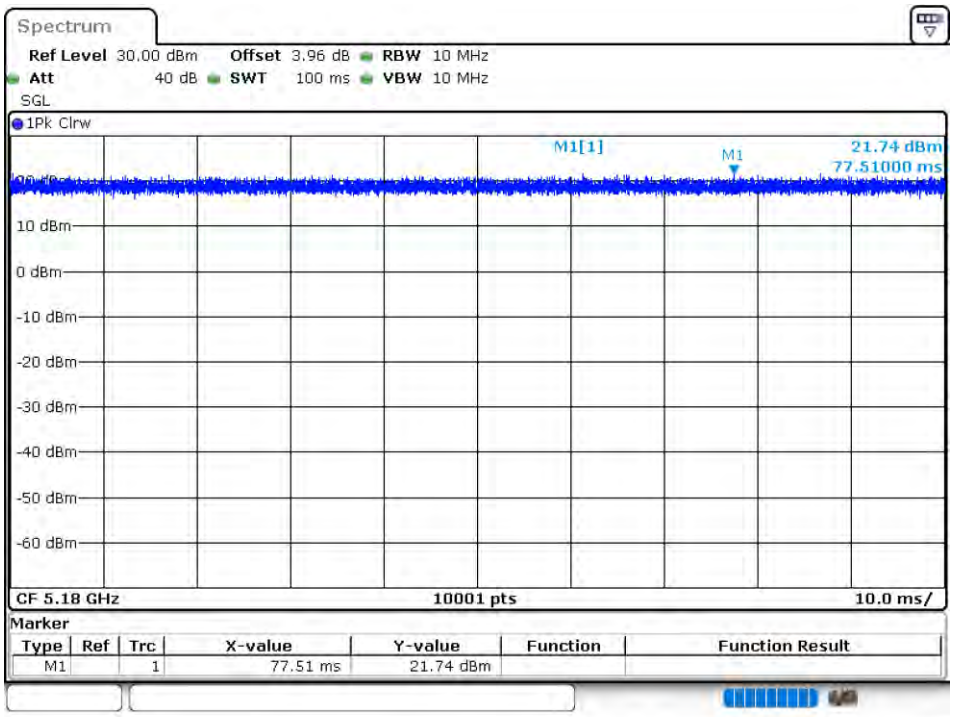
5.2G:

Duty Cycle

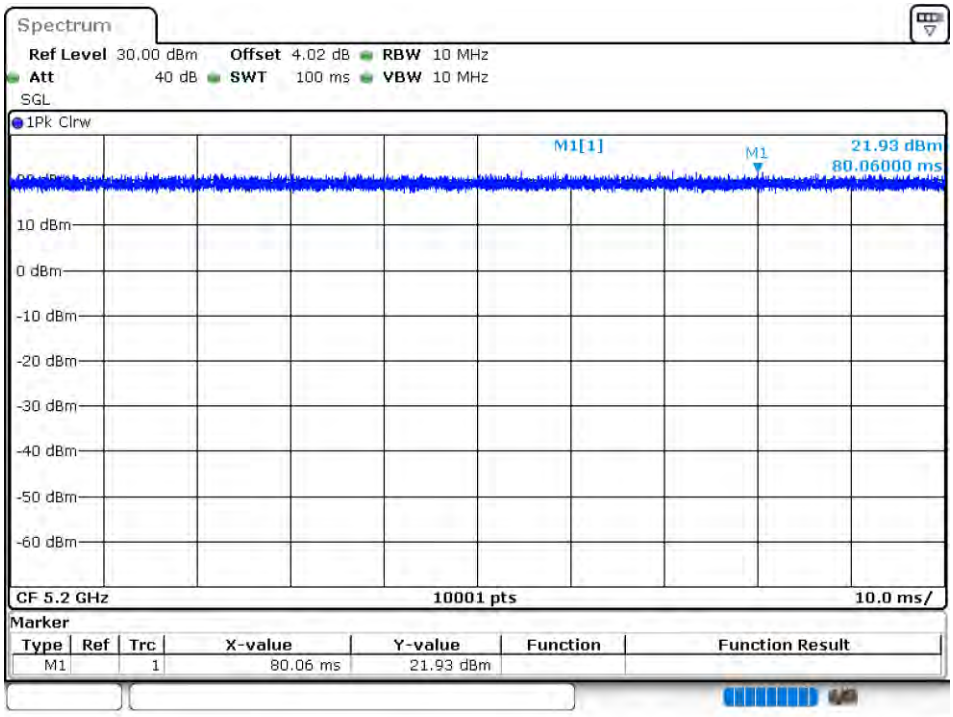
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
NVNT	a	5200	Ant1	100	0	0
NVNT	a	5240	Ant1	100	0	0
NVNT	a	5180	Ant2	100	0	0
NVNT	a	5200	Ant2	100	0	0
NVNT	a	5240	Ant2	100	0	0
NVNT	n20	5180	Ant1	100	0	0
NVNT	n20	5200	Ant1	100	0	0
NVNT	n20	5240	Ant1	100	0	0
NVNT	n20	5180	Ant2	100	0	0
NVNT	n20	5200	Ant2	100	0	0
NVNT	n20	5240	Ant2	100	0	0
NVNT	n40	5190	Ant1	100	0	0
NVNT	n40	5230	Ant1	100	0	0
NVNT	n40	5190	Ant2	100	0	0
NVNT	n40	5230	Ant2	100	0	0
NVNT	ac20	5180	Ant1	100	0	0
NVNT	ac20	5200	Ant1	100	0	0
NVNT	ac20	5240	Ant1	100	0	0
NVNT	ac20	5180	Ant2	100	0	0
NVNT	ac20	5200	Ant2	100	0	0
NVNT	ac20	5240	Ant2	100	0	0
NVNT	ac40	5190	Ant1	100	0	0
NVNT	ac40	5230	Ant1	100	0	0
NVNT	ac40	5190	Ant2	100	0	0
NVNT	ac40	5230	Ant2	100	0	0
NVNT	ac80	5210	Ant1	100	0	0
NVNT	ac80	5210	Ant2	100	0	0
NVNT	ax20	5180	Ant1	100	0	0
NVNT	ax20	5200	Ant1	100	0	0
NVNT	ax20	5240	Ant1	100	0	0
NVNT	ax20	5180	Ant2	100	0	0
NVNT	ax20	5200	Ant2	100	0	0
NVNT	ax20	5240	Ant2	100	0	0
NVNT	ax40	5190	Ant1	100	0	0
NVNT	ax40	5230	Ant1	100	0	0

NVNT	ax40	5190	Ant2	100	0	0
NVNT	ax40	5230	Ant2	100	0	0
NVNT	ax80	5210	Ant1	100	0	0
NVNT	ax80	5210	Ant2	100	0	0

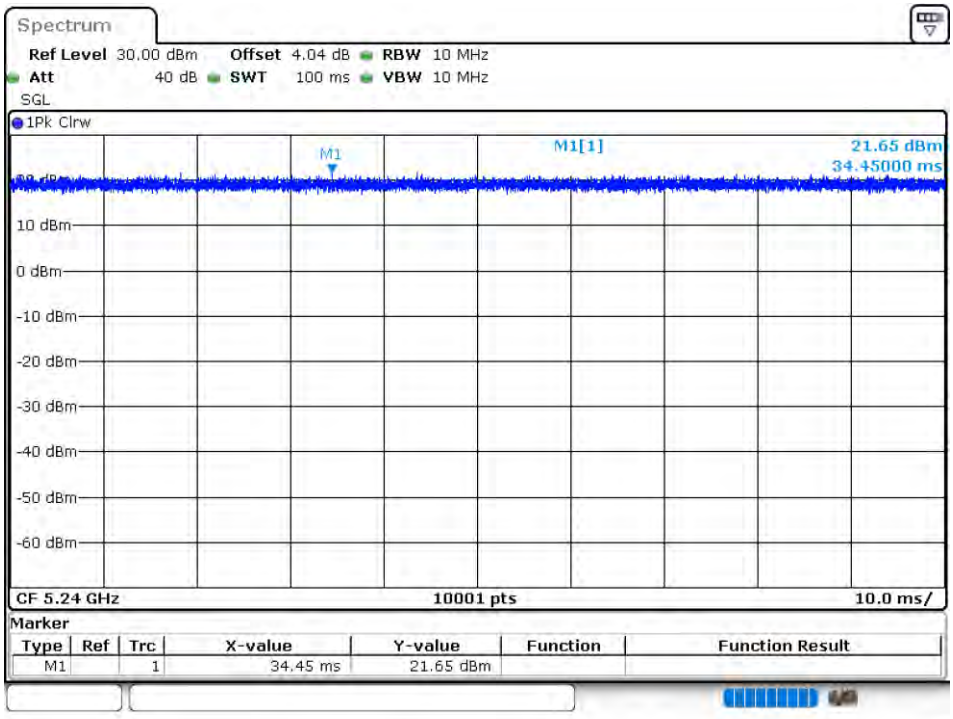
Test Graphs
Duty Cycle NVNT a 5180MHz Ant1



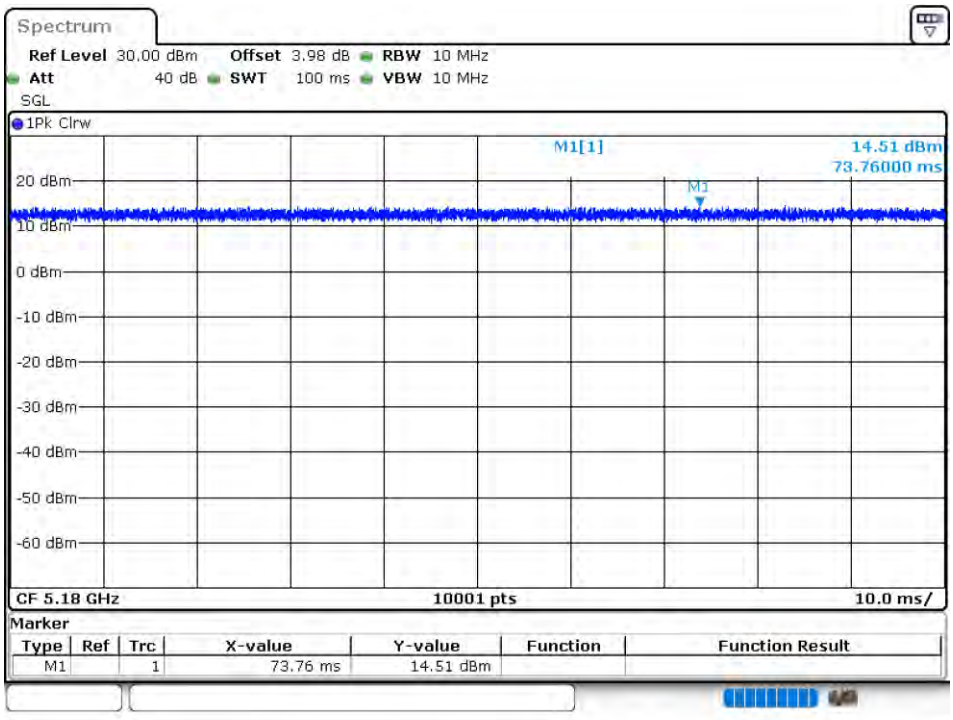
Duty Cycle NVNT a 5200MHz Ant1



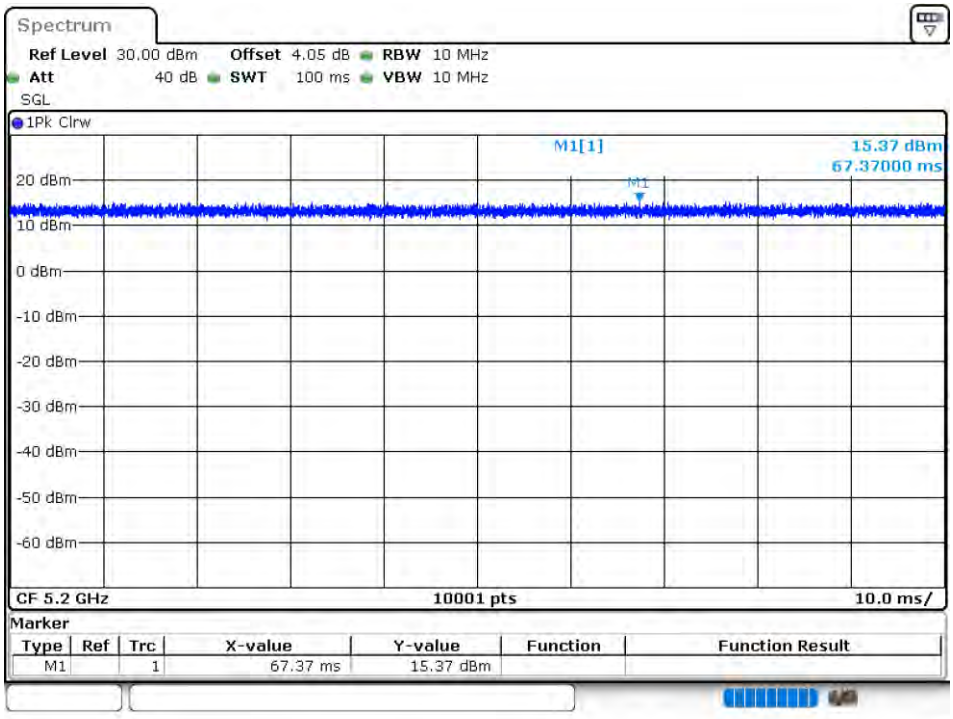
Duty Cycle NVNT a 5240MHz Ant1



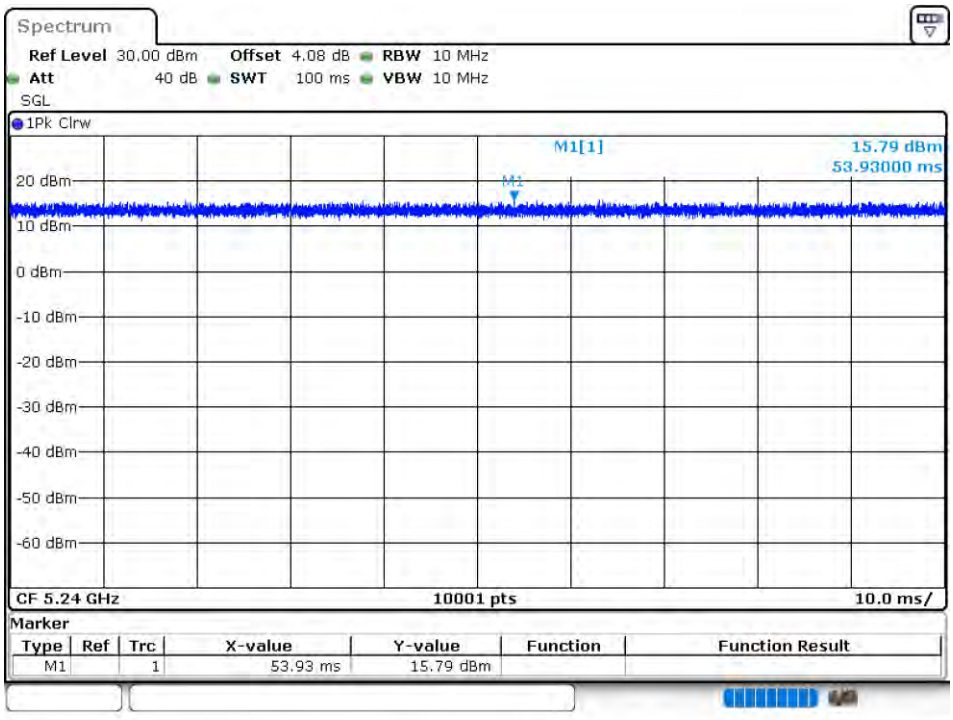
Duty Cycle NVNT a 5180MHz Ant2



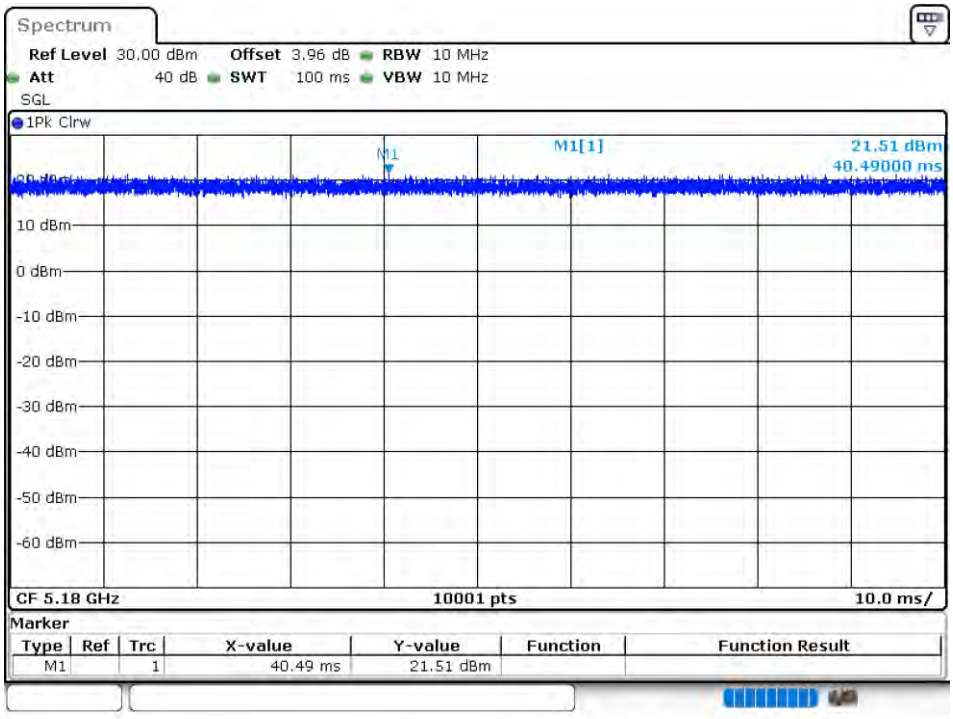
Duty Cycle NVNT a 5200MHz Ant2



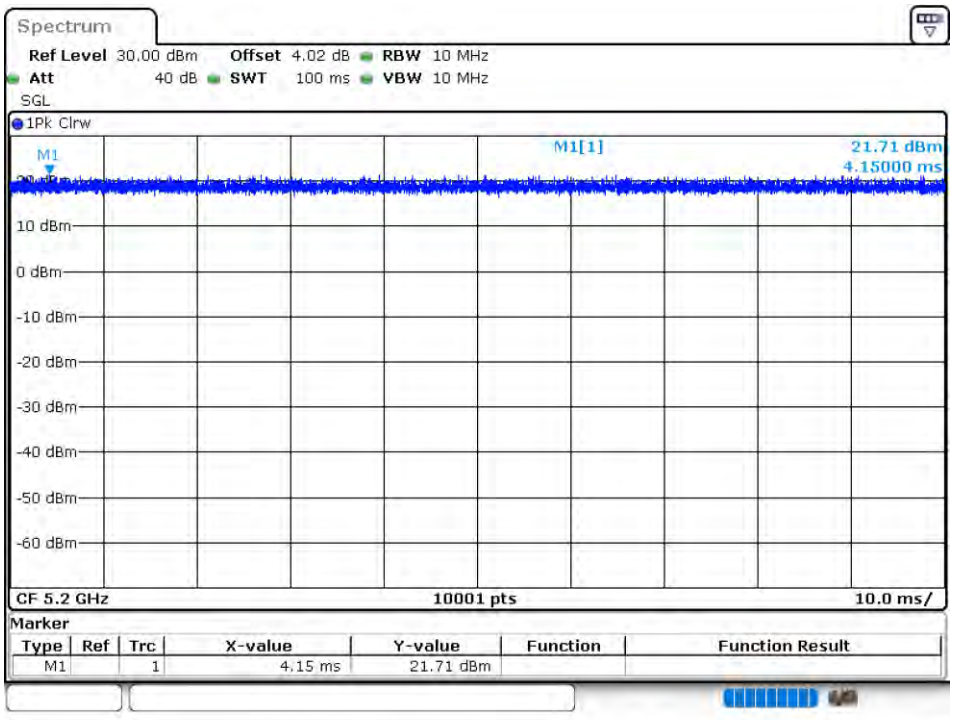
Duty Cycle NVNT a 5240MHz Ant2



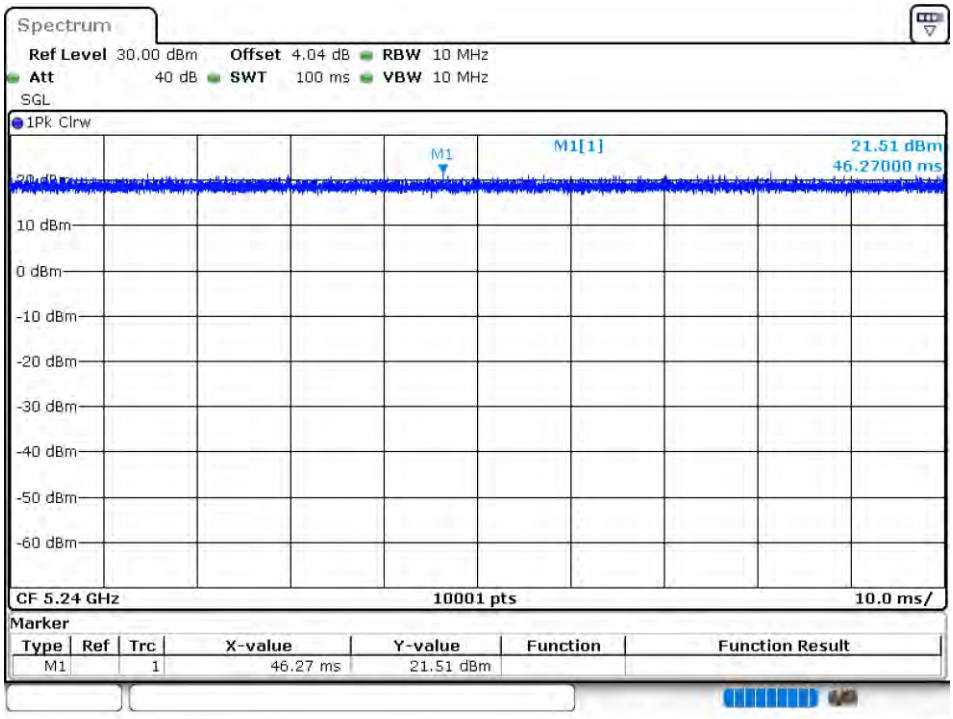
Duty Cycle NVNT n20 5180MHz Ant1



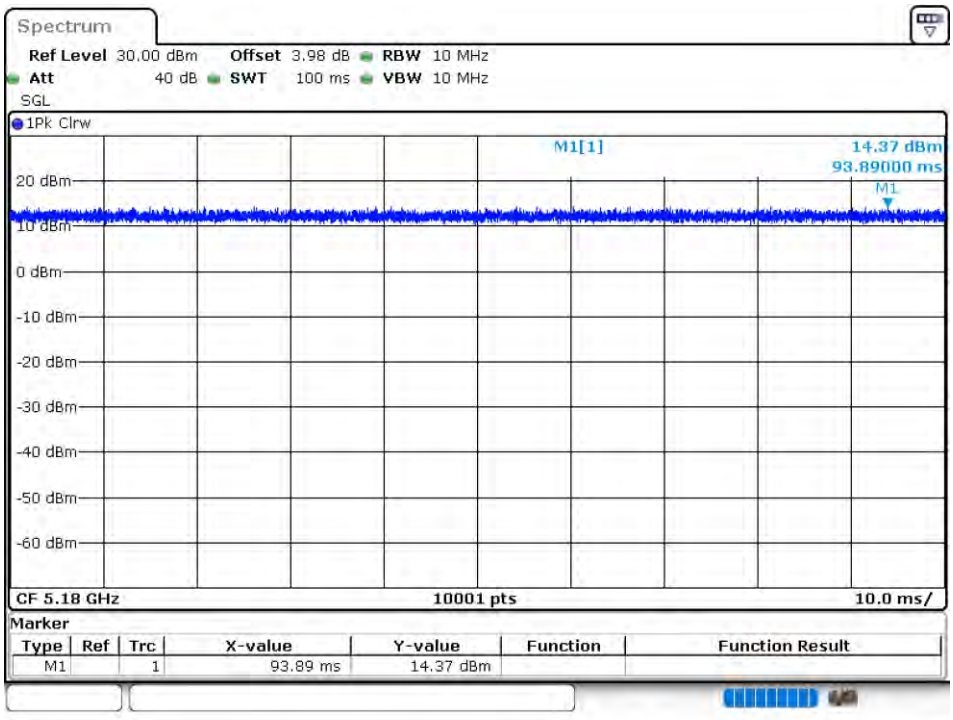
Duty Cycle NVNT n20 5200MHz Ant1



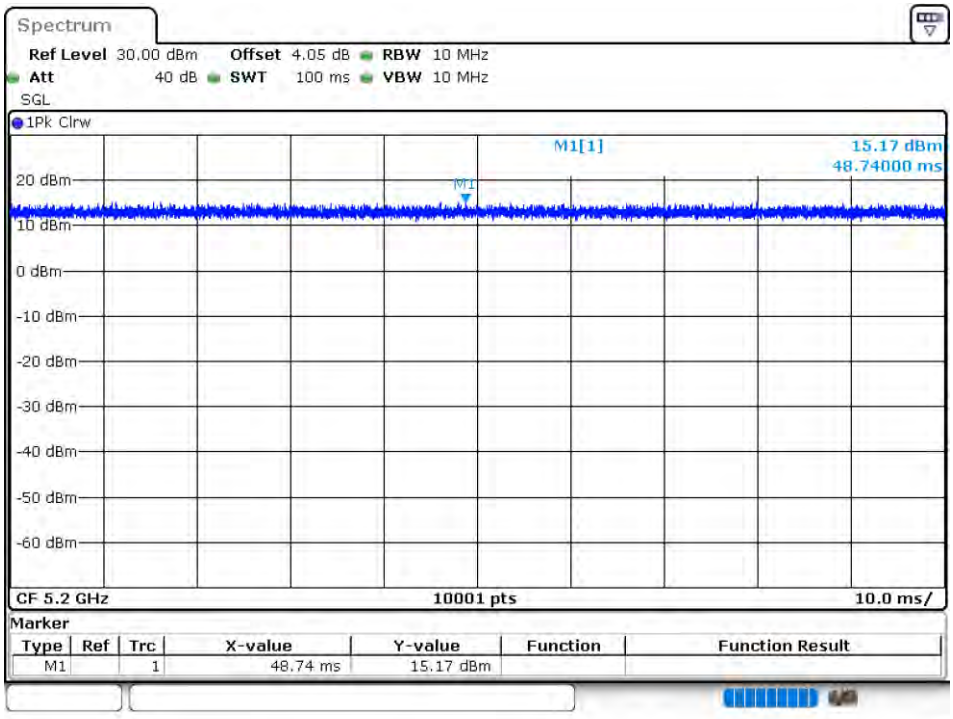
Duty Cycle NVNT n20 5240MHz Ant1



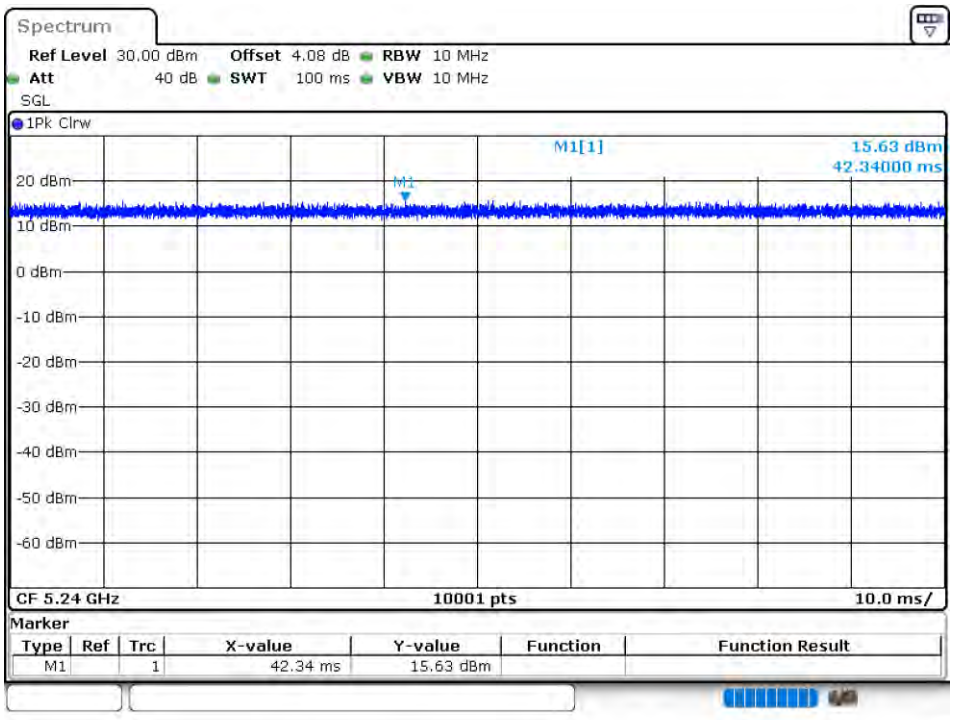
Duty Cycle NVNT n20 5180MHz Ant2



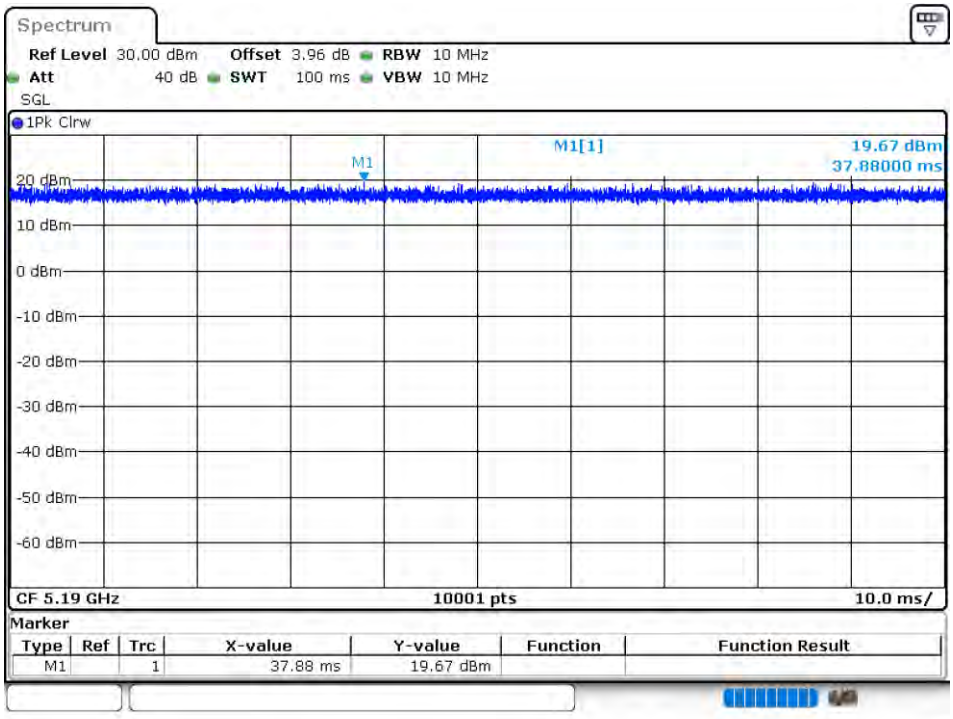
Duty Cycle NVNT n20 5200MHz Ant2



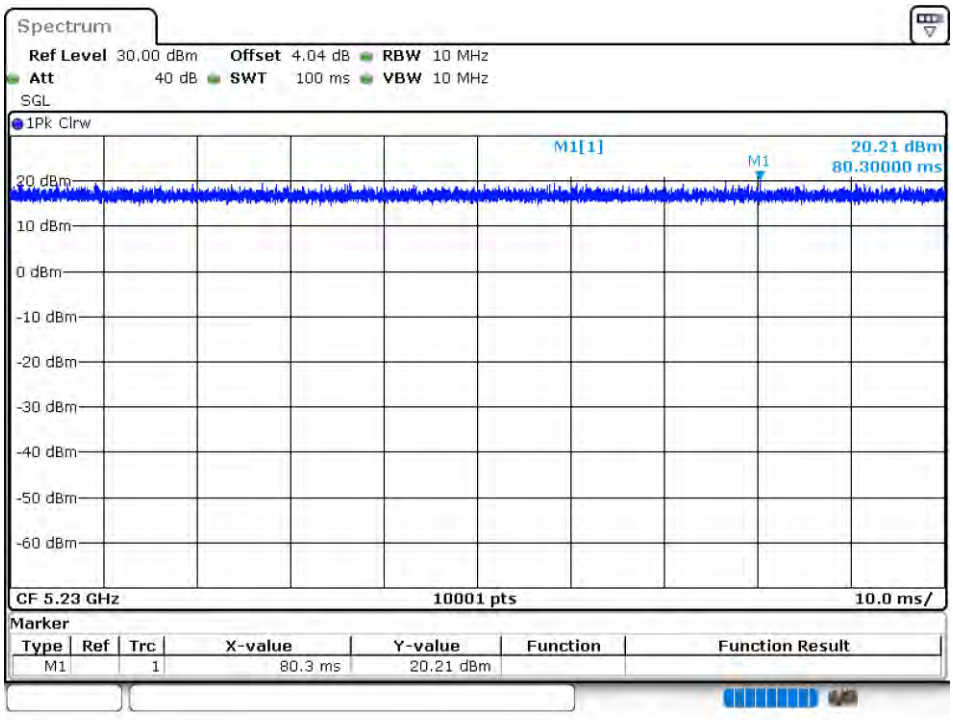
Duty Cycle NVNT n20 5240MHz Ant2



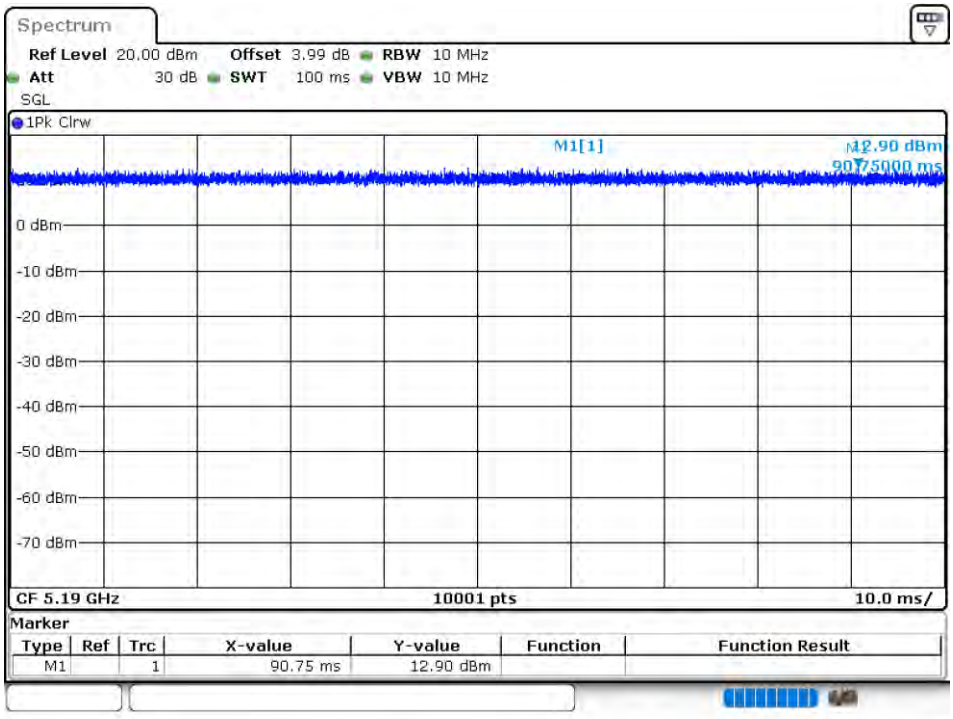
Duty Cycle NVNT n40 5190MHz Ant1



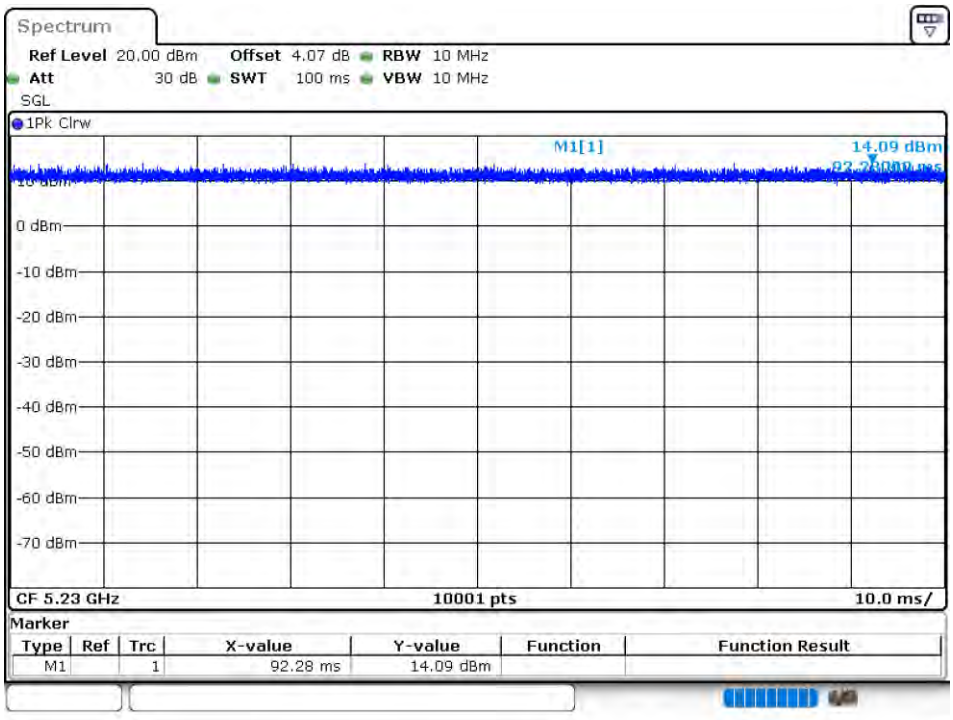
Duty Cycle NVNT n40 5230MHz Ant1



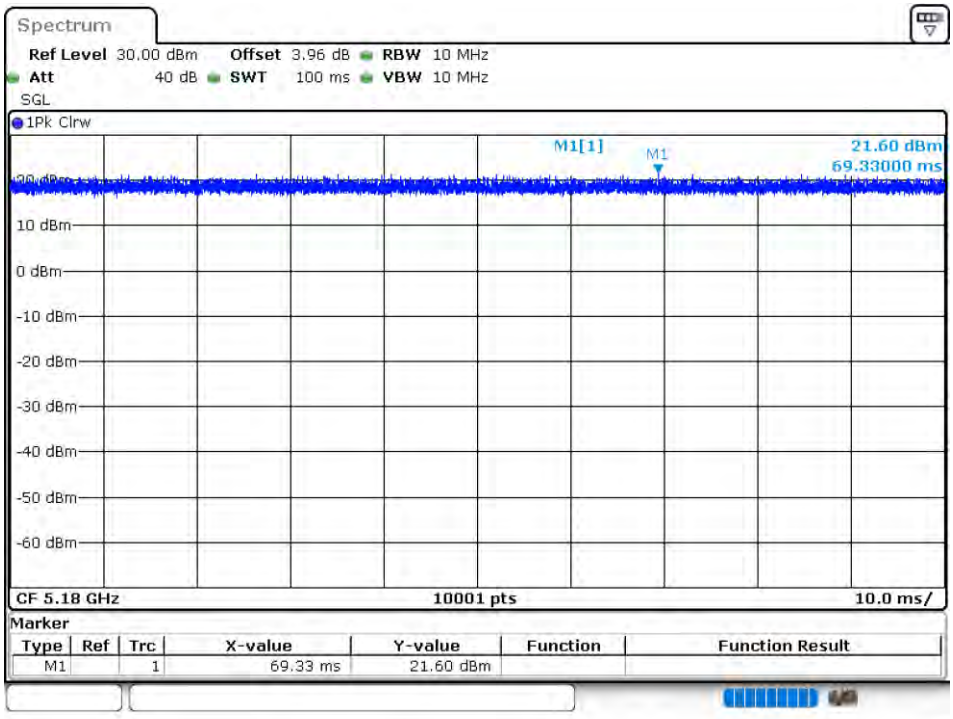
Duty Cycle NVNT n40 5190MHz Ant2



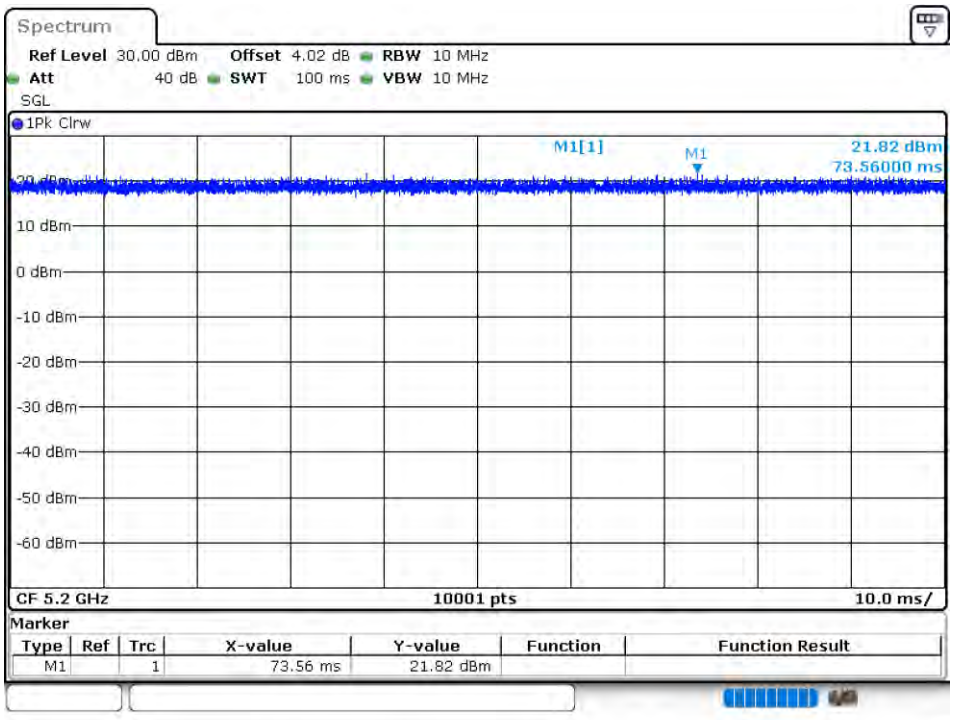
Duty Cycle NVNT n40 5230MHz Ant2



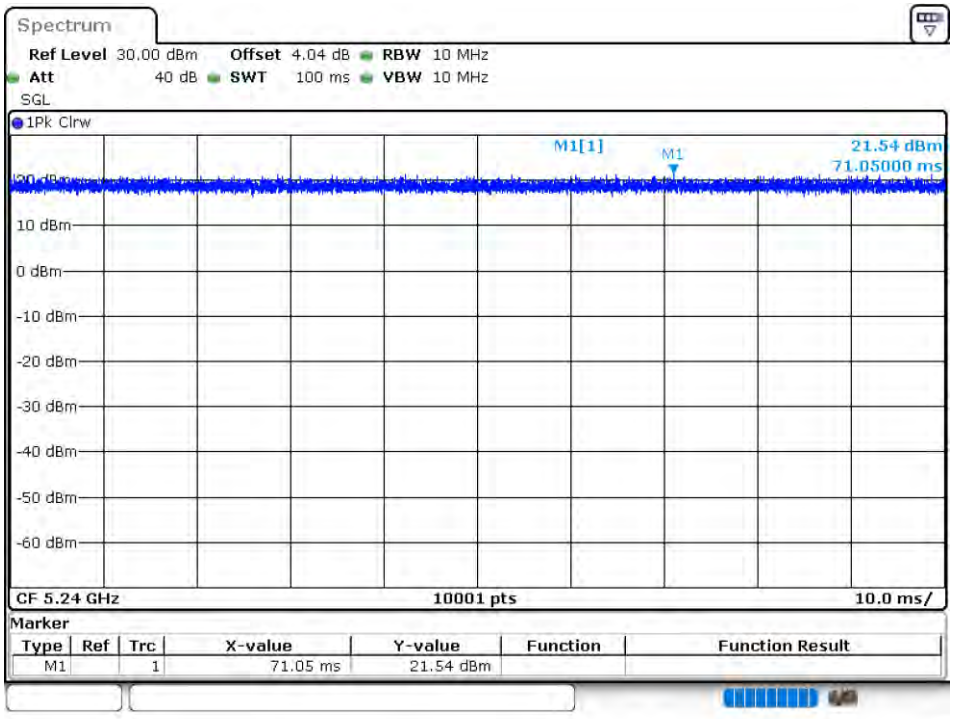
Duty Cycle NVNT ac20 5180MHz Ant1



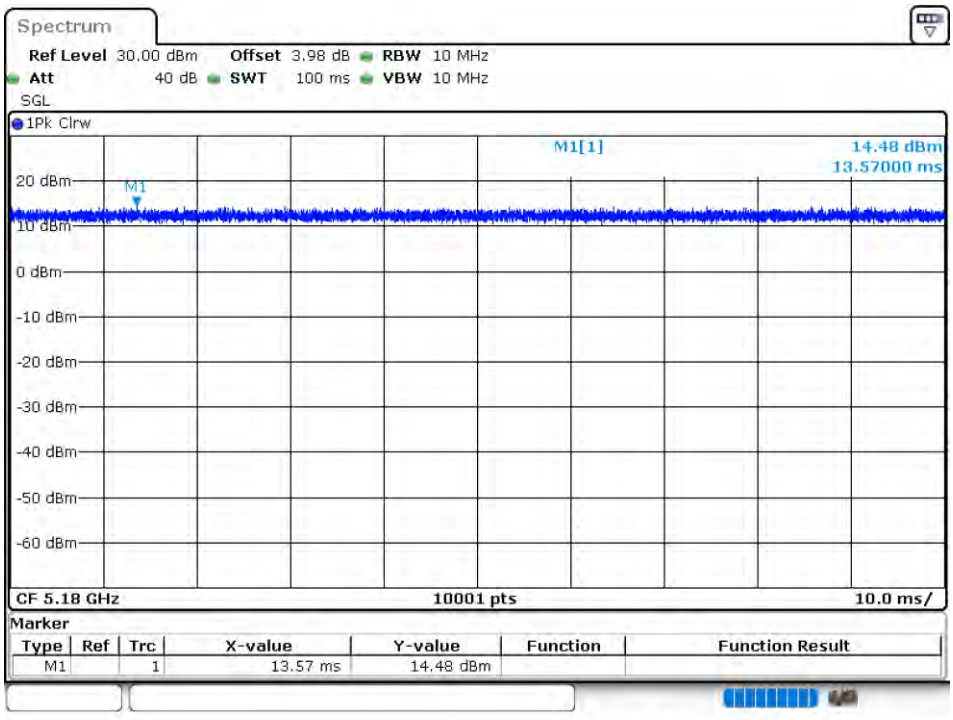
Duty Cycle NVNT ac20 5200MHz Ant1



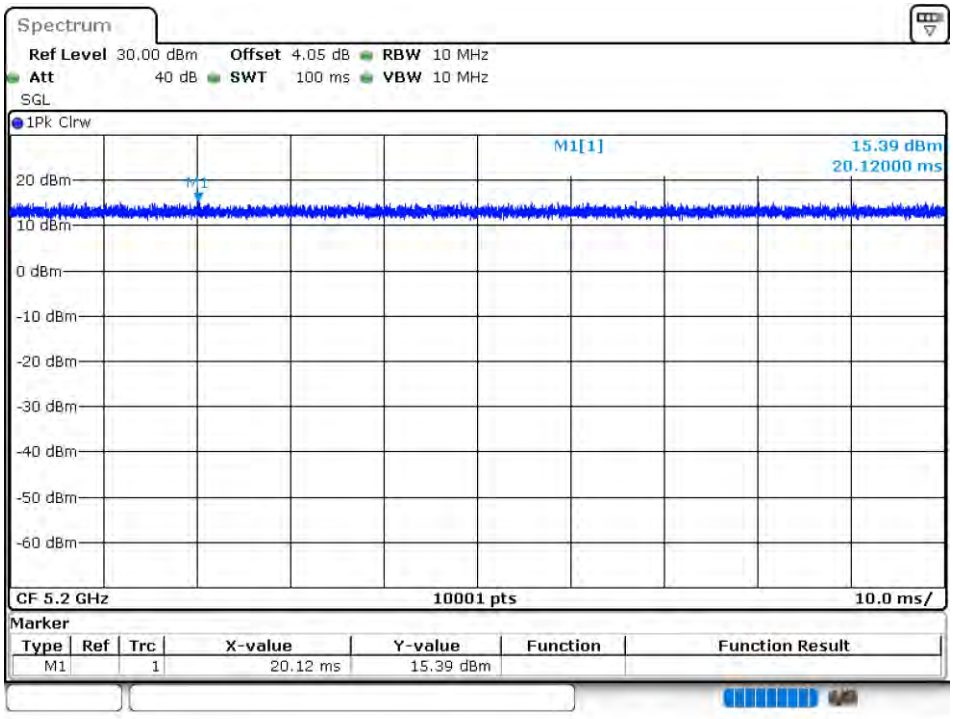
Duty Cycle NVNT ac20 5240MHz Ant1



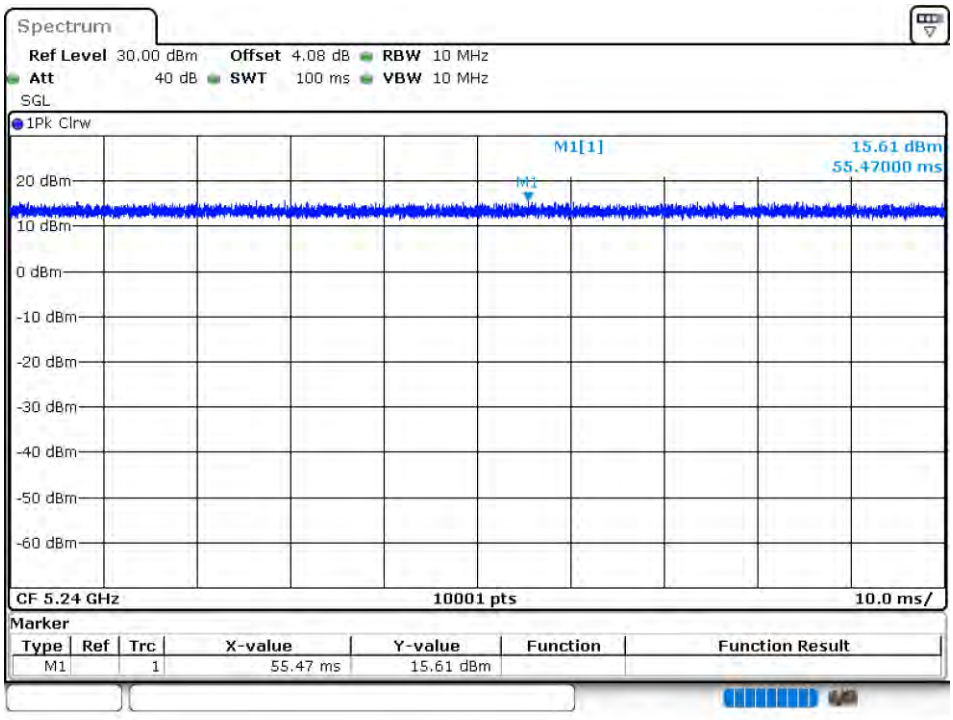
Duty Cycle NVNT ac20 5180MHz Ant2



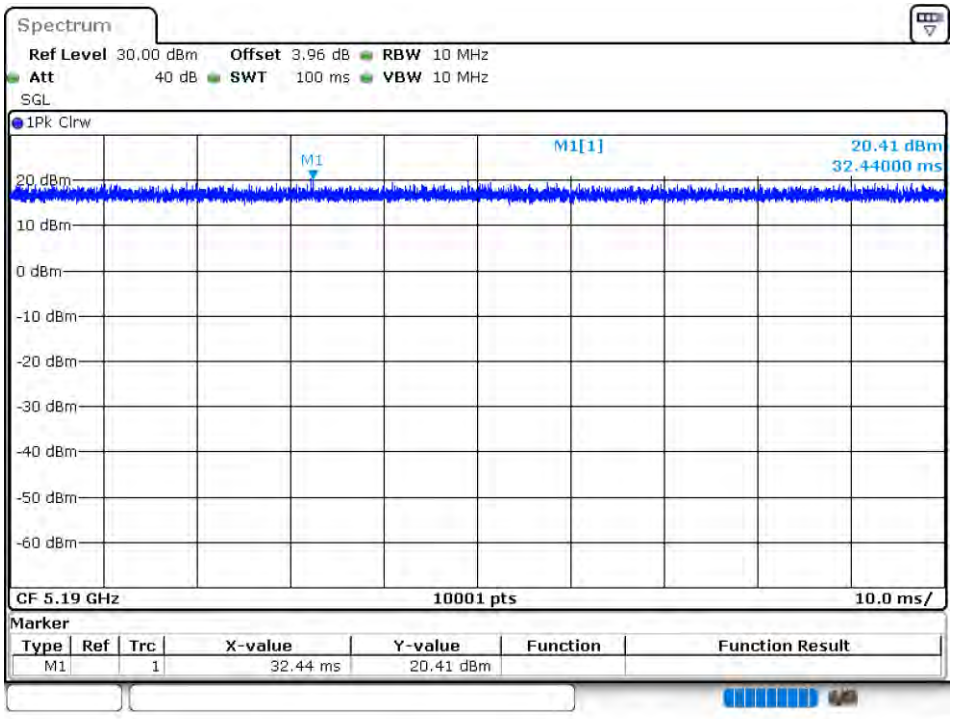
Duty Cycle NVNT ac20 5200MHz Ant2



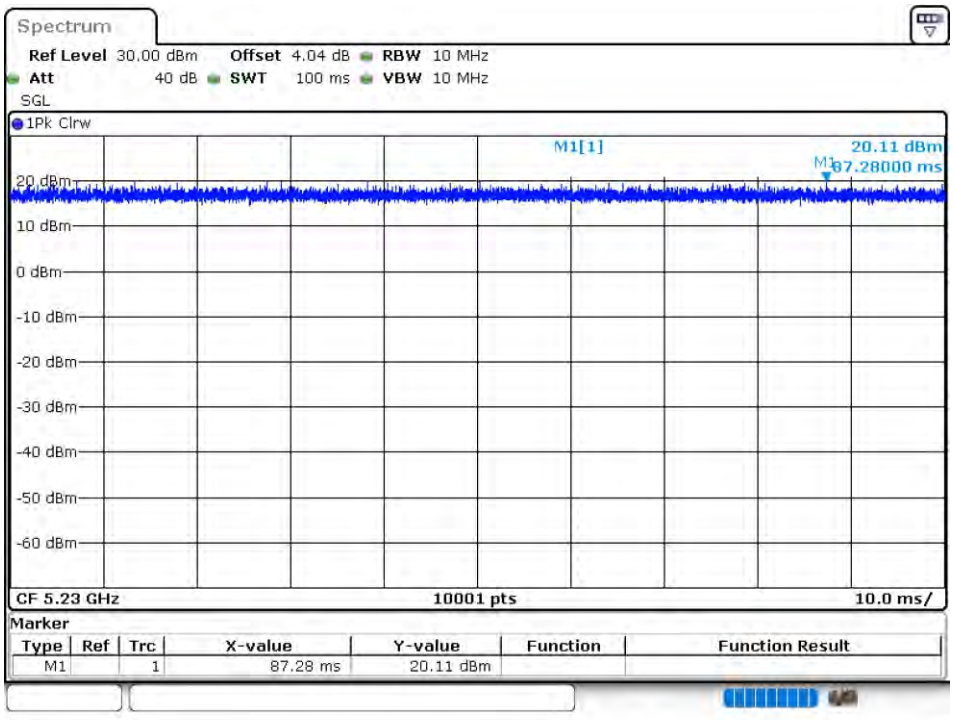
Duty Cycle NVNT ac20 5240MHz Ant2



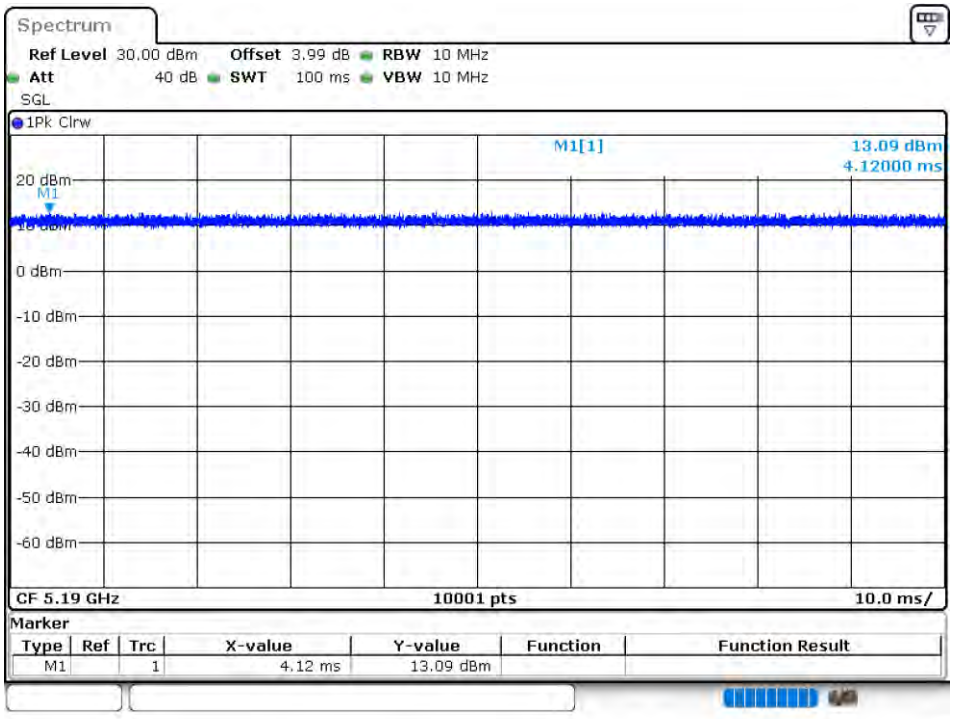
Duty Cycle NVNT ac40 5190MHz Ant1



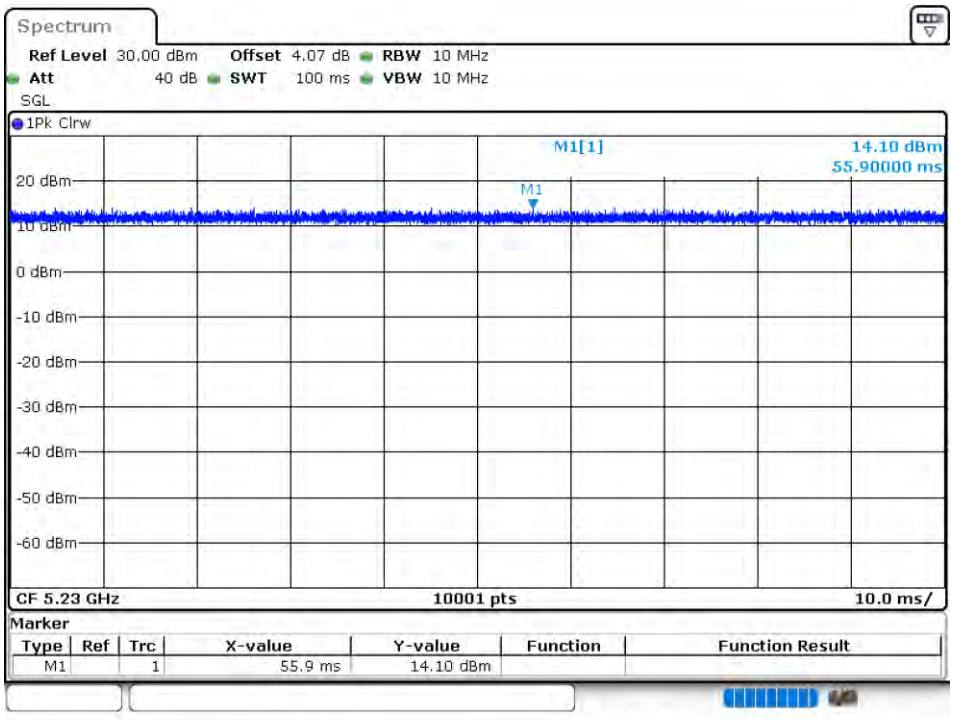
Duty Cycle NVNT ac40 5230MHz Ant1



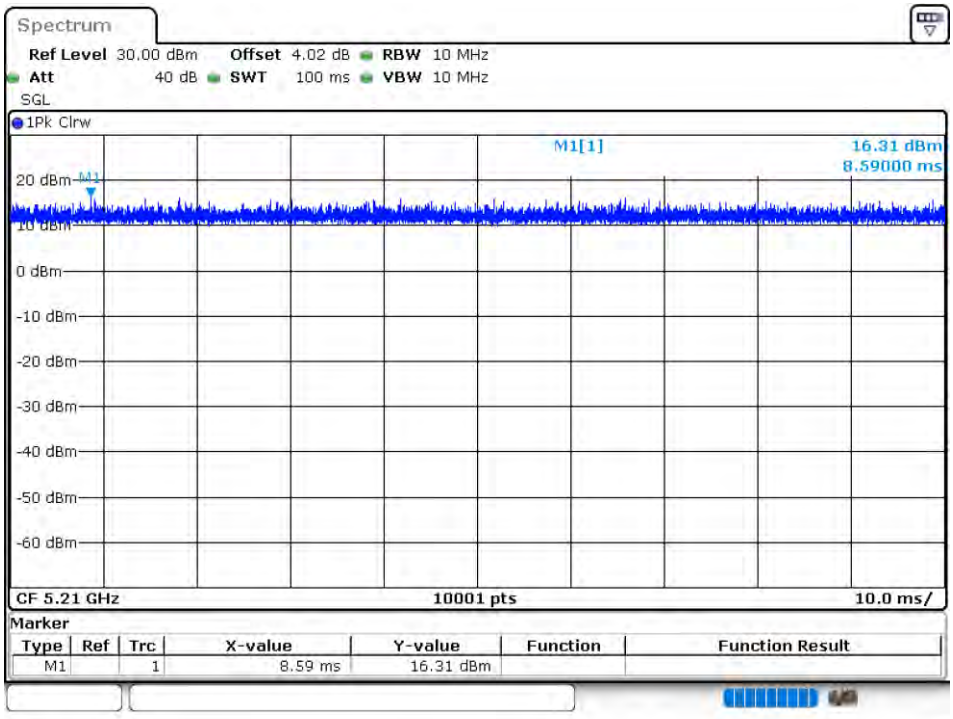
Duty Cycle NVNT ac40 5190MHz Ant2



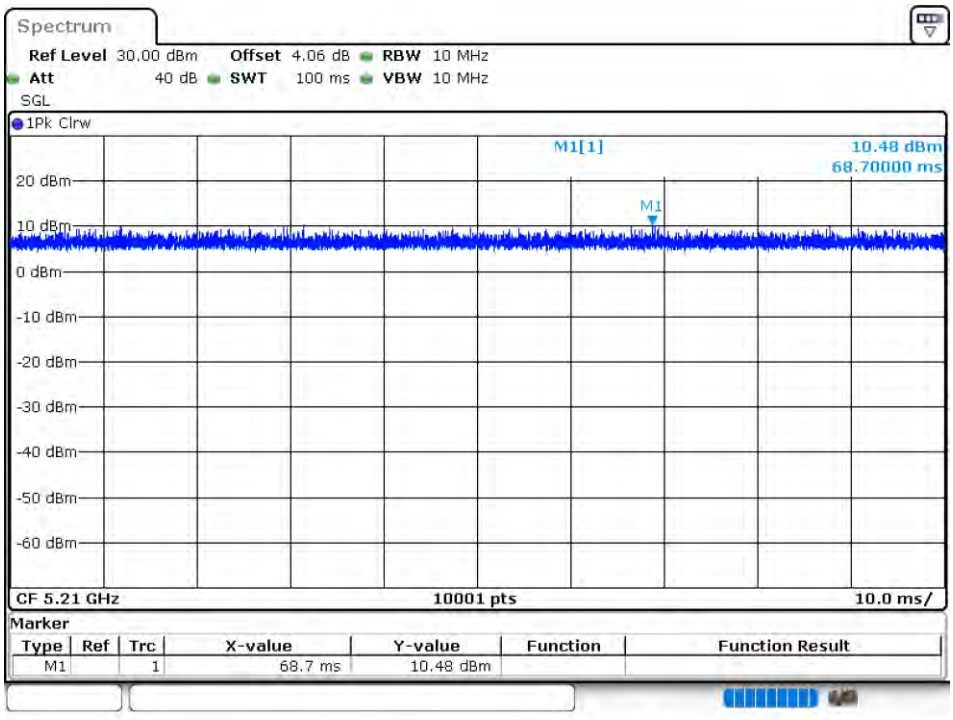
Duty Cycle NVNT ac40 5230MHz Ant2



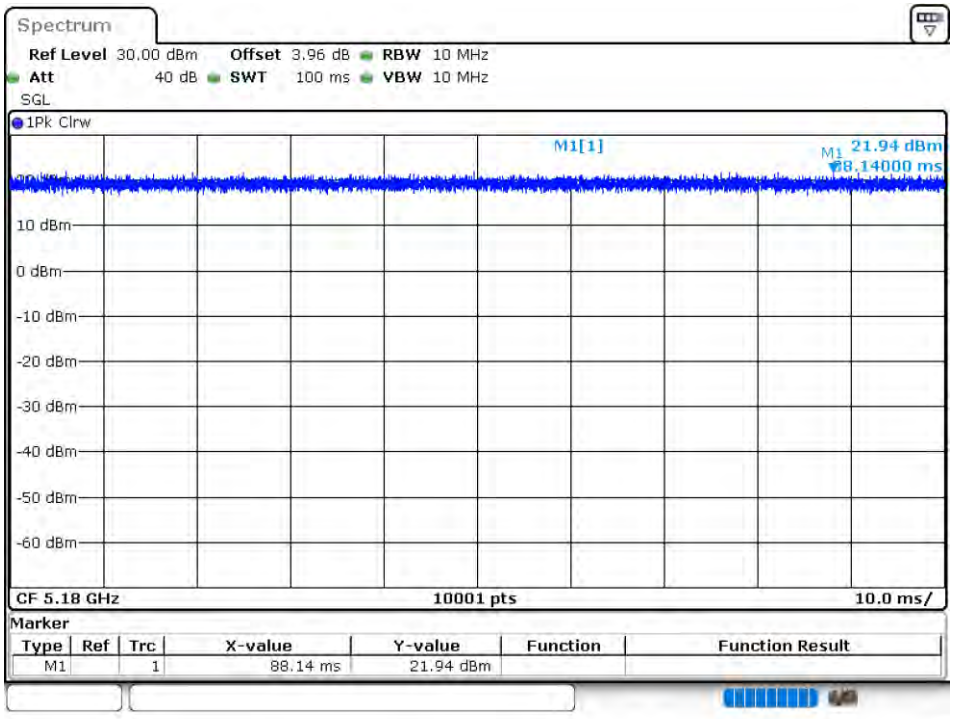
Duty Cycle NVNT ac80 5210MHz Ant1



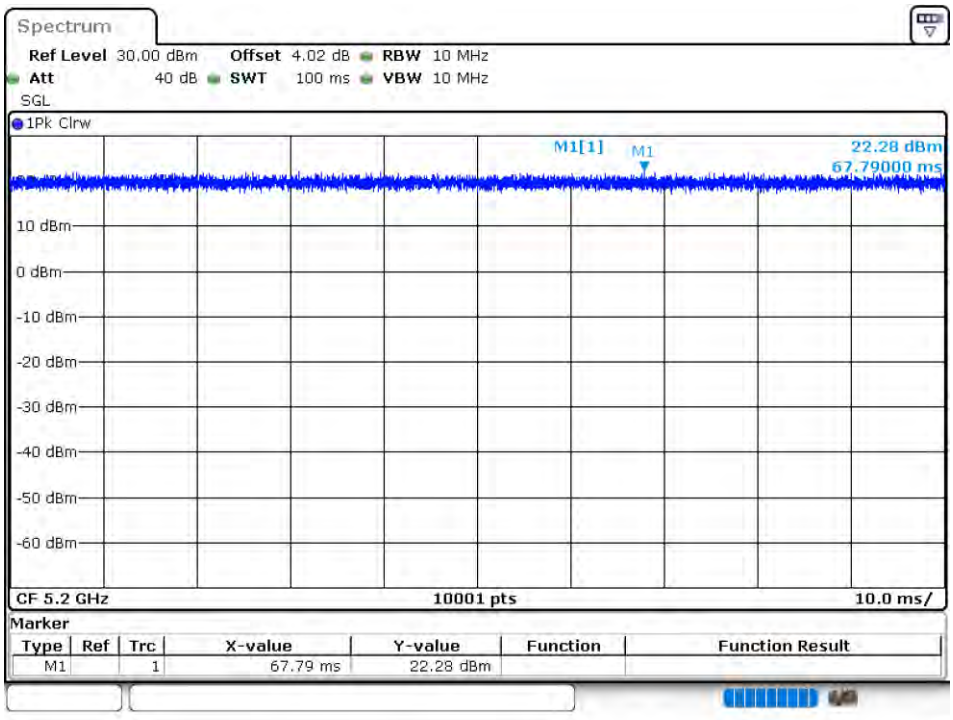
Duty Cycle NVNT ac80 5210MHz Ant2



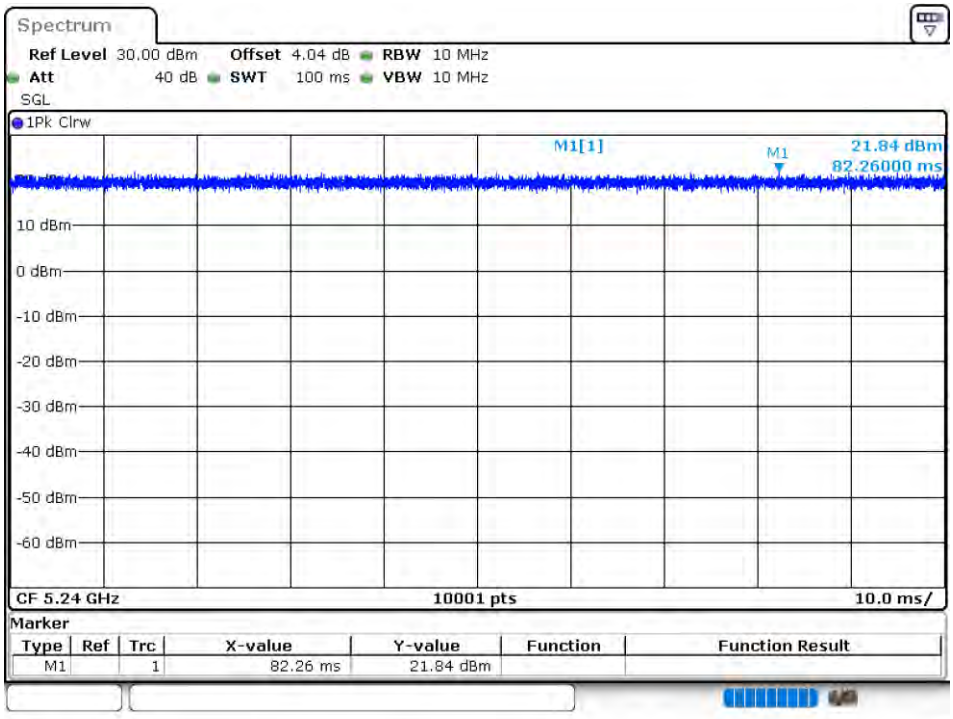
Duty Cycle NVNT ax20 5180MHz Ant1



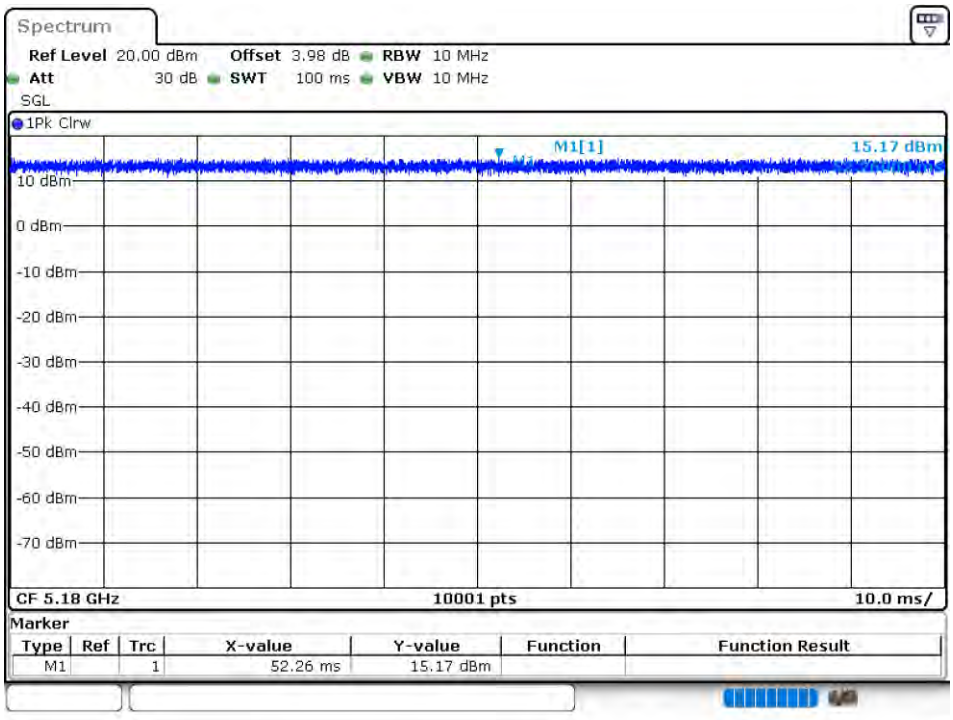
Duty Cycle NVNT ax20 5200MHz Ant1



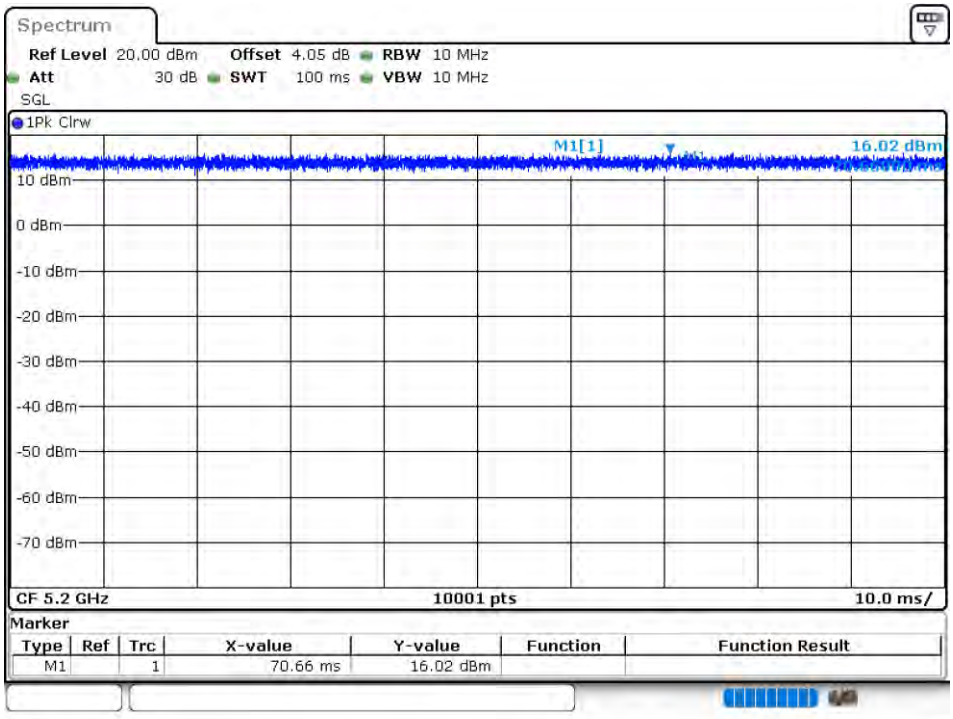
Duty Cycle NVNT ax20 5240MHz Ant1



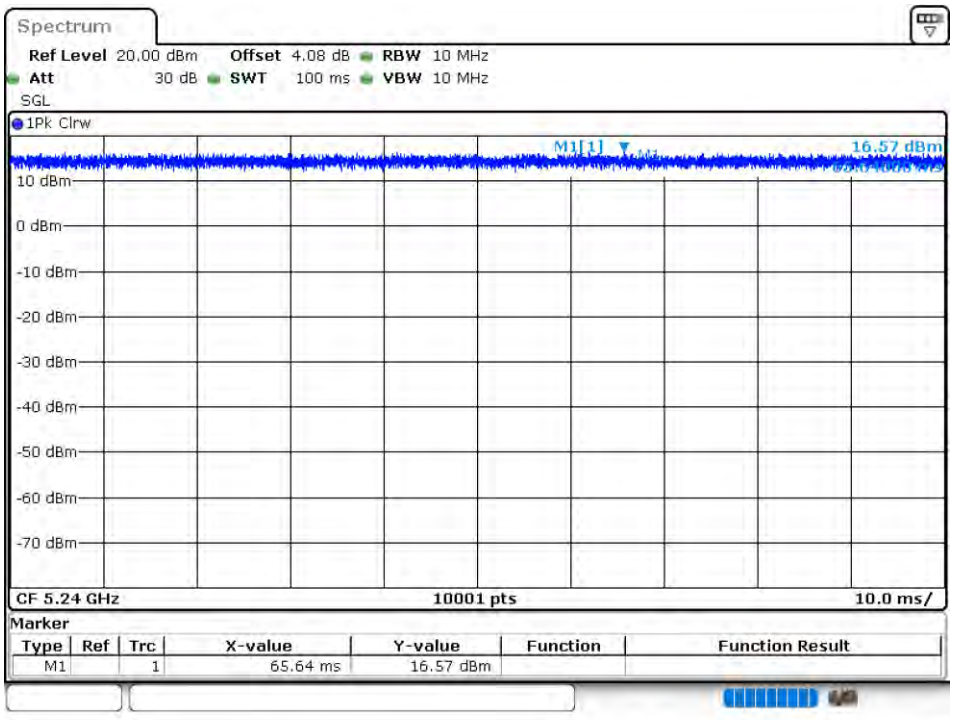
Duty Cycle NVNT ax20 5180MHz Ant2



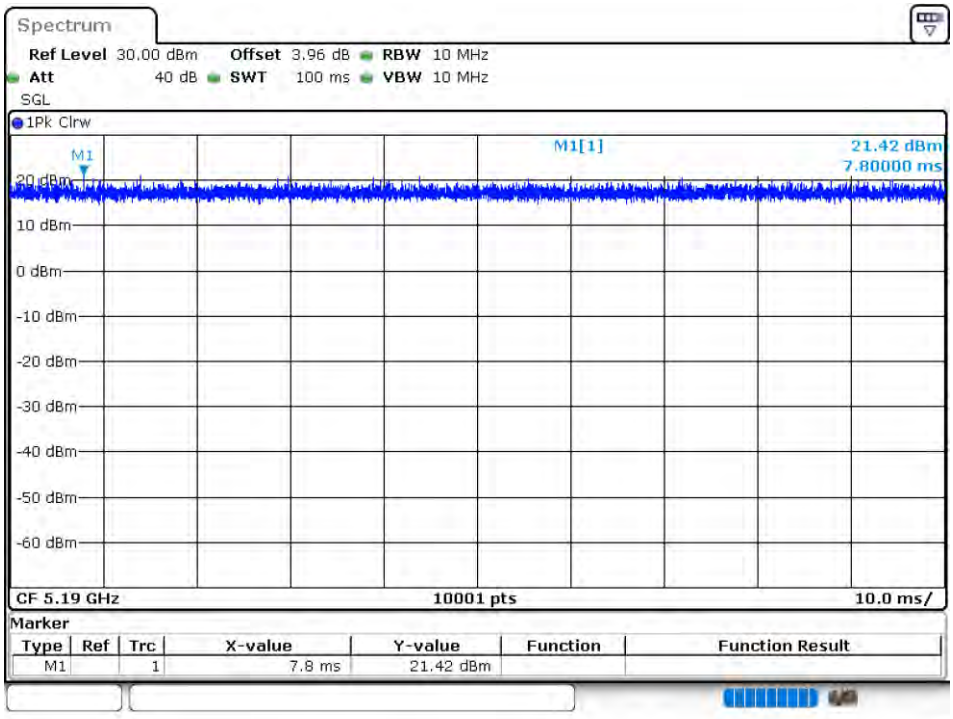
Duty Cycle NVNT ax20 5200MHz Ant2



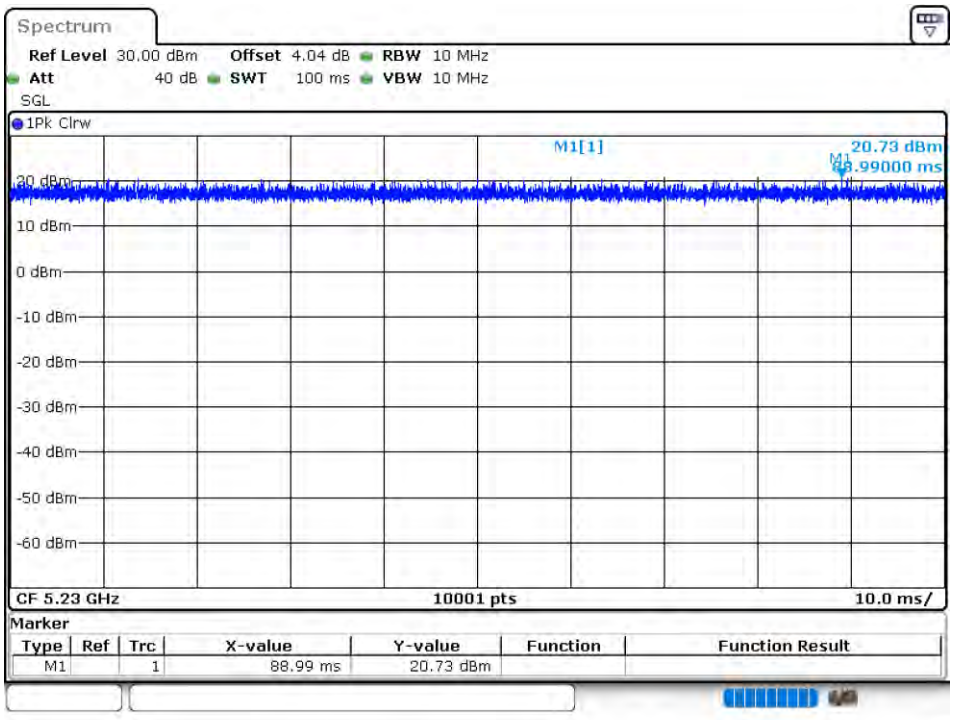
Duty Cycle NVNT ax20 5240MHz Ant2



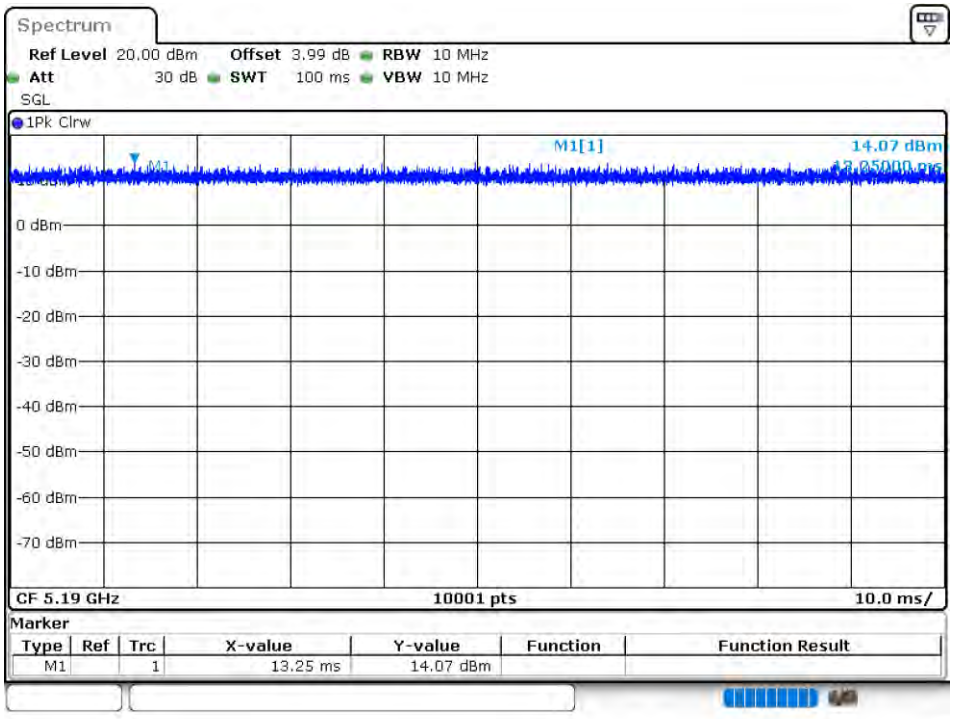
Duty Cycle NVNT ax40 5190MHz Ant1



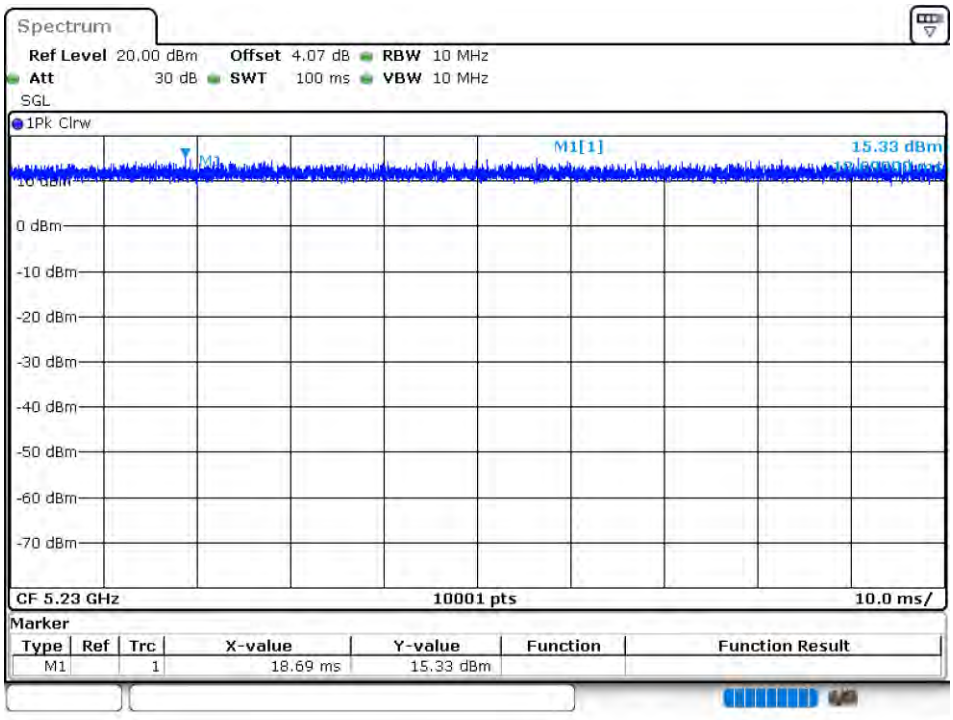
Duty Cycle NVNT ax40 5230MHz Ant1



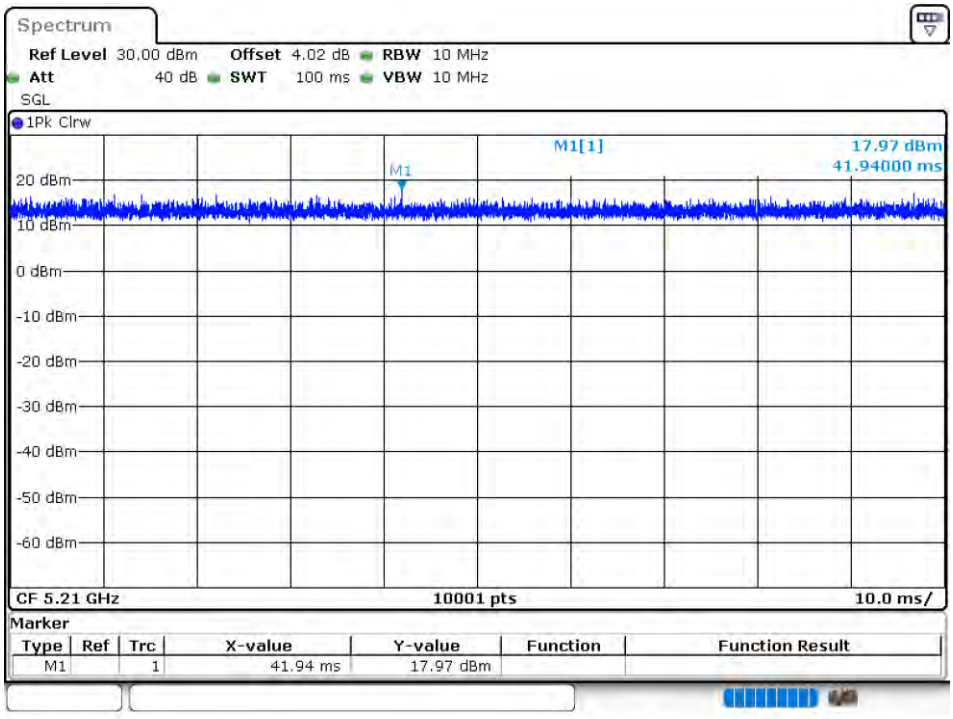
Duty Cycle NVNT ax40 5190MHz Ant2



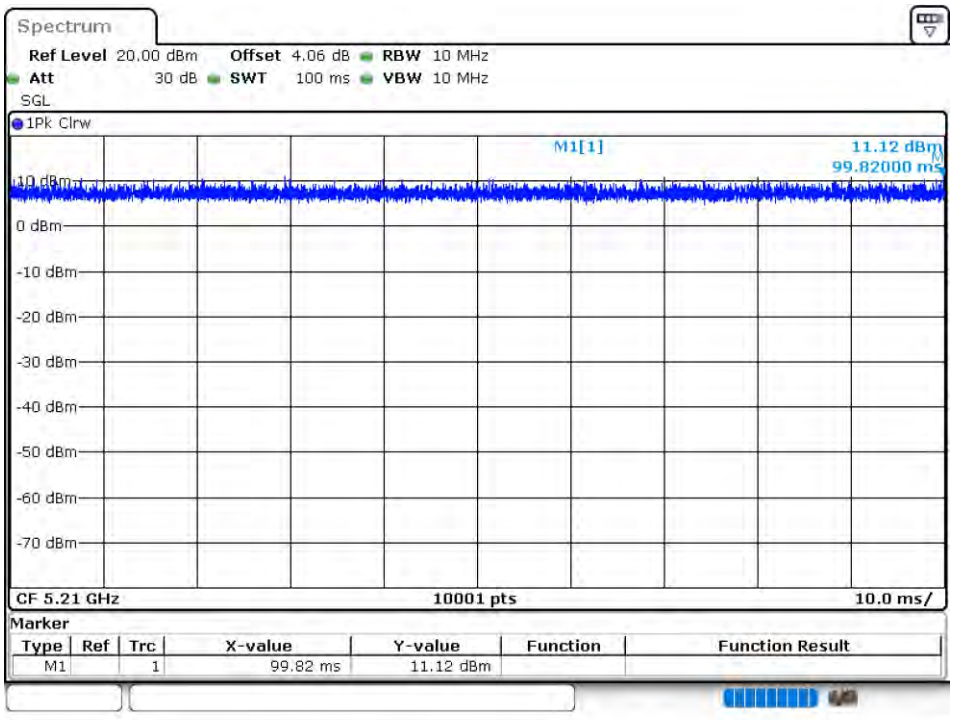
Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax80 5210MHz Ant2



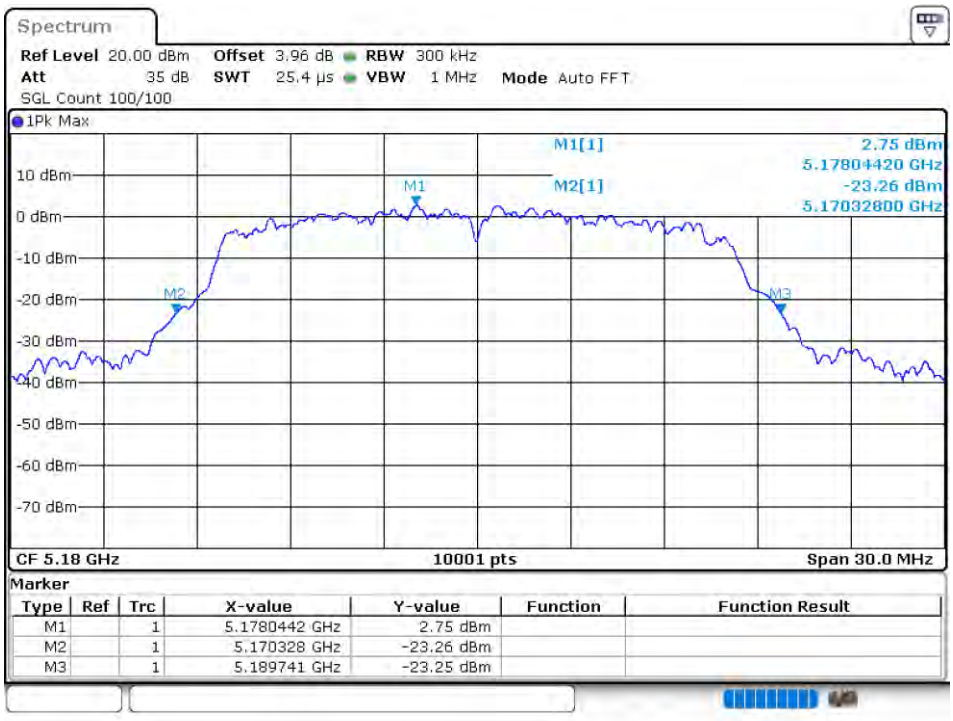
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVHT	a	5180	Ant1	11.79	0	11.79	24	Pass
NVHT	a	5200	Ant1	12.01	0	12.01	24	Pass
NVHT	a	5240	Ant1	11.52	0	11.52	24	Pass
NVNT	a	5180	Ant2	10.86	0	10.86	24	Pass
NVNT	a	5200	Ant2	10.43	0	10.43	24	Pass
NVNT	a	5240	Ant2	10.07	0	10.07	24	Pass
NVHT	n20	5180	Ant1	11.58	0	11.58	24	Pass
NVHT	n20	5200	Ant1	11.93	0	11.93	24	Pass
NVHT	n20	5240	Ant1	11.26	0	11.26	24	Pass
NVNT	n20	5180	Ant2	10.6	0	10.6	24	Pass
NVNT	n20	5200	Ant2	10.31	0	10.31	24	Pass
NVNT	n20	5240	Ant2	9.99	0	9.99	24	Pass
NVHT	n40	5190	Ant1	12.18	0	12.18	24	Pass
NVHT	n40	5230	Ant1	11.94	0	11.94	24	Pass
NVNT	n40	5190	Ant2	10.84	0	10.84	24	Pass
NVNT	n40	5230	Ant2	10.42	0	10.42	24	Pass
NVHT	ac20	5180	Ant1	11.73	0	11.73	24	Pass
NVHT	ac20	5200	Ant1	11.92	0	11.92	24	Pass
NVHT	ac20	5240	Ant1	11.45	0	11.45	24	Pass
NVNT	ac20	5180	Ant2	10.78	0	10.78	24	Pass
NVNT	ac20	5200	Ant2	10.36	0	10.36	24	Pass
NVNT	ac20	5240	Ant2	10.02	0	10.02	24	Pass
NVHT	ac40	5190	Ant1	12.16	0	12.16	24	Pass
NVHT	ac40	5230	Ant1	11.98	0	11.98	24	Pass
NVNT	ac40	5190	Ant2	10.62	0	10.62	24	Pass
NVNT	ac40	5230	Ant2	9.73	0	9.73	24	Pass
NVHT	ac80	5210	Ant1	11.66	0	11.66	24	Pass
NVNT	ac80	5210	Ant2	10.22	0	10.22	24	Pass
NVHT	ax20	5180	Ant1	12.22	0	12.22	24	Pass
NVHT	ax20	5200	Ant1	12.14	0	12.14	24	Pass
NVHT	ax20	5240	Ant1	11.71	0	11.71	24	Pass
NVNT	ax20	5180	Ant2	11.11	0	11.11	24	Pass
NVNT	ax20	5200	Ant2	10.61	0	10.61	24	Pass
NVNT	ax20	5240	Ant2	10.28	0	10.28	24	Pass
NVHT	ax40	5190	Ant1	12.52	0	12.52	24	Pass
NVHT	ax40	5230	Ant1	12.16	0	12.16	24	Pass
NVNT	ax40	5190	Ant2	10.19	0	10.19	24	Pass
NVNT	ax40	5230	Ant2	10.66	0	10.66	24	Pass
NVHT	ax80	5210	Ant1	12.24	0	12.24	24	Pass
NVNT	ax80	5210	Ant2	9.67	0	9.67	24	Pass

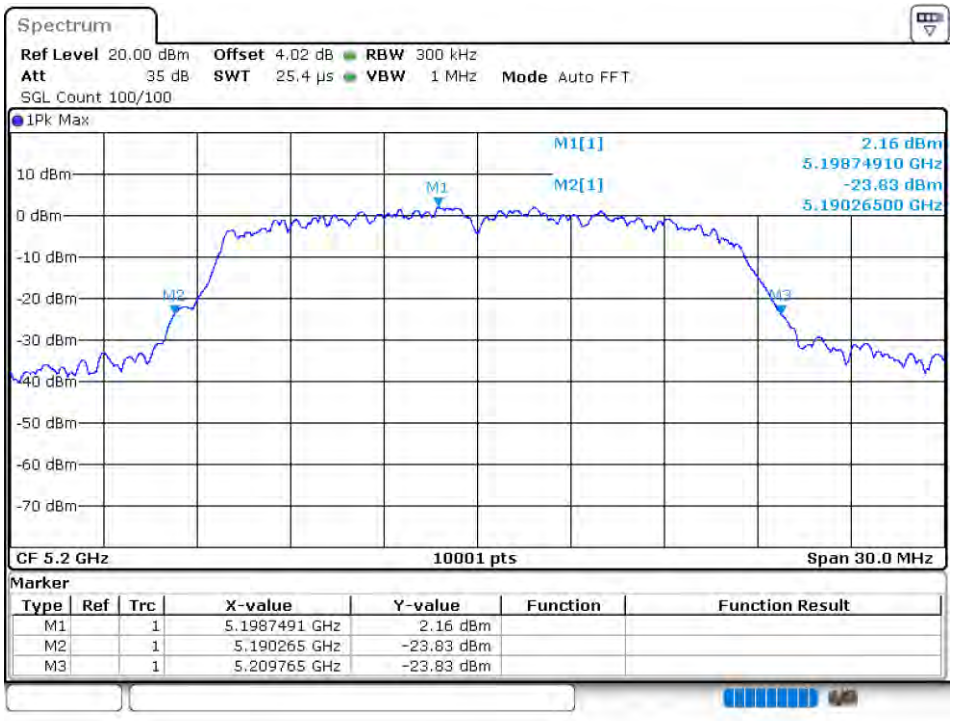
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVHT	a	5180	Ant1	19.413	0.5	Pass
NVHT	a	5200	Ant1	19.5	0.5	Pass
NVHT	a	5240	Ant1	19.011	0.5	Pass
NVNT	a	5180	Ant2	19.56	0.5	Pass
NVNT	a	5200	Ant2	20.943	0.5	Pass
NVNT	a	5240	Ant2	20.181	0.5	Pass
NVHT	n20	5180	Ant1	19.758	0.5	Pass
NVHT	n20	5200	Ant1	19.809	0.5	Pass
NVHT	n20	5240	Ant1	19.776	0.5	Pass
NVNT	n20	5180	Ant2	22.422	0.5	Pass
NVNT	n20	5200	Ant2	22.083	0.5	Pass
NVNT	n20	5240	Ant2	19.935	0.5	Pass
NVHT	n40	5190	Ant1	41.94	0.5	Pass
NVHT	n40	5230	Ant1	41.778	0.5	Pass
NVNT	n40	5190	Ant2	59.574	0.5	Pass
NVNT	n40	5230	Ant2	57.384	0.5	Pass
NVHT	ac20	5180	Ant1	19.878	0.5	Pass
NVHT	ac20	5200	Ant1	19.602	0.5	Pass
NVHT	ac20	5240	Ant1	19.95	0.5	Pass
NVNT	ac20	5180	Ant2	20.133	0.5	Pass
NVNT	ac20	5200	Ant2	20.166	0.5	Pass
NVNT	ac20	5240	Ant2	20.967	0.5	Pass
NVHT	ac40	5190	Ant1	40.758	0.5	Pass
NVHT	ac40	5230	Ant1	41.706	0.5	Pass
NVNT	ac40	5190	Ant2	56.73	0.5	Pass
NVNT	ac40	5230	Ant2	57.228	0.5	Pass
NVHT	ac80	5210	Ant1	102.816	0.5	Pass
NVNT	ac80	5210	Ant2	119.964	0.5	Pass
NVHT	ax20	5180	Ant1	19.773	0.5	Pass
NVHT	ax20	5200	Ant1	19.842	0.5	Pass
NVHT	ax20	5240	Ant1	19.836	0.5	Pass
NVNT	ax20	5180	Ant2	19.884	0.5	Pass
NVNT	ax20	5200	Ant2	19.947	0.5	Pass
NVNT	ax20	5240	Ant2	19.725	0.5	Pass
NVHT	ax40	5190	Ant1	39.504	0.5	Pass
NVHT	ax40	5230	Ant1	39.606	0.5	Pass
NVNT	ax40	5190	Ant2	41.388	0.5	Pass
NVNT	ax40	5230	Ant2	44.316	0.5	Pass
NVHT	ax80	5210	Ant1	80.28	0.5	Pass
NVNT	ax80	5210	Ant2	80.388	0.5	Pass

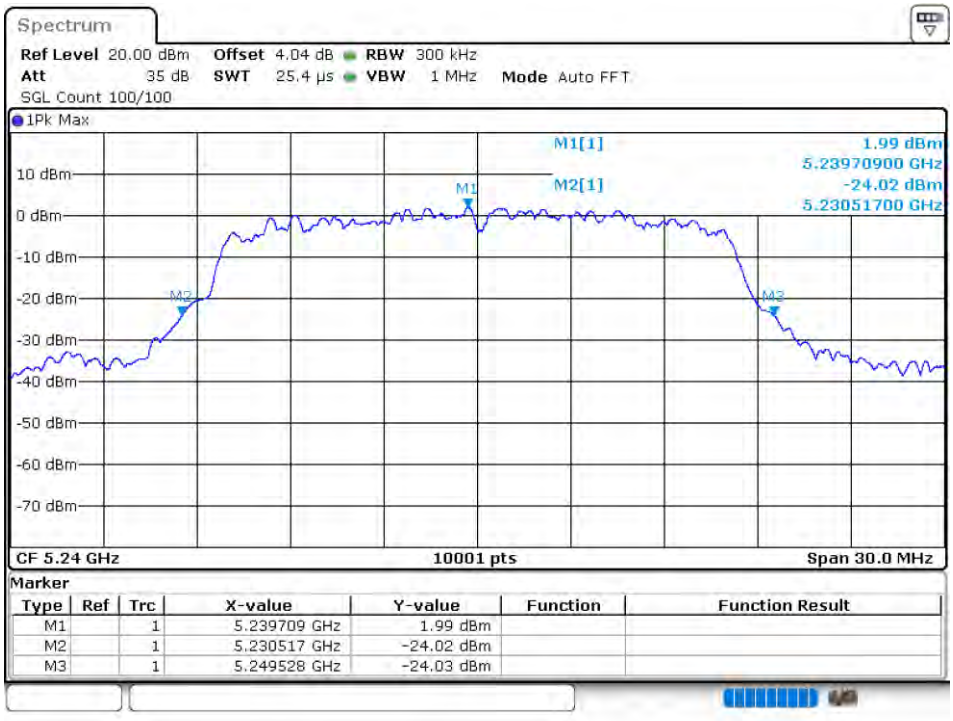
Test Graphs
-26dB Bandwidth NVHT a 5180MHz Ant1



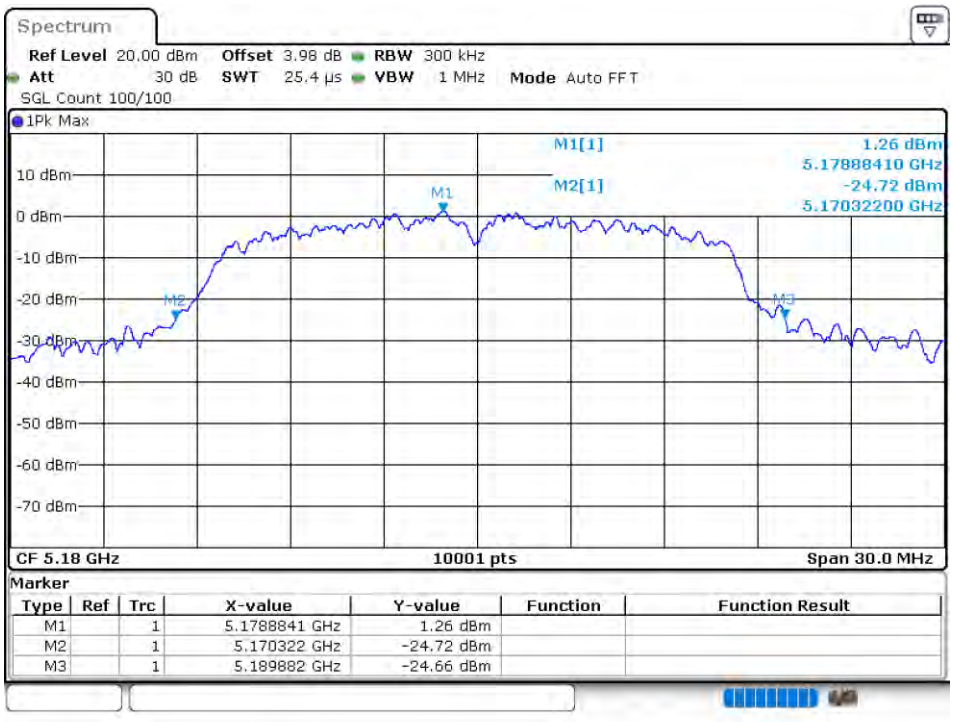
-26dB Bandwidth NVHT a 5200MHz Ant1



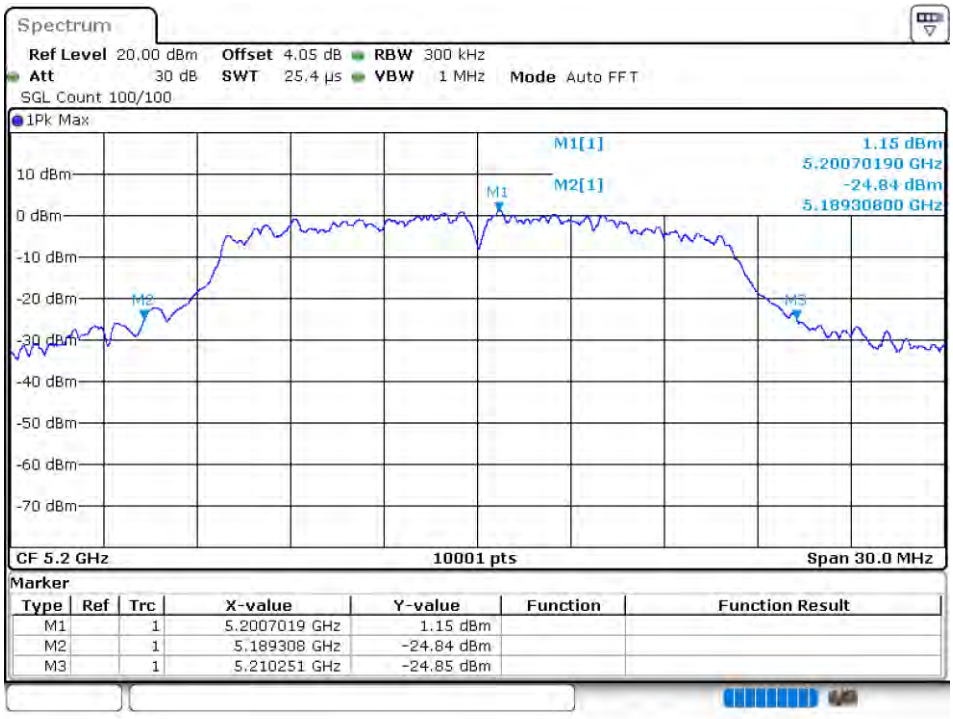
-26dB Bandwidth NVHT a 5240MHz Ant1



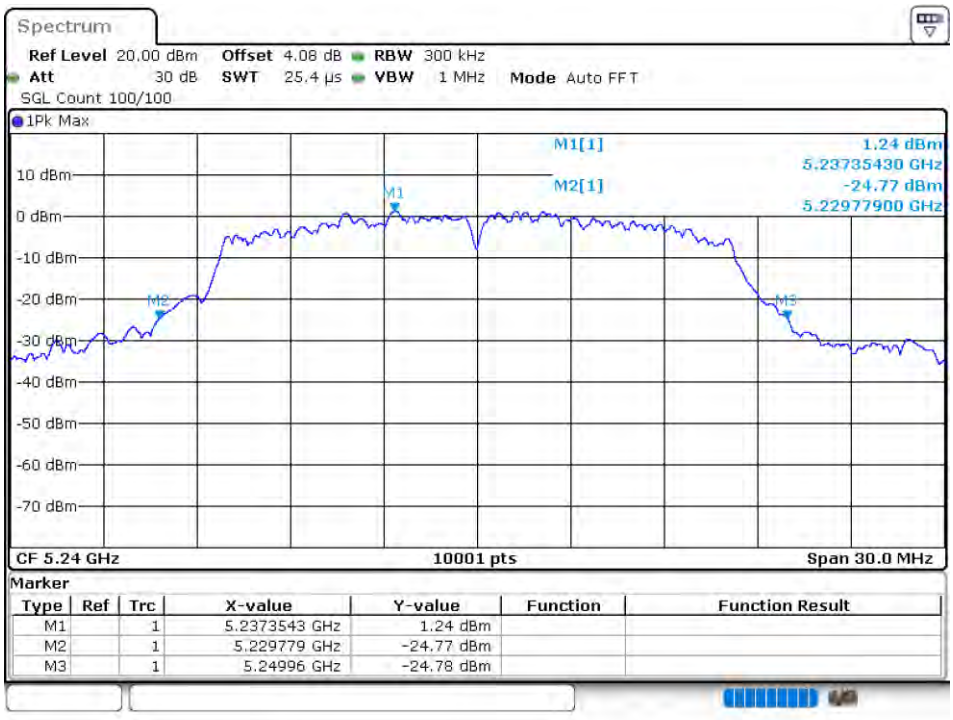
-26dB Bandwidth NVNT a 5180MHz Ant2



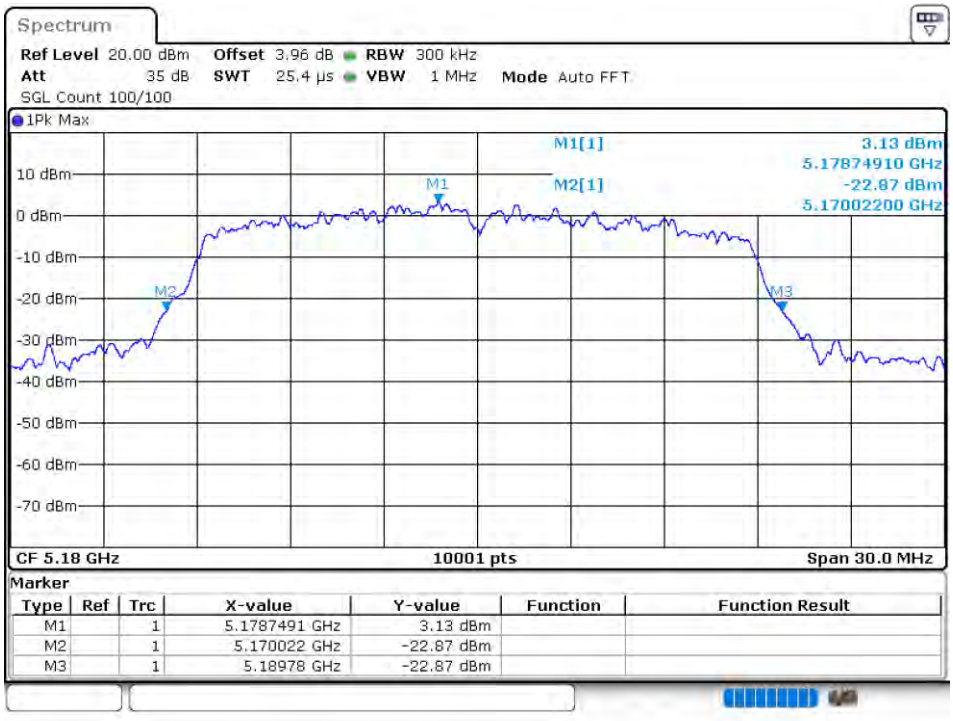
-26dB Bandwidth NVNT a 5200MHz Ant2



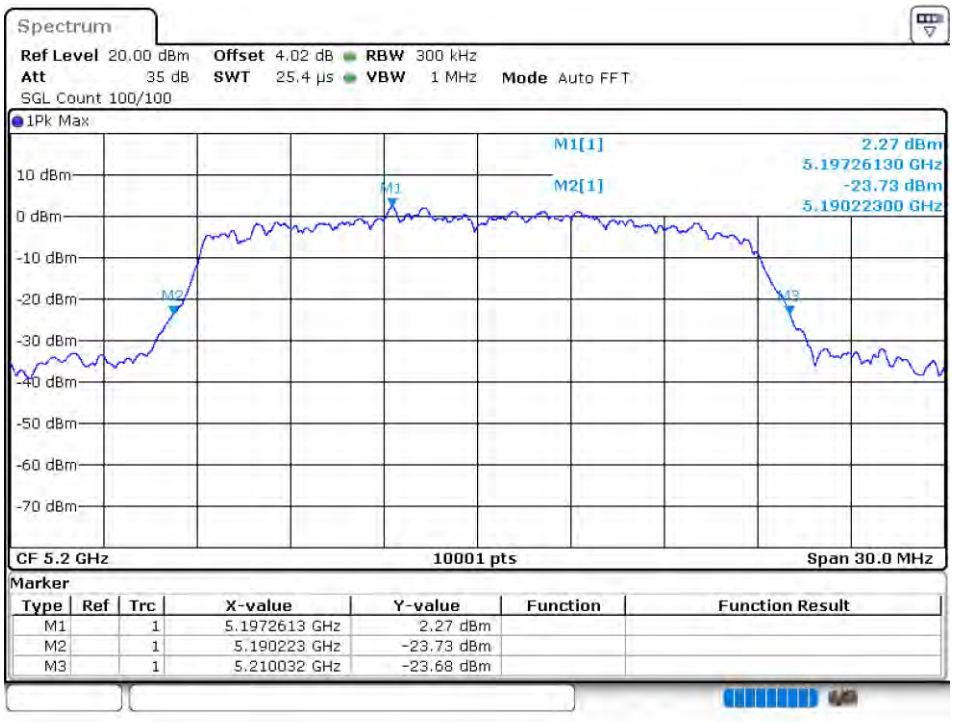
-26dB Bandwidth NVNT a 5240MHz Ant2



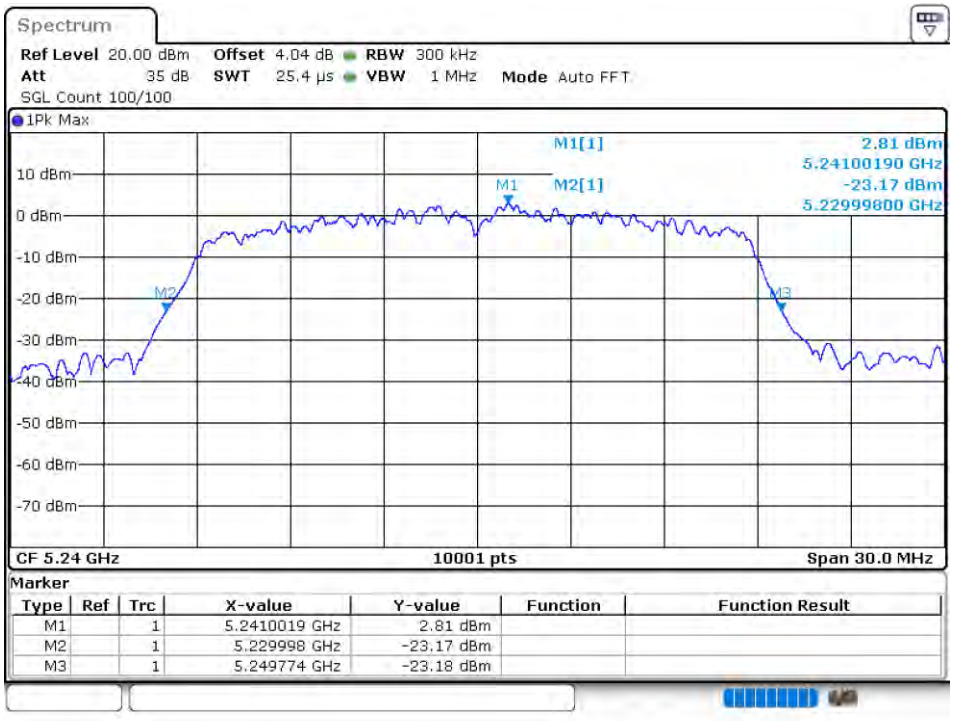
-26dB Bandwidth NVHT n20 5180MHz Ant1



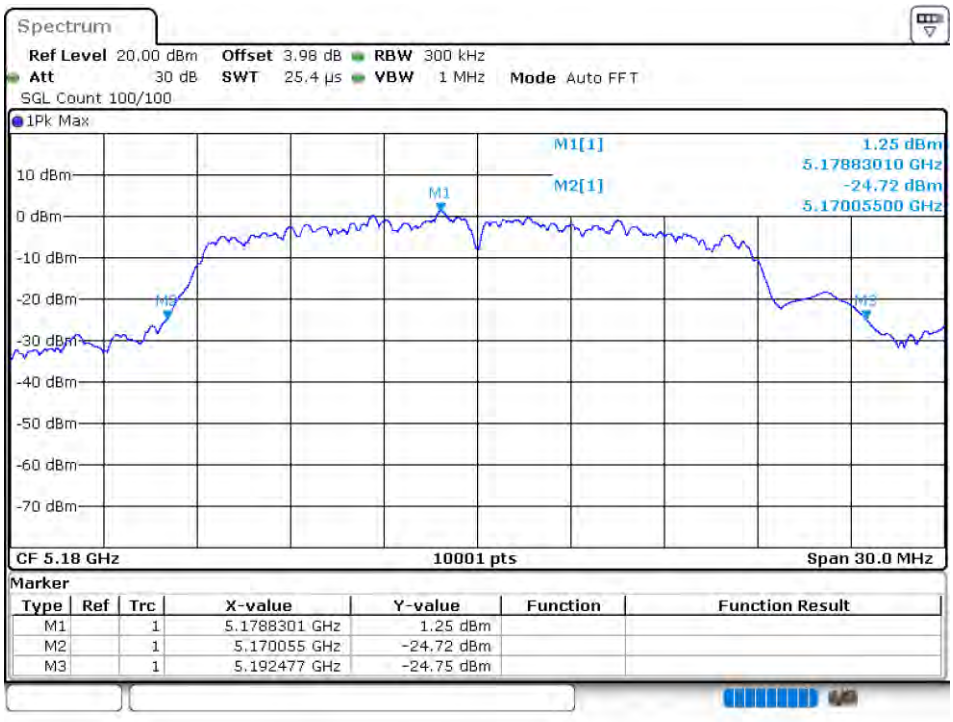
-26dB Bandwidth NVHT n20 5200MHz Ant1



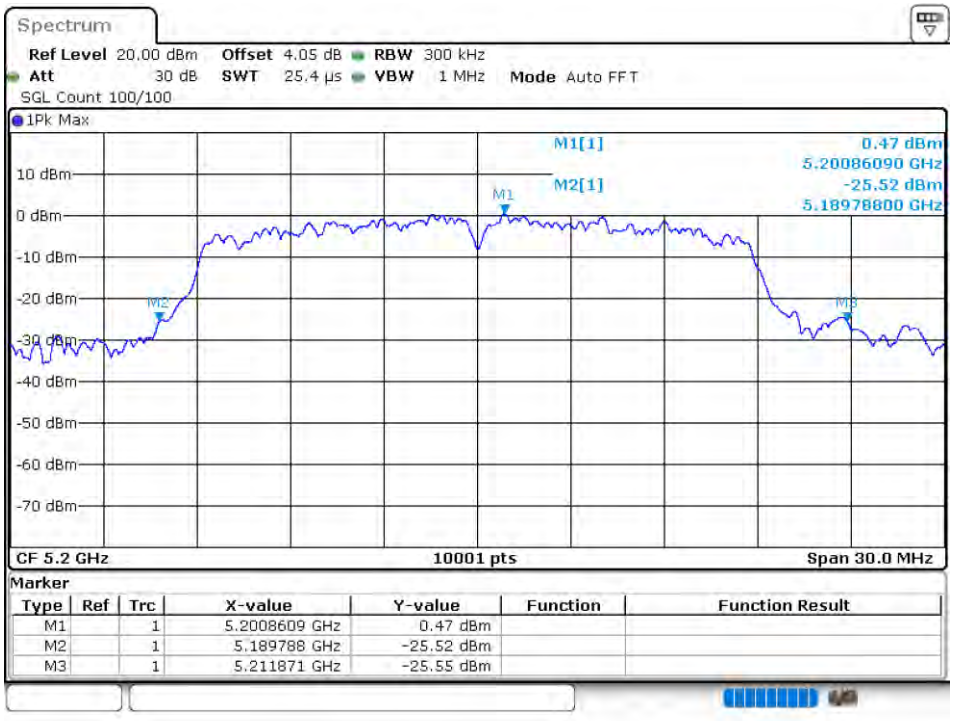
-26dB Bandwidth NVHT n20 5240MHz Ant1



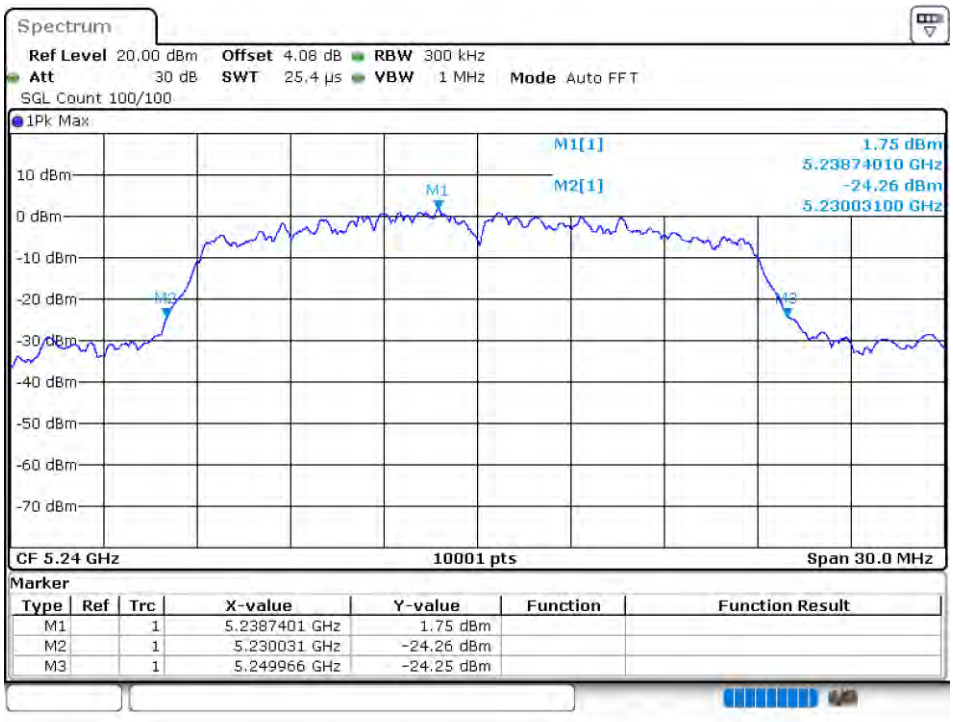
-26dB Bandwidth NVNT n20 5180MHz Ant2



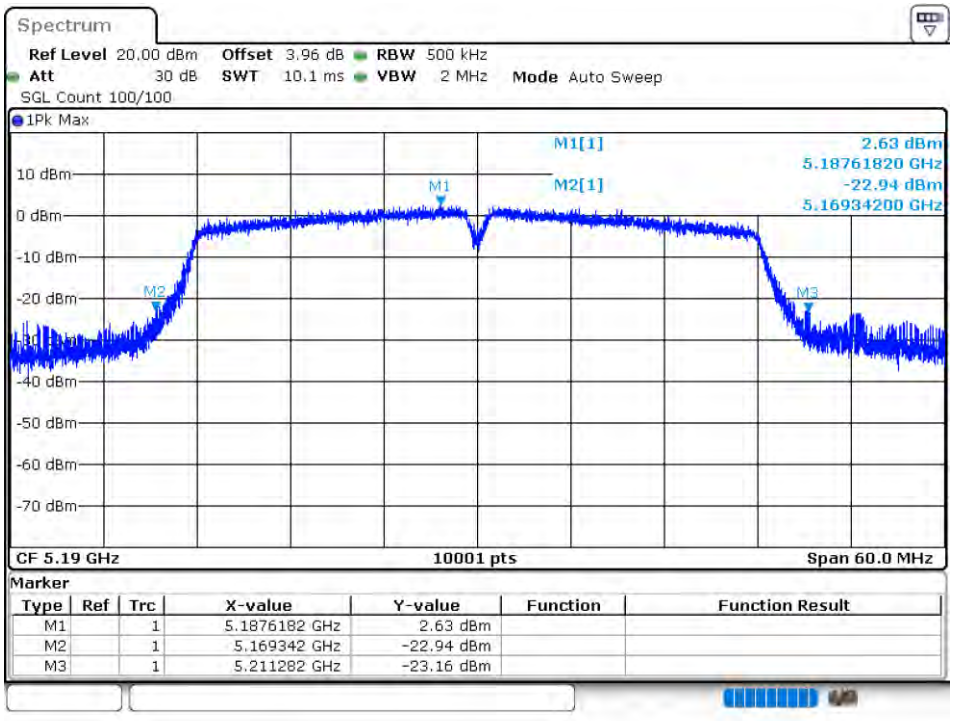
-26dB Bandwidth NVNT n20 5200MHz Ant2



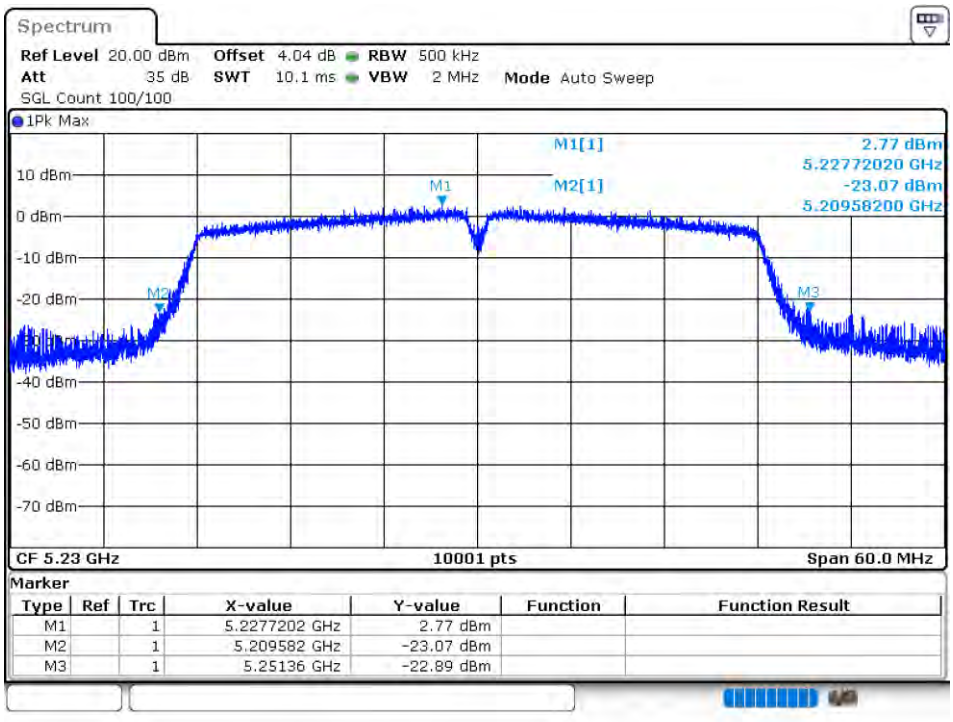
-26dB Bandwidth NVNT n20 5240MHz Ant2



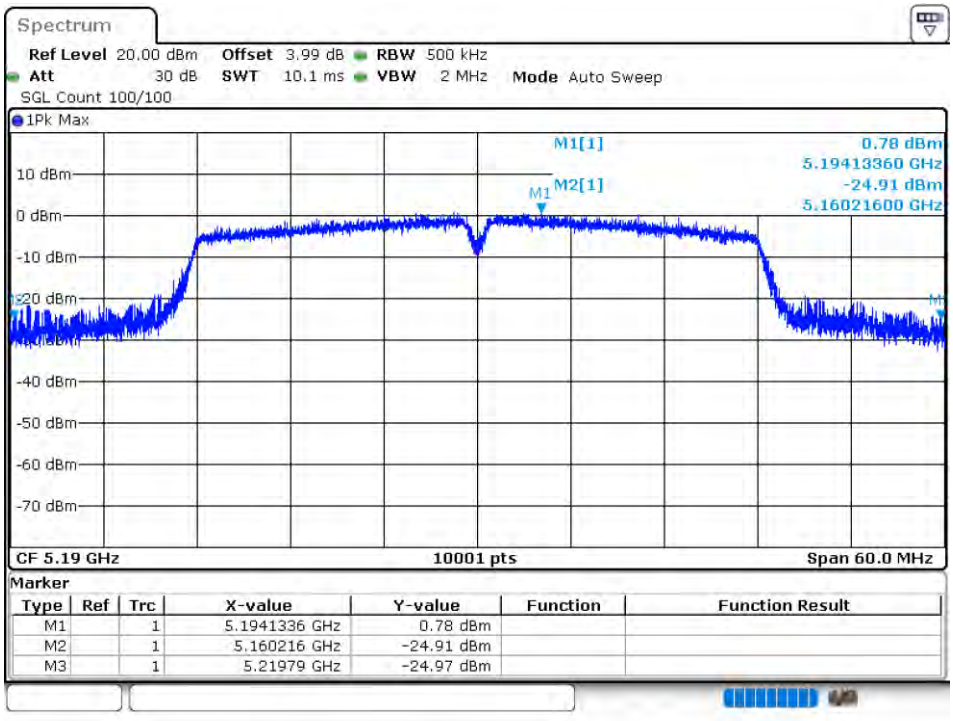
-26dB Bandwidth NVHT n40 5190MHz Ant1



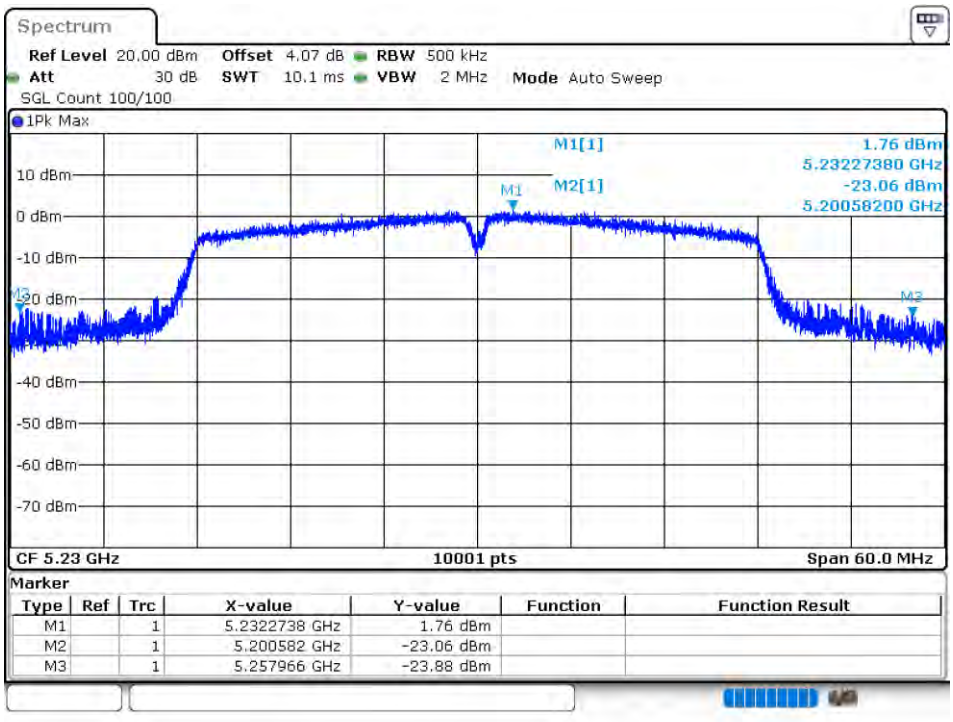
-26dB Bandwidth NVHT n40 5230MHz Ant1



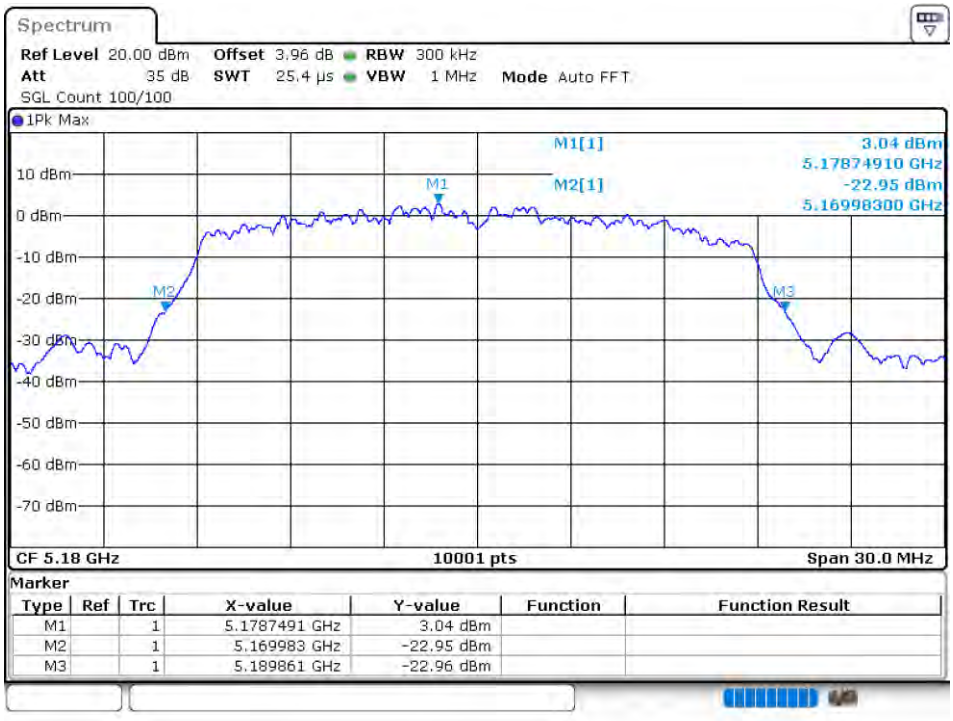
-26dB Bandwidth NVNT n40 5190MHz Ant2



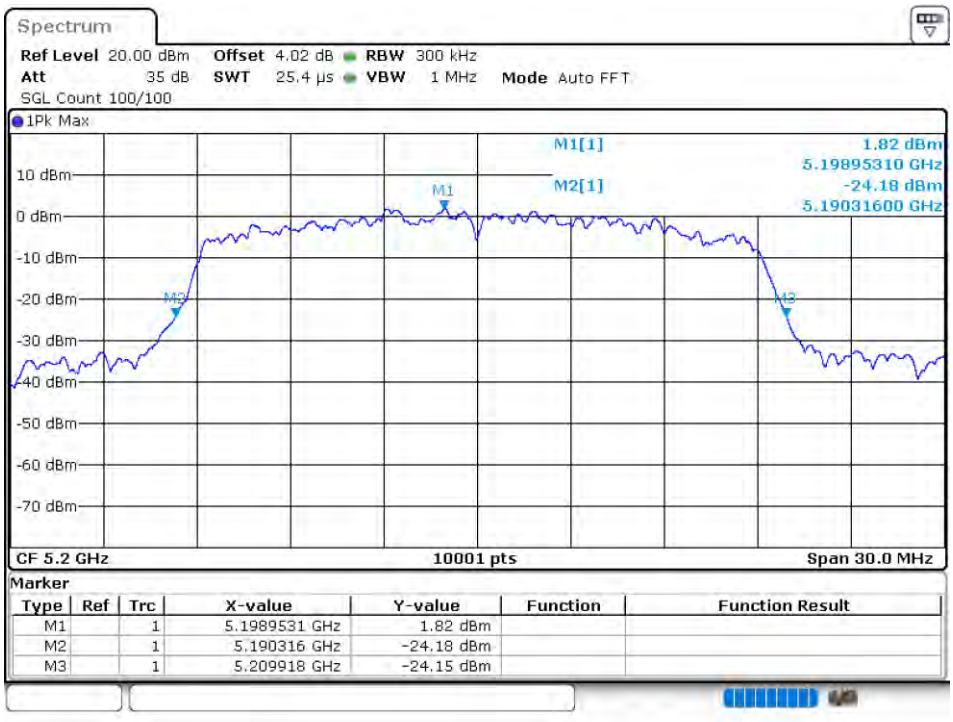
-26dB Bandwidth NVNT n40 5230MHz Ant2



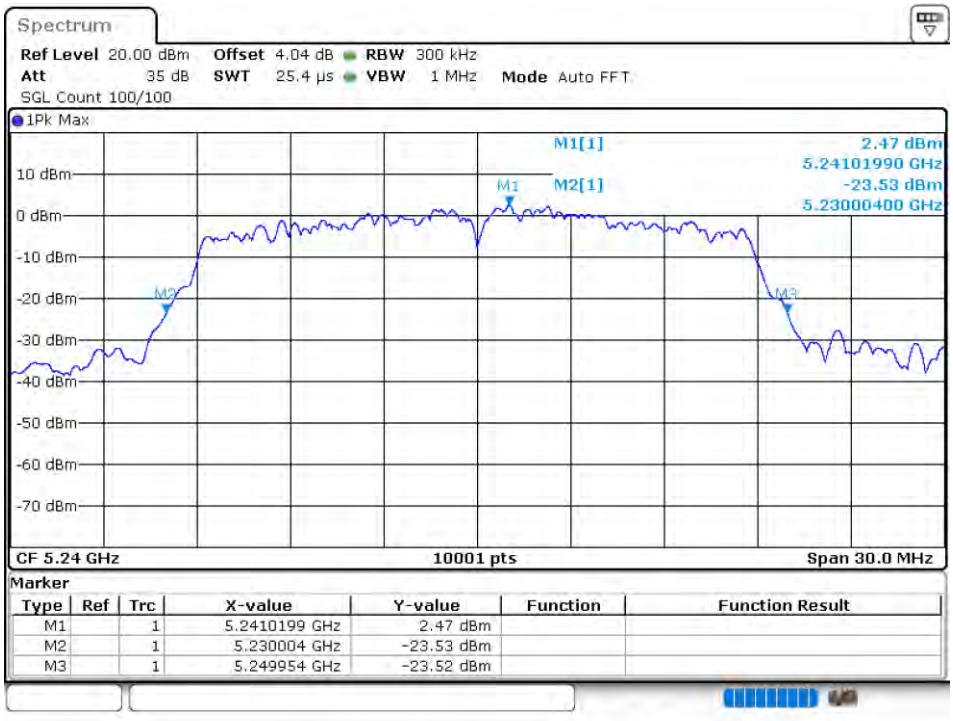
-26dB Bandwidth NVHT ac20 5180MHz Ant1



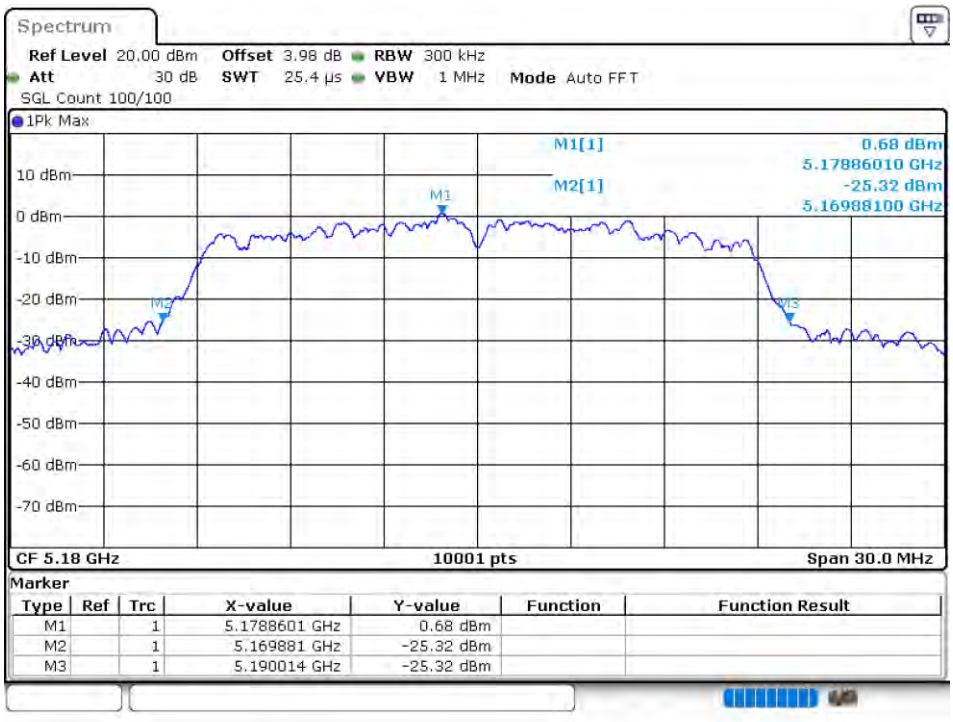
-26dB Bandwidth NVHT ac20 5200MHz Ant1



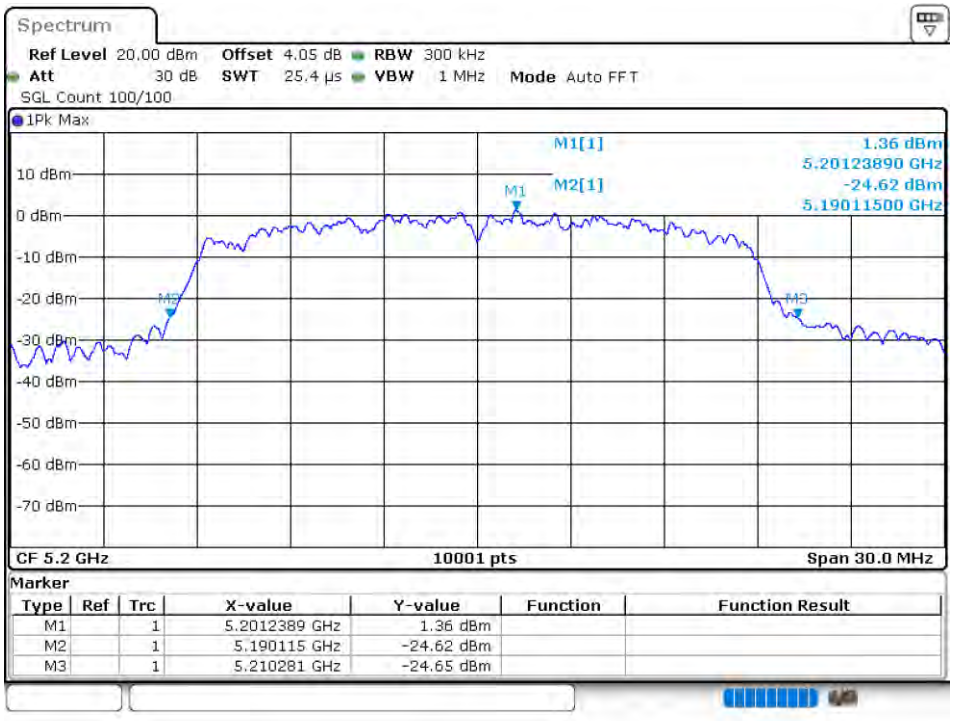
-26dB Bandwidth NVHT ac20 5240MHz Ant1



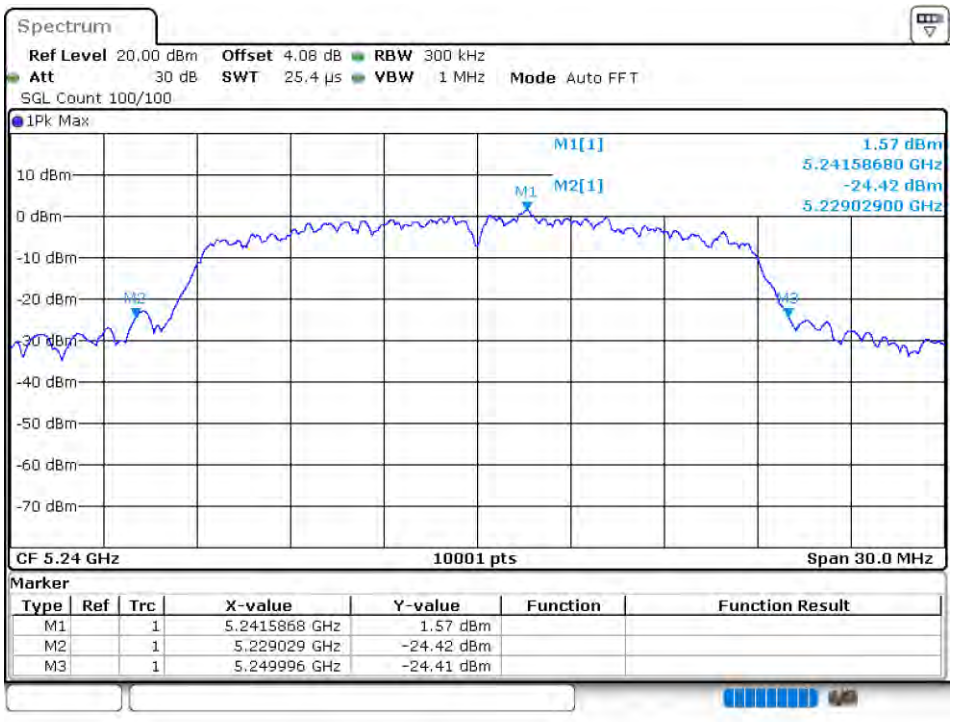
-26dB Bandwidth NVNT ac20 5180MHz Ant2



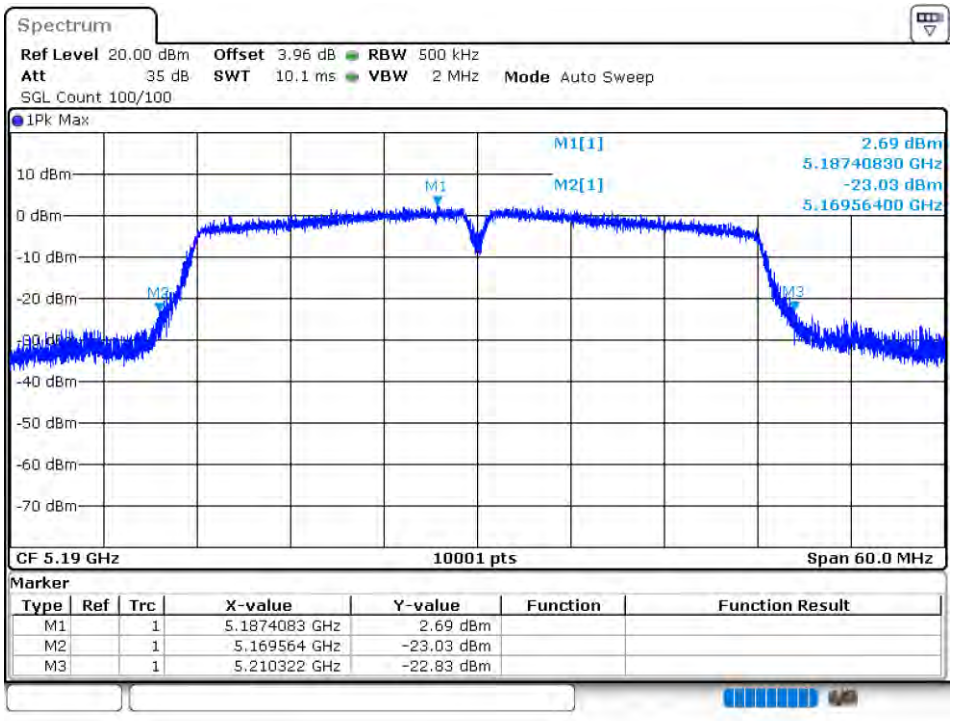
-26dB Bandwidth NVNT ac20 5200MHz Ant2



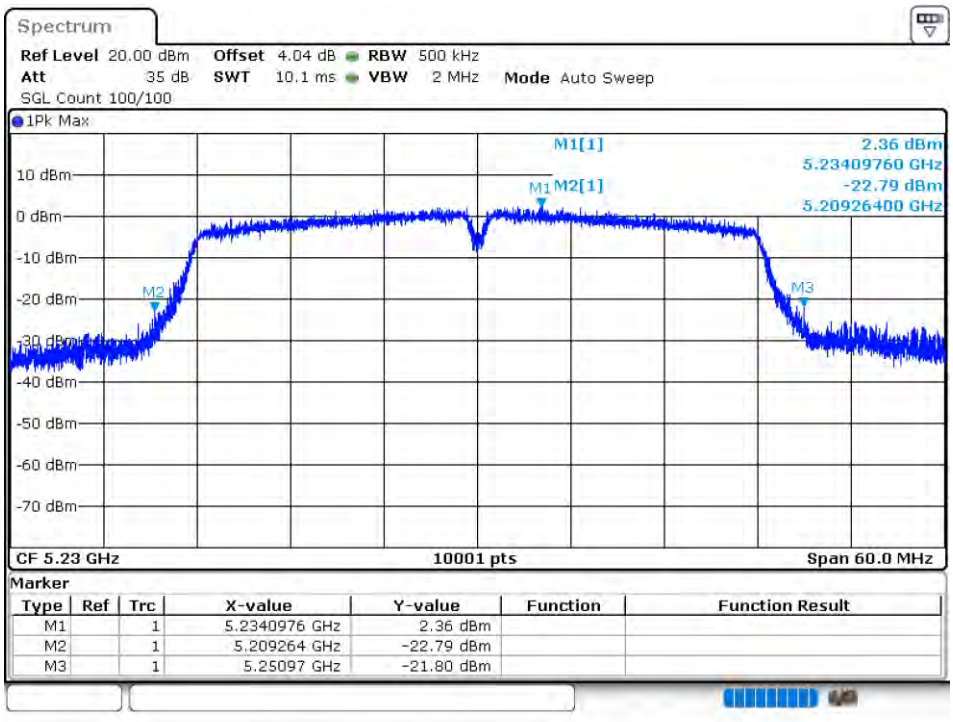
-26dB Bandwidth NVNT ac20 5240MHz Ant2



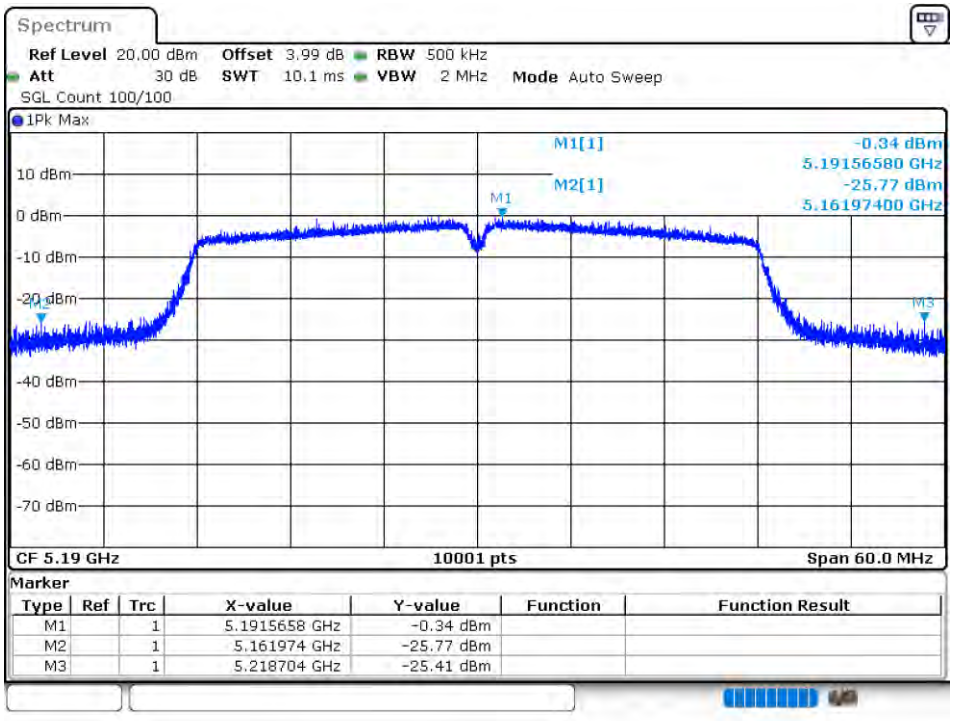
-26dB Bandwidth NVHT ac40 5190MHz Ant1



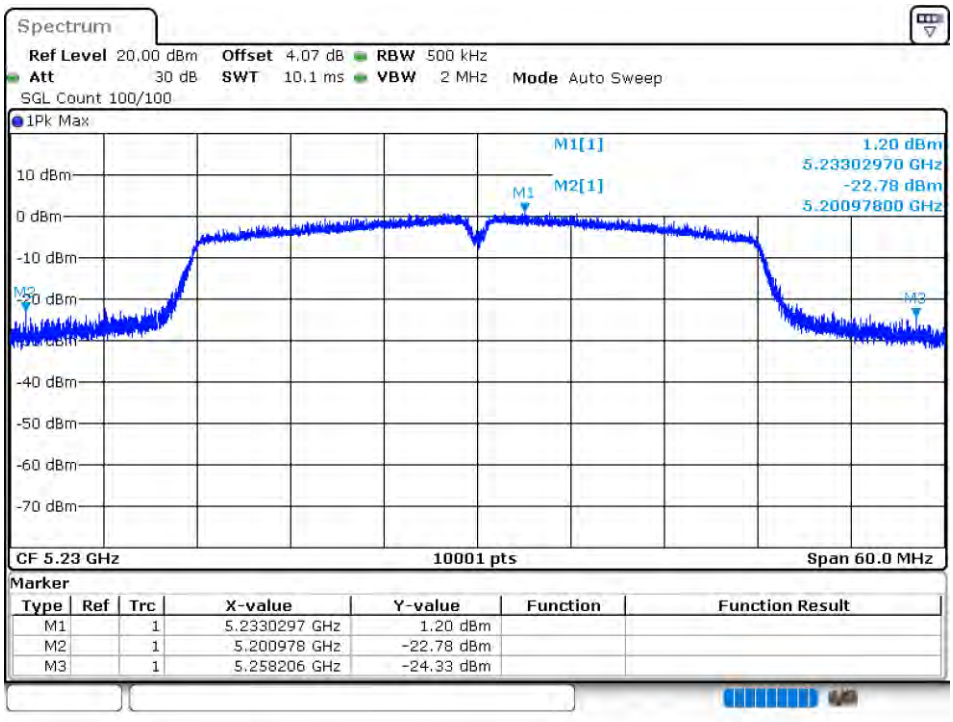
-26dB Bandwidth NVHT ac40 5230MHz Ant1



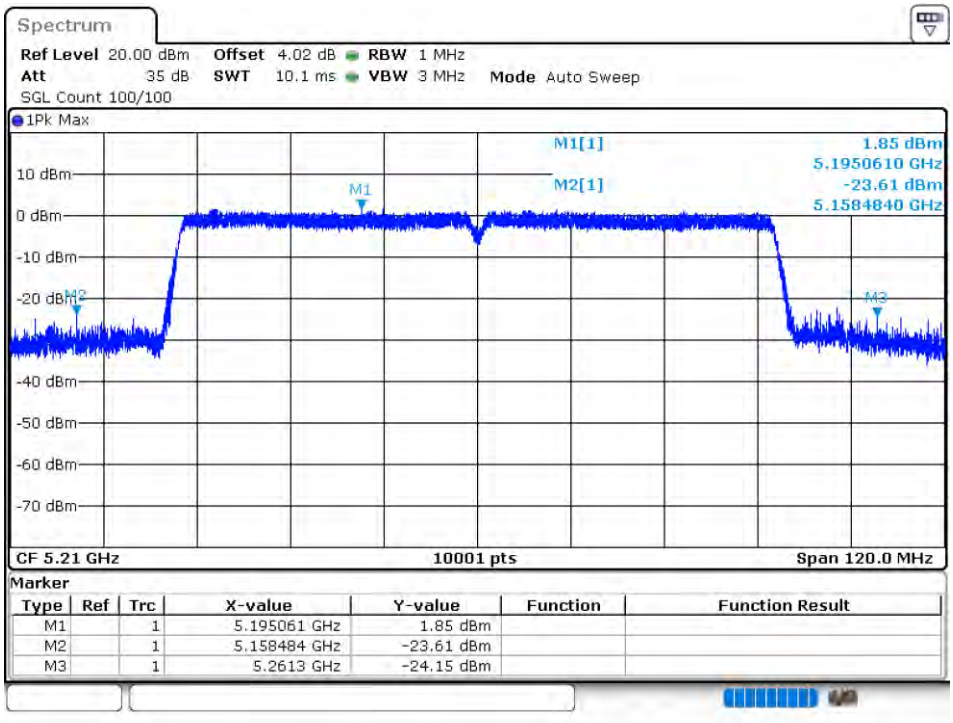
-26dB Bandwidth NVNT ac40 5190MHz Ant2



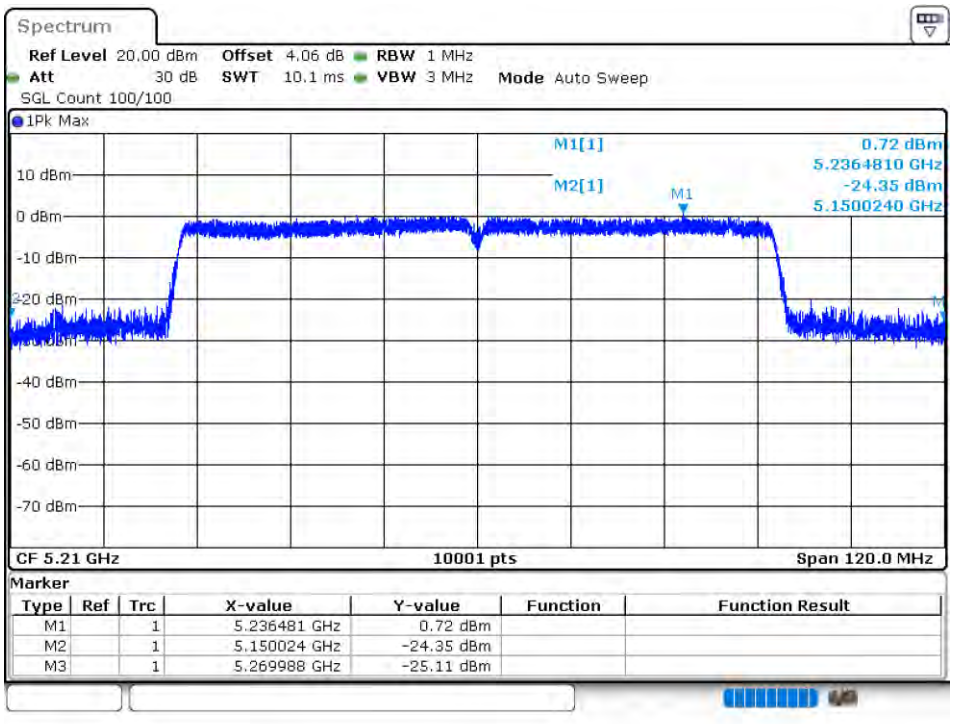
-26dB Bandwidth NVNT ac40 5230MHz Ant2



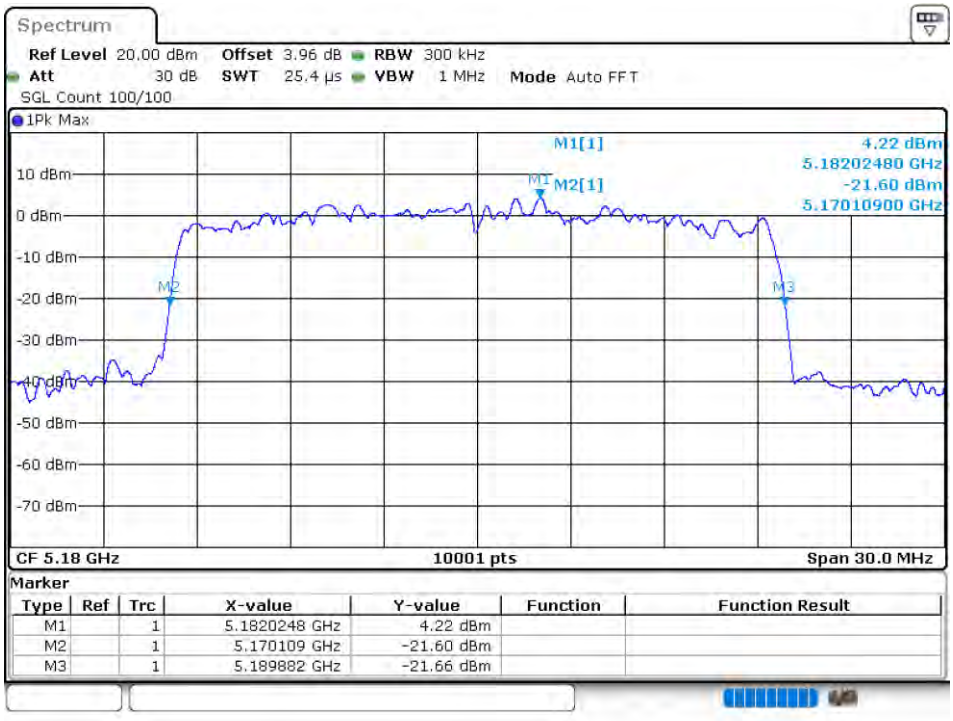
-26dB Bandwidth NVHT ac80 5210MHz Ant1



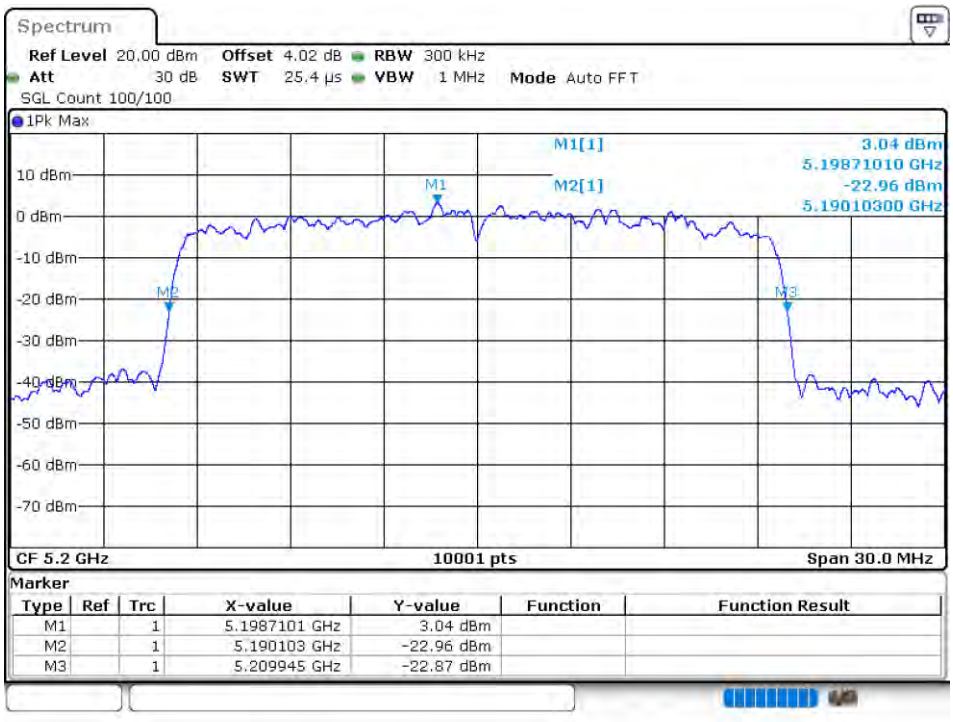
-26dB Bandwidth NVNT ac80 5210MHz Ant2



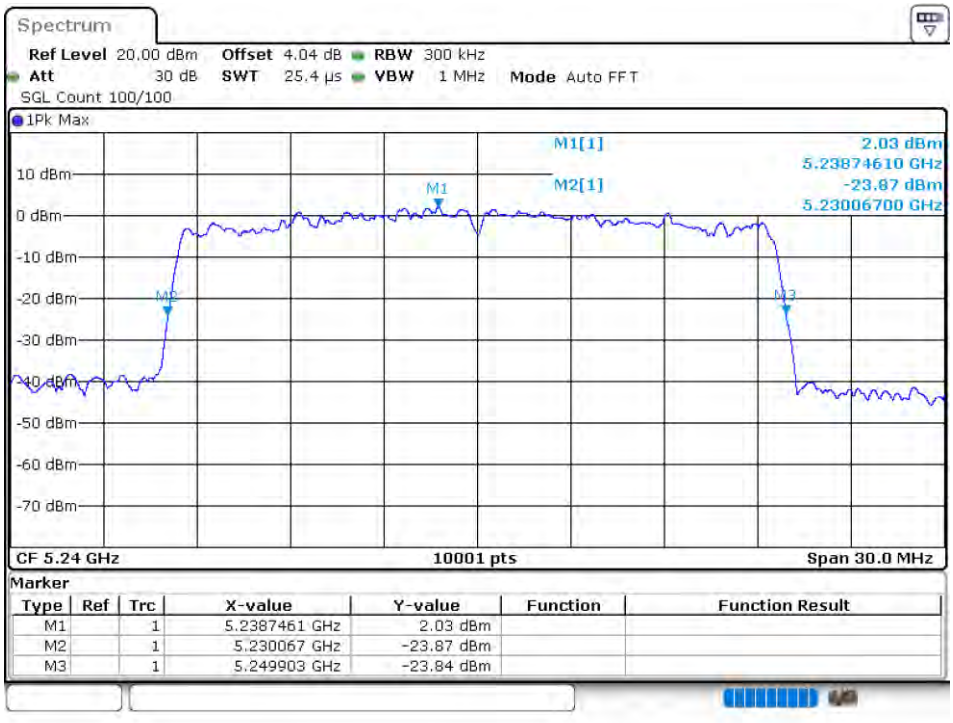
-26dB Bandwidth NVHT ax20 5180MHz Ant1



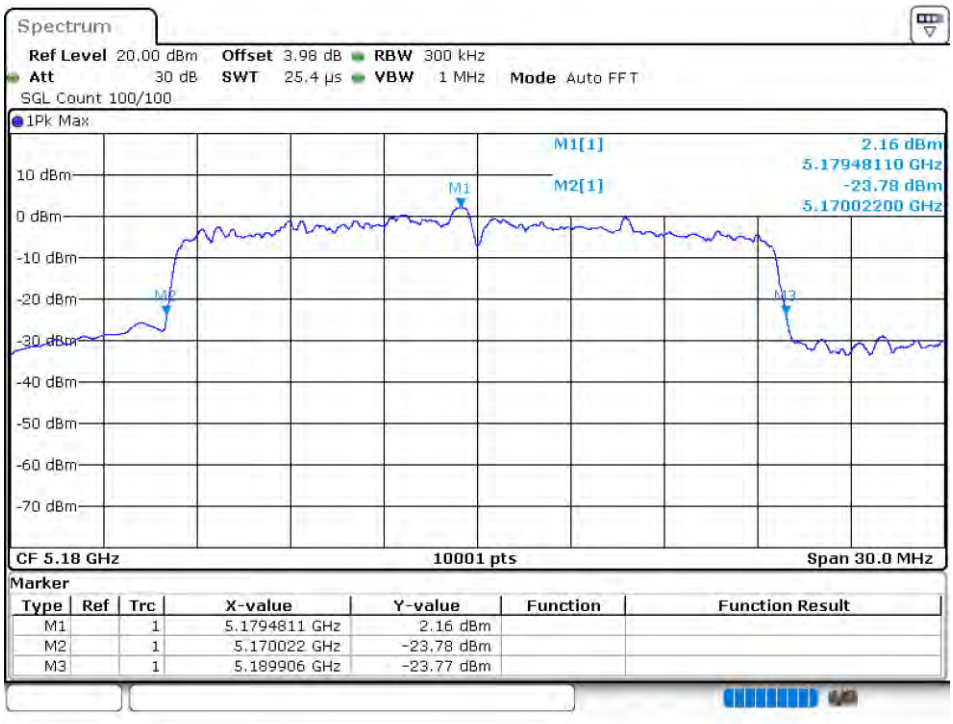
-26dB Bandwidth NVHT ax20 5200MHz Ant1



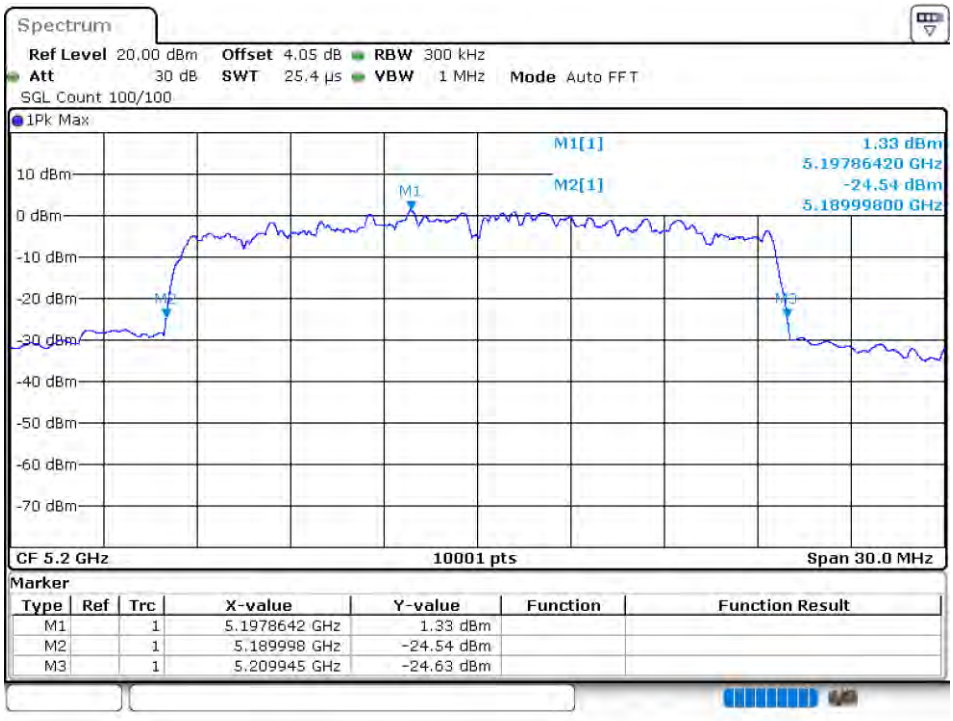
-26dB Bandwidth NVHT ax20 5240MHz Ant1



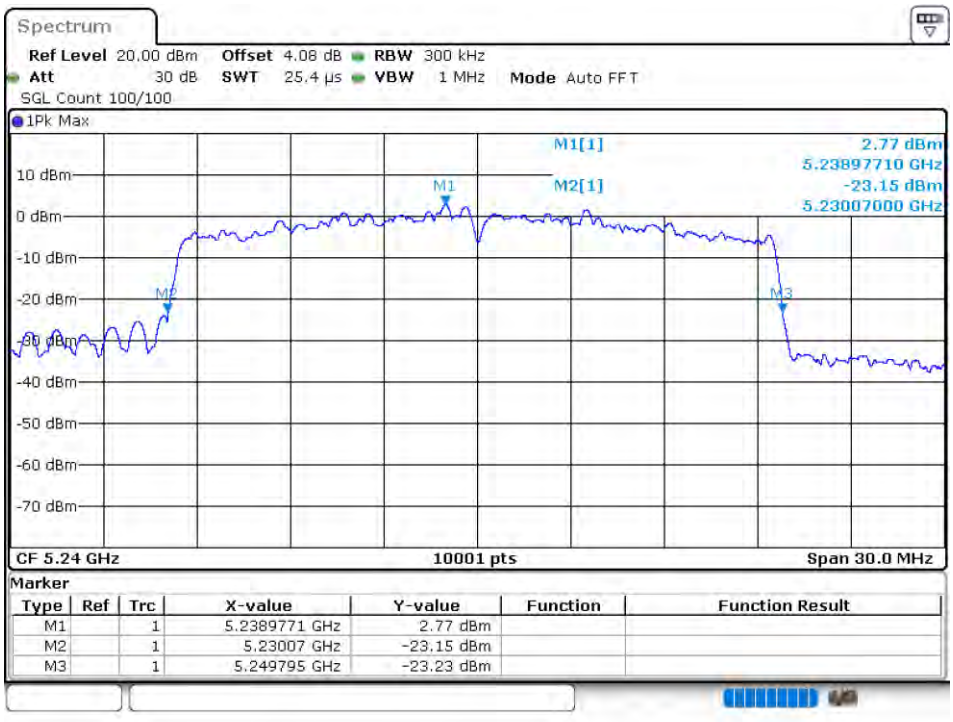
-26dB Bandwidth NVNT ax20 5180MHz Ant2



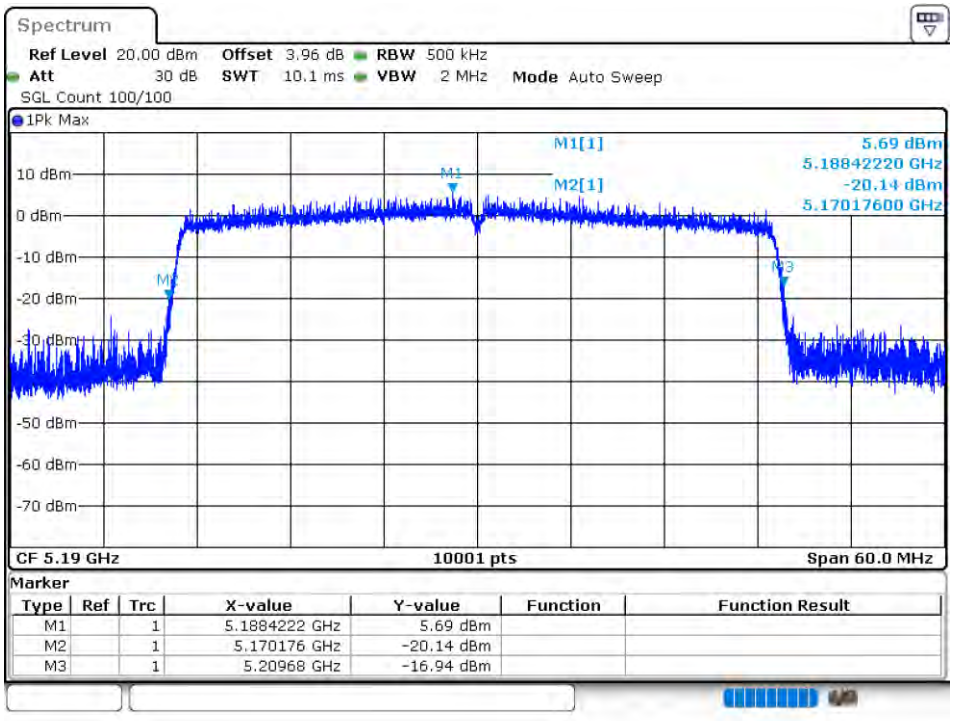
-26dB Bandwidth NVNT ax20 5200MHz Ant2



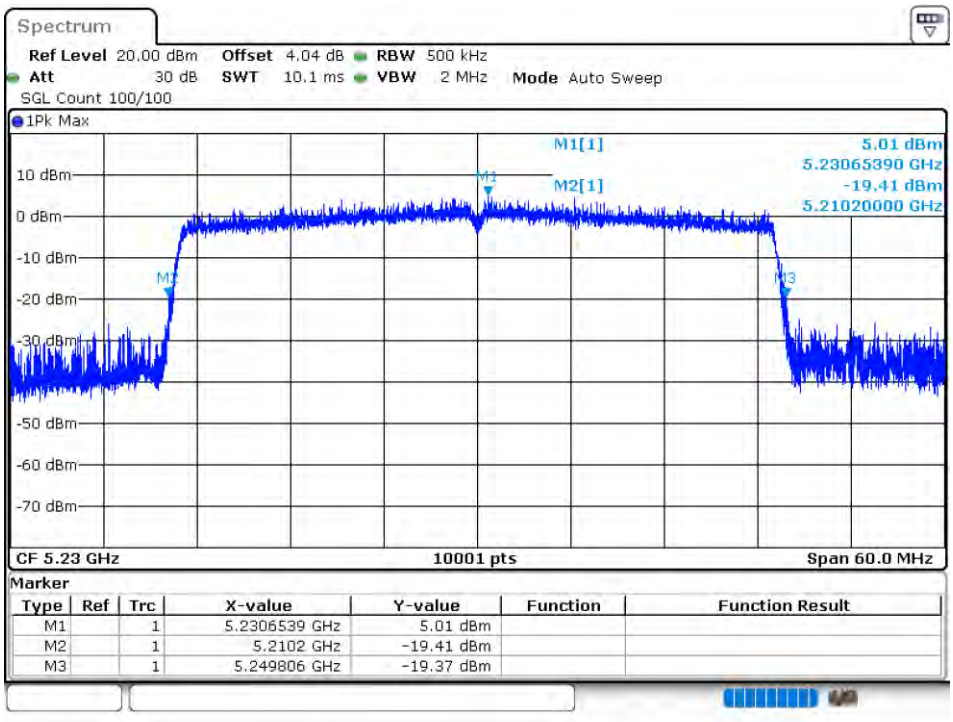
-26dB Bandwidth NVNT ax20 5240MHz Ant2



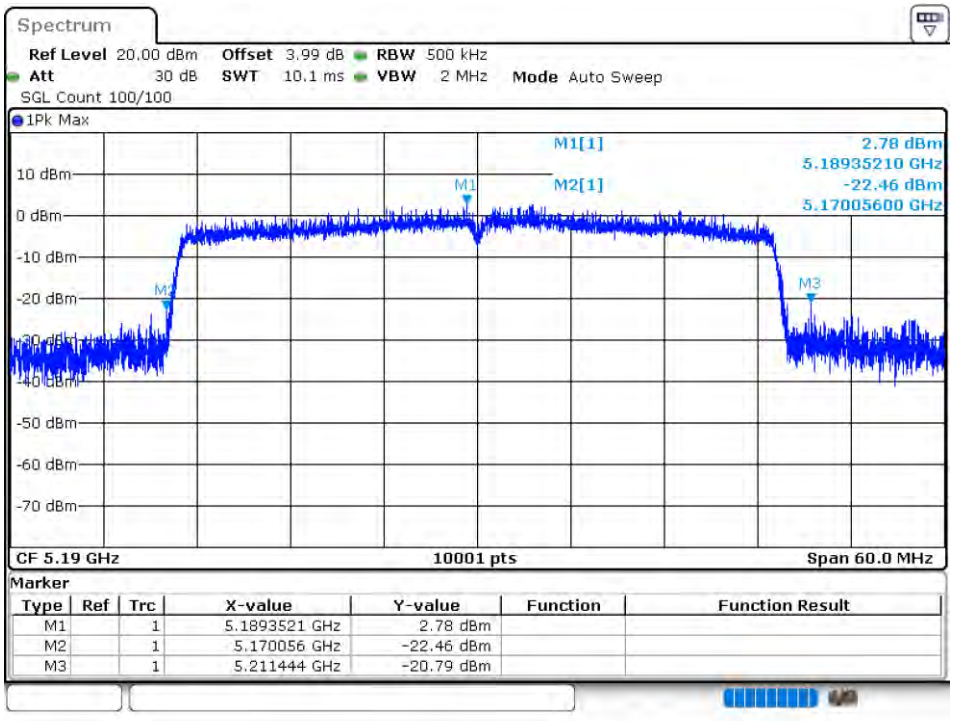
-26dB Bandwidth NVHT ax40 5190MHz Ant1



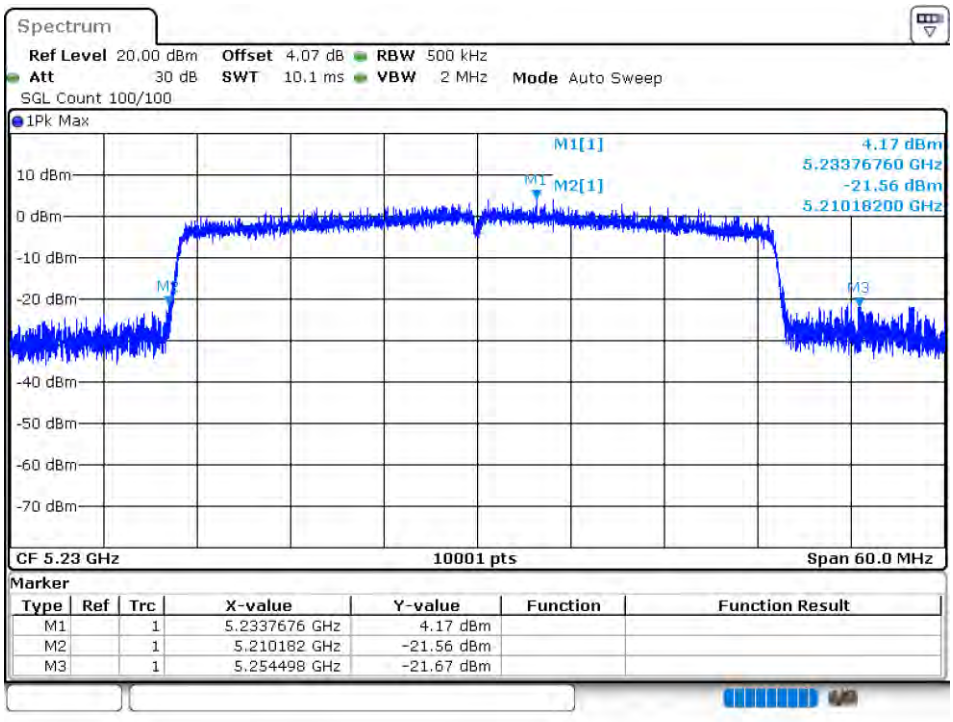
-26dB Bandwidth NVHT ax40 5230MHz Ant1



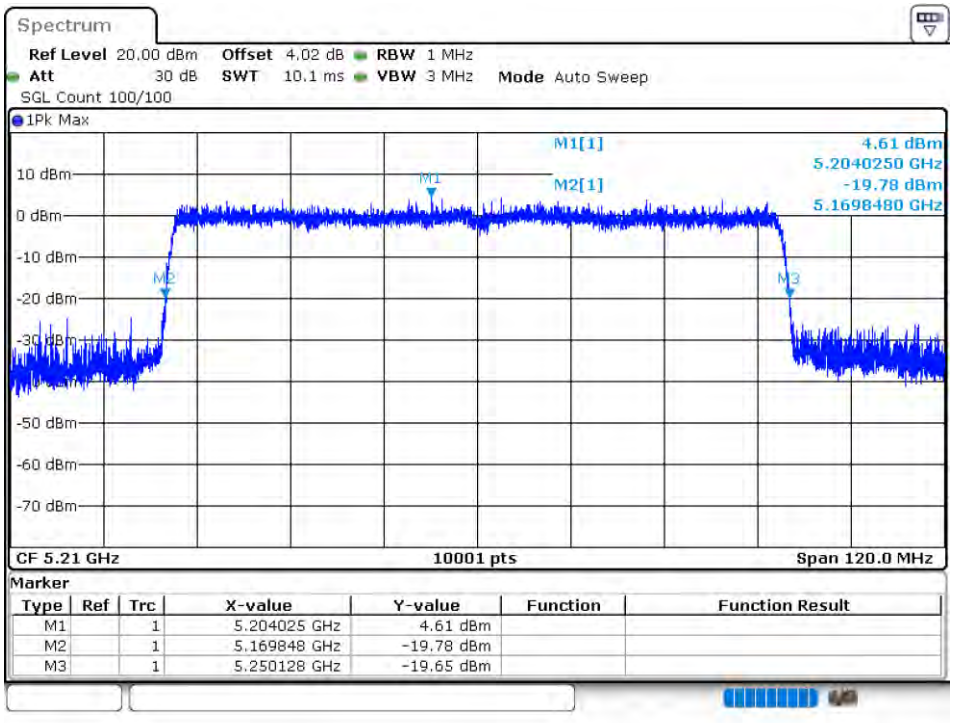
-26dB Bandwidth NVNT ax40 5190MHz Ant2



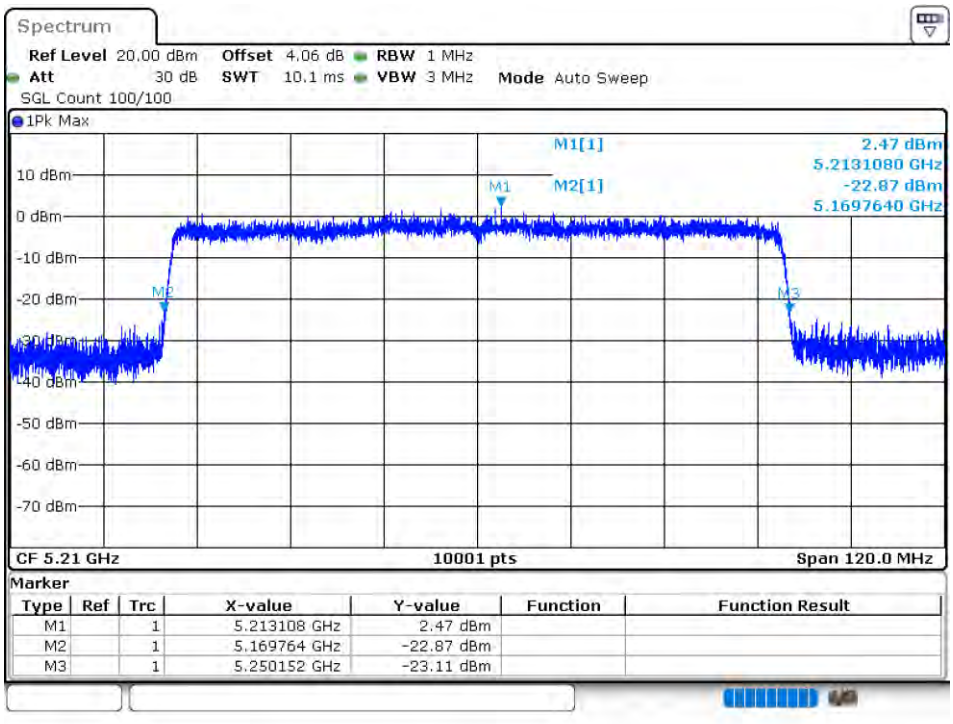
-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVHT ax80 5210MHz Ant1



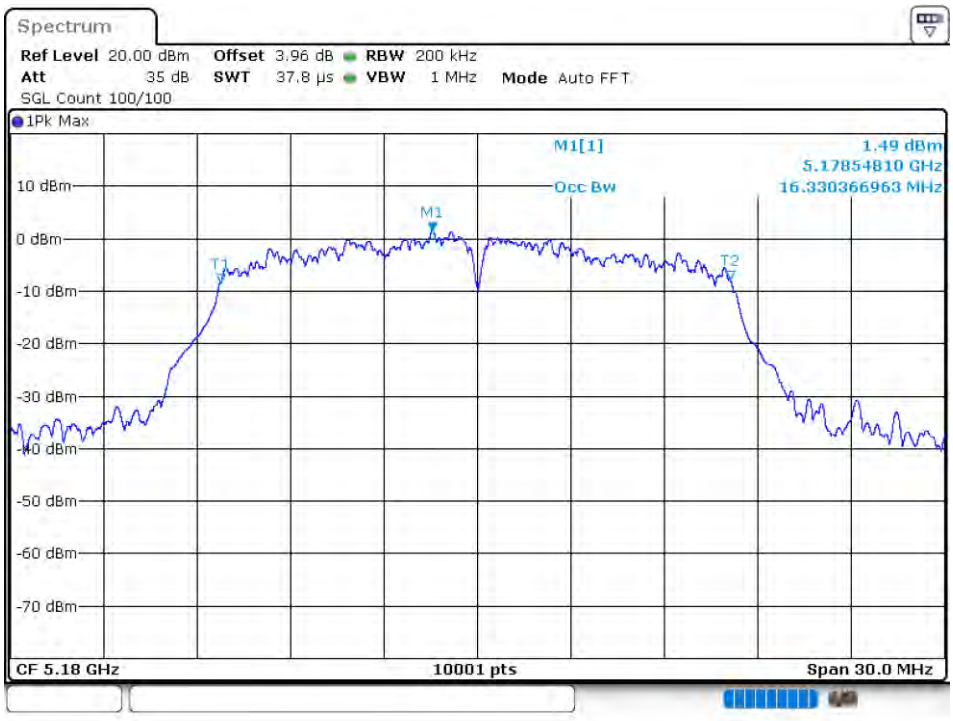
-26dB Bandwidth NVNT ax80 5210MHz Ant2



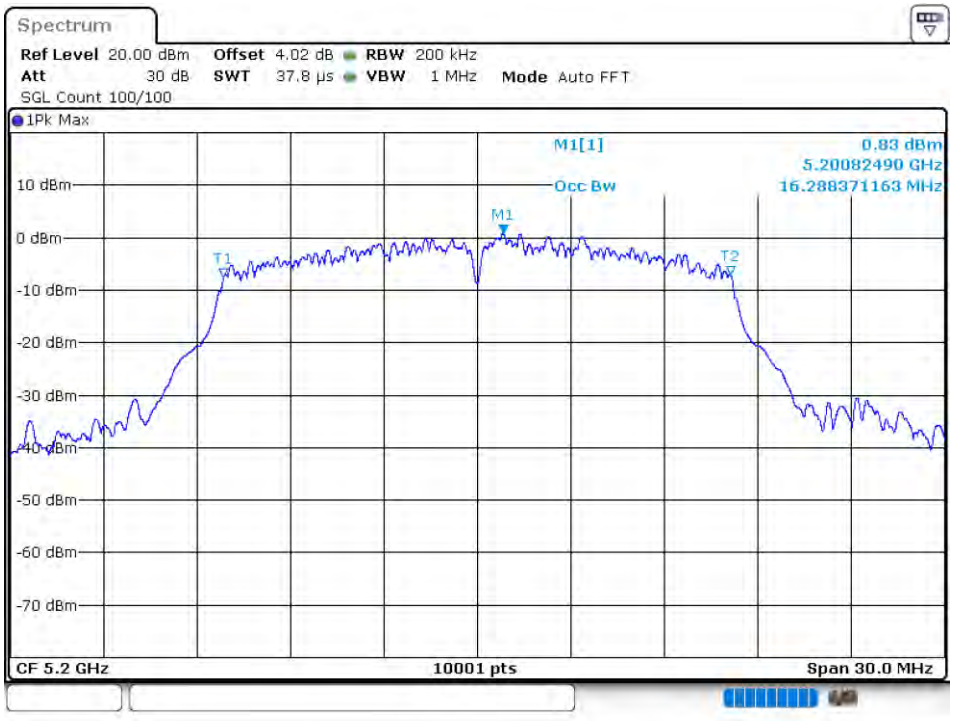
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVHT	a	5180	Ant1	16.33
NVHT	a	5200	Ant1	16.288
NVHT	a	5240	Ant1	16.375
NVNT	a	5180	Ant2	16.447
NVNT	a	5200	Ant2	16.456
NVNT	a	5240	Ant2	16.354
NVHT	n20	5180	Ant1	17.512
NVHT	n20	5200	Ant1	17.431
NVHT	n20	5240	Ant1	17.497
NVNT	n20	5180	Ant2	17.479
NVNT	n20	5200	Ant2	17.386
NVNT	n20	5240	Ant2	17.446
NVHT	n40	5190	Ant1	35.954
NVHT	n40	5230	Ant1	35.984
NVNT	n40	5190	Ant2	36.188
NVNT	n40	5230	Ant2	36.026
NVHT	ac20	5180	Ant1	17.425
NVHT	ac20	5200	Ant1	17.377
NVHT	ac20	5240	Ant1	17.407
NVNT	ac20	5180	Ant2	17.551
NVNT	ac20	5200	Ant2	17.419
NVNT	ac20	5240	Ant2	17.431
NVHT	ac40	5190	Ant1	35.966
NVHT	ac40	5230	Ant1	35.99
NVNT	ac40	5190	Ant2	36.2
NVNT	ac40	5230	Ant2	36.122
NVHT	ac80	5210	Ant1	75.772
NVNT	ac80	5210	Ant2	75.904
NVHT	ax20	5180	Ant1	18.733
NVHT	ax20	5200	Ant1	18.667
NVHT	ax20	5240	Ant1	18.784
NVNT	ax20	5180	Ant2	18.82
NVNT	ax20	5200	Ant2	18.727
NVNT	ax20	5240	Ant2	18.661
NVHT	ax40	5190	Ant1	37.526
NVHT	ax40	5230	Ant1	37.526
NVNT	ax40	5190	Ant2	37.592
NVNT	ax40	5230	Ant2	37.58
NVHT	ax80	5210	Ant1	77.308
NVNT	ax80	5210	Ant2	77.26

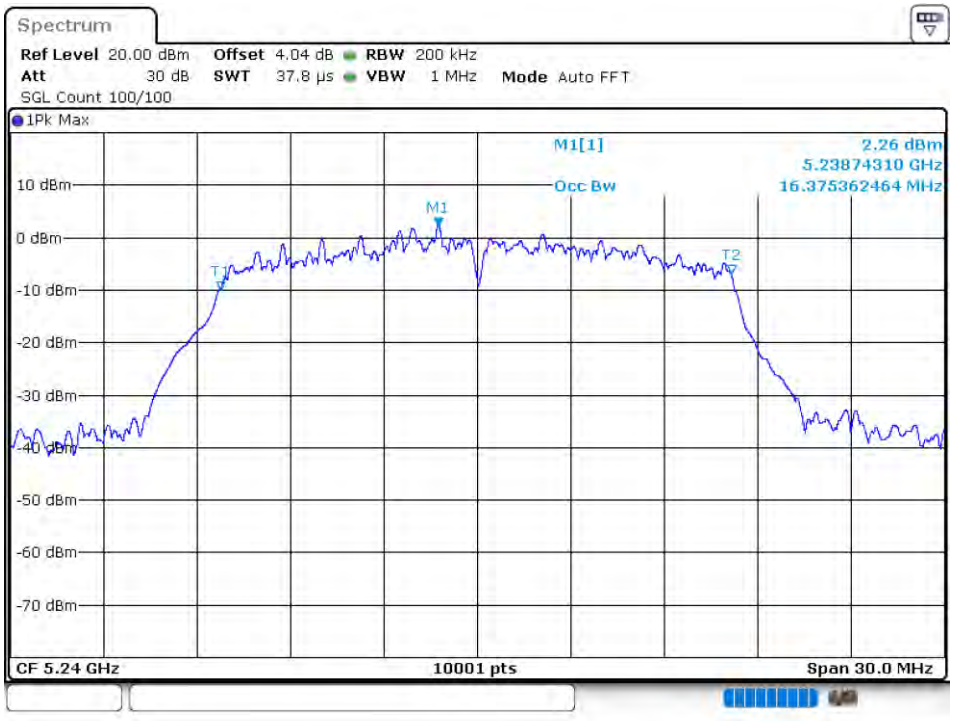
Test Graphs
OBW NVHT a 5180MHz Ant1



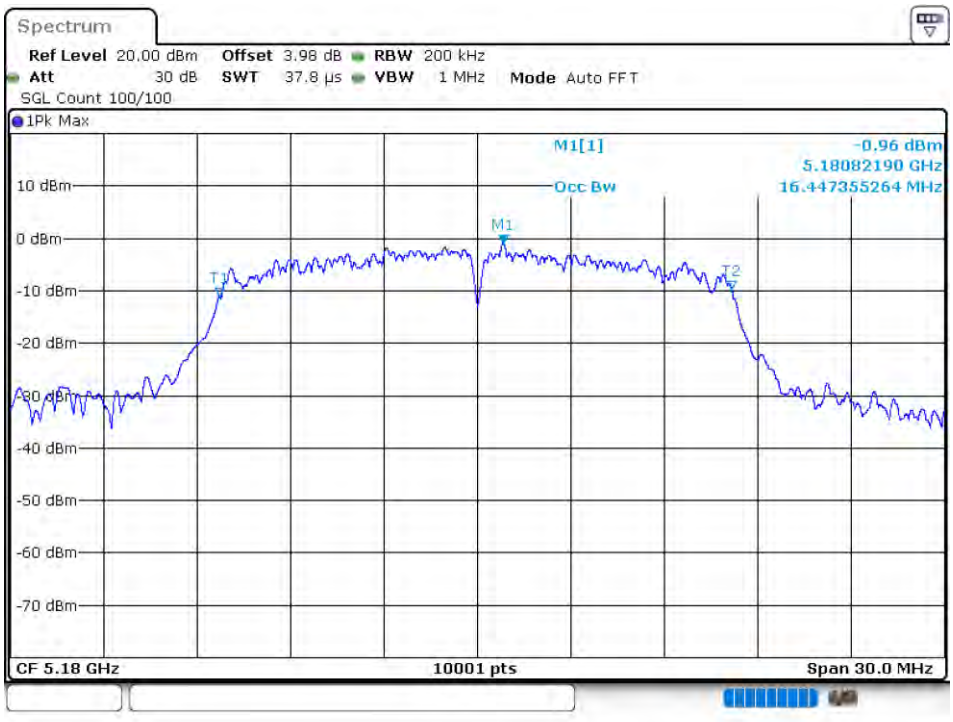
OBW NVHT a 5200MHz Ant1



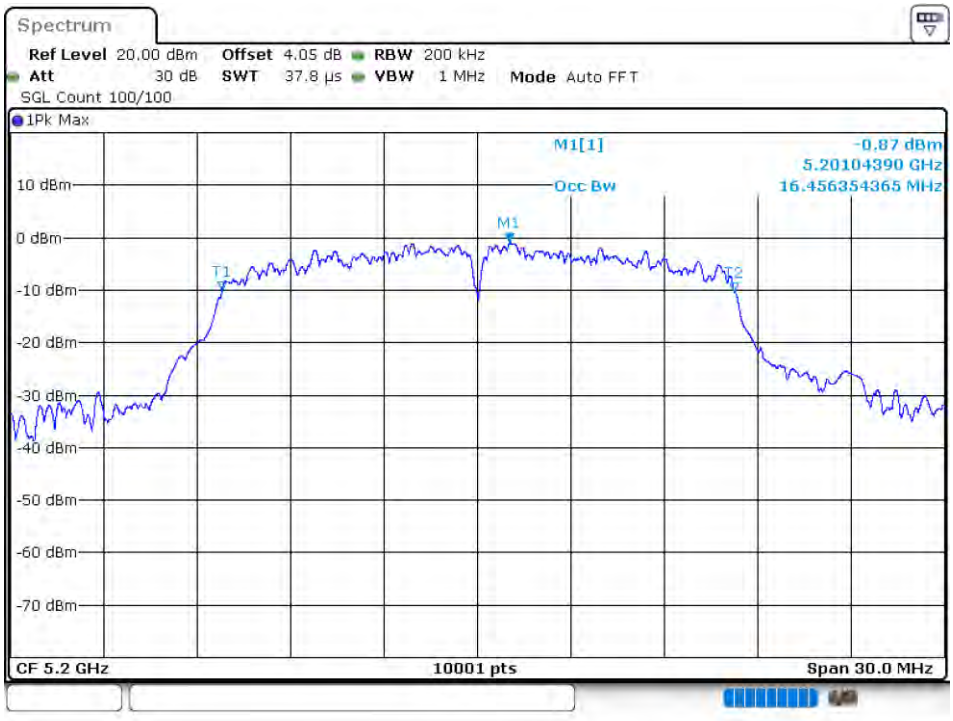
OBW NVHT a 5240MHz Ant1



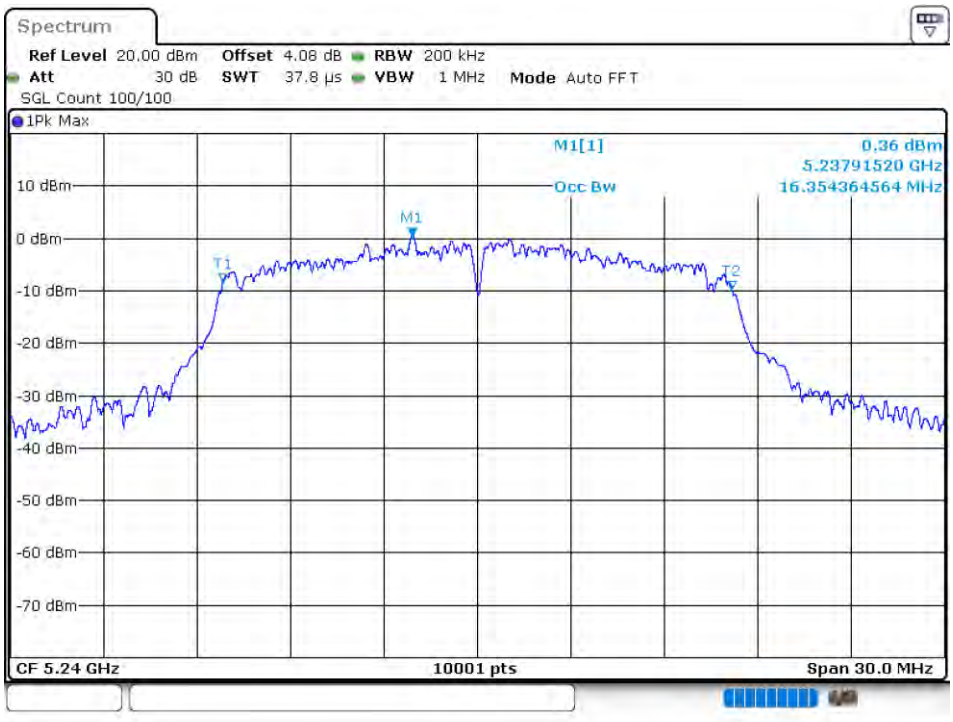
OBW NVNT a 5180MHz Ant2



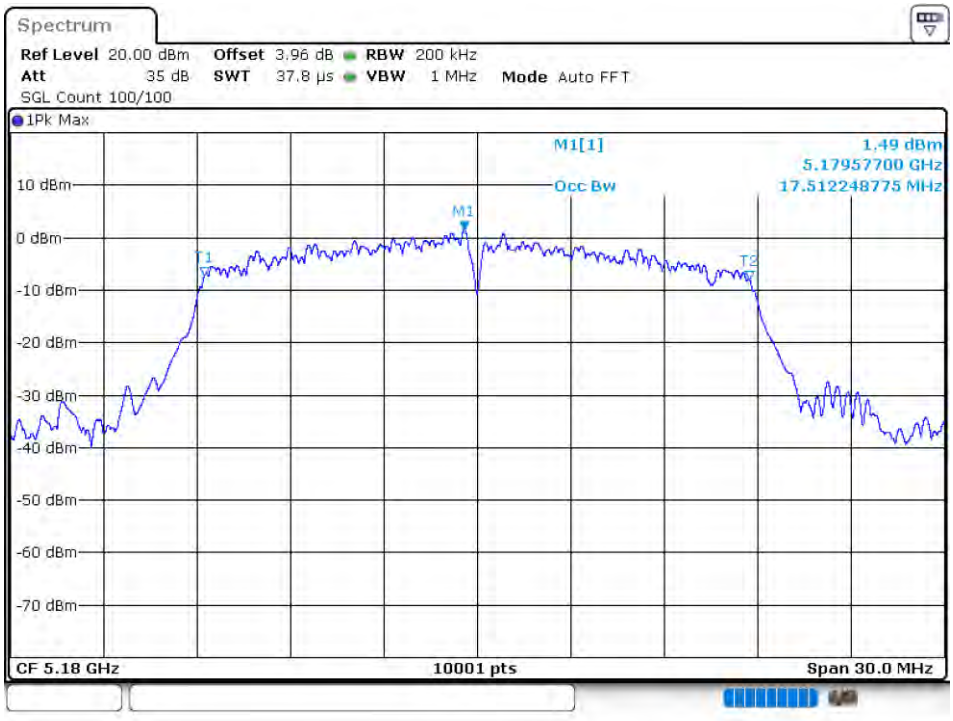
OBW NVNT a 5200MHz Ant2



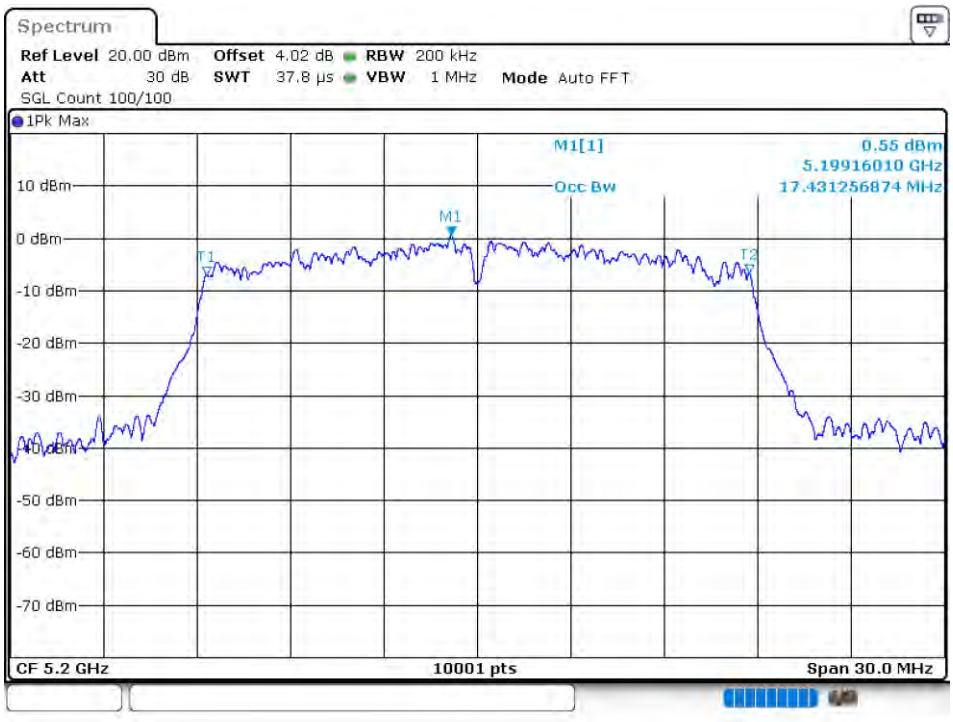
OBW NVNT a 5240MHz Ant2



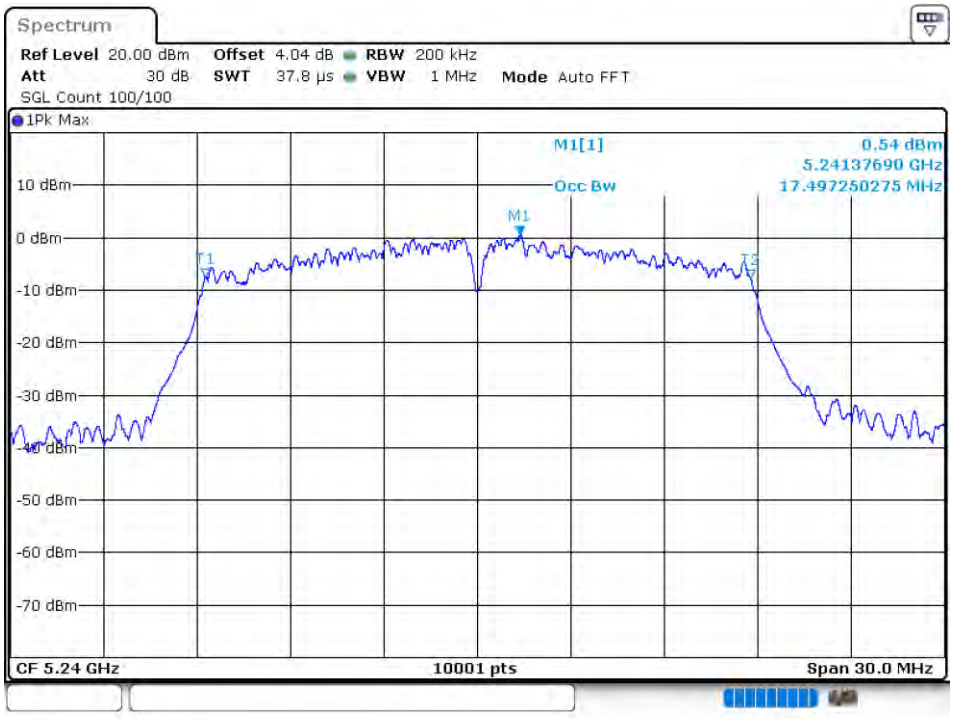
OBW NVHT n20 5180MHz Ant1



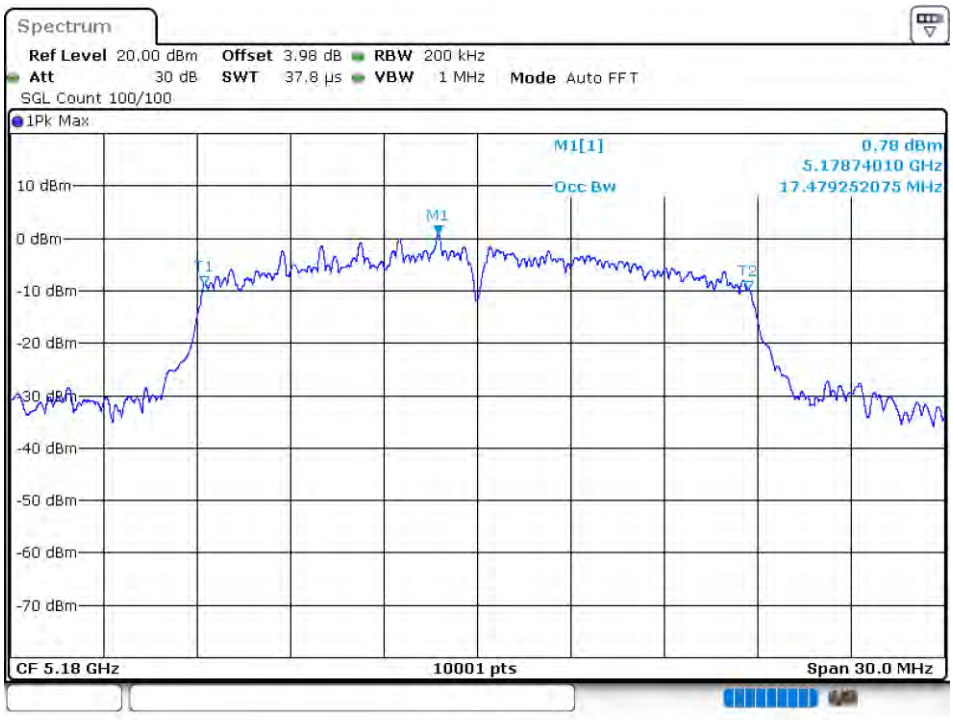
OBW NVHT n20 5200MHz Ant1



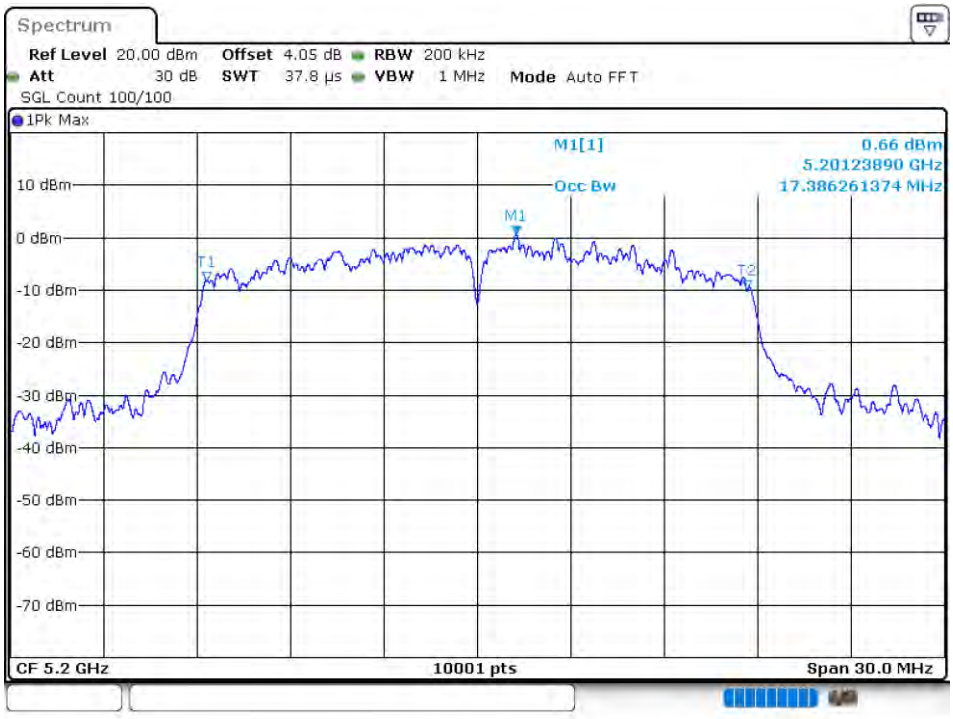
OBW NVHT n20 5240MHz Ant1



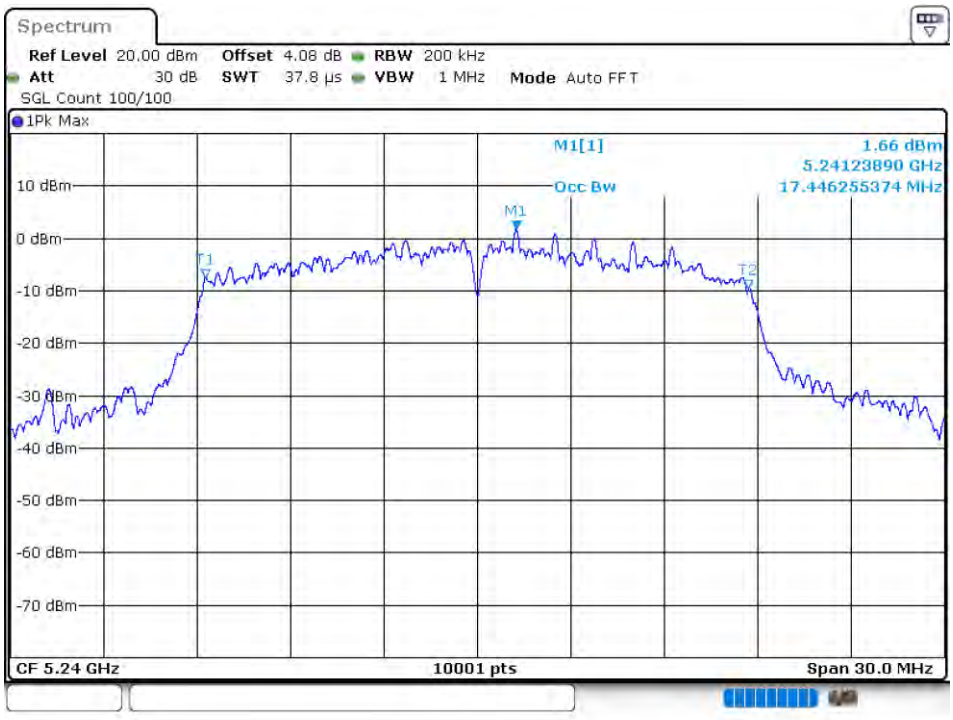
OBW NVNT n20 5180MHz Ant2



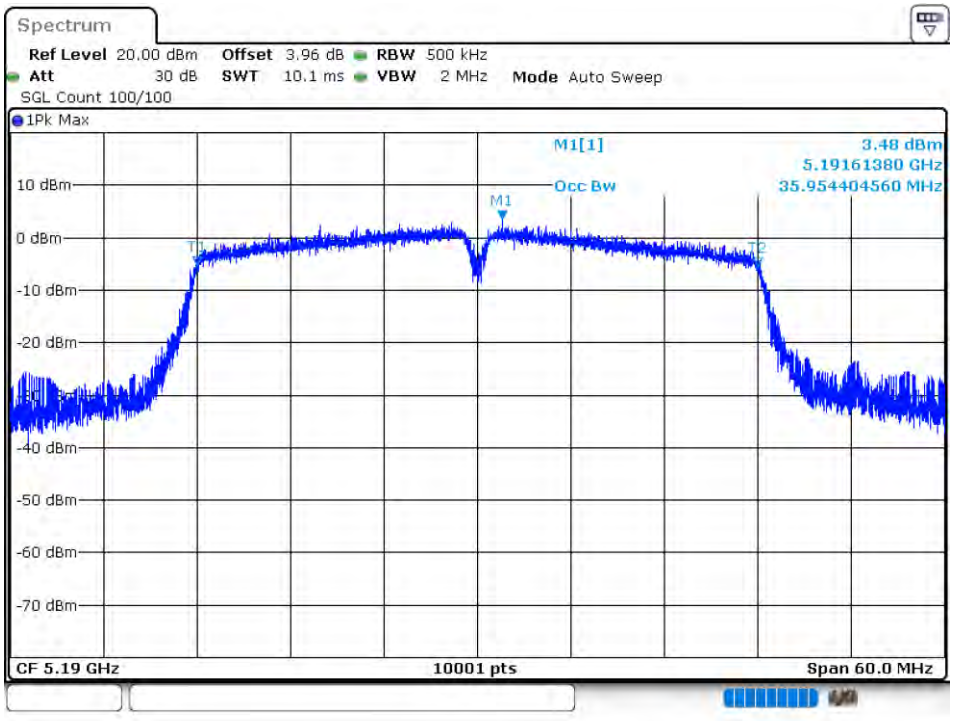
OBW NVNT n20 5200MHz Ant2



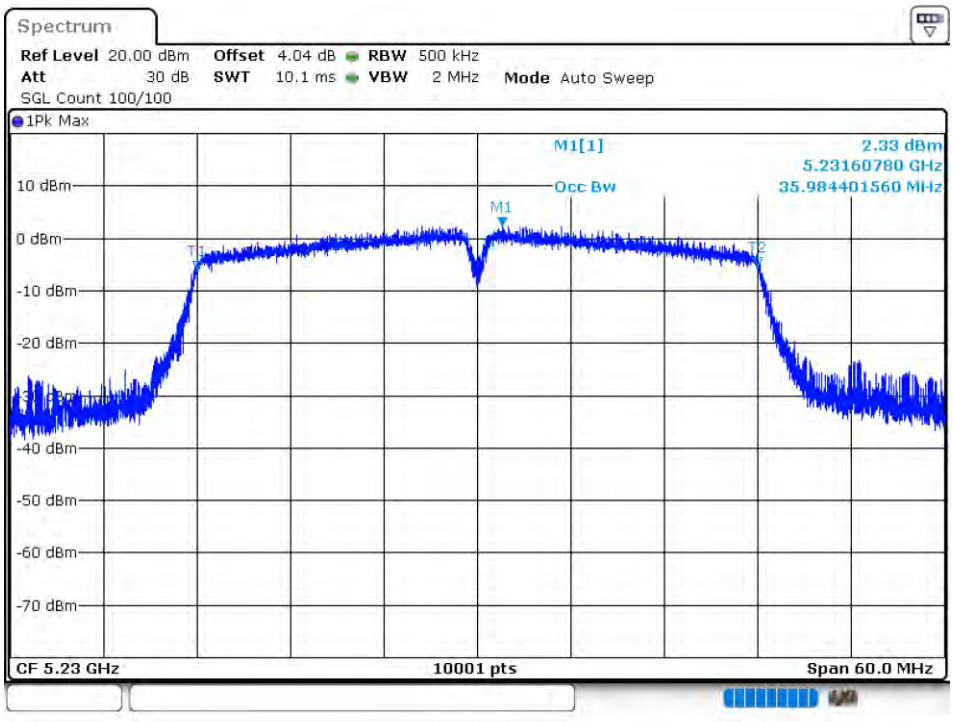
OBW NVNT n20 5240MHz Ant2



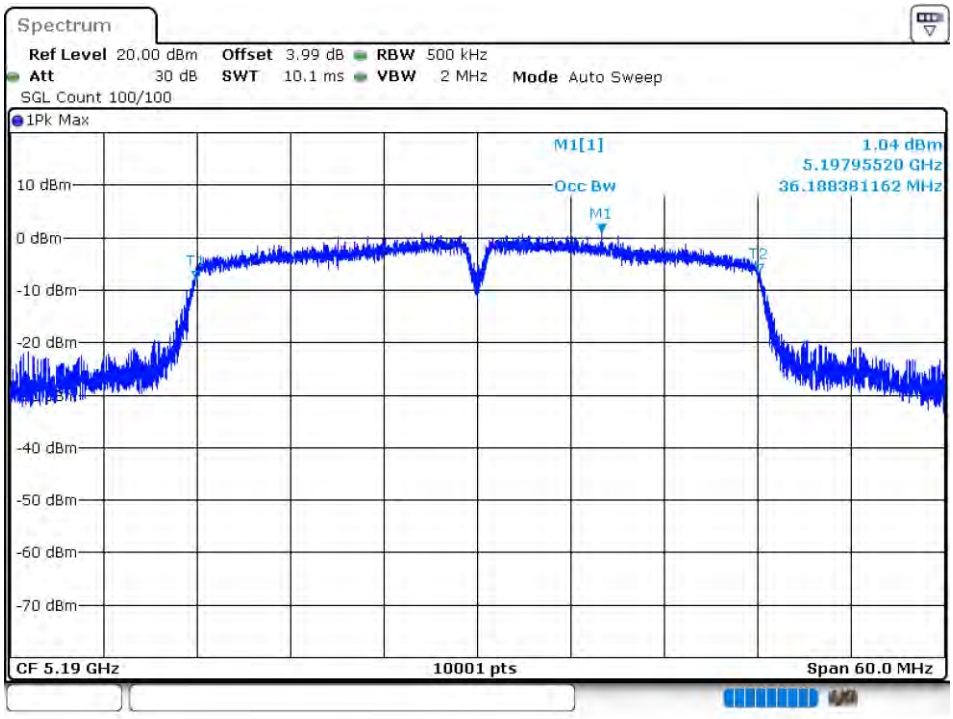
OBW NVHT n40 5190MHz Ant1



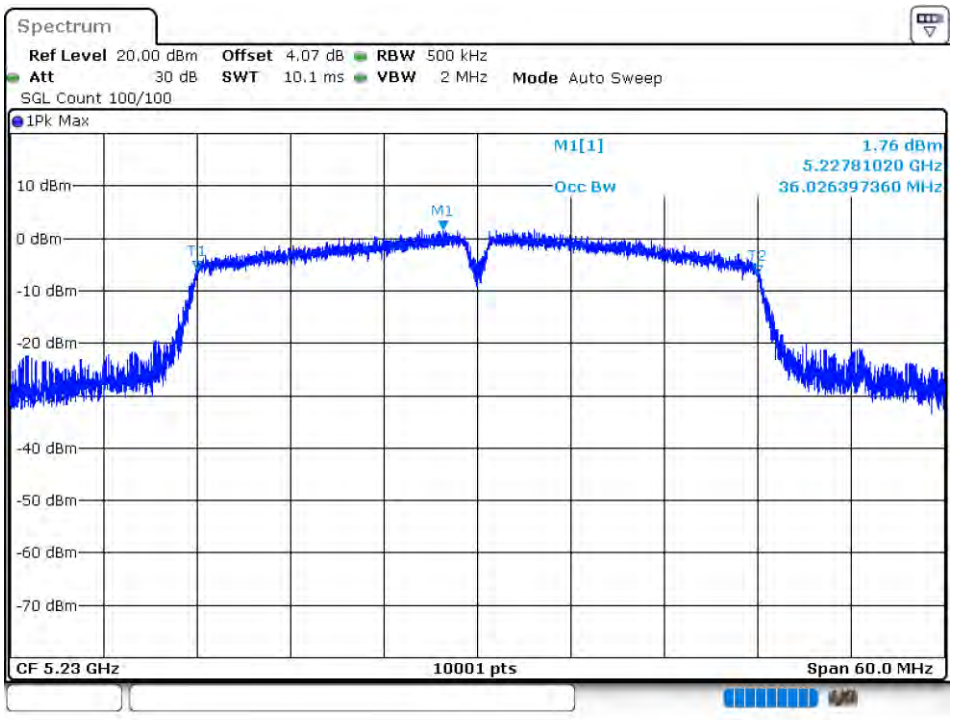
OBW NVHT n40 5230MHz Ant1



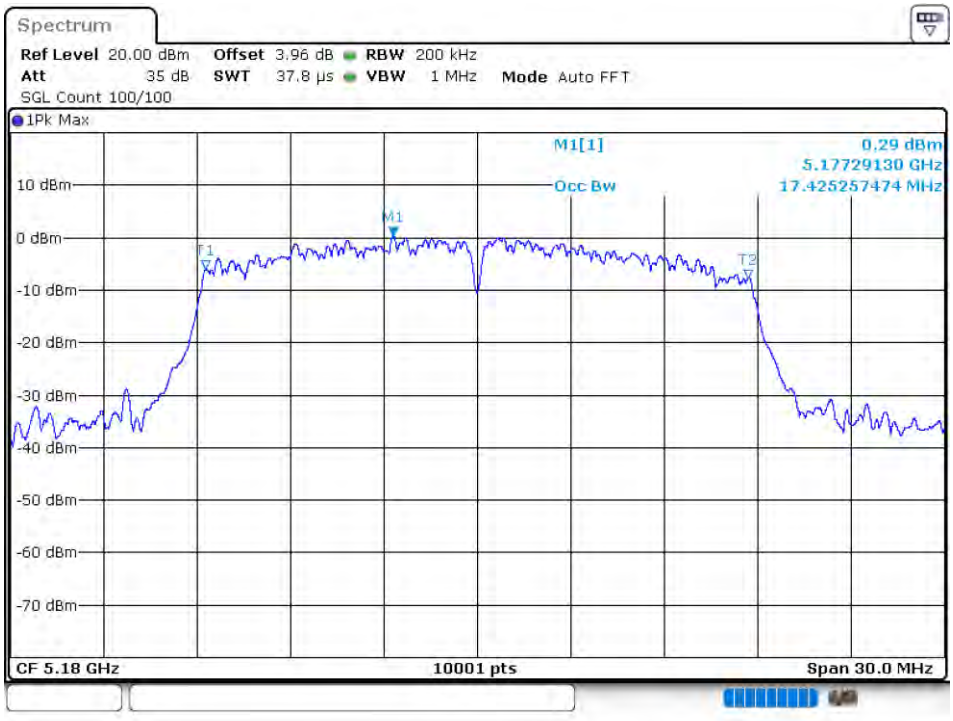
OBW NVNT n40 5190MHz Ant2



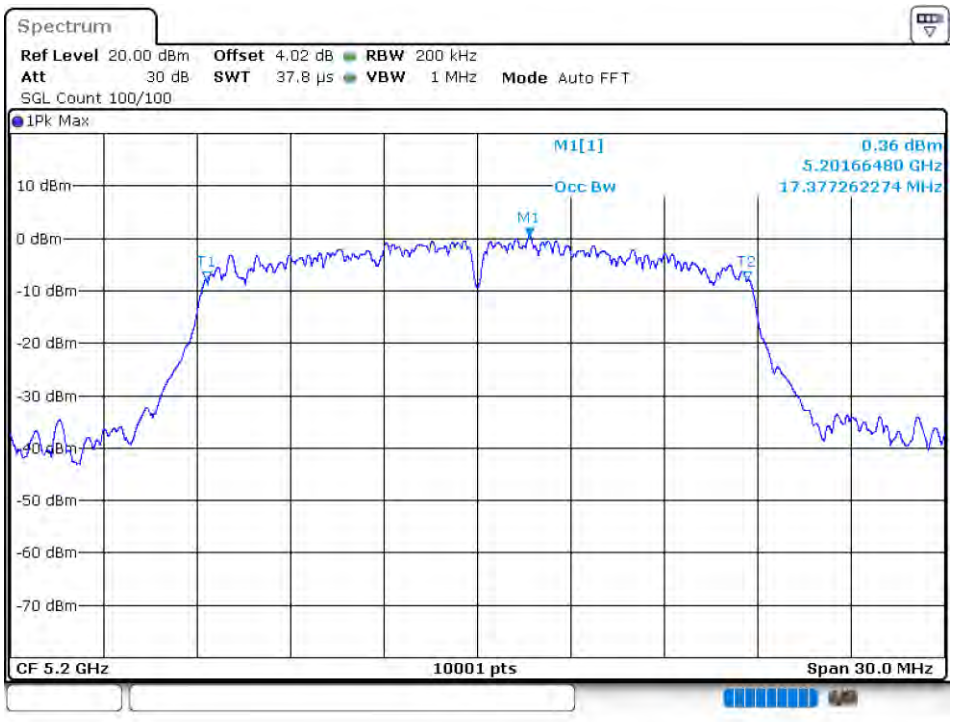
OBW NVNT n40 5230MHz Ant2



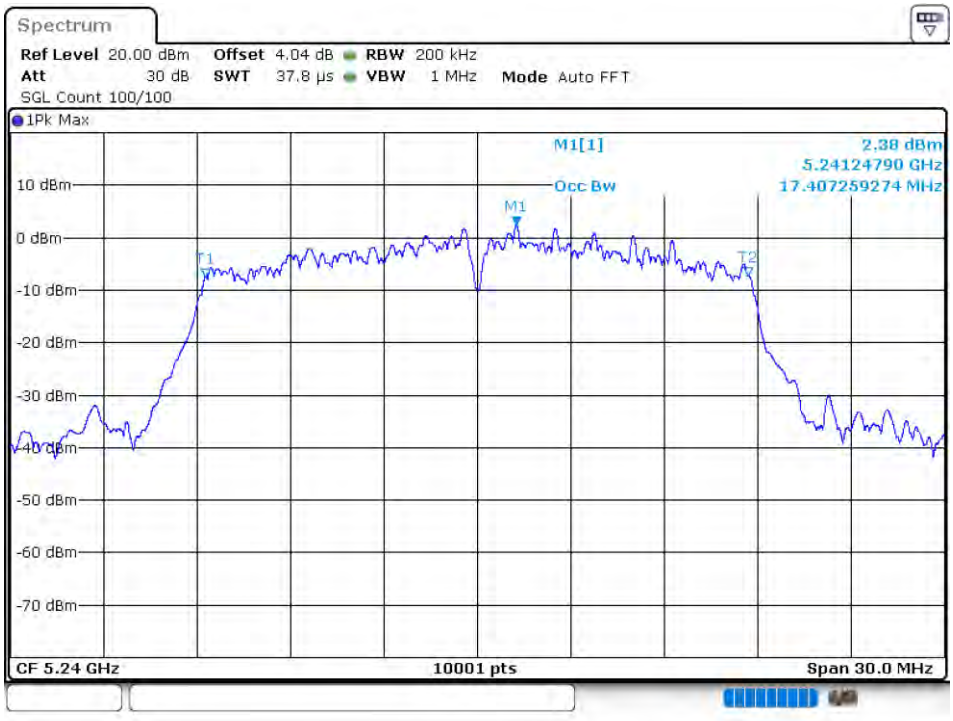
OBW NVHT ac20 5180MHz Ant1



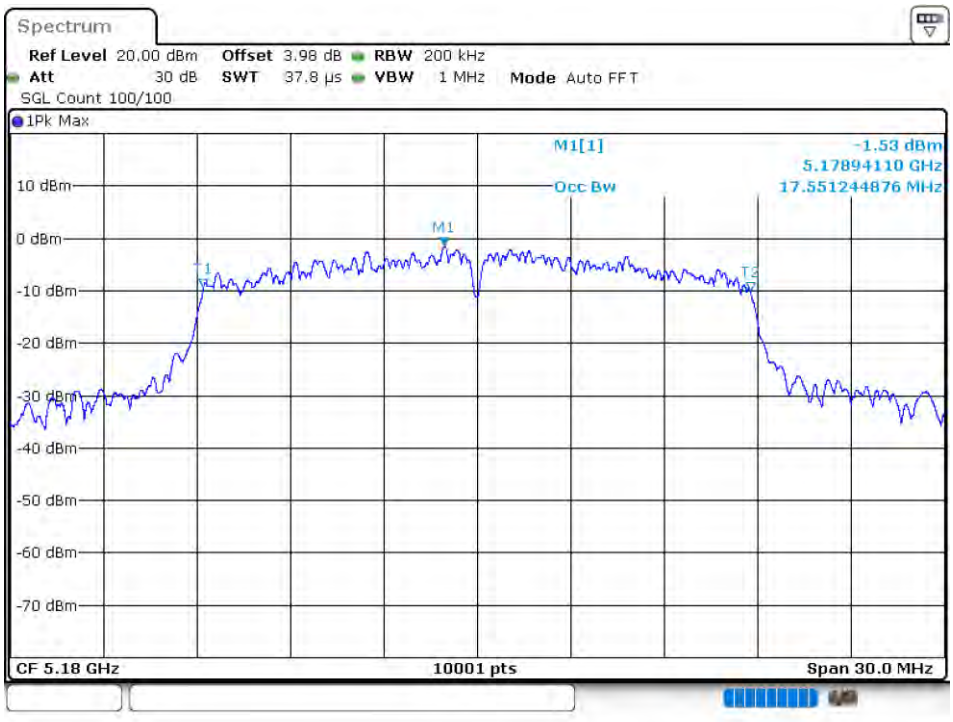
OBW NVHT ac20 5200MHz Ant1



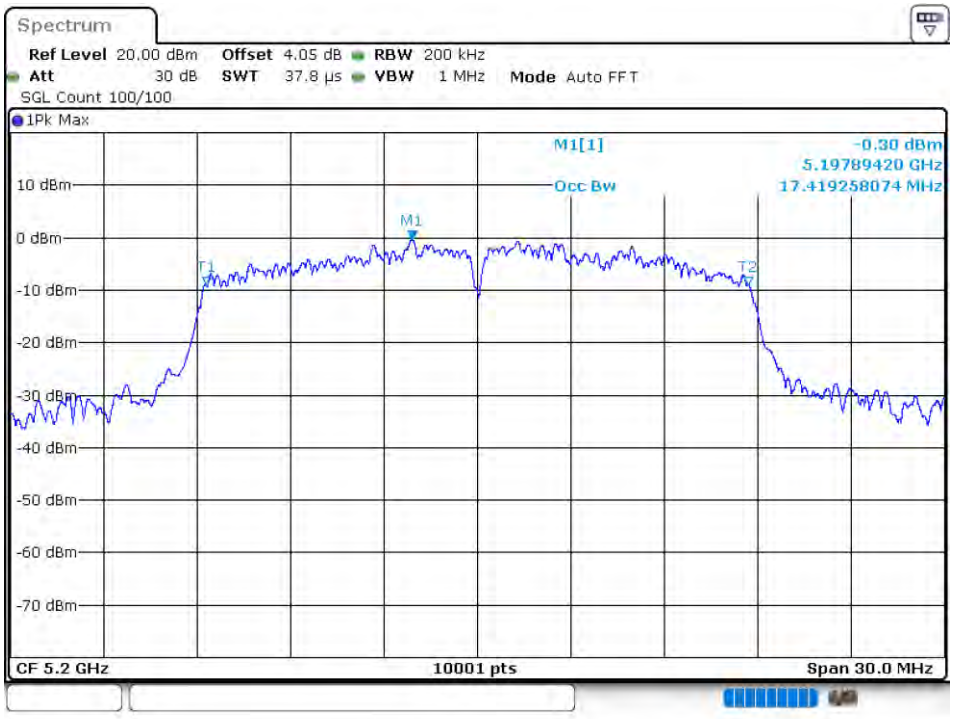
OBW NVHT ac20 5240MHz Ant1



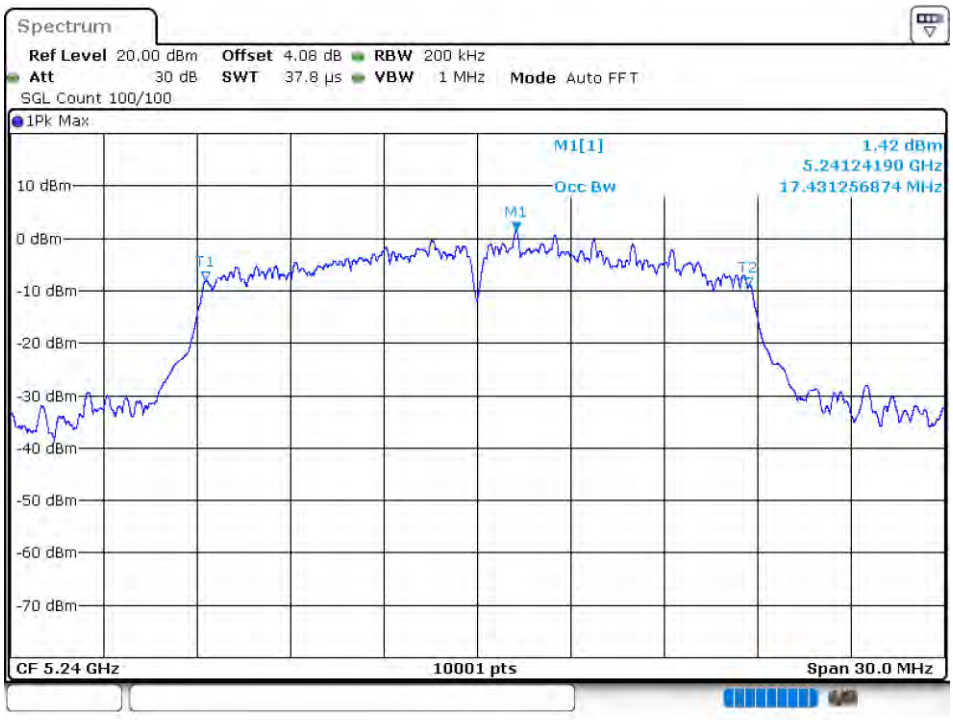
OBW NVNT ac20 5180MHz Ant2



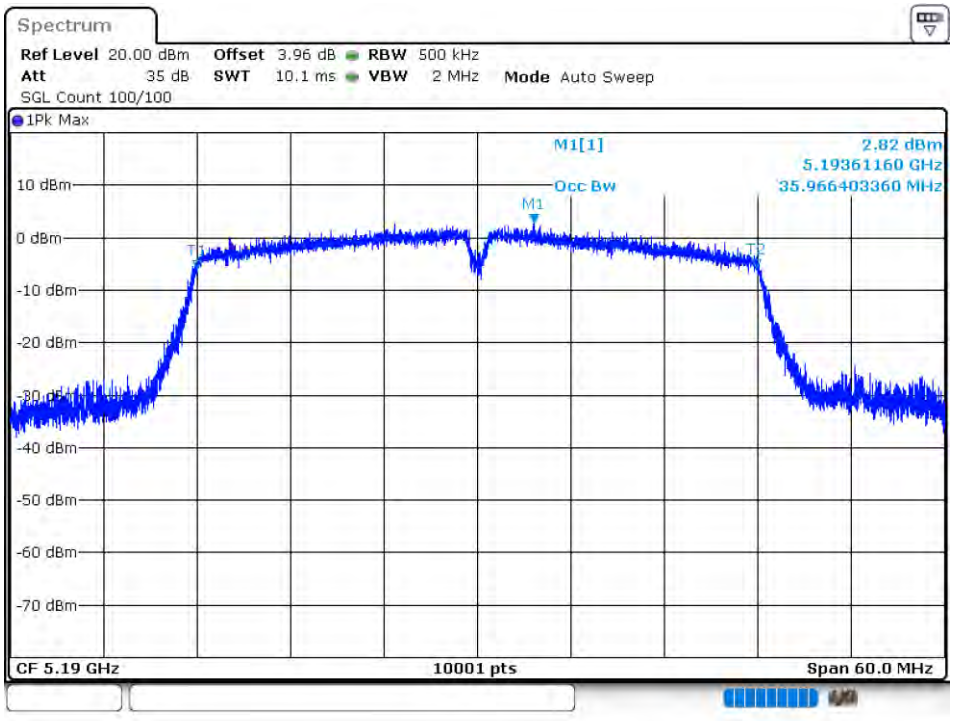
OBW NVNT ac20 5200MHz Ant2



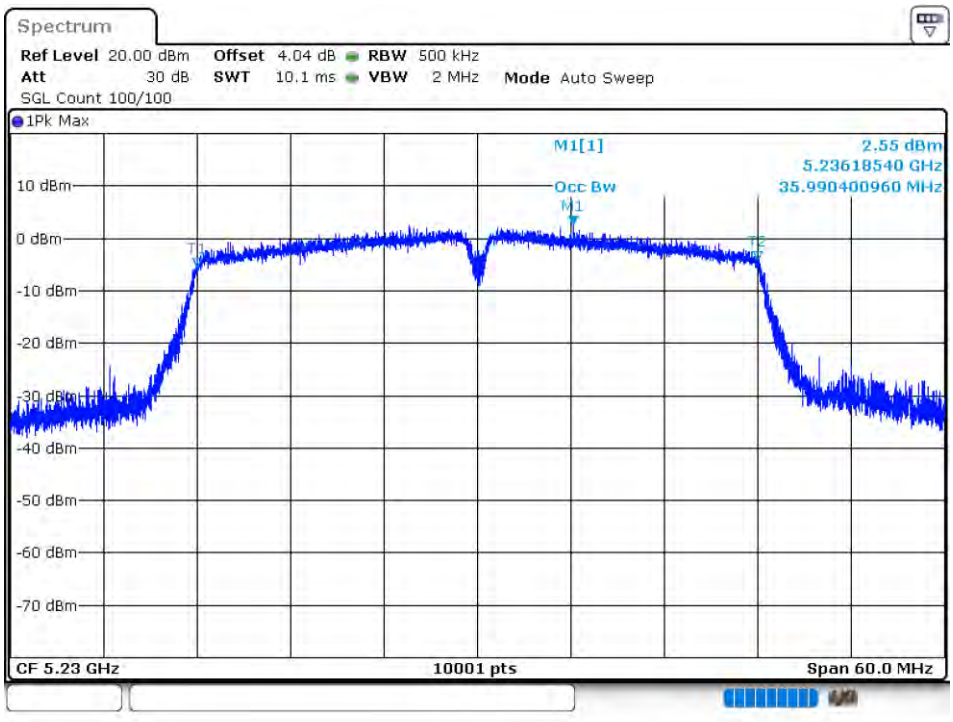
OBW NVNT ac20 5240MHz Ant2



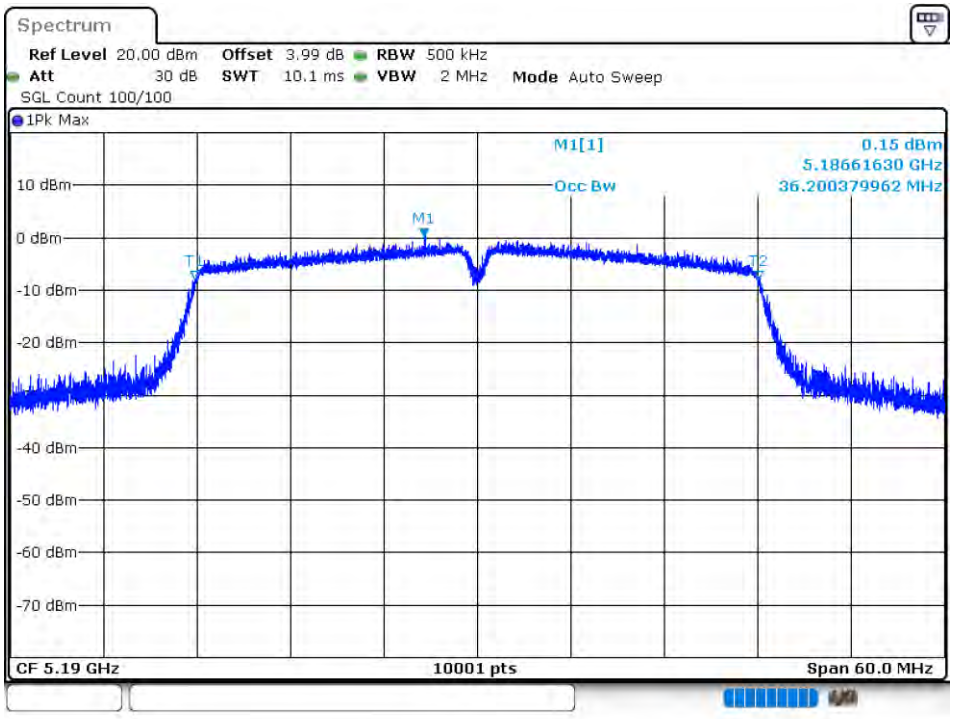
OBW NVHT ac40 5190MHz Ant1



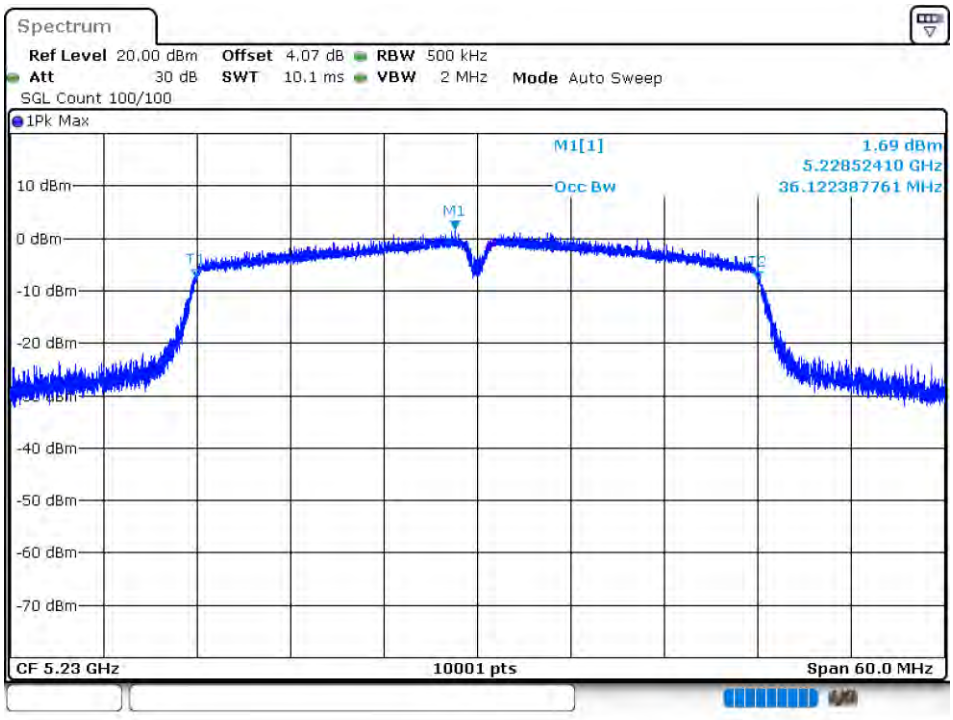
OBW NVHT ac40 5230MHz Ant1



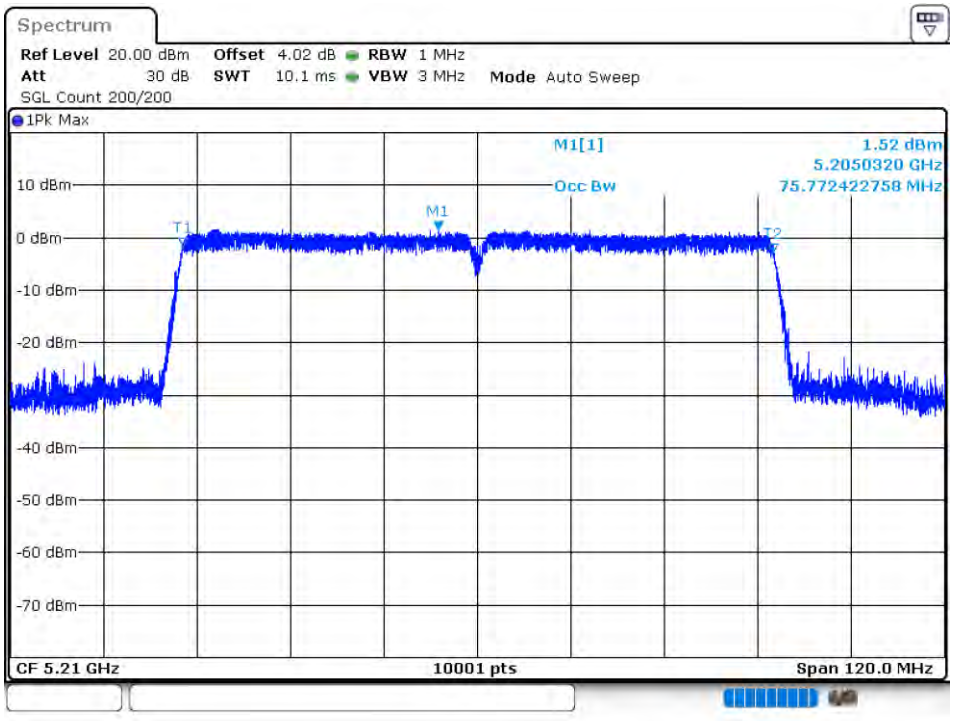
OBW NVNT ac40 5190MHz Ant2



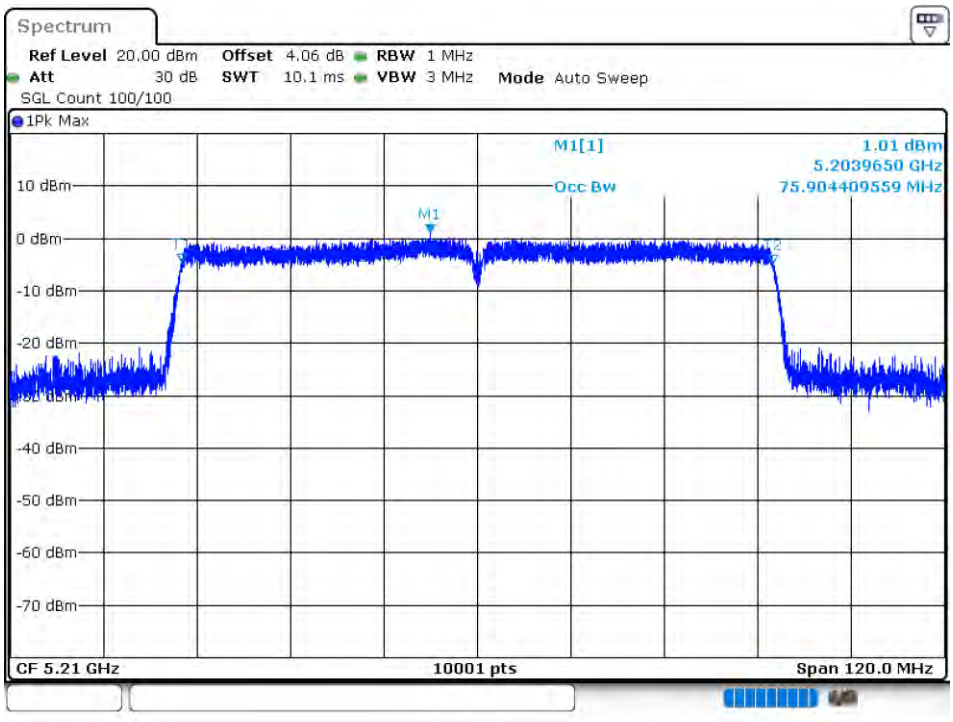
OBW NVNT ac40 5230MHz Ant2



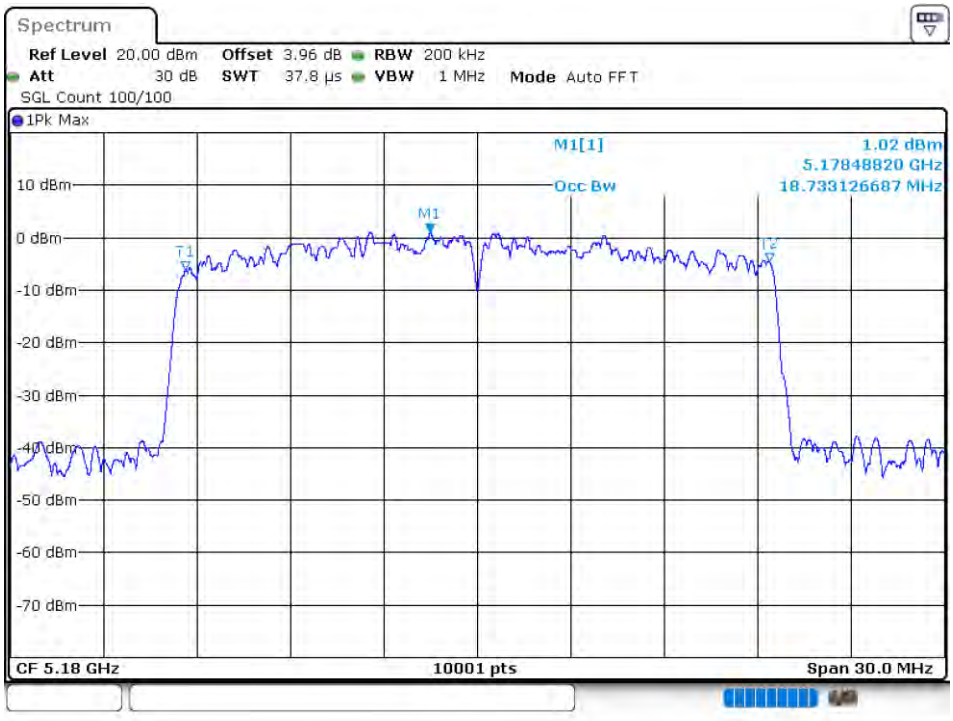
OBW NVHT ac80 5210MHz Ant1



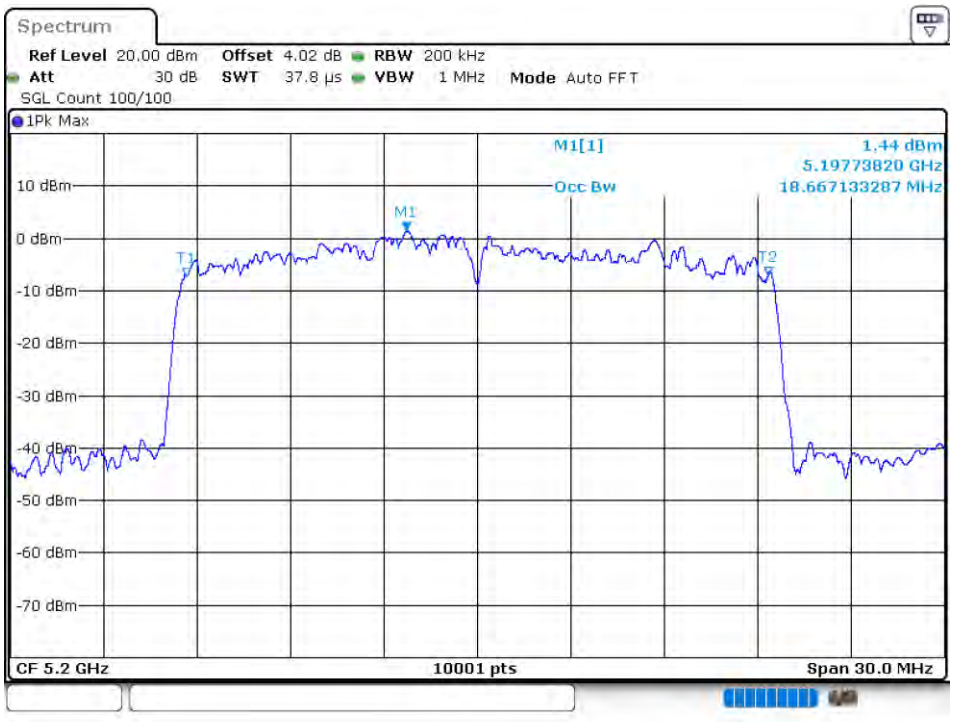
OBW NVNT ac80 5210MHz Ant2



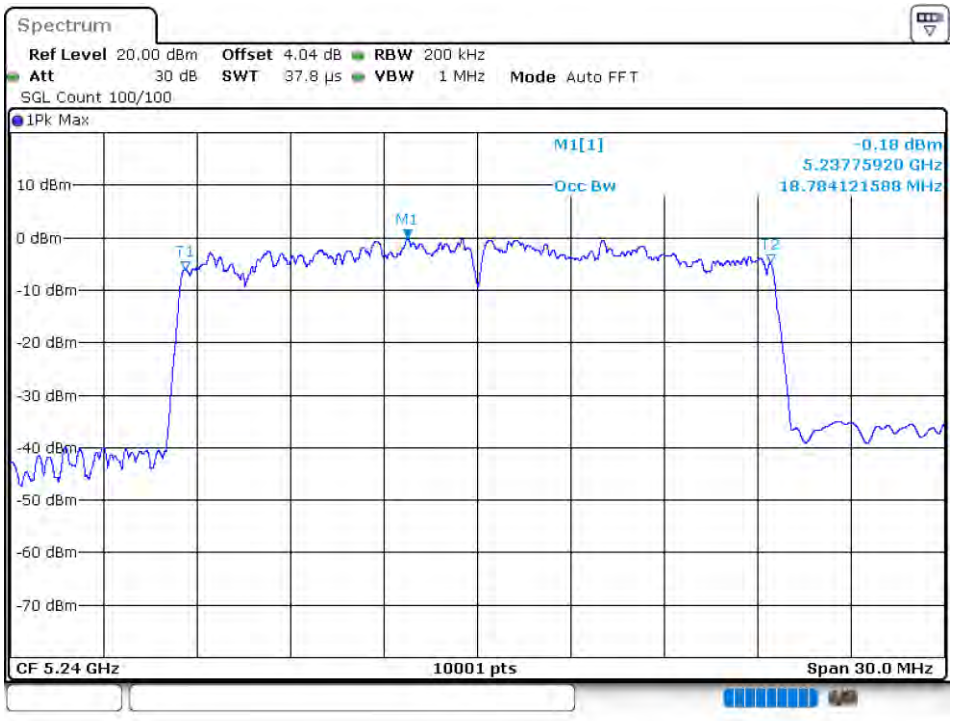
OBW NVHT ax20 5180MHz Ant1



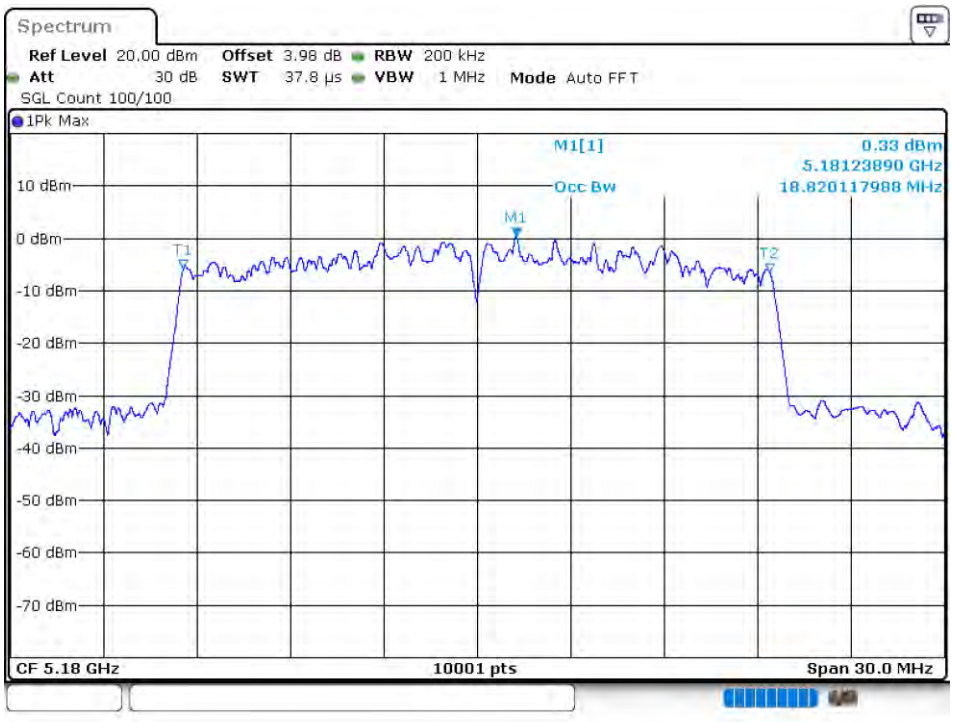
OBW NVHT ax20 5200MHz Ant1



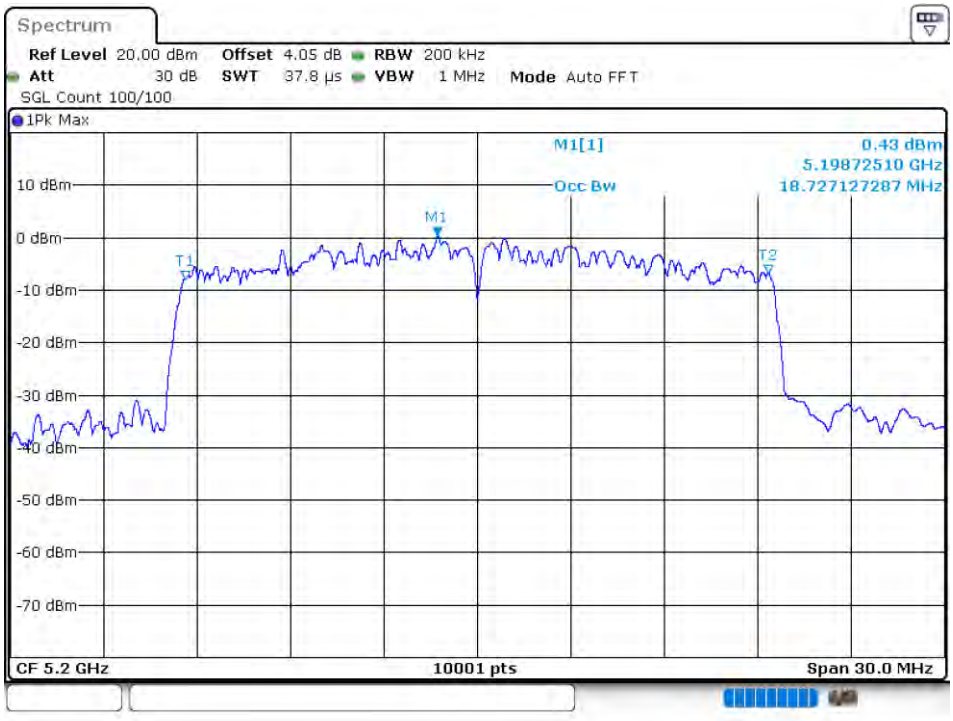
OBW NVHT ax20 5240MHz Ant1



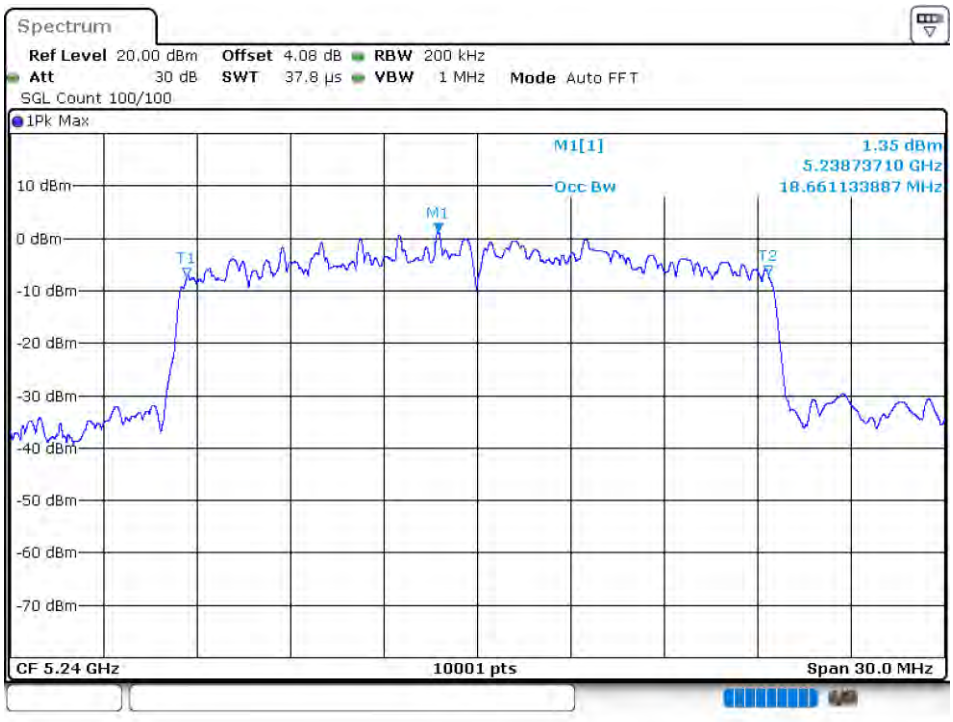
OBW NVNT ax20 5180MHz Ant2



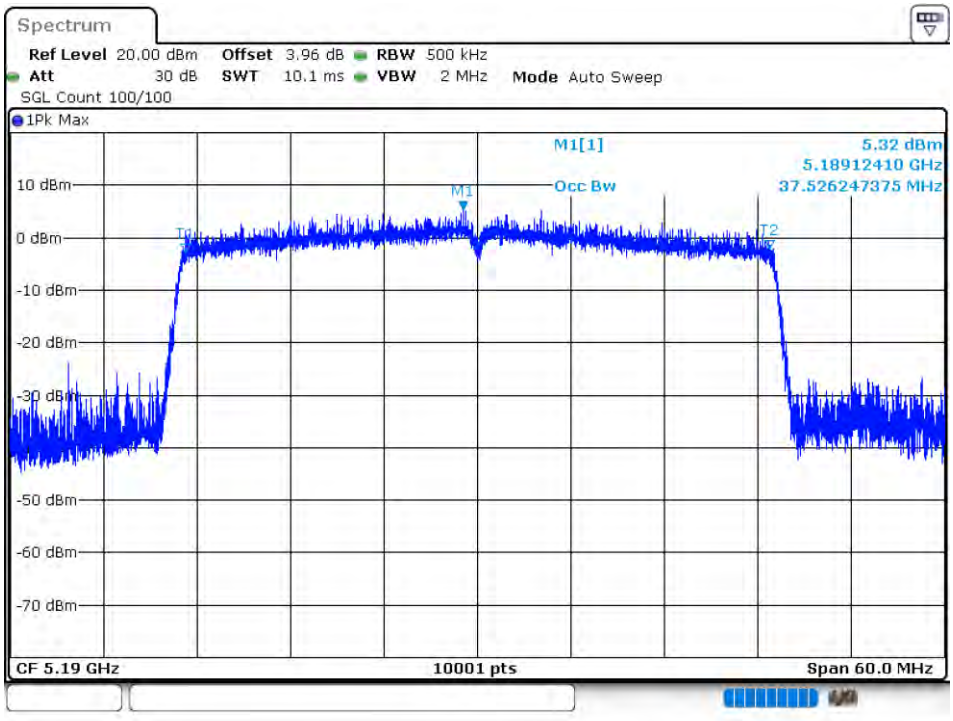
OBW NVNT ax20 5200MHz Ant2



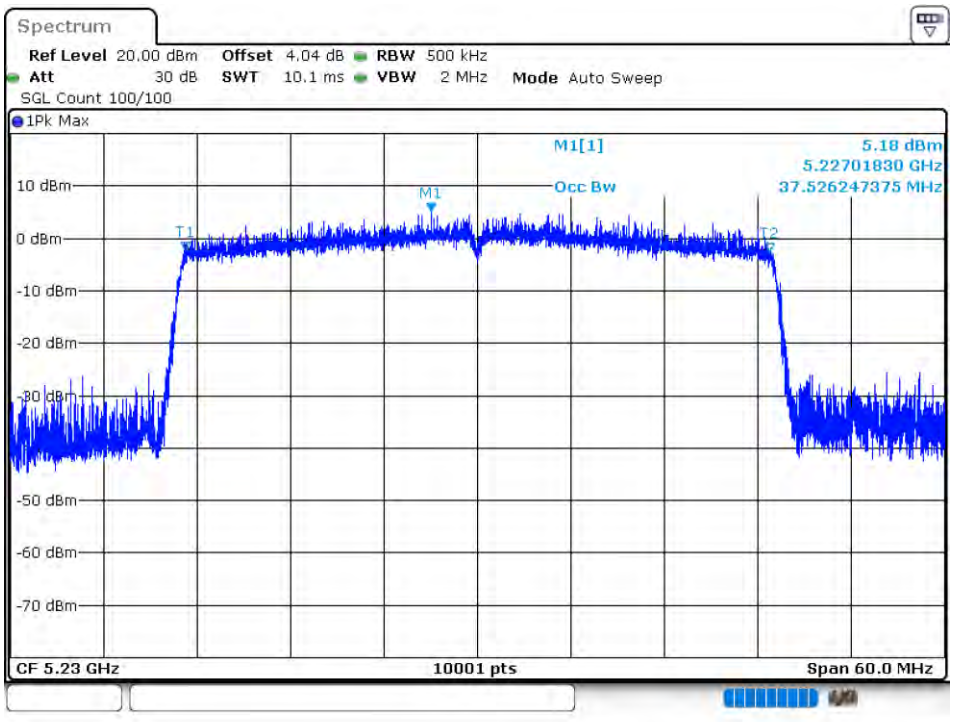
OBW NVNT ax20 5240MHz Ant2



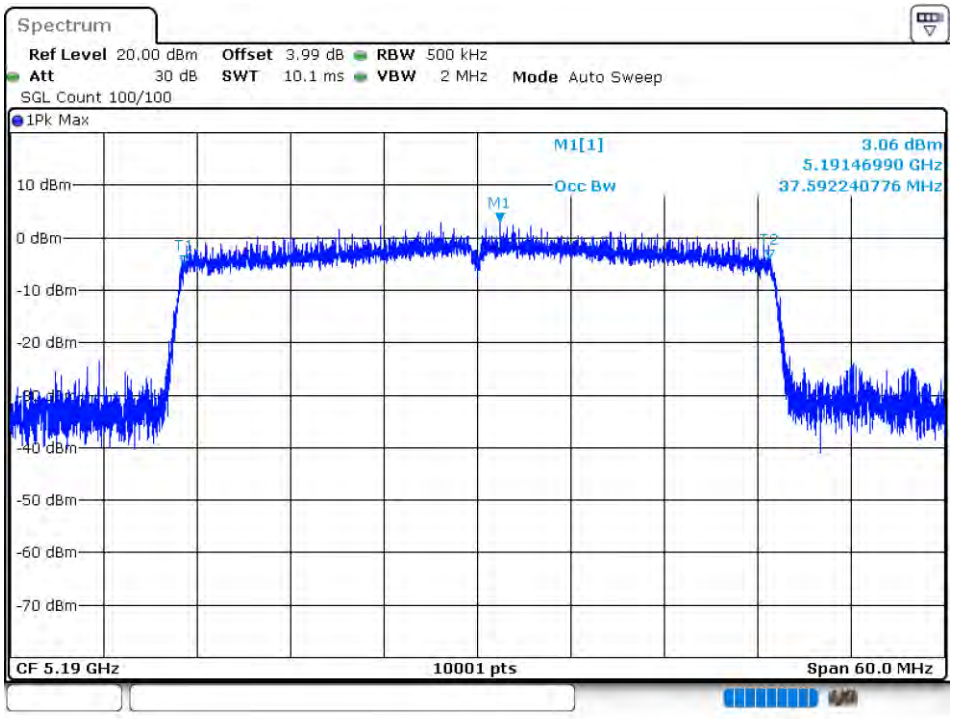
OBW NVHT ax40 5190MHz Ant1



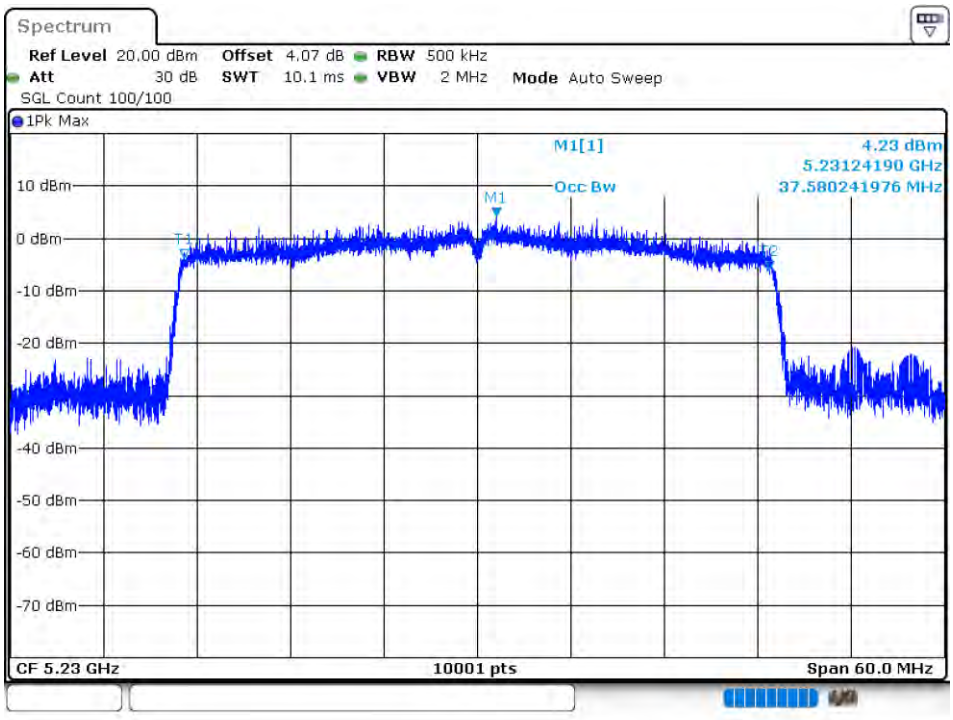
OBW NVHT ax40 5230MHz Ant1



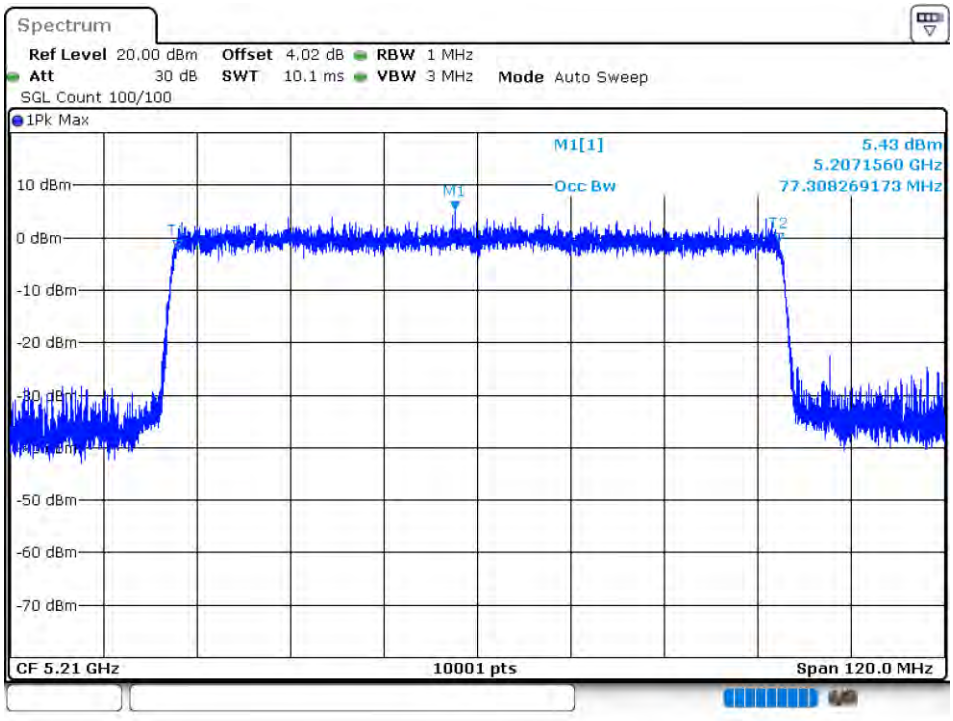
OBW NVNT ax40 5190MHz Ant2



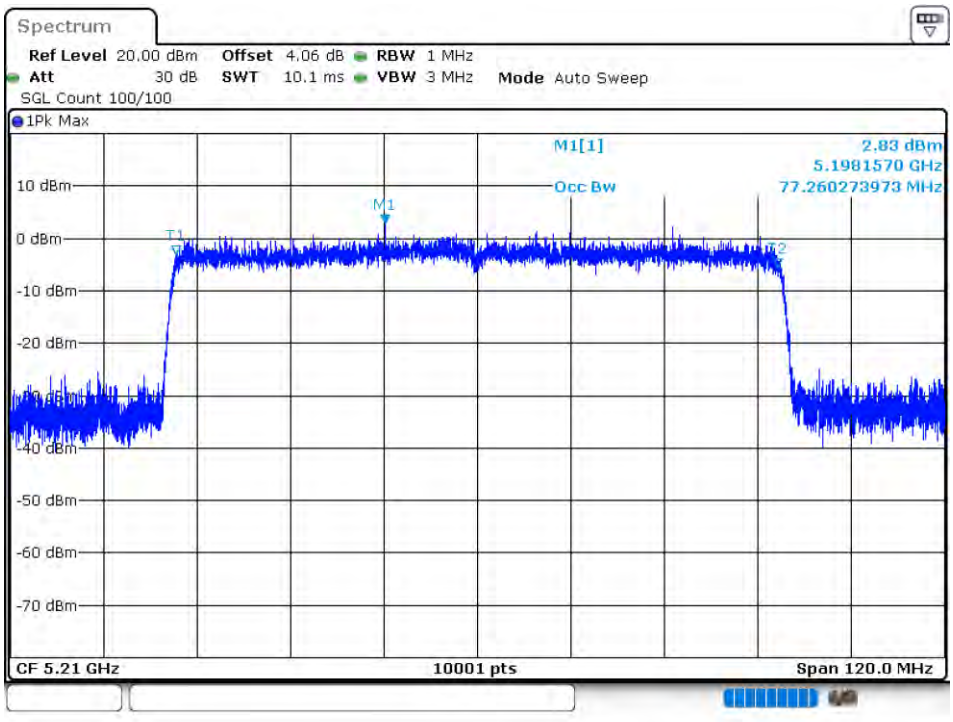
OBW NVNT ax40 5230MHz Ant2



OBW NVHT ax80 5210MHz Ant1



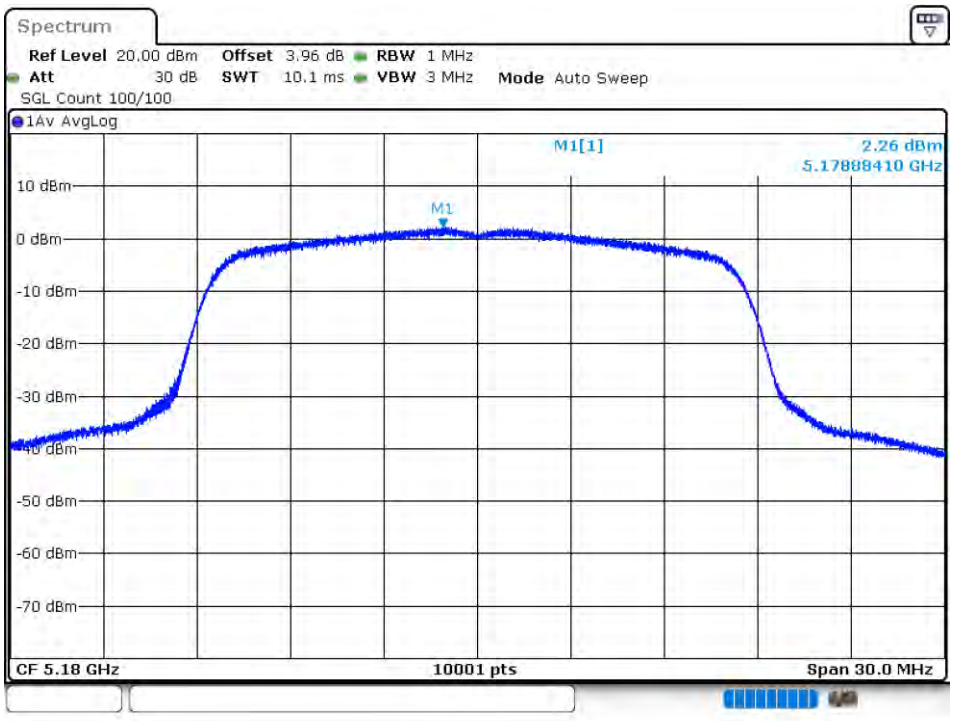
OBW NVNT ax80 5210MHz Ant2



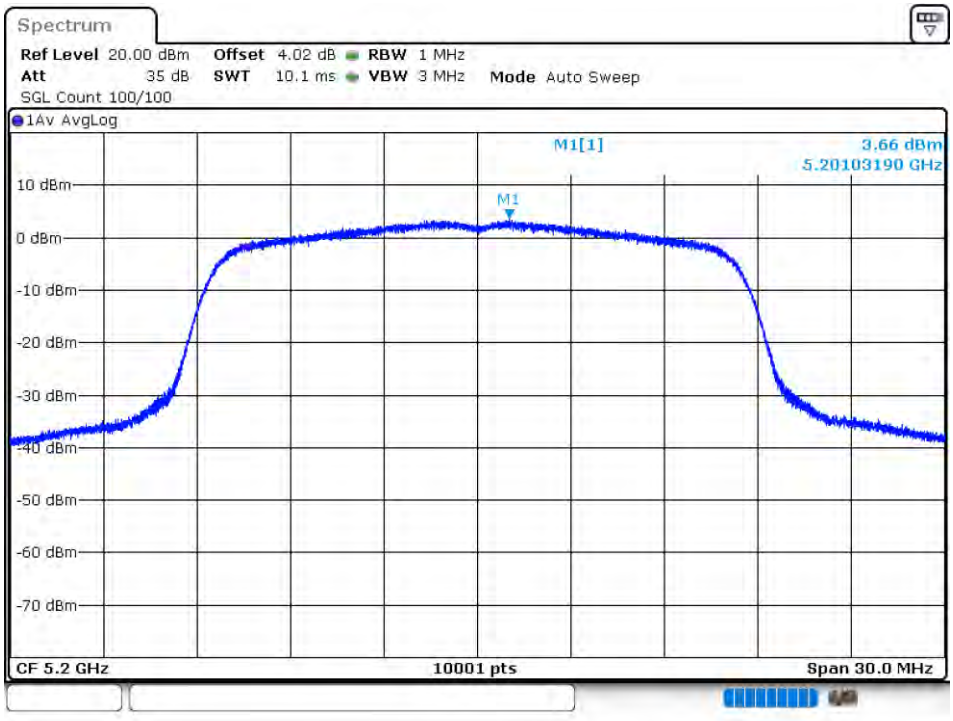
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.26	0	2.26	11	Pass
NVNT	a	5200	Ant1	3.66	0	3.66	11	Pass
NVNT	a	5240	Ant1	3.34	0	3.34	11	Pass
NVNT	a	5180	Ant2	-2.99	0	-2.99	11	Pass
NVNT	a	5200	Ant2	-2.11	0	-2.11	11	Pass
NVNT	a	5240	Ant2	-1.7	0	-1.7	11	Pass
NVNT	n20	5180	Ant1	2.7	0	2.7	11	Pass
NVNT	n20	5200	Ant1	2.75	0	2.75	11	Pass
NVNT	n20	5240	Ant1	2.98	0	2.98	11	Pass
NVNT	n20	5180	Ant2	-3.3	0	-3.3	11	Pass
NVNT	n20	5200	Ant2	-2.56	0	-2.56	11	Pass
NVNT	n20	5240	Ant2	-2.41	0	-2.41	11	Pass
NVNT	n40	5190	Ant1	-0.09	0	-0.09	11	Pass
NVNT	n40	5230	Ant1	-0.23	0	-0.23	11	Pass
NVNT	n40	5190	Ant2	-6.55	0	-6.55	11	Pass
NVNT	n40	5230	Ant2	-5.21	0	-5.21	11	Pass
NVNT	ac20	5180	Ant1	2.77	0	2.77	11	Pass
NVNT	ac20	5200	Ant1	2.8	0	2.8	11	Pass
NVNT	ac20	5240	Ant1	2.97	0	2.97	11	Pass
NVNT	ac20	5180	Ant2	-3.13	0	-3.13	11	Pass
NVNT	ac20	5200	Ant2	-2.62	0	-2.62	11	Pass
NVNT	ac20	5240	Ant2	-2.35	0	-2.35	11	Pass
NVNT	ac40	5190	Ant1	-0.14	0	-0.14	11	Pass
NVNT	ac40	5230	Ant1	0.18	0	0.18	11	Pass
NVNT	ac40	5190	Ant2	-6.22	0	-6.22	11	Pass
NVNT	ac40	5230	Ant2	-4.66	0	-4.66	11	Pass
NVNT	ac80	5210	Ant1	-4.97	0	-4.97	11	Pass
NVNT	ac80	5210	Ant2	-10.63	0	-10.63	11	Pass
NVNT	ax20	5180	Ant1	2.53	0	2.53	11	Pass
NVNT	ax20	5200	Ant1	2.62	0	2.62	11	Pass
NVNT	ax20	5240	Ant1	2.86	0	2.86	11	Pass
NVNT	ax20	5180	Ant2	-3.34	0	-3.34	11	Pass
NVNT	ax20	5200	Ant2	-2.85	0	-2.85	11	Pass
NVNT	ax20	5240	Ant2	-2.54	0	-2.54	11	Pass
NVNT	ax40	5190	Ant1	-0.8	0	-0.8	11	Pass
NVNT	ax40	5230	Ant1	-0.17	0	-0.17	11	Pass
NVNT	ax40	5190	Ant2	-6.87	0	-6.87	11	Pass
NVNT	ax40	5230	Ant2	-5.68	0	-5.68	11	Pass
NVNT	ax80	5210	Ant1	-4.64	0	-4.64	11	Pass
NVNT	ax80	5210	Ant2	-10.64	0	-10.64	11	Pass

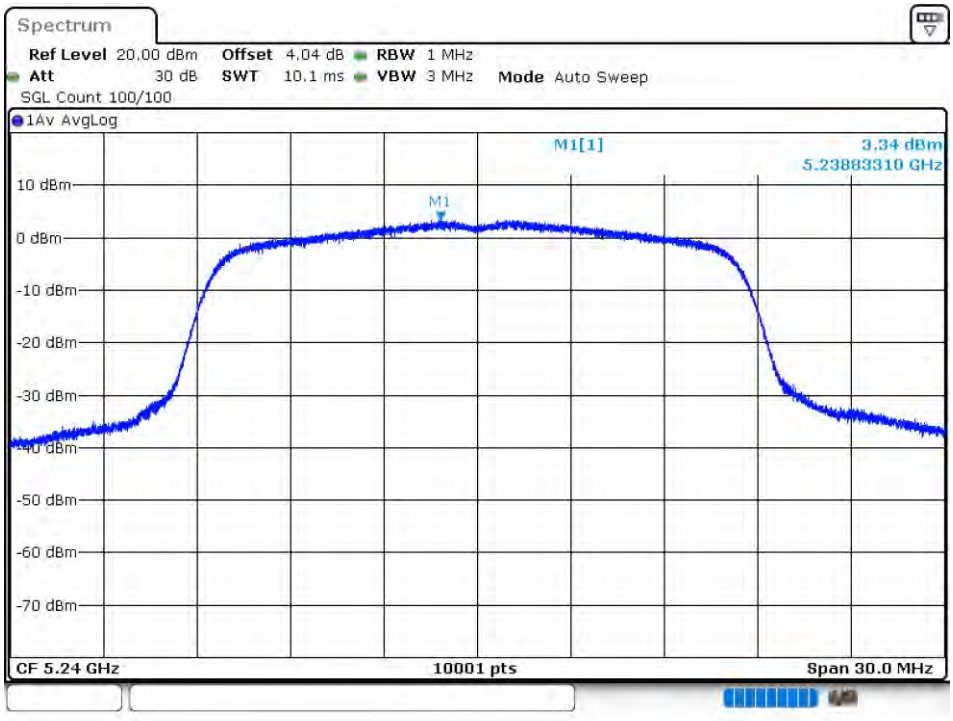
Test Graphs
PSD NVNT a 5180MHz Ant1



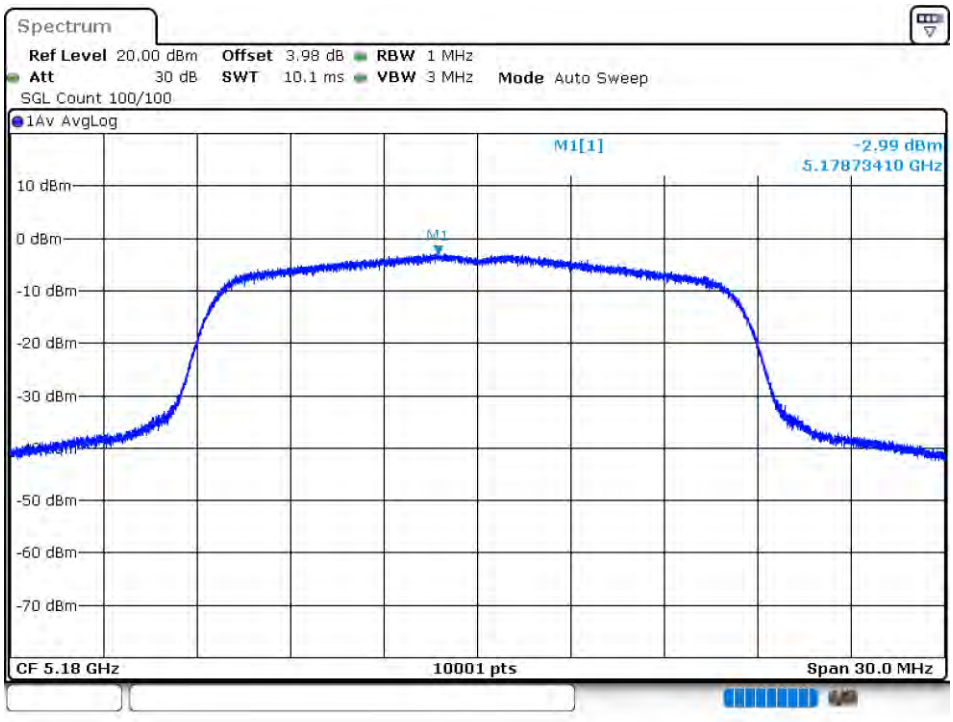
PSD NVNT a 5200MHz Ant1



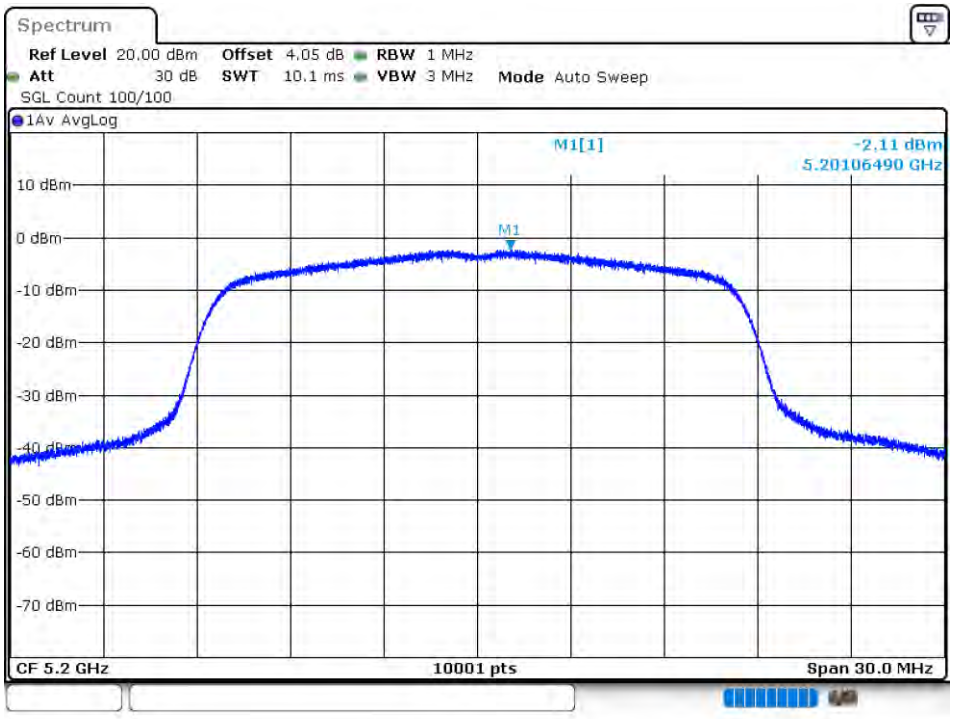
PSD NVNT a 5240MHz Ant1



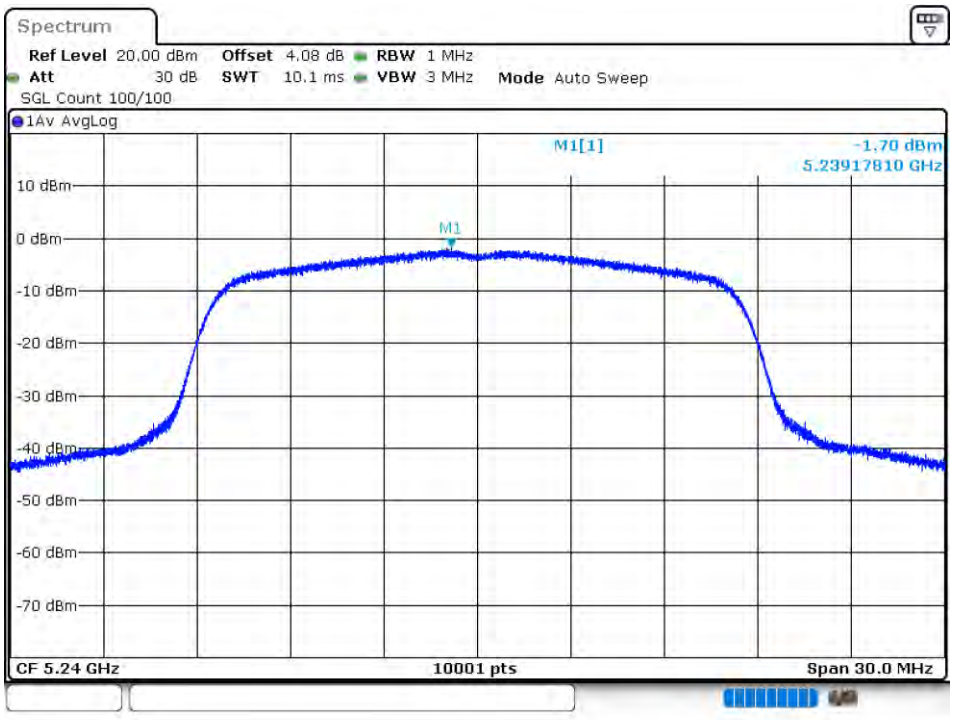
PSD NVNT a 5180MHz Ant2



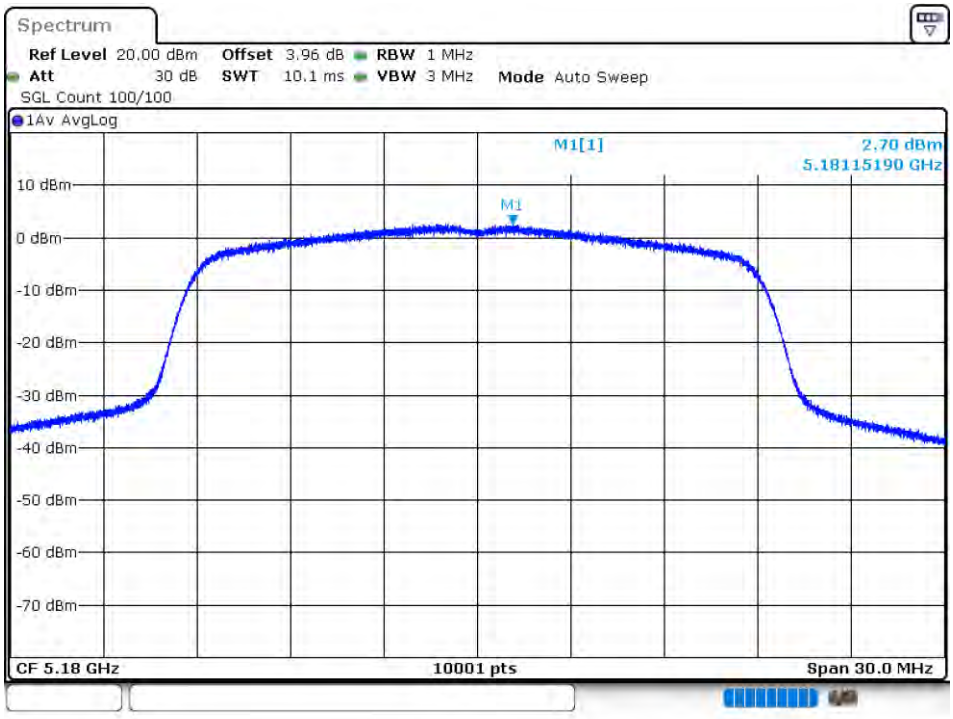
PSD NVNT a 5200MHz Ant2



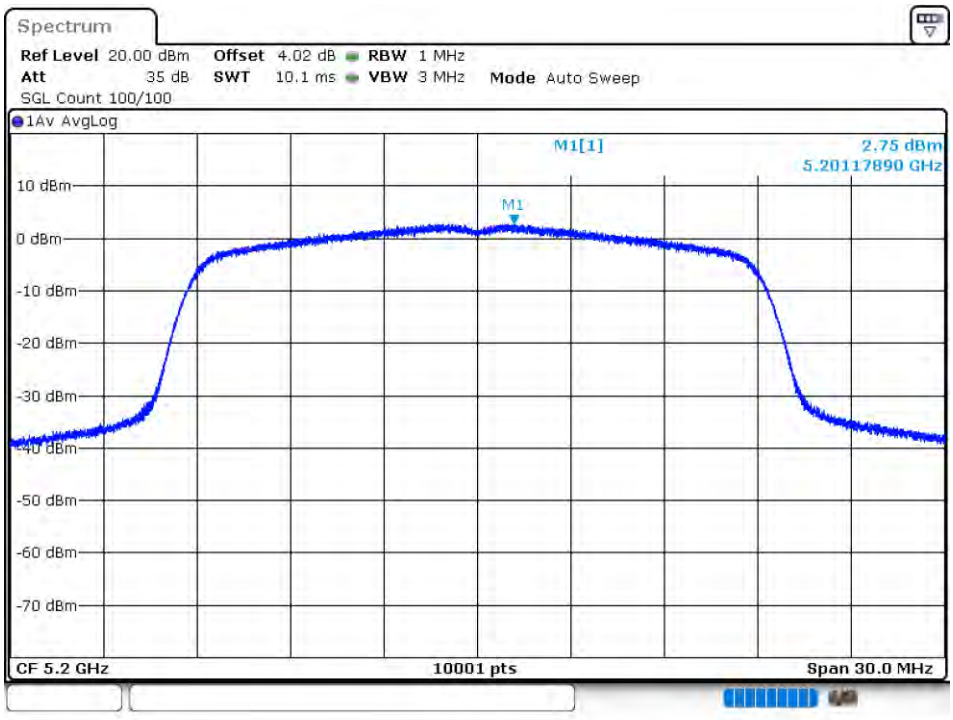
PSD NVNT a 5240MHz Ant2



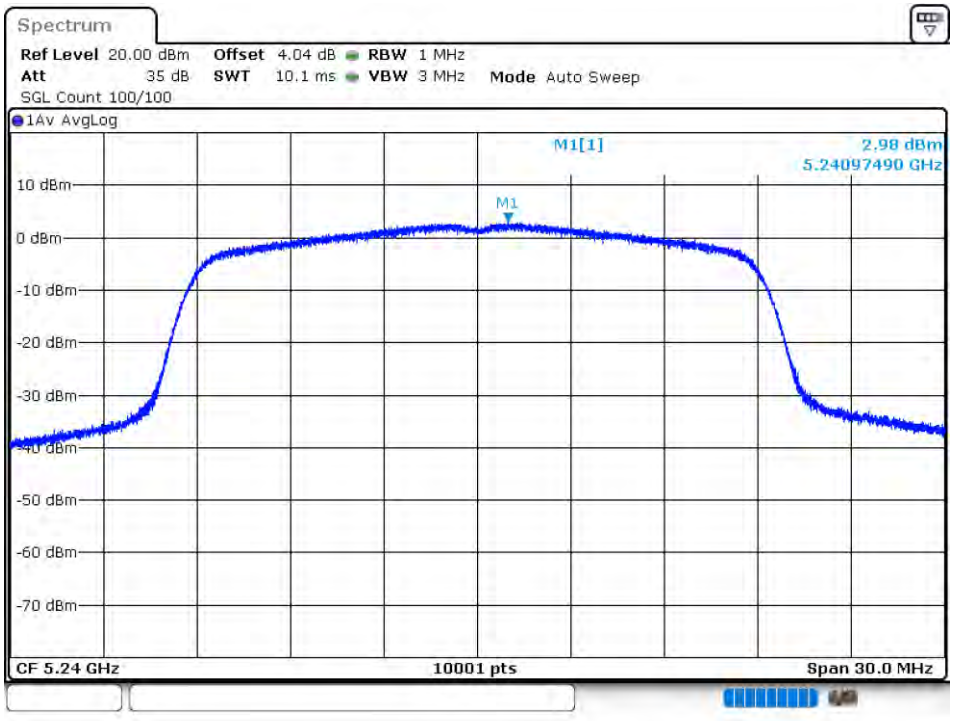
PSD NVNT n20 5180MHz Ant1



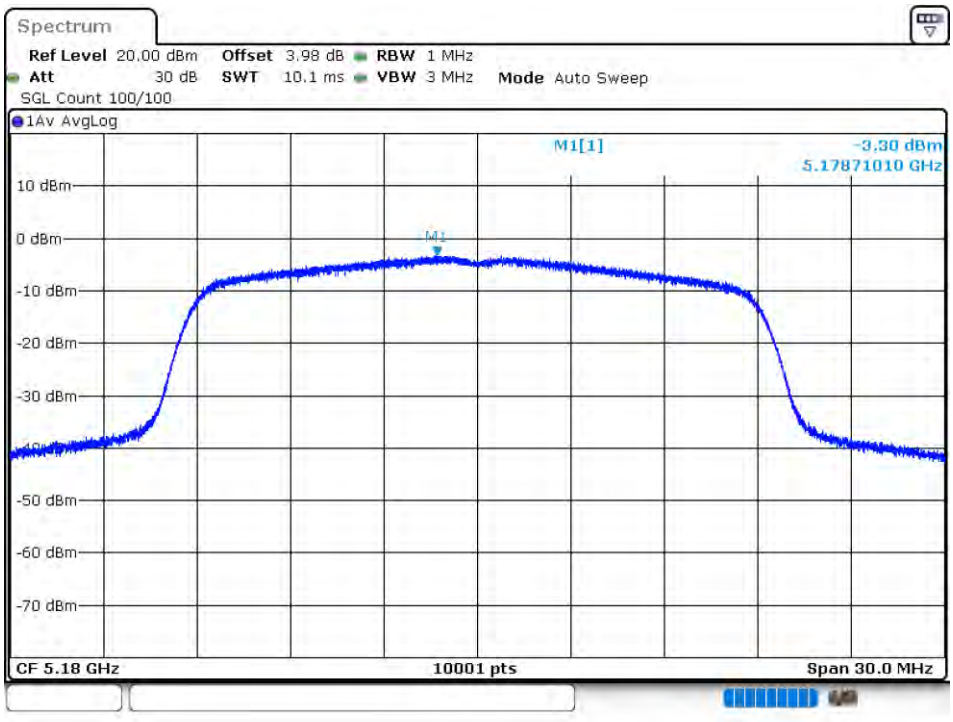
PSD NVNT n20 5200MHz Ant1



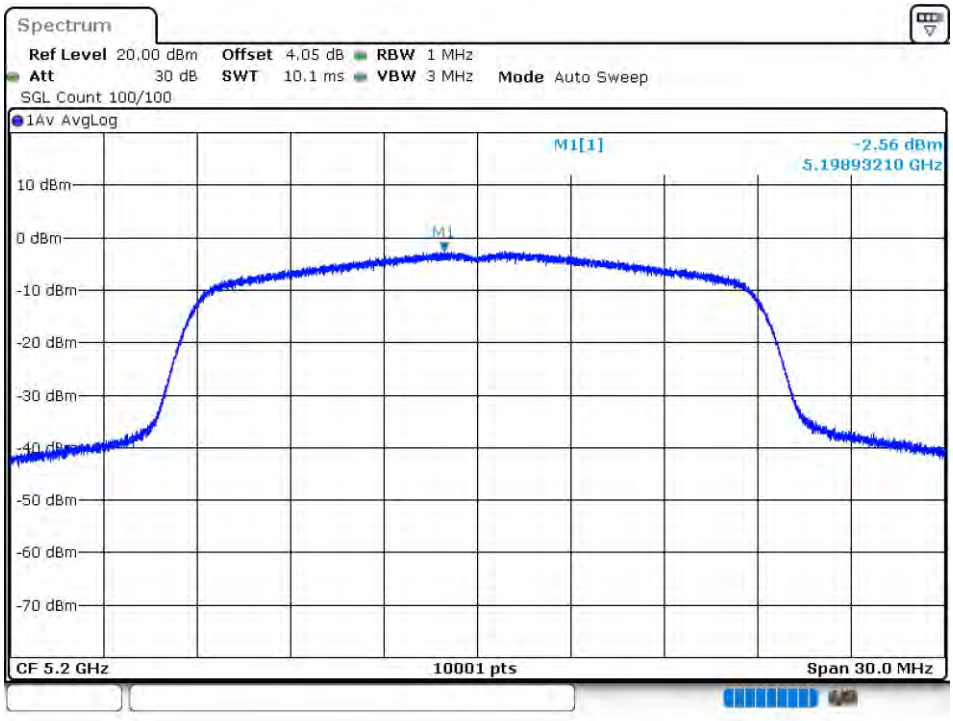
PSD NVNT n20 5240MHz Ant1



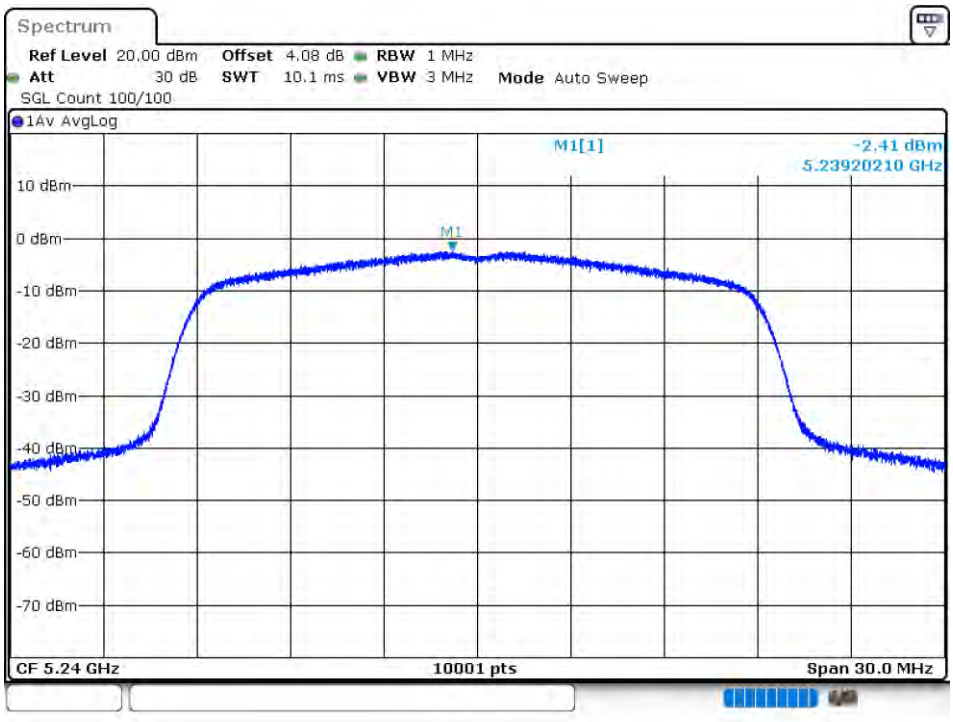
PSD NVNT n20 5180MHz Ant2



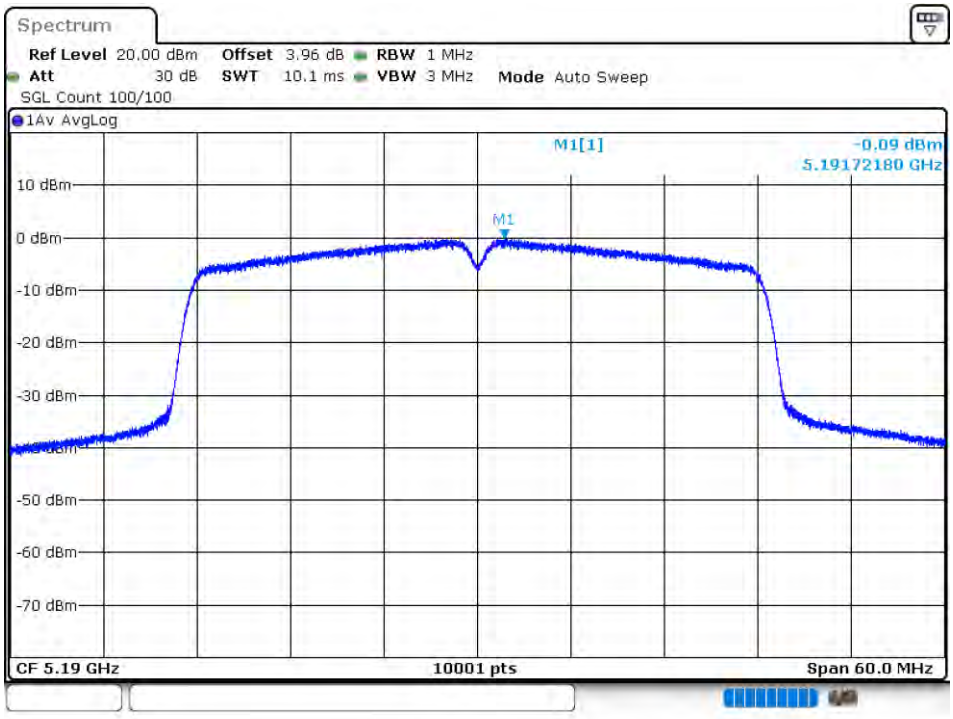
PSD NVNT n20 5200MHz Ant2



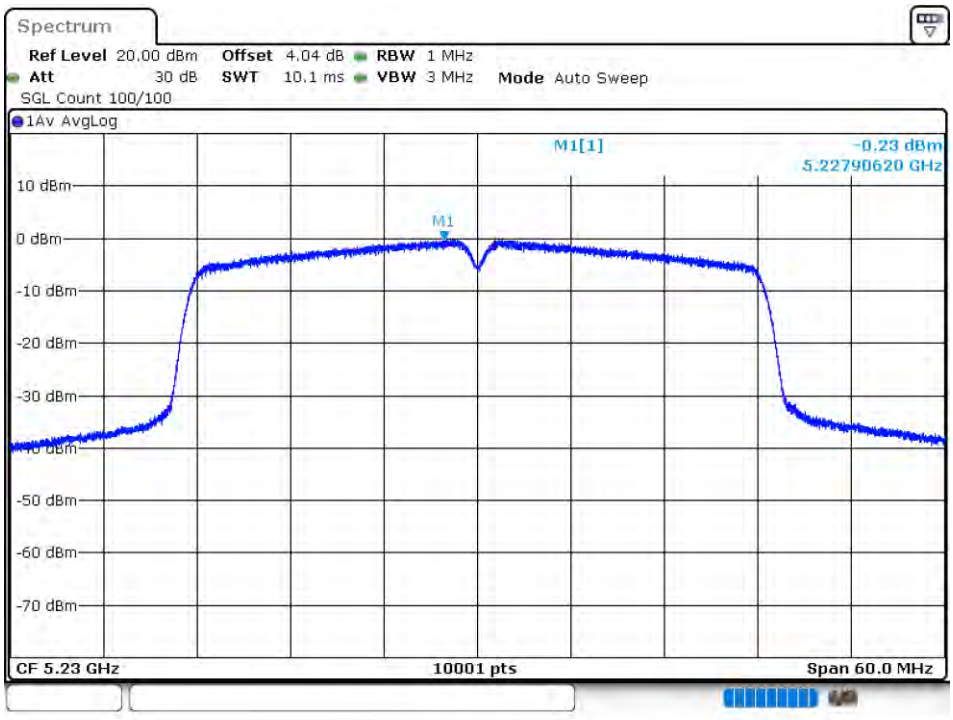
PSD NVNT n20 5240MHz Ant2



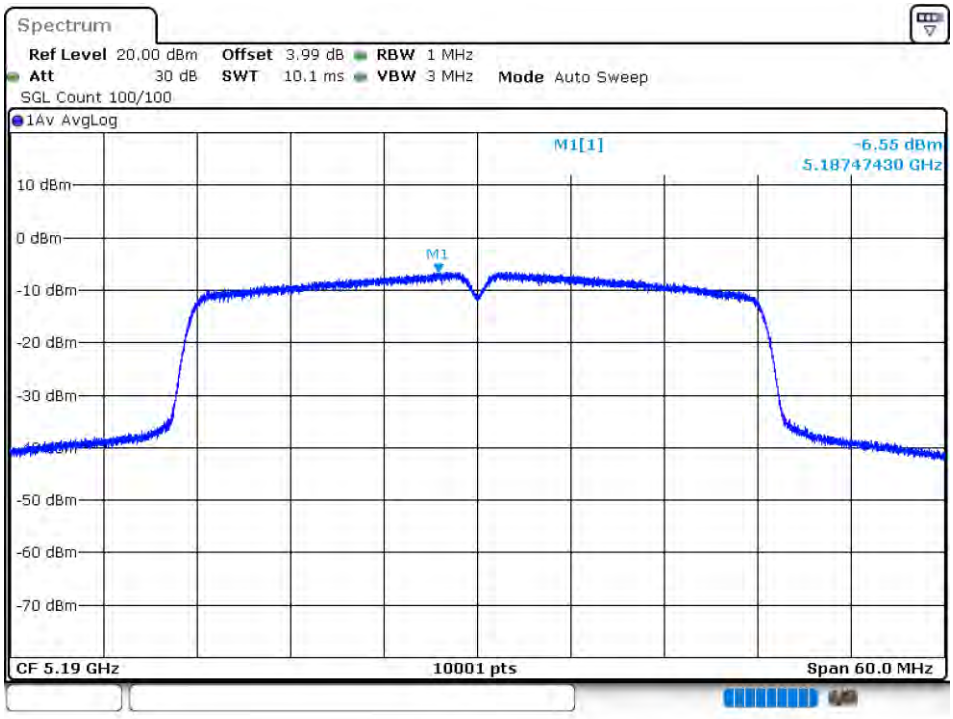
PSD NVNT n40 5190MHz Ant1



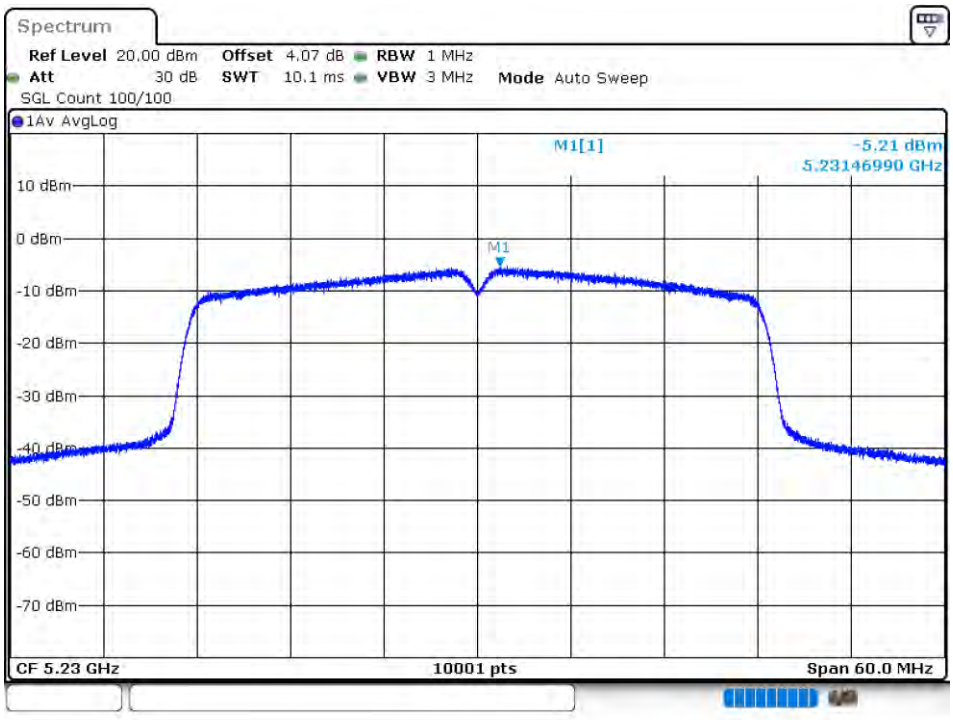
PSD NVNT n40 5230MHz Ant1



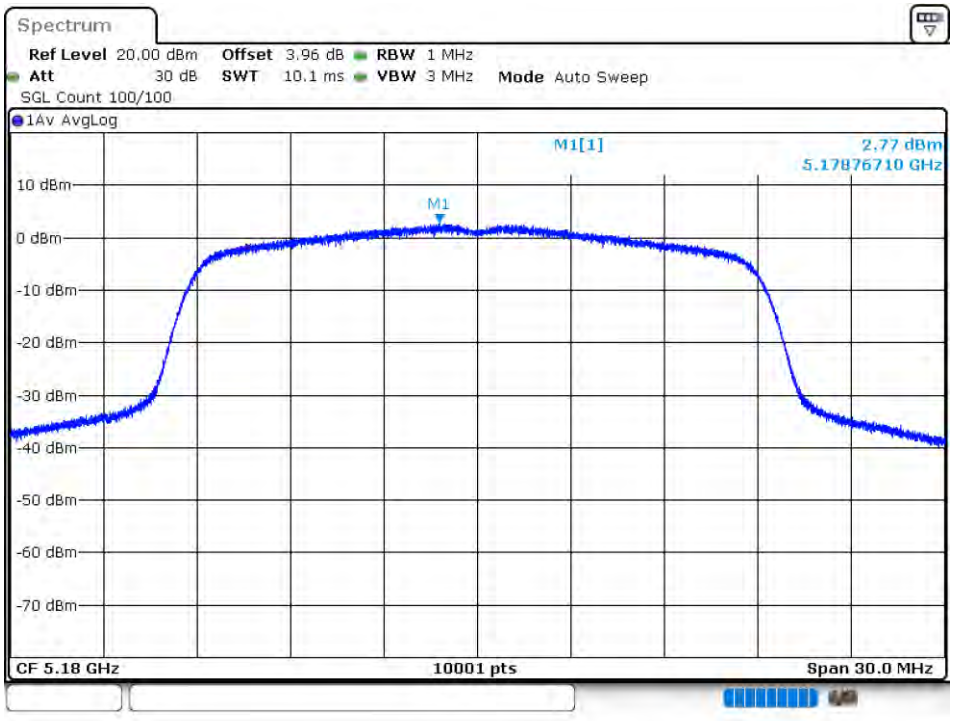
PSD NVNT n40 5190MHz Ant2



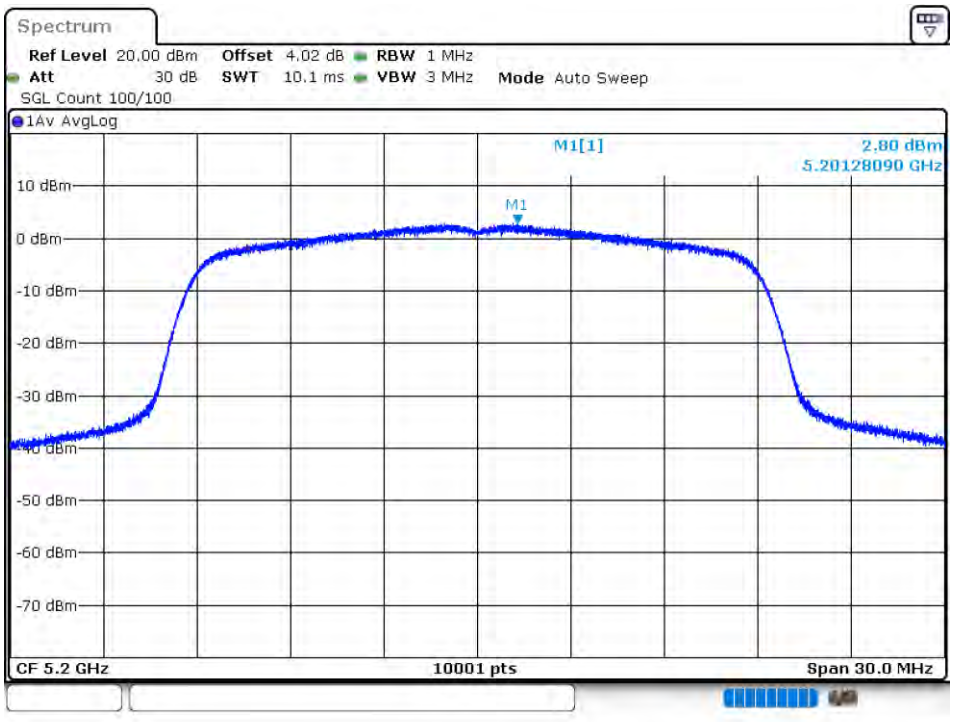
PSD NVNT n40 5230MHz Ant2



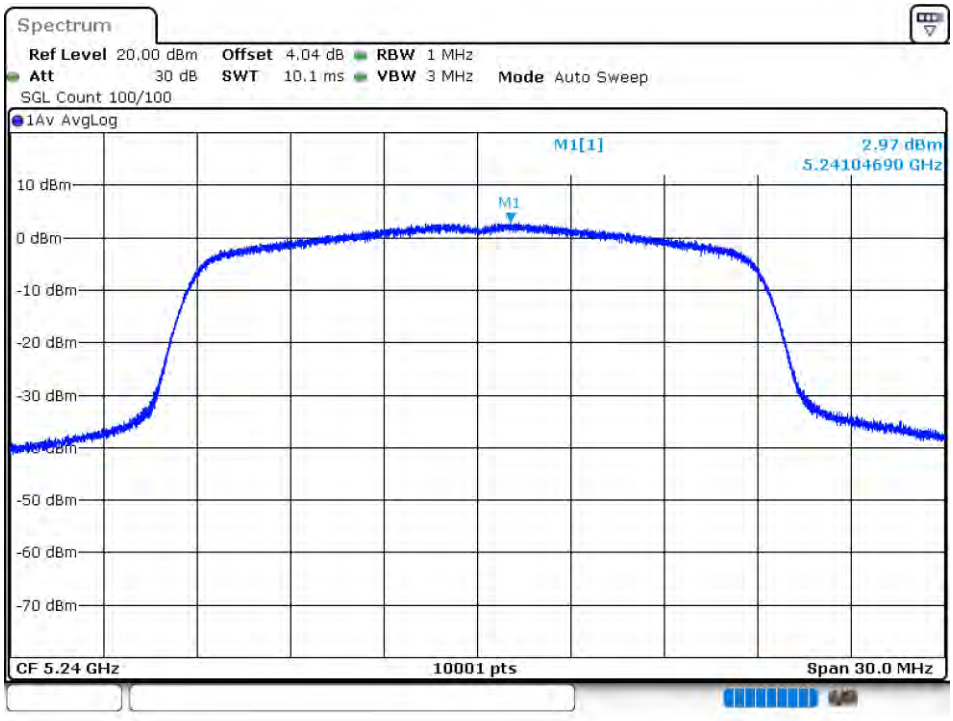
PSD NVNT ac20 5180MHz Ant1



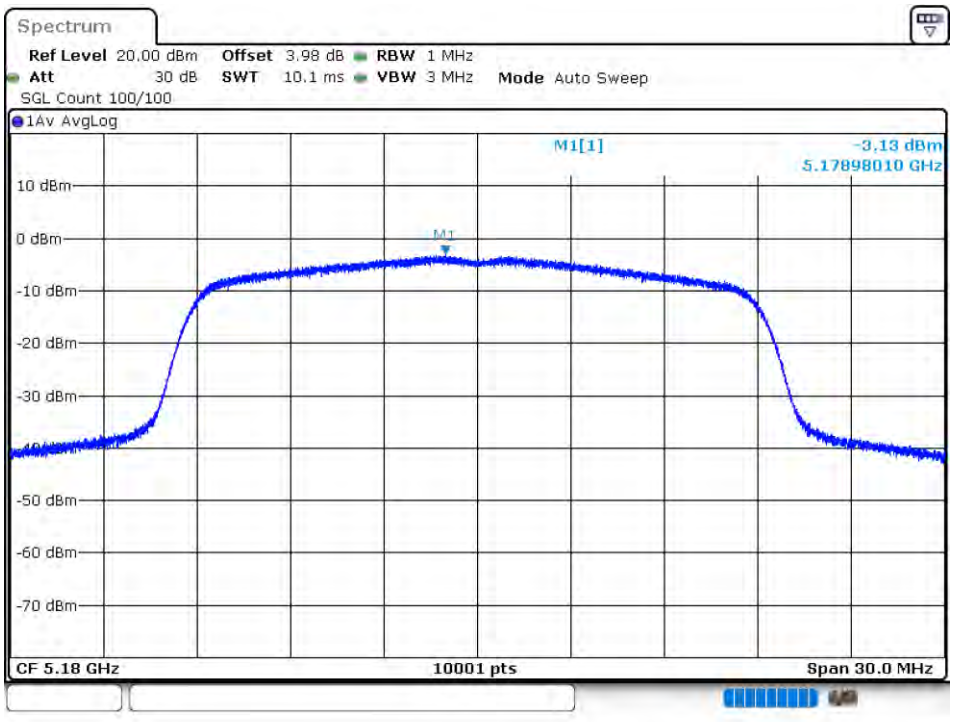
PSD NVNT ac20 5200MHz Ant1



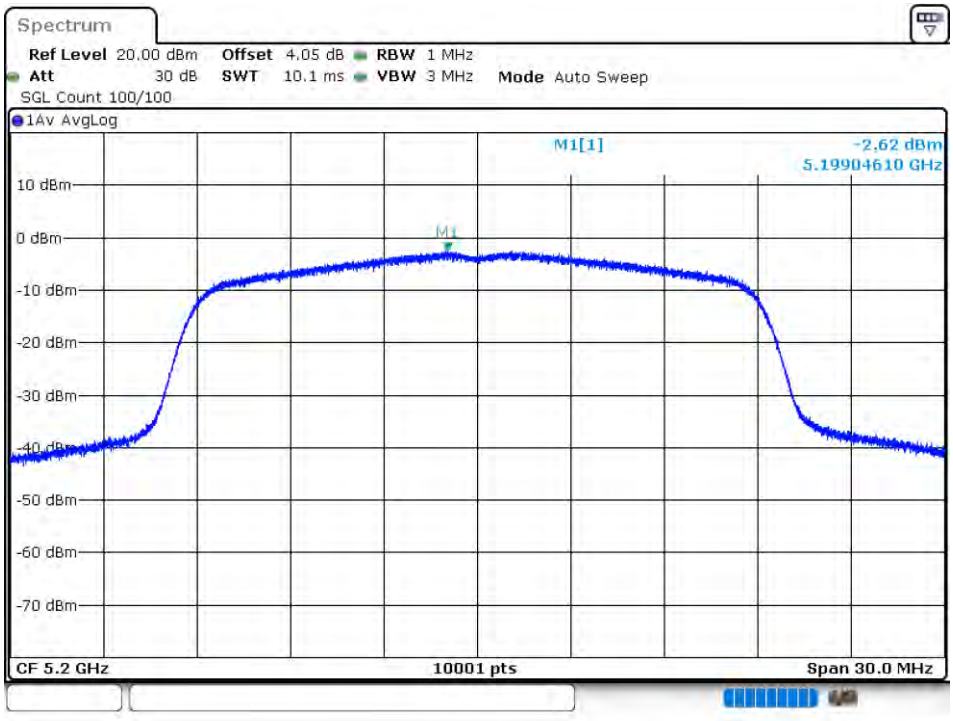
PSD NVNT ac20 5240MHz Ant1



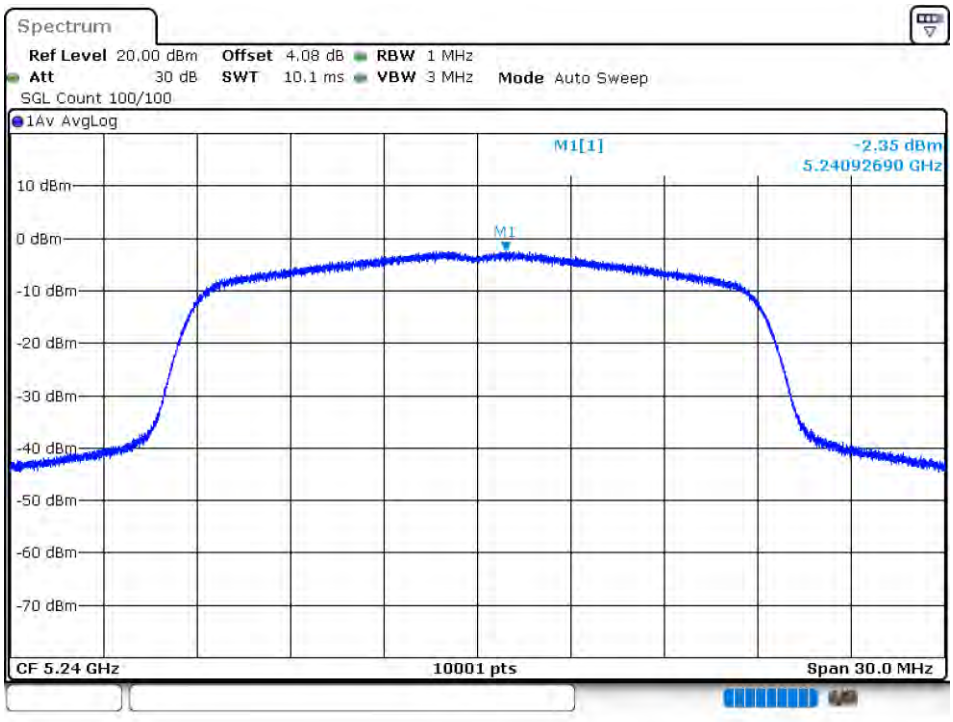
PSD NVNT ac20 5180MHz Ant2



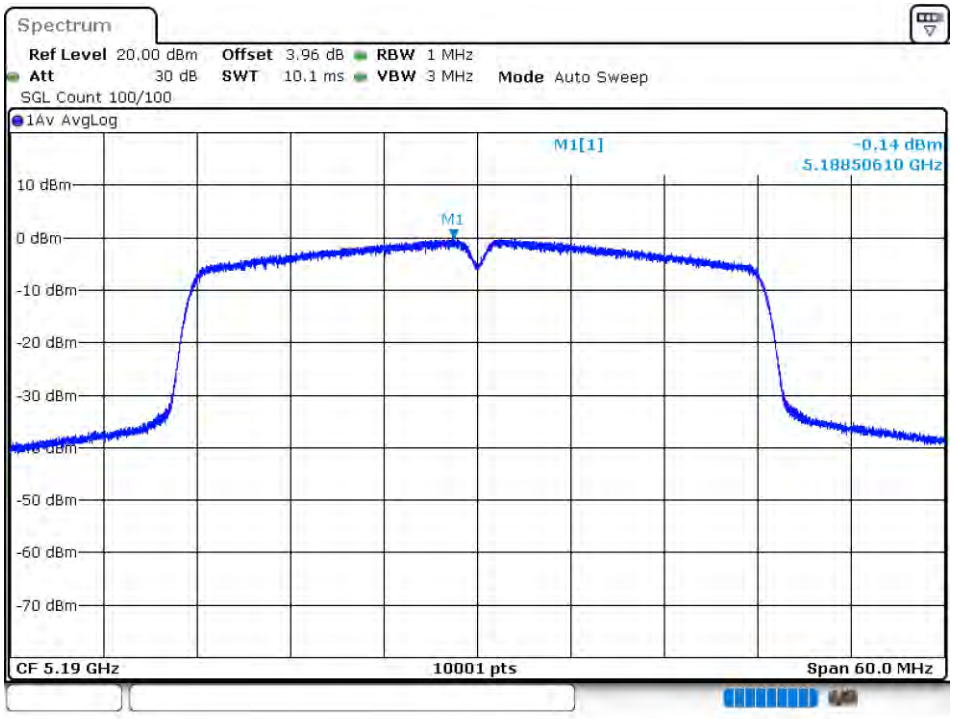
PSD NVNT ac20 5200MHz Ant2



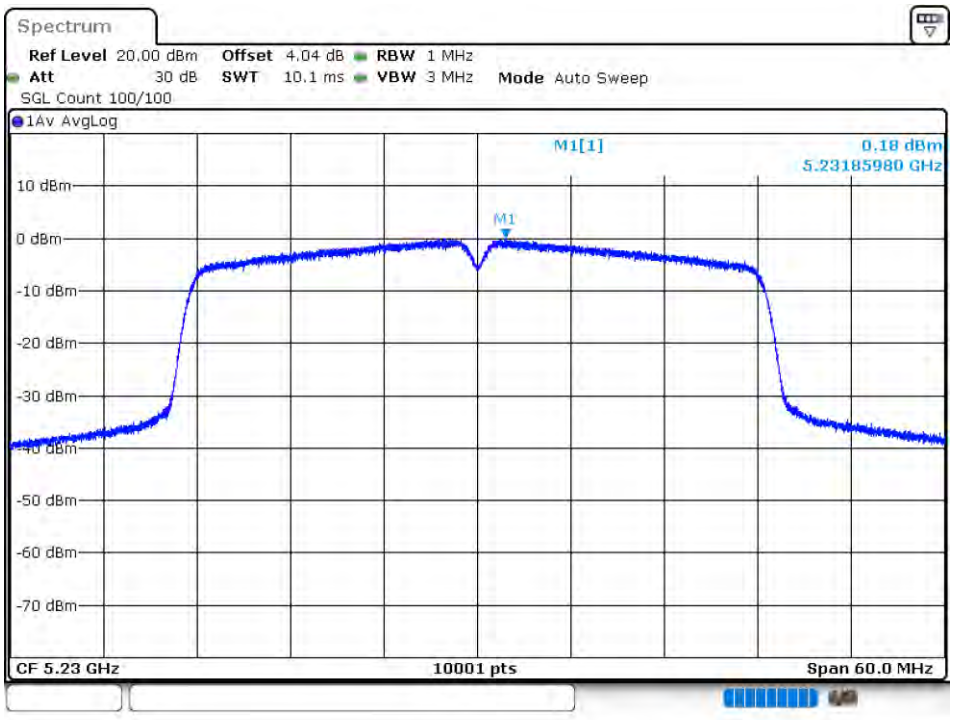
PSD NVNT ac20 5240MHz Ant2



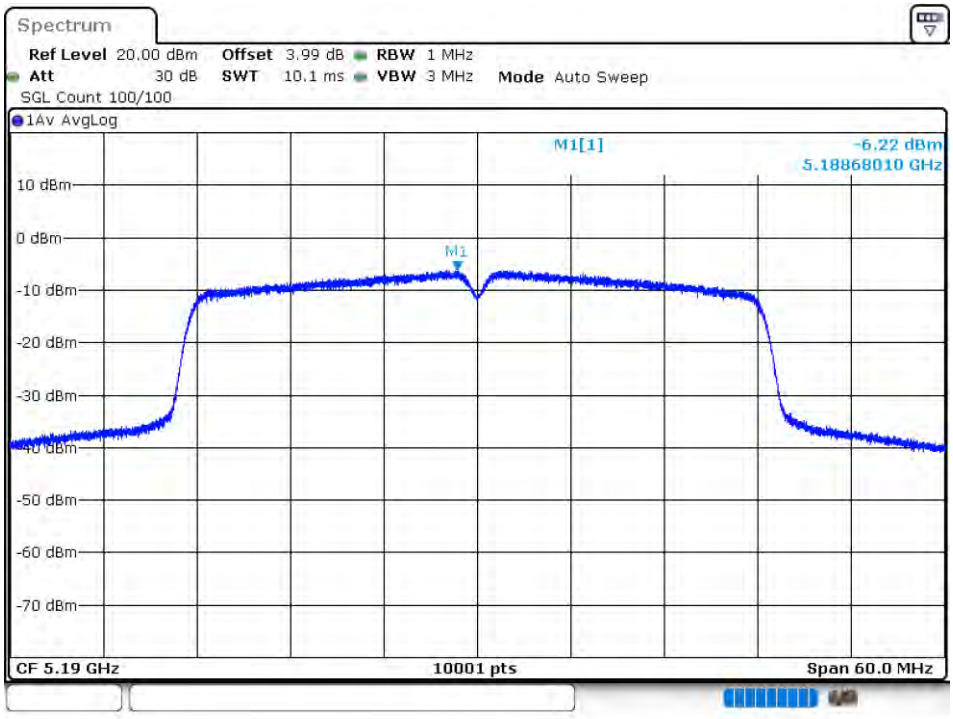
PSD NVNT ac40 5190MHz Ant1



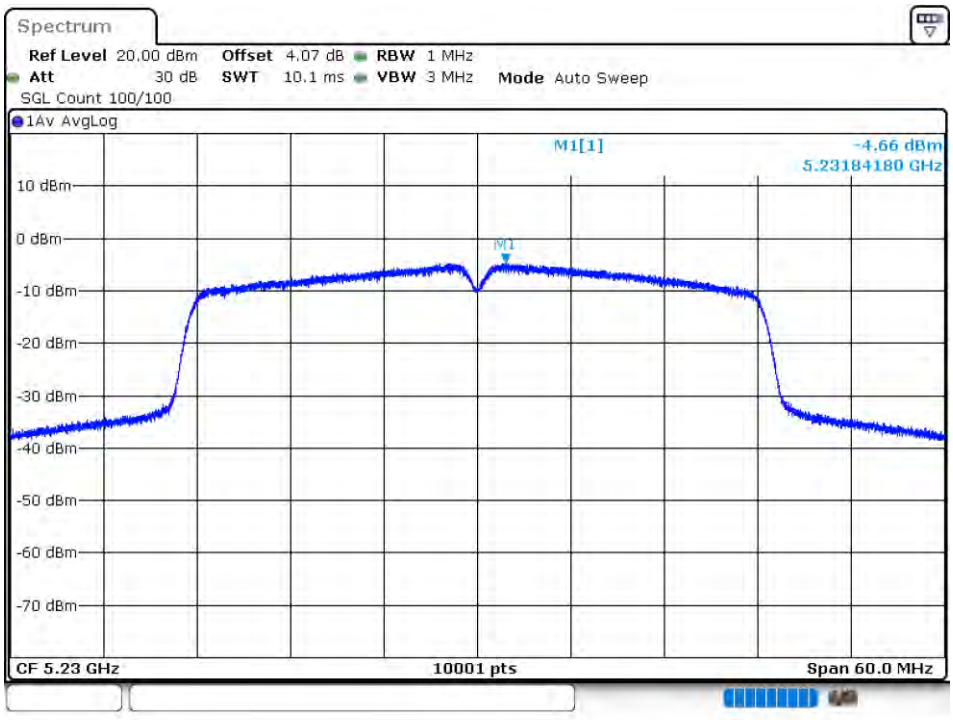
PSD NVNT ac40 5230MHz Ant1



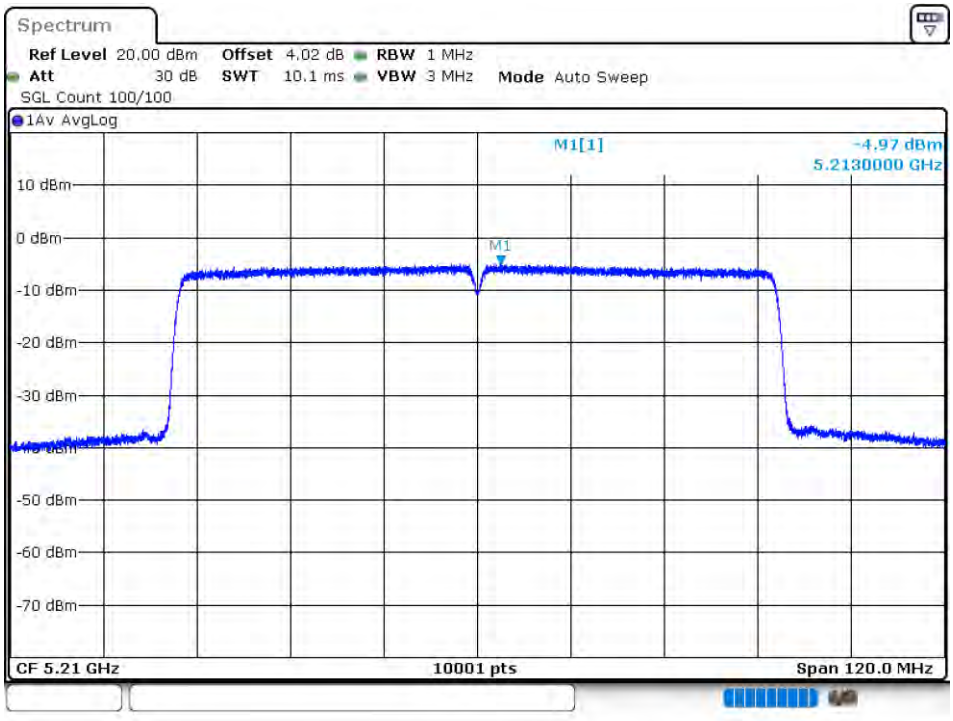
PSD NVNT ac40 5190MHz Ant2



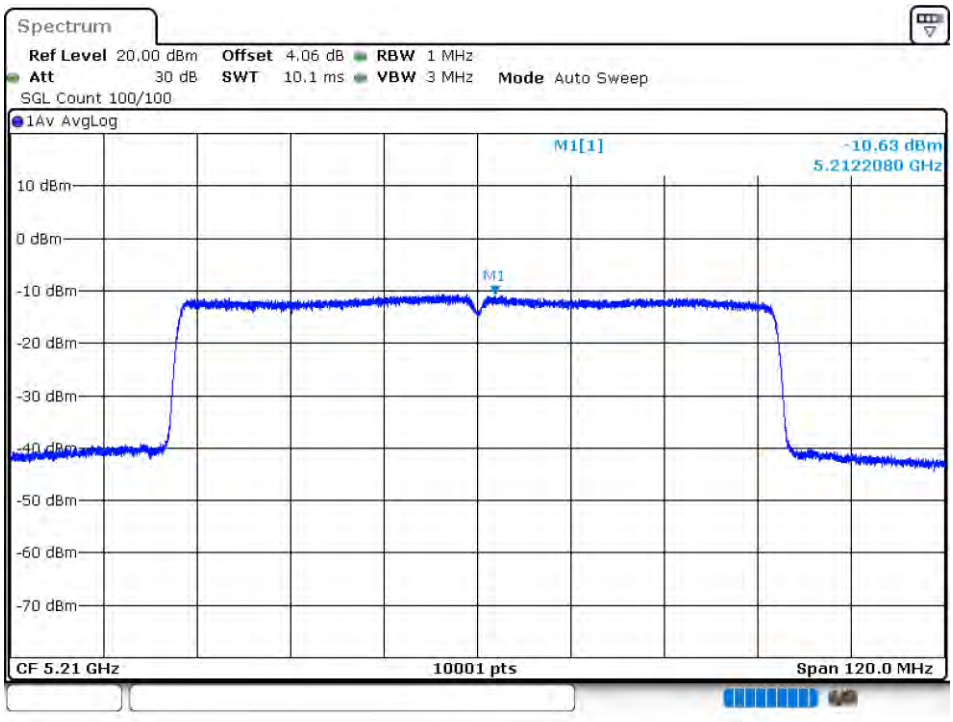
PSD NVNT ac40 5230MHz Ant2



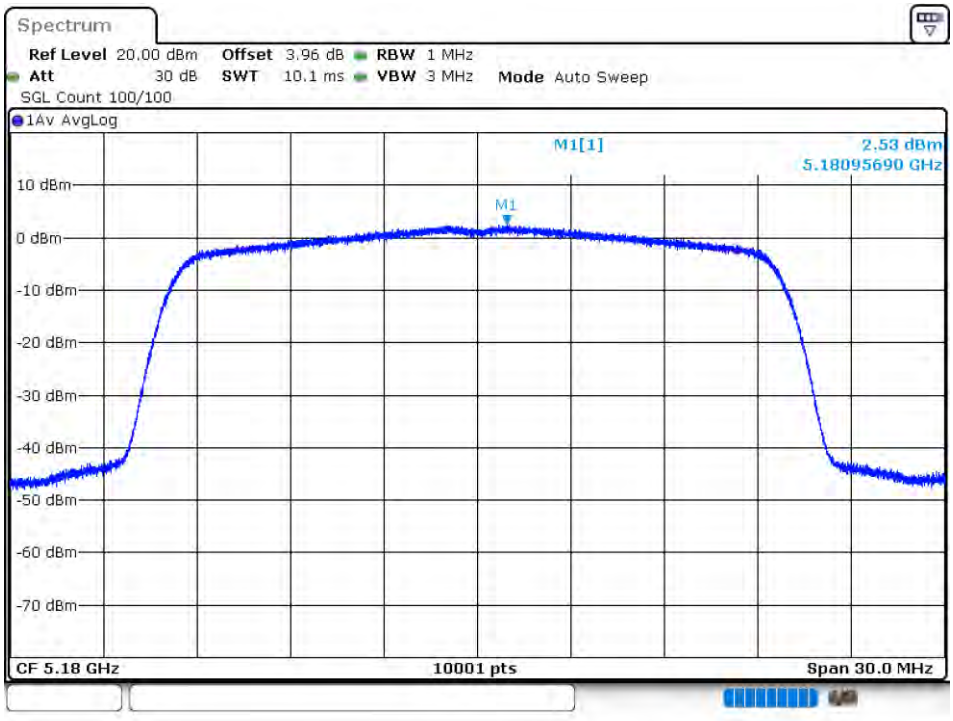
PSD NVNT ac80 5210MHz Ant1



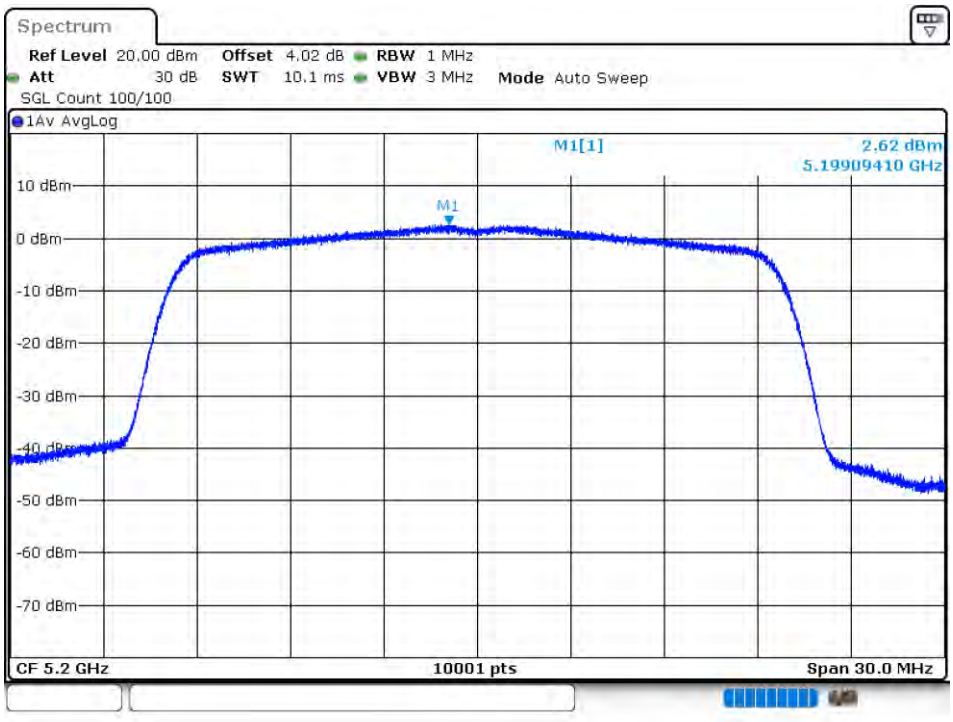
PSD NVNT ac80 5210MHz Ant2



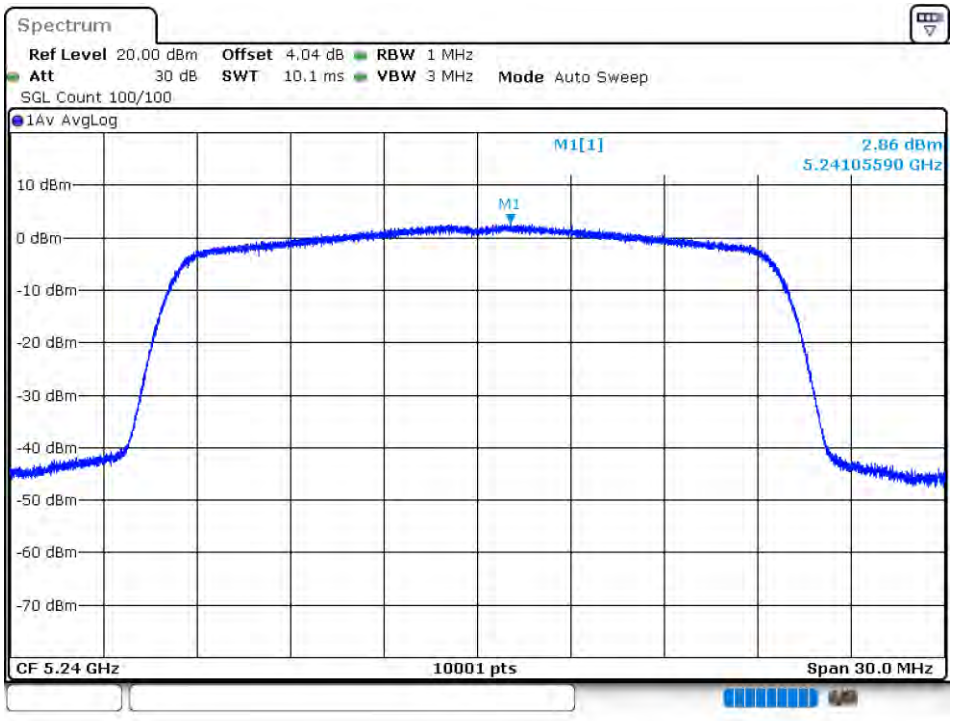
PSD NVNT ax20 5180MHz Ant1



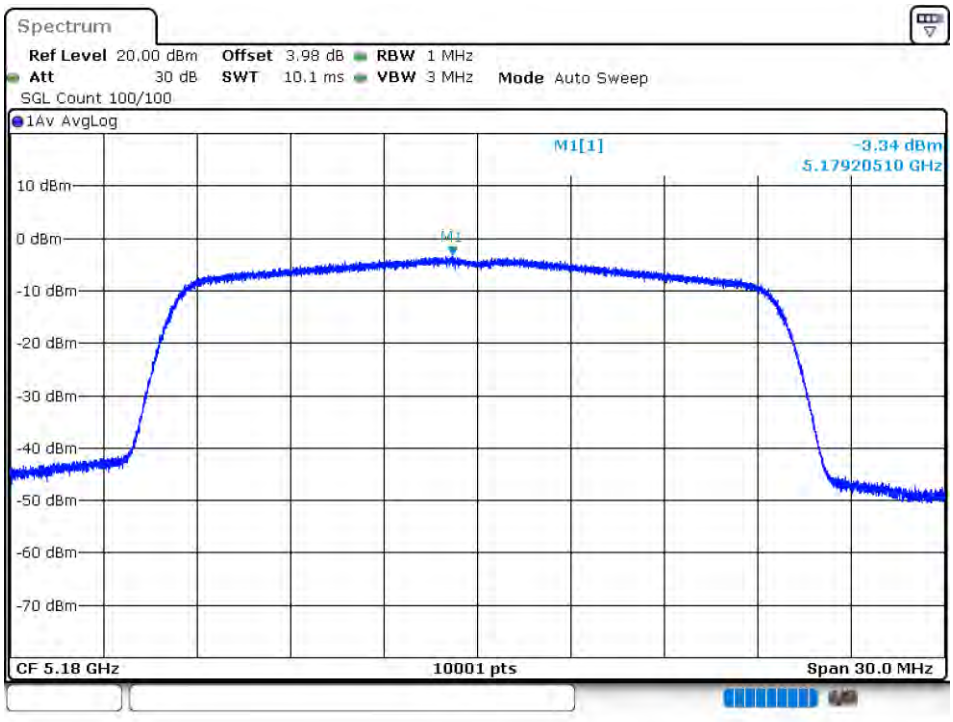
PSD NVNT ax20 5200MHz Ant1



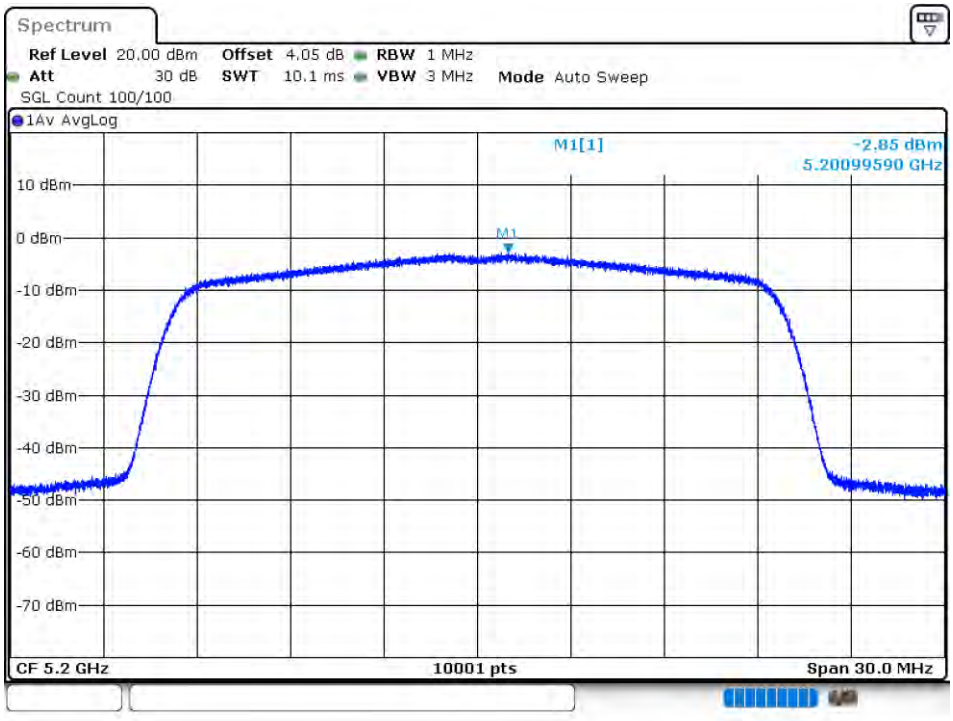
PSD NVNT ax20 5240MHz Ant1



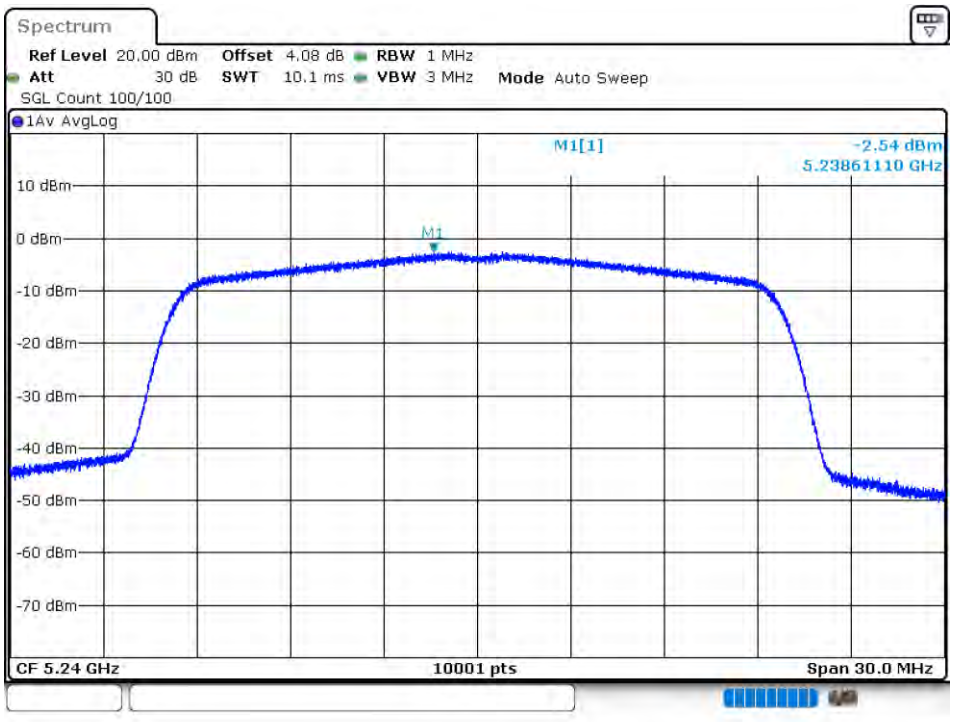
PSD NVNT ax20 5180MHz Ant2



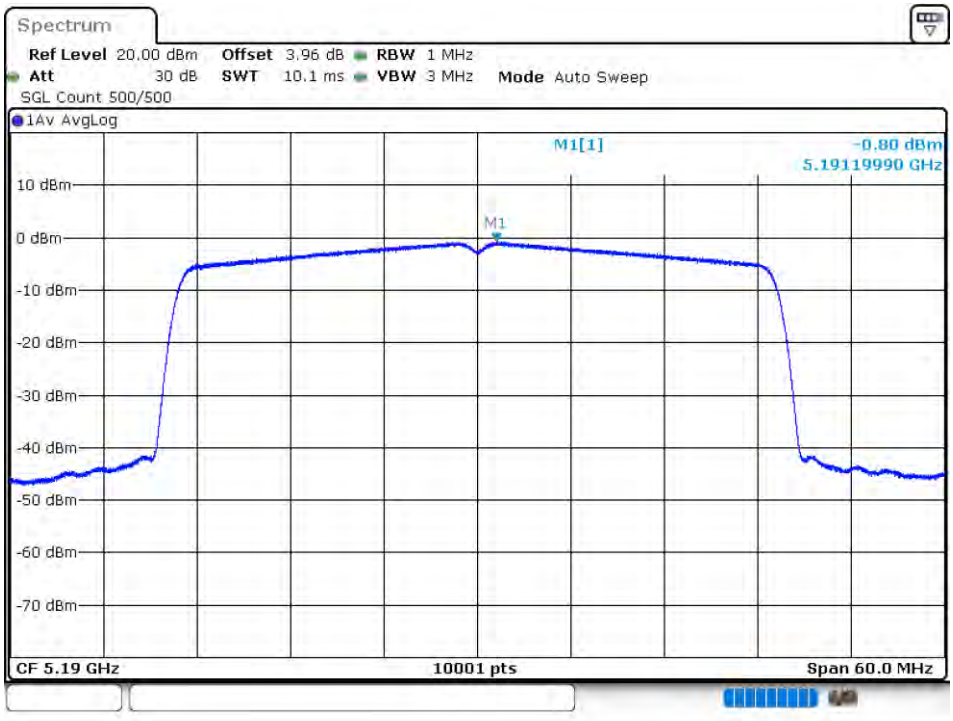
PSD NVNT ax20 5200MHz Ant2



PSD NVNT ax20 5240MHz Ant2



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1