

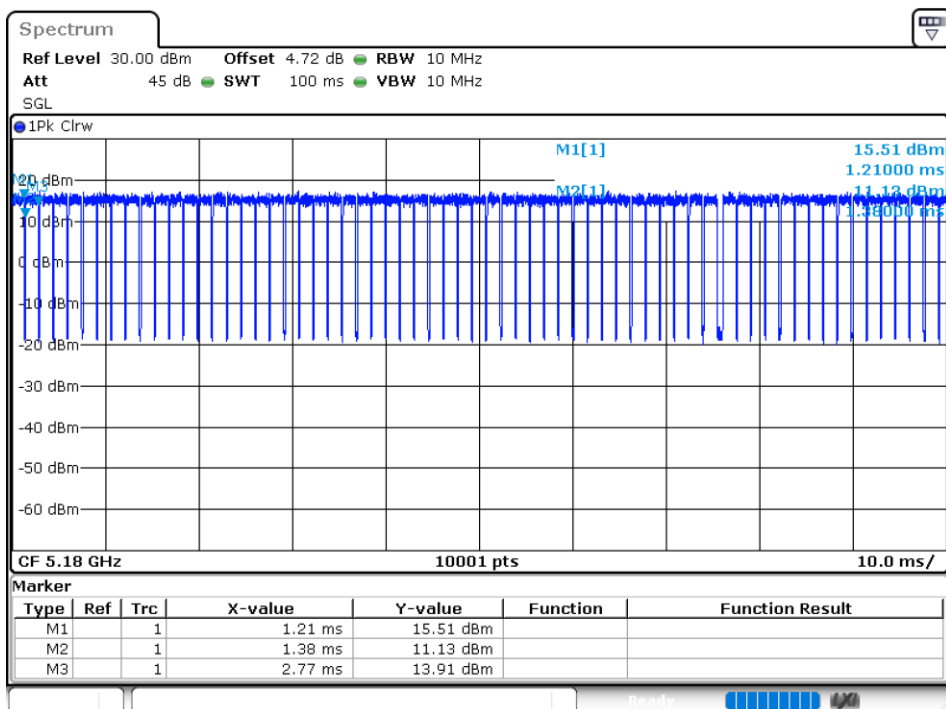
WIFI 5.2G

Duty Cycle

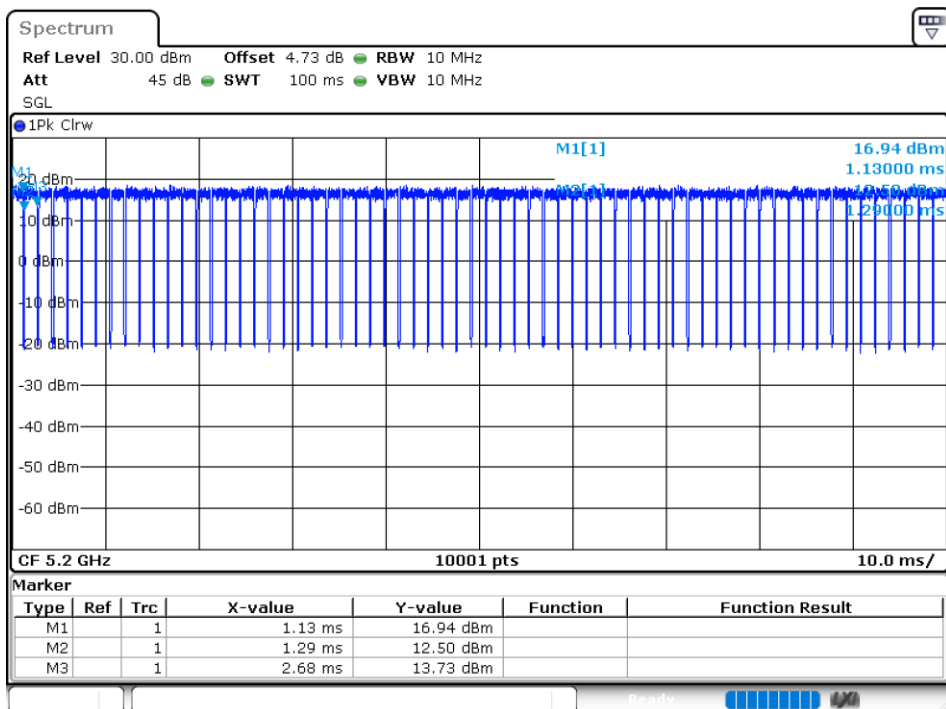
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	90.33	0.44	0.72
NVNT	a	5200	Ant1	90.77	0.42	0.72
NVNT	a	5240	Ant1	90.76	0.42	0.72
NVNT	n20	5180	Ant1	88.77	0.52	0.85
NVNT	n20	5200	Ant1	89.17	0.5	0.85
NVNT	n20	5240	Ant1	89.23	0.49	0.85
NVNT	n40	5190	Ant1	80.81	0.93	1.69
NVNT	n40	5230	Ant1	80.8	0.93	1.69
NVNT	ac20	5180	Ant1	88.81	0.52	0.84
NVNT	ac20	5200	Ant1	89.31	0.49	0.84
NVNT	ac20	5240	Ant1	89.31	0.49	0.85
NVNT	ac40	5190	Ant1	80.62	0.94	1.69
NVNT	ac40	5230	Ant1	80.66	0.93	1.69
NVNT	ac80	5210	Ant1	68.35	1.65	3.33

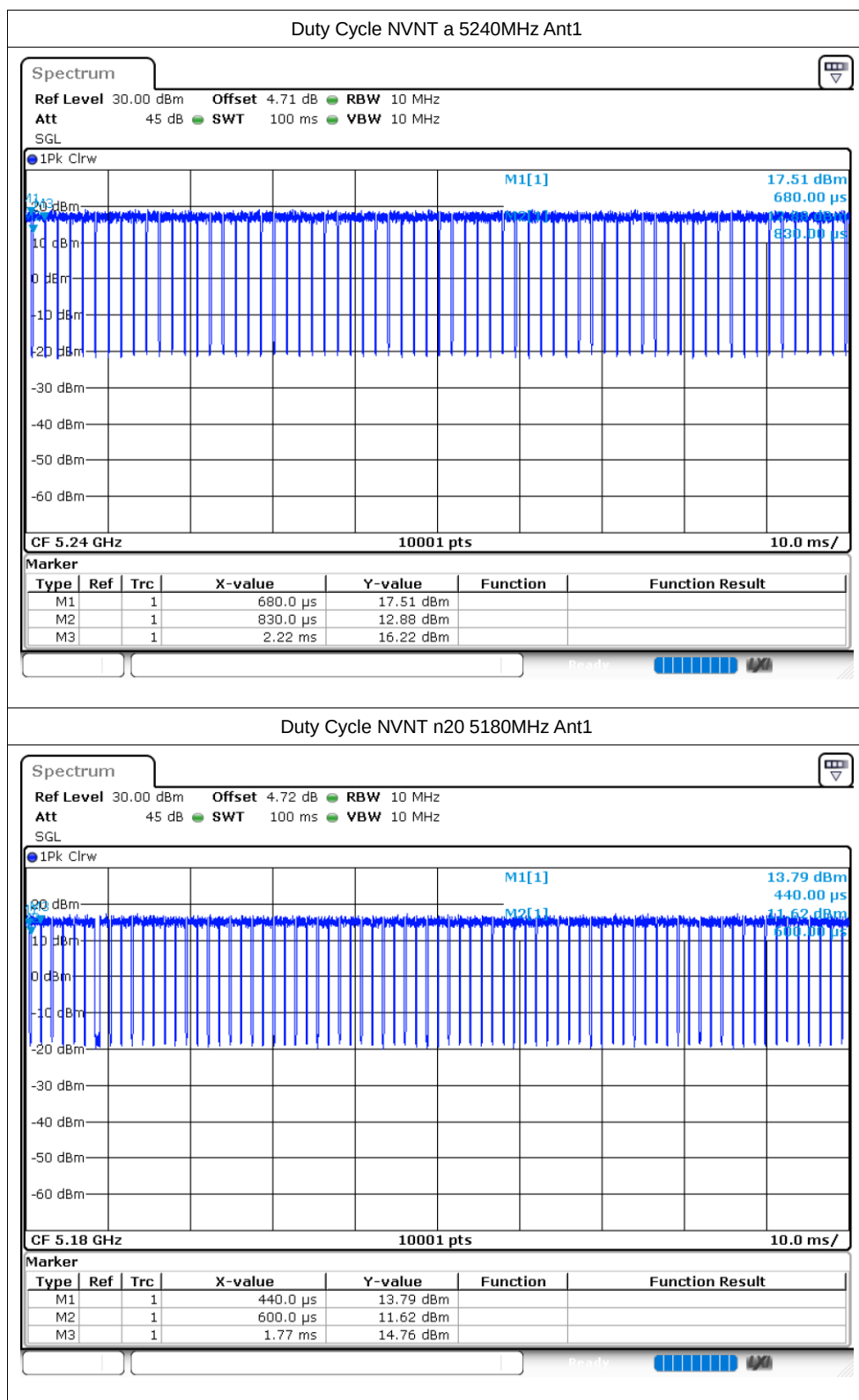
Test Graphs

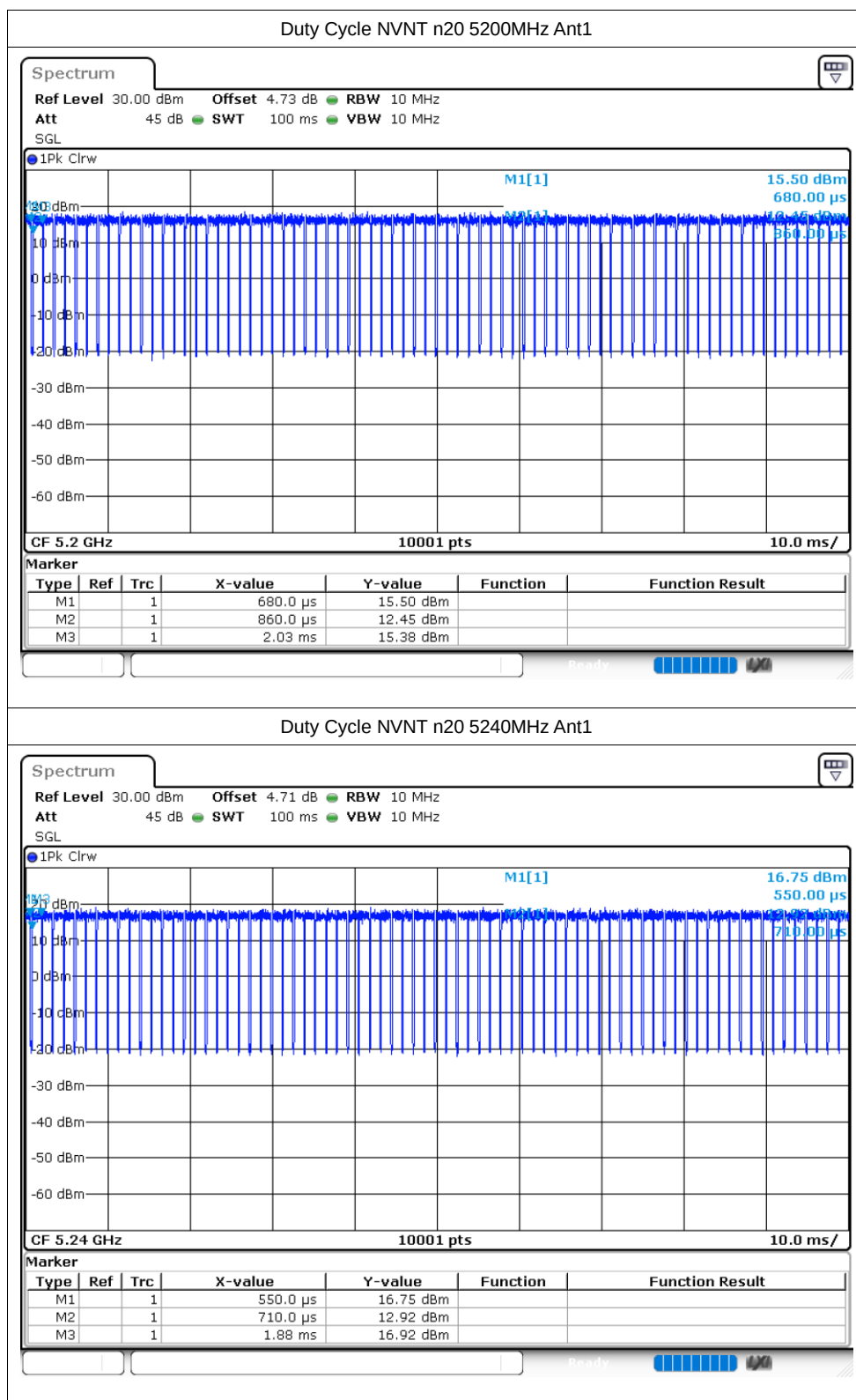
Duty Cycle NVNT a 5180MHz Ant1

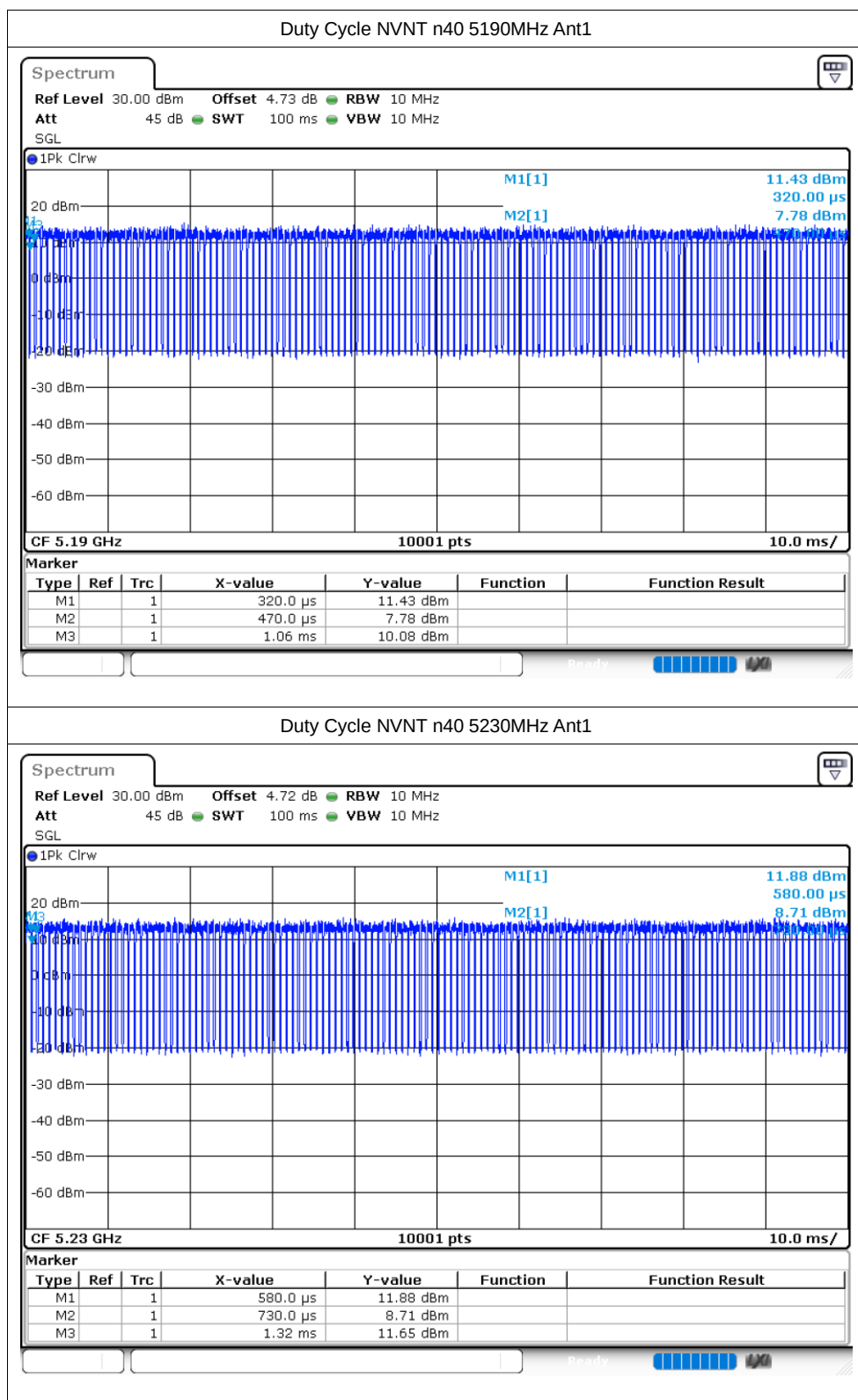


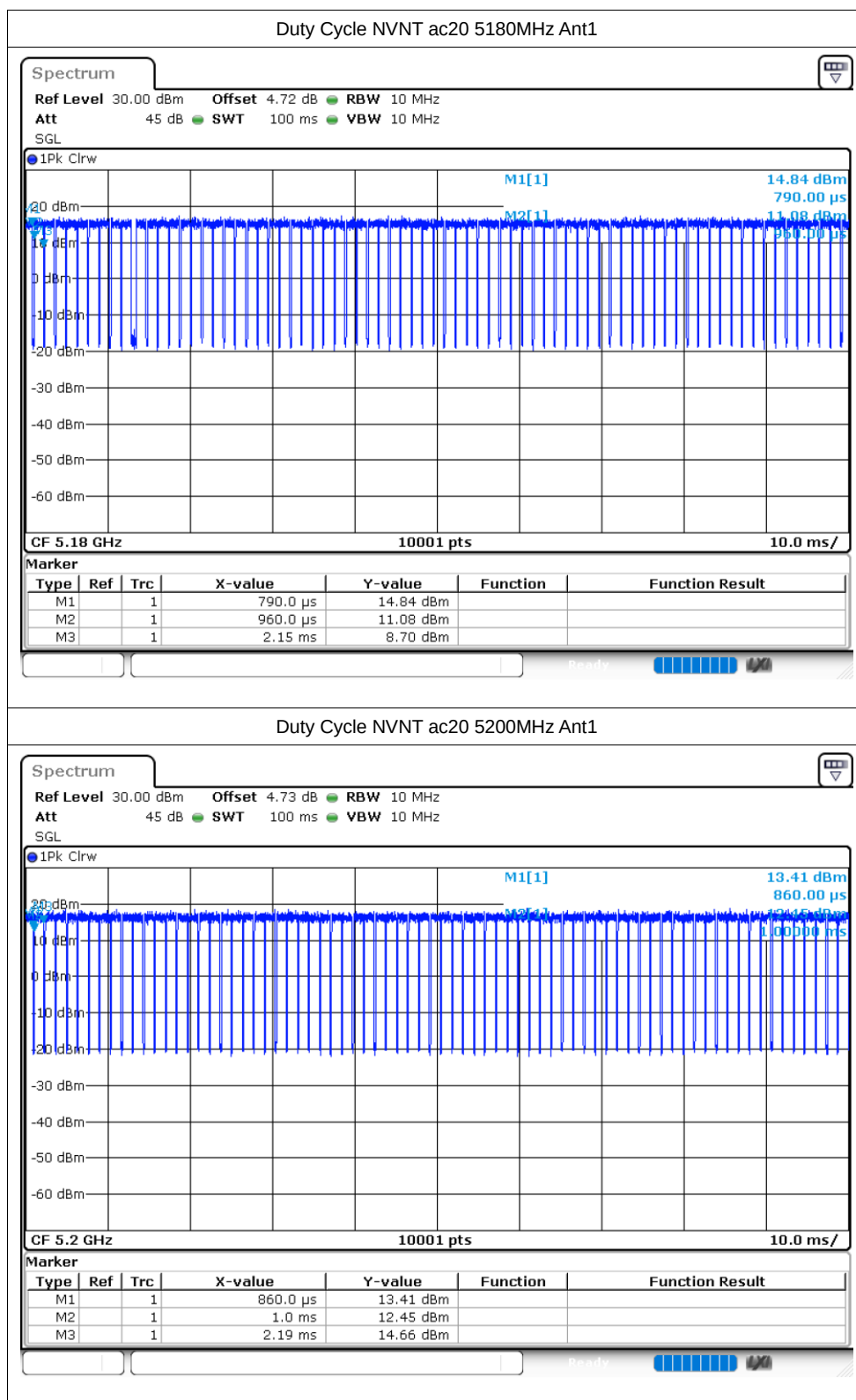
Duty Cycle NVNT a 5200MHz Ant1

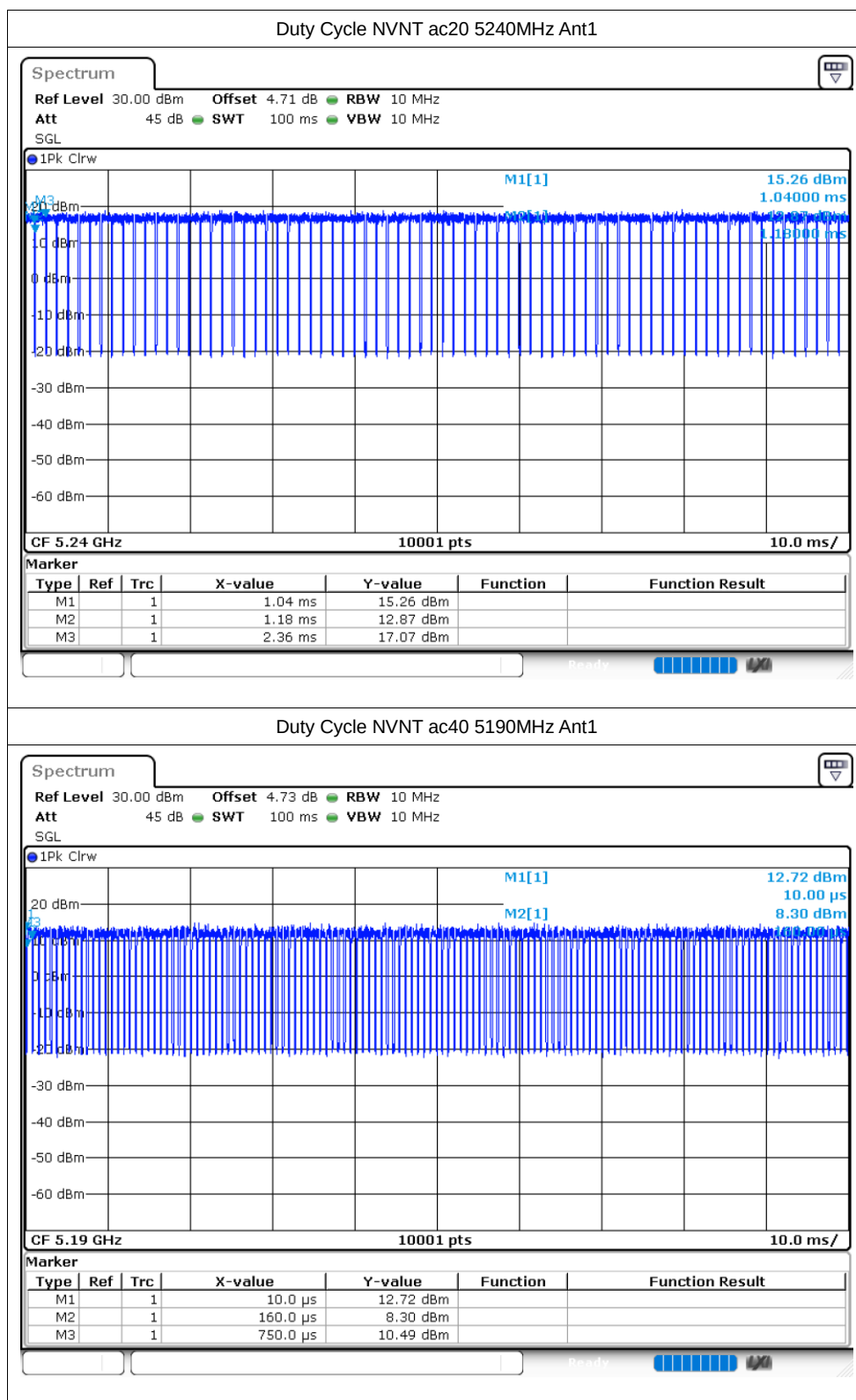


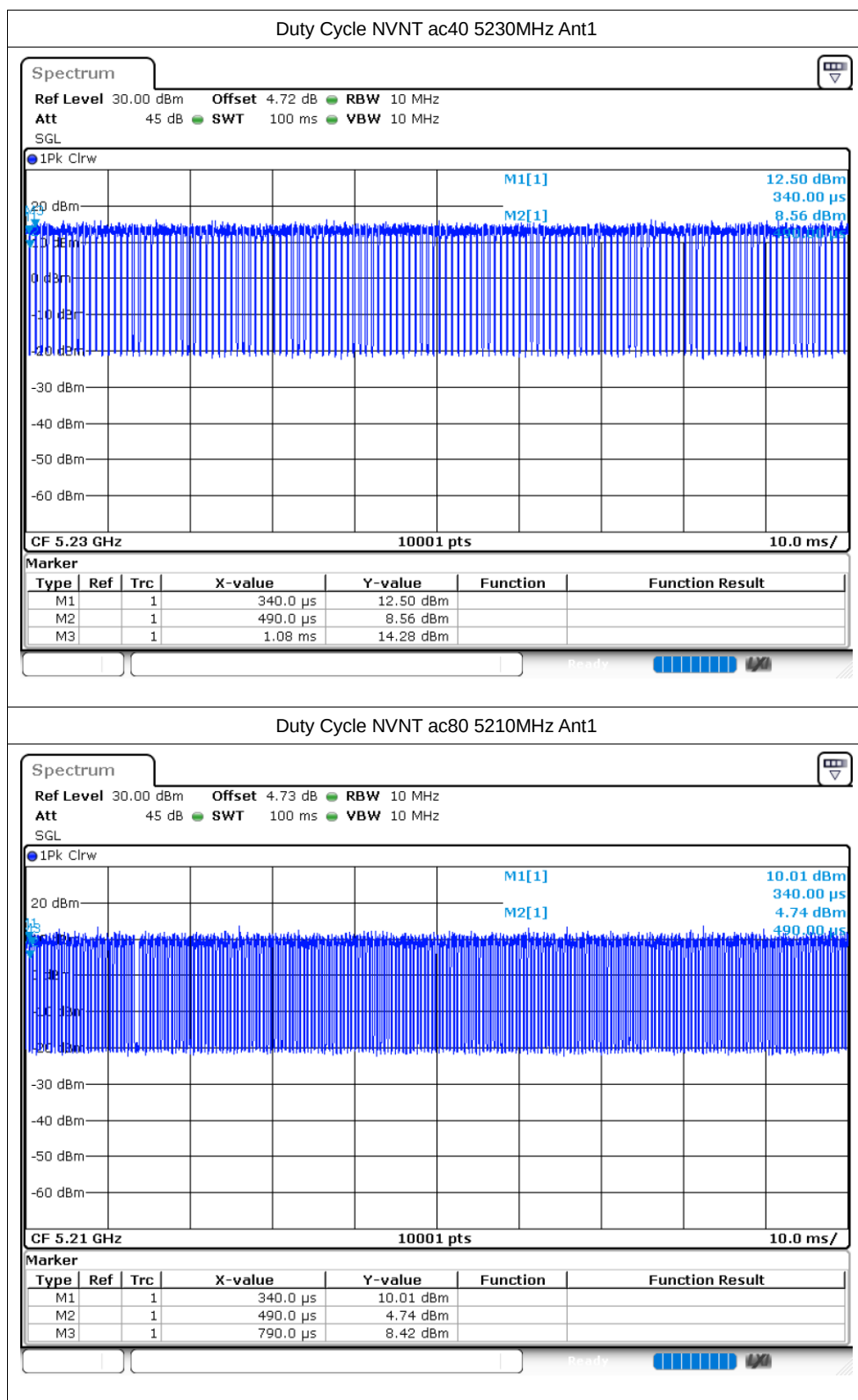












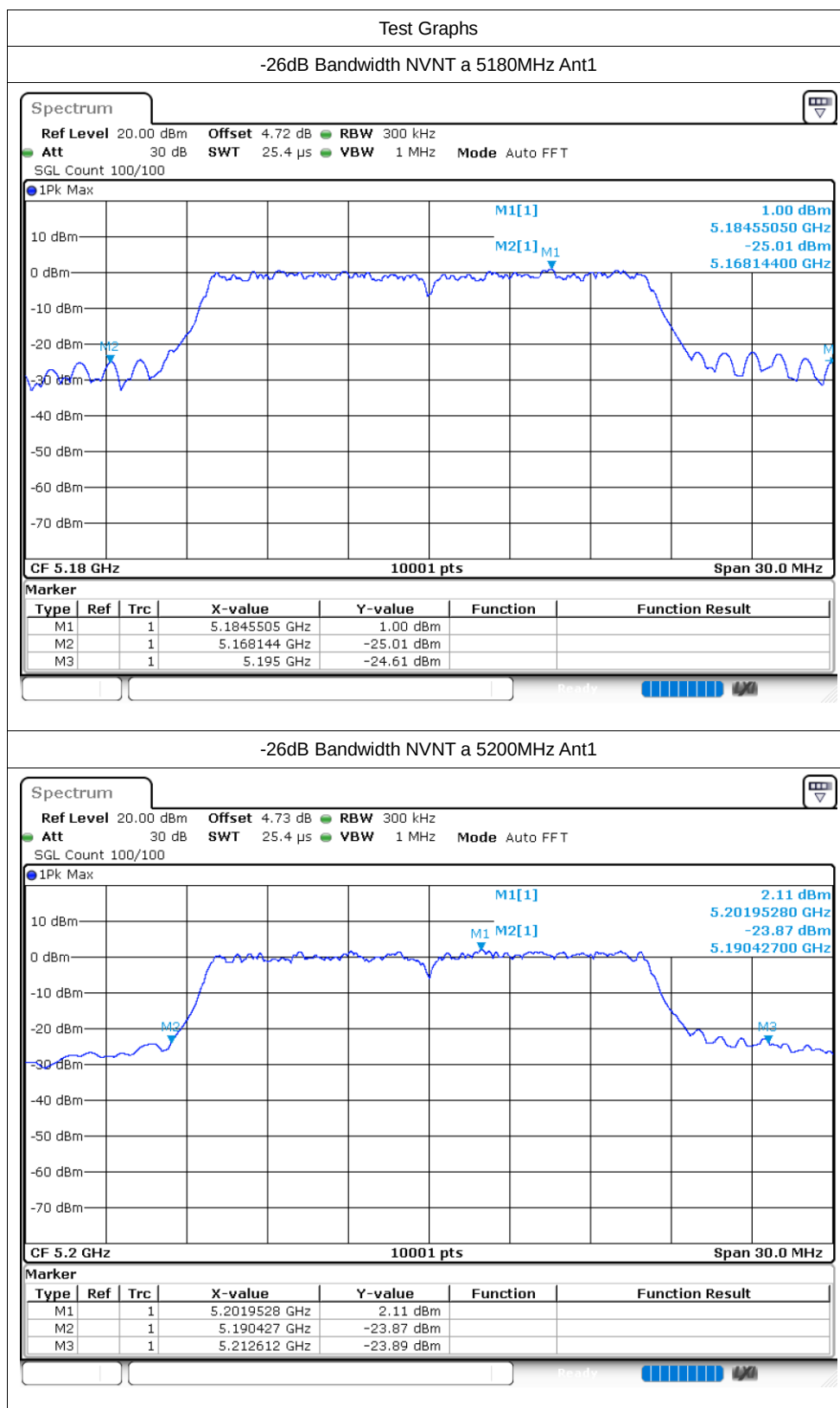
Maximum Conducted Output Power

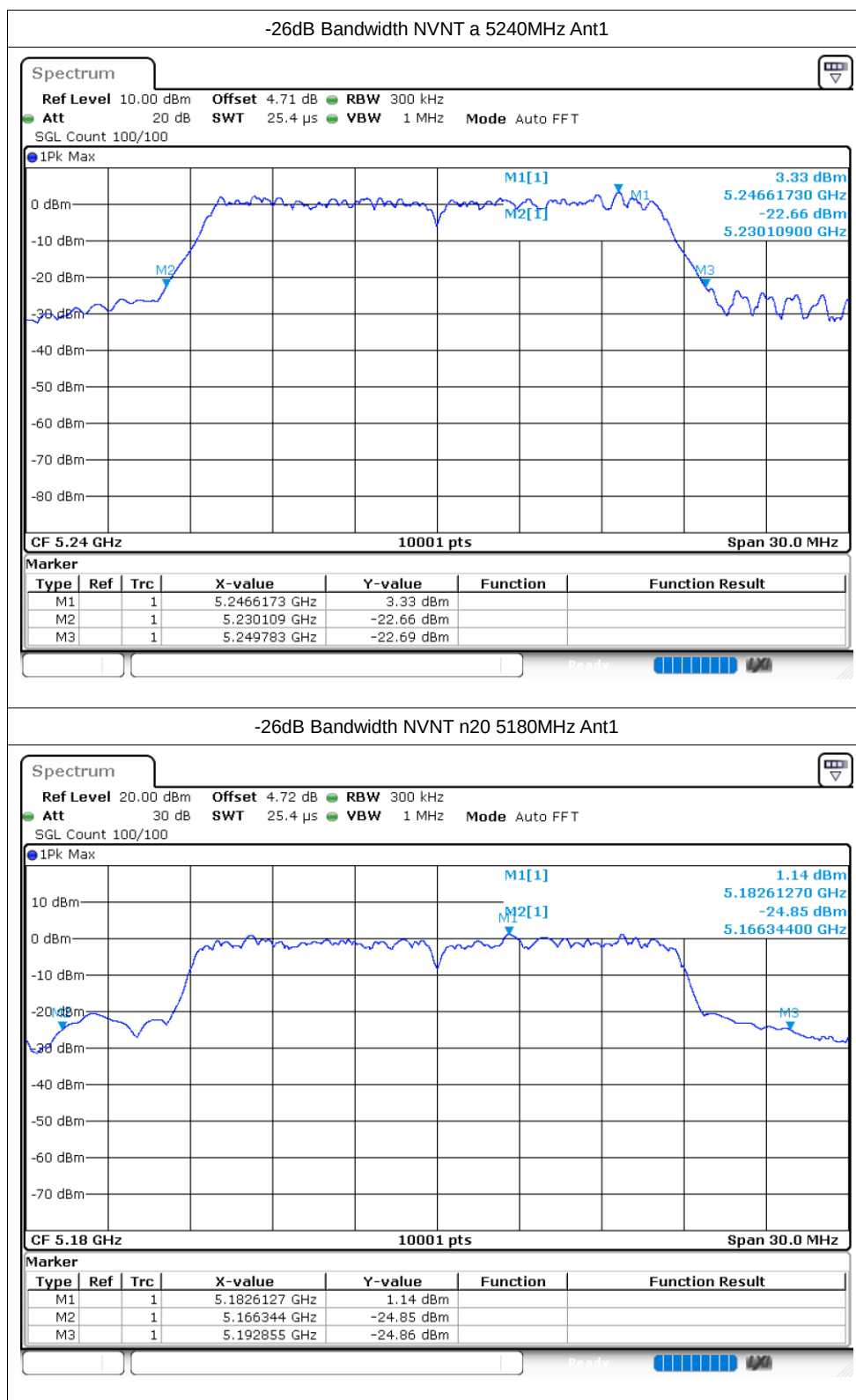
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.38	24	Pass
NVNT	a	5200	Ant1	11.73	24	Pass
NVNT	a	5240	Ant1	12.74	24	Pass
NVNT	n20	5180	Ant1	11.73	24	Pass
NVNT	n20	5200	Ant1	11.79	24	Pass
NVNT	n20	5240	Ant1	12.74	24	Pass
NVNT	n40	5190	Ant1	11.2	24	Pass
NVNT	n40	5230	Ant1	12.12	24	Pass
NVNT	ac20	5180	Ant1	11.47	24	Pass
NVNT	ac20	5200	Ant1	12.03	24	Pass
NVNT	ac20	5240	Ant1	12.57	24	Pass
NVNT	ac40	5190	Ant1	11.32	24	Pass
NVNT	ac40	5230	Ant1	11.8	24	Pass
NVNT	ac80	5210	Ant1	11.54	24	Pass

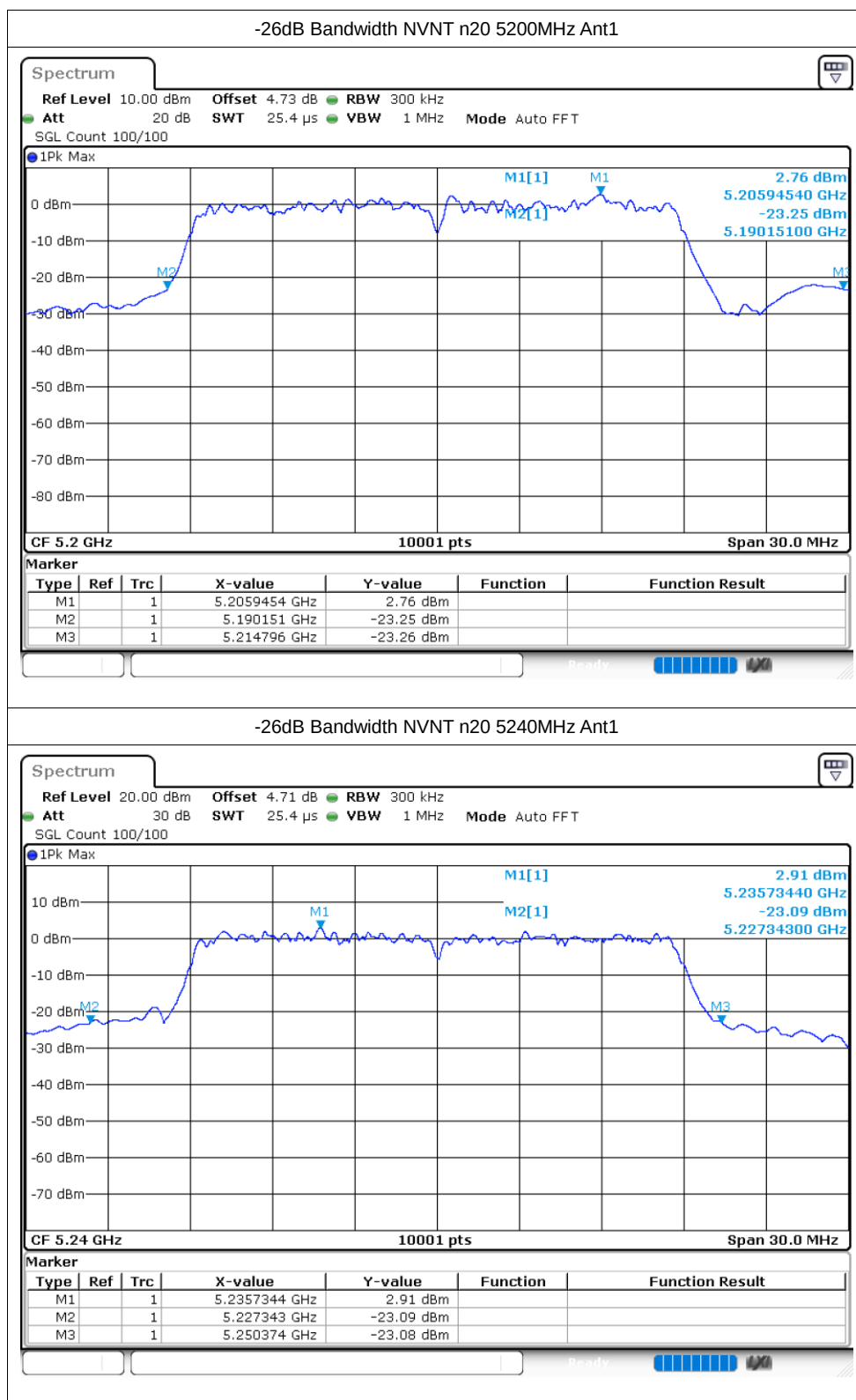
Note: The average power value already includes the duty cycle factor.

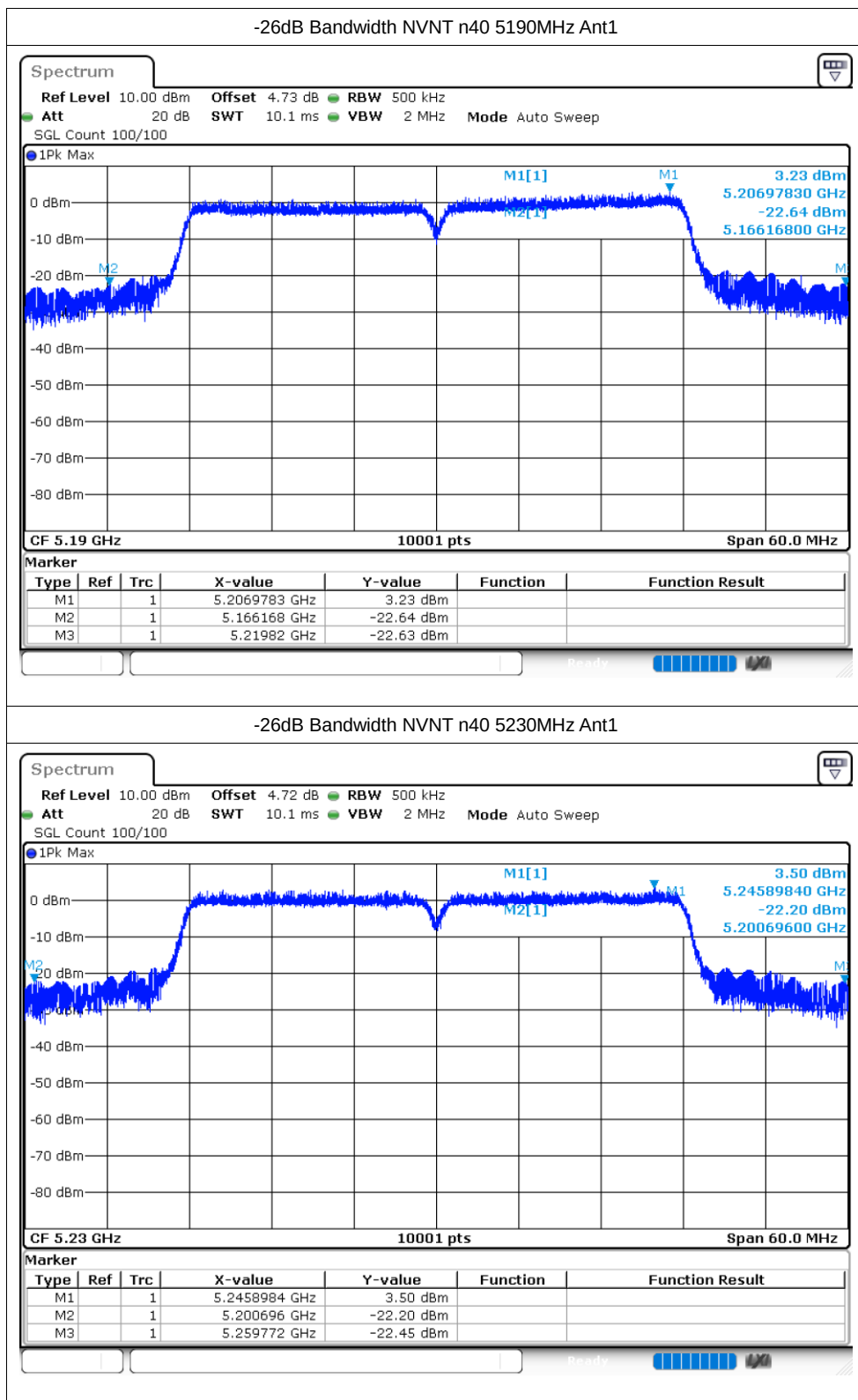
-26dB Bandwidth

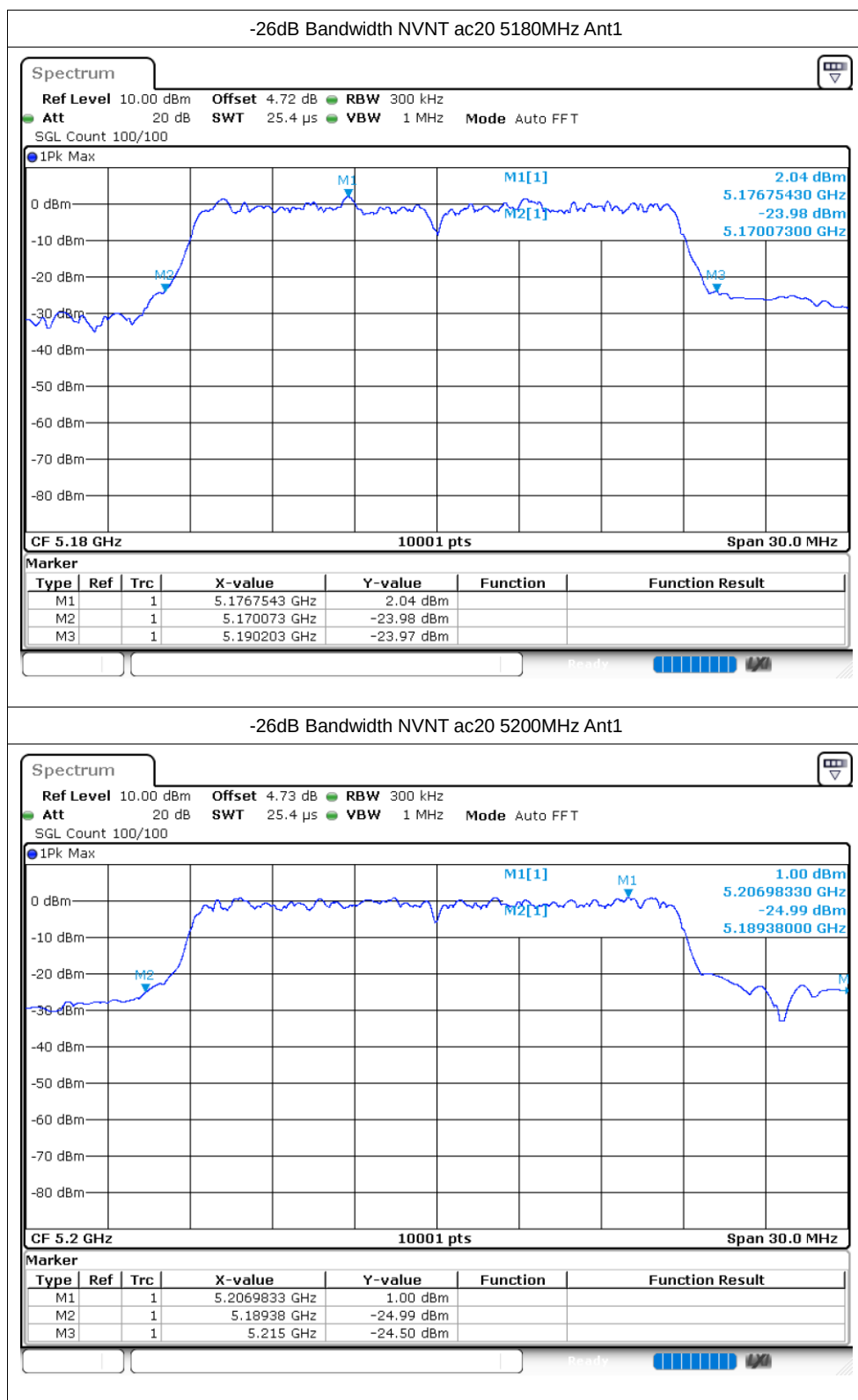
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	26.856	Pass
NVNT	a	5200	Ant1	22.185	Pass
NVNT	a	5240	Ant1	19.674	Pass
NVNT	n20	5180	Ant1	26.511	Pass
NVNT	n20	5200	Ant1	24.645	Pass
NVNT	n20	5240	Ant1	23.031	Pass
NVNT	n40	5190	Ant1	53.652	Pass
NVNT	n40	5230	Ant1	59.076	Pass
NVNT	ac20	5180	Ant1	20.13	Pass
NVNT	ac20	5200	Ant1	25.62	Pass
NVNT	ac20	5240	Ant1	20.184	Pass
NVNT	ac40	5190	Ant1	54.828	Pass
NVNT	ac40	5230	Ant1	54.78	Pass
NVNT	ac80	5210	Ant1	89.04	Pass

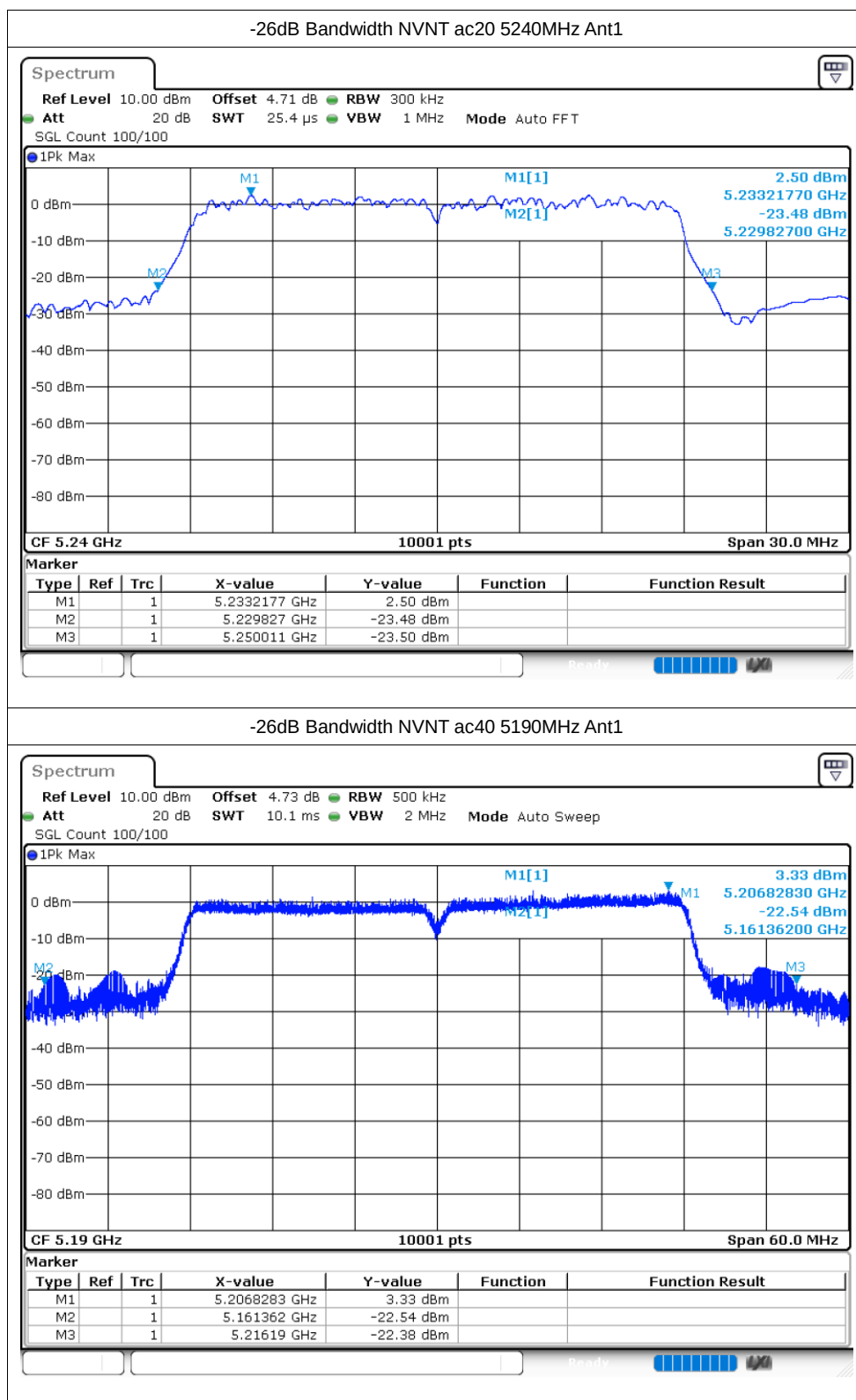


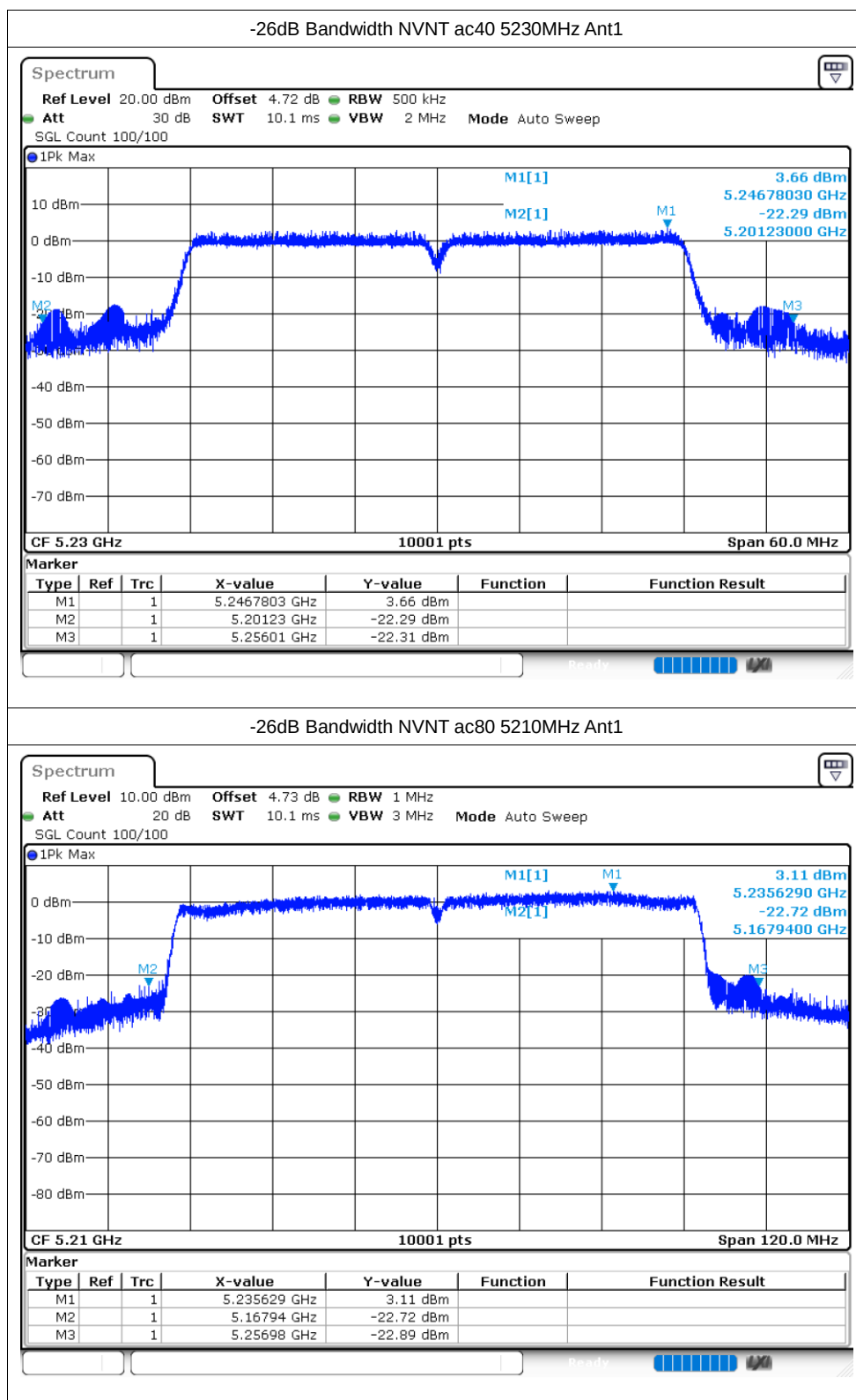










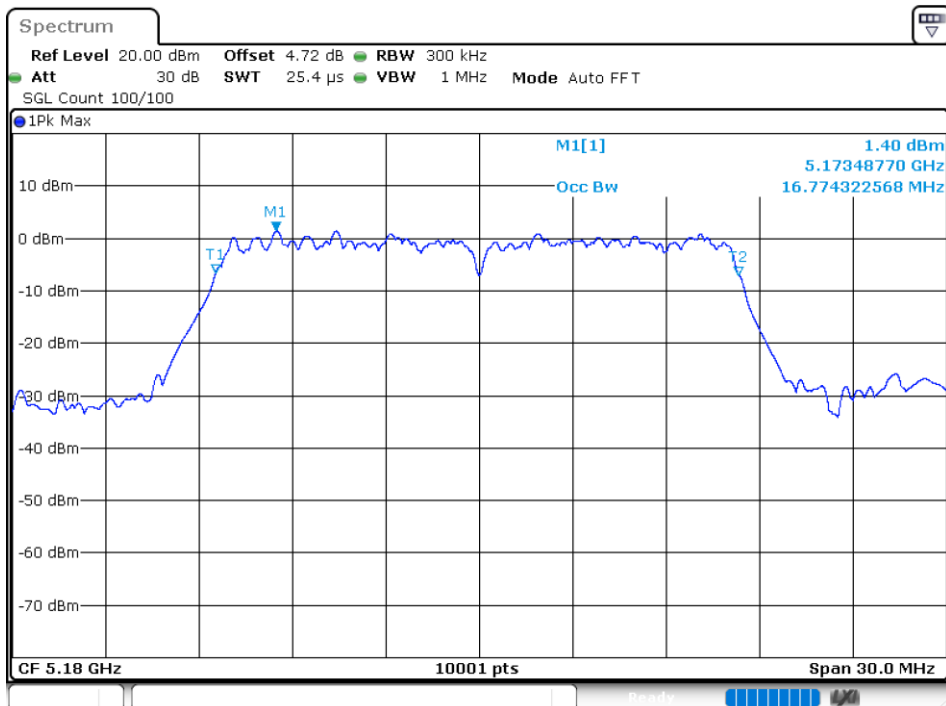


Occupied Channel Bandwidth

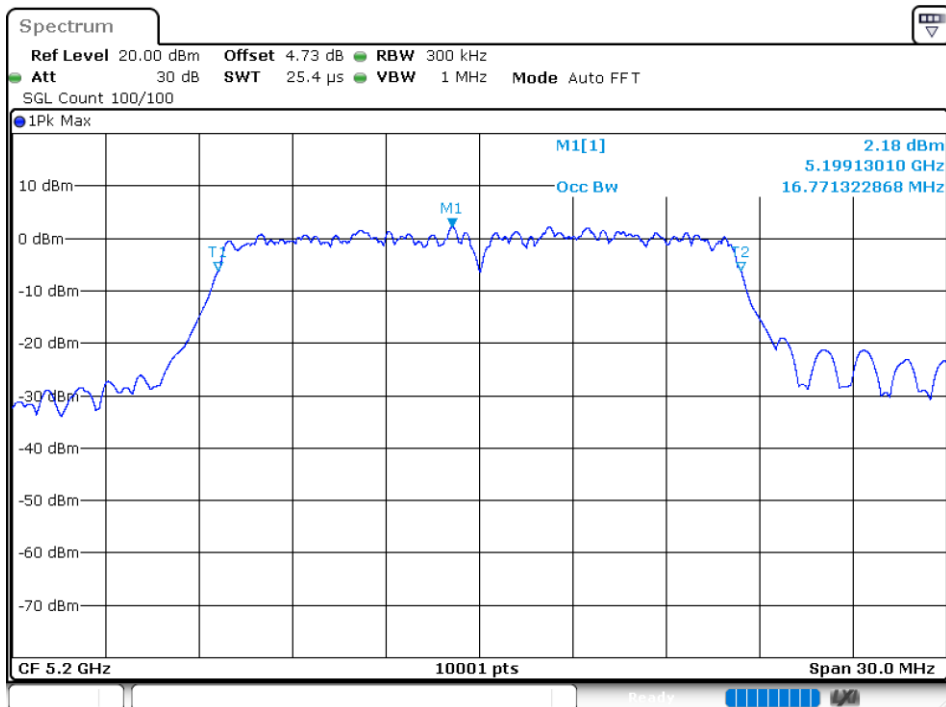
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.774
NVNT	a	5200	Ant1	16.771
NVNT	a	5240	Ant1	16.765
NVNT	n20	5180	Ant1	17.71
NVNT	n20	5200	Ant1	17.548
NVNT	n20	5240	Ant1	17.614
NVNT	n40	5190	Ant1	36.458
NVNT	n40	5230	Ant1	36.428
NVNT	ac20	5180	Ant1	17.734
NVNT	ac20	5200	Ant1	17.668
NVNT	ac20	5240	Ant1	17.863
NVNT	ac40	5190	Ant1	36.476
NVNT	ac40	5230	Ant1	36.422
NVNT	ac80	5210	Ant1	75.412

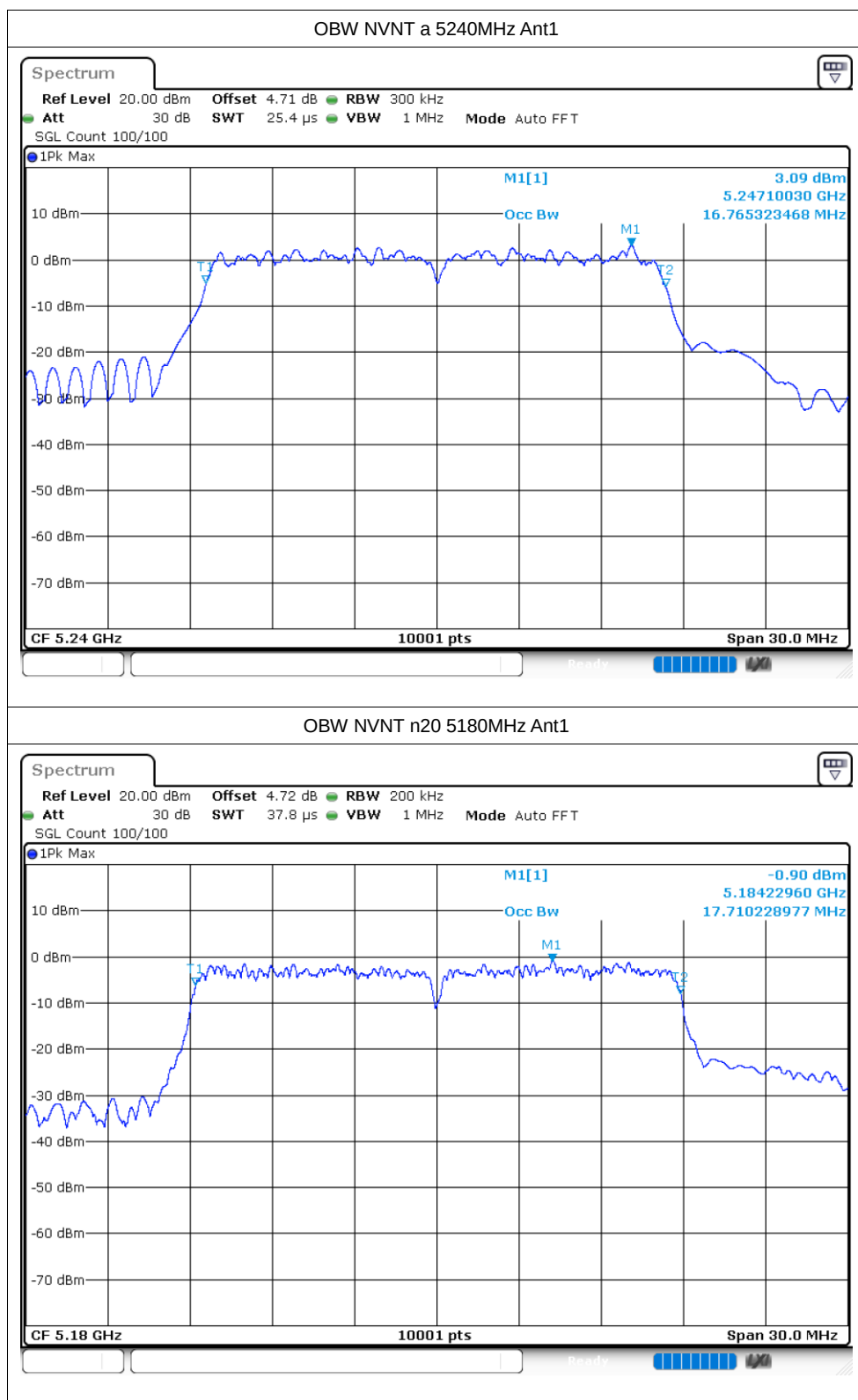
Test Graphs

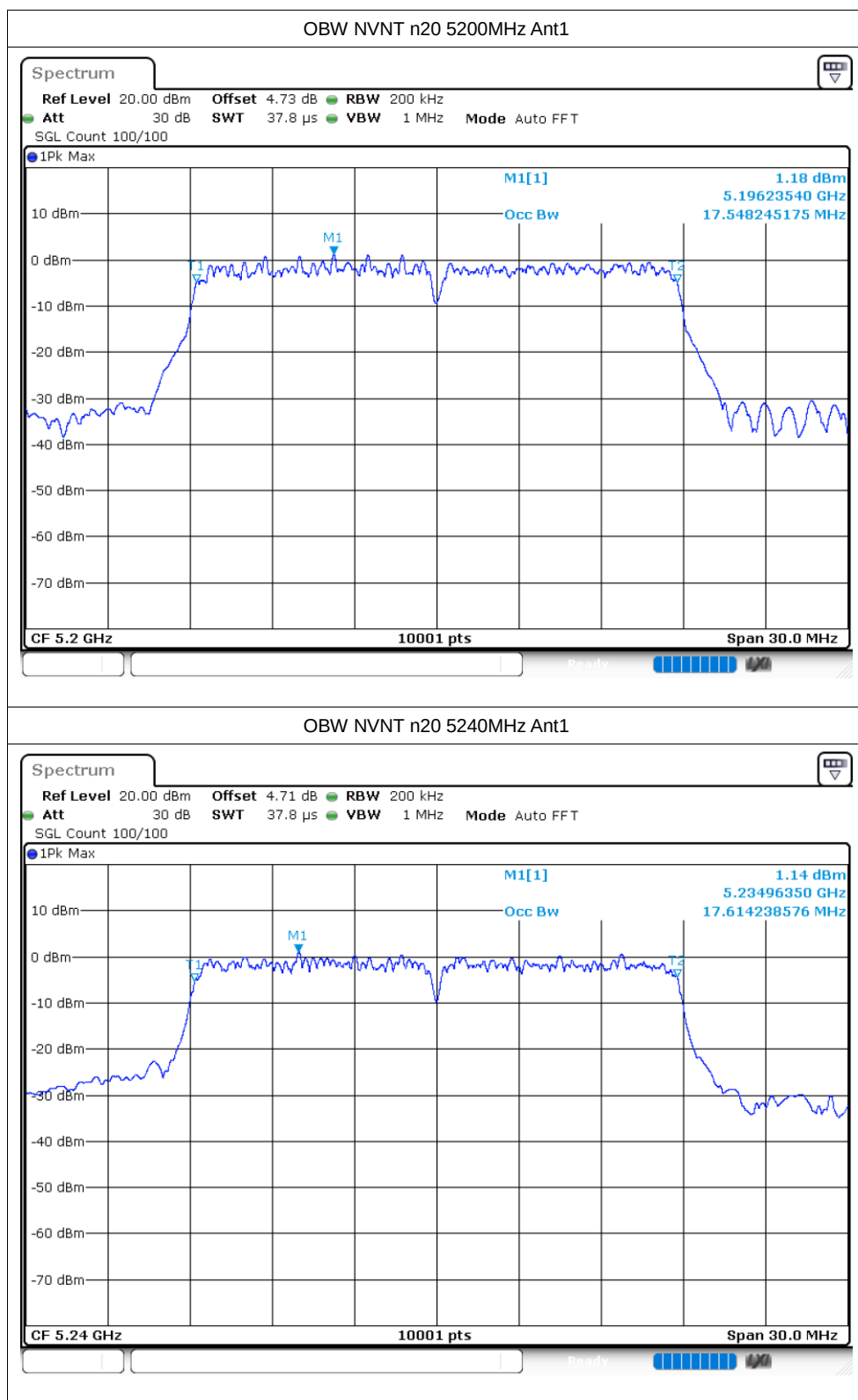
OBW NVNT a 5180MHz Ant1

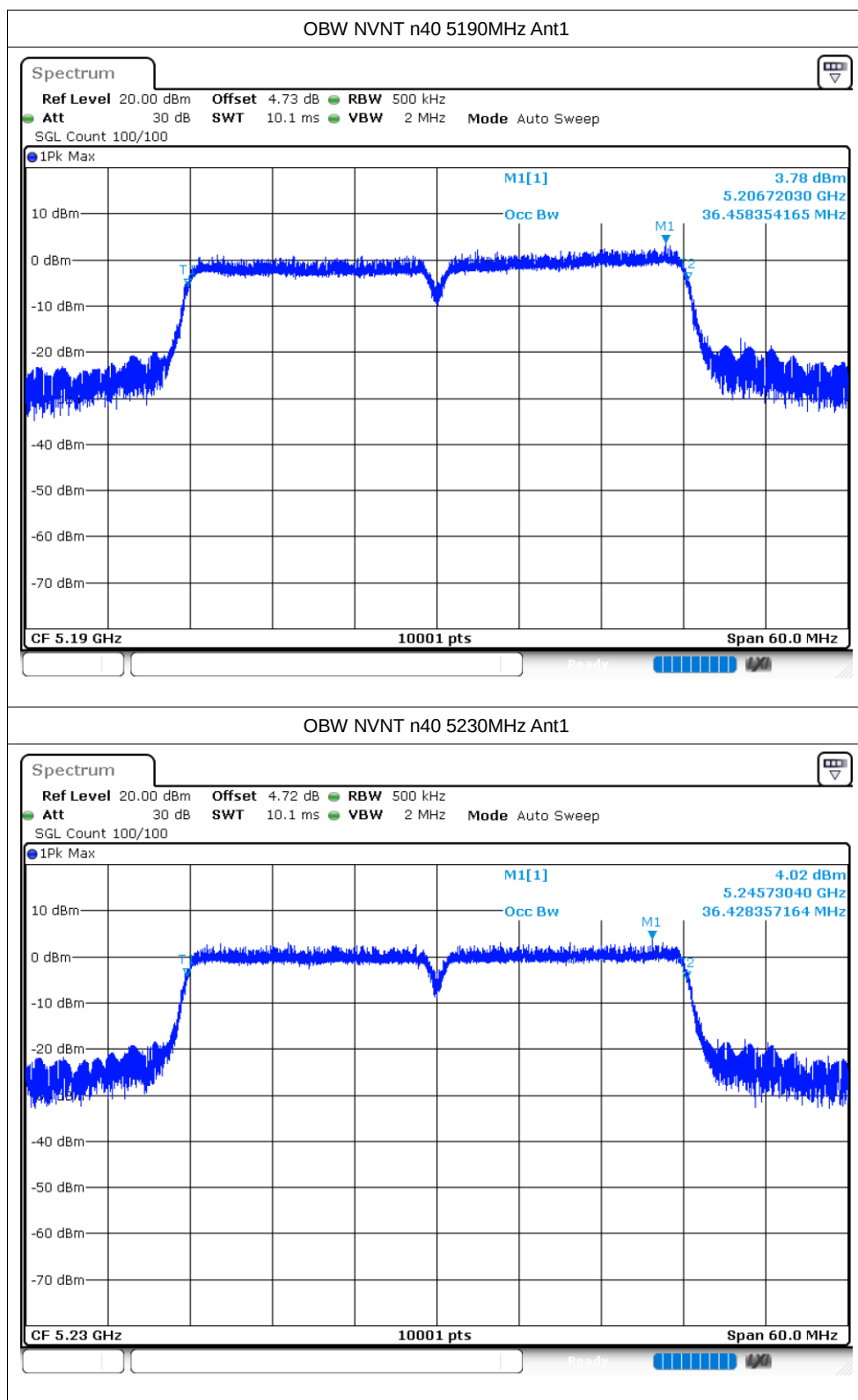


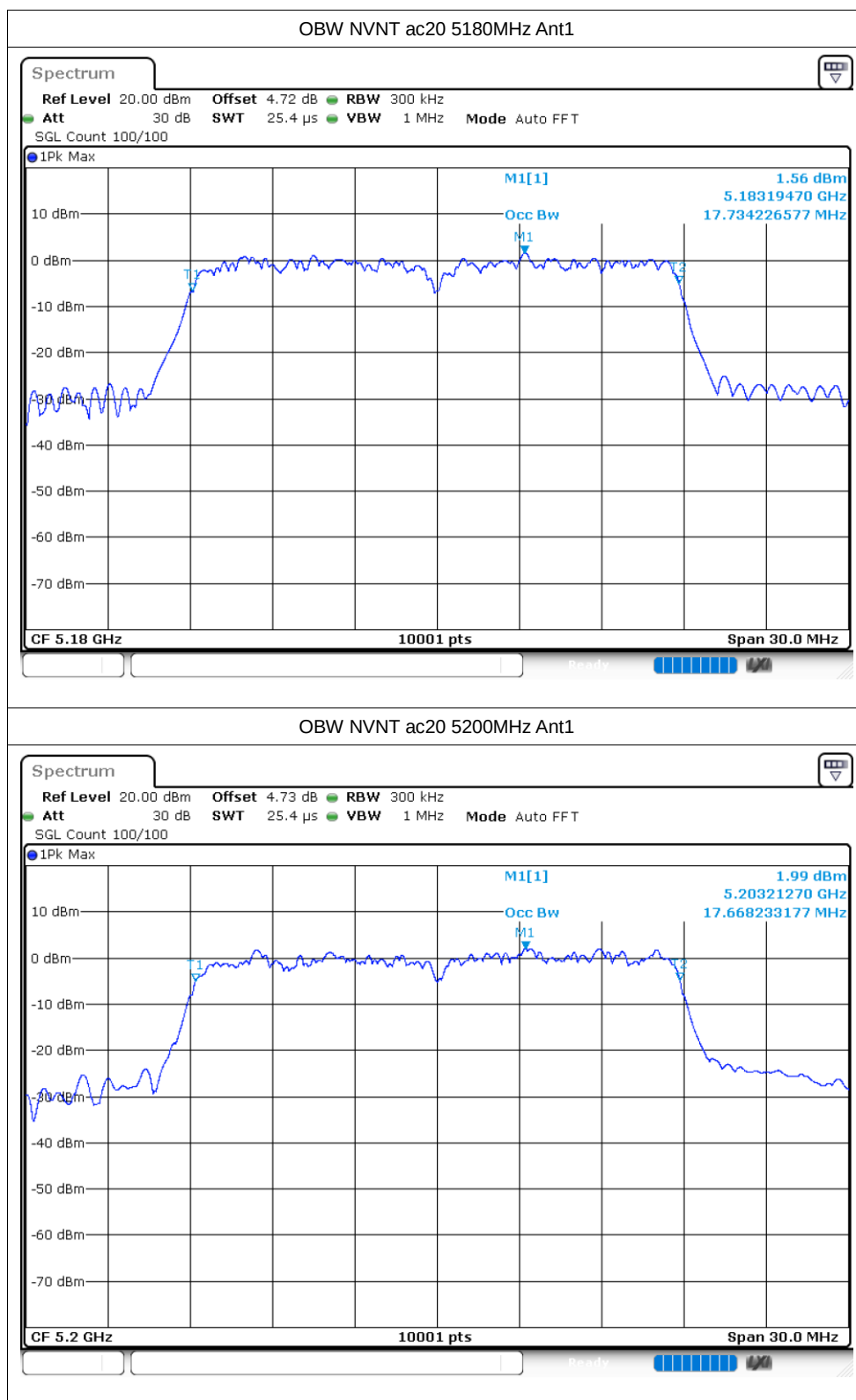
OBW NVNT a 5200MHz Ant1

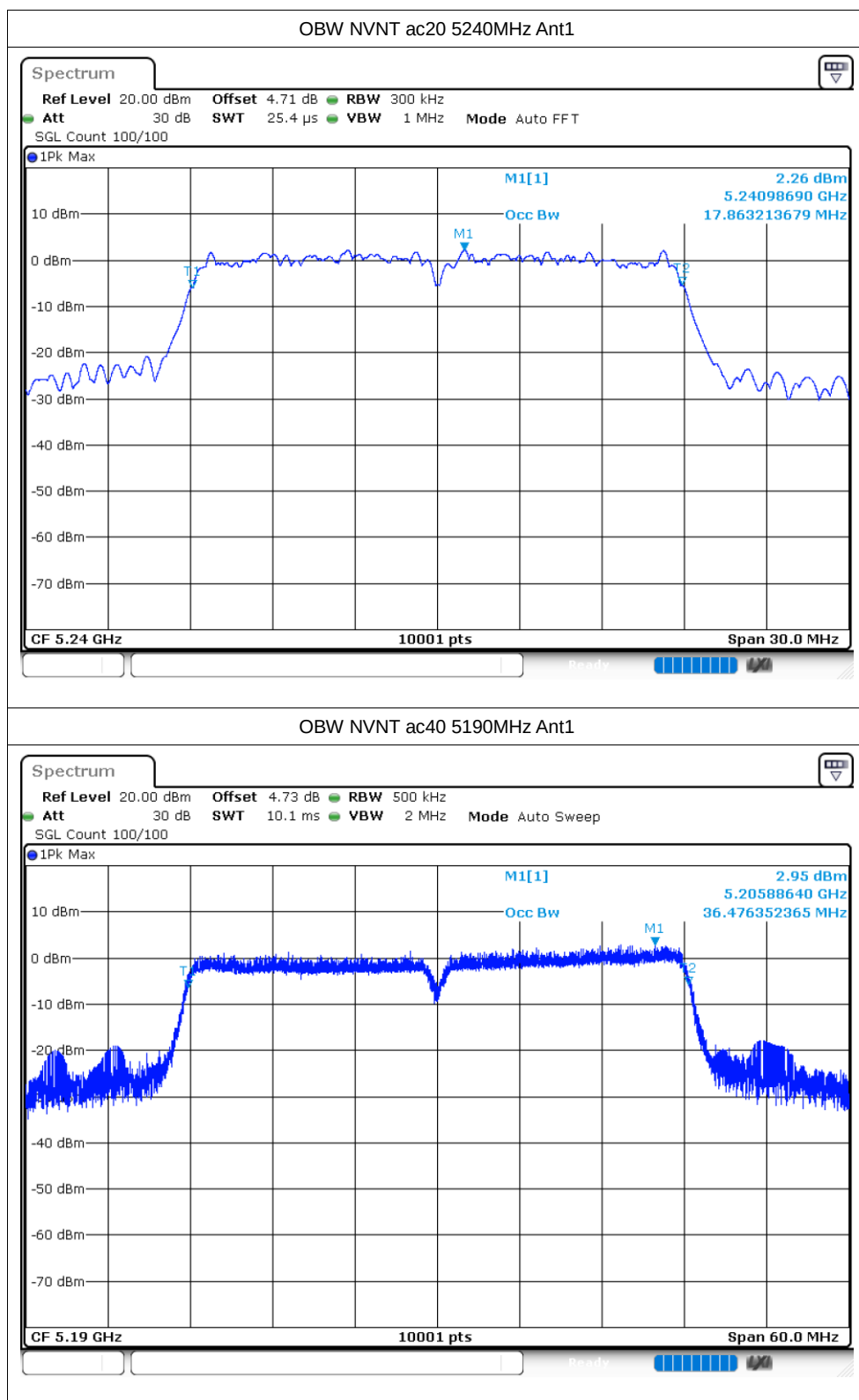


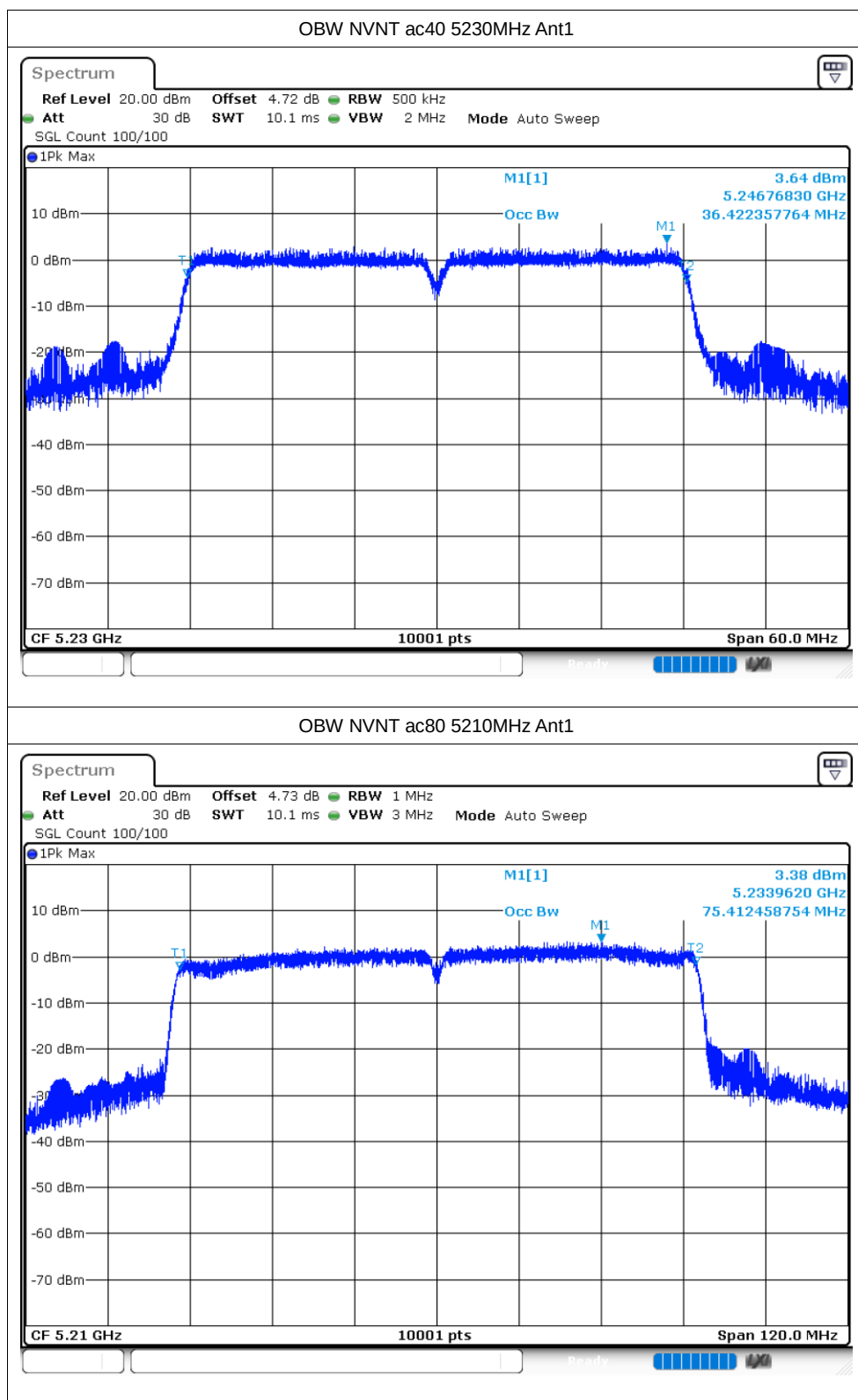










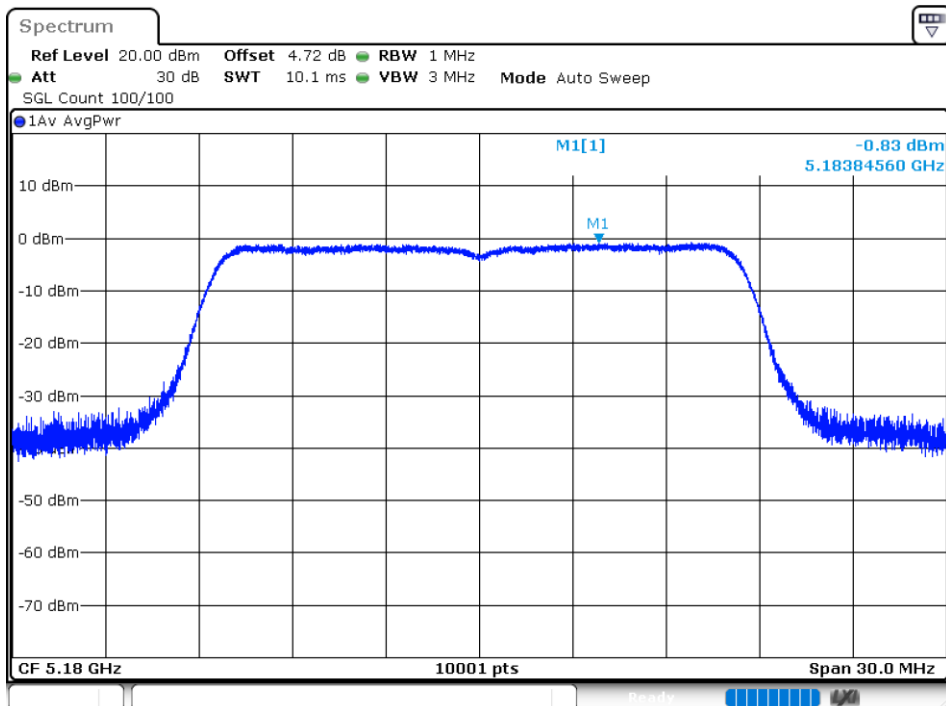


Maximum Power Spectral Density Level

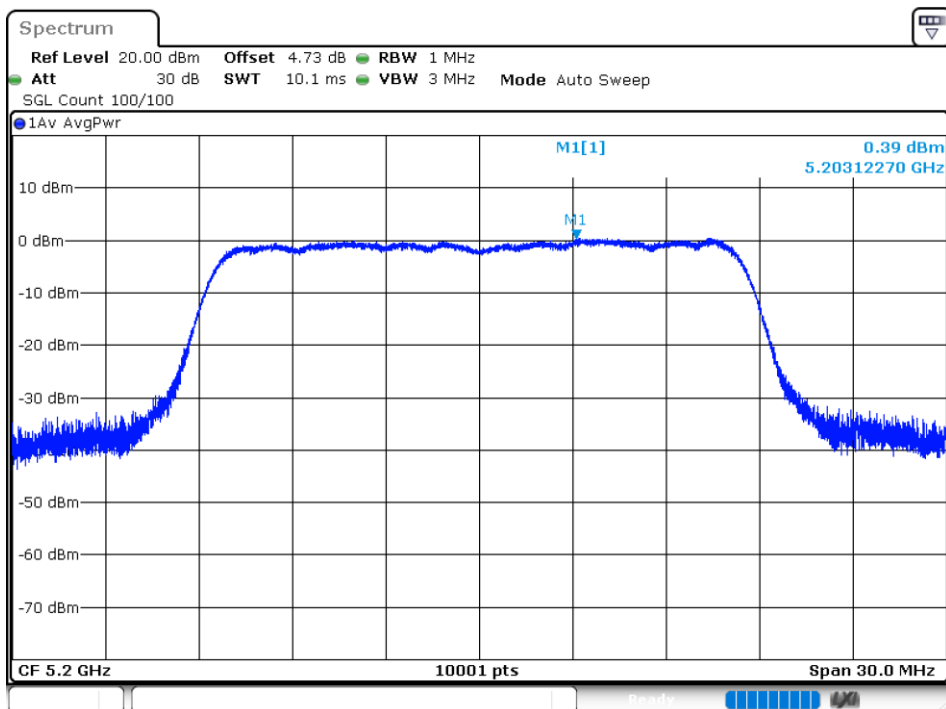
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.83	0.44	-0.39	11	Pass
NVNT	a	5200	Ant1	0.39	0.42	0.81	11	Pass
NVNT	a	5240	Ant1	0.2	0.42	0.62	11	Pass
NVNT	n20	5180	Ant1	-1.24	0.52	-0.72	11	Pass
NVNT	n20	5200	Ant1	-0.53	0.5	-0.03	11	Pass
NVNT	n20	5240	Ant1	-0.11	0.49	0.38	11	Pass
NVNT	n40	5190	Ant1	-4.17	0.93	-3.24	11	Pass
NVNT	n40	5230	Ant1	-3.84	0.93	-2.91	11	Pass
NVNT	ac20	5180	Ant1	-0.49	0.52	0.03	11	Pass
NVNT	ac20	5200	Ant1	-0.21	0.49	0.28	11	Pass
NVNT	ac20	5240	Ant1	0.41	0.49	0.9	11	Pass
NVNT	ac40	5190	Ant1	-3.65	0.94	-2.71	11	Pass
NVNT	ac40	5230	Ant1	-3.48	0.93	-2.55	11	Pass
NVNT	ac80	5210	Ant1	-7.18	1.65	-5.53	11	Pass

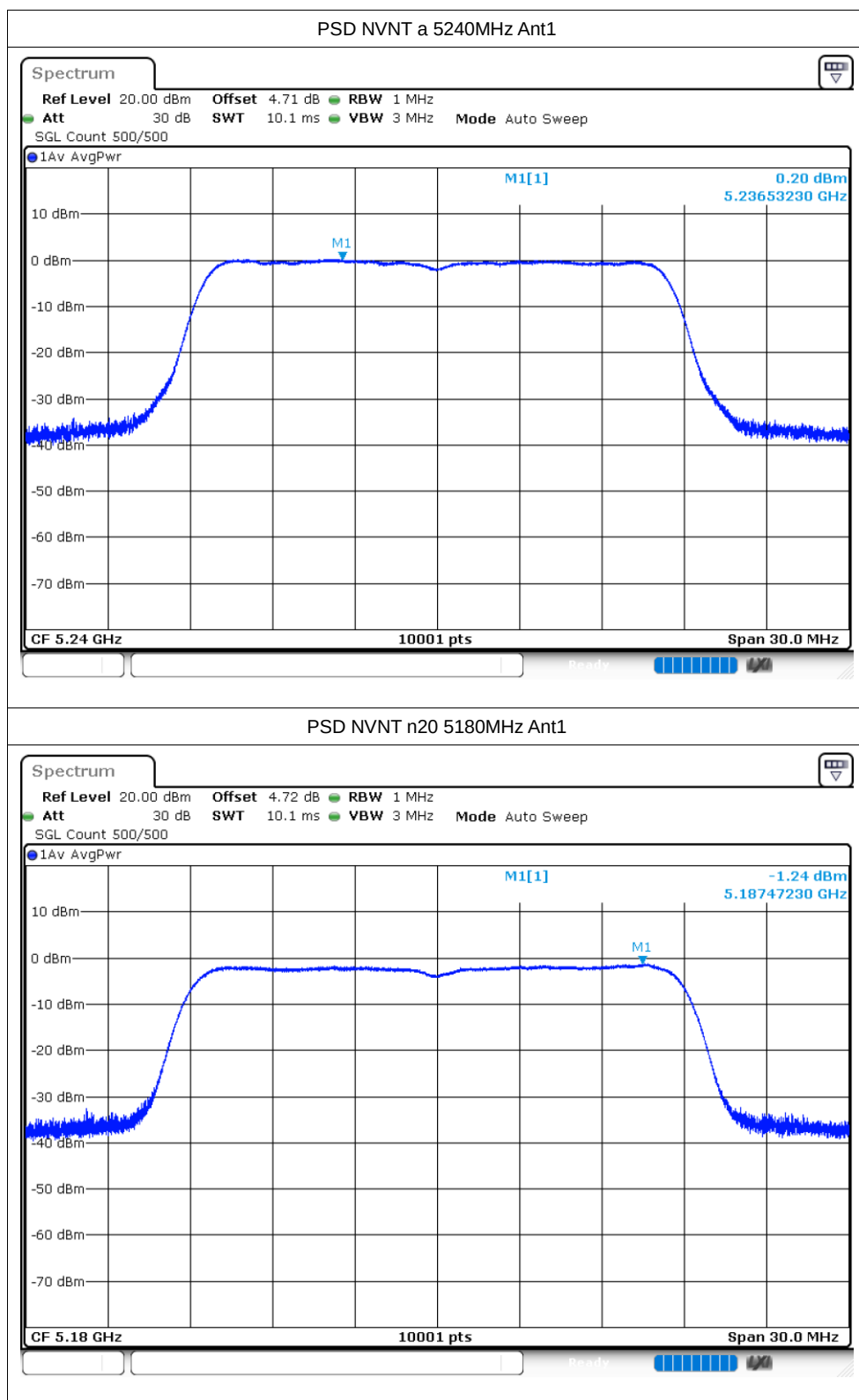
Test Graphs

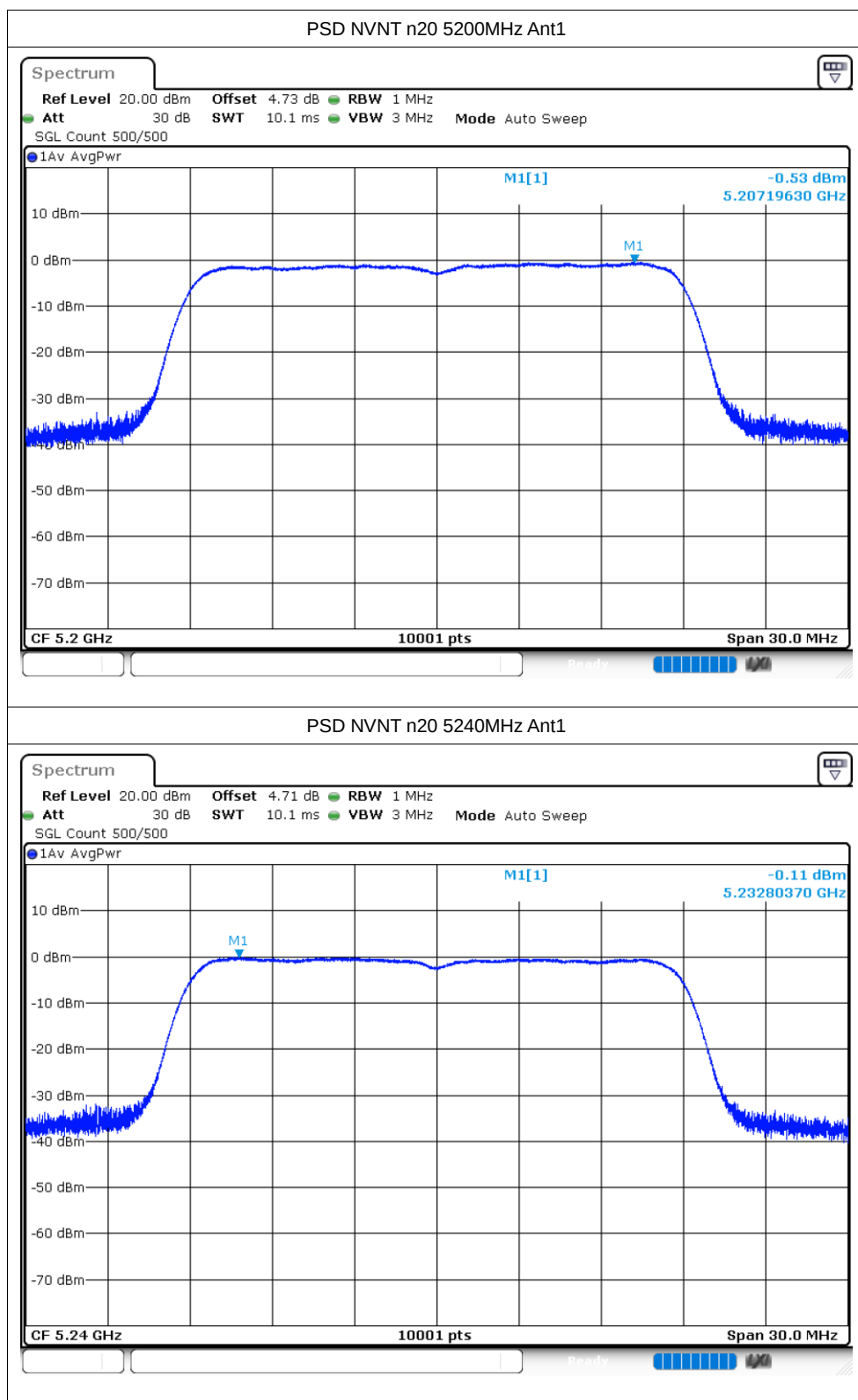
PSD NVNT a 5180MHz Ant1

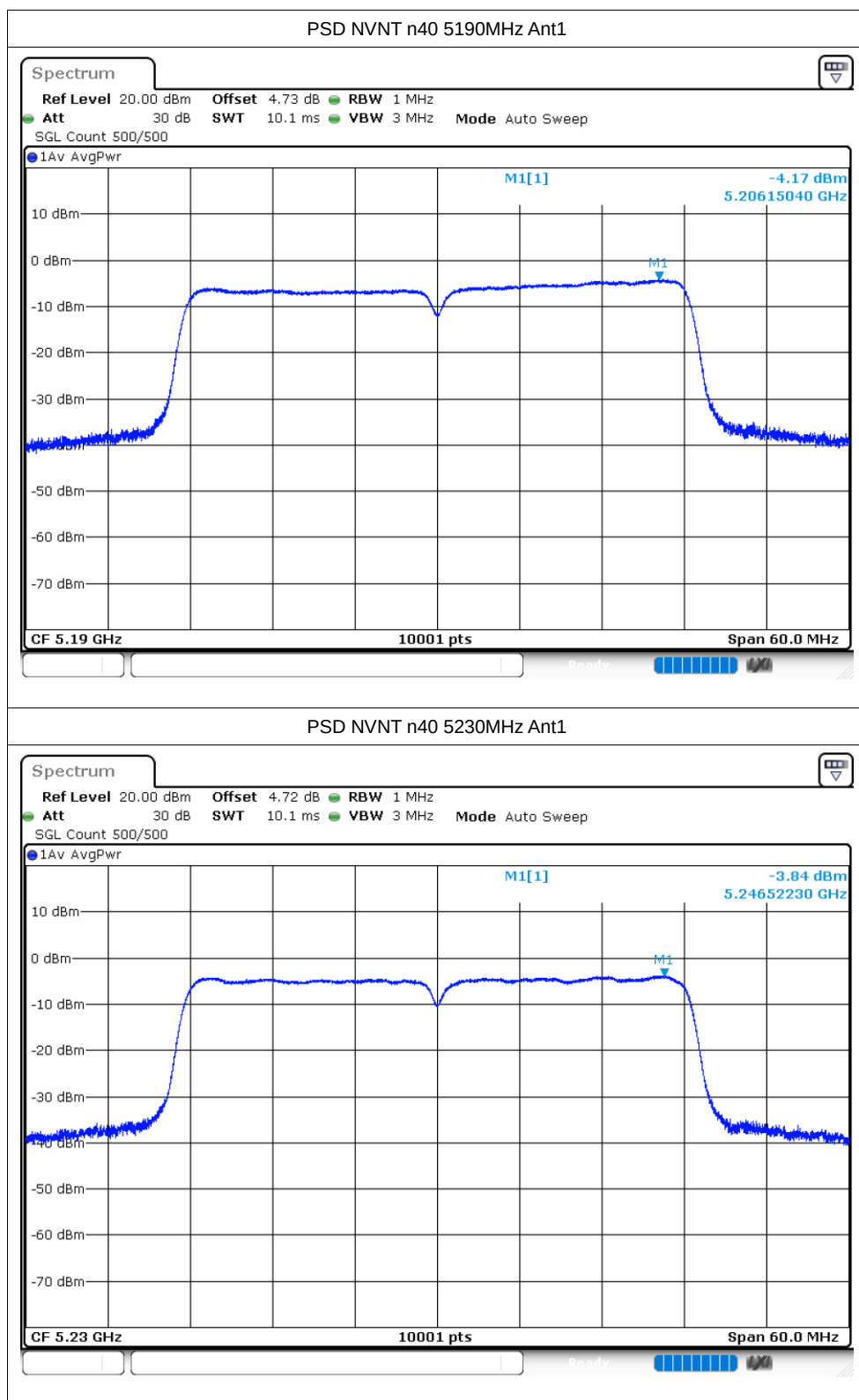


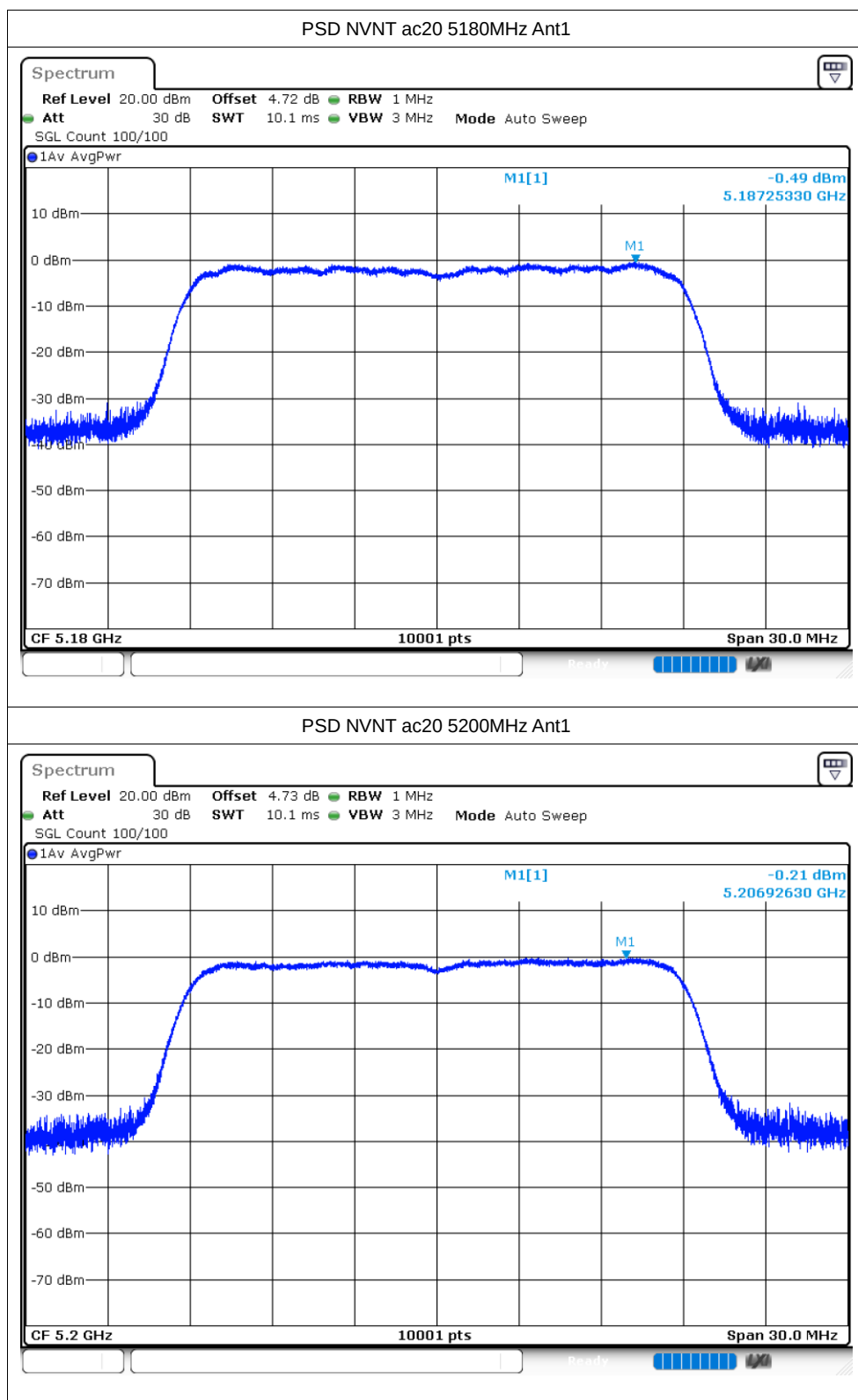
PSD NVNT a 5200MHz Ant1

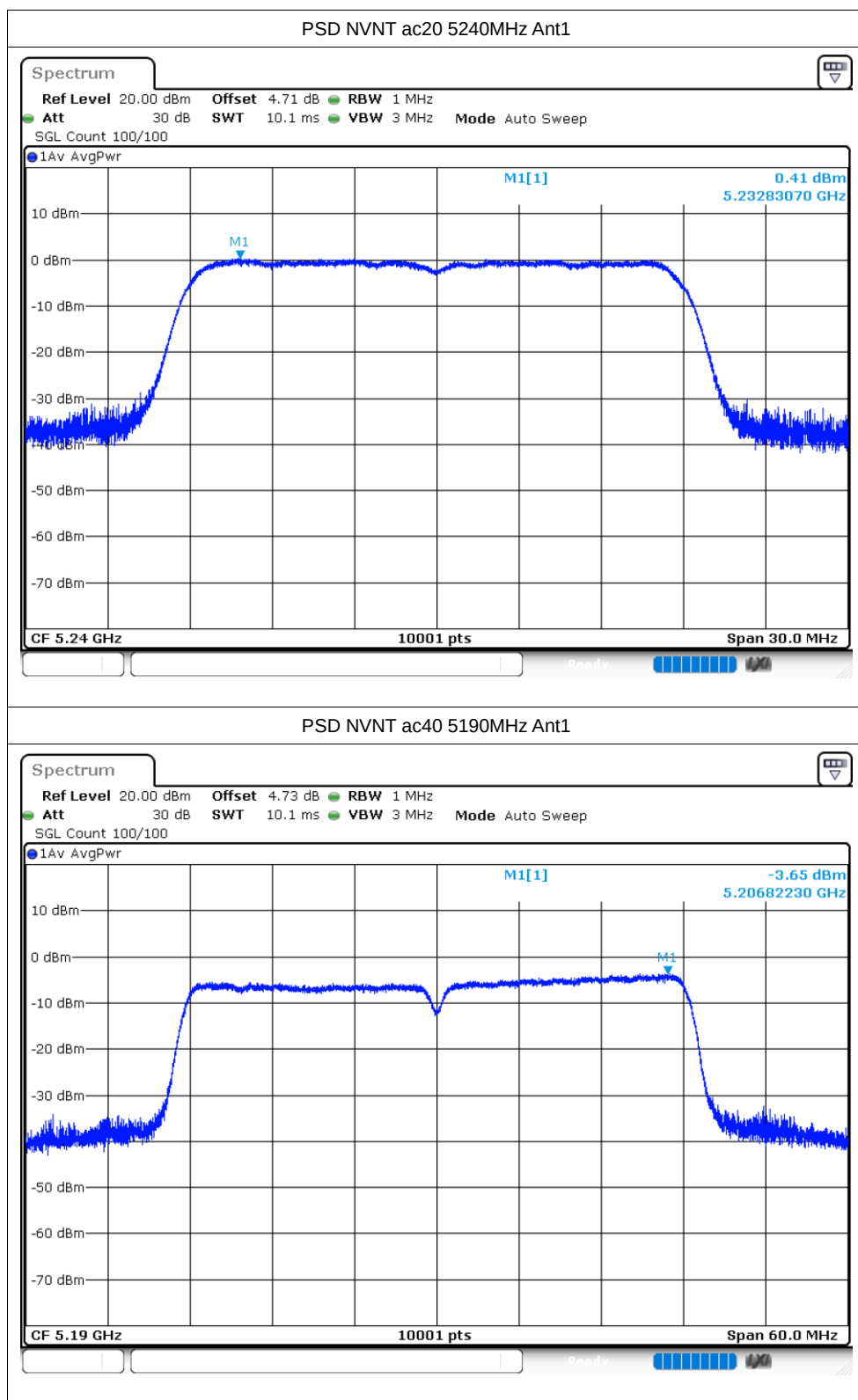


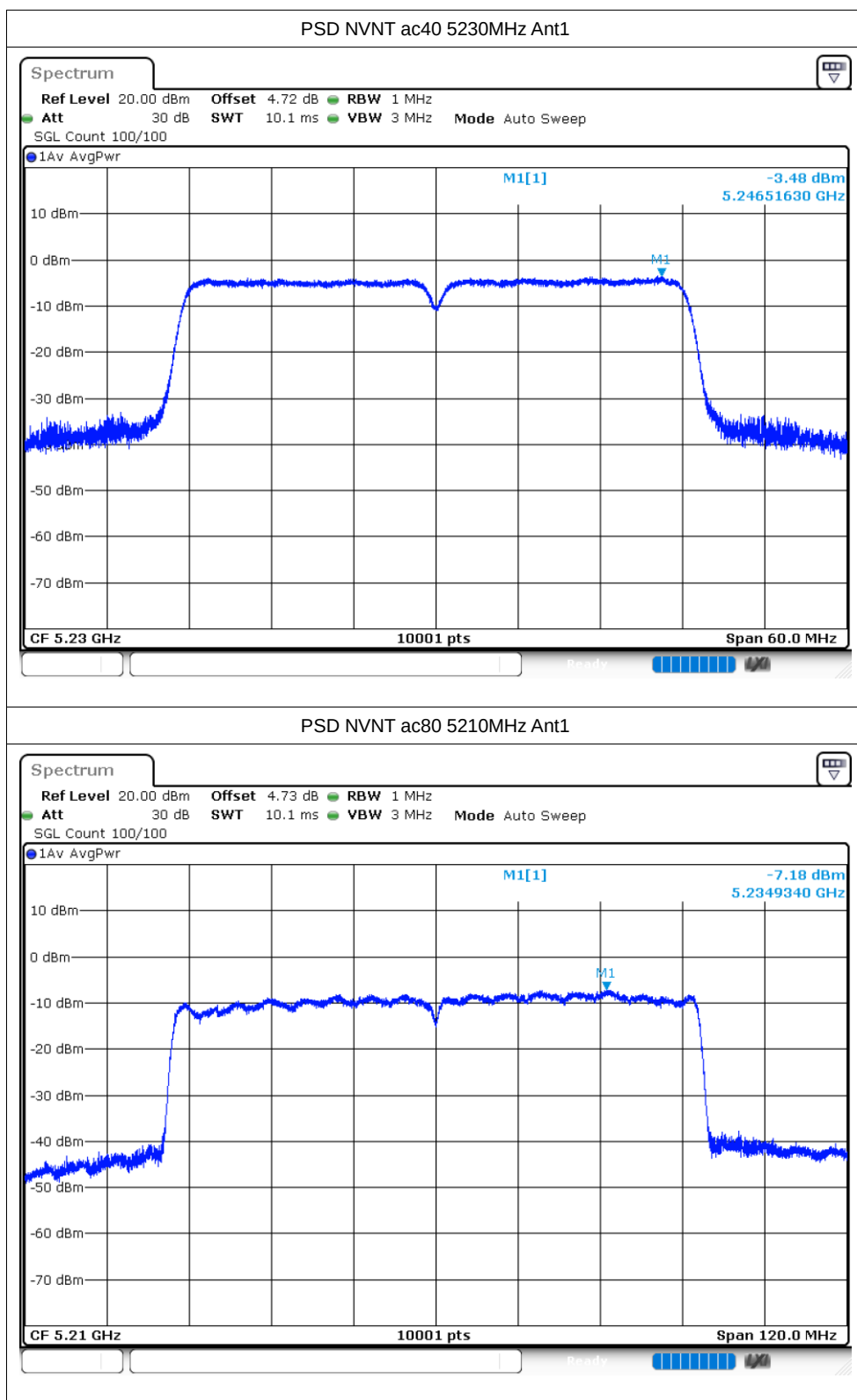






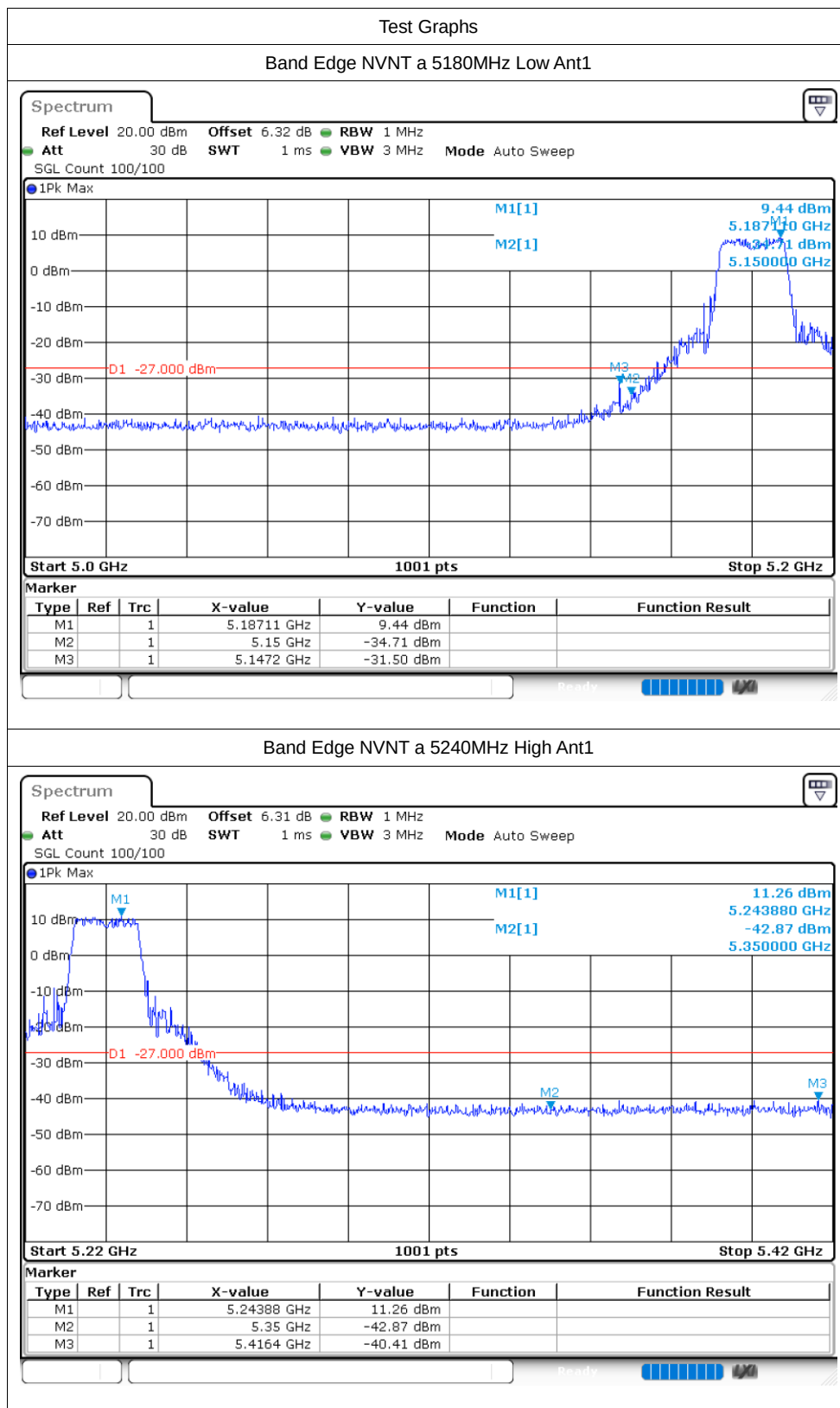


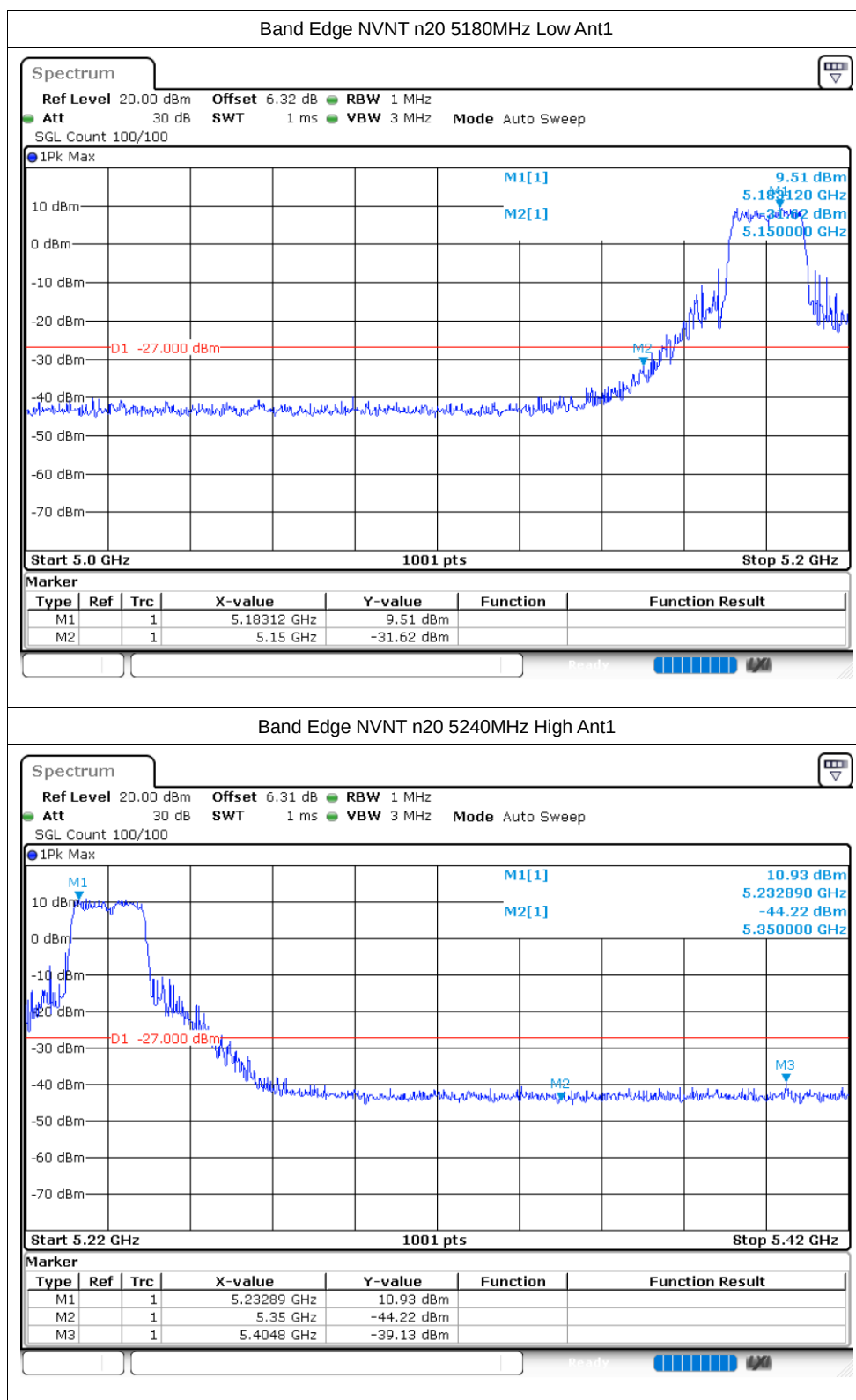


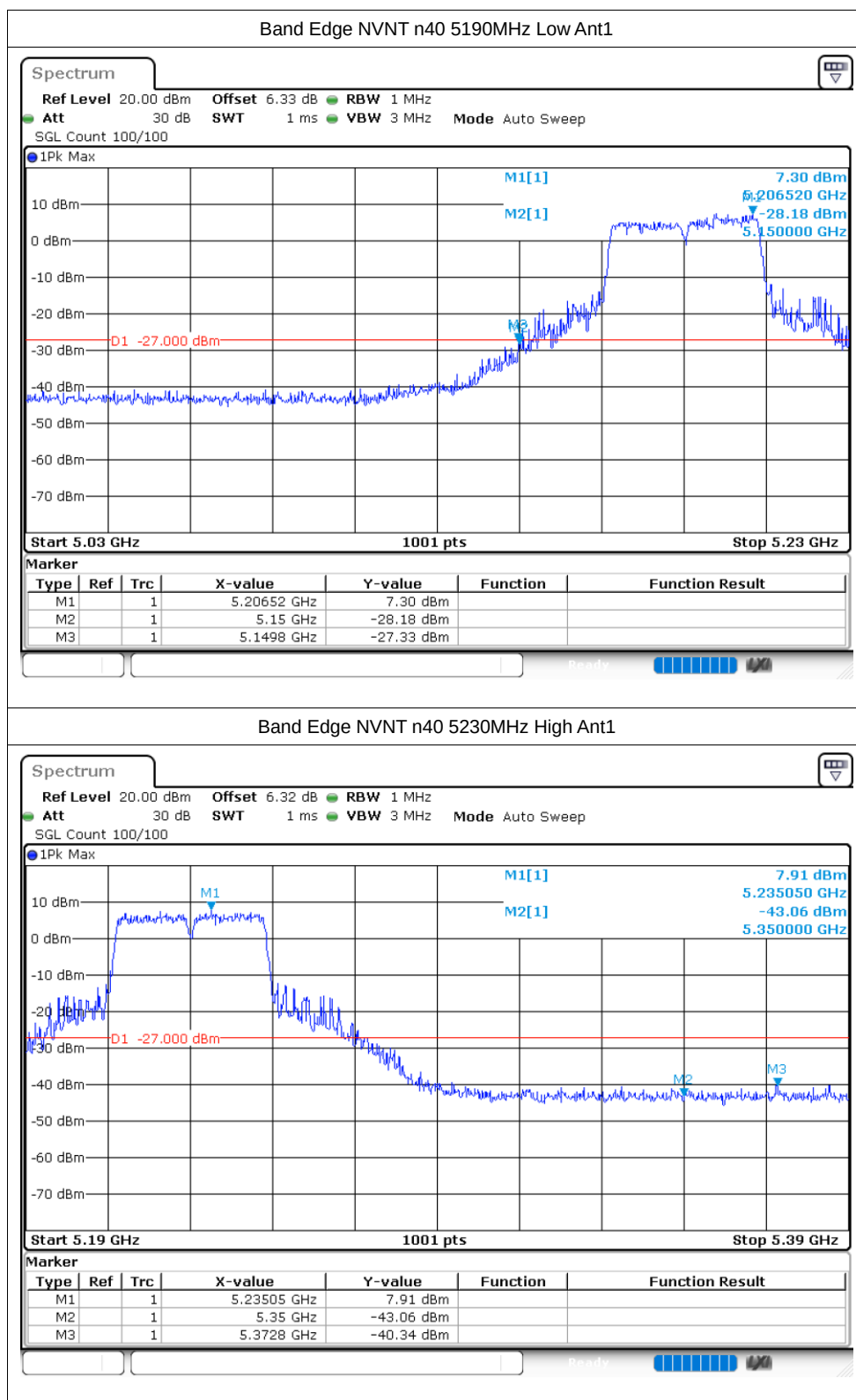


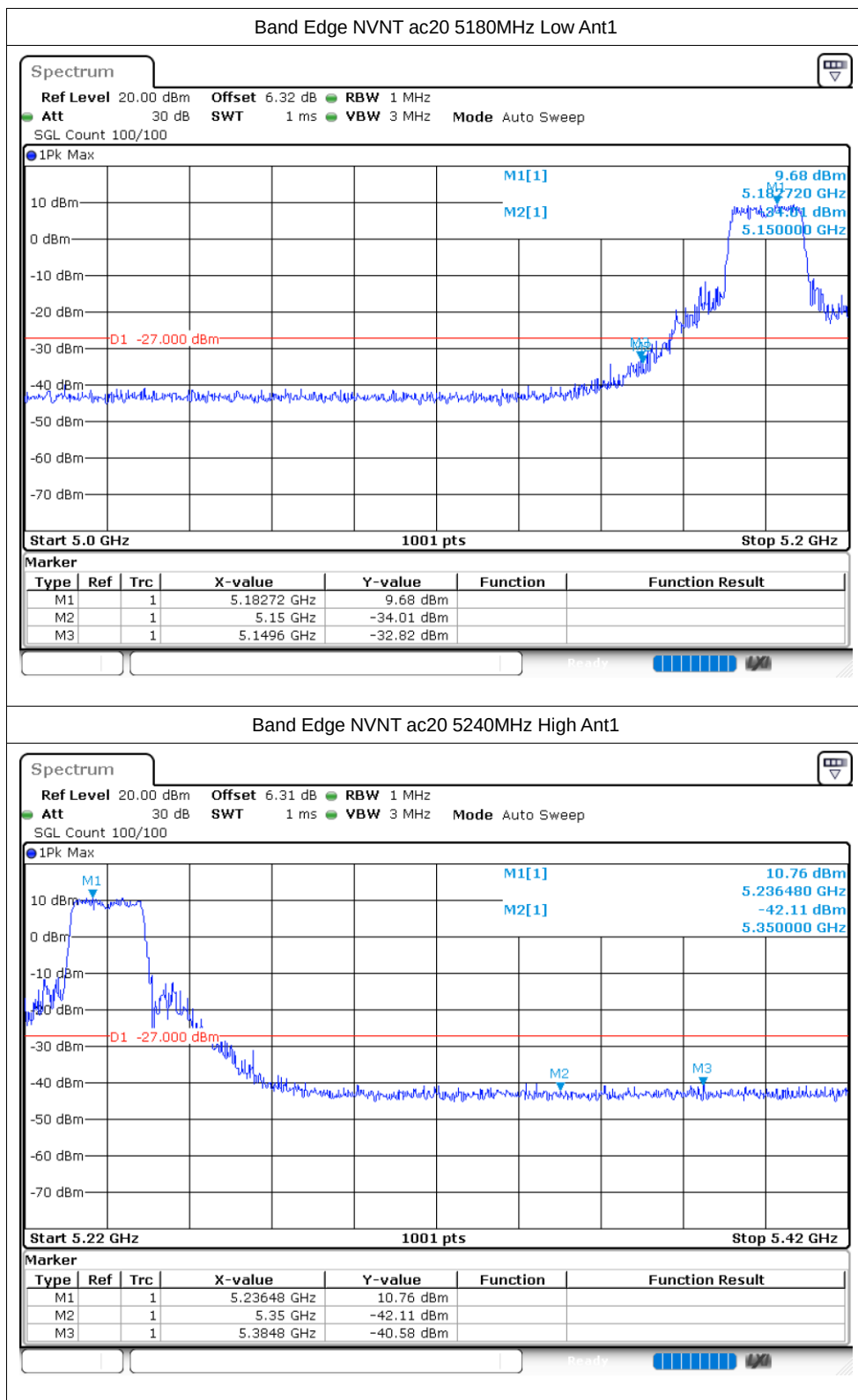
Band Edge

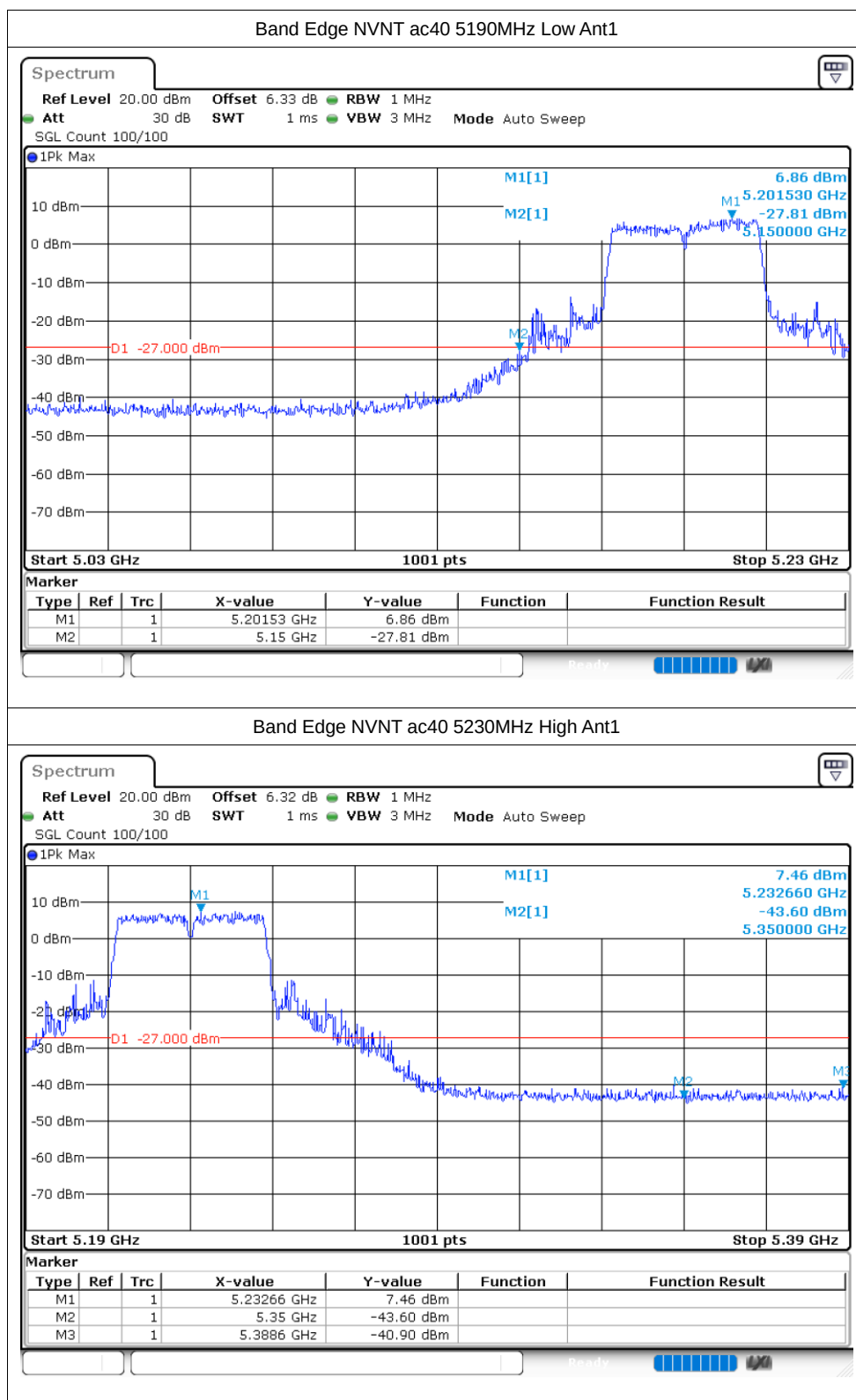
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.49	-27	Pass
NVNT	a	5240	Ant1	-40.4	-27	Pass
NVNT	n20	5180	Ant1	-31.62	-27	Pass
NVNT	n20	5240	Ant1	-39.13	-27	Pass
NVNT	n40	5190	Ant1	-27.33	-27	Pass
NVNT	n40	5230	Ant1	-40.34	-27	Pass
NVNT	ac20	5180	Ant1	-32.81	-27	Pass
NVNT	ac20	5240	Ant1	-40.57	-27	Pass
NVNT	ac40	5190	Ant1	-27.81	-27	Pass
NVNT	ac40	5230	Ant1	-40.89	-27	Pass
NVNT	ac80	5210	Ant1	-41.18	-27	Pass
NVNT	ac80	5210	Ant1	-31.34	-27	Pass

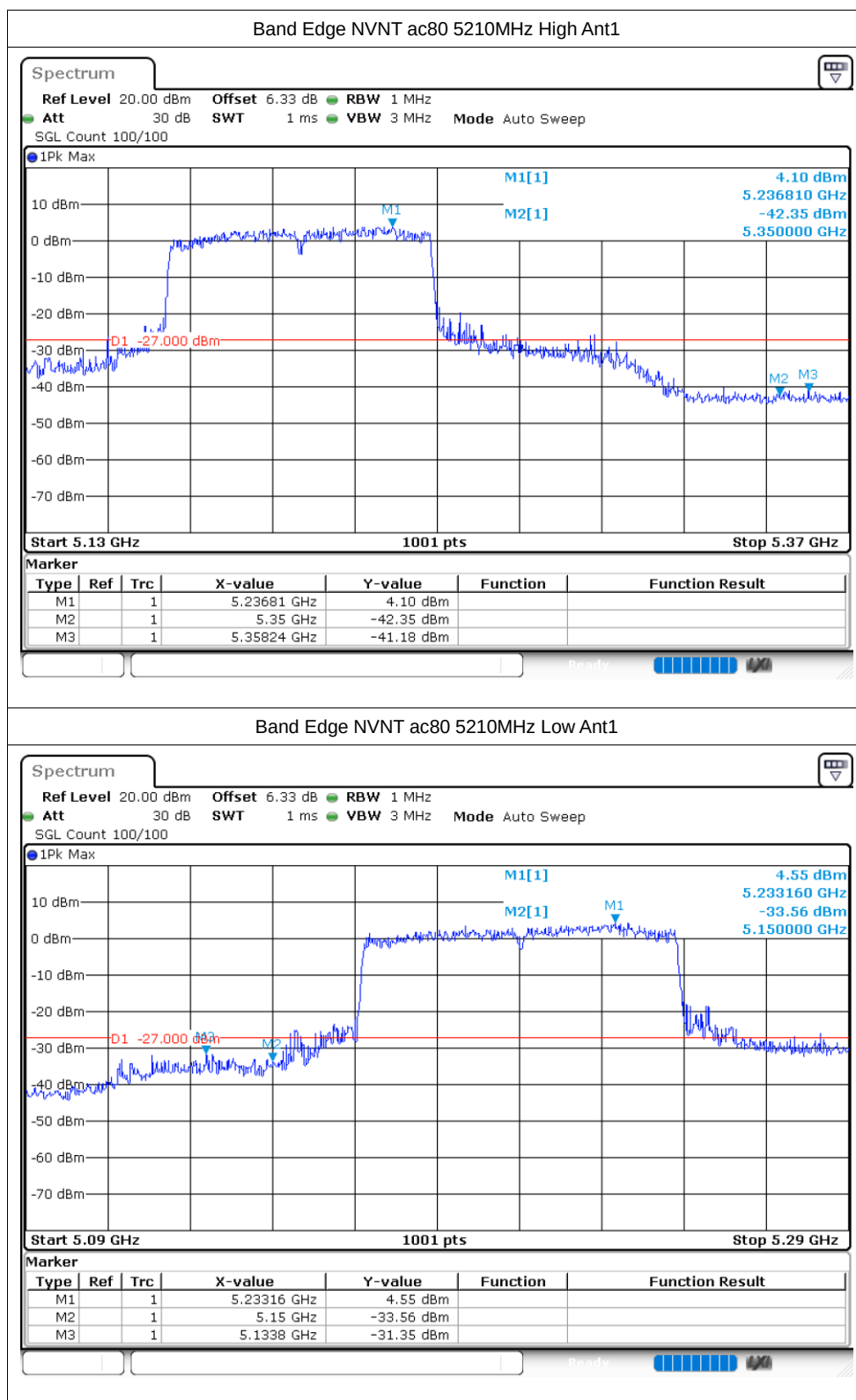












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.75	-27	Pass
NVNT	a	5200	Ant1	-34.69	-27	Pass
NVNT	a	5240	Ant1	-34.98	-27	Pass
NVNT	n20	5180	Ant1	-28.94	-27	Pass
NVNT	n20	5200	Ant1	-34.5	-27	Pass
NVNT	n20	5240	Ant1	-34.48	-27	Pass
NVNT	n40	5190	Ant1	-32.41	-27	Pass
NVNT	n40	5230	Ant1	-33.96	-27	Pass
NVNT	ac20	5180	Ant1	-34.47	-27	Pass
NVNT	ac20	5200	Ant1	-34.47	-27	Pass
NVNT	ac20	5240	Ant1	-34.56	-27	Pass
NVNT	ac40	5190	Ant1	-33.98	-27	Pass
NVNT	ac40	5230	Ant1	-34.24	-27	Pass
NVNT	ac80	5210	Ant1	-30.98	-27	Pass

