

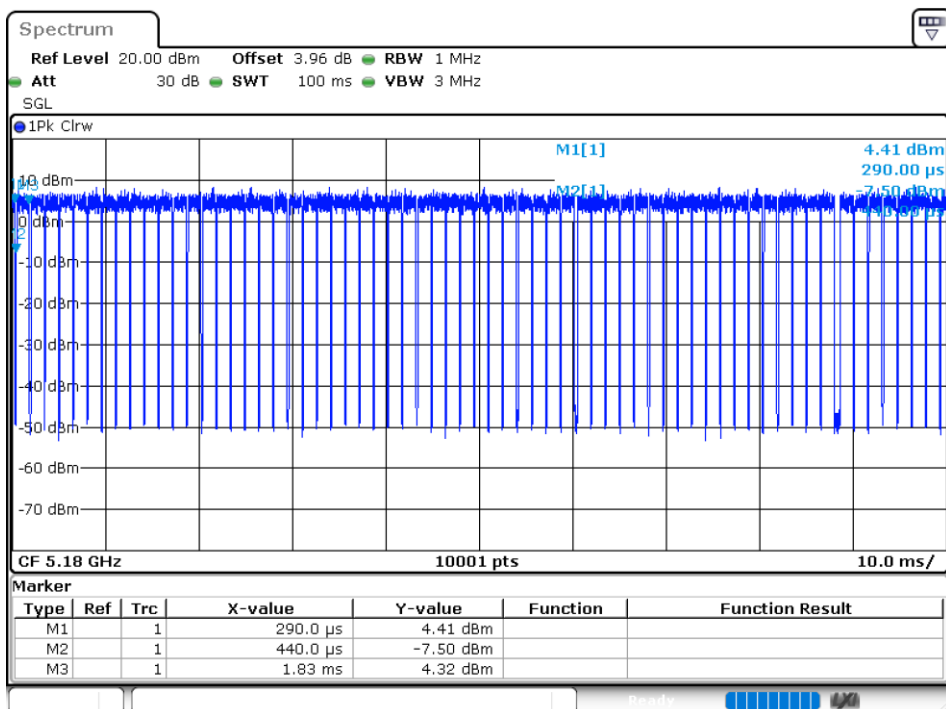
WIFI 5.2G

Duty Cycle

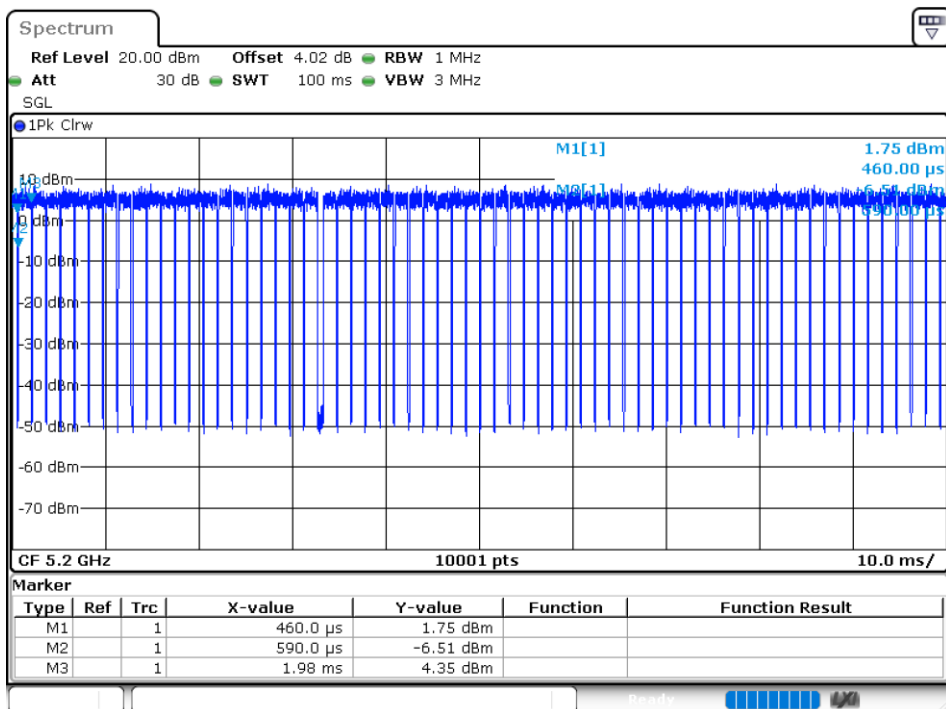
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	90.64	0.43	0.72
NVNT	a	5200	Ant1	90.93	0.41	0.72
NVNT	a	5240	Ant1	91.54	0.38	0.72
NVNT	n20	5180	Ant1	89.41	0.49	0.85
NVNT	n20	5200	Ant1	90	0.46	0.85
NVNT	n20	5240	Ant1	89.94	0.46	0.85
NVNT	n40	5190	Ant1	82.08	0.86	1.69
NVNT	n40	5230	Ant1	82	0.86	1.69
NVNT	ac20	5180	Ant1	89.76	0.47	0.85
NVNT	ac20	5200	Ant1	89.78	0.47	0.84
NVNT	ac20	5240	Ant1	89.71	0.47	0.85
NVNT	ac40	5190	Ant1	81.63	0.88	1.69
NVNT	ac40	5230	Ant1	82	0.86	1.69
NVNT	ac80	5210	Ant1	69.37	1.59	3.45

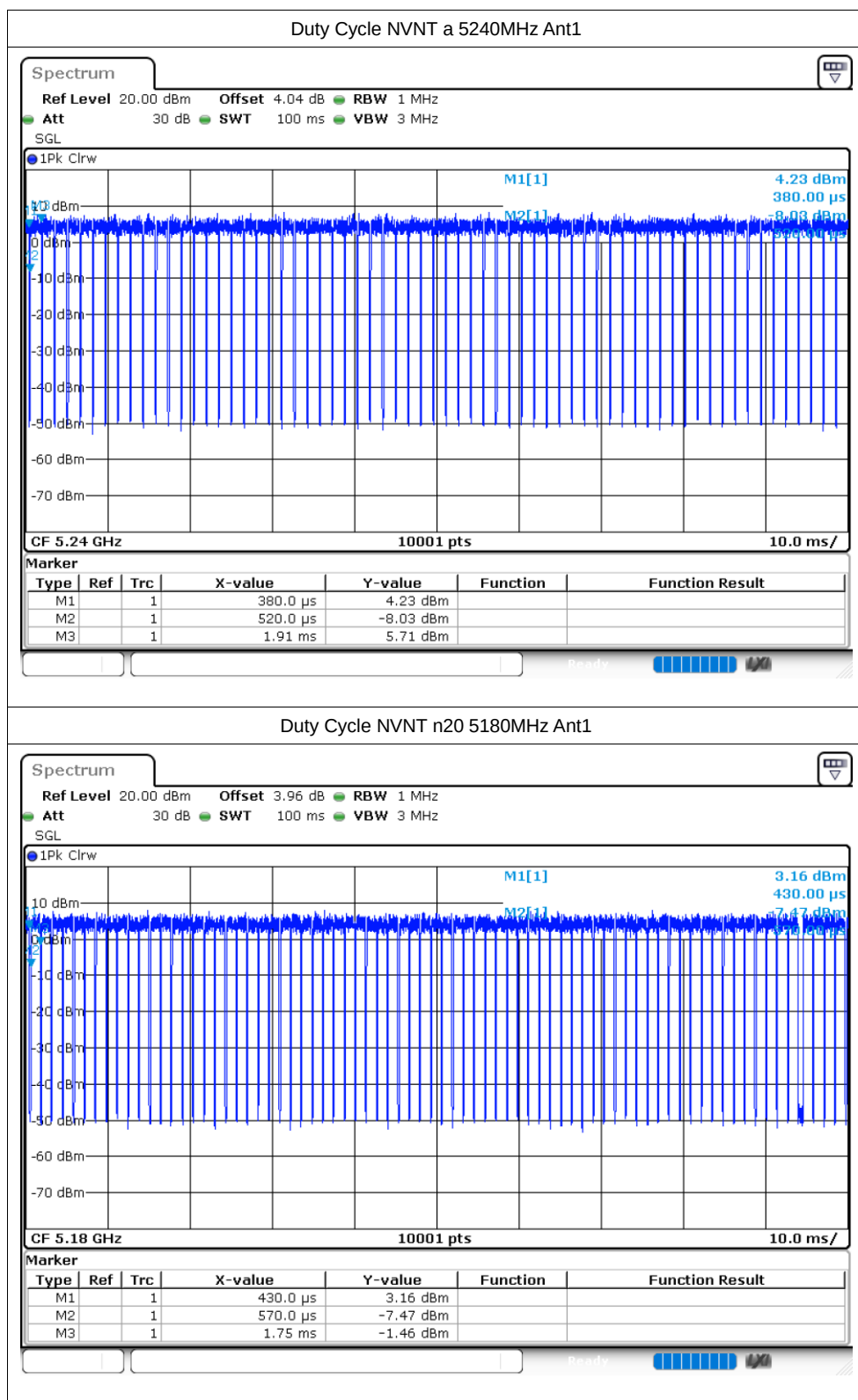
Test Graphs

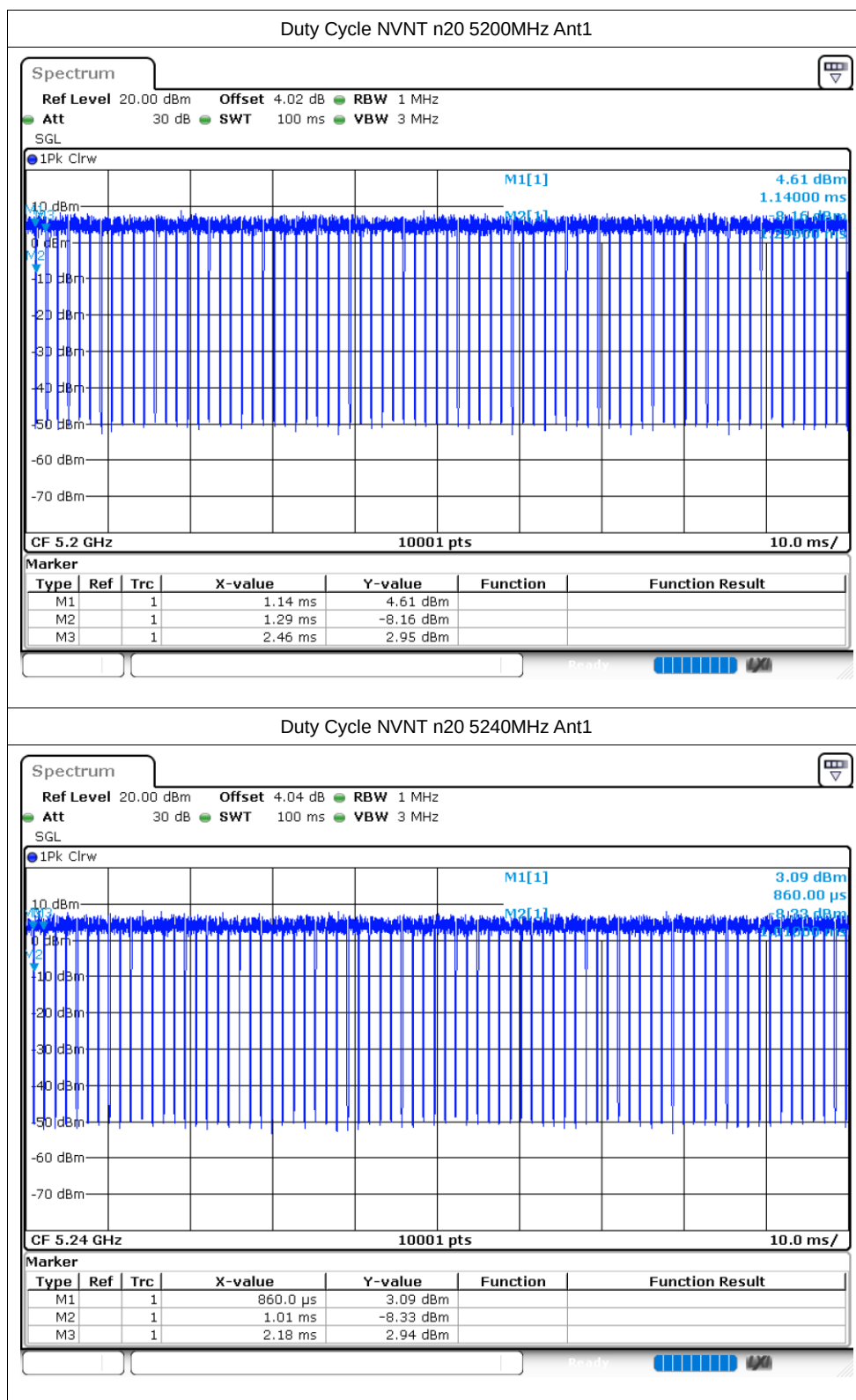
Duty Cycle NVNT a 5180MHz Ant1

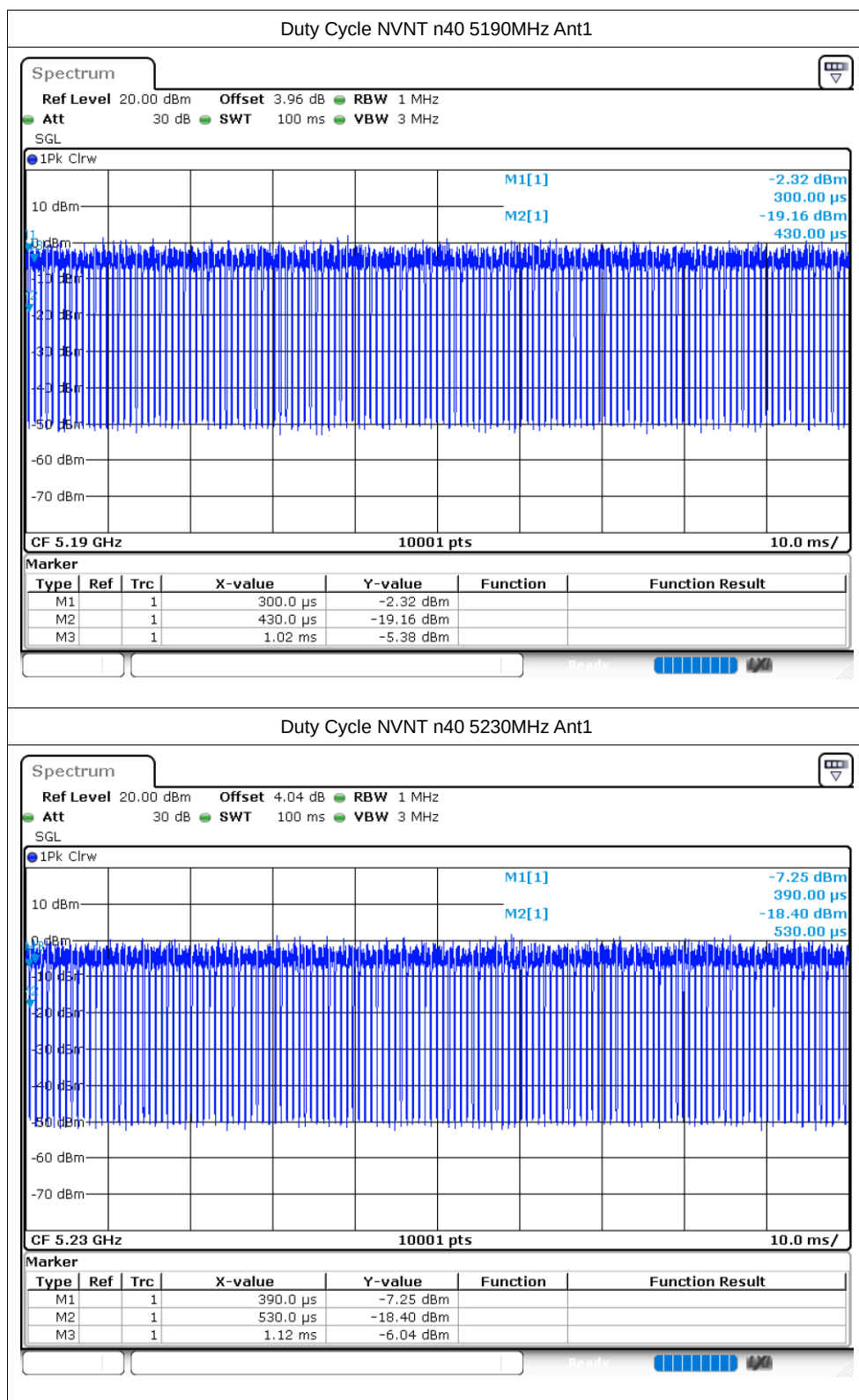


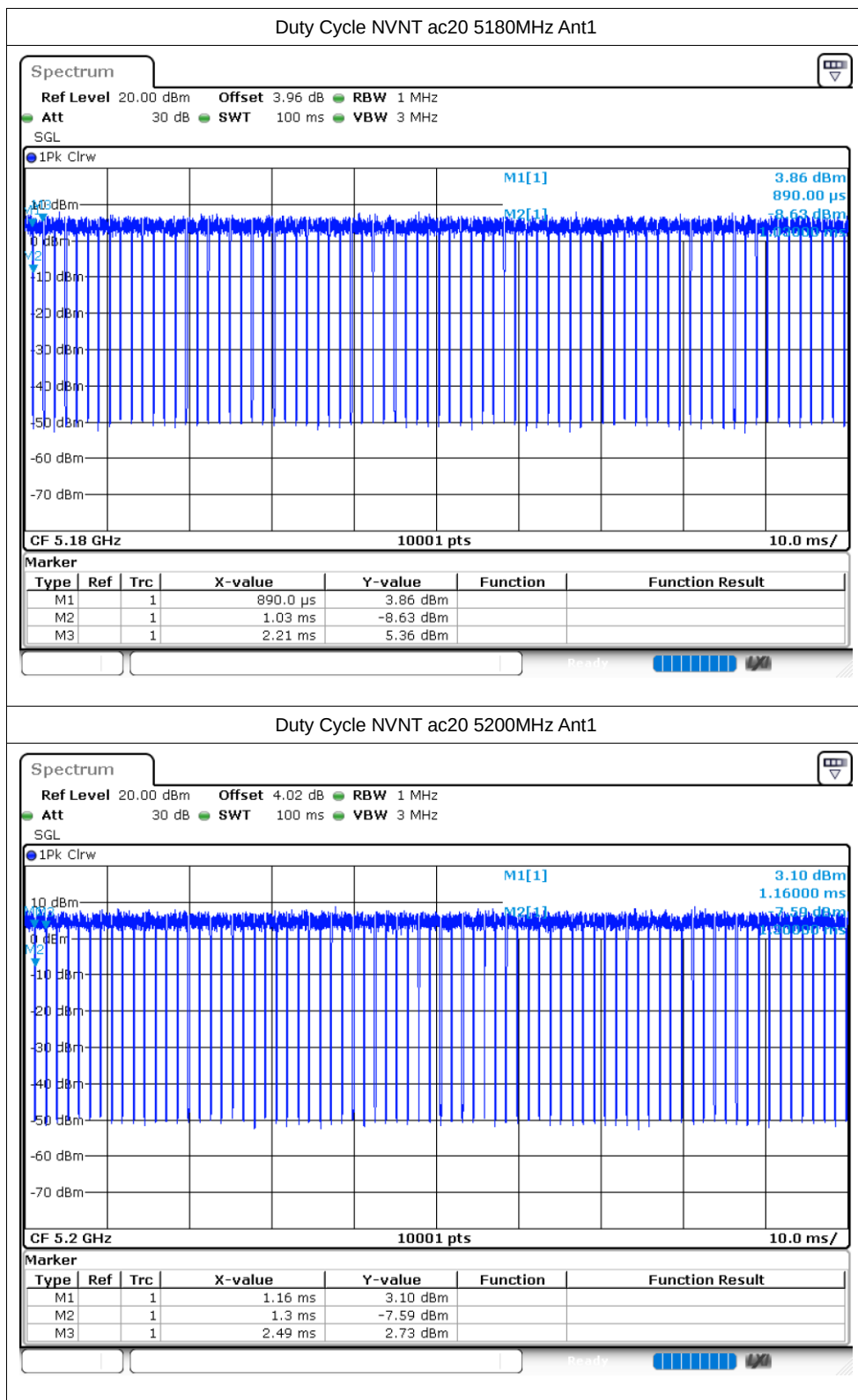
Duty Cycle NVNT a 5200MHz Ant1

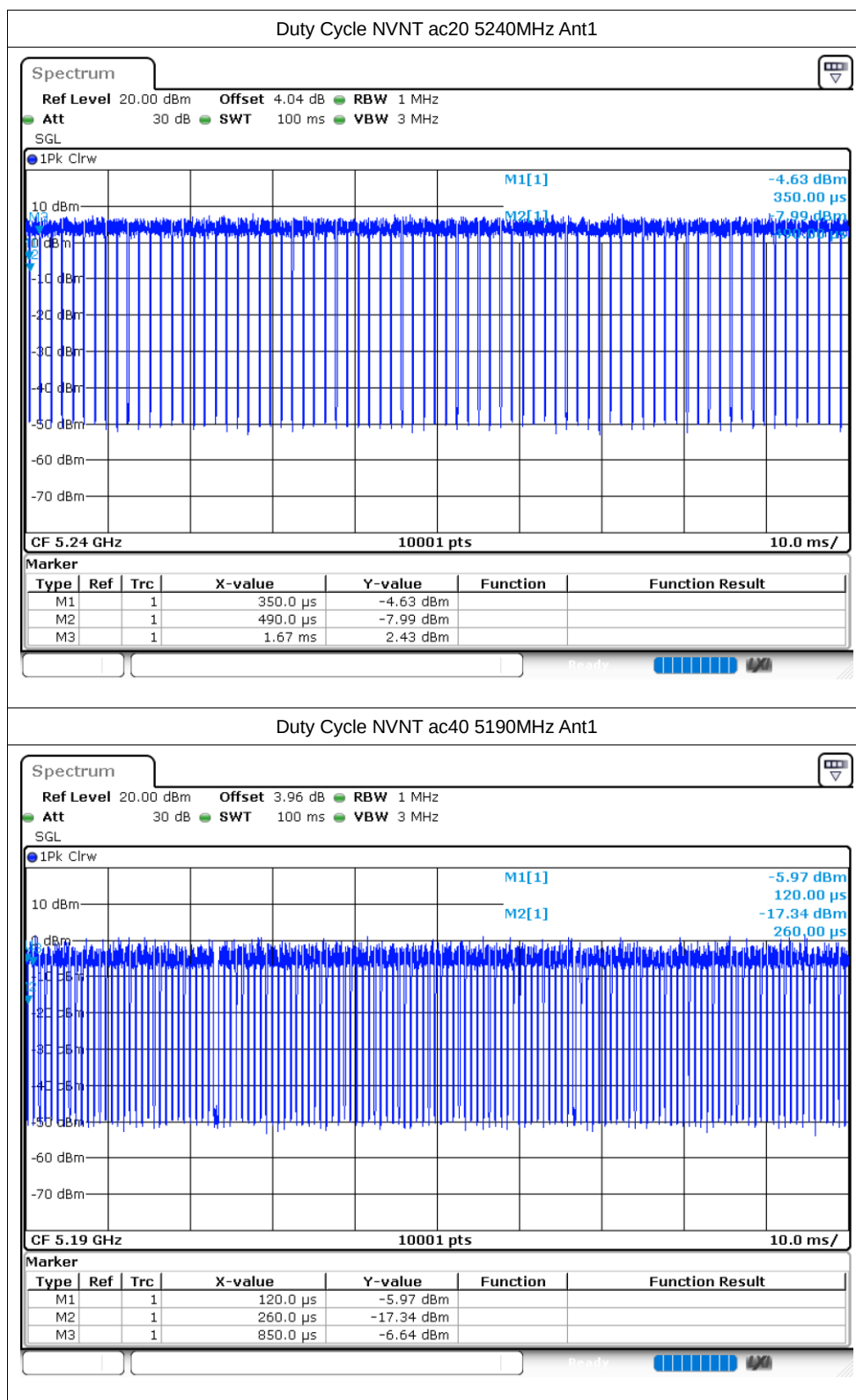


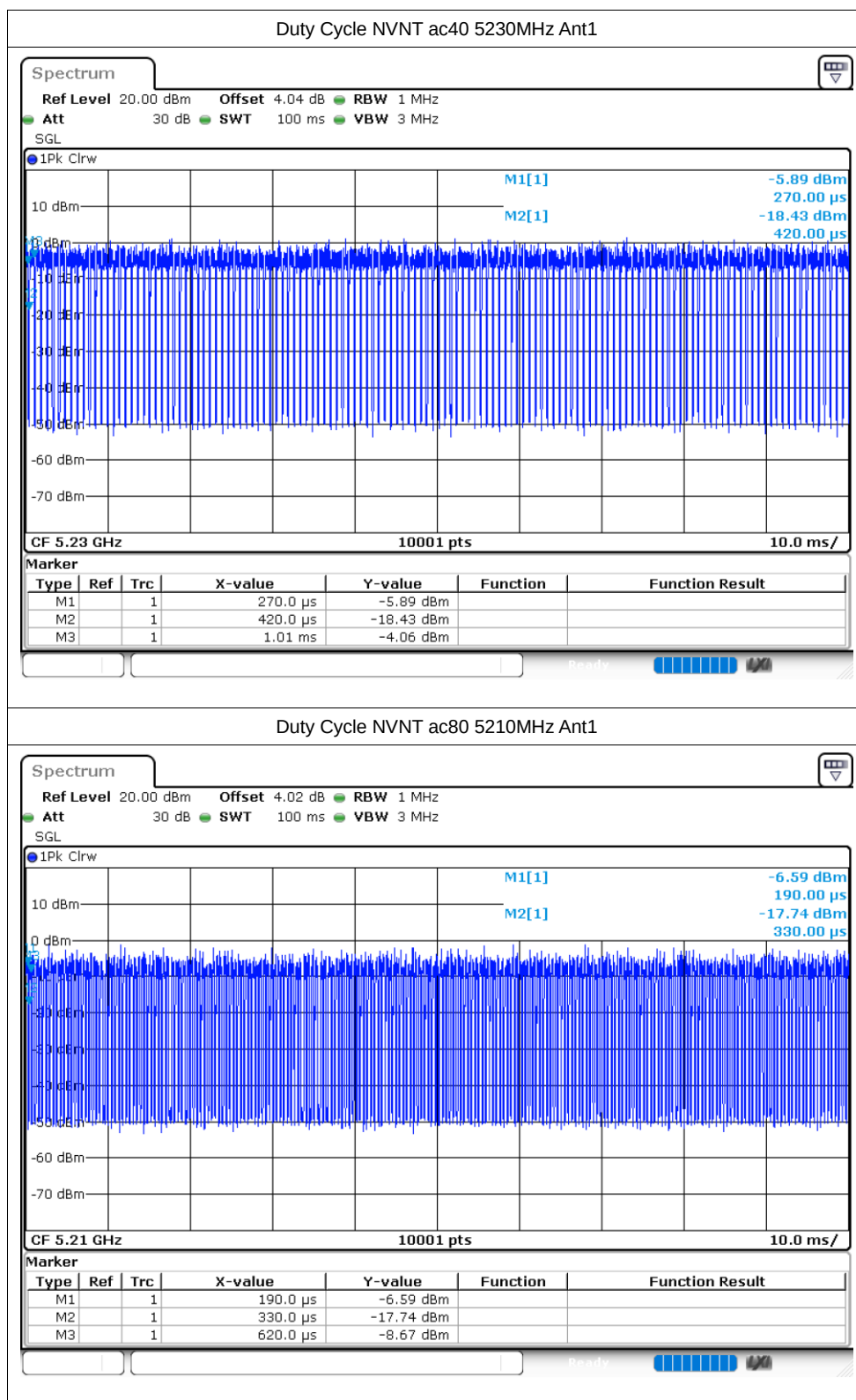












Maximum Conducted Output Power

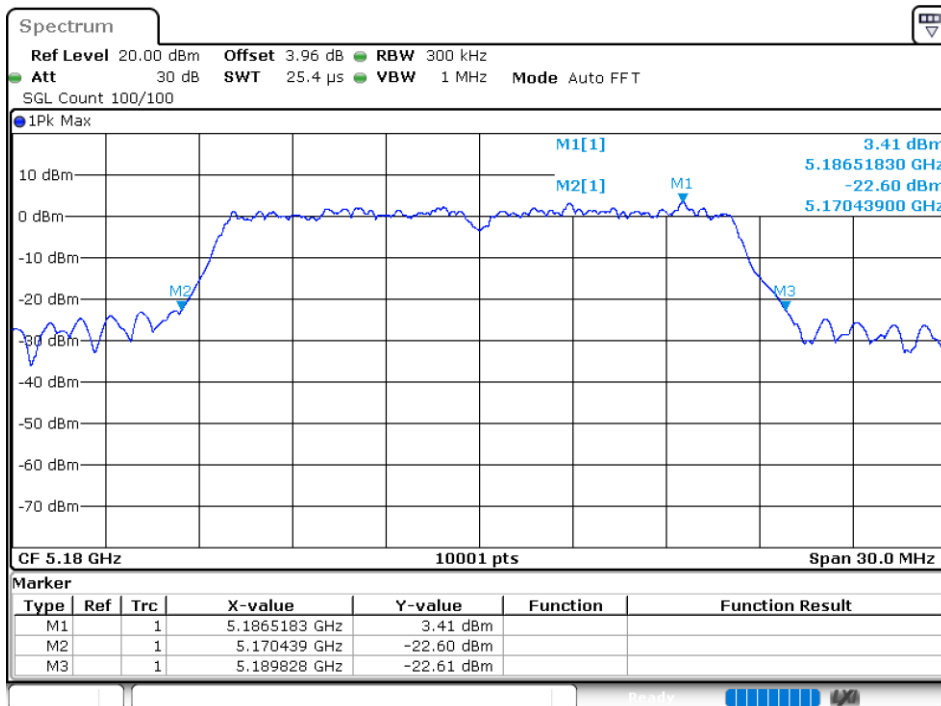
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	12.52	0.43	12.95	24	Pass
NVNT	a	5200	Ant1	12.89	0.41	13.3	24	Pass
NVNT	a	5240	Ant1	12.98	0.38	13.36	24	Pass
NVNT	n20	5180	Ant1	12.50	0.49	12.99	24	Pass
NVNT	n20	5200	Ant1	12.40	0.46	12.86	24	Pass
NVNT	n20	5240	Ant1	12.99	0.46	13.45	24	Pass
NVNT	n40	5190	Ant1	9.44	0.86	10.3	24	Pass
NVNT	n40	5230	Ant1	9.82	0.86	10.68	24	Pass
NVNT	ac20	5180	Ant1	12.44	0.47	12.91	24	Pass
NVNT	ac20	5200	Ant1	12.68	0.47	13.15	24	Pass
NVNT	ac20	5240	Ant1	12.93	0.47	13.4	24	Pass
NVNT	ac40	5190	Ant1	9.68	0.88	10.56	24	Pass
NVNT	ac40	5230	Ant1	9.92	0.86	10.78	24	Pass
NVNT	ac80	5210	Ant1	8.92	1.59	10.51	24	Pass

-26dB Bandwidth

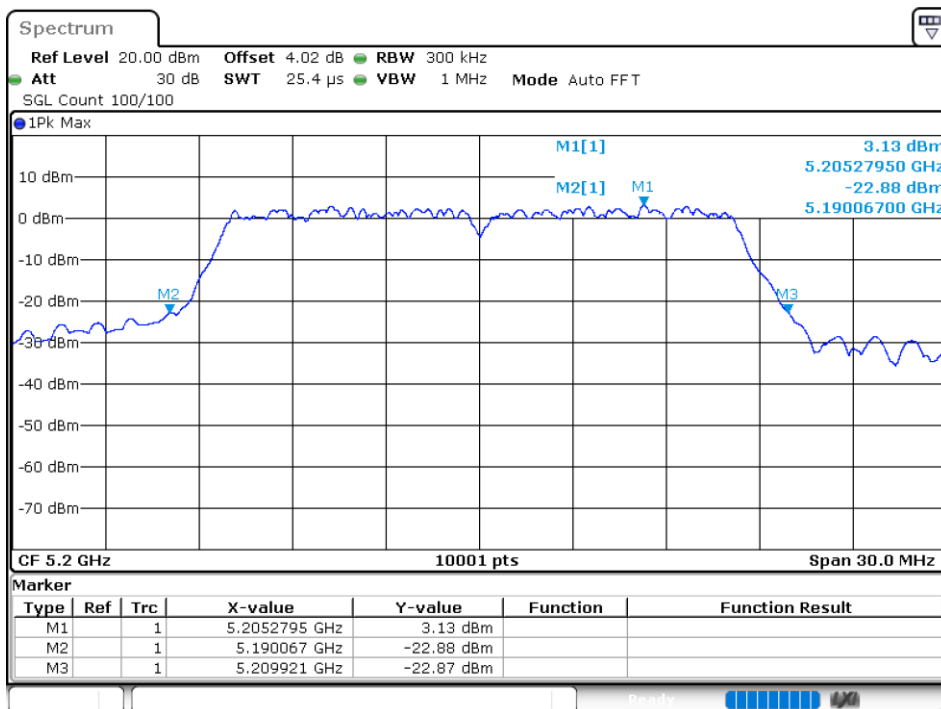
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.389	Pass
NVNT	a	5200	Ant1	19.854	Pass
NVNT	a	5240	Ant1	21.621	Pass
NVNT	n20	5180	Ant1	25.131	Pass
NVNT	n20	5200	Ant1	20.034	Pass
NVNT	n20	5240	Ant1	22.551	Pass
NVNT	n40	5190	Ant1	59.19	Pass
NVNT	n40	5230	Ant1	56.892	Pass
NVNT	ac20	5180	Ant1	21.468	Pass
NVNT	ac20	5200	Ant1	20.592	Pass
NVNT	ac20	5240	Ant1	20.229	Pass
NVNT	ac40	5190	Ant1	58.194	Pass
NVNT	ac40	5230	Ant1	54.816	Pass
NVNT	ac80	5210	Ant1	85.716	Pass

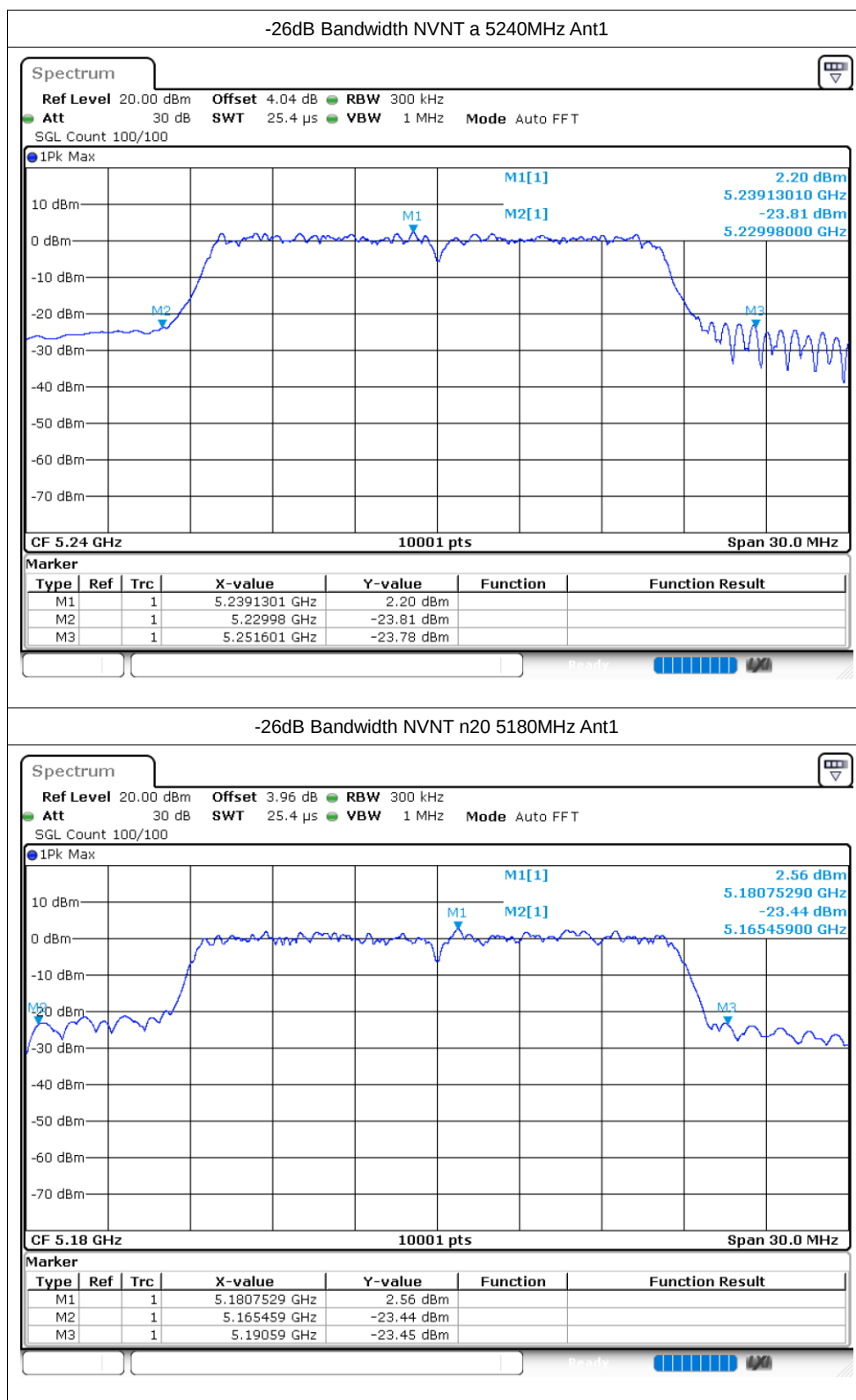
Test Graphs

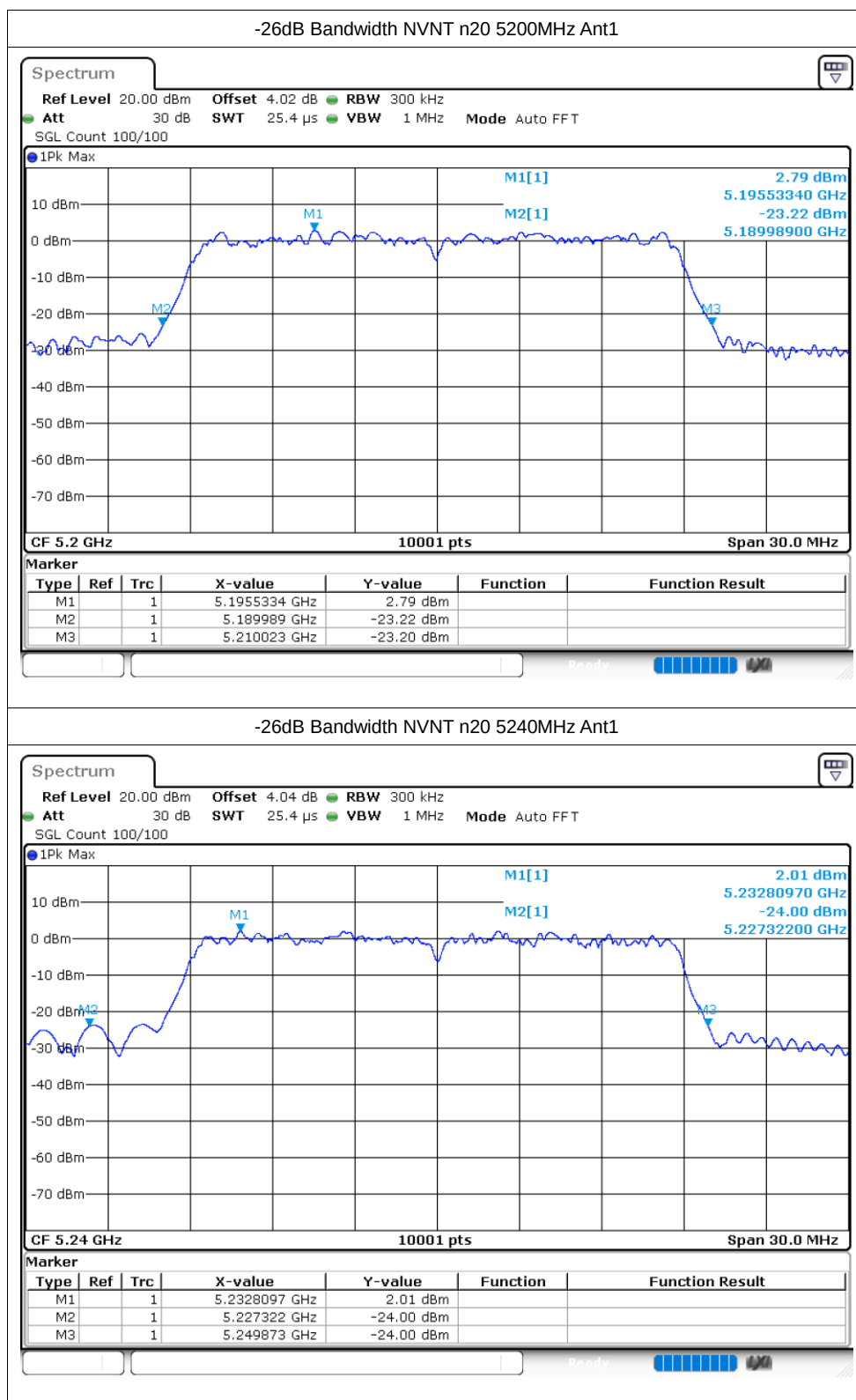
-26dB Bandwidth NVNT a 5180MHz Ant1

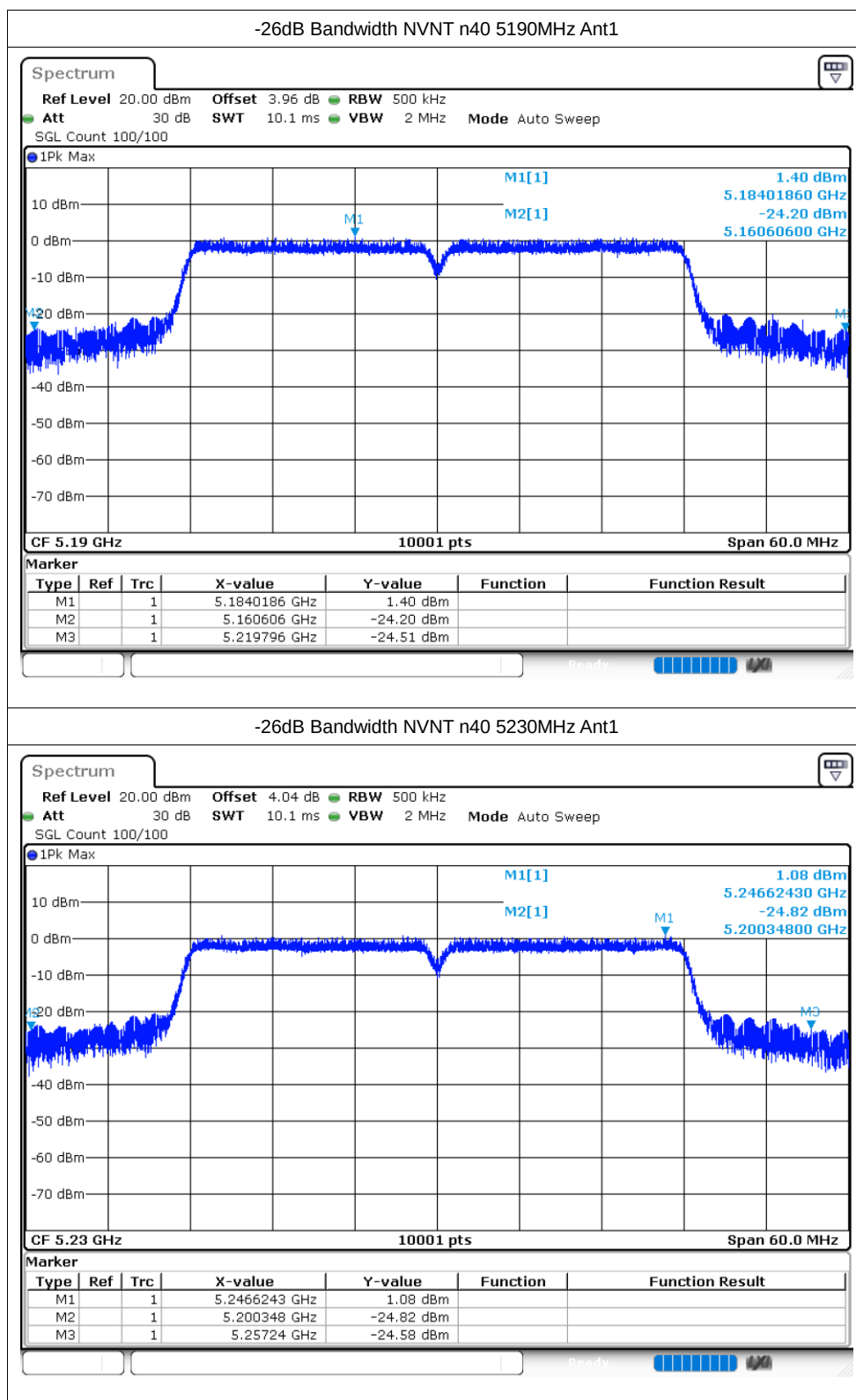


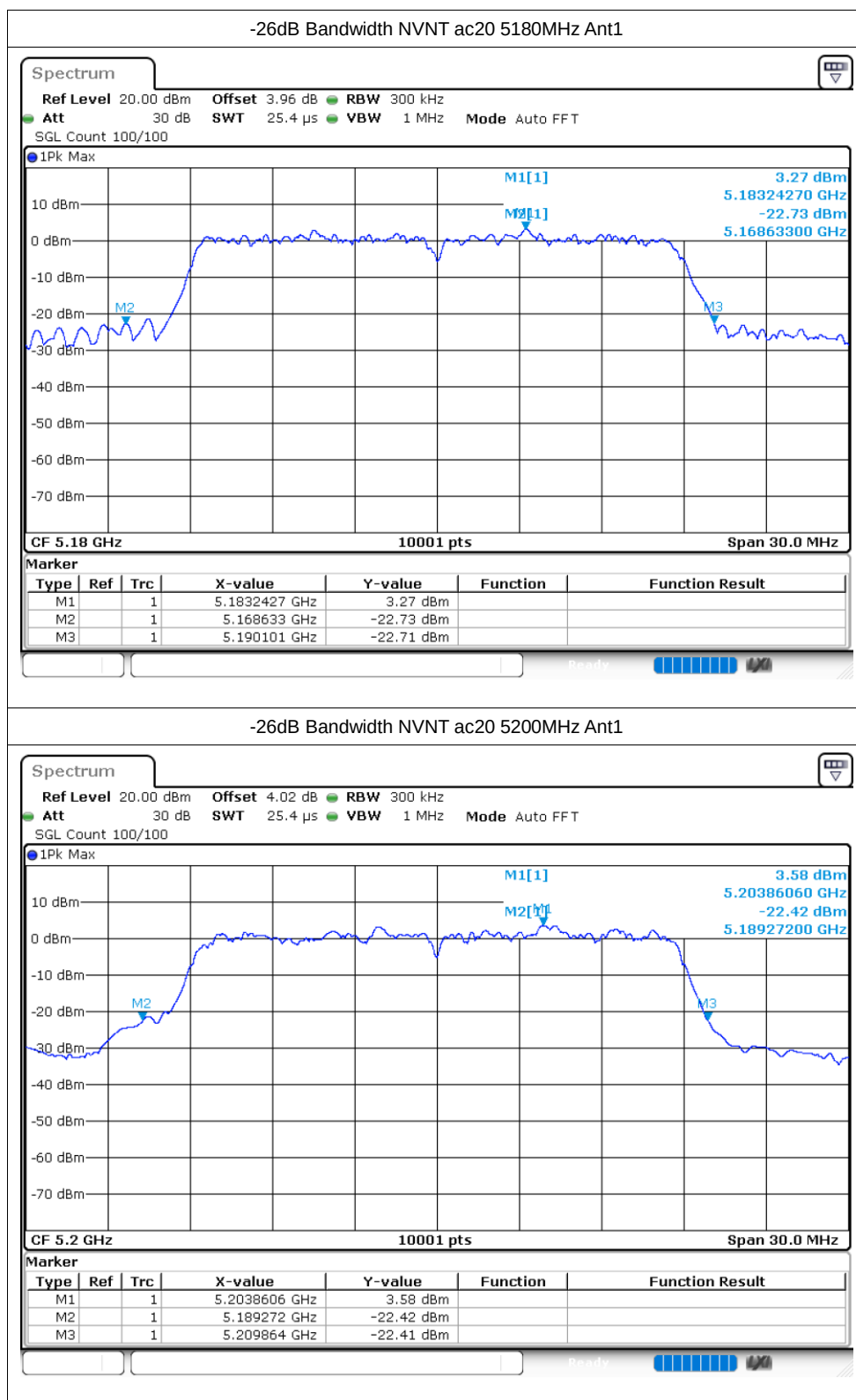
-26dB Bandwidth NVNT a 5200MHz Ant1

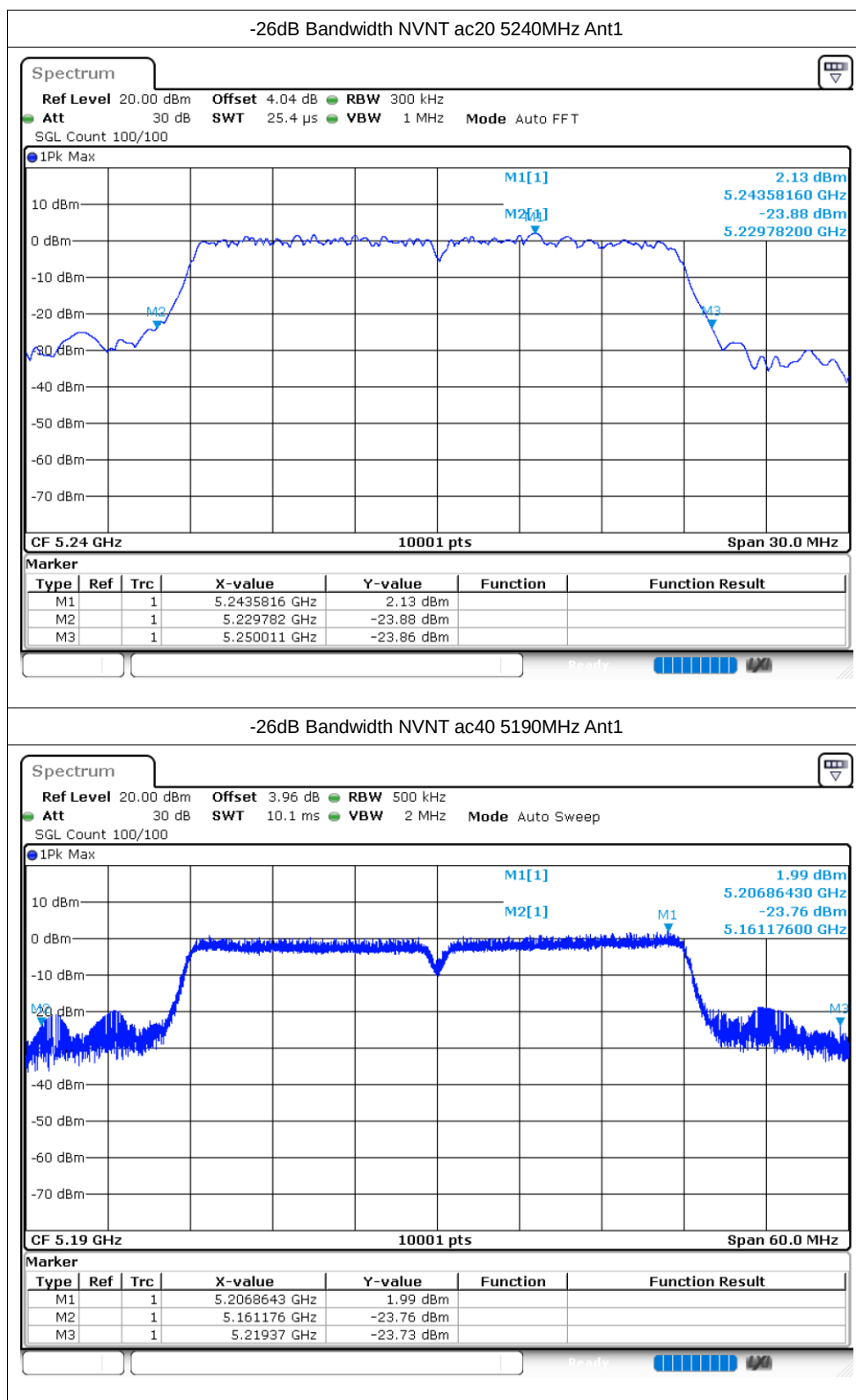


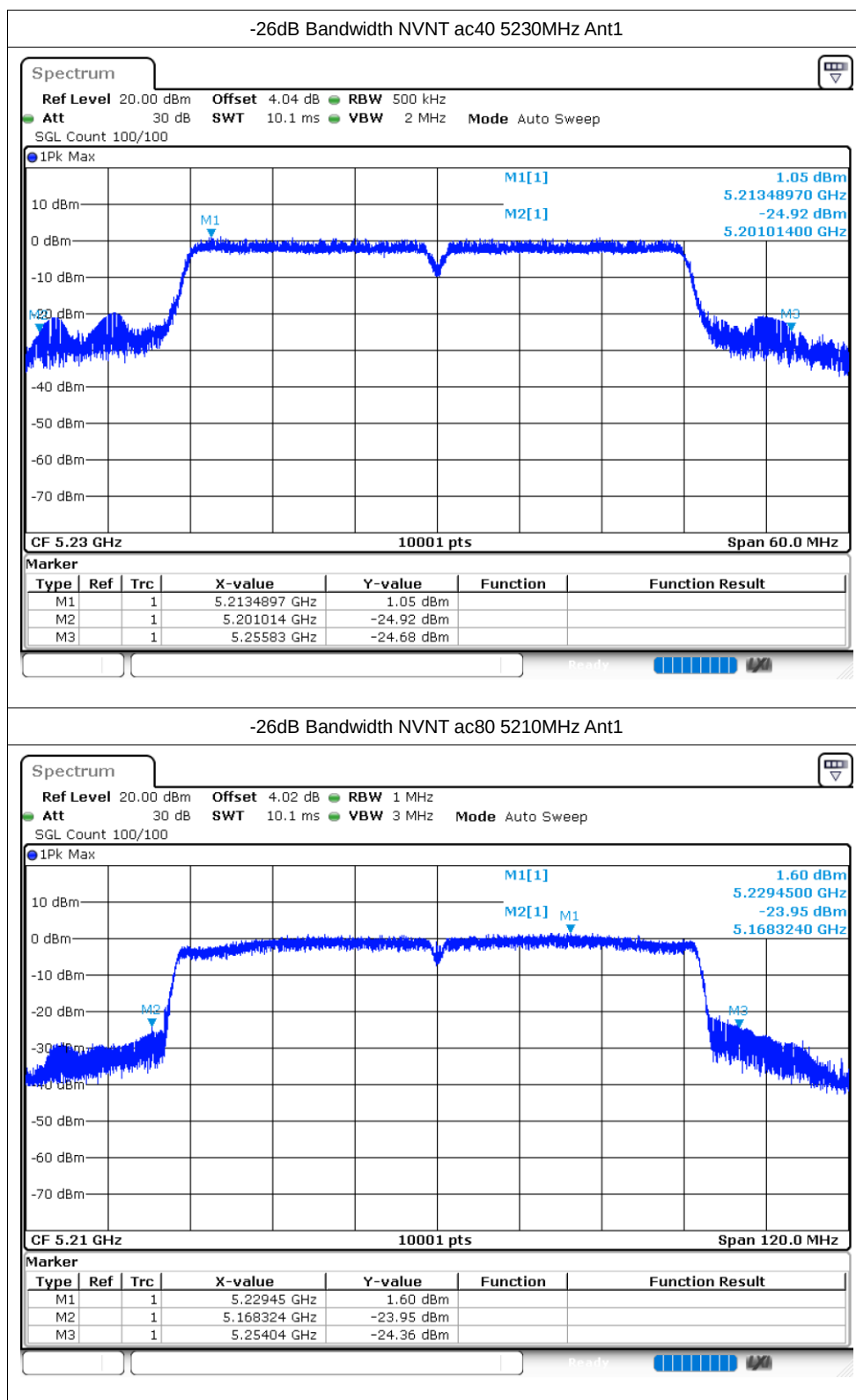










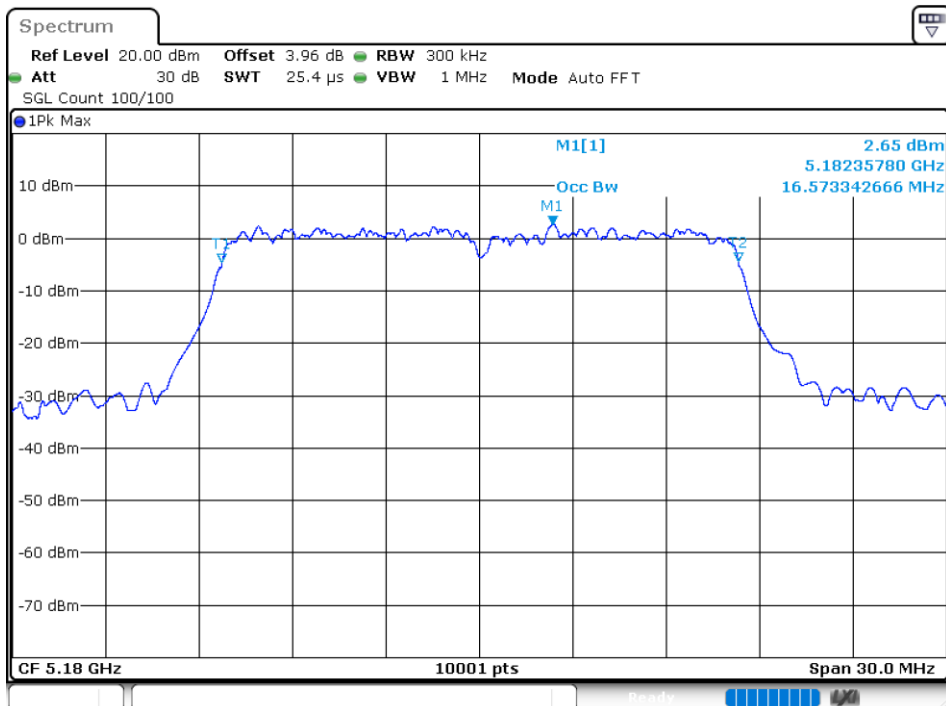


Occupied Channel Bandwidth

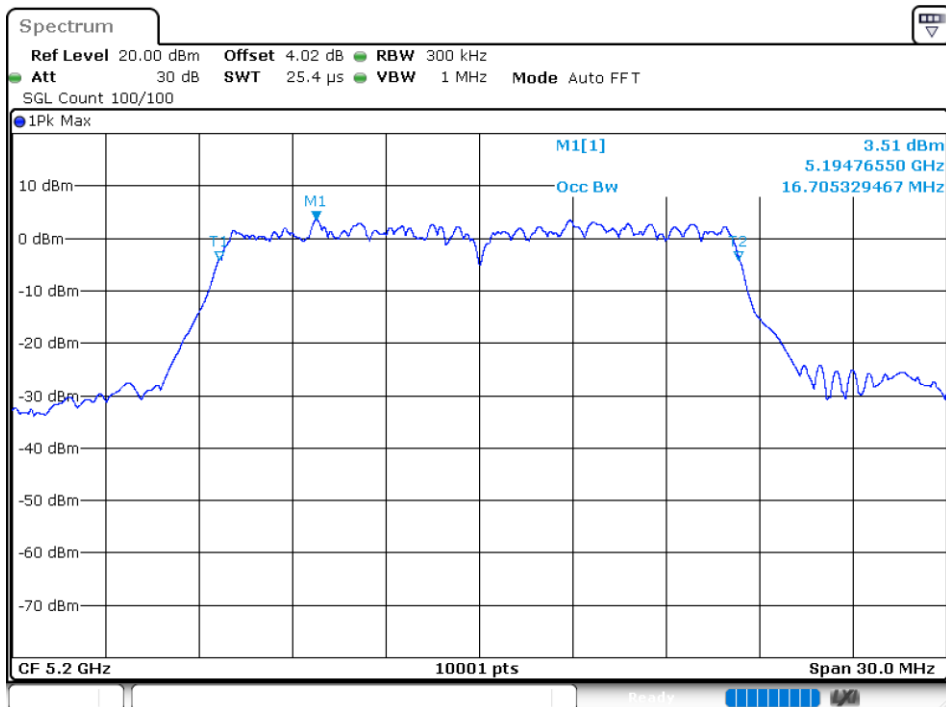
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.573
NVNT	a	5200	Ant1	16.705
NVNT	a	5240	Ant1	16.807
NVNT	n20	5180	Ant1	17.632
NVNT	n20	5200	Ant1	17.575
NVNT	n20	5240	Ant1	17.626
NVNT	n40	5190	Ant1	36.44
NVNT	n40	5230	Ant1	36.428
NVNT	ac20	5180	Ant1	17.797
NVNT	ac20	5200	Ant1	17.62
NVNT	ac20	5240	Ant1	17.659
NVNT	ac40	5190	Ant1	36.5
NVNT	ac40	5230	Ant1	36.362
NVNT	ac80	5210	Ant1	75.268

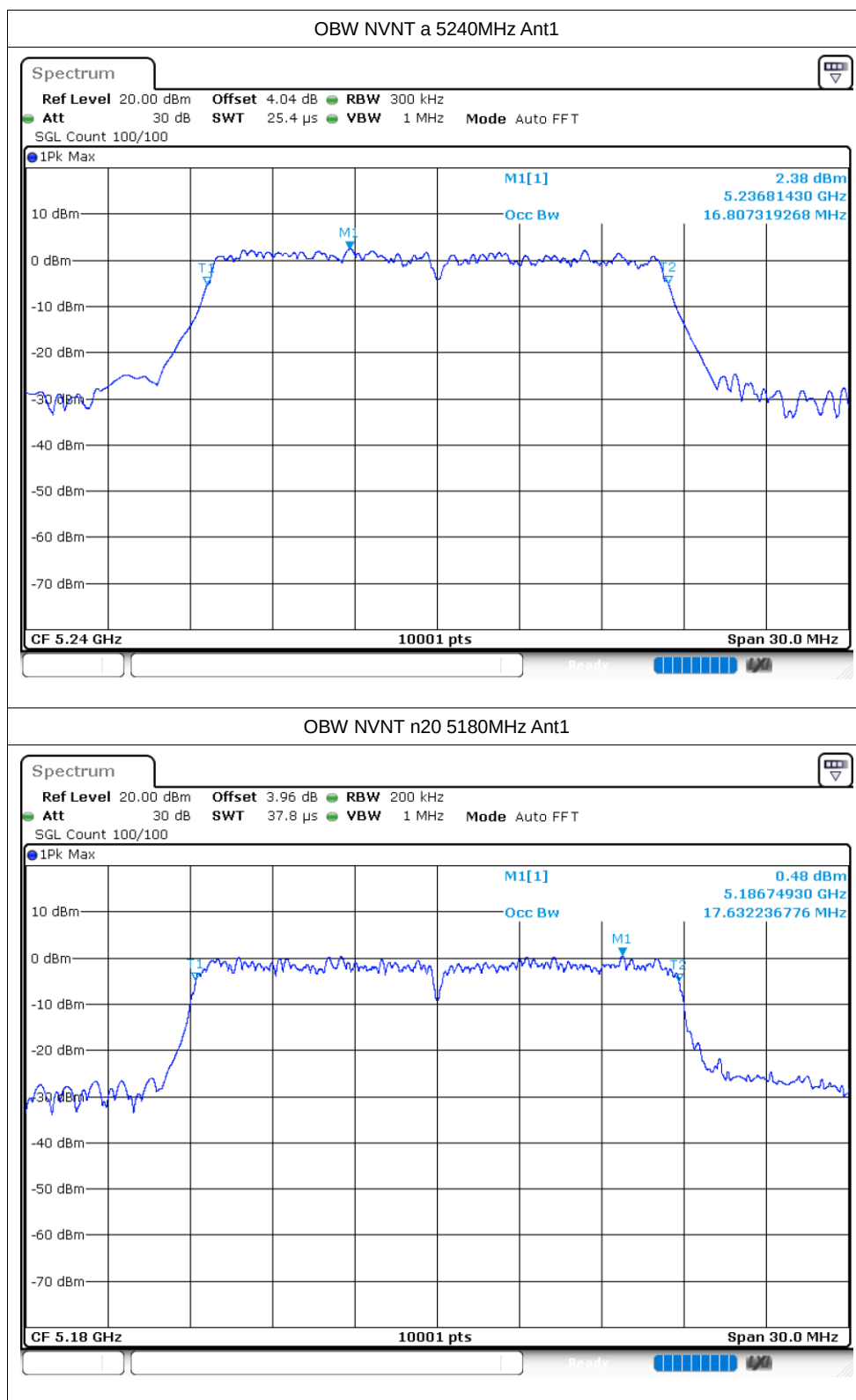
Test Graphs

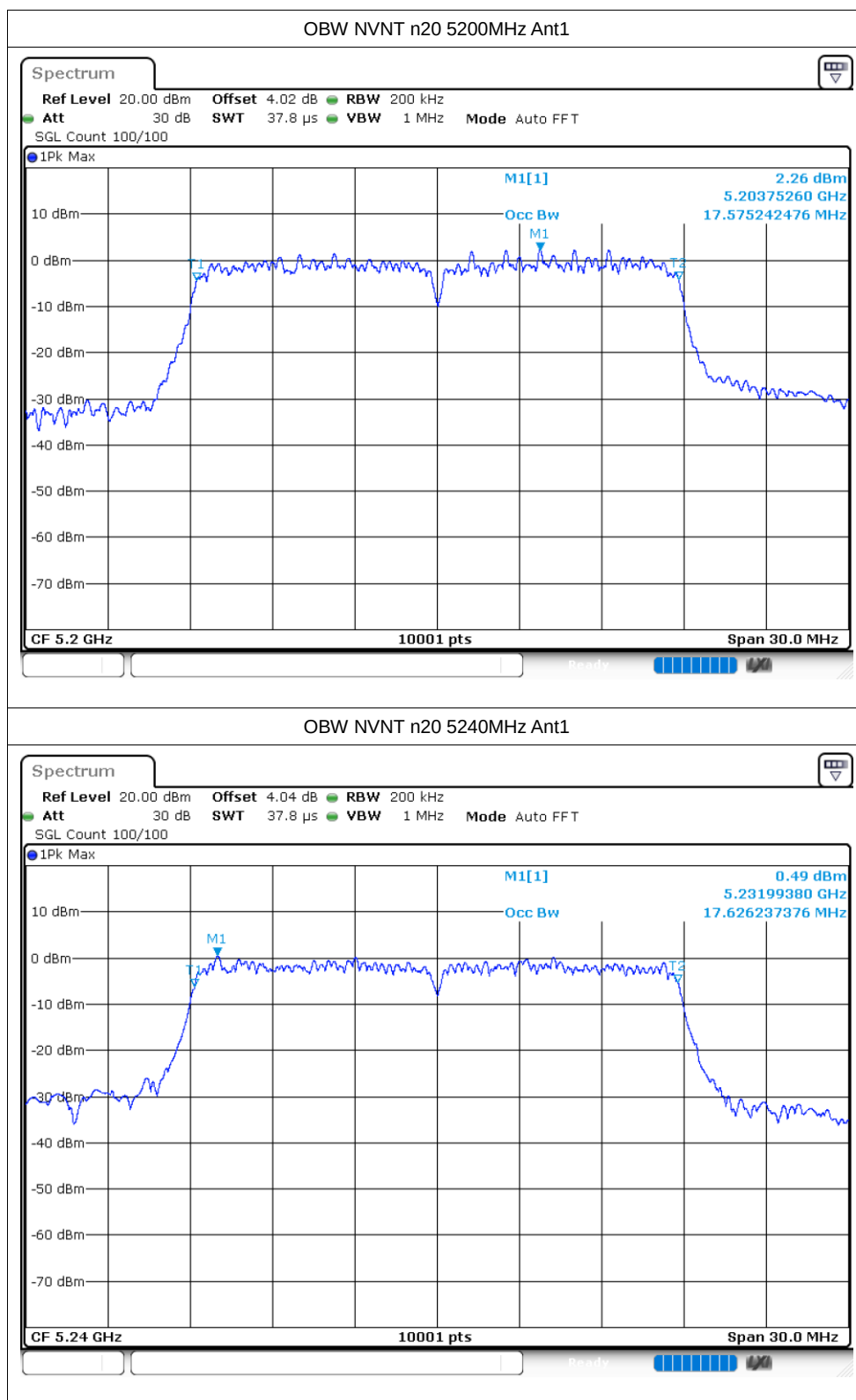
OBW NVNT a 5180MHz Ant1

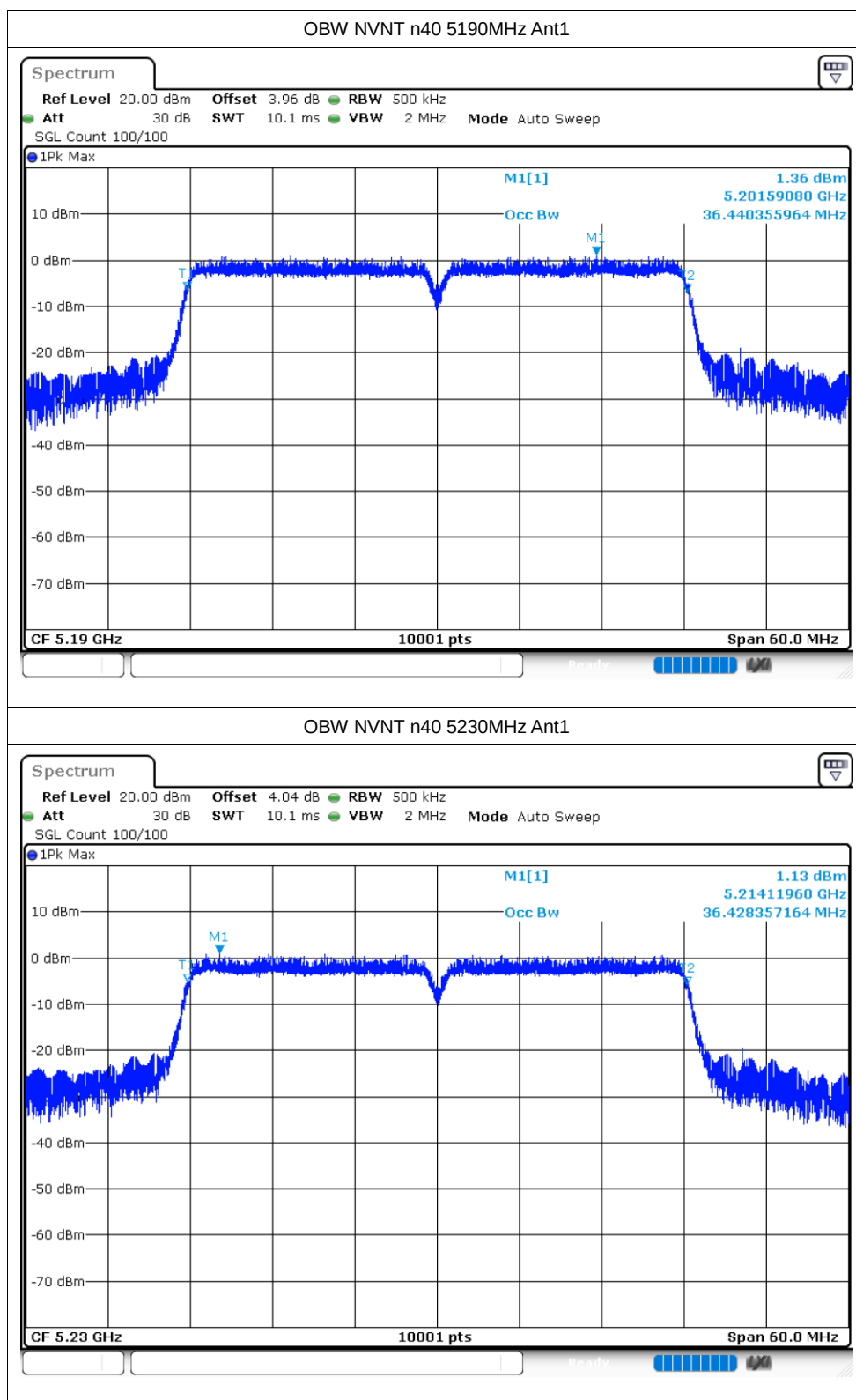


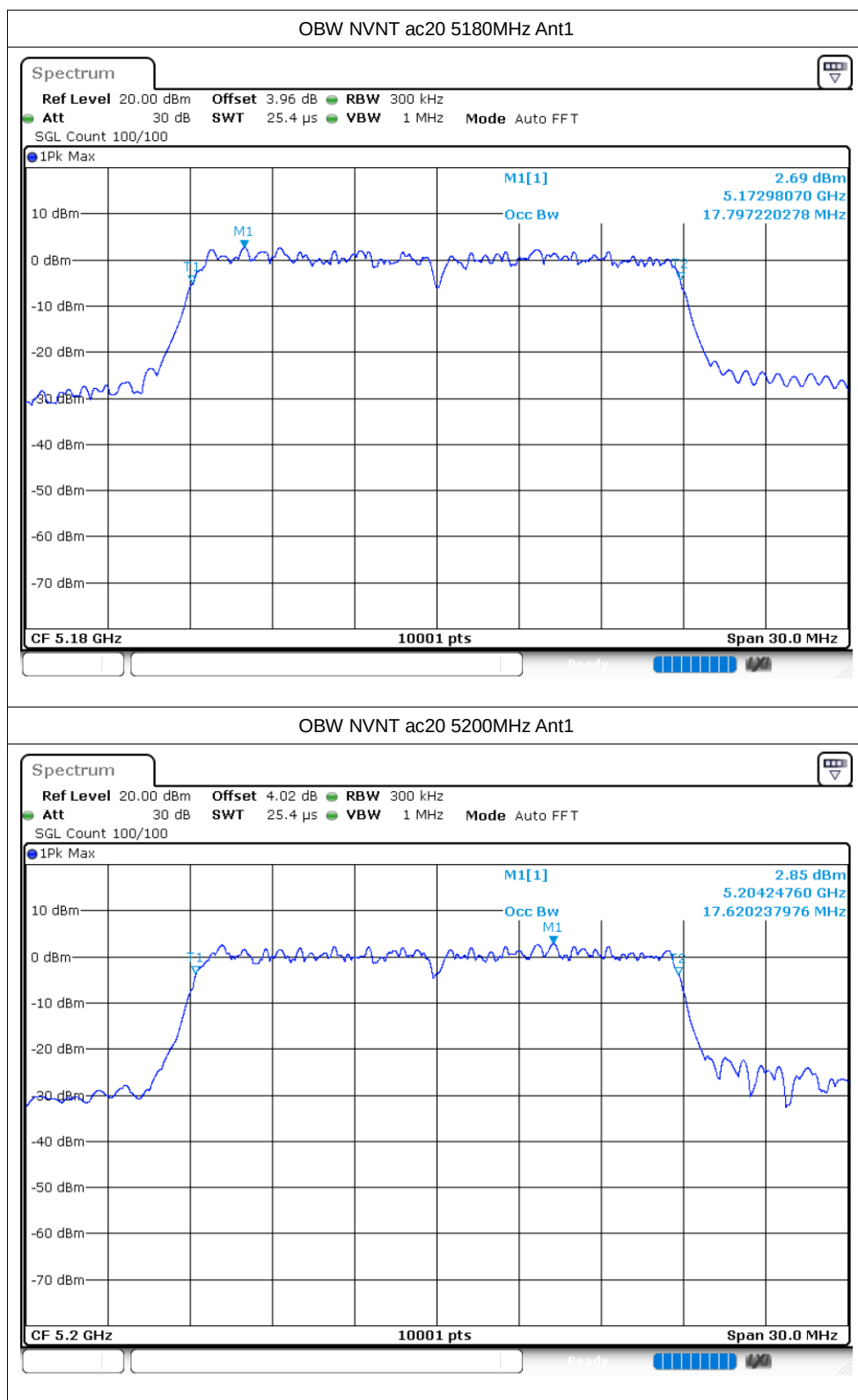
OBW NVNT a 5200MHz Ant1

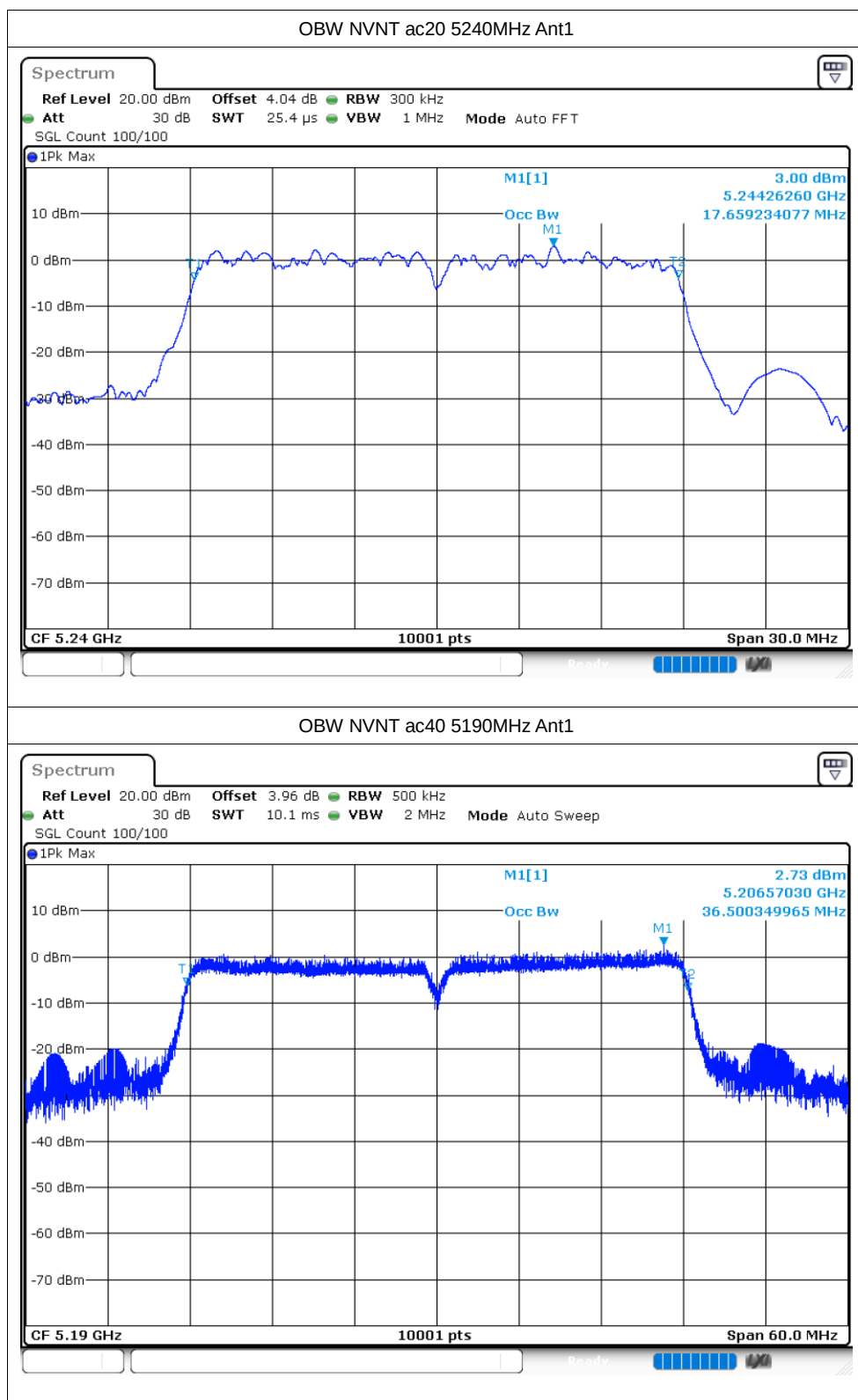


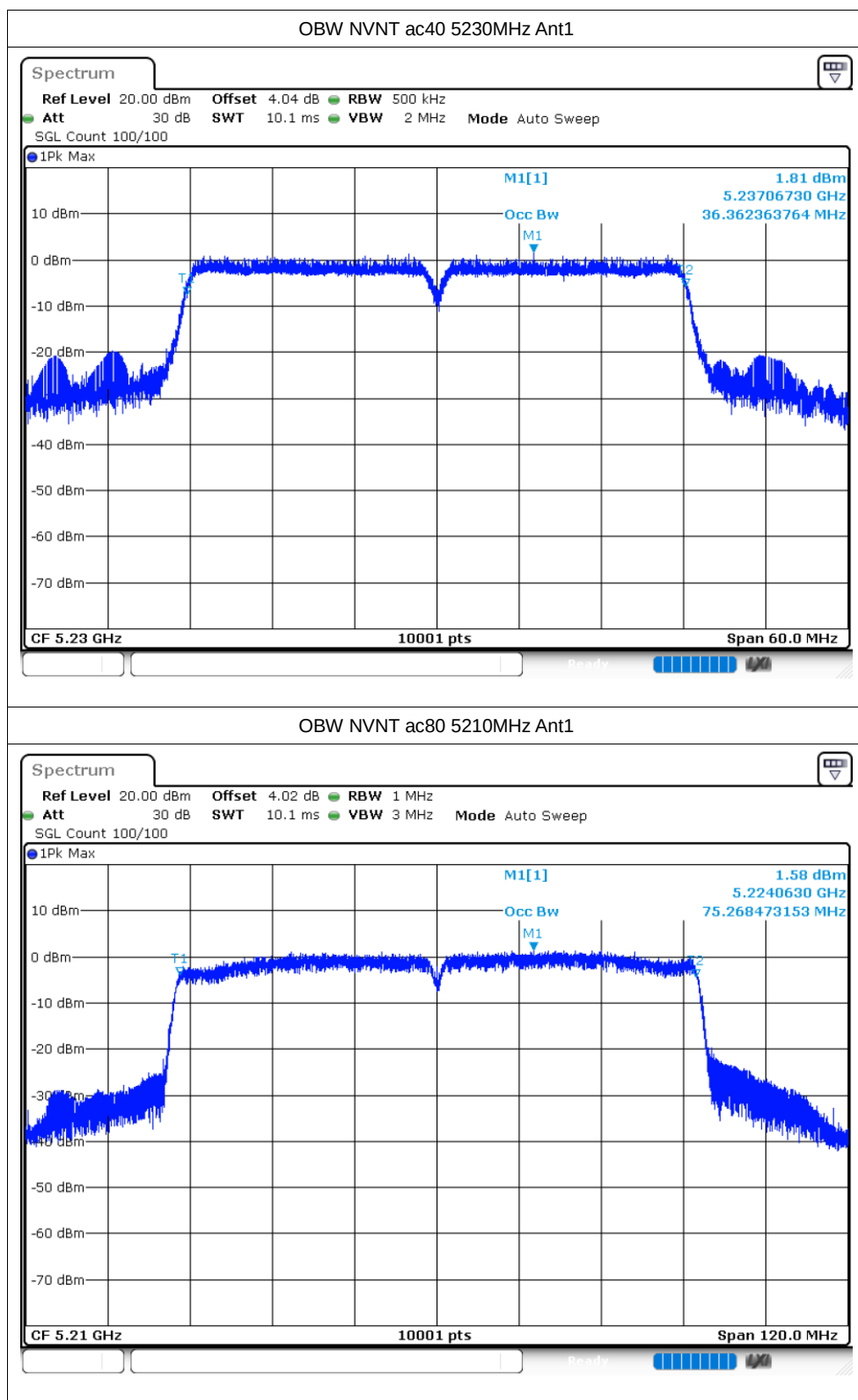










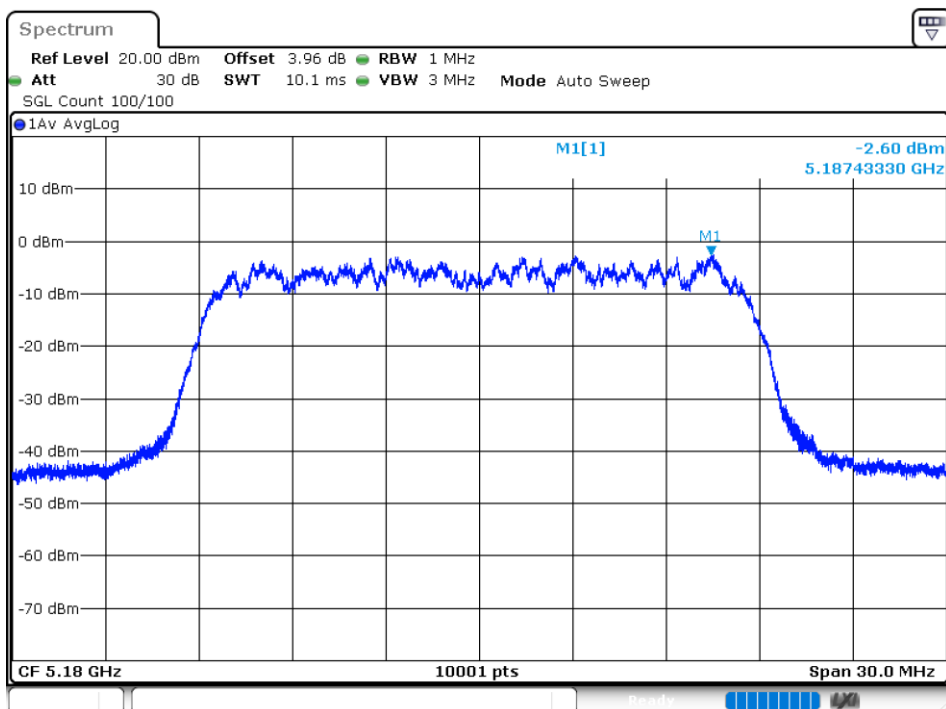


Maximum Power Spectral Density Level

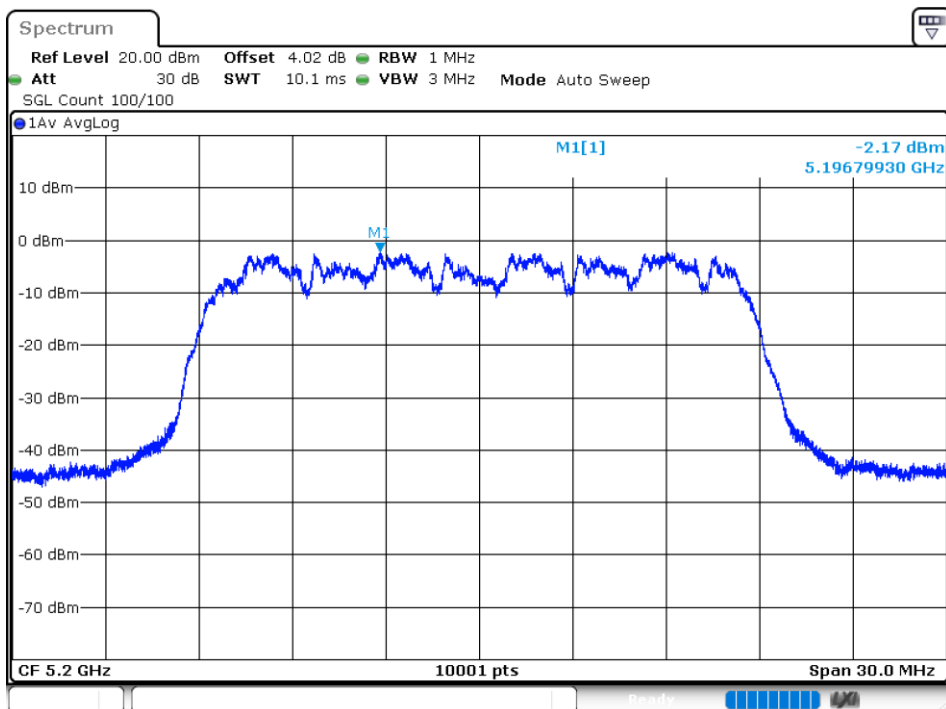
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-2.6	0.43	-2.17	11	Pass
NVNT	a	5200	Ant1	-2.17	0.41	-1.76	11	Pass
NVNT	a	5240	Ant1	-0.88	0.38	-0.5	11	Pass
NVNT	n20	5180	Ant1	-2.23	0.49	-1.74	11	Pass
NVNT	n20	5200	Ant1	-2.87	0.46	-2.41	11	Pass
NVNT	n20	5240	Ant1	-2.7	0.46	-2.24	11	Pass
NVNT	n40	5190	Ant1	-11.17	0.86	-10.31	11	Pass
NVNT	n40	5230	Ant1	-11.34	0.86	-10.48	11	Pass
NVNT	ac20	5180	Ant1	-3.31	0.47	-2.84	11	Pass
NVNT	ac20	5200	Ant1	-3	0.47	-2.53	11	Pass
NVNT	ac20	5240	Ant1	-3.76	0.47	-3.29	11	Pass
NVNT	ac40	5190	Ant1	-10.89	0.88	-10.01	11	Pass
NVNT	ac40	5230	Ant1	-11.6	0.86	-10.74	11	Pass
NVNT	ac80	5210	Ant1	-18.22	1.59	-16.63	11	Pass

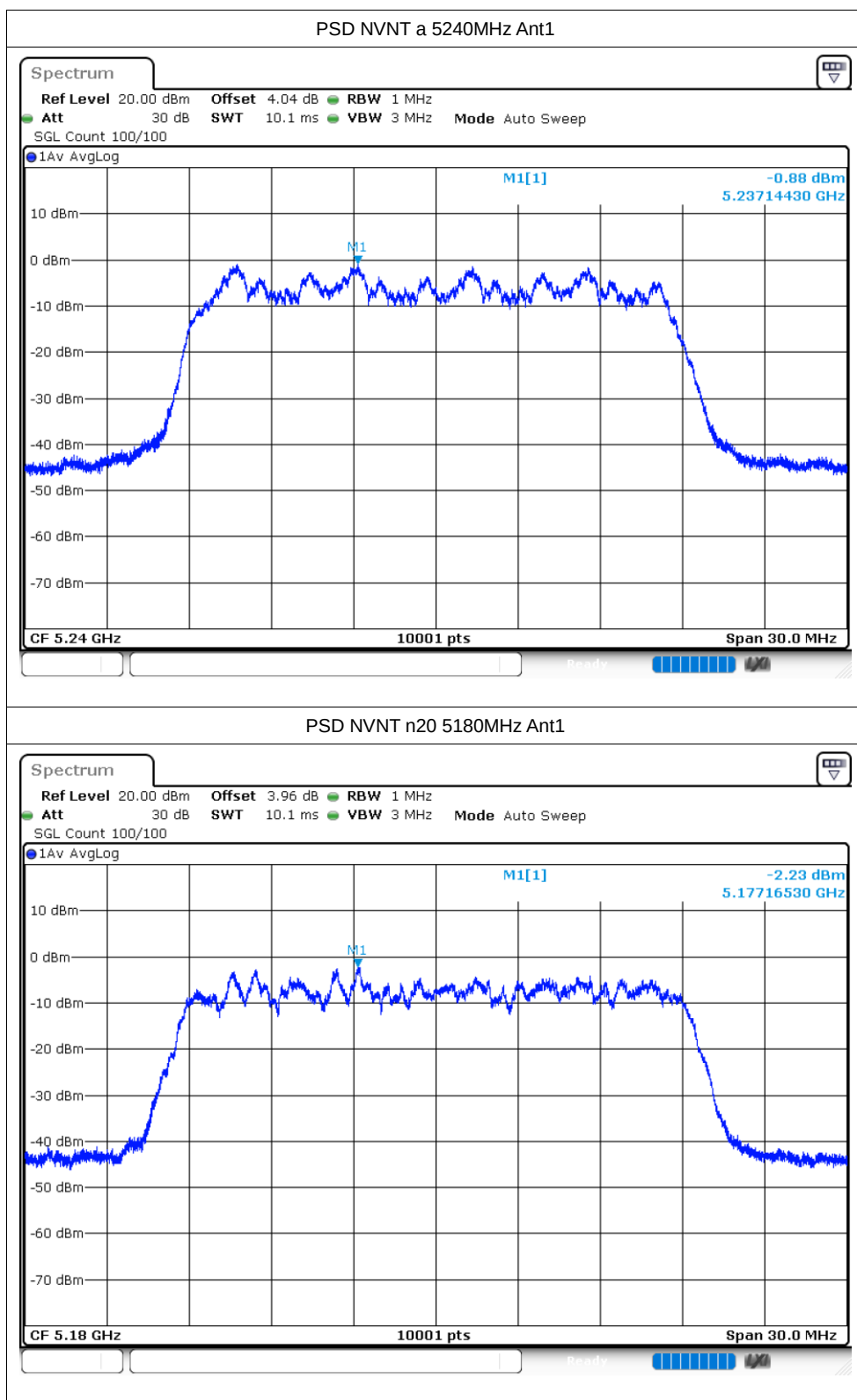
Test Graphs

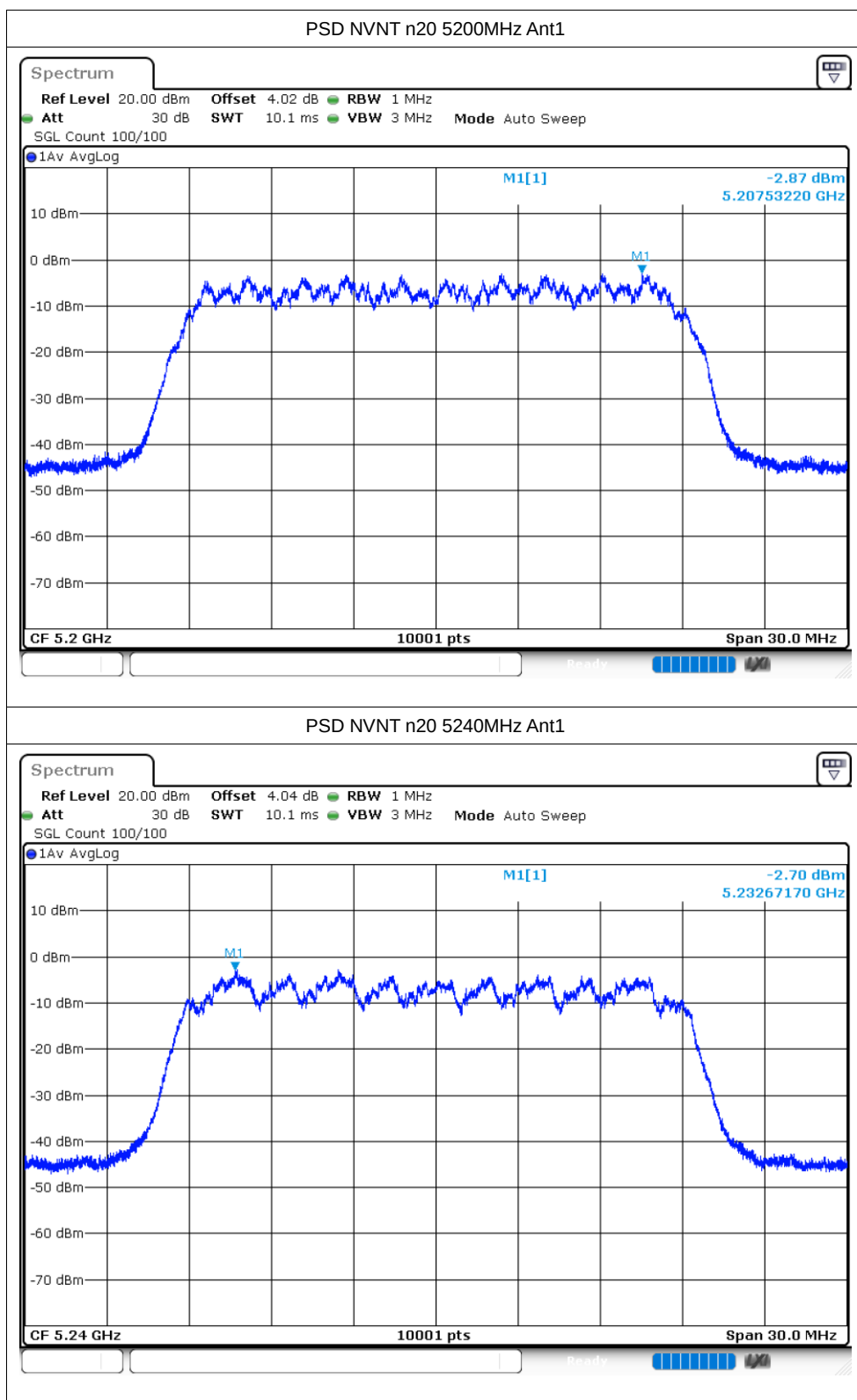
PSD NVNT a 5180MHz Ant1

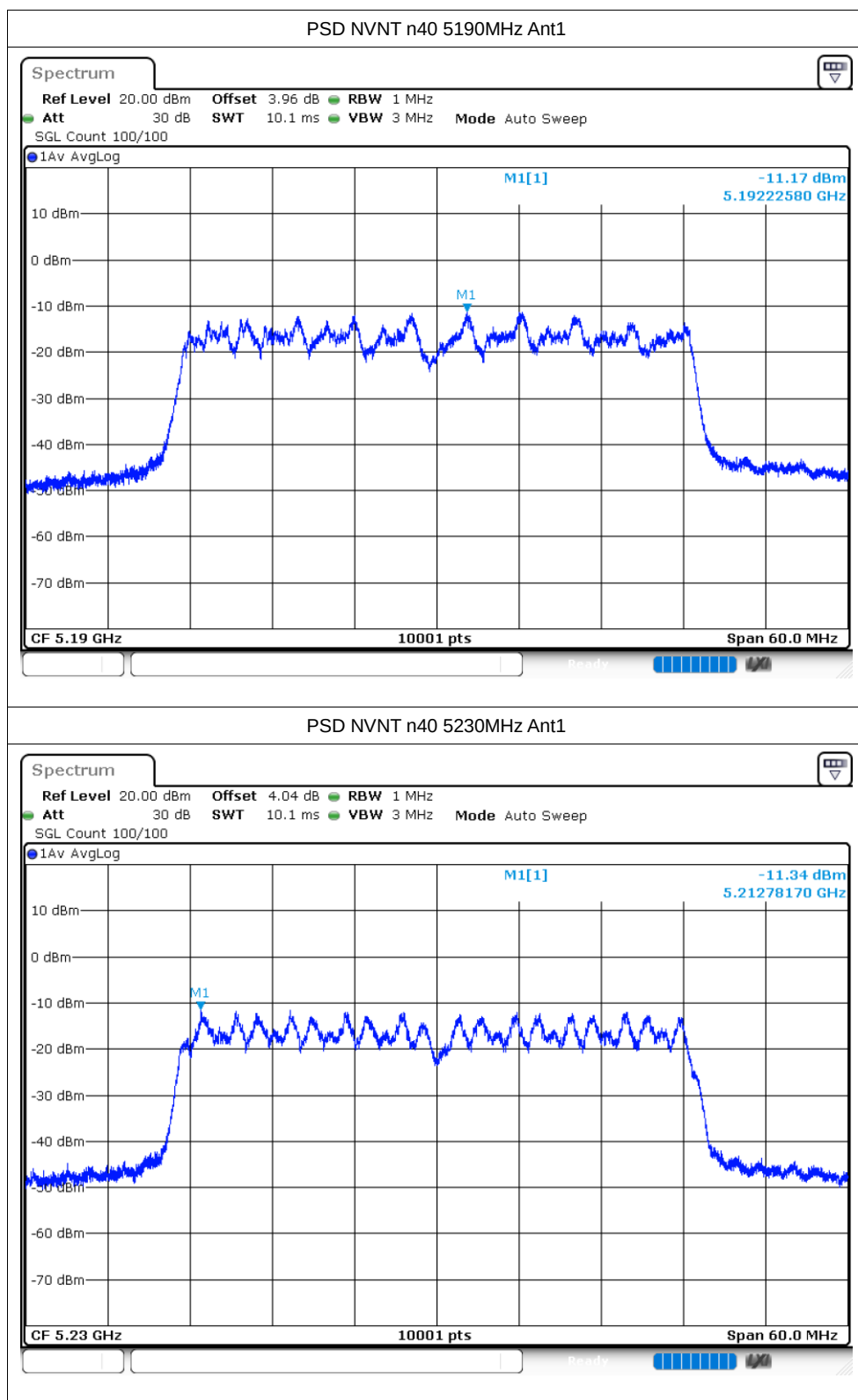


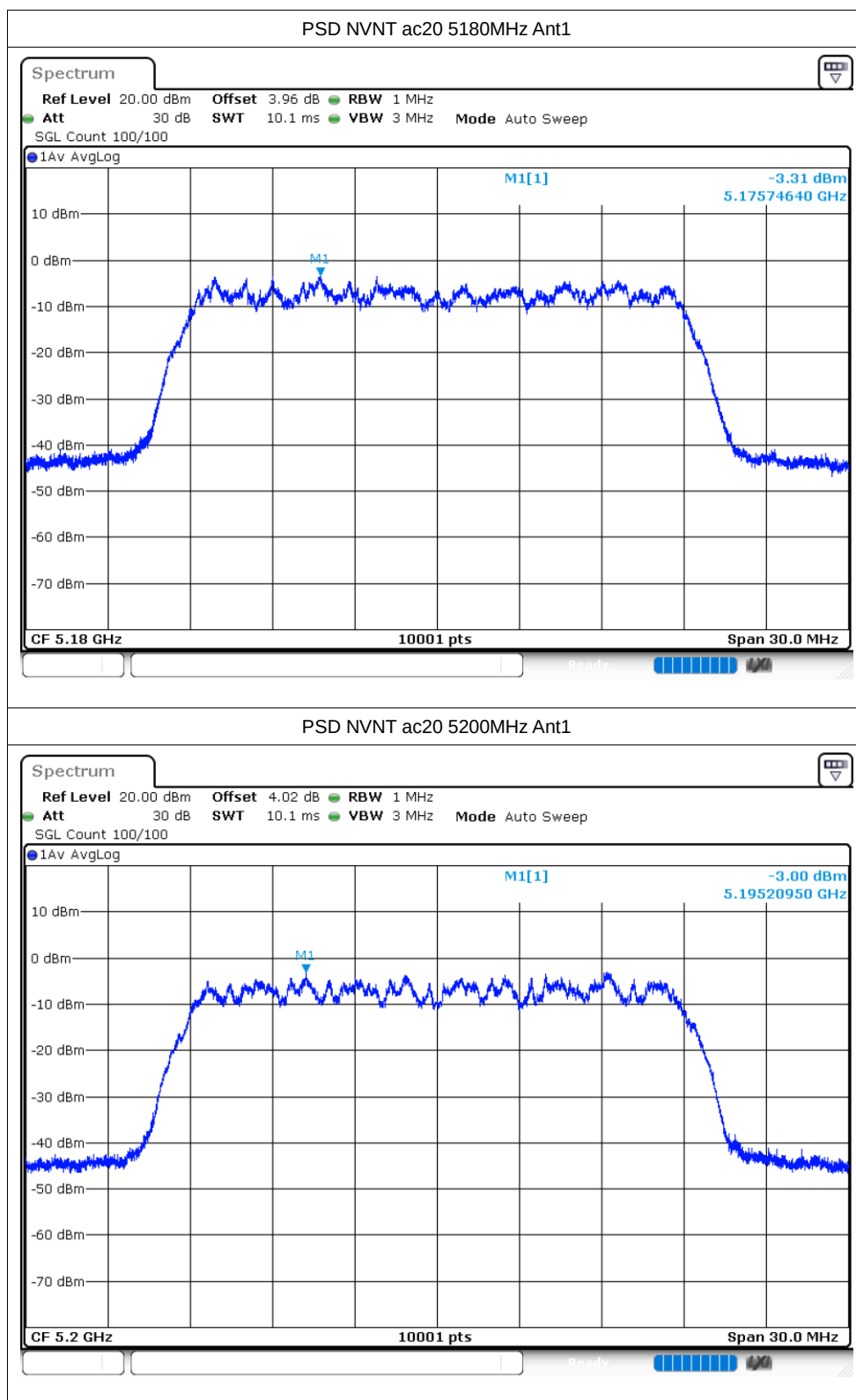
PSD NVNT a 5200MHz Ant1

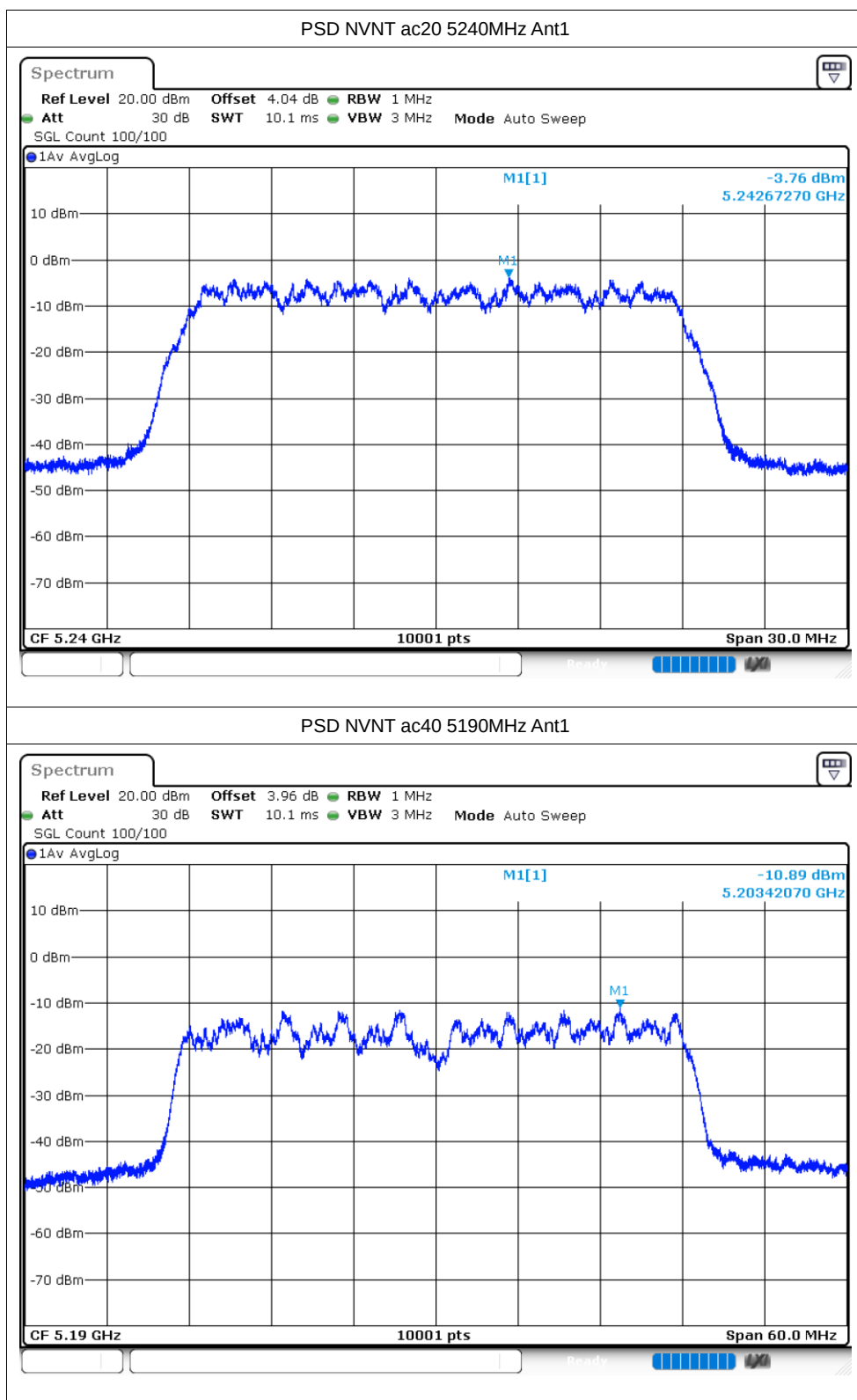


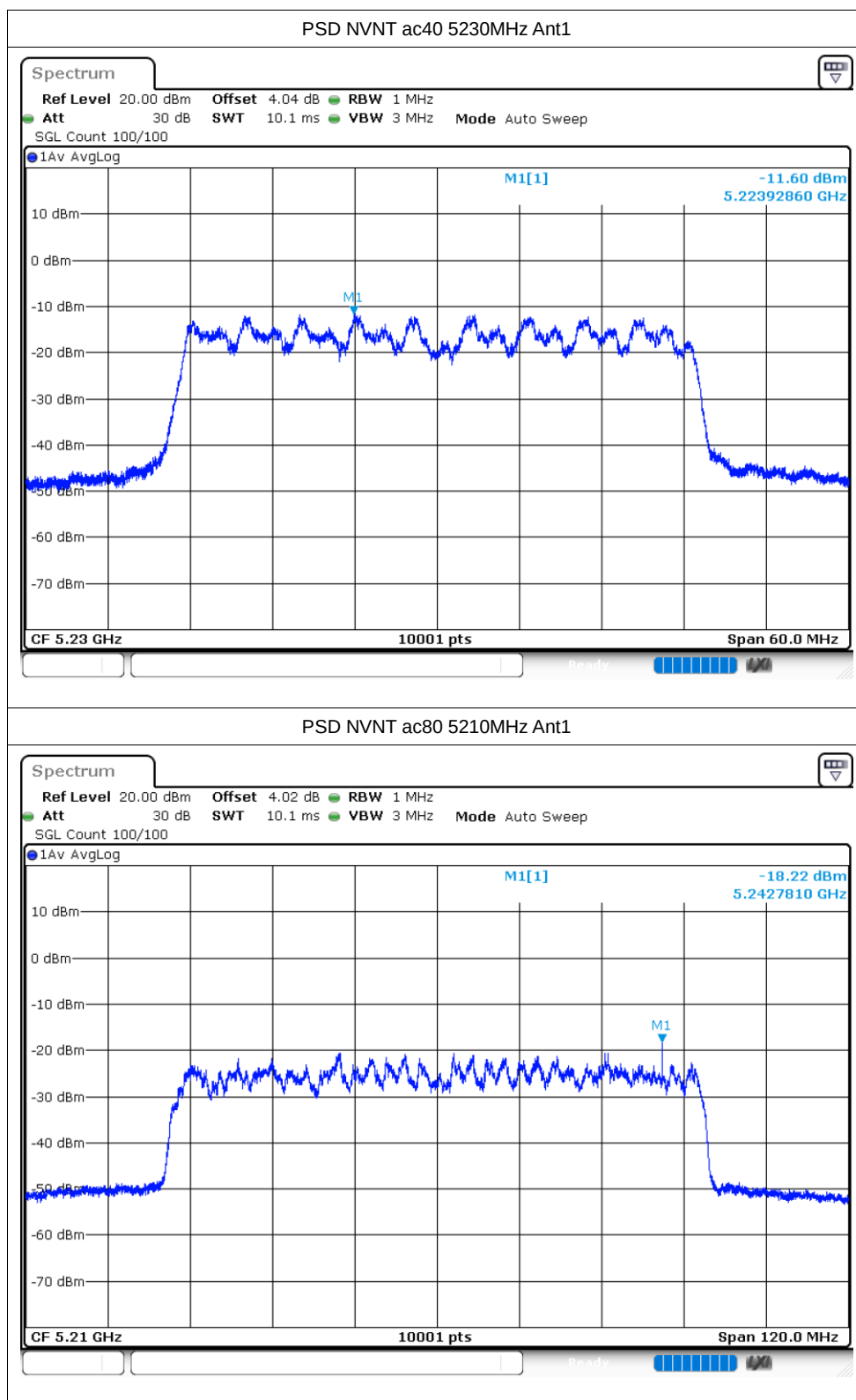












WIFI 5.8G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	91.44	0.39	0.72
NVNT	a	5785	Ant1	91.13	0.4	0.72
NVNT	a	5825	Ant1	97.49	0.11	100
NVNT	n20	5745	Ant1	89.92	0.46	0.85
NVNT	n20	5785	Ant1	90.01	0.46	0.85
NVNT	n20	5825	Ant1	90.09	0.45	0.85
NVNT	n40	5755	Ant1	82.37	0.84	1.69
NVNT	n40	5795	Ant1	94.14	0.26	∞
NVNT	ac20	5745	Ant1	89.67	0.47	0.84
NVNT	ac20	5785	Ant1	89.82	0.47	0.85
NVNT	ac20	5825	Ant1	89.84	0.47	0.85
NVNT	ac40	5755	Ant1	82.38	0.84	1.67
NVNT	ac40	5795	Ant1	81.89	0.87	1.69
NVNT	ac80	5775	Ant1	69.92	1.55	3.33

