

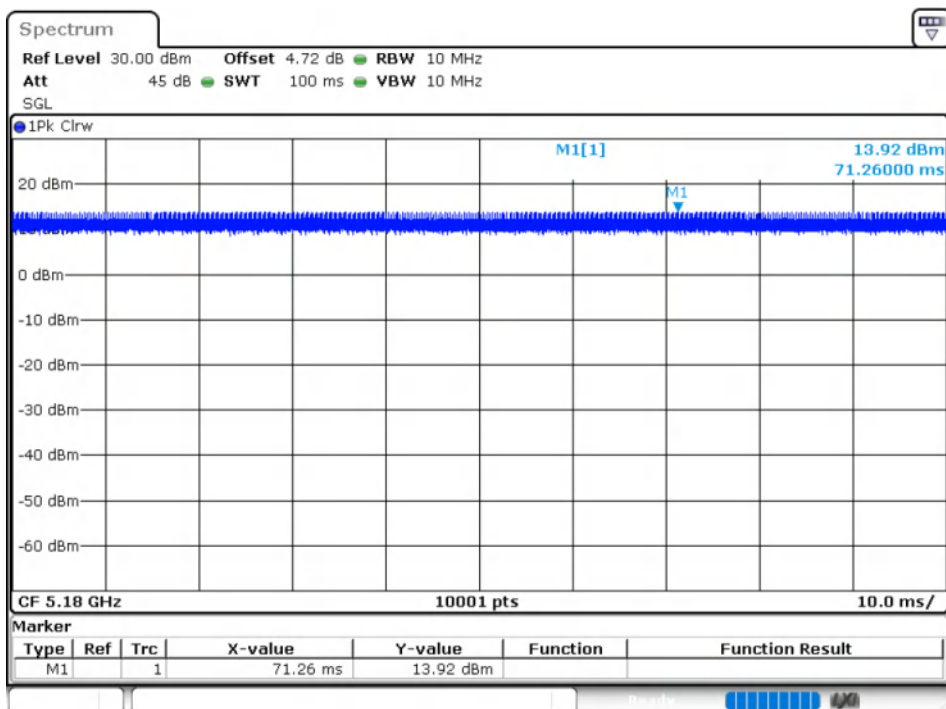
WIFI 5.2G

Duty Cycle

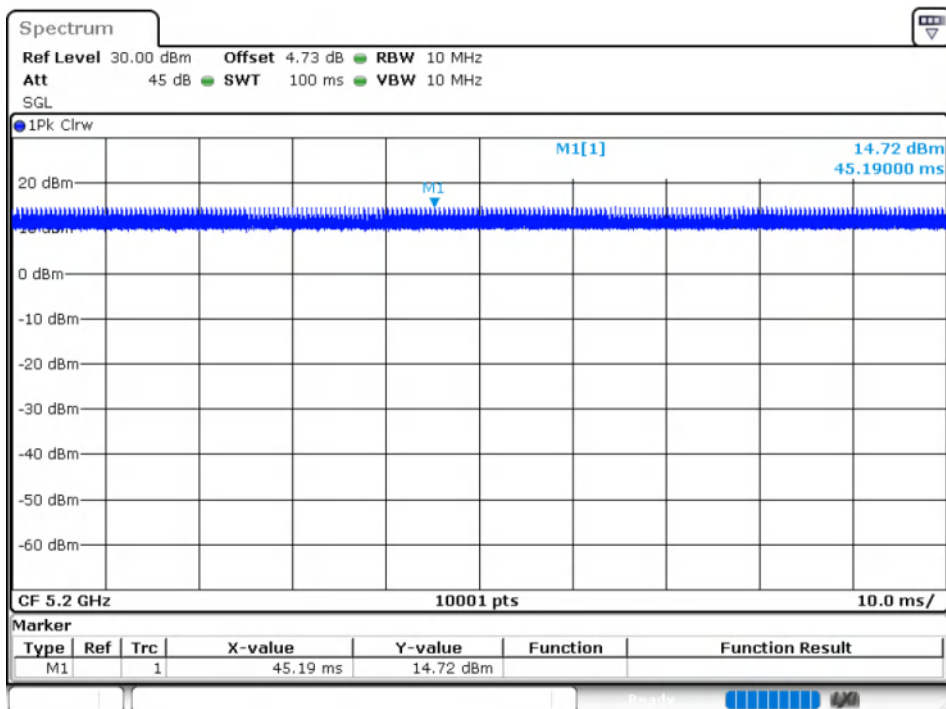
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
NVNT	a	5200	Ant1	100	0	0
NVNT	a	5240	Ant1	100	0	0
NVNT	a	5180	Ant2	100	0	0
NVNT	a	5200	Ant2	100	0	0
NVNT	a	5240	Ant2	100	0	0
NVNT	n20	5180	Ant1	100	0	0
NVNT	n20	5200	Ant1	100	0	0
NVNT	n20	5240	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

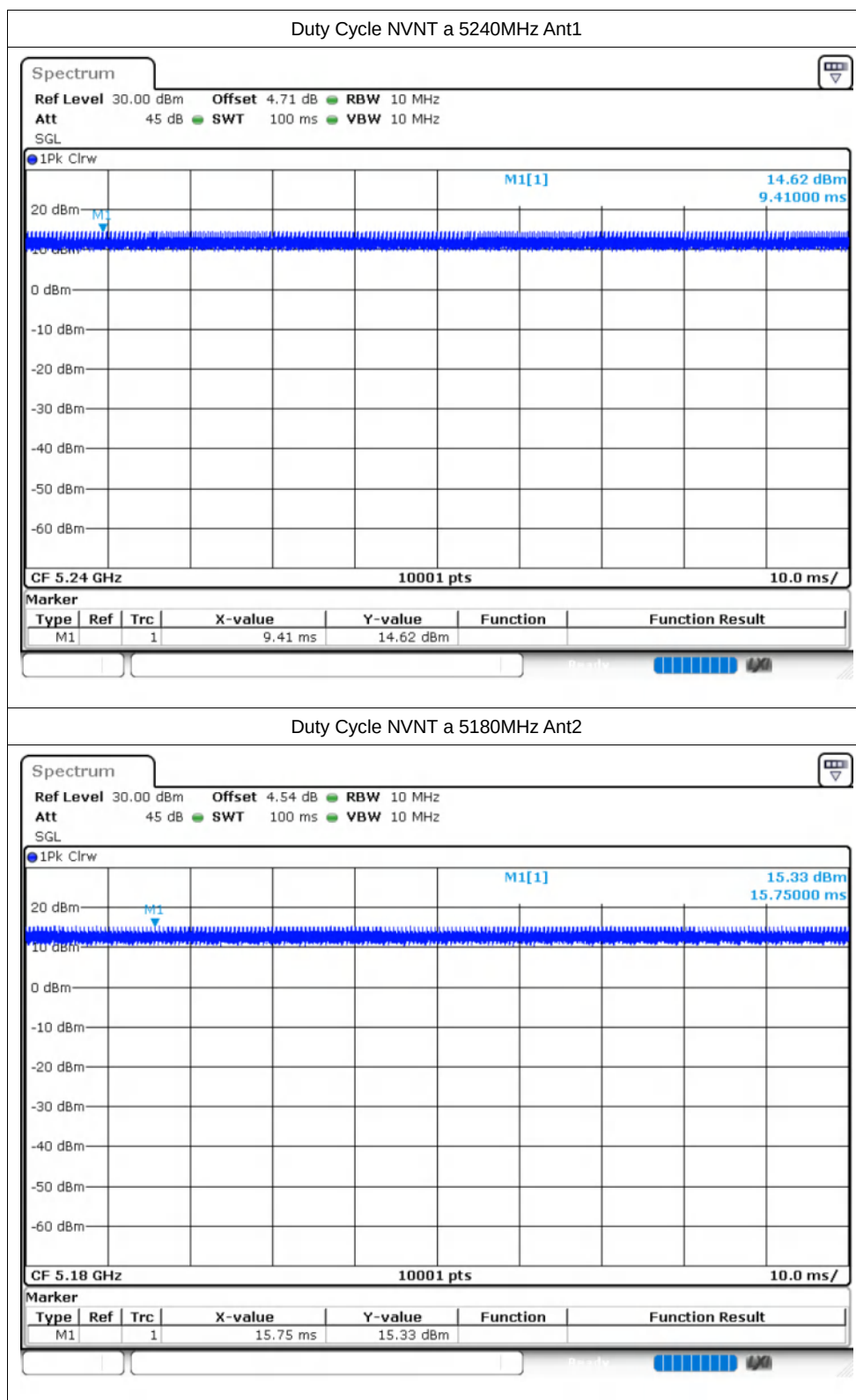
Test Graphs

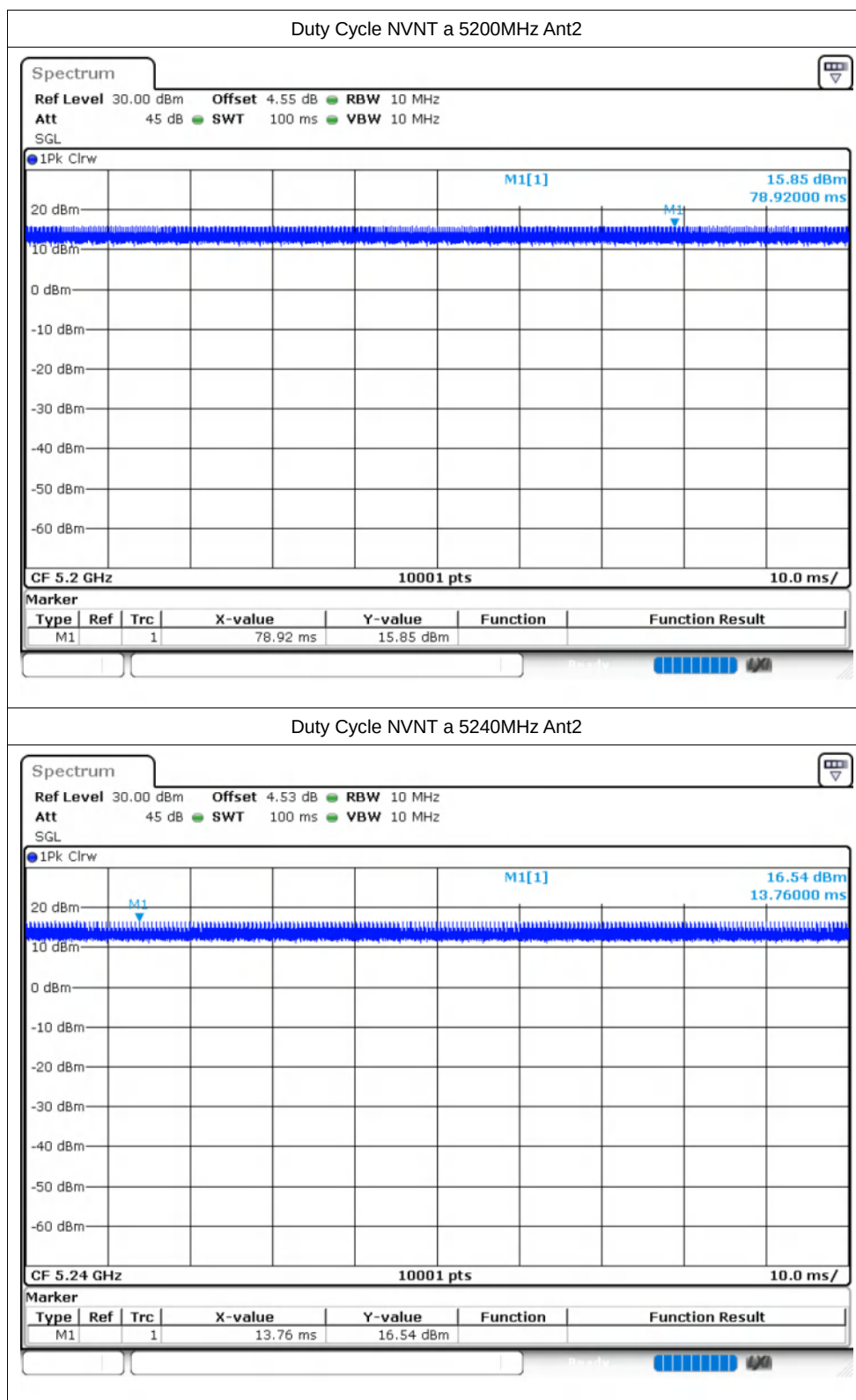
Duty Cycle NVNT a 5180MHz Ant1

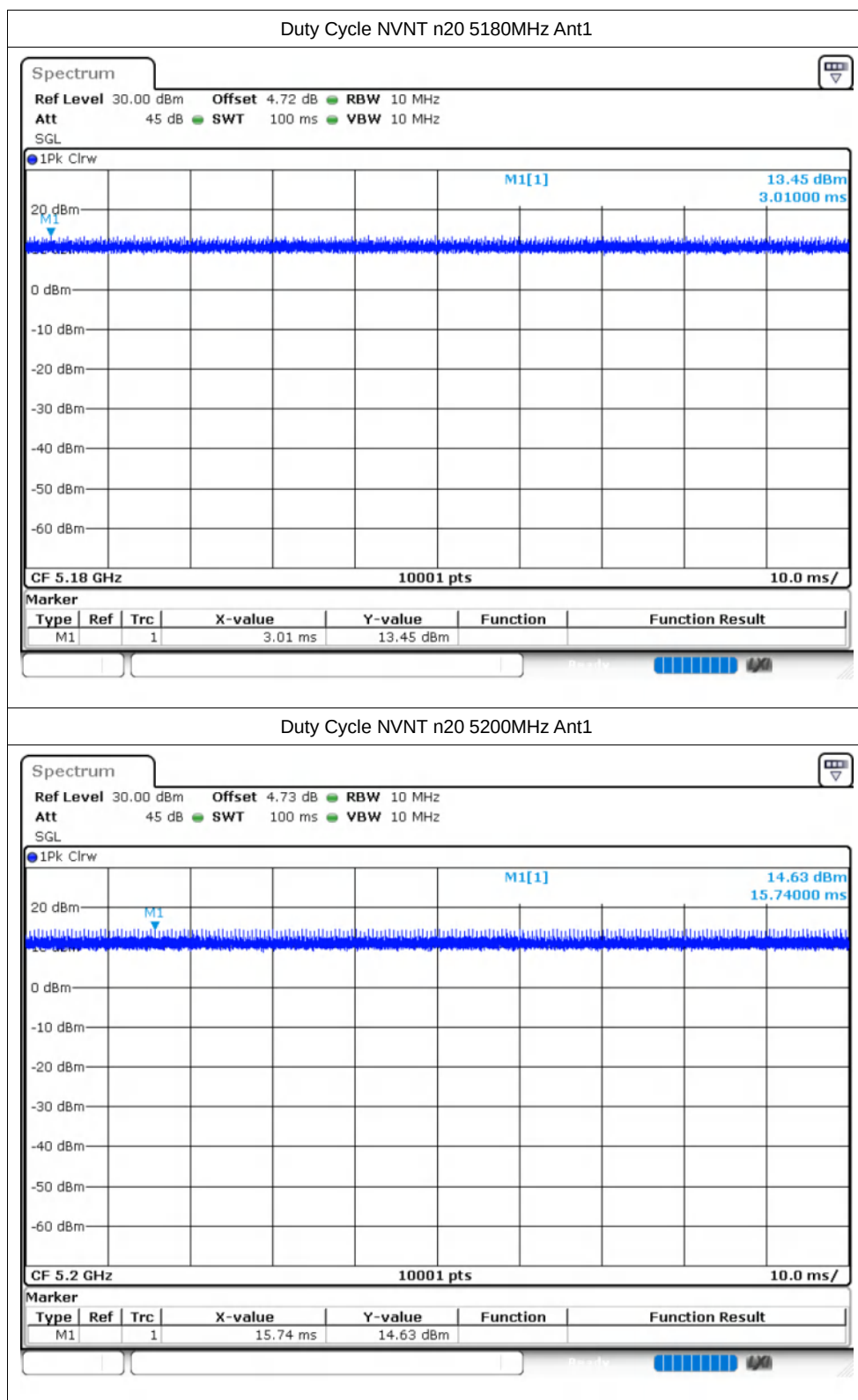


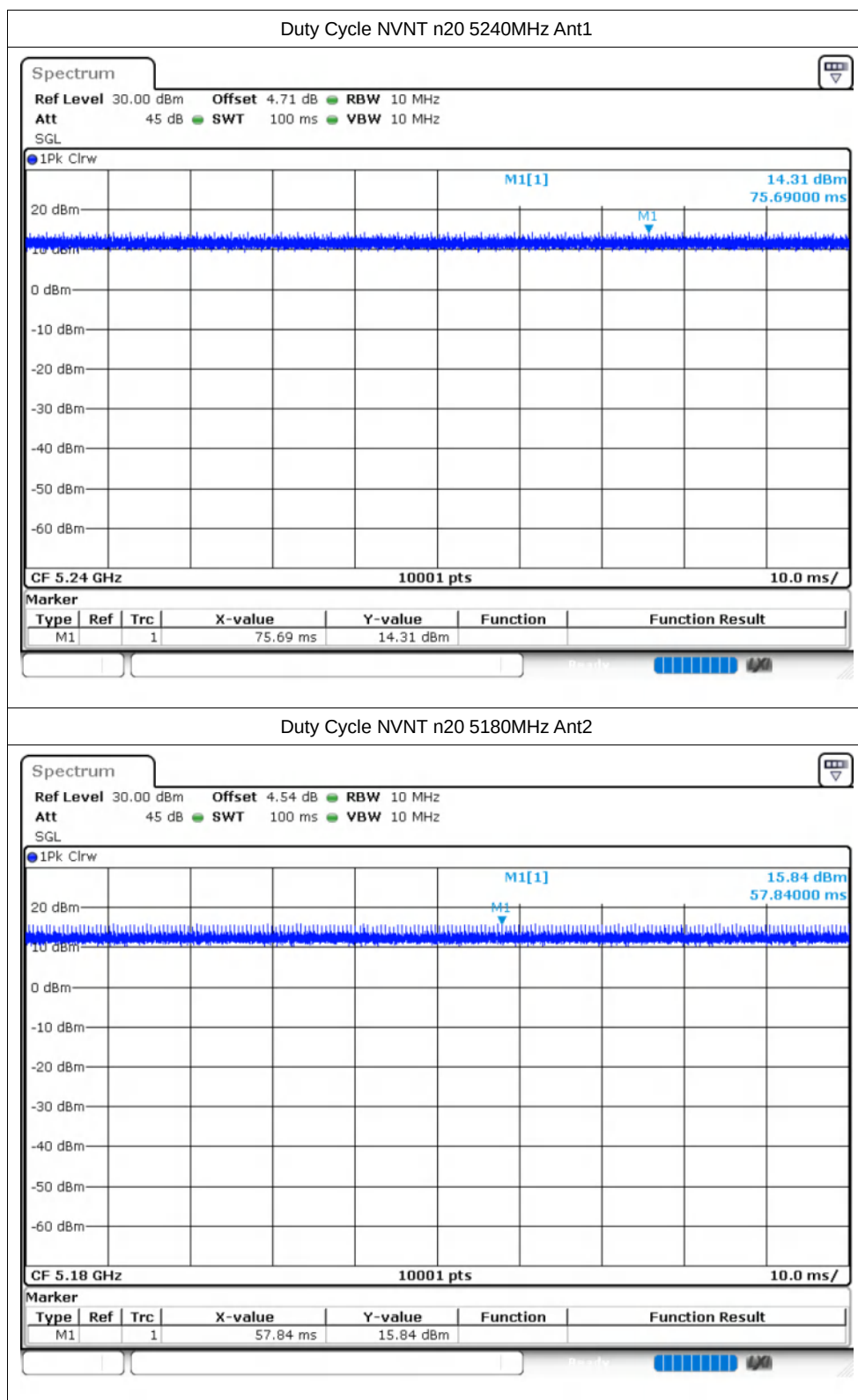
Duty Cycle NVNT a 5200MHz Ant1

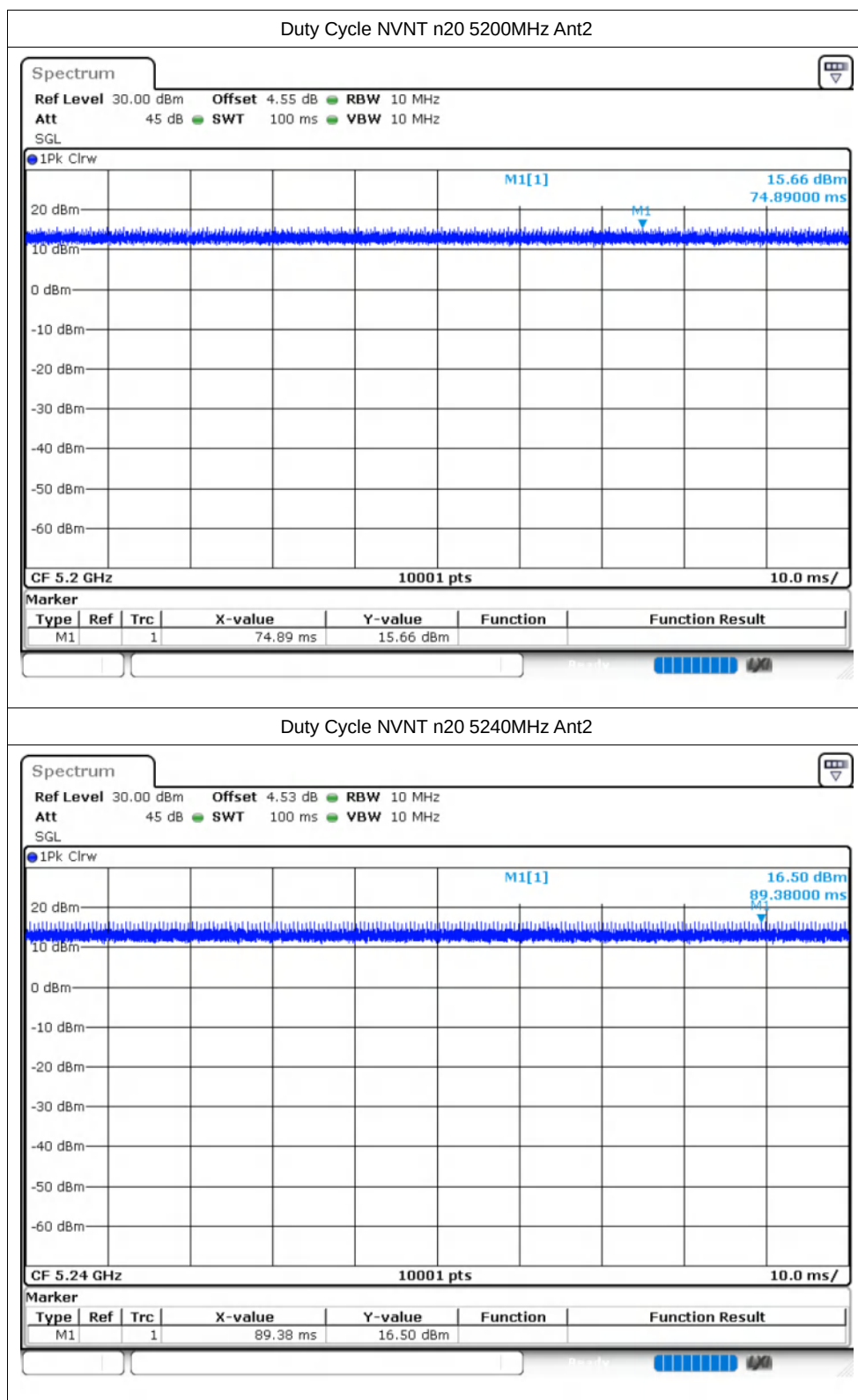


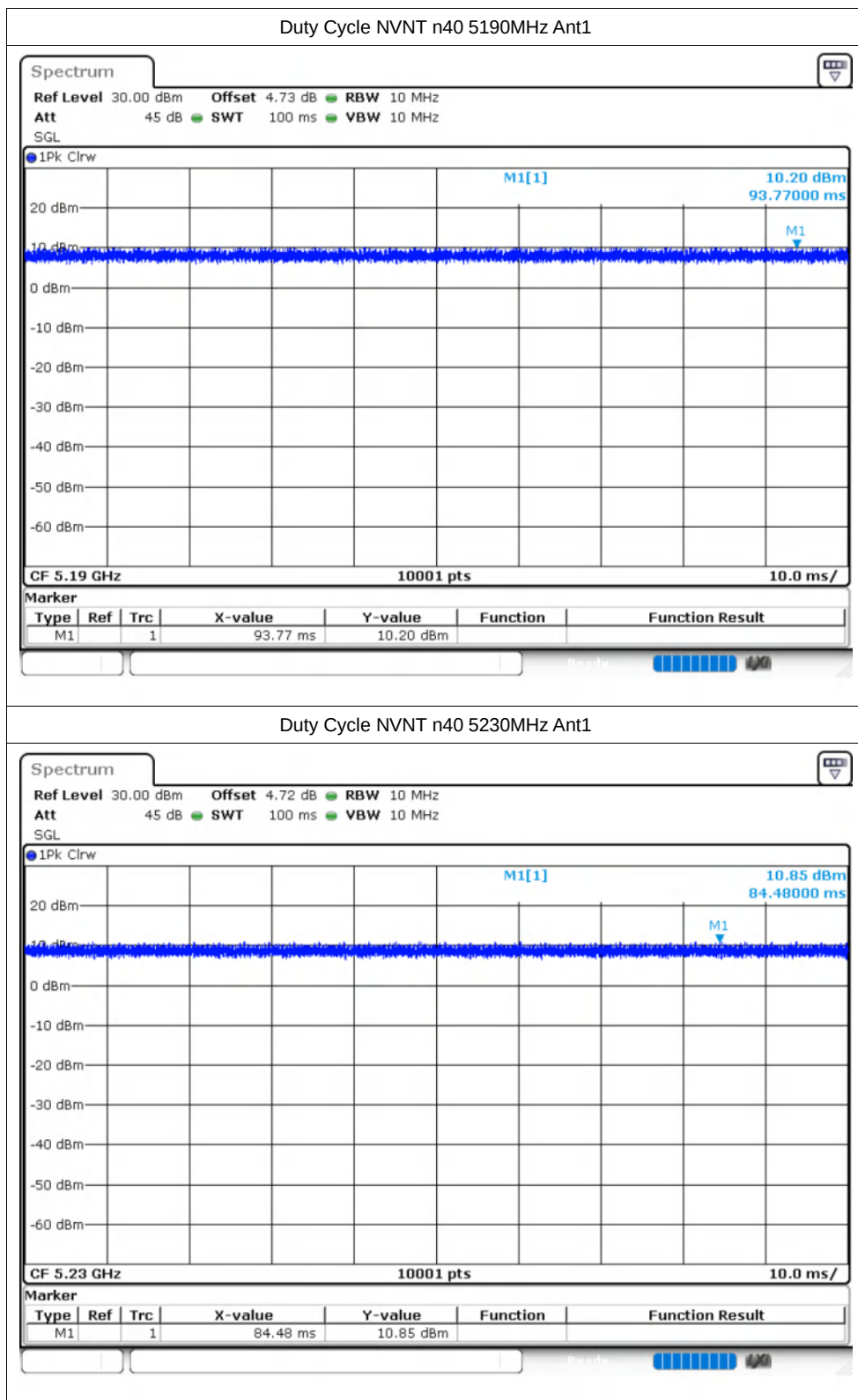


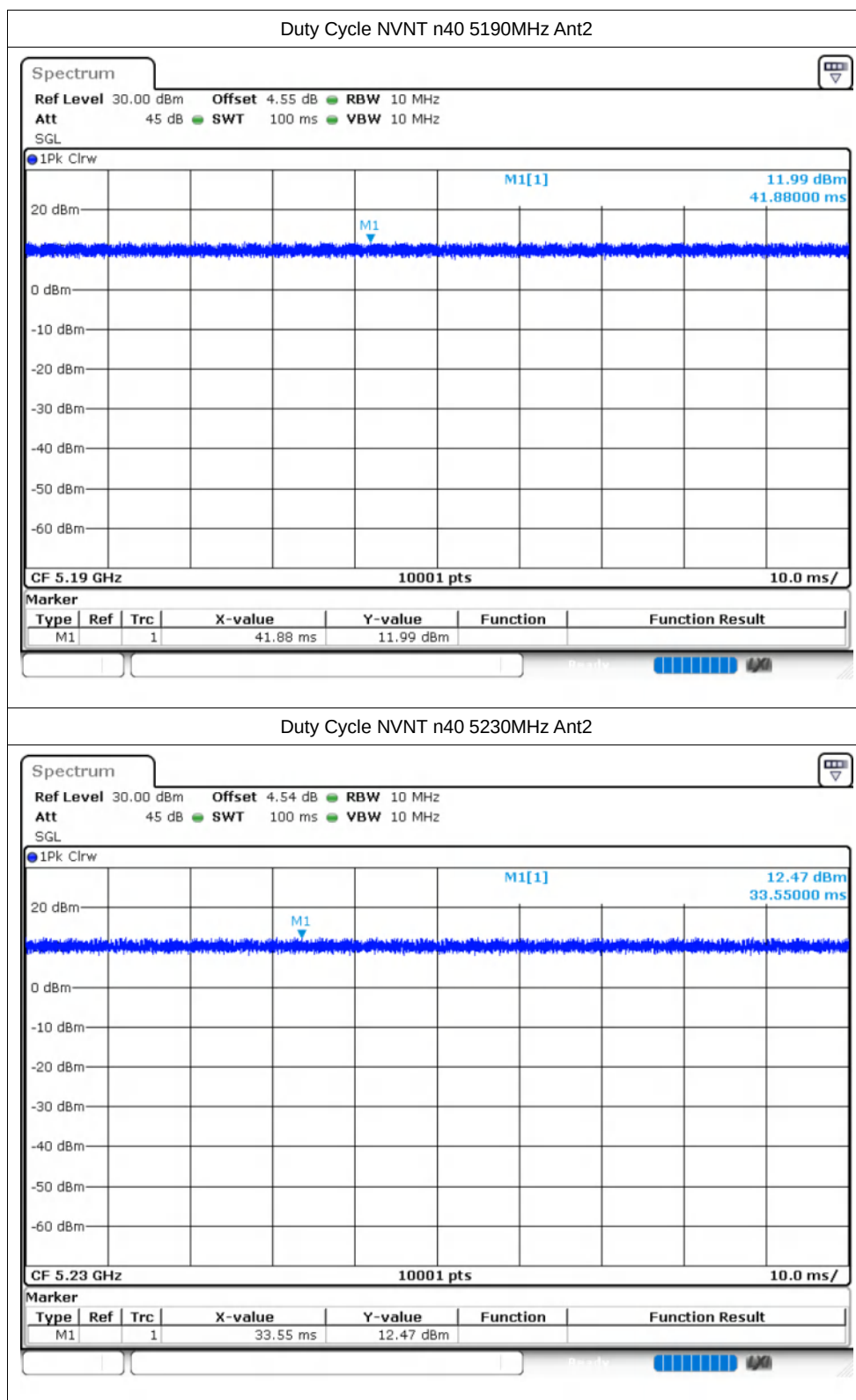


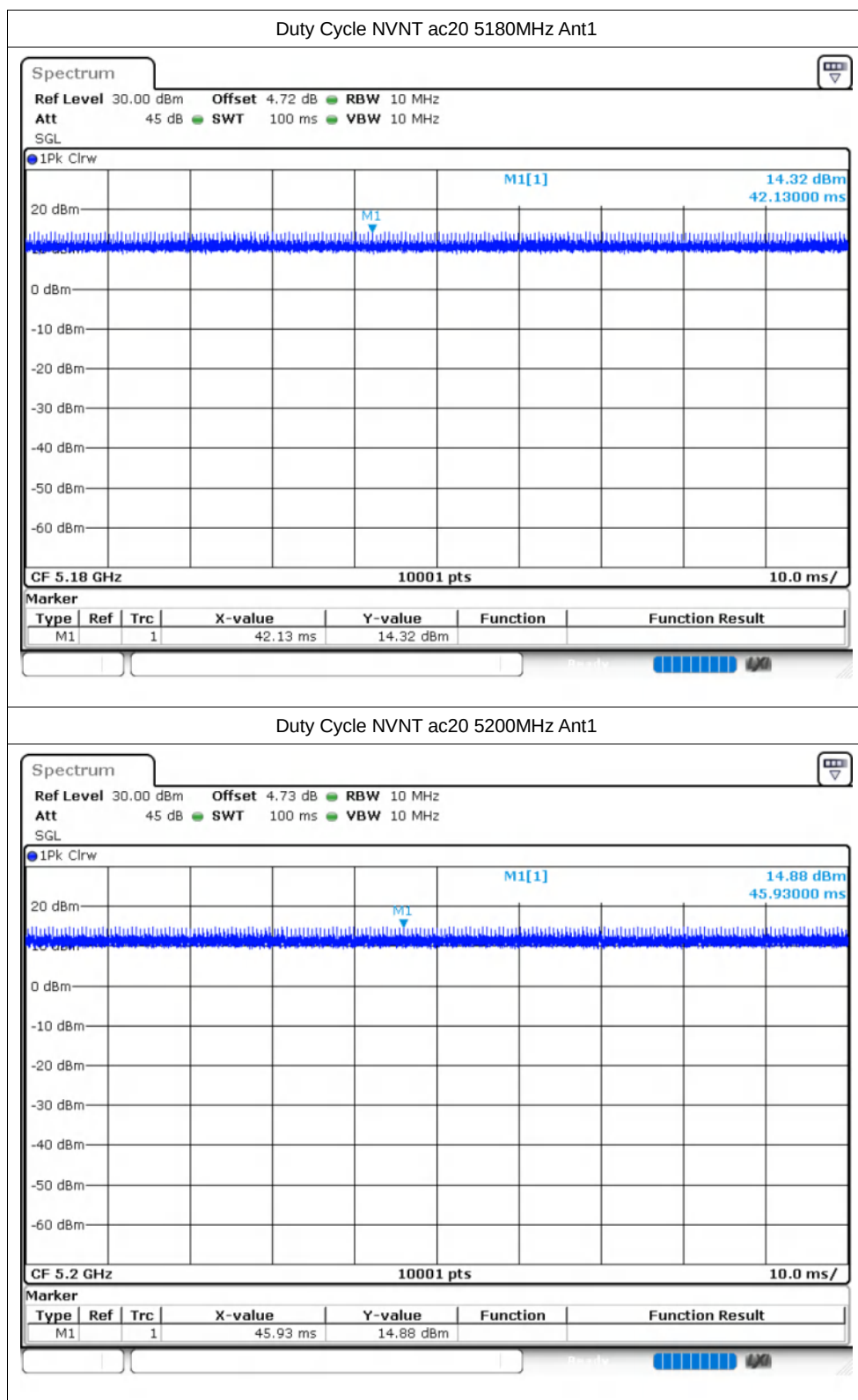


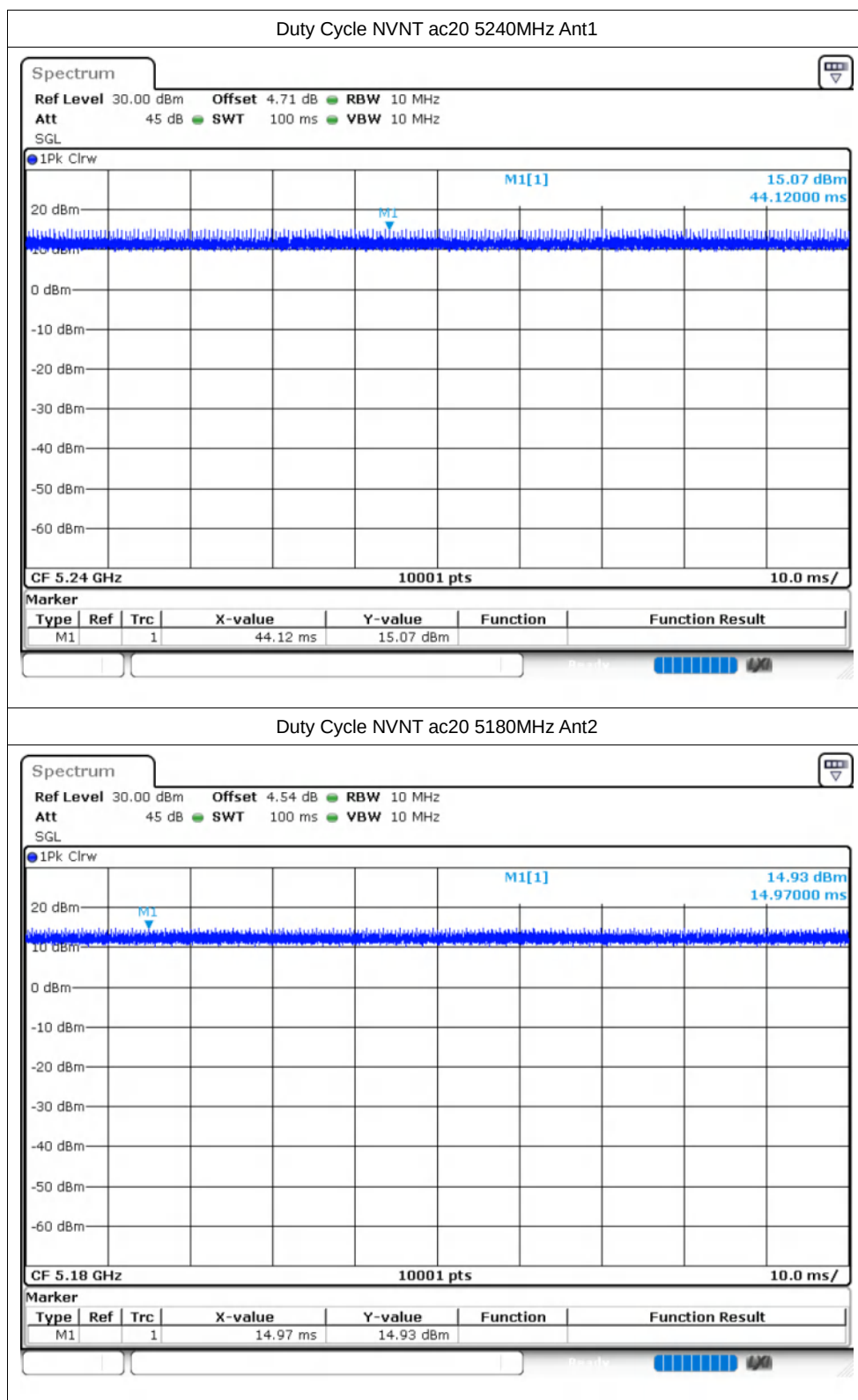


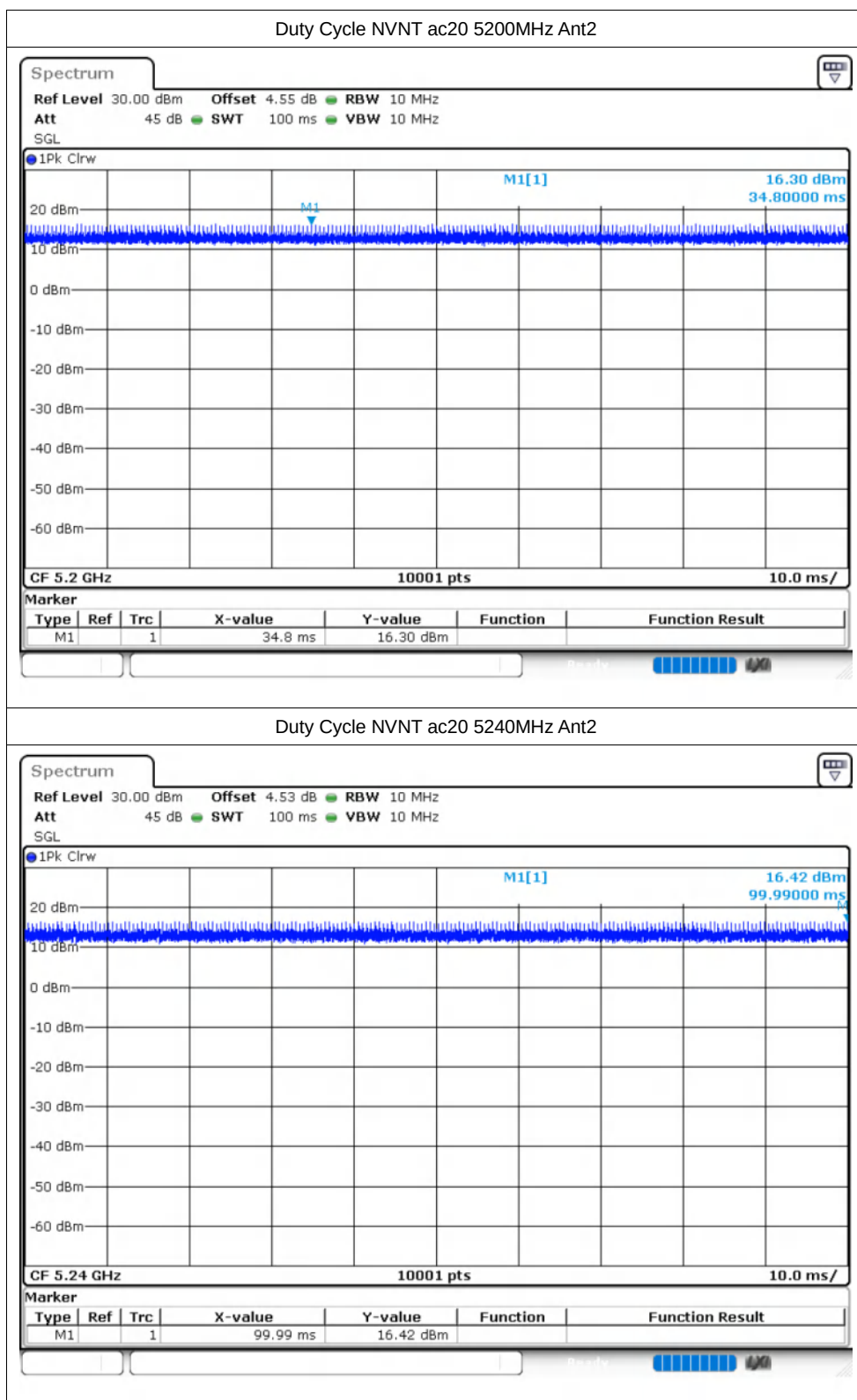


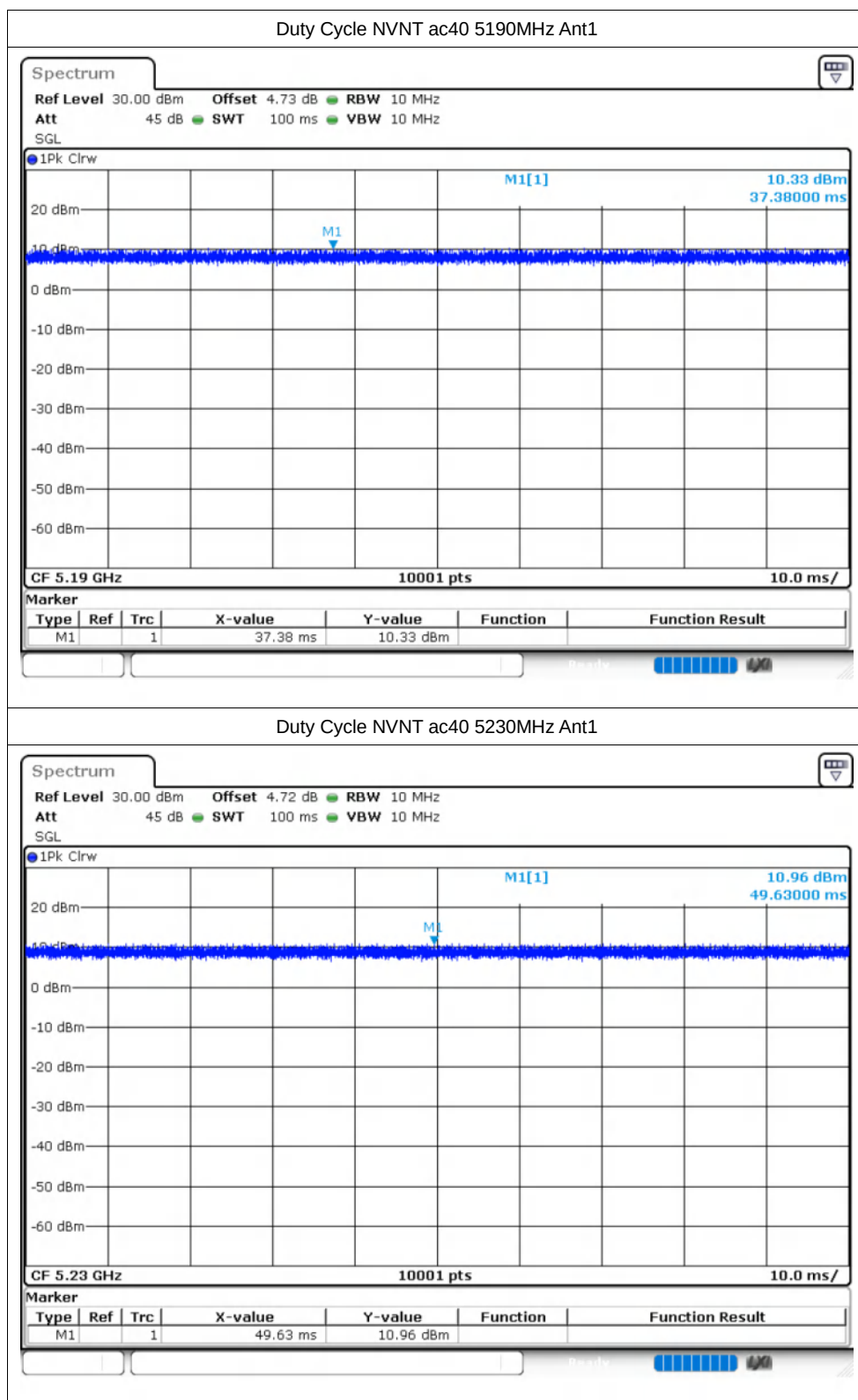


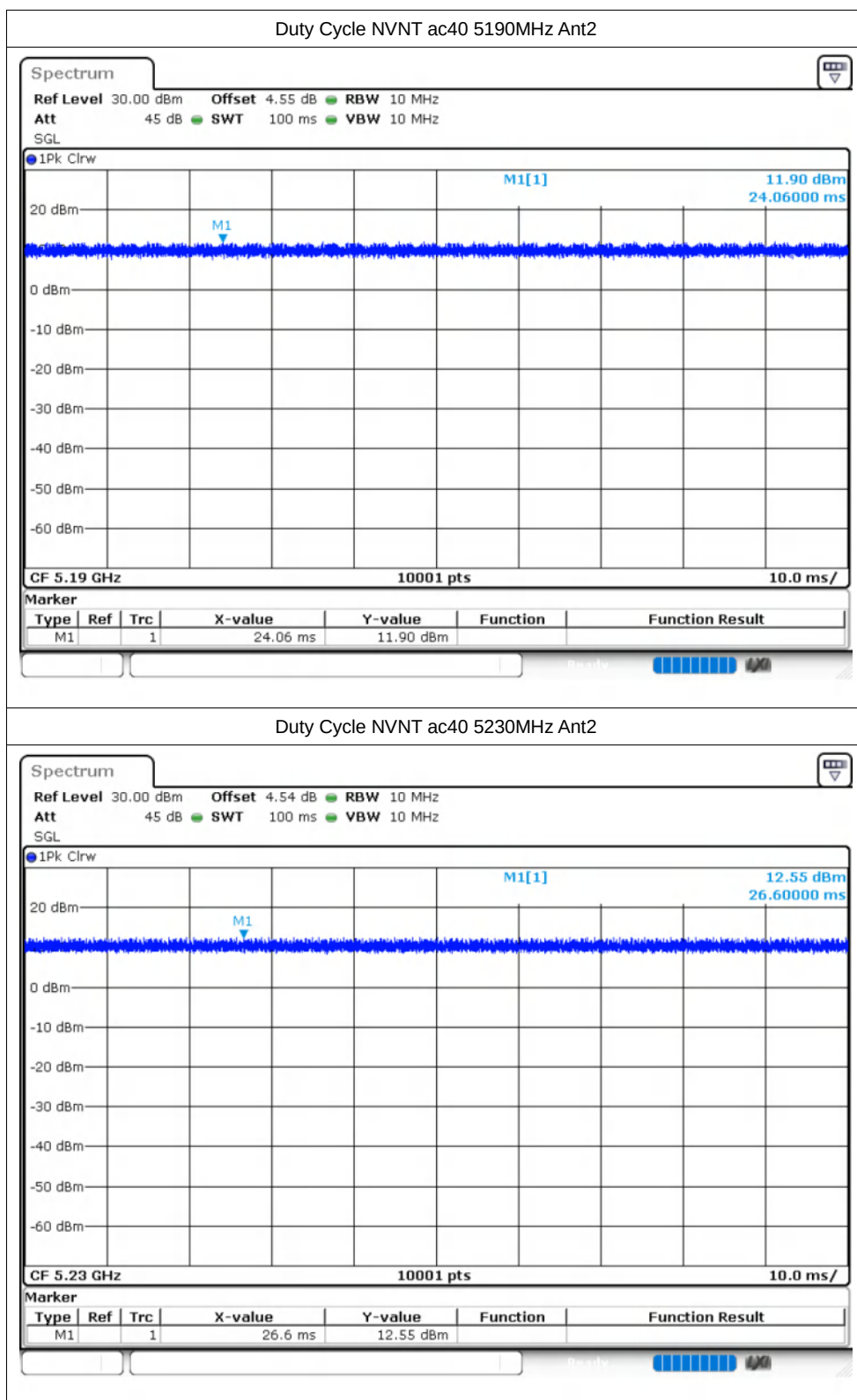


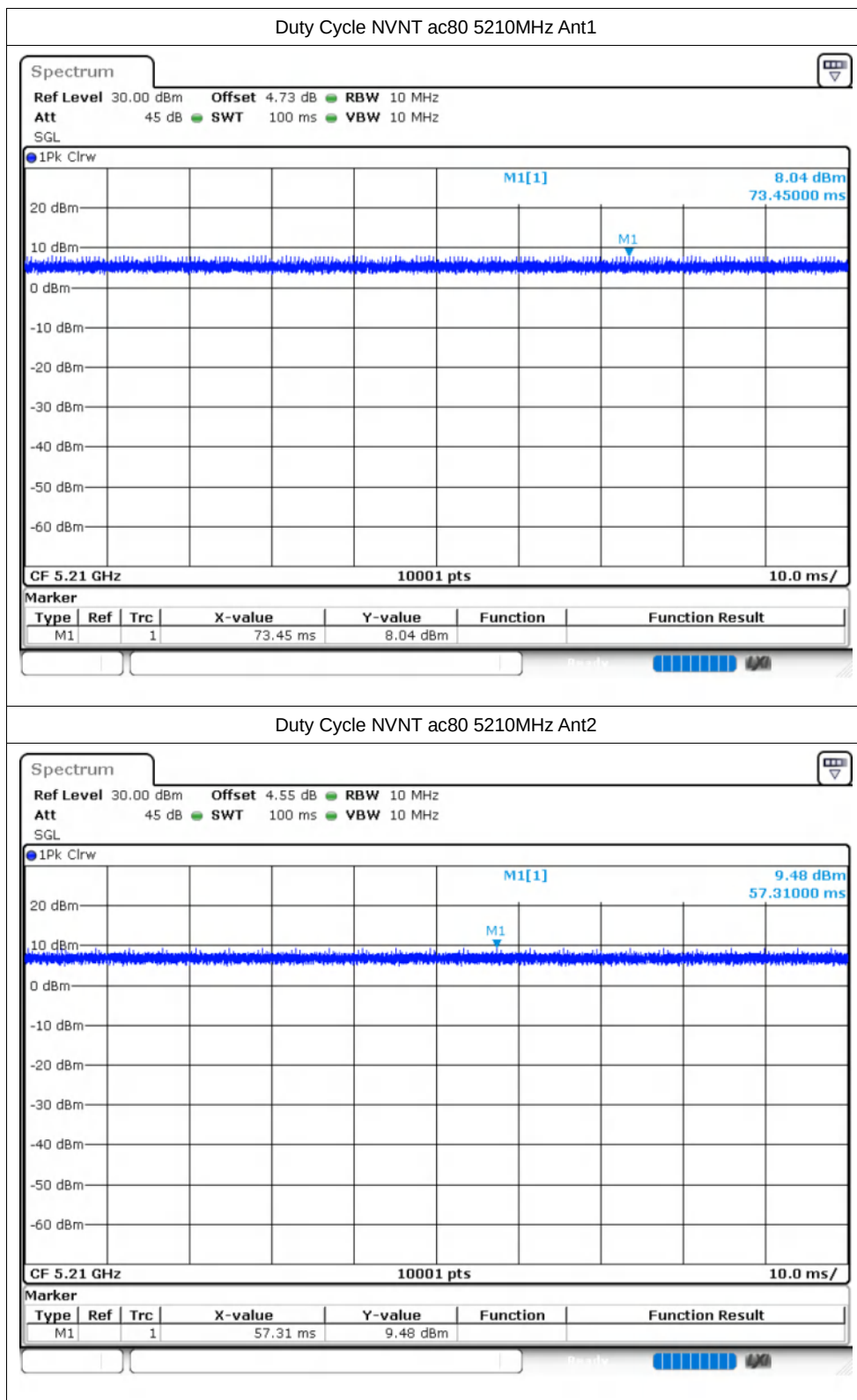












Maximum Conducted Output Power

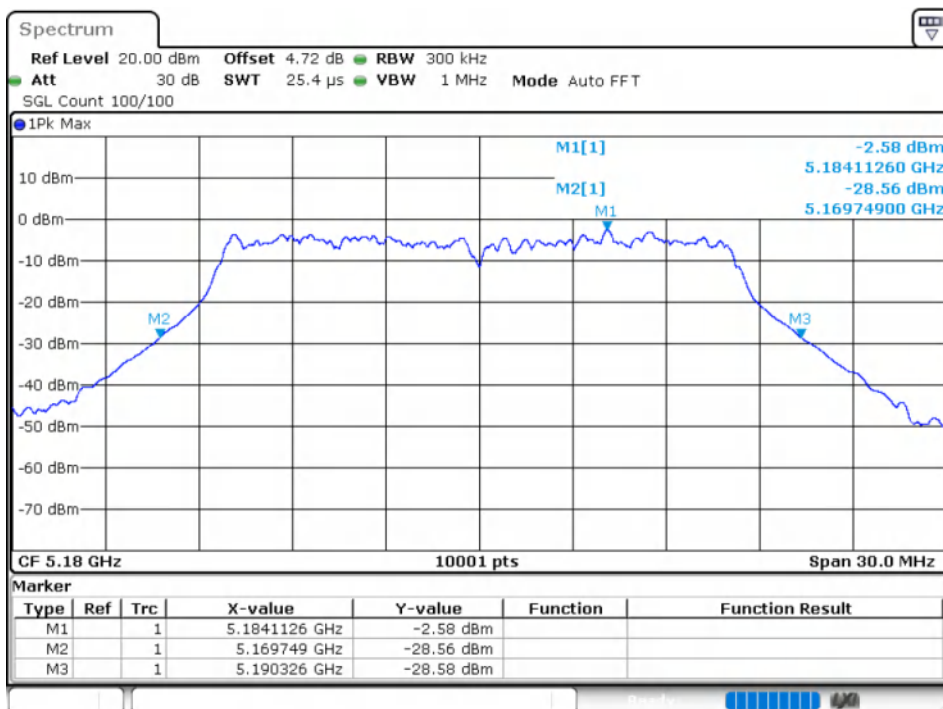
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.45	24	Pass
NVNT	a	5200	Ant1	7.52	24	Pass
NVNT	a	5240	Ant1	7.55	24	Pass
NVNT	a	5180	Ant2	9.73	24	Pass
NVNT	a	5200	Ant2	9.75	24	Pass
NVNT	a	5240	Ant2	9.9	24	Pass
NVNT	n20	5180	Ant1	7.59	24	Pass
NVNT	n20	5200	Ant1	7.36	24	Pass
NVNT	n20	5240	Ant1	7.27	24	Pass
NVNT	n20	5180	Ant2	9.72	24	Pass
NVNT	n20	5200	Ant2	9.77	24	Pass
NVNT	n20	5240	Ant2	9.83	24	Pass
NVNT	n40	5190	Ant1	7.57	24	Pass
NVNT	n40	5230	Ant1	7.56	24	Pass
NVNT	n40	5190	Ant2	9.89	24	Pass
NVNT	n40	5230	Ant2	9.94	24	Pass
NVNT	ac20	5180	Ant1	7.27	24	Pass
NVNT	ac20	5200	Ant1	7.54	24	Pass
NVNT	ac20	5240	Ant1	7.31	24	Pass
NVNT	ac20	5180	Ant2	9.64	24	Pass
NVNT	ac20	5200	Ant2	9.75	24	Pass
NVNT	ac20	5240	Ant2	9.75	24	Pass
NVNT	ac40	5190	Ant1	7.62	24	Pass
NVNT	ac40	5230	Ant1	7.78	24	Pass
NVNT	ac40	5190	Ant2	9.93	24	Pass
NVNT	ac40	5230	Ant2	10.01	24	Pass
NVNT	ac80	5210	Ant1	7.62	24	Pass
NVNT	ac80	5210	Ant2	9.88	24	Pass

-26dB Bandwidth

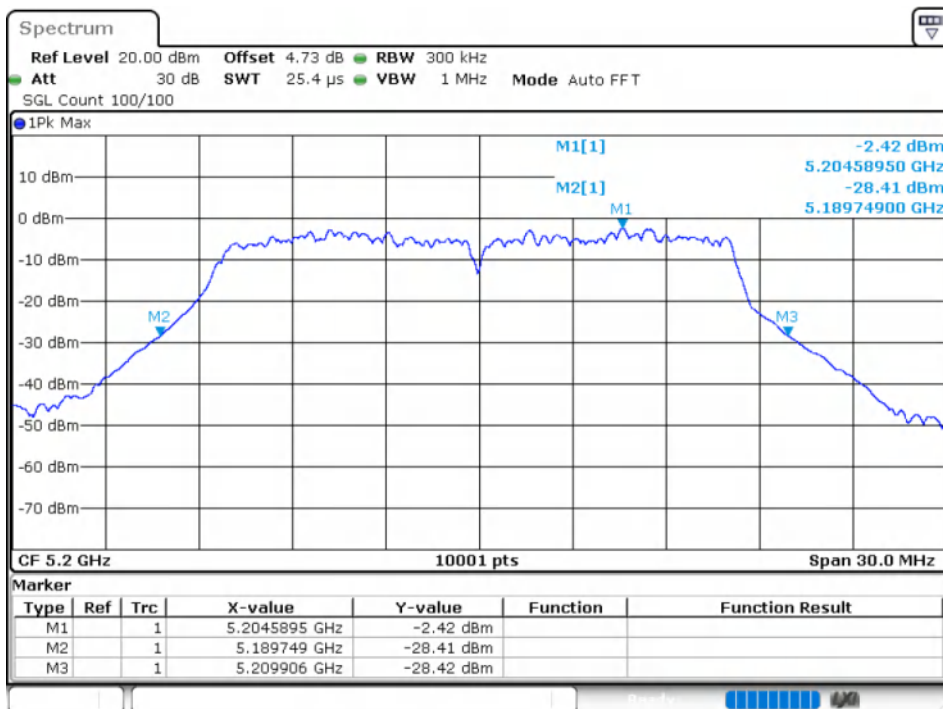
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.577	Pass
NVNT	a	5200	Ant1	20.157	Pass
NVNT	a	5240	Ant1	20.163	Pass
NVNT	a	5180	Ant2	20.94	Pass
NVNT	a	5200	Ant2	20.634	Pass
NVNT	a	5240	Ant2	20.388	Pass
NVNT	n20	5180	Ant1	21.303	Pass
NVNT	n20	5200	Ant1	21.321	Pass
NVNT	n20	5240	Ant1	21.633	Pass
NVNT	n20	5180	Ant2	21.903	Pass
NVNT	n20	5200	Ant2	21.378	Pass
NVNT	n20	5240	Ant2	21.024	Pass
NVNT	n40	5190	Ant1	42.774	Pass
NVNT	n40	5230	Ant1	42.732	Pass
NVNT	n40	5190	Ant2	42.642	Pass
NVNT	n40	5230	Ant2	42.918	Pass
NVNT	ac20	5180	Ant1	21.201	Pass
NVNT	ac20	5200	Ant1	21.333	Pass
NVNT	ac20	5240	Ant1	21.456	Pass
NVNT	ac20	5180	Ant2	21.489	Pass
NVNT	ac20	5200	Ant2	21.225	Pass
NVNT	ac20	5240	Ant2	21.234	Pass
NVNT	ac40	5190	Ant1	42.9	Pass
NVNT	ac40	5230	Ant1	42.852	Pass
NVNT	ac40	5190	Ant2	42.984	Pass
NVNT	ac40	5230	Ant2	40.998	Pass
NVNT	ac80	5210	Ant1	83.184	Pass
NVNT	ac80	5210	Ant2	82.992	Pass

Test Graphs

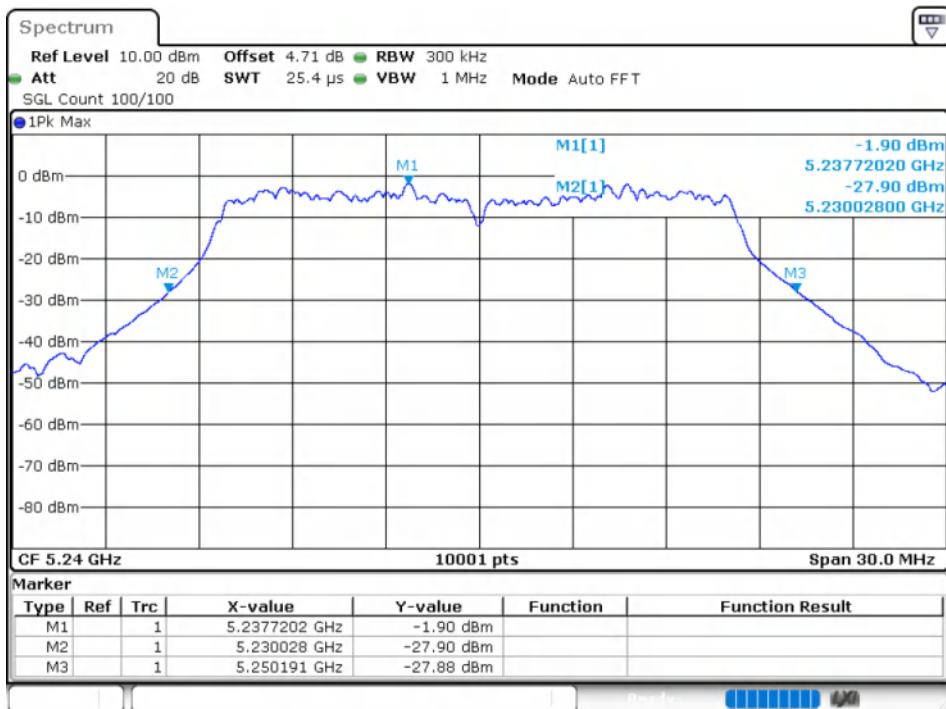
-26dB Bandwidth NVNT a 5180MHz Ant1



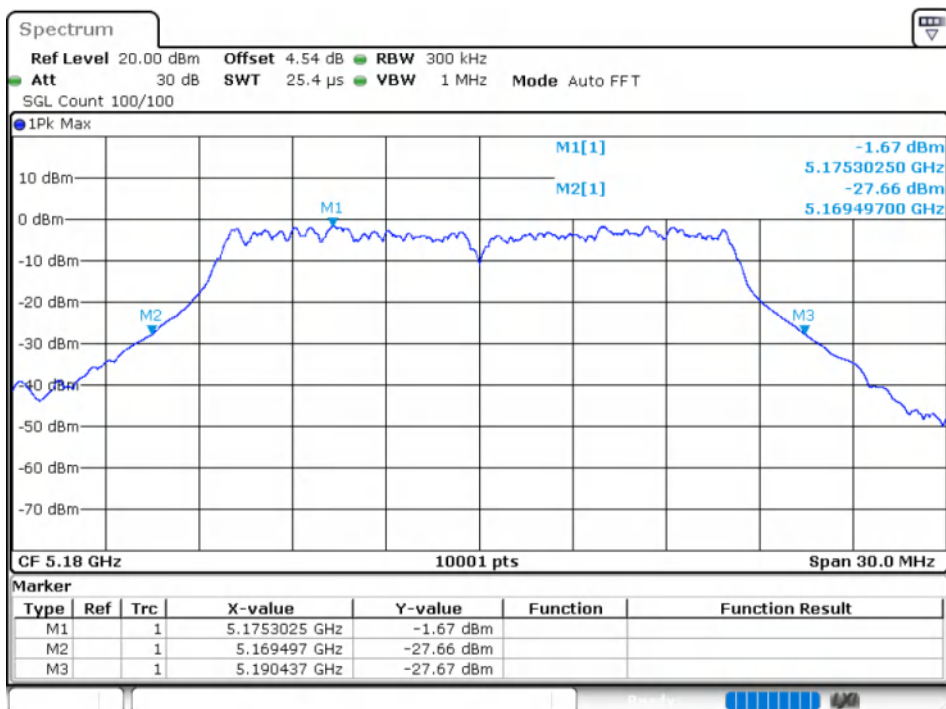
-26dB Bandwidth NVNT a 5200MHz Ant1



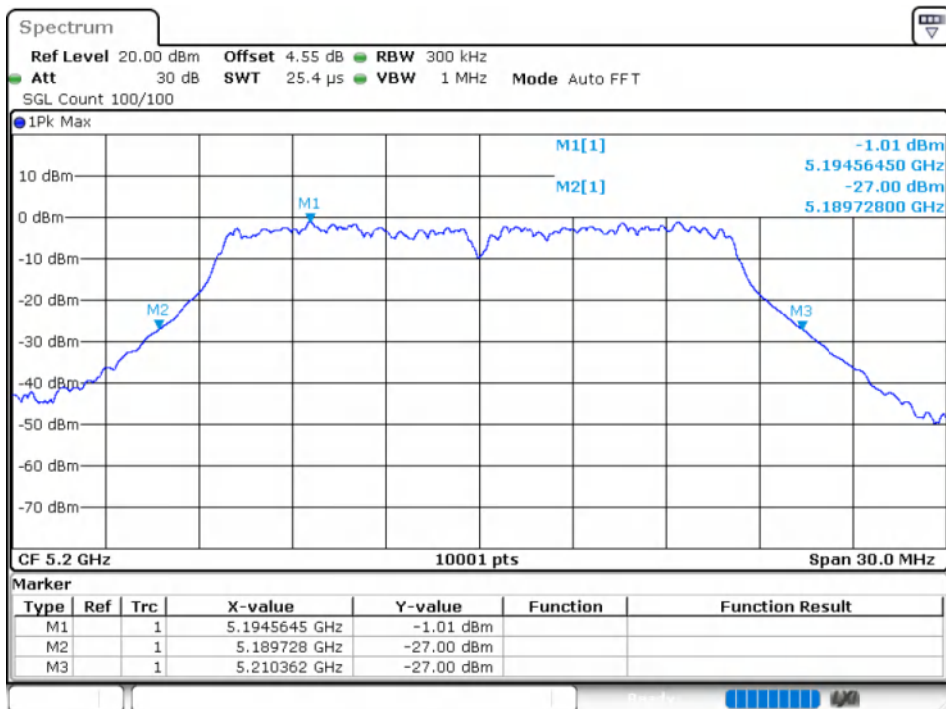
-26dB Bandwidth NVNT a 5240MHz Ant1



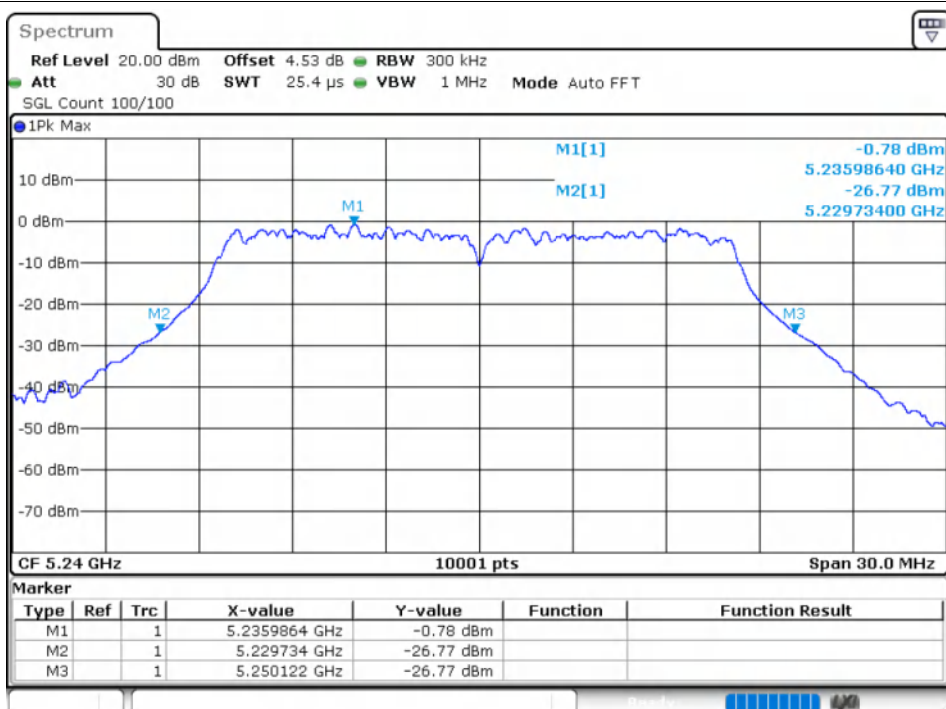
-26dB Bandwidth NVNT a 5180MHz Ant2

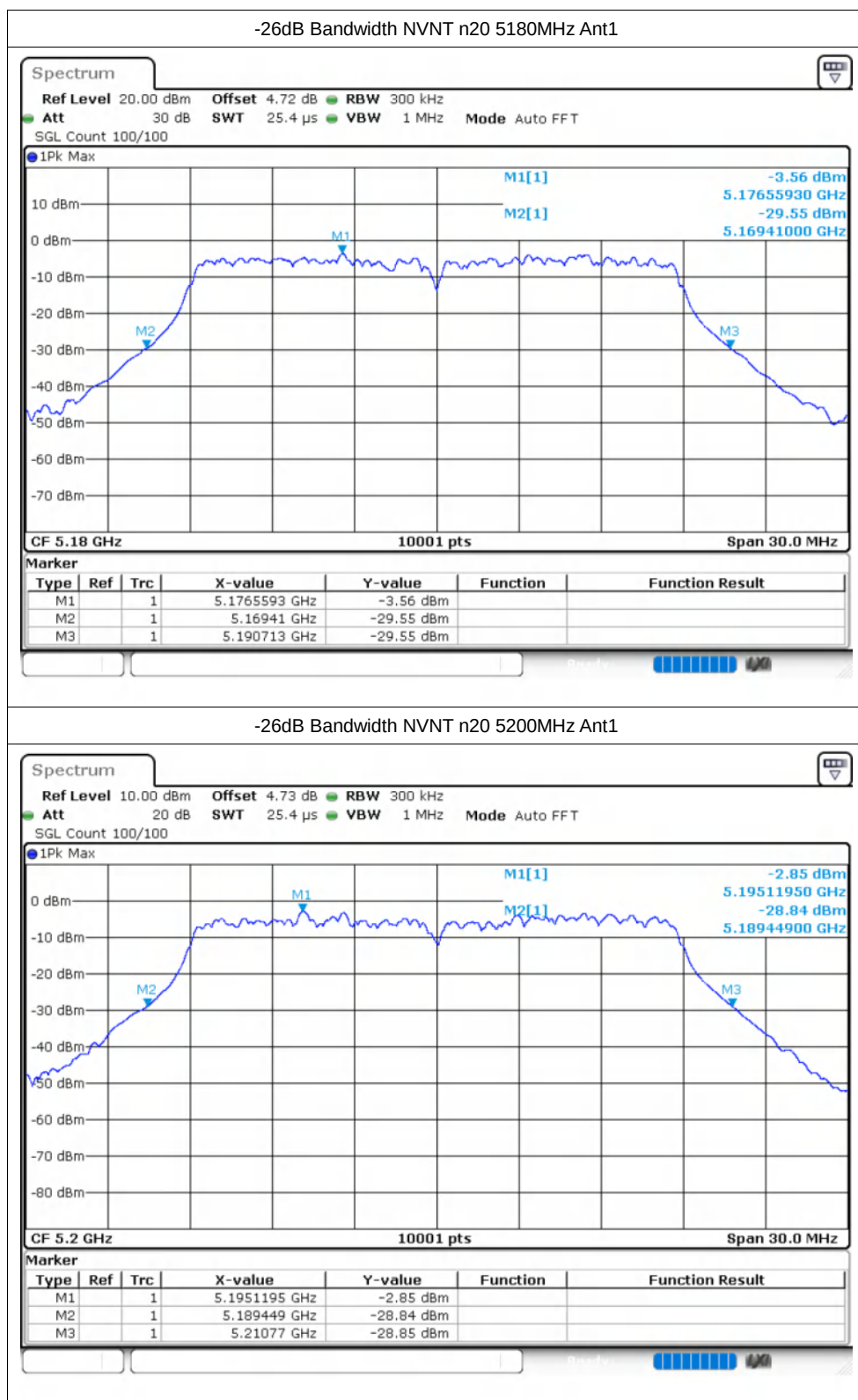


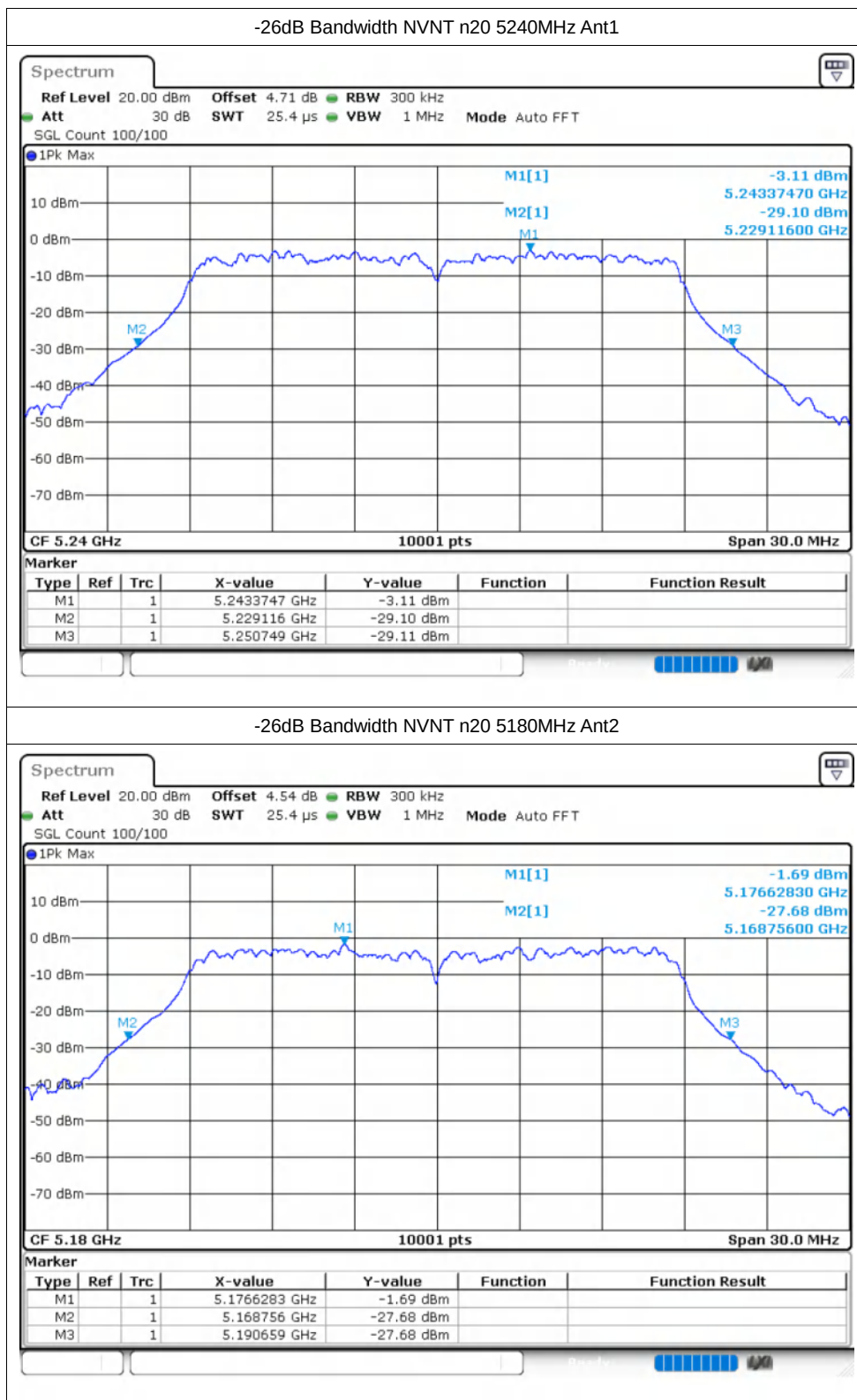
-26dB Bandwidth NVNT a 5200MHz Ant2

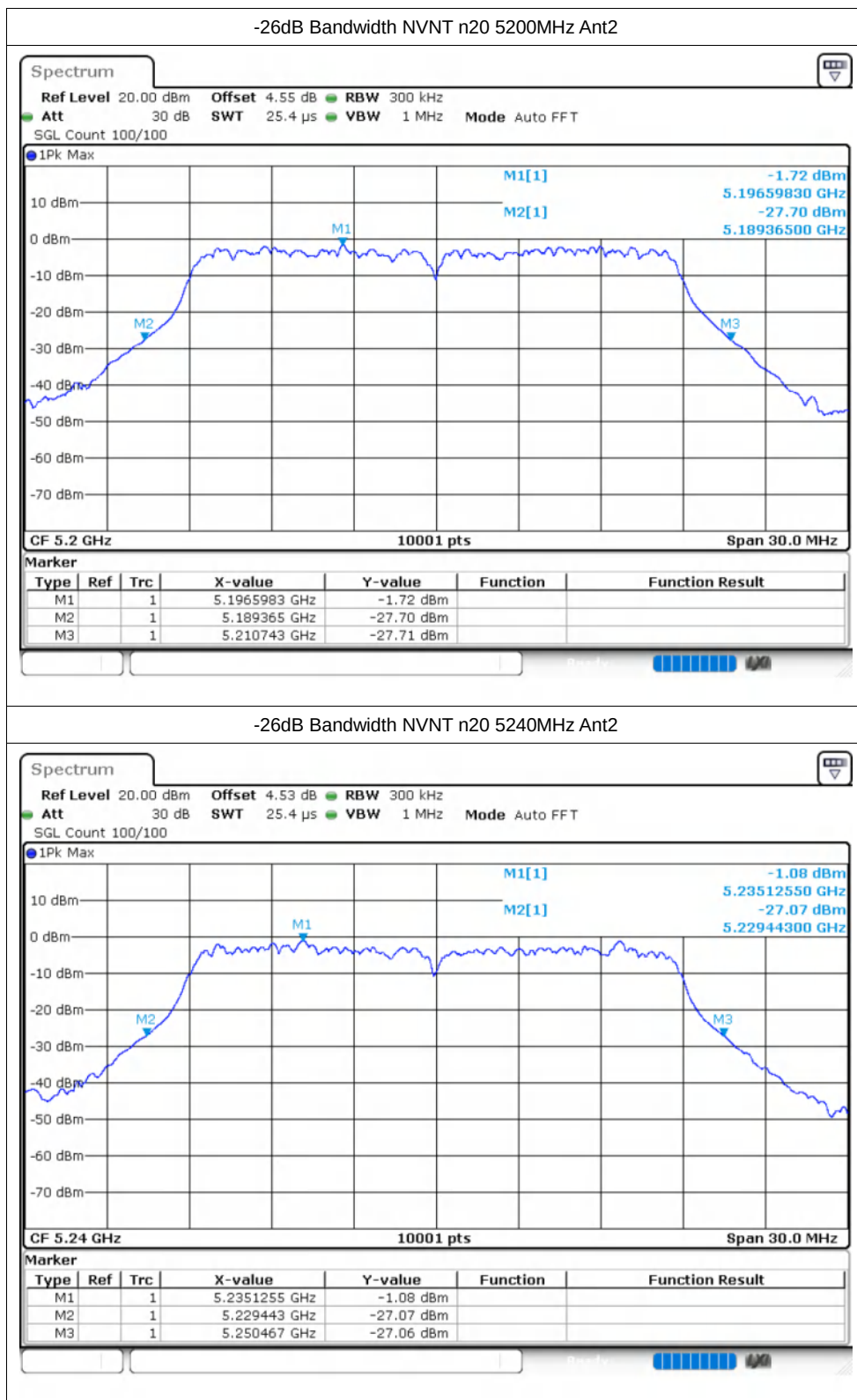


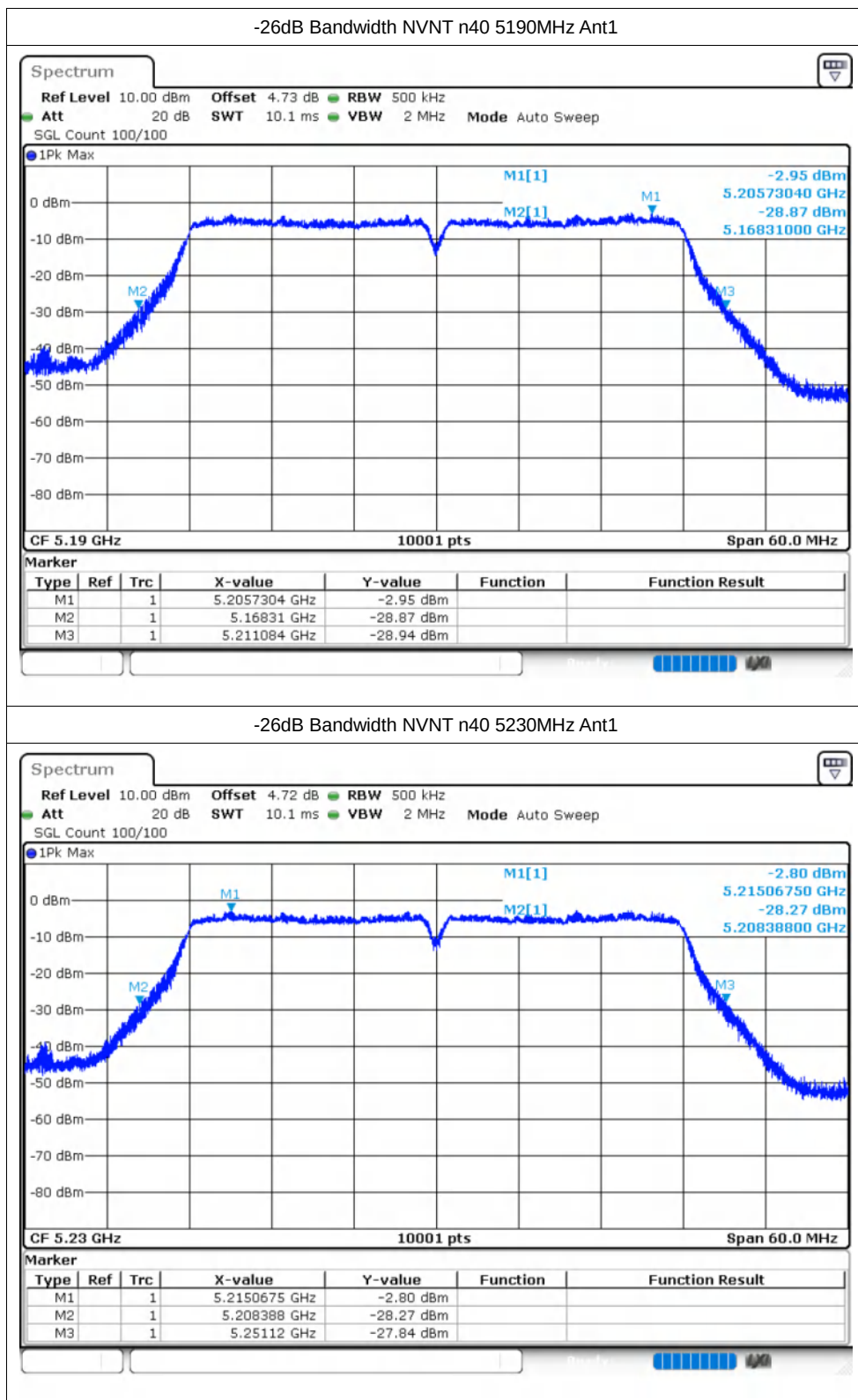
-26dB Bandwidth NVNT a 5240MHz Ant2

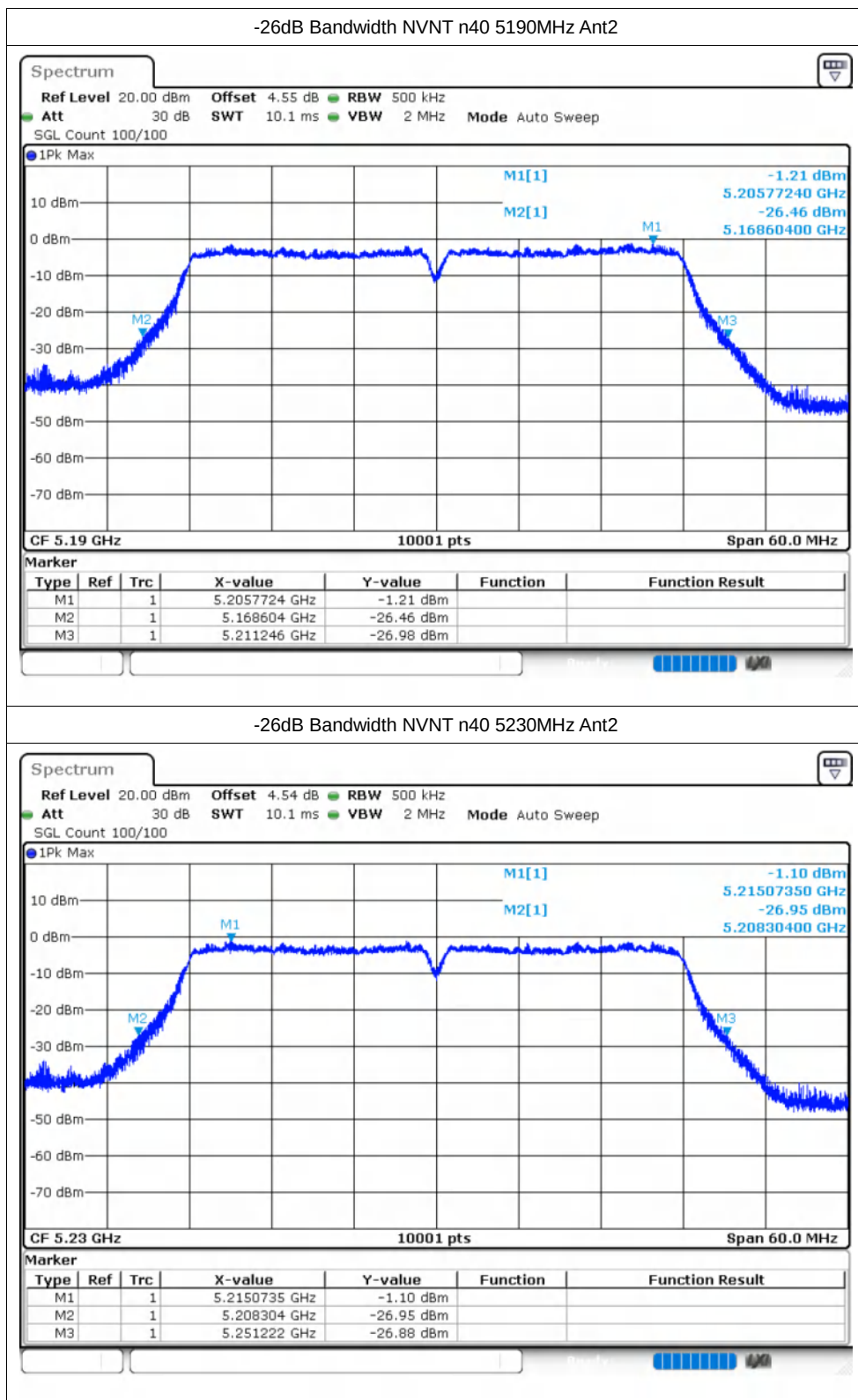


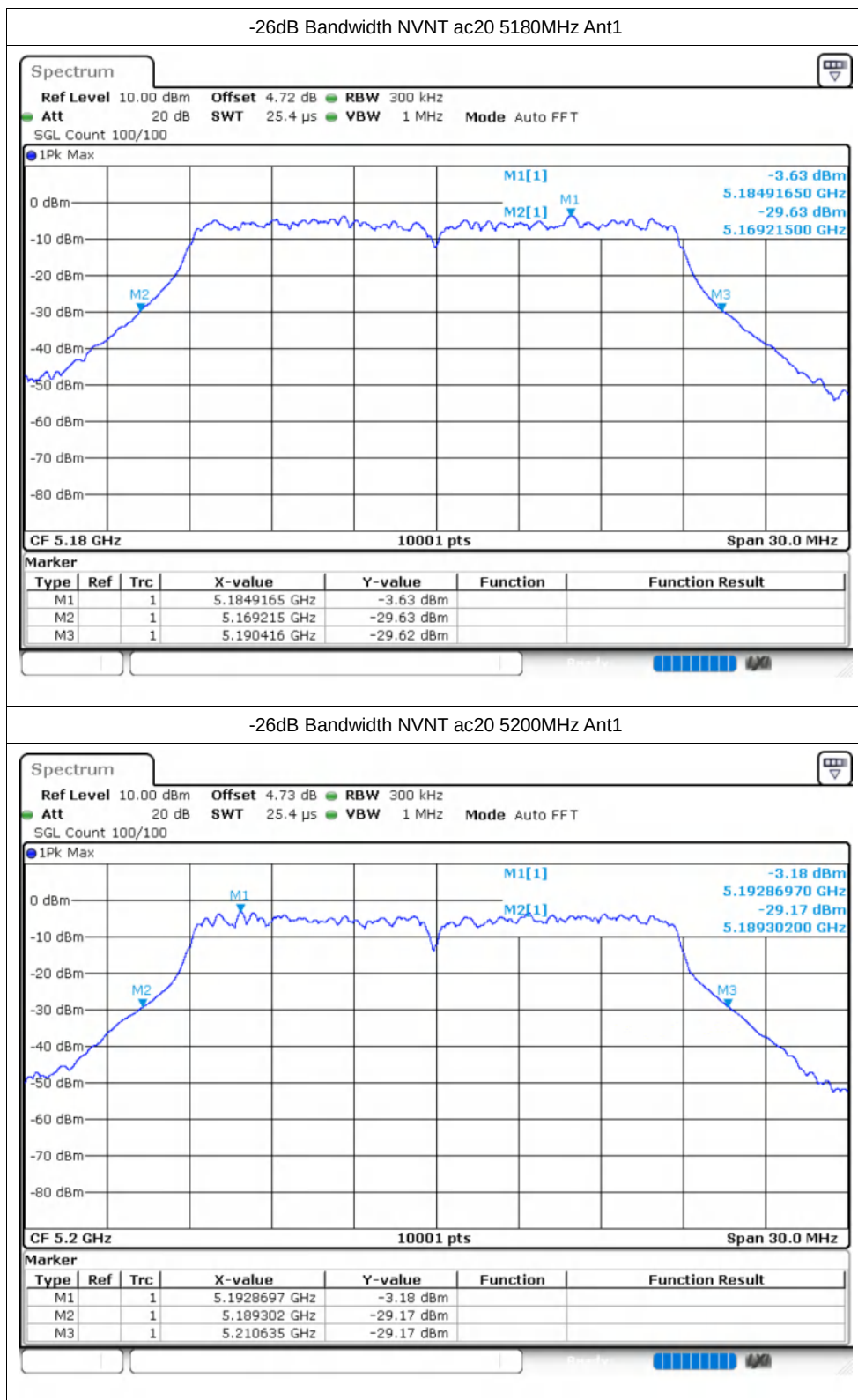




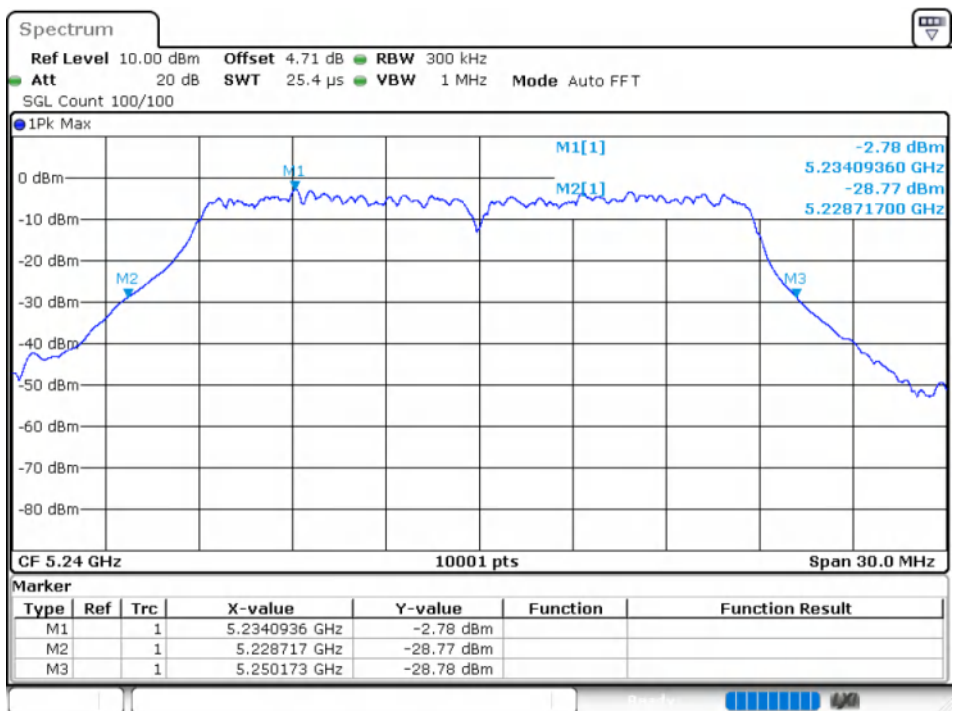




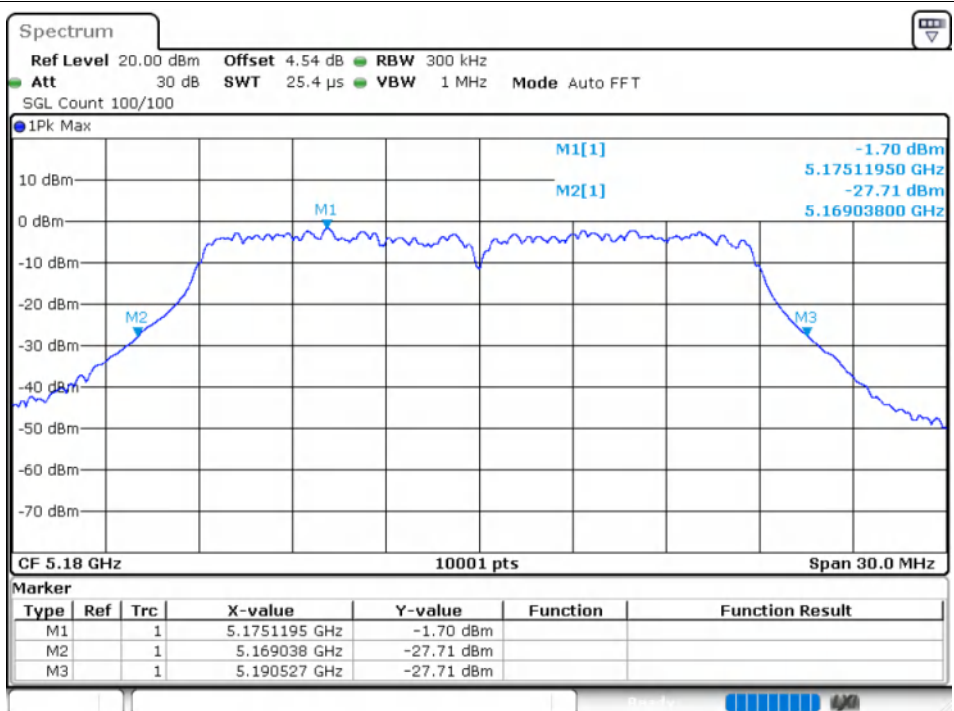


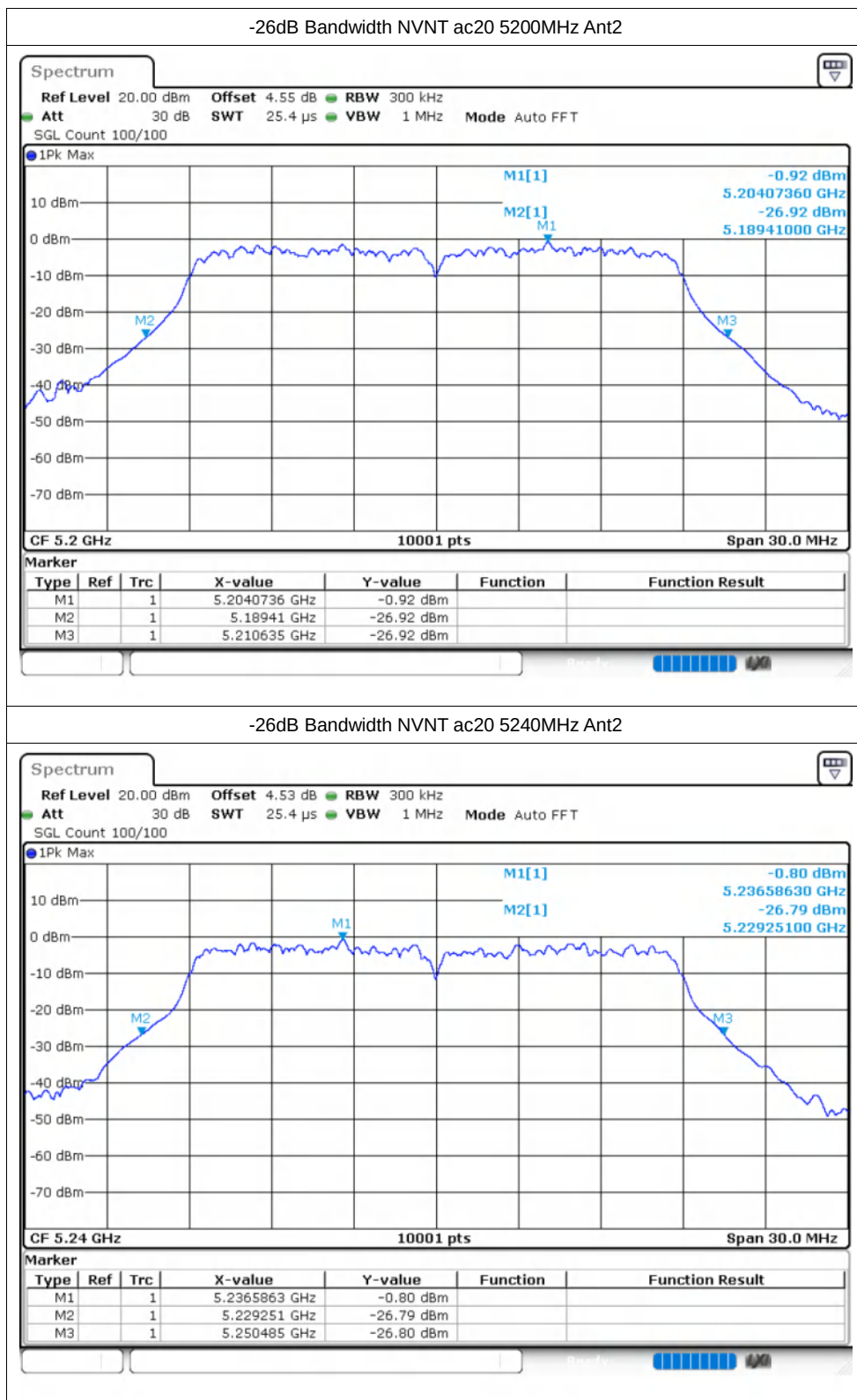


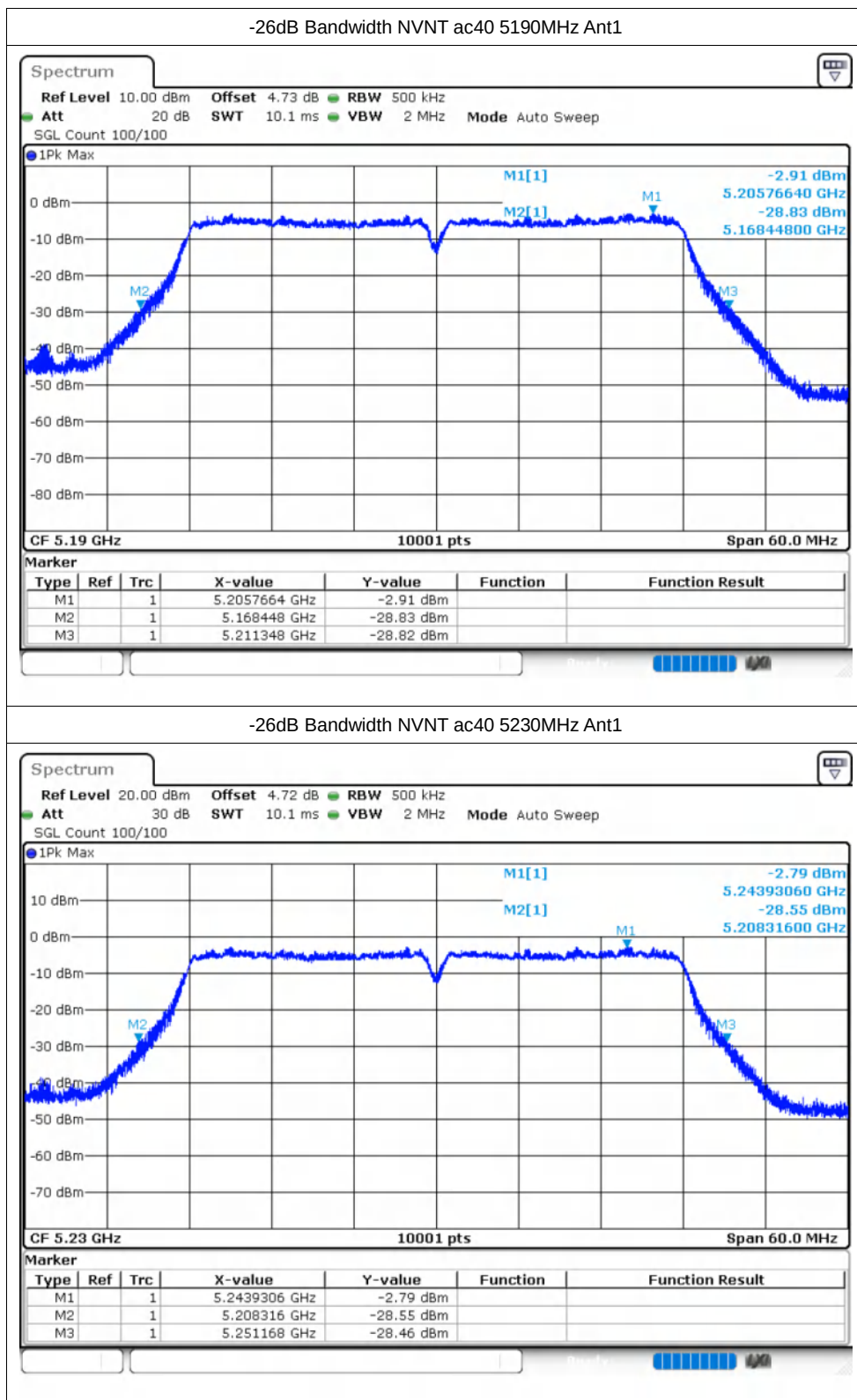
-26dB Bandwidth NVNT ac20 5240MHz Ant1

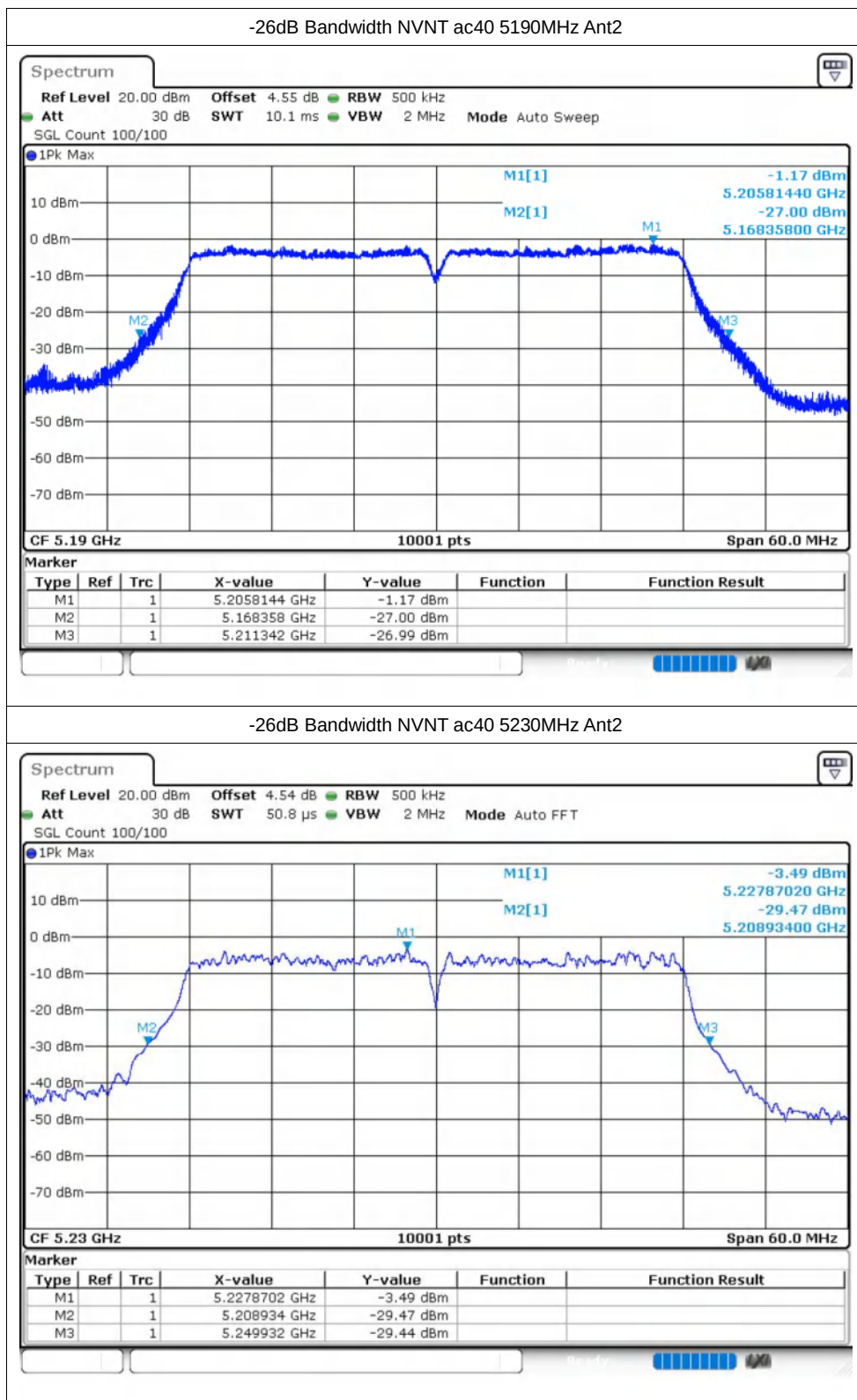


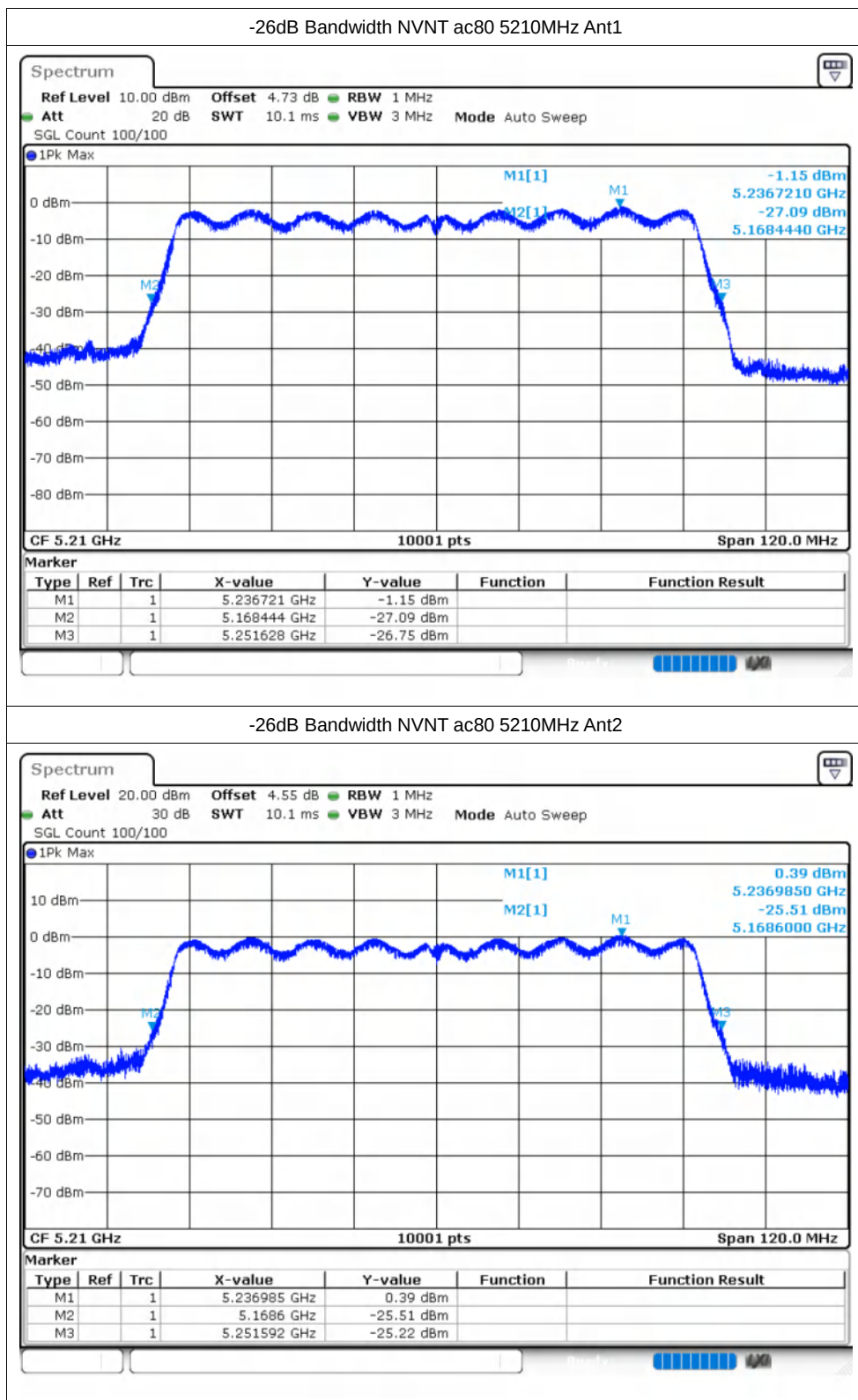
-26dB Bandwidth NVNT ac20 5180MHz Ant2









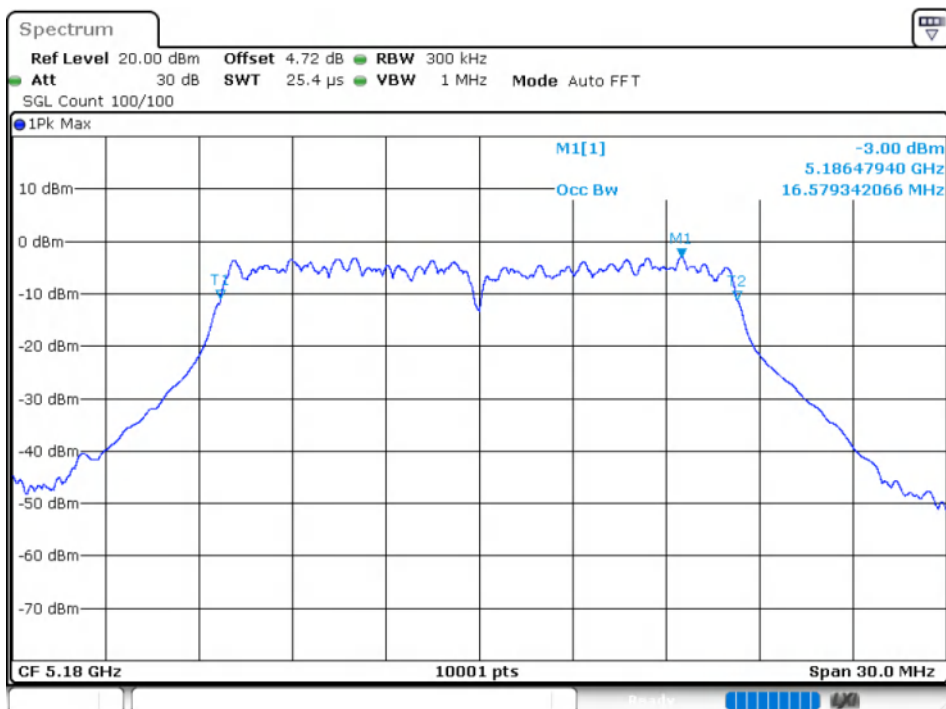


Occupied Channel Bandwidth

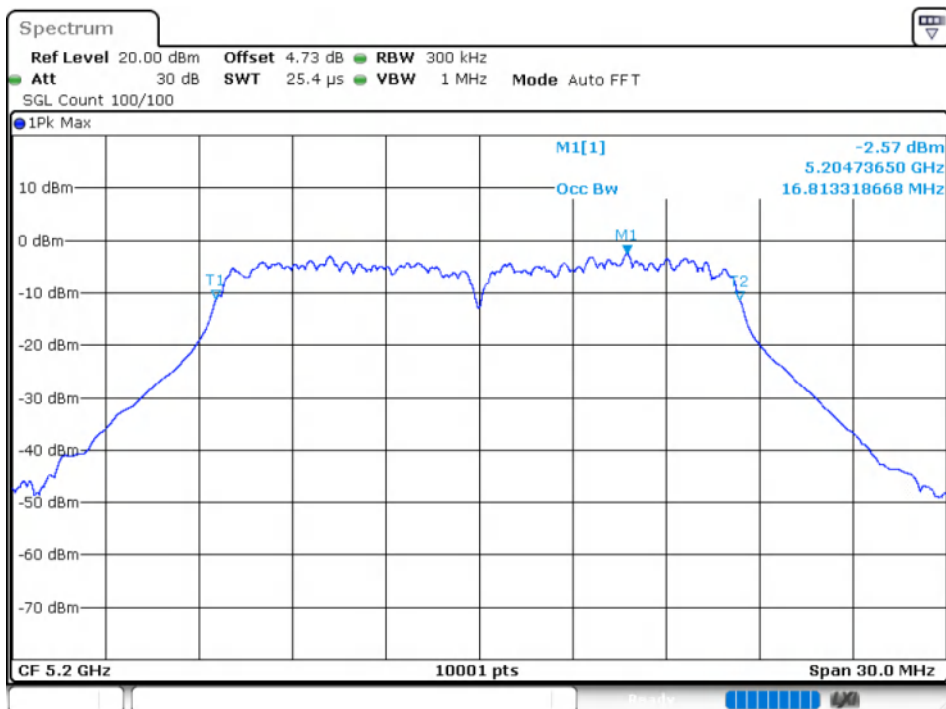
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.579
NVNT	a	5200	Ant1	16.813
NVNT	a	5240	Ant1	16.531
NVNT	a	5180	Ant2	16.738
NVNT	a	5200	Ant2	16.642
NVNT	a	5240	Ant2	16.816
NVNT	n20	5180	Ant1	17.722
NVNT	n20	5200	Ant1	17.62
NVNT	n20	5240	Ant1	17.725
NVNT	n20	5180	Ant2	17.989
NVNT	n20	5200	Ant2	17.767
NVNT	n20	5240	Ant2	17.821
NVNT	n40	5190	Ant1	36.476
NVNT	n40	5230	Ant1	36.41
NVNT	n40	5190	Ant2	36.446
NVNT	n40	5230	Ant2	36.386
NVNT	ac20	5180	Ant1	17.8
NVNT	ac20	5200	Ant1	17.722
NVNT	ac20	5240	Ant1	17.818
NVNT	ac20	5180	Ant2	17.983
NVNT	ac20	5200	Ant2	17.764
NVNT	ac20	5240	Ant2	17.77
NVNT	ac40	5190	Ant1	36.464
NVNT	ac40	5230	Ant1	36.374
NVNT	ac40	5190	Ant2	36.464
NVNT	ac40	5230	Ant2	36.092
NVNT	ac80	5210	Ant1	75.748
NVNT	ac80	5210	Ant2	75.688

Test Graphs

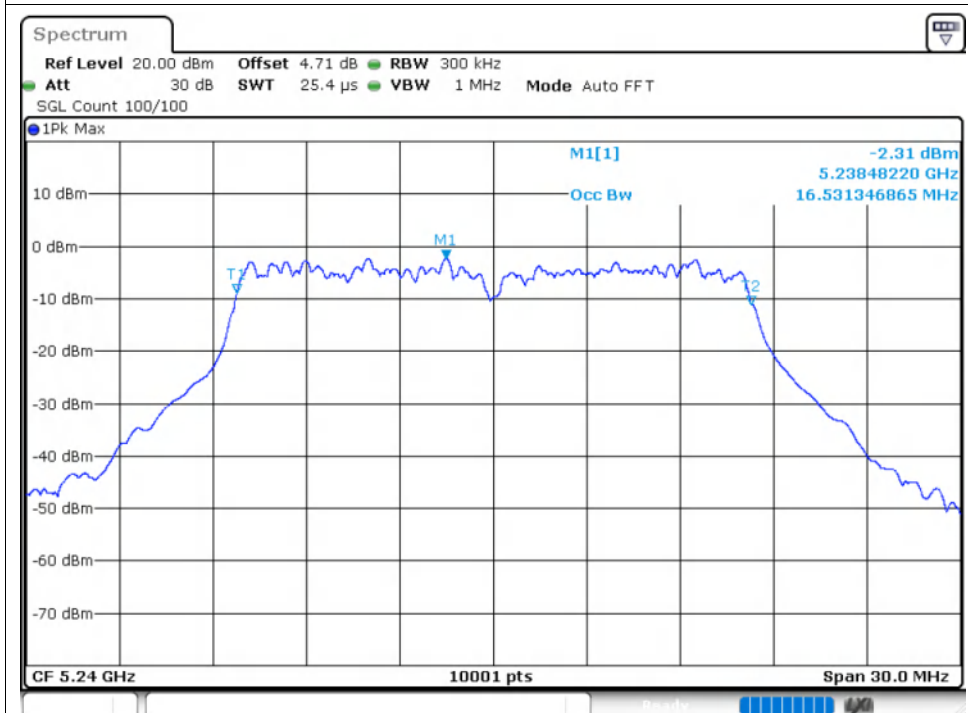
OBW NVNT a 5180MHz Ant1



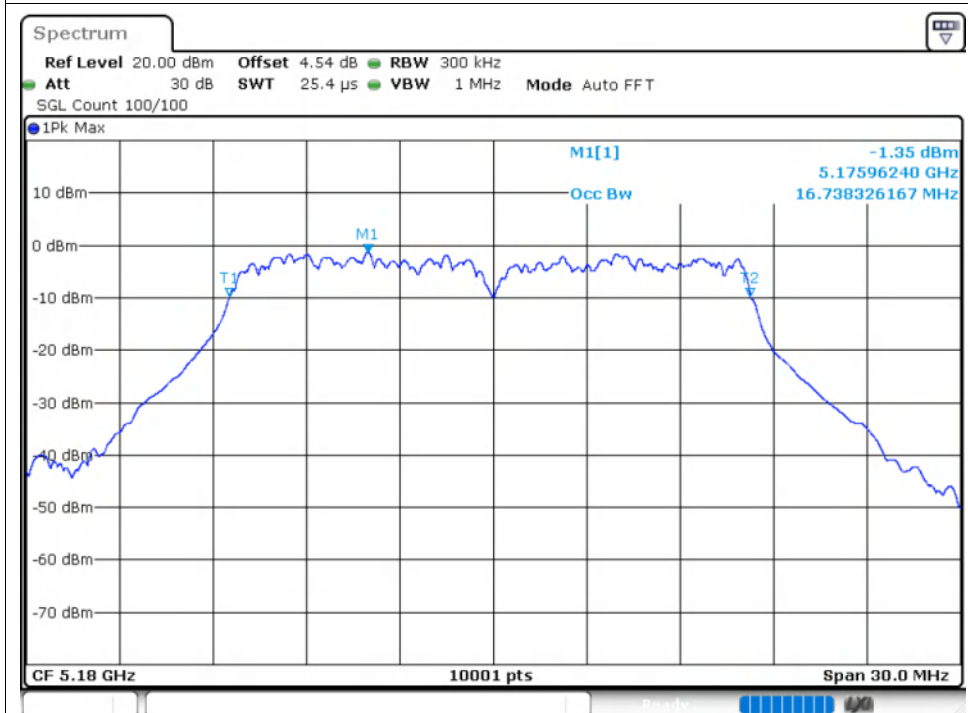
OBW NVNT a 5200MHz Ant1

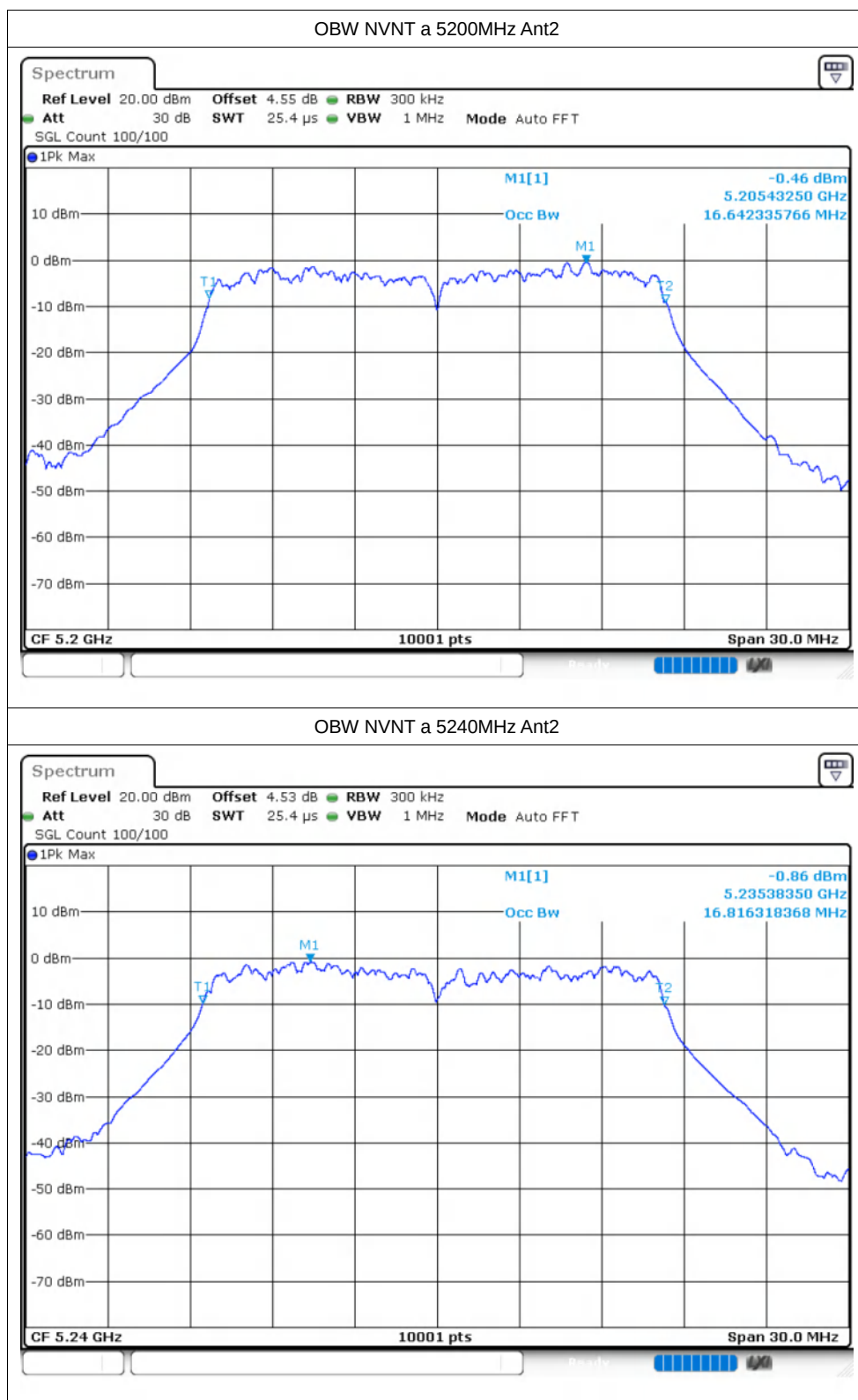


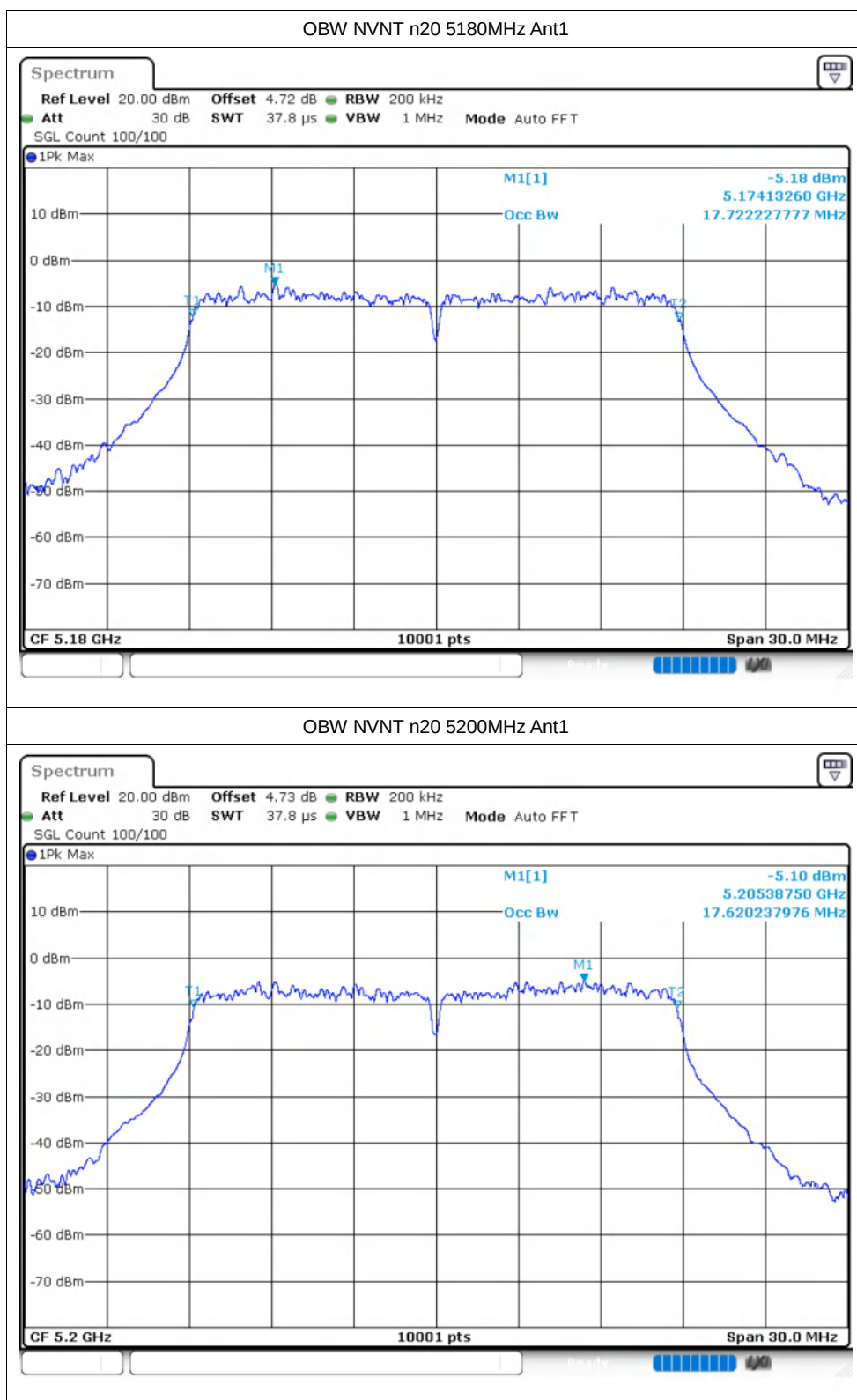
OBW NVNT a 5240MHz Ant1

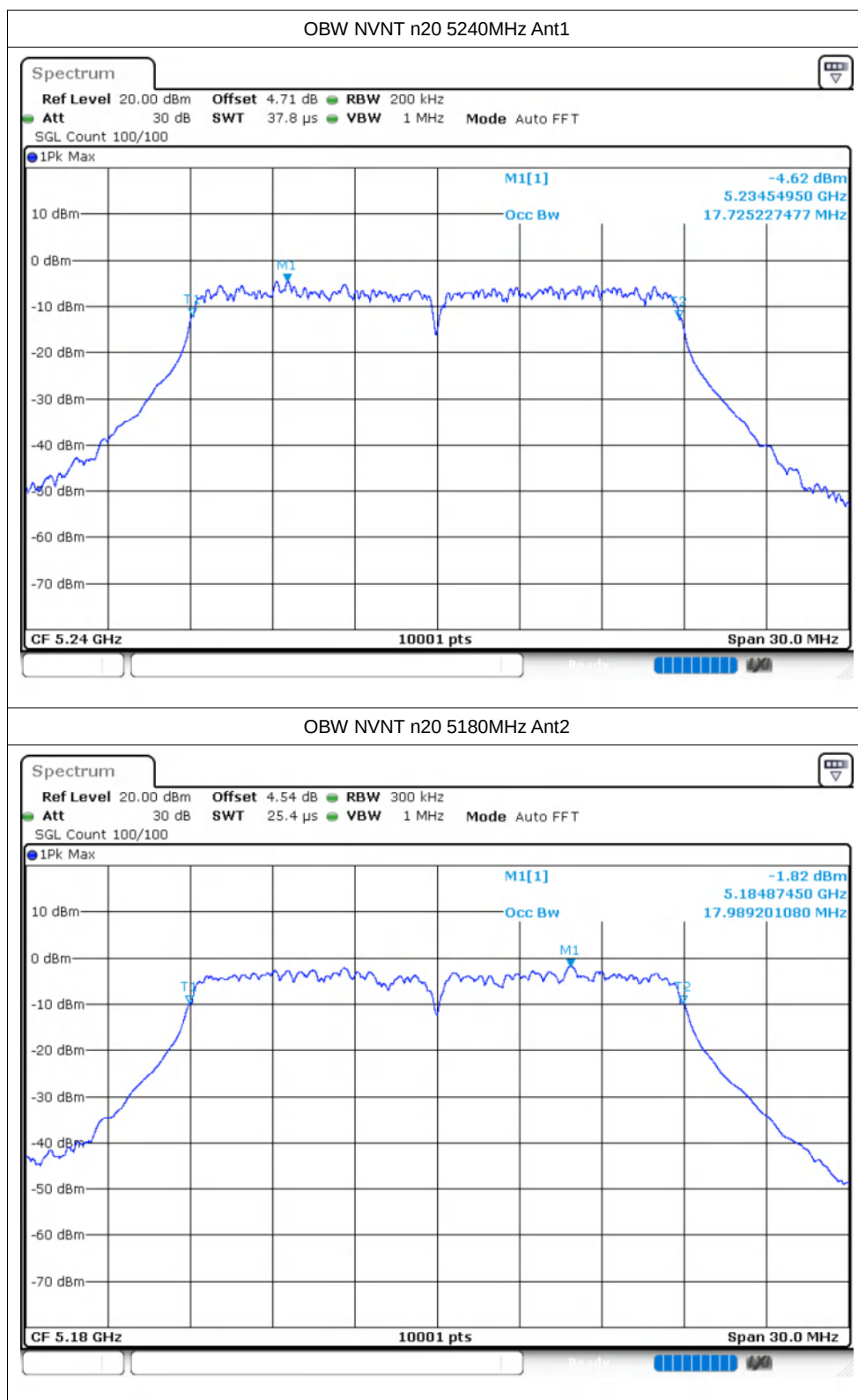


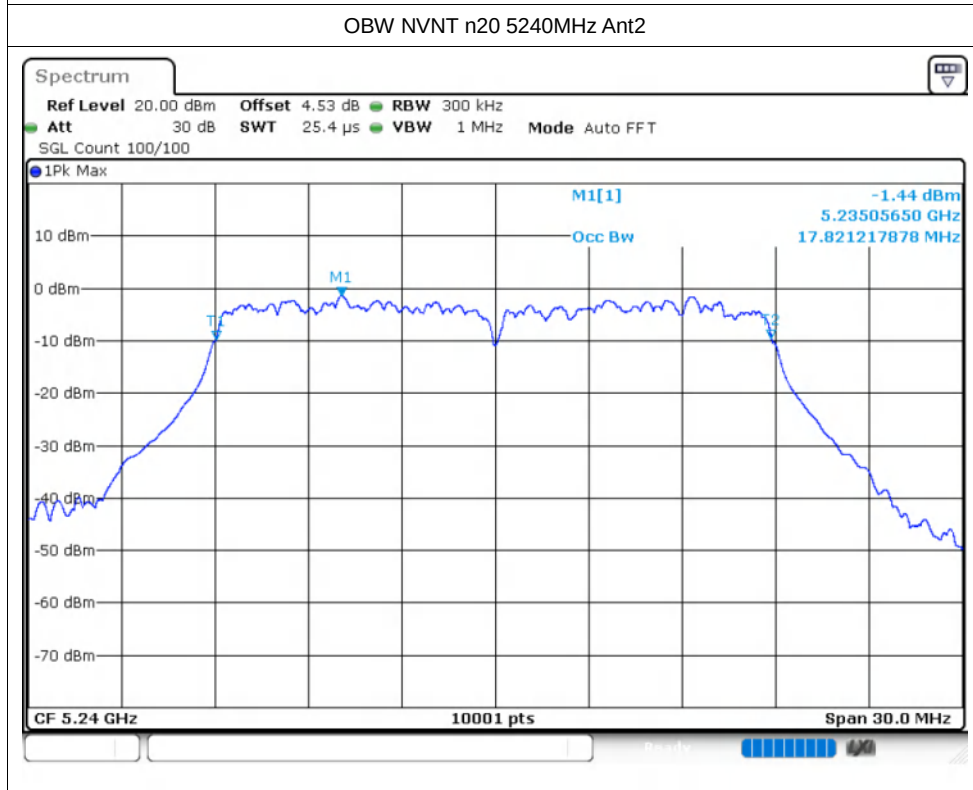
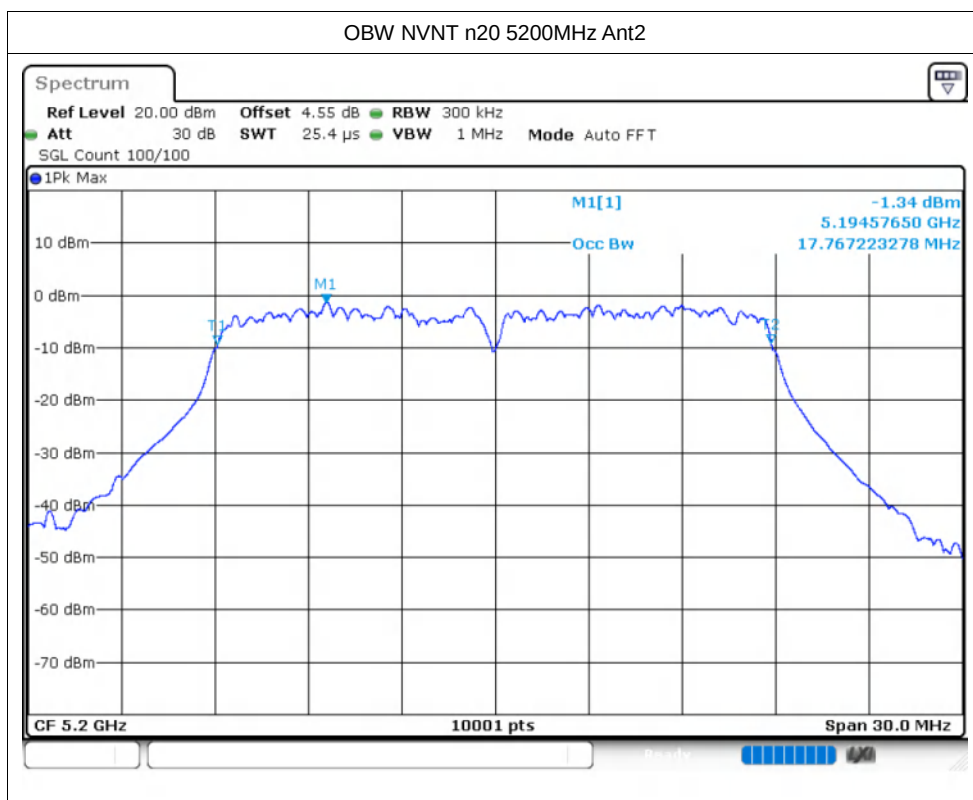
OBW NVNT a 5180MHz Ant2

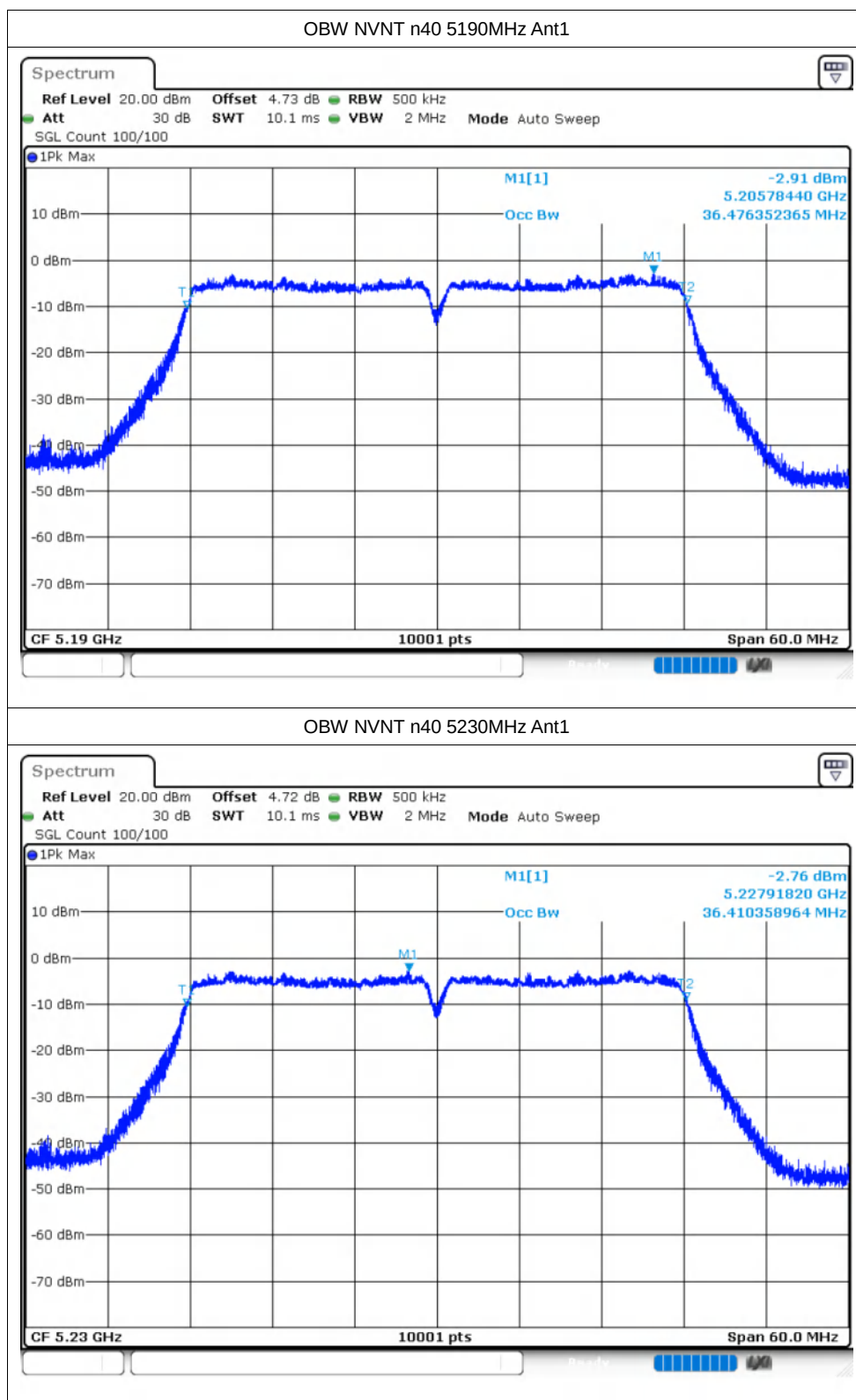


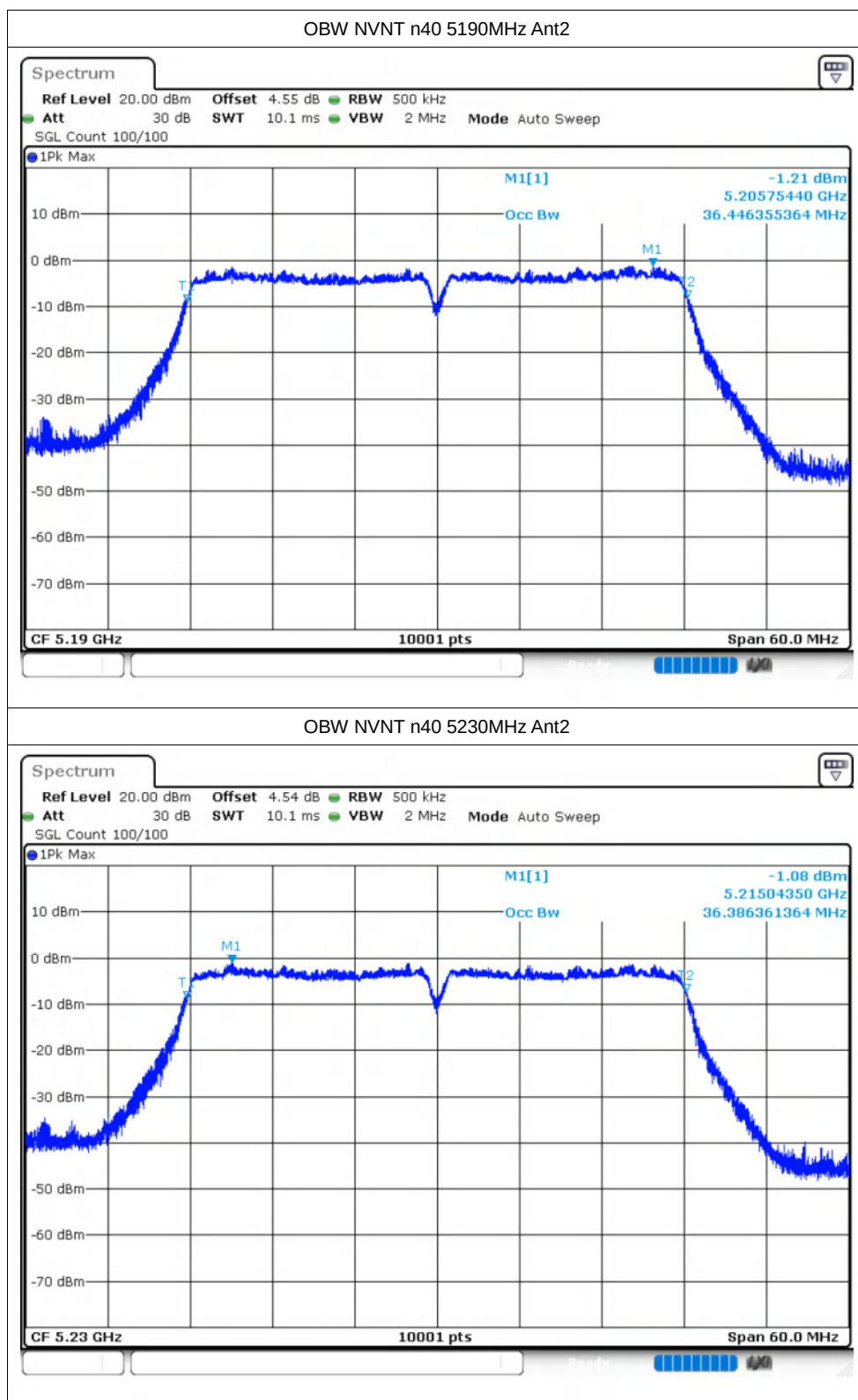


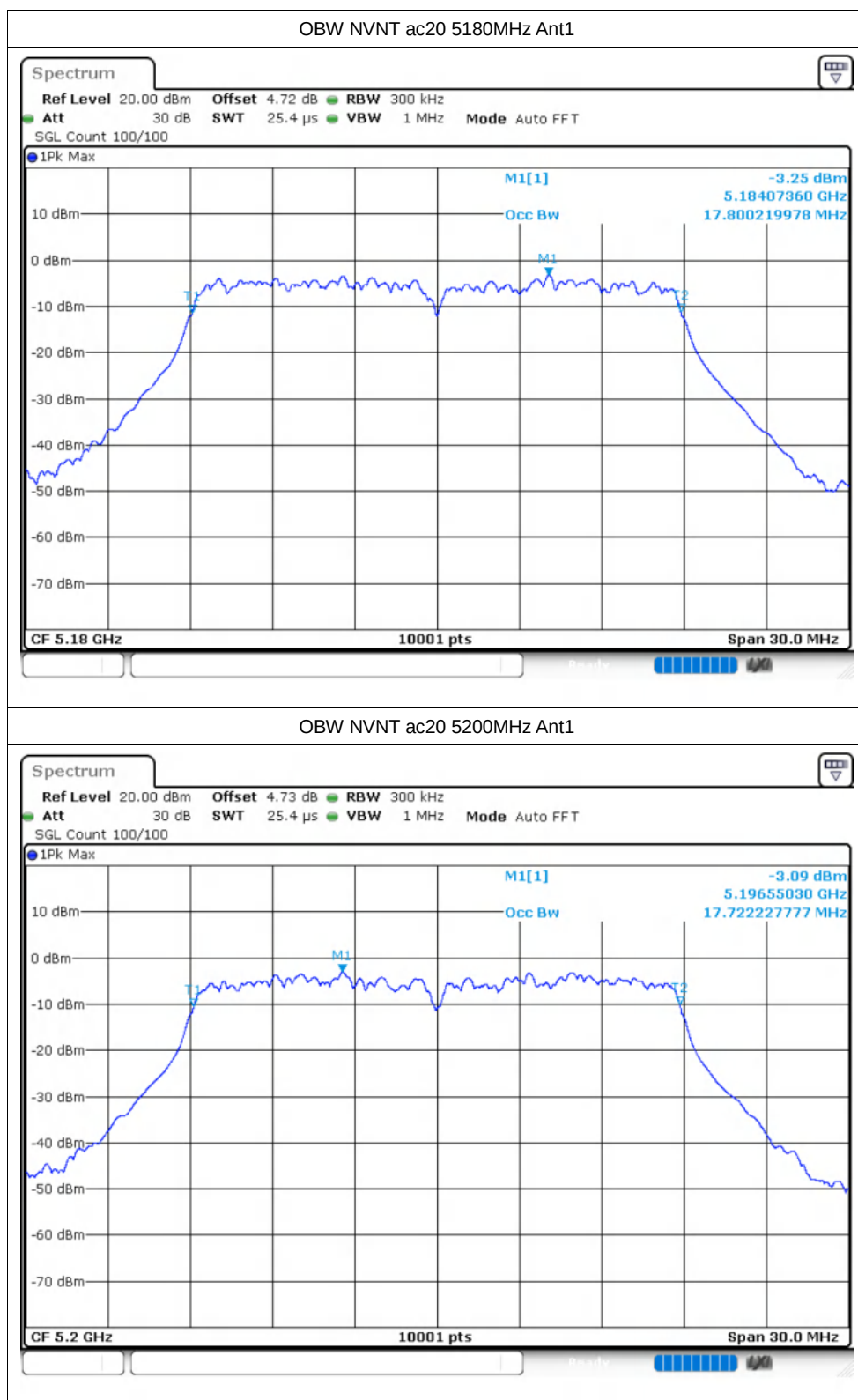


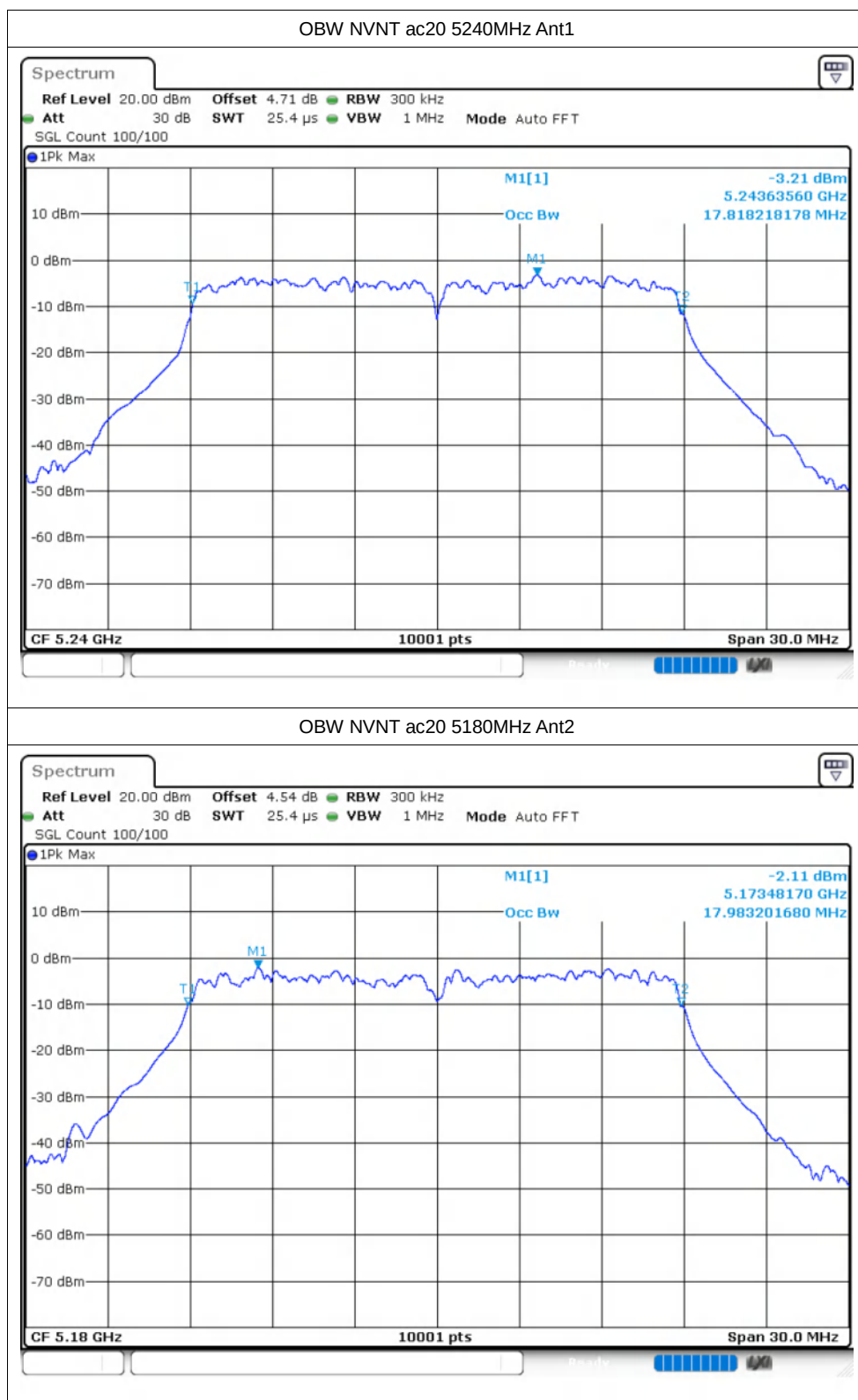


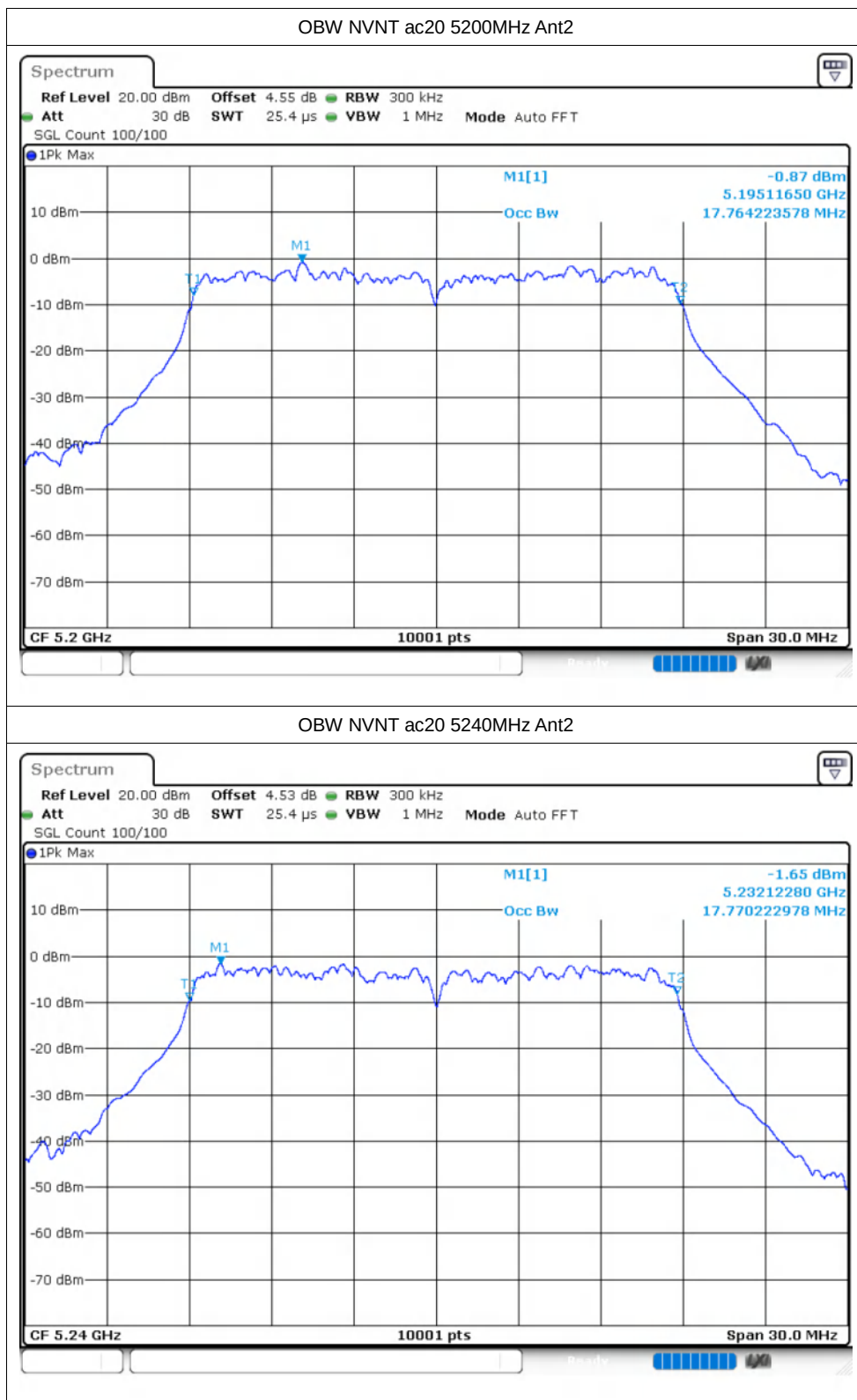


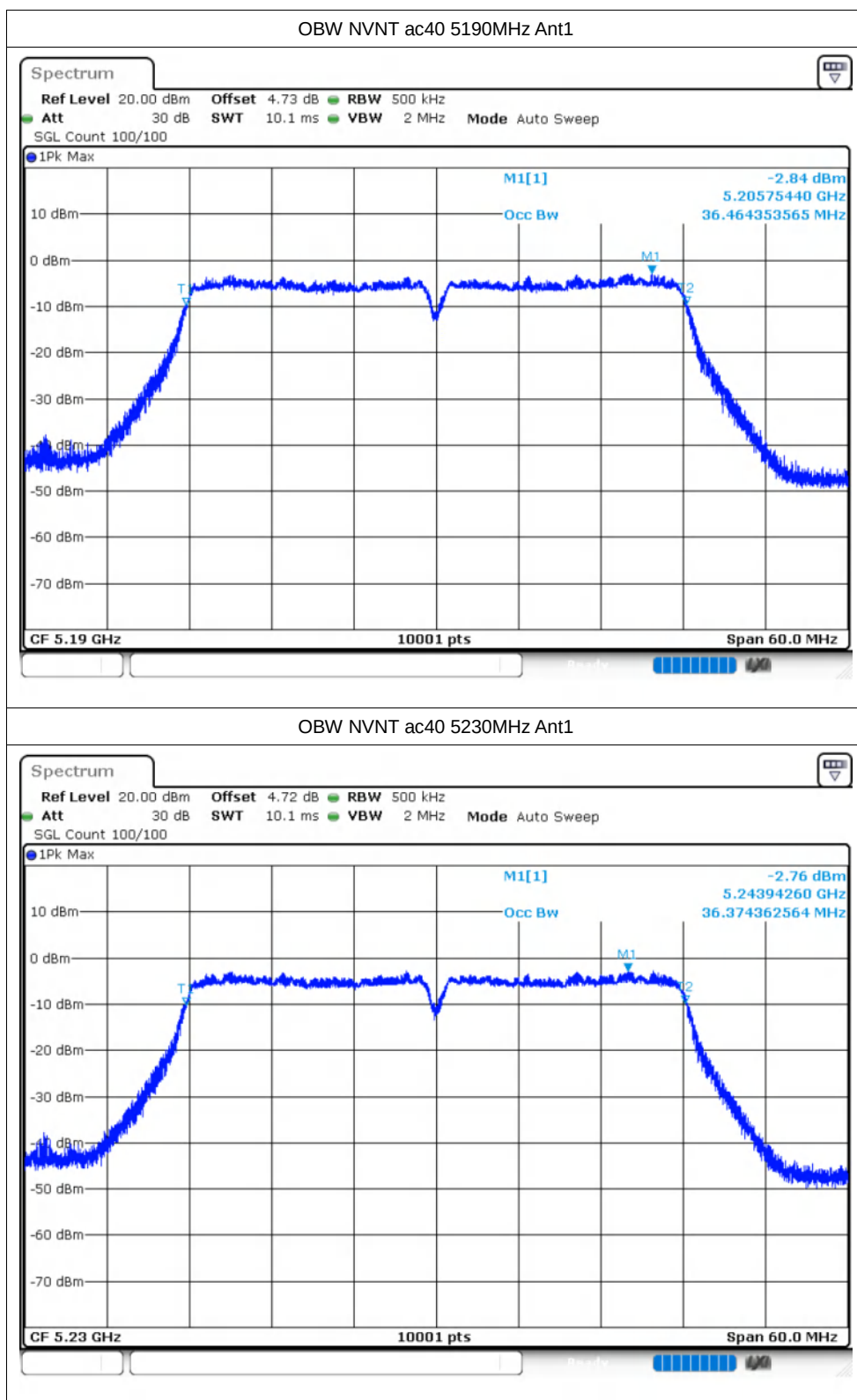


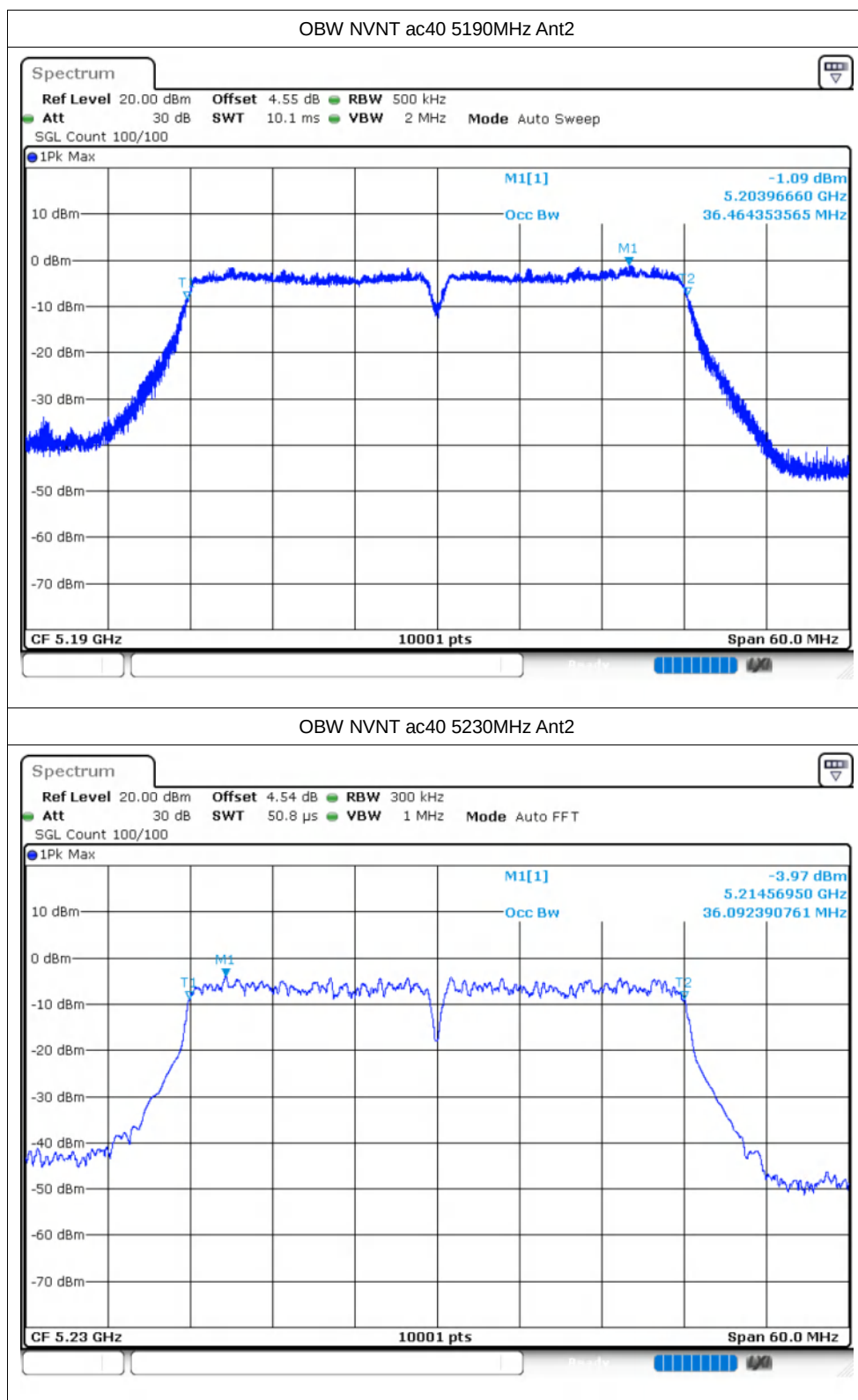


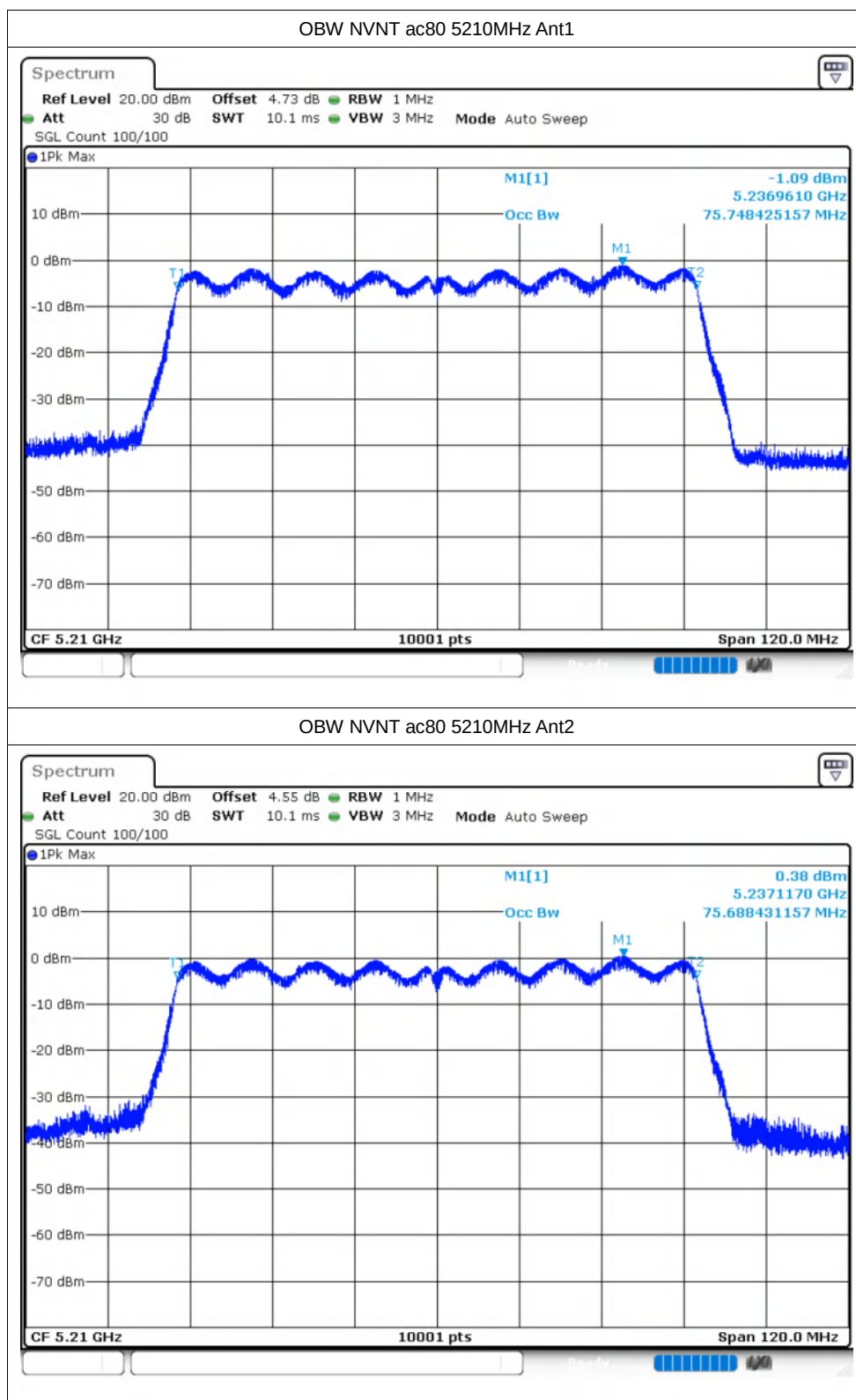










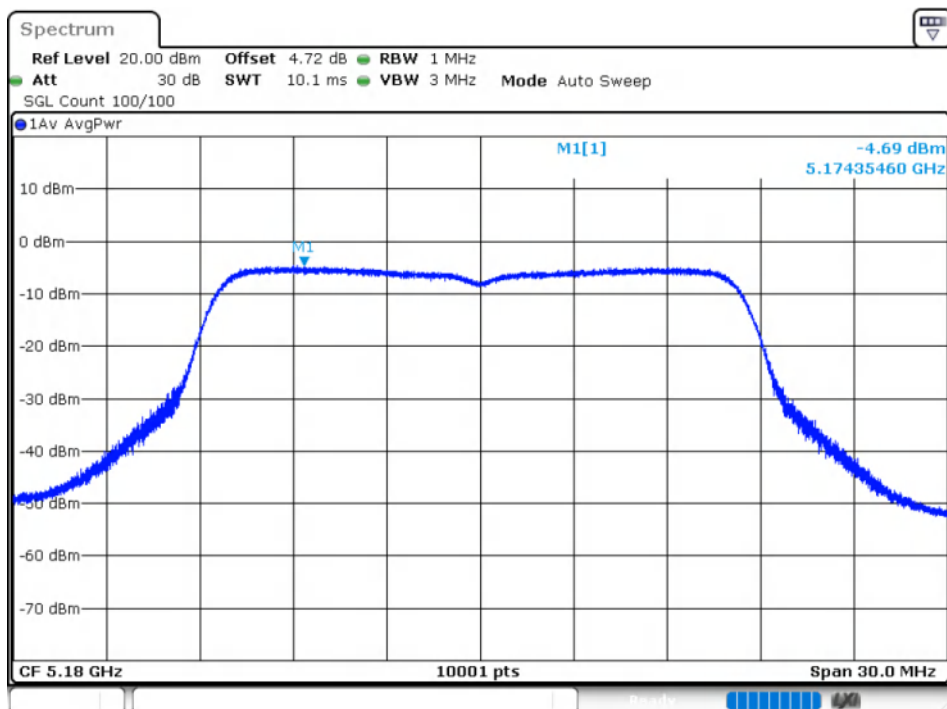


Maximum Power Spectral Density Level

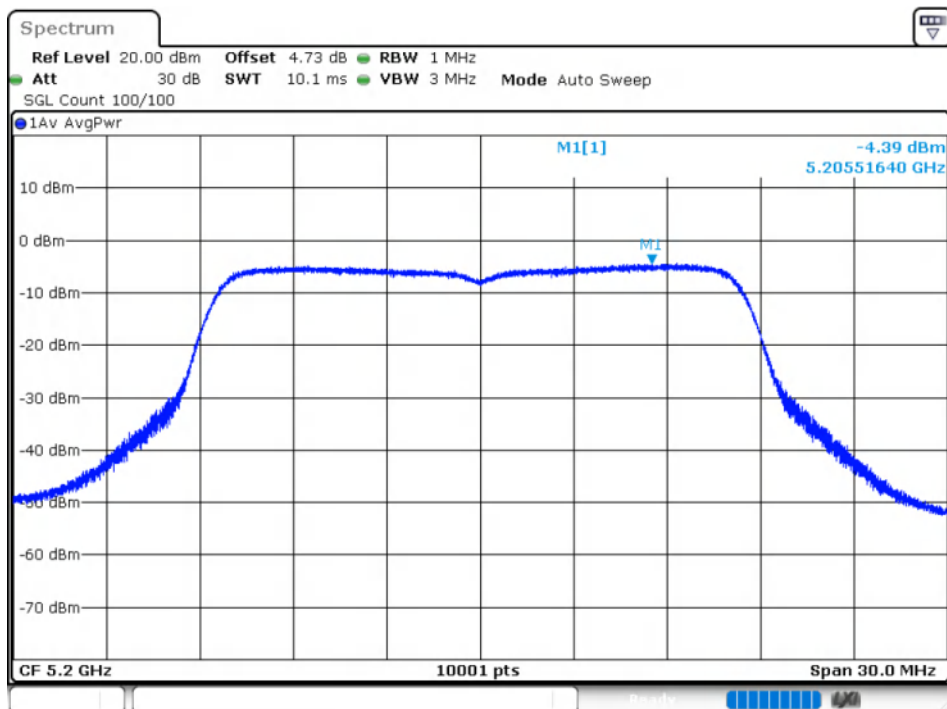
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-4.69	0	-4.69	11	Pass
NVNT	a	5200	Ant1	-4.39	0	-4.39	11	Pass
NVNT	a	5240	Ant1	-4.74	0	-4.74	11	Pass
NVNT	a	5180	Ant2	-3.11	0	-3.11	11	Pass
NVNT	a	5200	Ant2	-2.62	0	-2.62	11	Pass
NVNT	a	5240	Ant2	-2.75	0	-2.75	11	Pass
NVNT	n20	5180	Ant1	-5.61	0	-5.61	11	Pass
NVNT	n20	5200	Ant1	-5.23	0	-5.23	11	Pass
NVNT	n20	5240	Ant1	-5.07	0	-5.07	11	Pass
NVNT	n20	5180	Ant2	-3.41	0	-3.41	11	Pass
NVNT	n20	5200	Ant2	-3.05	0	-3.05	11	Pass
NVNT	n20	5240	Ant2	-3.08	0	-3.08	11	Pass
NVNT	n40	5190	Ant1	-8.04	0	-8.04	11	Pass
NVNT	n40	5230	Ant1	-8.04	0	-8.04	11	Pass
NVNT	n40	5190	Ant2	-5.87	0	-5.87	11	Pass
NVNT	n40	5230	Ant2	-5.91	0	-5.91	11	Pass
NVNT	ac20	5180	Ant1	-5.04	0	-5.04	11	Pass
NVNT	ac20	5200	Ant1	-4.66	0	-4.66	11	Pass
NVNT	ac20	5240	Ant1	-4.43	0	-4.43	11	Pass
NVNT	ac20	5180	Ant2	-3.43	0	-3.43	11	Pass
NVNT	ac20	5200	Ant2	-3.06	0	-3.06	11	Pass
NVNT	ac20	5240	Ant2	-3.07	0	-3.07	11	Pass
NVNT	ac40	5190	Ant1	-7.71	0	-7.71	11	Pass
NVNT	ac40	5230	Ant1	-7.51	0	-7.51	11	Pass
NVNT	ac40	5190	Ant2	-5.62	0	-5.62	11	Pass
NVNT	ac40	5230	Ant2	-5.98	0	-5.98	11	Pass
NVNT	ac80	5210	Ant1	-9.7	0	-9.7	11	Pass
NVNT	ac80	5210	Ant2	-7.96	0	-7.96	11	Pass

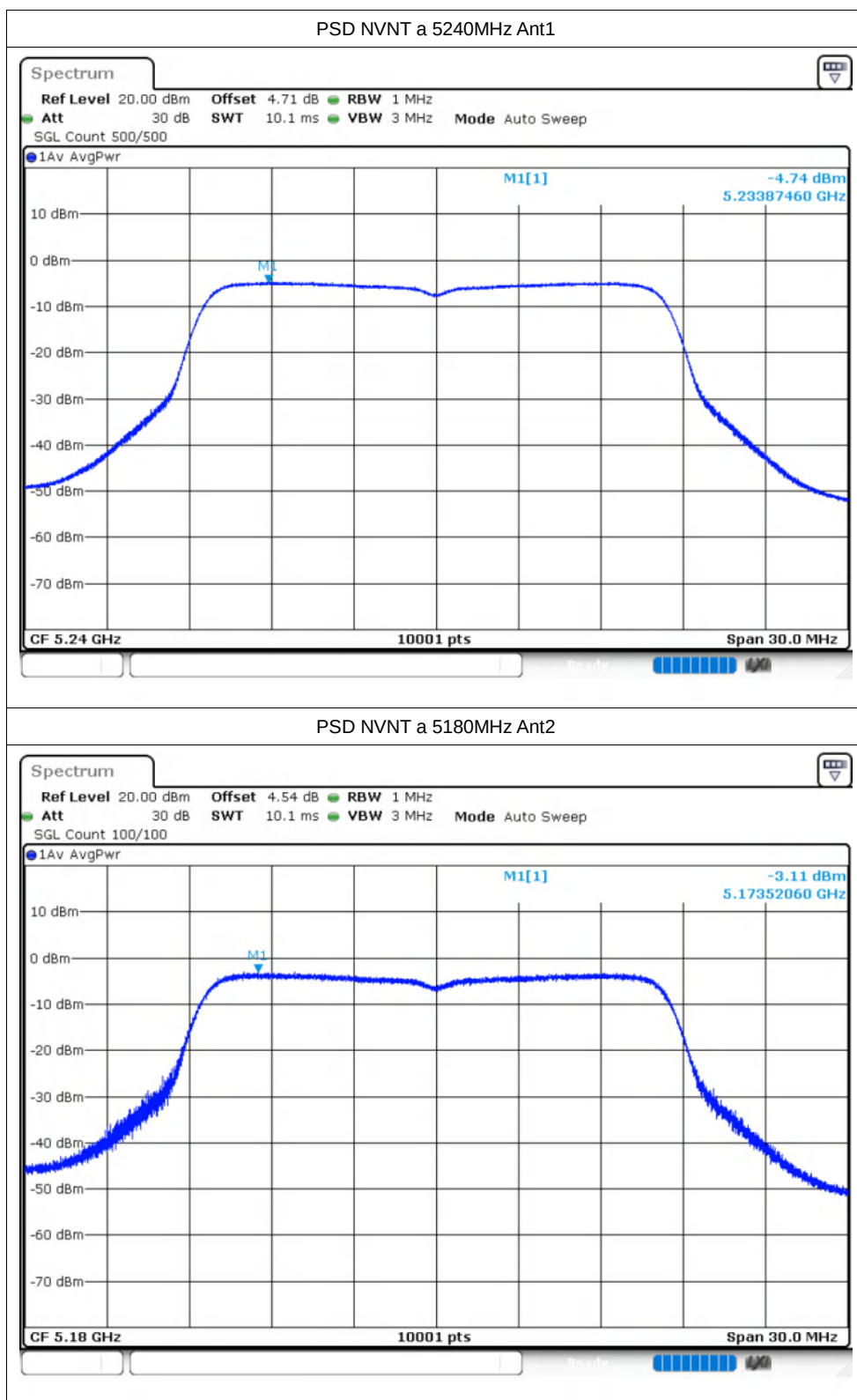
Test Graphs

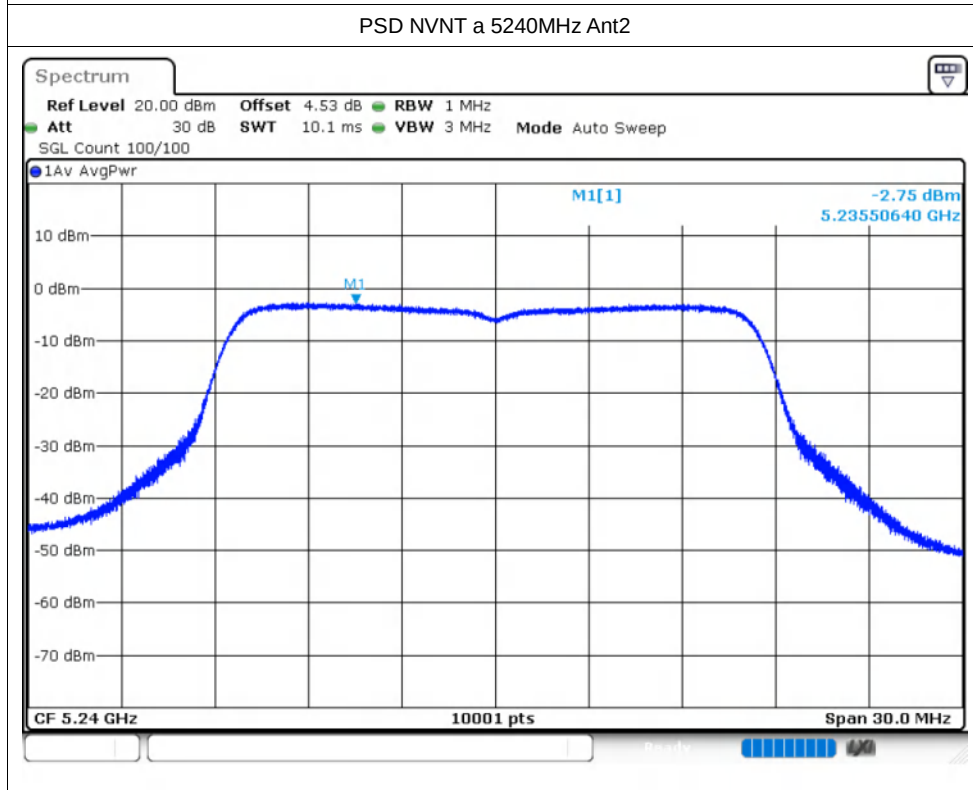
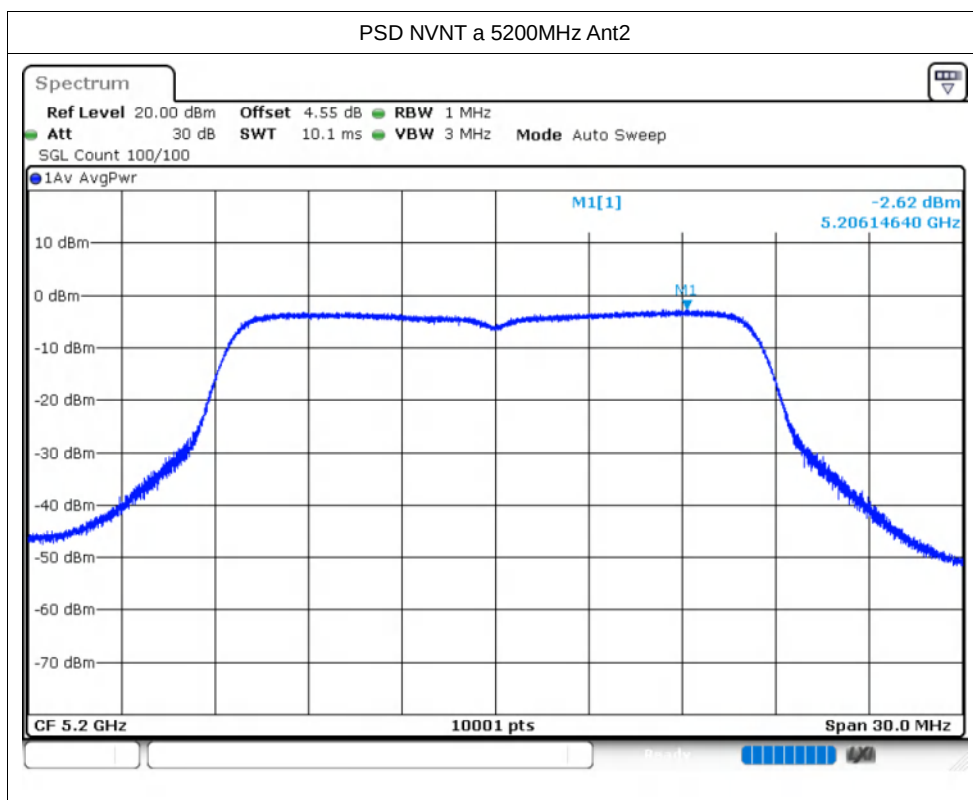
PSD NVNT a 5180MHz Ant1

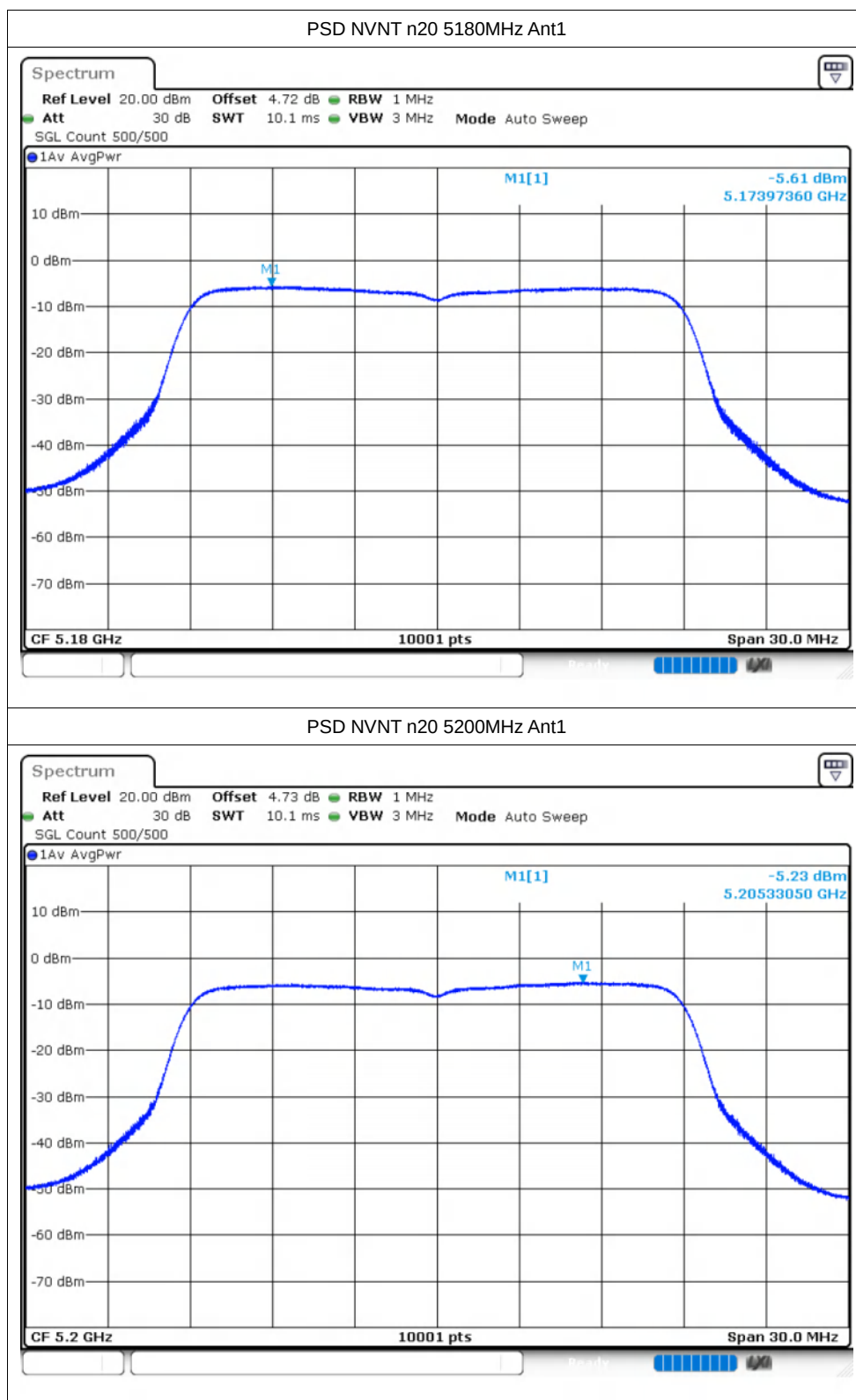


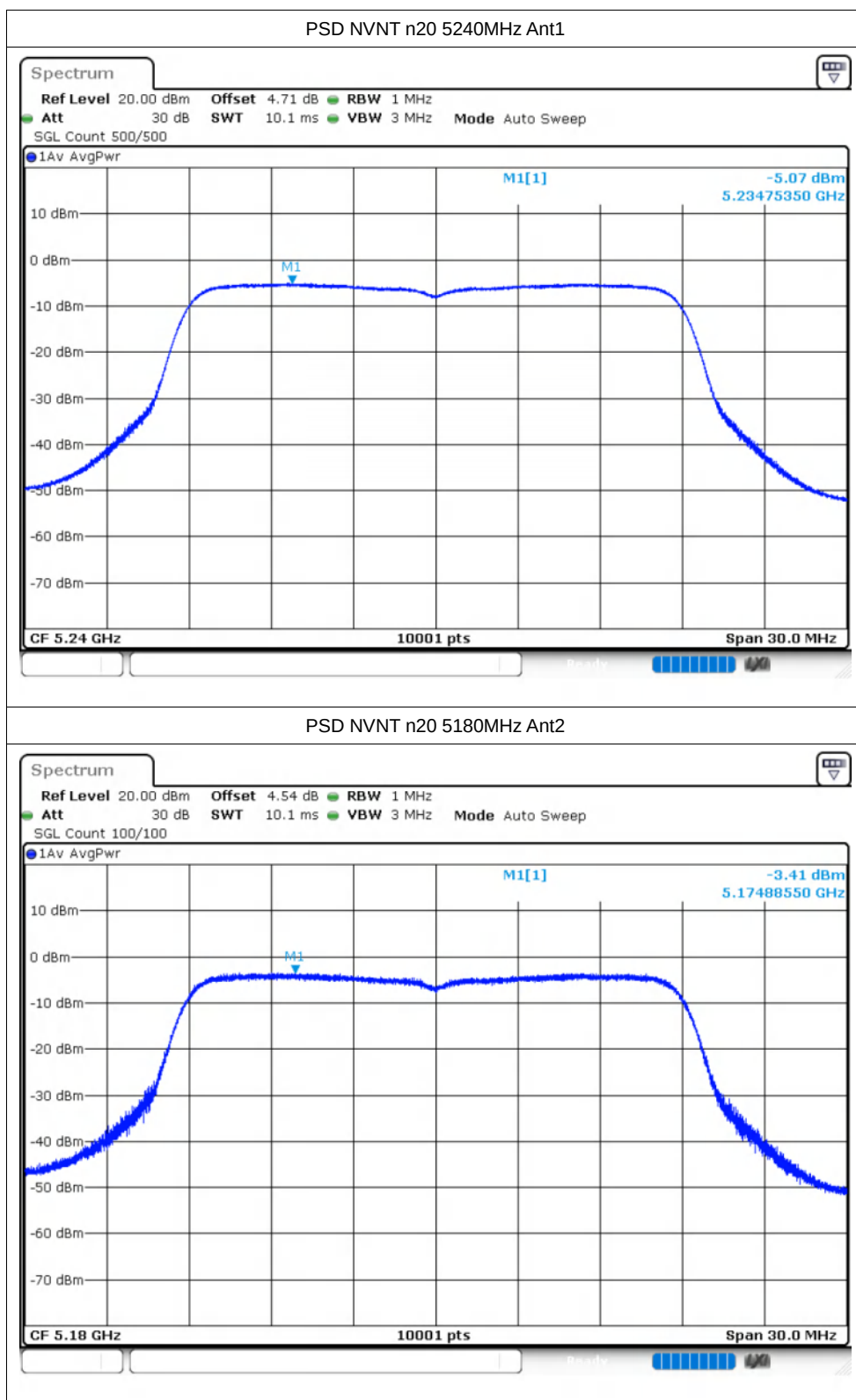
PSD NVNT a 5200MHz Ant1

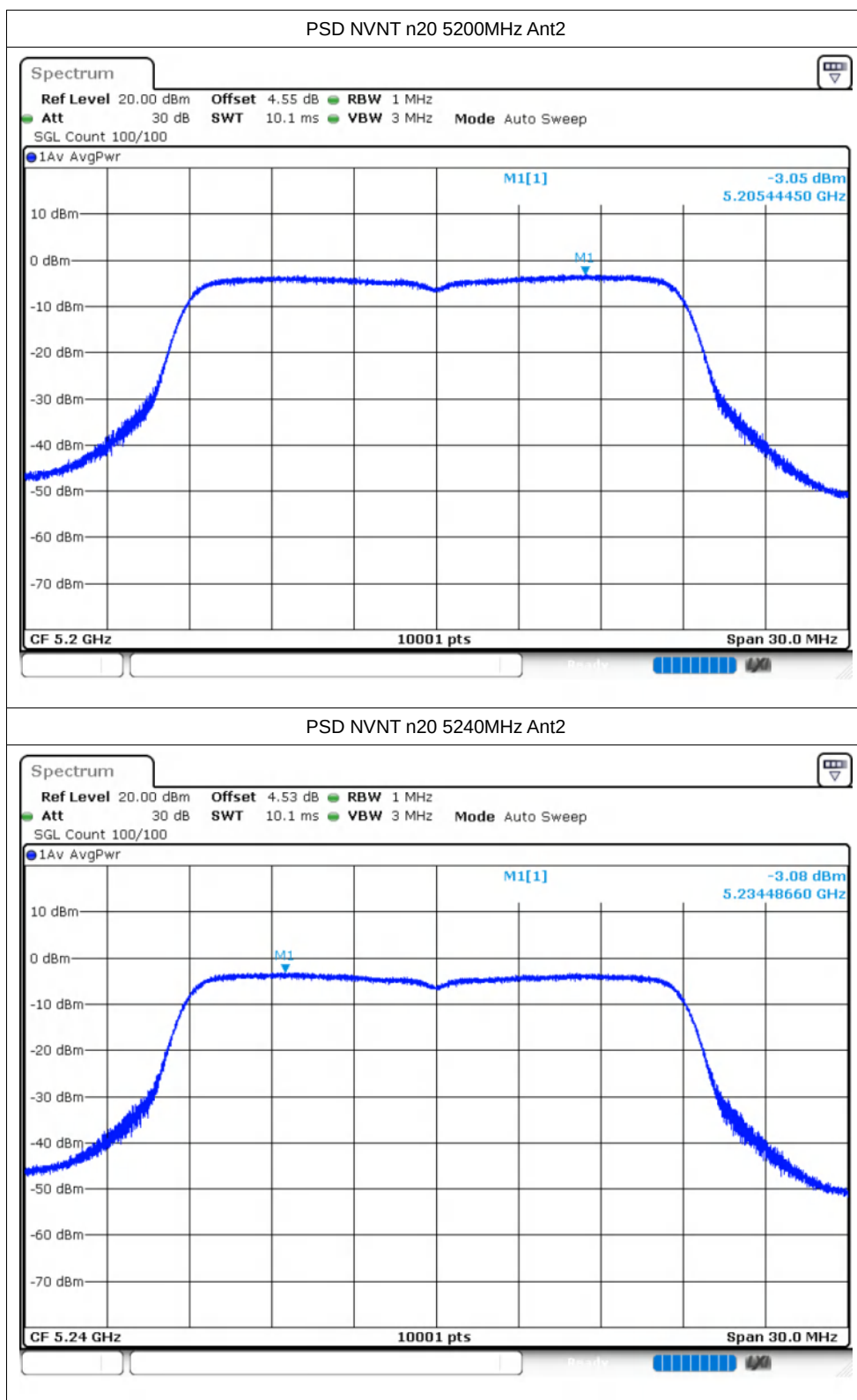


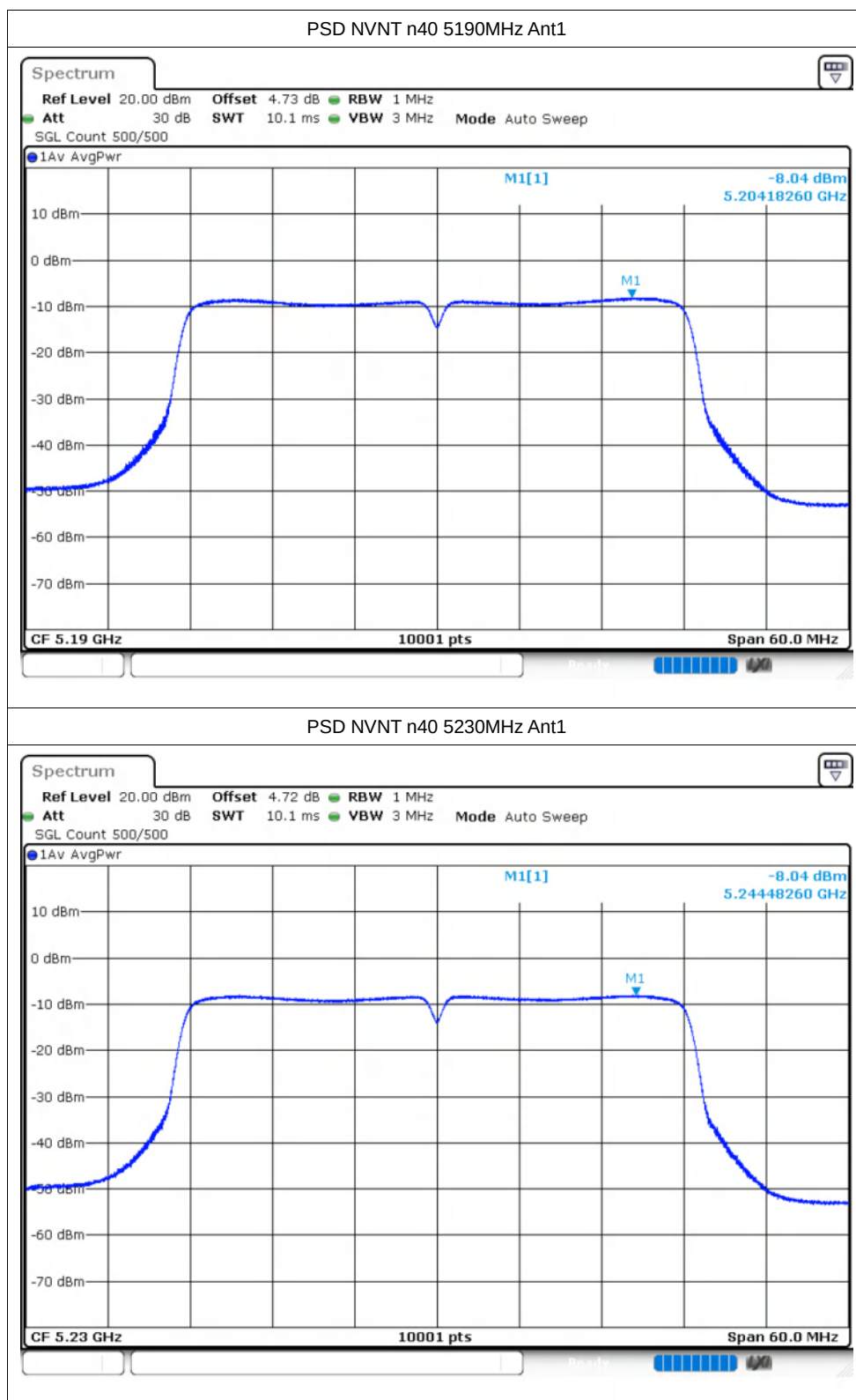


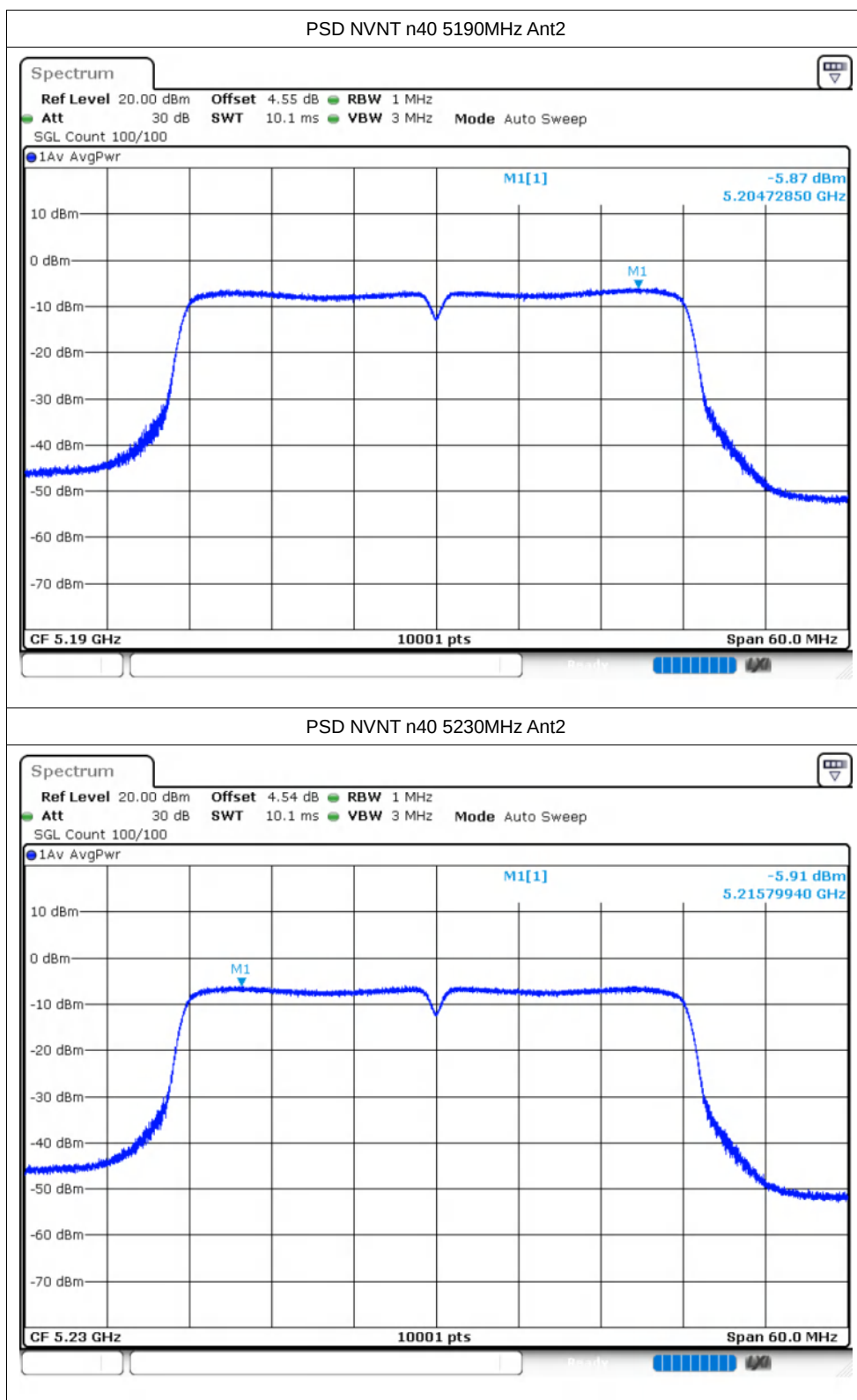


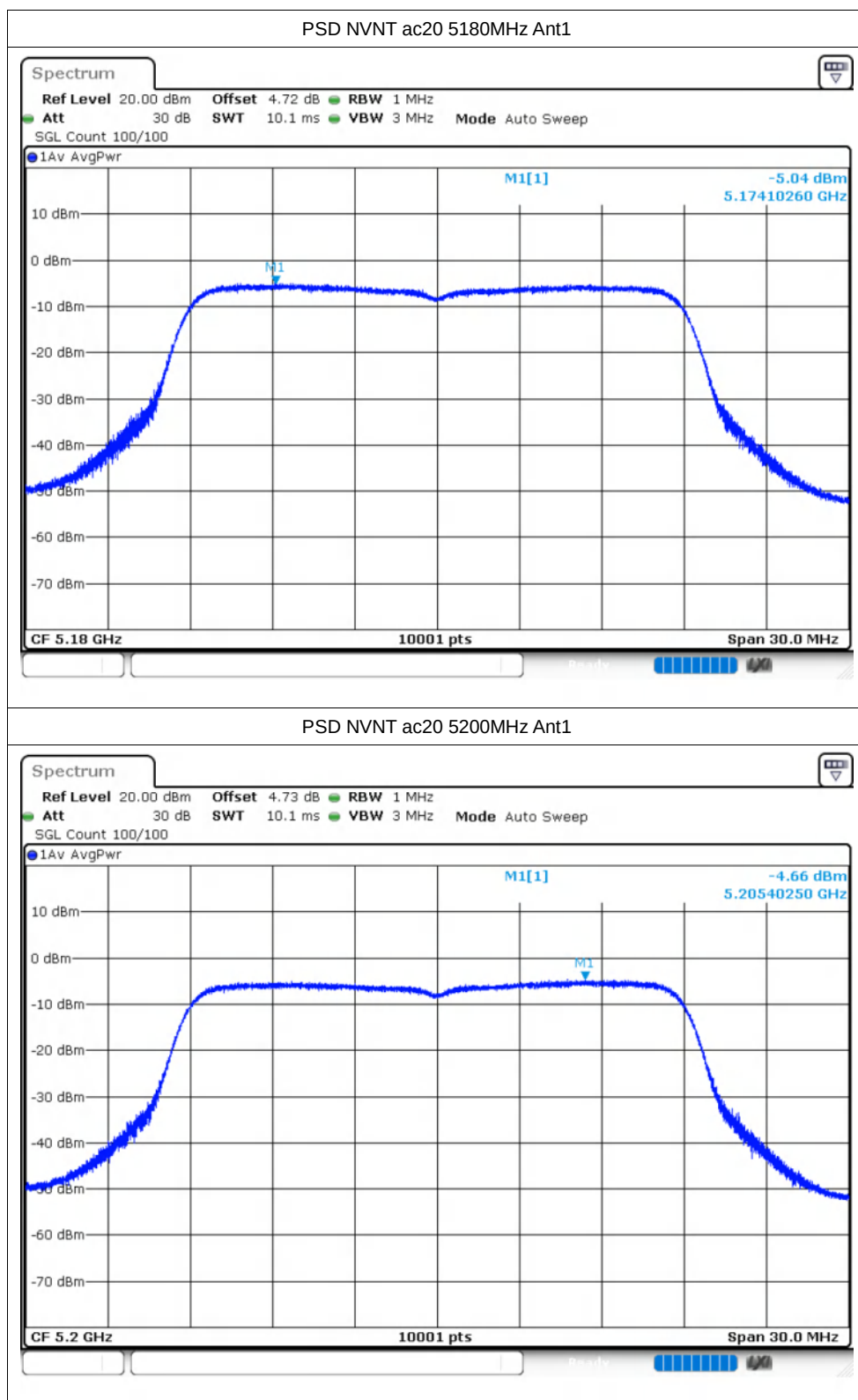


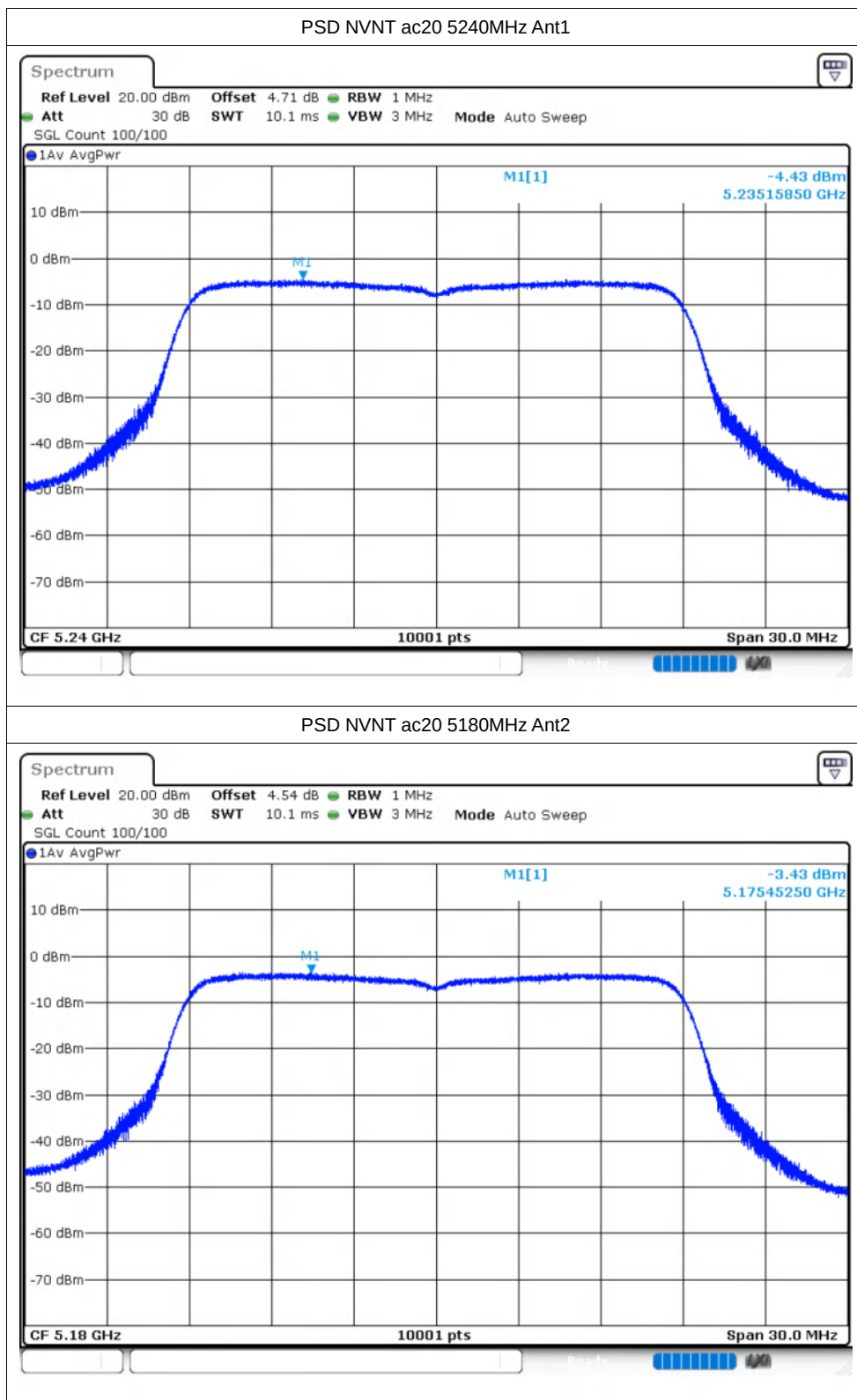


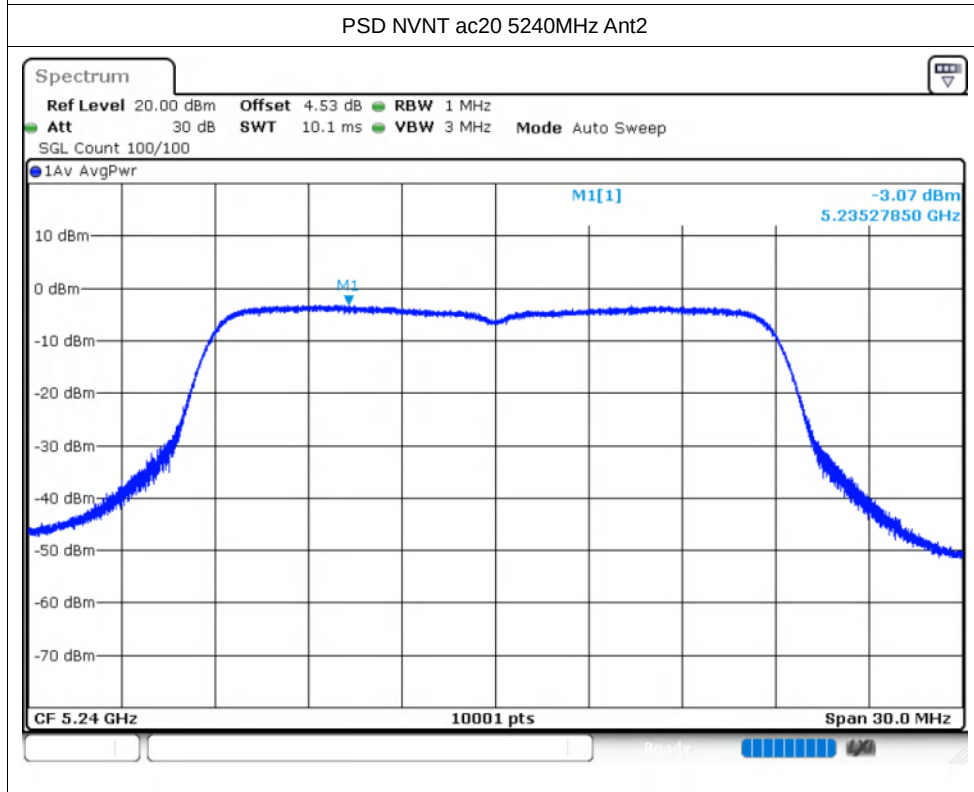
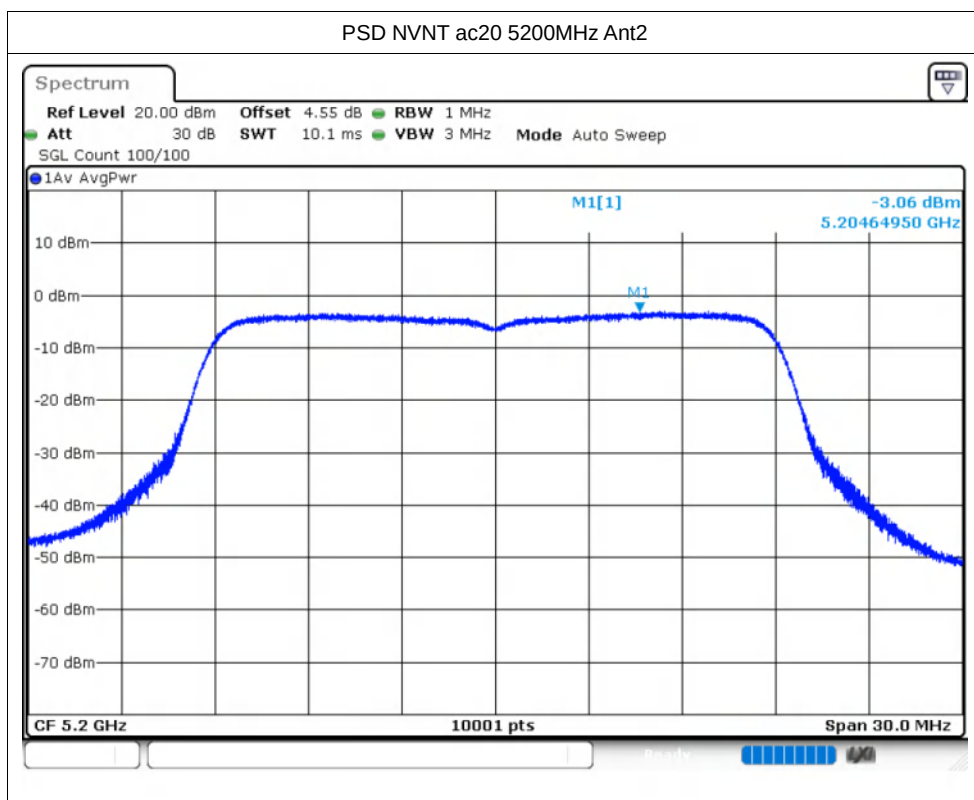


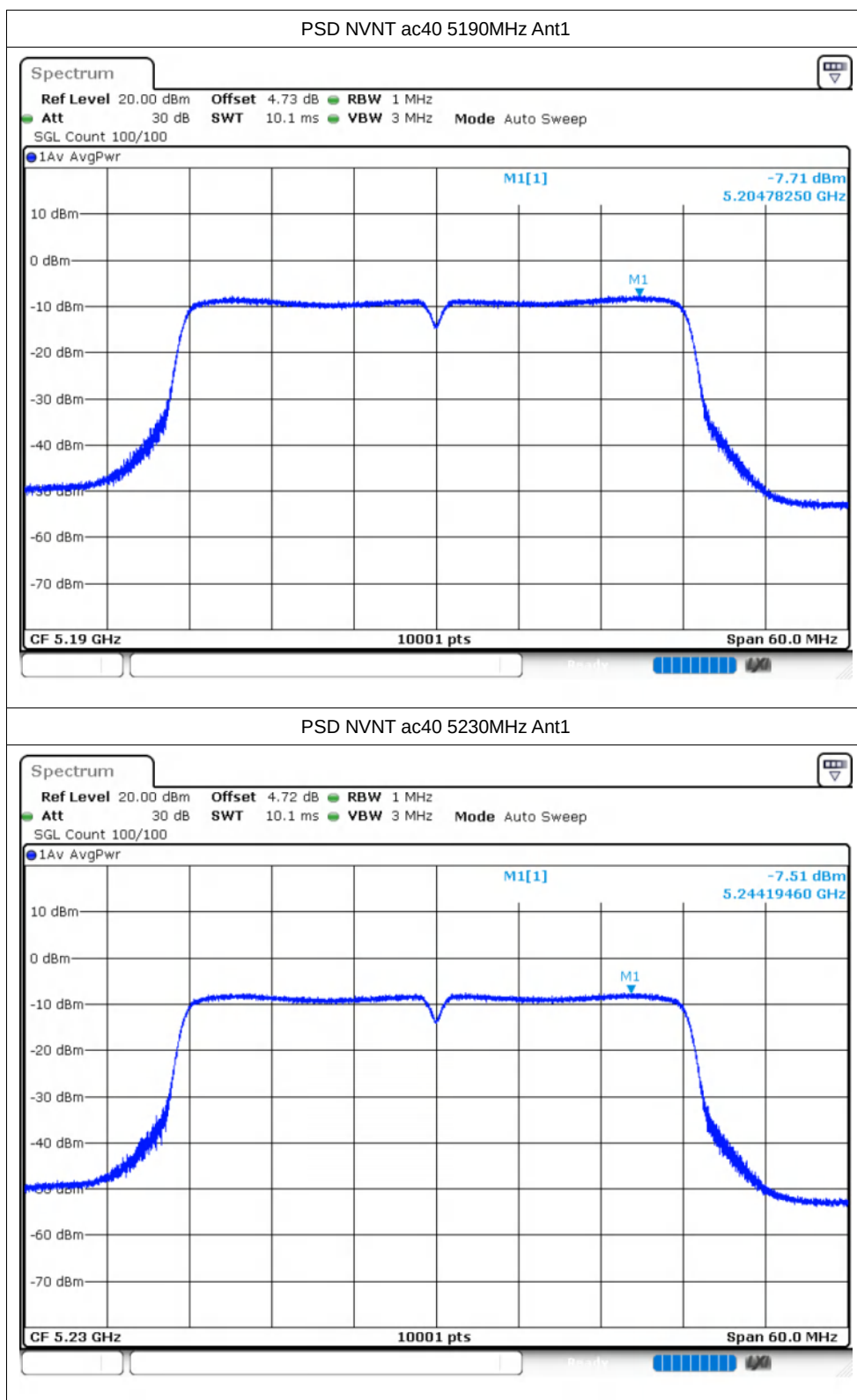


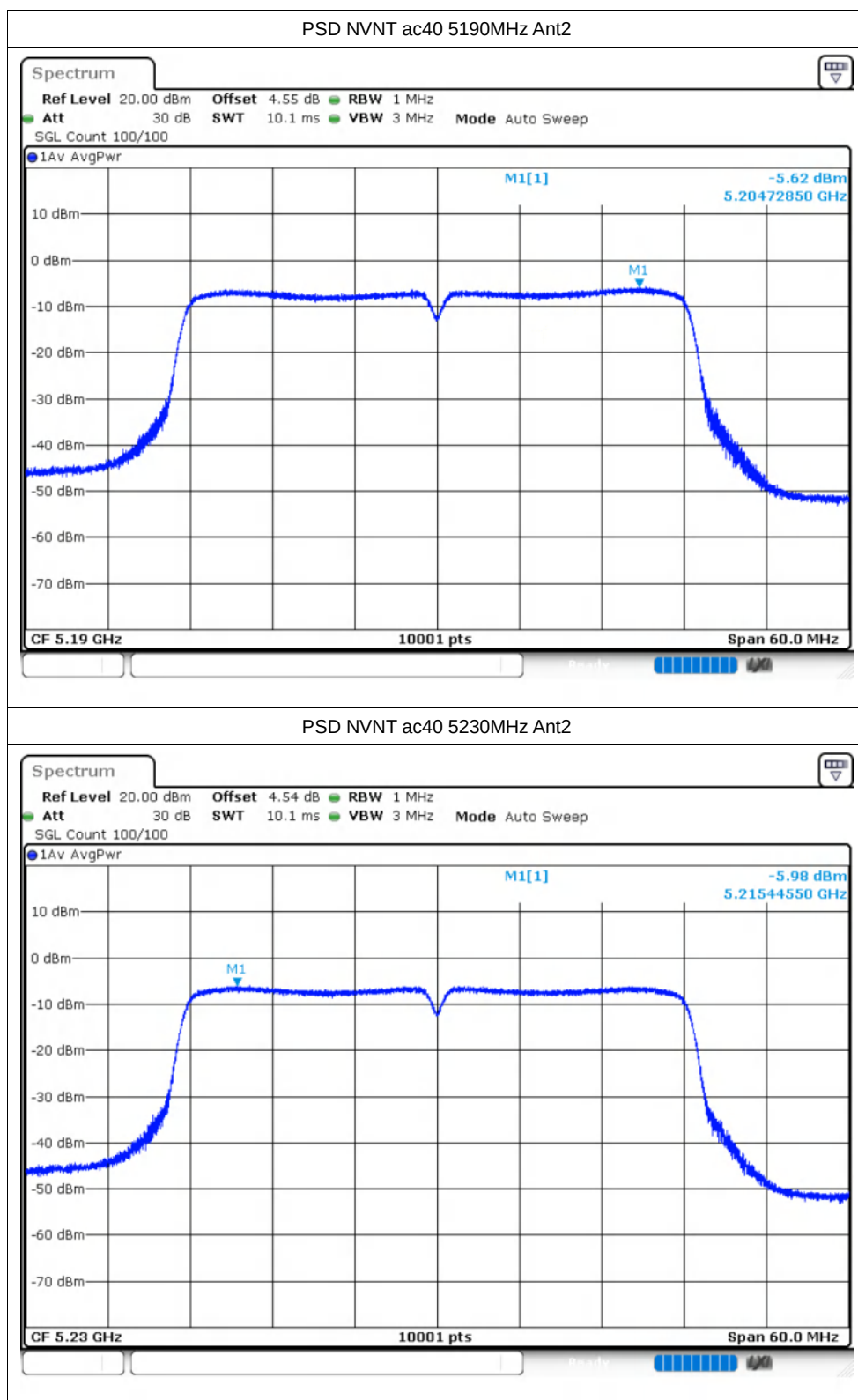


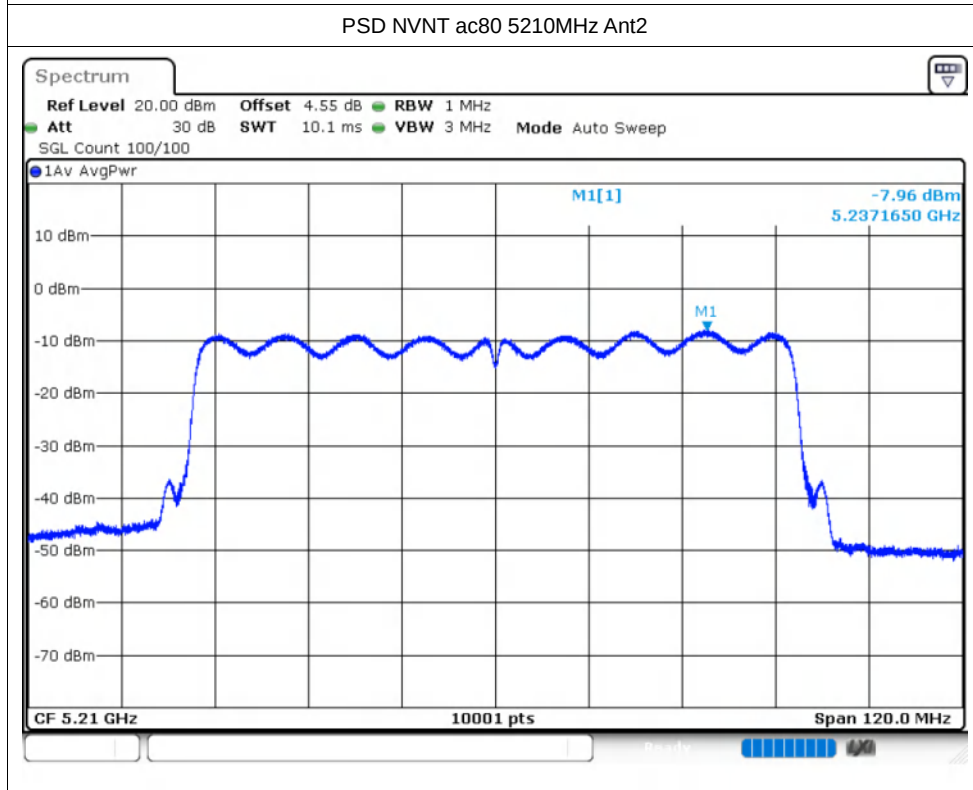
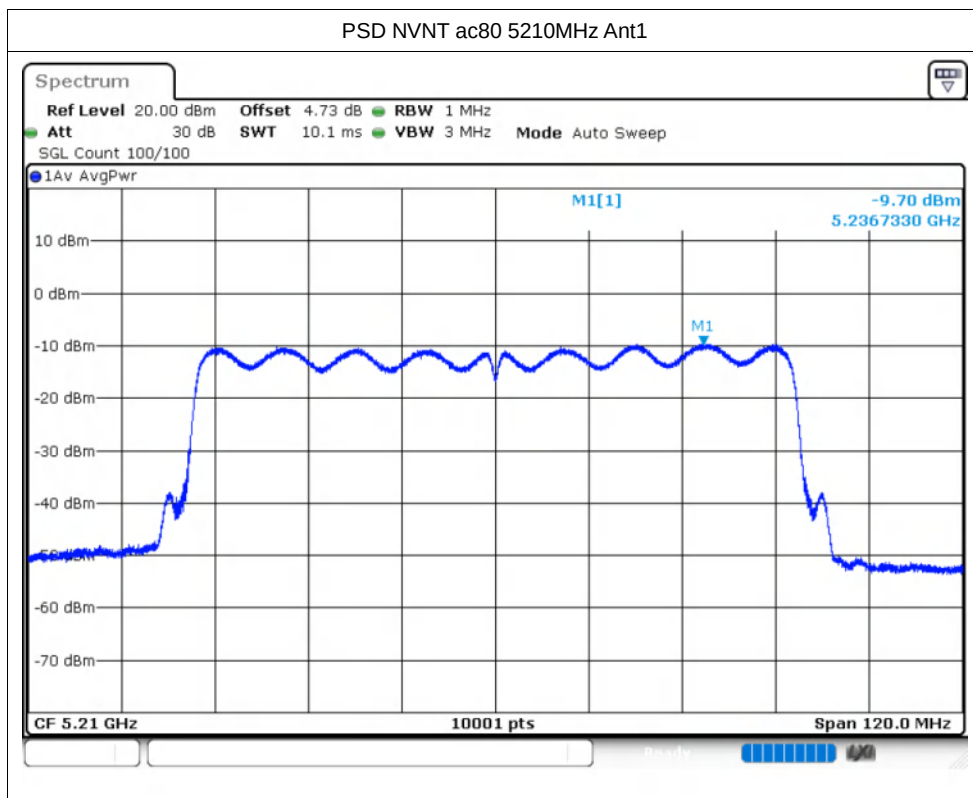










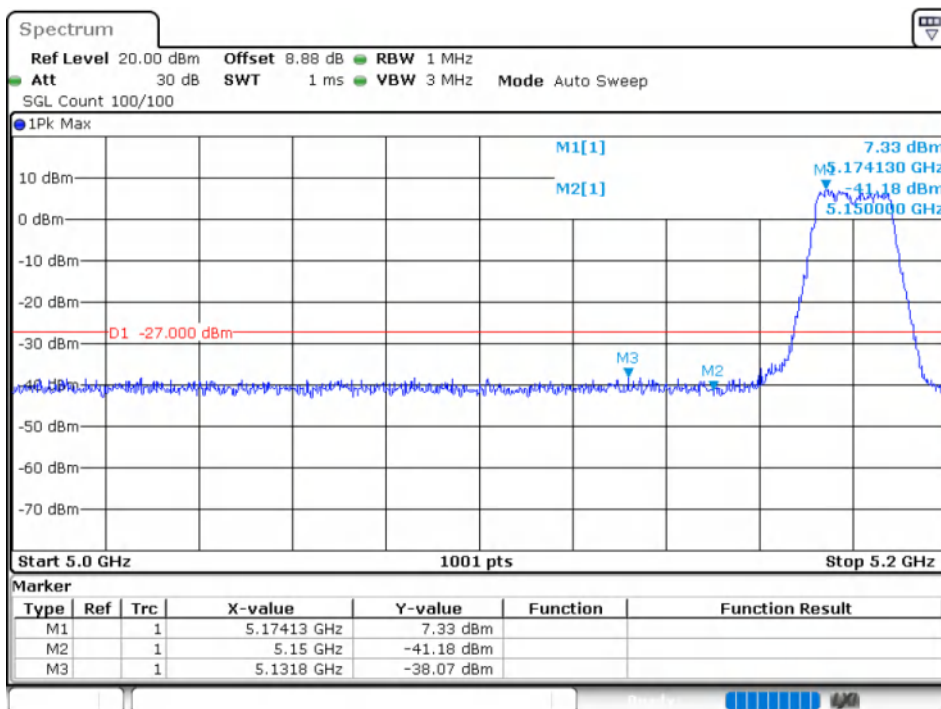


Band Edge

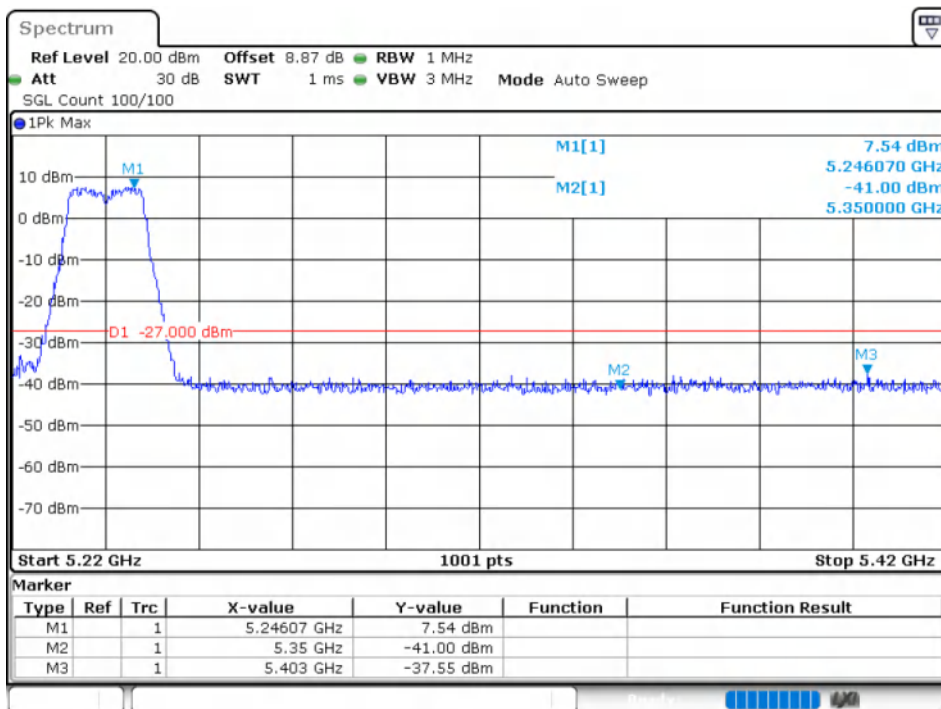
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-38.06	-27	Pass
NVNT	a	5240	Ant1	-37.55	-27	Pass
NVNT	a	5180	Ant2	-38.17	-27	Pass
NVNT	a	5240	Ant2	-37.89	-27	Pass
NVNT	n20	5180	Ant1	-38.19	-27	Pass
NVNT	n20	5240	Ant1	-38.21	-27	Pass
NVNT	n20	5180	Ant2	-38.04	-27	Pass
NVNT	n20	5240	Ant2	-38.65	-27	Pass
NVNT	n40	5190	Ant1	-35.39	-27	Pass
NVNT	n40	5230	Ant1	-36.91	-27	Pass
NVNT	n40	5190	Ant2	-34.49	-27	Pass
NVNT	n40	5230	Ant2	-37.95	-27	Pass
NVNT	ac20	5180	Ant1	-37.7	-27	Pass
NVNT	ac20	5240	Ant1	-37.49	-27	Pass
NVNT	ac20	5180	Ant2	-38.13	-27	Pass
NVNT	ac20	5240	Ant2	-37.87	-27	Pass
NVNT	ac40	5190	Ant1	-36.47	-27	Pass
NVNT	ac40	5230	Ant1	-37.87	-27	Pass
NVNT	ac40	5190	Ant2	-34.83	-27	Pass
NVNT	ac40	5230	Ant2	-38.37	-27	Pass
NVNT	ac80	5210	Ant1	-38.38	-27	Pass
NVNT	ac80	5210	Ant1	-34.44	-27	Pass
NVNT	ac80	5210	Ant2	-38.32	-27	Pass
NVNT	ac80	5210	Ant2	-31.39	-27	Pass

Test Graphs

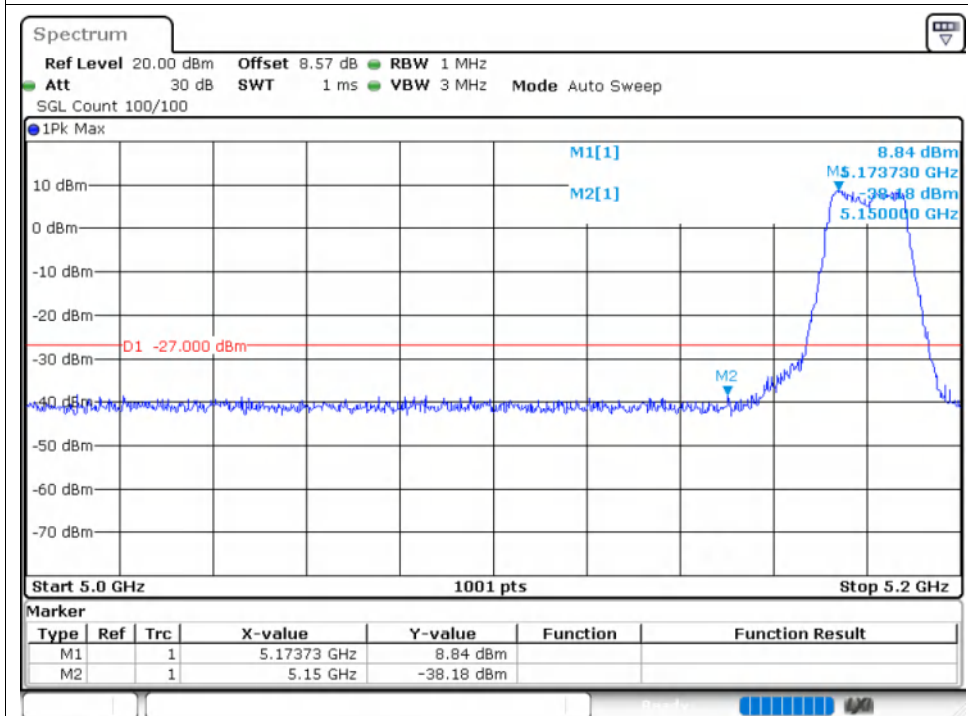
Band Edge NVNT a 5180MHz Low Ant1



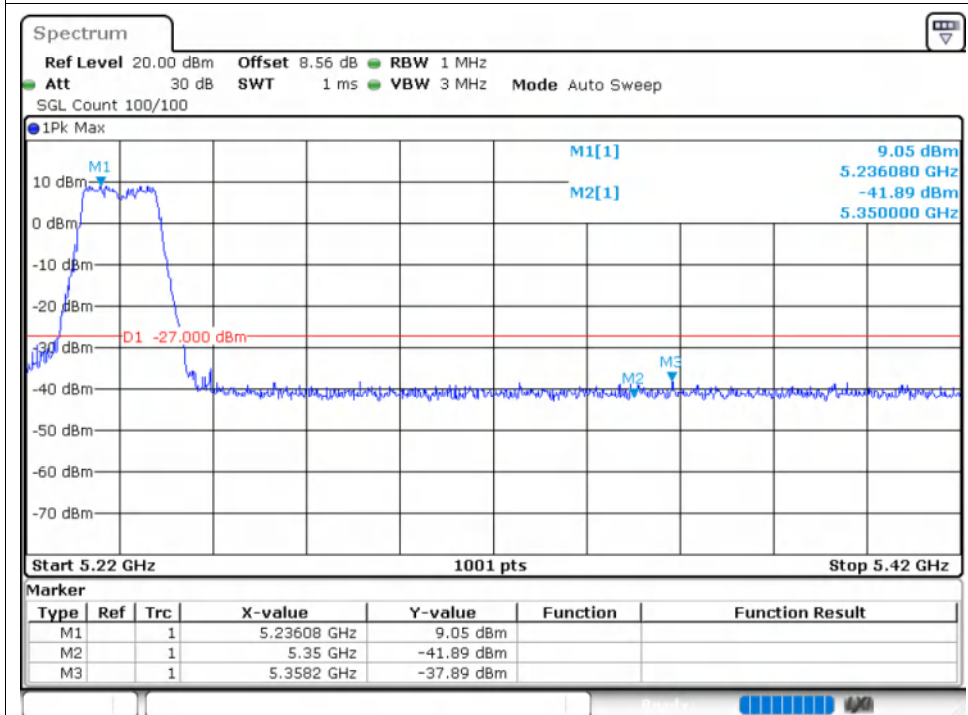
Band Edge NVNT a 5240MHz High Ant1



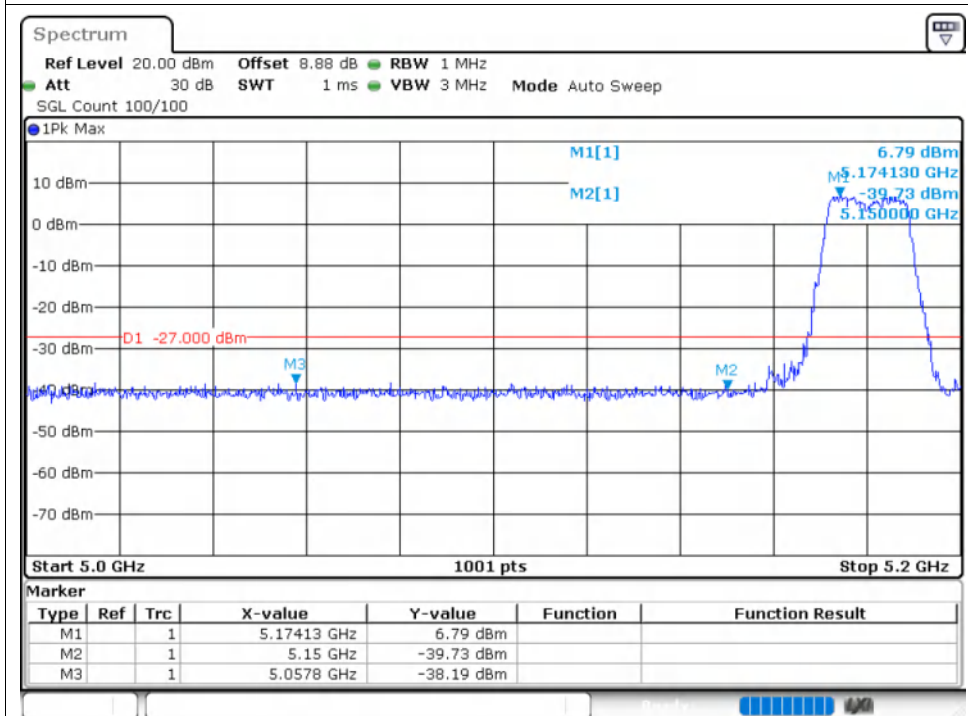
Band Edge NVNT a 5180MHz Low Ant2



Band Edge NVNT a 5240MHz High Ant2



Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1

