

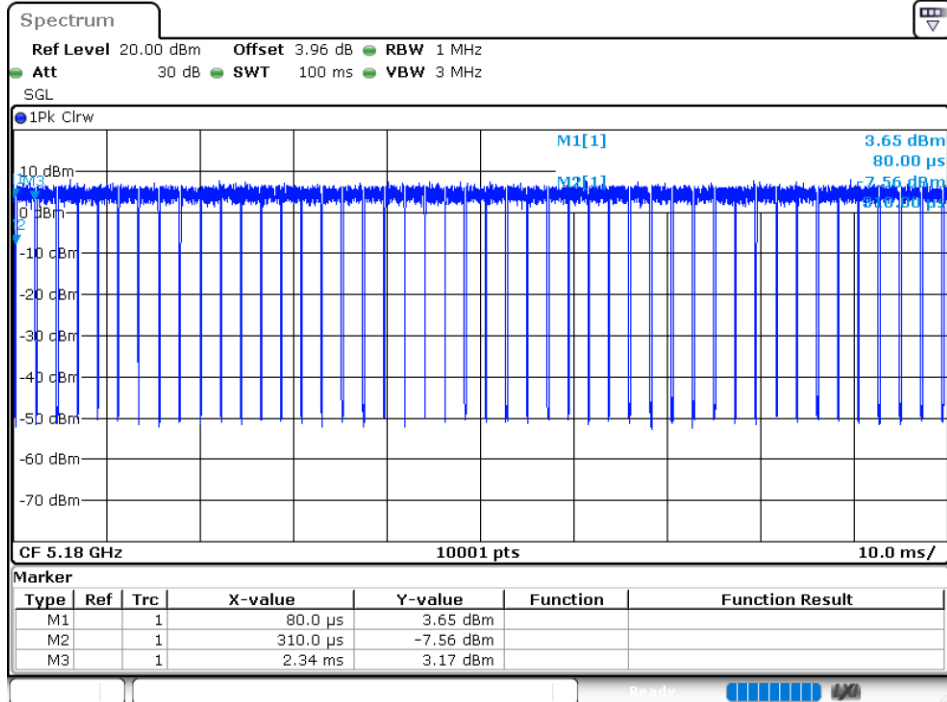
5.2G WIFI

Duty Cycle

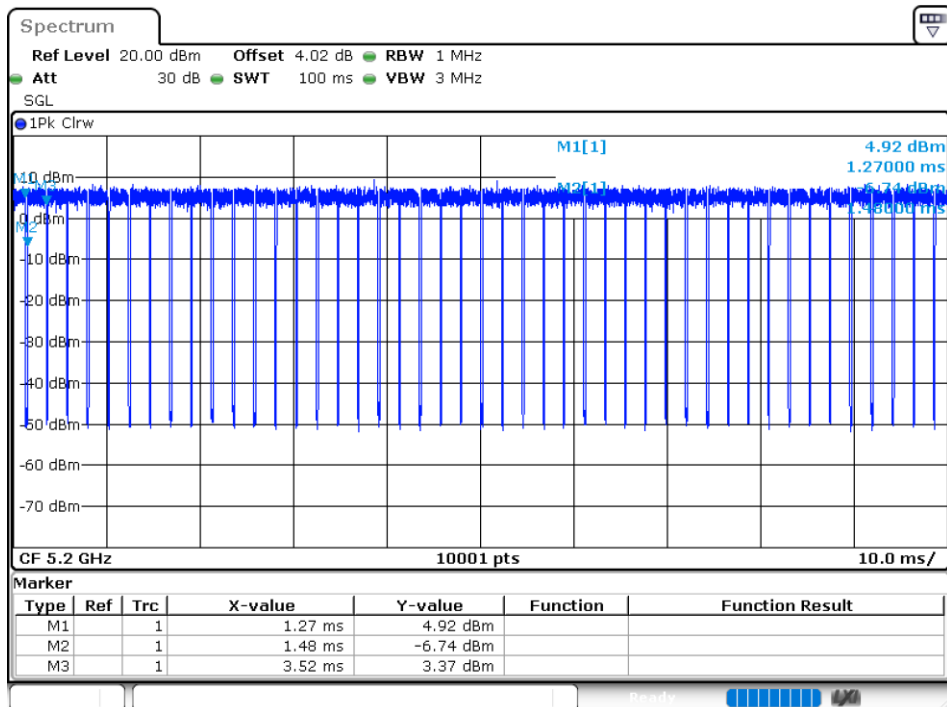
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	92.4	0.34	0.49
NVNT	a	5200	Ant1	92.47	0.34	0.49
NVNT	a	5240	Ant1	91.98	0.36	0.49
NVNT	n20	5180	Ant1	92.1	0.36	0.53
NVNT	n20	5200	Ant1	92.75	0.33	0.53
NVNT	n20	5240	Ant1	92.37	0.34	0.53
NVNT	n40	5190	Ant1	85.03	0.7	1.08
NVNT	n40	5230	Ant1	89.05	0.5	1.06
NVNT	ac20	5180	Ant1	92.08	0.36	0.53
NVNT	ac20	5200	Ant1	92.38	0.34	0.53
NVNT	ac20	5240	Ant1	91.94	0.36	0.53
NVNT	ac40	5190	Ant1	86.09	0.65	1.08
NVNT	ac40	5230	Ant1	88.4	0.54	1.06
NVNT	ax20	5180	Ant1	89.26	0.49	0.68
NVNT	ax20	5200	Ant1	89.83	0.47	0.68
NVNT	ax20	5240	Ant1	90.53	0.43	0.68
NVNT	ax40	5190	Ant1	82.99	0.81	1.32
NVNT	ax40	5230	Ant1	86.63	0.62	1.32

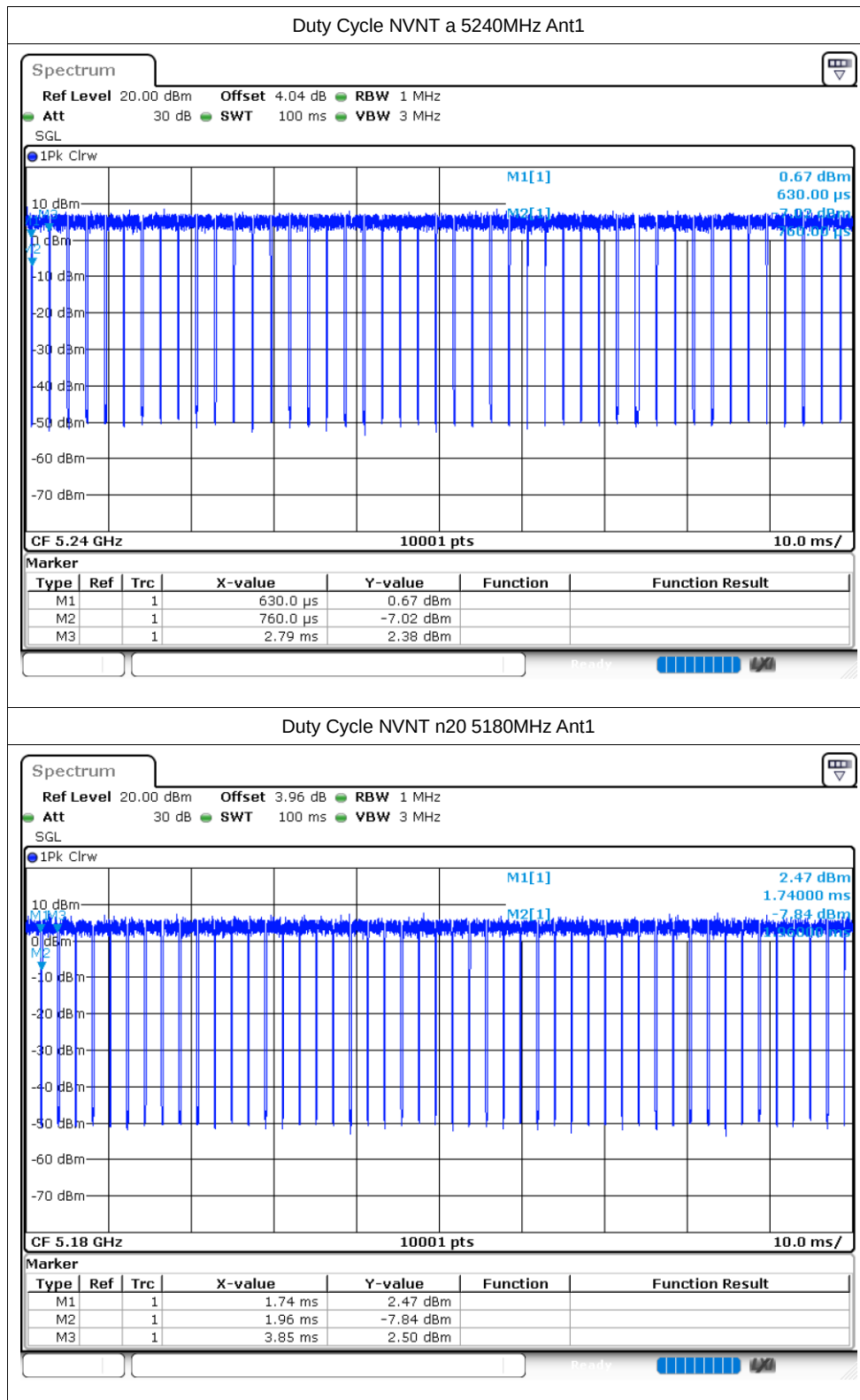
Test Graphs

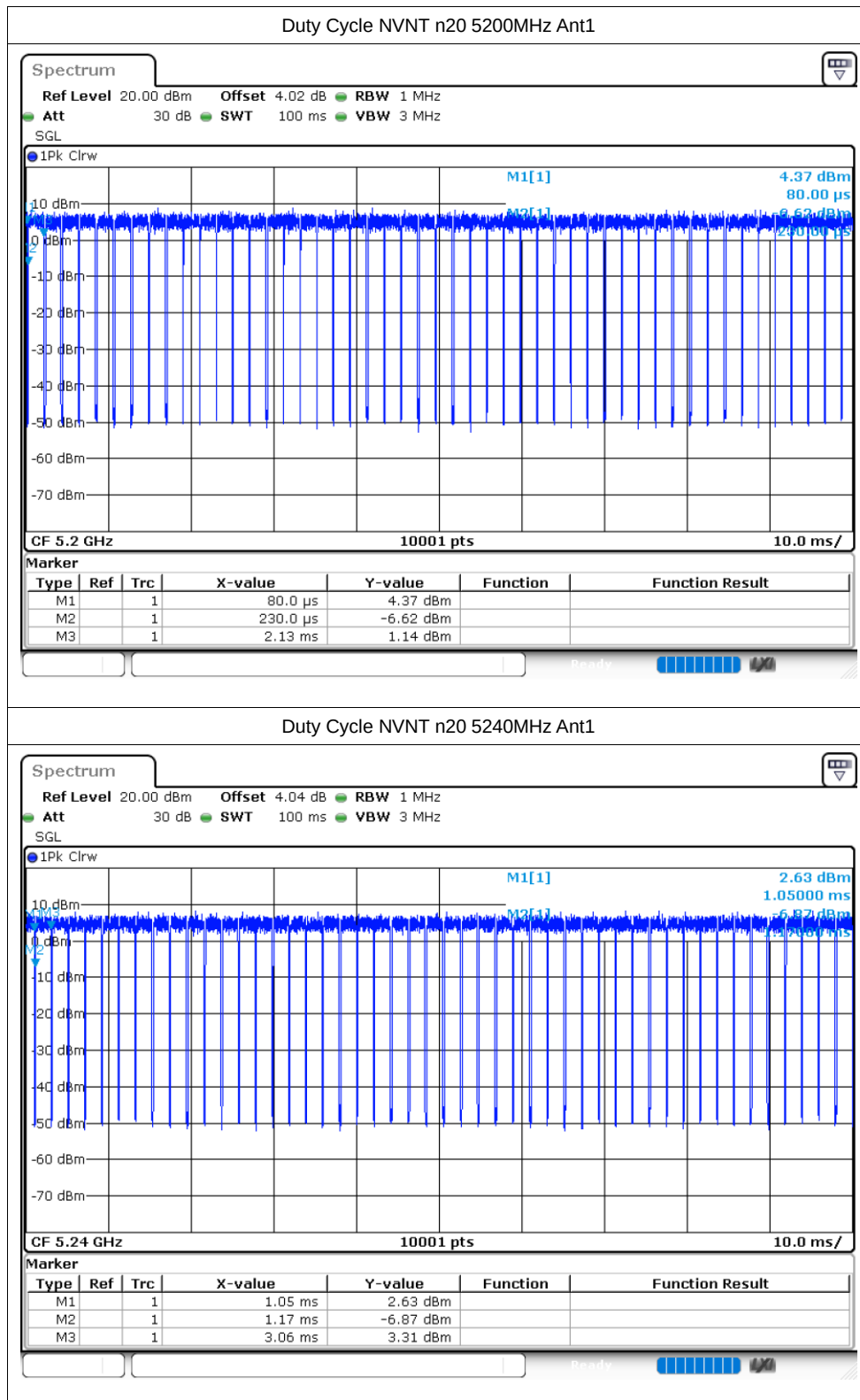
Duty Cycle NVNT a 5180MHz Ant1

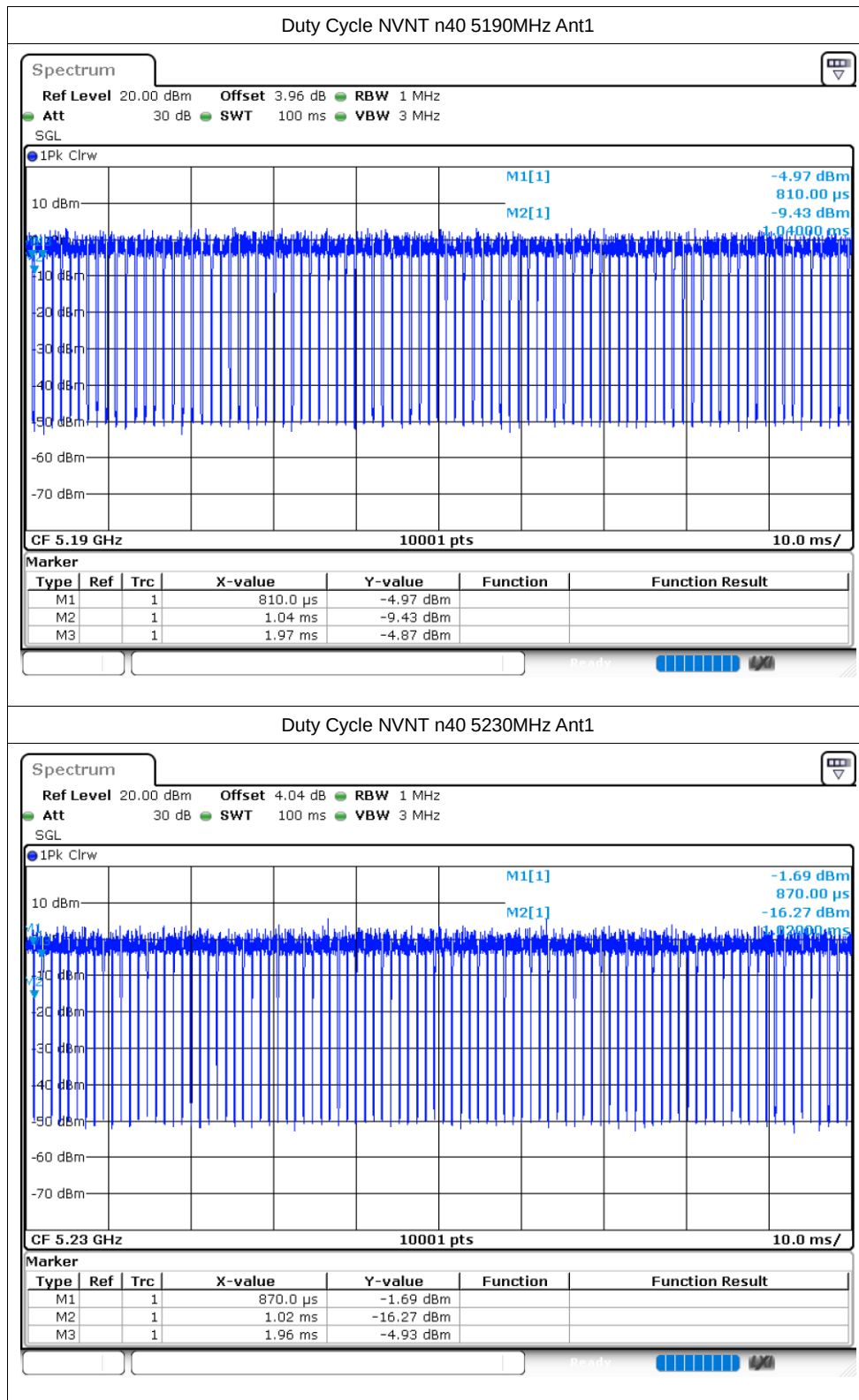


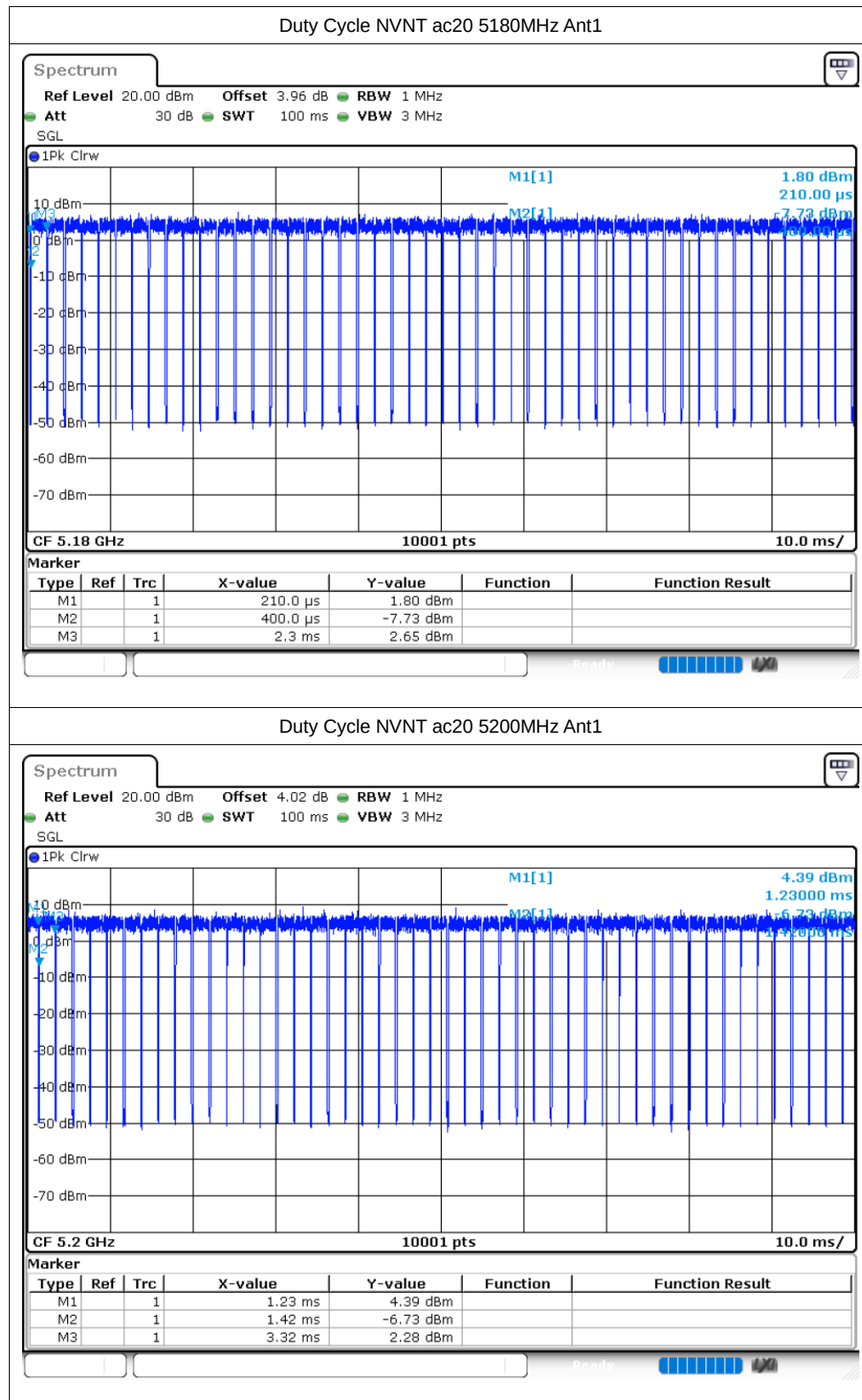
Duty Cycle NVNT a 5200MHz Ant1

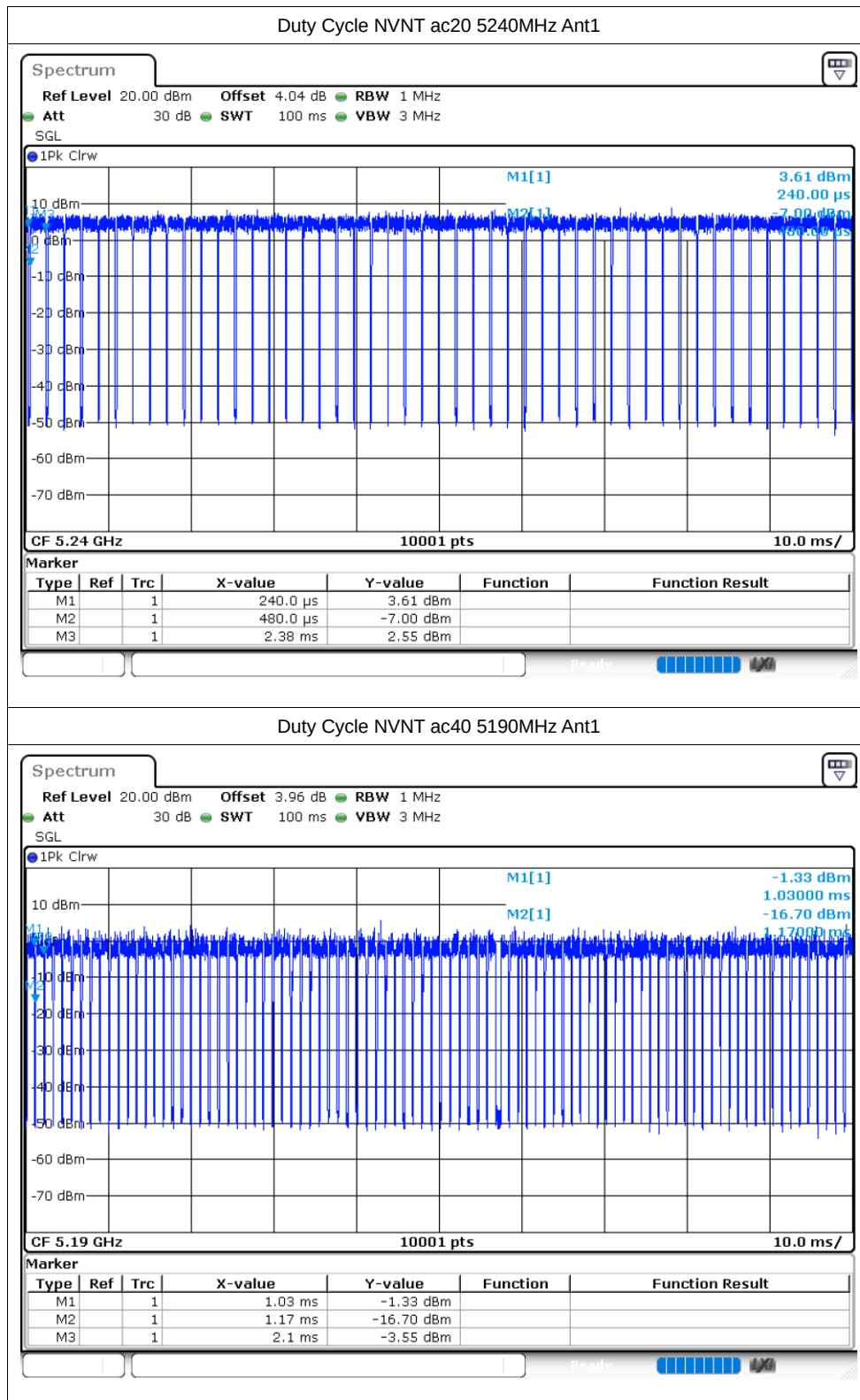


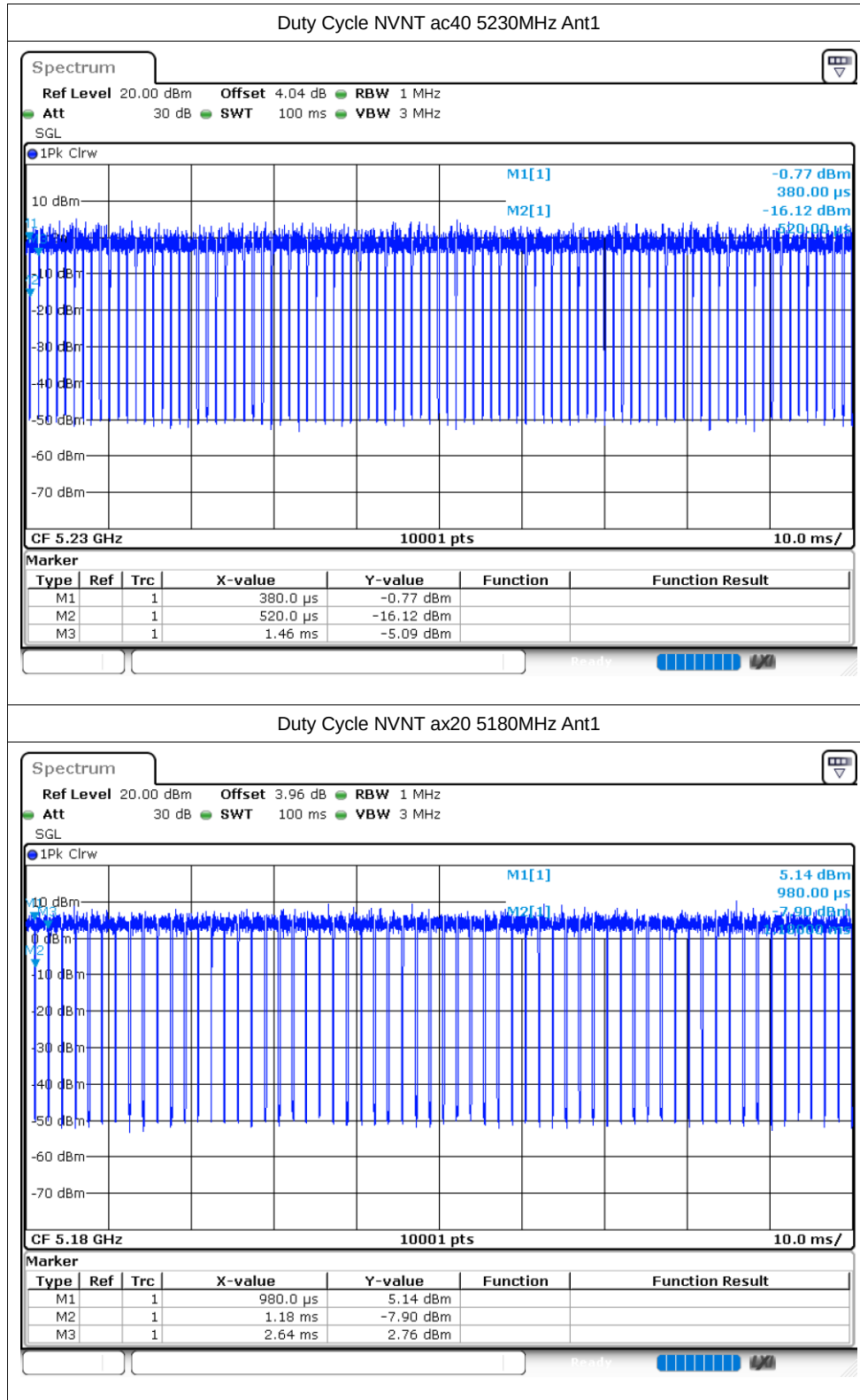




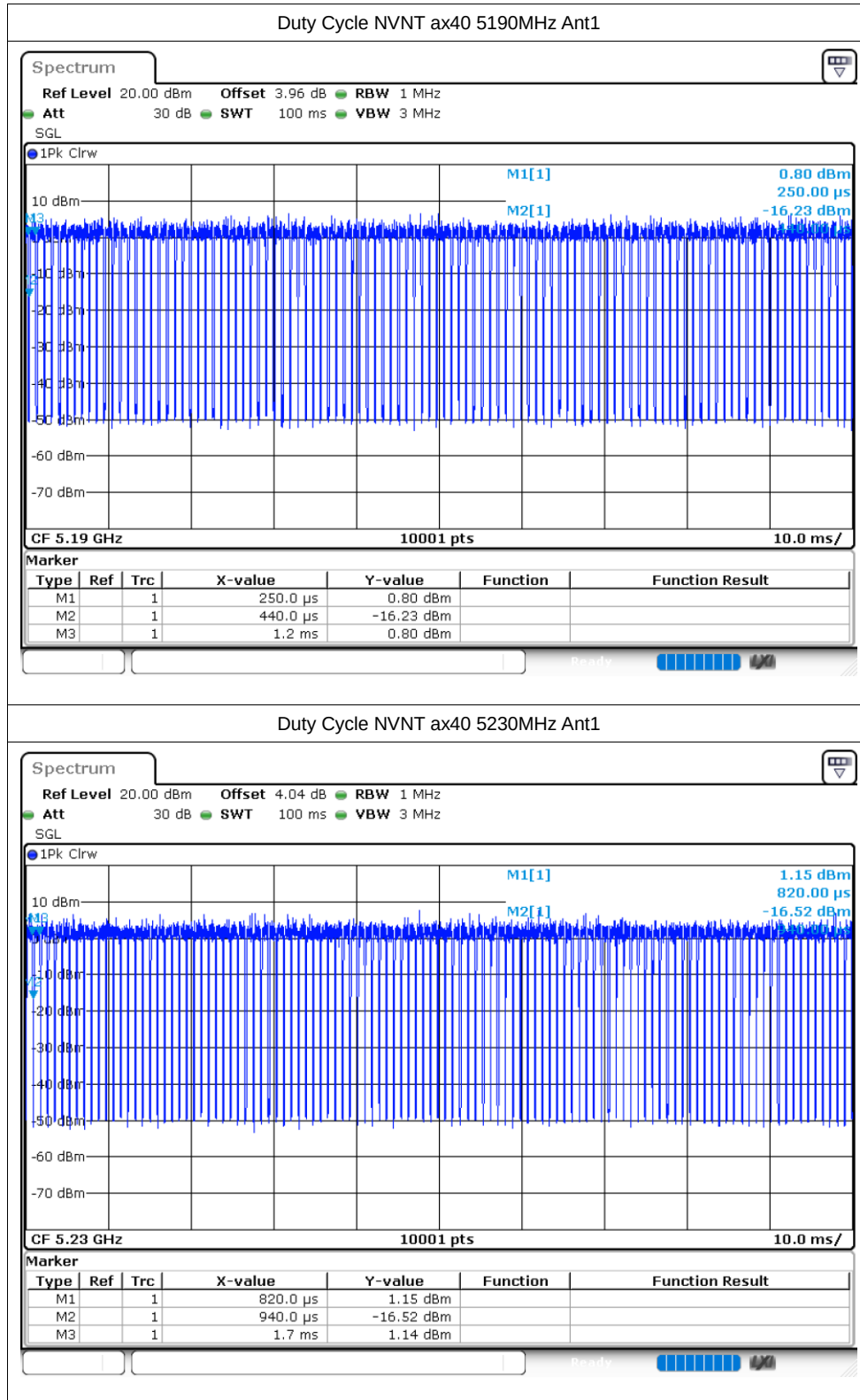












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.19	24	Pass
NVNT	a	5200	Ant1	12.63	24	Pass
NVNT	a	5240	Ant1	13.14	24	Pass
NVNT	n20	5180	Ant1	12.18	24	Pass
NVNT	n20	5200	Ant1	12.45	24	Pass
NVNT	n20	5240	Ant1	12.93	24	Pass
NVNT	n40	5190	Ant1	12.3	24	Pass
NVNT	n40	5230	Ant1	13	24	Pass
NVNT	ac20	5180	Ant1	12.21	24	Pass
NVNT	ac20	5200	Ant1	12.34	24	Pass
NVNT	ac20	5240	Ant1	13.31	24	Pass
NVNT	ac40	5190	Ant1	12.5	24	Pass
NVNT	ac40	5230	Ant1	12.85	24	Pass
NVNT	ax20	5180	Ant1	12.3	24	Pass
NVNT	ax20	5200	Ant1	12.41	24	Pass
NVNT	ax20	5240	Ant1	13.11	24	Pass
NVNT	ax40	5190	Ant1	12.22	24	Pass
NVNT	ax40	5230	Ant1	12.95	24	Pass

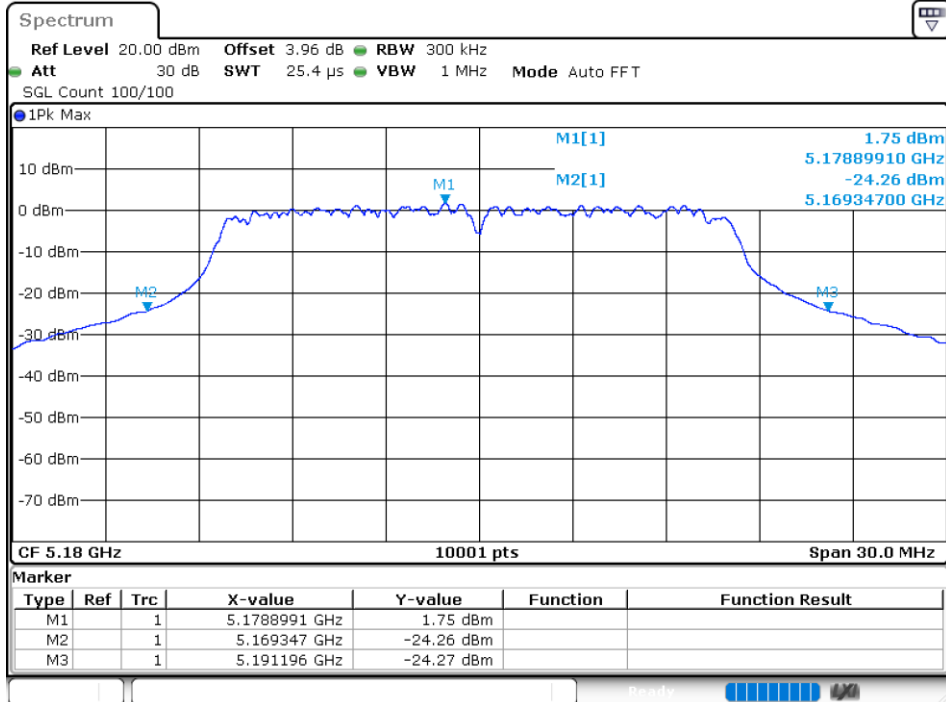
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

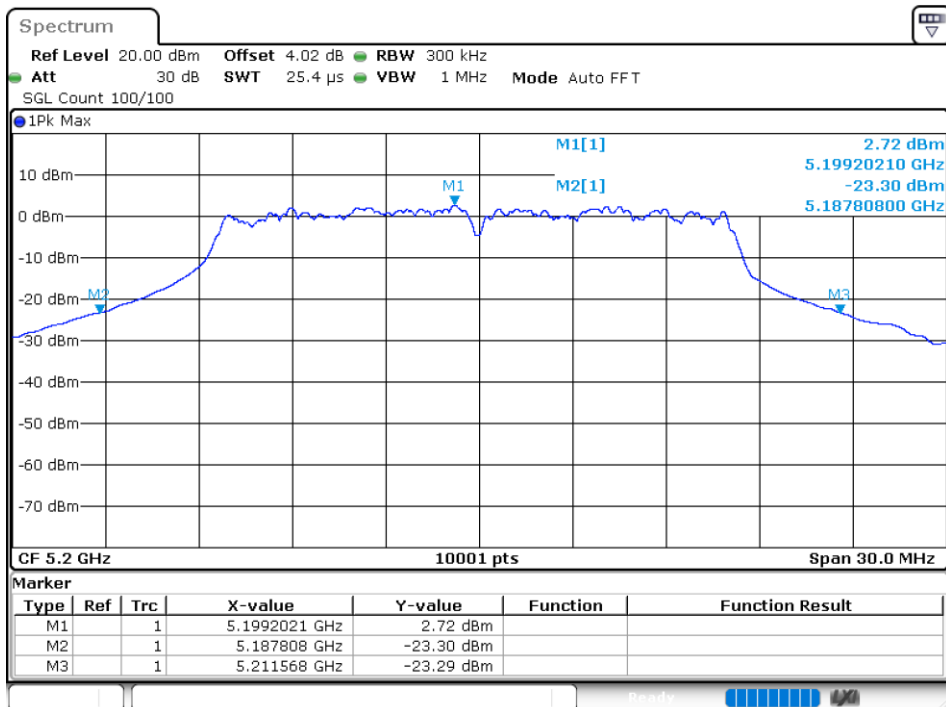
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.849	Pass
NVNT	a	5200	Ant1	23.76	Pass
NVNT	a	5240	Ant1	23.175	Pass
NVNT	n20	5180	Ant1	24.663	Pass
NVNT	n20	5200	Ant1	23.751	Pass
NVNT	n20	5240	Ant1	24.678	Pass
NVNT	n40	5190	Ant1	46.398	Pass
NVNT	n40	5230	Ant1	46.884	Pass
NVNT	ac20	5180	Ant1	23.457	Pass
NVNT	ac20	5200	Ant1	26.088	Pass
NVNT	ac20	5240	Ant1	26.79	Pass
NVNT	ac40	5190	Ant1	46.506	Pass
NVNT	ac40	5230	Ant1	46.71	Pass
NVNT	ax20	5180	Ant1	22.587	Pass
NVNT	ax20	5200	Ant1	21.987	Pass
NVNT	ax20	5240	Ant1	23.823	Pass
NVNT	ax40	5190	Ant1	45.078	Pass
NVNT	ax40	5230	Ant1	45.468	Pass

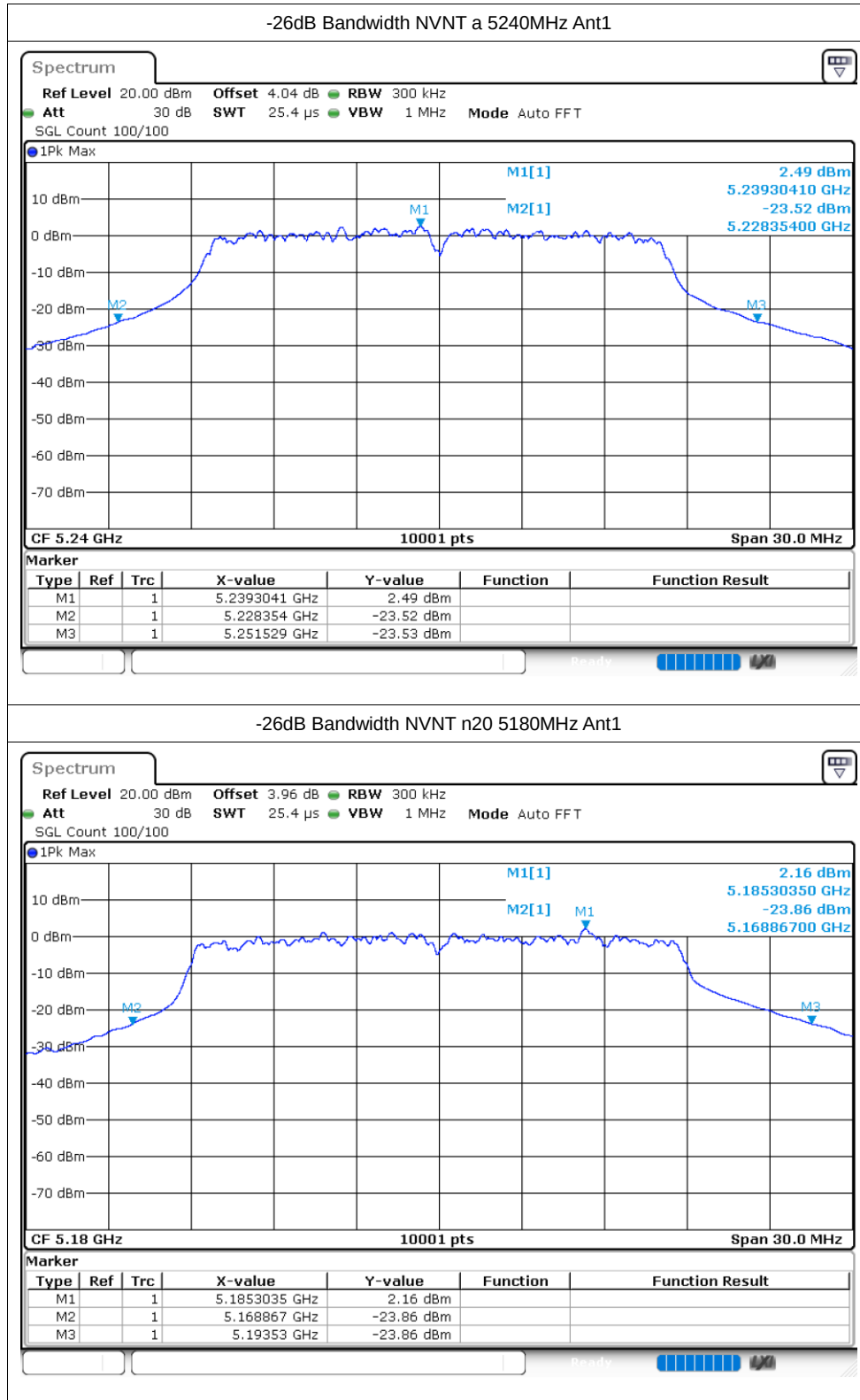
Test Graphs

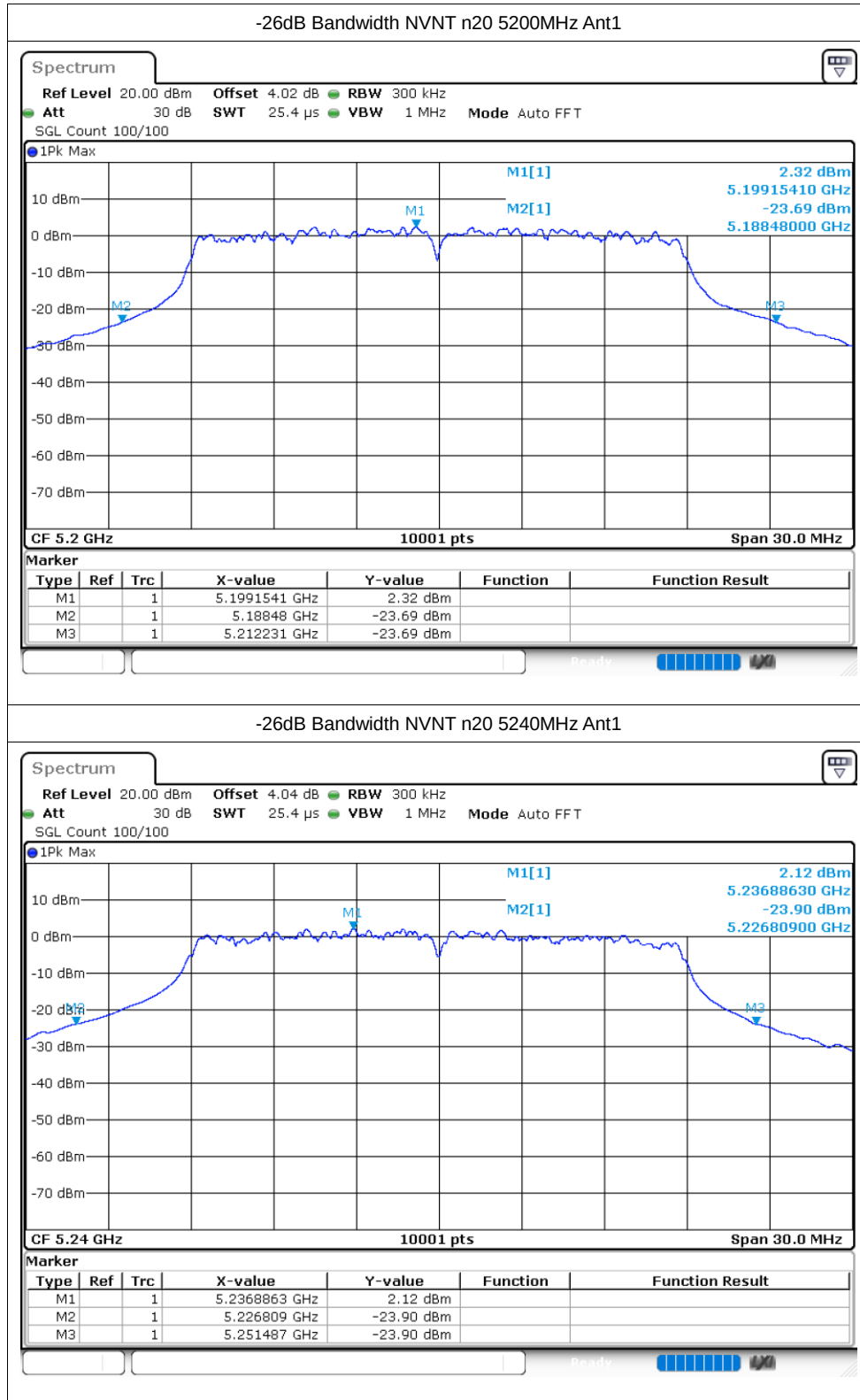
-26dB Bandwidth NVNT a 5180MHz Ant1

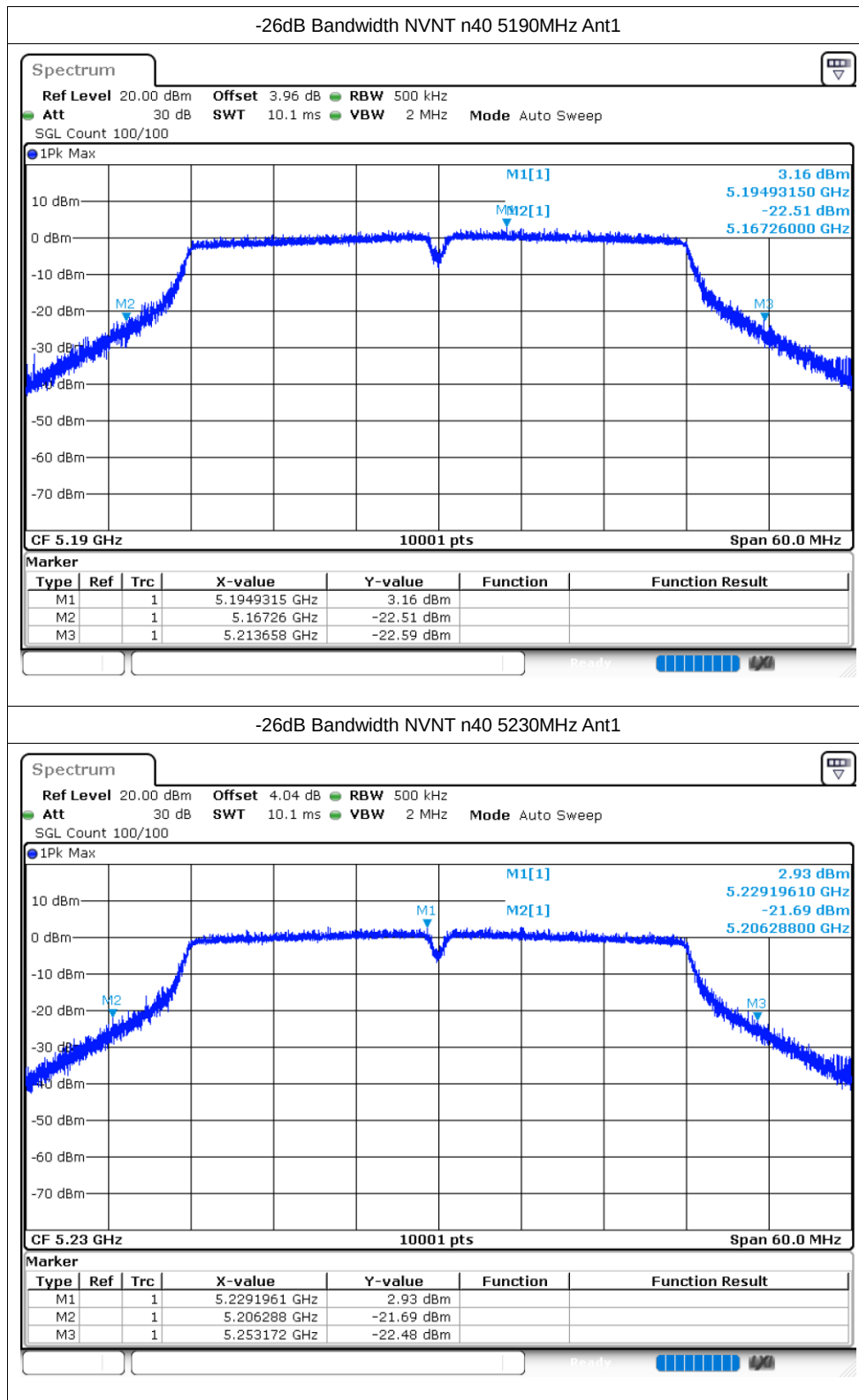


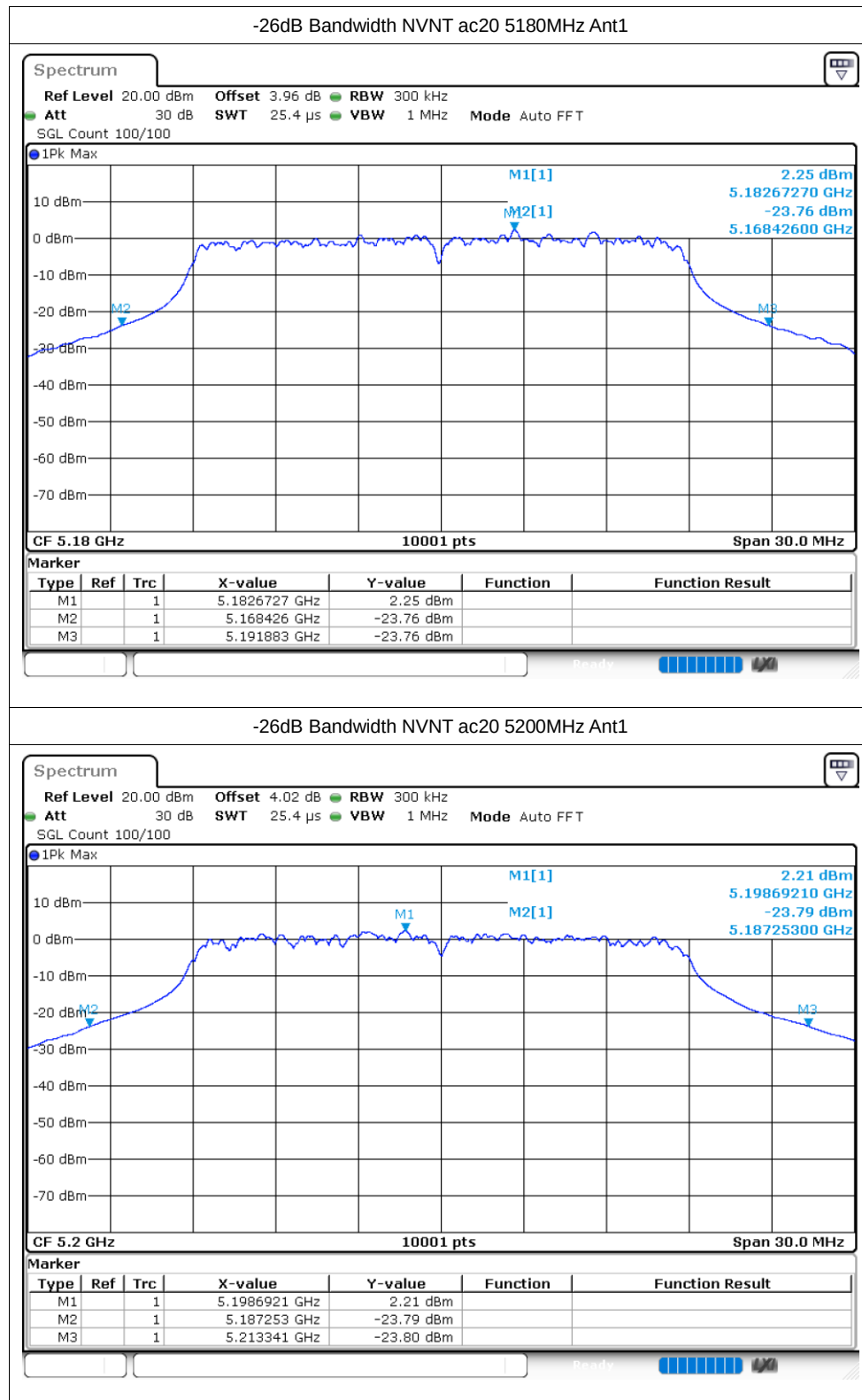
-26dB Bandwidth NVNT a 5200MHz Ant1



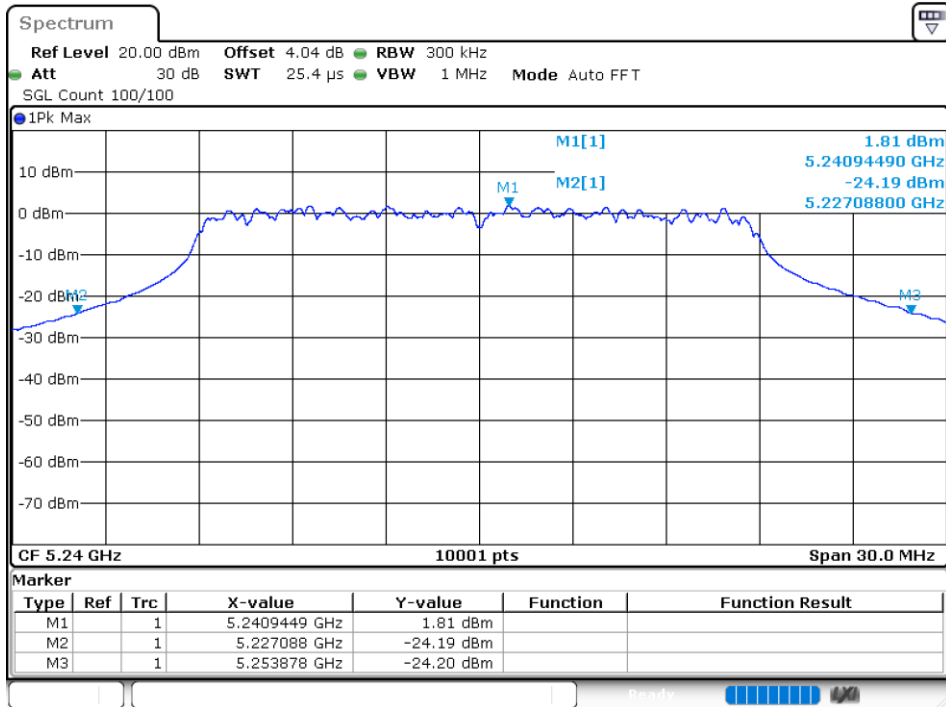




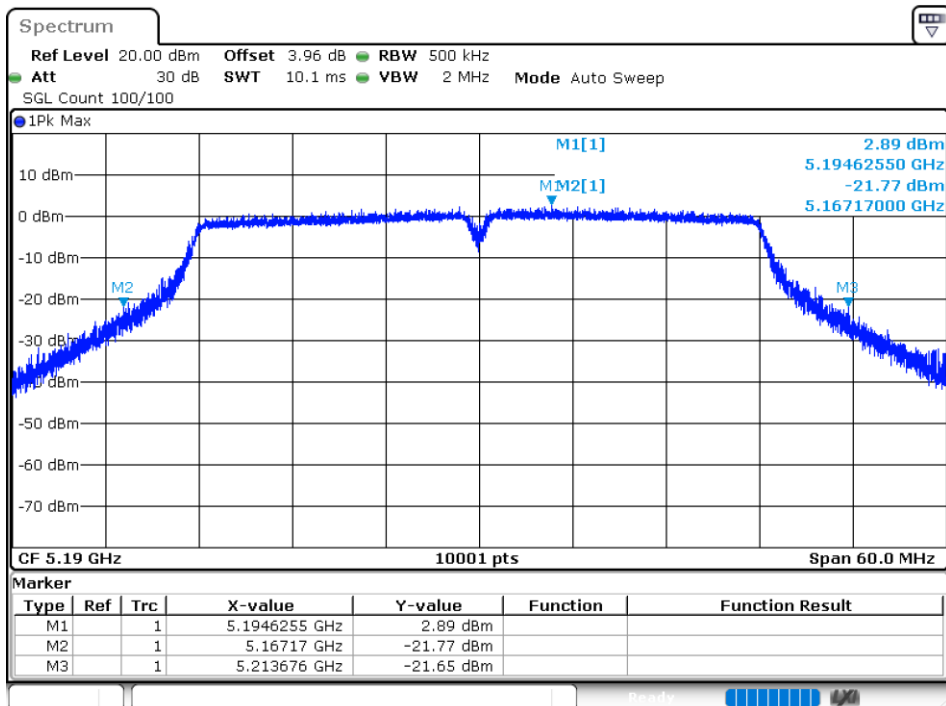




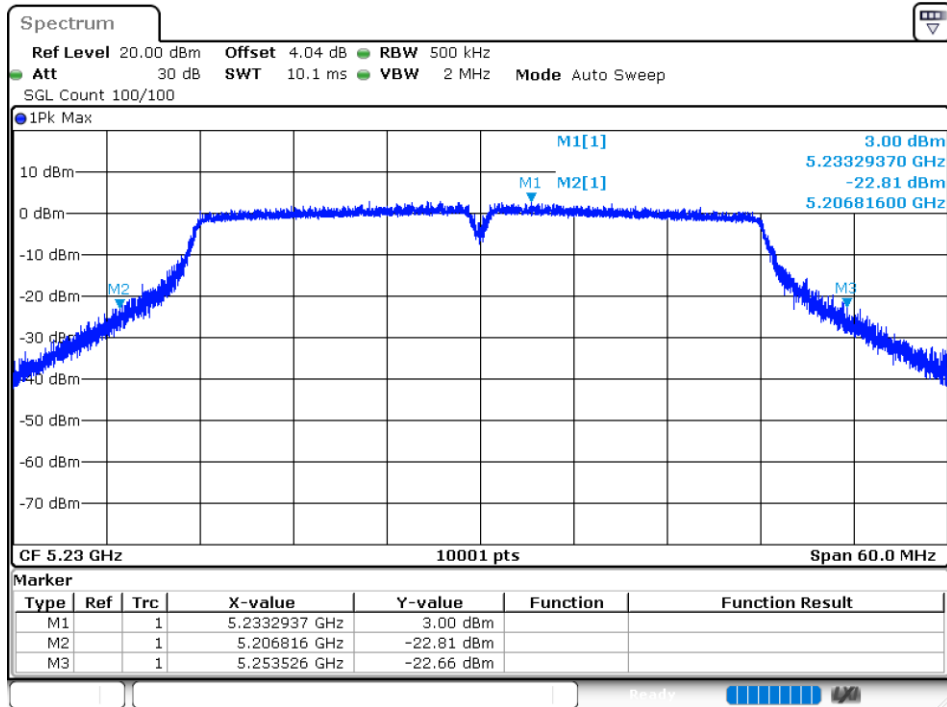
-26dB Bandwidth NVNT ac20 5240MHz Ant1



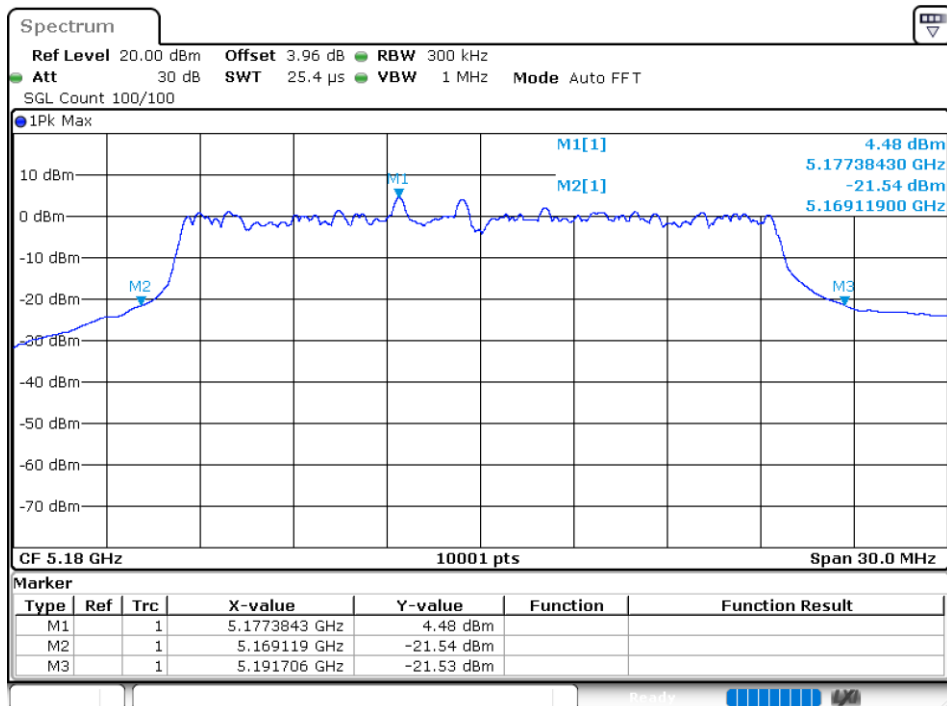
-26dB Bandwidth NVNT ac40 5190MHz Ant1



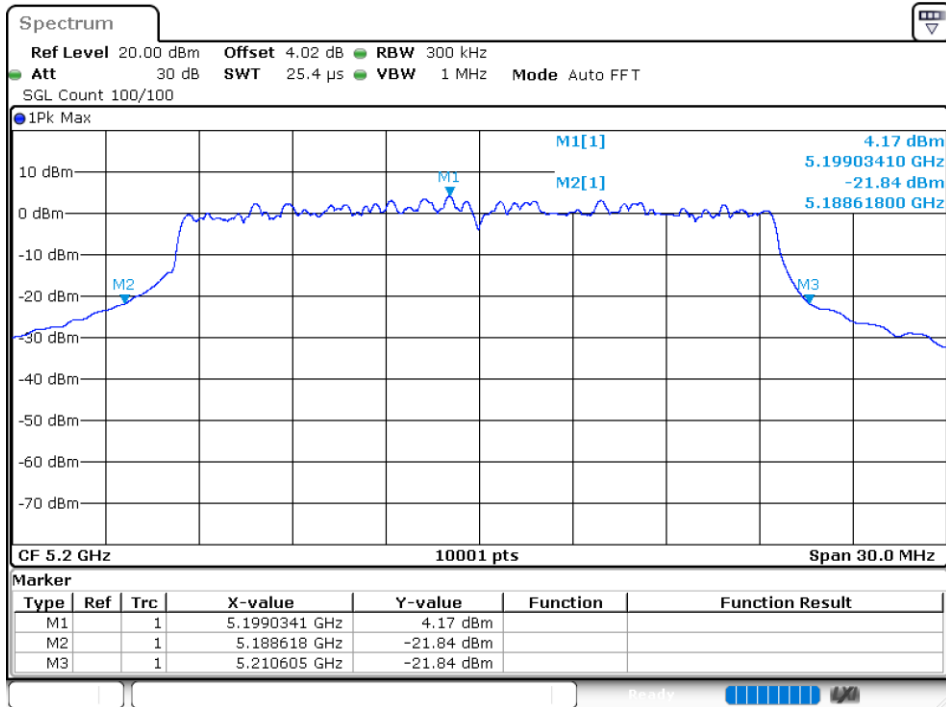
-26dB Bandwidth NVNT ac40 5230MHz Ant1



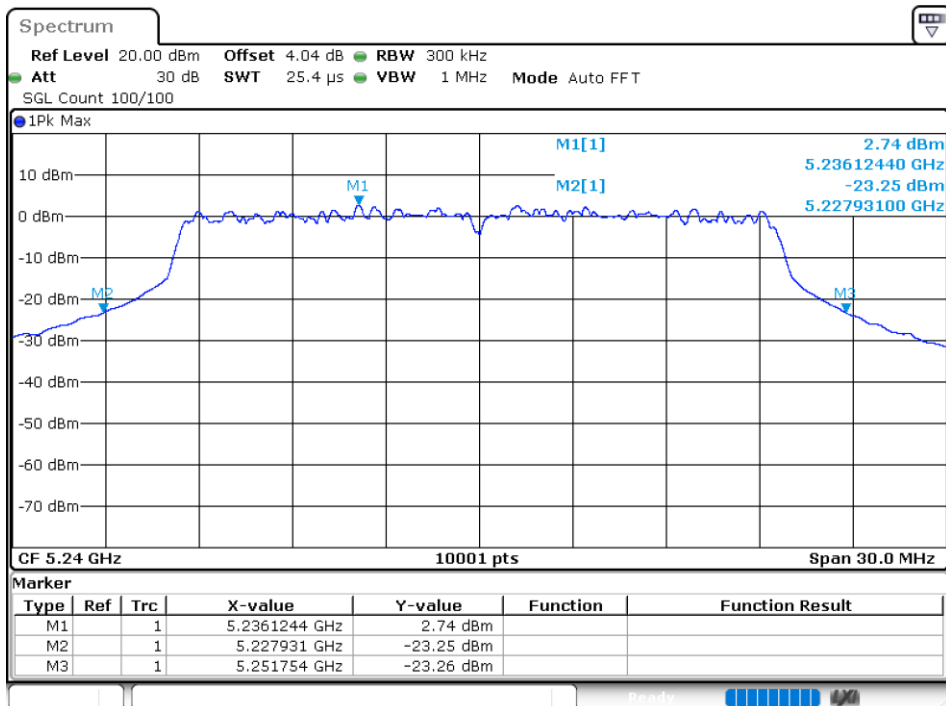
-26dB Bandwidth NVNT ax20 5180MHz Ant1

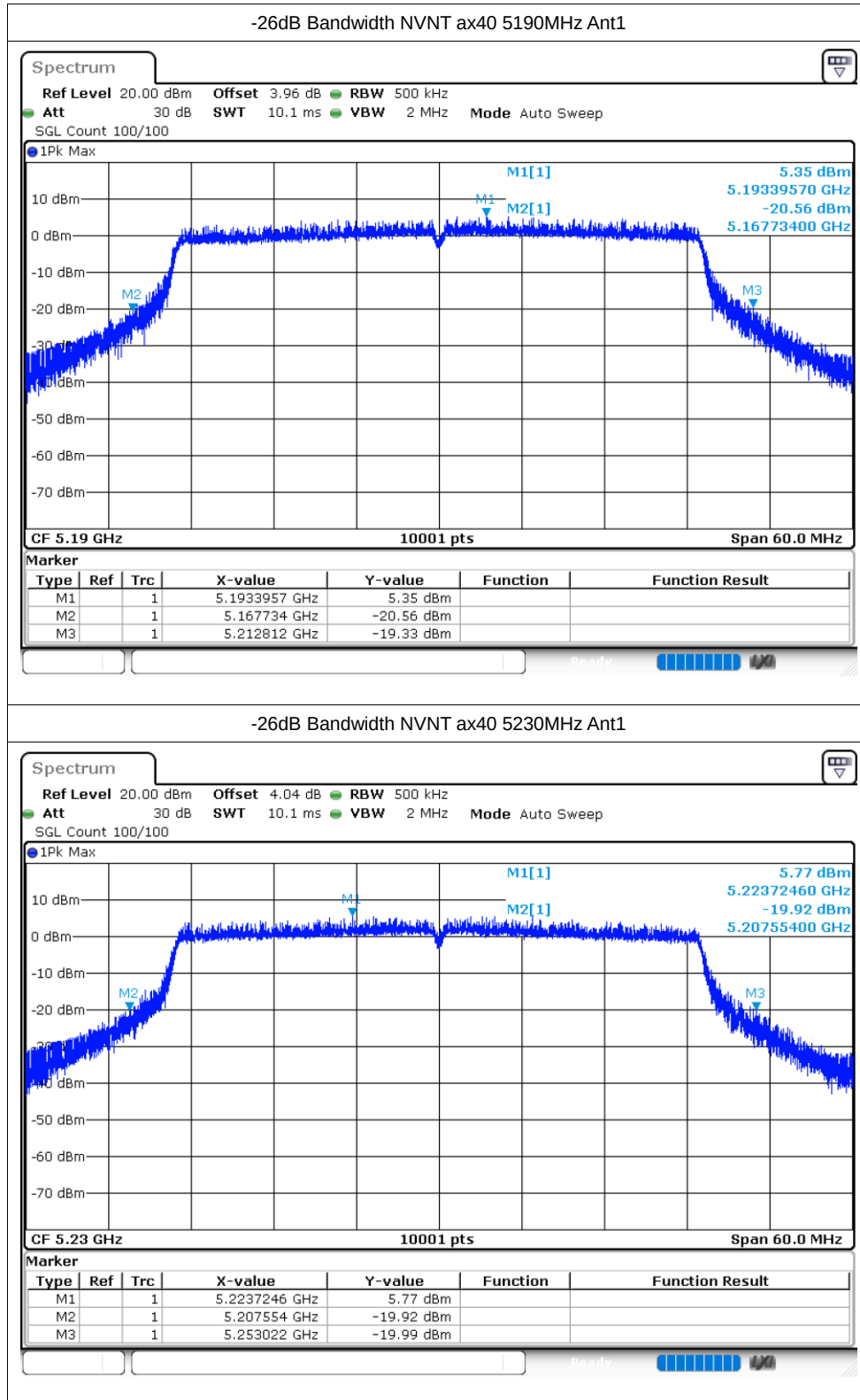


-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



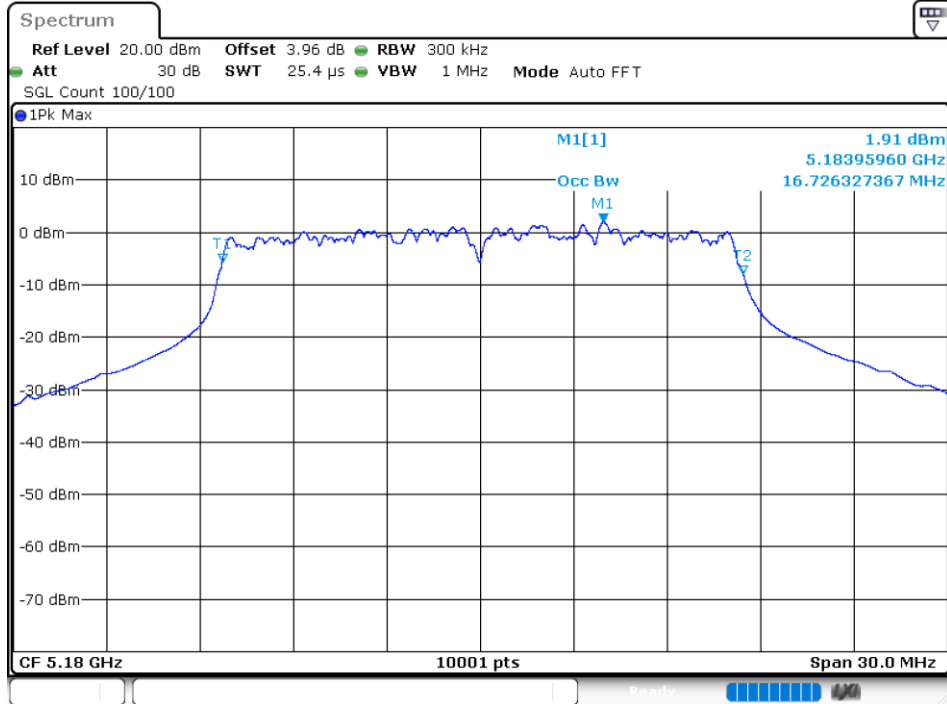


Occupied Channel Bandwidth

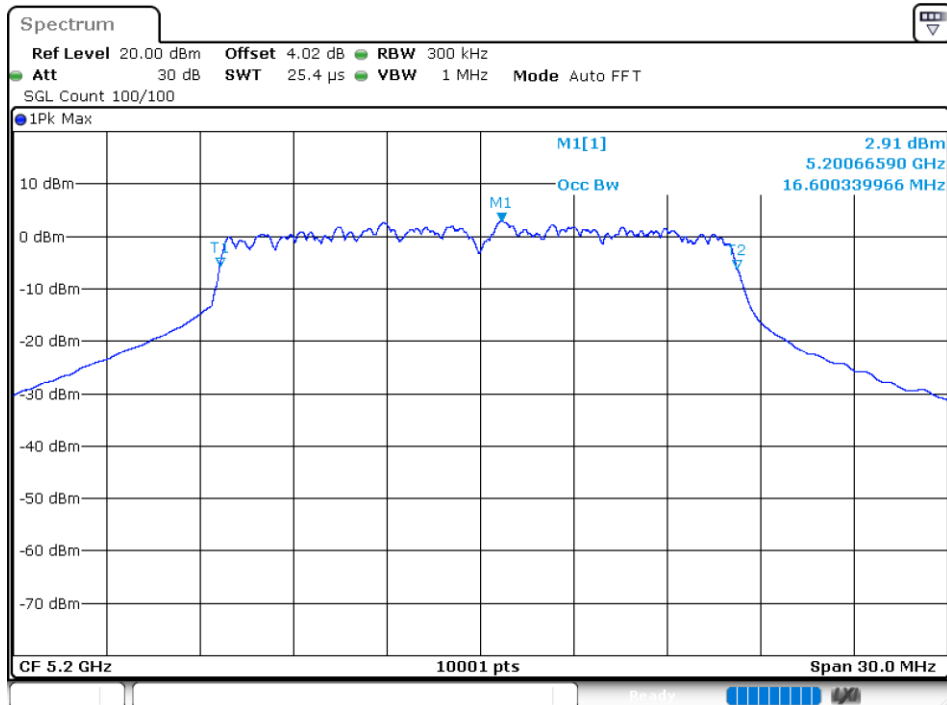
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.726
NVNT	a	5200	Ant1	16.6
NVNT	a	5240	Ant1	17.38
NVNT	n20	5180	Ant1	17.878
NVNT	n20	5200	Ant1	17.719
NVNT	n20	5240	Ant1	17.701
NVNT	n40	5190	Ant1	36.554
NVNT	n40	5230	Ant1	36.536
NVNT	ac20	5180	Ant1	18.052
NVNT	ac20	5200	Ant1	18.031
NVNT	ac20	5240	Ant1	18.031
NVNT	ac40	5190	Ant1	36.548
NVNT	ac40	5230	Ant1	36.554
NVNT	ax20	5180	Ant1	19.12
NVNT	ax20	5200	Ant1	19.45
NVNT	ax20	5240	Ant1	19.231
NVNT	ax40	5190	Ant1	37.892
NVNT	ax40	5230	Ant1	37.874

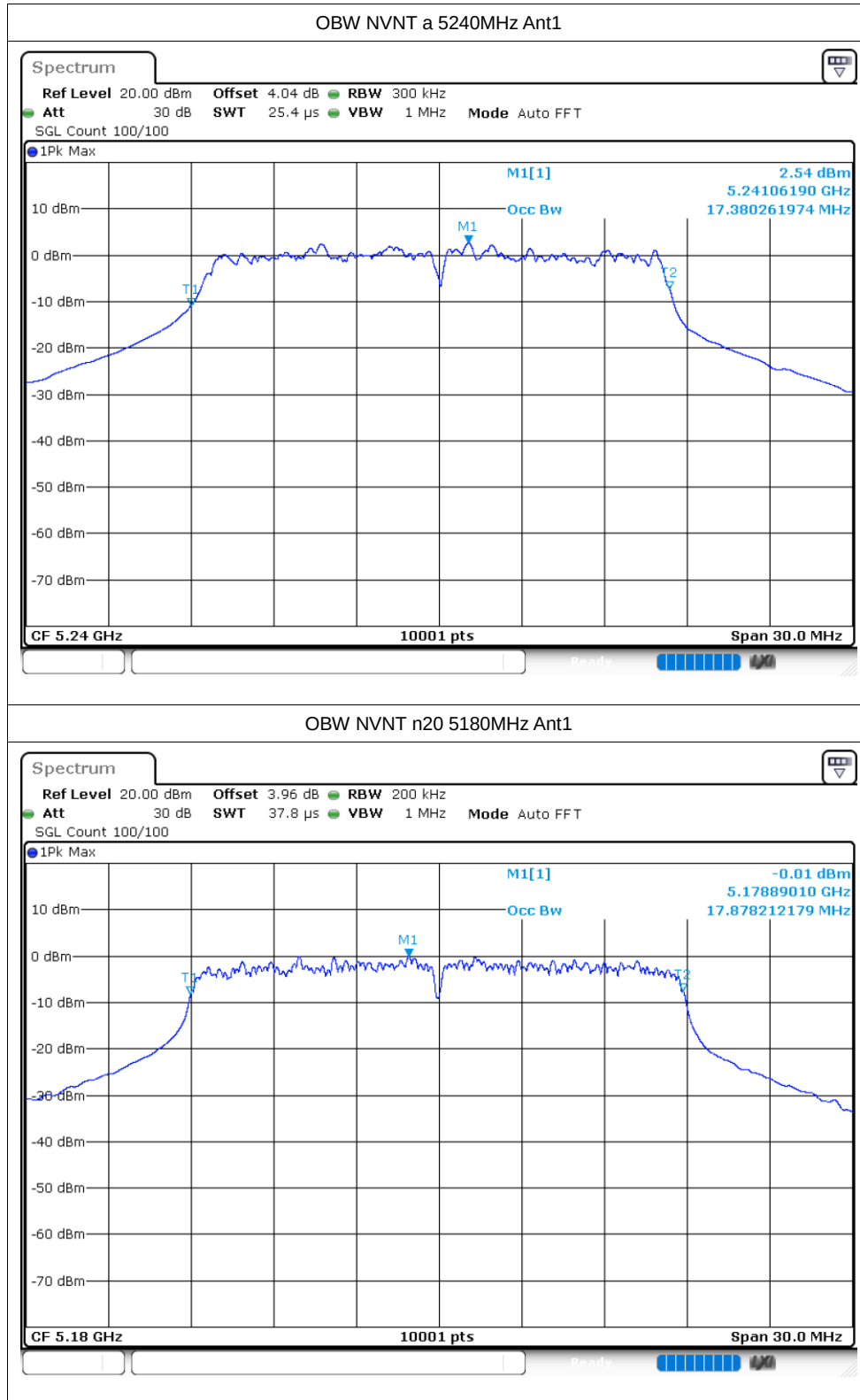
Test Graphs

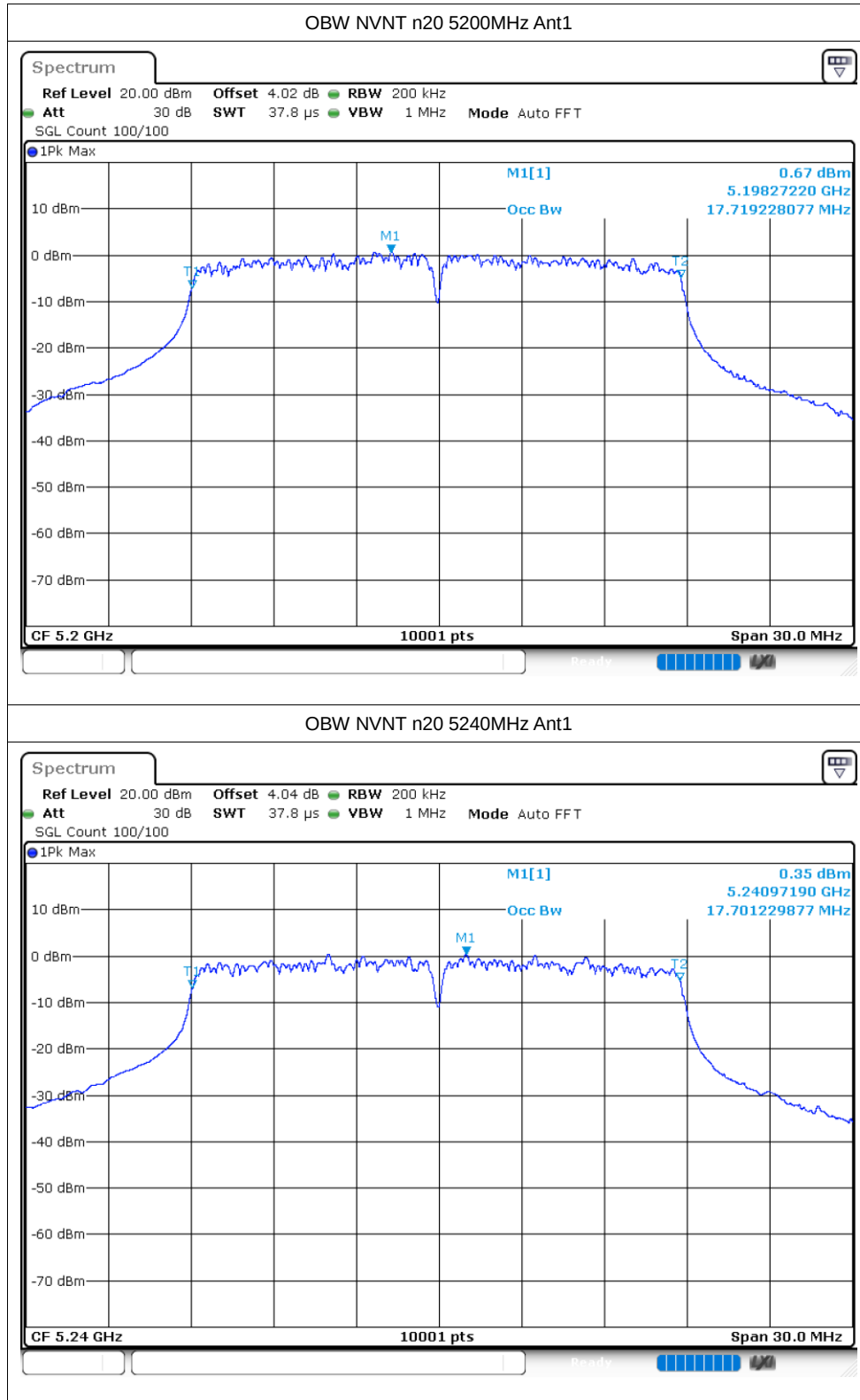
OBW NVNT a 5180MHz Ant1

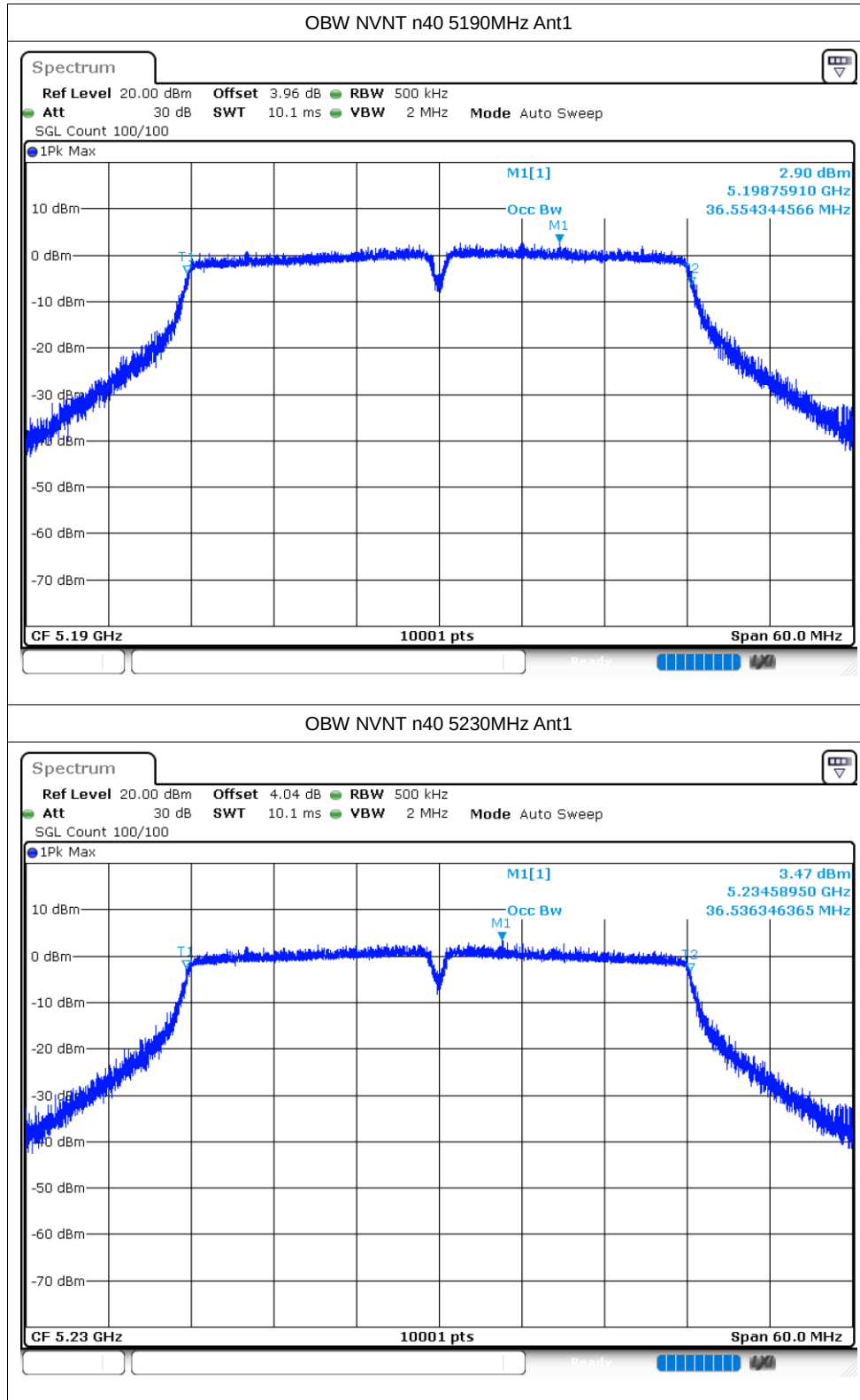


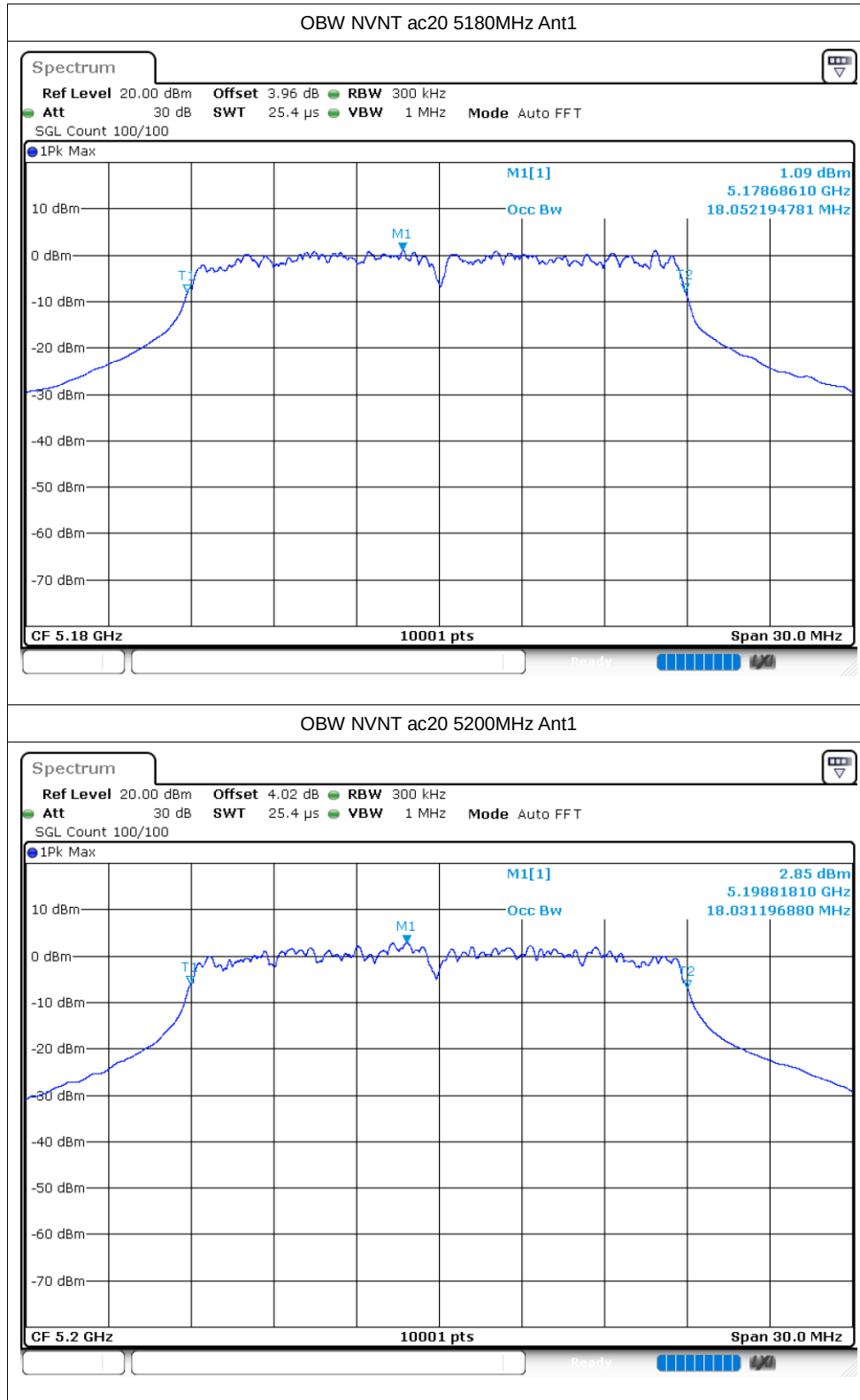
OBW NVNT a 5200MHz Ant1

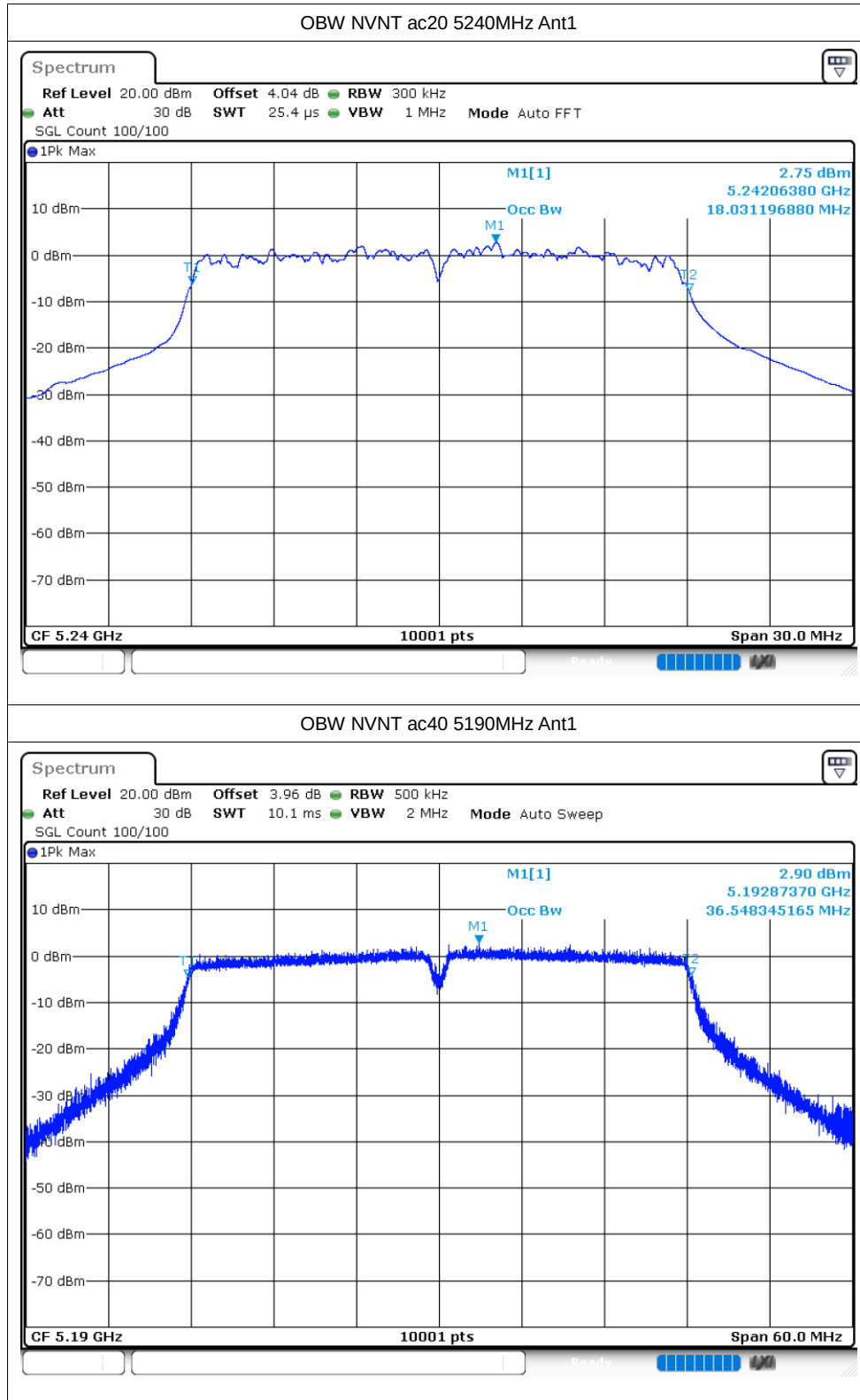


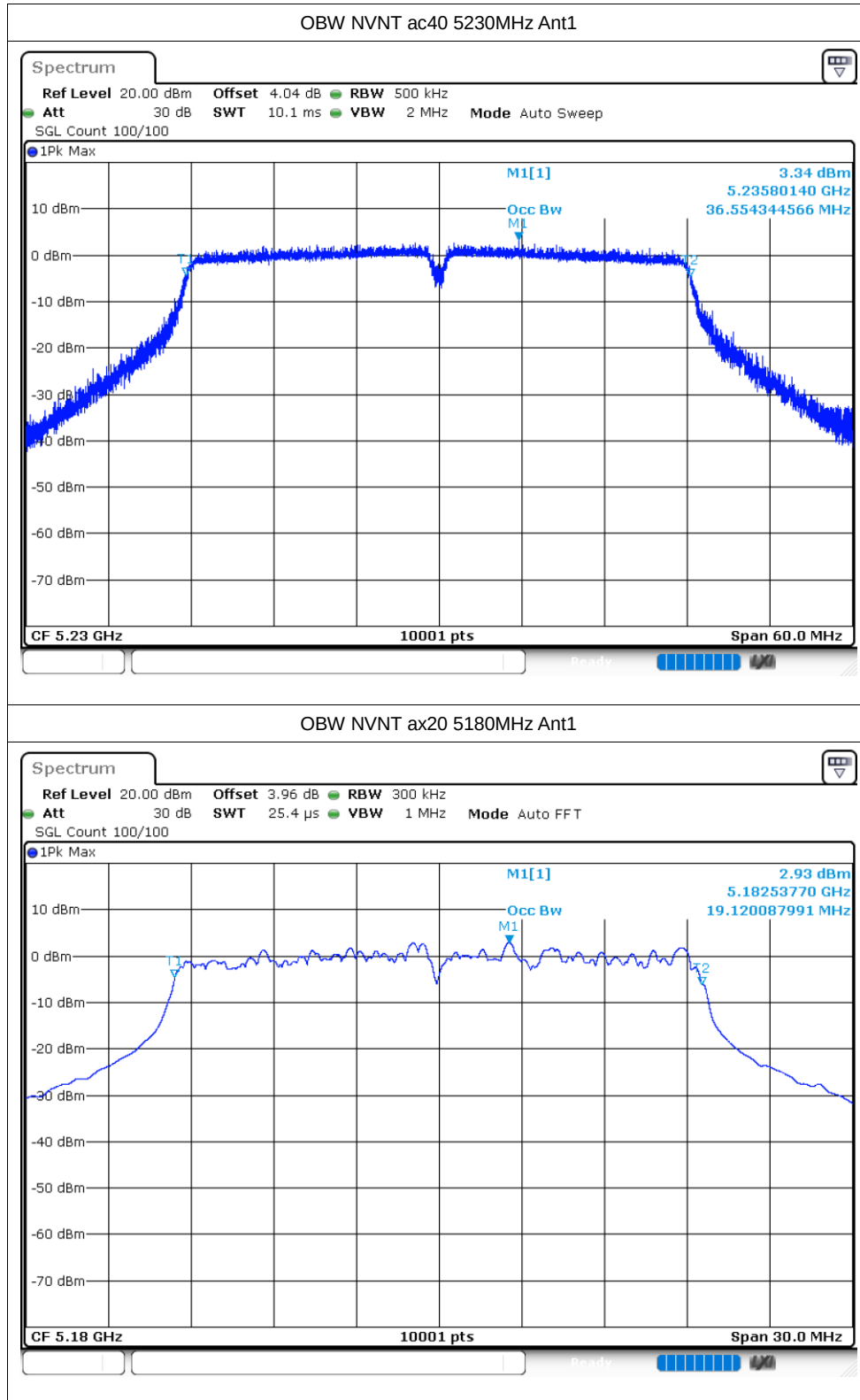


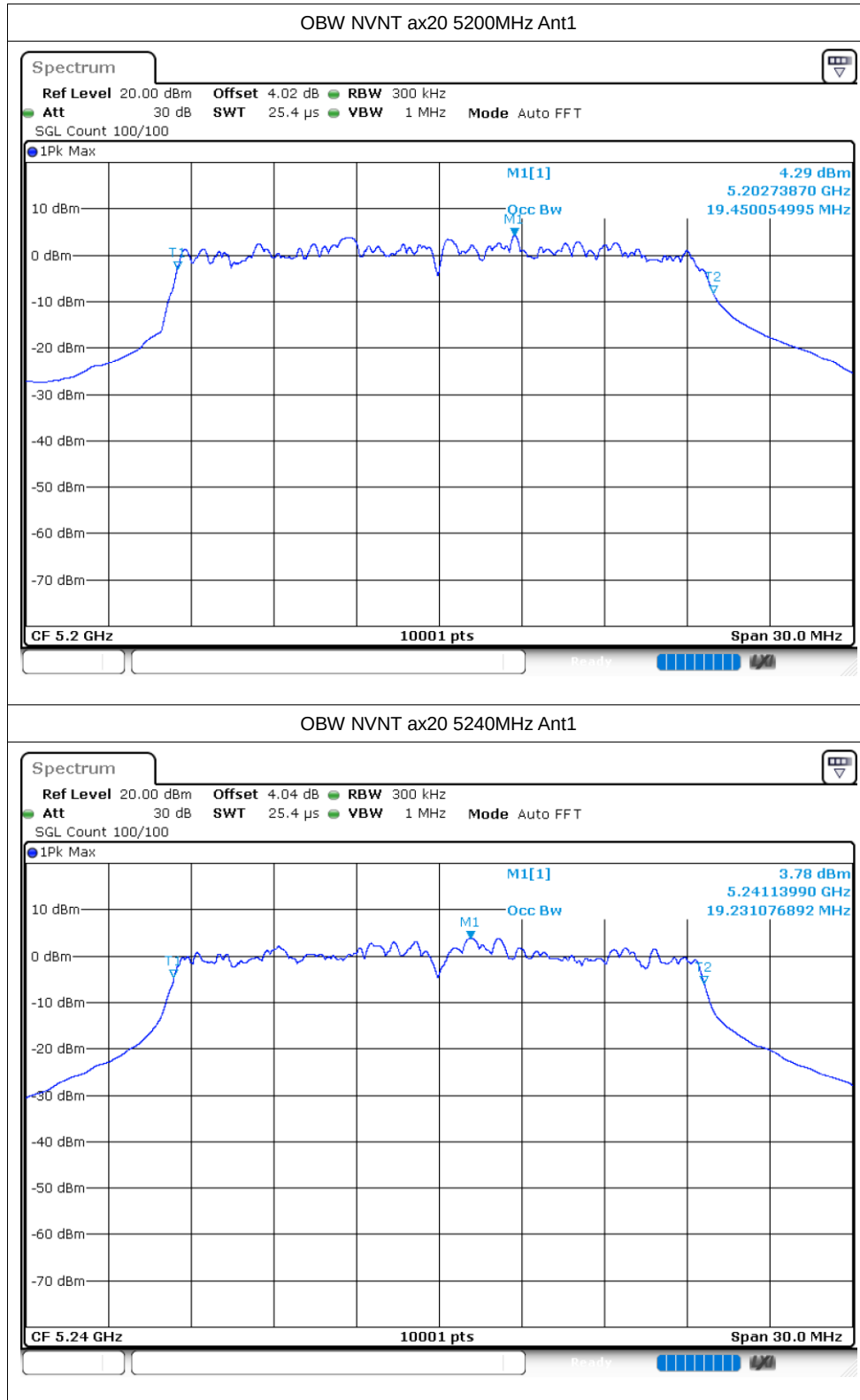


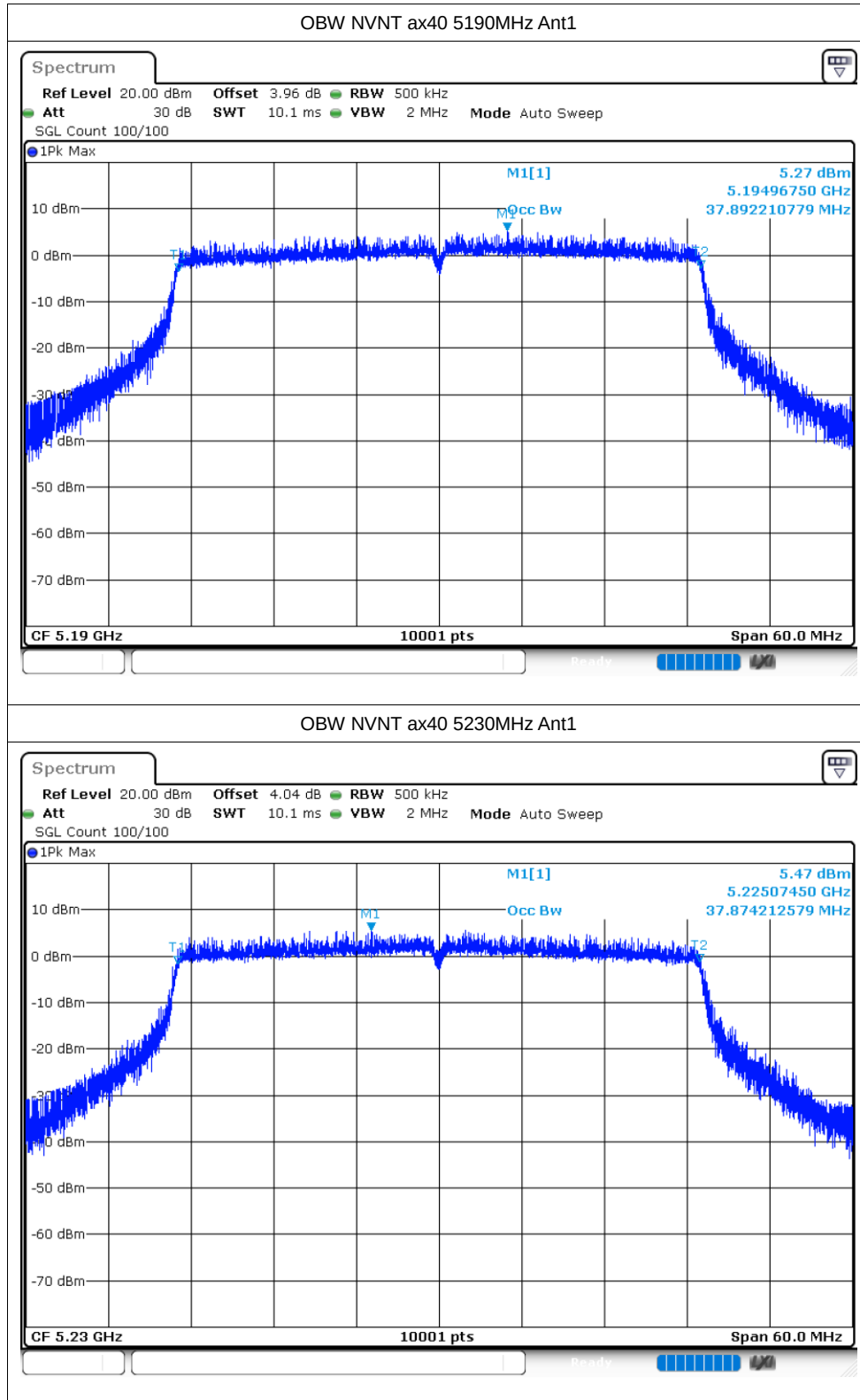










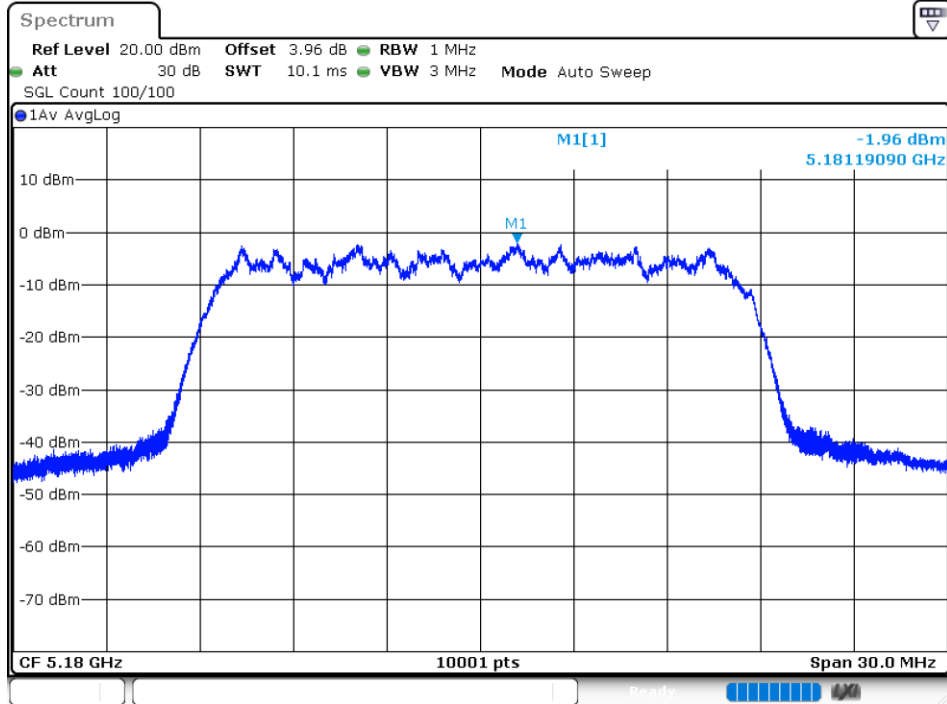


Maximum Power Spectral Density Level

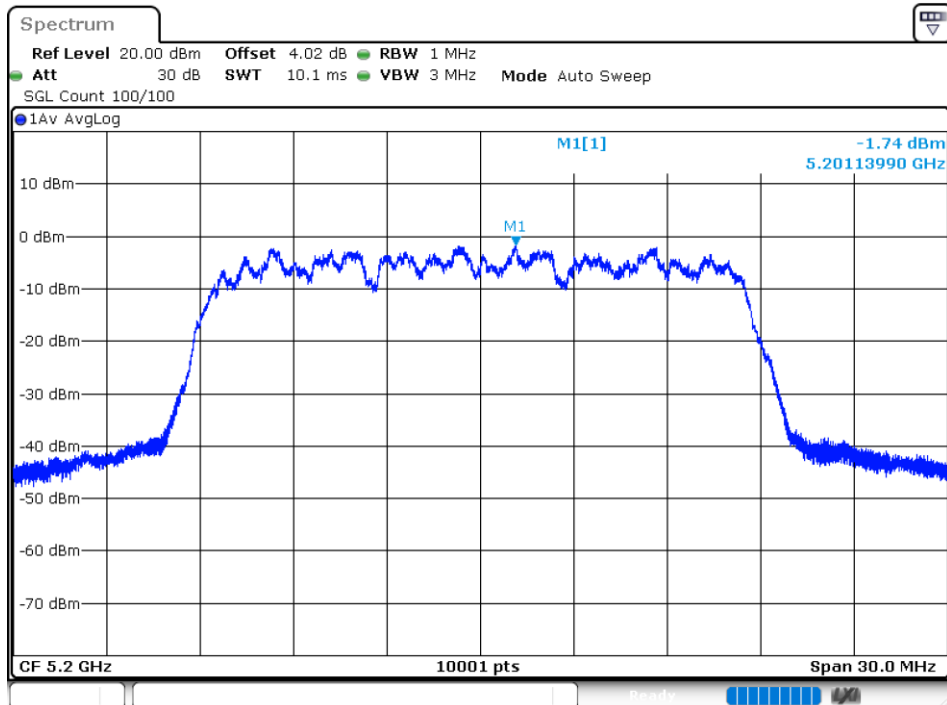
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.96	0.34	-1.62	11	Pass
NVNT	a	5200	Ant1	-1.74	0.34	-1.4	11	Pass
NVNT	a	5240	Ant1	-1.81	0.36	-1.45	11	Pass
NVNT	n20	5180	Ant1	-2.3	0.36	-1.94	11	Pass
NVNT	n20	5200	Ant1	-2.57	0.33	-2.24	11	Pass
NVNT	n20	5240	Ant1	-2.69	0.34	-2.35	11	Pass
NVNT	n40	5190	Ant1	-6.78	0.7	-6.08	11	Pass
NVNT	n40	5230	Ant1	-8.69	0.5	-8.19	11	Pass
NVNT	ac20	5180	Ant1	-2.95	0.36	-2.59	11	Pass
NVNT	ac20	5200	Ant1	-2.83	0.34	-2.49	11	Pass
NVNT	ac20	5240	Ant1	-2.25	0.36	-1.89	11	Pass
NVNT	ac40	5190	Ant1	-7.47	0.65	-6.82	11	Pass
NVNT	ac40	5230	Ant1	-4.25	0.54	-3.71	11	Pass
NVNT	ax20	5180	Ant1	-2.14	0.49	-1.65	11	Pass
NVNT	ax20	5200	Ant1	-2.21	0.47	-1.74	11	Pass
NVNT	ax20	5240	Ant1	-2.64	0.43	-2.21	11	Pass
NVNT	ax40	5190	Ant1	-9.08	0.81	-8.27	11	Pass
NVNT	ax40	5230	Ant1	-8.89	0.62	-8.27	11	Pass

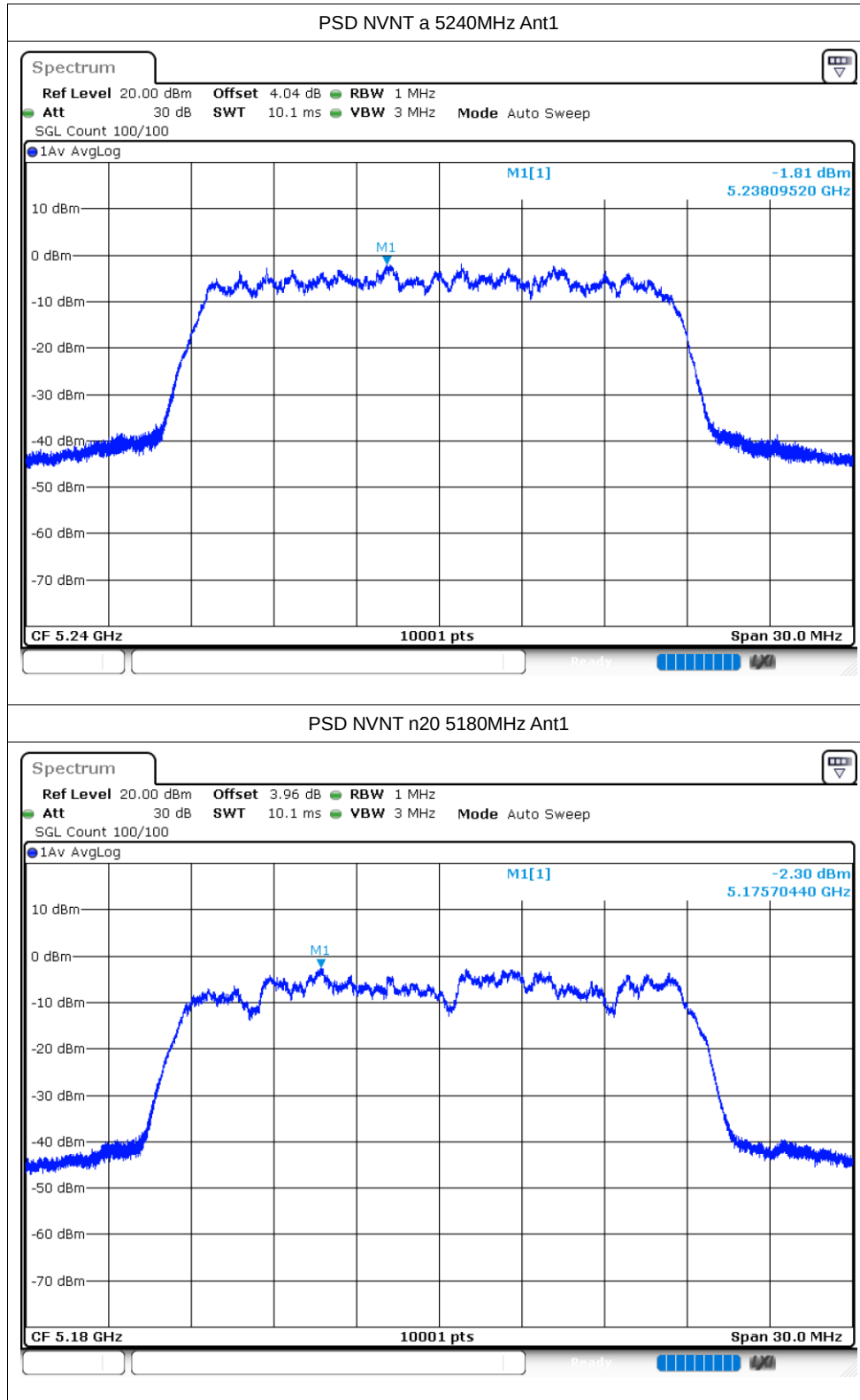
Test Graphs

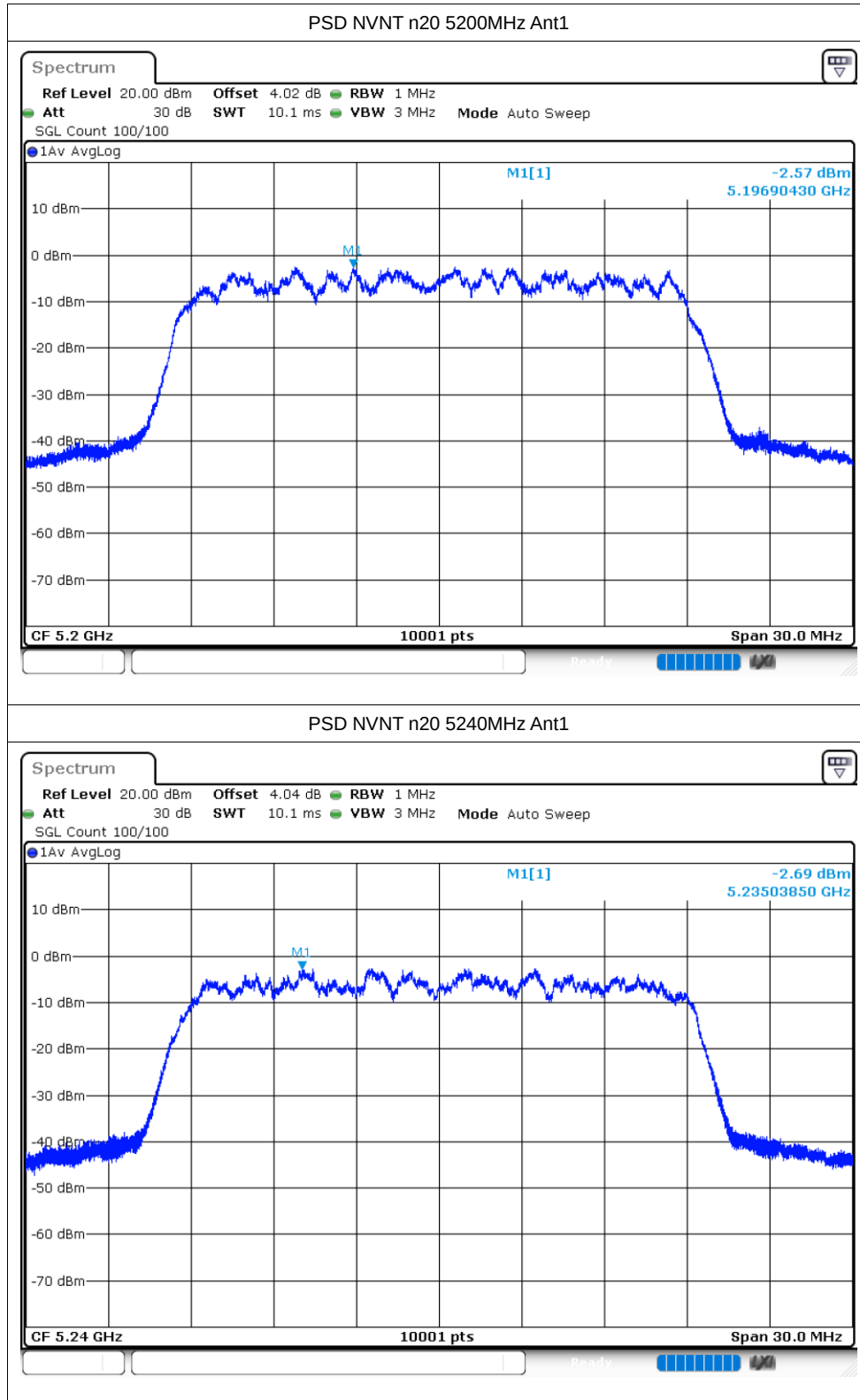
PSD NVNT a 5180MHz Ant1

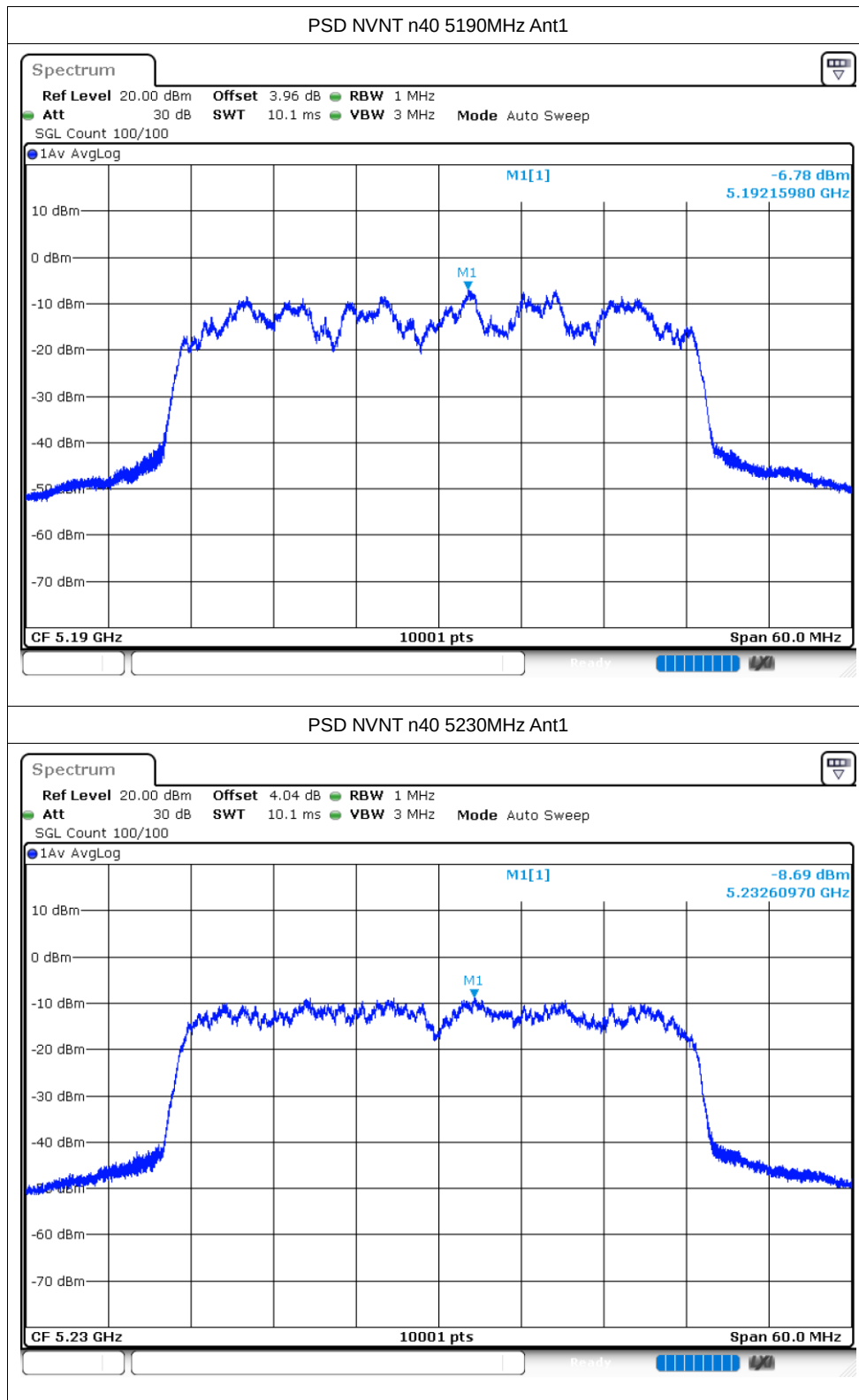


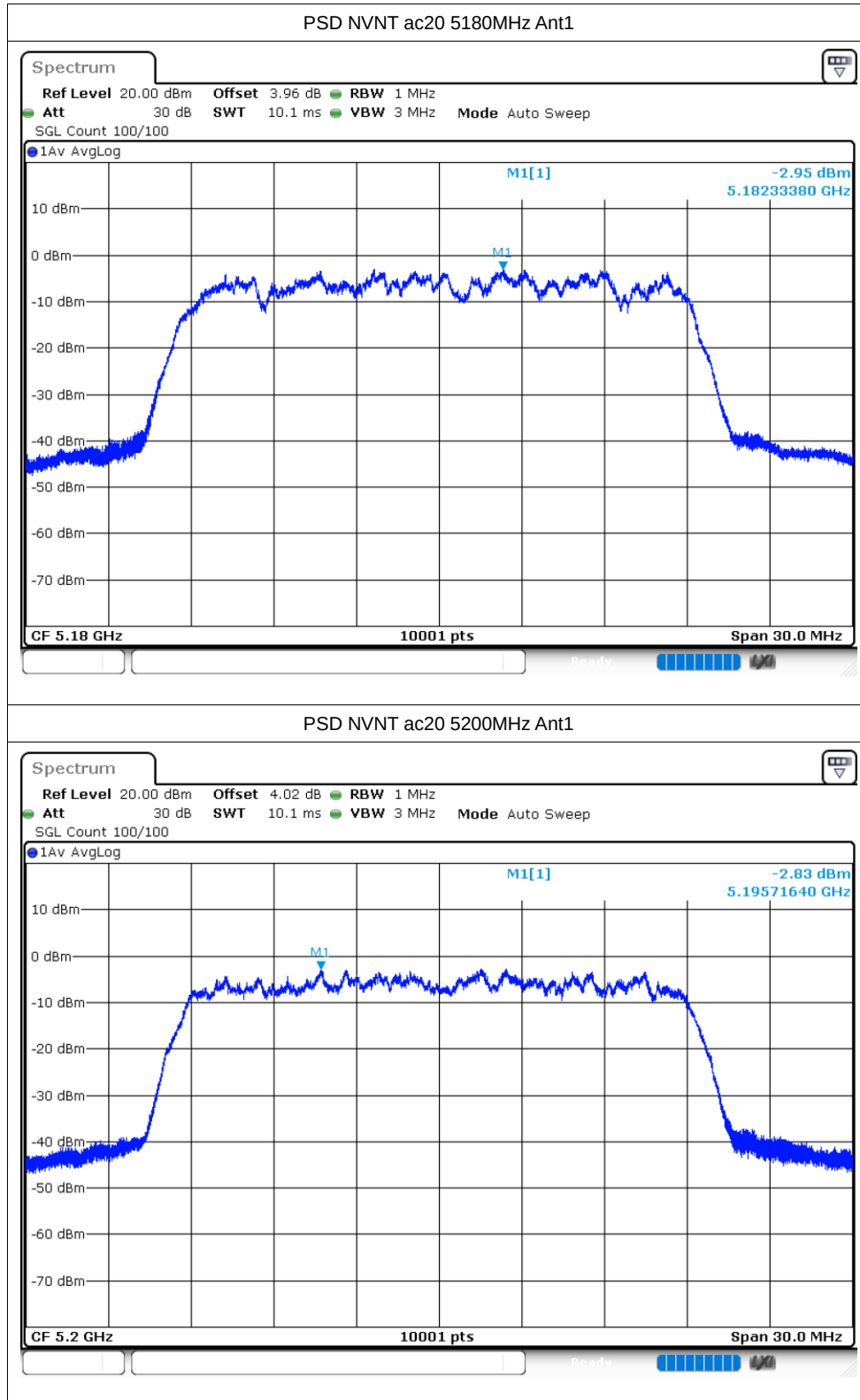
PSD NVNT a 5200MHz Ant1

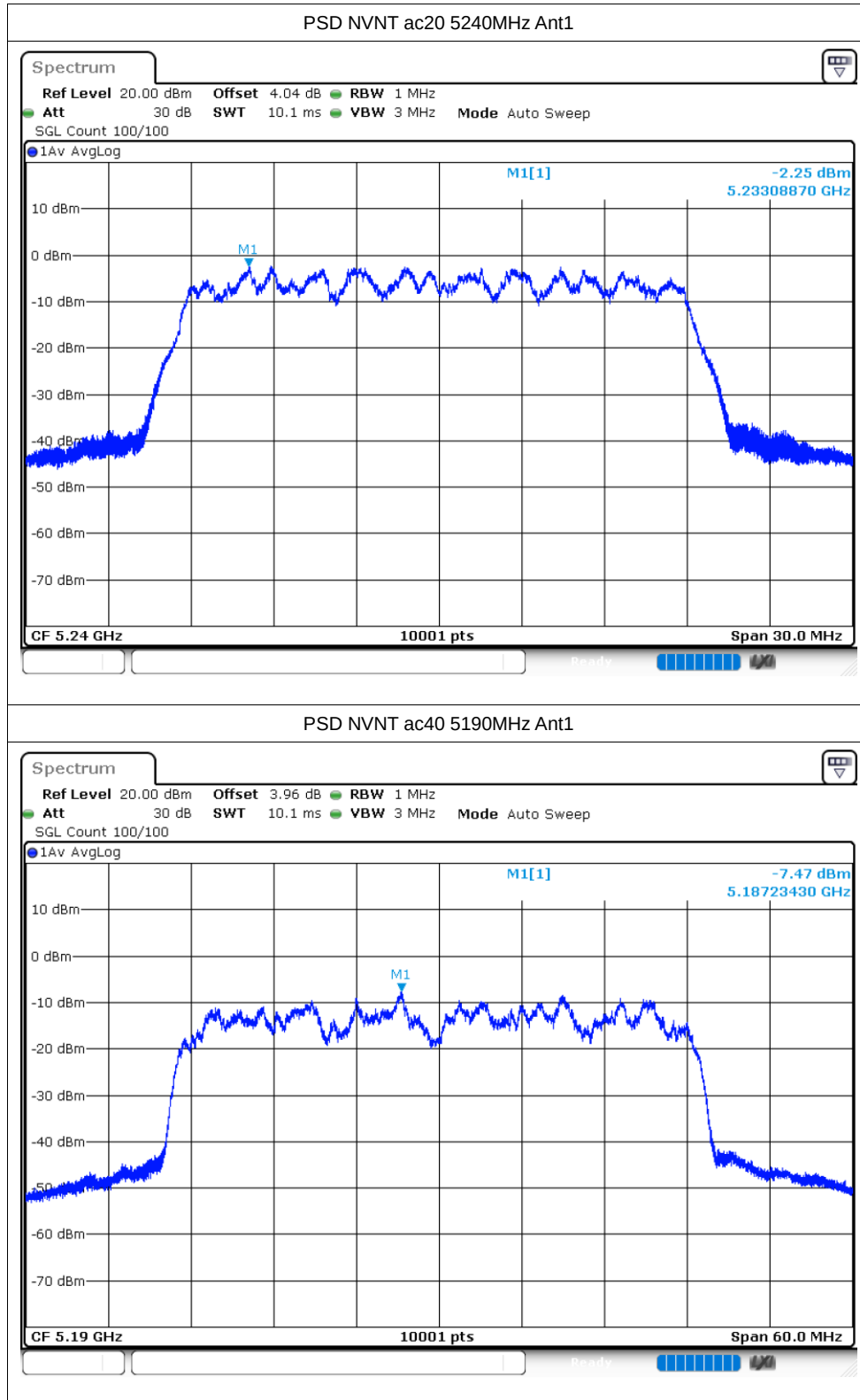


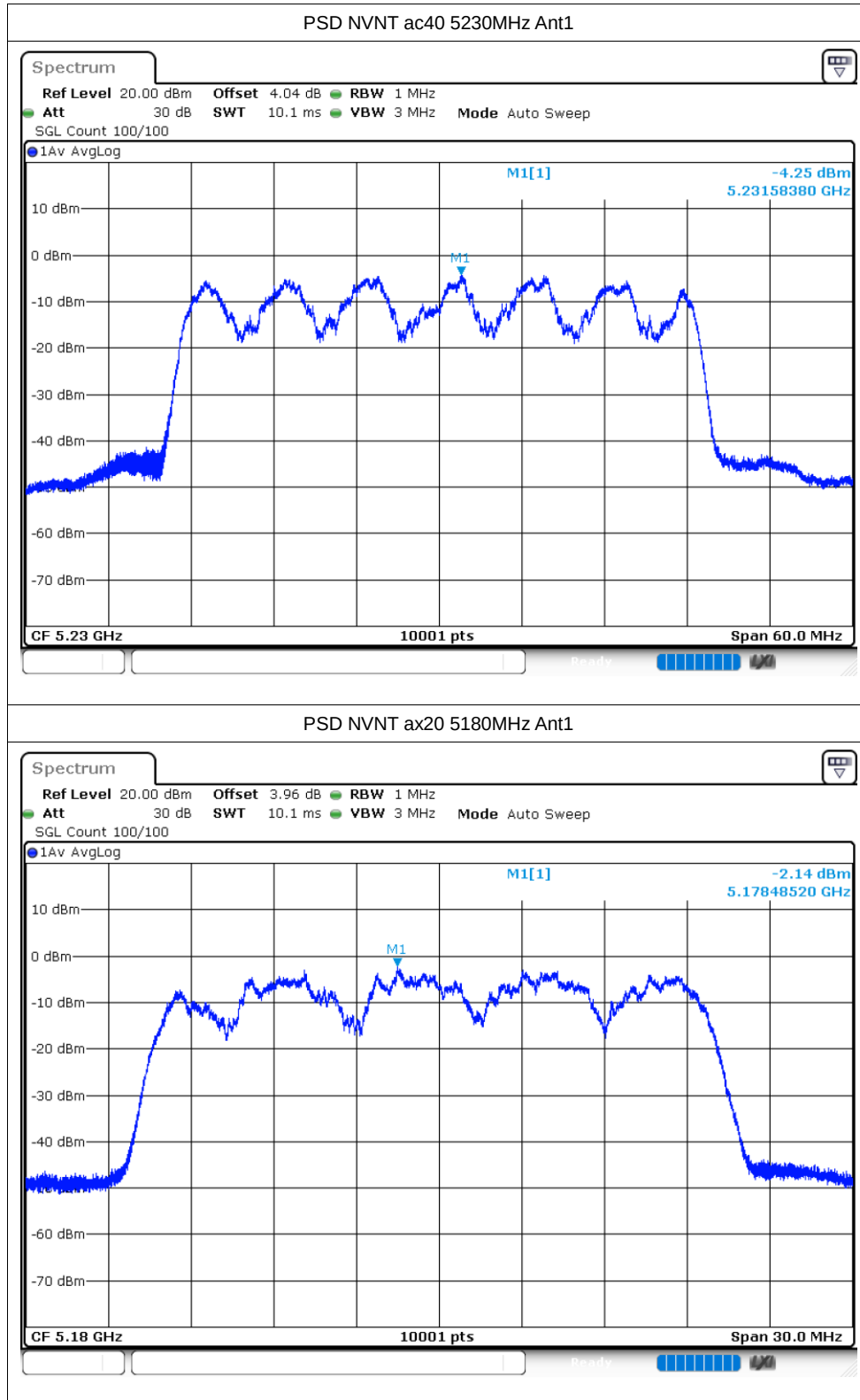


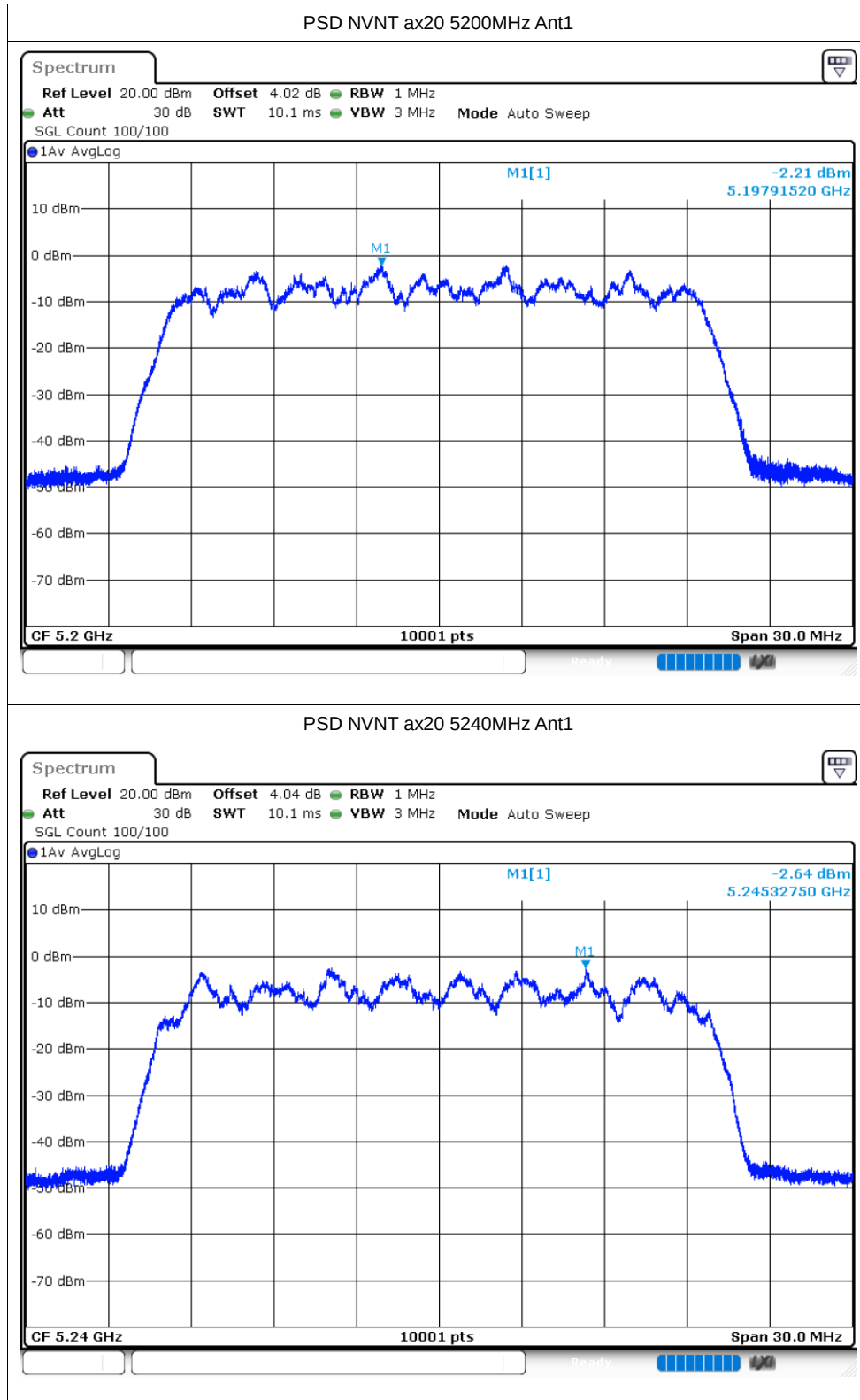


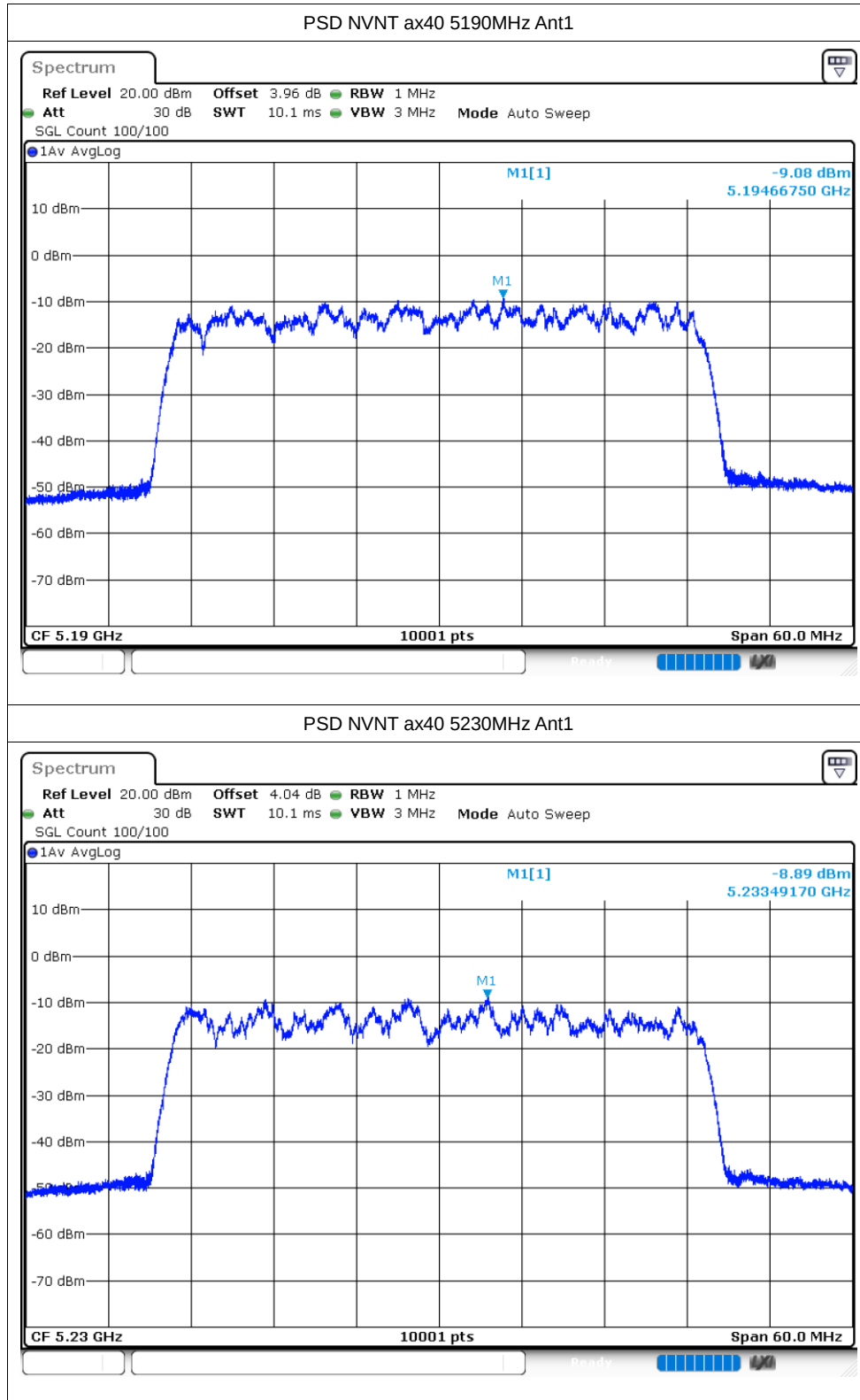












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.48	-27	Pass
NVNT	a	5240	Ant1	-39.43	-27	Pass
NVNT	n20	5180	Ant1	-31.85	-27	Pass
NVNT	n20	5240	Ant1	-39.66	-27	Pass
NVNT	n40	5190	Ant1	-35.1	-27	Pass
NVNT	n40	5230	Ant1	-40.19	-27	Pass
NVNT	ac20	5180	Ant1	-29.17	-27	Pass
NVNT	ac20	5240	Ant1	-39.43	-27	Pass
NVNT	ac40	5190	Ant1	-30.73	-27	Pass
NVNT	ac40	5230	Ant1	-40.37	-27	Pass
NVNT	ax20	5180	Ant1	-32.93	-27	Pass
NVNT	ax20	5240	Ant1	-39.16	-27	Pass
NVNT	ax40	5190	Ant1	-29.63	-27	Pass
NVNT	ax40	5230	Ant1	-40.4	-27	Pass