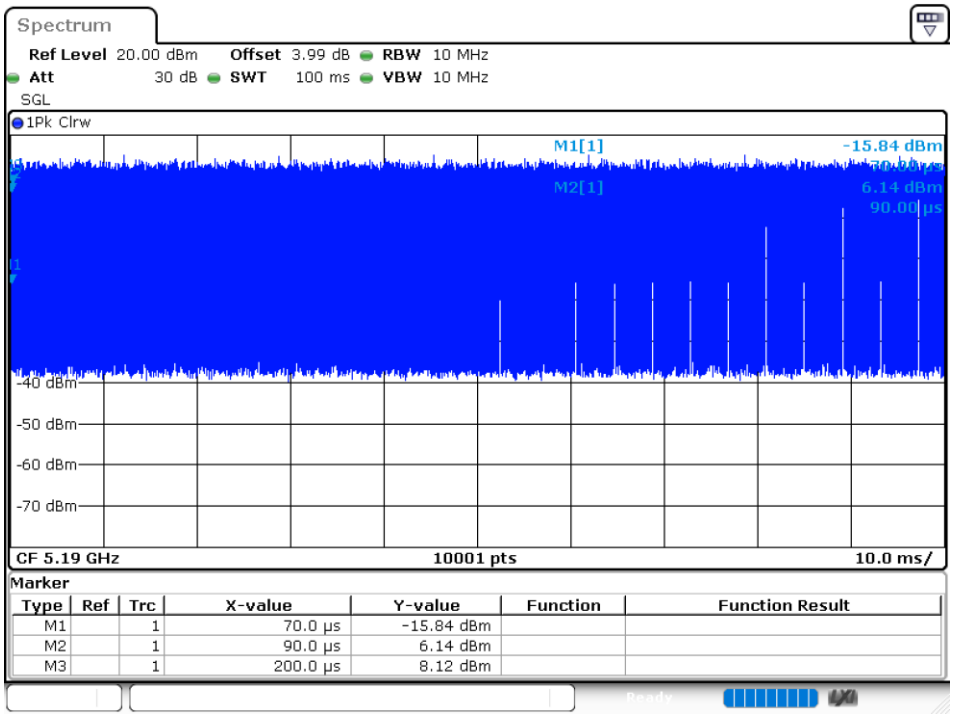
Duty Cycle NVNT ax40 5190MHz Ant1



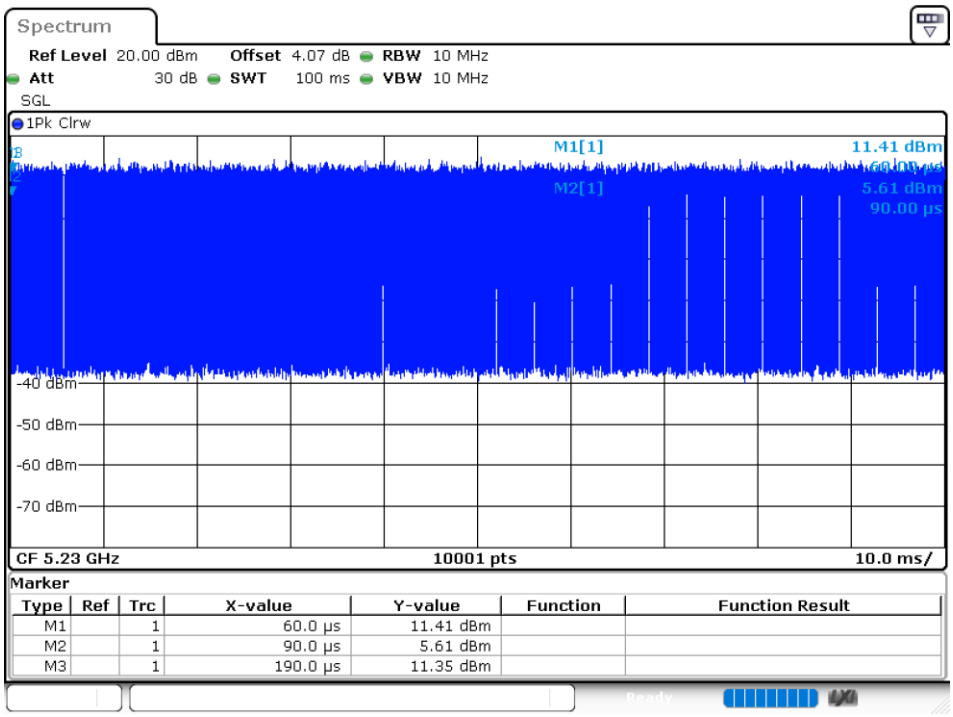
Duty Cycle NVNT ax40 5230MHz Ant1



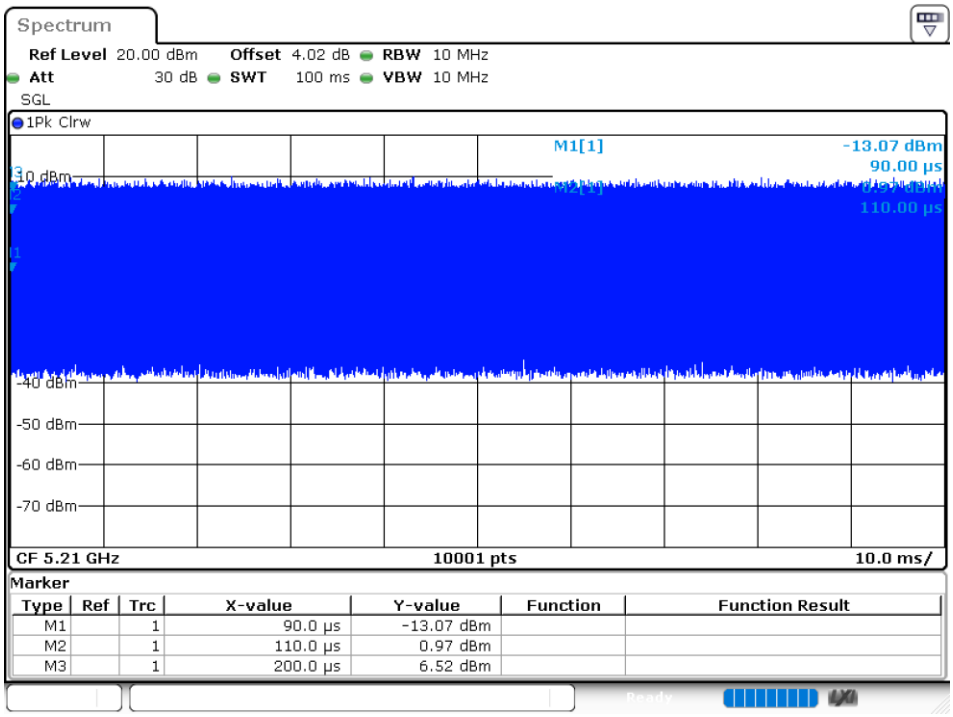
Duty Cycle NVNT ax40 5190MHz Ant2



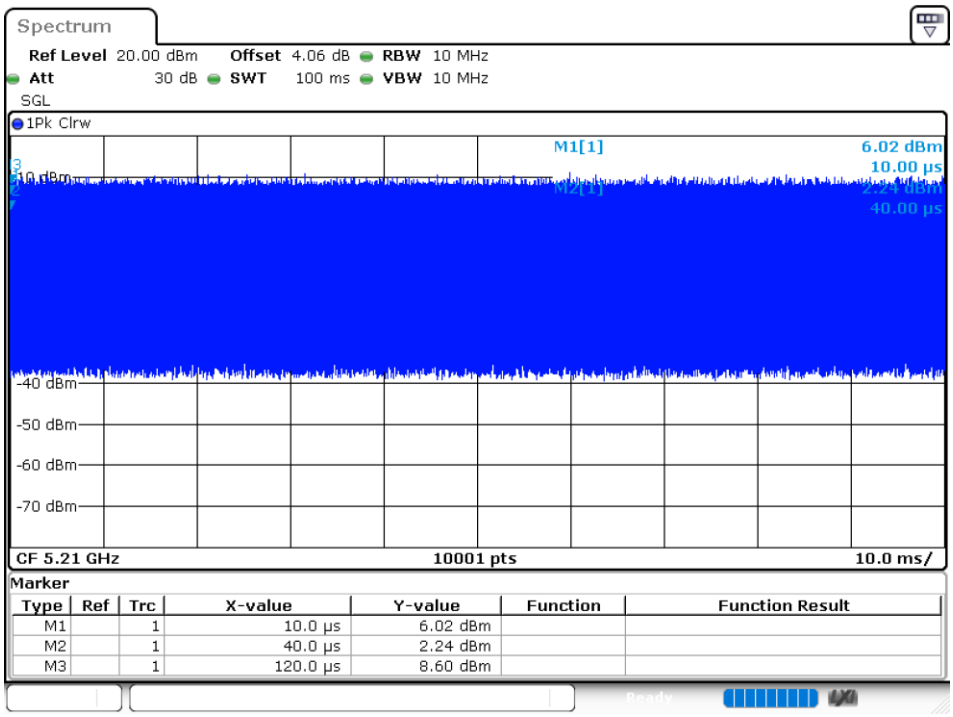
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.48	0.72	11.2	24	Pass
NVNT	a	5200	Ant1	9.99	0.72	10.71	24	Pass
NVNT	a	5240	Ant1	9.75	0.73	10.48	24	Pass
NVNT	a	5180	Ant2	10.74	0.28	11.02	24	Pass
NVNT	a	5200	Ant2	10.76	0.28	11.04	24	Pass
NVNT	a	5240	Ant2	10.44	0.28	10.72	24	Pass
NVNT	n20	5180	Ant1	10.53	0.94	11.47	24	Pass
NVNT	n20	5200	Ant1	10.01	0.94	10.95	24	Pass
NVNT	n20	5240	Ant1	9.8	0.94	10.74	24	Pass
NVNT	n20	5180	Ant2	10.61	0.04	10.65	24	Pass
NVNT	n20	5200	Ant2	10.51	0.04	10.55	24	Pass
NVNT	n20	5240	Ant2	10.24	0.04	10.28	24	Pass
NVNT	n40	5190	Ant1	10.12	2.57	12.69	24	Pass
NVNT	n40	5230	Ant1	10.04	2.58	12.62	24	Pass
NVNT	n40	5190	Ant2	10.44	0.51	10.95	24	Pass
NVNT	n40	5230	Ant2	10.19	0.51	10.7	24	Pass
NVNT	ac20	5180	Ant1	10.76	0.37	11.13	24	Pass
NVNT	ac20	5200	Ant1	9.91	0.37	10.28	24	Pass
NVNT	ac20	5240	Ant1	9.7	0.37	10.07	24	Pass
NVNT	ac20	5180	Ant2	10.72	0.35	11.07	24	Pass
NVNT	ac20	5200	Ant2	10.68	0.35	11.03	24	Pass
NVNT	ac20	5240	Ant2	10.33	0.35	10.68	24	Pass
NVNT	ac40	5190	Ant1	10.3	0.23	10.53	24	Pass
NVNT	ac40	5230	Ant1	10.01	0.23	10.24	24	Pass
NVNT	ac40	5190	Ant2	10.46	0.19	10.65	24	Pass
NVNT	ac40	5230	Ant2	10.17	0.19	10.36	24	Pass
NVNT	ac80	5210	Ant1	9.16	3.39	12.55	24	Pass
NVNT	ac80	5210	Ant2	10.17	3.32	13.49	24	Pass
NVNT	ax20	5180	Ant1	10.93	0.46	11.39	24	Pass
NVNT	ax20	5200	Ant1	10.42	0.46	10.88	24	Pass
NVNT	ax20	5240	Ant1	10.07	0.46	10.53	24	Pass
NVNT	ax20	5180	Ant2	11.02	0.44	11.46	24	Pass
NVNT	ax20	5200	Ant2	11.01	0.44	11.45	24	Pass
NVNT	ax20	5240	Ant2	10.7	0.44	11.14	24	Pass
NVNT	ax40	5190	Ant1	10.48	0.61	11.09	24	Pass
NVNT	ax40	5230	Ant1	10.26	0.6	10.86	24	Pass
NVNT	ax40	5190	Ant2	10.74	0.59	11.33	24	Pass
NVNT	ax40	5230	Ant2	10.4	0.61	11.01	24	Pass
NVNT	ax80	5210	Ant1	9.48	0.74	10.22	24	Pass

NVNT	ax80	5210	Ant2	10.25	0.74	10.99	24	Pass

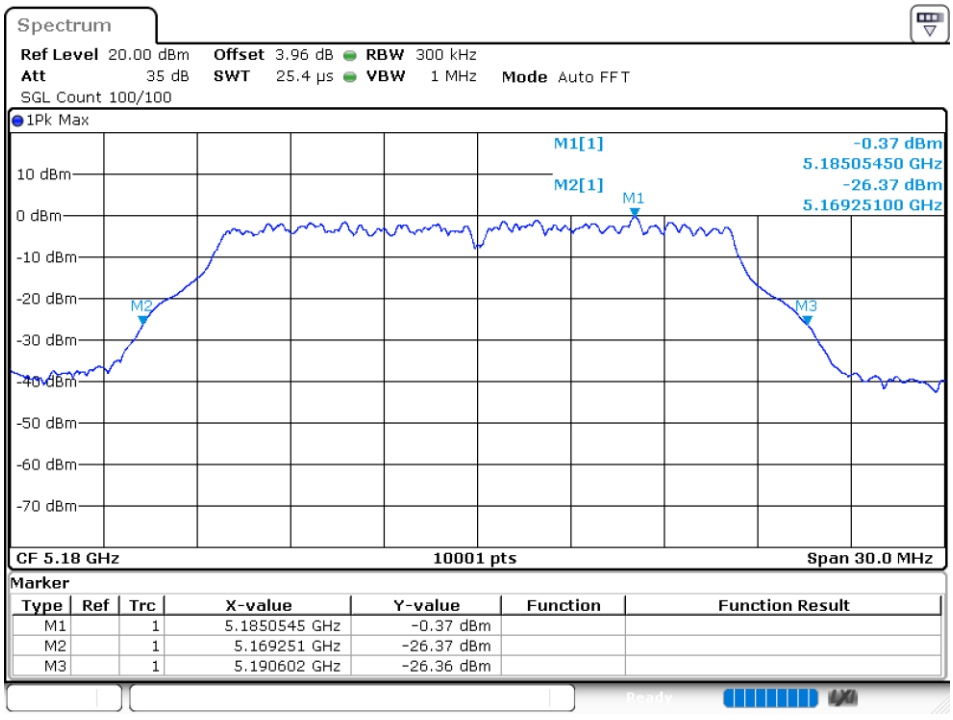
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.351	Pass
NVNT	a	5200	Ant1	20.901	Pass
NVNT	a	5240	Ant1	20.664	Pass
NVNT	a	5180	Ant2	21.309	Pass
NVNT	a	5200	Ant2	21.207	Pass
NVNT	a	5240	Ant2	21.171	Pass
NVNT	n20	5180	Ant1	21.405	Pass
NVNT	n20	5200	Ant1	21.129	Pass
NVNT	n20	5240	Ant1	20.799	Pass
NVNT	n20	5180	Ant2	20.826	Pass
NVNT	n20	5200	Ant2	20.913	Pass
NVNT	n20	5240	Ant2	21.282	Pass
NVNT	n40	5190	Ant1	39.756	Pass
NVNT	n40	5230	Ant1	39.804	Pass
NVNT	n40	5190	Ant2	39.732	Pass
NVNT	n40	5230	Ant2	39.72	Pass
NVNT	ac20	5180	Ant1	21.387	Pass
NVNT	ac20	5200	Ant1	21.204	Pass
NVNT	ac20	5240	Ant1	21.159	Pass
NVNT	ac20	5180	Ant2	21.375	Pass
NVNT	ac20	5200	Ant2	21.108	Pass
NVNT	ac20	5240	Ant2	21.147	Pass
NVNT	ac40	5190	Ant1	40.116	Pass
NVNT	ac40	5230	Ant1	40.644	Pass
NVNT	ac40	5190	Ant2	40.056	Pass
NVNT	ac40	5230	Ant2	40.044	Pass
NVNT	ac80	5210	Ant1	81.756	Pass
NVNT	ac80	5210	Ant2	81.432	Pass
NVNT	ax20	5180	Ant1	21.432	Pass
NVNT	ax20	5200	Ant1	21.189	Pass
NVNT	ax20	5240	Ant1	21.444	Pass
NVNT	ax20	5180	Ant2	21.195	Pass
NVNT	ax20	5200	Ant2	21.183	Pass
NVNT	ax20	5240	Ant2	21.798	Pass
NVNT	ax40	5190	Ant1	40.068	Pass
NVNT	ax40	5230	Ant1	40.206	Pass
NVNT	ax40	5190	Ant2	40.302	Pass

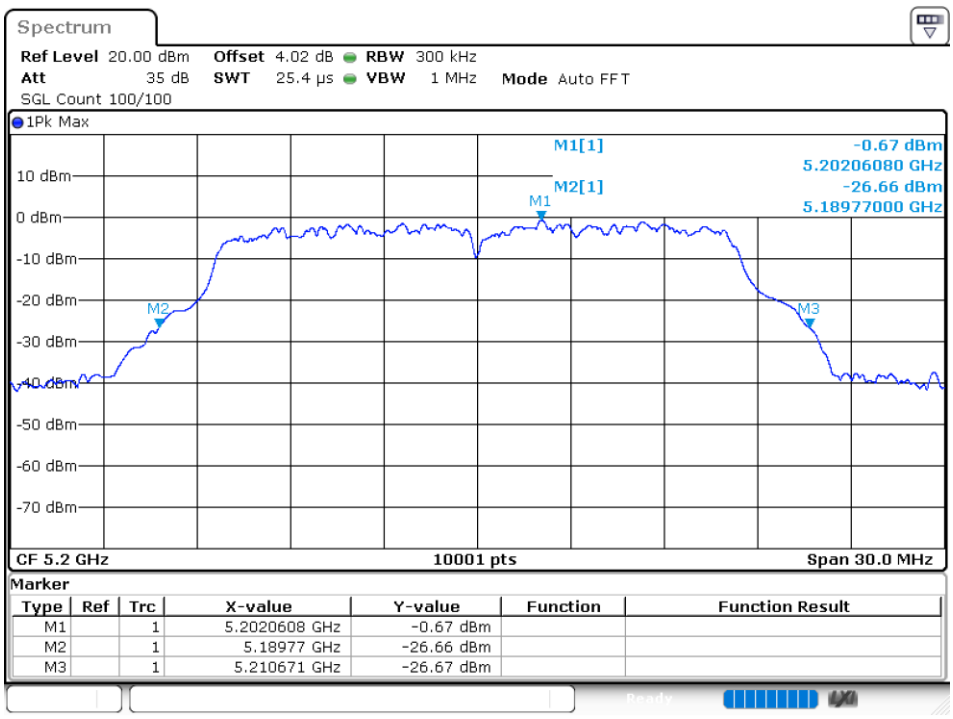
NVNT	ax40	5230	Ant2	40.164	Pass
NVNT	ax80	5210	Ant1	81.576	Pass
NVNT	ax80	5210	Ant2	82.296	Pass

Test Graphs

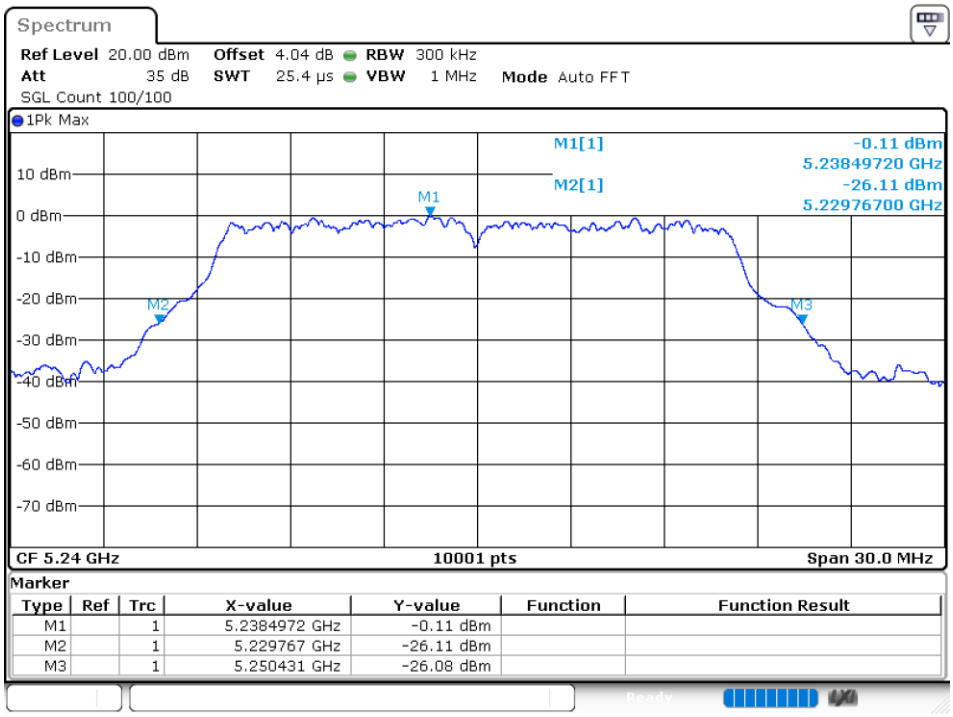
-26dB Bandwidth NVNT a 5180MHz Ant1



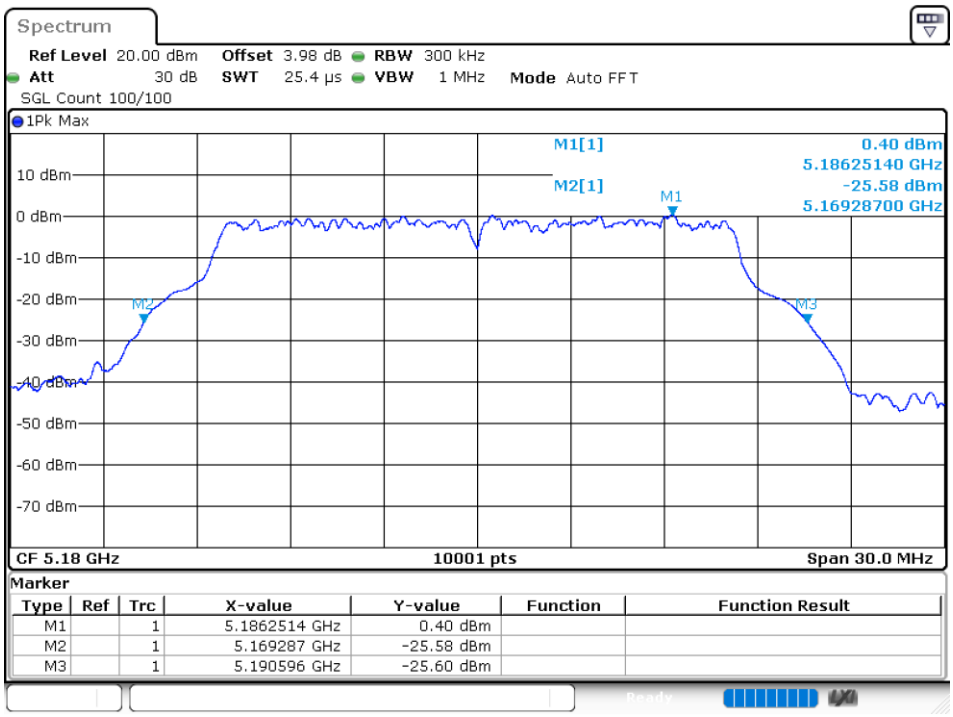
-26dB Bandwidth NVNT a 5200MHz Ant1



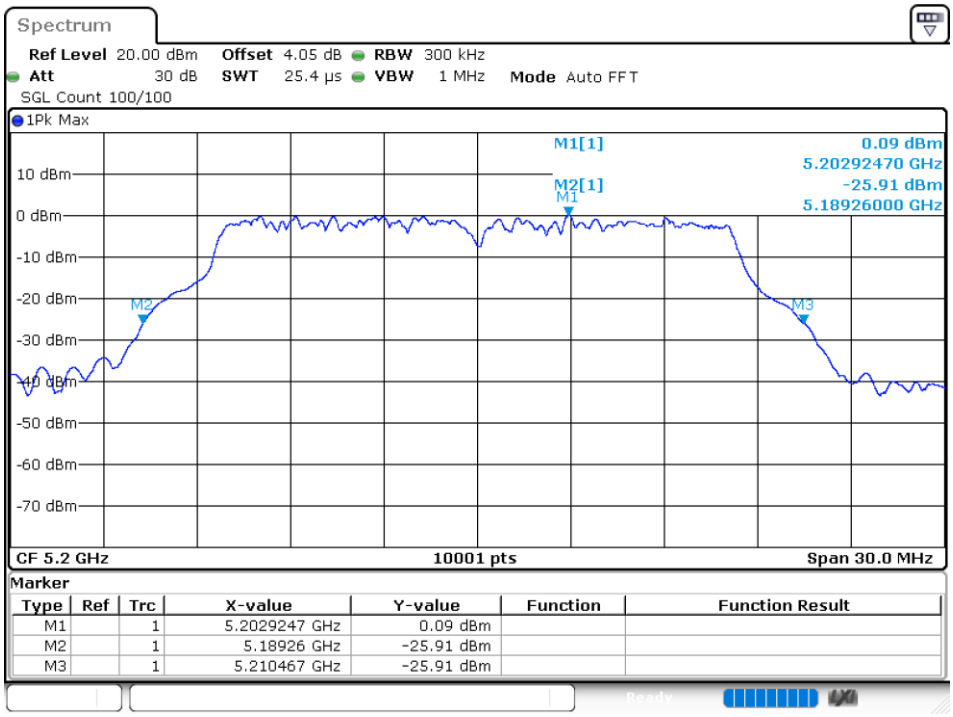
-26dB Bandwidth NVNT a 5240MHz Ant1



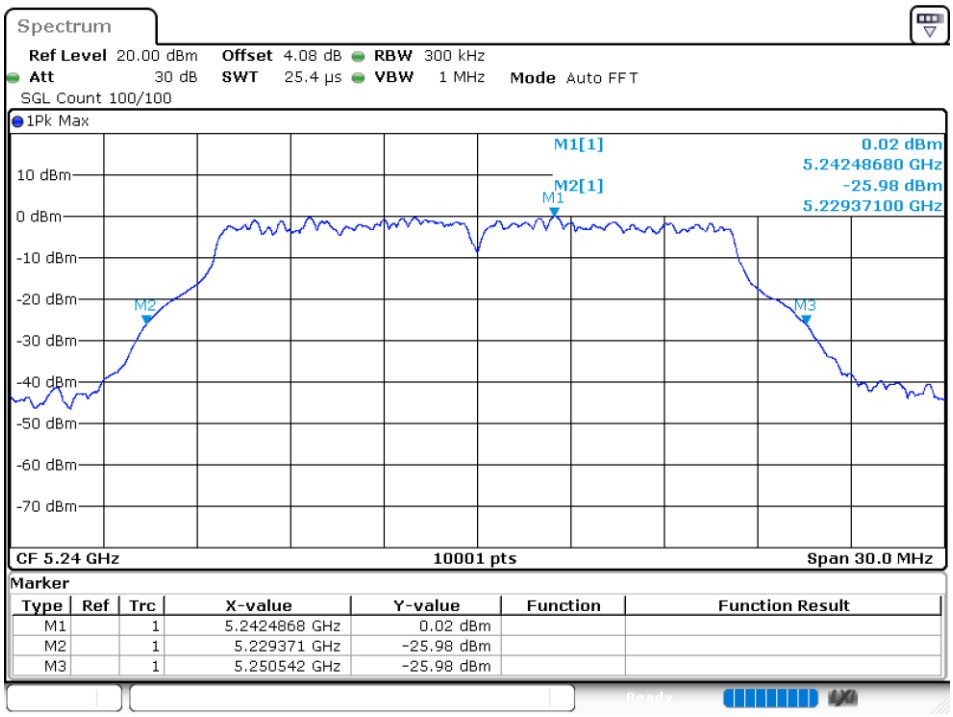
-26dB Bandwidth NVNT a 5180MHz Ant2



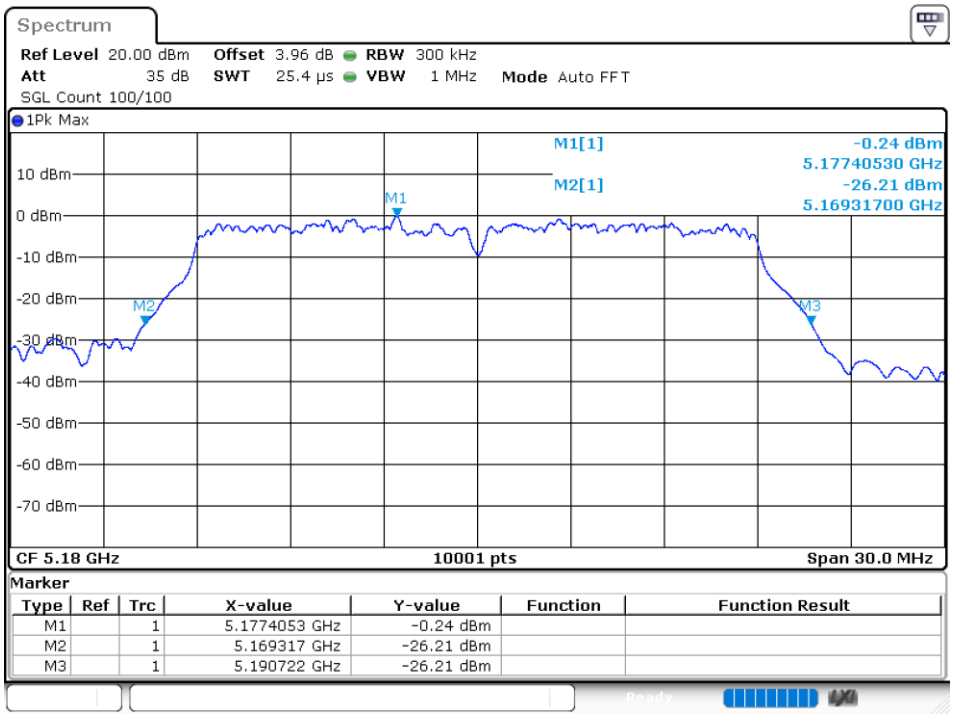
-26dB Bandwidth NVNT a 5200MHz Ant2



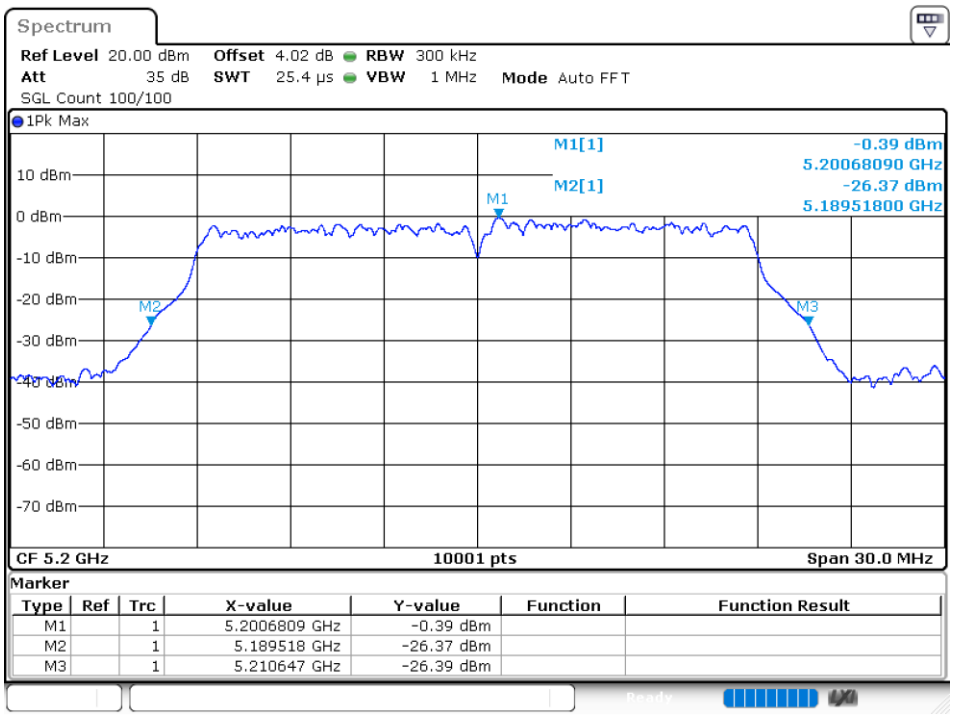
-26dB Bandwidth NVNT a 5240MHz Ant2



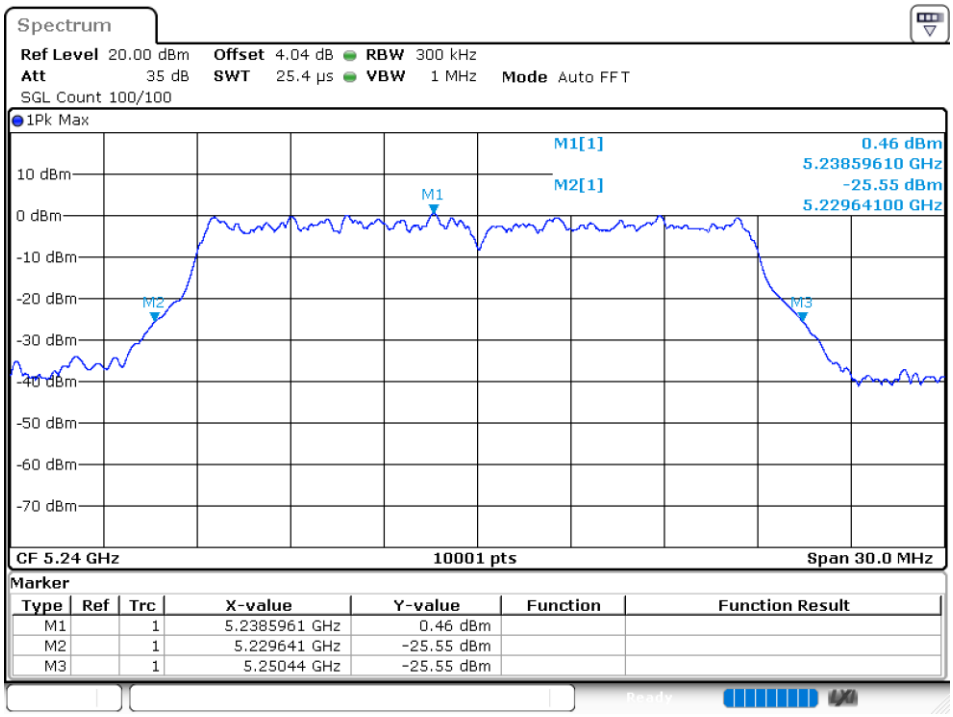
-26dB Bandwidth NVNT n20 5180MHz Ant1



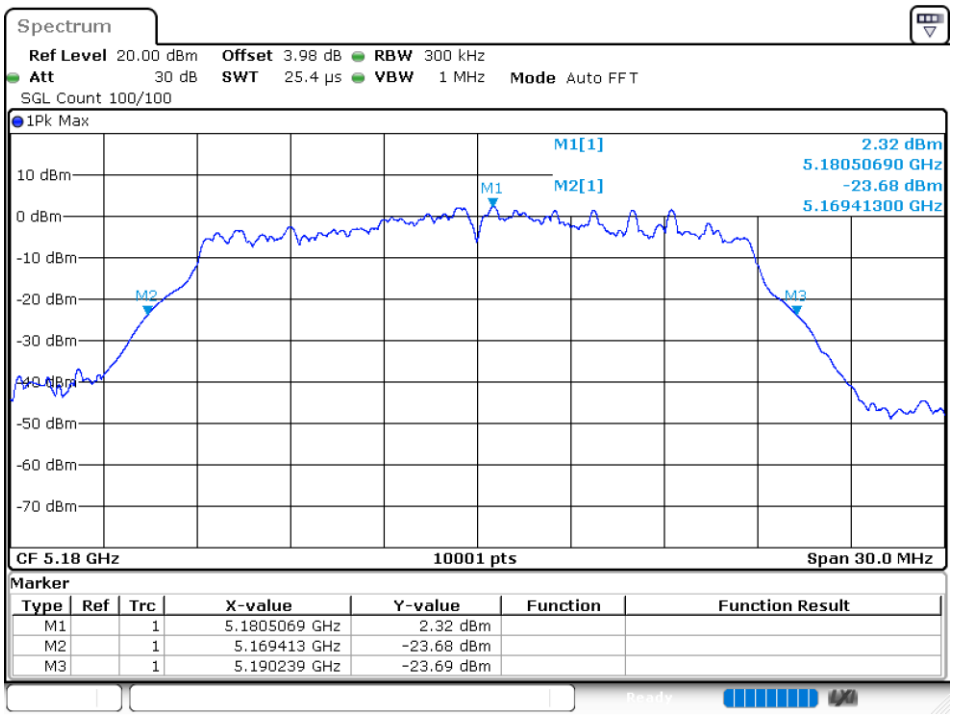
-26dB Bandwidth NVNT n20 5200MHz Ant1



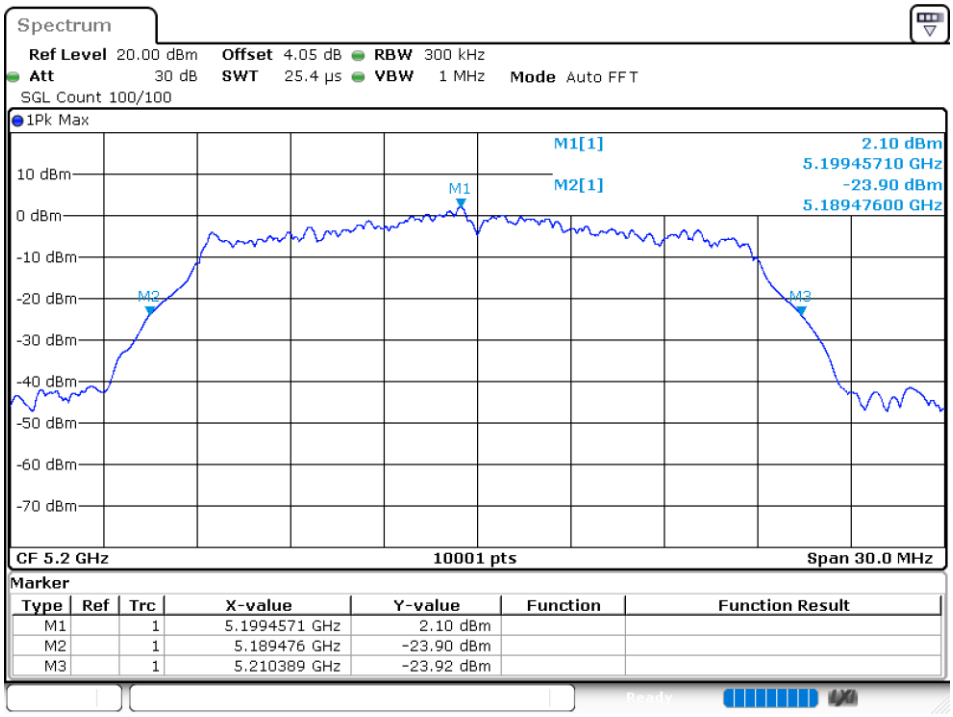
-26dB Bandwidth NVNT n20 5240MHz Ant1



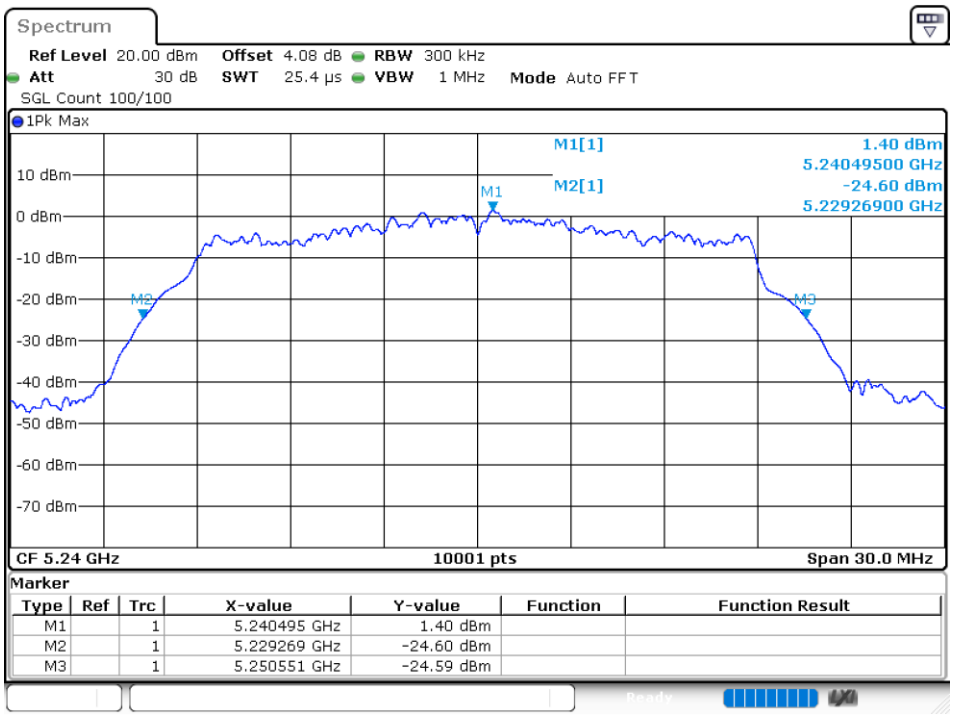
-26dB Bandwidth NVNT n20 5180MHz Ant2



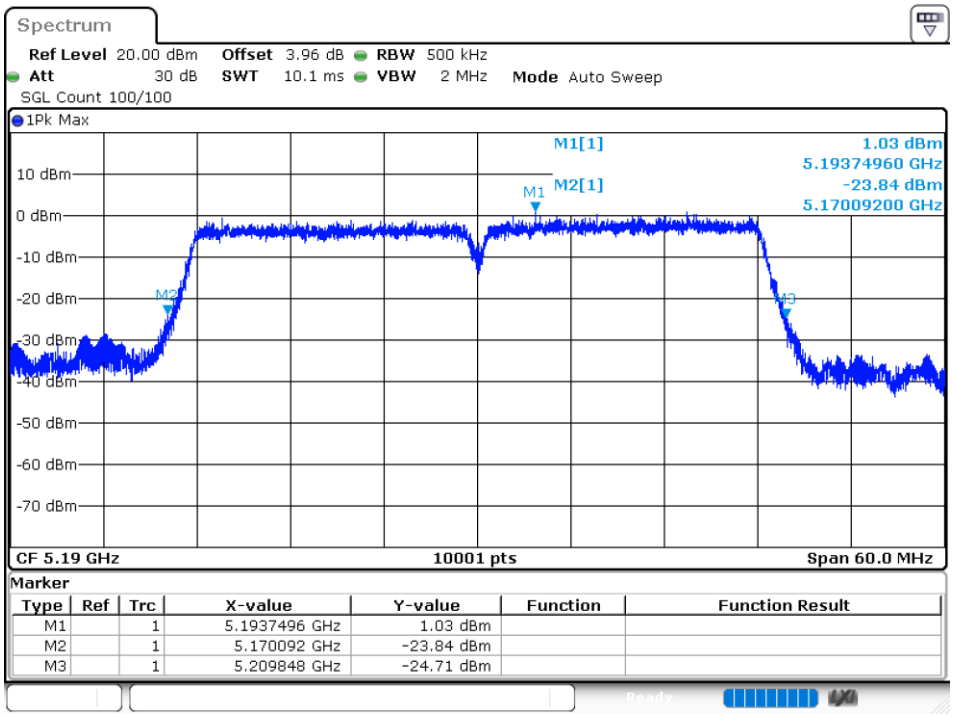
-26dB Bandwidth NVNT n20 5200MHz Ant2



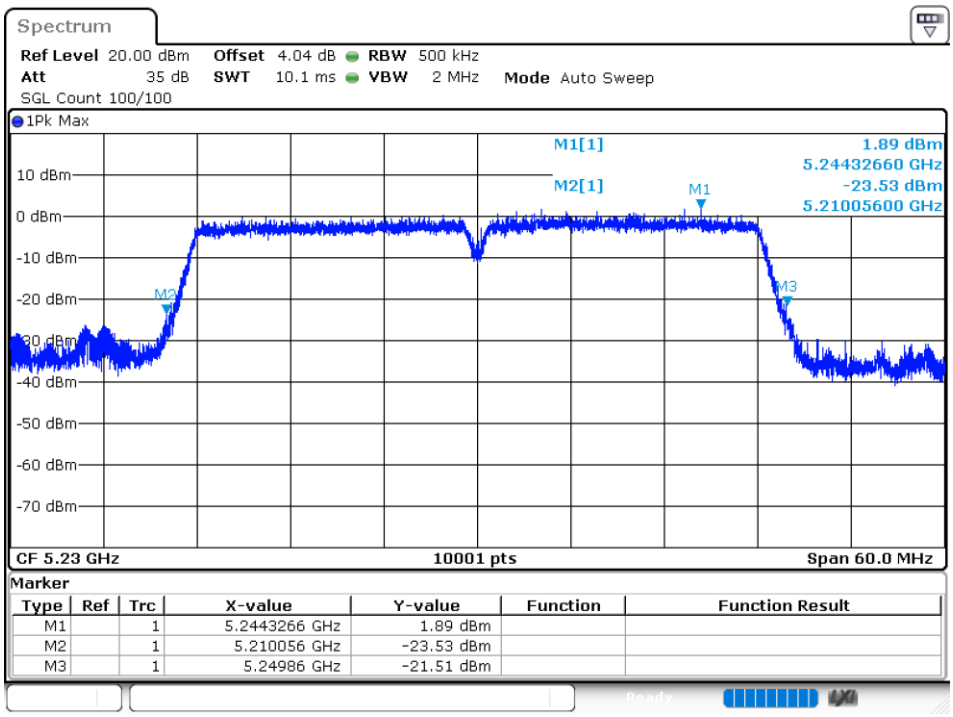
-26dB Bandwidth NVNT n20 5240MHz Ant2



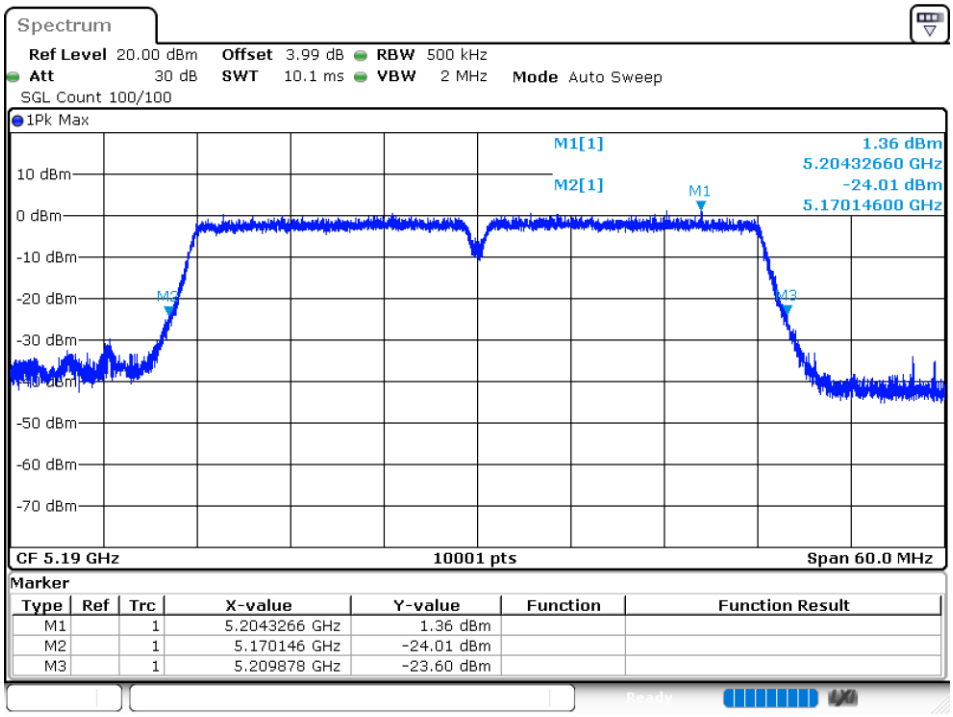
-26dB Bandwidth NVNT n40 5190MHz Ant1



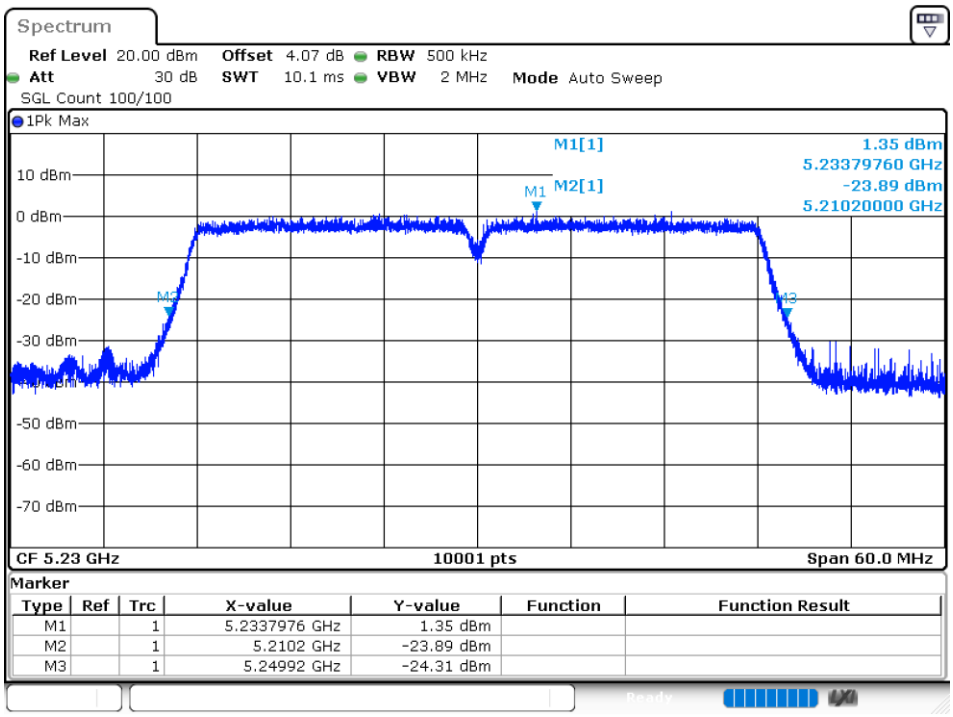
-26dB Bandwidth NVNT n40 5230MHz Ant1



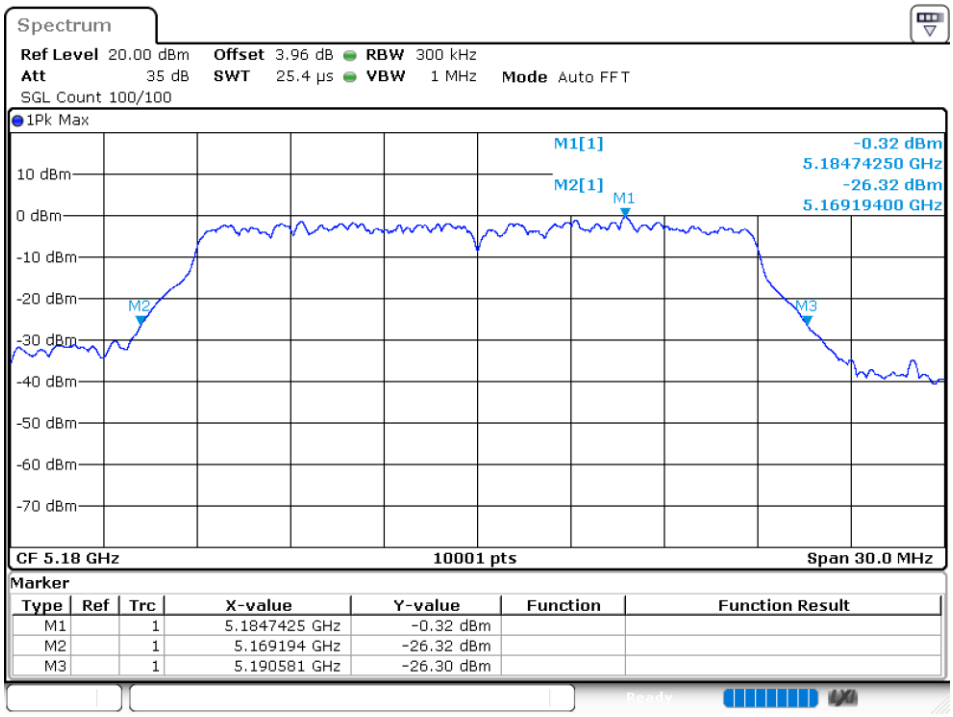
-26dB Bandwidth NVNT n40 5190MHz Ant2



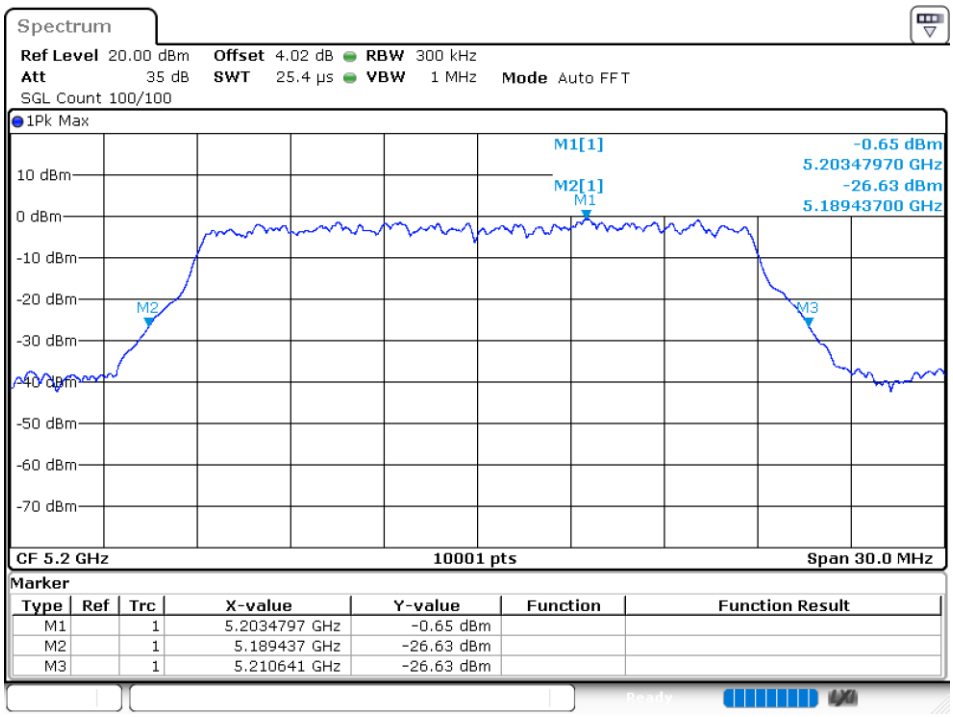
-26dB Bandwidth NVNT n40 5230MHz Ant2



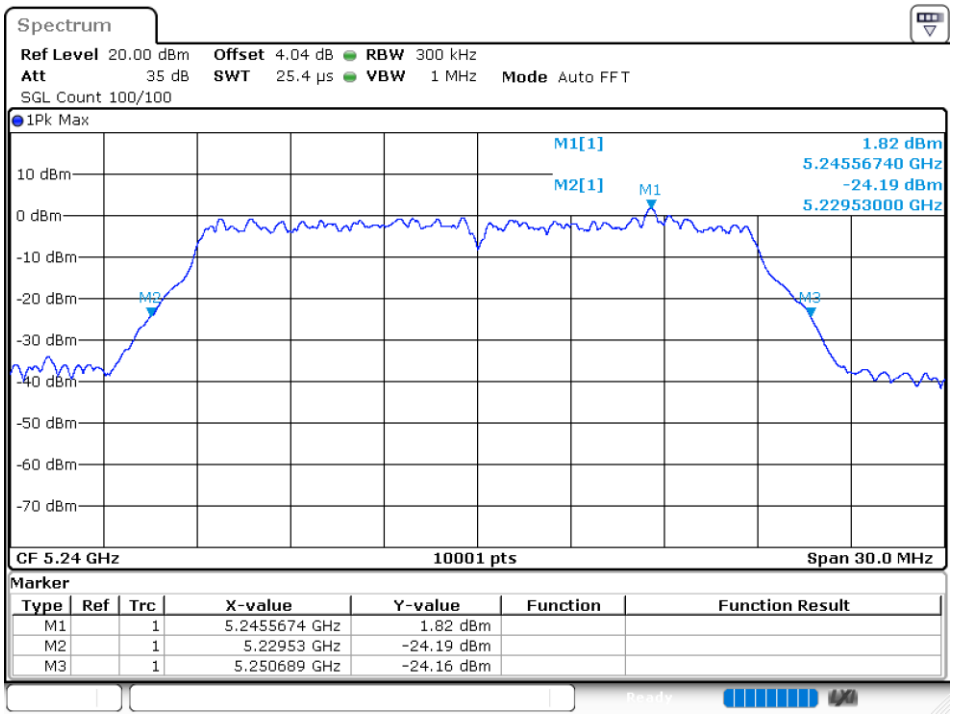
-26dB Bandwidth NVNT ac20 5180MHz Ant1



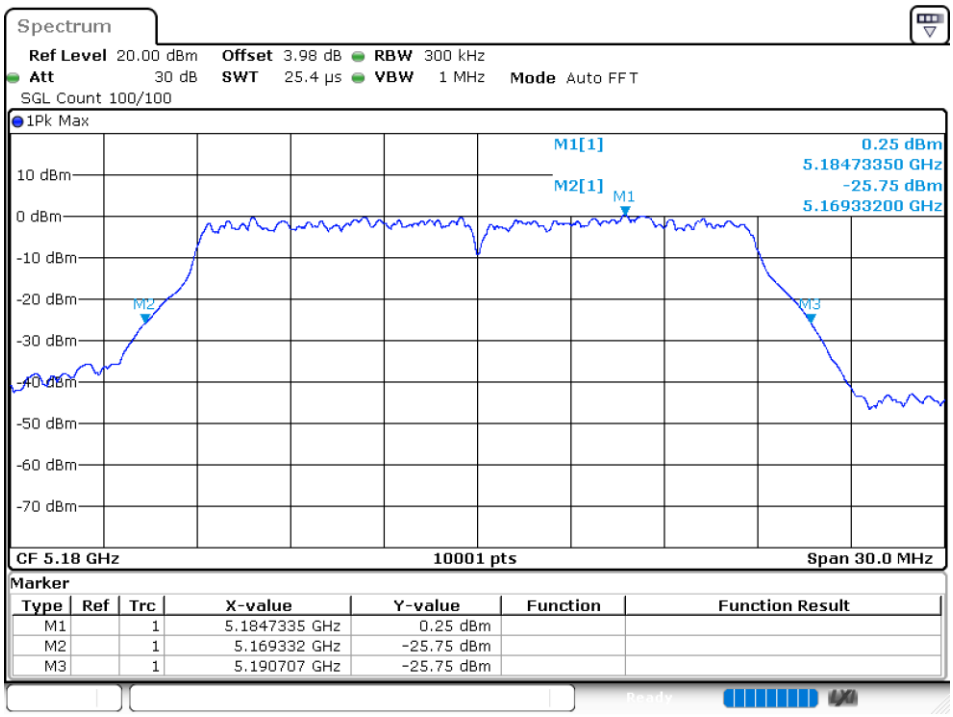
-26dB Bandwidth NVNT ac20 5200MHz Ant1



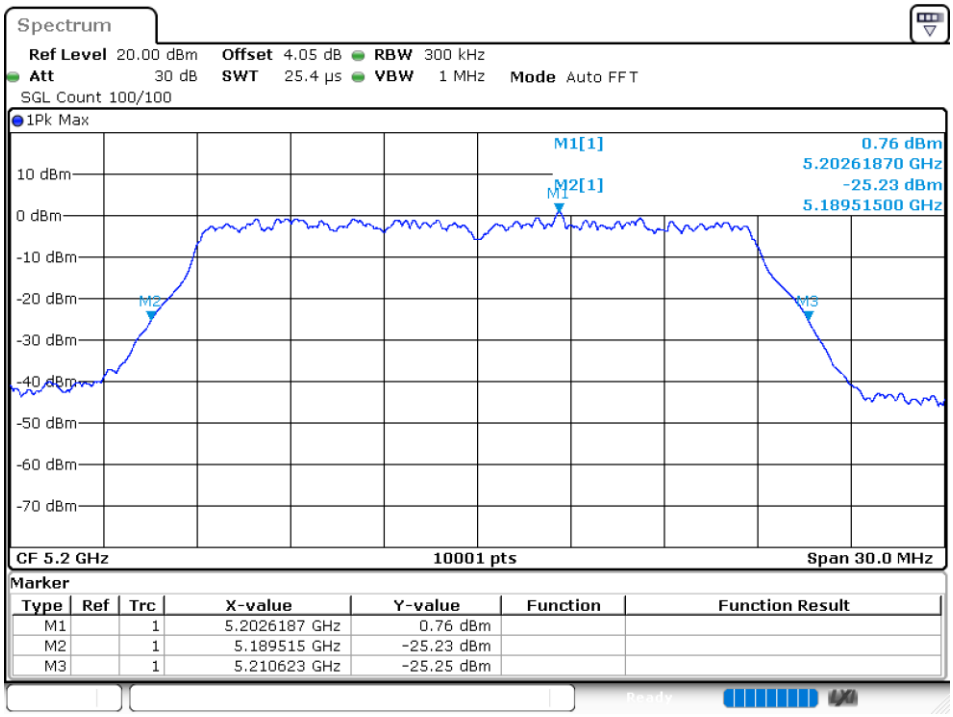
-26dB Bandwidth NVNT ac20 5240MHz Ant1



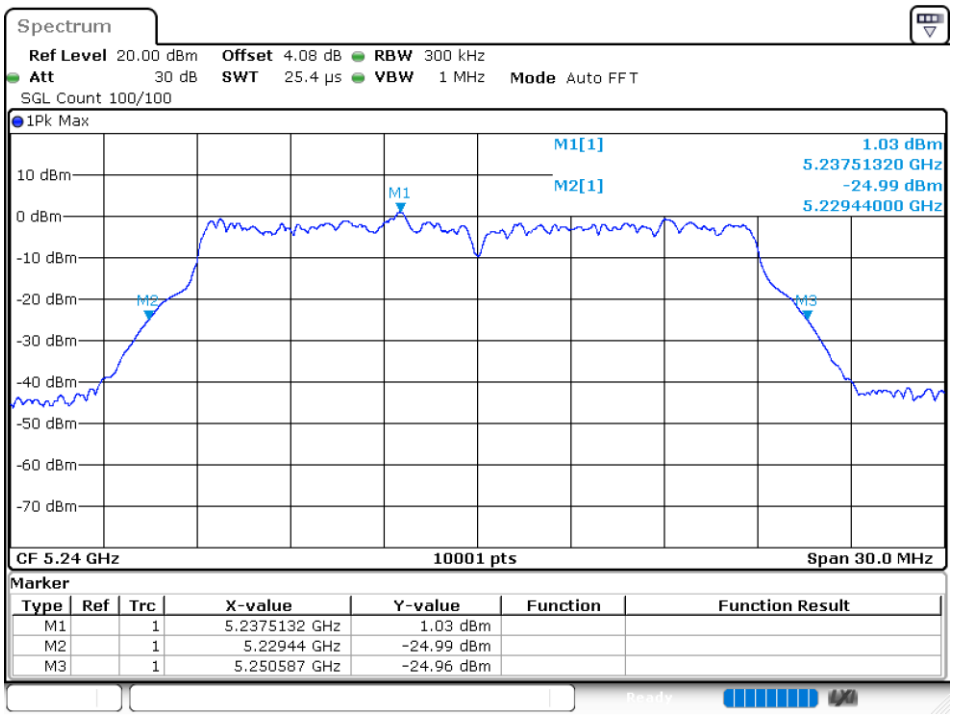
-26dB Bandwidth NVNT ac20 5180MHz Ant2



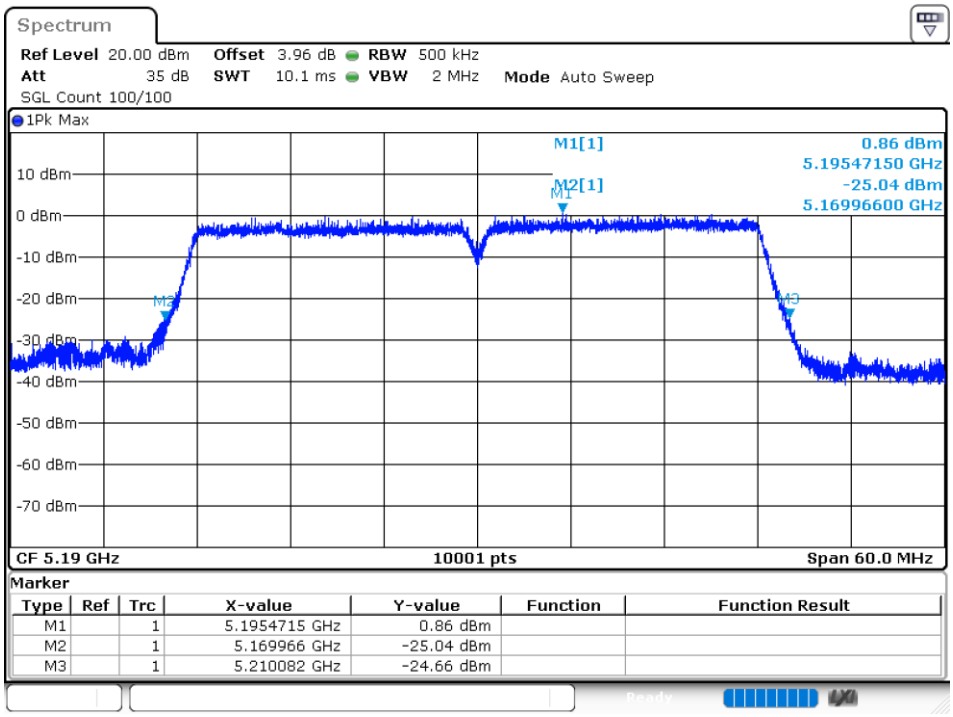
-26dB Bandwidth NVNT ac20 5200MHz Ant2



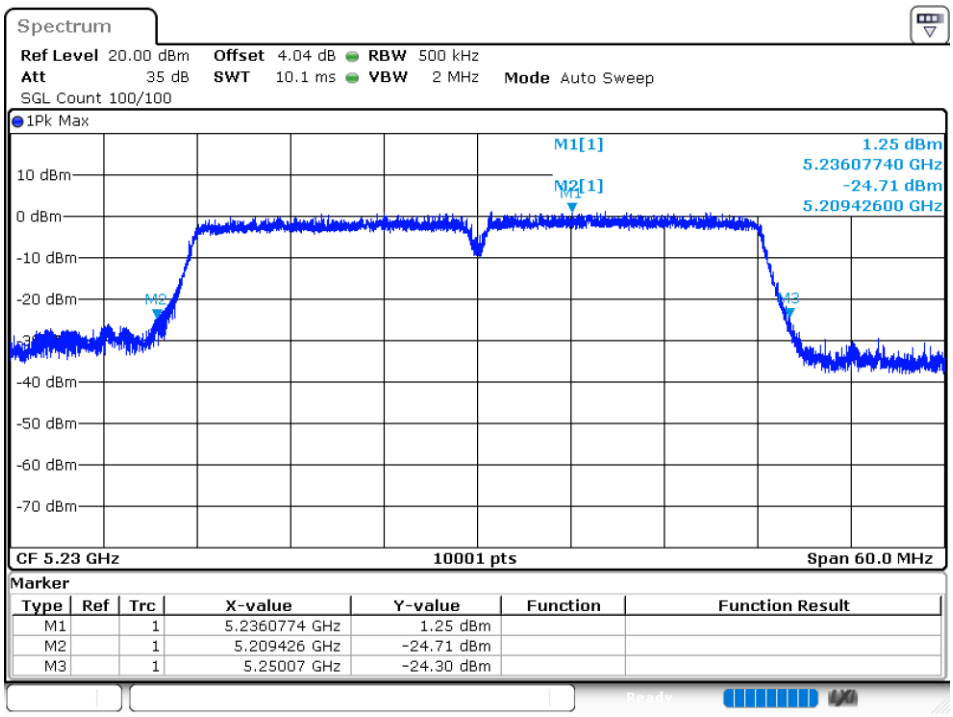
-26dB Bandwidth NVNT ac20 5240MHz Ant2



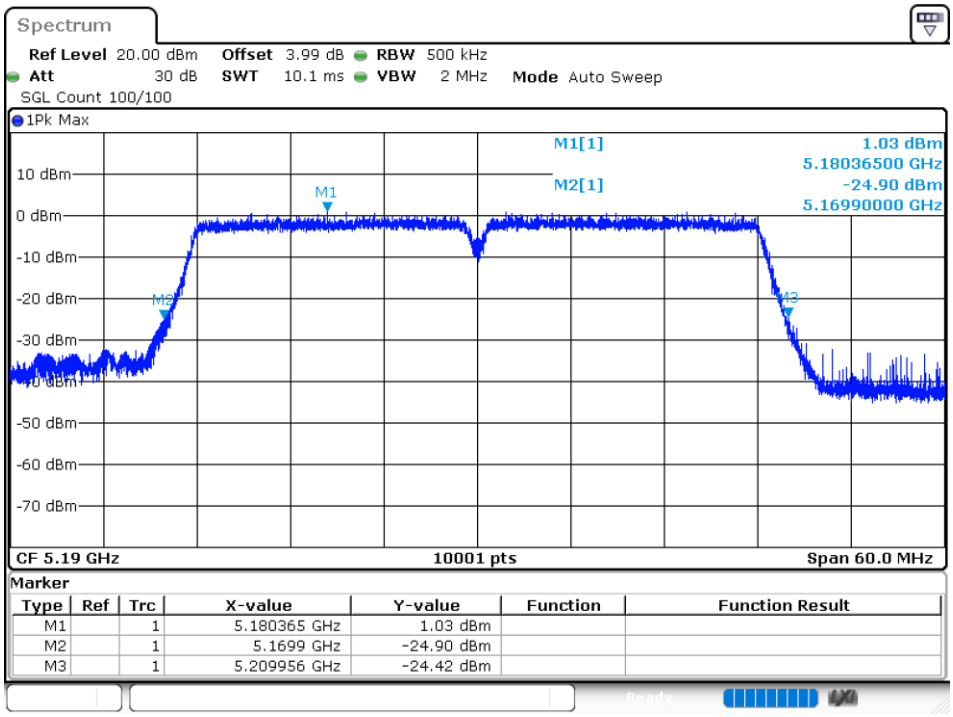
-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant2