

5.2G WIFI

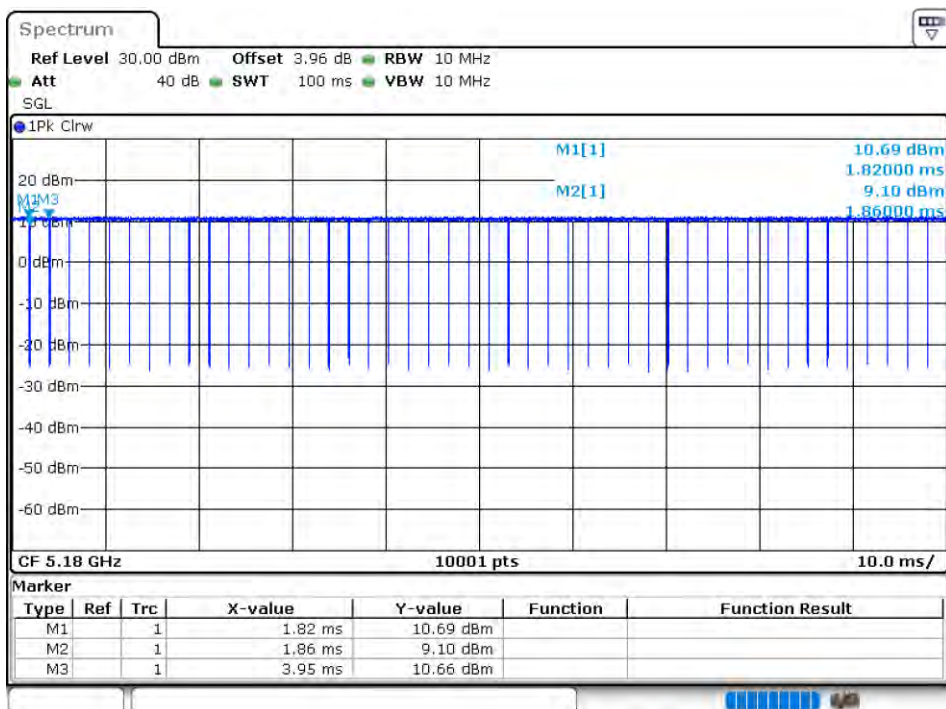
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.27	0.08	0.48
NVNT	a	5200	Ant1	98.27	0.08	0.48
NVNT	a	5240	Ant1	98.22	0.08	0.48
NVNT	a	5180	Ant2	98.27	0.08	0.48
NVNT	a	5200	Ant2	98.34	0.07	0.48
NVNT	a	5240	Ant2	98.24	0.08	0.48
NVNT	n20	5180	Ant1	99.55	0.02	0.13
NVNT	n20	5200	Ant1	99.52	0.02	0.13
NVNT	n20	5240	Ant1	99.52	0.02	0.13
NVNT	n20	5180	Ant2	99.07	0.04	0.25
NVNT	n20	5200	Ant2	99.06	0.04	0.25
NVNT	n20	5240	Ant2	99.1	0.04	0.25
NVNT	n40	5190	Ant1	99	0.04	0.25
NVNT	n40	5230	Ant1	99.05	0.04	0.25
NVNT	n40	5190	Ant2	99.08	0.04	0.25
NVNT	n40	5230	Ant2	99.09	0.04	0.25
NVNT	ac20	5180	Ant1	99.5	0.02	0.13
NVNT	ac20	5200	Ant1	99.5	0.02	0.13
NVNT	ac20	5240	Ant1	99.55	0.02	0.13
NVNT	ac20	5180	Ant2	99.09	0.04	0.25
NVNT	ac20	5200	Ant2	99.03	0.04	0.25
NVNT	ac20	5240	Ant2	99.05	0.04	0.25
NVNT	ac40	5190	Ant1	99.09	0.04	0.25
NVNT	ac40	5230	Ant1	99.05	0.04	0.25
NVNT	ac40	5190	Ant2	99.07	0.04	0.25
NVNT	ac40	5230	Ant2	99.07	0.04	0.25
NVNT	ac80	5210	Ant1	99.06	0.04	0.25
NVNT	ac80	5210	Ant2	99.08	0.04	0.25
NVNT	ac160	5250	Ant1	96.02	0.17	0.23
NVNT	ac160	5250	Ant2	96.02	0.17	0.23
NVNT	ax160	5250	Ant1	99.08	0.04	0.25
NVNT	ax160	5250	Ant2	99.02	0.04	0.25
NVNT	ax20	5180	Ant1	99.49	0.02	0.13
NVNT	ax20	5200	Ant1	99.53	0.02	0.13
NVNT	ax20	5240	Ant1	99.51	0.02	0.13

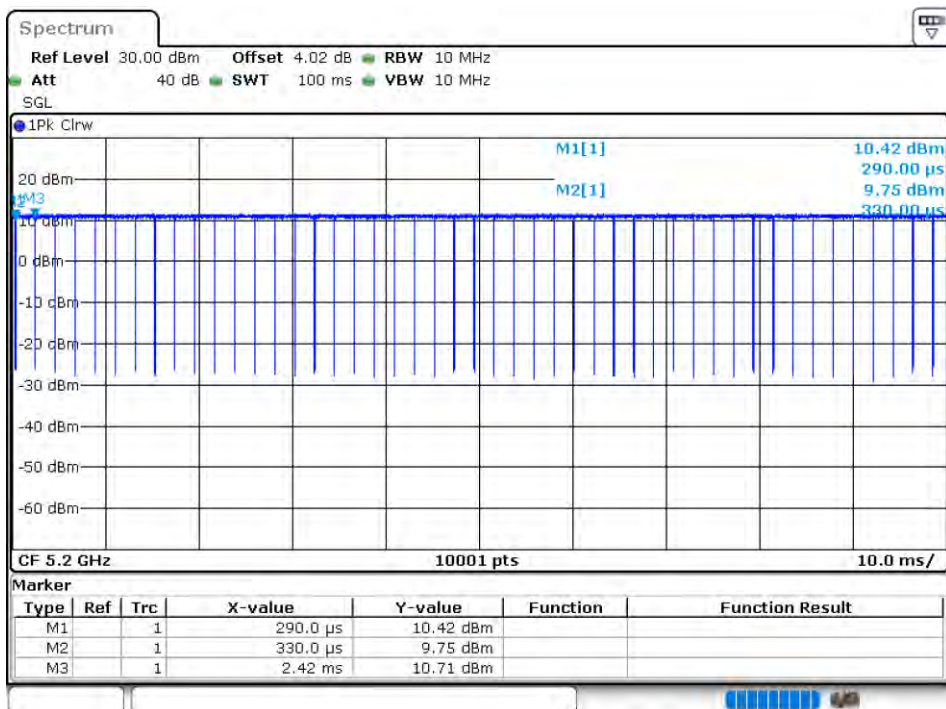
NVNT	ax20	5180	Ant2	99.04	0.04	0.25
NVNT	ax20	5200	Ant2	99	0.04	0.25
NVNT	ax20	5240	Ant2	99	0.04	0.25
NVNT	ax40	5190	Ant1	99.02	0.04	0.25
NVNT	ax40	5230	Ant1	99.04	0.04	0.25
NVNT	ax40	5190	Ant2	99.02	0.04	0.25
NVNT	ax40	5230	Ant2	99.06	0.04	0.25
NVNT	ax80	5210	Ant1	99.04	0.04	0.25
NVNT	ax80	5210	Ant2	99	0.04	0.25

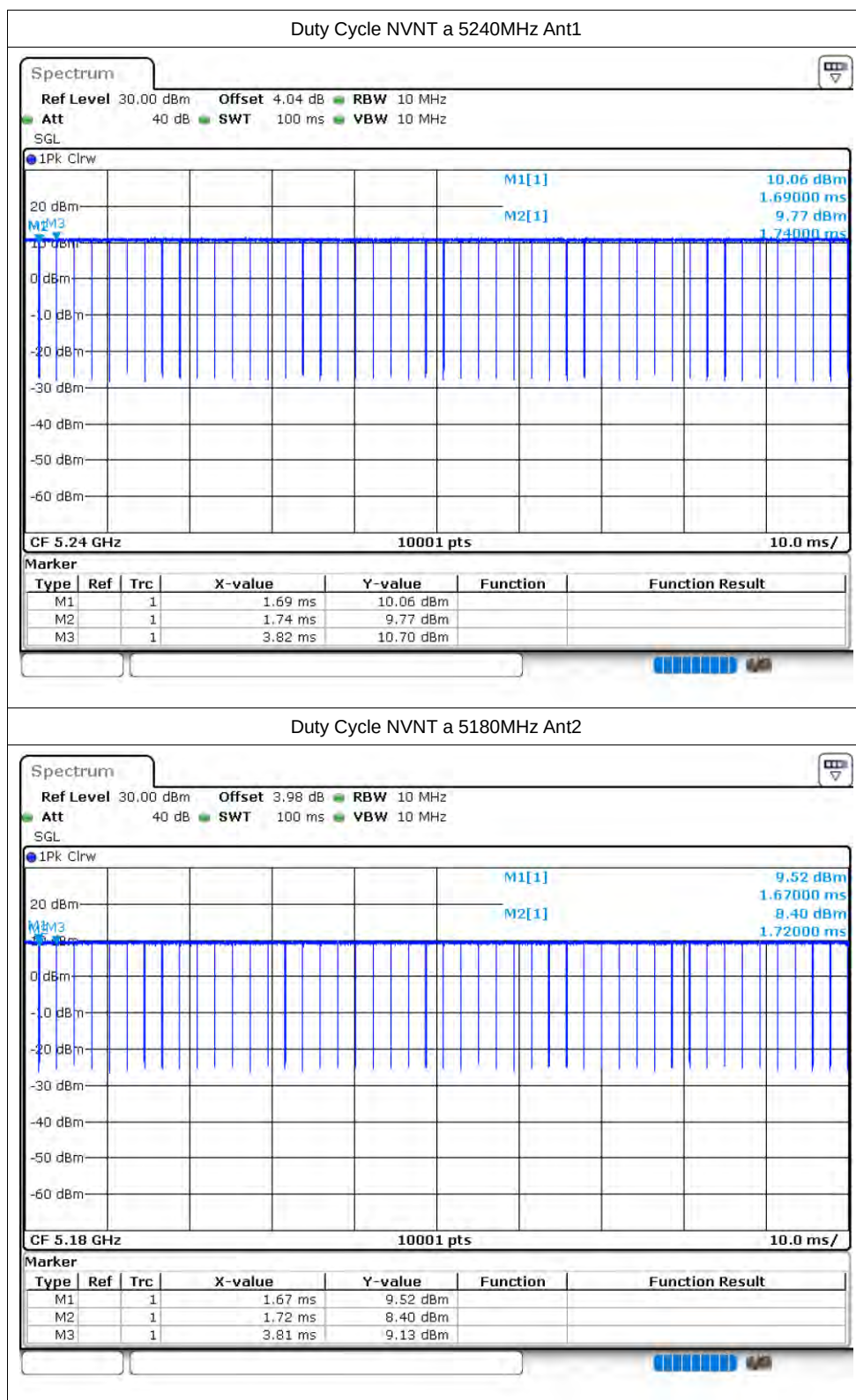
Test Graphs

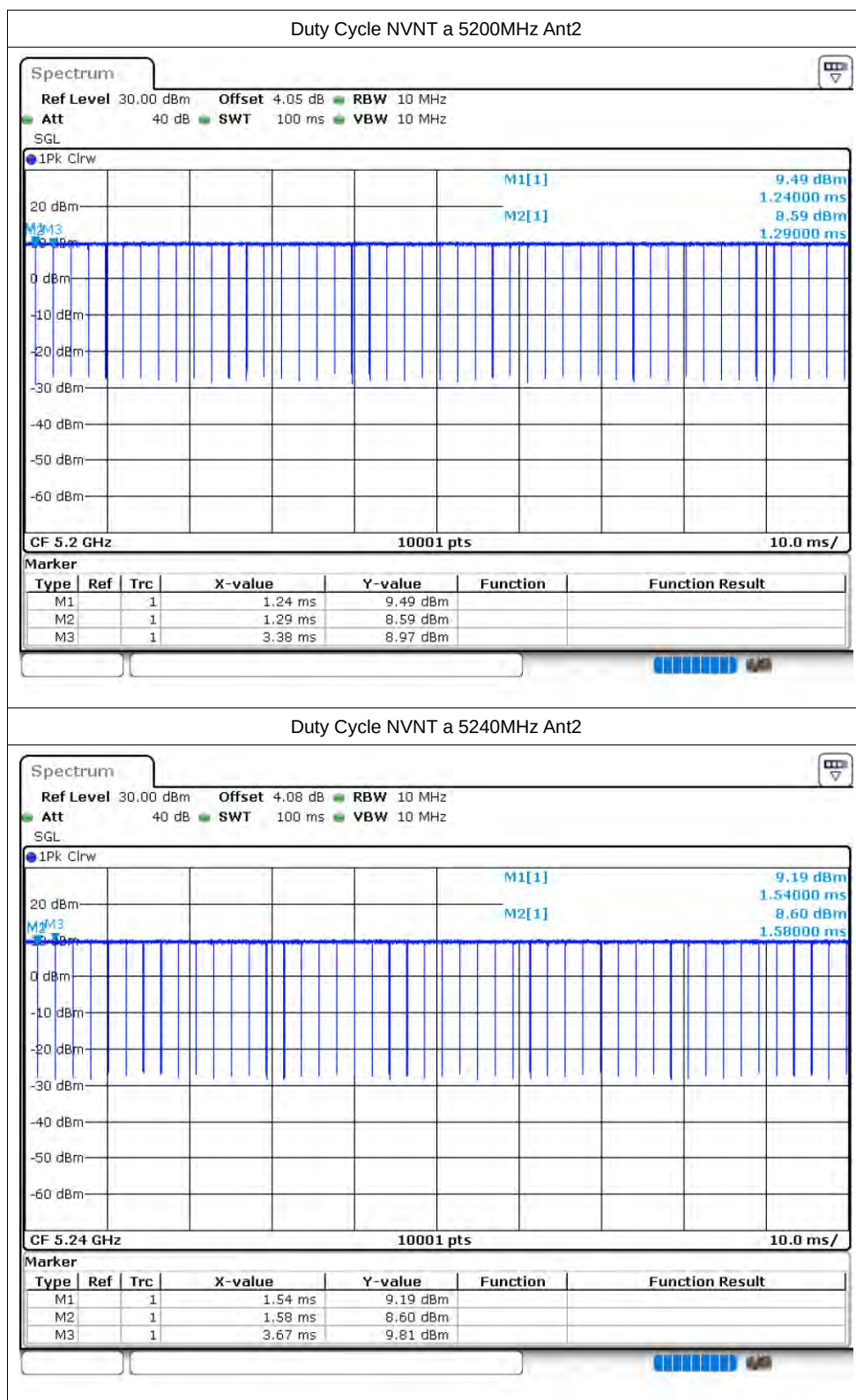
Duty Cycle NVNT a 5180MHz Ant1

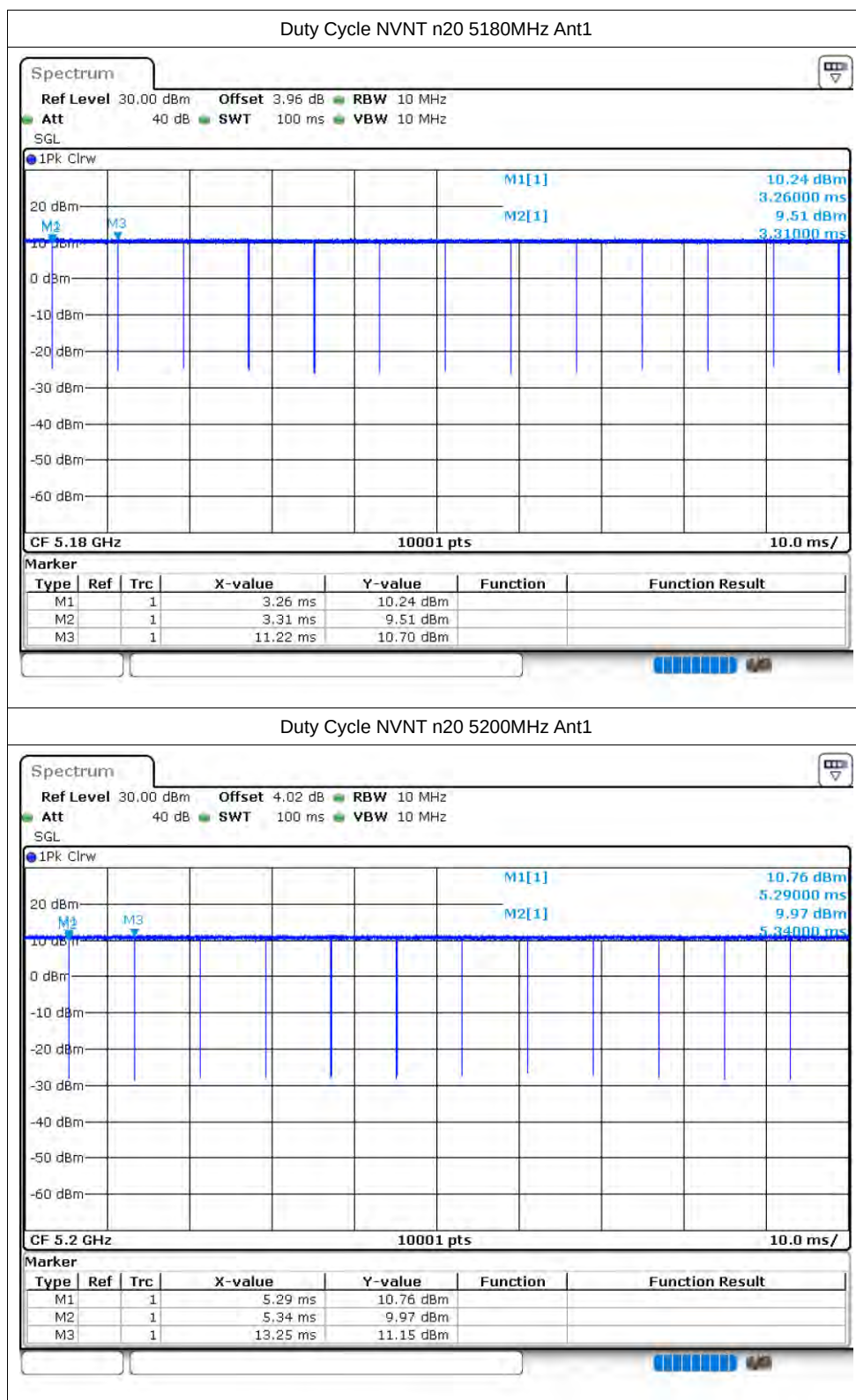


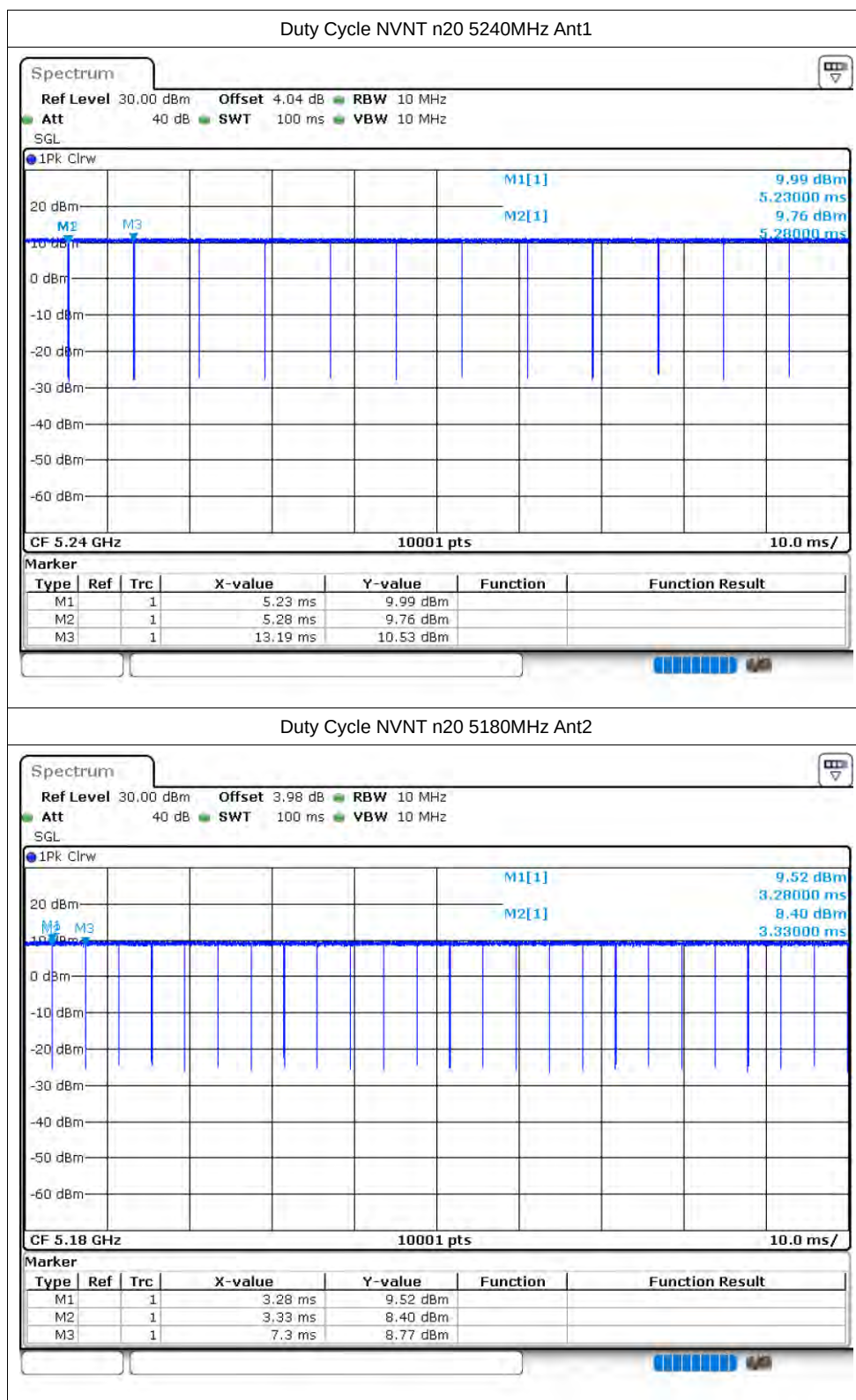
Duty Cycle NVNT a 5200MHz Ant1

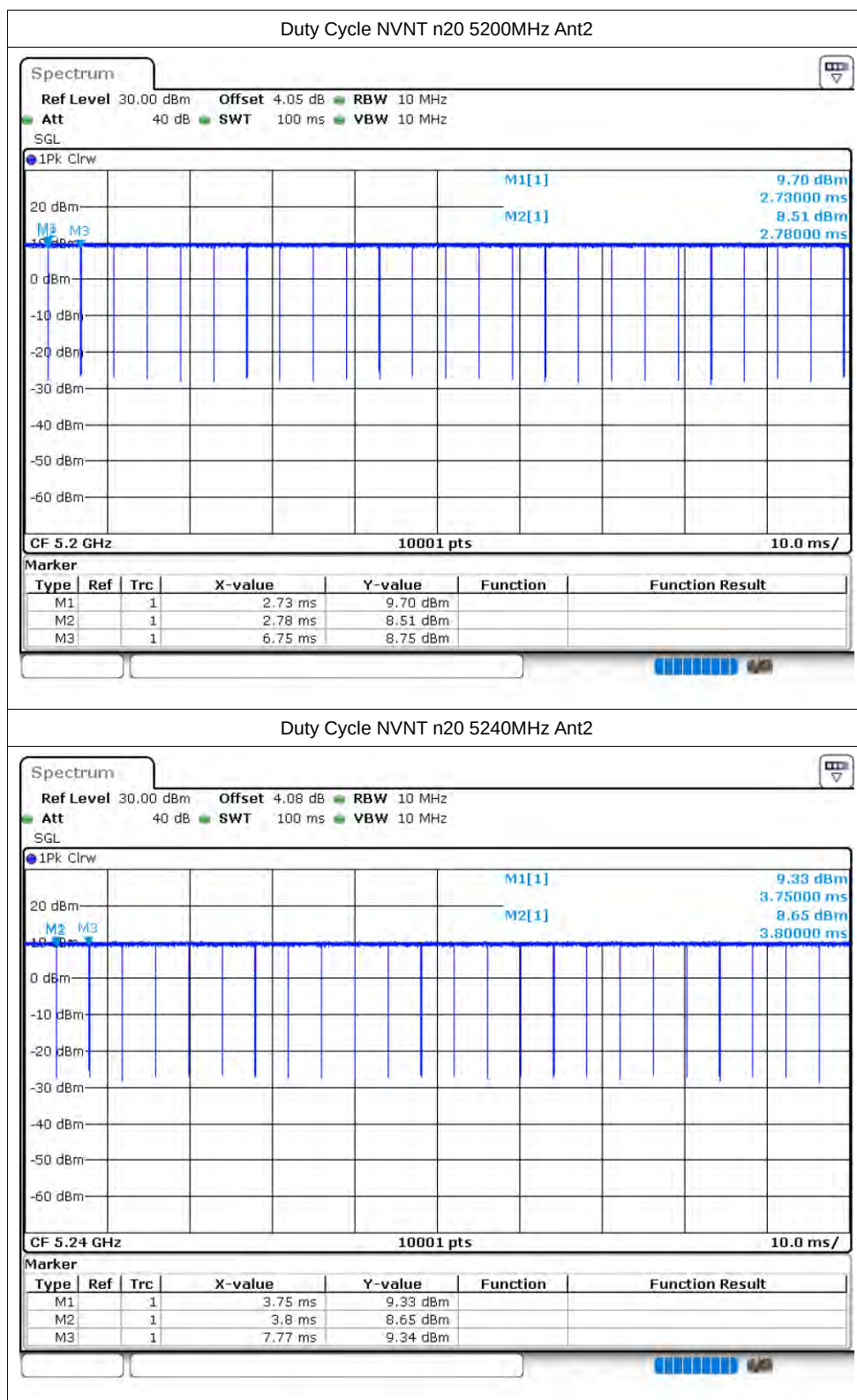


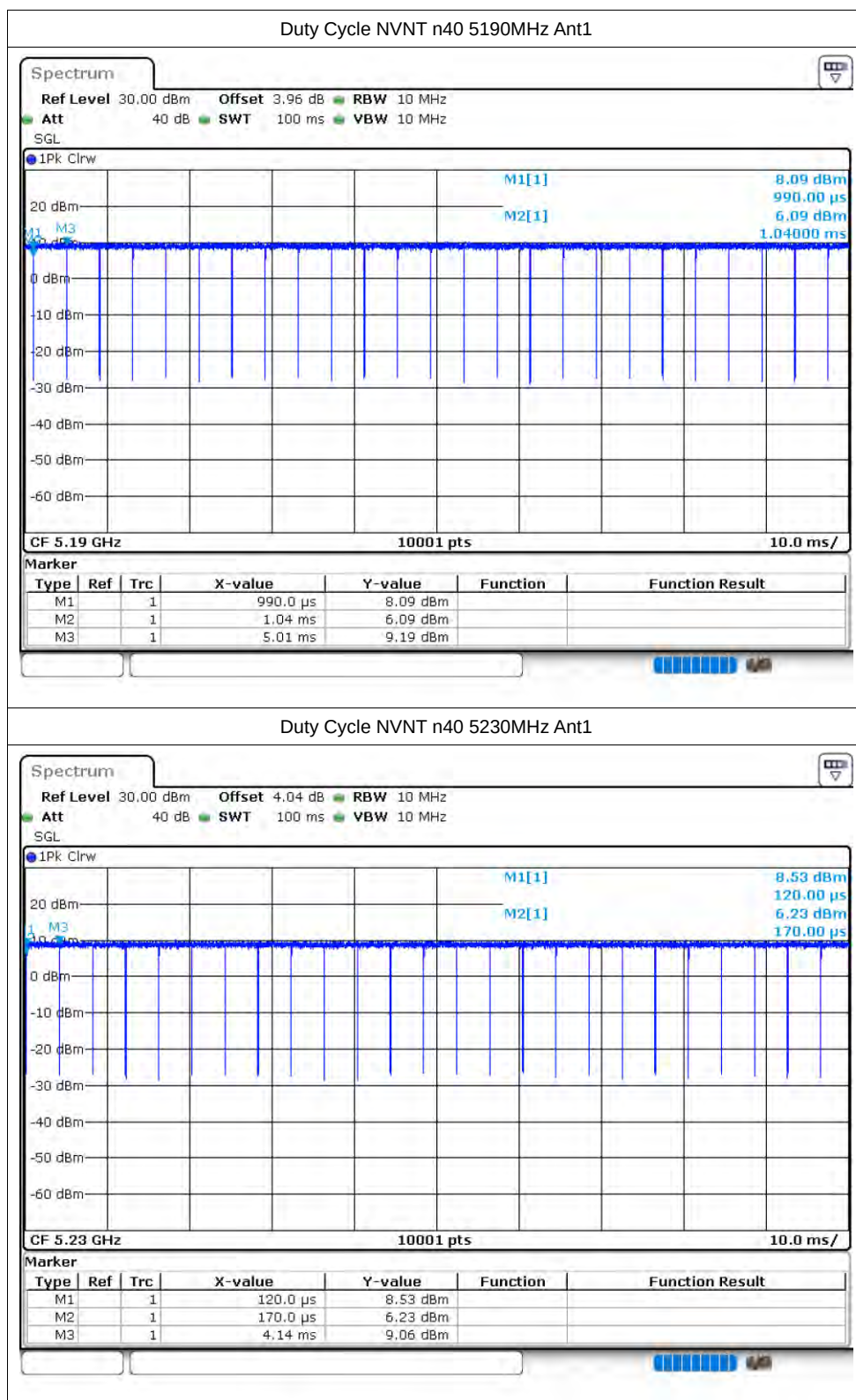


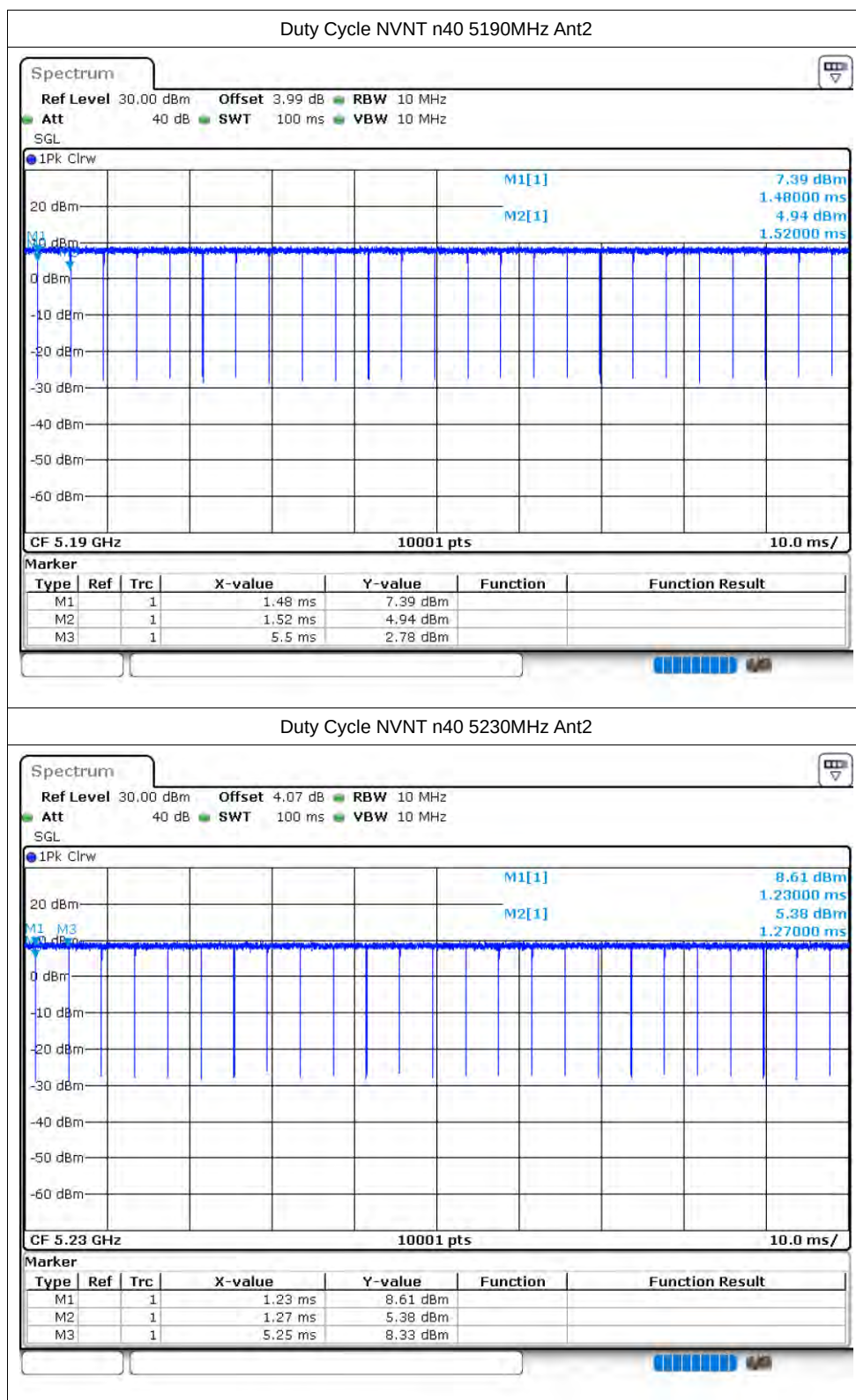




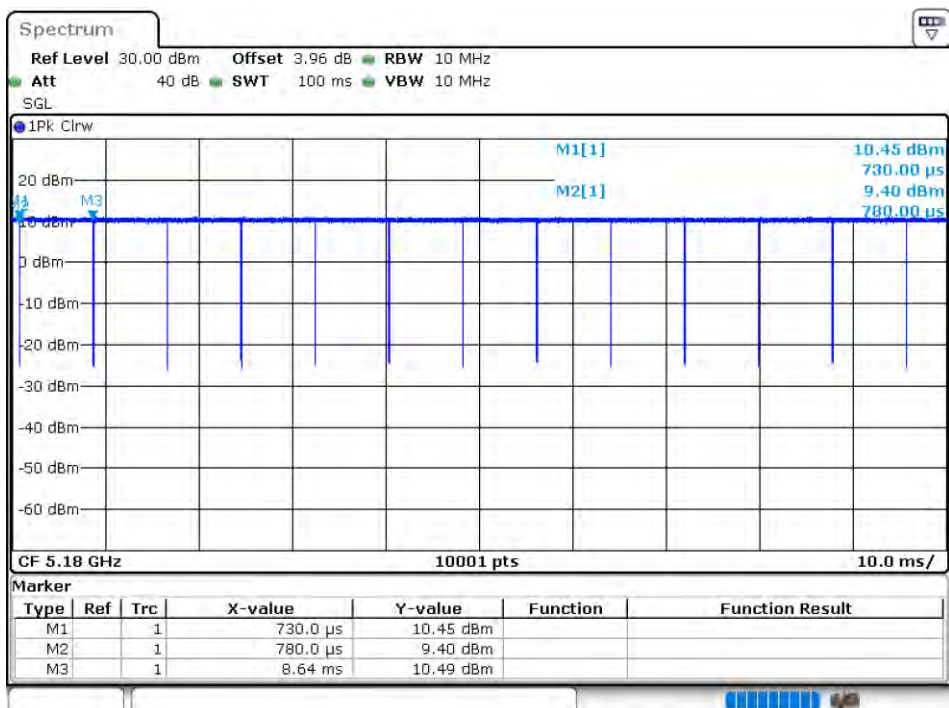




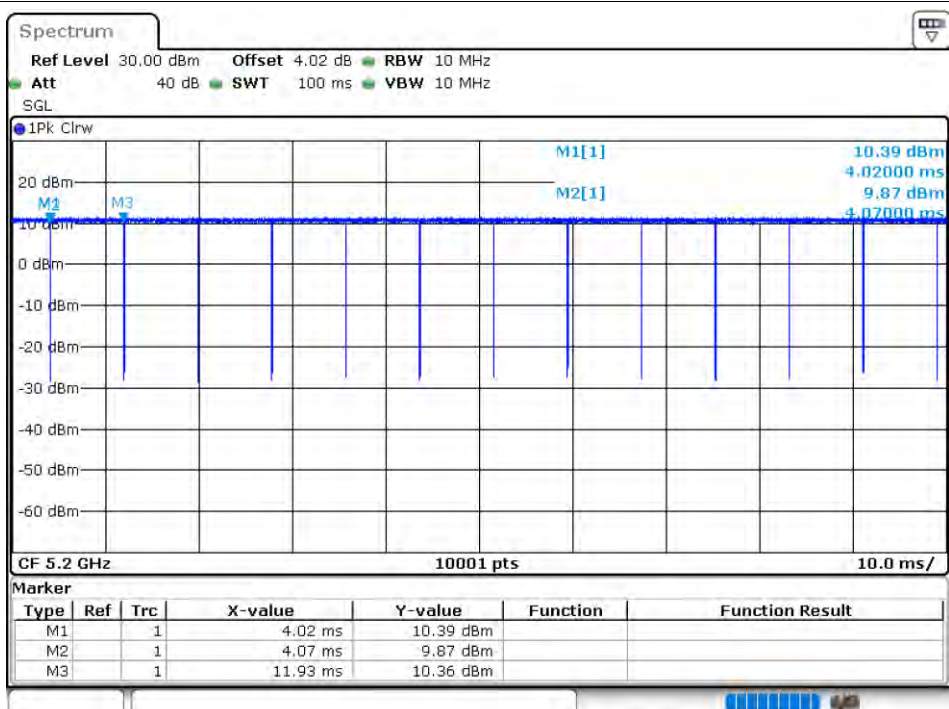




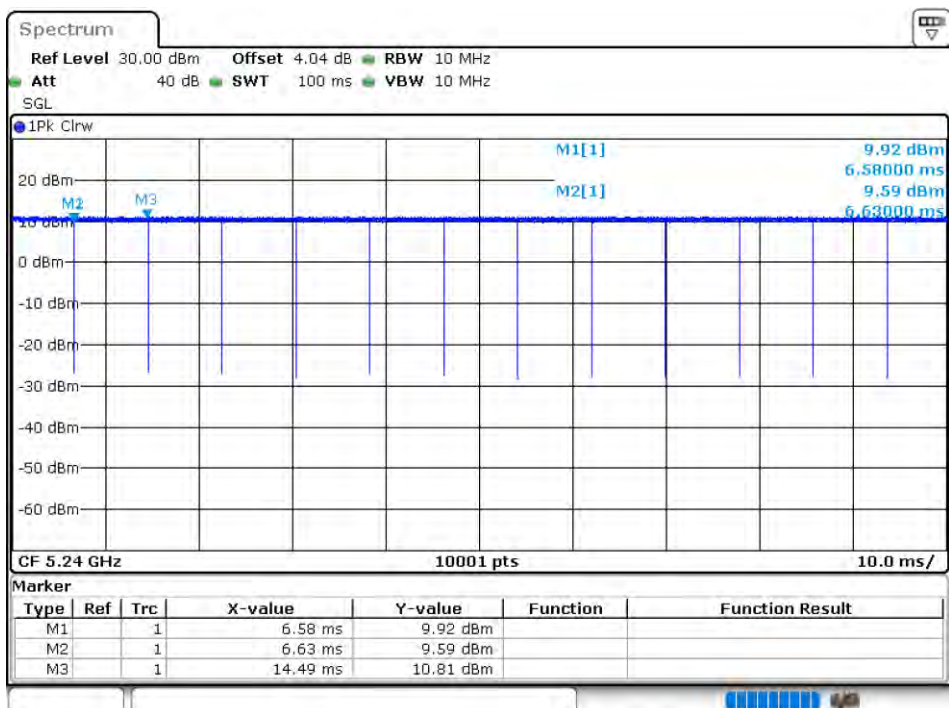
Duty Cycle NVNT ac20 5180MHz Ant1



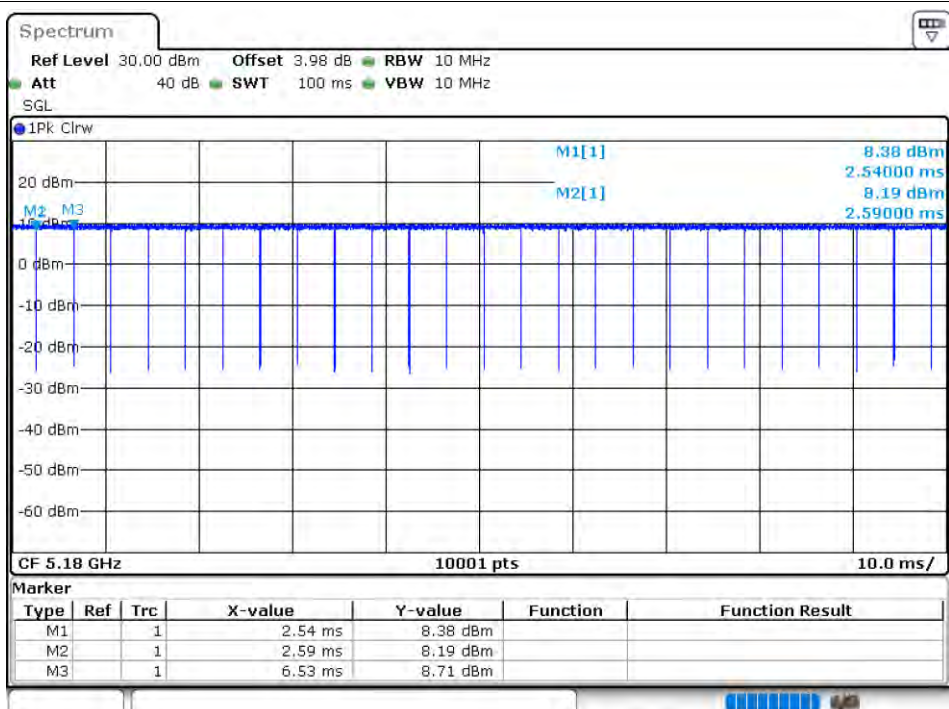
Duty Cycle NVNT ac20 5200MHz Ant1

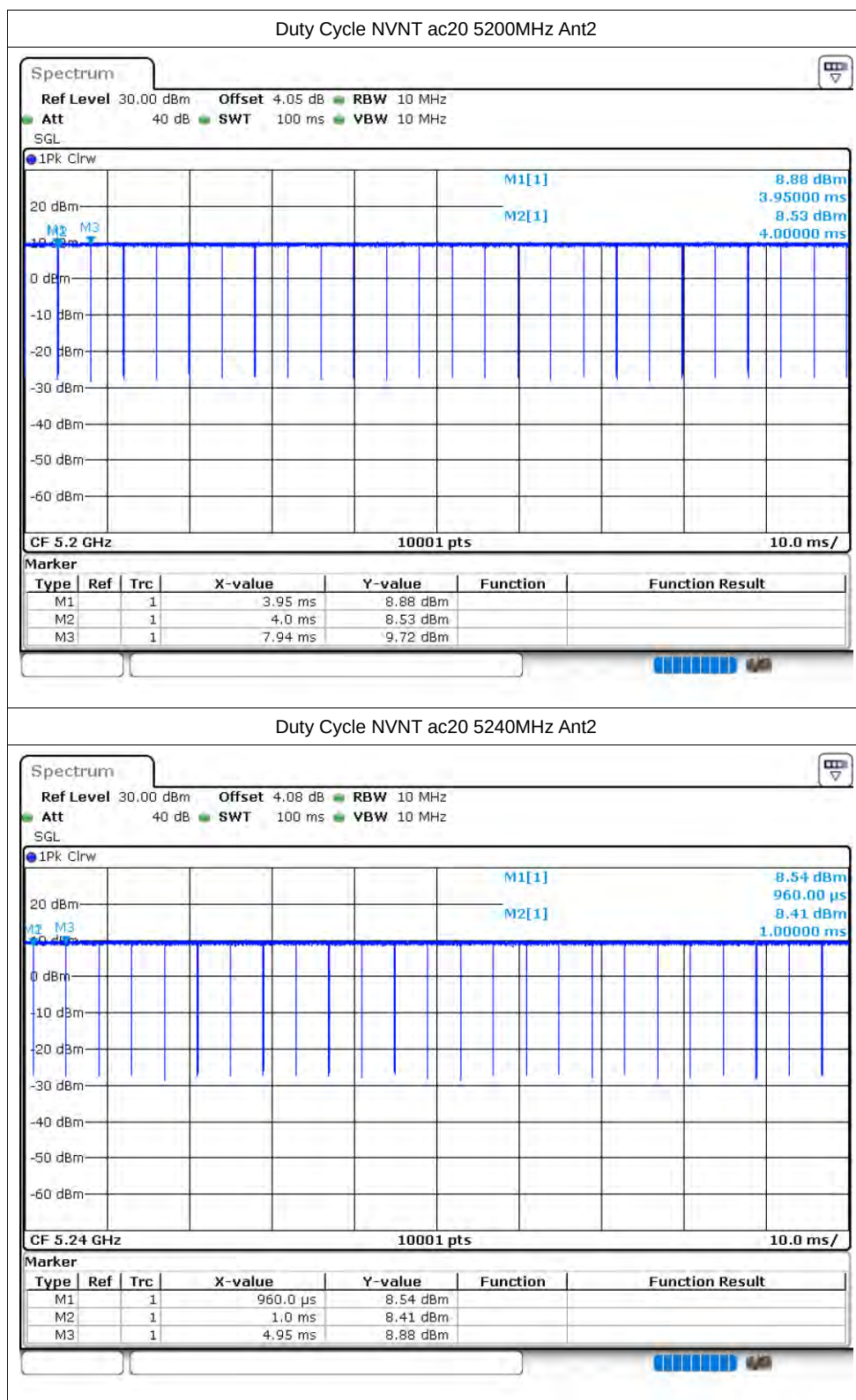


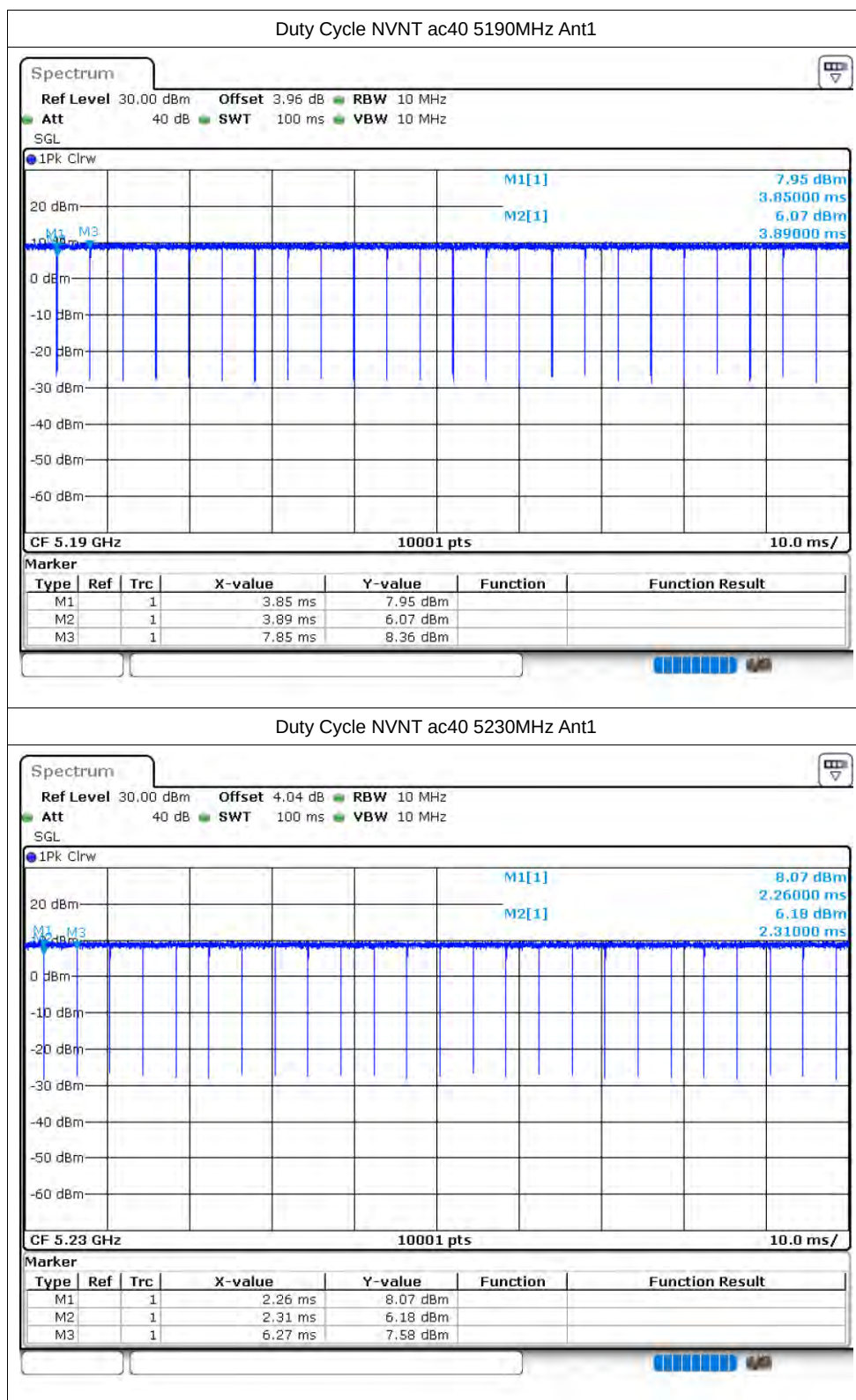
Duty Cycle NVNT ac20 5240MHz Ant1

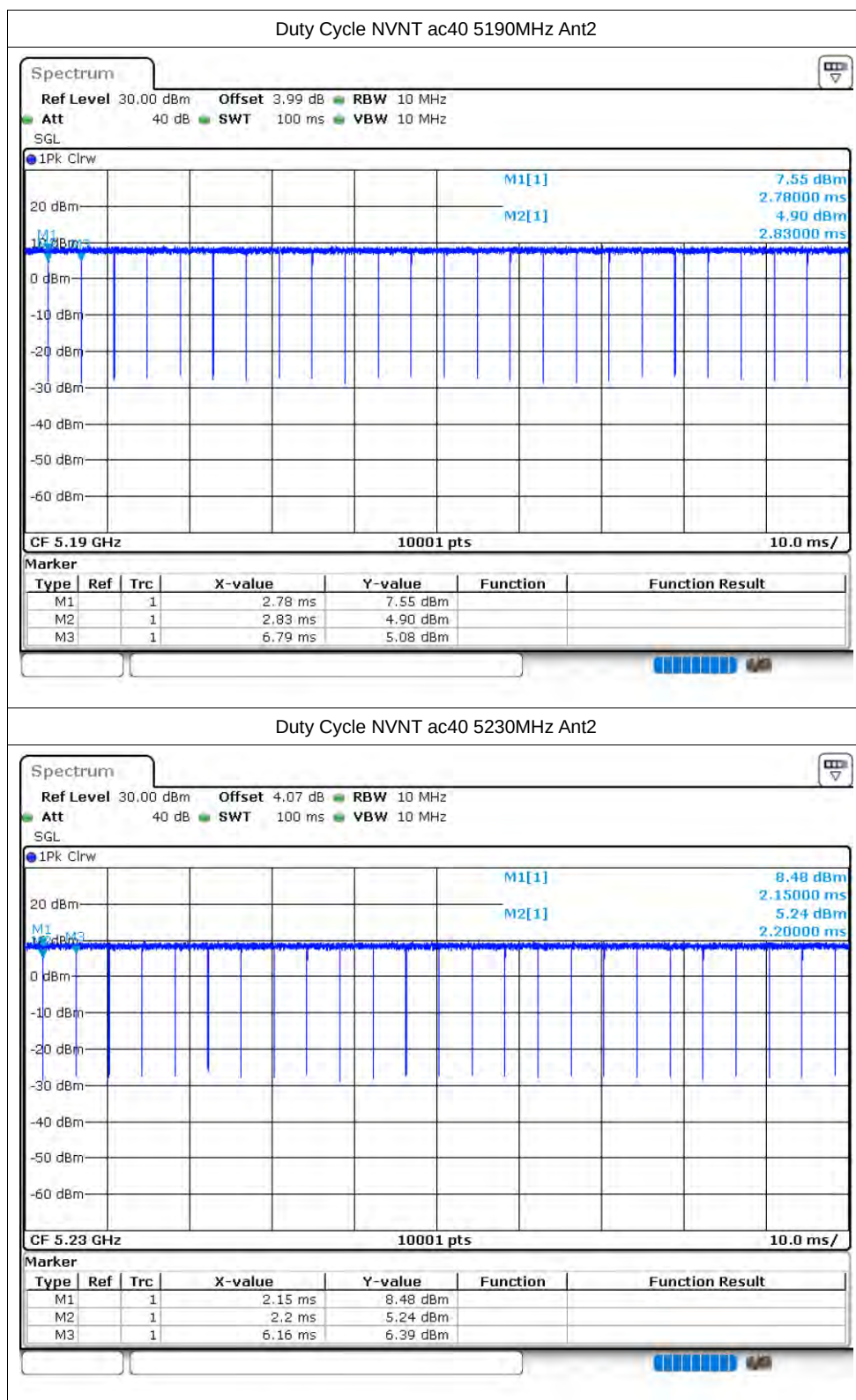


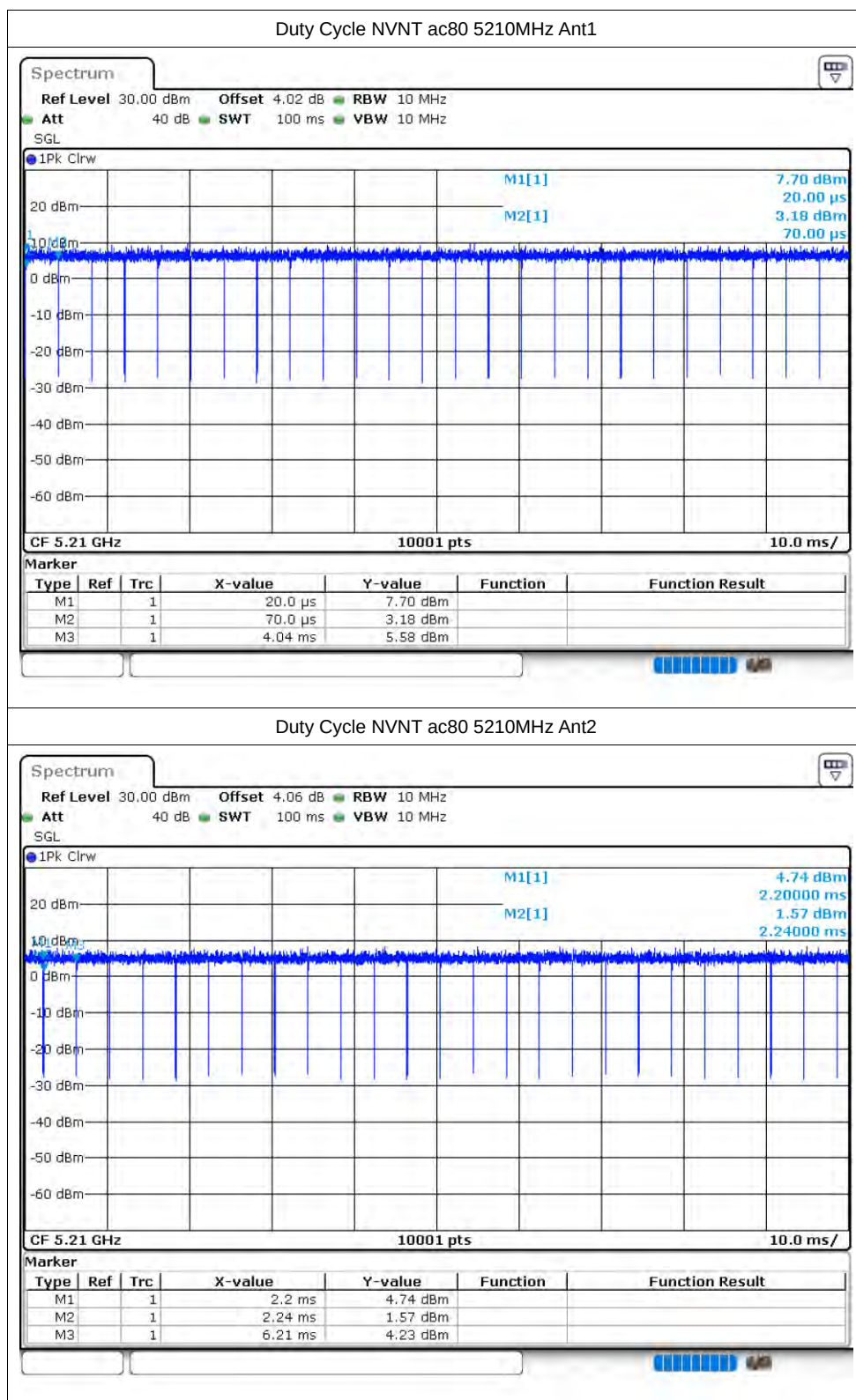
Duty Cycle NVNT ac20 5180MHz Ant2



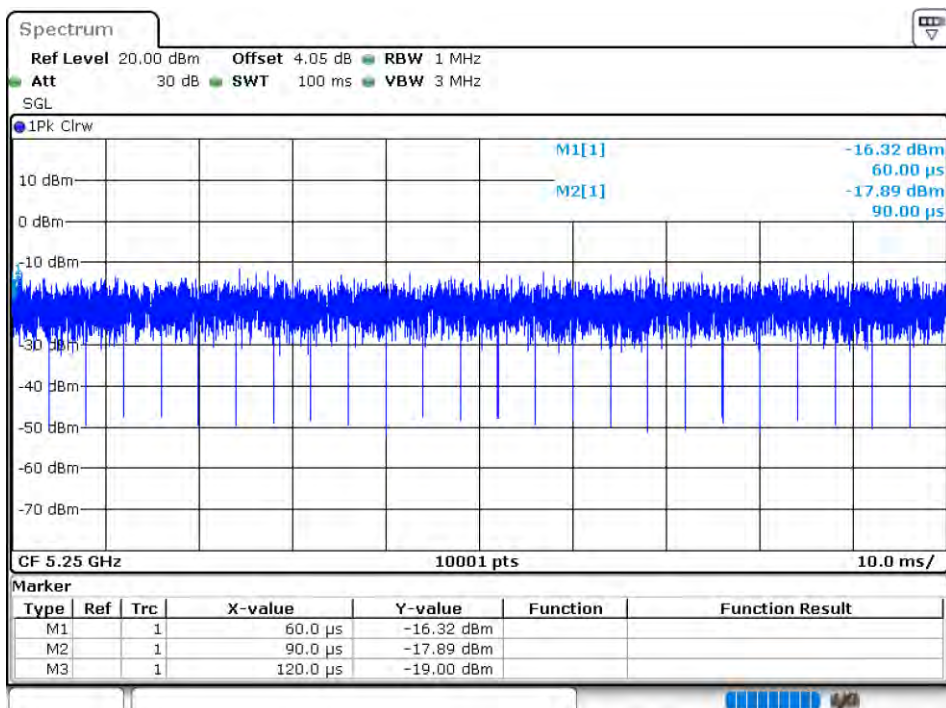




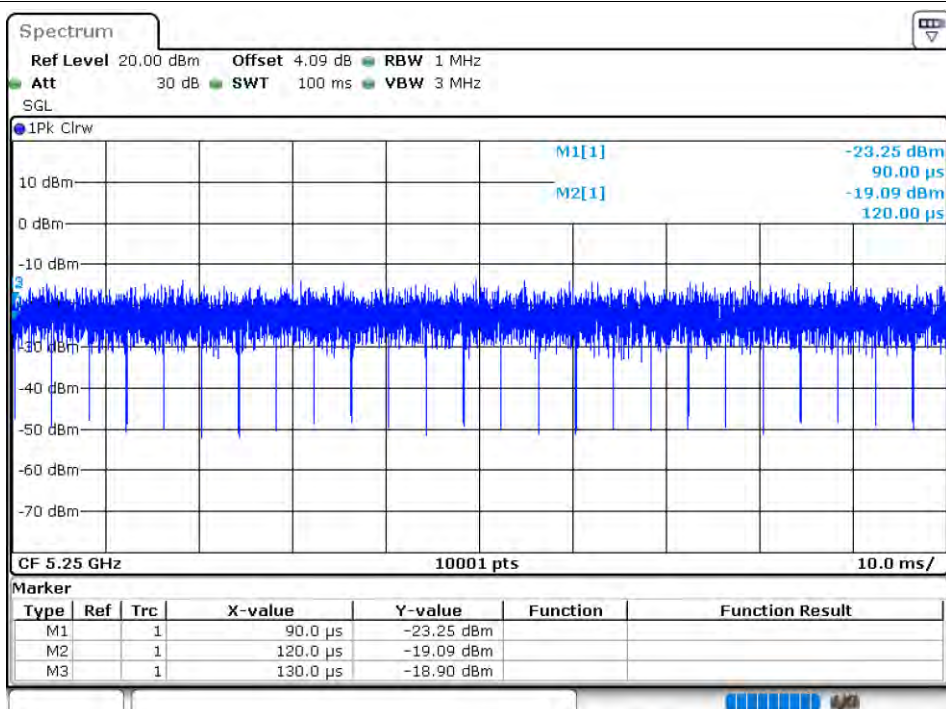




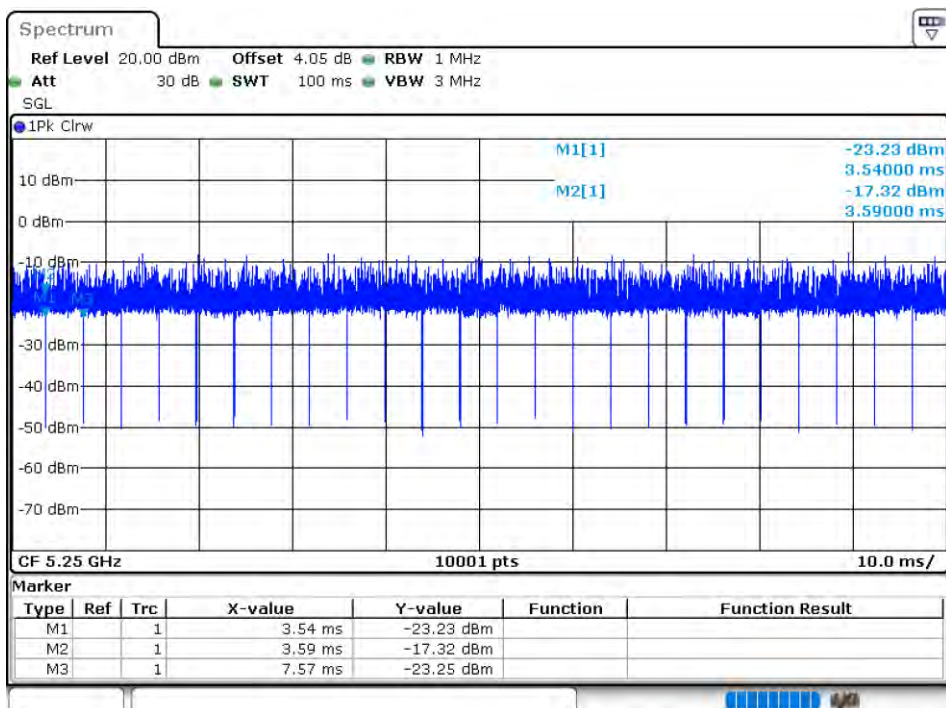
Duty Cycle NVNT ac160 5250MHz Ant1



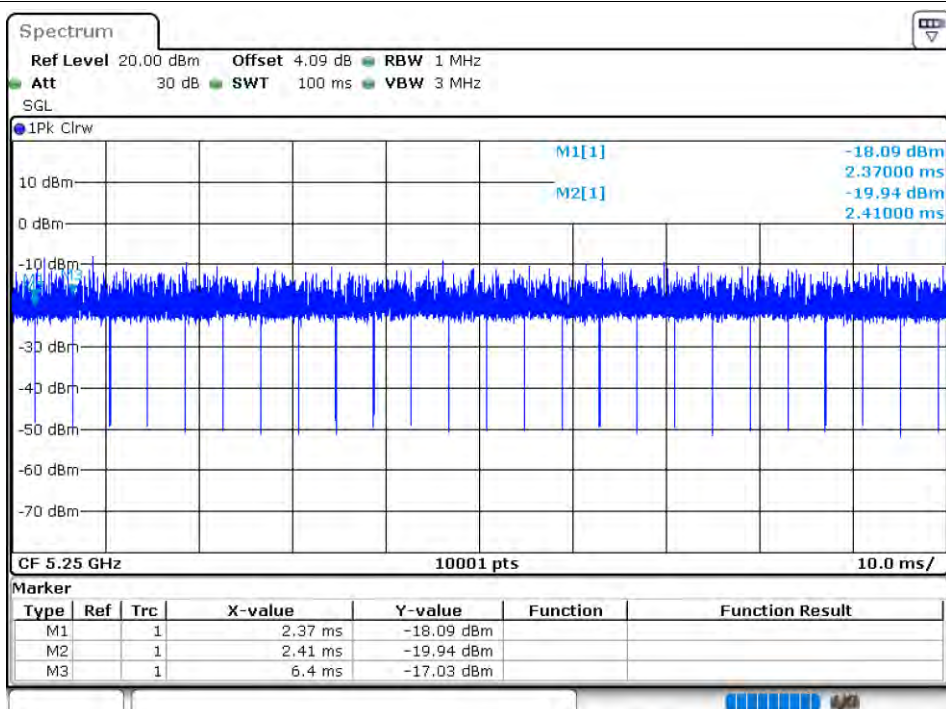
Duty Cycle NVNT ac160 5250MHz Ant2

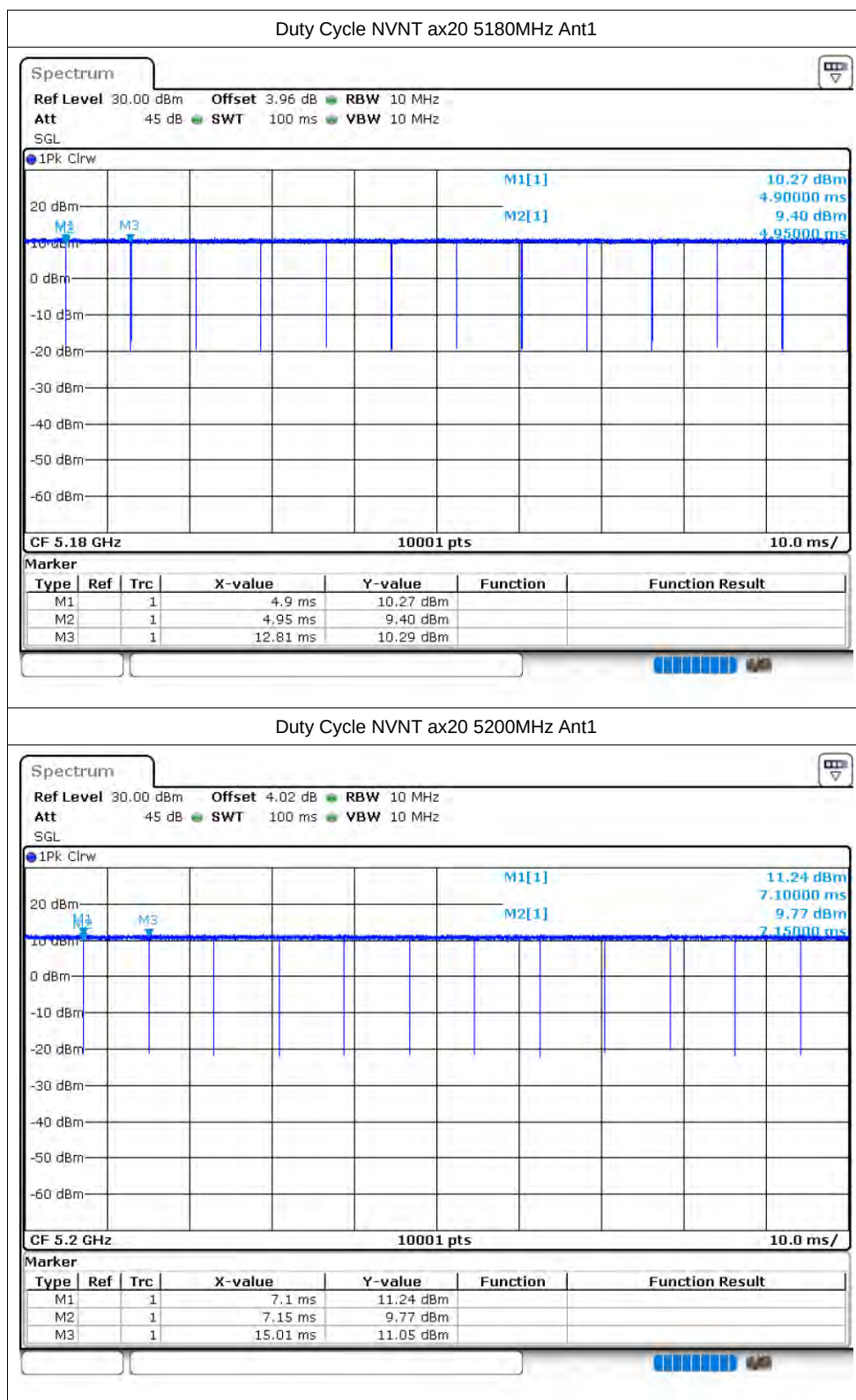


Duty Cycle NVNT ax160 5250MHz Ant1

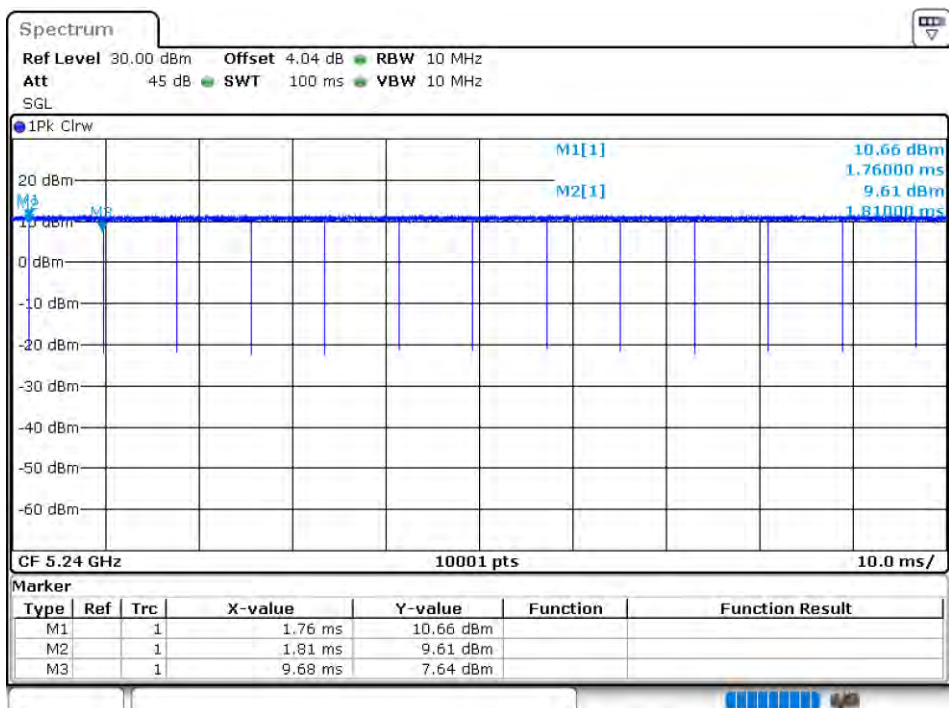


Duty Cycle NVNT ax160 5250MHz Ant2

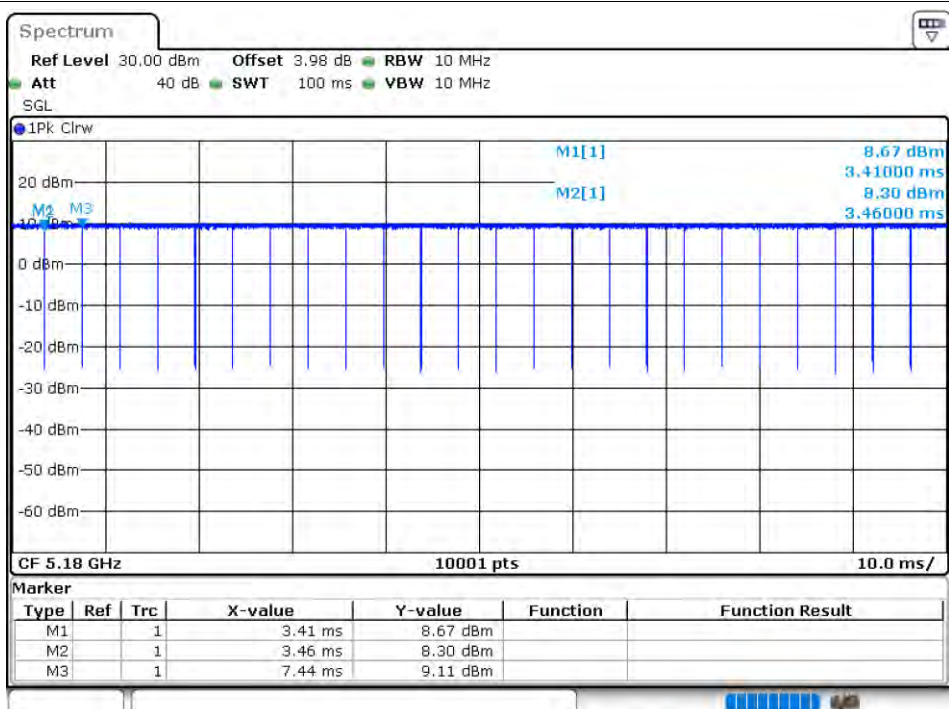


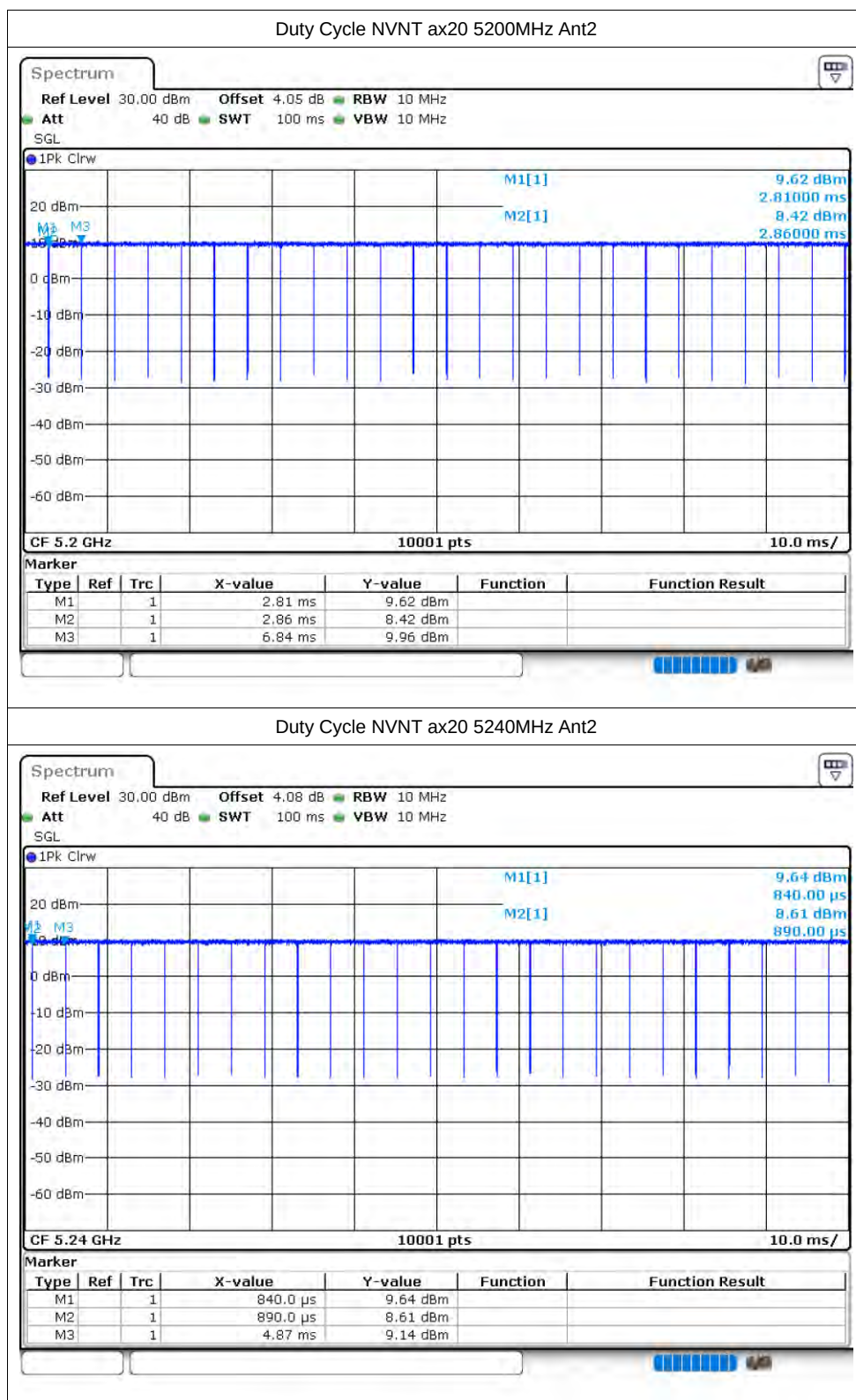


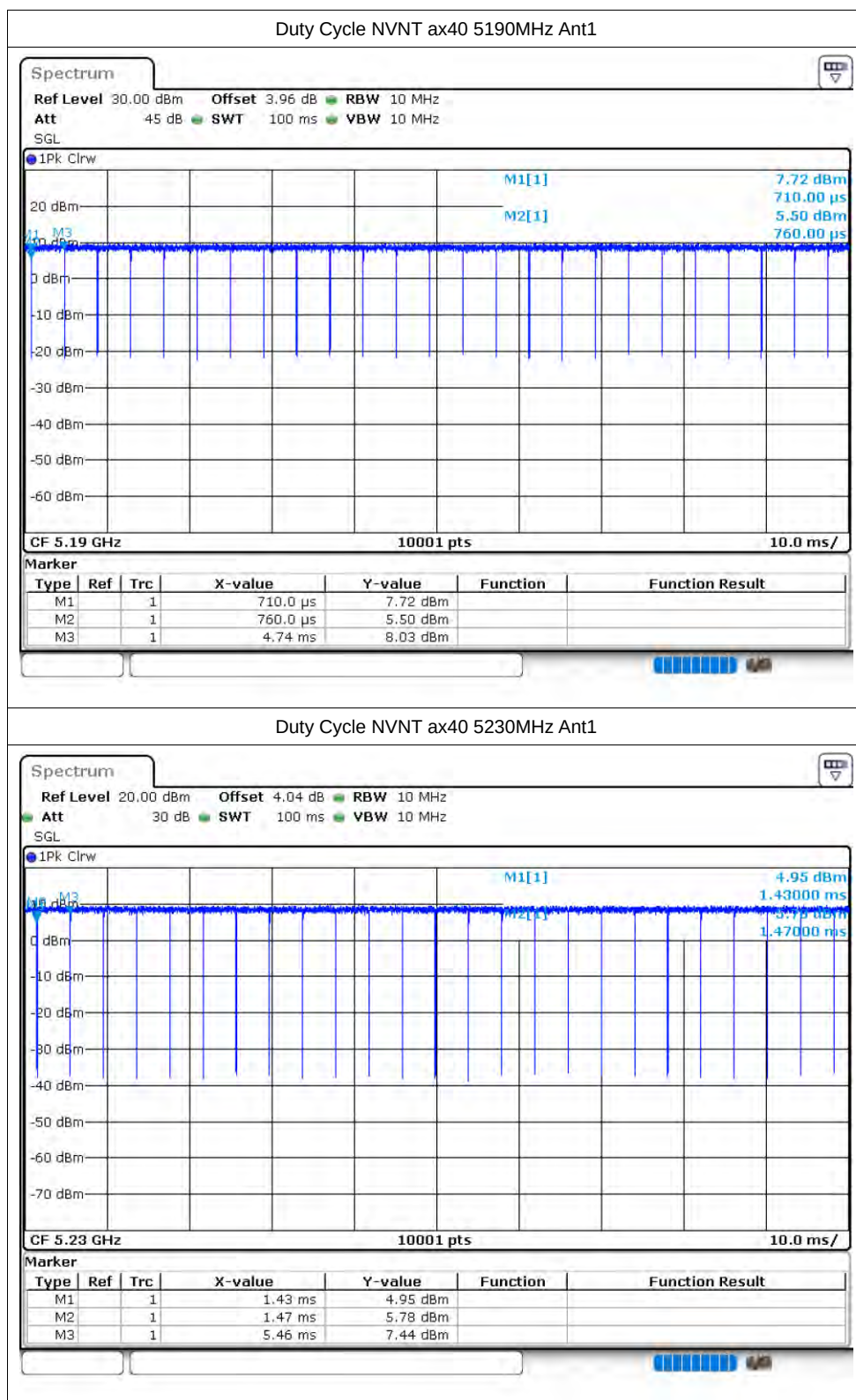
Duty Cycle NVNT ax20 5240MHz Ant1



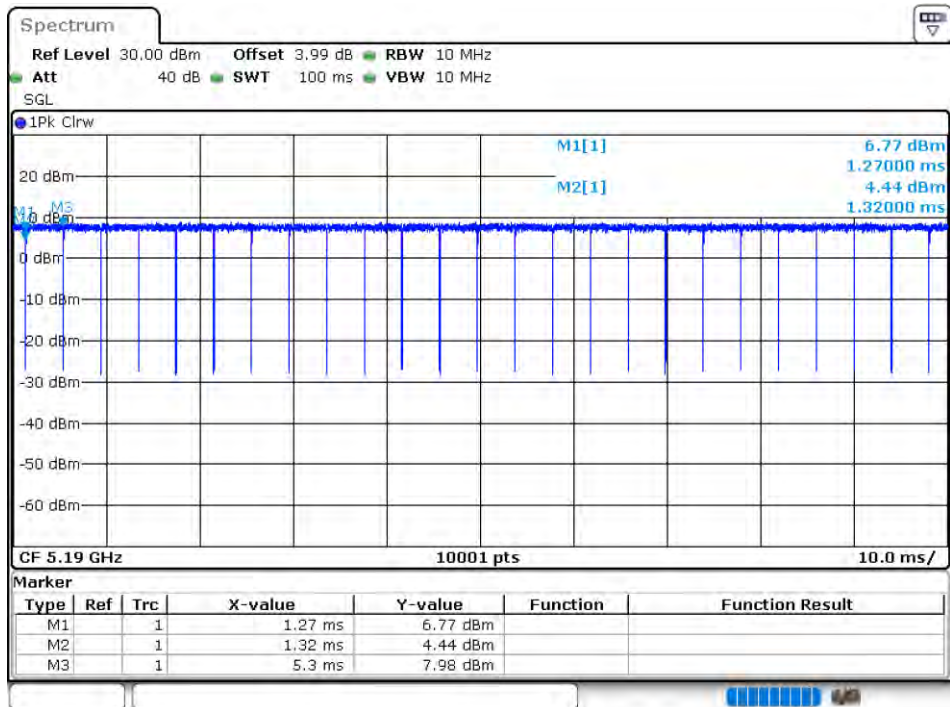
Duty Cycle NVNT ax20 5180MHz Ant2



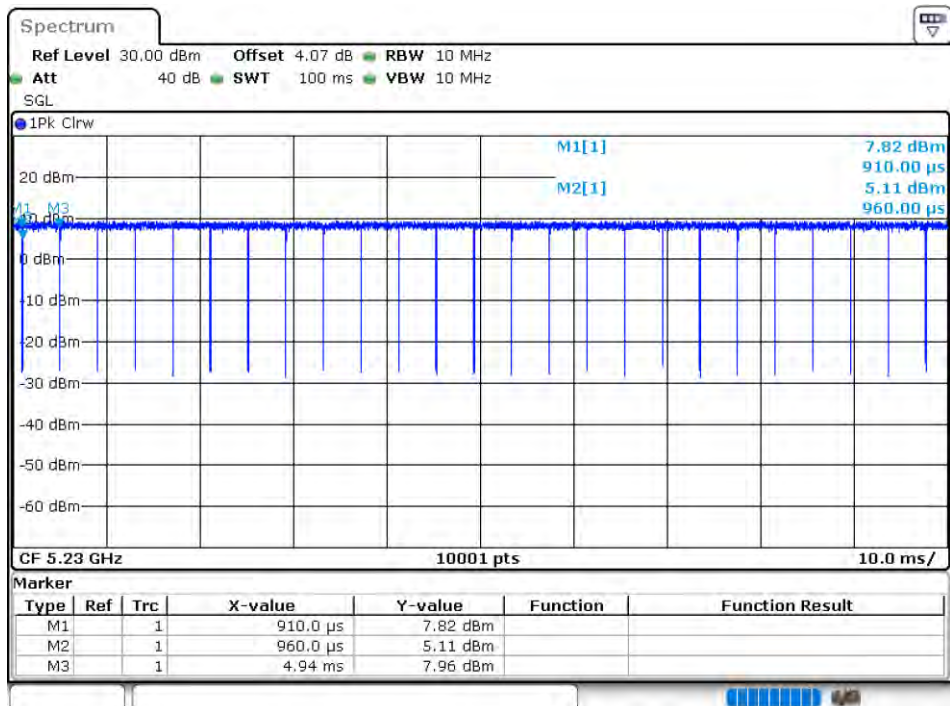


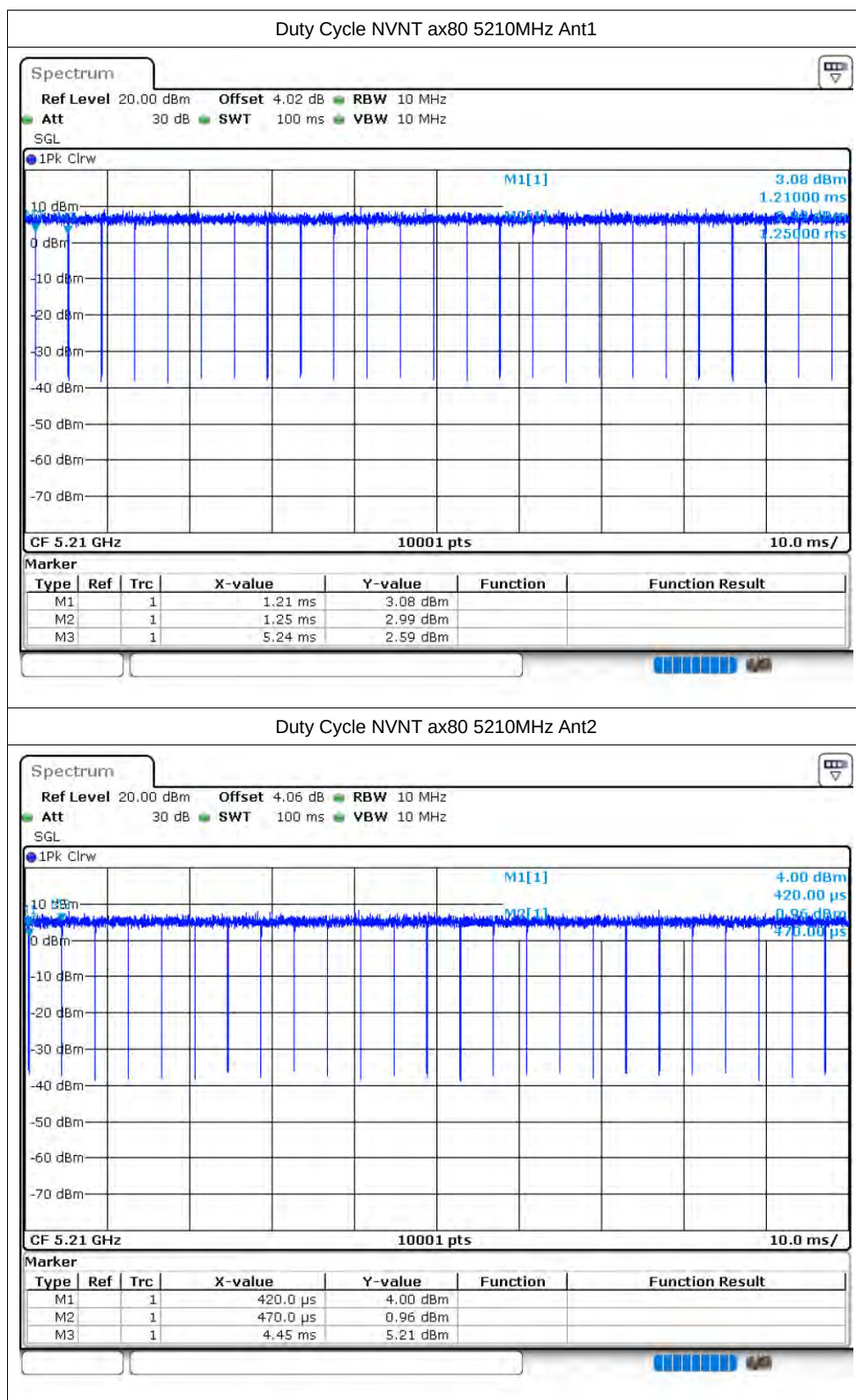


Duty Cycle NVNT ax40 5190MHz Ant2



Duty Cycle NVNT ax40 5230MHz Ant2





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.34	24	Pass
NVNT	a	5200	Ant1	9.51	24	Pass
NVNT	a	5240	Ant1	9.67	24	Pass
NVNT	a	5180	Ant2	9.2	24	Pass
NVNT	a	5200	Ant2	9.29	24	Pass
NVNT	a	5240	Ant2	9.18	24	Pass
NVNT	n20	5180	Ant1	9.39	24	Pass
NVNT	n20	5200	Ant1	9.44	24	Pass
NVNT	n20	5240	Ant1	9.53	24	Pass
NVNT	n20	5180	Ant2	9.07	24	Pass
NVNT	n20	5200	Ant2	9.17	24	Pass
NVNT	n20	5240	Ant2	9.13	24	Pass
NVNT	n40	5190	Ant1	9.83	24	Pass
NVNT	n40	5230	Ant1	9.84	24	Pass
NVNT	n40	5190	Ant2	9.71	24	Pass
NVNT	n40	5230	Ant2	9.73	24	Pass
NVNT	ac20	5180	Ant1	9.27	24	Pass
NVNT	ac20	5200	Ant1	9.34	24	Pass
NVNT	ac20	5240	Ant1	9.46	24	Pass
NVNT	ac20	5180	Ant2	9.06	24	Pass
NVNT	ac20	5200	Ant2	9.17	24	Pass
NVNT	ac20	5240	Ant2	9.16	24	Pass
NVNT	ac40	5190	Ant1	9.68	24	Pass
NVNT	ac40	5230	Ant1	9.85	24	Pass
NVNT	ac40	5190	Ant2	9.72	24	Pass
NVNT	ac40	5230	Ant2	9.78	24	Pass
NVNT	ac80	5210	Ant1	9.66	24	Pass
NVNT	ac80	5210	Ant2	9.44	24	Pass
NVNT	ac160	5250	Ant1	10.11	24	Pass
NVNT	ac160	5250	Ant2	9.81	24	Pass
NVNT	ax160	5250	Ant1	9.82	24	Pass
NVNT	ax160	5250	Ant2	9.75	24	Pass
NVNT	ax20	5180	Ant1	9.61	24	Pass
NVNT	ax20	5200	Ant1	9.49	24	Pass
NVNT	ax20	5240	Ant1	9.54	24	Pass
NVNT	ax20	5180	Ant2	9.21	24	Pass
NVNT	ax20	5200	Ant2	9.35	24	Pass
NVNT	ax20	5240	Ant2	9.33	24	Pass
NVNT	ax40	5190	Ant1	9.46	24	Pass
NVNT	ax40	5230	Ant1	9.67	24	Pass

NVNT	ax40	5190	Ant2	9.39	24	Pass
NVNT	ax40	5230	Ant2	9.56	24	Pass
NVNT	ax80	5210	Ant1	9.65	24	Pass
NVNT	ax80	5210	Ant2	9.07	24	Pass

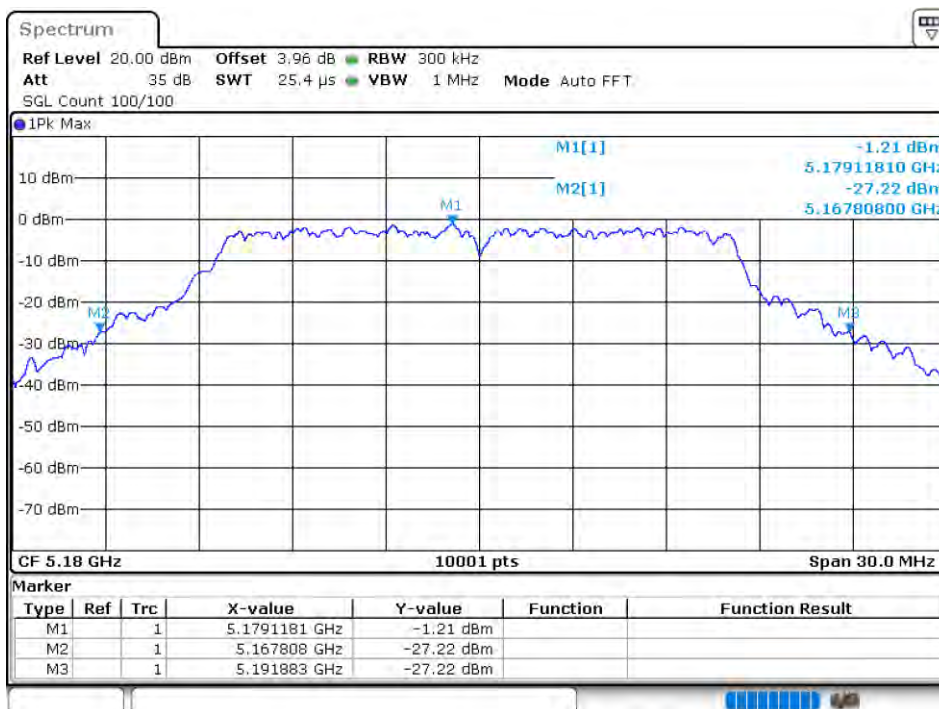
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	24.075	Pass
NVNT	a	5200	Ant1	23.289	Pass
NVNT	a	5240	Ant1	23.613	Pass
NVNT	a	5180	Ant2	23.754	Pass
NVNT	a	5200	Ant2	24.522	Pass
NVNT	a	5240	Ant2	24.276	Pass
NVNT	n20	5180	Ant1	24.594	Pass
NVNT	n20	5200	Ant1	24.249	Pass
NVNT	n20	5240	Ant1	24.609	Pass
NVNT	n20	5180	Ant2	23.997	Pass
NVNT	n20	5200	Ant2	24.069	Pass
NVNT	n20	5240	Ant2	25.014	Pass
NVNT	n40	5190	Ant1	44.976	Pass
NVNT	n40	5230	Ant1	45.378	Pass
NVNT	n40	5190	Ant2	44.58	Pass
NVNT	n40	5230	Ant2	45	Pass
NVNT	ac20	5180	Ant1	24.141	Pass
NVNT	ac20	5200	Ant1	24.486	Pass
NVNT	ac20	5240	Ant1	24.66	Pass
NVNT	ac20	5180	Ant2	24.228	Pass
NVNT	ac20	5200	Ant2	24.558	Pass
NVNT	ac20	5240	Ant2	24.24	Pass
NVNT	ac40	5190	Ant1	44.916	Pass
NVNT	ac40	5230	Ant1	45.372	Pass
NVNT	ac40	5190	Ant2	44.478	Pass
NVNT	ac40	5230	Ant2	45.078	Pass
NVNT	ac80	5210	Ant1	89.34	Pass
NVNT	ac80	5210	Ant2	87.408	Pass
NVNT	ac160	5250	Ant1	161.04	Pass
NVNT	ac160	5250	Ant2	160.896	Pass
NVNT	ax160	5250	Ant1	161.208	Pass
NVNT	ax160	5250	Ant2	160.968	Pass
NVNT	ax20	5180	Ant1	24.321	Pass
NVNT	ax20	5200	Ant1	24.636	Pass
NVNT	ax20	5240	Ant1	23.352	Pass
NVNT	ax20	5180	Ant2	23.64	Pass
NVNT	ax20	5200	Ant2	24.753	Pass
NVNT	ax20	5240	Ant2	22.377	Pass
NVNT	ax40	5190	Ant1	44.322	Pass
NVNT	ax40	5230	Ant1	44.676	Pass
NVNT	ax40	5190	Ant2	44.682	Pass

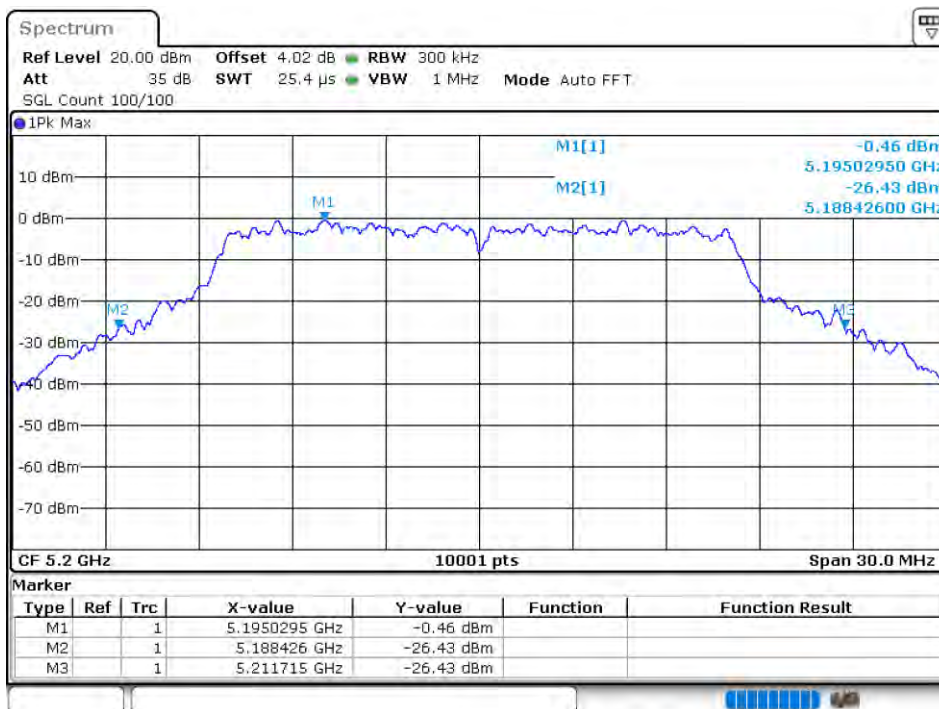
NVNT	ax40	5230	Ant2	43.356	Pass
NVNT	ax80	5210	Ant1	84.972	Pass
NVNT	ax80	5210	Ant2	85.416	Pass

Test Graphs

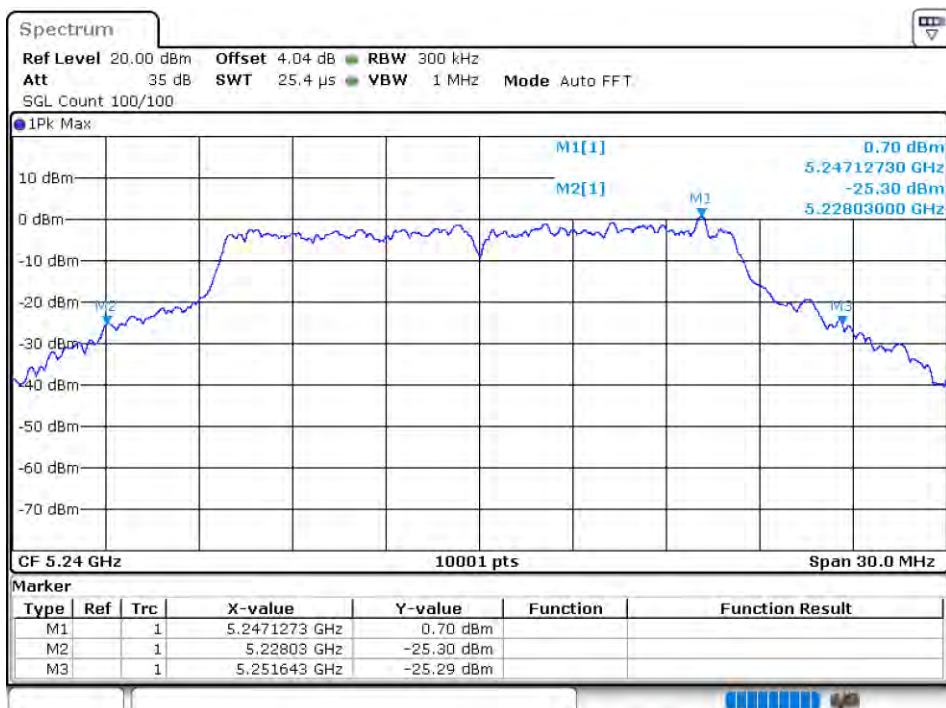
-26dB Bandwidth NVNT a 5180MHz Ant1



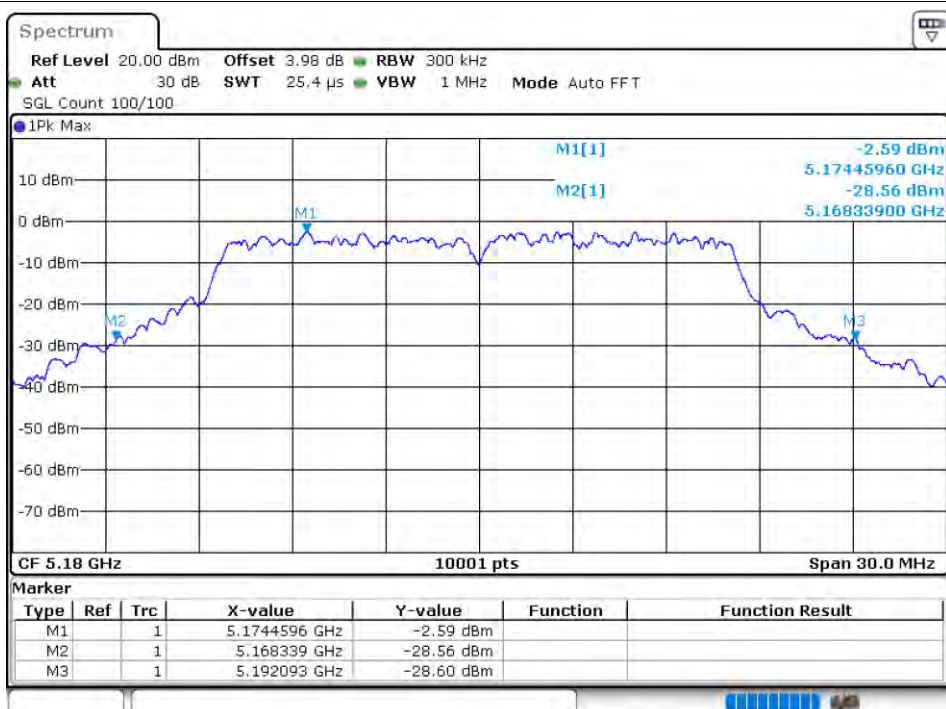
-26dB Bandwidth NVNT a 5200MHz Ant1



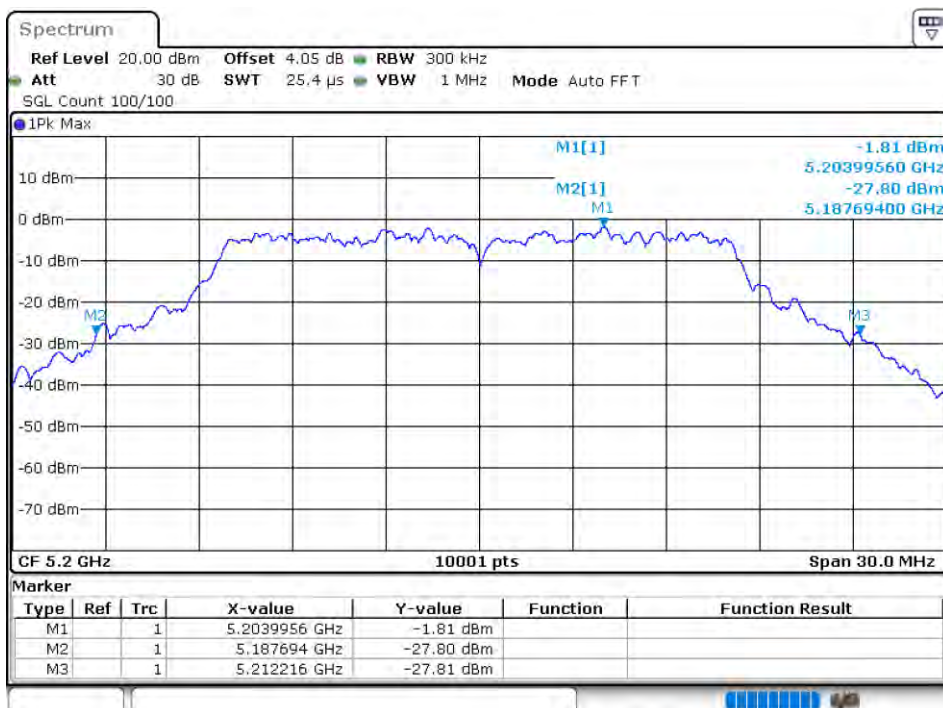
-26dB Bandwidth NVNT a 5240MHz Ant1



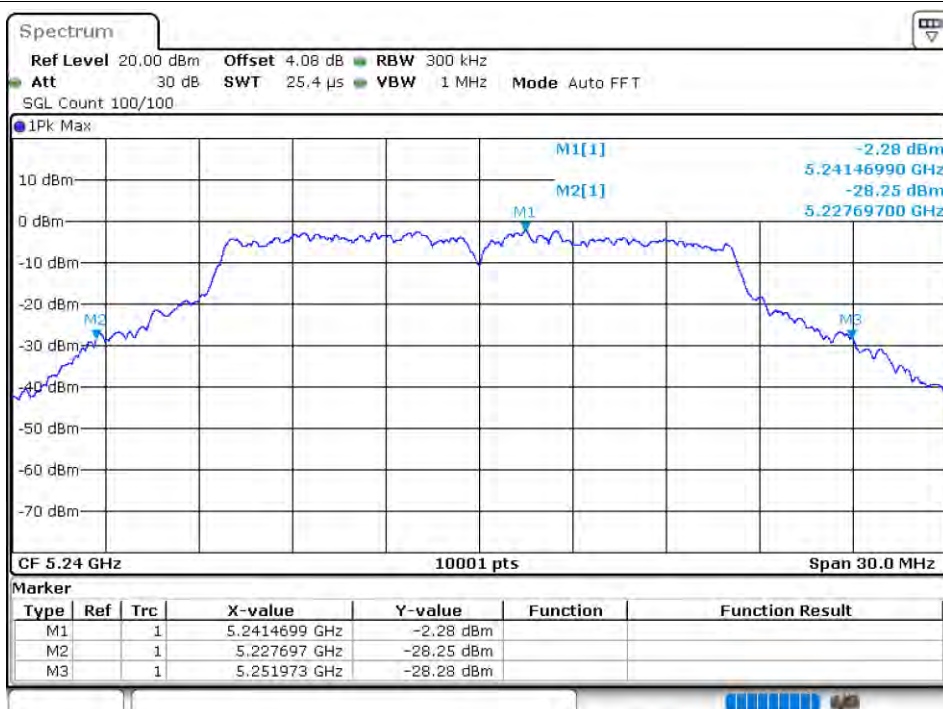
-26dB Bandwidth NVNT a 5180MHz Ant2

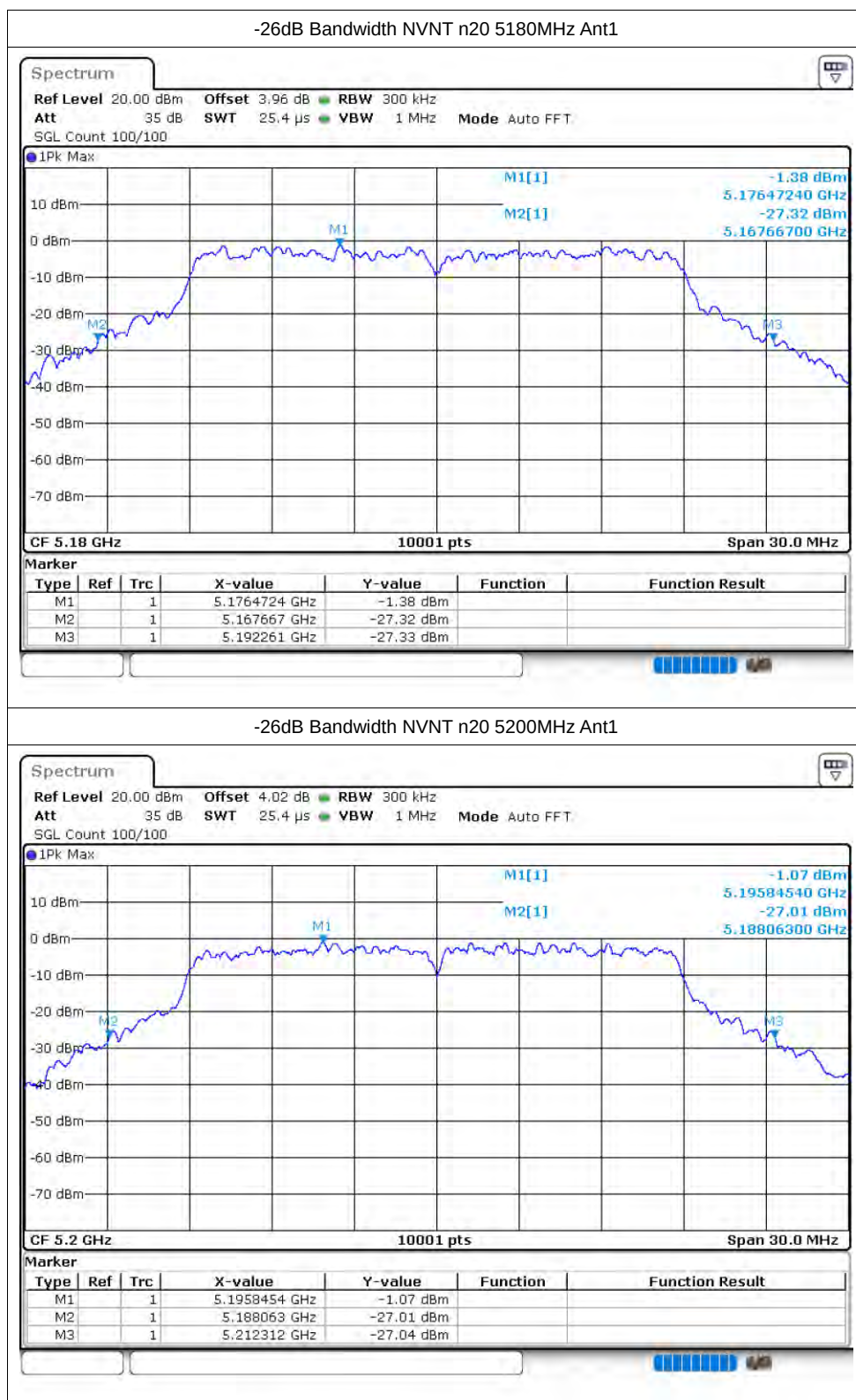


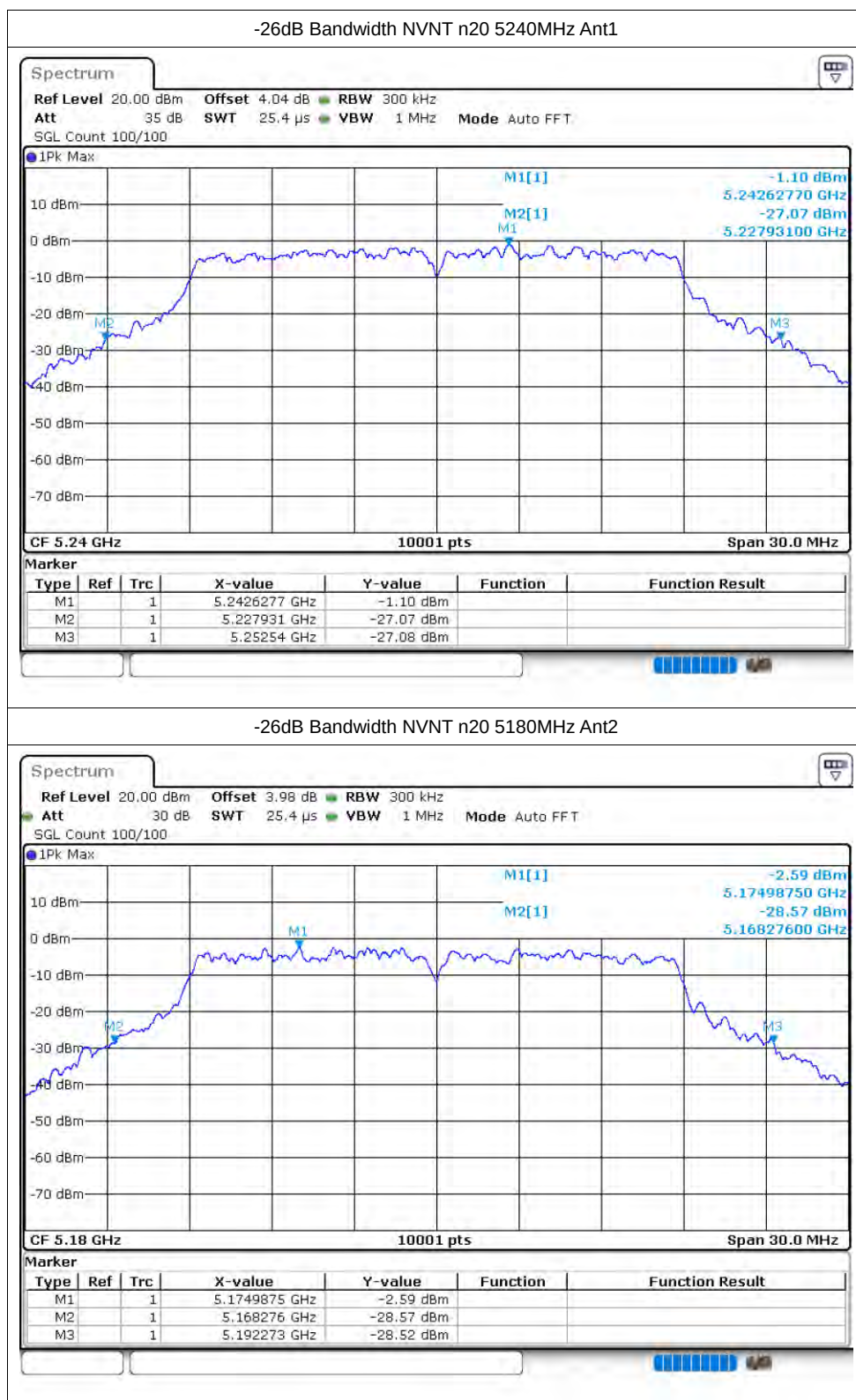
-26dB Bandwidth NVNT a 5200MHz Ant2

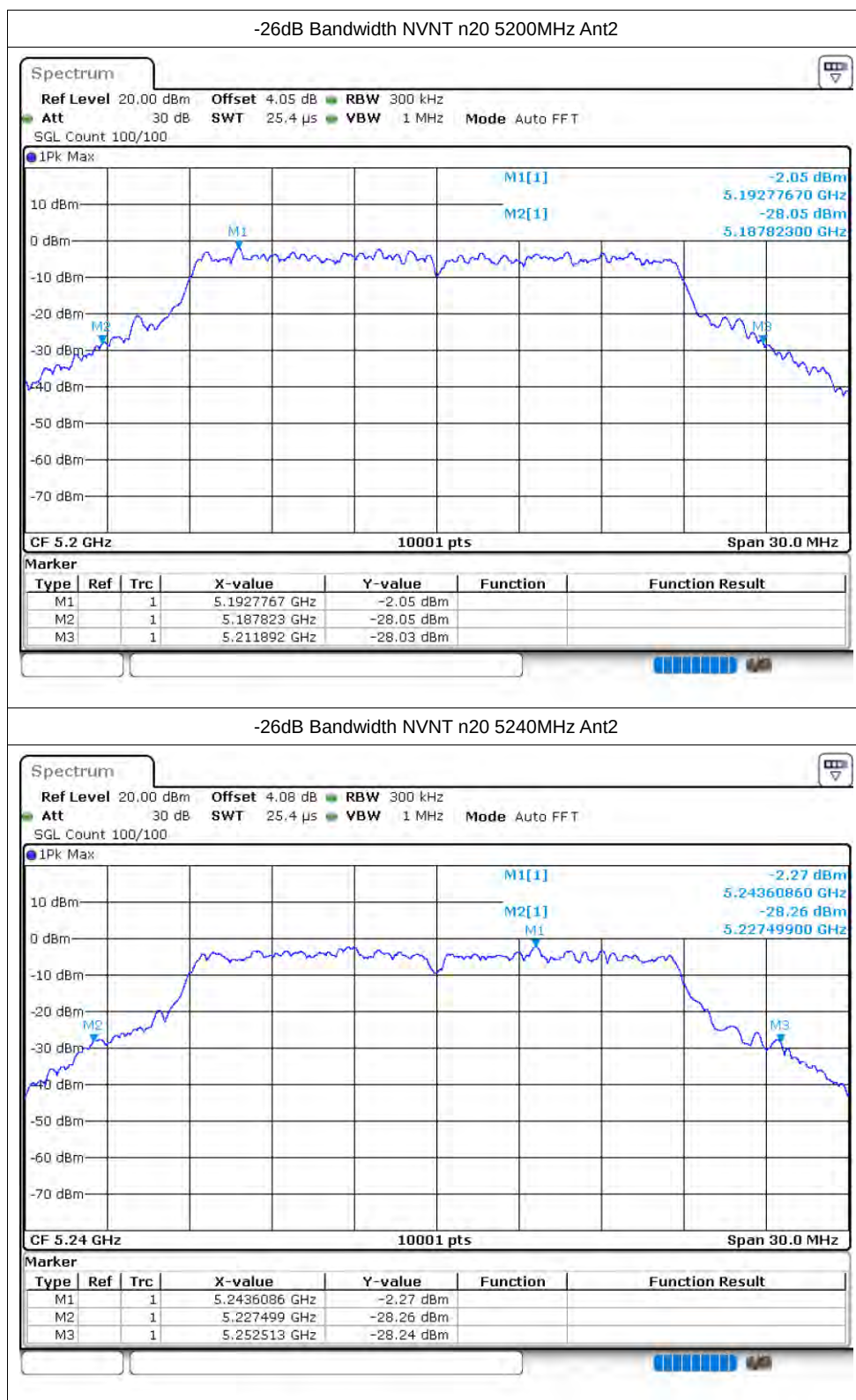


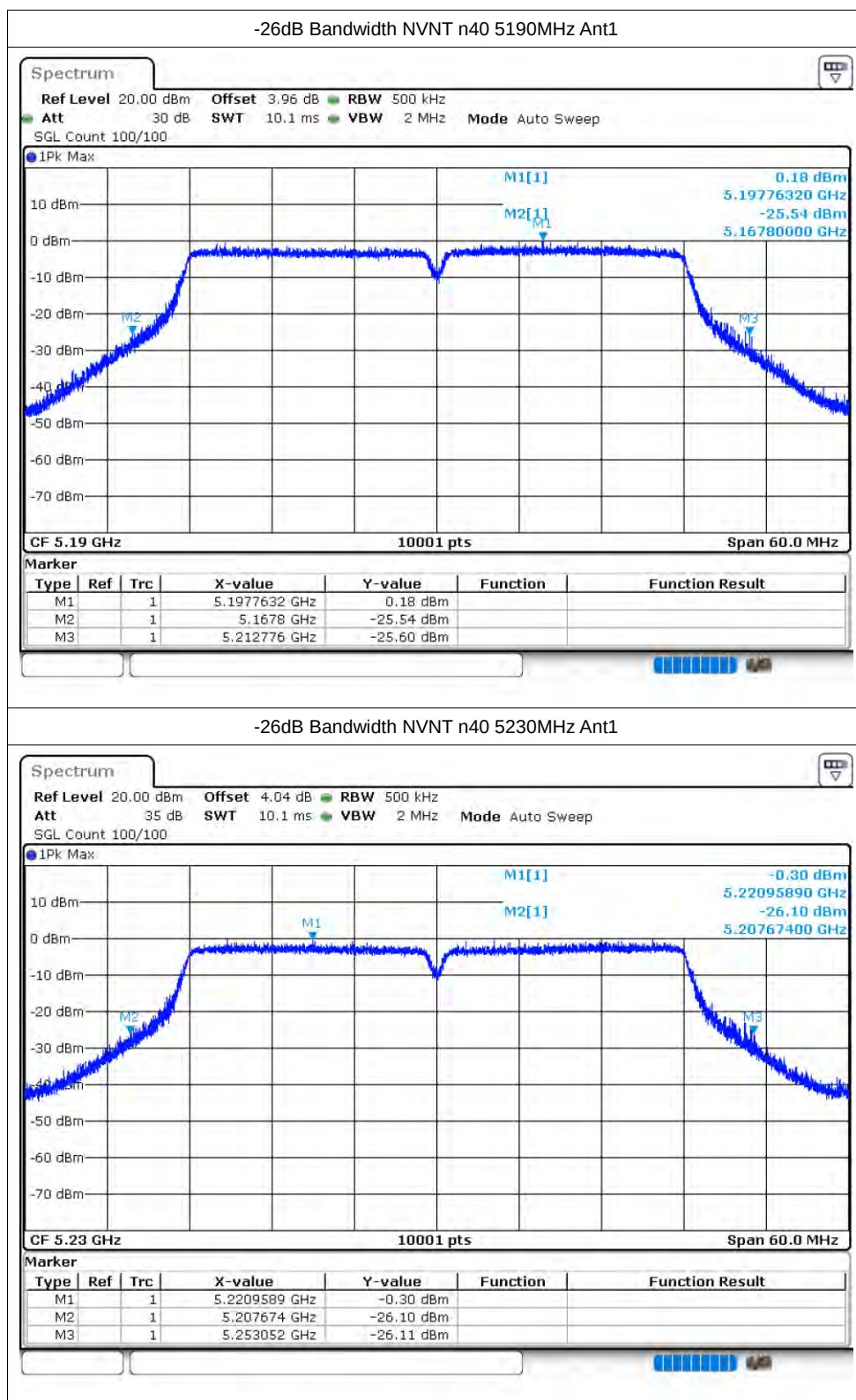
-26dB Bandwidth NVNT a 5240MHz Ant2

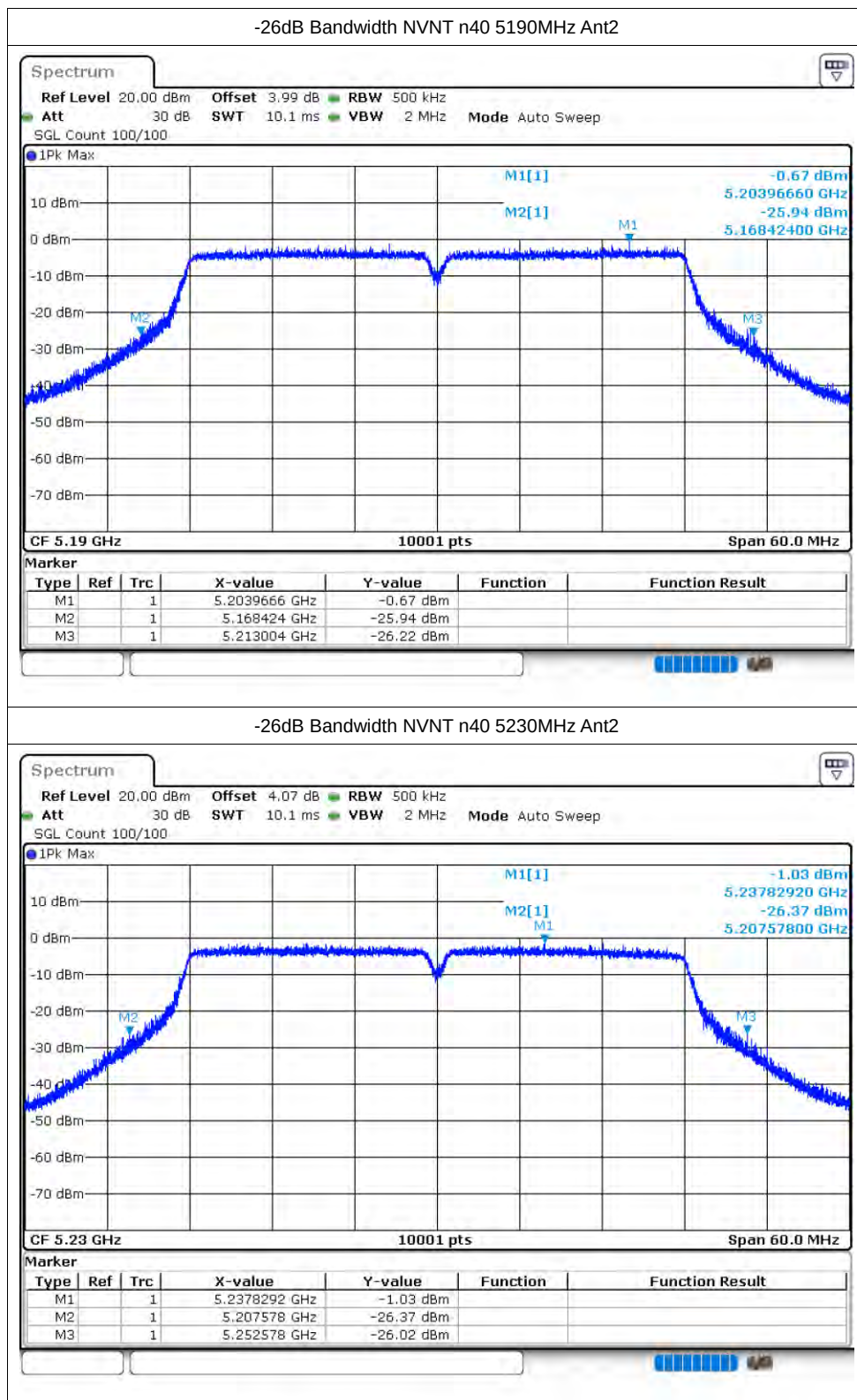




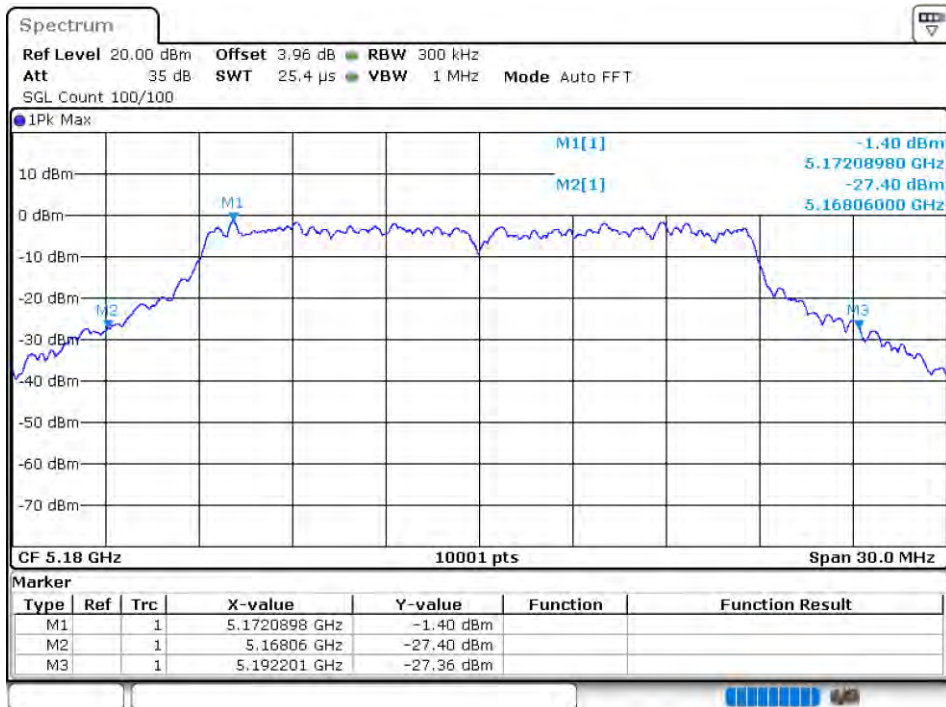




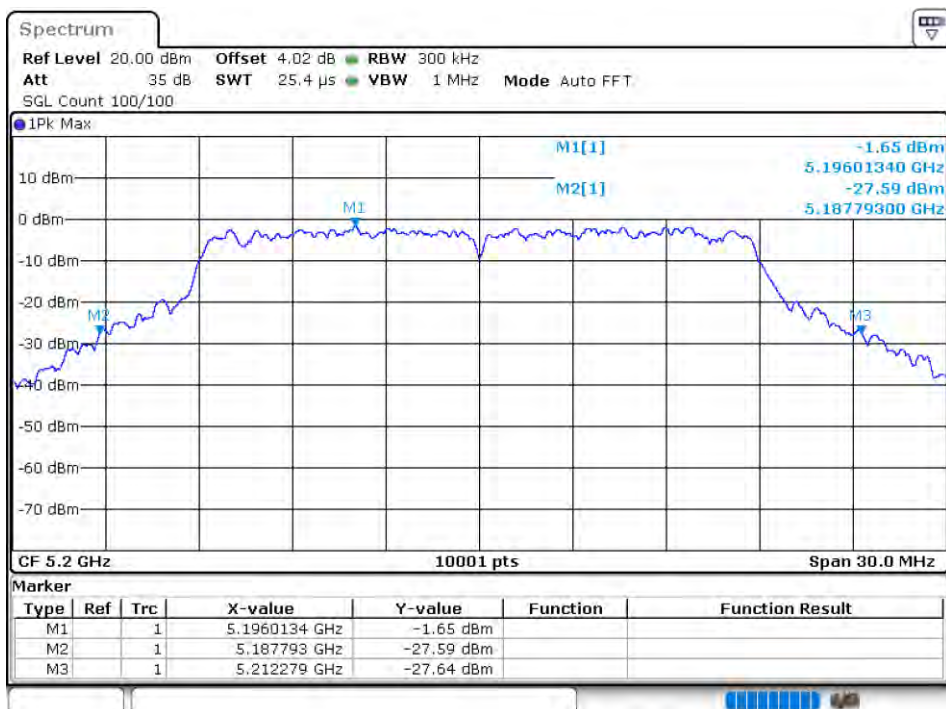




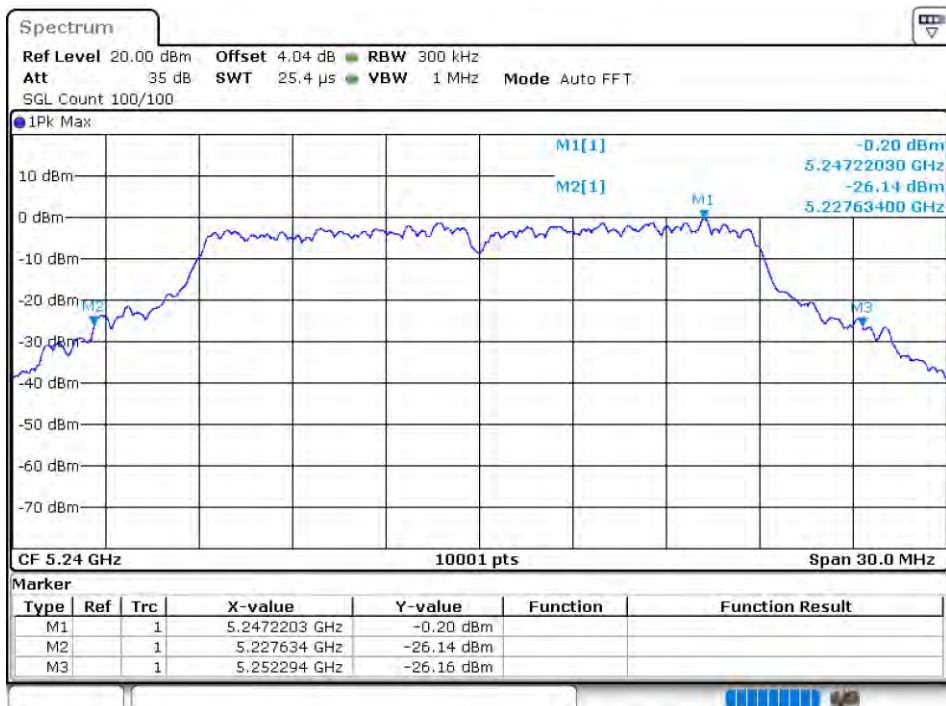
-26dB Bandwidth NVNT ac20 5180MHz Ant1



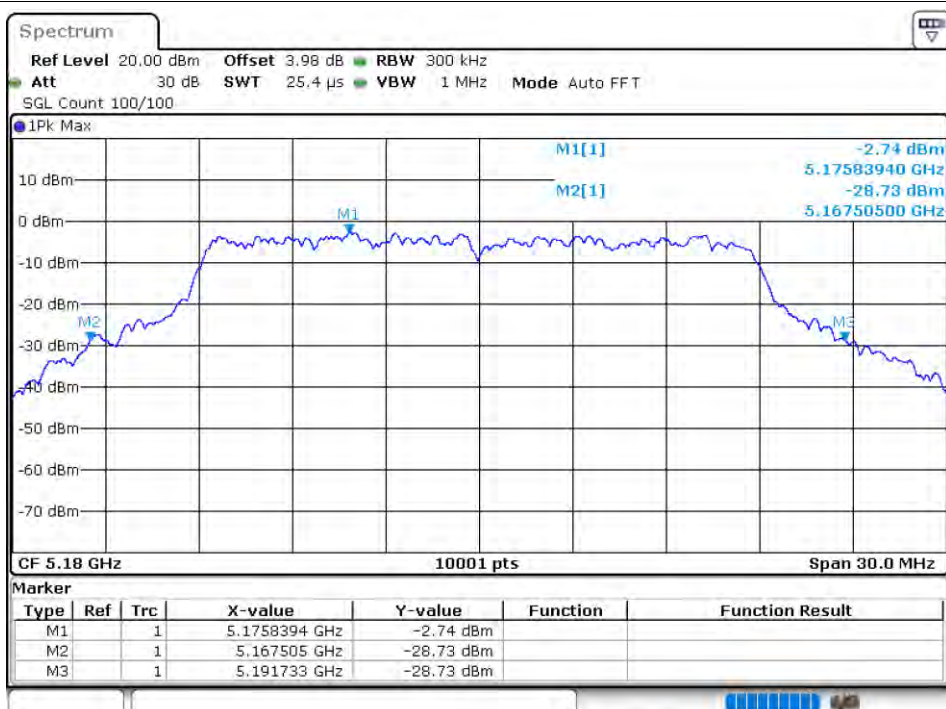
-26dB Bandwidth NVNT ac20 5200MHz Ant1



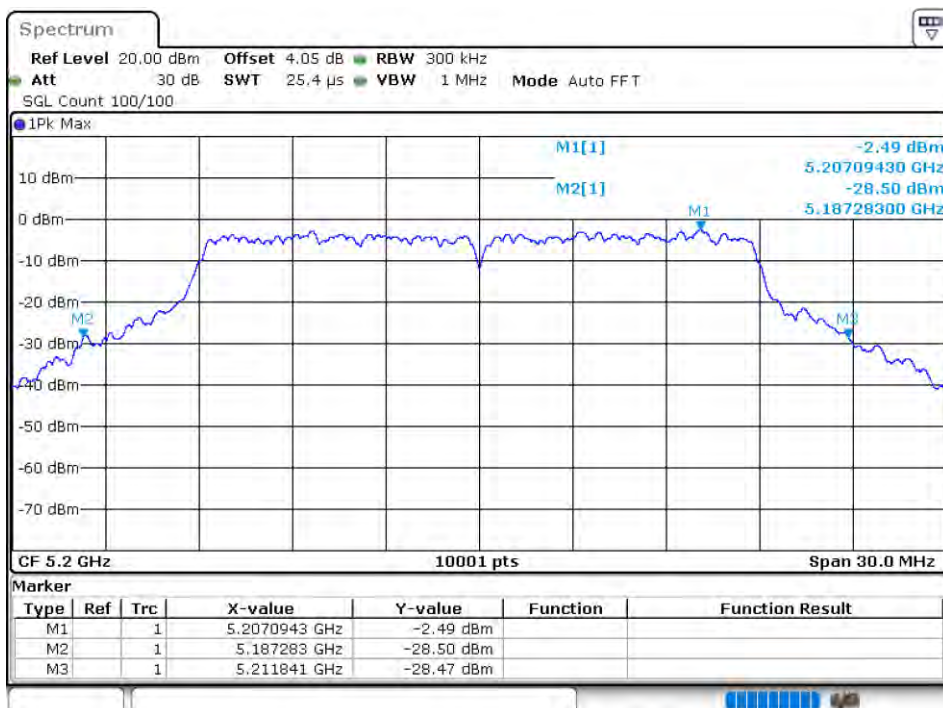
-26dB Bandwidth NVNT ac20 5240MHz Ant1



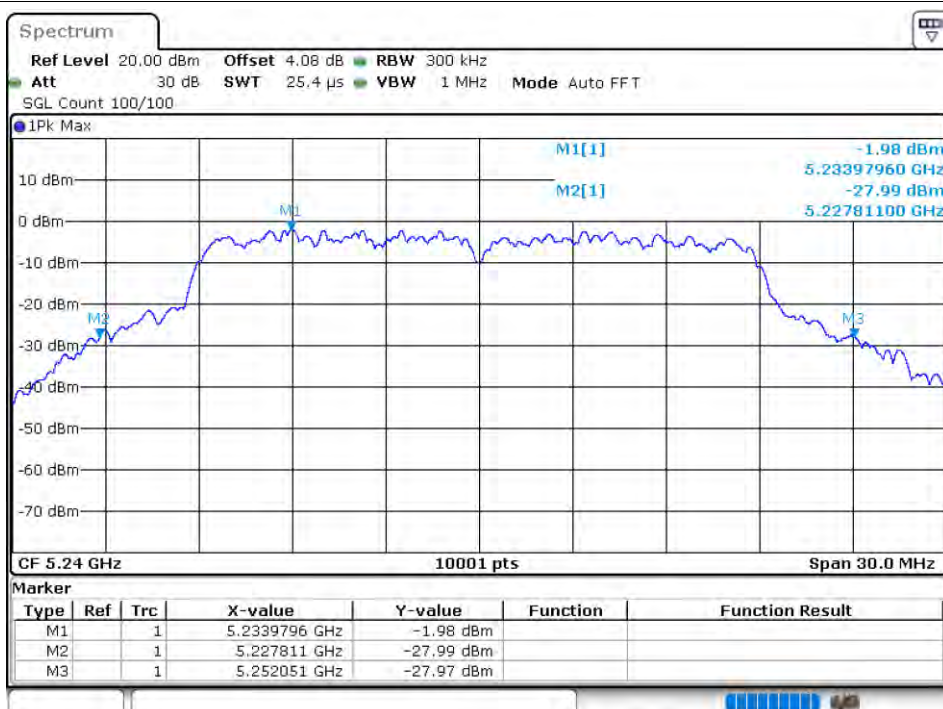
-26dB Bandwidth NVNT ac20 5180MHz Ant2

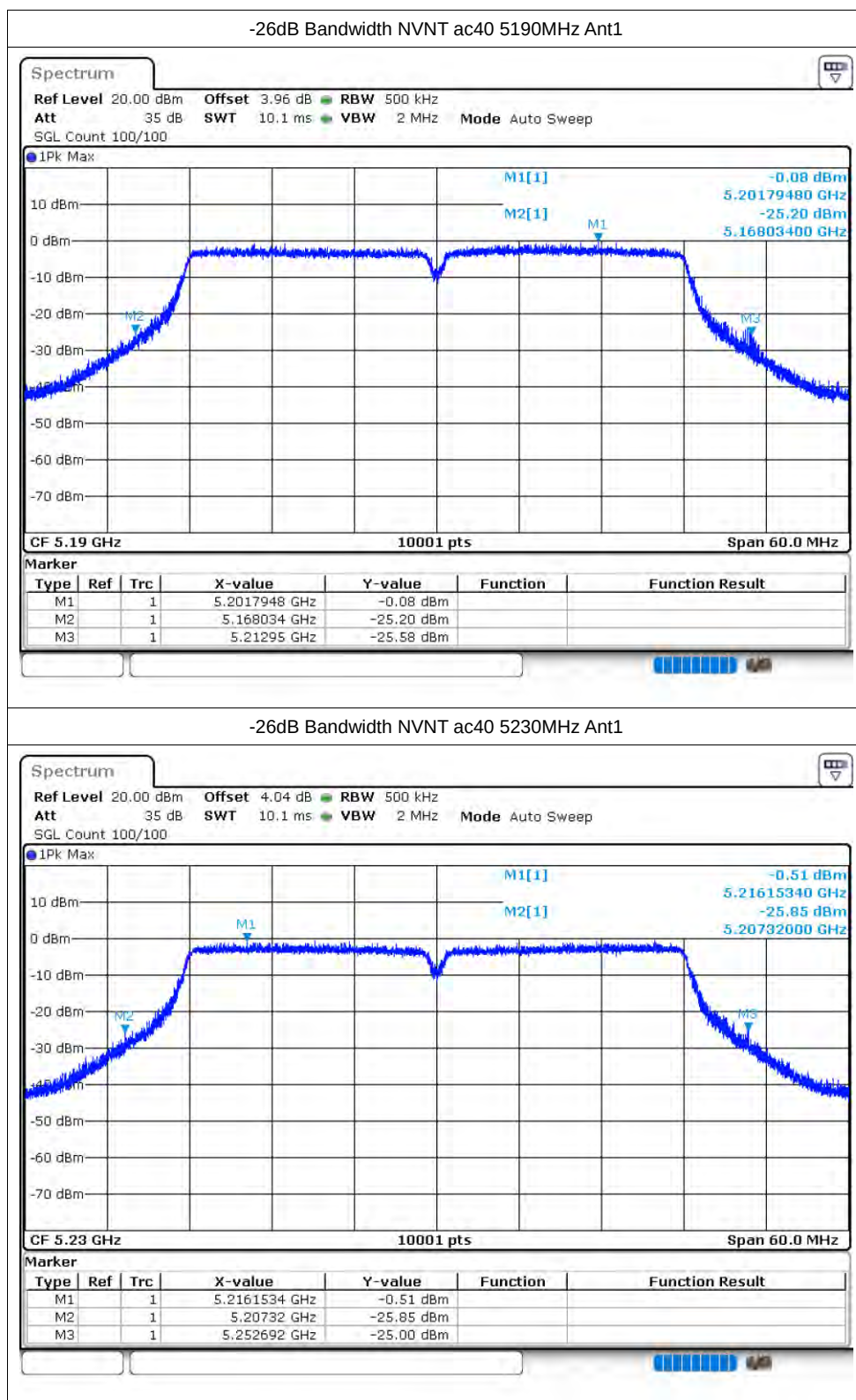


-26dB Bandwidth NVNT ac20 5200MHz Ant2

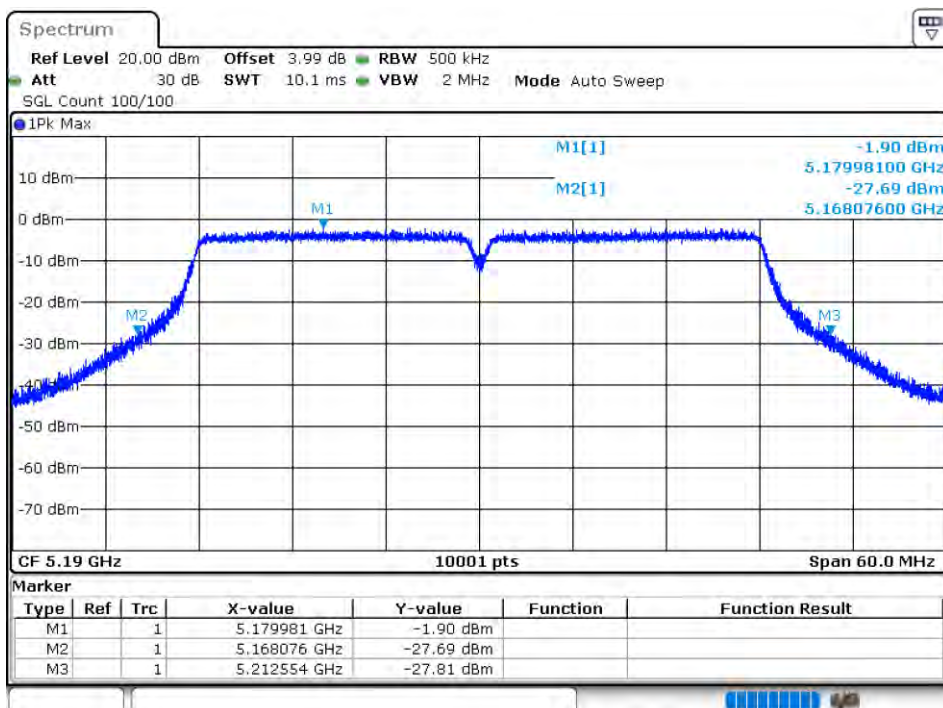


-26dB Bandwidth NVNT ac20 5240MHz Ant2

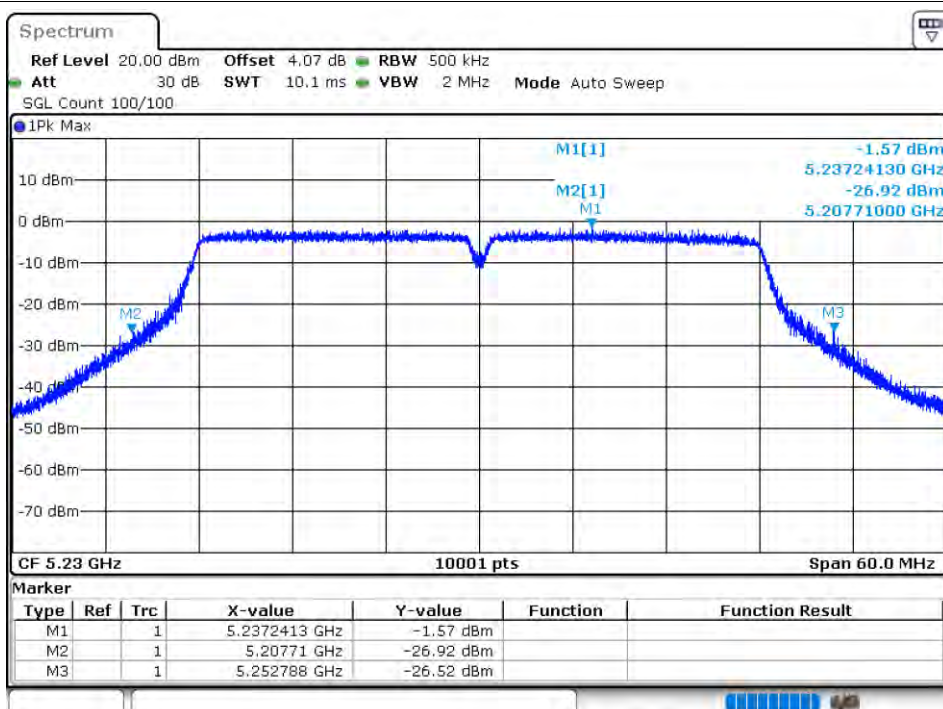




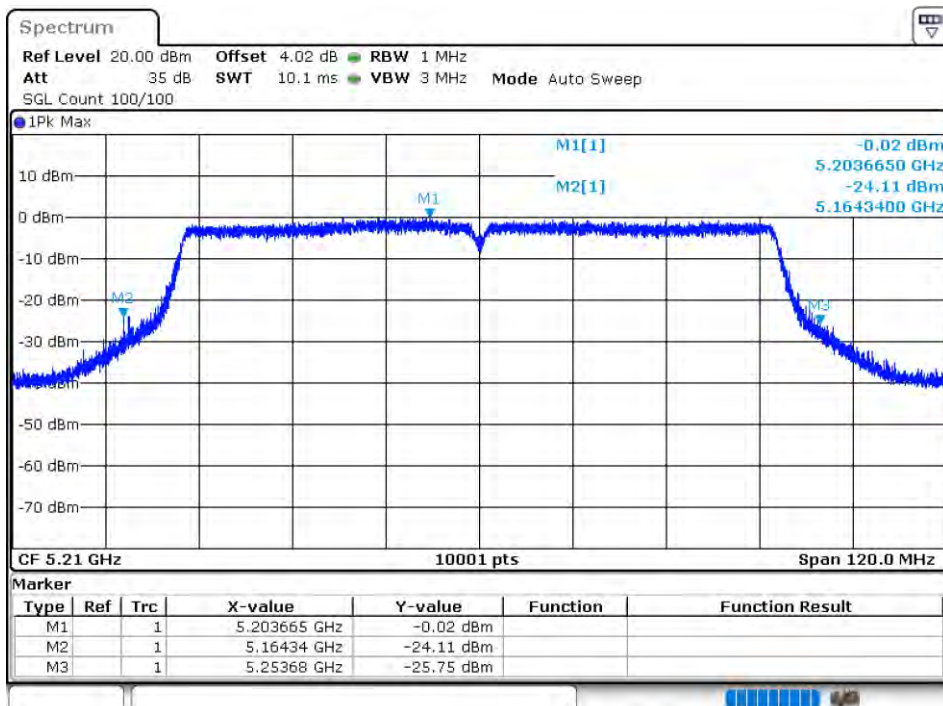
-26dB Bandwidth NVNT ac40 5190MHz Ant2



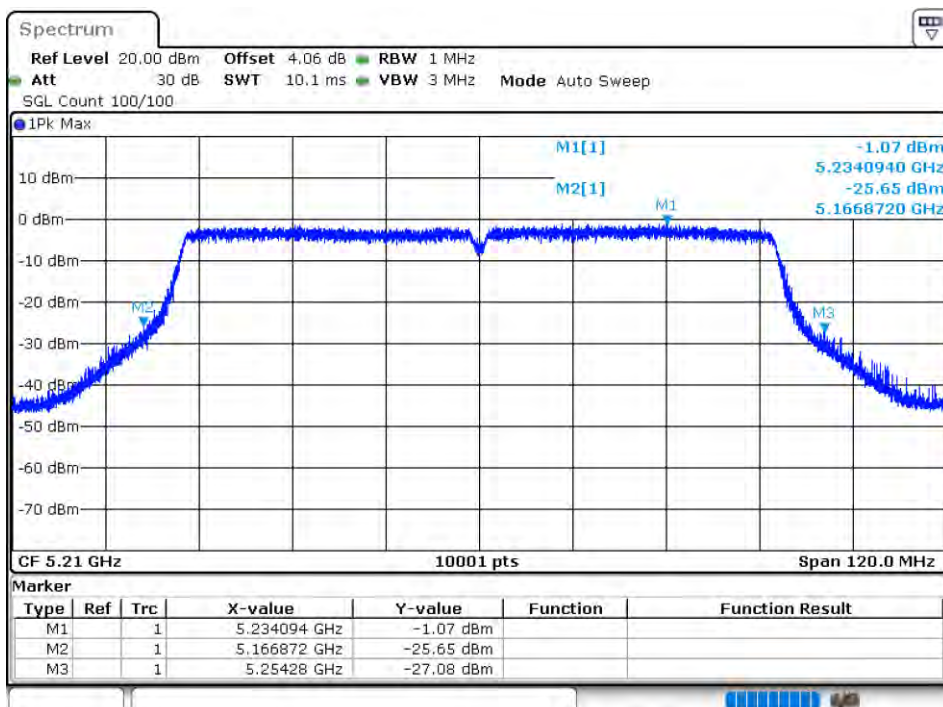
-26dB Bandwidth NVNT ac40 5230MHz Ant2



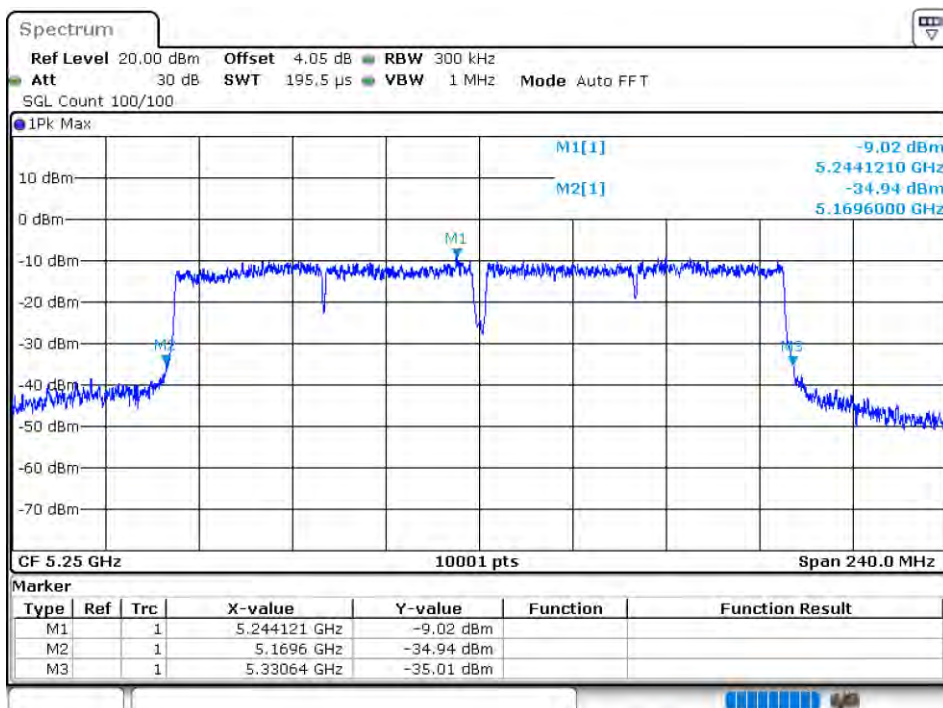
-26dB Bandwidth NVNT ac80 5210MHz Ant1



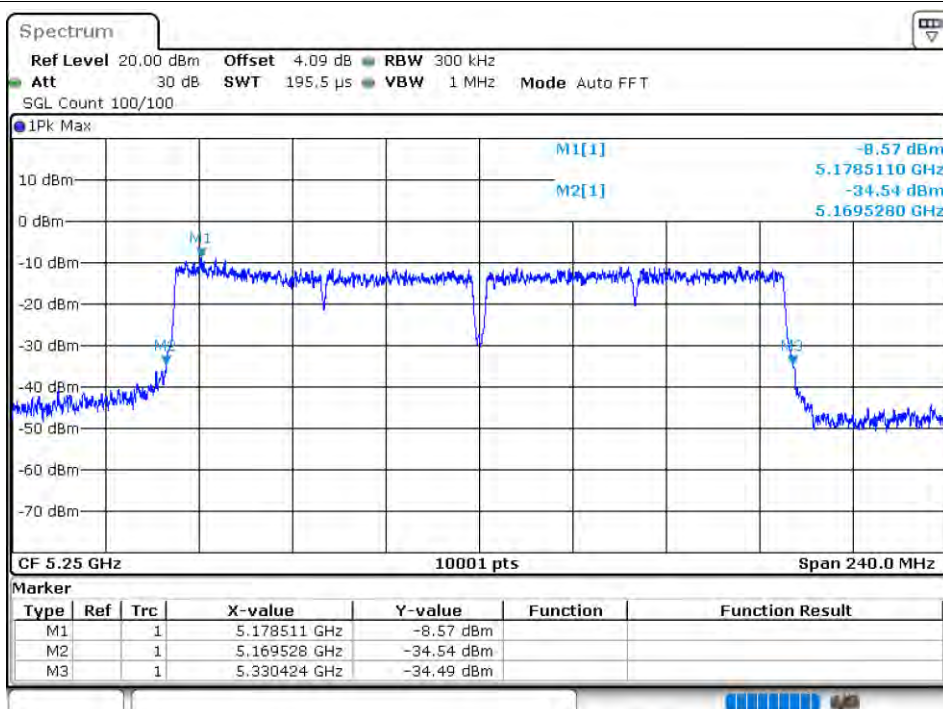
-26dB Bandwidth NVNT ac80 5210MHz Ant2



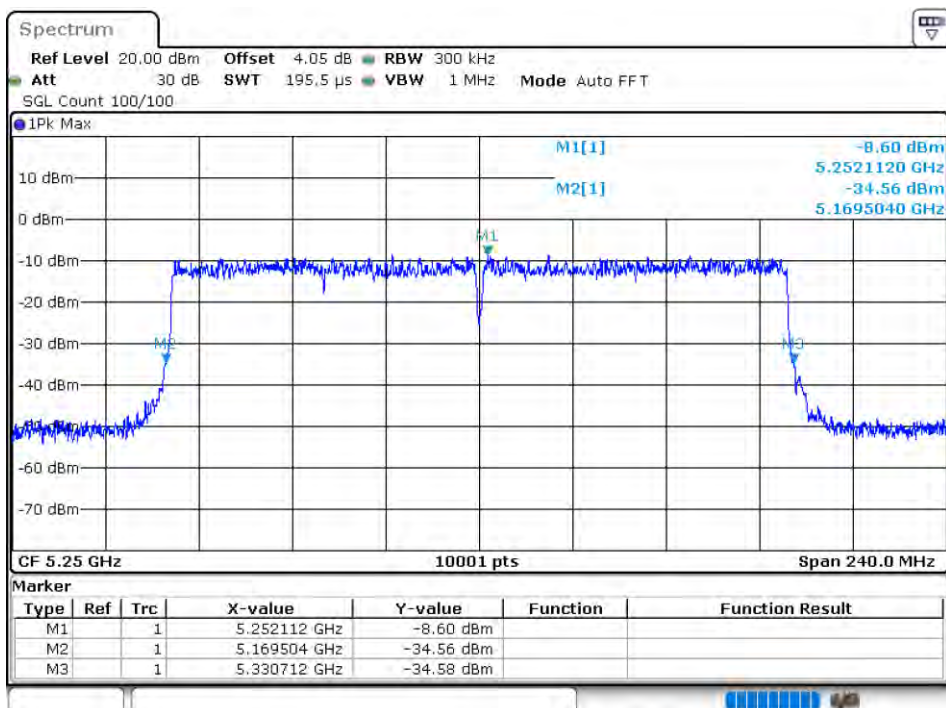
-26dB Bandwidth NVNT ac160 5250MHz Ant1



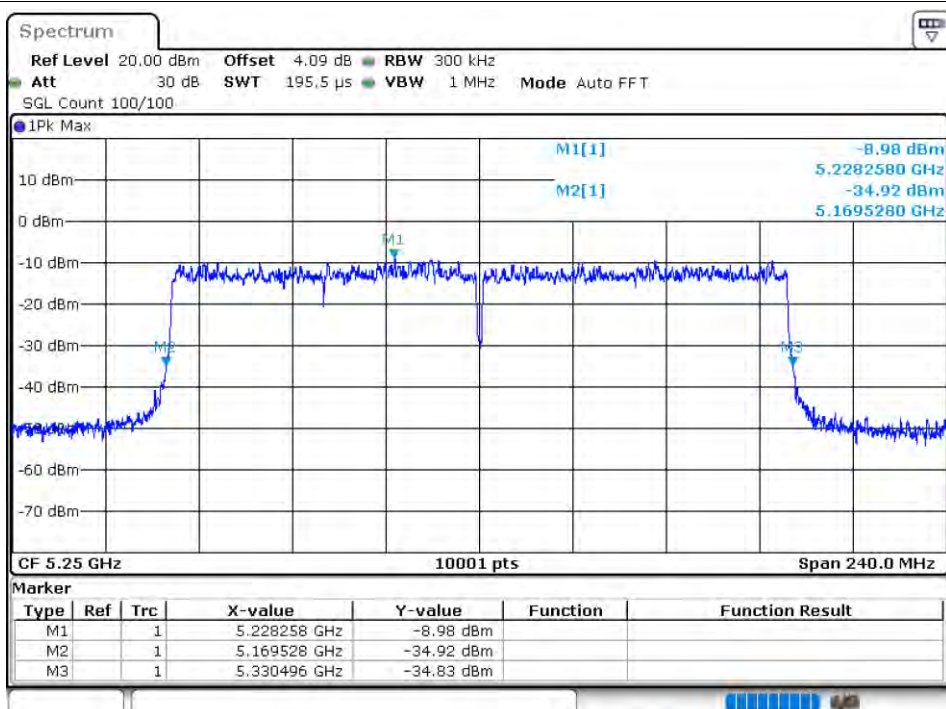
-26dB Bandwidth NVNT ac160 5250MHz Ant2



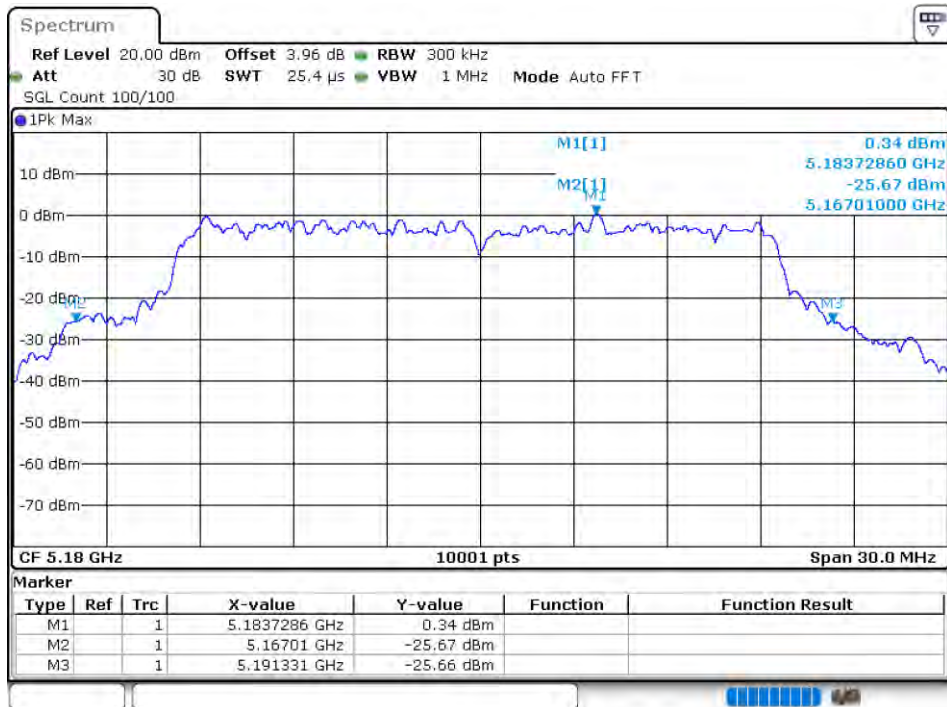
-26dB Bandwidth NVNT ax160 5250MHz Ant1



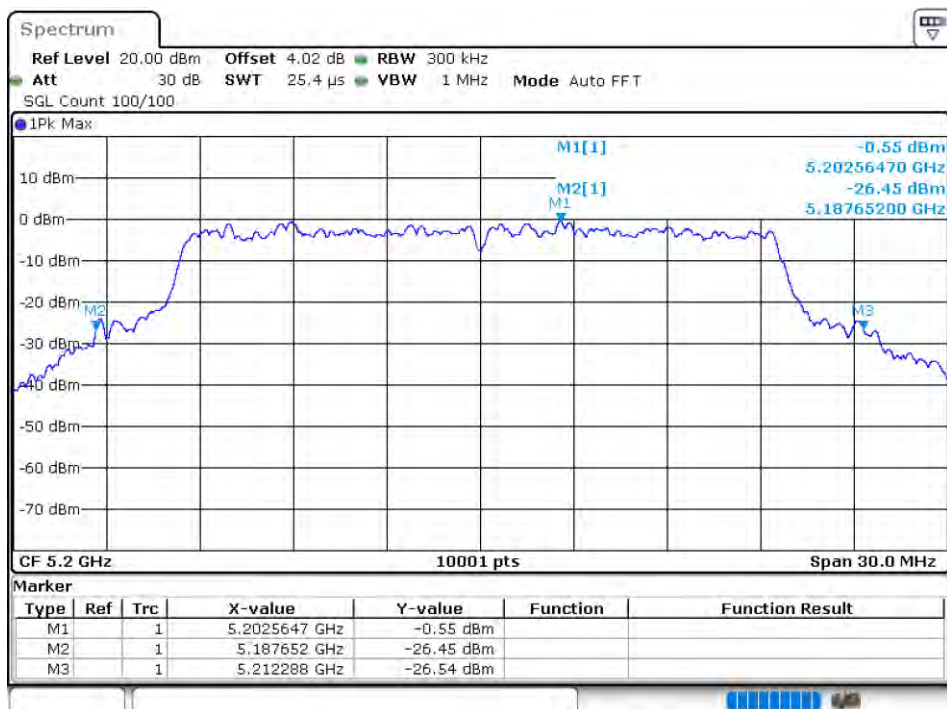
-26dB Bandwidth NVNT ax160 5250MHz Ant2



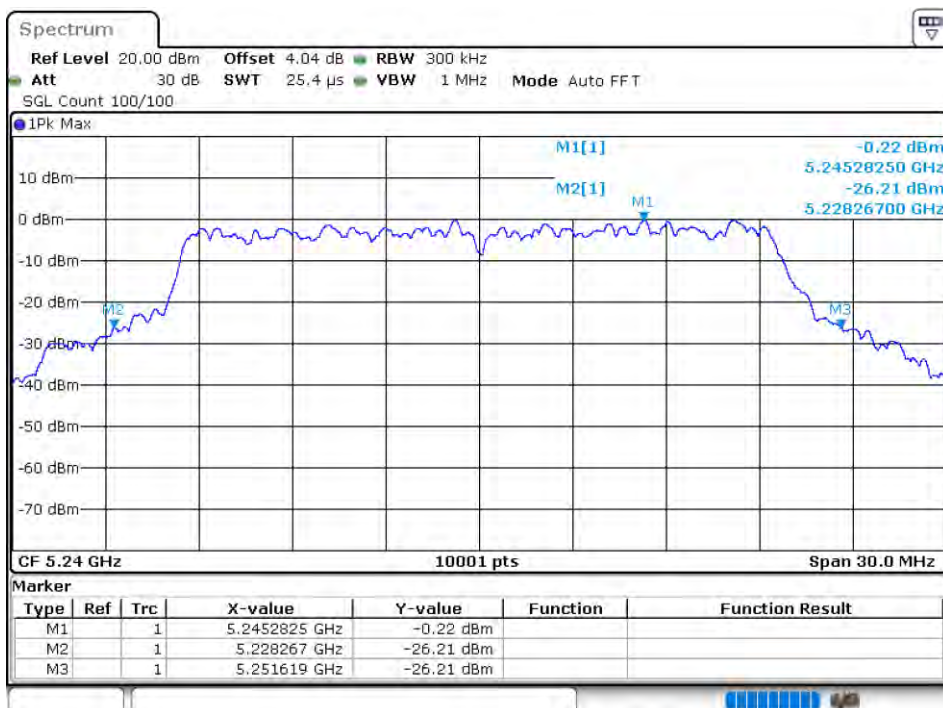
-26dB Bandwidth NVNT ax20 5180MHz Ant1



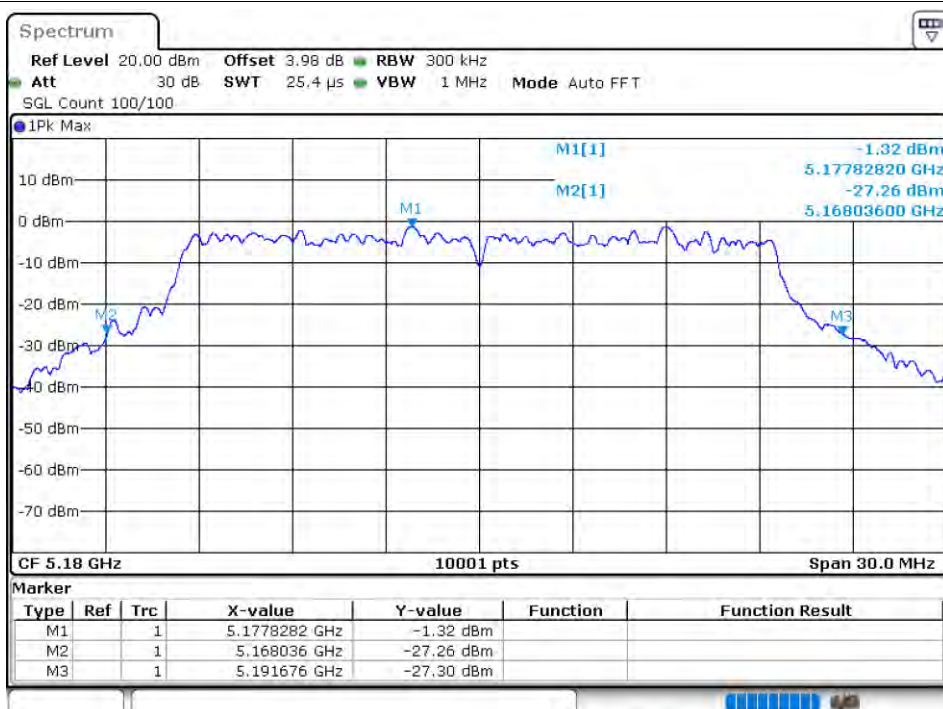
-26dB Bandwidth NVNT ax20 5200MHz Ant1



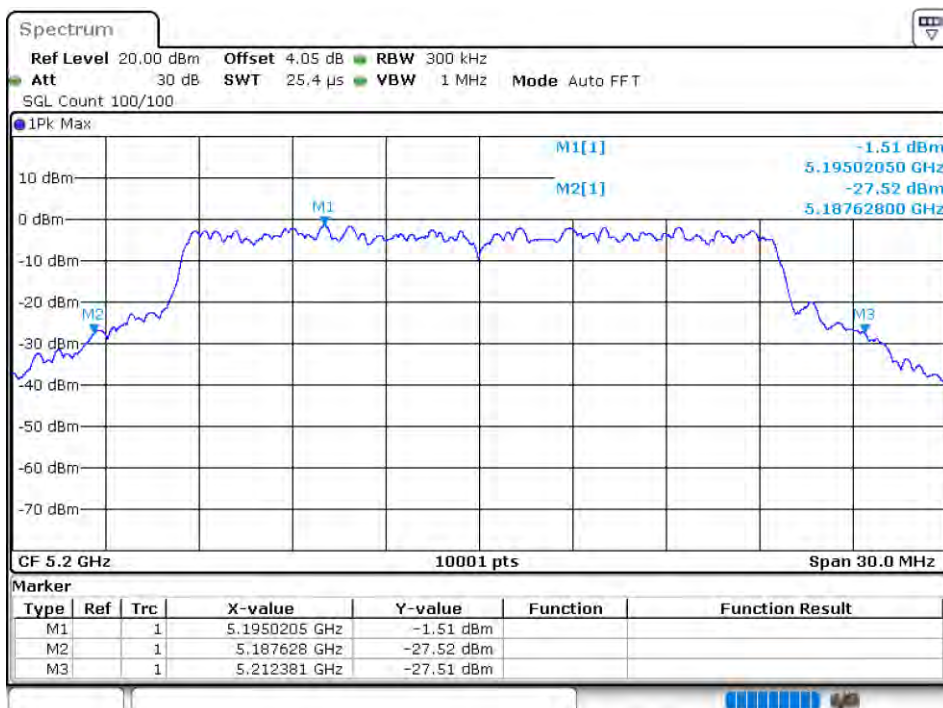
-26dB Bandwidth NVNT ax20 5240MHz Ant1



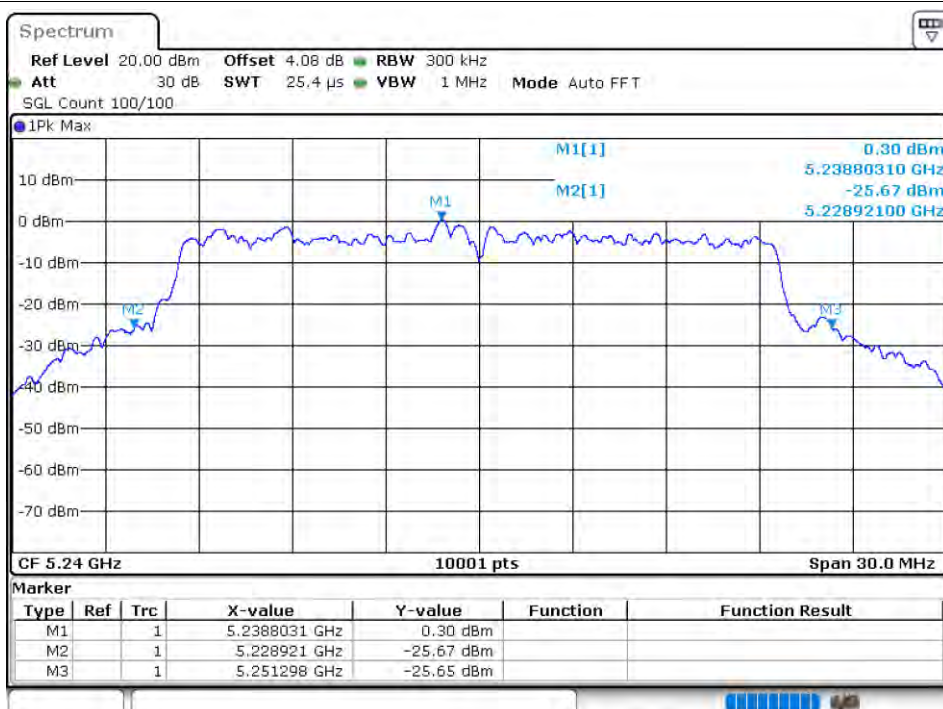
-26dB Bandwidth NVNT ax20 5180MHz Ant2



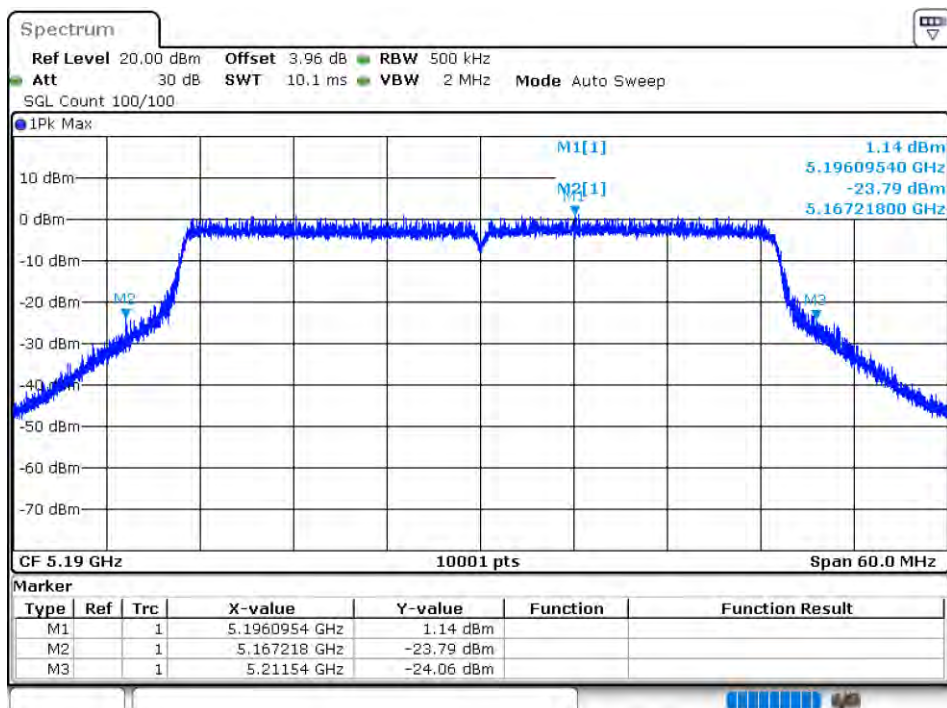
-26dB Bandwidth NVNT ax20 5200MHz Ant2



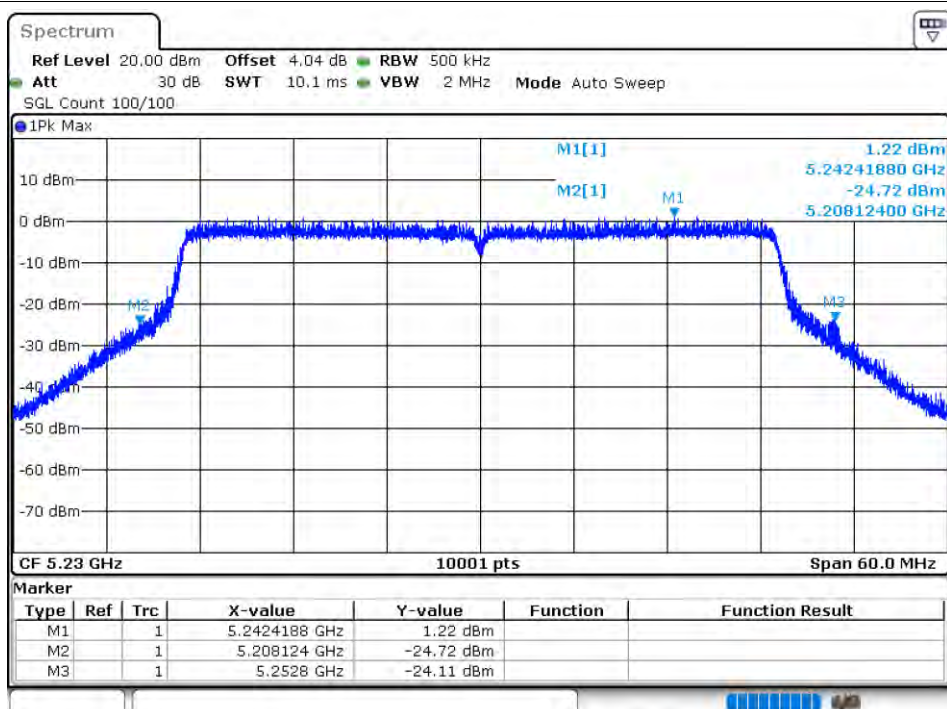
-26dB Bandwidth NVNT ax20 5240MHz Ant2



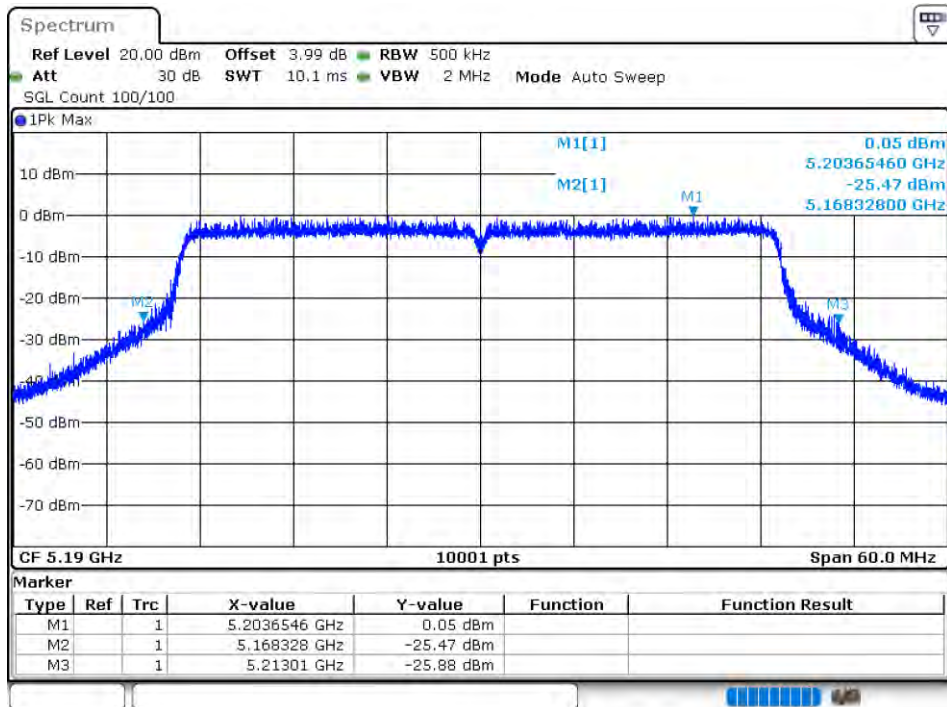
-26dB Bandwidth NVNT ax40 5190MHz Ant1



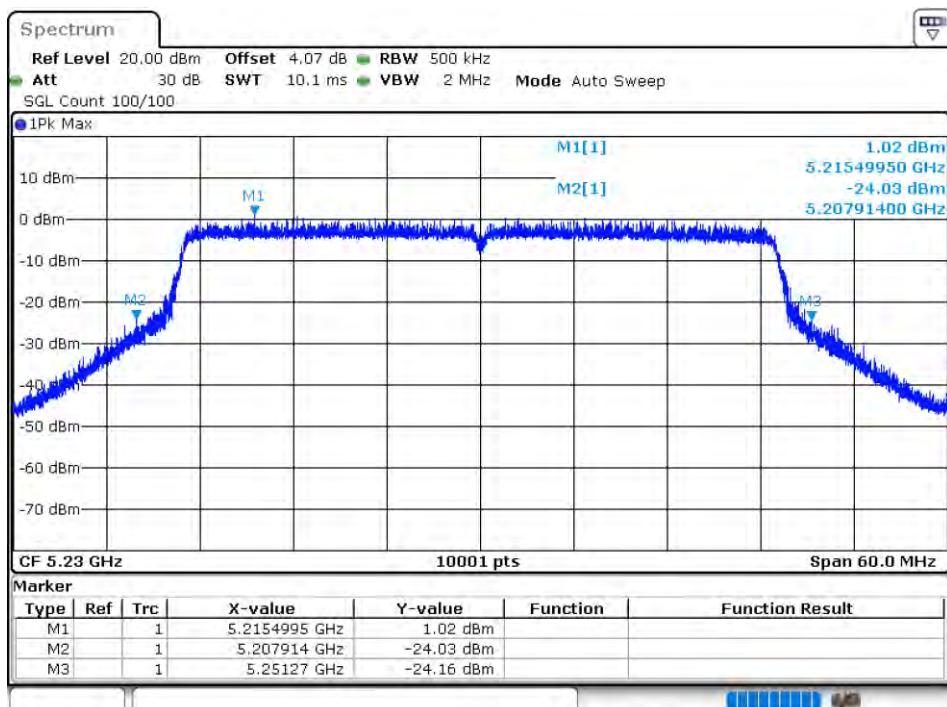
-26dB Bandwidth NVNT ax40 5230MHz Ant1



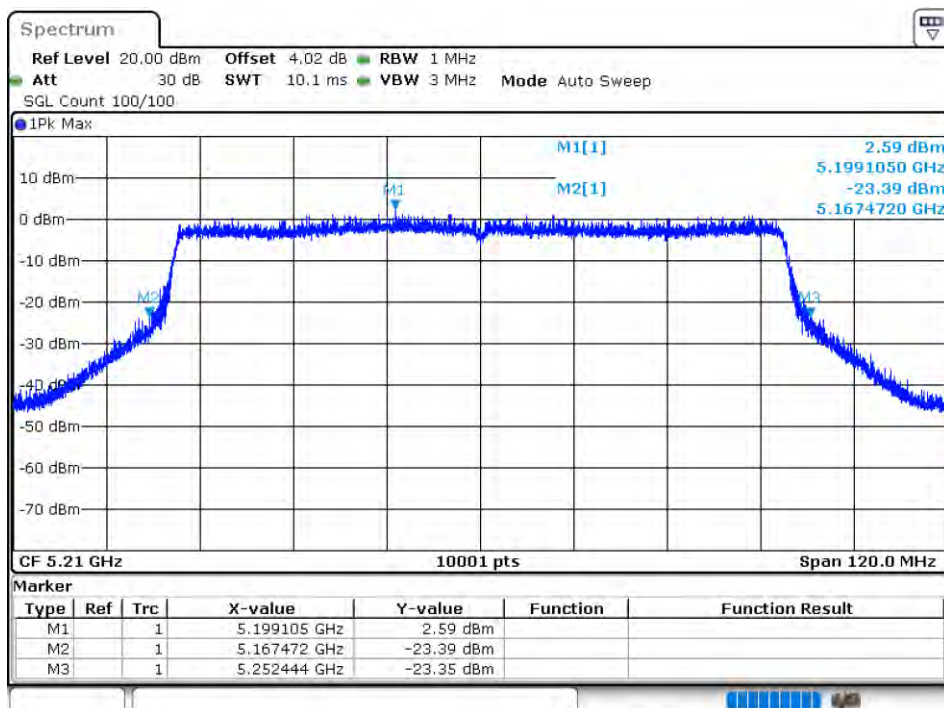
-26dB Bandwidth NVNT ax40 5190MHz Ant2



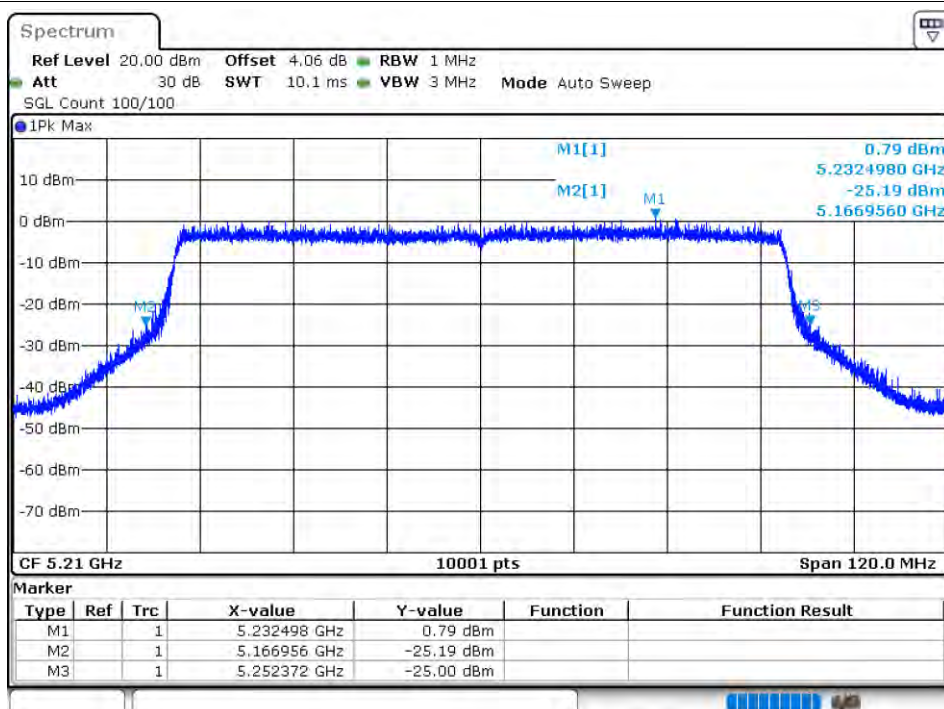
-26dB Bandwidth NVNT ax40 5230MHz Ant2



-26dB Bandwidth NVNT ax80 5210MHz Ant1



-26dB Bandwidth NVNT ax80 5210MHz Ant2



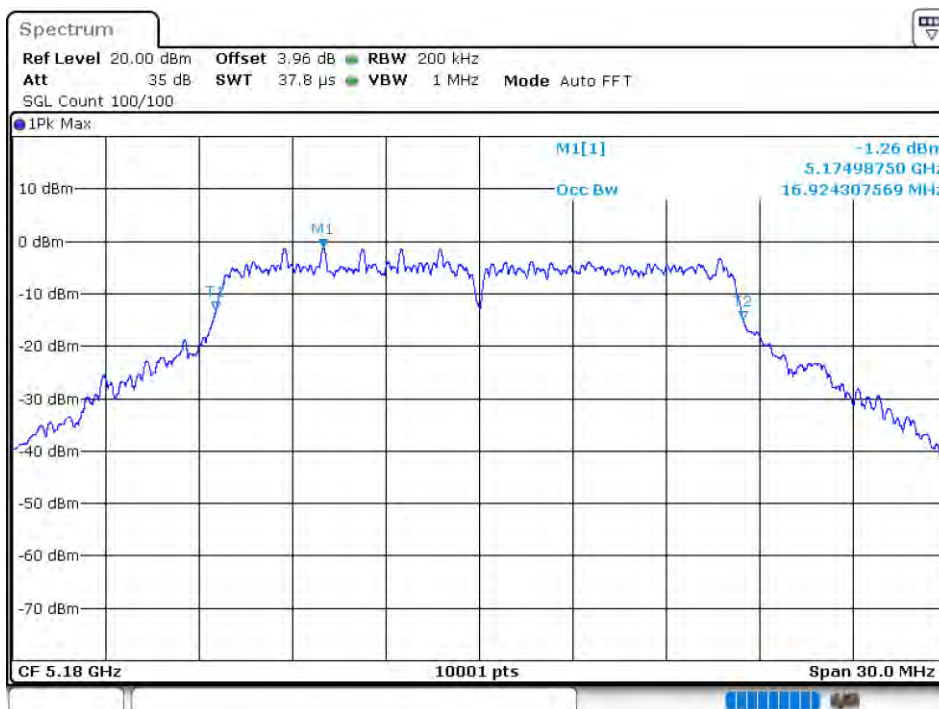
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.924
NVNT	a	5200	Ant1	16.936
NVNT	a	5240	Ant1	16.873
NVNT	a	5180	Ant2	16.798
NVNT	a	5200	Ant2	17.104
NVNT	a	5240	Ant2	16.822
NVNT	n20	5180	Ant1	17.935
NVNT	n20	5200	Ant1	17.77
NVNT	n20	5240	Ant1	17.932
NVNT	n20	5180	Ant2	17.893
NVNT	n20	5200	Ant2	17.917
NVNT	n20	5240	Ant2	17.83
NVNT	n40	5190	Ant1	36.47
NVNT	n40	5230	Ant1	36.53
NVNT	n40	5190	Ant2	36.506
NVNT	n40	5230	Ant2	36.404
NVNT	ac20	5180	Ant1	17.953
NVNT	ac20	5200	Ant1	17.833
NVNT	ac20	5240	Ant1	17.809
NVNT	ac20	5180	Ant2	17.923
NVNT	ac20	5200	Ant2	17.887
NVNT	ac20	5240	Ant2	17.857
NVNT	ac40	5190	Ant1	36.446
NVNT	ac40	5230	Ant1	36.53
NVNT	ac40	5190	Ant2	36.488
NVNT	ac40	5230	Ant2	36.428
NVNT	ac80	5210	Ant1	75.952
NVNT	ac80	5210	Ant2	75.868
NVNT	ac160	5250	Ant1	154.905
NVNT	ac160	5250	Ant2	155.312
NVNT	ax160	5250	Ant1	156.488
NVNT	ax160	5250	Ant2	156.416
NVNT	ax20	5180	Ant1	19.057
NVNT	ax20	5200	Ant1	18.979
NVNT	ax20	5240	Ant1	18.997
NVNT	ax20	5180	Ant2	18.979
NVNT	ax20	5200	Ant2	19.117
NVNT	ax20	5240	Ant2	19.084
NVNT	ax40	5190	Ant1	37.856
NVNT	ax40	5230	Ant1	37.886
NVNT	ax40	5190	Ant2	37.886

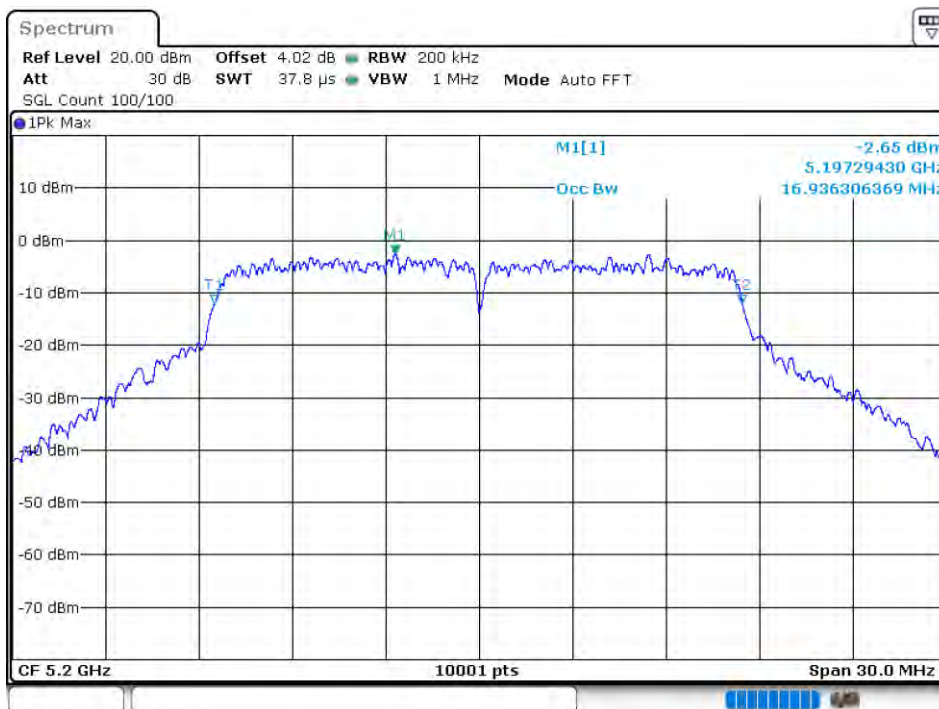
NVNT	ax40	5230	Ant2	37.79
NVNT	ax80	5210	Ant1	77.5
NVNT	ax80	5210	Ant2	77.392

Test Graphs

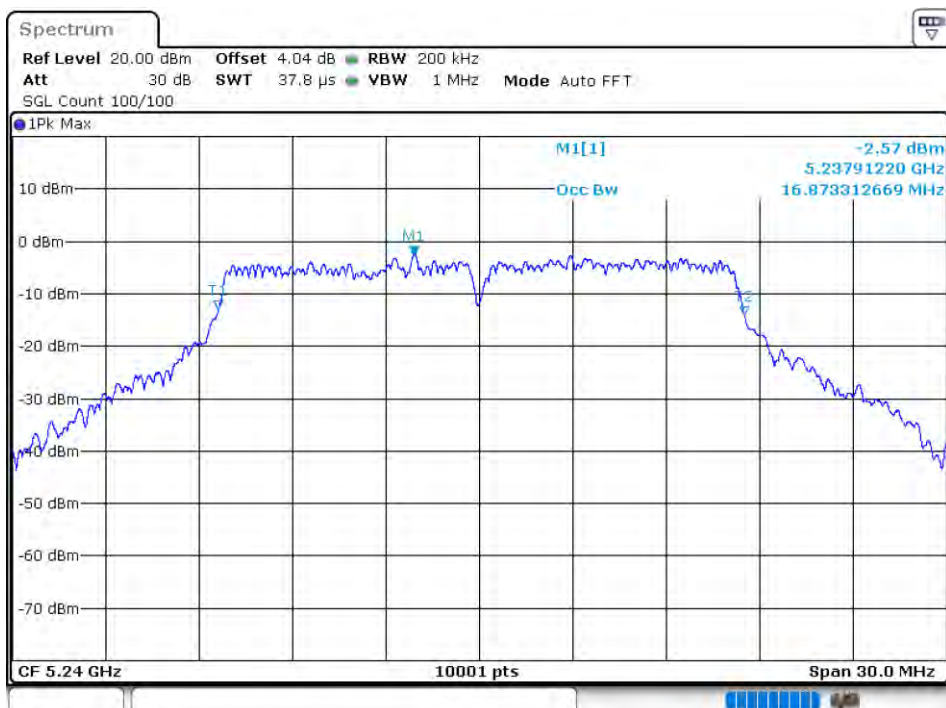
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



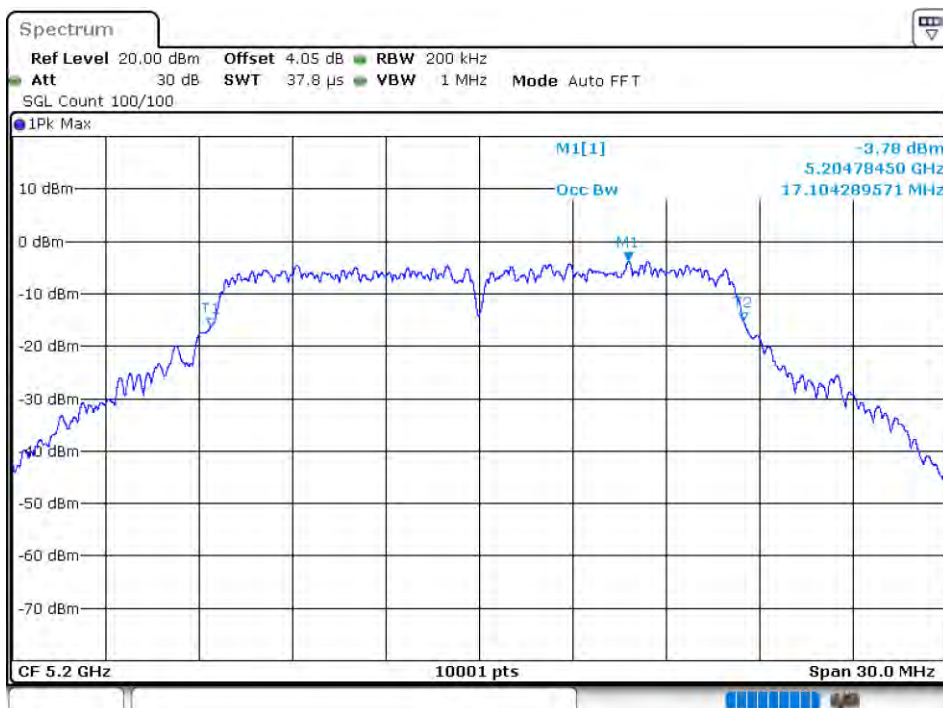
OBW NVNT a 5240MHz Ant1



OBW NVNT a 5180MHz Ant2

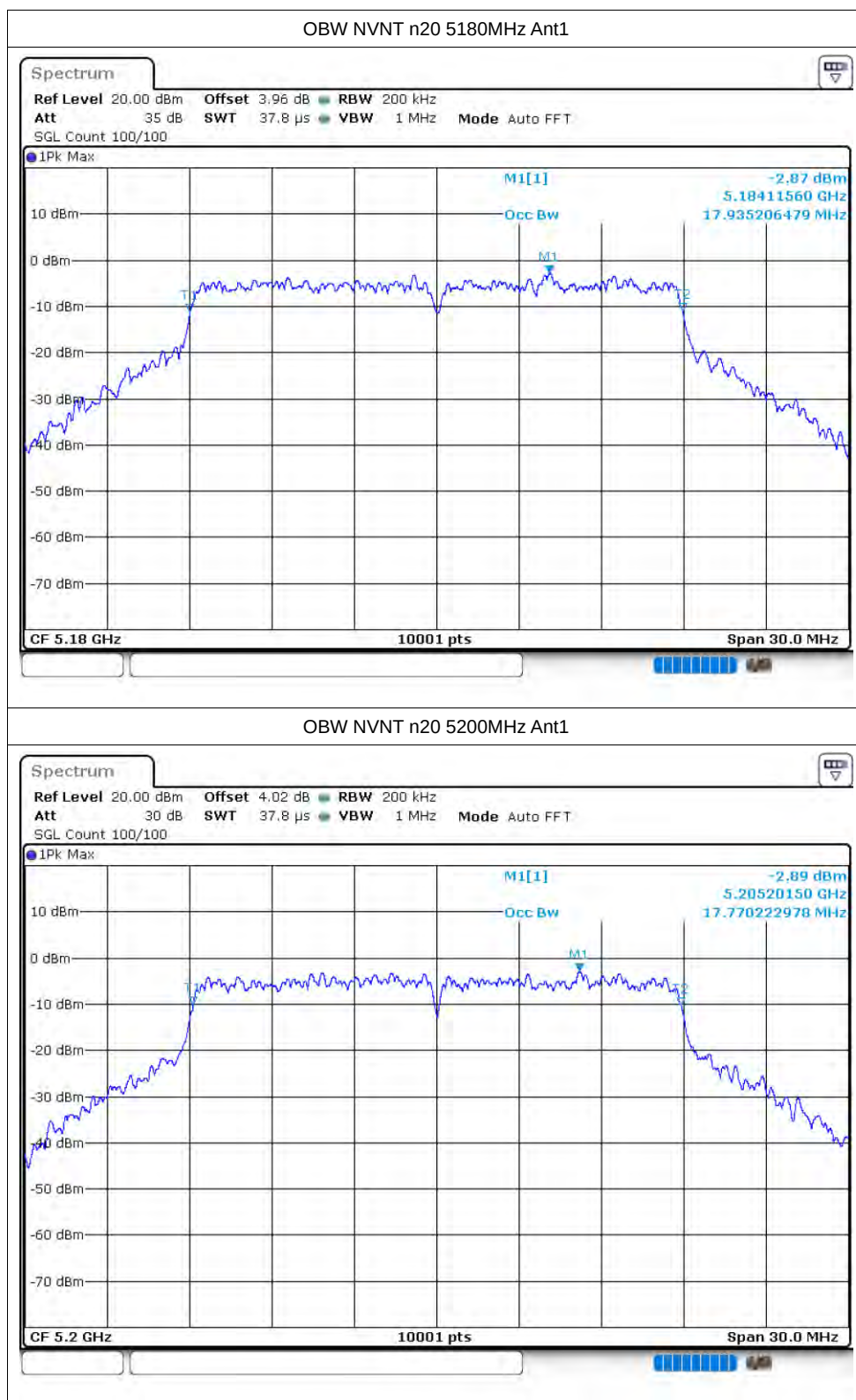


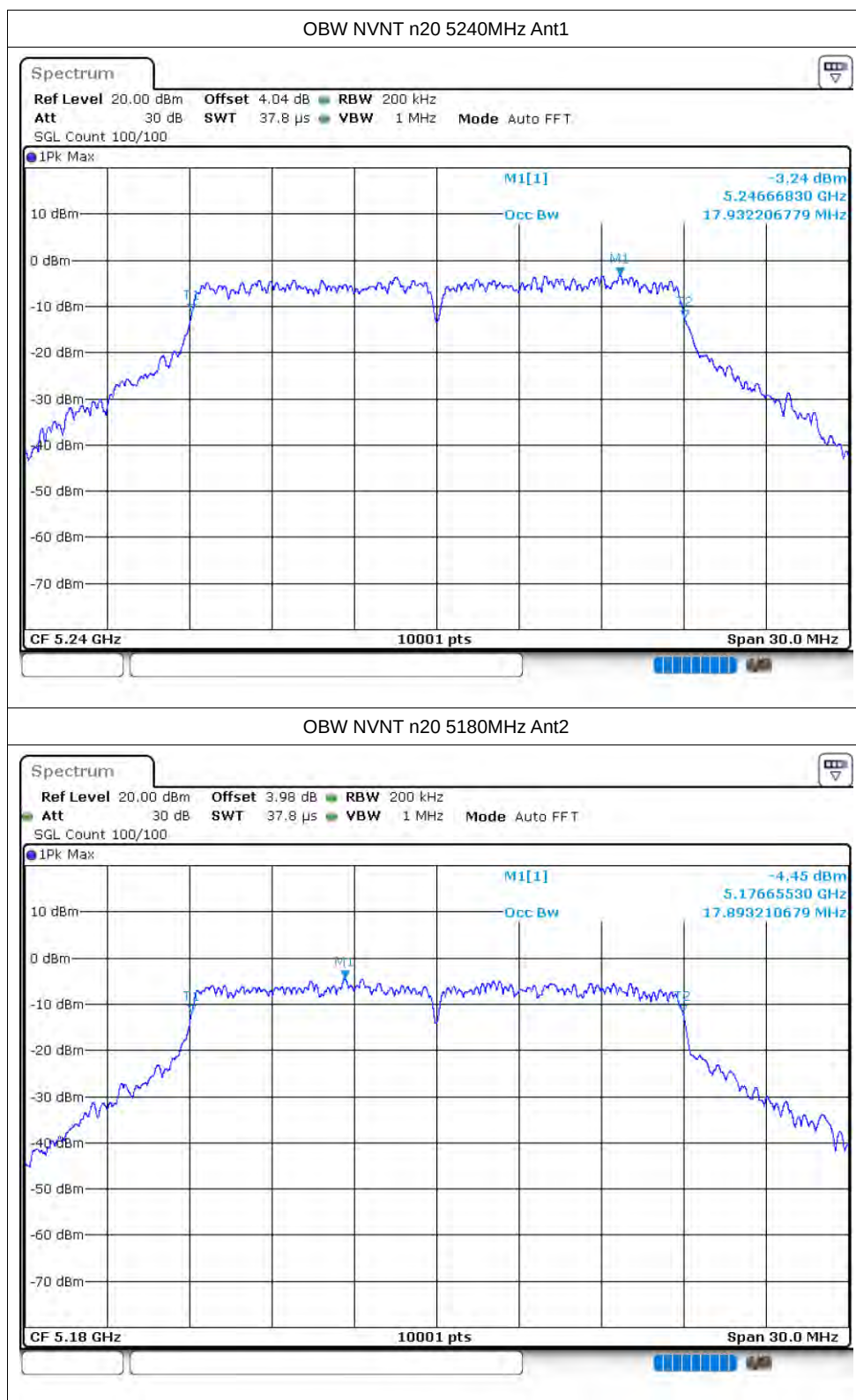
OBW NVNT a 5200MHz Ant2

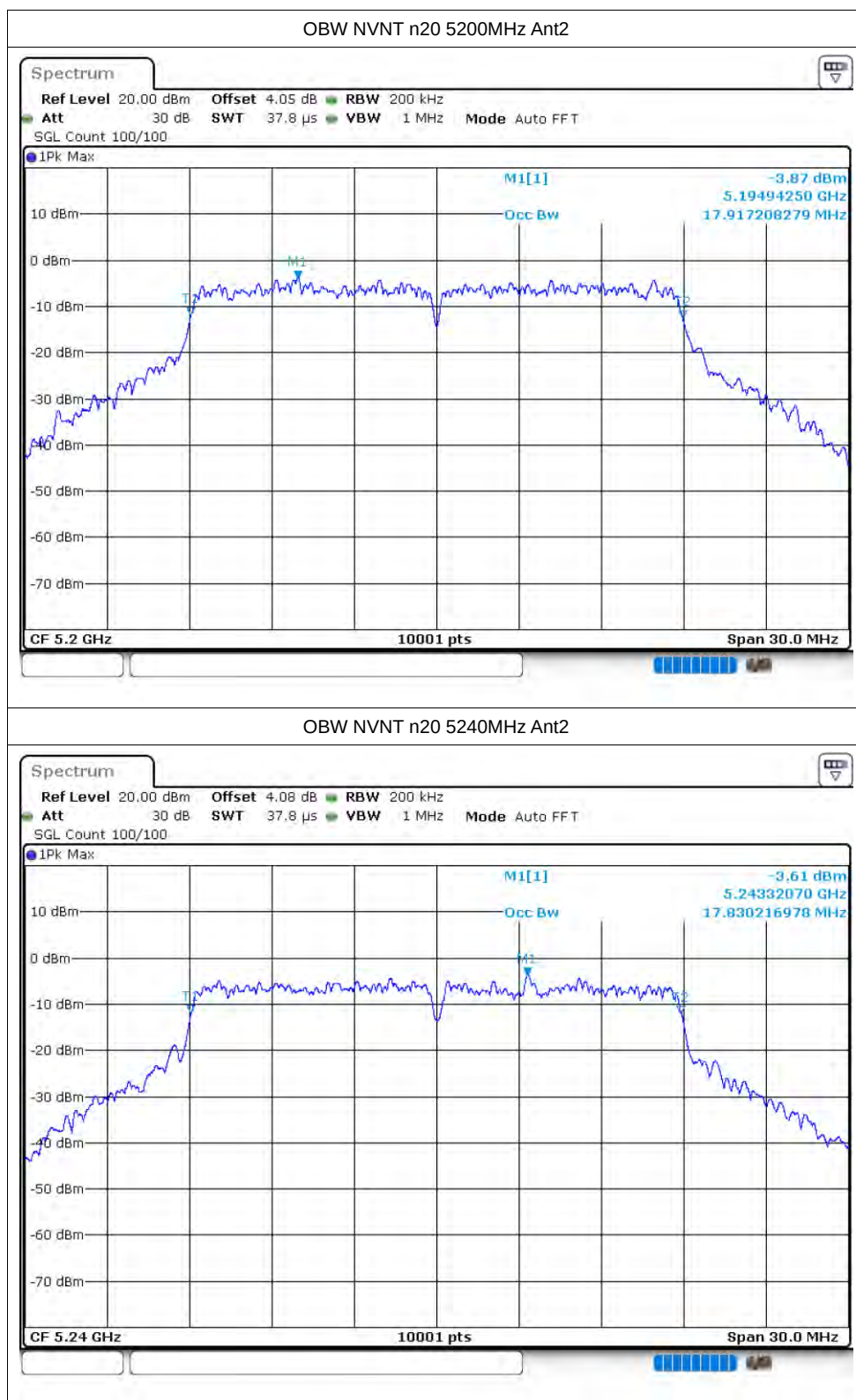


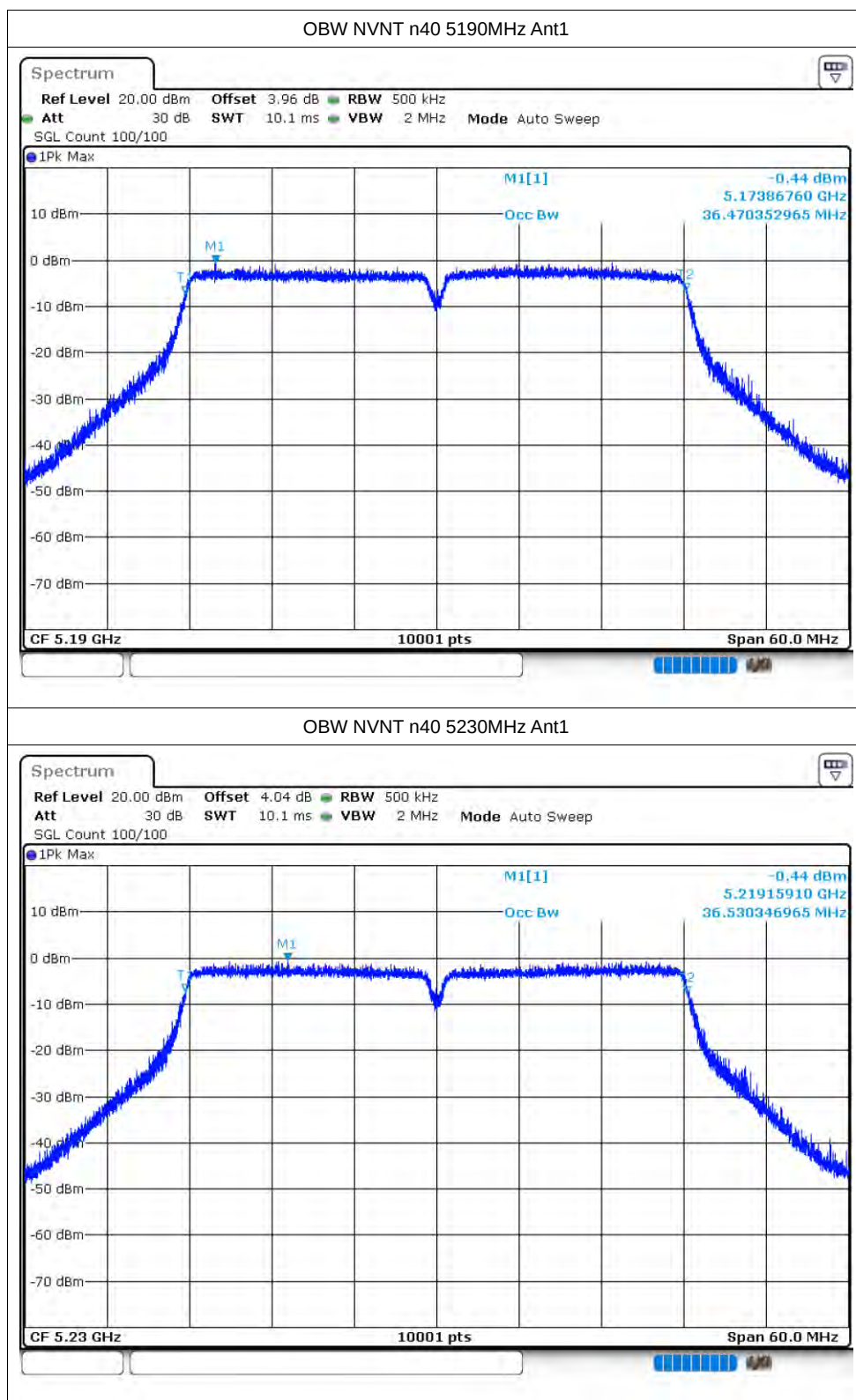
OBW NVNT a 5240MHz Ant2

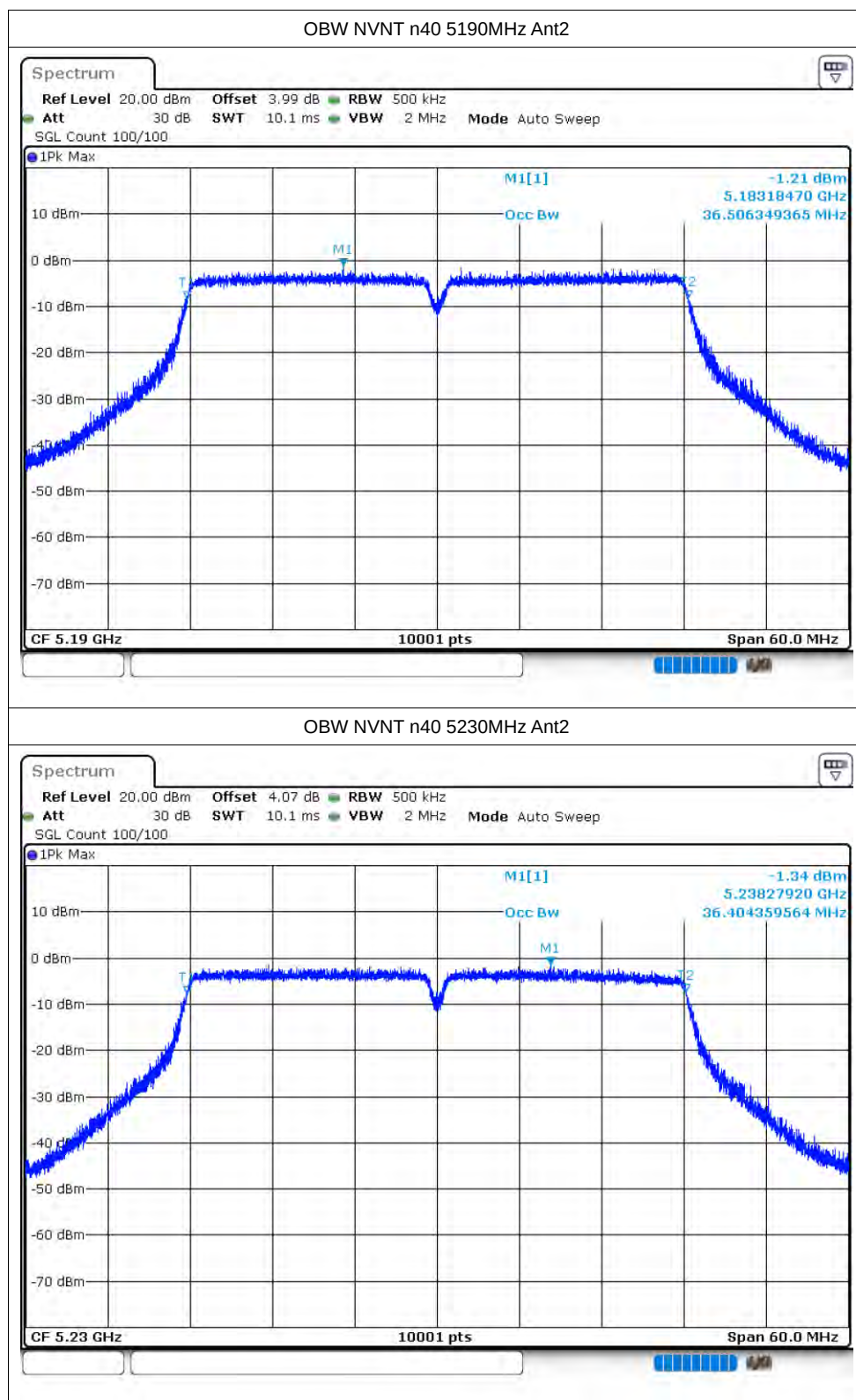


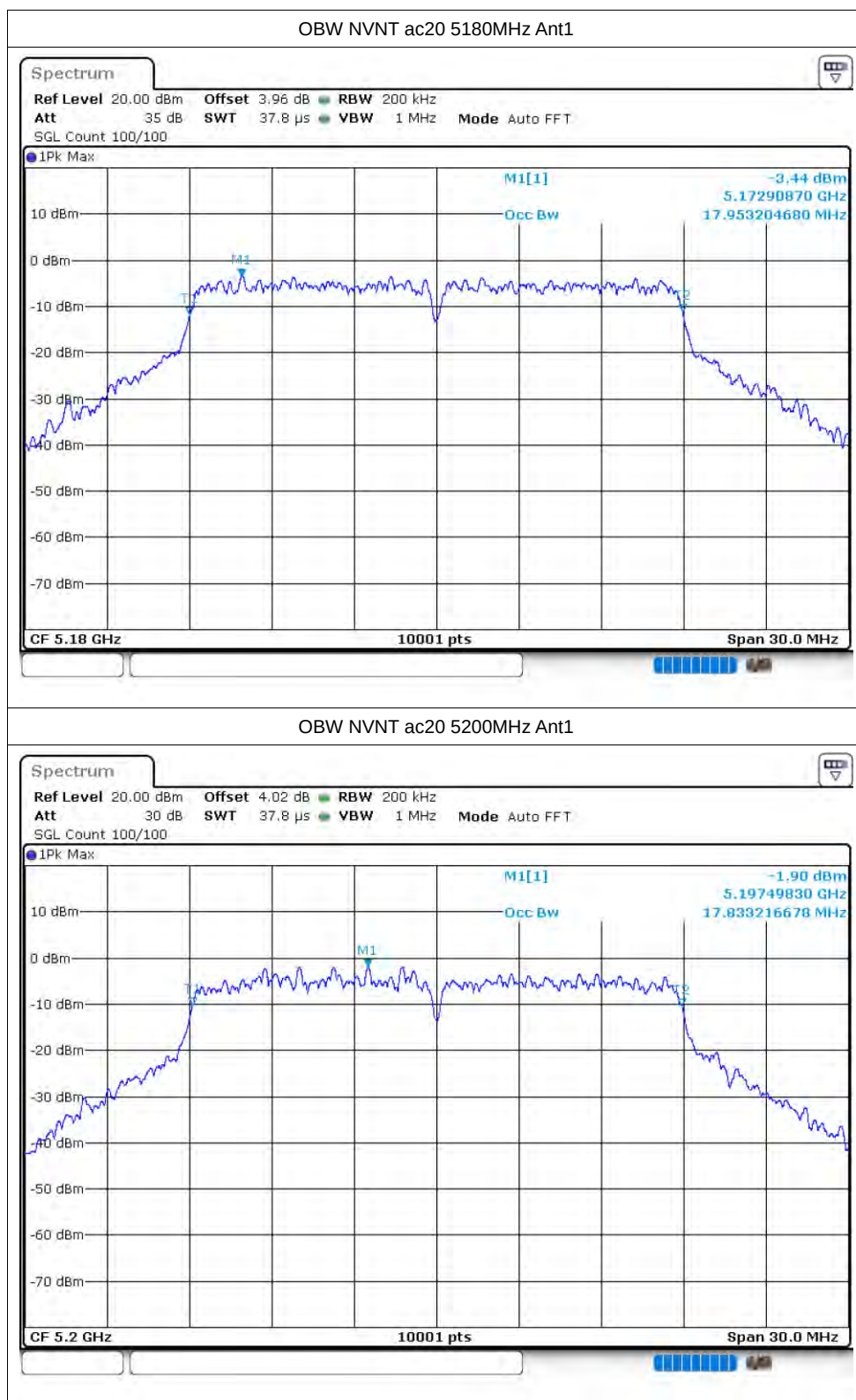


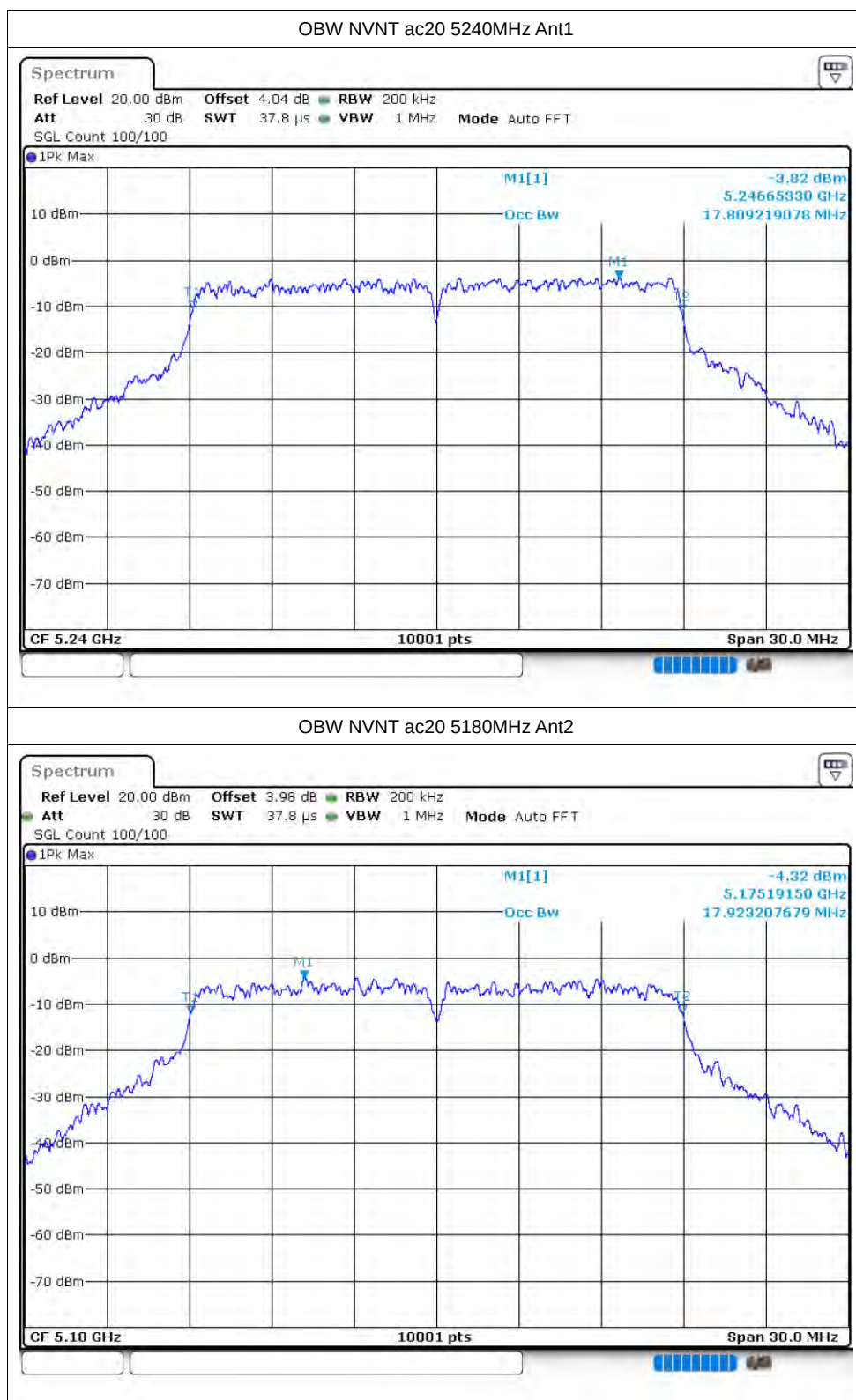


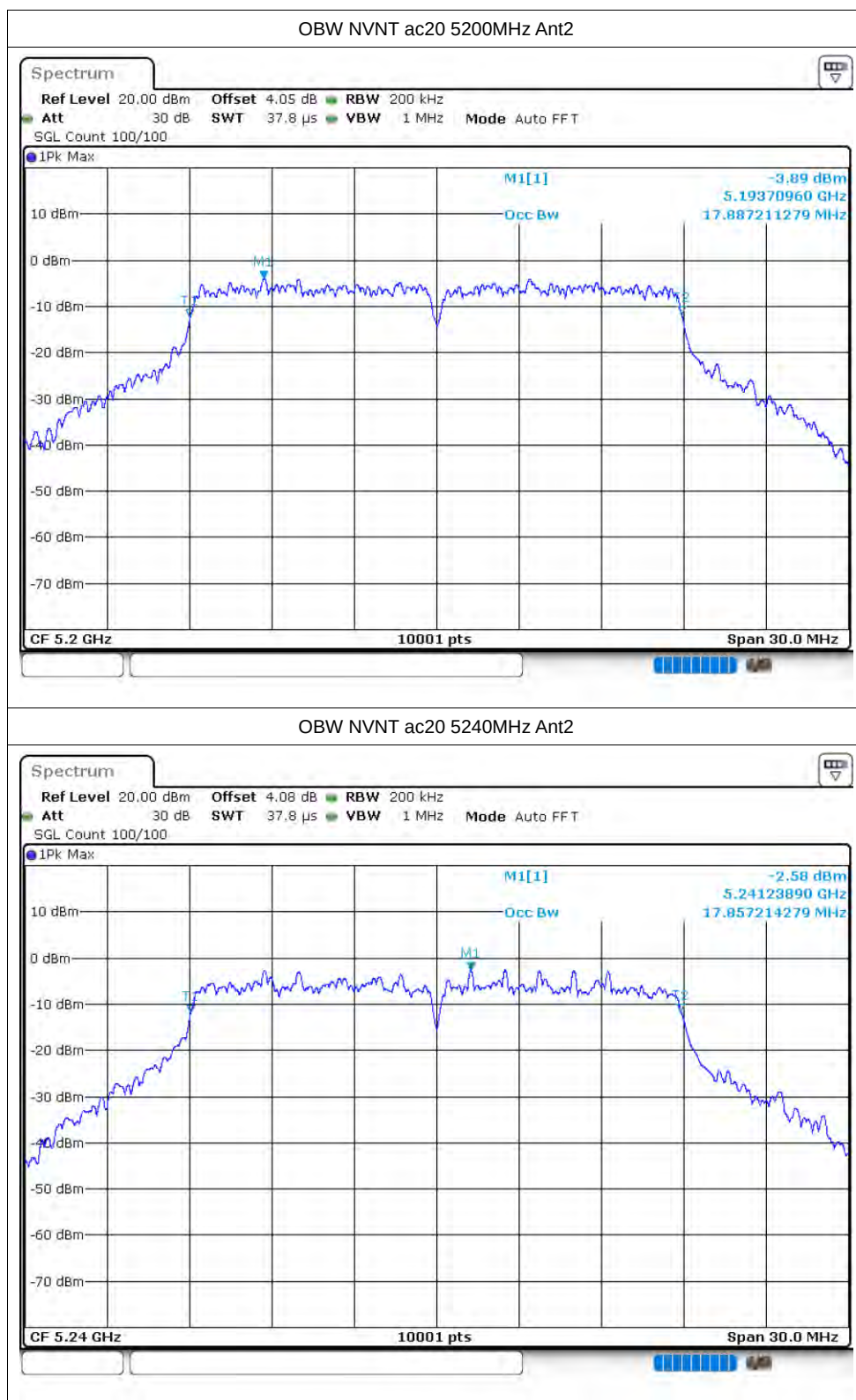


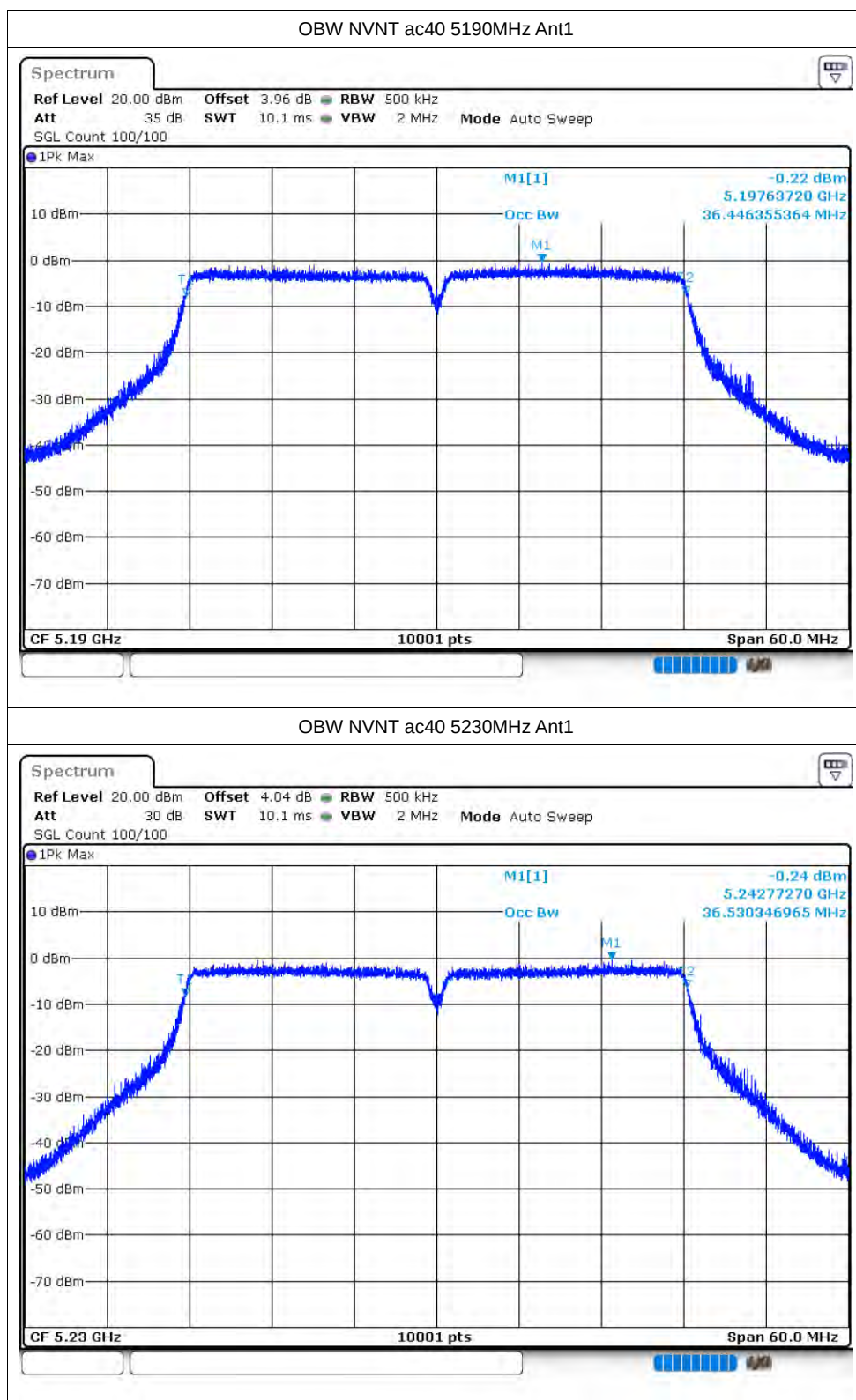


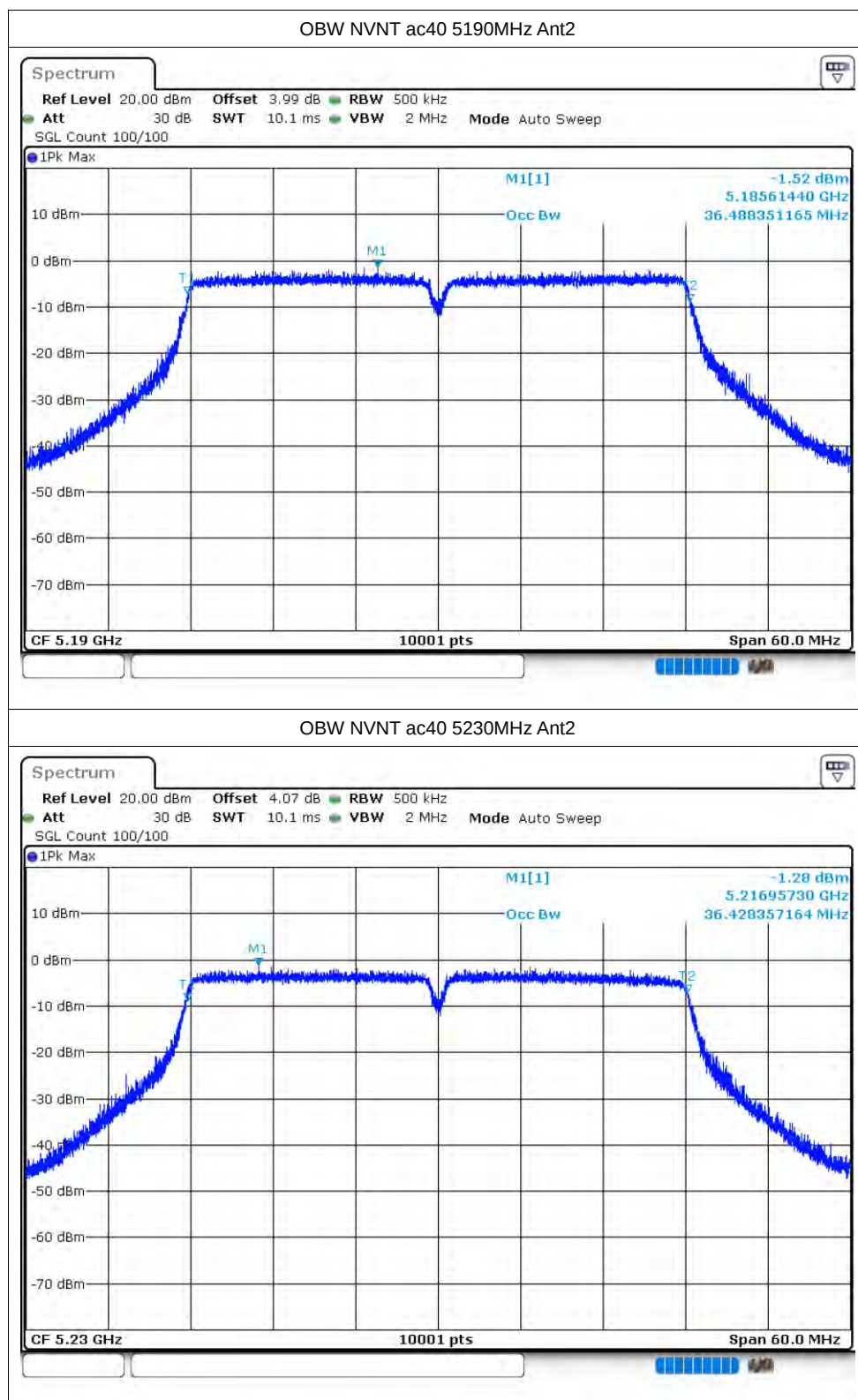


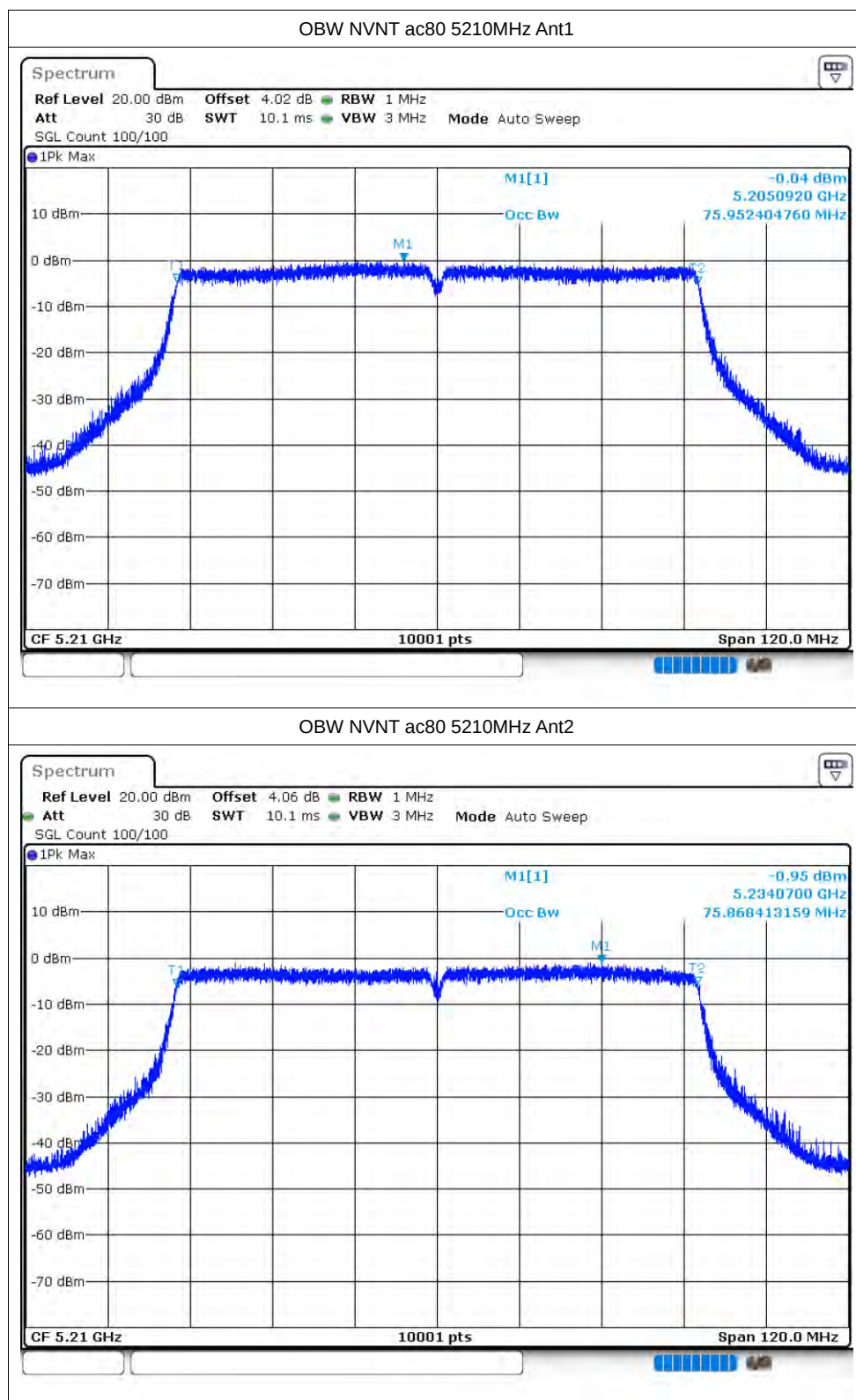




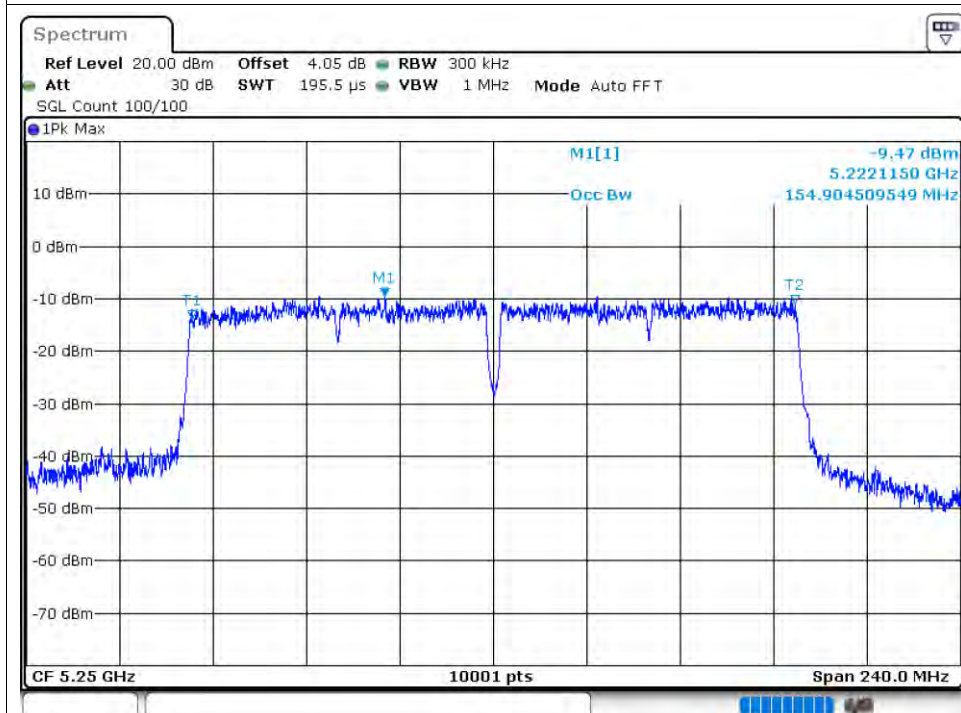




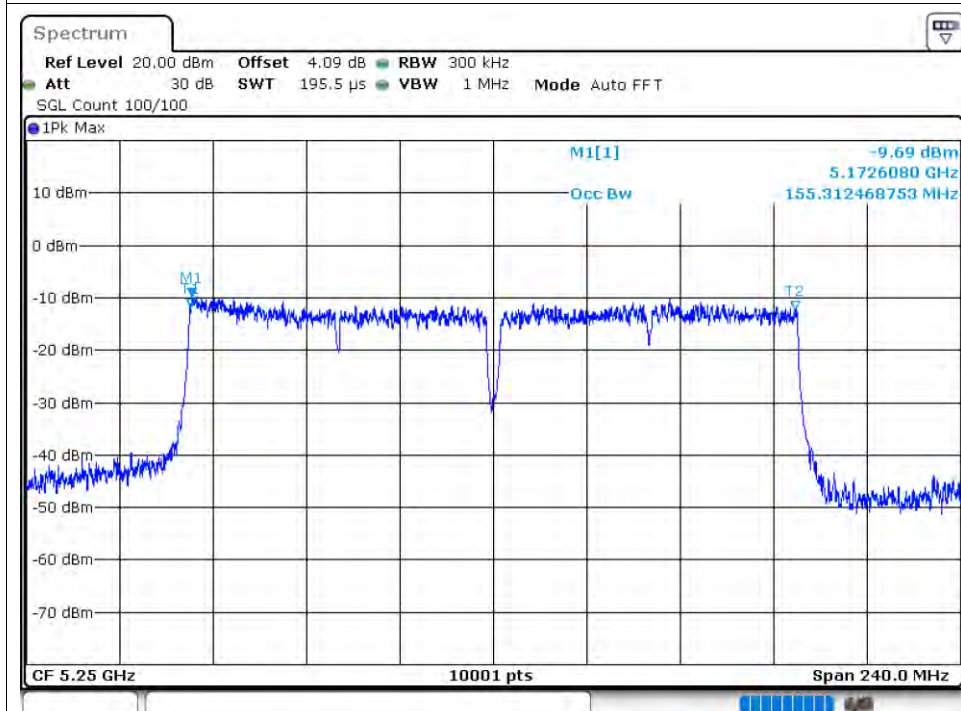




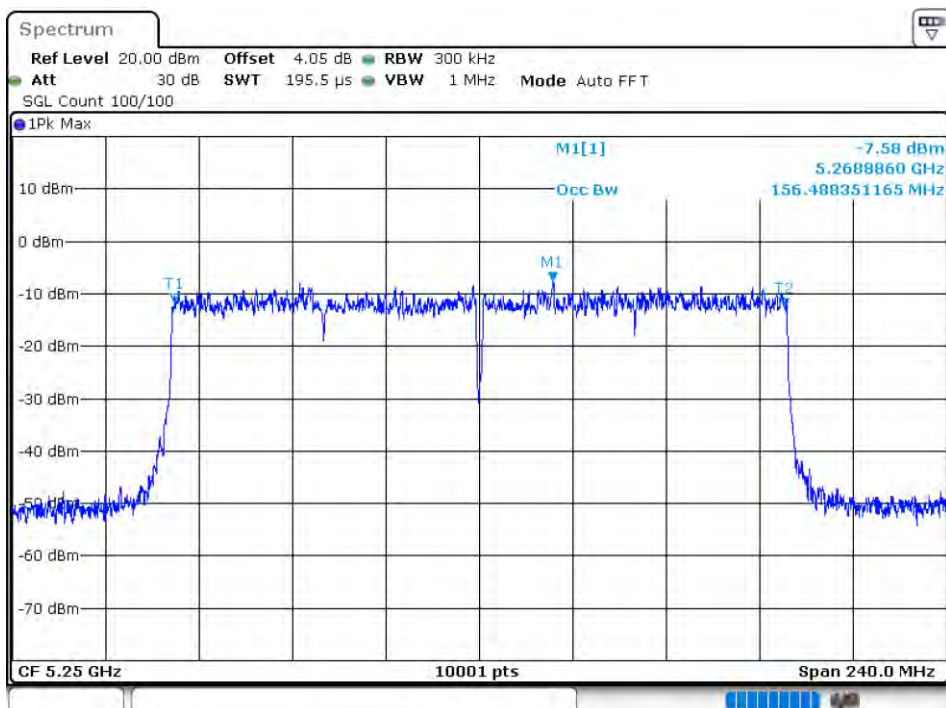
OBW NVNT ac160 5250MHz Ant1



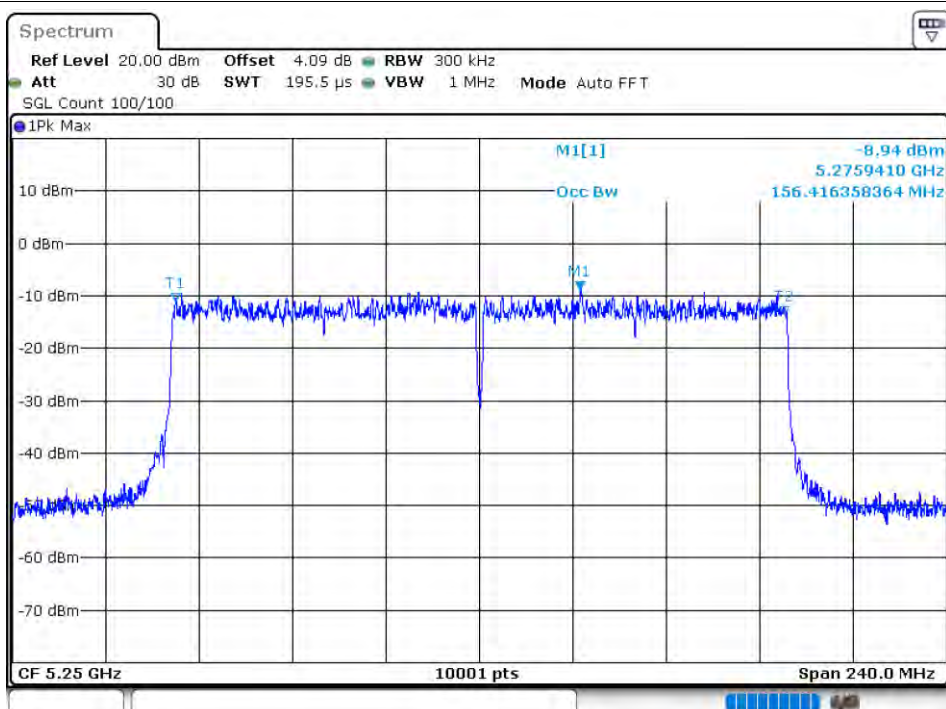
OBW NVNT ac160 5250MHz Ant2

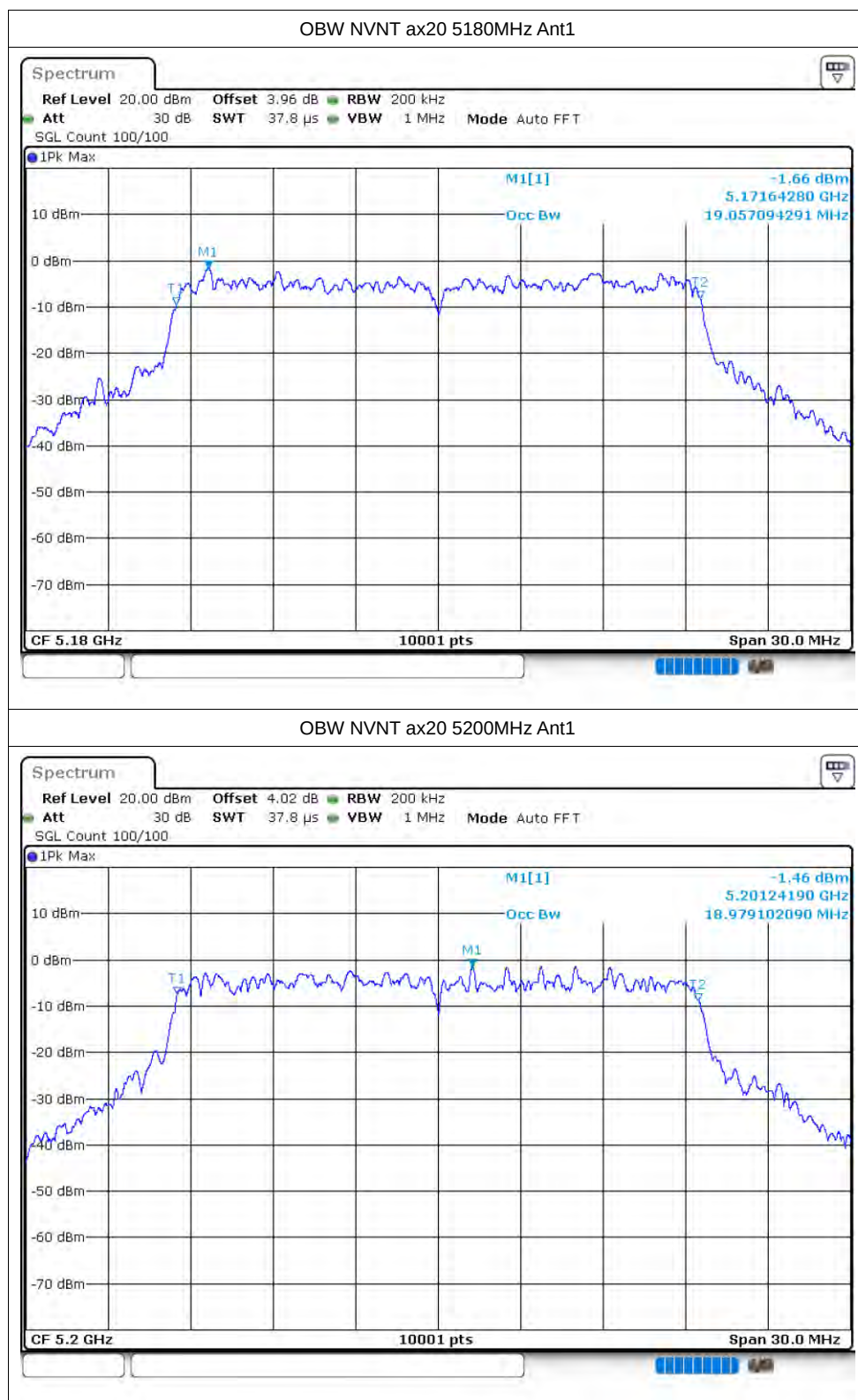


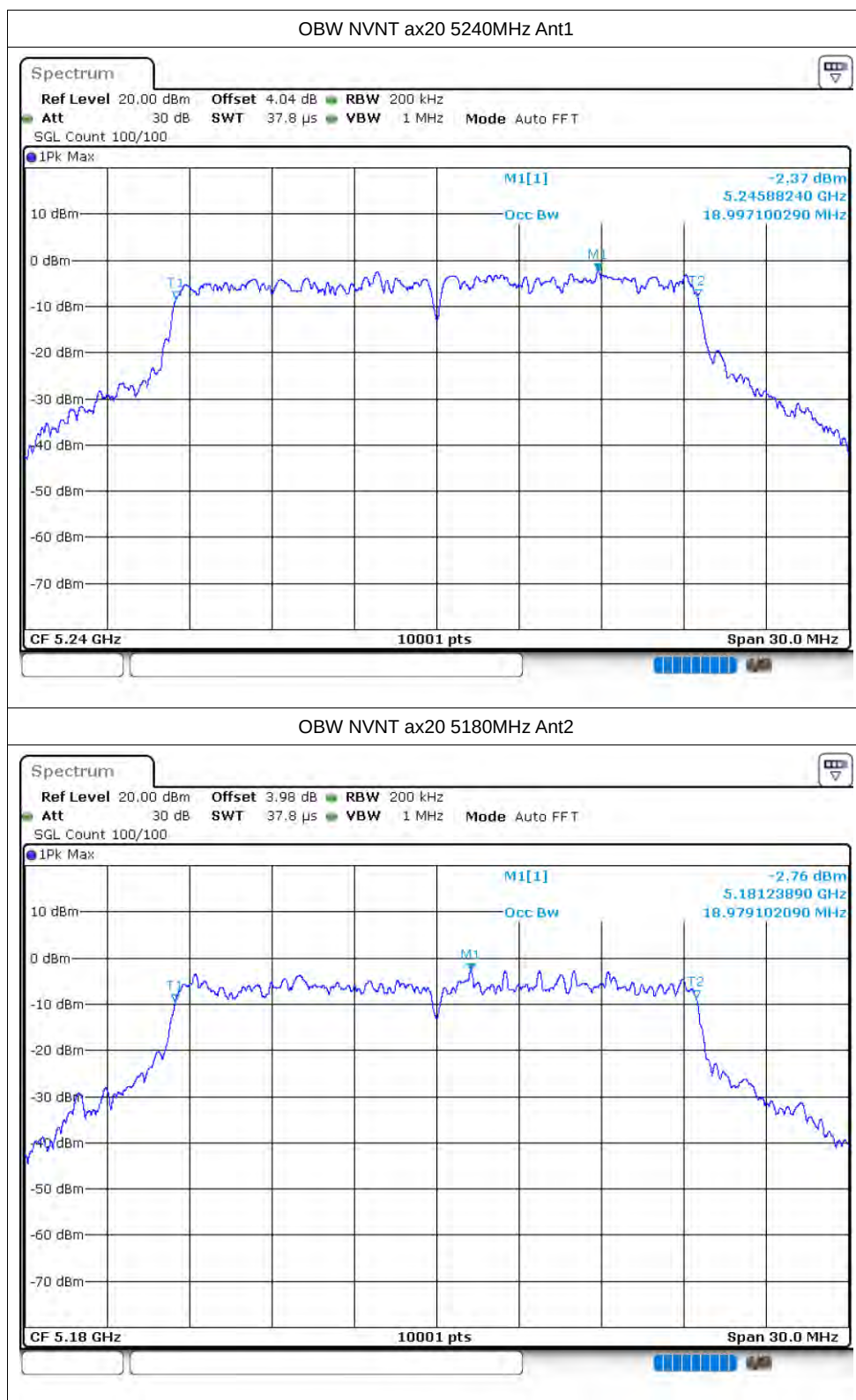
OBW NVNT ax160 5250MHz Ant1



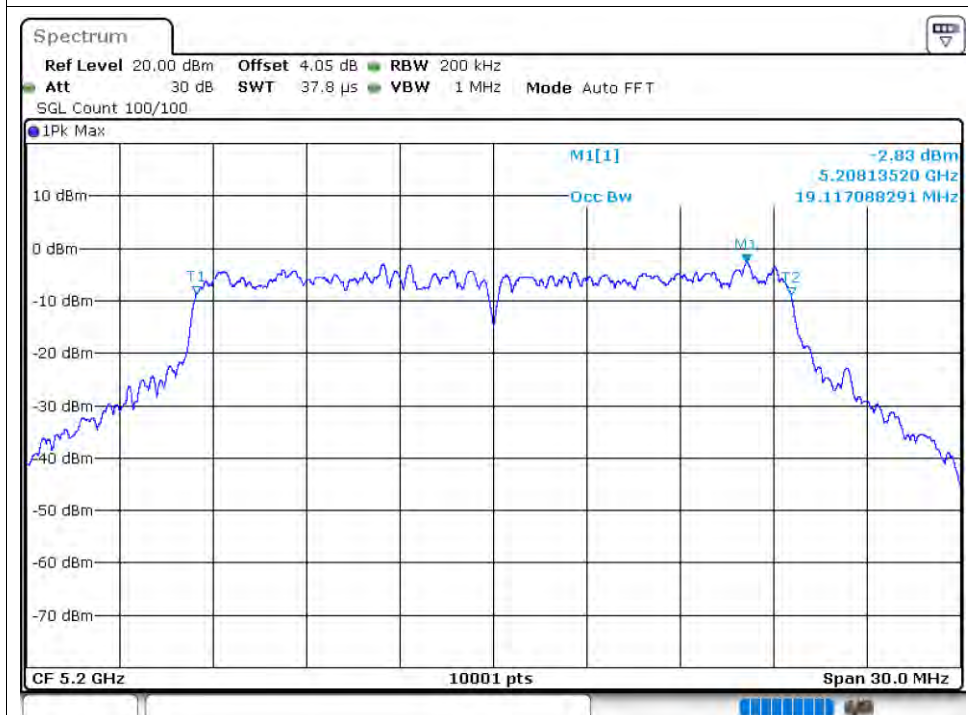
OBW NVNT ax160 5250MHz Ant2



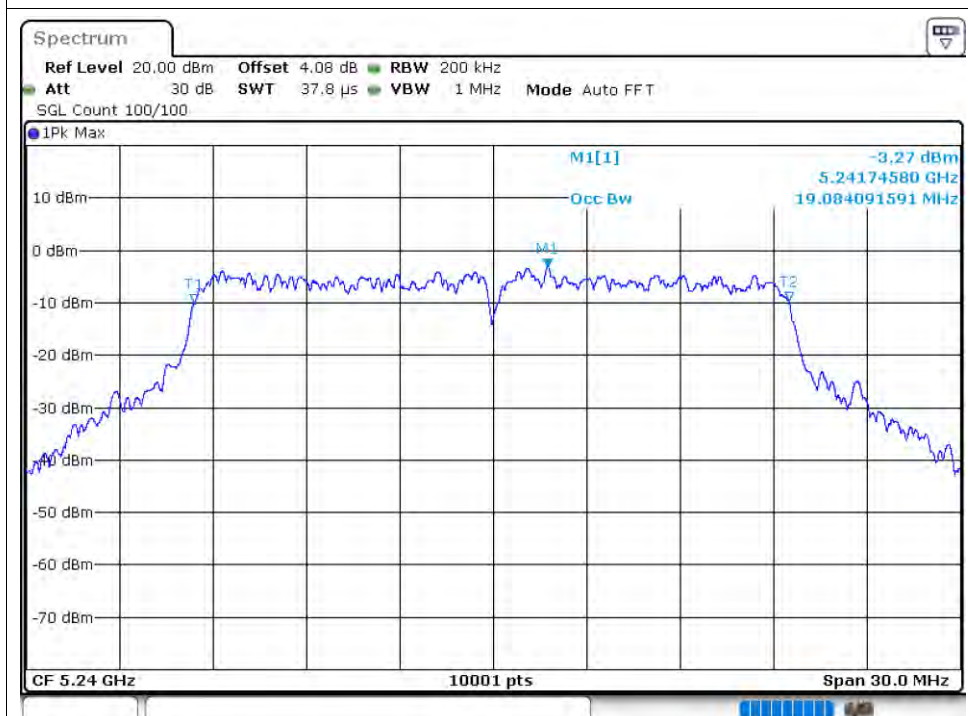


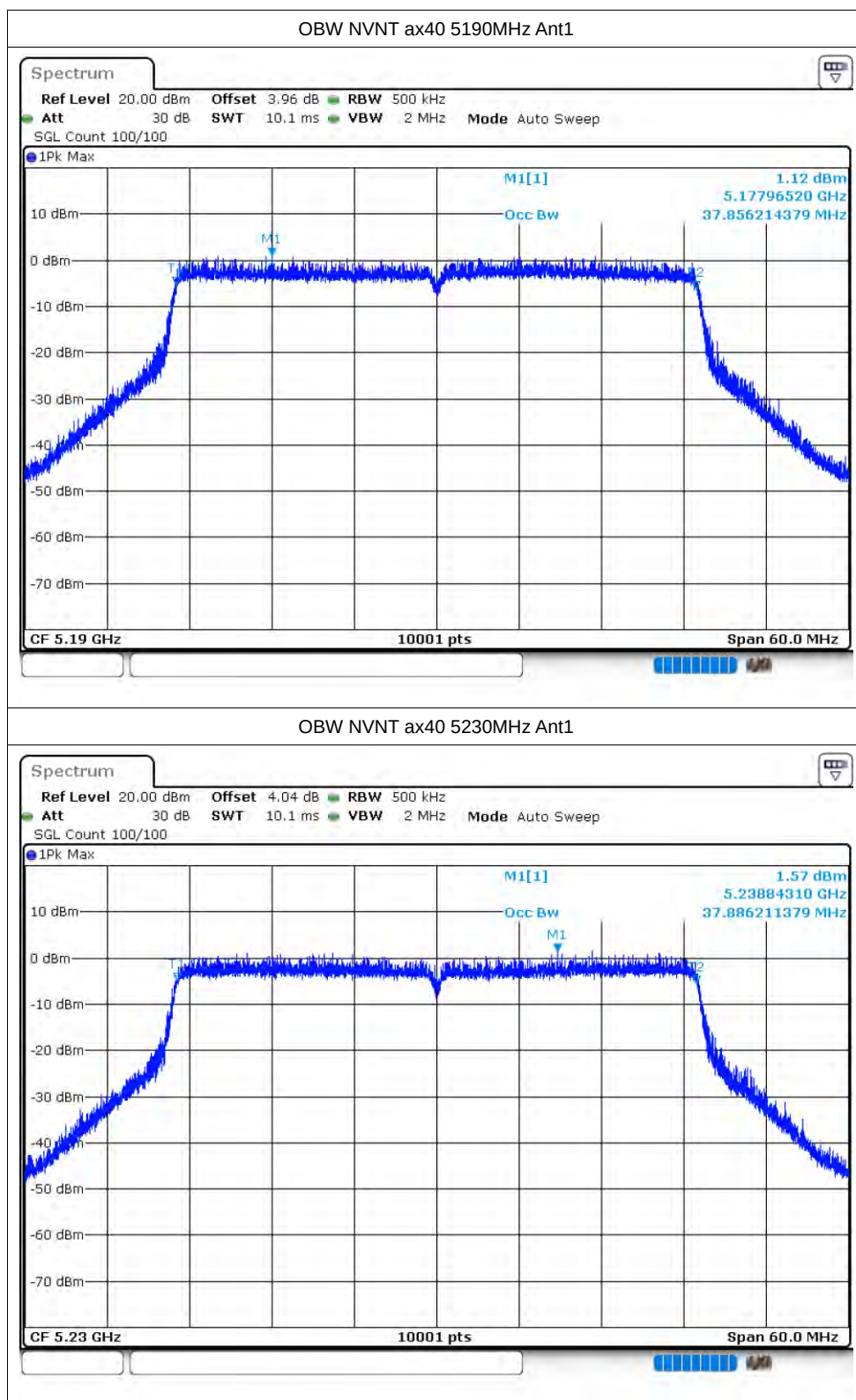


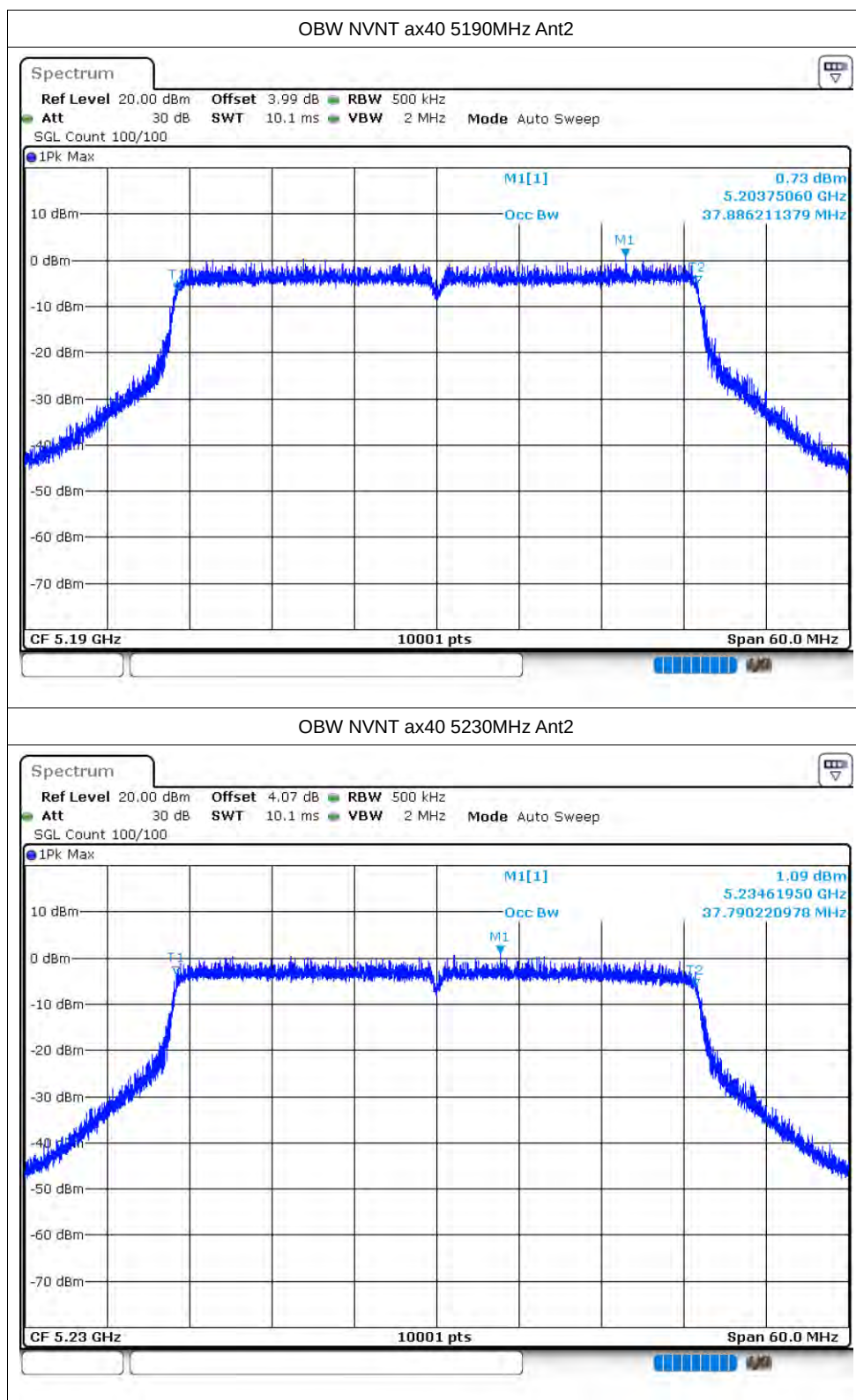
OBW NVNT ax20 5200MHz Ant2

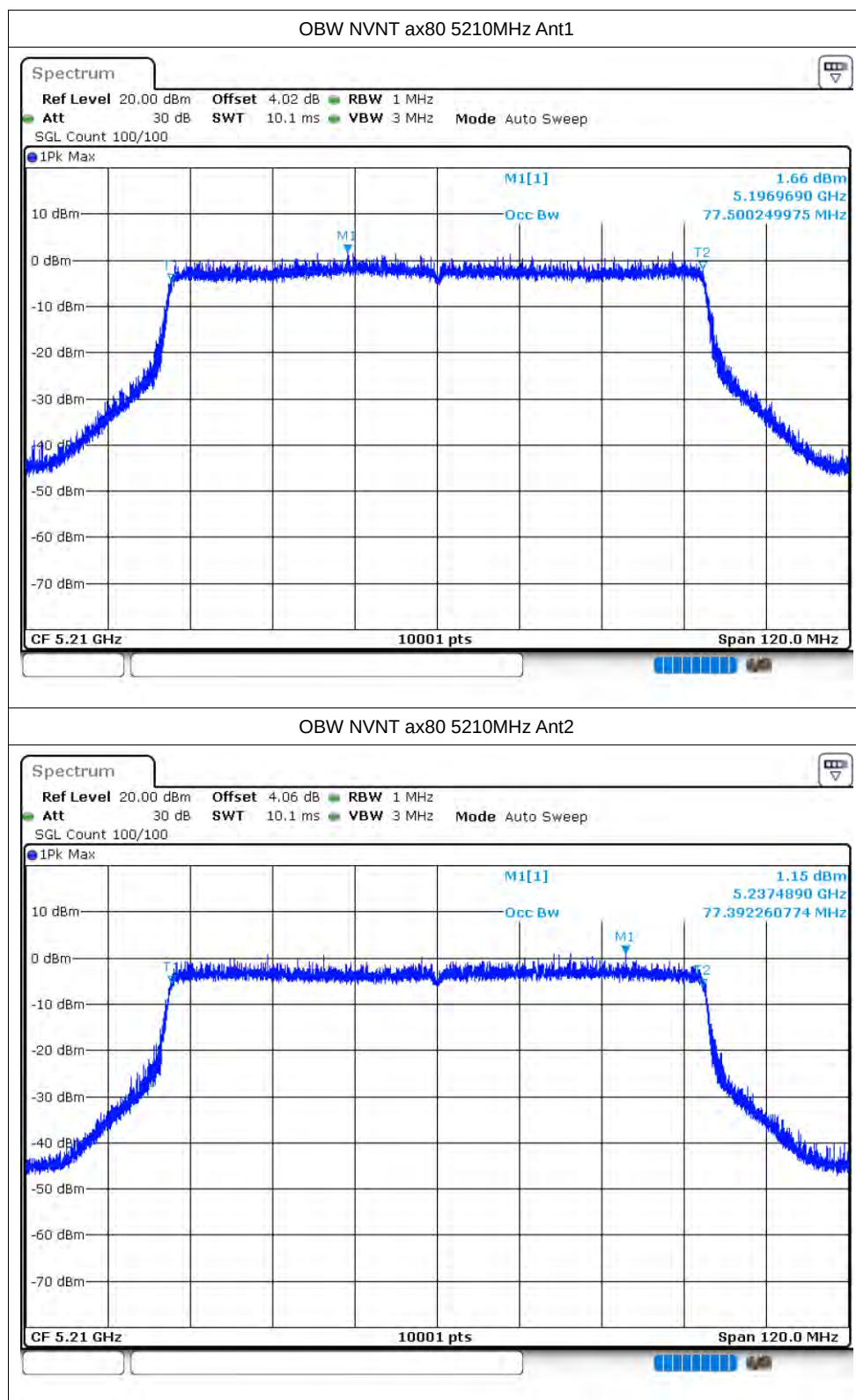


OBW NVNT ax20 5240MHz Ant2









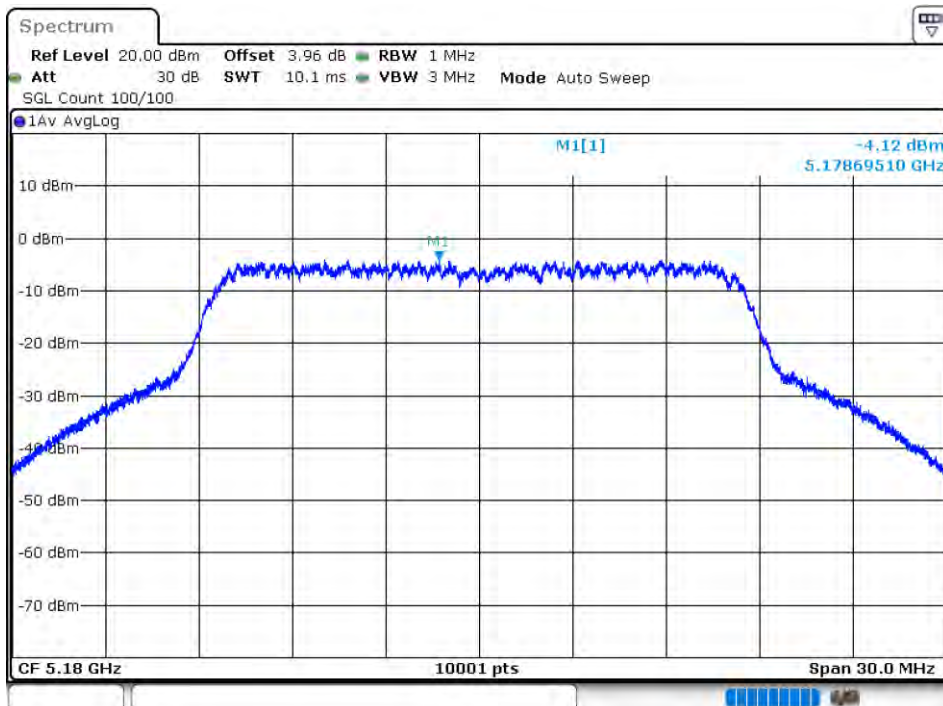
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-4.12	0.08	-4.04	11	Pass
NVNT	a	5200	Ant1	-3.69	0.08	-3.61	11	Pass
NVNT	a	5240	Ant1	-3.31	0.08	-3.23	11	Pass
NVNT	a	5180	Ant2	-4.93	0.08	-4.85	11	Pass
NVNT	a	5200	Ant2	-4.96	0.07	-4.89	11	Pass
NVNT	a	5240	Ant2	-5.05	0.08	-4.97	11	Pass
NVNT	n20	5180	Ant1	-4.34	0.02	-4.32	11	Pass
NVNT	n20	5200	Ant1	-4.19	0.02	-4.17	11	Pass
NVNT	n20	5240	Ant1	-4	0.02	-3.98	11	Pass
NVNT	n20	5180	Ant2	-5.75	0.04	-5.71	11	Pass
NVNT	n20	5200	Ant2	-5.24	0.04	-5.2	11	Pass
NVNT	n20	5240	Ant2	-5.29	0.04	-5.25	11	Pass
NVNT	n40	5190	Ant1	-6.83	0.04	-6.79	11	Pass
NVNT	n40	5230	Ant1	-6.73	0.04	-6.69	11	Pass
NVNT	n40	5190	Ant2	-7.97	0.04	-7.93	11	Pass
NVNT	n40	5230	Ant2	-7.73	0.04	-7.69	11	Pass
NVNT	ac20	5180	Ant1	-4.41	0.02	-4.39	11	Pass
NVNT	ac20	5200	Ant1	-4.13	0.02	-4.11	11	Pass
NVNT	ac20	5240	Ant1	-3.79	0.02	-3.77	11	Pass
NVNT	ac20	5180	Ant2	-5.62	0.04	-5.58	11	Pass
NVNT	ac20	5200	Ant2	-5.33	0.04	-5.29	11	Pass
NVNT	ac20	5240	Ant2	-5.3	0.04	-5.26	11	Pass
NVNT	ac40	5190	Ant1	-6.74	0.04	-6.7	11	Pass
NVNT	ac40	5230	Ant1	-6.68	0.04	-6.64	11	Pass
NVNT	ac40	5190	Ant2	-8.02	0.04	-7.98	11	Pass
NVNT	ac40	5230	Ant2	-7.63	0.04	-7.59	11	Pass
NVNT	ac80	5210	Ant1	-10.29	0.04	-10.25	11	Pass
NVNT	ac80	5210	Ant2	-11.52	0.04	-11.48	11	Pass
NVNT	ac160	5250	Ant1	-12.94	0.17	-12.77	11	Pass
NVNT	ac160	5250	Ant2	-12.65	0.17	-12.48	11	Pass
NVNT	ax160	5250	Ant1	-12.77	0.04	-12.73	11	Pass
NVNT	ax160	5250	Ant2	-14.06	0.04	-14.02	11	Pass
NVNT	ax20	5180	Ant1	-4.6	0.02	-4.58	11	Pass
NVNT	ax20	5200	Ant1	-4.35	0.02	-4.33	11	Pass
NVNT	ax20	5240	Ant1	-4.31	0.02	-4.29	11	Pass
NVNT	ax20	5180	Ant2	-5.97	0.04	-5.93	11	Pass
NVNT	ax20	5200	Ant2	-5.53	0.04	-5.49	11	Pass
NVNT	ax20	5240	Ant2	-6.26	0.04	-6.22	11	Pass
NVNT	ax40	5190	Ant1	-6.95	0.04	-6.91	11	Pass
NVNT	ax40	5230	Ant1	-7.39	0.04	-7.35	11	Pass

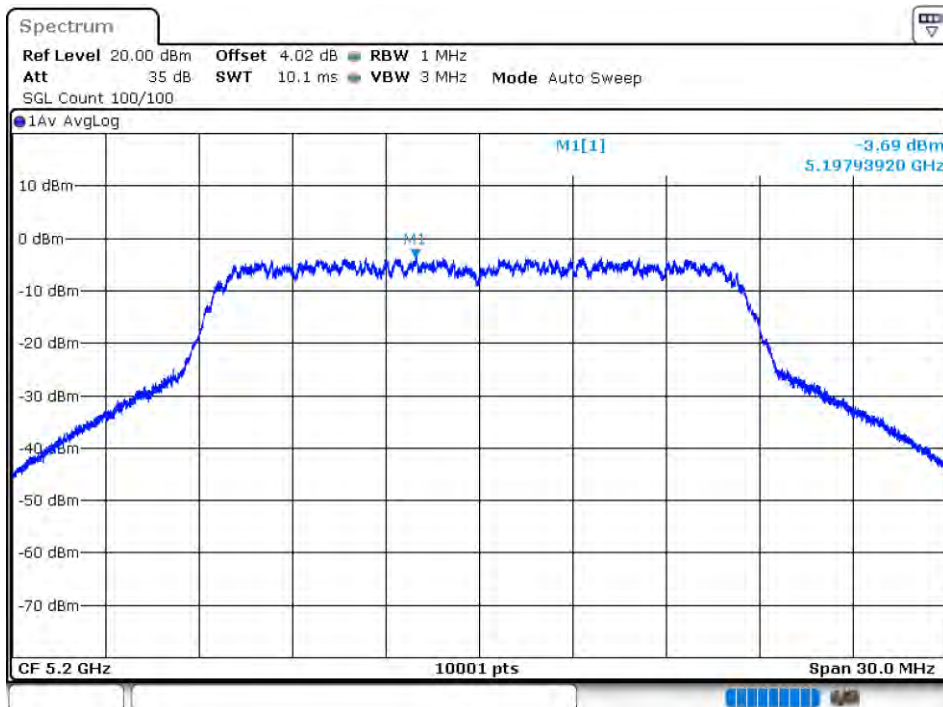
NVNT	ax40	5190	Ant2	-8.58	0.04	-8.54	11	Pass
NVNT	ax40	5230	Ant2	-8.16	0.04	-8.12	11	Pass
NVNT	ax80	5210	Ant1	-10.42	0.04	-10.38	11	Pass
NVNT	ax80	5210	Ant2	-11.99	0.04	-11.95	11	Pass

Test Graphs

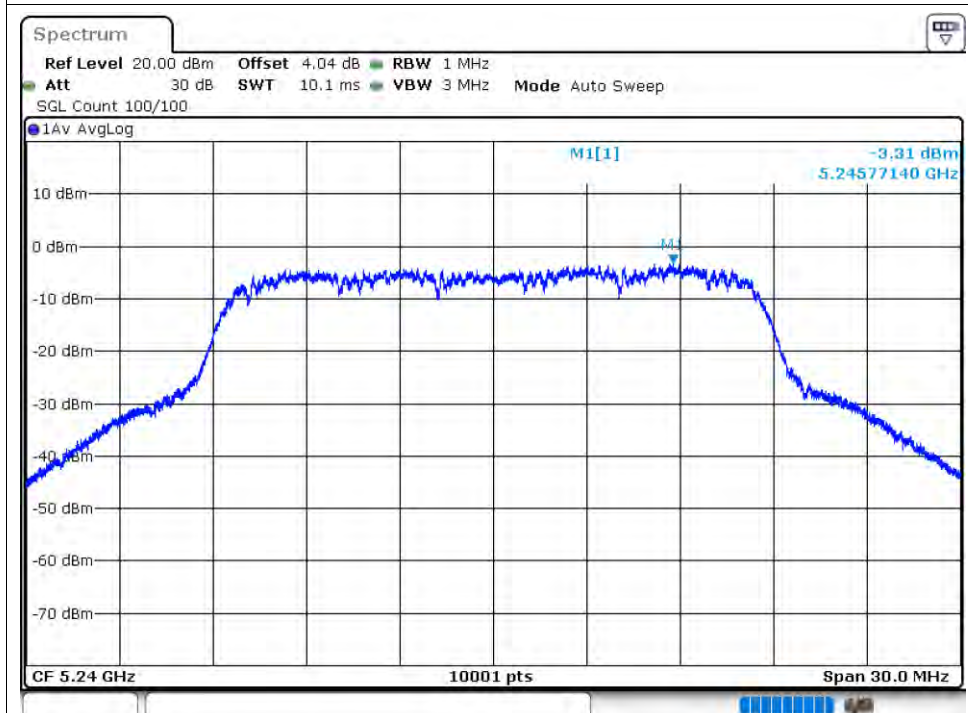
PSD NVNT a 5180MHz Ant1



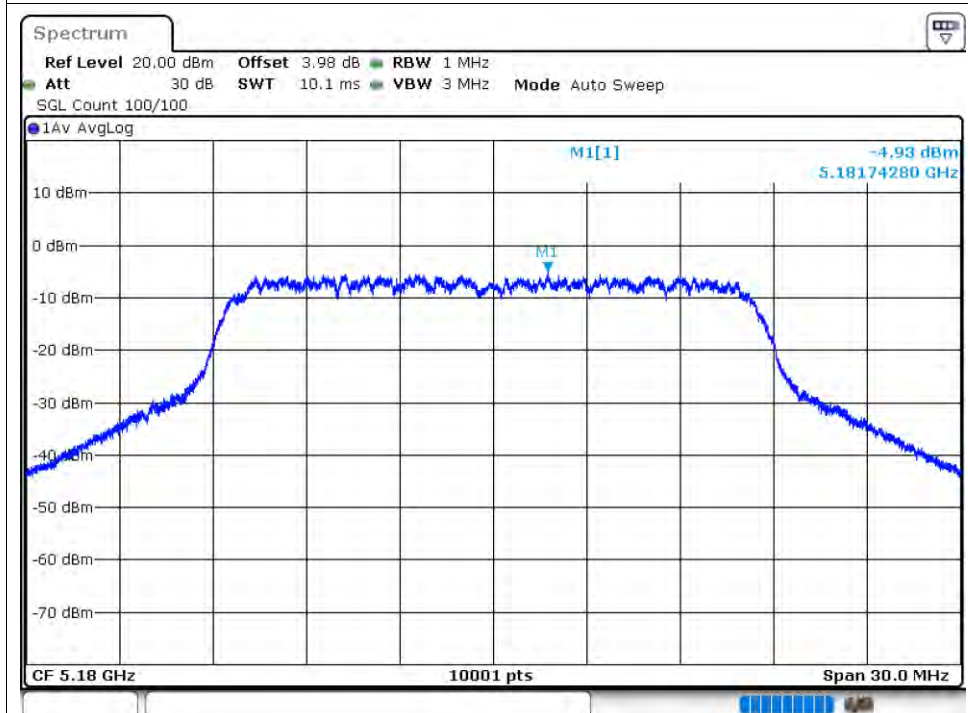
PSD NVNT a 5200MHz Ant1



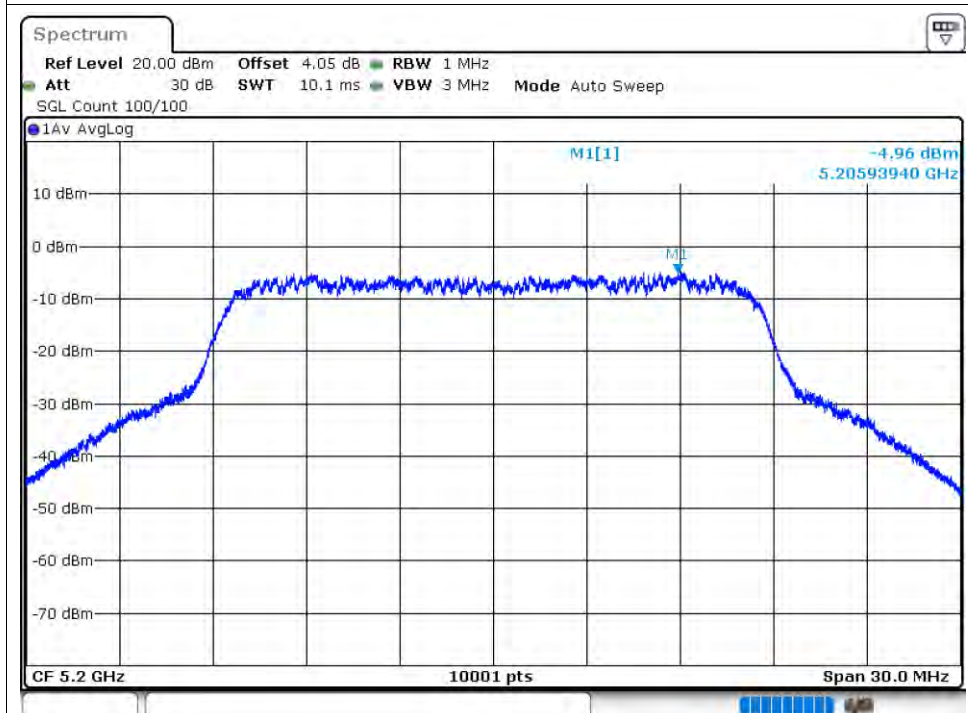
PSD NVNT a 5240MHz Ant1



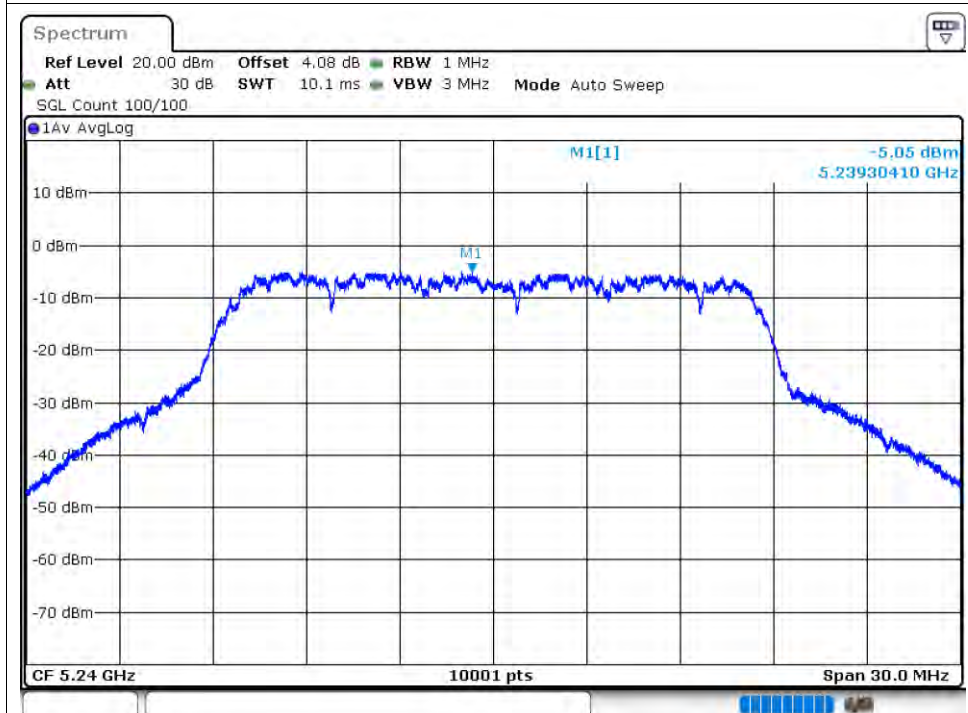
PSD NVNT a 5180MHz Ant2

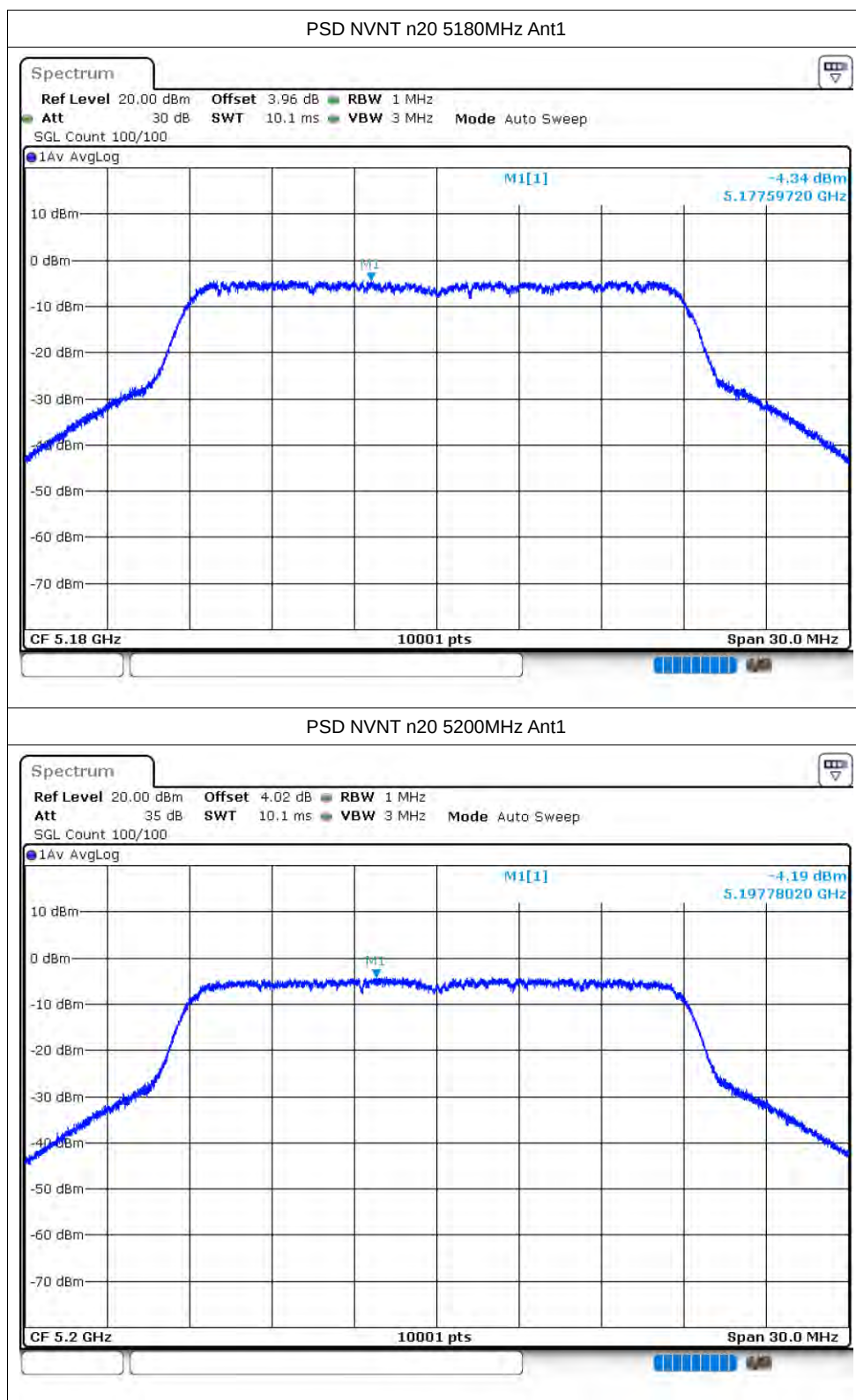


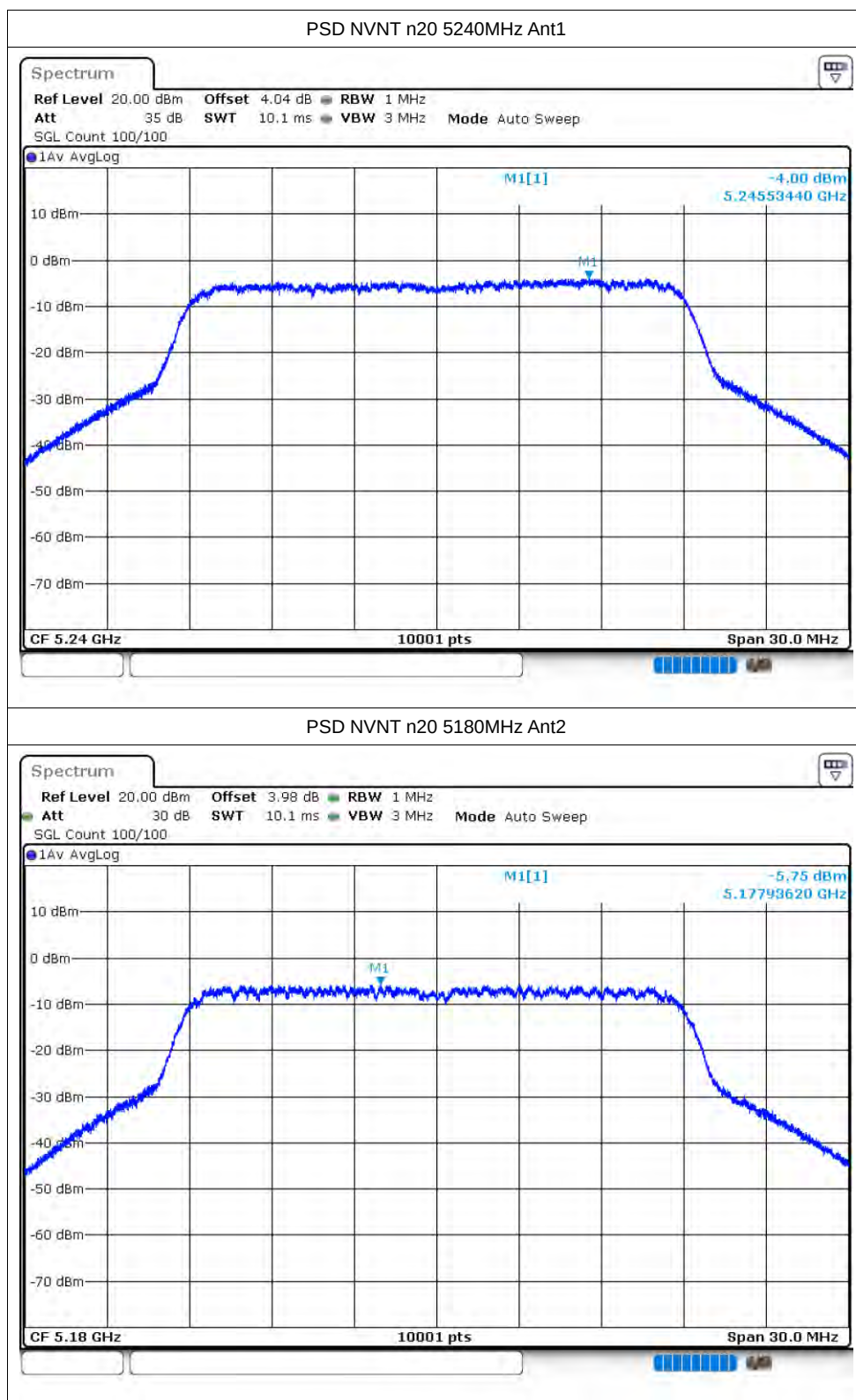
PSD NVNT a 5200MHz Ant2

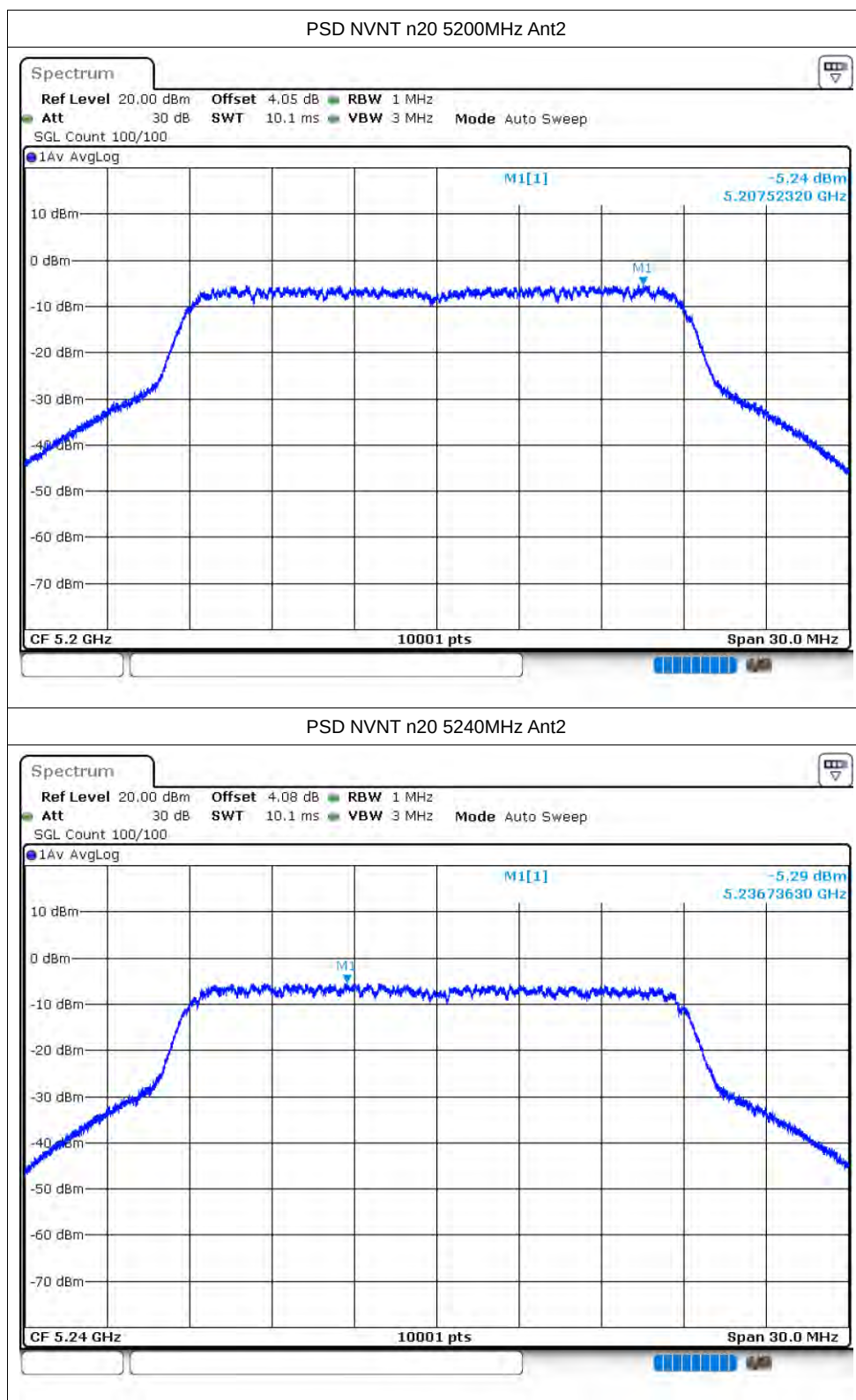


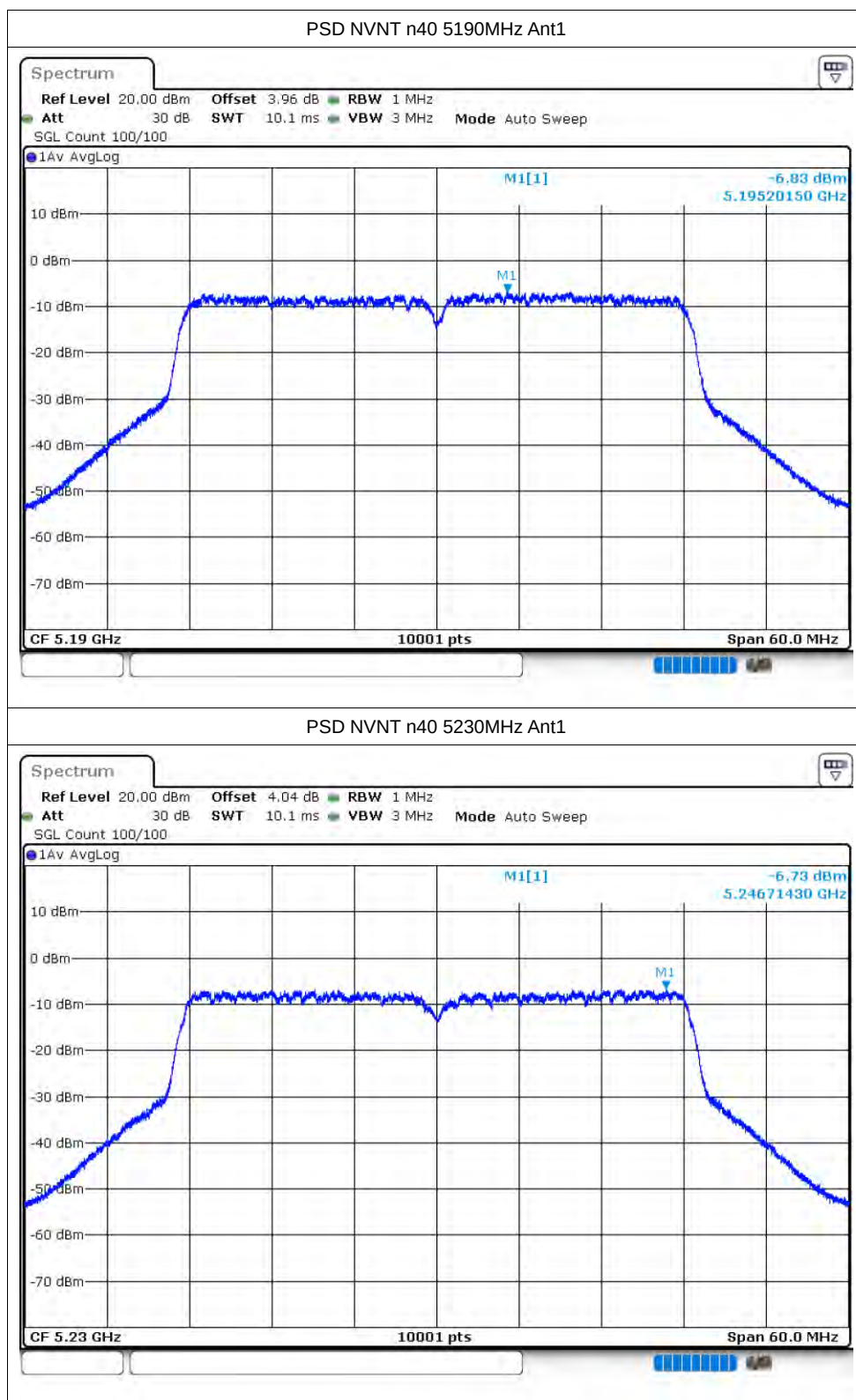
PSD NVNT a 5240MHz Ant2

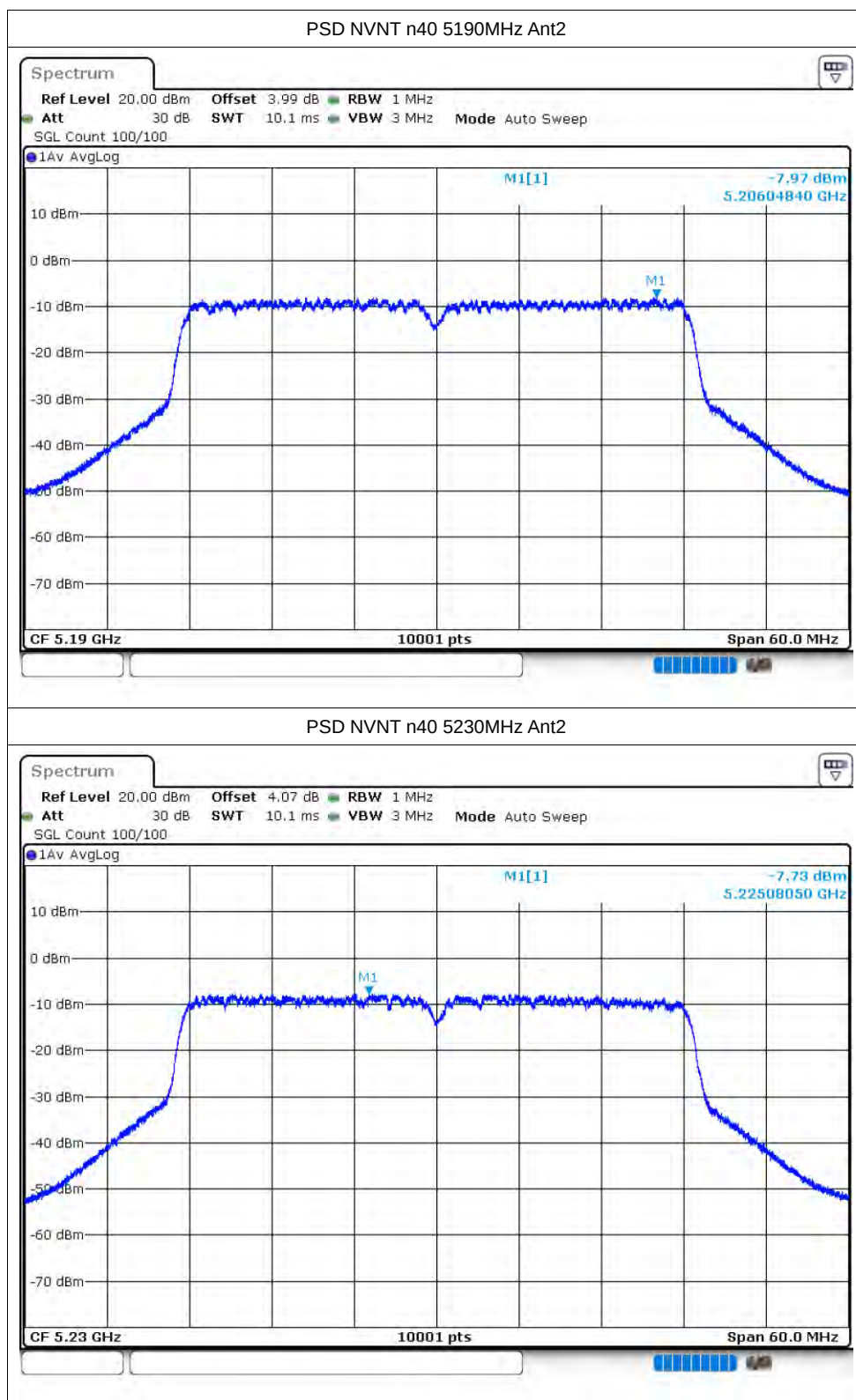


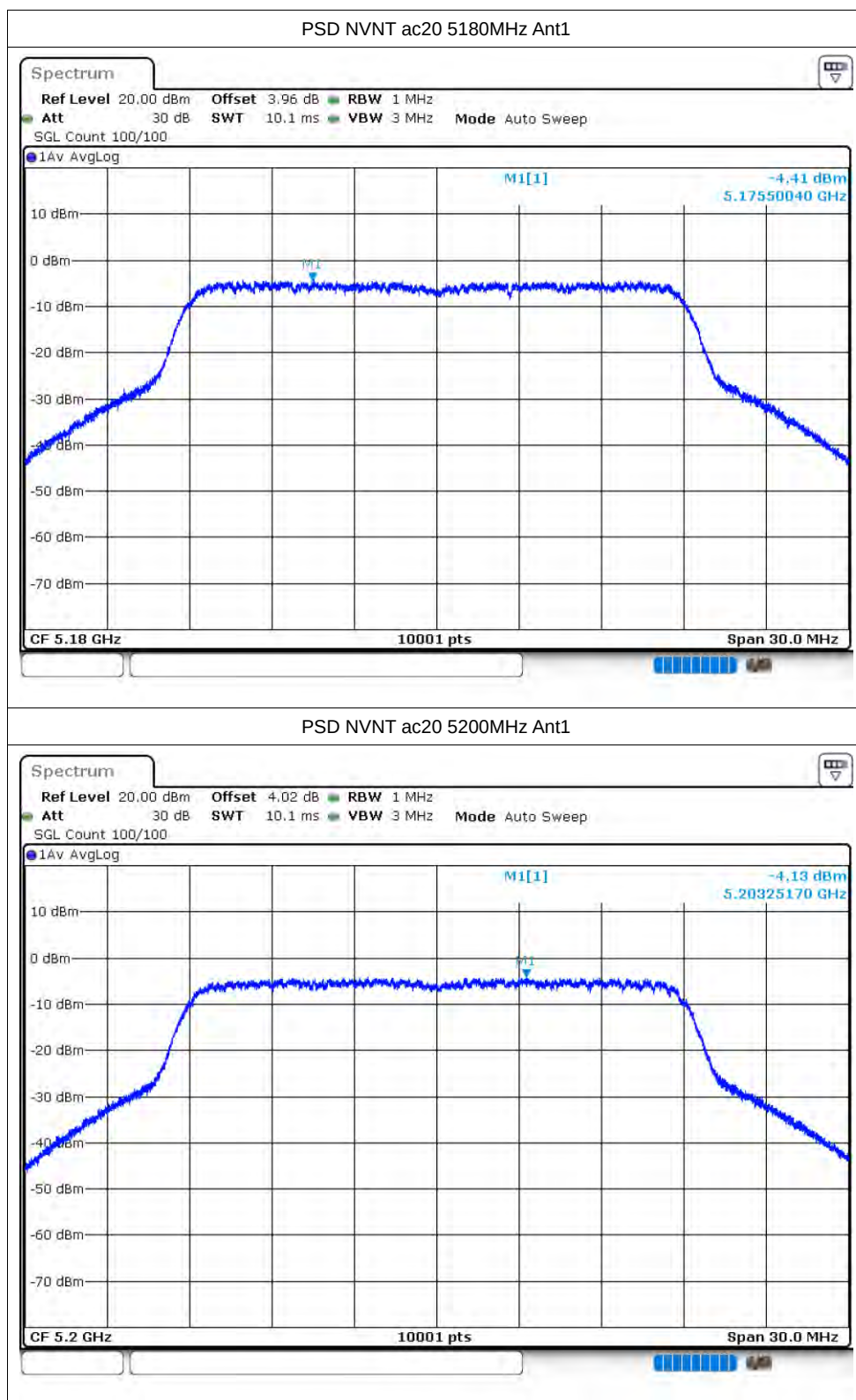




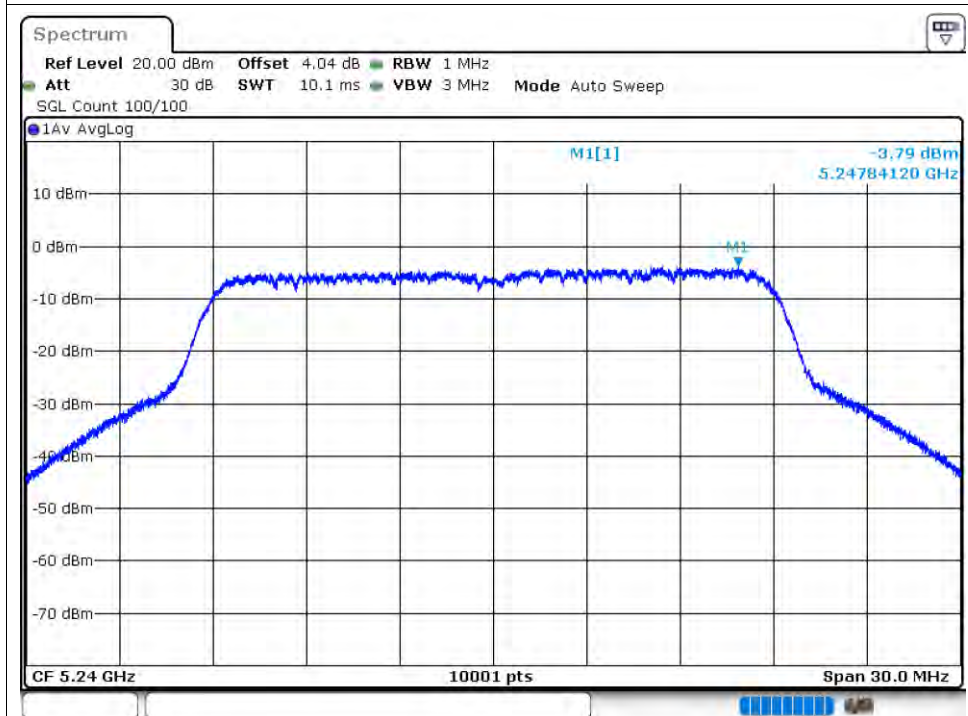








PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5180MHz Ant2

