

WIFI 5.2G:

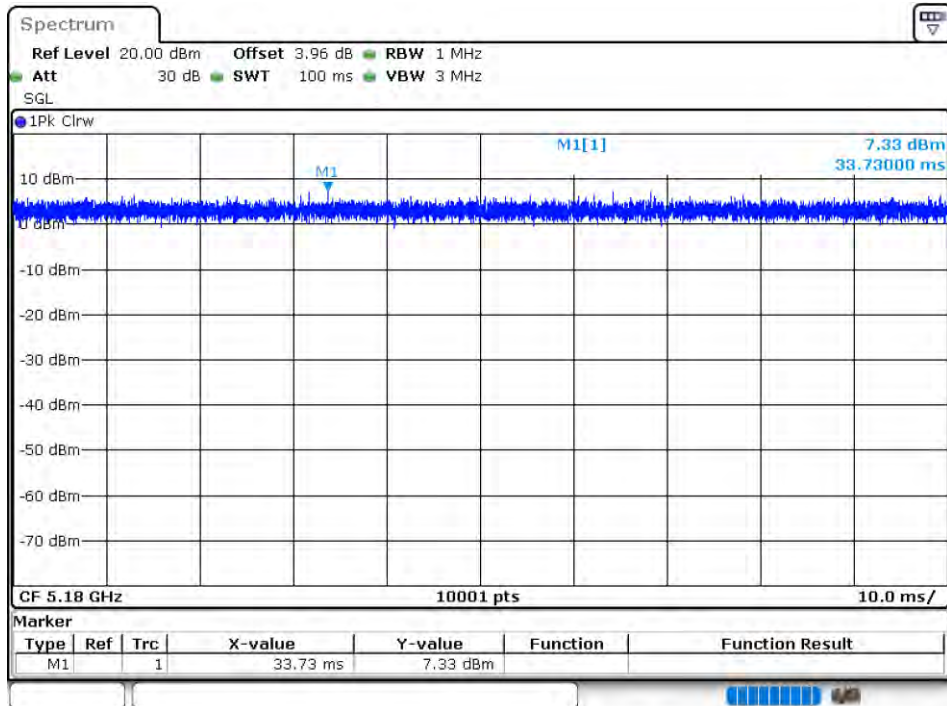
Duty Cycle

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

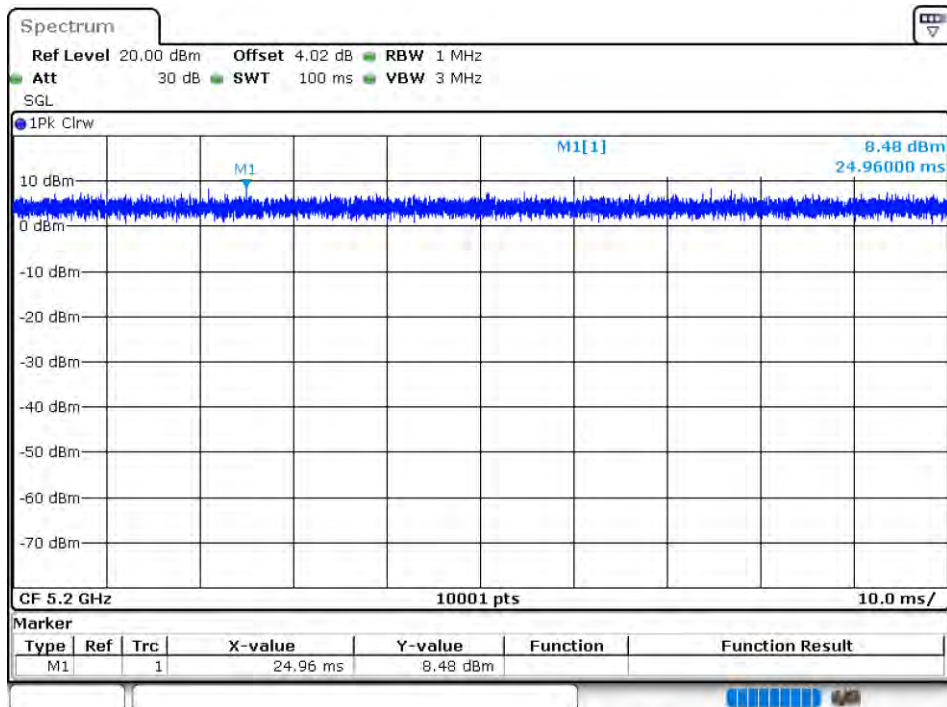
NVNT	ax40	5230	Ant1	100	0	0
NVNT	ax40	5190	Ant2	100	0	0
NVNT	ax40	5230	Ant2	100	0	0
NVNT	ax80	5210	Ant1	100	0	0
NVNT	ax80	5210	Ant2	100	0	0

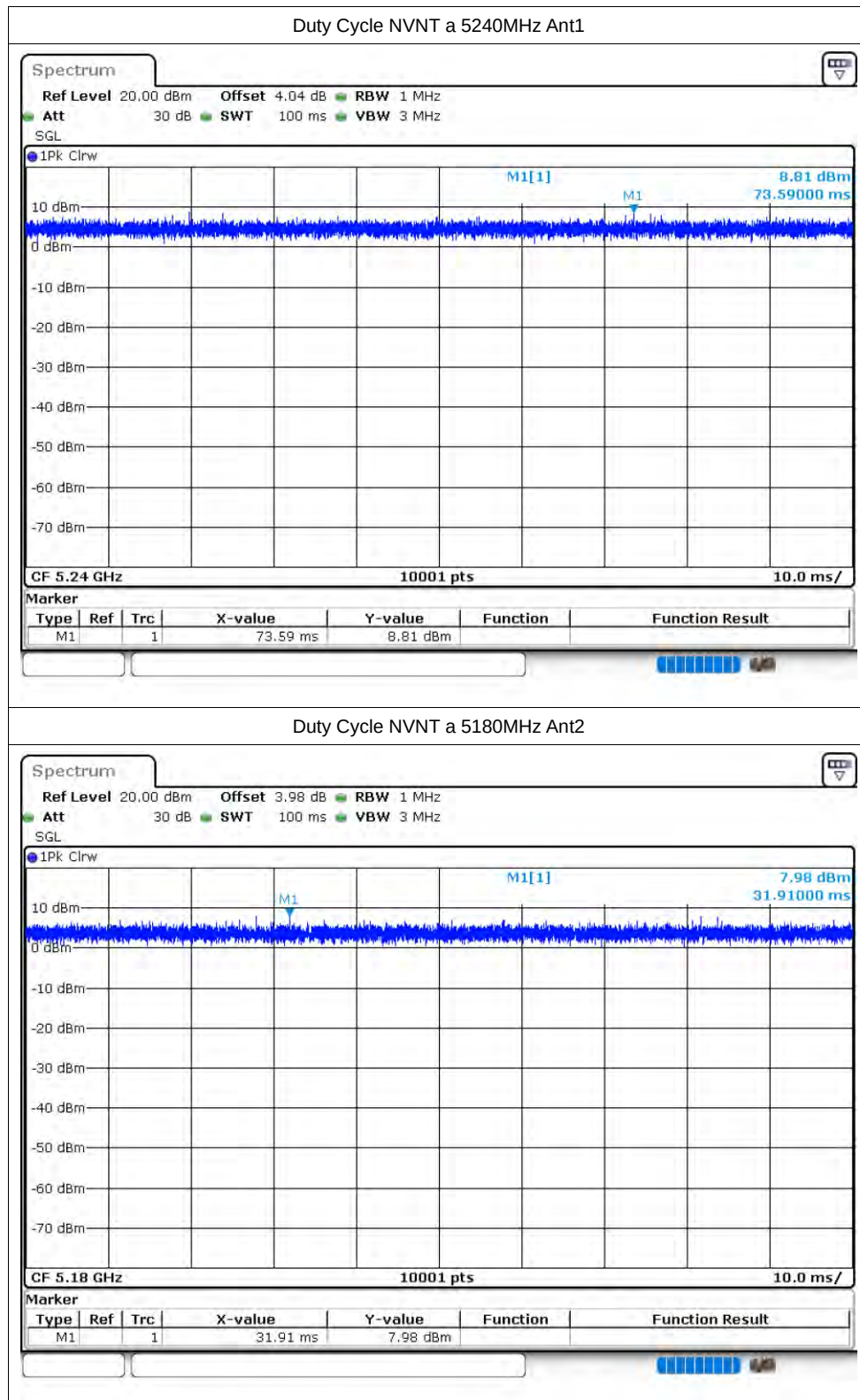
Test Graphs

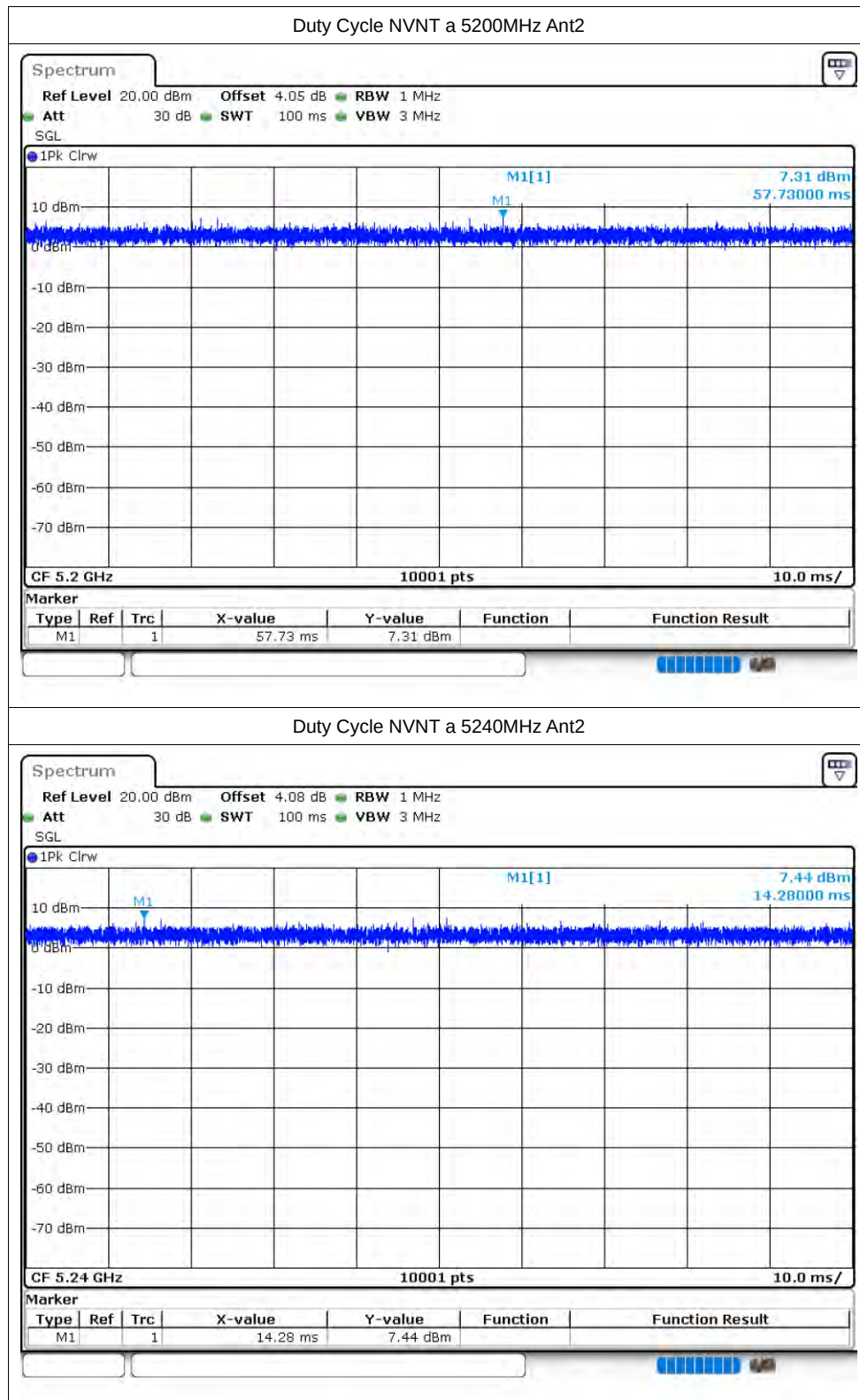
Duty Cycle NVNT a 5180MHz Ant1

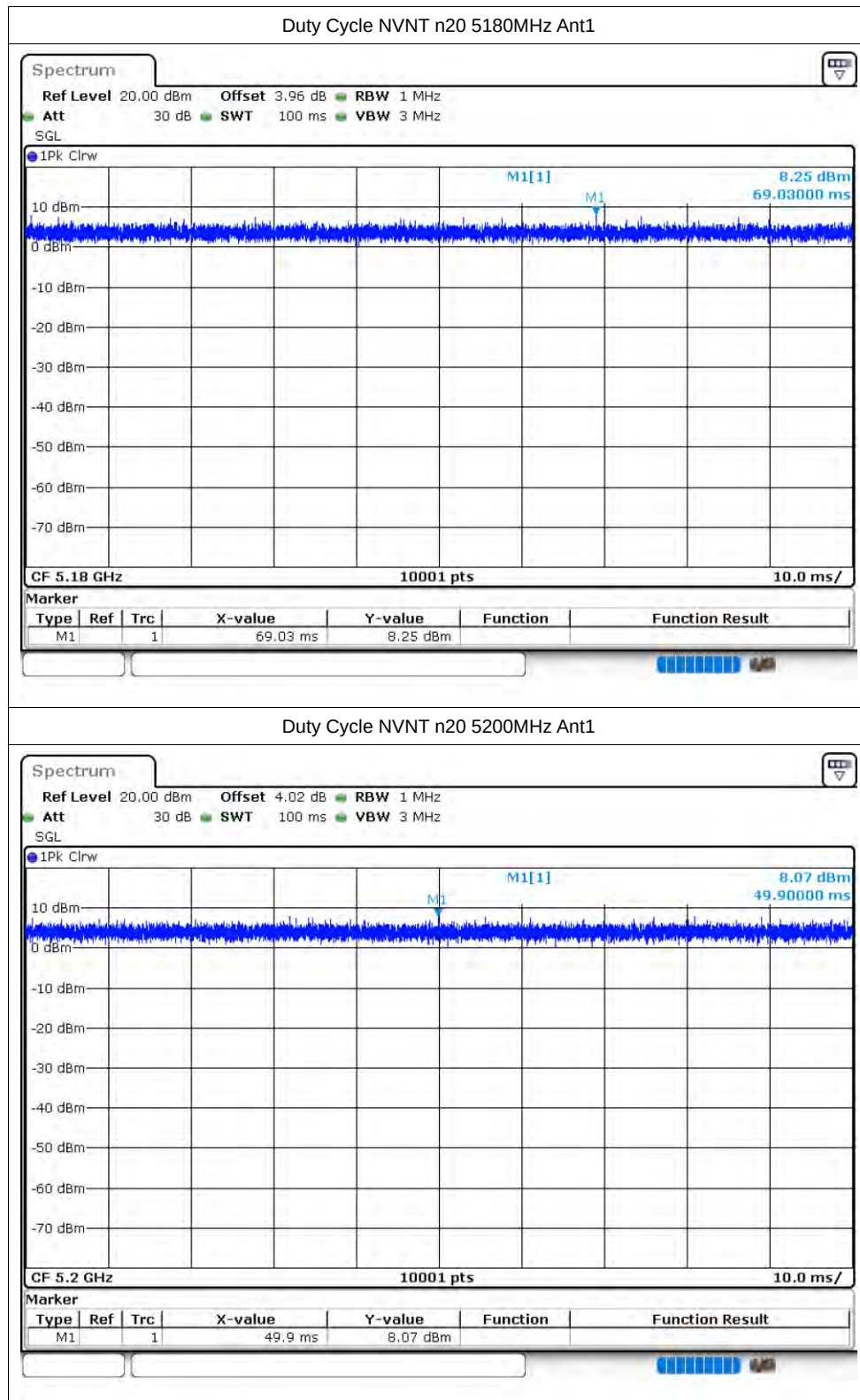


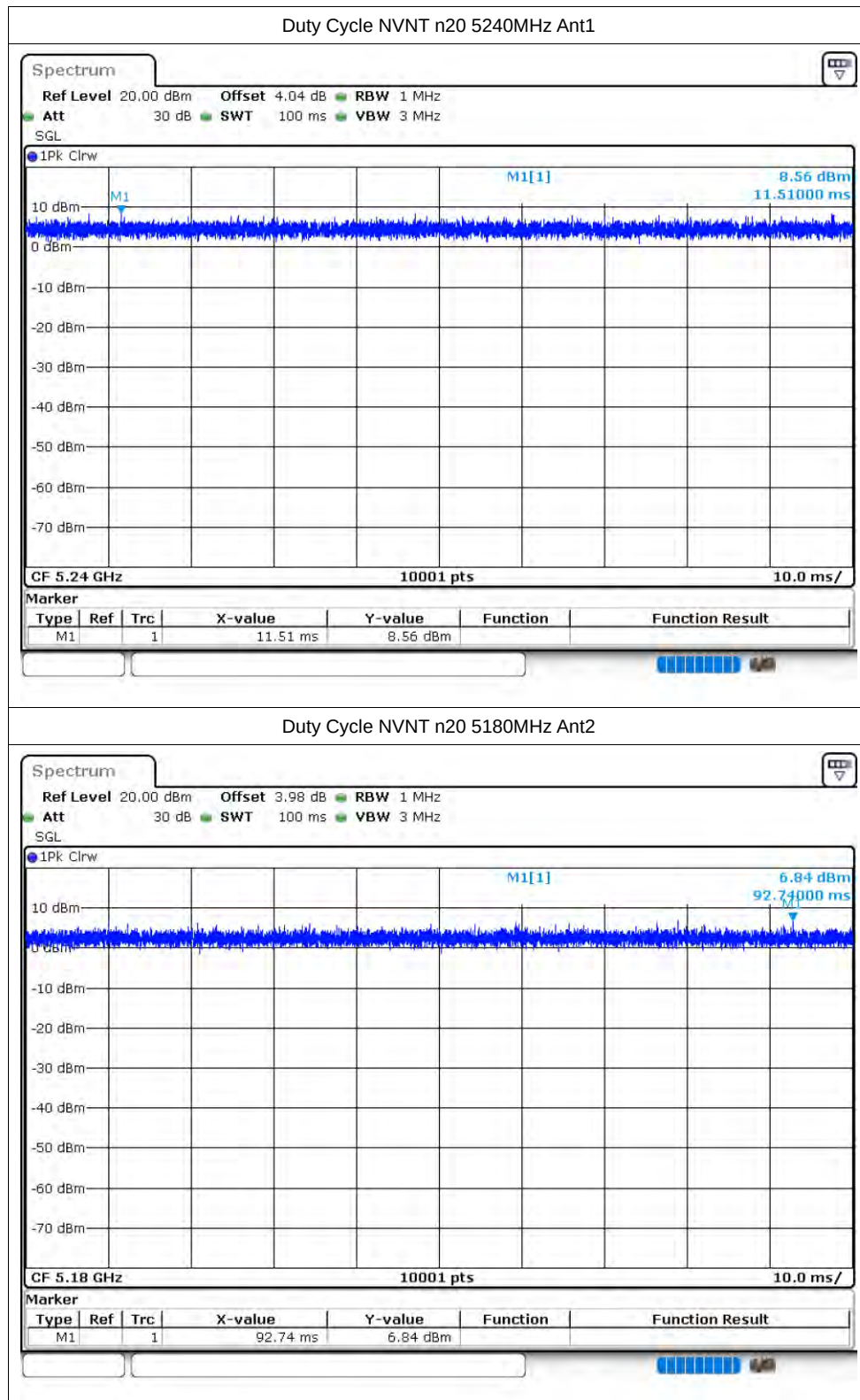
Duty Cycle NVNT a 5200MHz Ant1

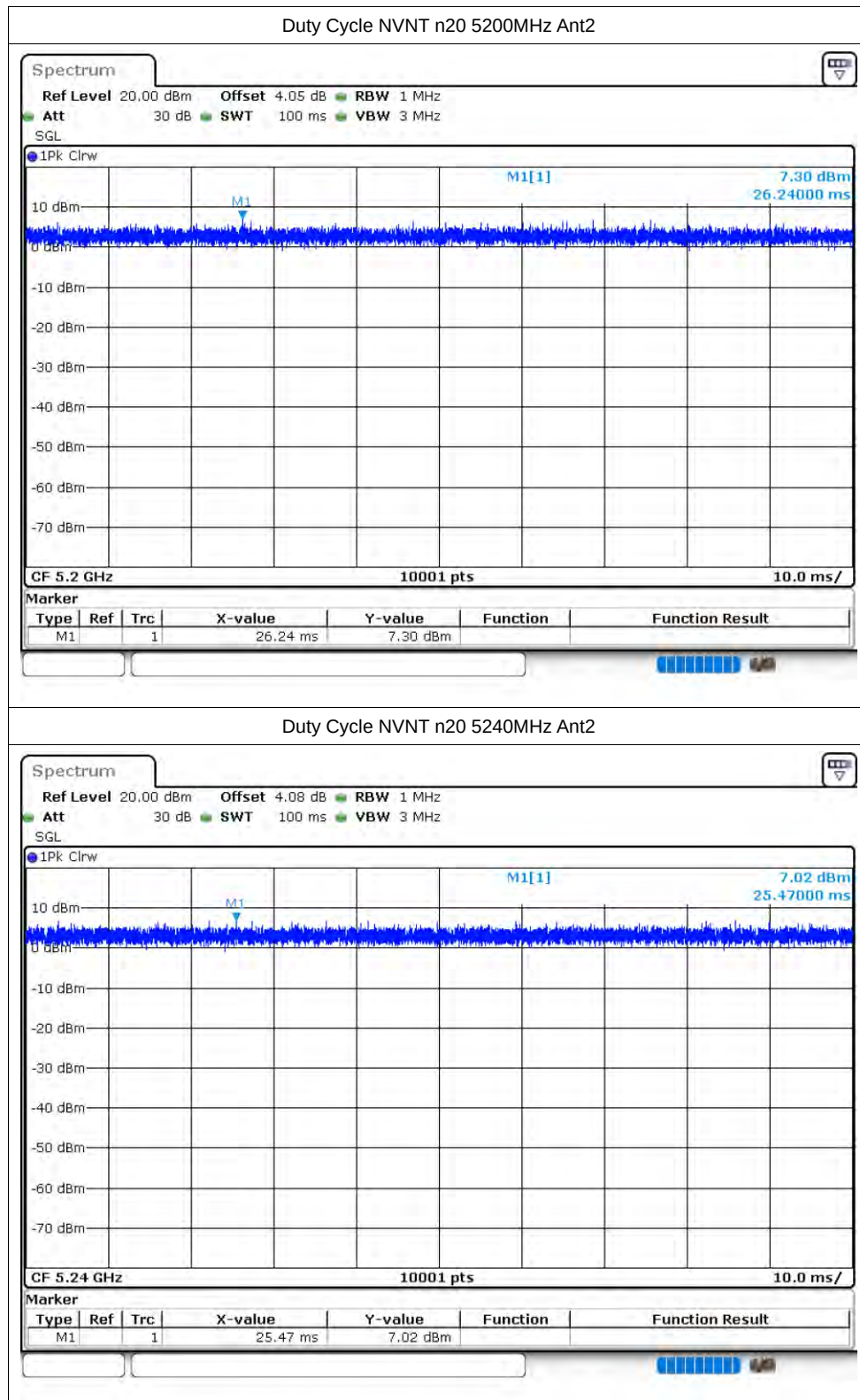


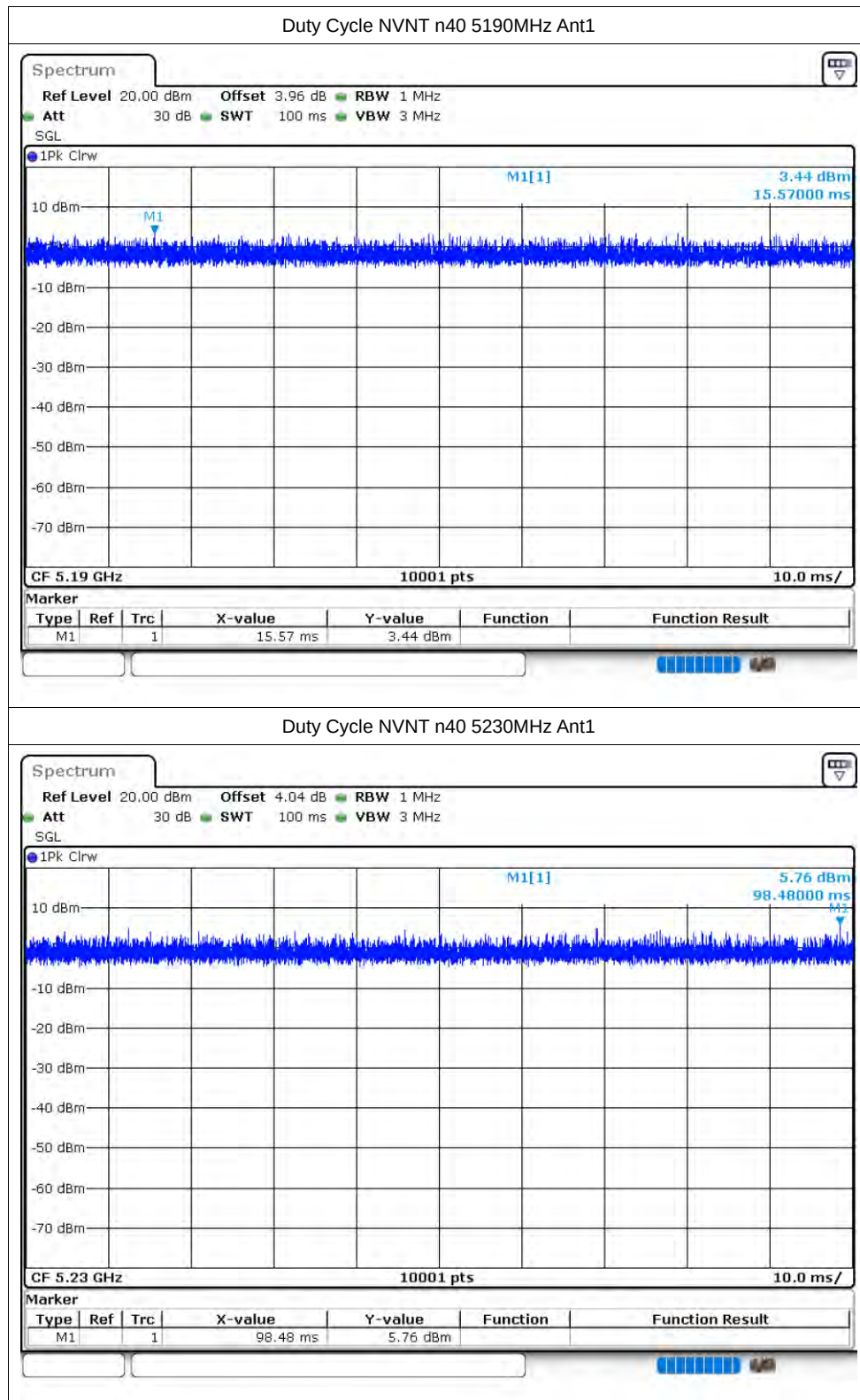


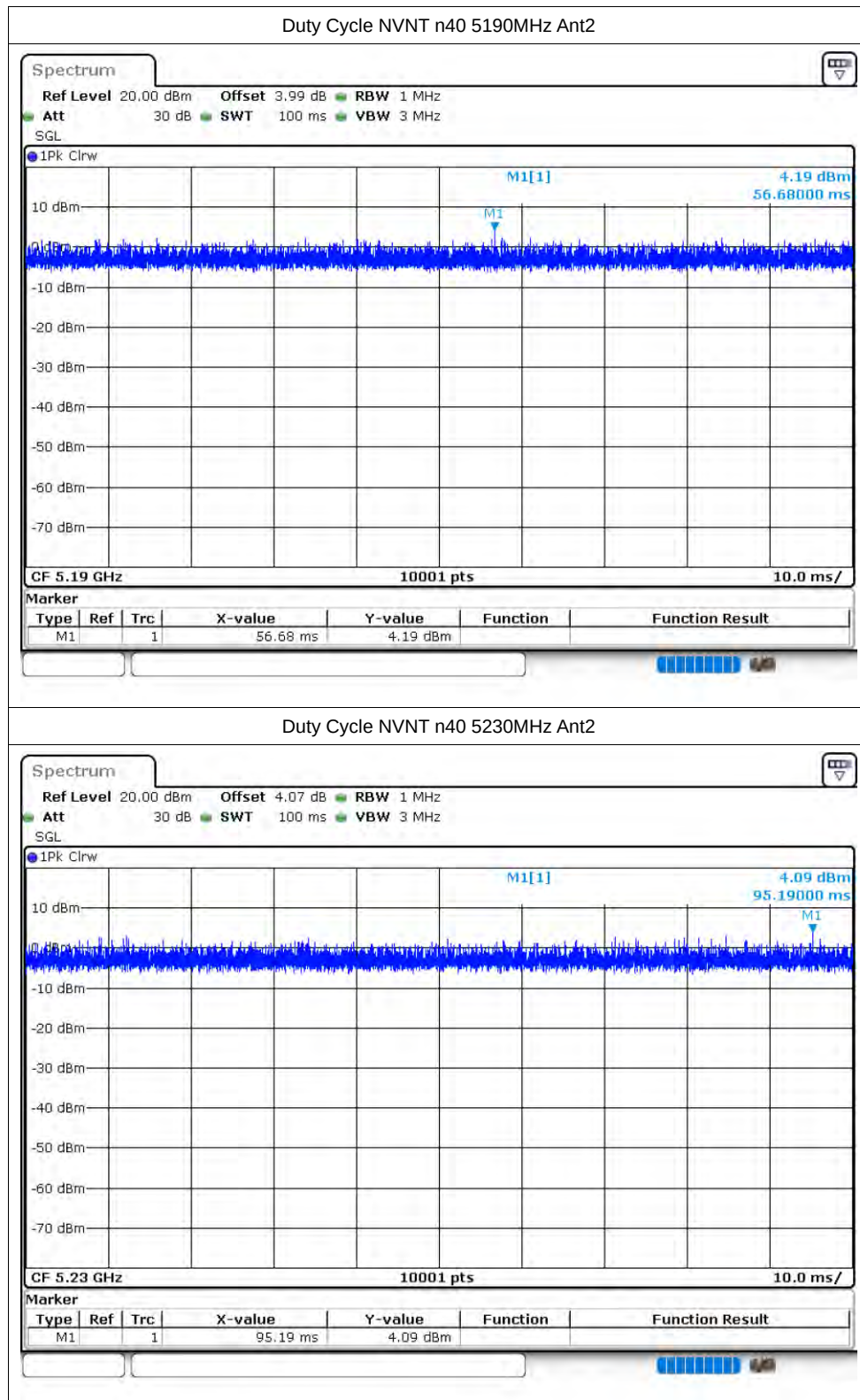


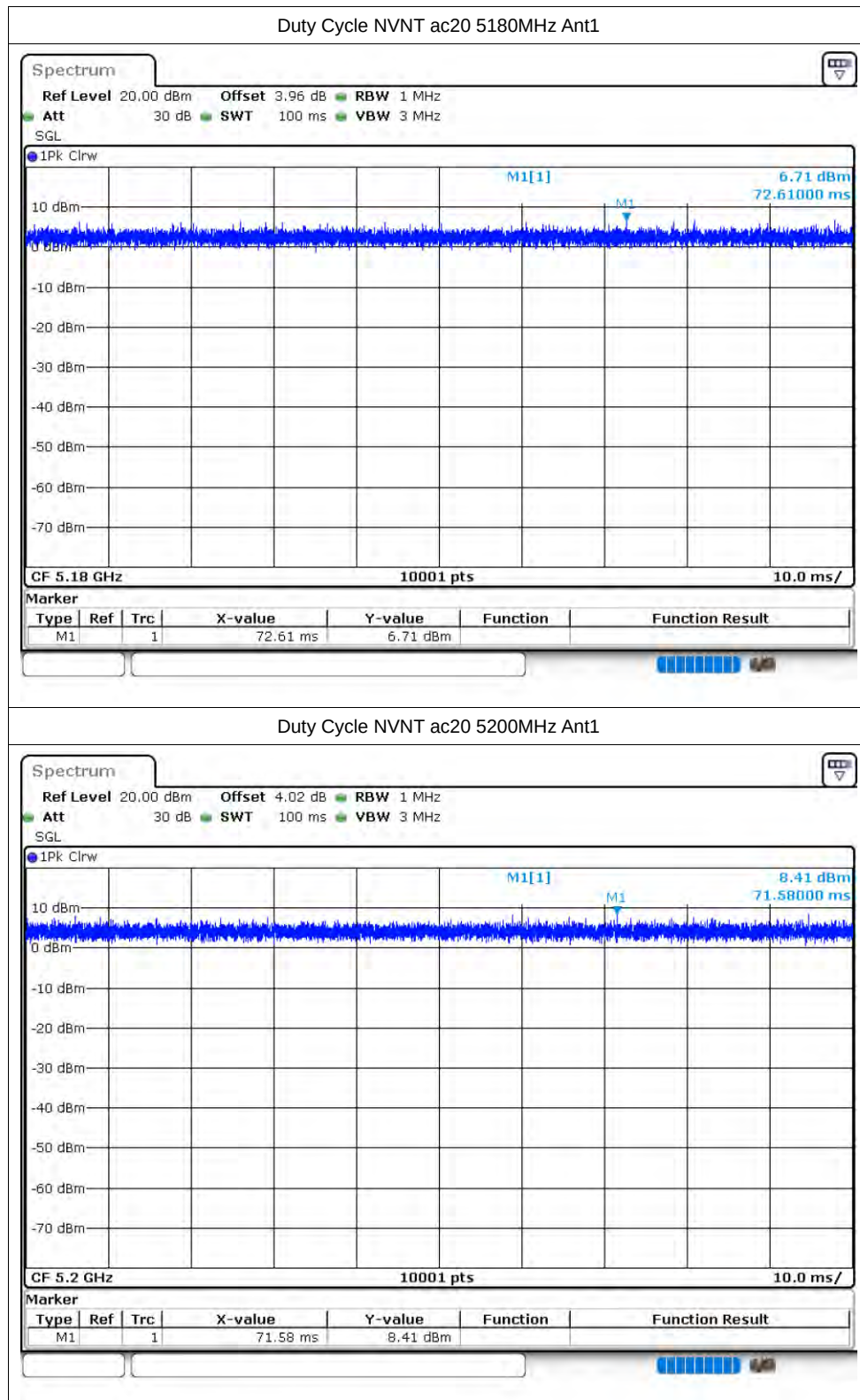


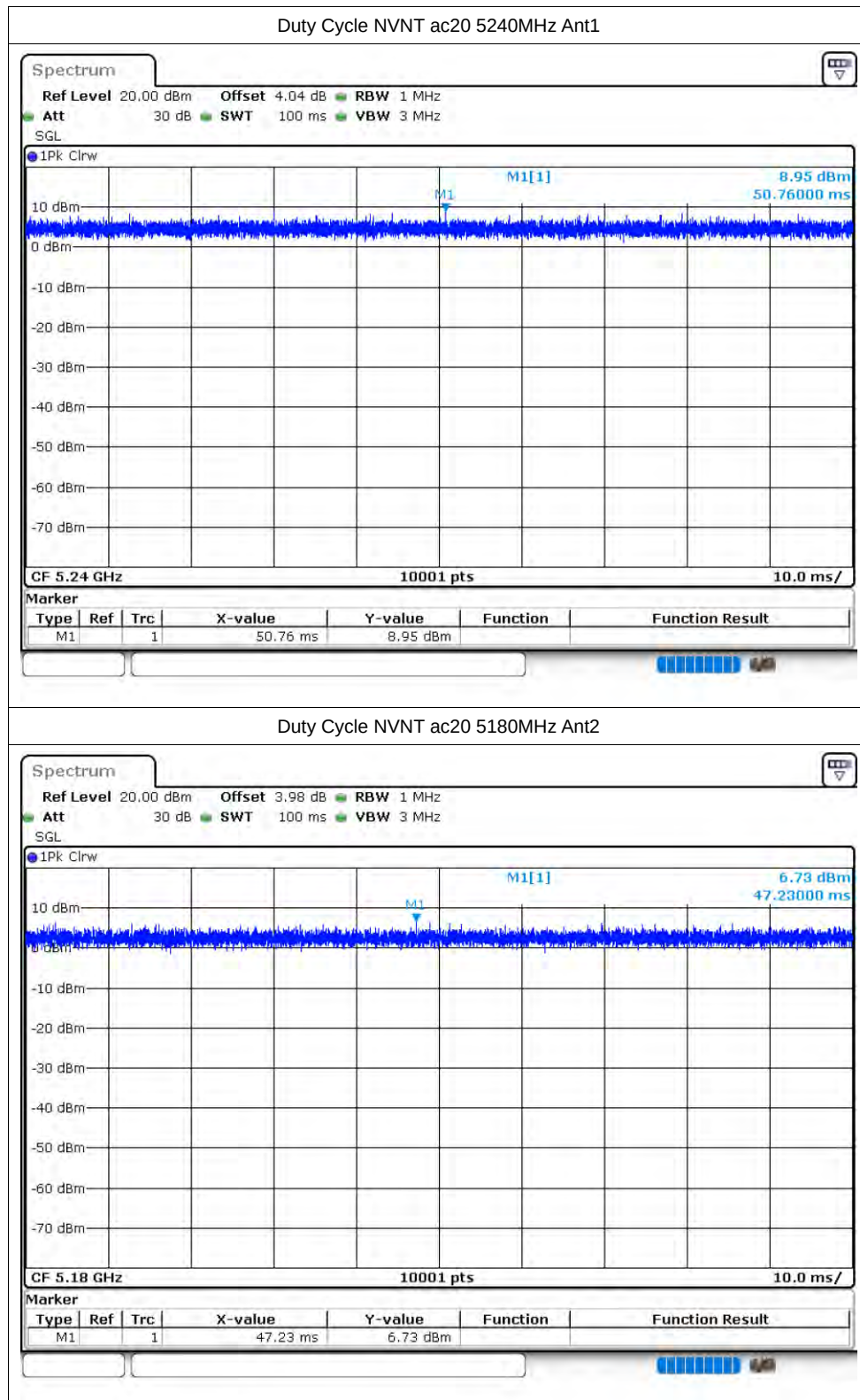


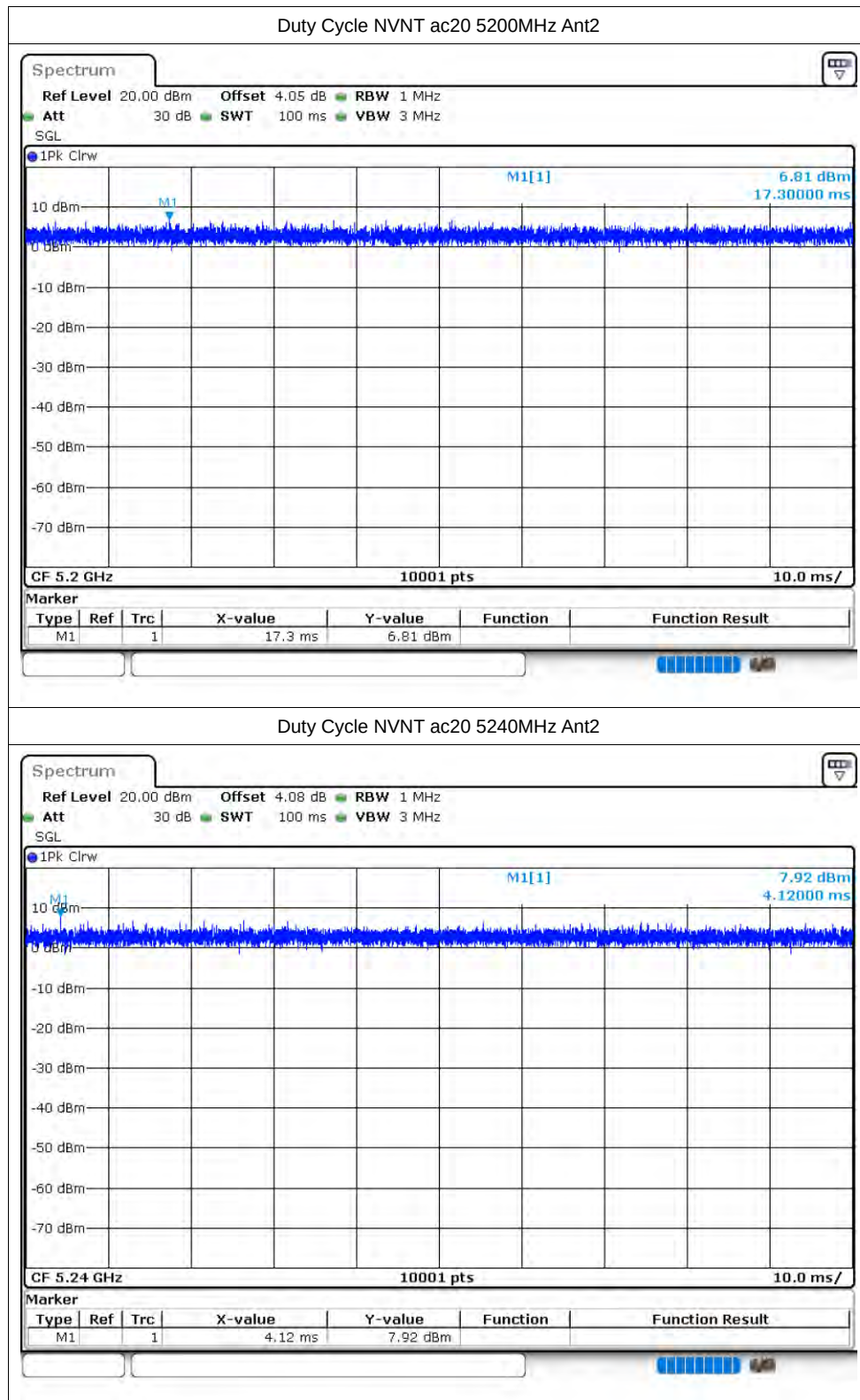


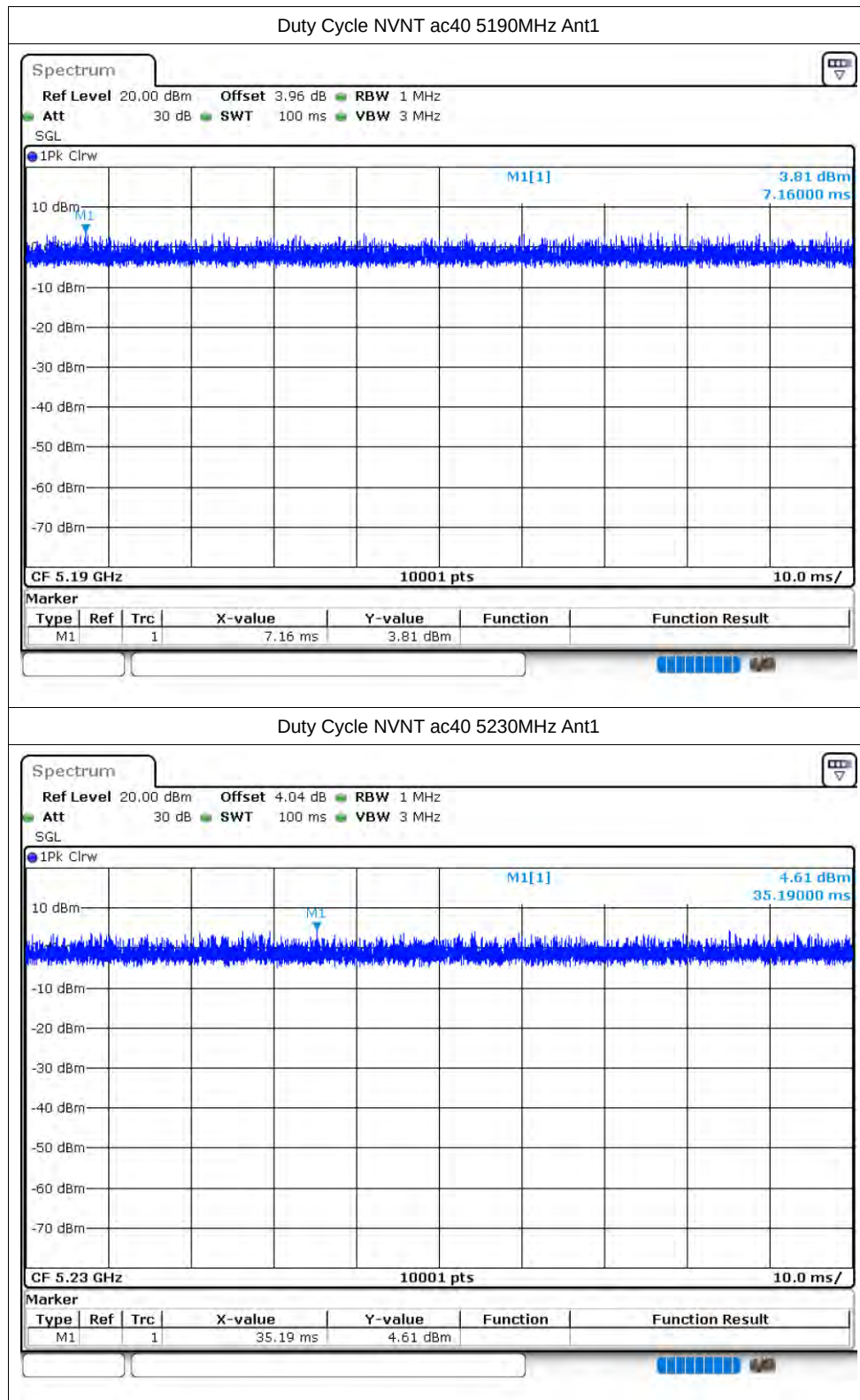


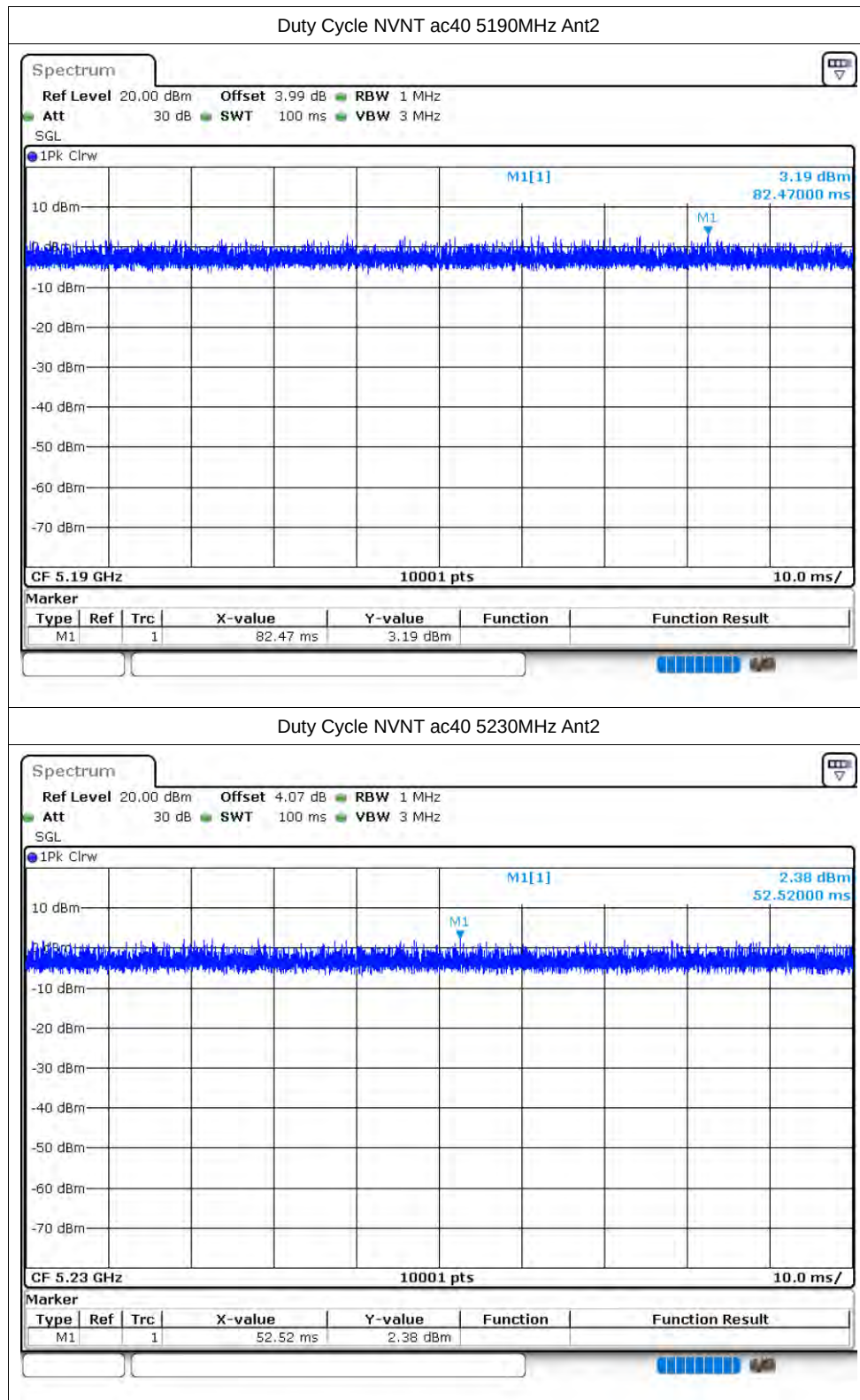


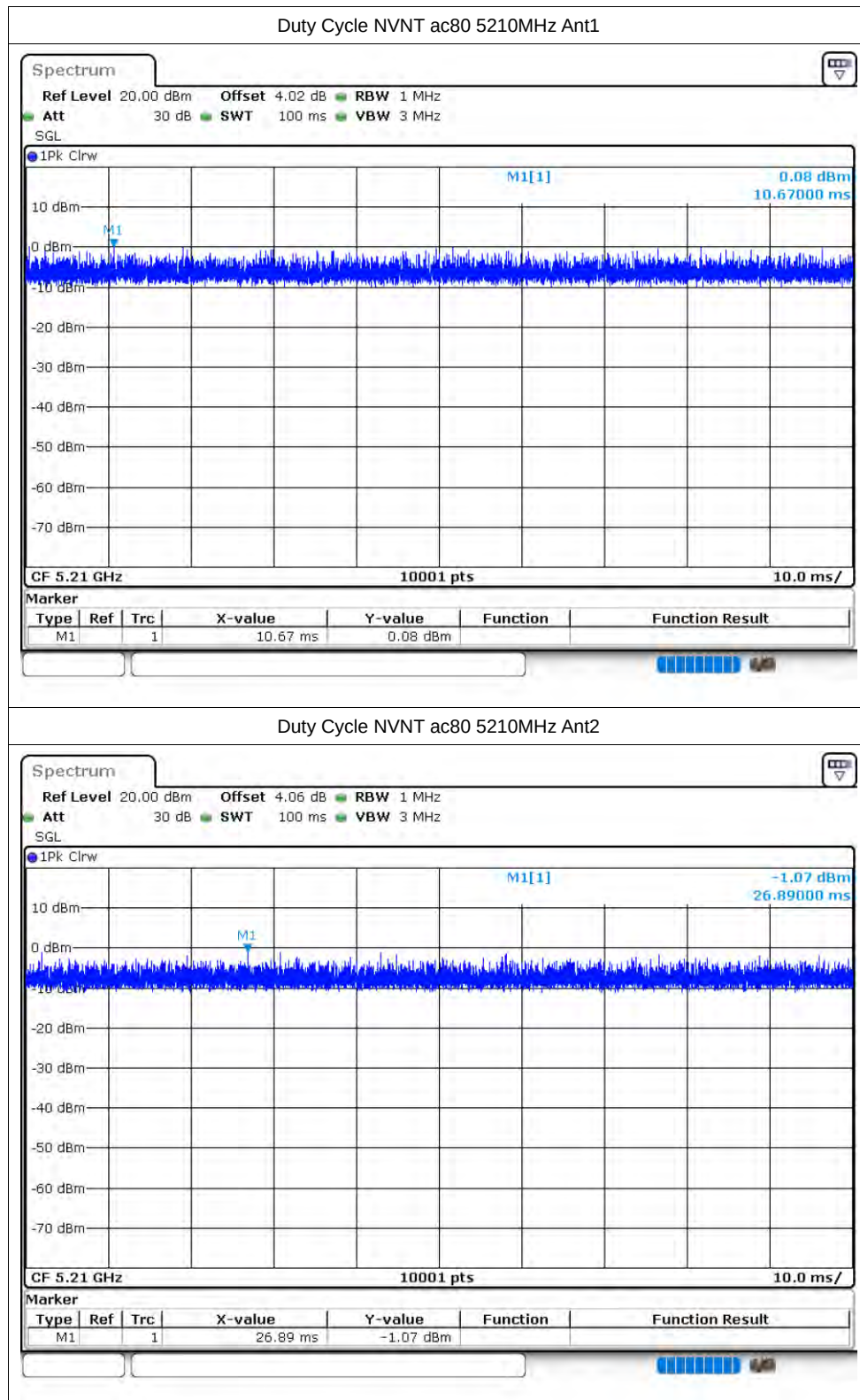


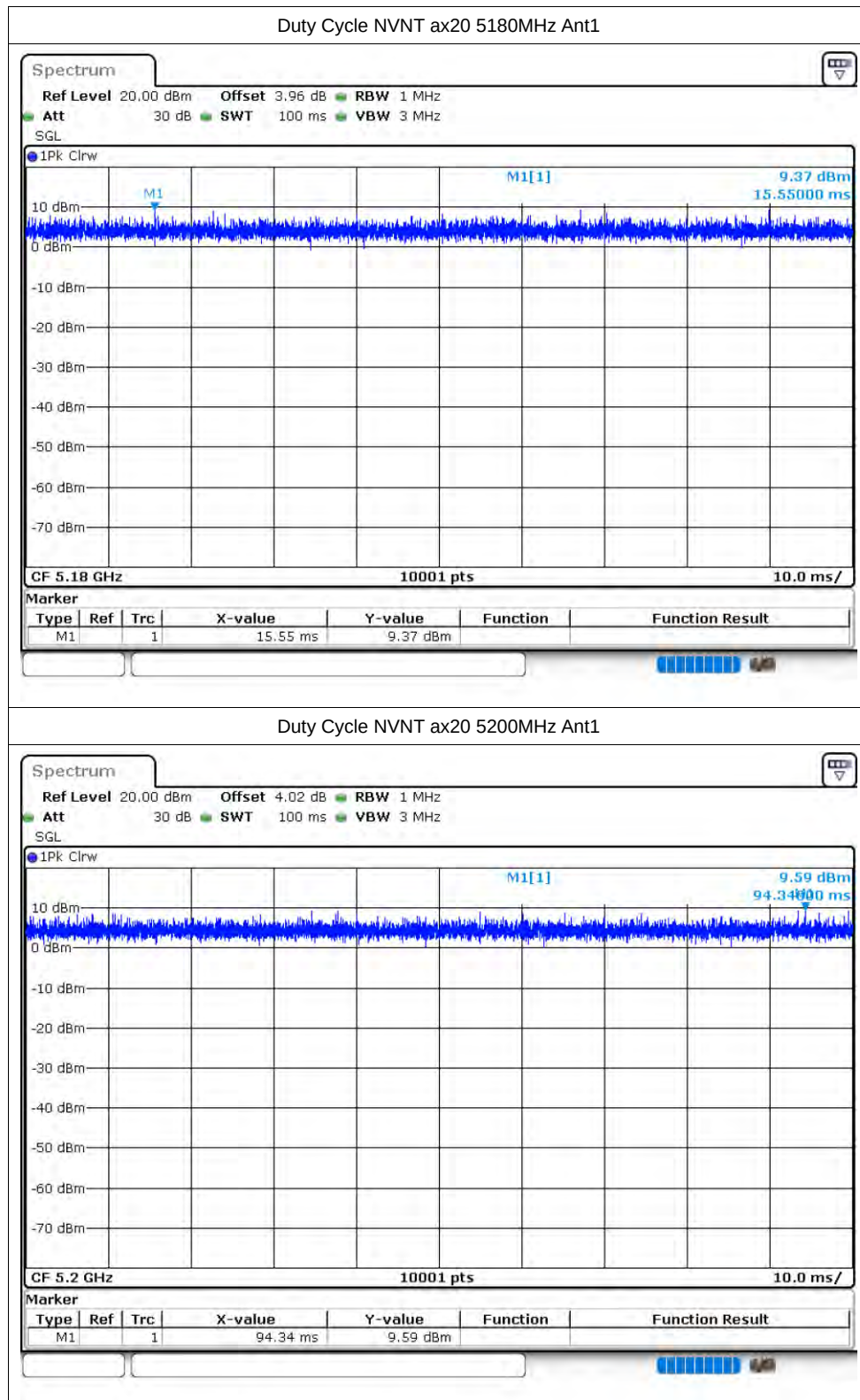


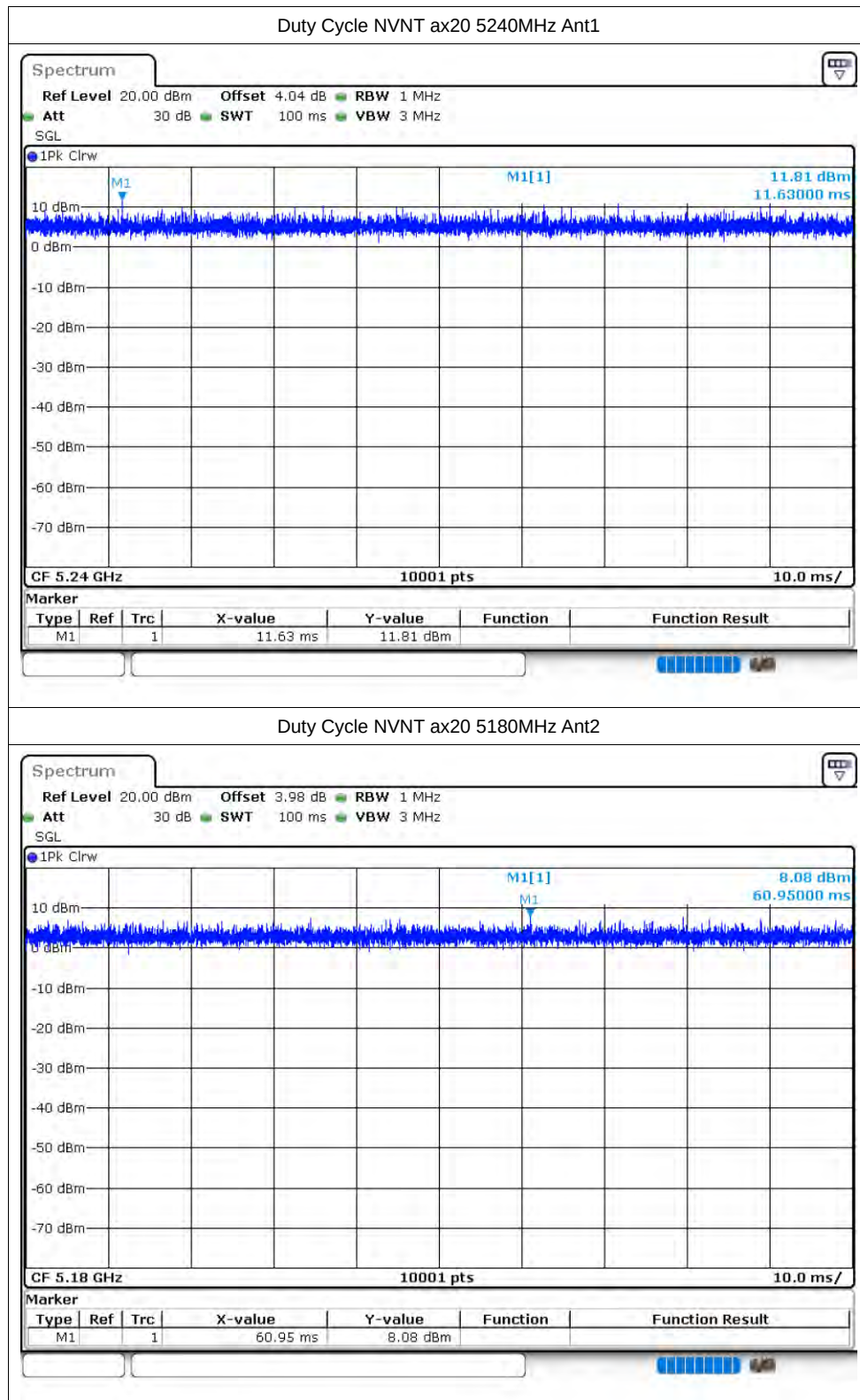


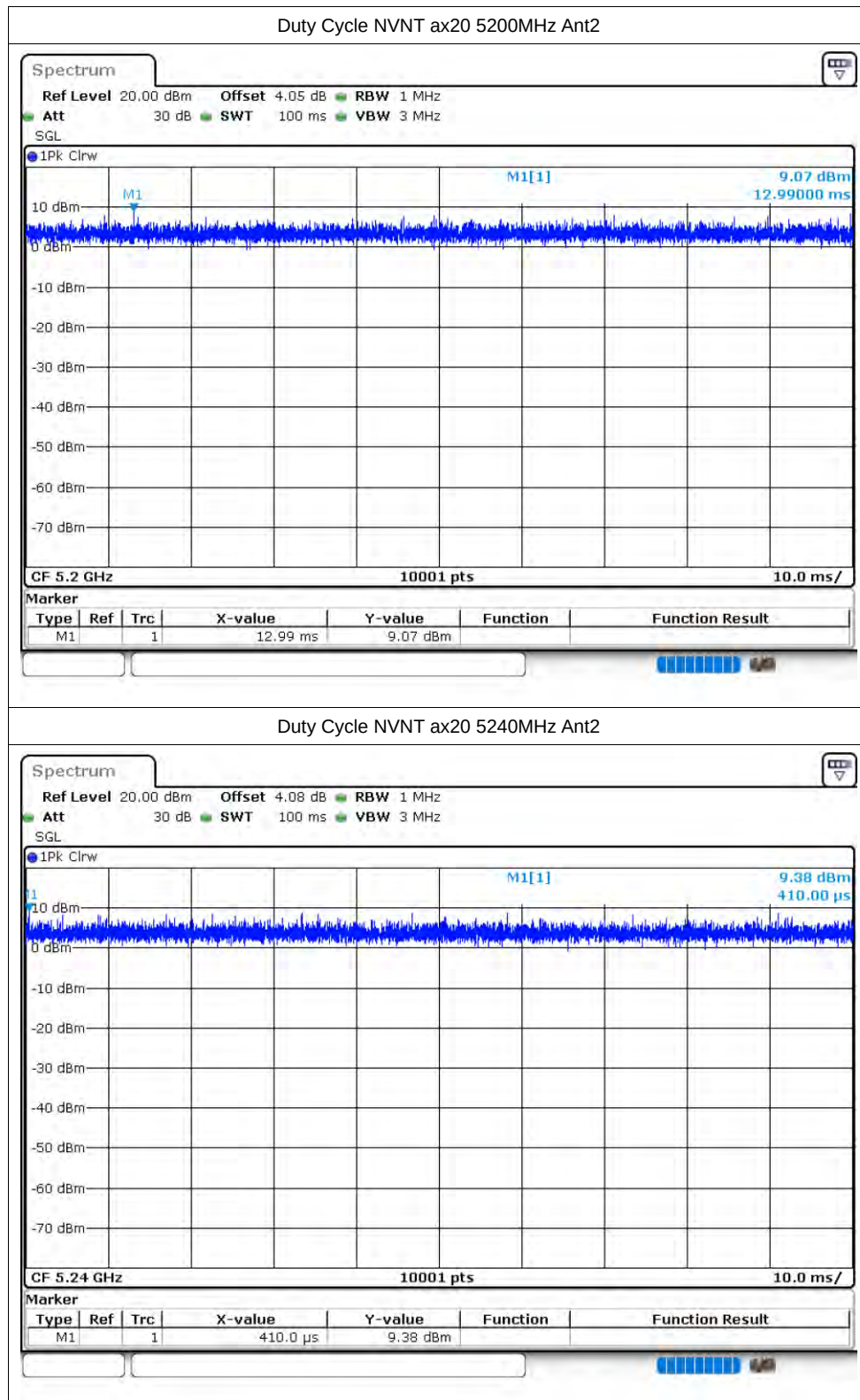


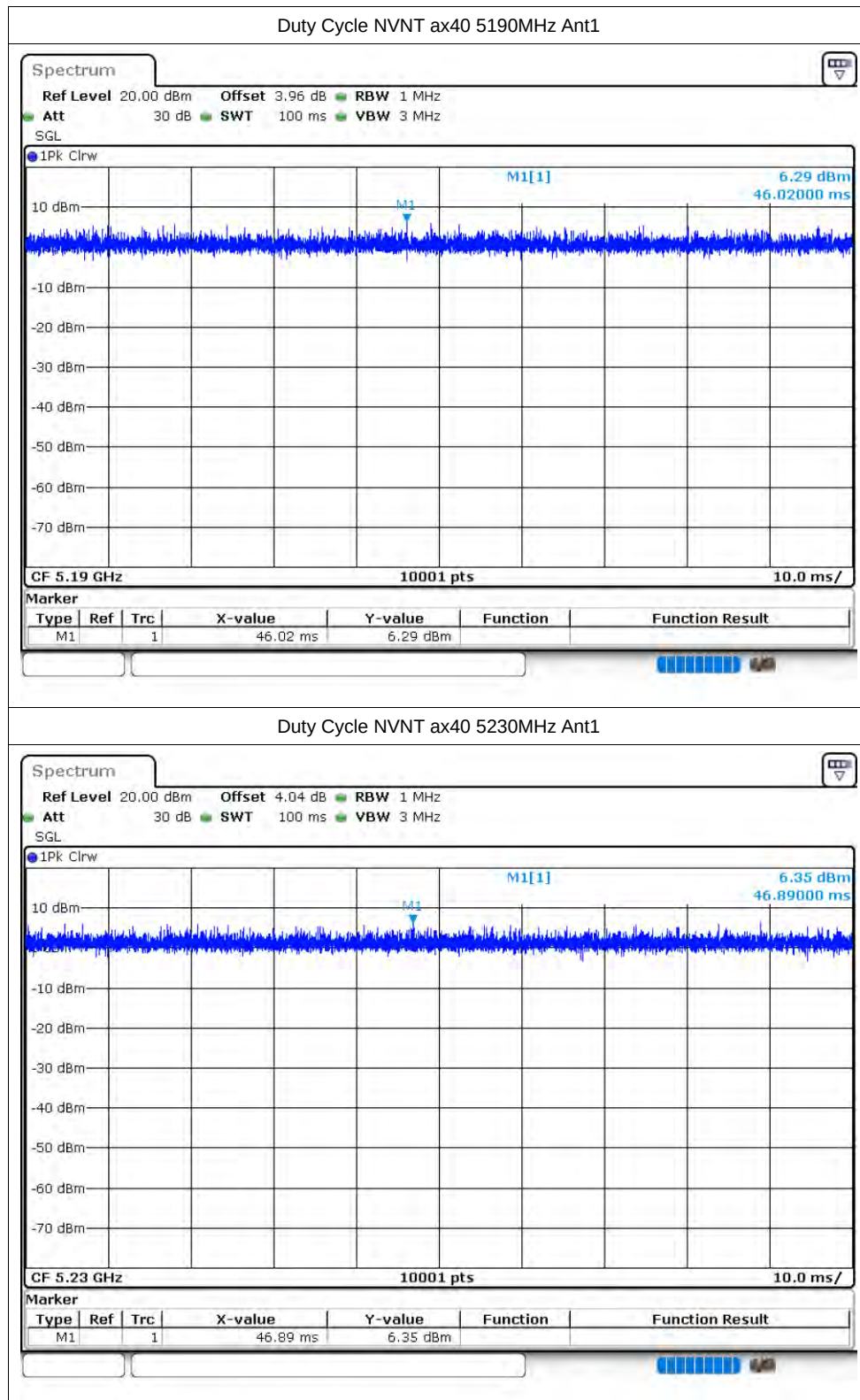


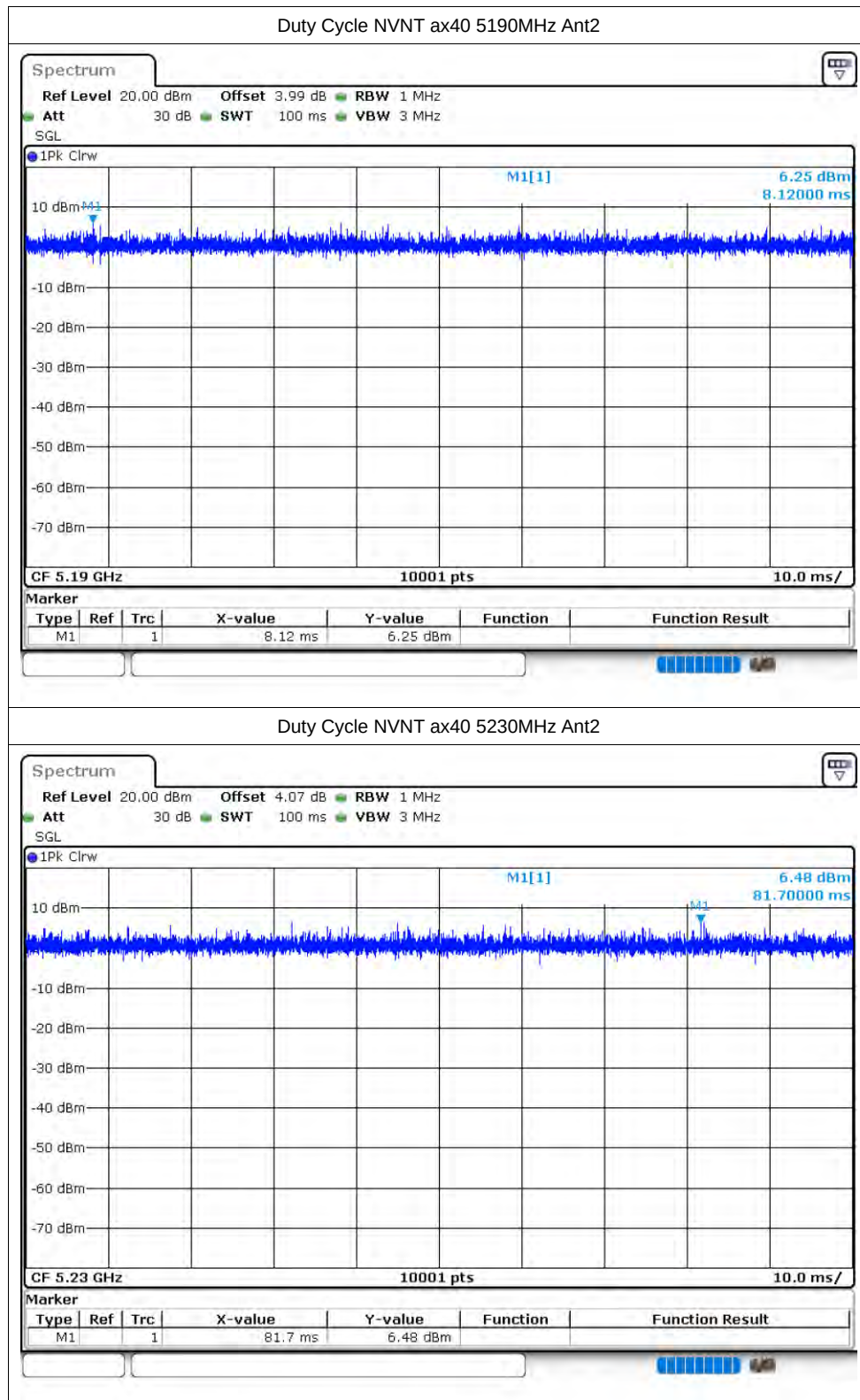


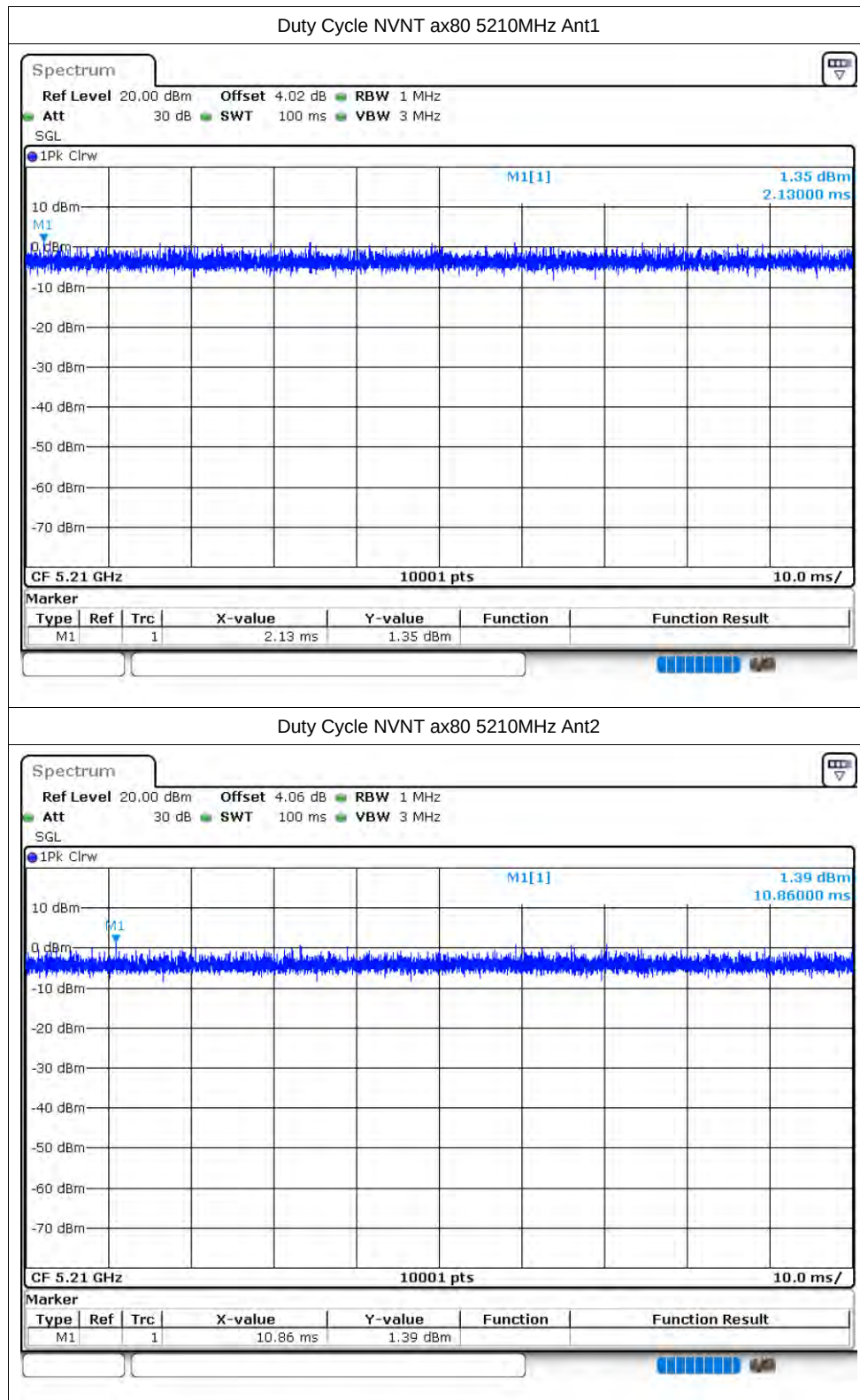








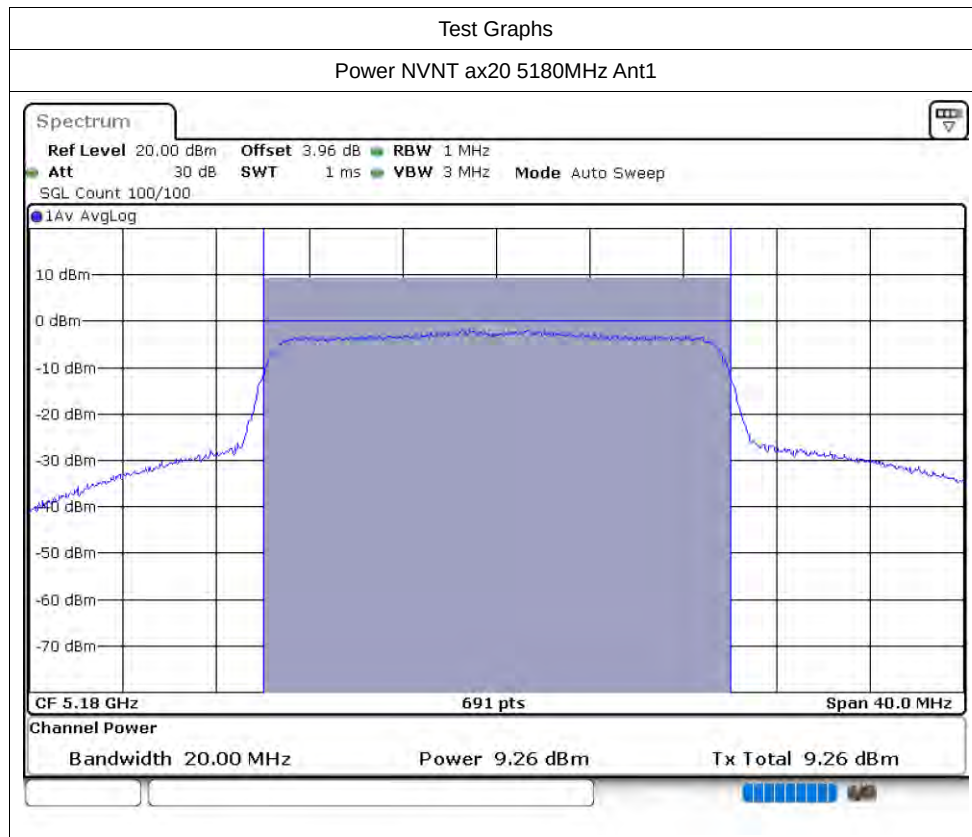




Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.15	24	Pass
NVNT	a	5200	Ant1	11.63	24	Pass
NVNT	a	5240	Ant1	11.82	24	Pass
NVNT	a	5180	Ant2	11.6	24	Pass
NVNT	a	5200	Ant2	10.79	24	Pass
NVNT	a	5240	Ant2	10.8	24	Pass
NVNT	n20	5180	Ant1	11.92	24	Pass
NVNT	n20	5200	Ant1	11.9	24	Pass
NVNT	n20	5240	Ant1	12.25	24	Pass
NVNT	n20	5180	Ant2	10.59	24	Pass
NVNT	n20	5200	Ant2	10.8	24	Pass
NVNT	n20	5240	Ant2	10.91	24	Pass
NVNT	n40	5190	Ant1	11.97	24	Pass
NVNT	n40	5230	Ant1	12.28	24	Pass
NVNT	n40	5190	Ant2	10.85	24	Pass
NVNT	n40	5230	Ant2	10.83	24	Pass
NVNT	ac20	5180	Ant1	10.6	24	Pass
NVNT	ac20	5200	Ant1	11.5	24	Pass
NVNT	ac20	5240	Ant1	12	24	Pass
NVNT	ac20	5180	Ant2	10.56	24	Pass
NVNT	ac20	5200	Ant2	10.86	24	Pass
NVNT	ac20	5240	Ant2	10.47	24	Pass
NVNT	ac40	5190	Ant1	11.85	24	Pass
NVNT	ac40	5230	Ant1	11.9	24	Pass
NVNT	ac40	5190	Ant2	10.84	24	Pass
NVNT	ac40	5230	Ant2	10.36	24	Pass
NVNT	ac80	5210	Ant1	11.76	24	Pass
NVNT	ac80	5210	Ant2	10.38	24	Pass
NVNT	ax20	5180	Ant1	9.26	24	Pass
NVNT	ax20	5200	Ant1	11.64	24	Pass
NVNT	ax20	5240	Ant1	12.29	24	Pass
NVNT	ax20	5180	Ant2	10.67	24	Pass
NVNT	ax20	5200	Ant2	11.04	24	Pass
NVNT	ax20	5240	Ant2	11.16	24	Pass
NVNT	ax40	5190	Ant1	11.3	24	Pass
NVNT	ax40	5230	Ant1	11.19	24	Pass
NVNT	ax40	5190	Ant2	10.98	24	Pass
NVNT	ax40	5230	Ant2	11.04	24	Pass
NVNT	ax80	5210	Ant1	11.21	24	Pass
NVNT	ax80	5210	Ant2	10.63	24	Pass

Note: The average power contains duty cycle

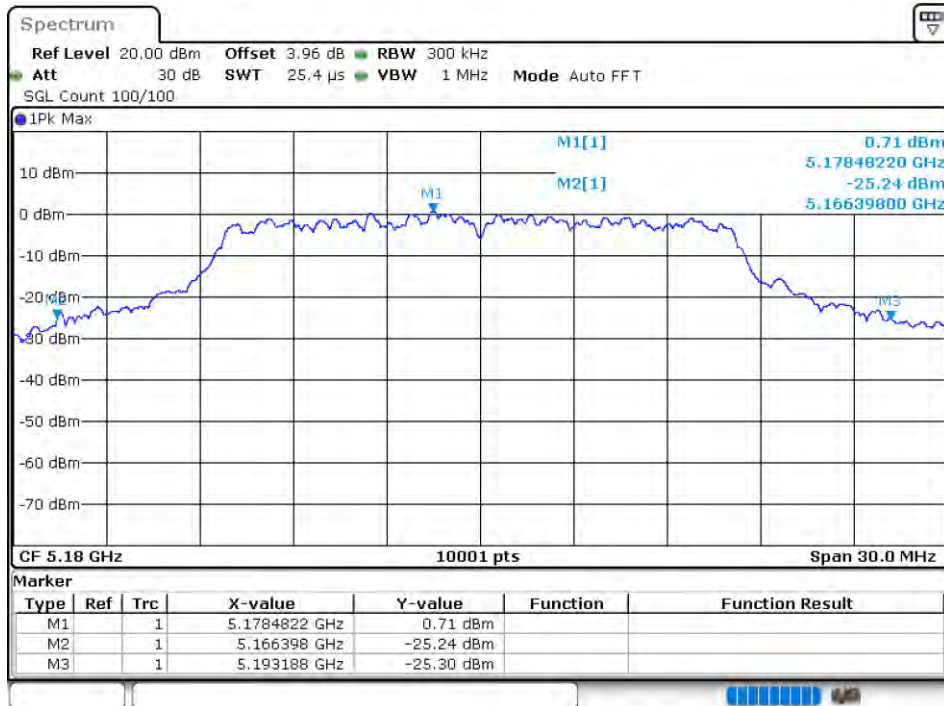


-26dB Bandwidth

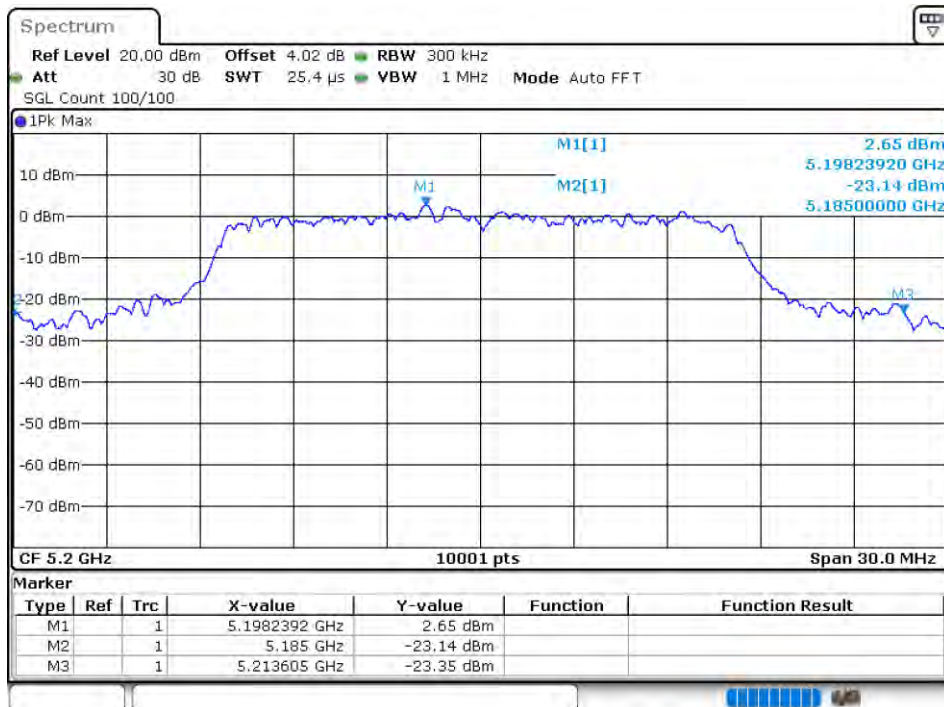
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.79	Pass
NVNT	a	5200	Ant1	28.605	Pass
NVNT	a	5240	Ant1	21.066	Pass
NVNT	a	5180	Ant2	27.528	Pass
NVNT	a	5200	Ant2	29.073	Pass
NVNT	a	5240	Ant2	20.511	Pass
NVNT	n20	5180	Ant1	28.83	Pass
NVNT	n20	5200	Ant1	29.784	Pass
NVNT	n20	5240	Ant1	22.626	Pass
NVNT	n20	5180	Ant2	28.623	Pass
NVNT	n20	5200	Ant2	29.589	Pass
NVNT	n20	5240	Ant2	22.863	Pass
NVNT	n40	5190	Ant1	44.604	Pass
NVNT	n40	5230	Ant1	39.684	Pass
NVNT	n40	5190	Ant2	40.902	Pass
NVNT	n40	5230	Ant2	39.738	Pass
NVNT	ac20	5180	Ant1	29.007	Pass
NVNT	ac20	5200	Ant1	29.736	Pass
NVNT	ac20	5240	Ant1	21.744	Pass
NVNT	ac20	5180	Ant2	28.314	Pass
NVNT	ac20	5200	Ant2	29.388	Pass
NVNT	ac20	5240	Ant2	22.812	Pass
NVNT	ac40	5190	Ant1	42.54	Pass
NVNT	ac40	5230	Ant1	39.618	Pass
NVNT	ac40	5190	Ant2	44.646	Pass
NVNT	ac40	5230	Ant2	40.122	Pass
NVNT	ac80	5210	Ant1	104.868	Pass
NVNT	ac80	5210	Ant2	100.236	Pass
NVNT	ax20	5180	Ant1	28.05	Pass
NVNT	ax20	5200	Ant1	26.97	Pass
NVNT	ax20	5240	Ant1	21.999	Pass
NVNT	ax20	5180	Ant2	27.831	Pass
NVNT	ax20	5200	Ant2	26.241	Pass
NVNT	ax20	5240	Ant2	21.609	Pass
NVNT	ax40	5190	Ant1	48.21	Pass
NVNT	ax40	5230	Ant1	39.174	Pass
NVNT	ax40	5190	Ant2	40.698	Pass
NVNT	ax40	5230	Ant2	39.48	Pass
NVNT	ax80	5210	Ant1	81.072	Pass
NVNT	ax80	5210	Ant2	79.428	Pass

Test Graphs

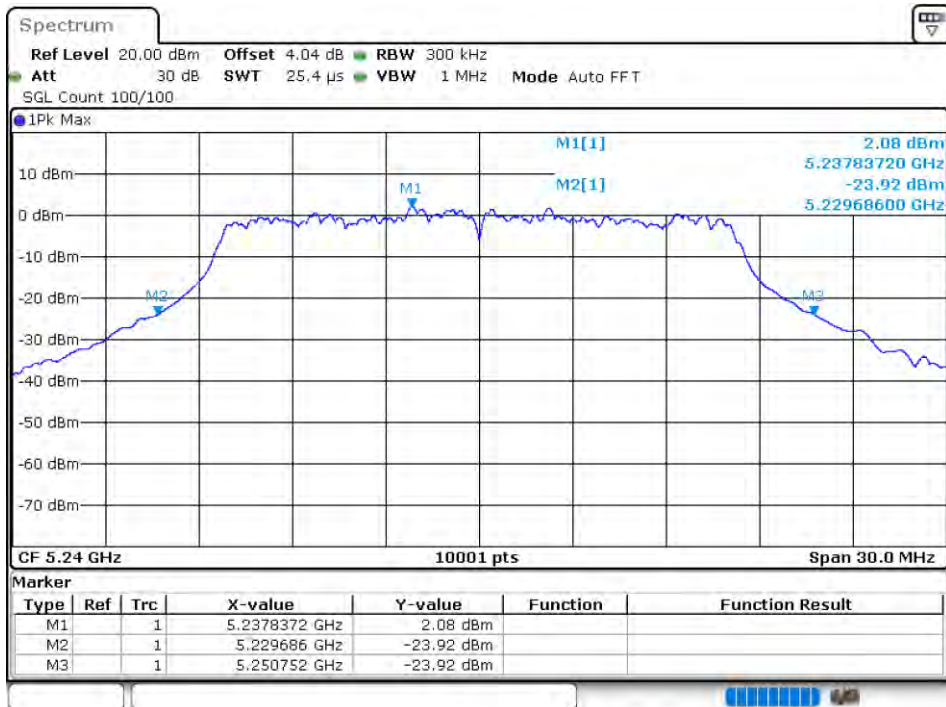
-26dB Bandwidth NVNT a 5180MHz Ant1



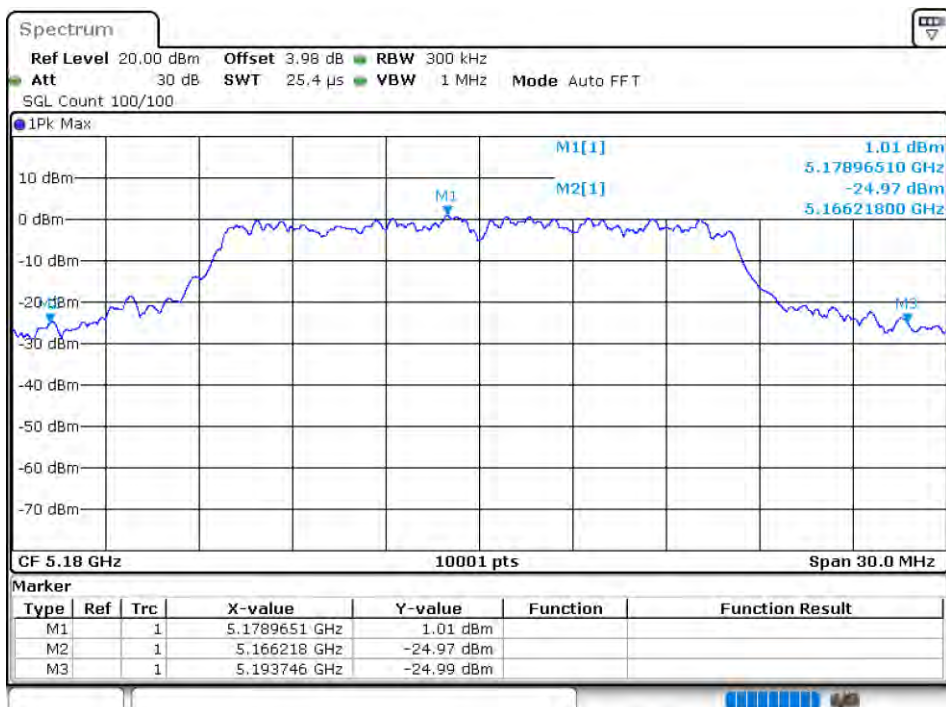
-26dB Bandwidth NVNT a 5200MHz Ant1

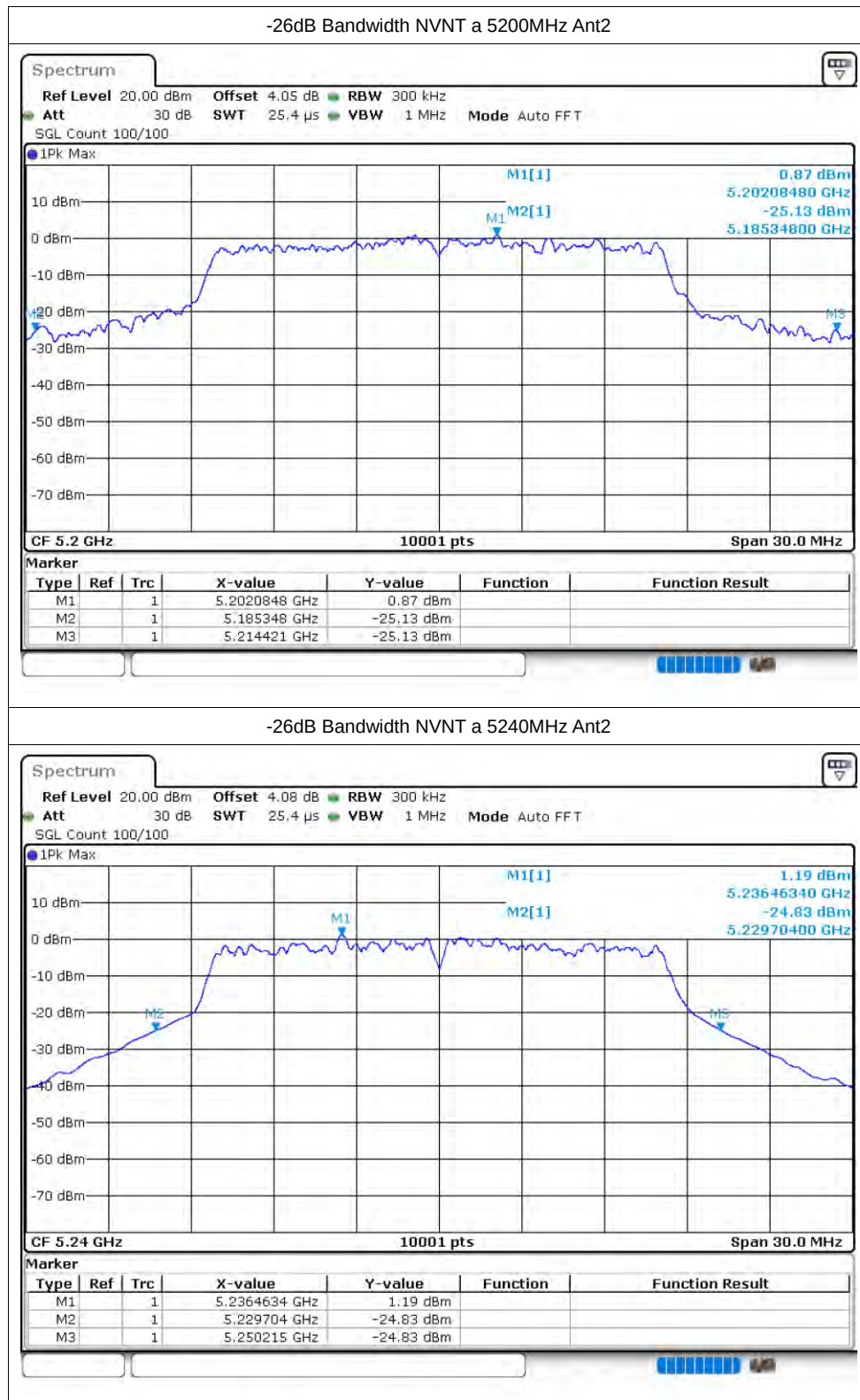


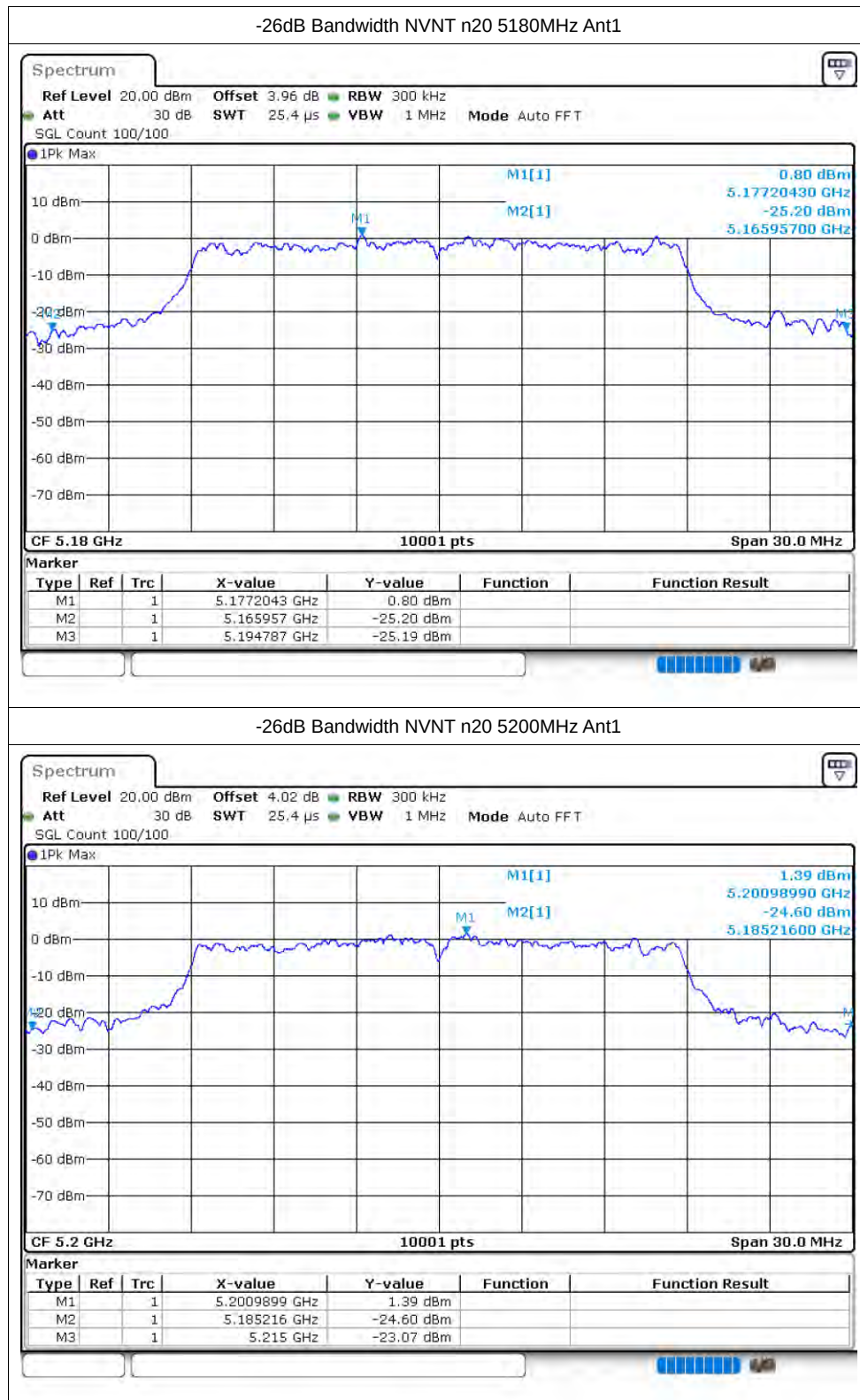
-26dB Bandwidth NVNT a 5240MHz Ant1

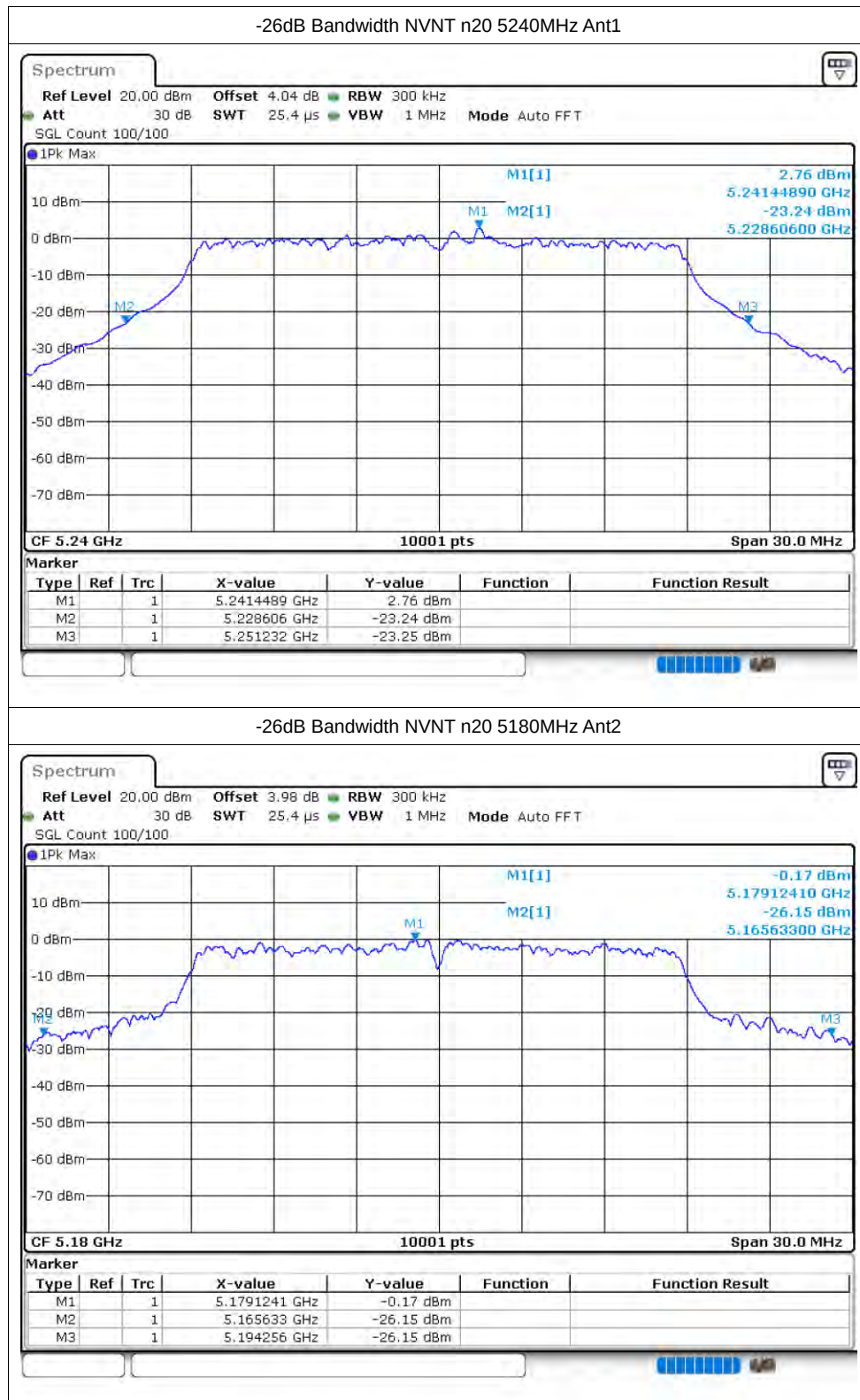


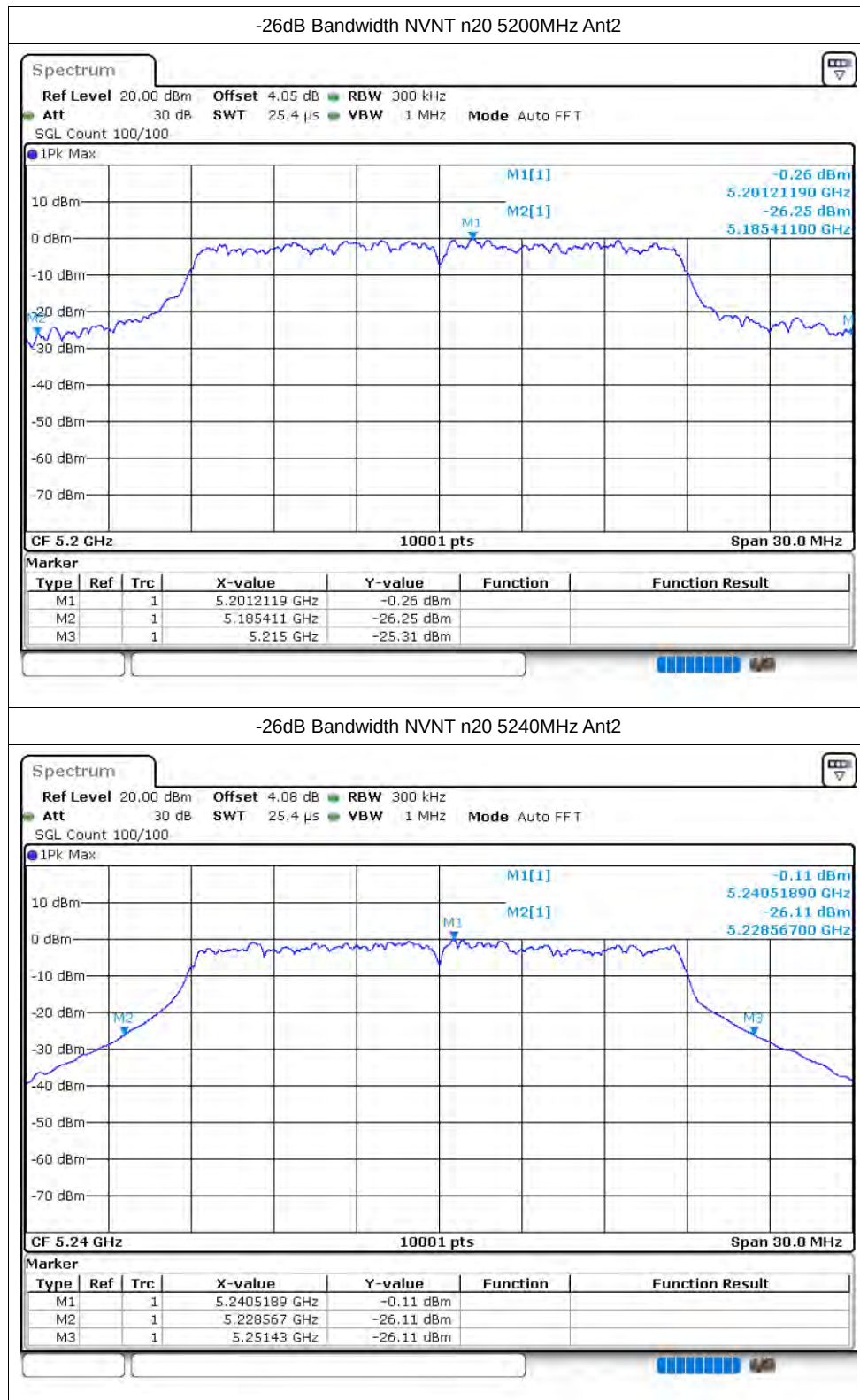
-26dB Bandwidth NVNT a 5180MHz Ant2



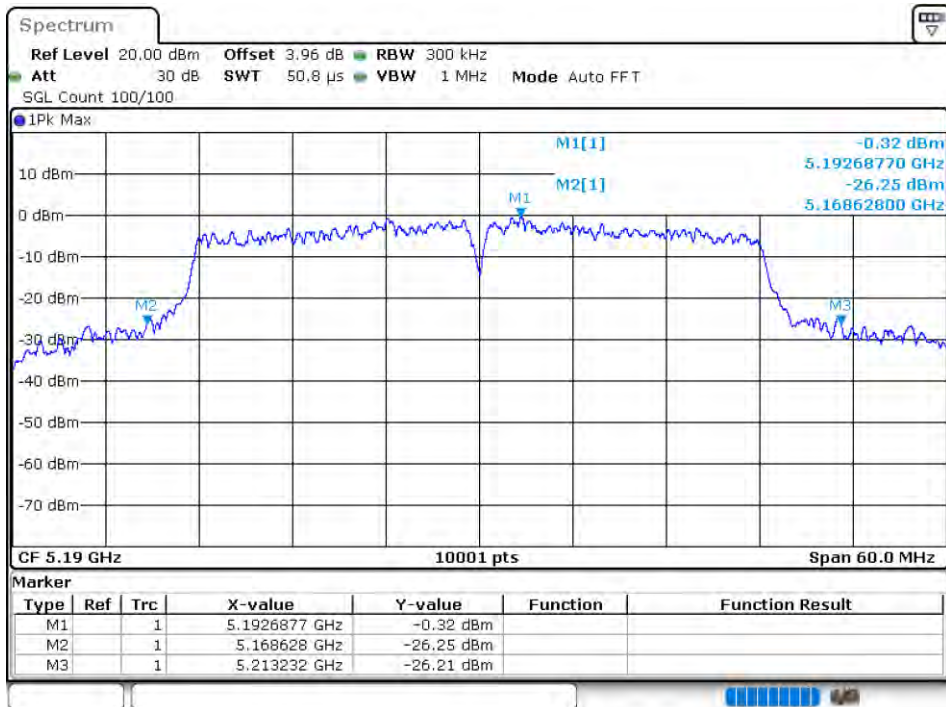




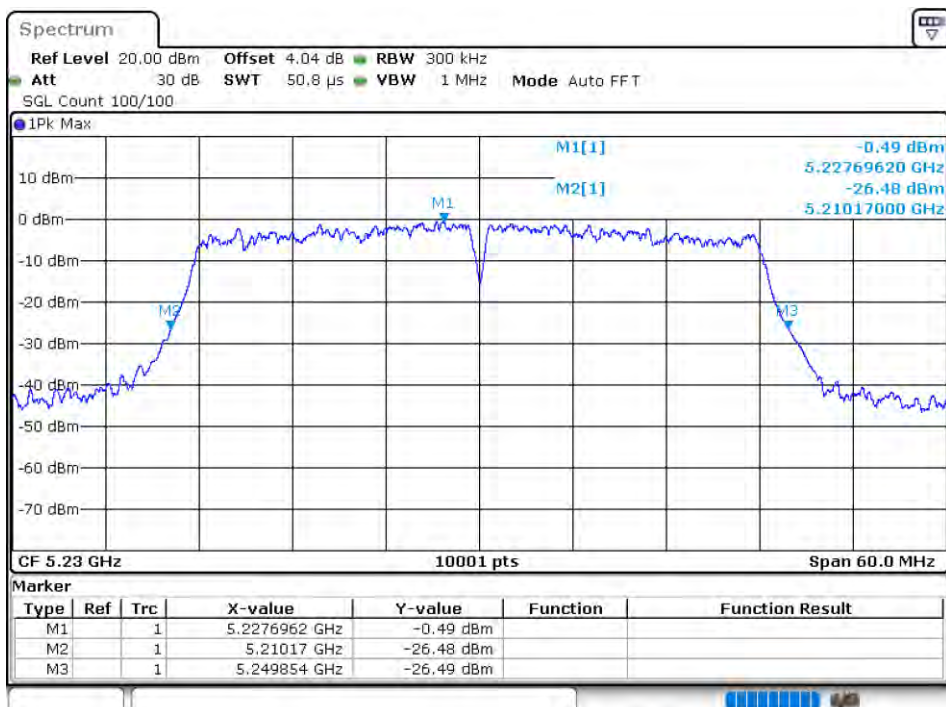


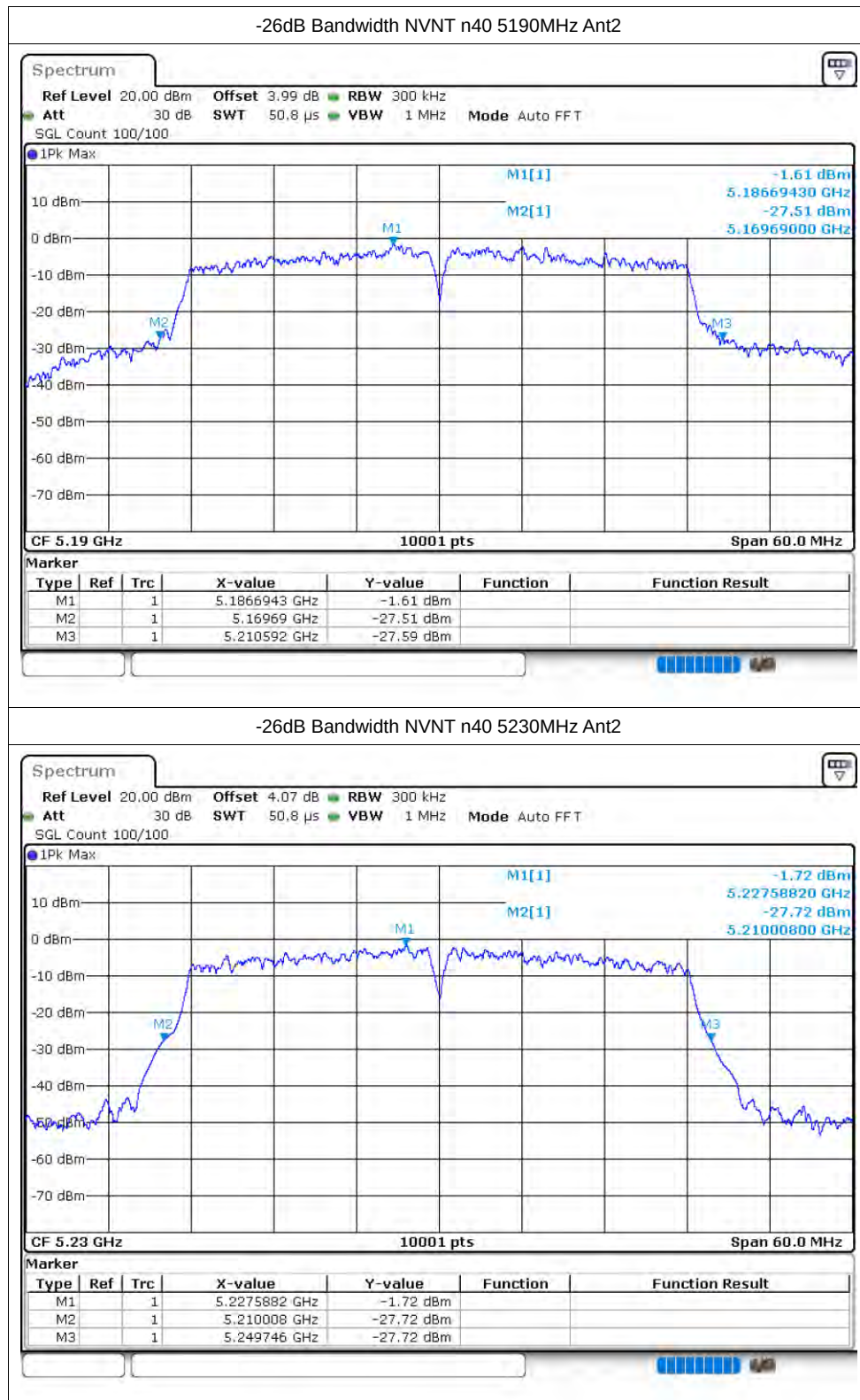


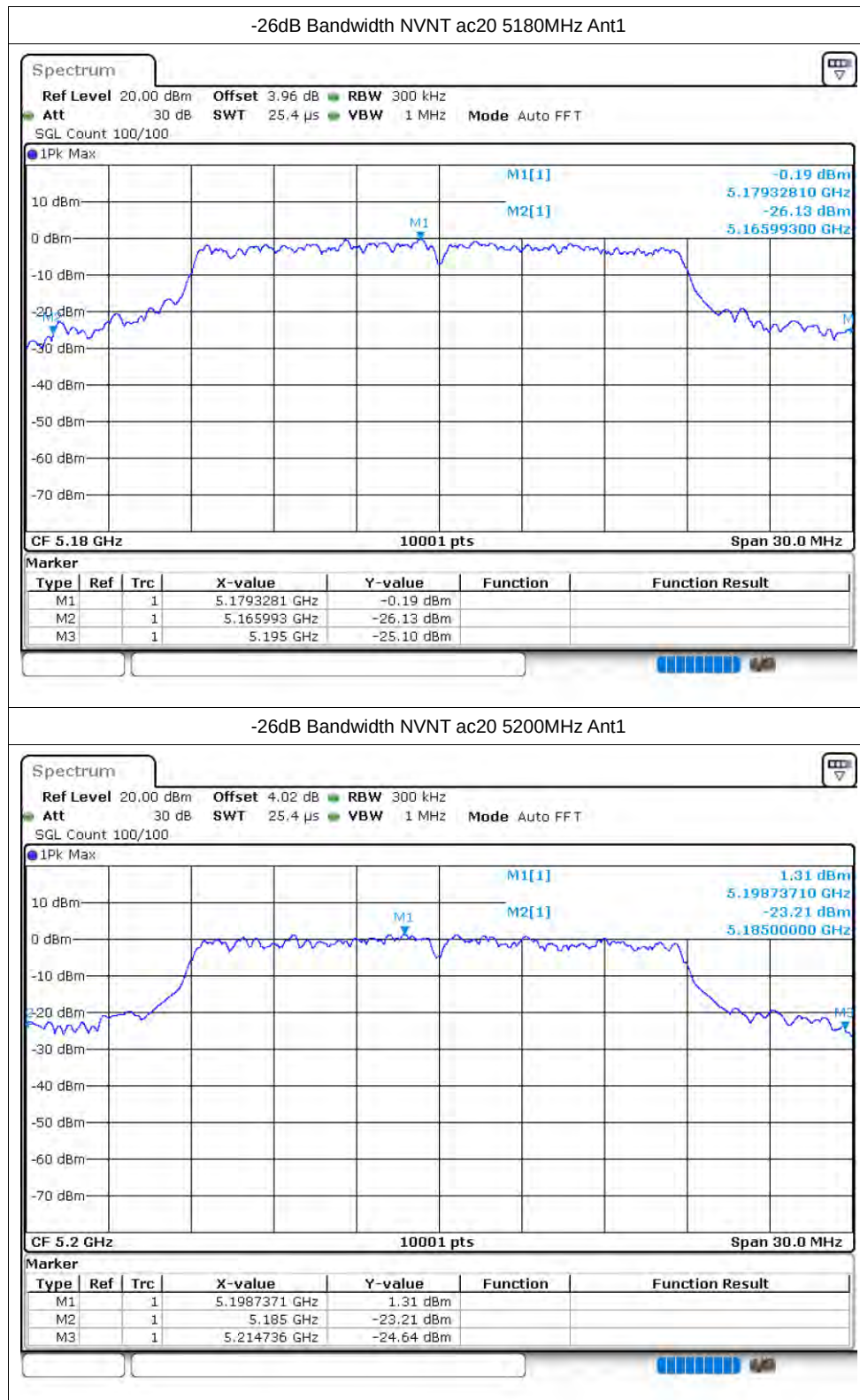
-26dB Bandwidth NVNT n40 5190MHz Ant1

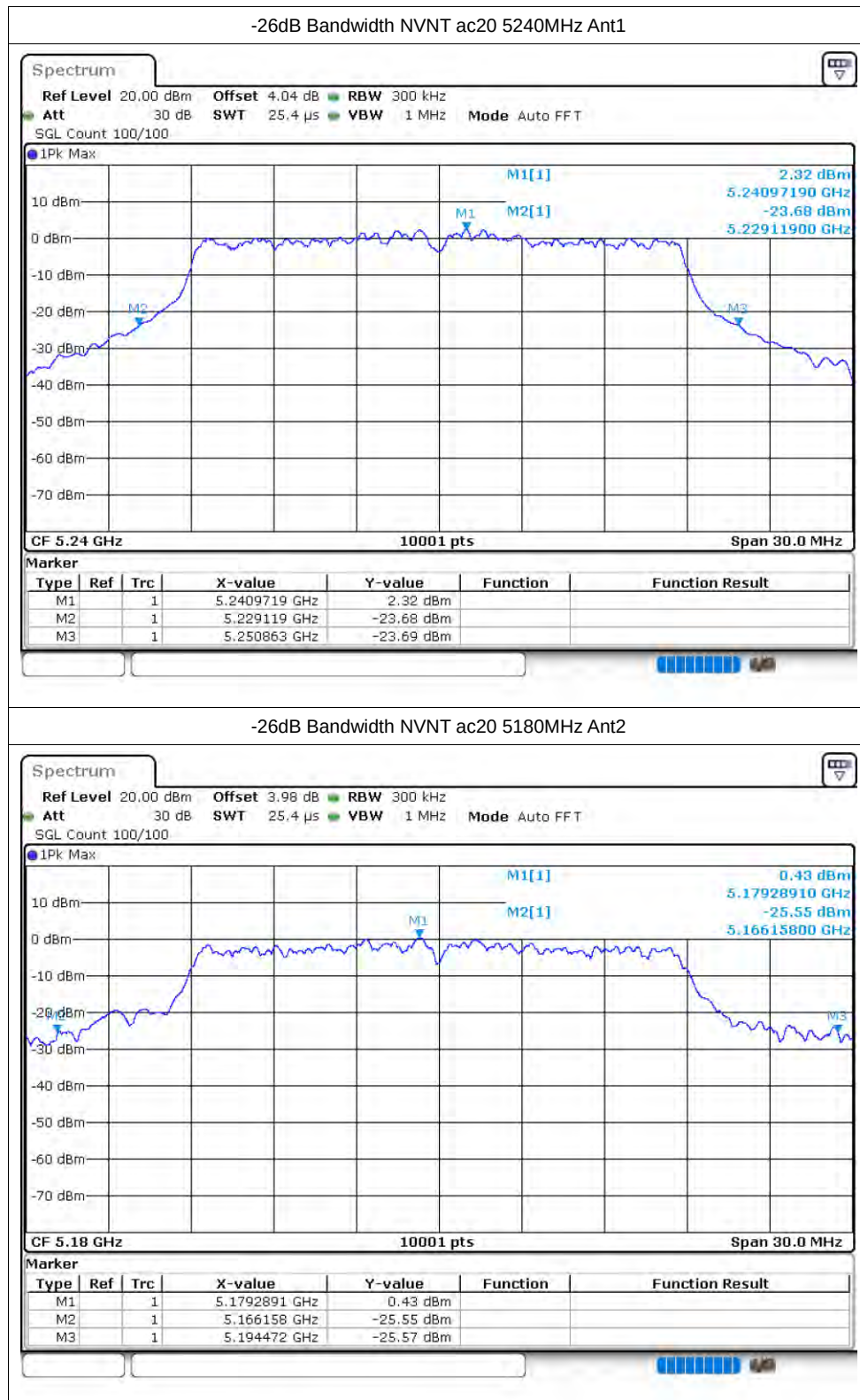


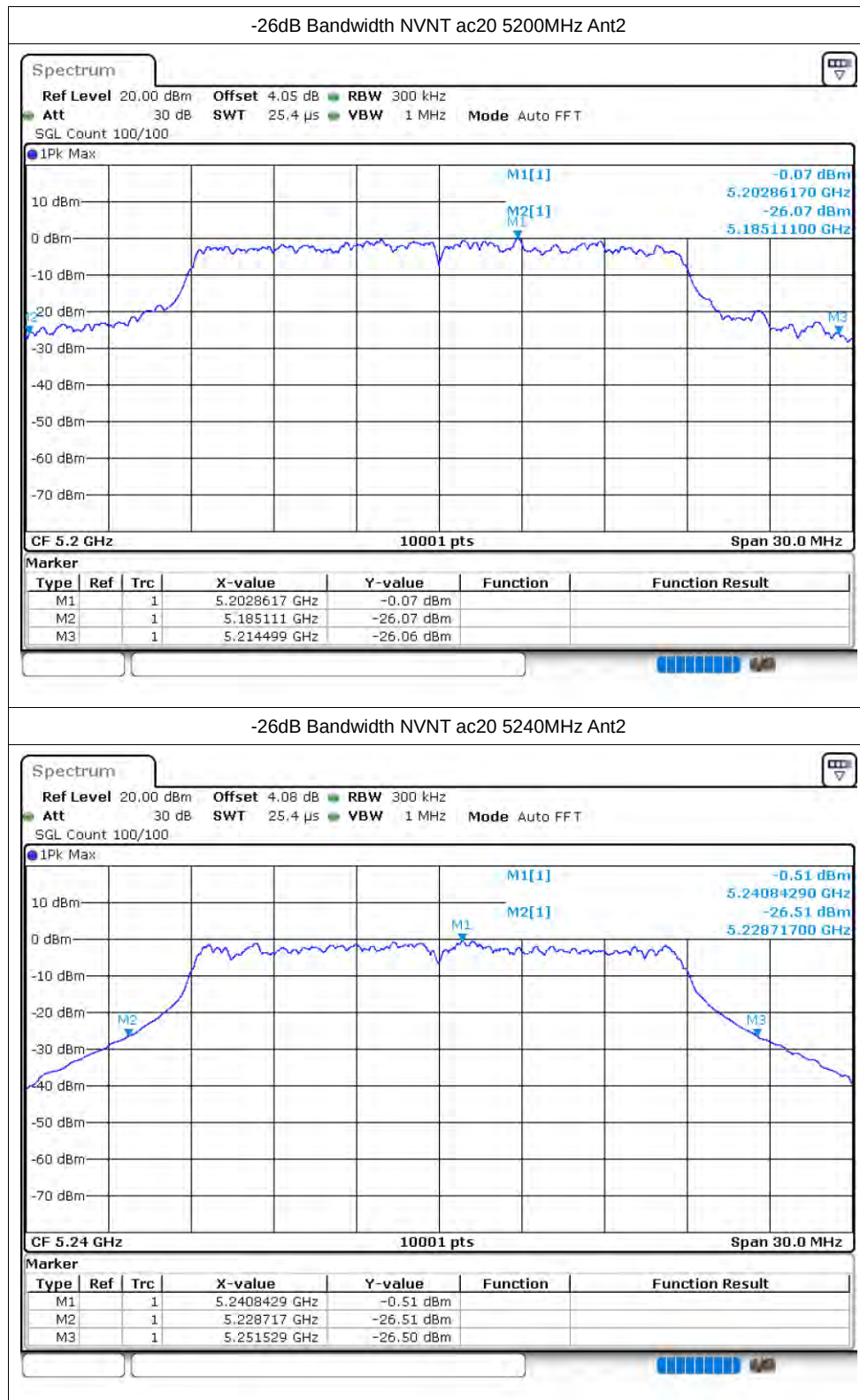
-26dB Bandwidth NVNT n40 5230MHz Ant1

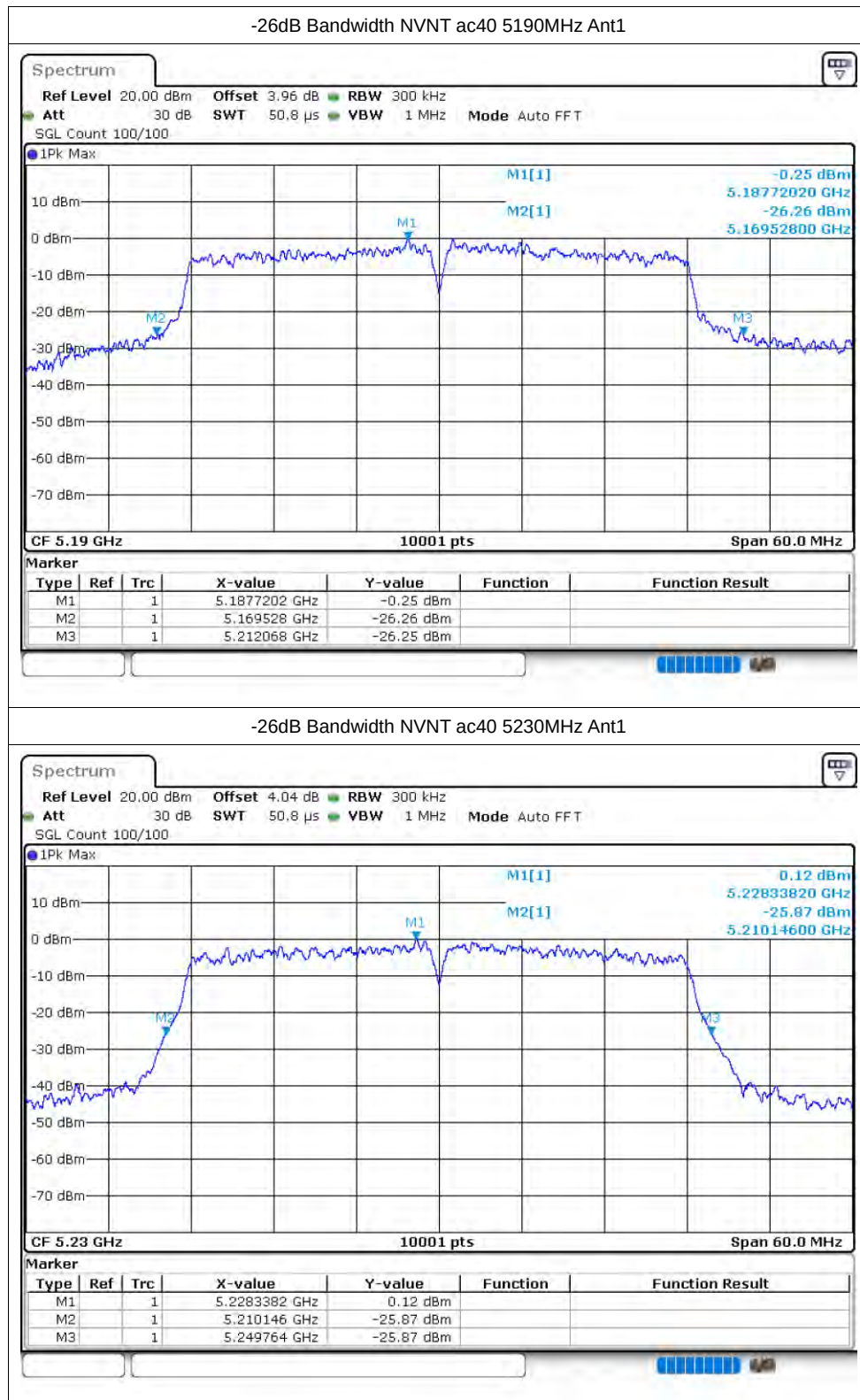




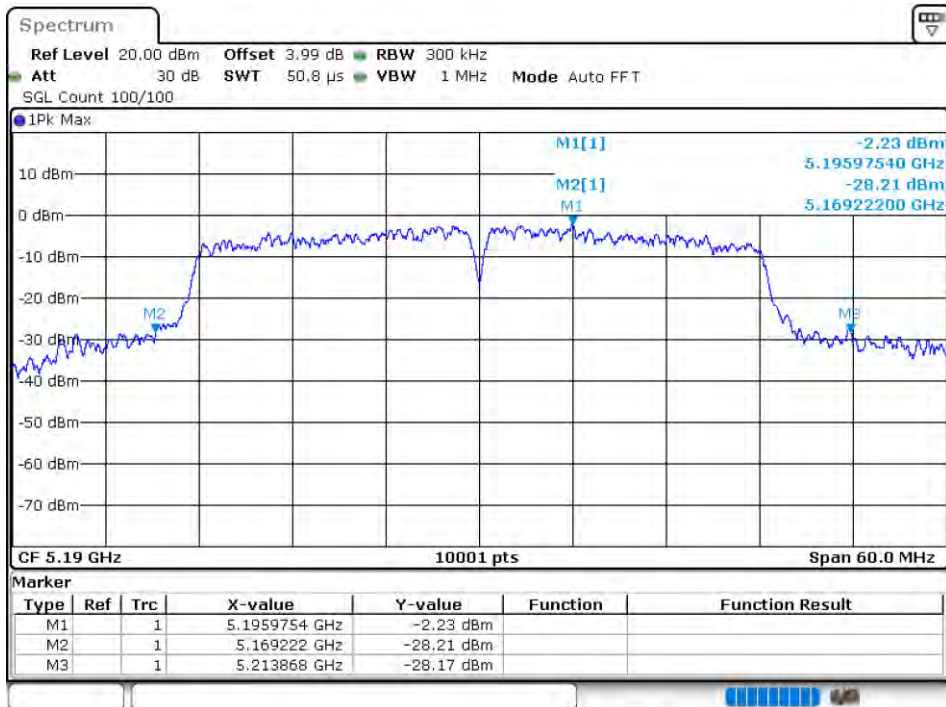




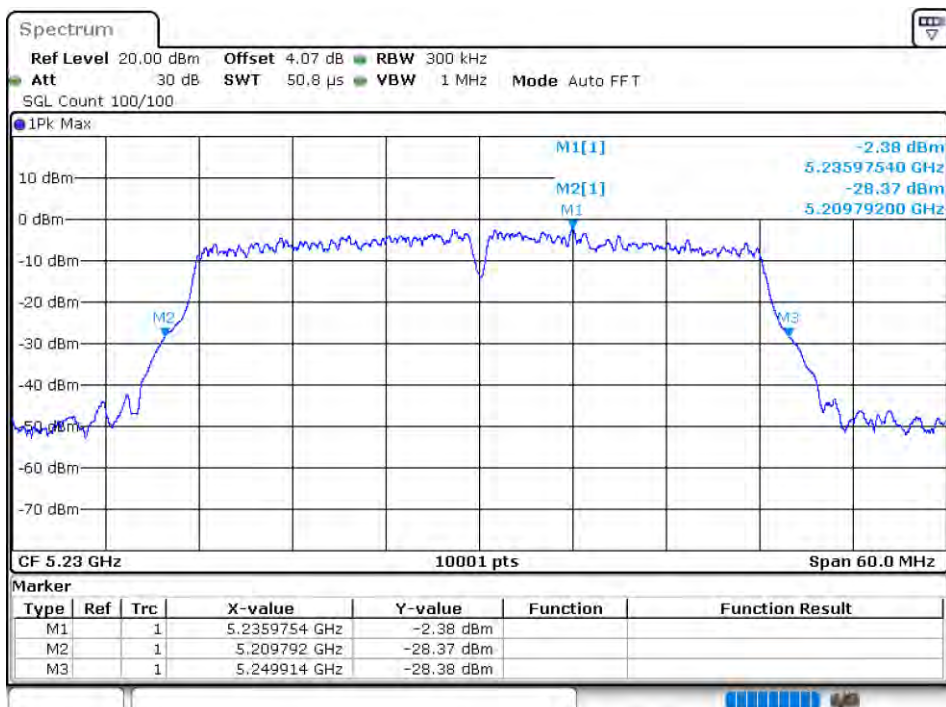


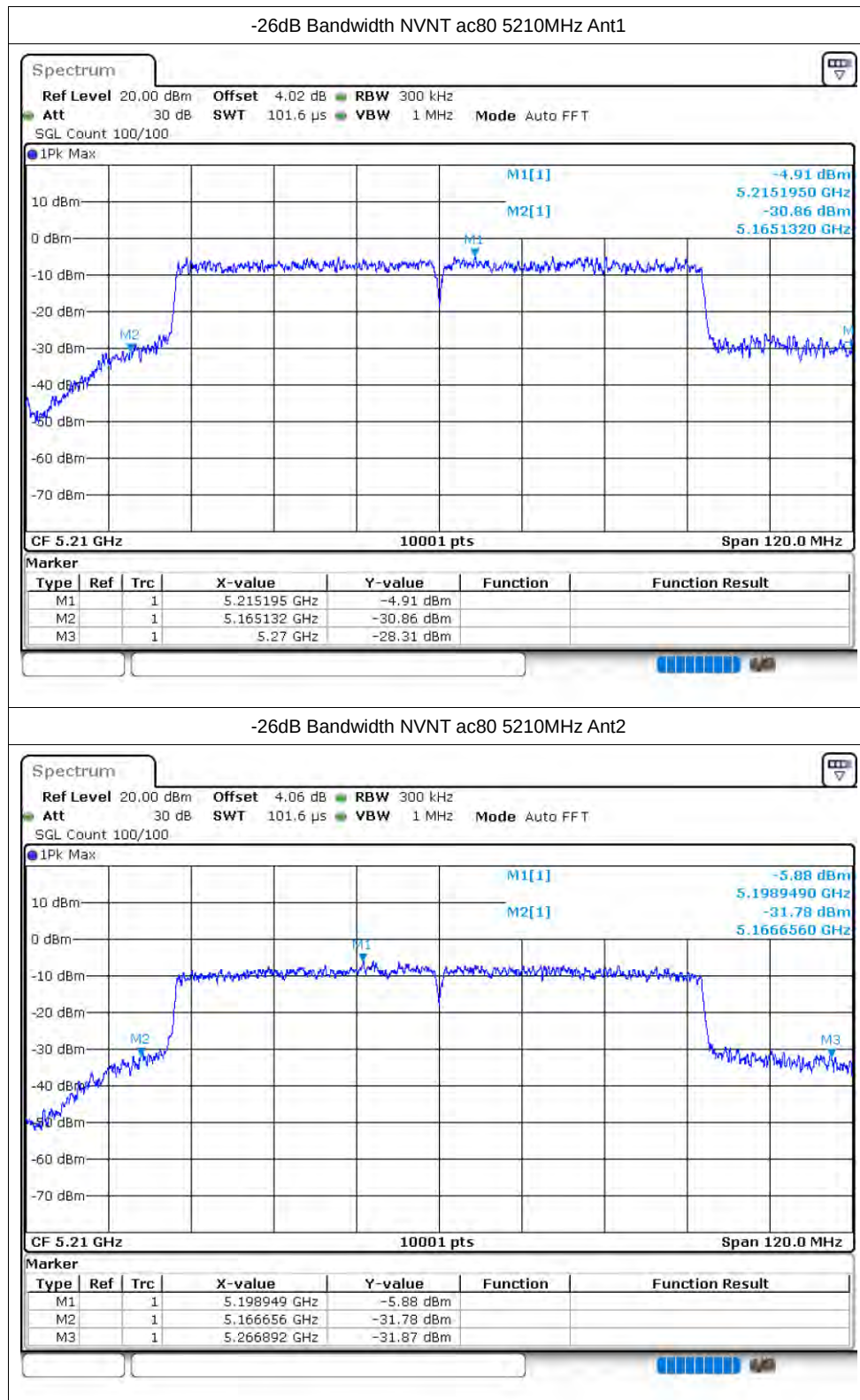


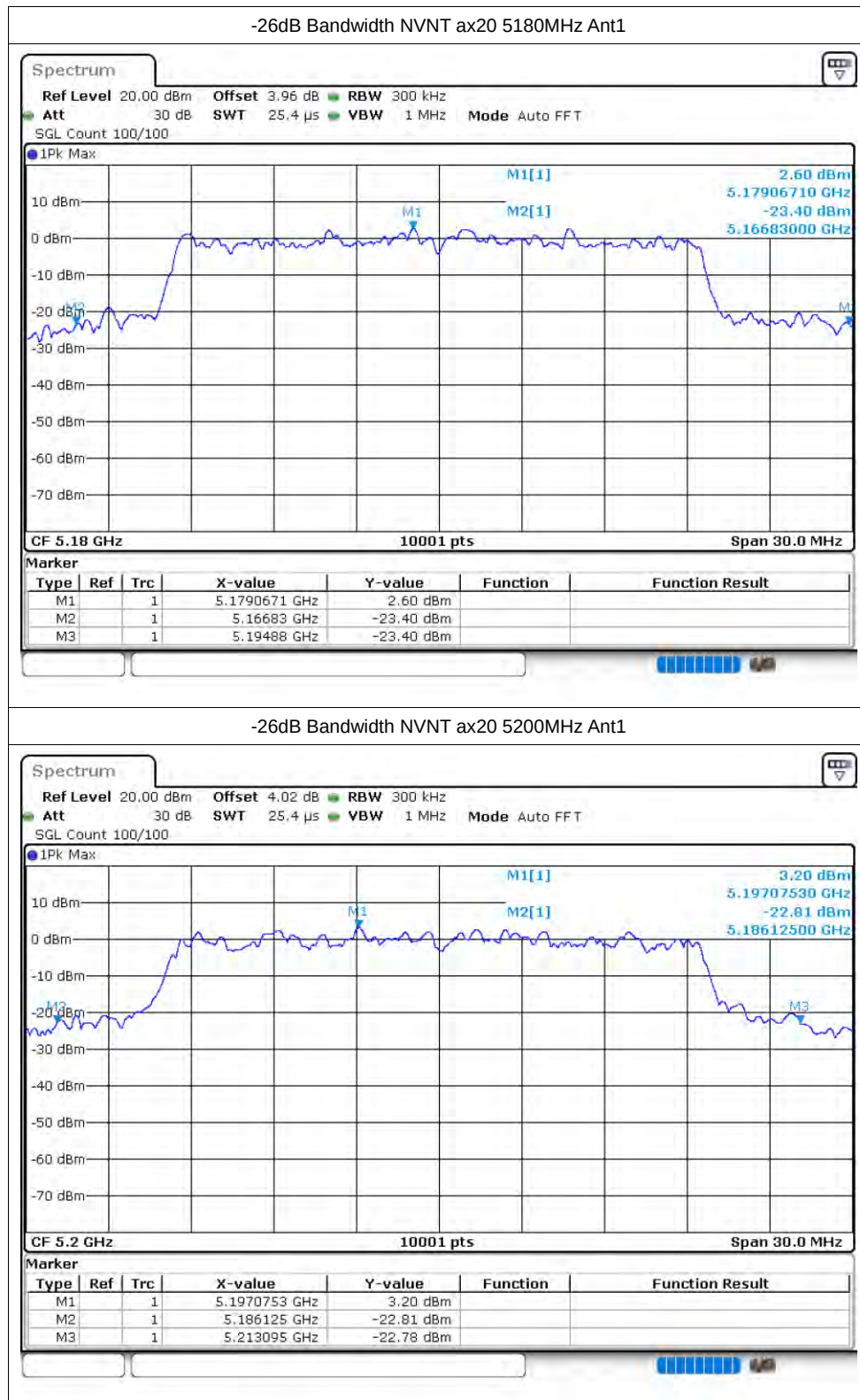
-26dB Bandwidth NVNT ac40 5190MHz Ant2



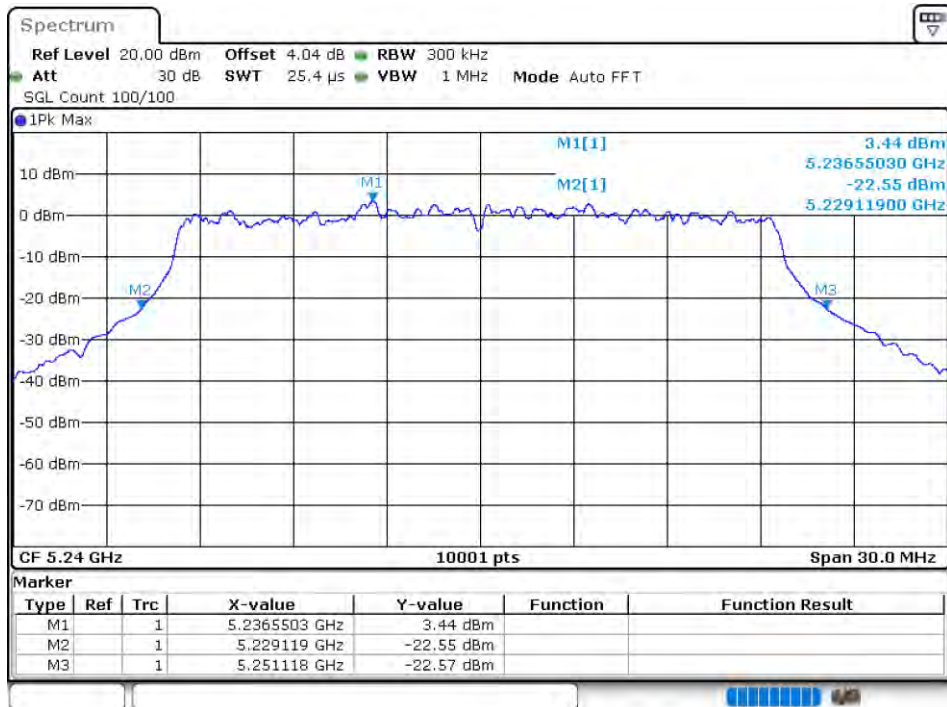
-26dB Bandwidth NVNT ac40 5230MHz Ant2



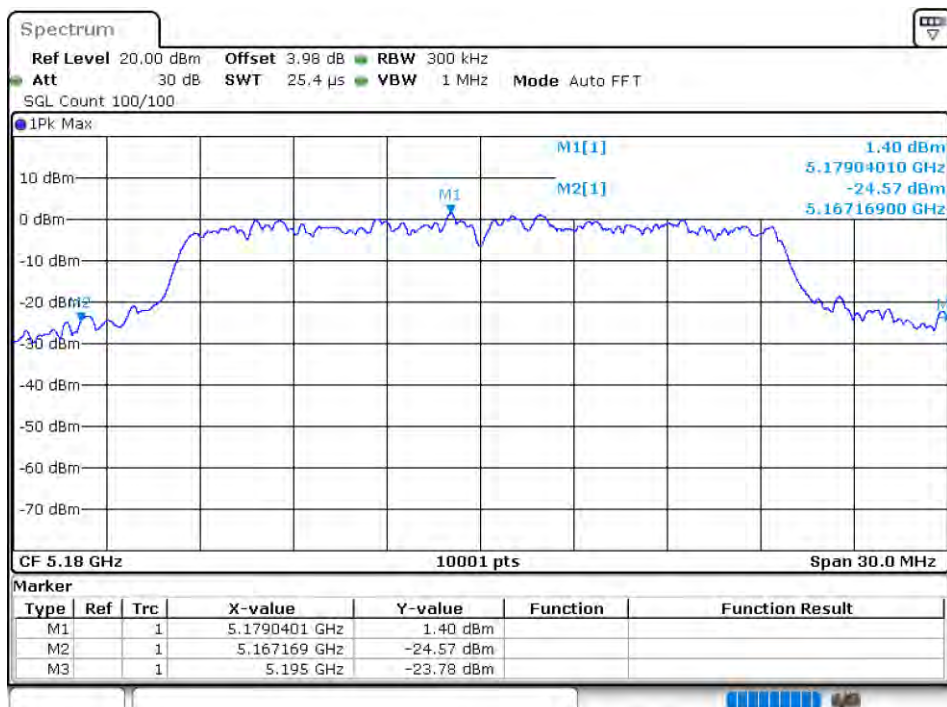


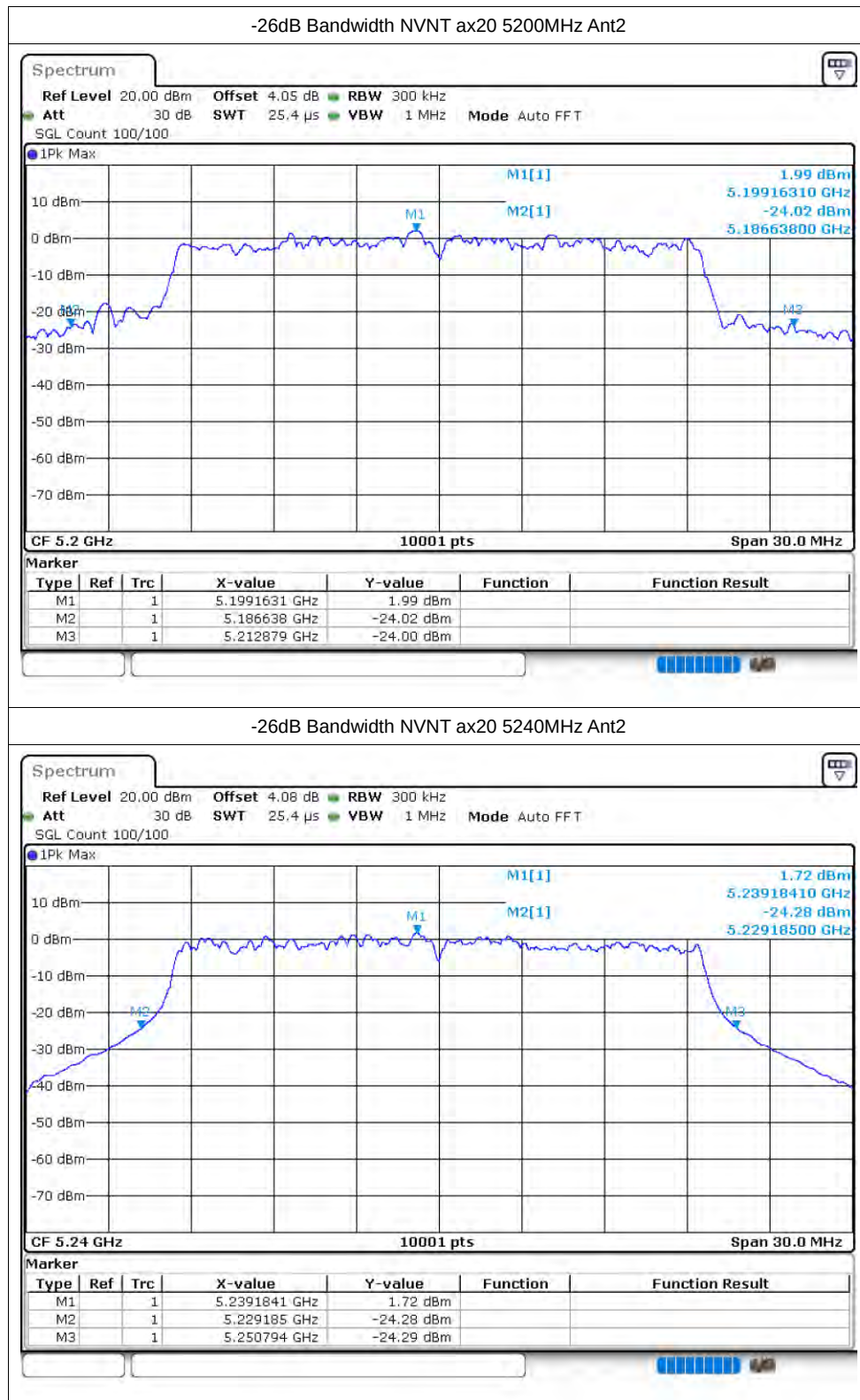


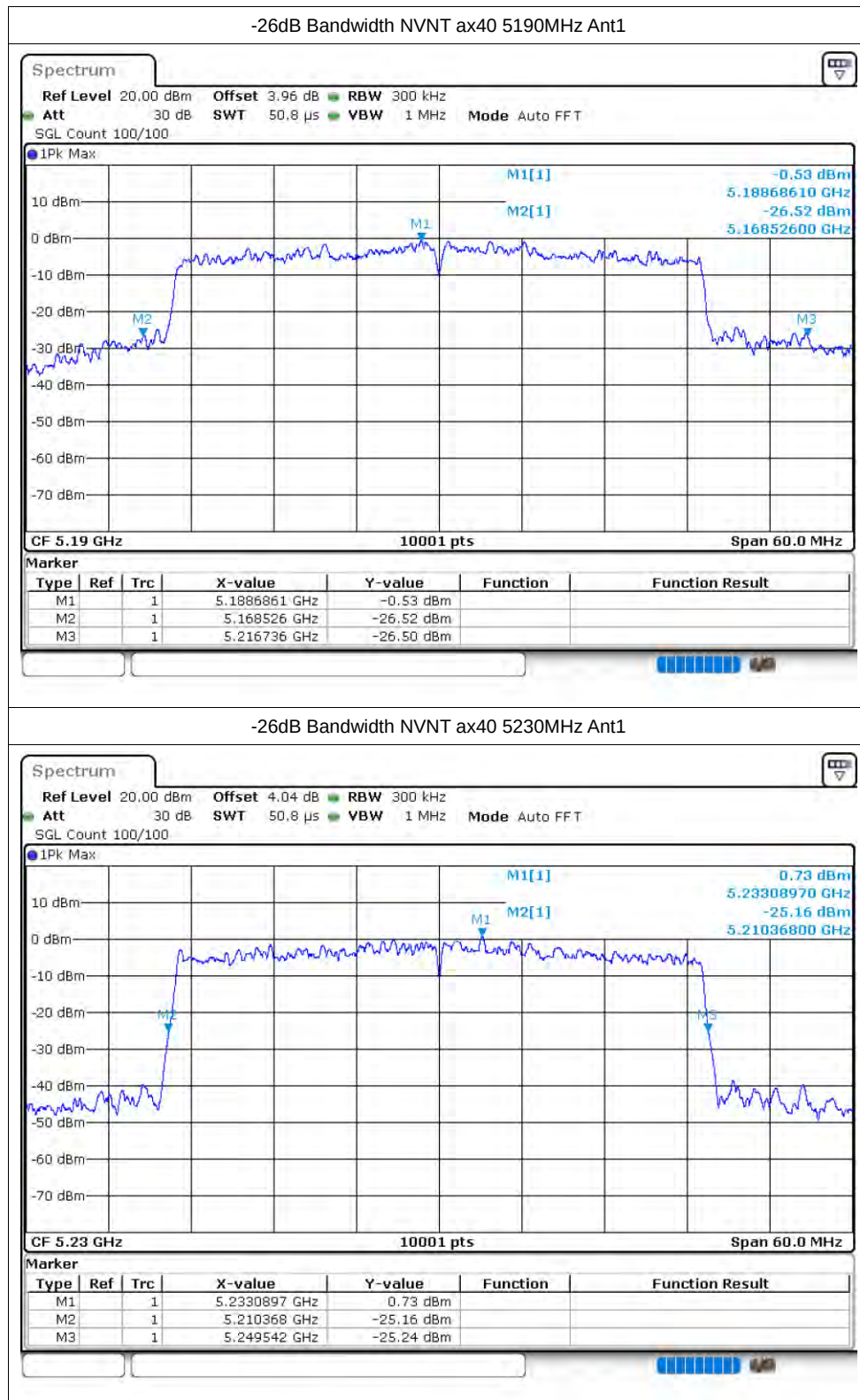
-26dB Bandwidth NVNT ax20 5240MHz Ant1

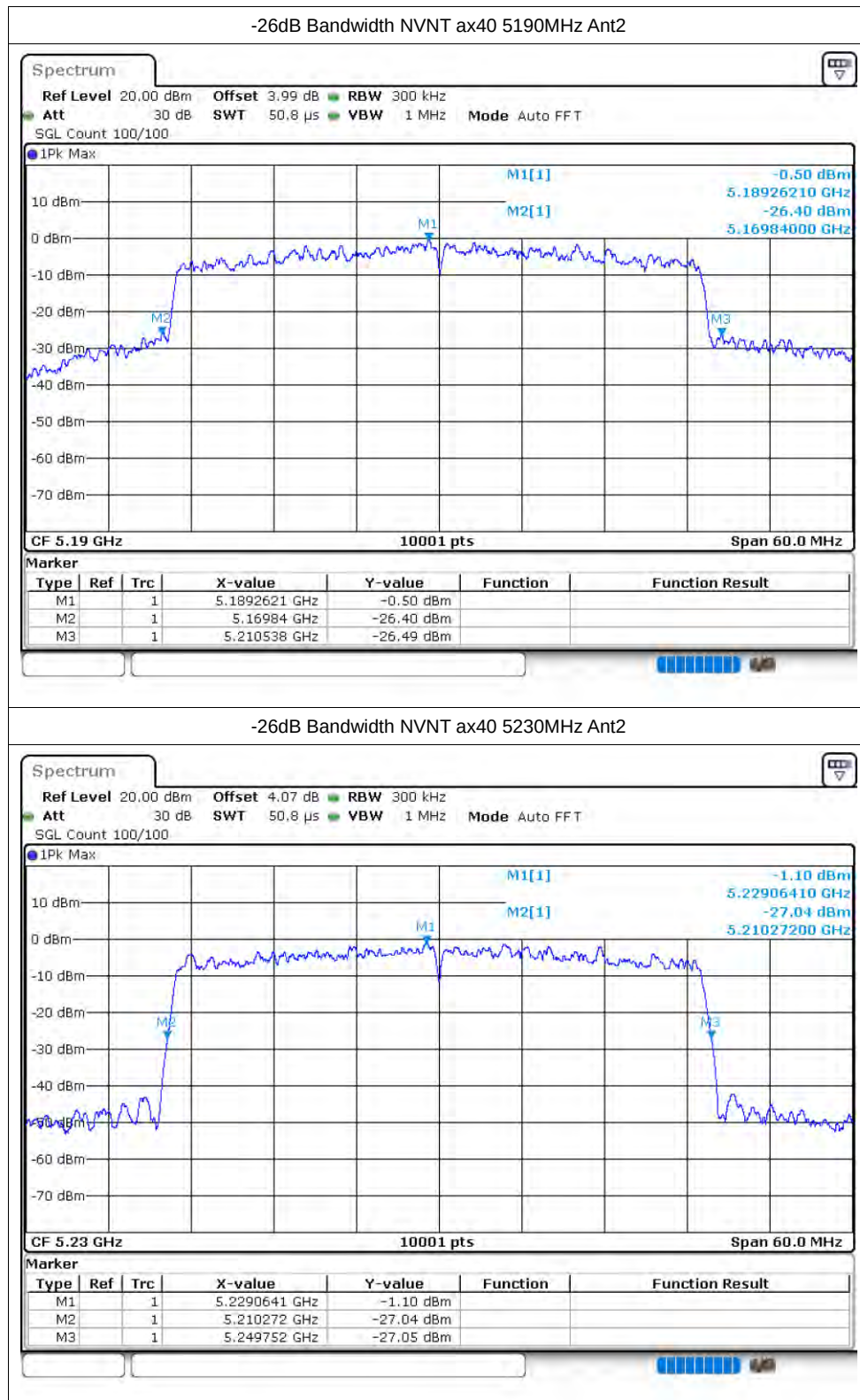


-26dB Bandwidth NVNT ax20 5180MHz Ant2

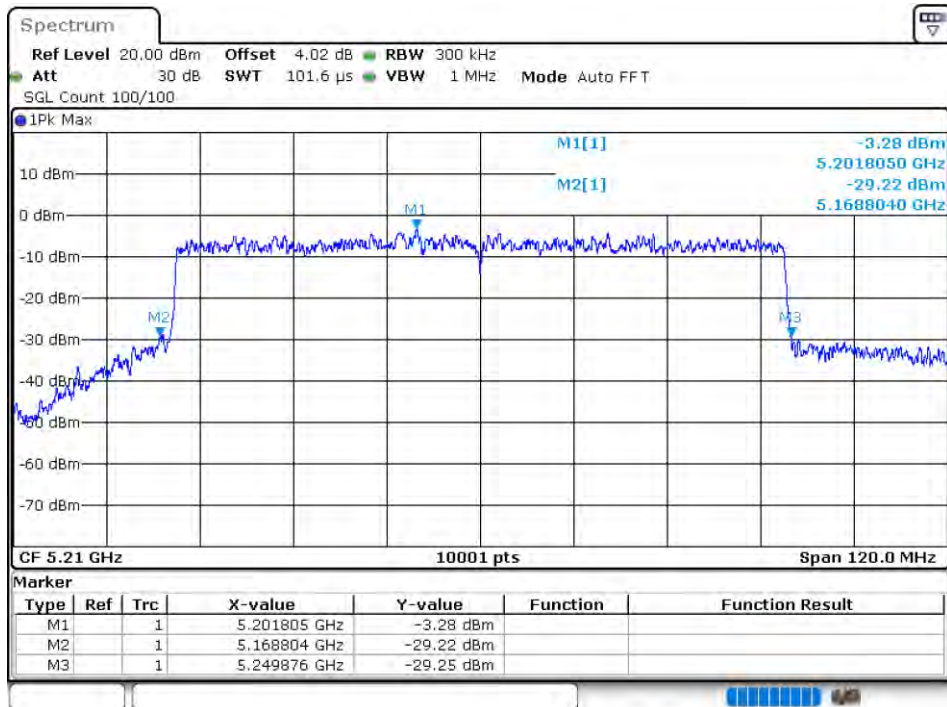




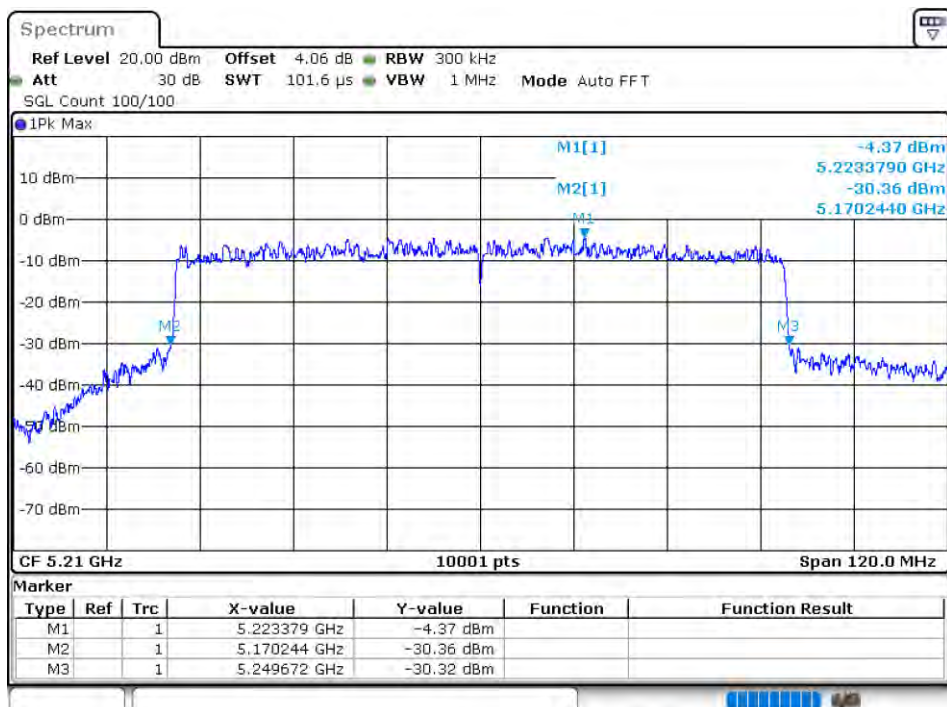




-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant2

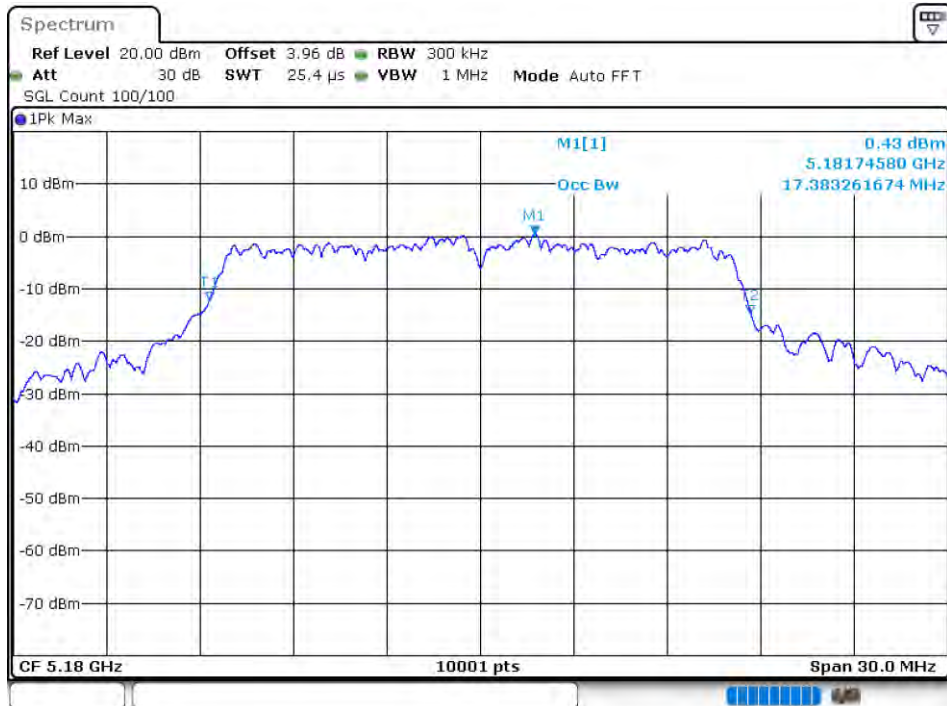


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.383
NVNT	a	5200	Ant1	17.044
NVNT	a	5240	Ant1	16.579
NVNT	a	5180	Ant2	17.605
NVNT	a	5200	Ant2	17.305
NVNT	a	5240	Ant2	17.029
NVNT	n20	5180	Ant1	18.058
NVNT	n20	5200	Ant1	18.178
NVNT	n20	5240	Ant1	17.728
NVNT	n20	5180	Ant2	18.157
NVNT	n20	5200	Ant2	18.115
NVNT	n20	5240	Ant2	17.977
NVNT	n40	5190	Ant1	36.158
NVNT	n40	5230	Ant1	36.092
NVNT	n40	5190	Ant2	36.044
NVNT	n40	5230	Ant2	35.99
NVNT	ac20	5180	Ant1	18.334
NVNT	ac20	5200	Ant1	18.181
NVNT	ac20	5240	Ant1	18.079
NVNT	ac20	5180	Ant2	18.172
NVNT	ac20	5200	Ant2	18.316
NVNT	ac20	5240	Ant2	18.025
NVNT	ac40	5190	Ant1	36.074
NVNT	ac40	5230	Ant1	36.098
NVNT	ac40	5190	Ant2	35.996
NVNT	ac40	5230	Ant2	35.99
NVNT	ac80	5210	Ant1	75.856
NVNT	ac80	5210	Ant2	75.628
NVNT	ax20	5180	Ant1	19.177
NVNT	ax20	5200	Ant1	19.171
NVNT	ax20	5240	Ant1	19.141
NVNT	ax20	5180	Ant2	19.111
NVNT	ax20	5200	Ant2	19.195
NVNT	ax20	5240	Ant2	19.009
NVNT	ax40	5190	Ant1	37.664
NVNT	ax40	5230	Ant1	37.37
NVNT	ax40	5190	Ant2	37.556
NVNT	ax40	5230	Ant2	37.64
NVNT	ax80	5210	Ant1	77.632
NVNT	ax80	5210	Ant2	77.02

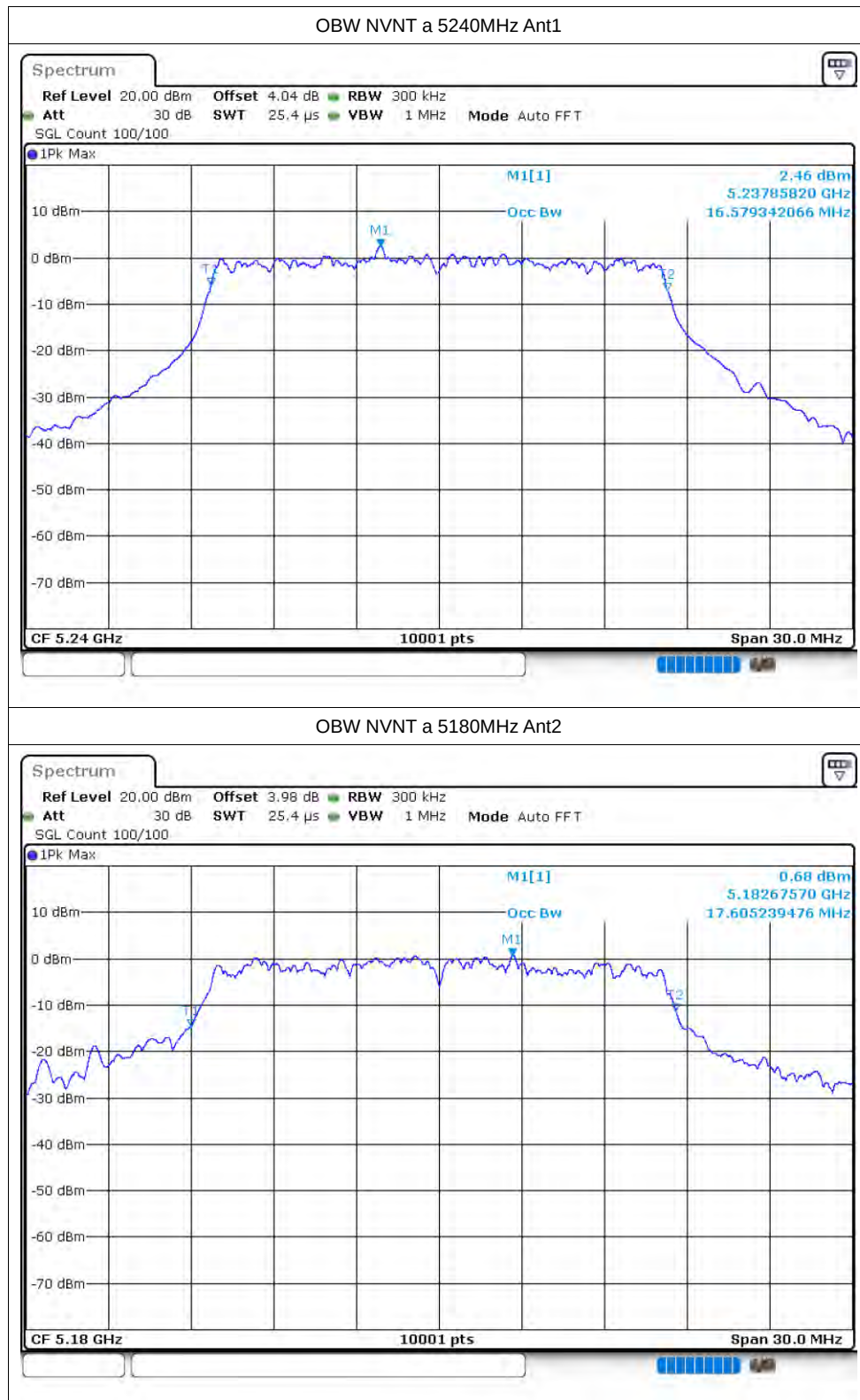
Test Graphs

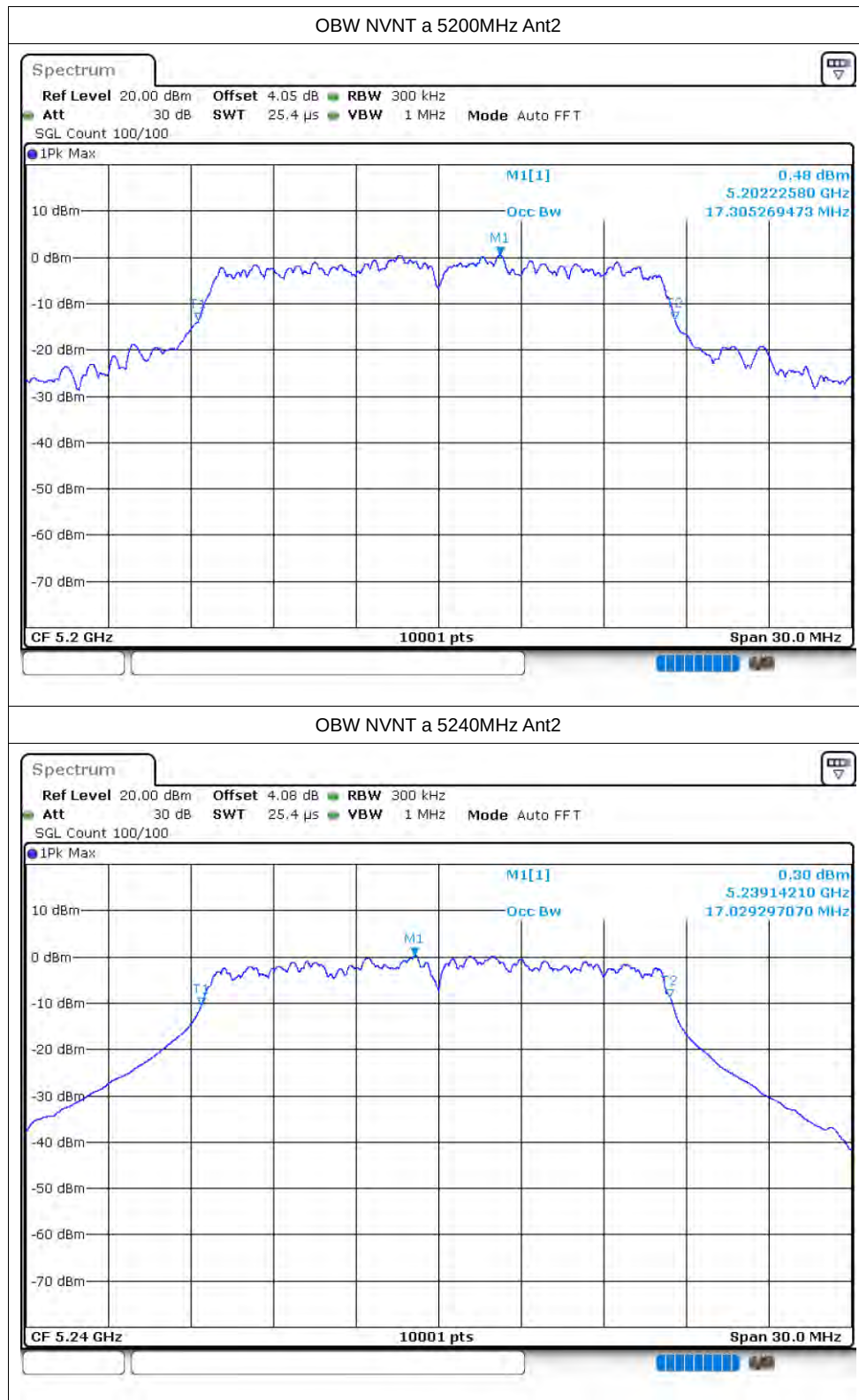
OBW NVNT a 5180MHz Ant1

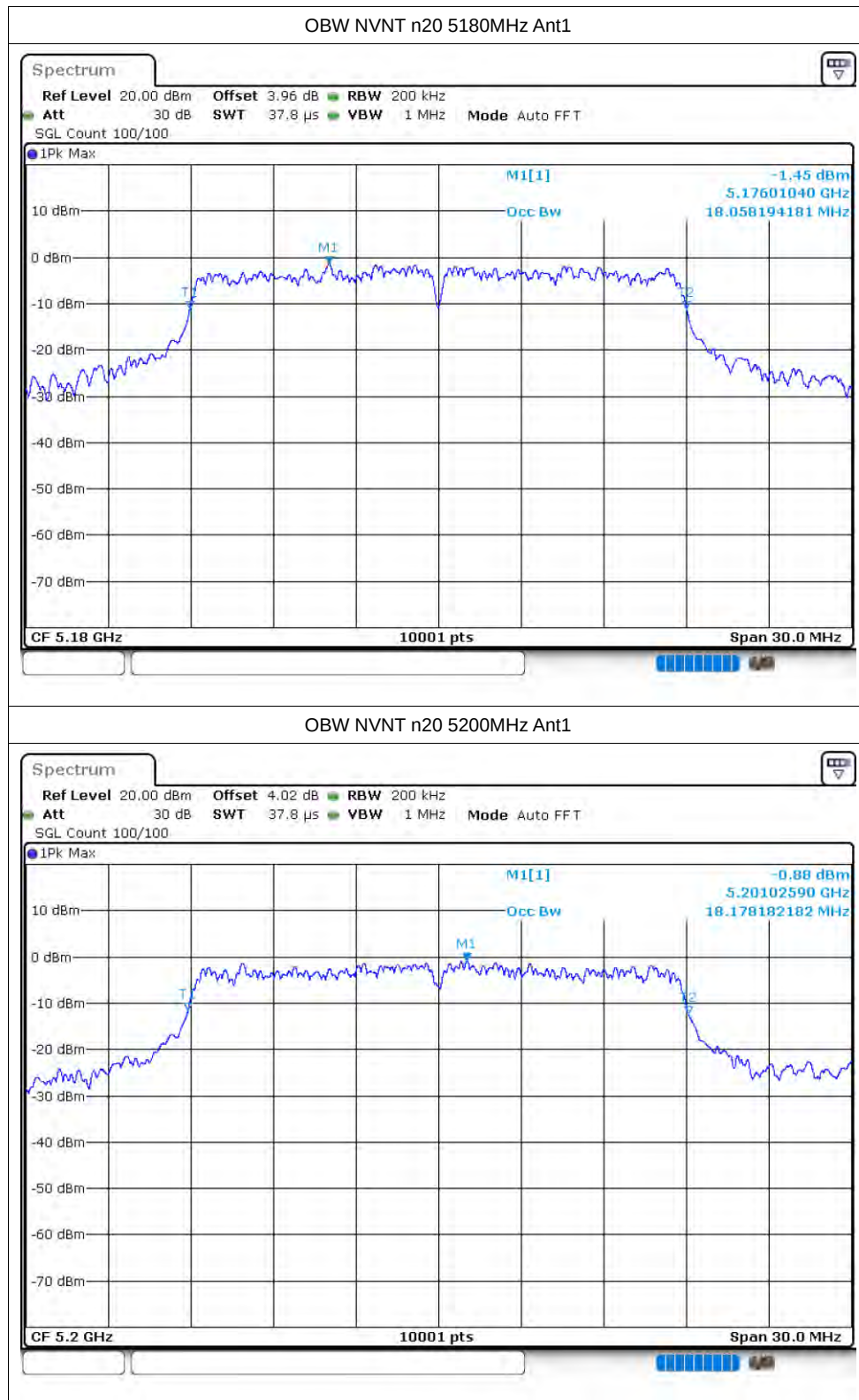


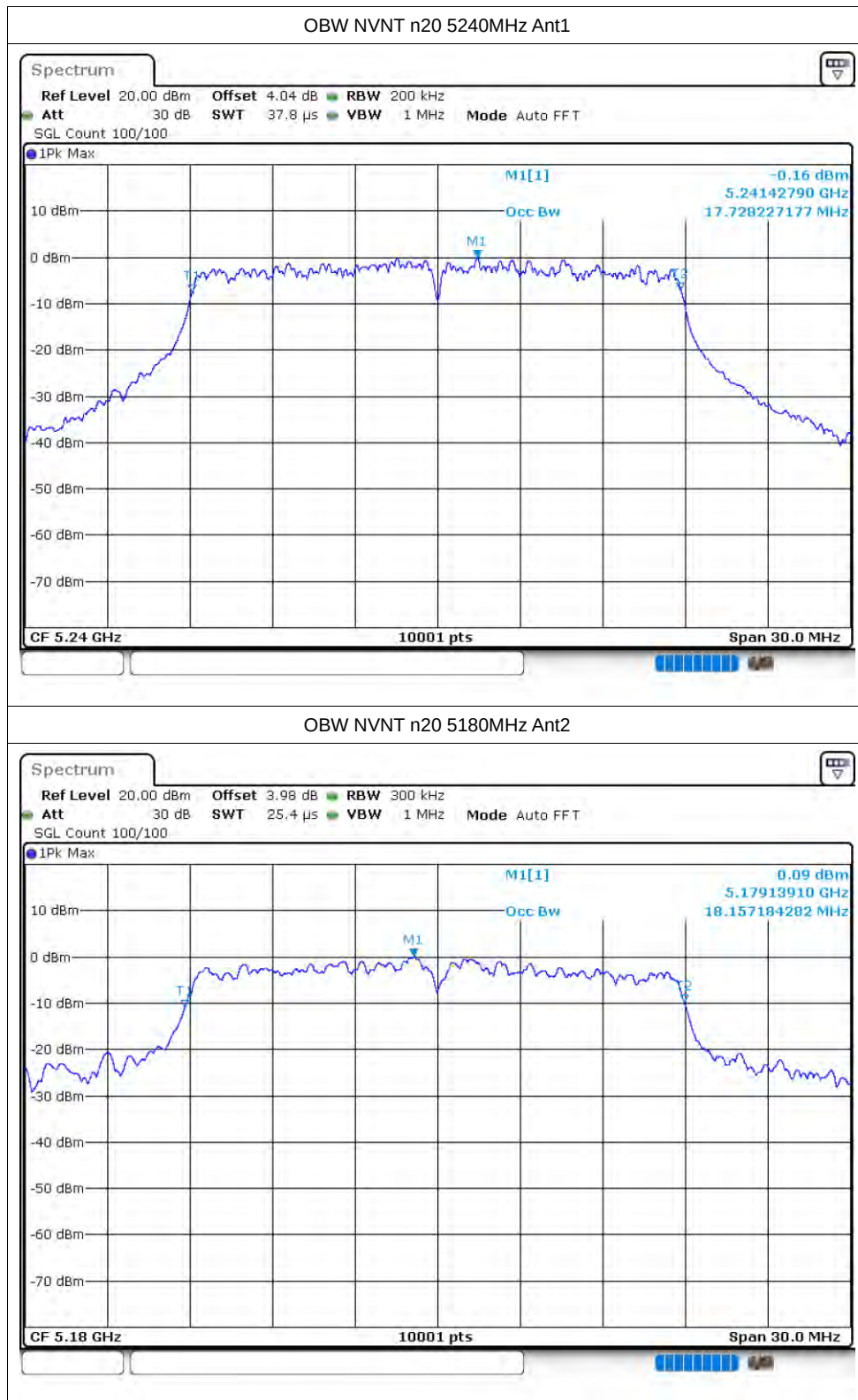
OBW NVNT a 5200MHz Ant1

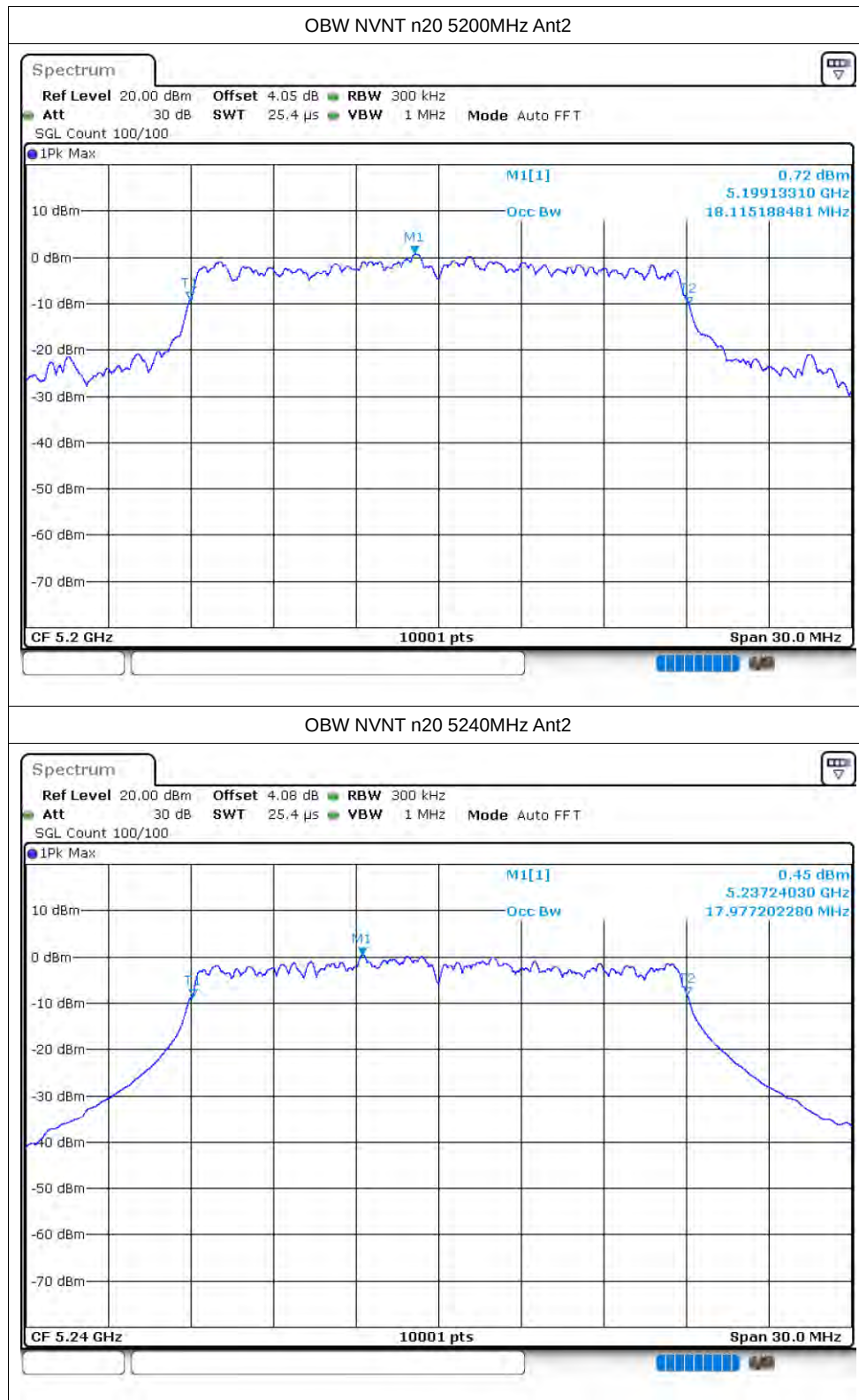


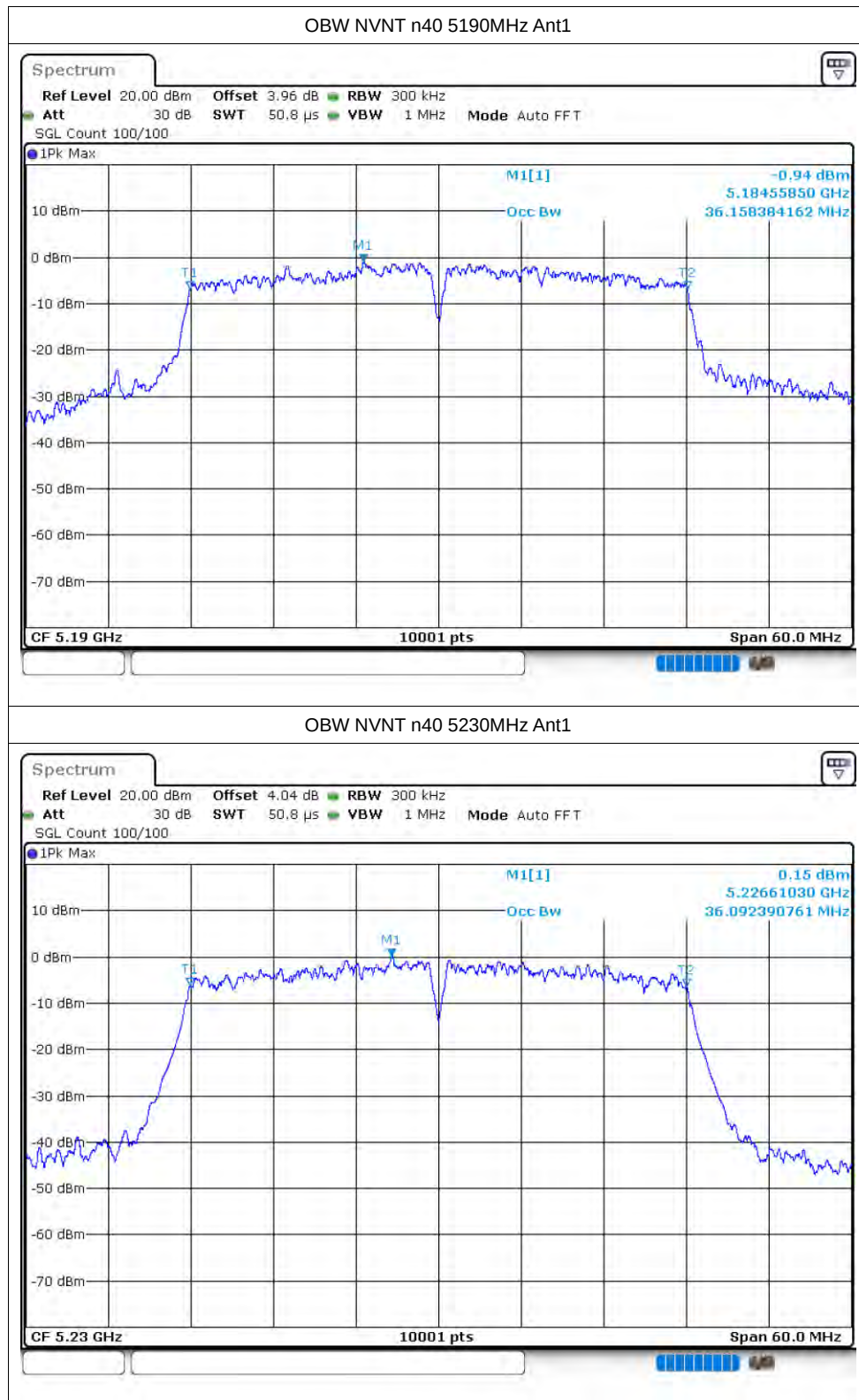


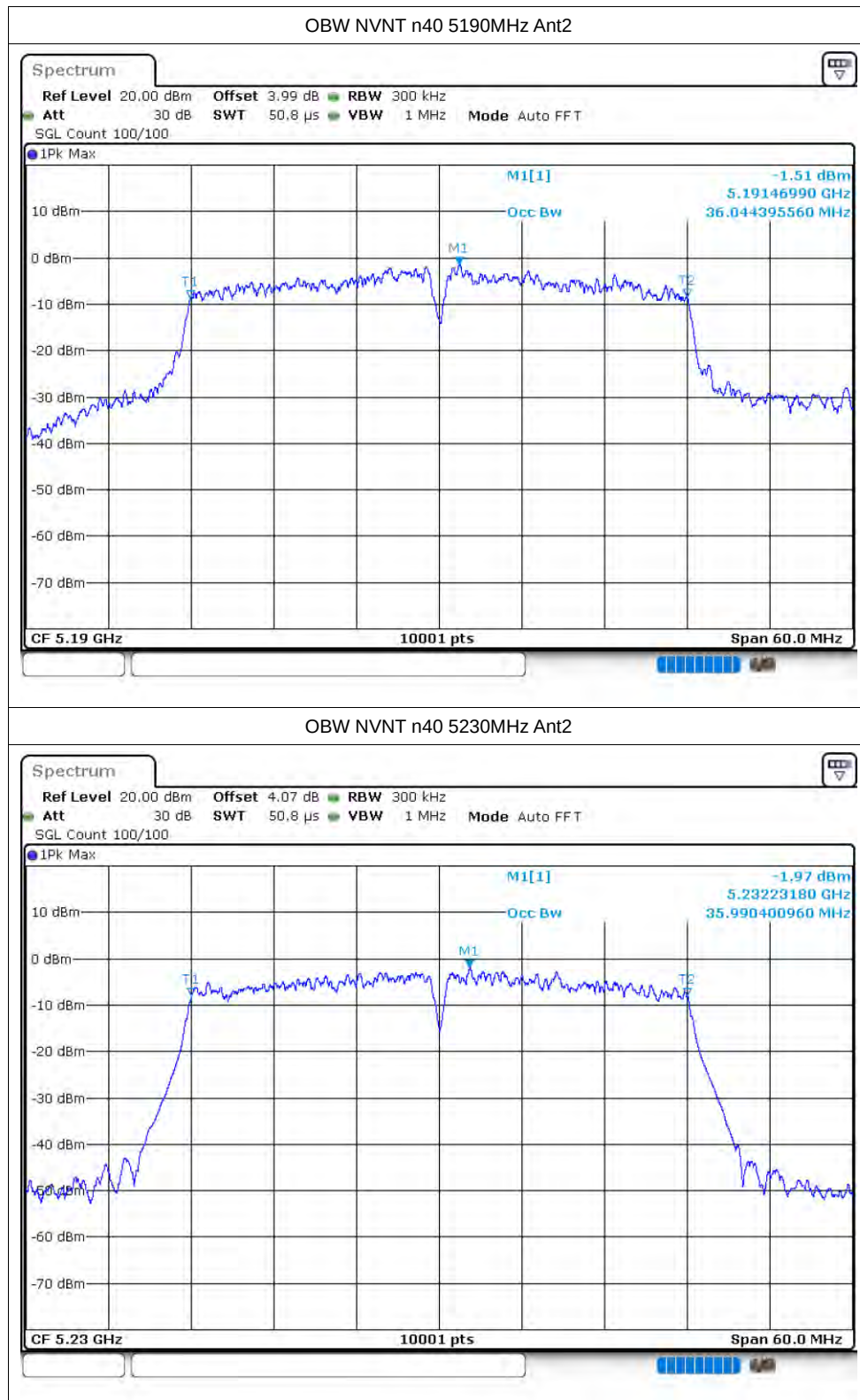


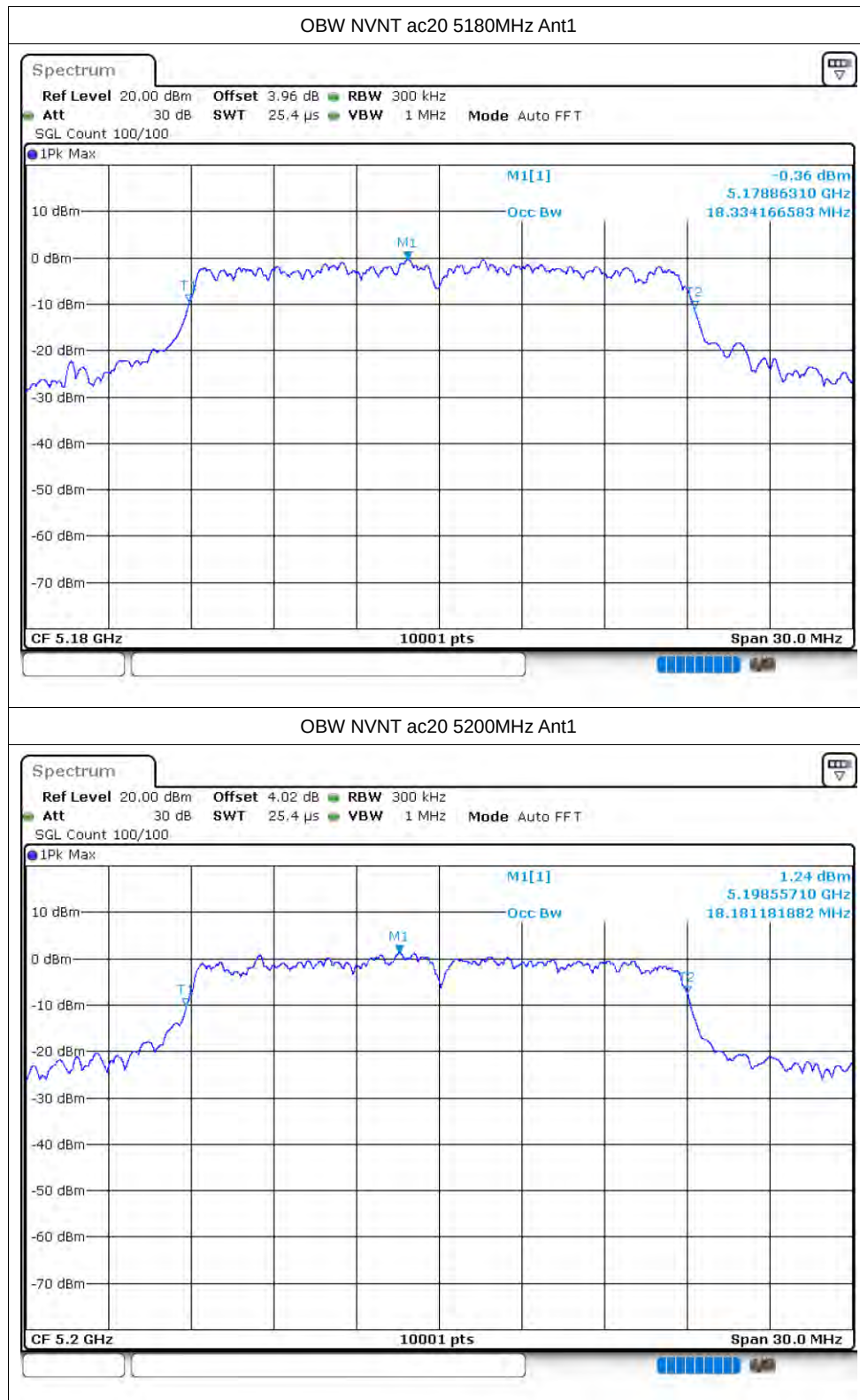


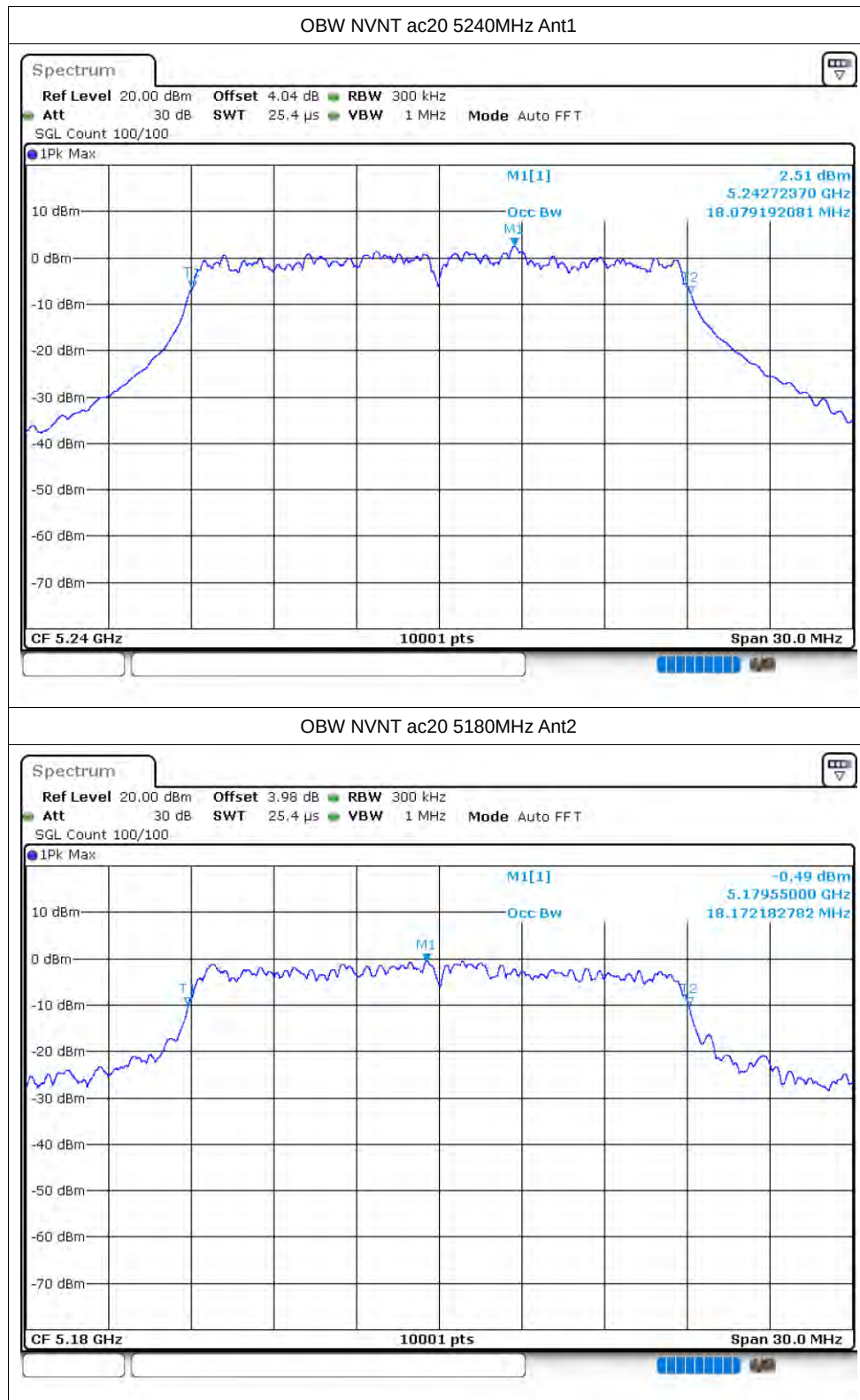


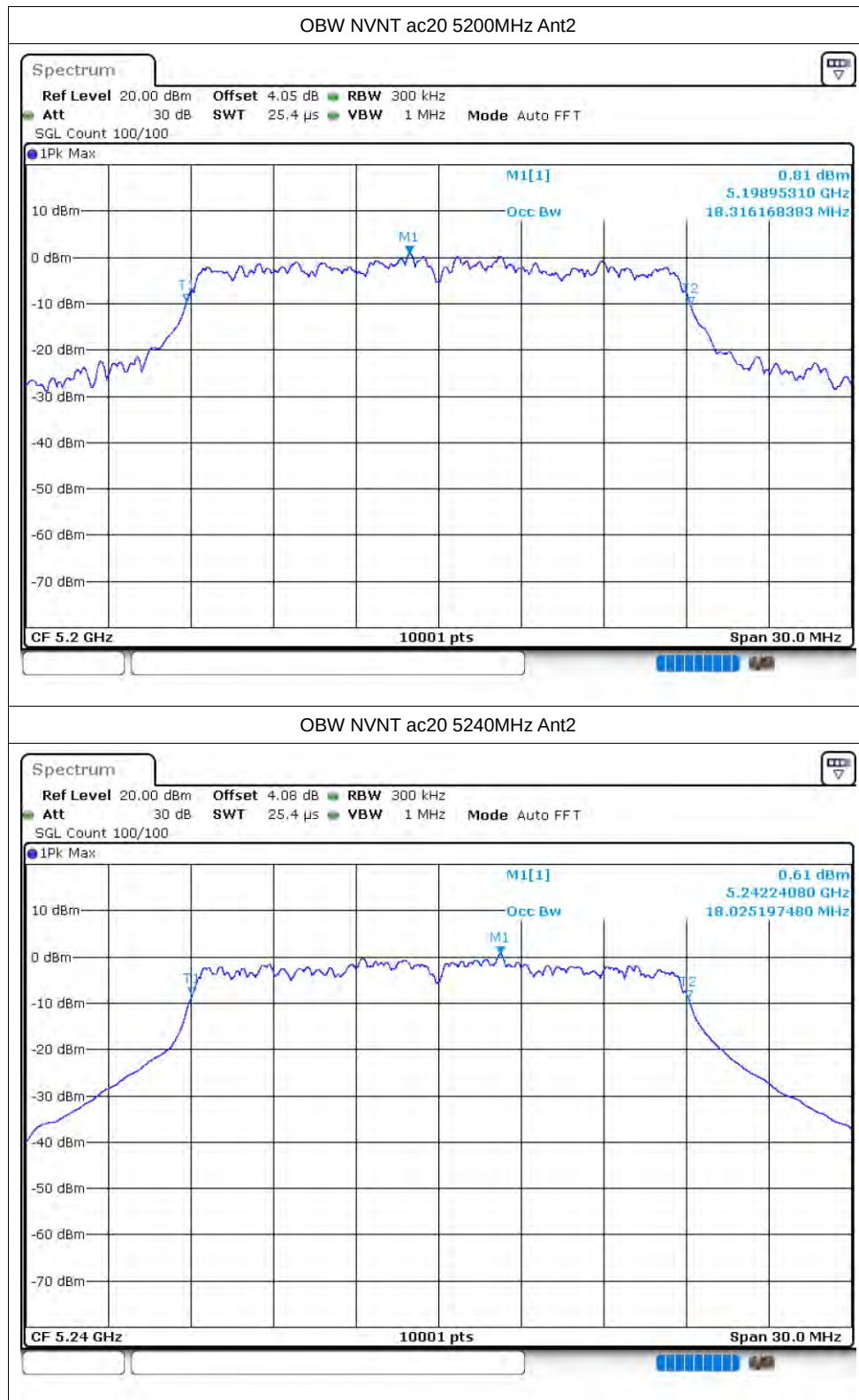


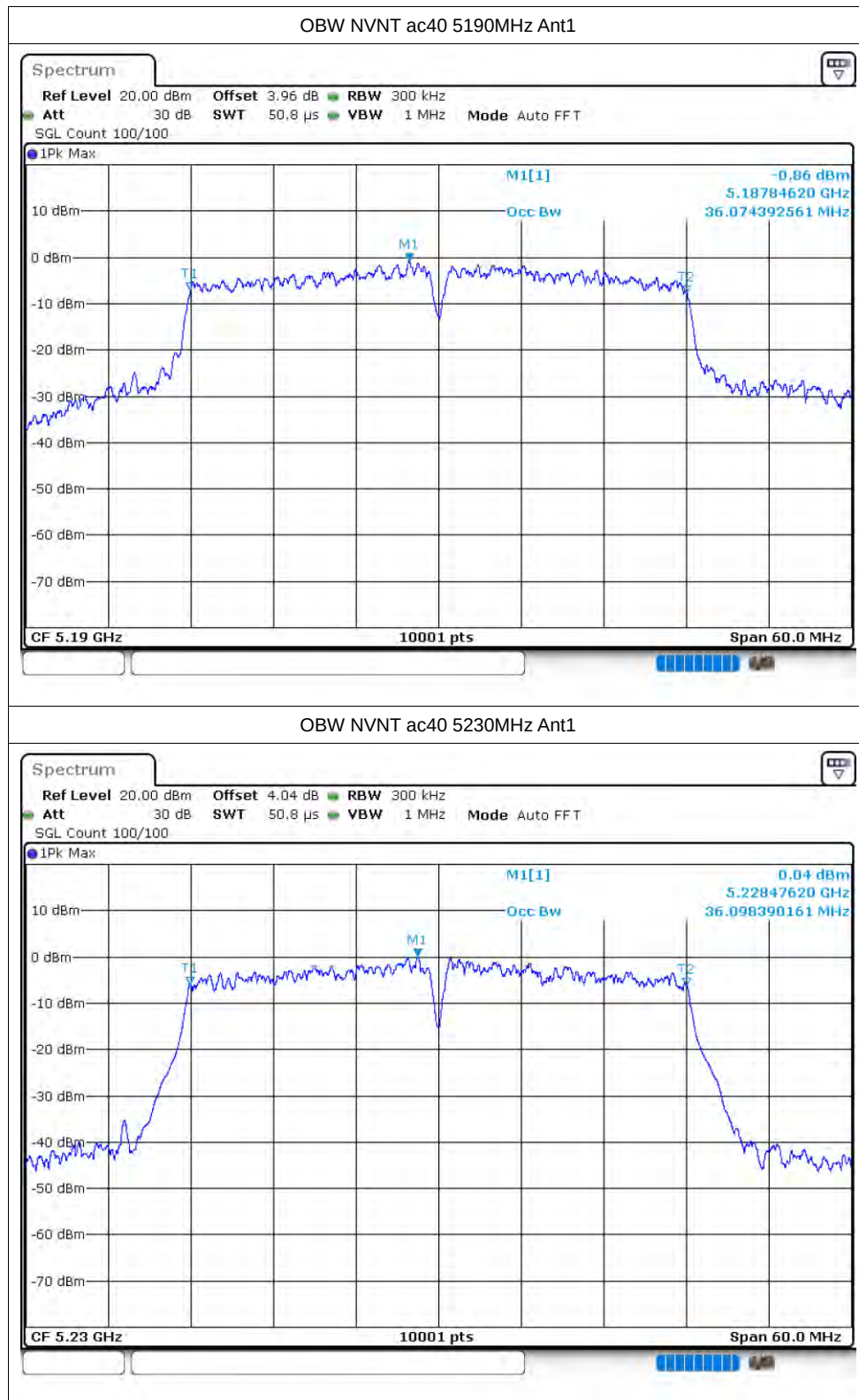


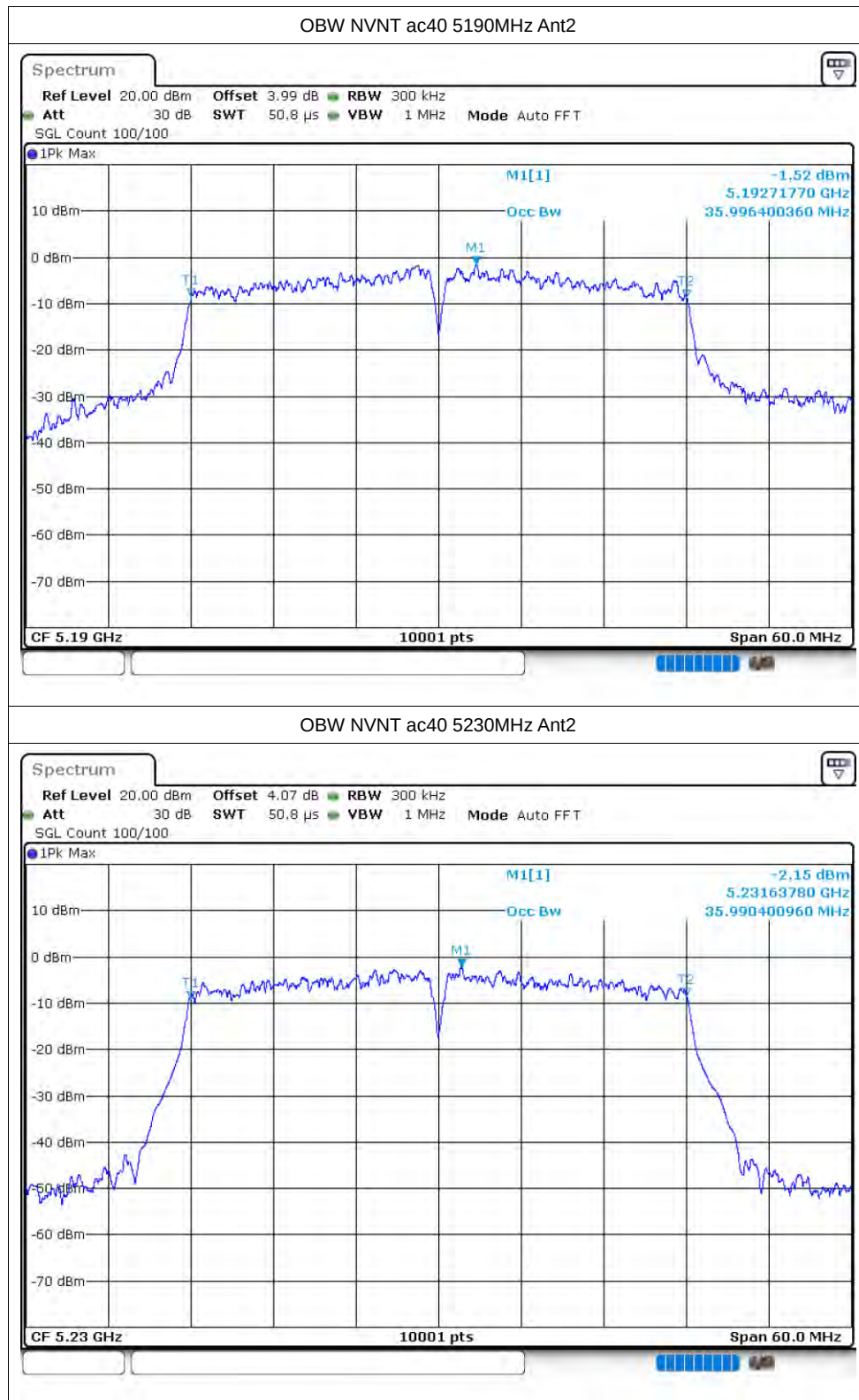


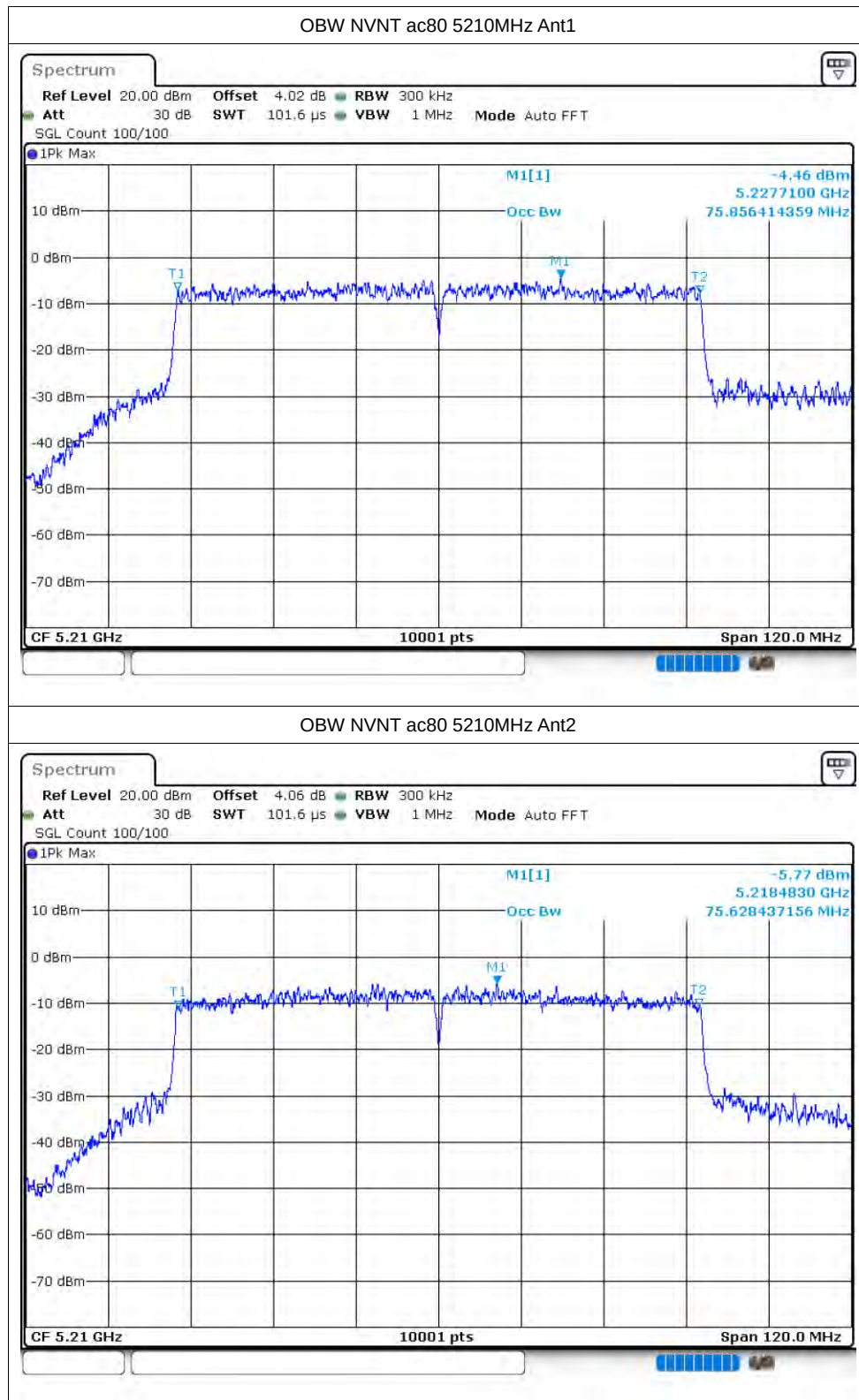


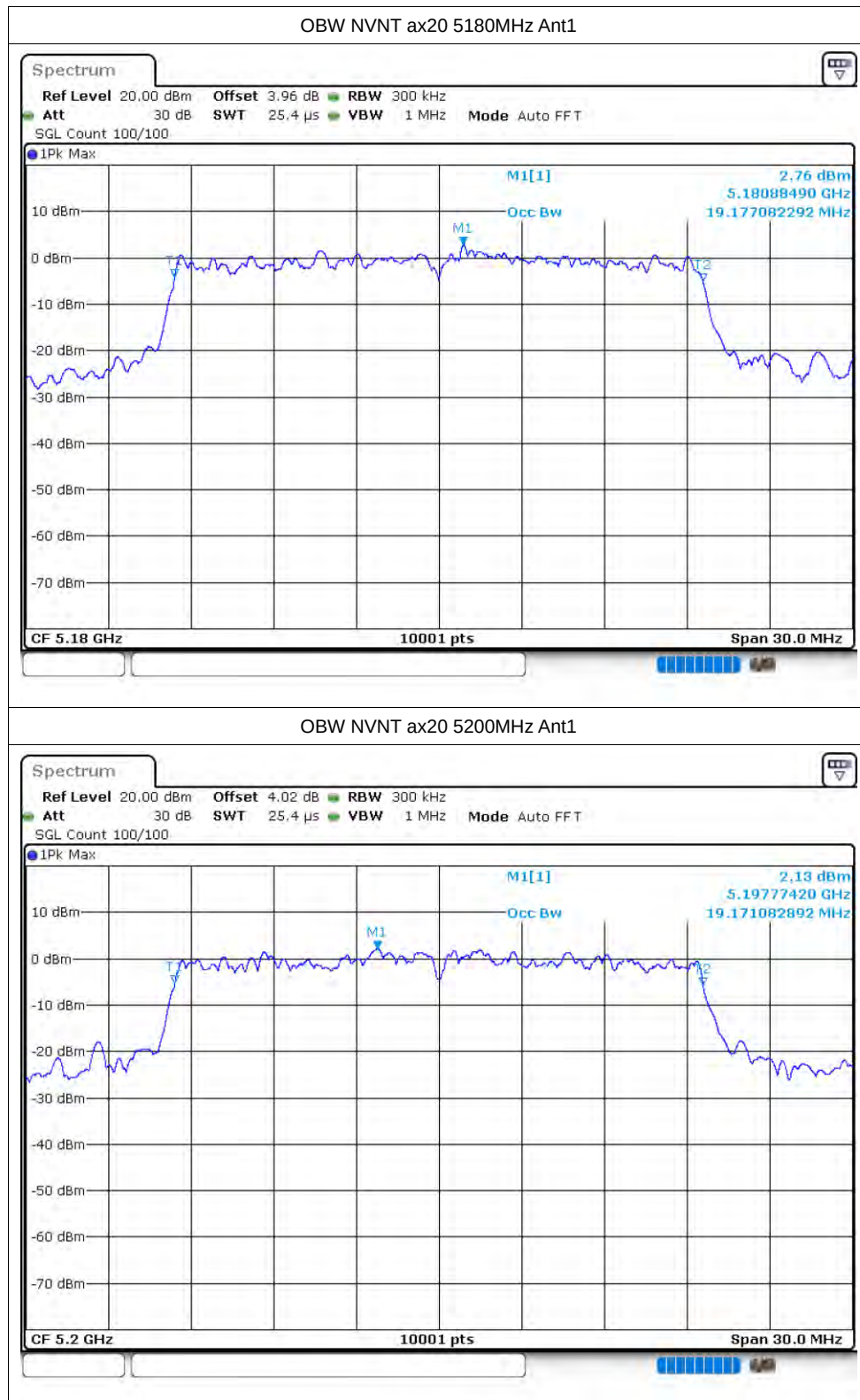


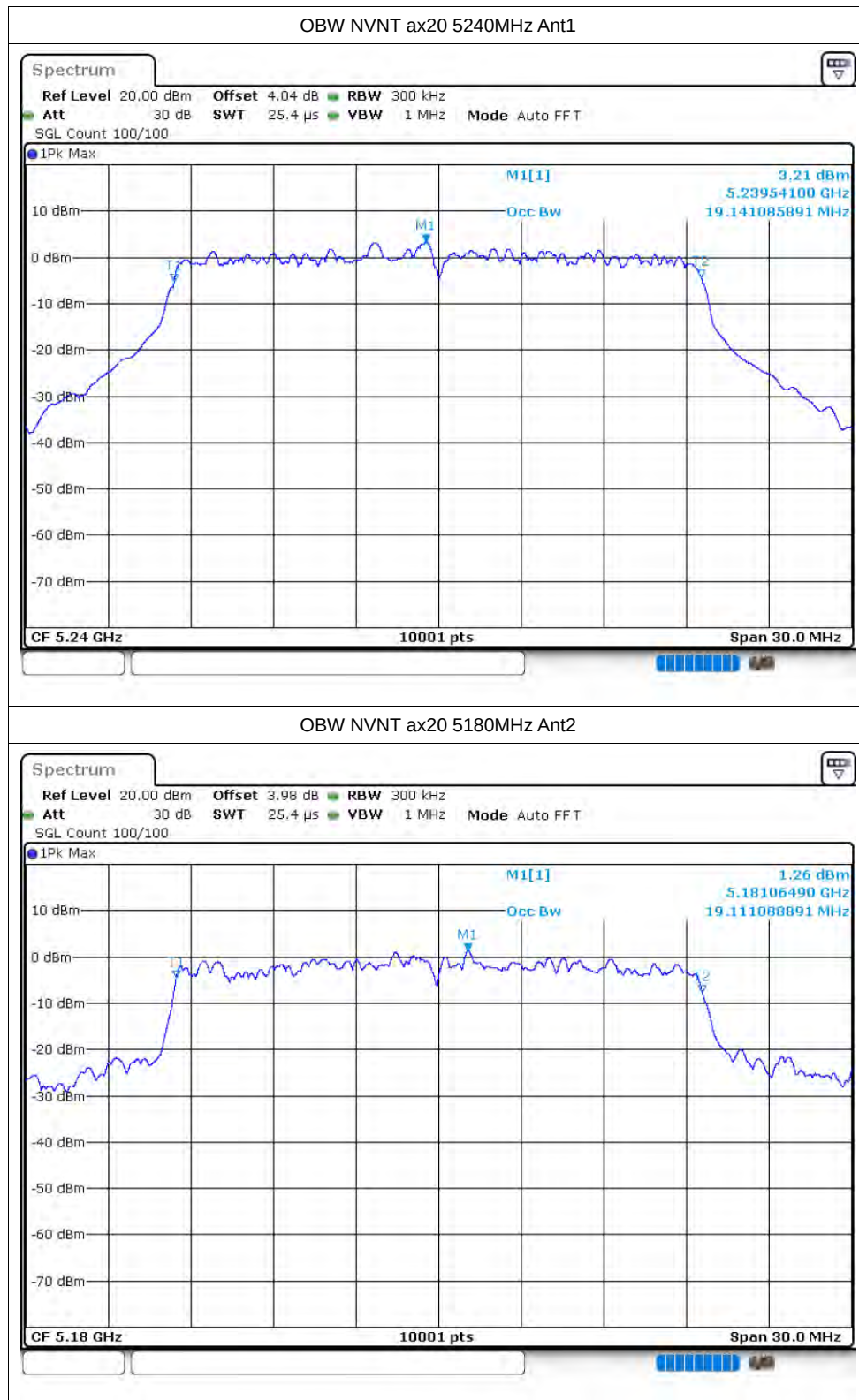


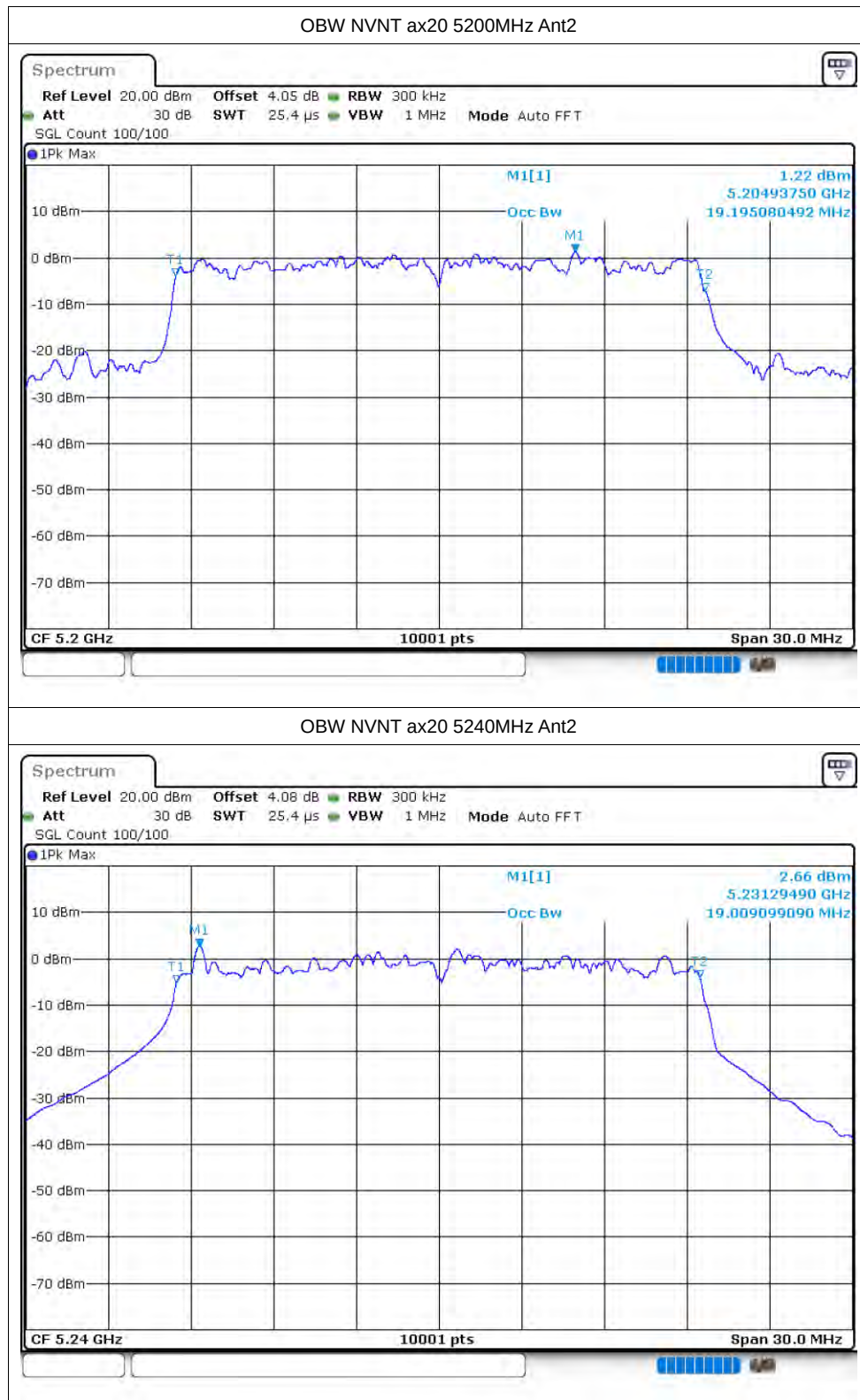


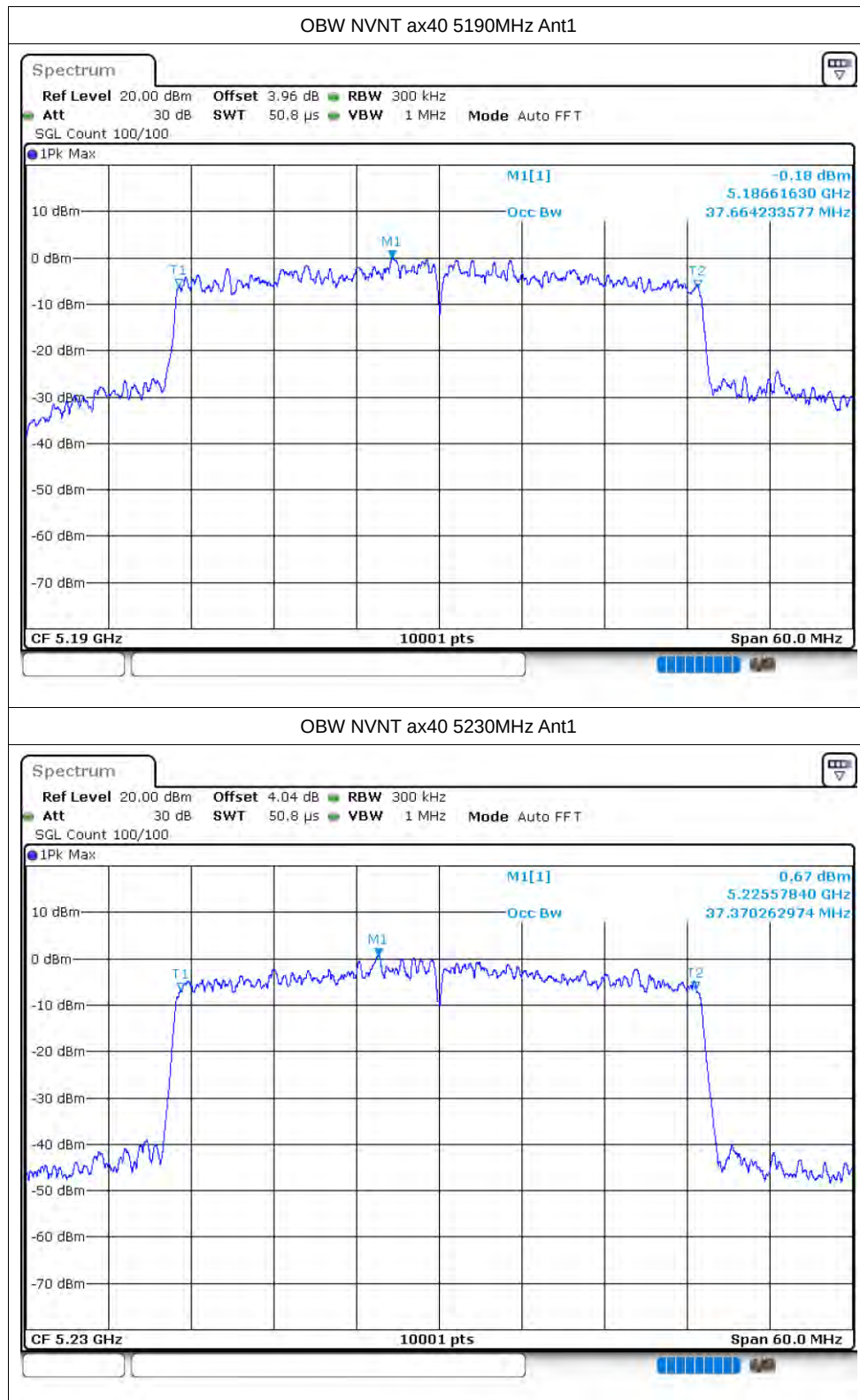


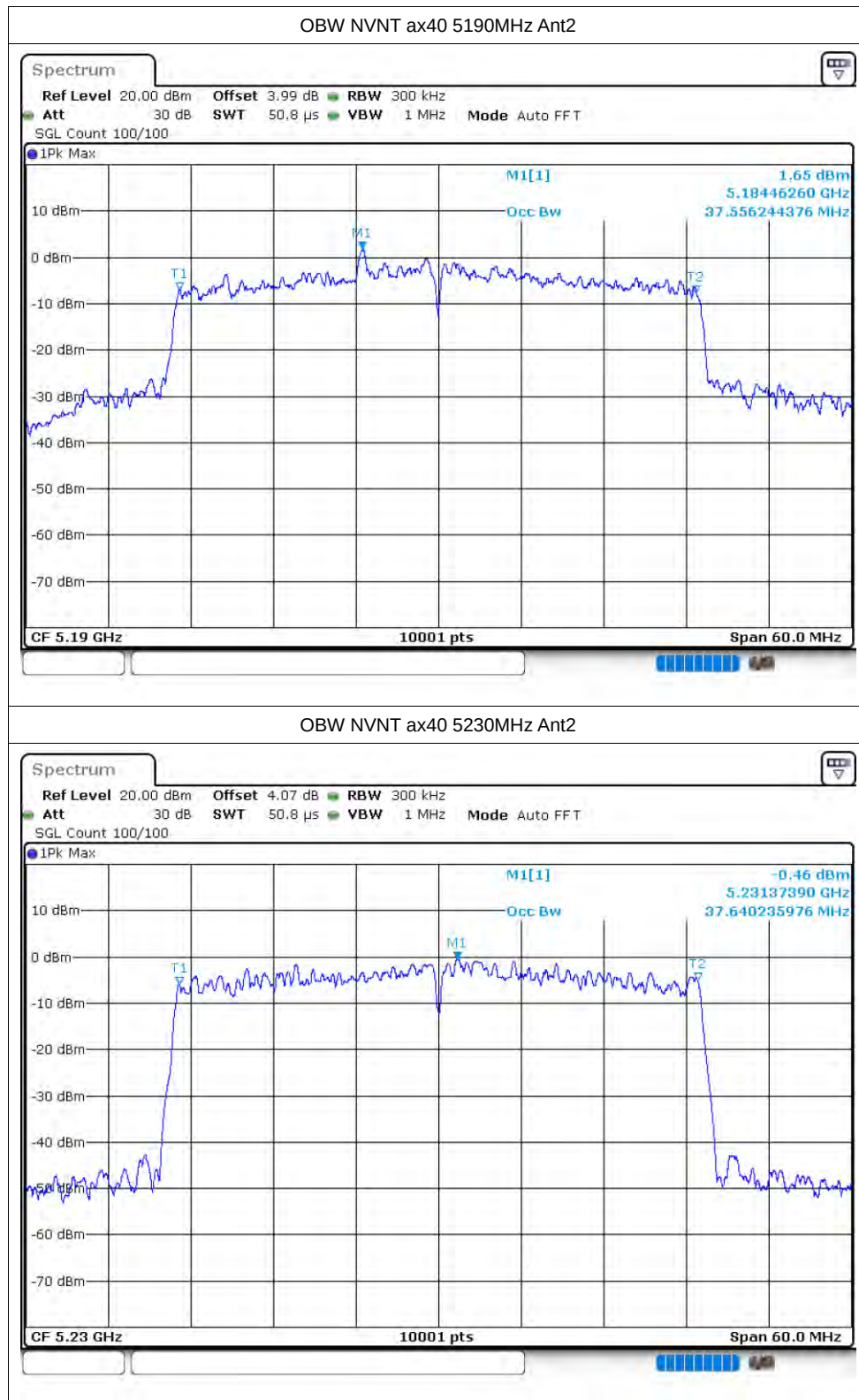


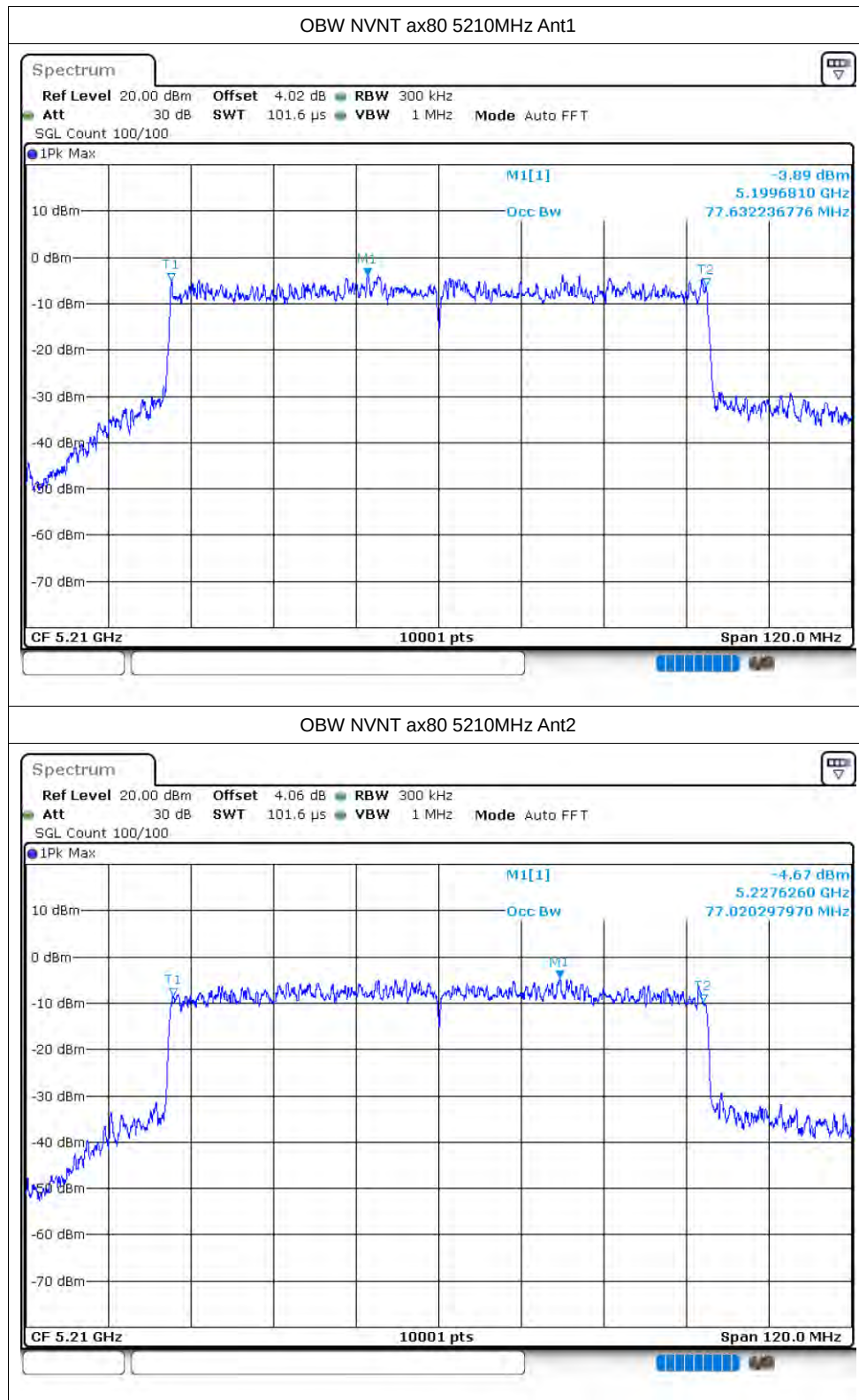










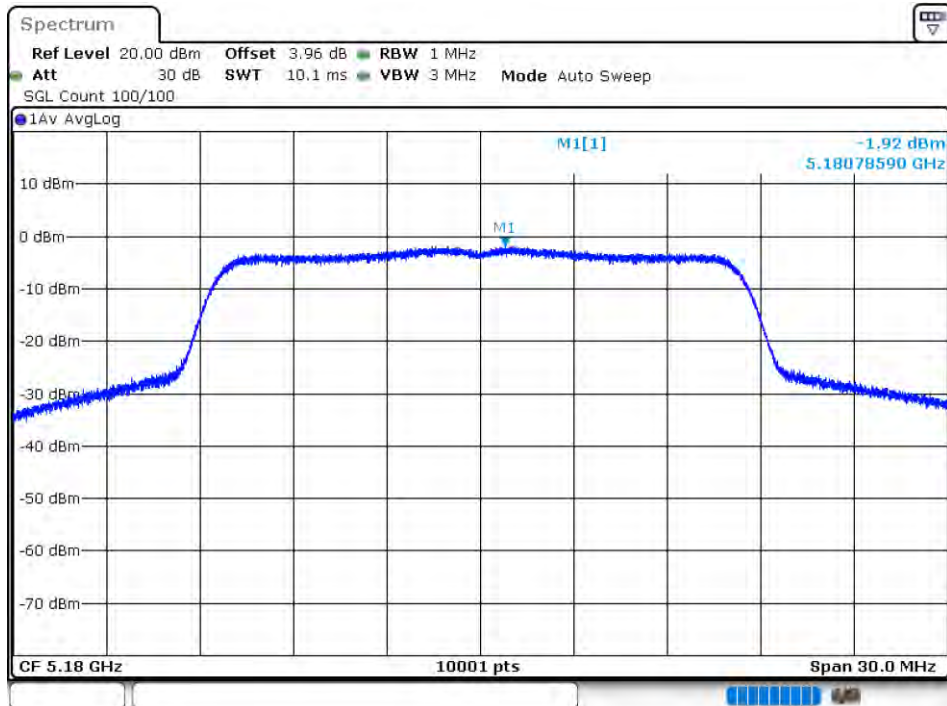


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.92	0	-1.92	11	Pass
NVNT	a	5200	Ant1	-0.64	0	-0.64	11	Pass
NVNT	a	5240	Ant1	-0.37	0	-0.37	11	Pass
NVNT	a	5180	Ant2	-1.18	0	-1.18	11	Pass
NVNT	a	5200	Ant2	-2.08	0	-2.08	11	Pass
NVNT	a	5240	Ant2	-1.97	0	-1.97	11	Pass
NVNT	n20	5180	Ant1	-1.49	0	-1.49	11	Pass
NVNT	n20	5200	Ant1	-1.1	0	-1.1	11	Pass
NVNT	n20	5240	Ant1	-0.62	0	-0.62	11	Pass
NVNT	n20	5180	Ant2	-2.64	0	-2.64	11	Pass
NVNT	n20	5200	Ant2	-2.19	0	-2.19	11	Pass
NVNT	n20	5240	Ant2	-1.95	0	-1.95	11	Pass
NVNT	n40	5190	Ant1	-3.4	0	-3.4	11	Pass
NVNT	n40	5230	Ant1	-2.73	0	-2.73	11	Pass
NVNT	n40	5190	Ant2	-4.37	0	-4.37	11	Pass
NVNT	n40	5230	Ant2	-4.37	0	-4.37	11	Pass
NVNT	ac20	5180	Ant1	-2.52	0	-2.52	11	Pass
NVNT	ac20	5200	Ant1	-0.82	0	-0.82	11	Pass
NVNT	ac20	5240	Ant1	-0.59	0	-0.59	11	Pass
NVNT	ac20	5180	Ant2	-2.53	0	-2.53	11	Pass
NVNT	ac20	5200	Ant2	-1.99	0	-1.99	11	Pass
NVNT	ac20	5240	Ant2	-2.4	0	-2.4	11	Pass
NVNT	ac40	5190	Ant1	-3.48	0	-3.48	11	Pass
NVNT	ac40	5230	Ant1	-2.78	0	-2.78	11	Pass
NVNT	ac40	5190	Ant2	-4.08	0	-4.08	11	Pass
NVNT	ac40	5230	Ant2	-4.79	0	-4.79	11	Pass
NVNT	ac80	5210	Ant1	-7.84	0	-7.84	11	Pass
NVNT	ac80	5210	Ant2	-9	0	-9	11	Pass
NVNT	ax20	5180	Ant1	-1.66	0	-1.66	11	Pass
NVNT	ax20	5200	Ant1	-1.37	0	-1.37	11	Pass
NVNT	ax20	5240	Ant1	-0.35	0	-0.35	11	Pass
NVNT	ax20	5180	Ant2	-2.84	0	-2.84	11	Pass
NVNT	ax20	5200	Ant2	-2.38	0	-2.38	11	Pass
NVNT	ax20	5240	Ant2	-2.1	0	-2.1	11	Pass
NVNT	ax40	5190	Ant1	-4.27	0	-4.27	11	Pass
NVNT	ax40	5230	Ant1	-3.46	0	-3.46	11	Pass
NVNT	ax40	5190	Ant2	-4.4	0	-4.4	11	Pass
NVNT	ax40	5230	Ant2	-4.31	0	-4.31	11	Pass
NVNT	ax80	5210	Ant1	-8.44	0	-8.44	11	Pass
NVNT	ax80	5210	Ant2	-8.78	0	-8.78	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

