

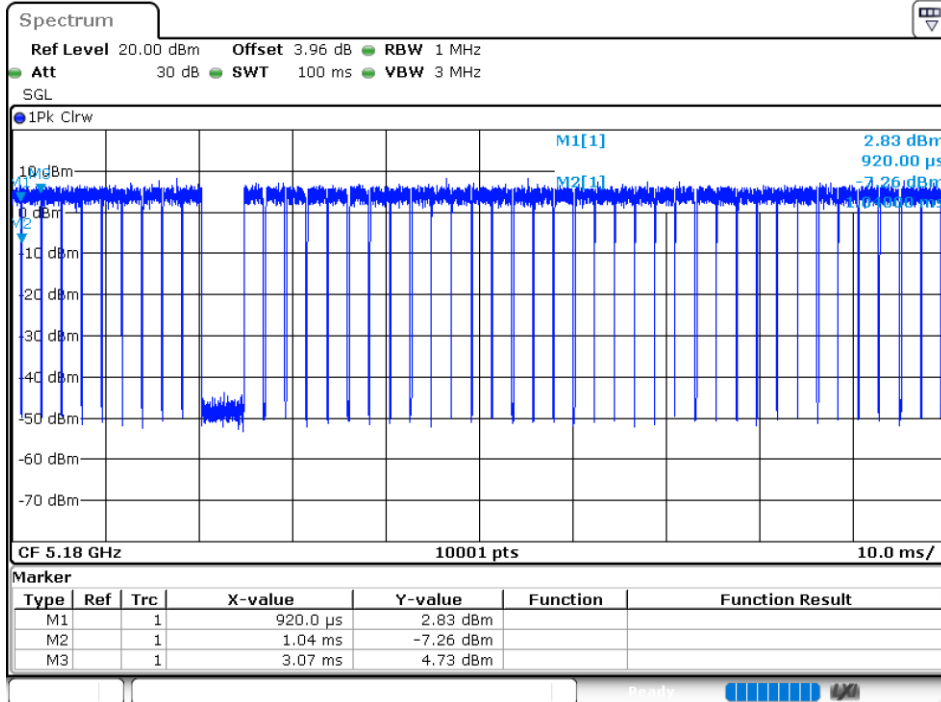
5.2G WIFI

Duty Cycle

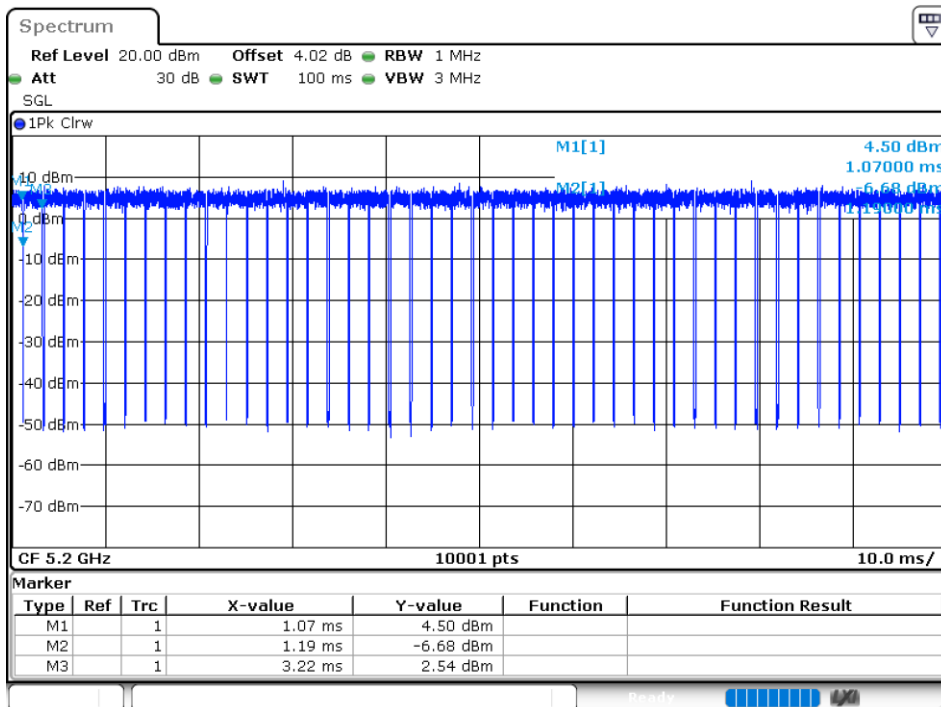
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	88.75	0.52	0.49
NVNT	a	5200	Ant1	93.63	0.29	0.49
NVNT	a	5240	Ant1	94.23	0.26	0.49
NVNT	n20	5180	Ant1	92.5	0.34	0.53
NVNT	n20	5200	Ant1	93.94	0.27	0.53
NVNT	n20	5240	Ant1	93.31	0.3	0.53
NVNT	n40	5190	Ant1	87.8	0.56	1.08
NVNT	n40	5230	Ant1	88.46	0.53	1.08
NVNT	ac20	5180	Ant1	92.8	0.32	0.53
NVNT	ac20	5200	Ant1	93.02	0.31	0.53
NVNT	ac20	5240	Ant1	94.08	0.26	0.53
NVNT	ac40	5190	Ant1	87.8	0.56	1.06
NVNT	ac40	5230	Ant1	88.25	0.54	1.06
NVNT	ac80	5210	Ant1	72.51	1.4	2.22
NVNT	ax20	5180	Ant1	90.97	0.41	0.68
NVNT	ax20	5200	Ant1	92.72	0.33	0.68
NVNT	ax20	5240	Ant1	89.68	0.47	0.68
NVNT	ax40	5190	Ant1	86.37	0.64	1.3
NVNT	ax40	5230	Ant1	86.43	0.63	1.32
NVNT	ax80	5210	Ant1	69.97	1.55	2.56

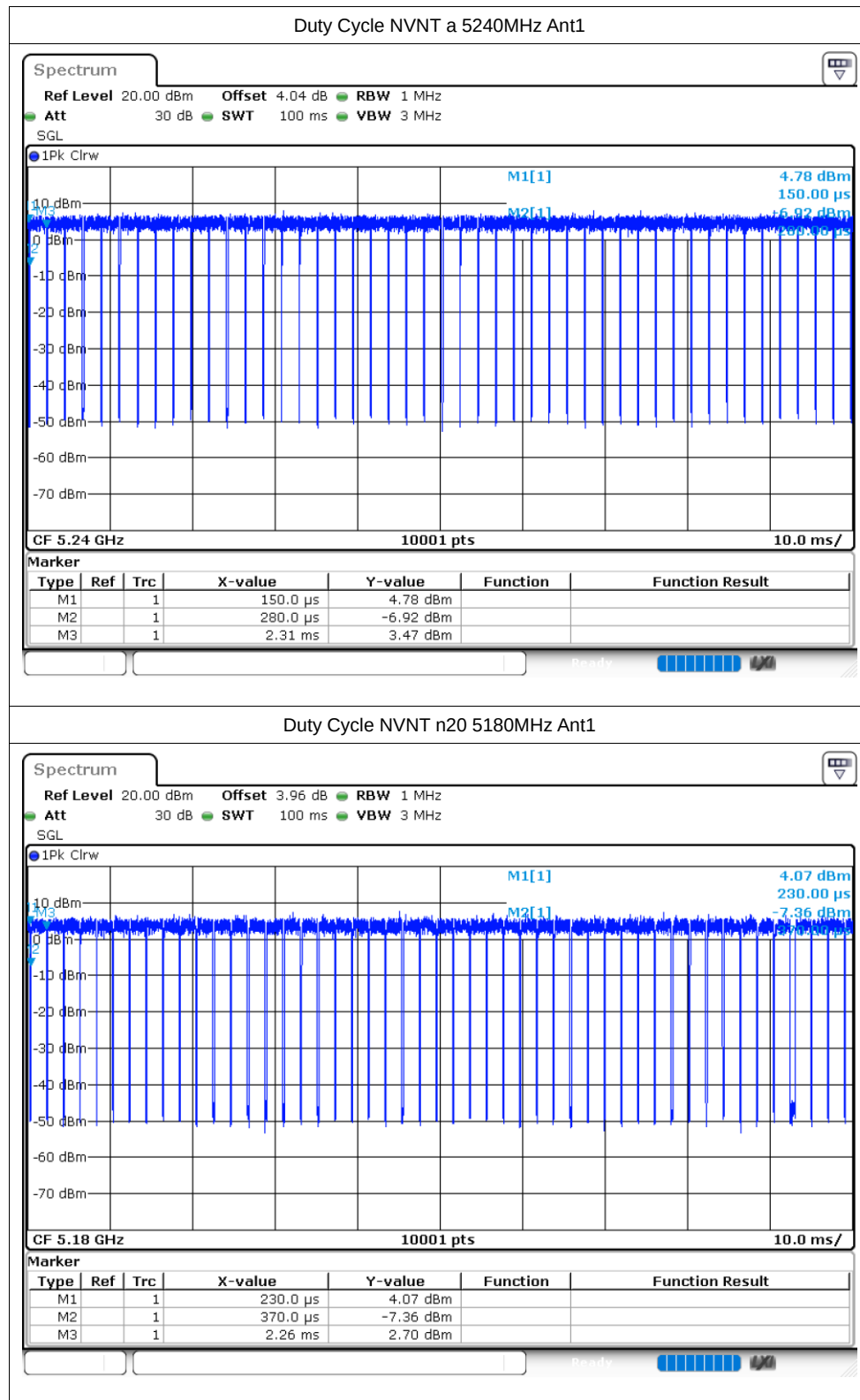
Test Graphs

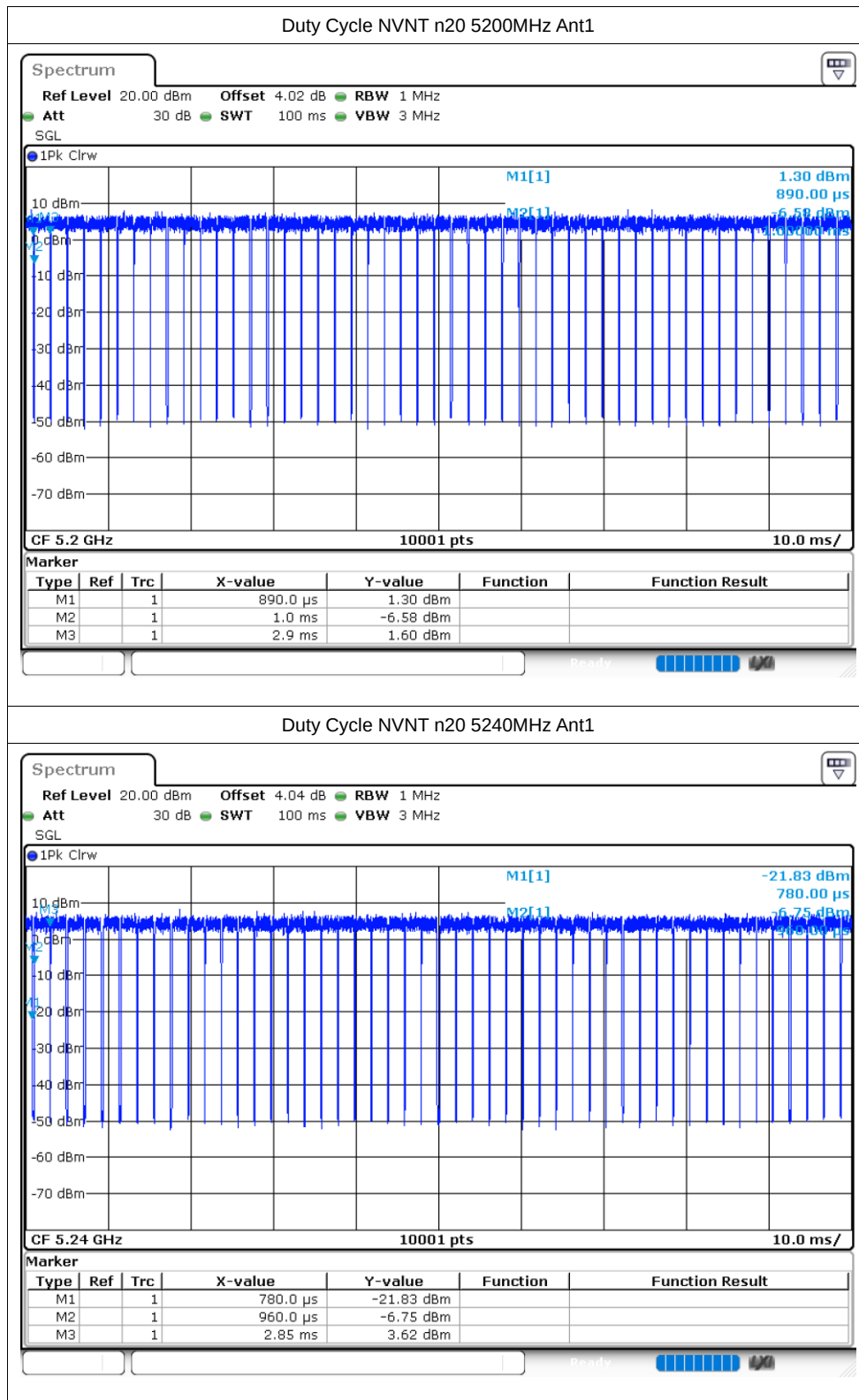
Duty Cycle NVNT a 5180MHz Ant1

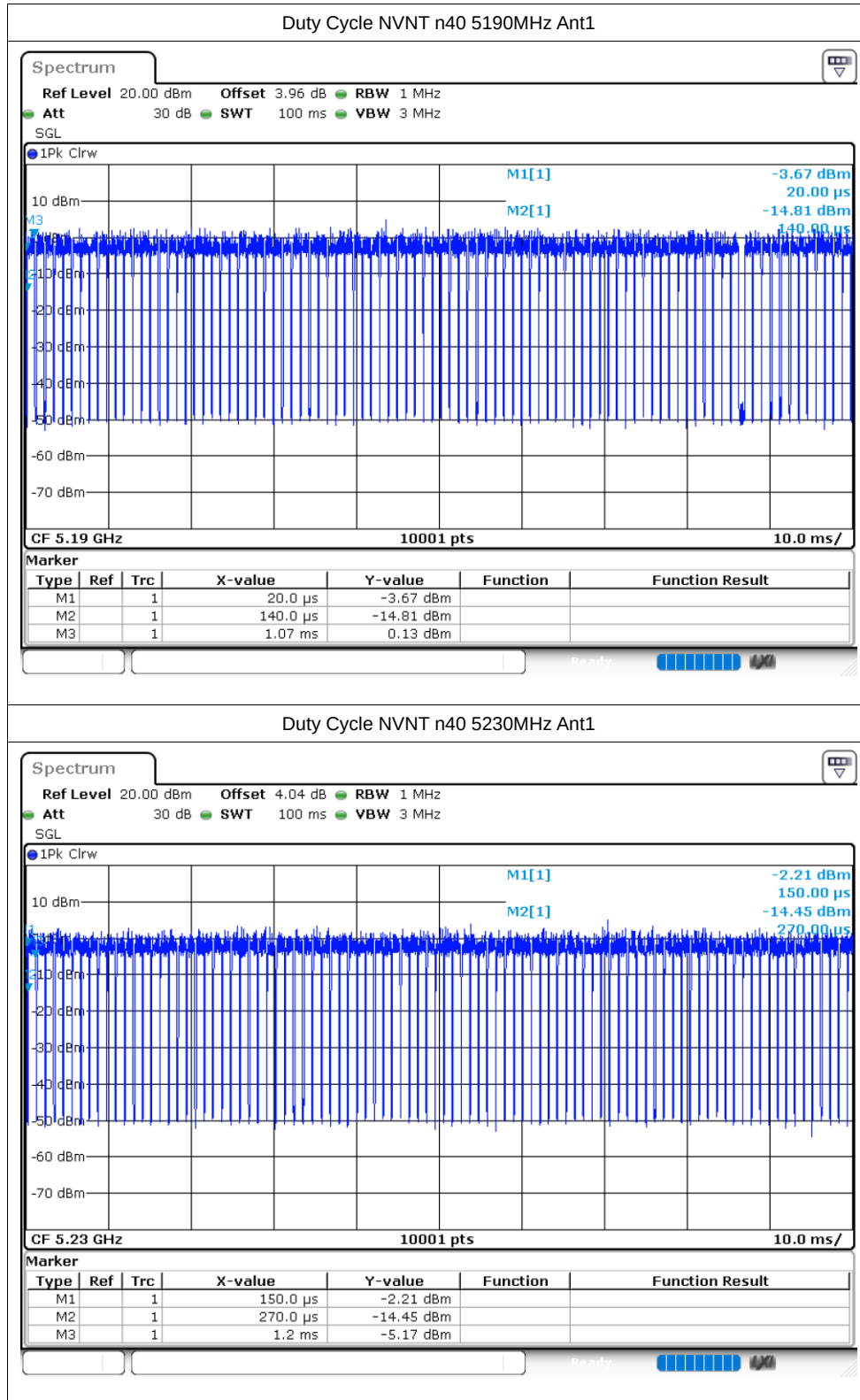


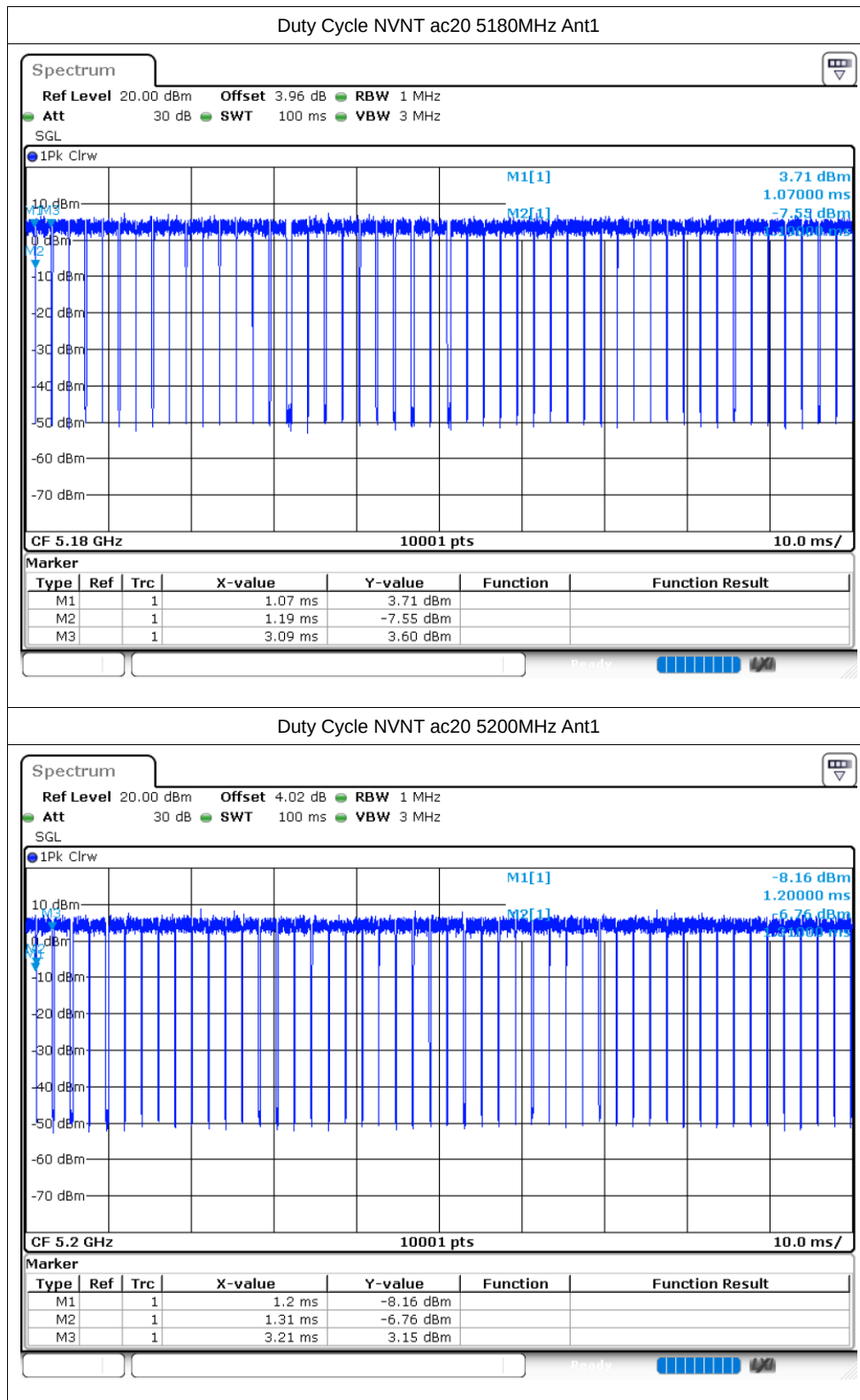
Duty Cycle NVNT a 5200MHz Ant1

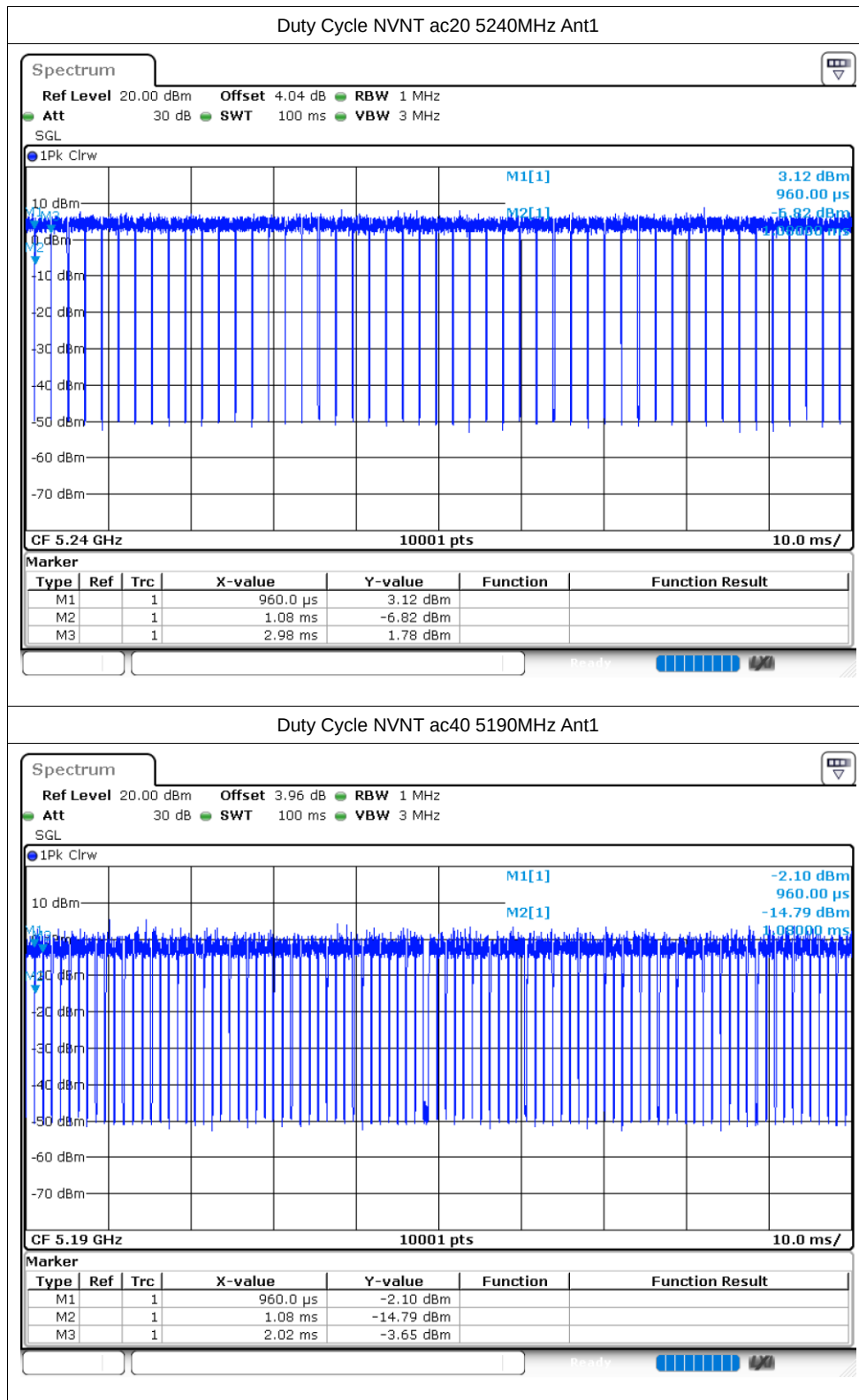


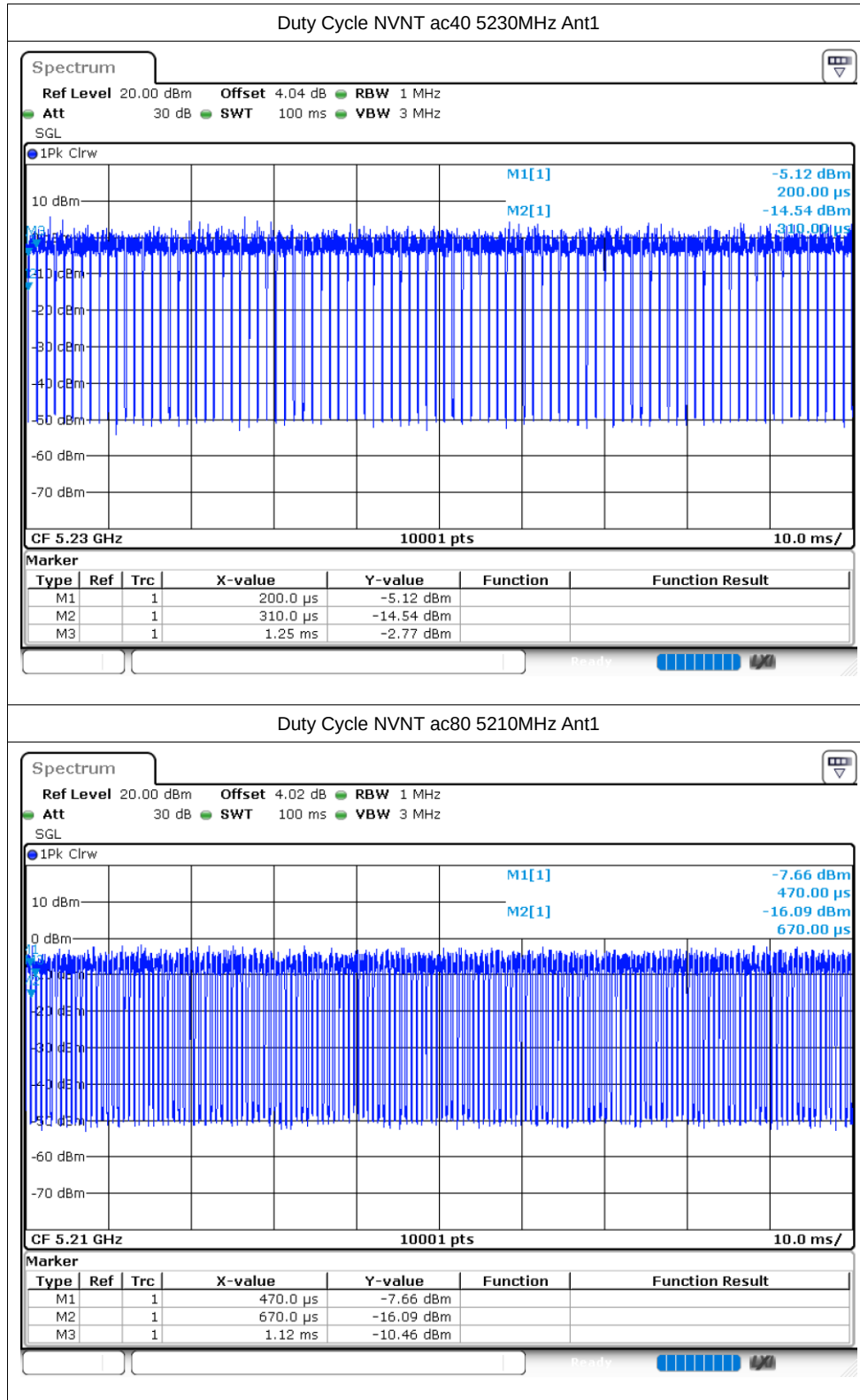




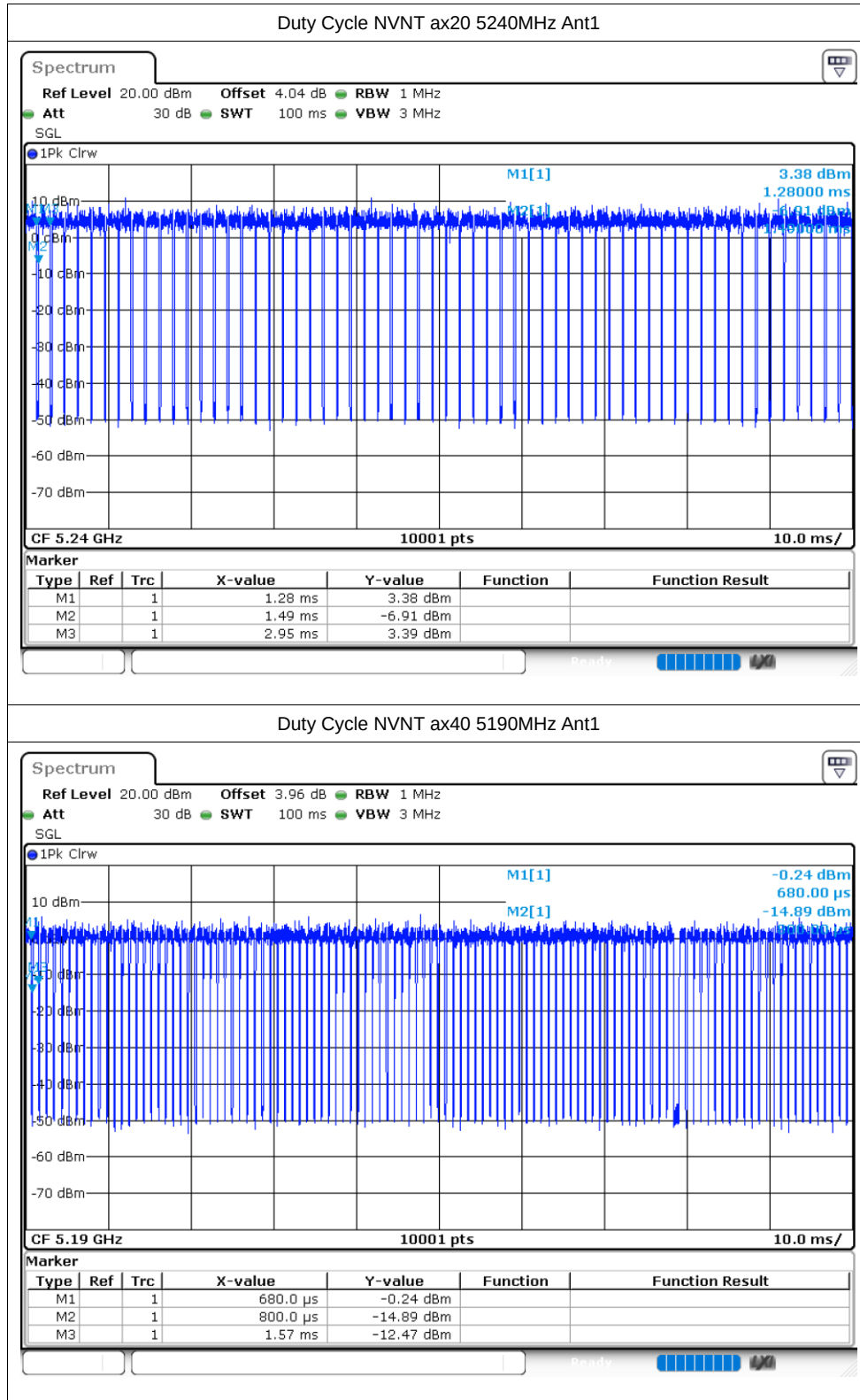


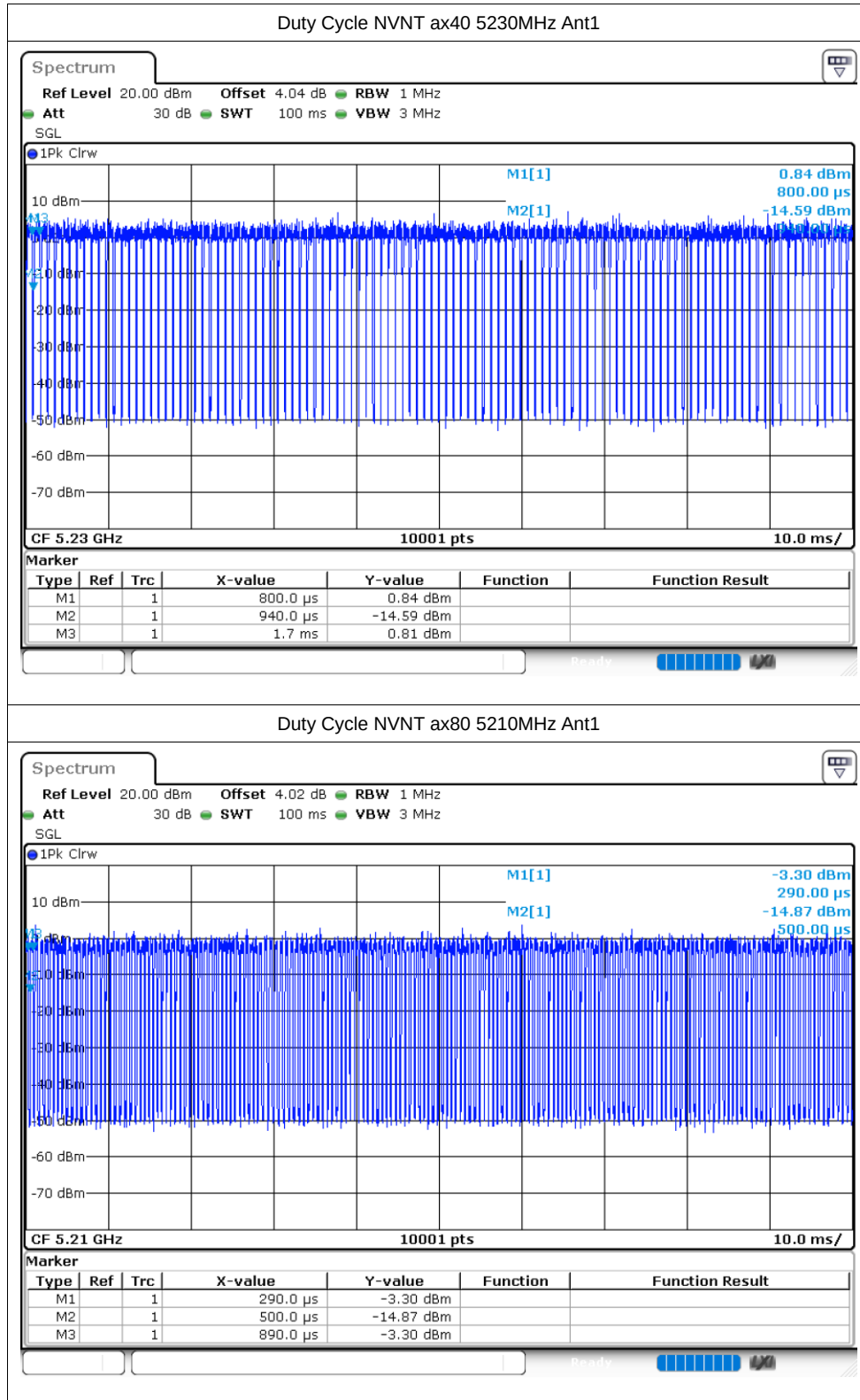












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.69	24	Pass
NVNT	a	5200	Ant1	11.96	24	Pass
NVNT	a	5240	Ant1	12.61	24	Pass
NVNT	n20	5180	Ant1	11.57	24	Pass
NVNT	n20	5200	Ant1	11.86	24	Pass
NVNT	n20	5240	Ant1	12.49	24	Pass
NVNT	n40	5190	Ant1	11.58	24	Pass
NVNT	n40	5230	Ant1	12.2	24	Pass
NVNT	ac20	5180	Ant1	11.59	24	Pass
NVNT	ac20	5200	Ant1	11.82	24	Pass
NVNT	ac20	5240	Ant1	12.65	24	Pass
NVNT	ac40	5190	Ant1	11.73	24	Pass
NVNT	ac40	5230	Ant1	12.37	24	Pass
NVNT	ac80	5210	Ant1	10.21	24	Pass
NVNT	ax20	5180	Ant1	11.6	24	Pass
NVNT	ax20	5200	Ant1	11.7	24	Pass
NVNT	ax20	5240	Ant1	12.46	24	Pass
NVNT	ax40	5190	Ant1	11.55	24	Pass
NVNT	ax40	5230	Ant1	12.19	24	Pass
NVNT	ax80	5210	Ant1	11.98	24	Pass

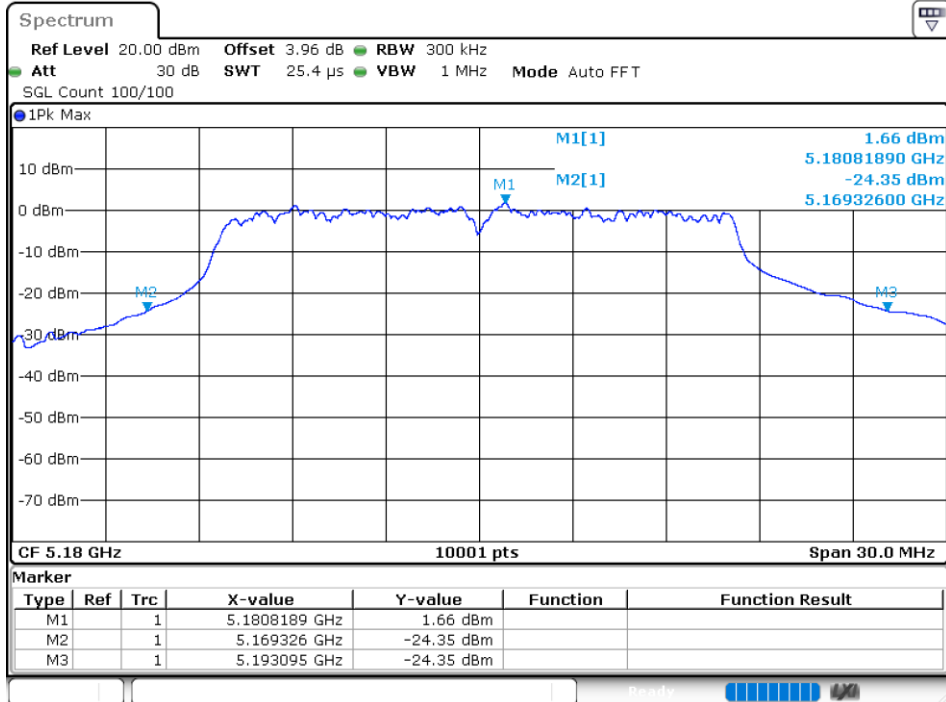
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

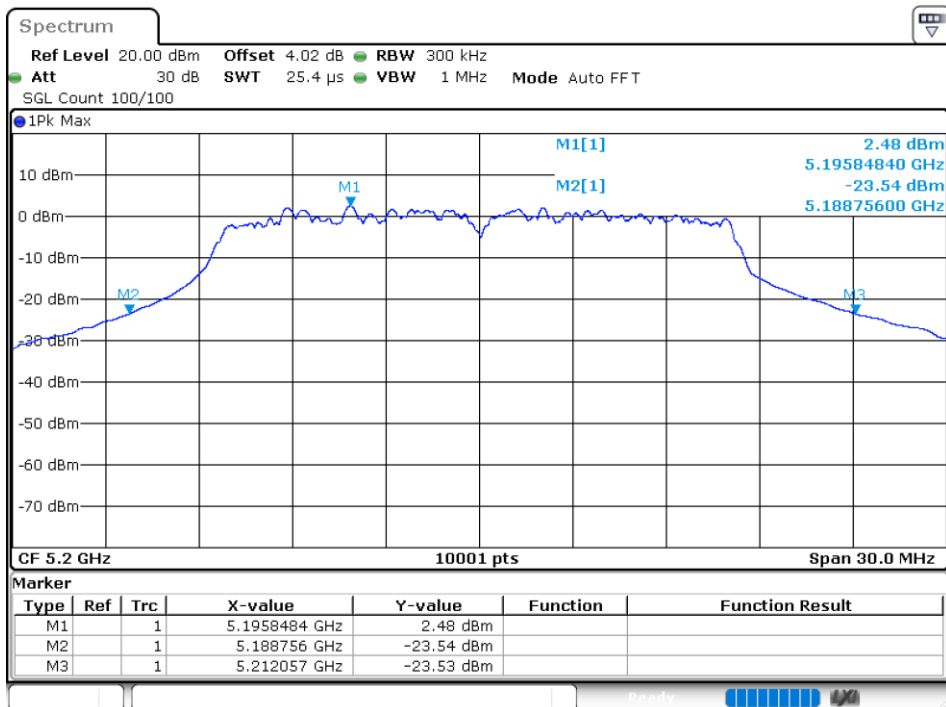
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.769	Pass
NVNT	a	5200	Ant1	23.301	Pass
NVNT	a	5240	Ant1	22.704	Pass
NVNT	n20	5180	Ant1	24.207	Pass
NVNT	n20	5200	Ant1	24.576	Pass
NVNT	n20	5240	Ant1	27.051	Pass
NVNT	n40	5190	Ant1	46.548	Pass
NVNT	n40	5230	Ant1	47.55	Pass
NVNT	ac20	5180	Ant1	22.914	Pass
NVNT	ac20	5200	Ant1	24.225	Pass
NVNT	ac20	5240	Ant1	24.231	Pass
NVNT	ac40	5190	Ant1	47.418	Pass
NVNT	ac40	5230	Ant1	47.274	Pass
NVNT	ac80	5210	Ant1	88.416	Pass
NVNT	ax20	5180	Ant1	24.963	Pass
NVNT	ax20	5200	Ant1	25.989	Pass
NVNT	ax20	5240	Ant1	25.071	Pass
NVNT	ax40	5190	Ant1	44.982	Pass
NVNT	ax40	5230	Ant1	45.786	Pass
NVNT	ax80	5210	Ant1	86.568	Pass

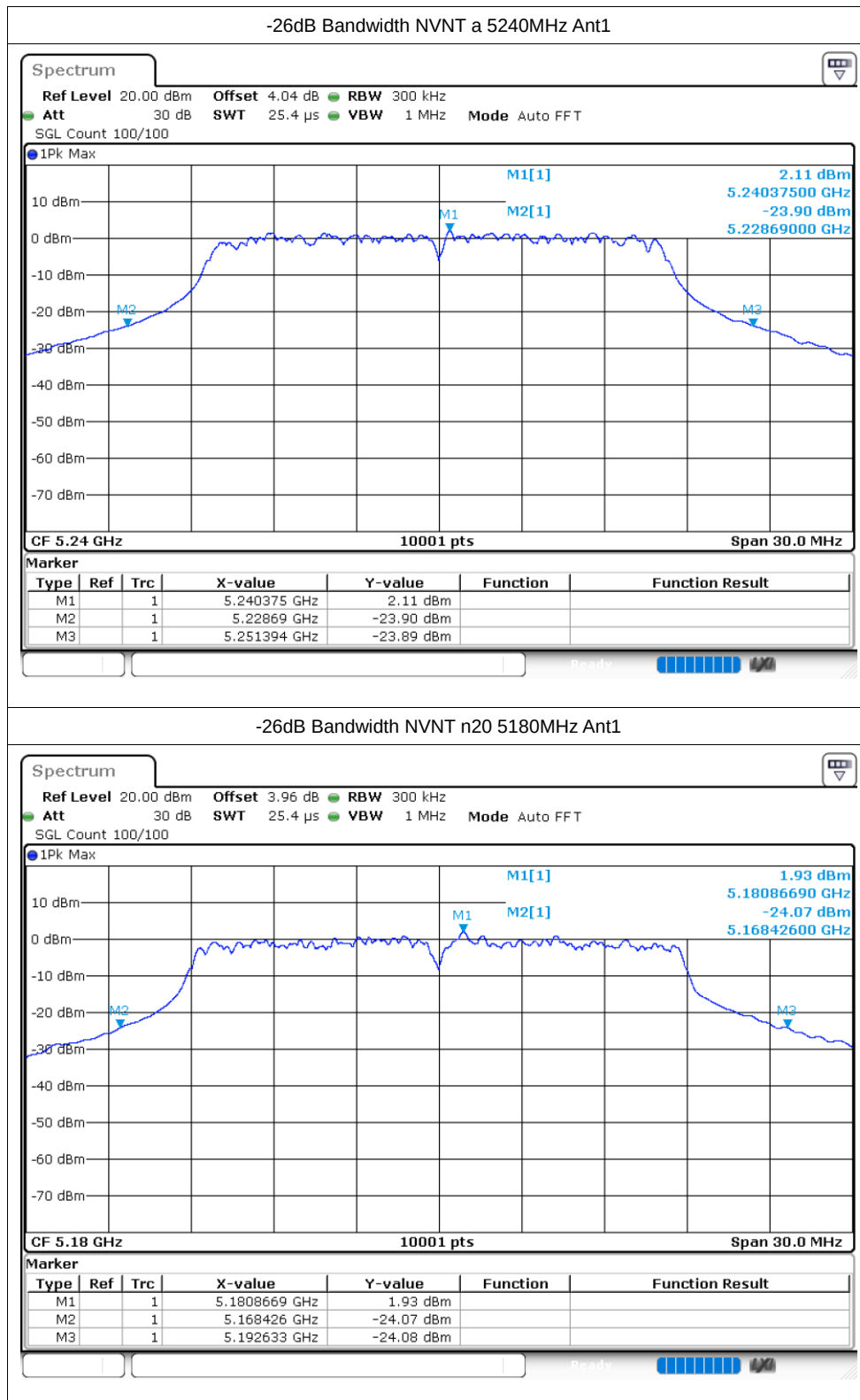
Test Graphs

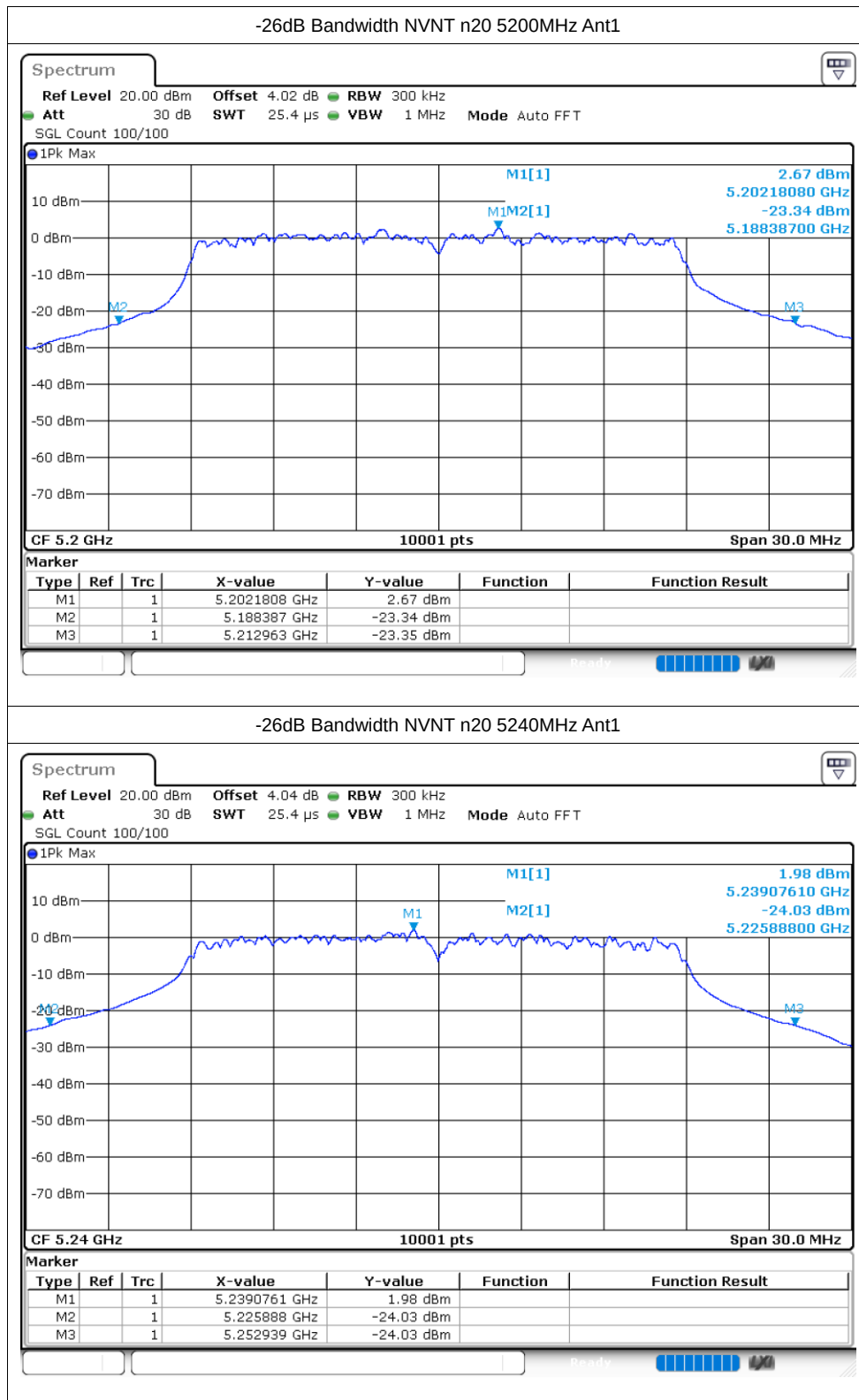
-26dB Bandwidth NVNT a 5180MHz Ant1

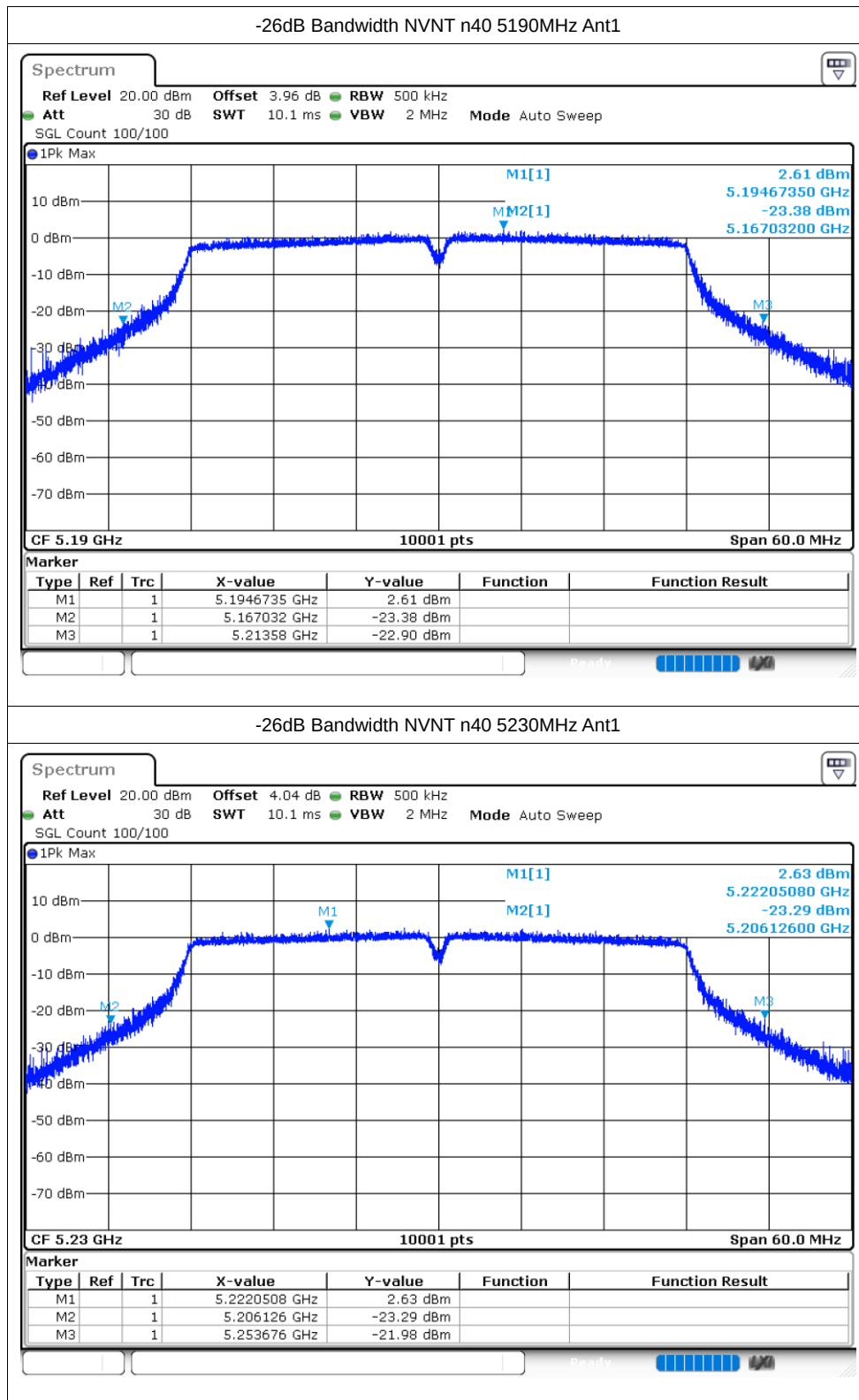


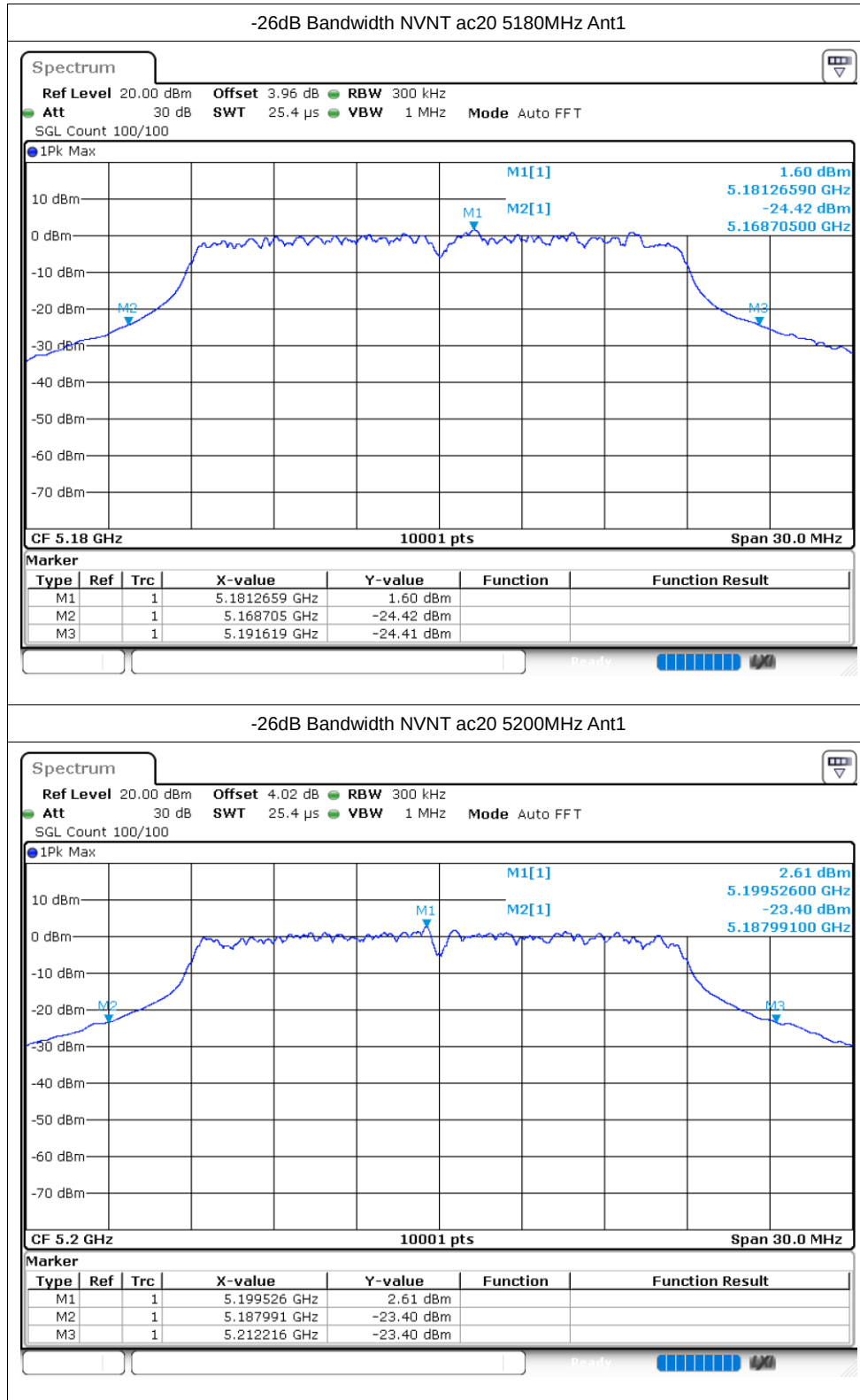
-26dB Bandwidth NVNT a 5200MHz Ant1



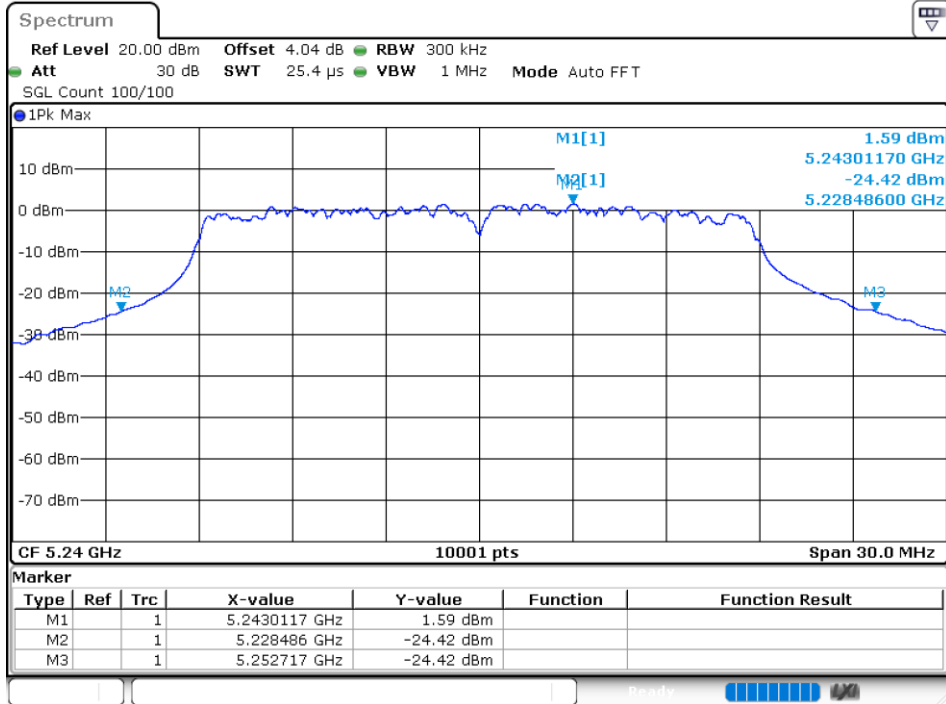




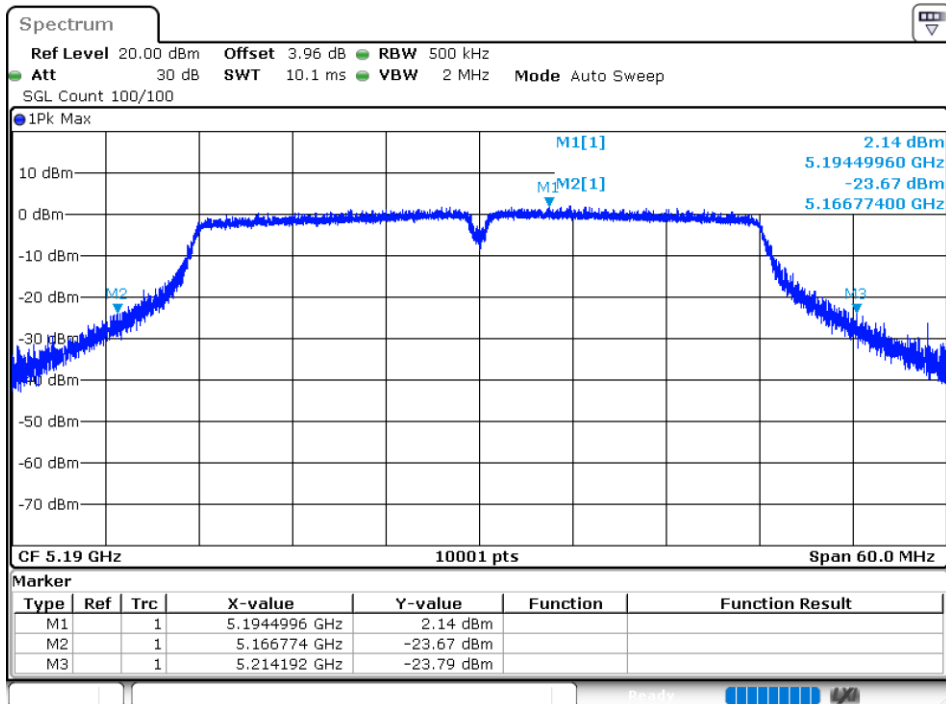




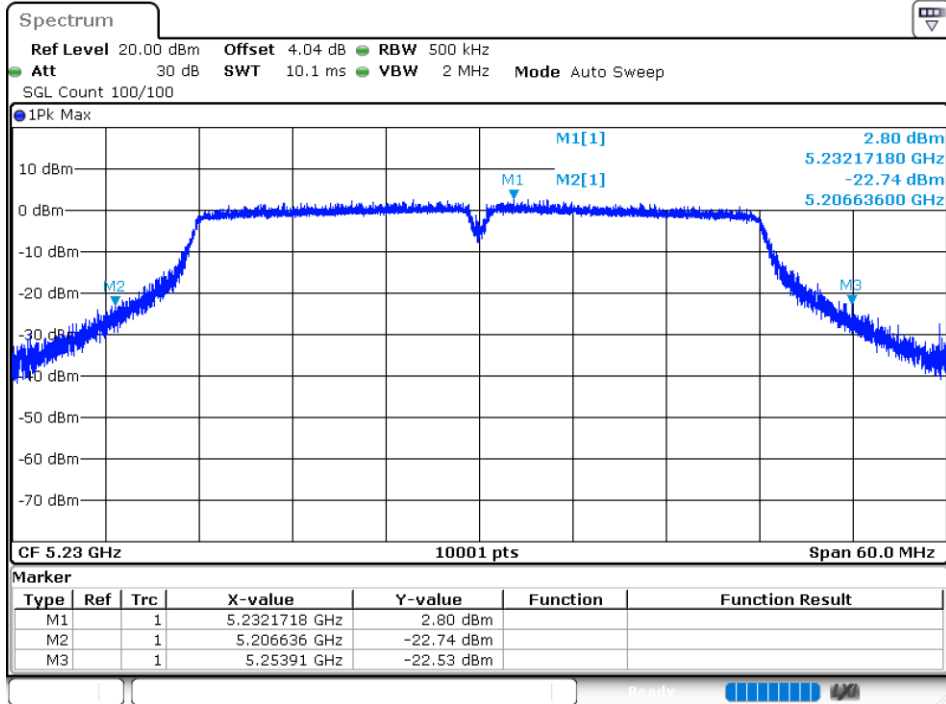
-26dB Bandwidth NVNT ac20 5240MHz Ant1



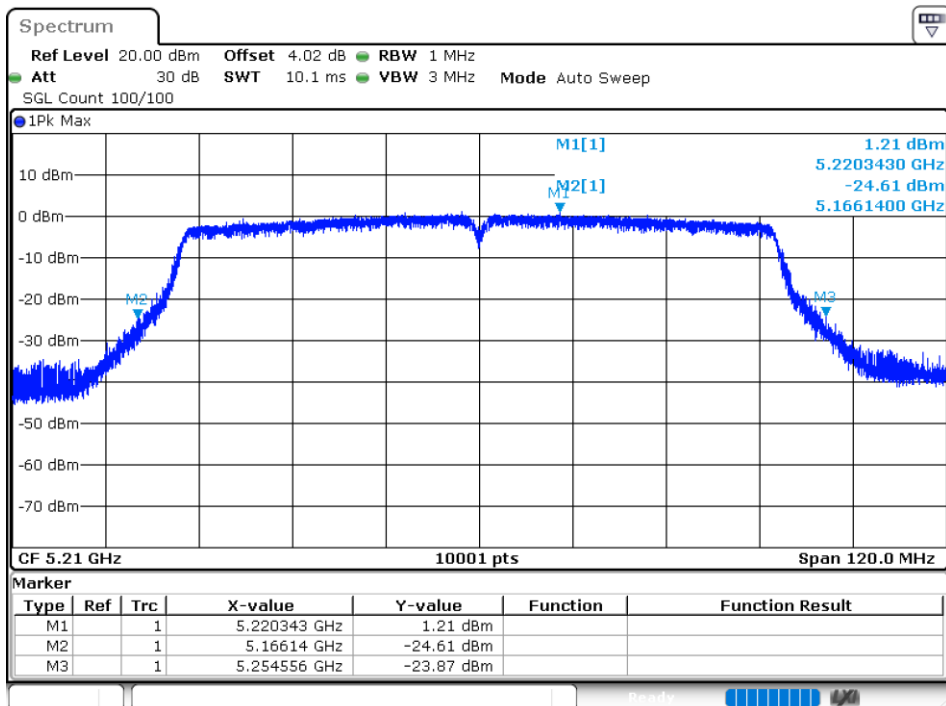
-26dB Bandwidth NVNT ac40 5190MHz Ant1

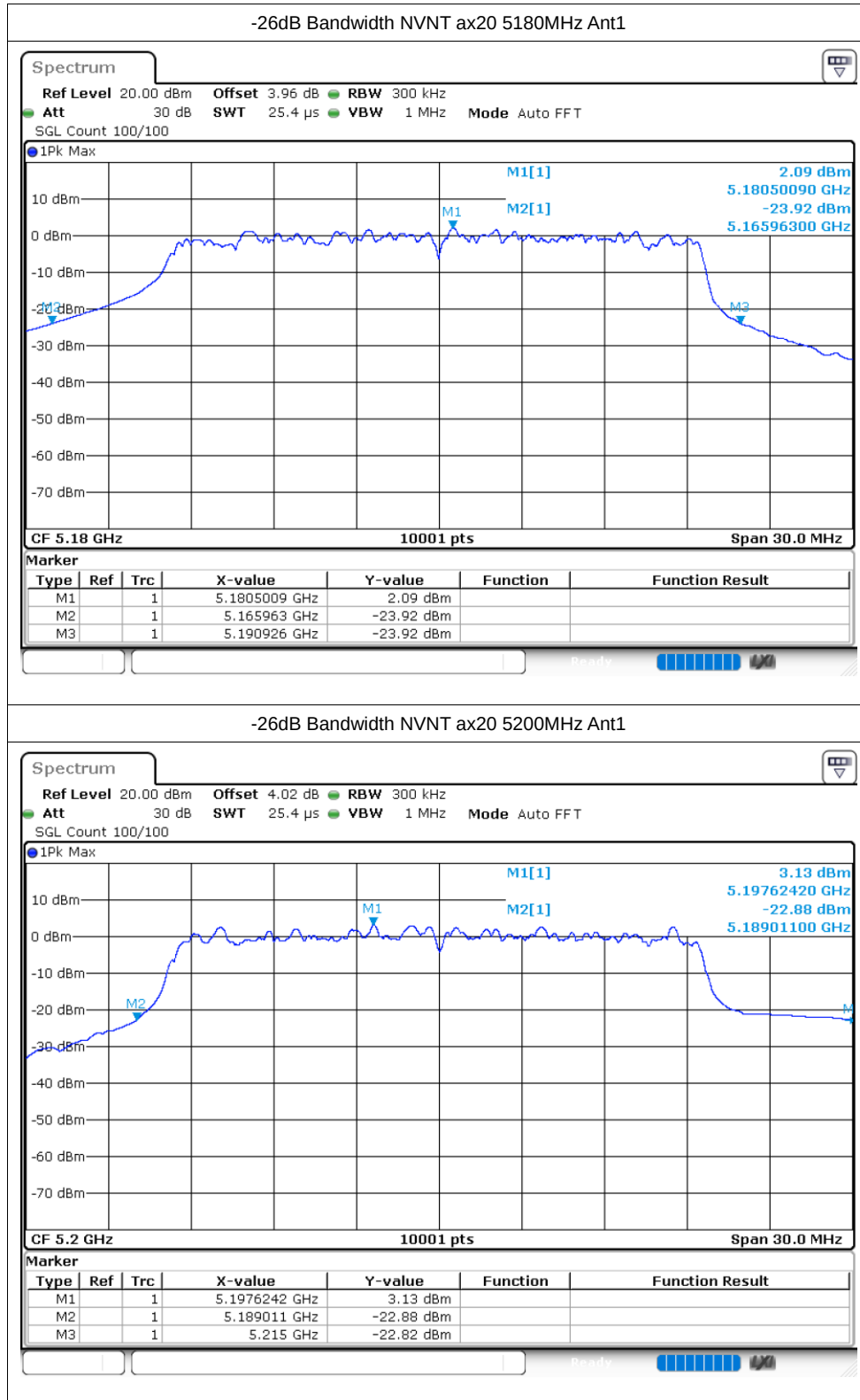


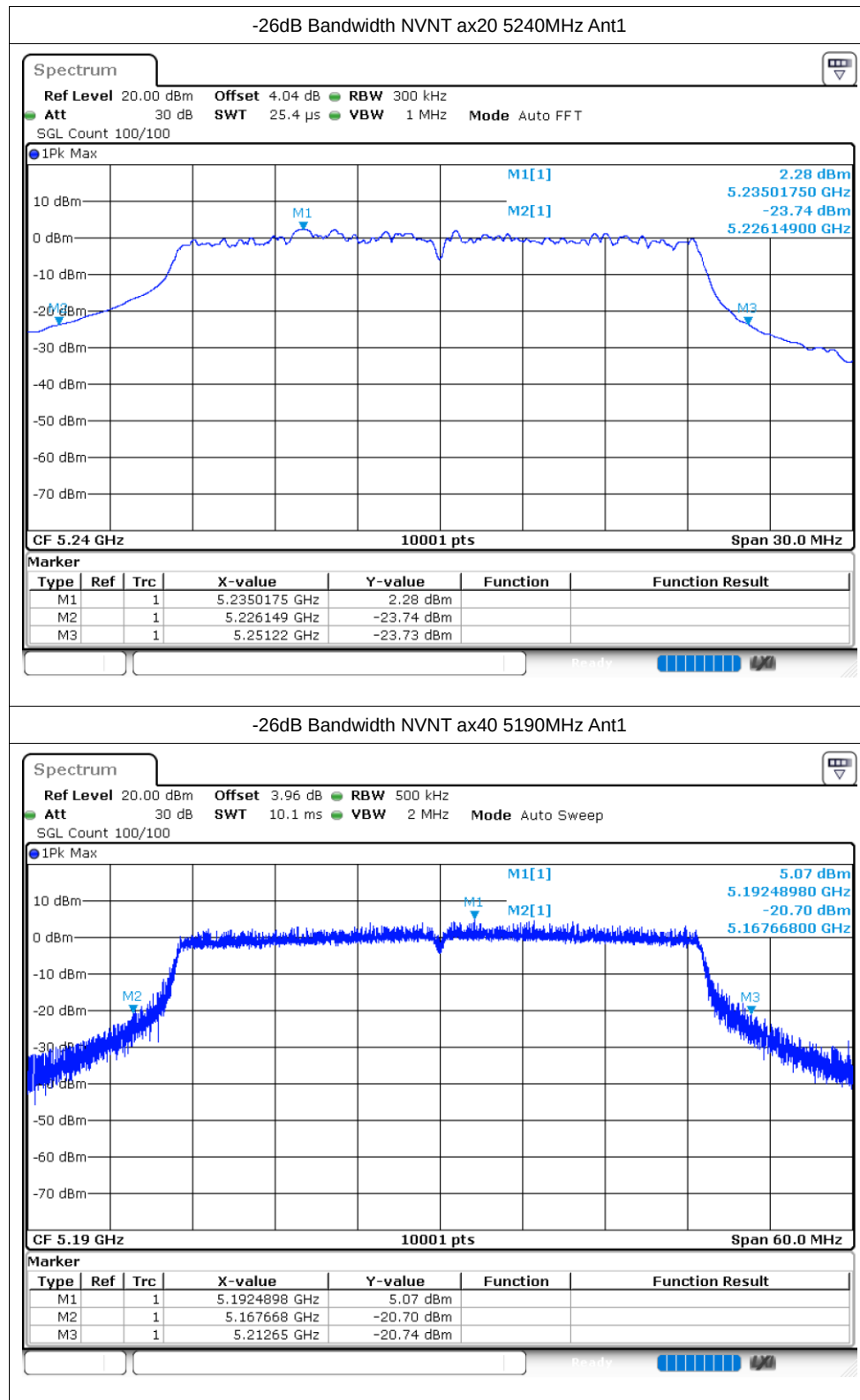
-26dB Bandwidth NVNT ac40 5230MHz Ant1

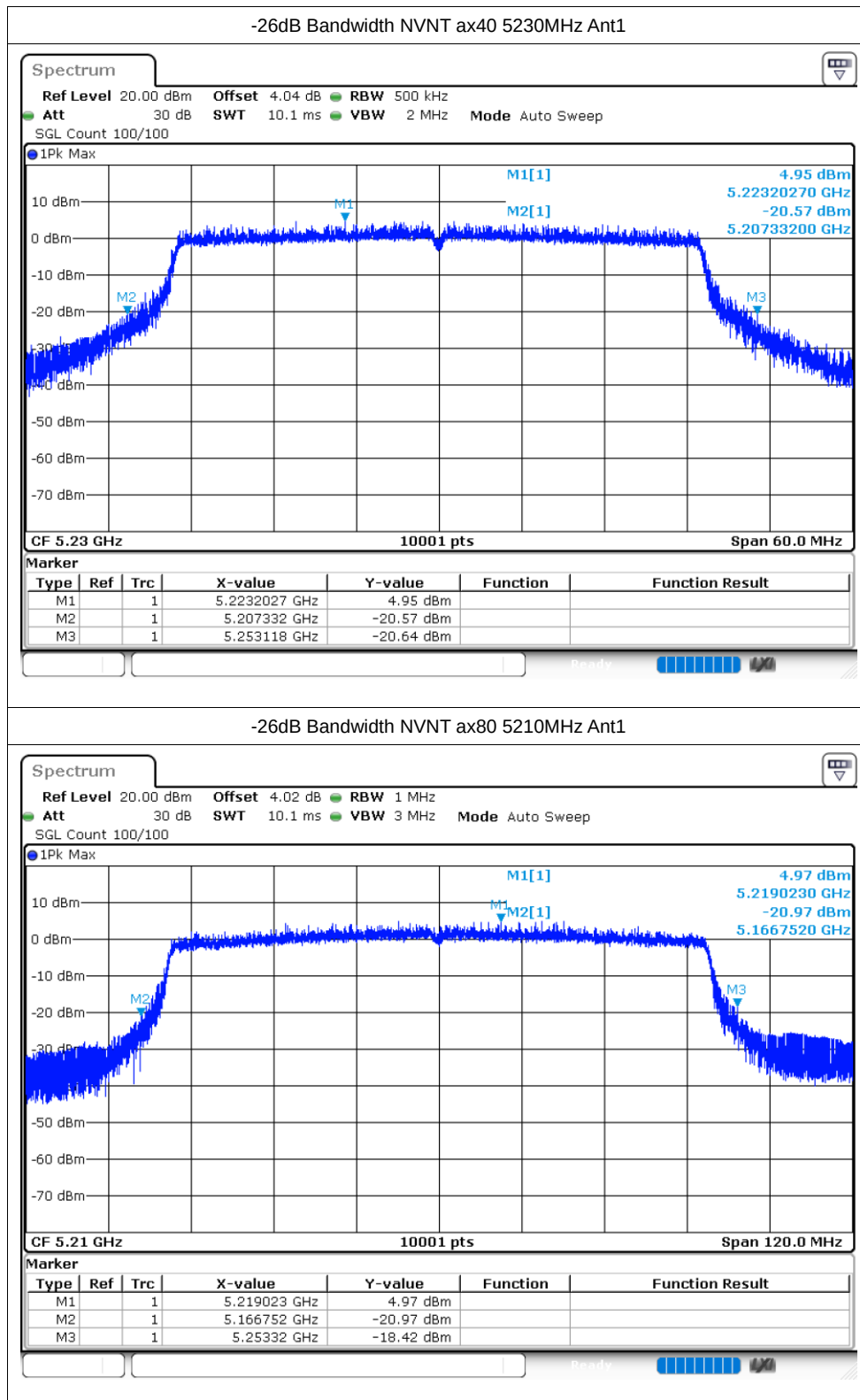


-26dB Bandwidth NVNT ac80 5210MHz Ant1







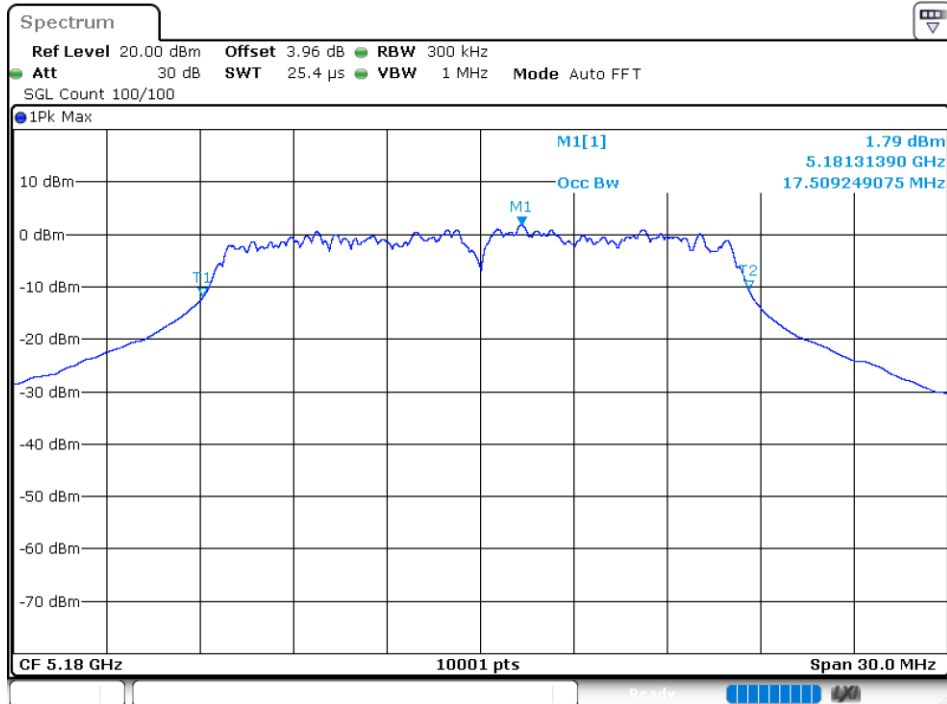


Occupied Channel Bandwidth

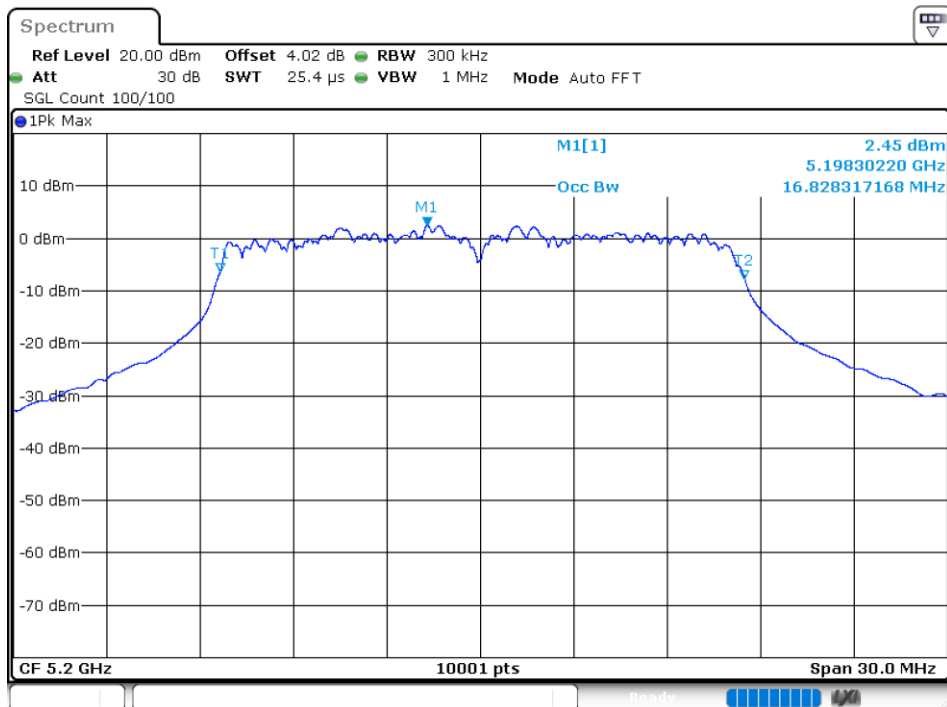
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.509
NVNT	a	5200	Ant1	16.828
NVNT	a	5240	Ant1	16.801
NVNT	n20	5180	Ant1	18.199
NVNT	n20	5200	Ant1	17.671
NVNT	n20	5240	Ant1	17.917
NVNT	n40	5190	Ant1	36.584
NVNT	n40	5230	Ant1	36.56
NVNT	ac20	5180	Ant1	17.989
NVNT	ac20	5200	Ant1	18.058
NVNT	ac20	5240	Ant1	18.106
NVNT	ac40	5190	Ant1	36.548
NVNT	ac40	5230	Ant1	36.536
NVNT	ac80	5210	Ant1	75.616
NVNT	ax20	5180	Ant1	19.117
NVNT	ax20	5200	Ant1	19.039
NVNT	ax20	5240	Ant1	19.171
NVNT	ax40	5190	Ant1	37.916
NVNT	ax40	5230	Ant1	37.91
NVNT	ax80	5210	Ant1	77.296

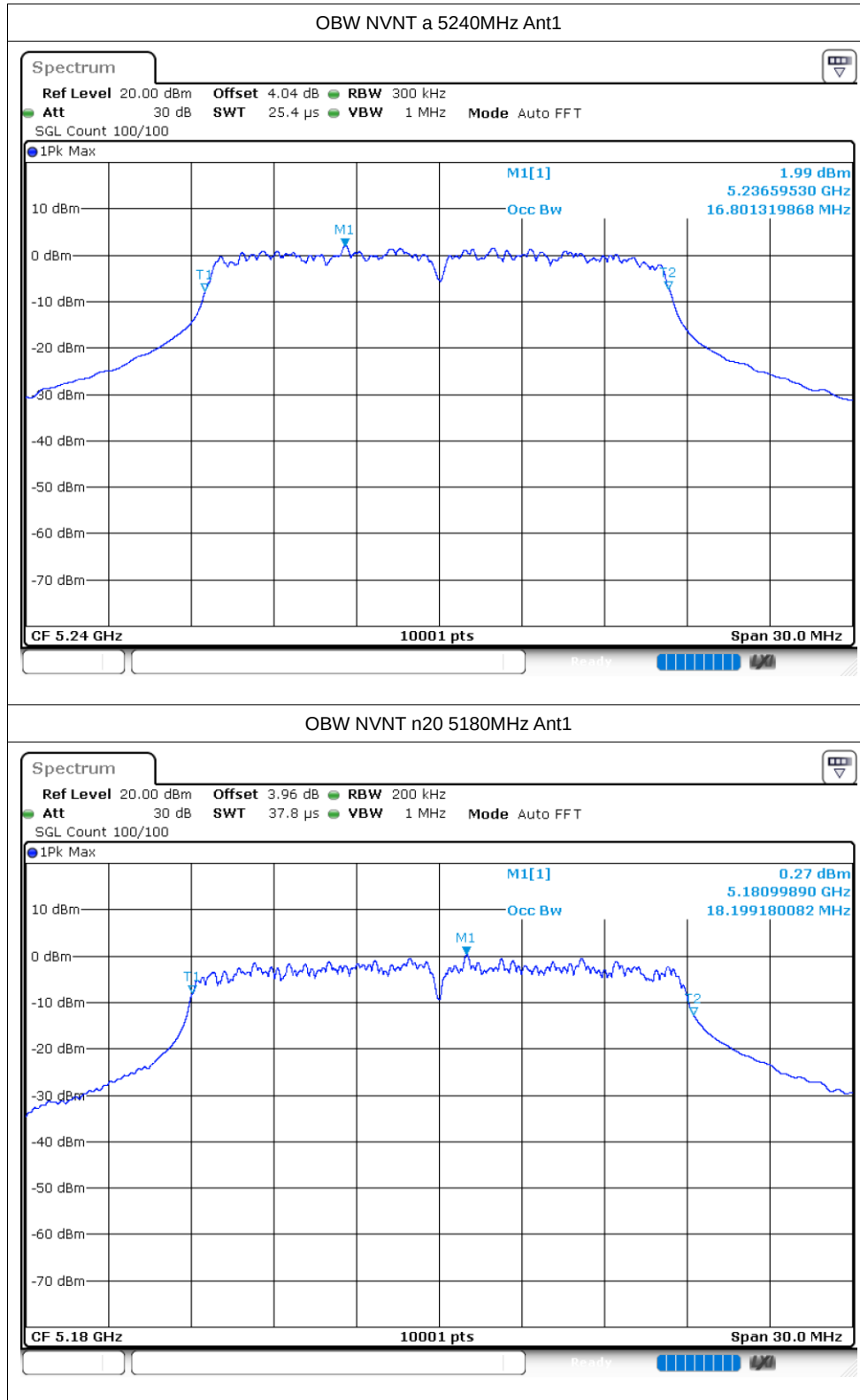
Test Graphs

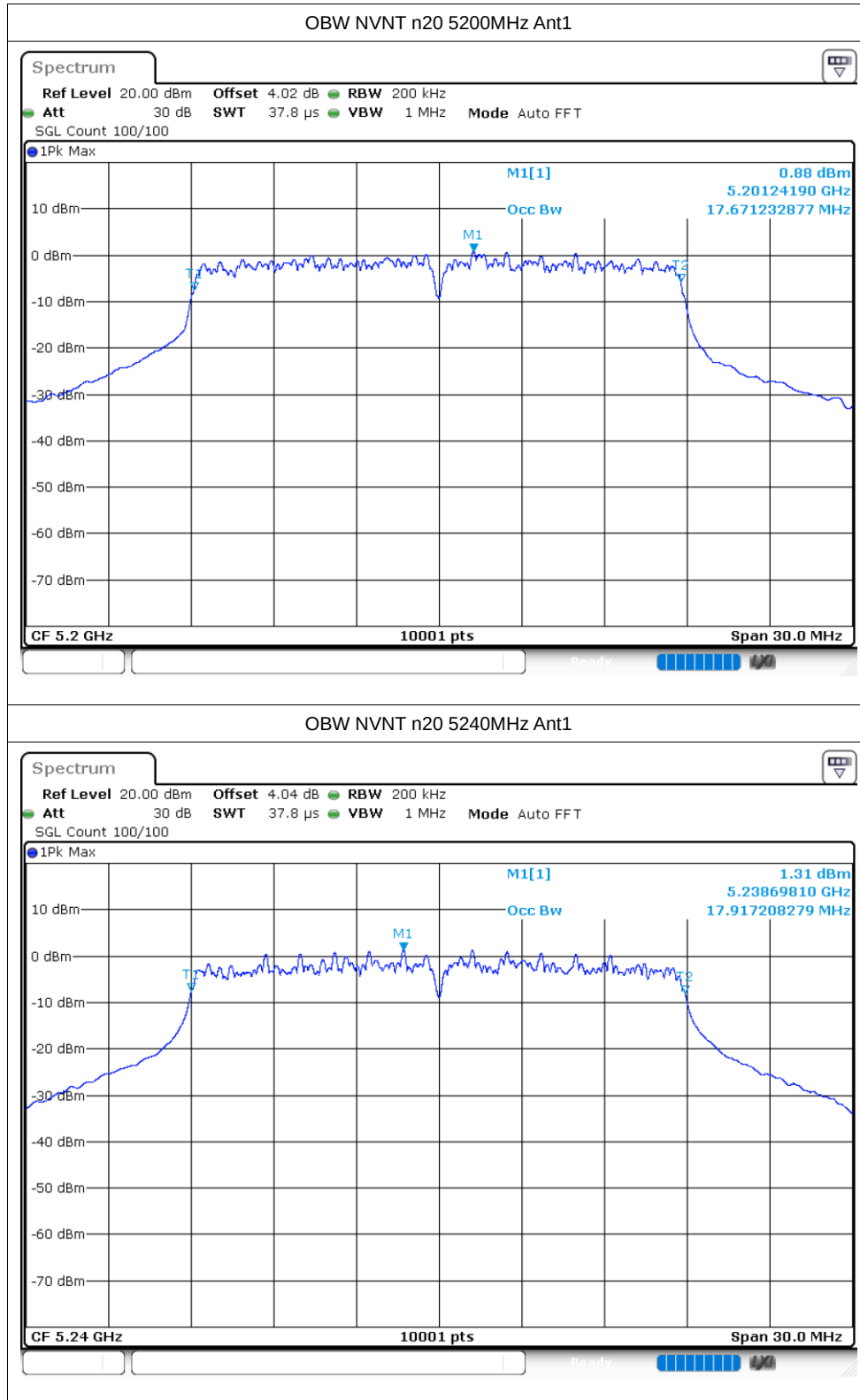
OBW NVNT a 5180MHz Ant1

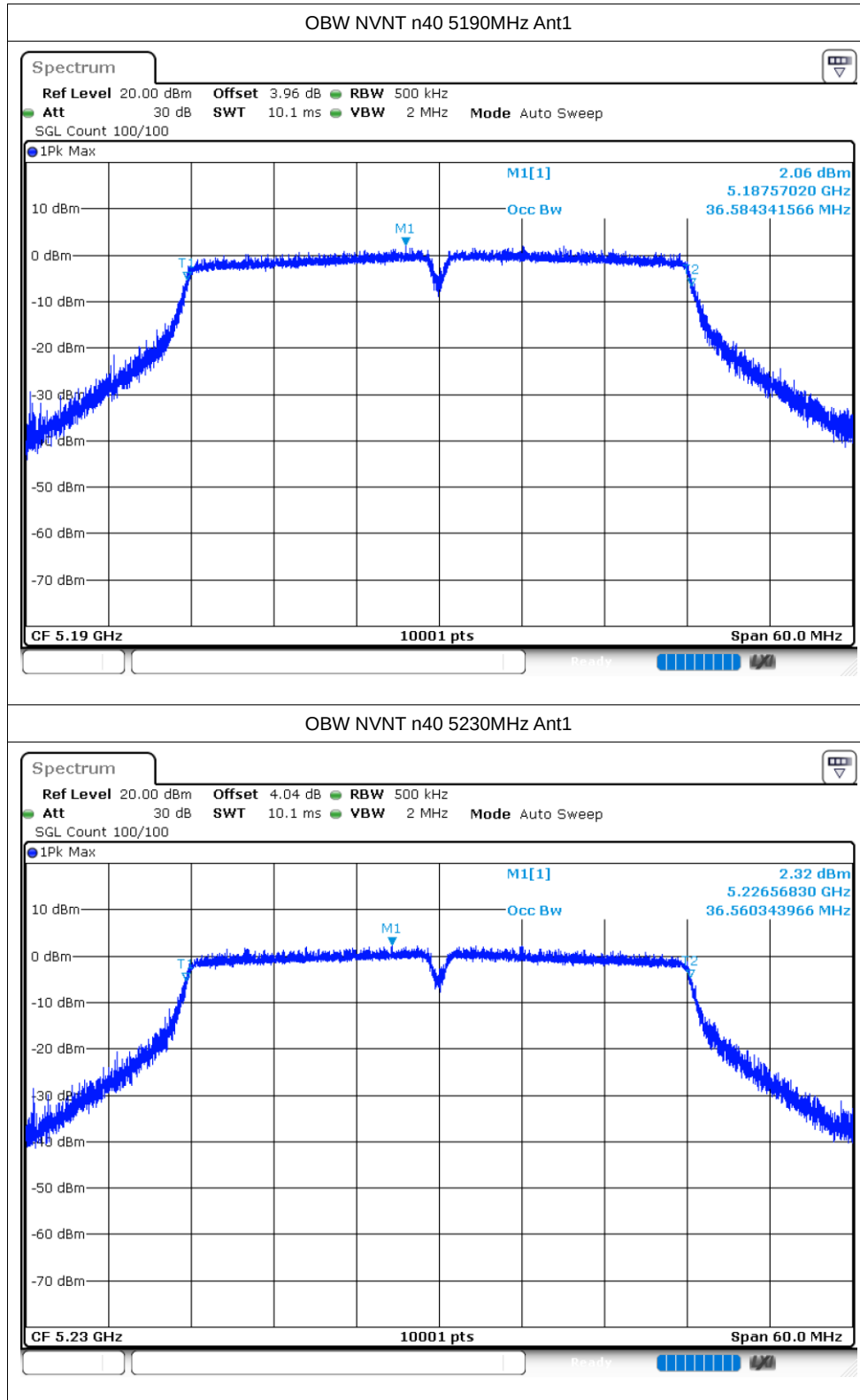


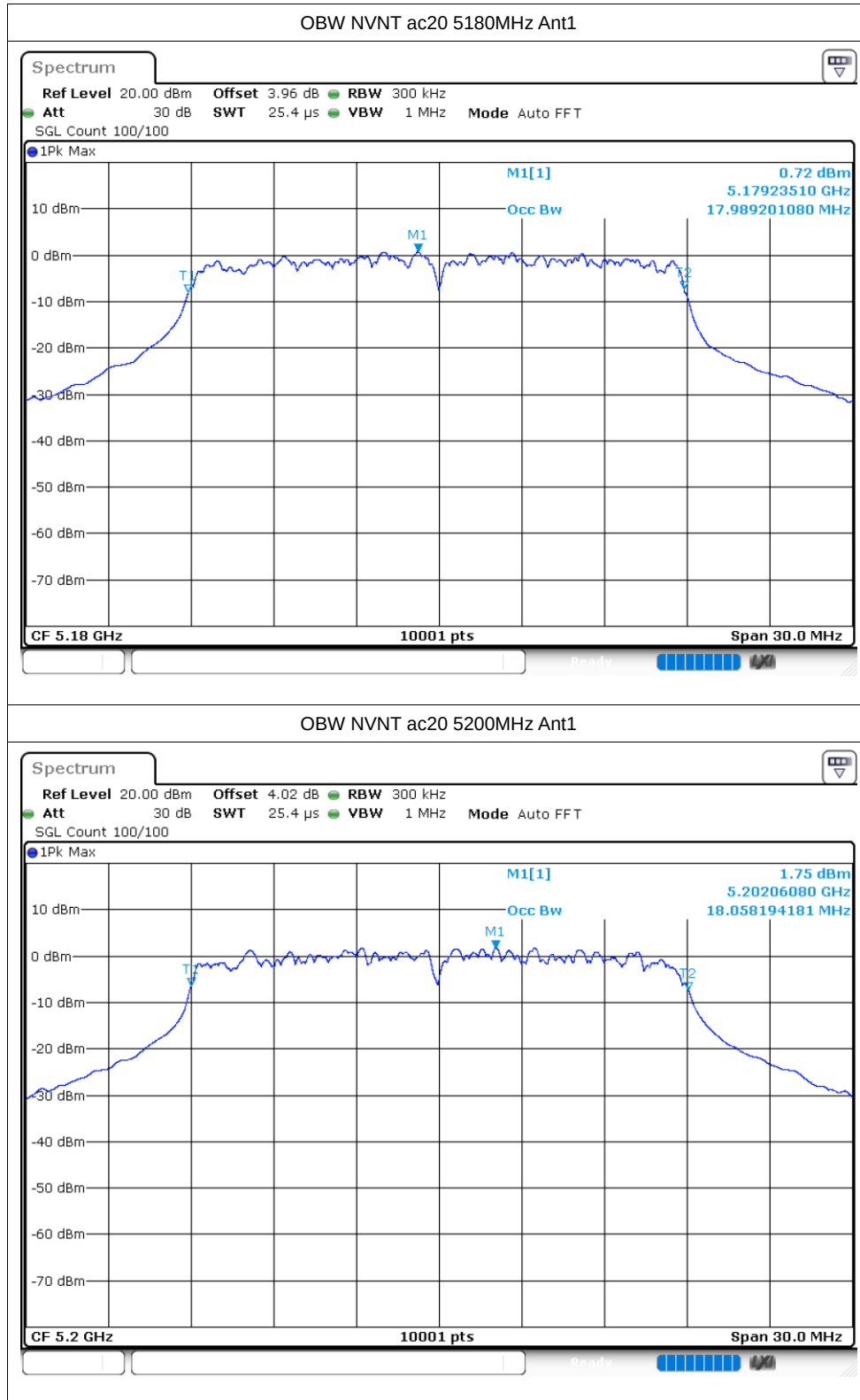
OBW NVNT a 5200MHz Ant1

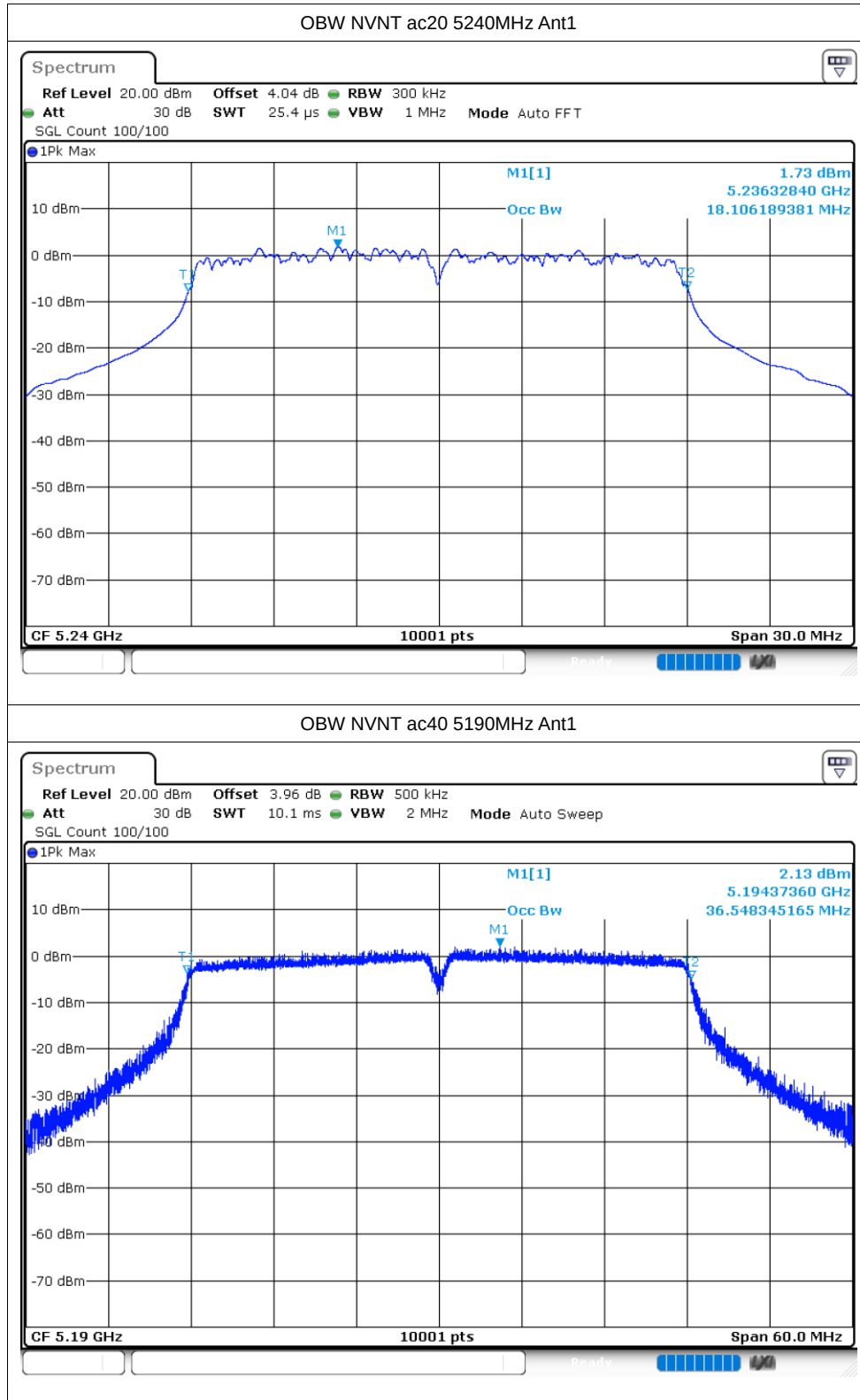


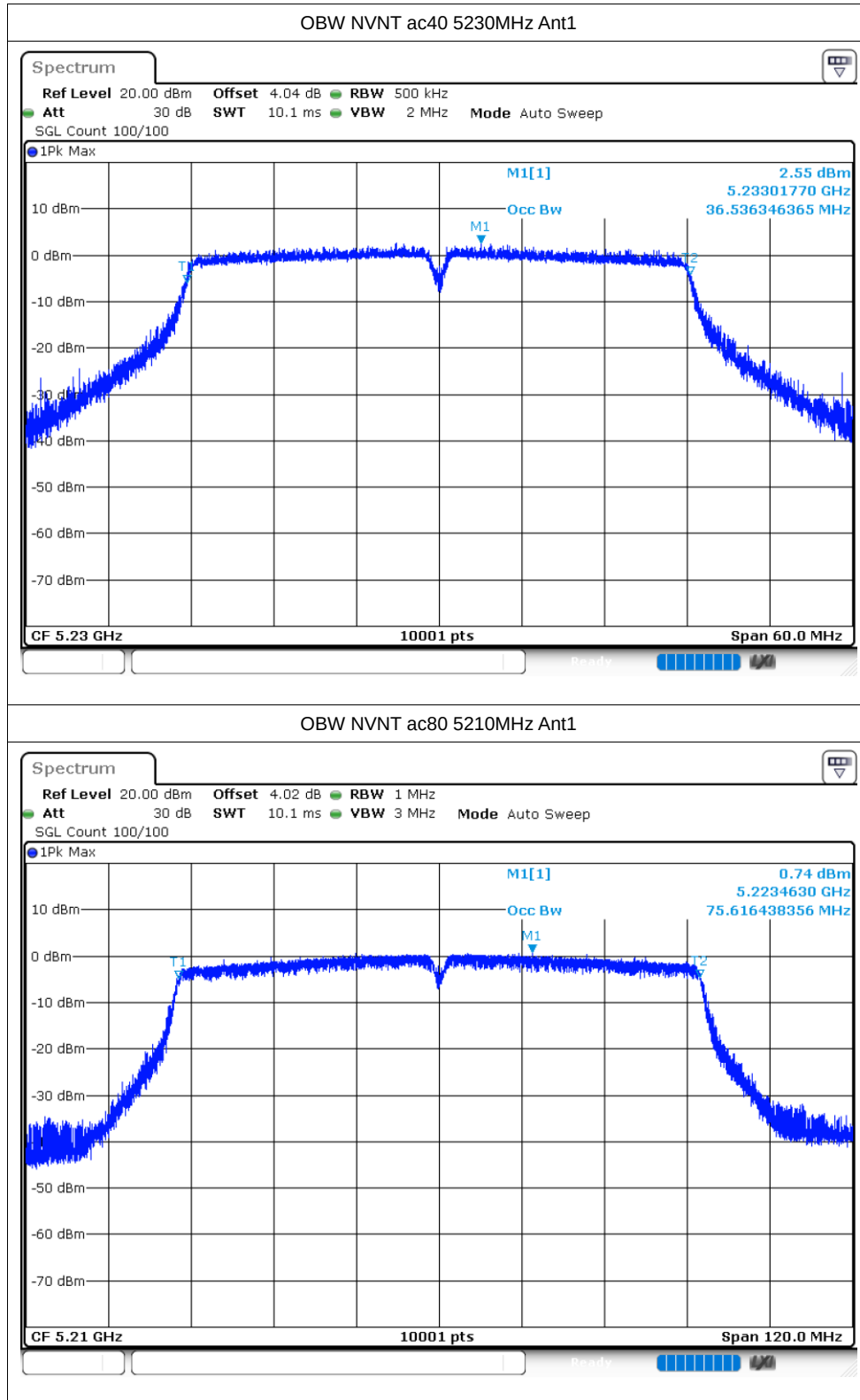


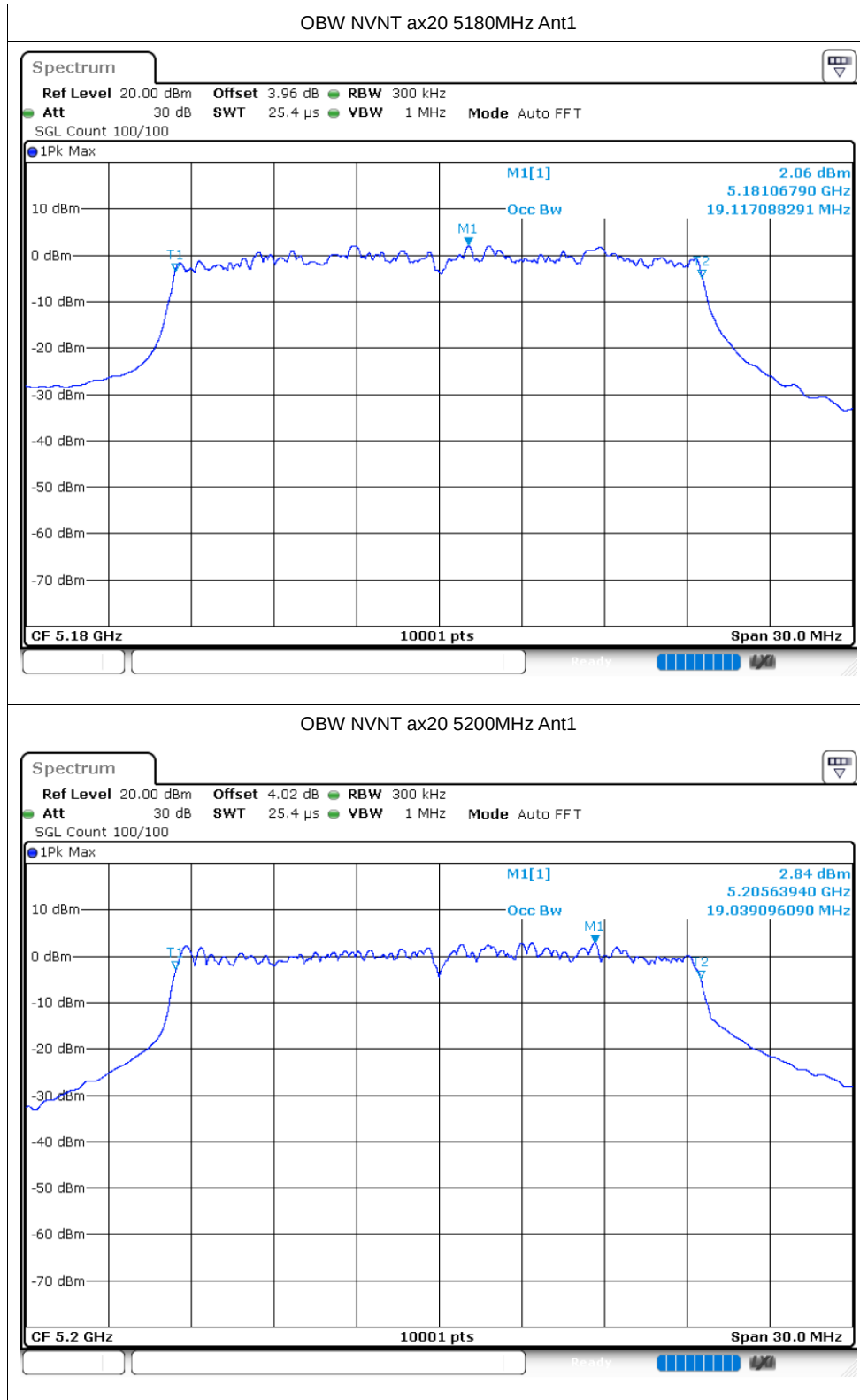


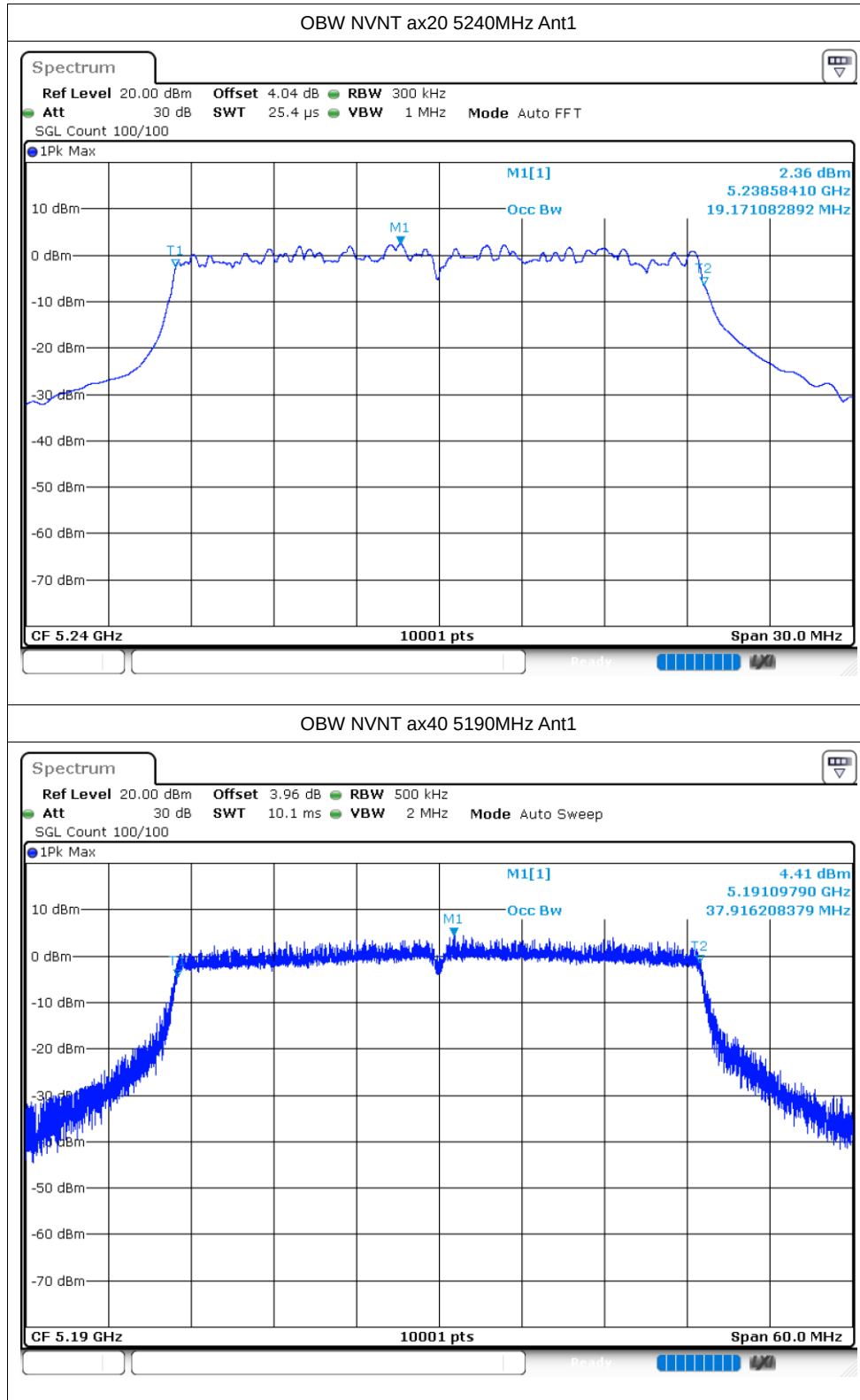


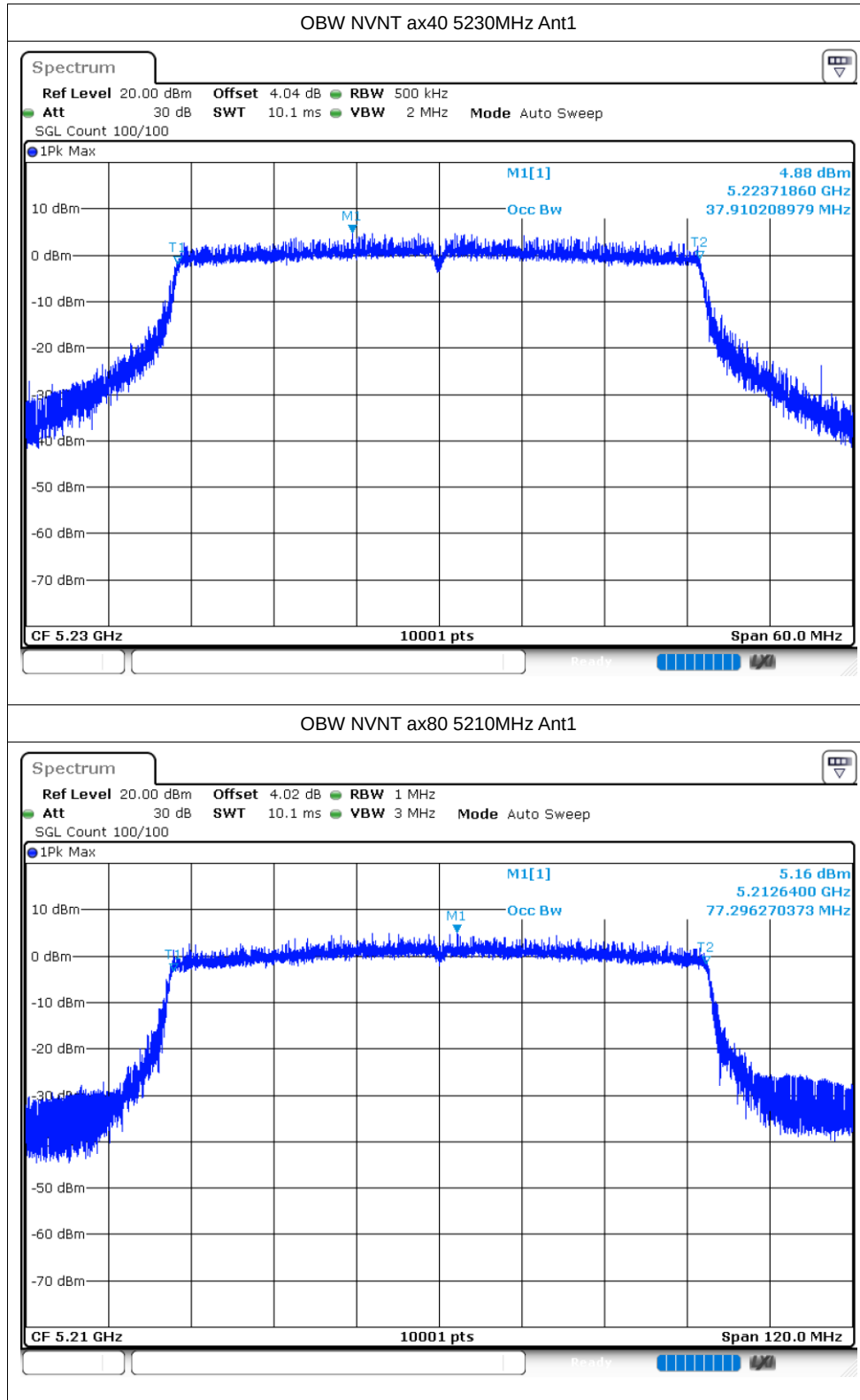










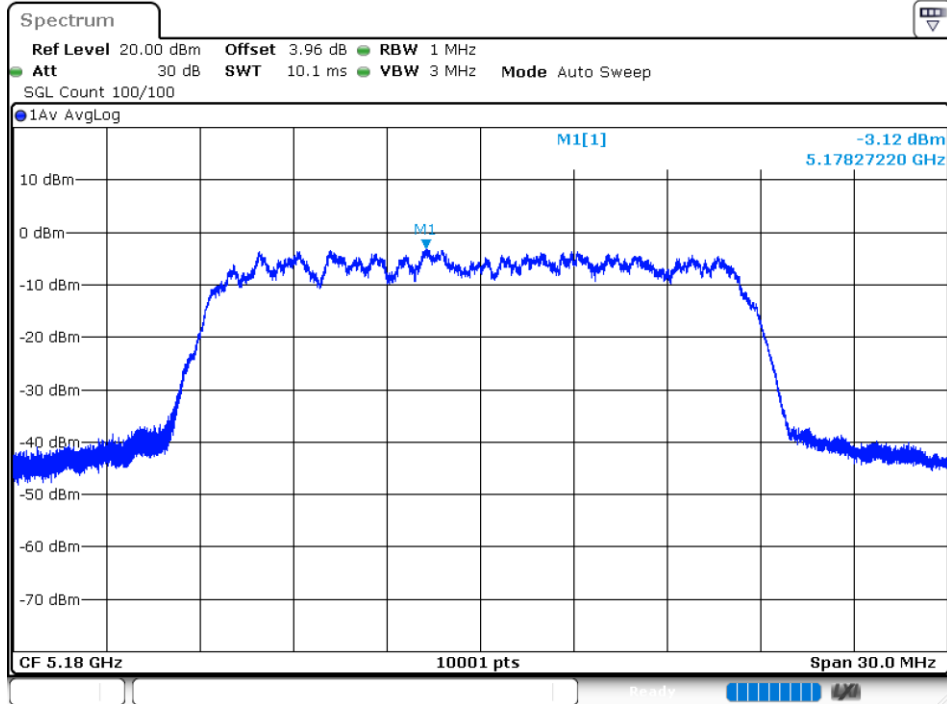


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-3.12	0.52	-2.6	11	Pass
NVNT	a	5200	Ant1	-0.99	0.29	-0.7	11	Pass
NVNT	a	5240	Ant1	-2.88	0.26	-2.62	11	Pass
NVNT	n20	5180	Ant1	-3.02	0.34	-2.68	11	Pass
NVNT	n20	5200	Ant1	-2.8	0.27	-2.53	11	Pass
NVNT	n20	5240	Ant1	-2.96	0.3	-2.66	11	Pass
NVNT	n40	5190	Ant1	-7.26	0.56	-6.7	11	Pass
NVNT	n40	5230	Ant1	-8.83	0.53	-8.3	11	Pass
NVNT	ac20	5180	Ant1	-2.05	0.32	-1.73	11	Pass
NVNT	ac20	5200	Ant1	-2.26	0.31	-1.95	11	Pass
NVNT	ac20	5240	Ant1	-2.7	0.26	-2.44	11	Pass
NVNT	ac40	5190	Ant1	-7.21	0.56	-6.65	11	Pass
NVNT	ac40	5230	Ant1	-7.28	0.54	-6.74	11	Pass
NVNT	ac80	5210	Ant1	-17.22	1.4	-15.82	11	Pass
NVNT	ax20	5180	Ant1	-4.17	0.41	-3.76	11	Pass
NVNT	ax20	5200	Ant1	-1.81	0.33	-1.48	11	Pass
NVNT	ax20	5240	Ant1	-4.29	0.47	-3.82	11	Pass
NVNT	ax40	5190	Ant1	-6.49	0.64	-5.85	11	Pass
NVNT	ax40	5230	Ant1	-7.57	0.63	-6.94	11	Pass
NVNT	ax80	5210	Ant1	-14.81	1.55	-13.26	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

