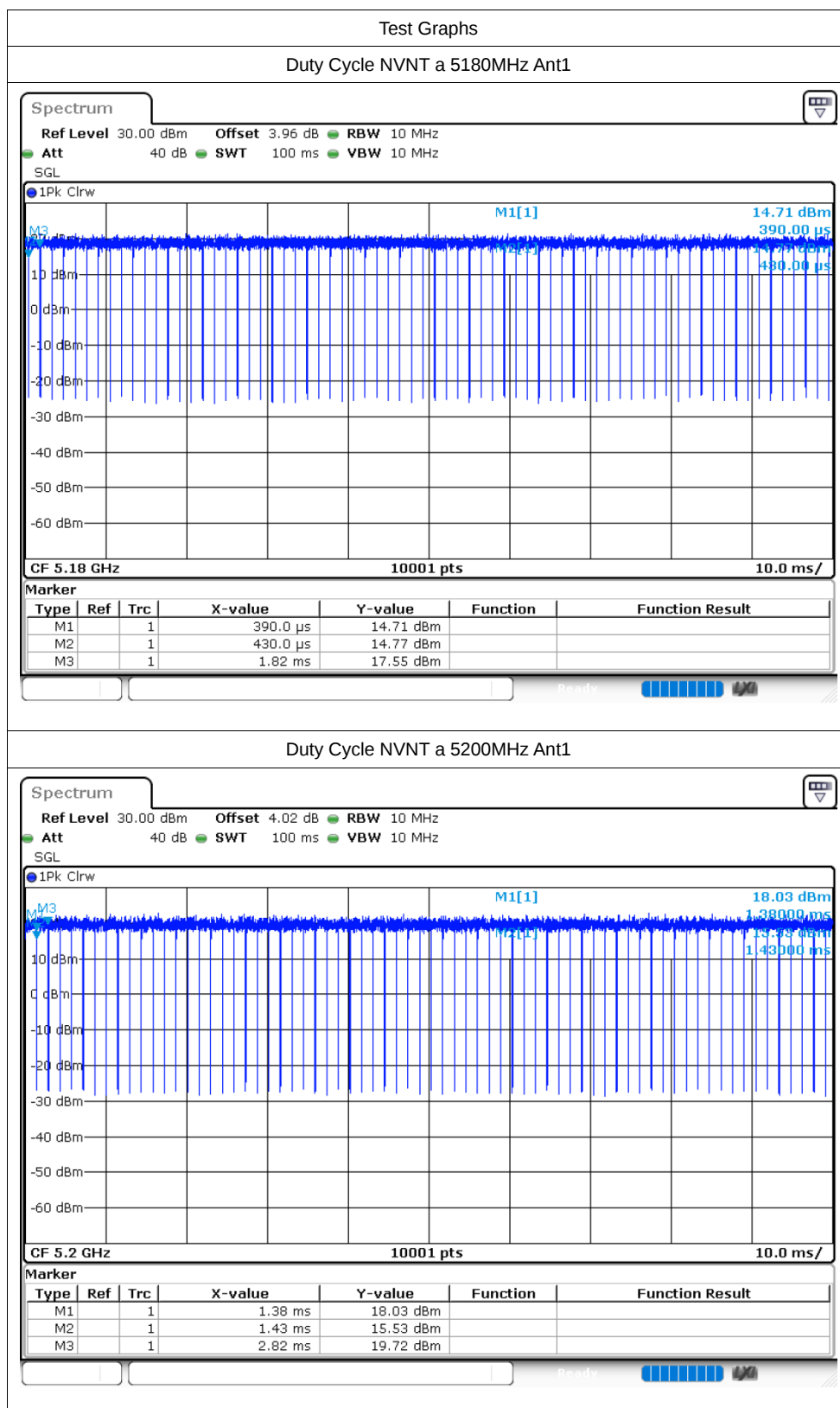
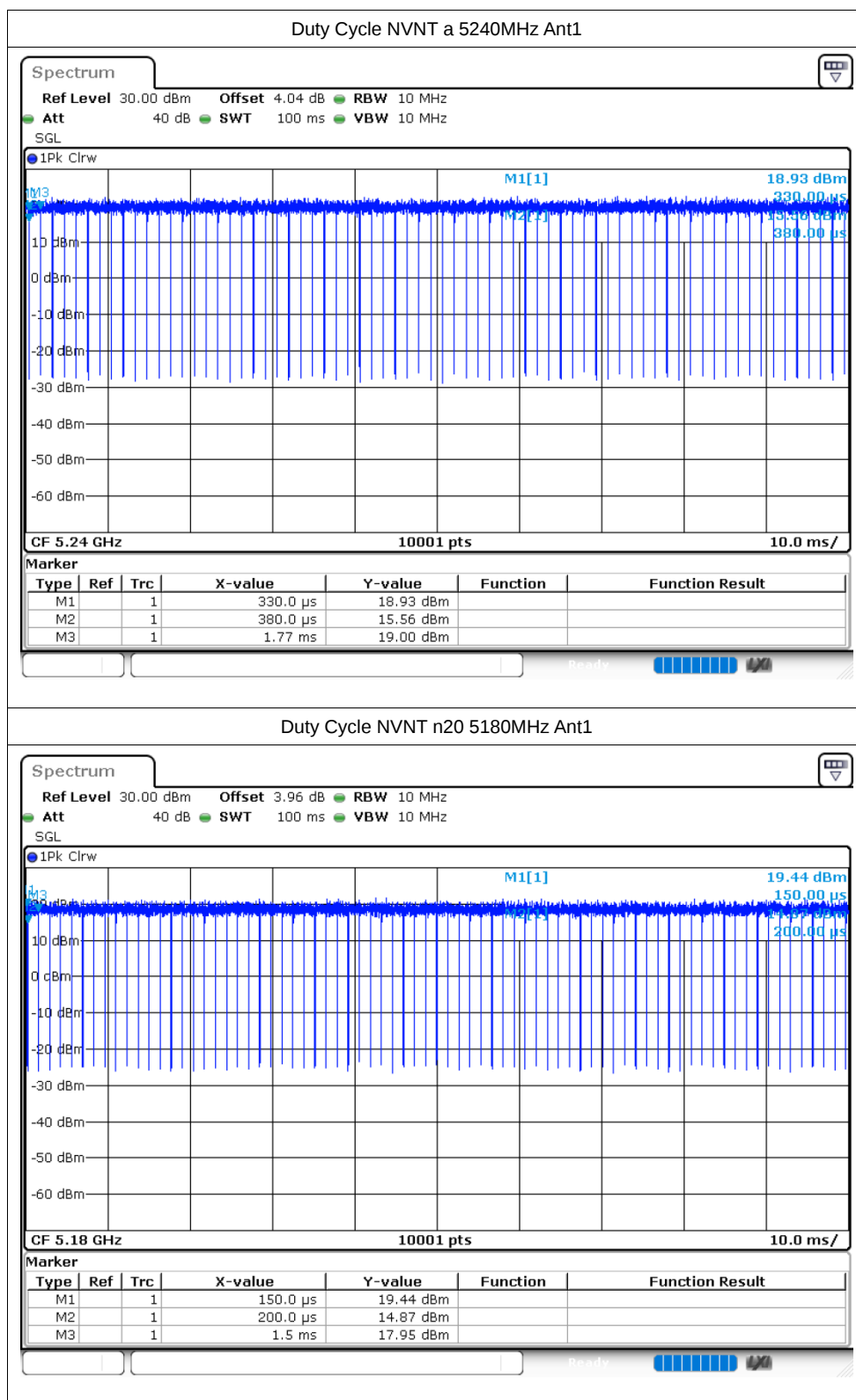


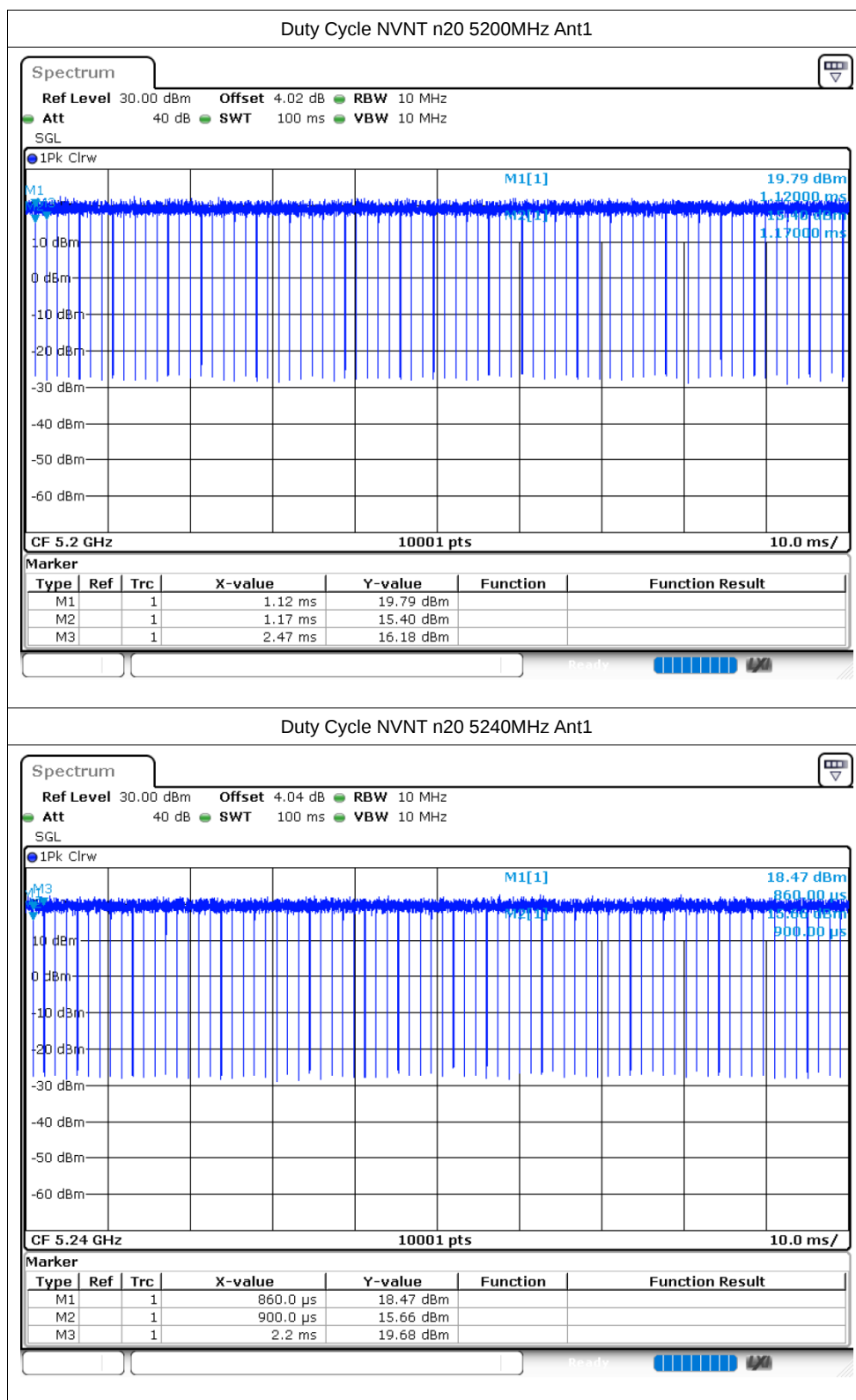
WIFI 5.2G:

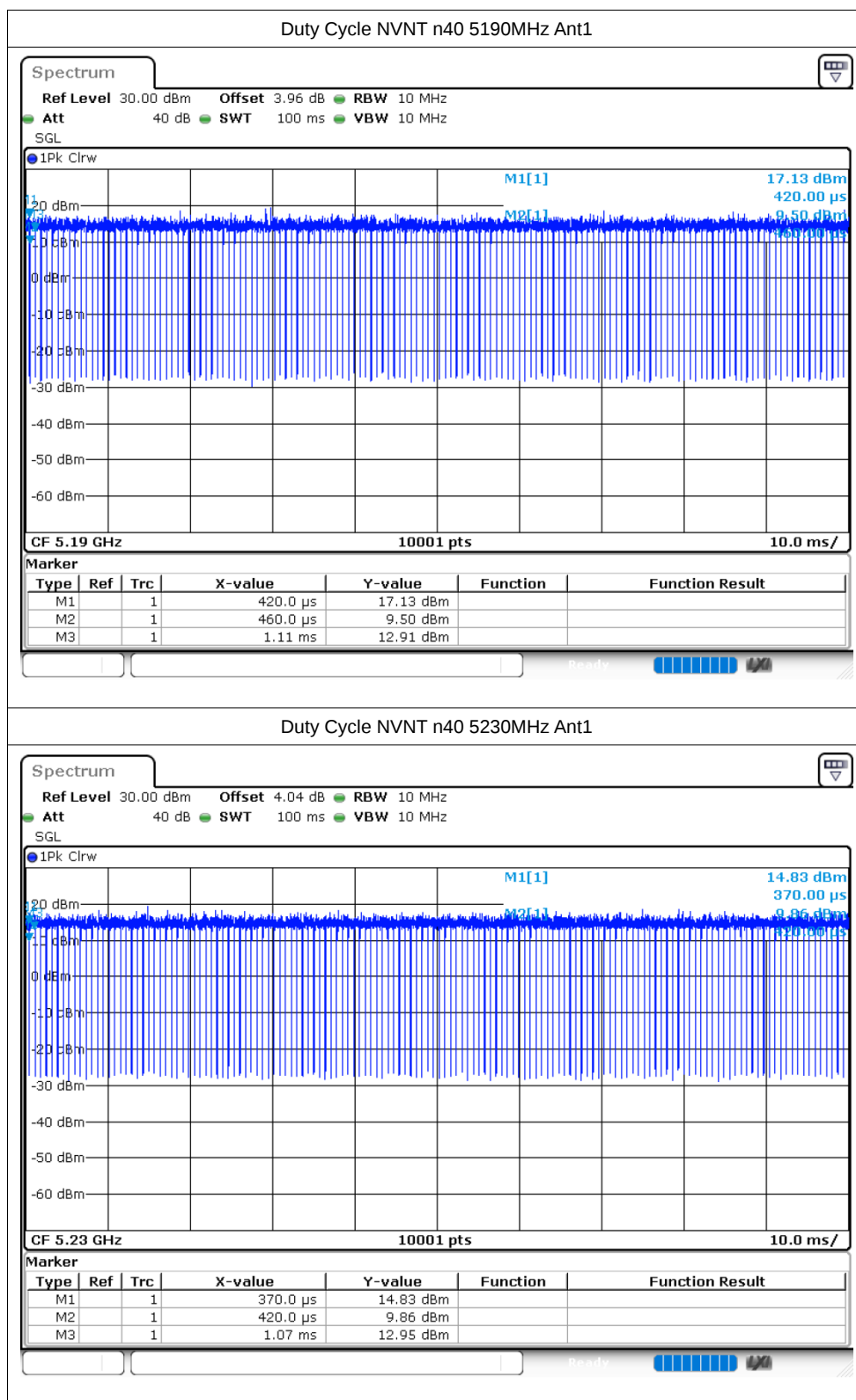
Duty Cycle

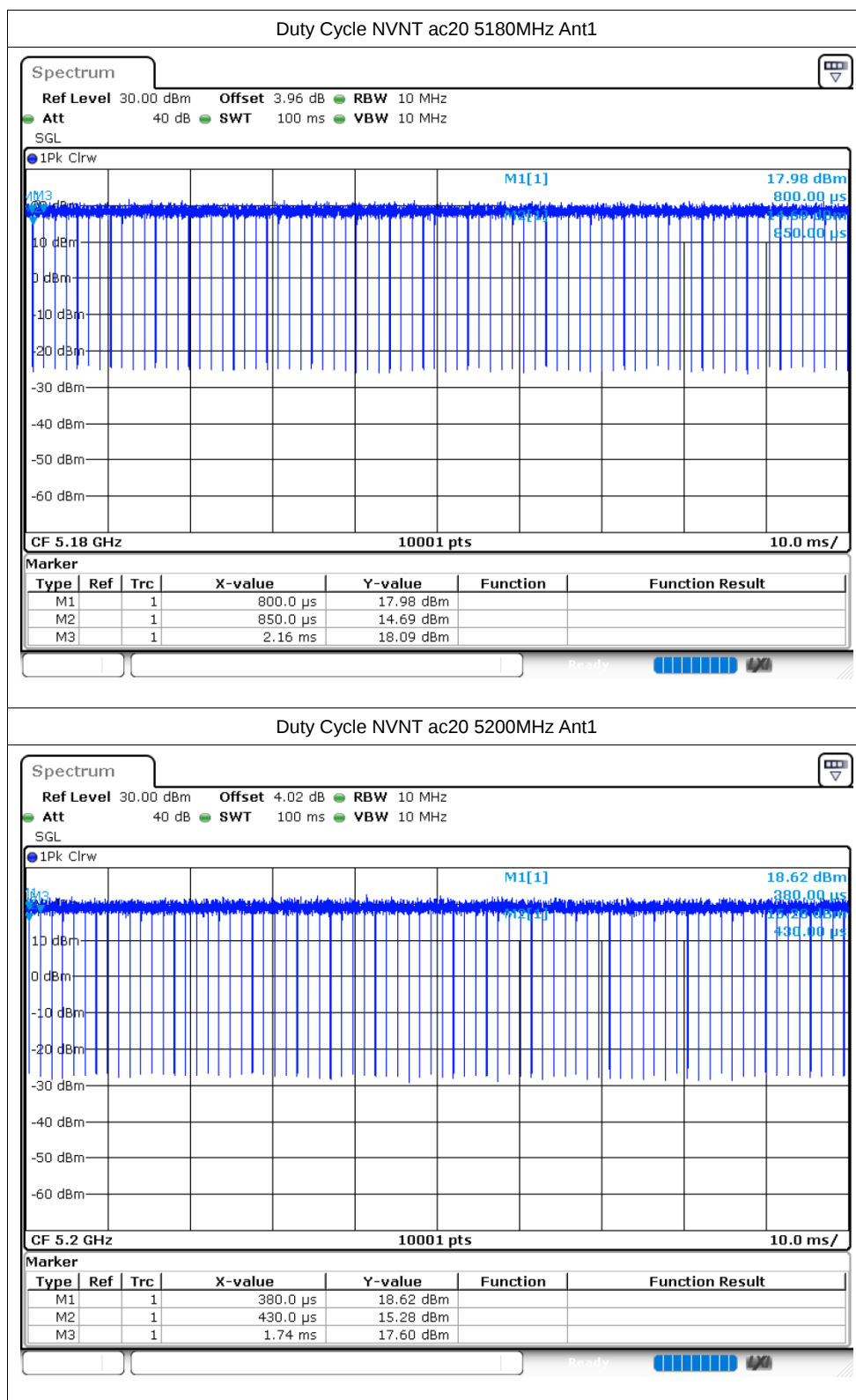
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.57	0.11	0.72
NVNT	a	5200	Ant1	97.6	0.11	0.72
NVNT	a	5240	Ant1	97.56	0.11	0.72
NVNT	n20	5180	Ant1	97.41	0.11	0.77
NVNT	n20	5200	Ant1	97.44	0.11	0.77
NVNT	n20	5240	Ant1	97.44	0.11	0.77
NVNT	n40	5190	Ant1	95.1	0.22	1.54
NVNT	n40	5230	Ant1	95.08	0.22	1.54
NVNT	ac20	5180	Ant1	97.43	0.11	0.76
NVNT	ac20	5200	Ant1	97.44	0.11	0.76
NVNT	ac20	5240	Ant1	97.47	0.11	0.76
NVNT	ac40	5190	Ant1	95.09	0.22	1.54
NVNT	ac40	5230	Ant1	95.08	0.22	1.54
NVNT	ac80	5210	Ant1	90.67	0.43	3.12

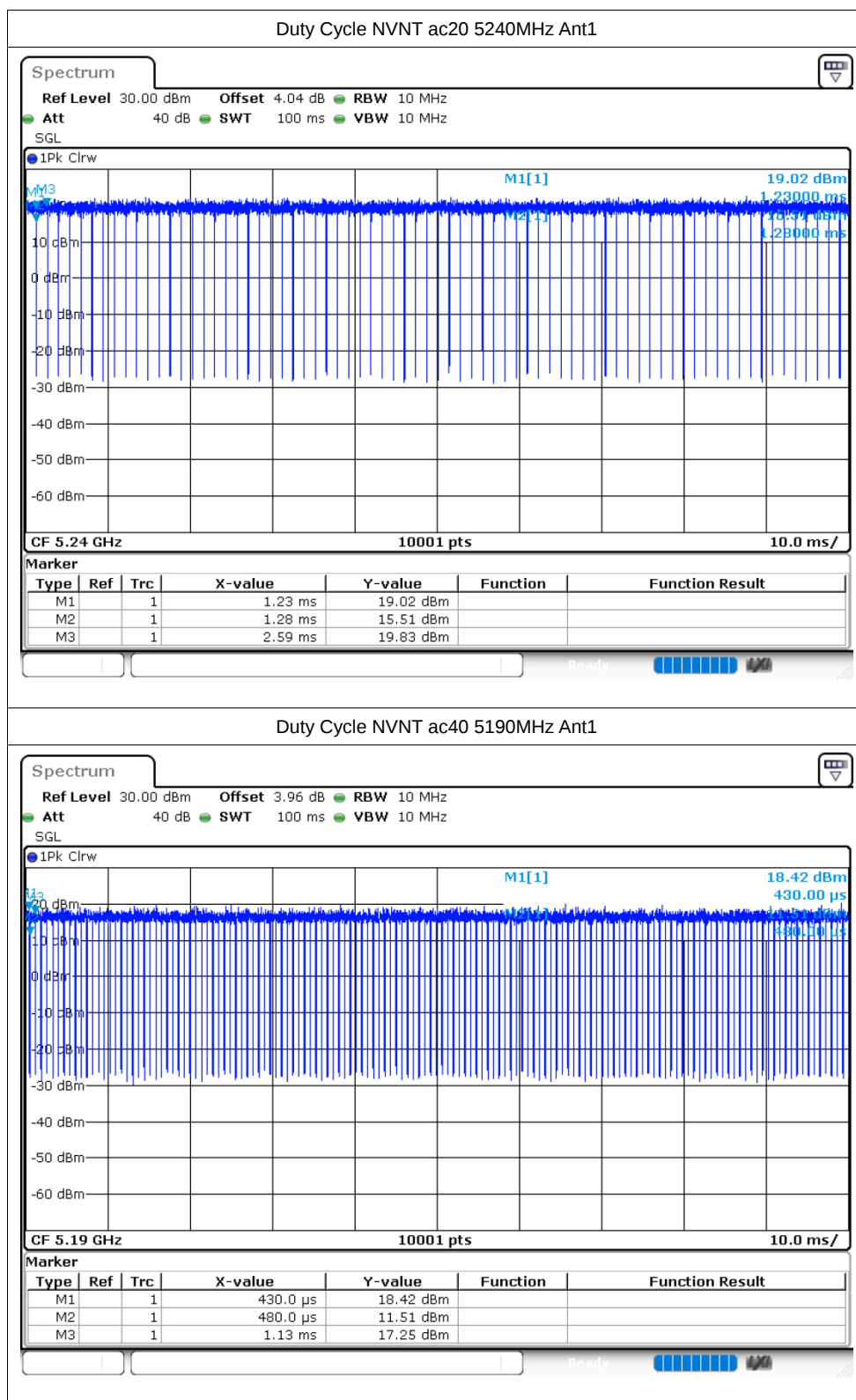


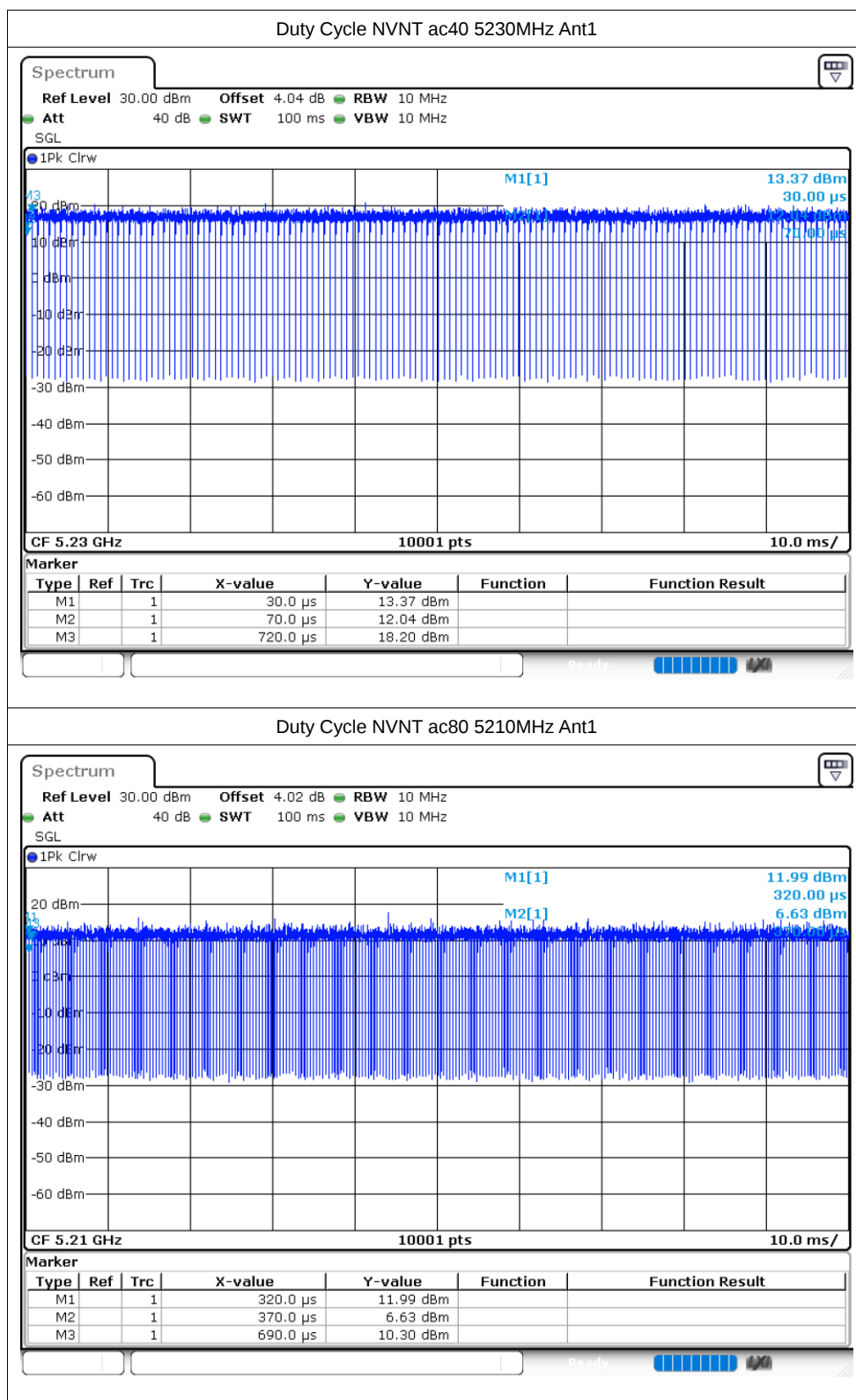












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.46	24	Pass
NVNT	a	5200	Ant1	14.54	24	Pass
NVNT	a	5240	Ant1	14.54	24	Pass
NVNT	n20	5180	Ant1	14.27	24	Pass
NVNT	n20	5200	Ant1	14.42	24	Pass
NVNT	n20	5240	Ant1	14.66	24	Pass
NVNT	n40	5190	Ant1	12.26	24	Pass
NVNT	n40	5230	Ant1	12.38	24	Pass
NVNT	ac20	5180	Ant1	14.58	24	Pass
NVNT	ac20	5200	Ant1	14.45	24	Pass
NVNT	ac20	5240	Ant1	14.51	24	Pass
NVNT	ac40	5190	Ant1	14.38	24	Pass
NVNT	ac40	5230	Ant1	14.37	24	Pass
NVNT	ac80	5210	Ant1	12.5	24	Pass

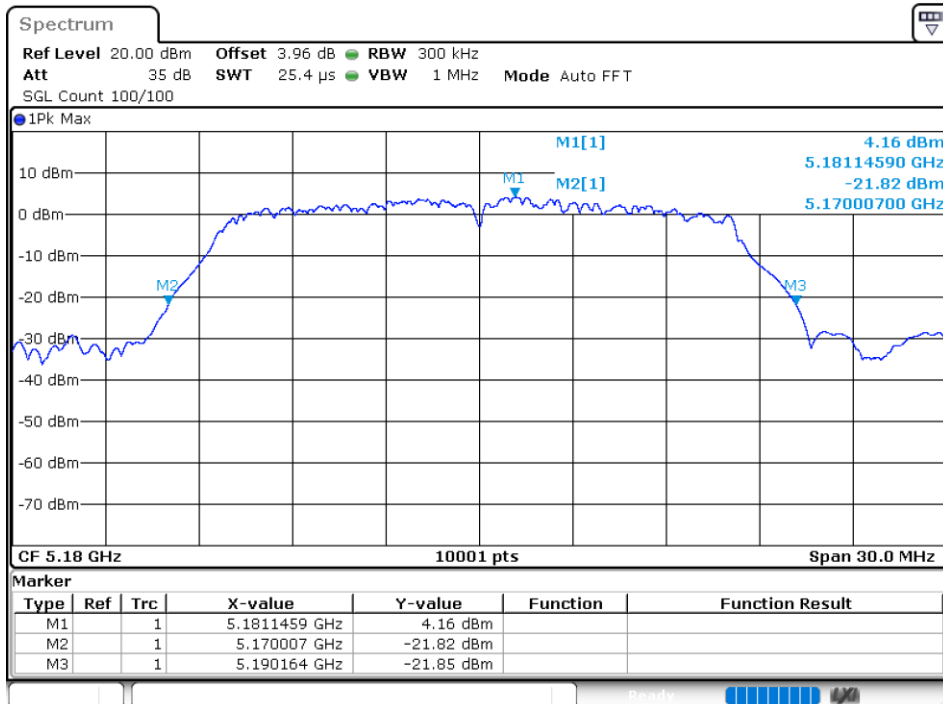
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

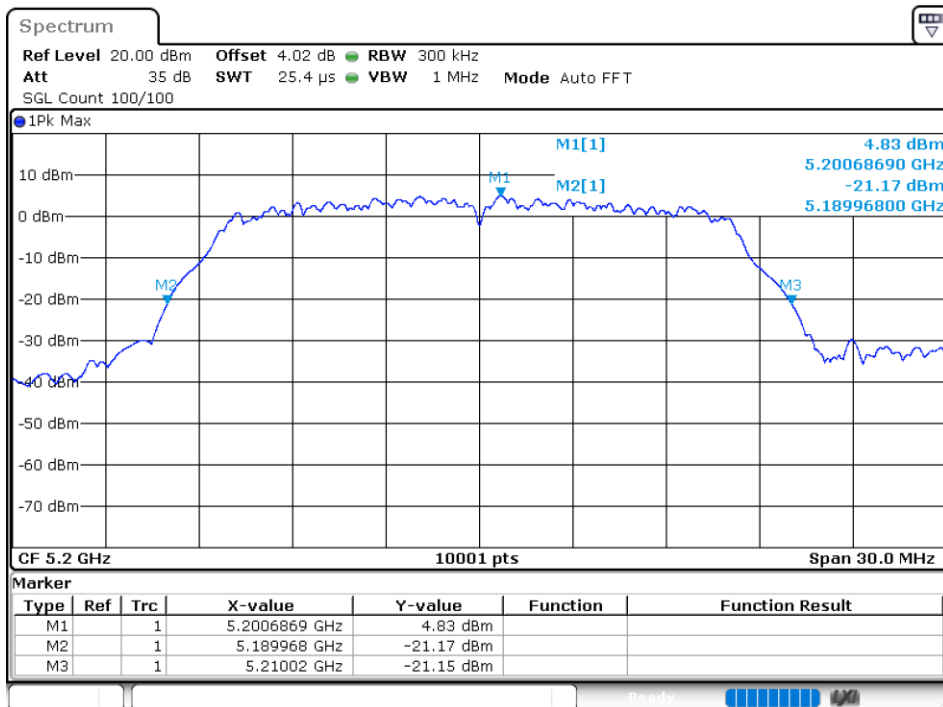
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.157	Pass
NVNT	a	5200	Ant1	20.052	Pass
NVNT	a	5240	Ant1	19.785	Pass
NVNT	n20	5180	Ant1	19.848	Pass
NVNT	n20	5200	Ant1	20.4	Pass
NVNT	n20	5240	Ant1	19.998	Pass
NVNT	n40	5190	Ant1	40.782	Pass
NVNT	n40	5230	Ant1	40.512	Pass
NVNT	ac20	5180	Ant1	19.902	Pass
NVNT	ac20	5200	Ant1	19.83	Pass
NVNT	ac20	5240	Ant1	19.923	Pass
NVNT	ac40	5190	Ant1	44.148	Pass
NVNT	ac40	5230	Ant1	42.366	Pass
NVNT	ac80	5210	Ant1	81.192	Pass

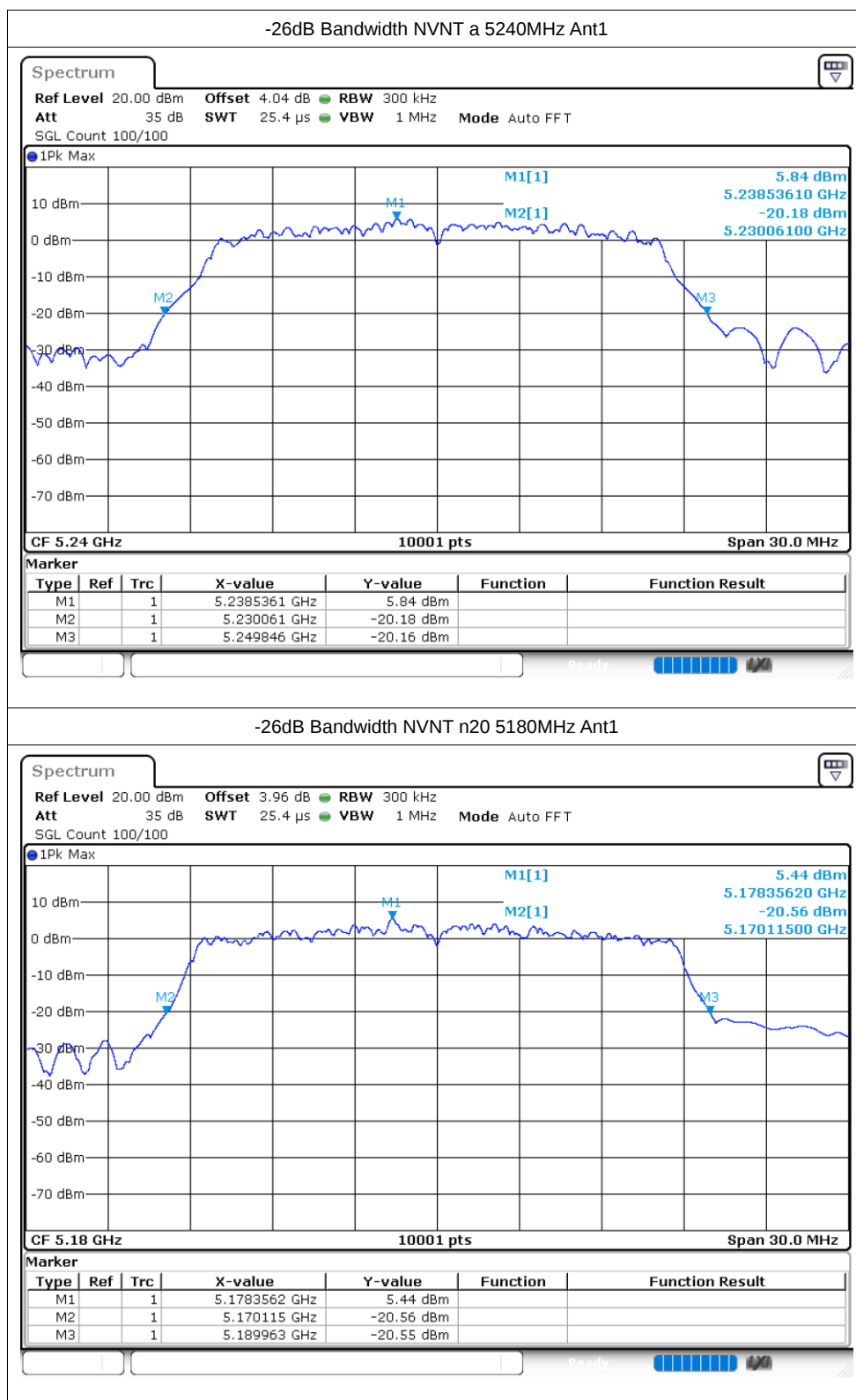
Test Graphs

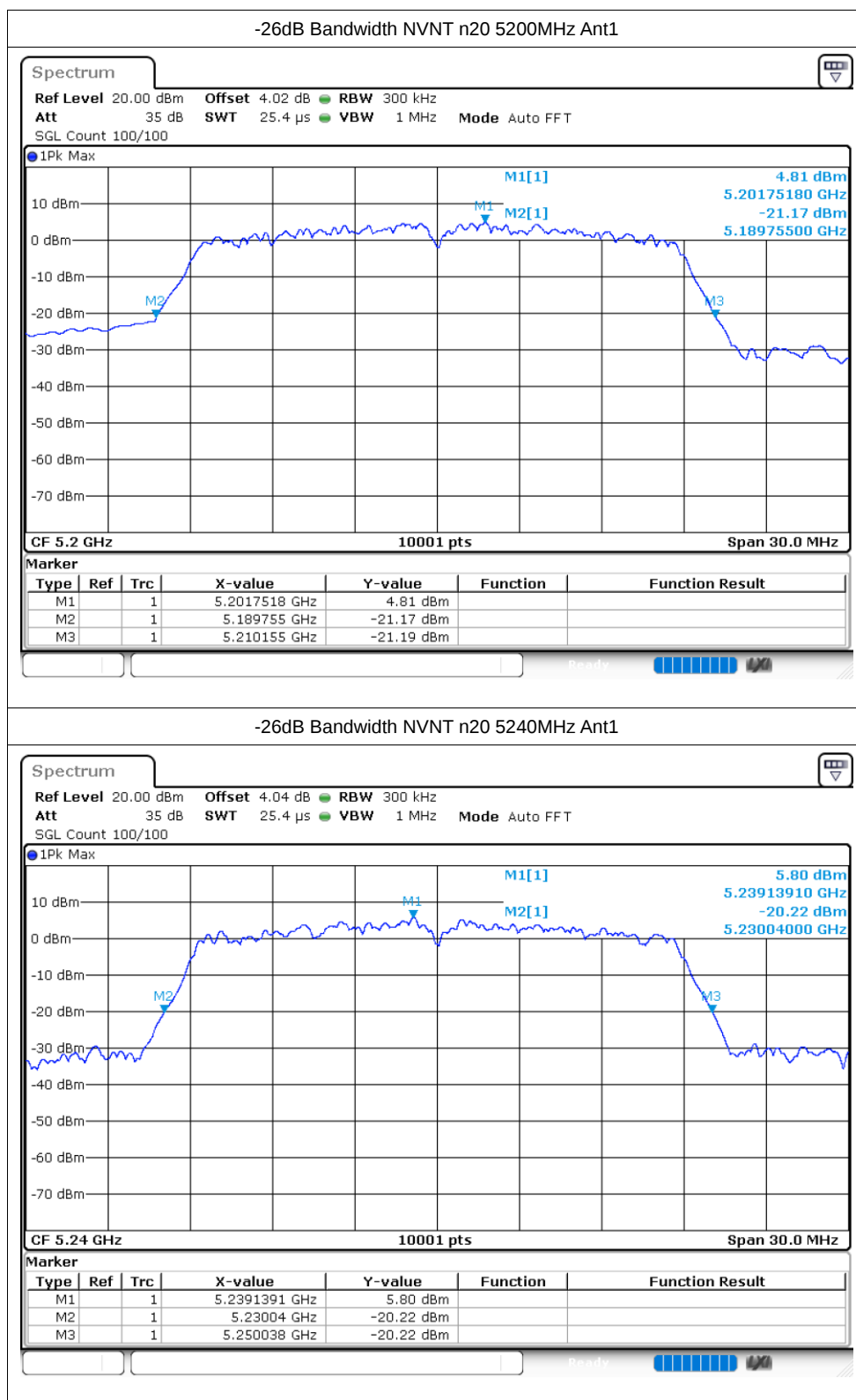
-26dB Bandwidth NVNT a 5180MHz Ant1

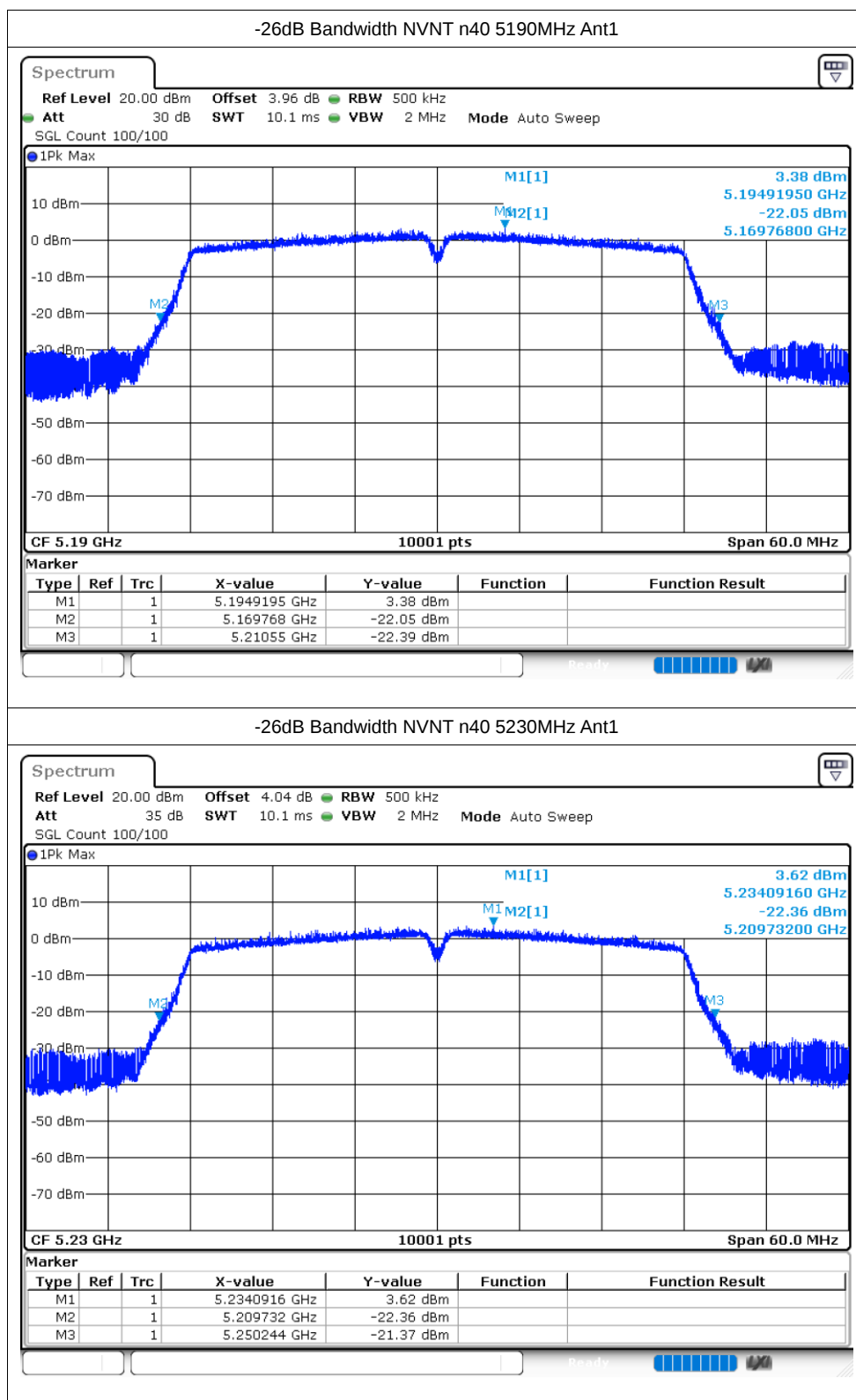


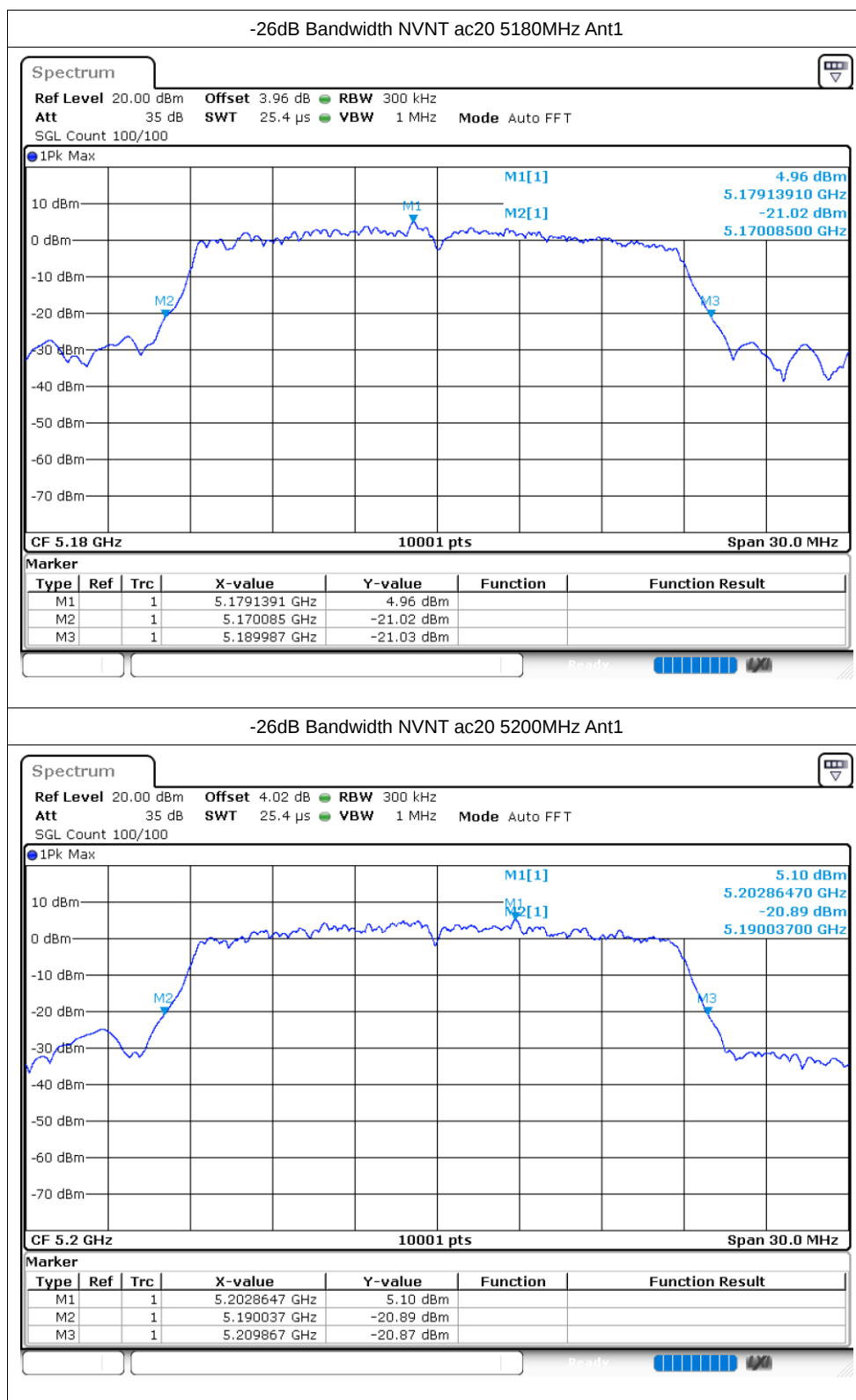
-26dB Bandwidth NVNT a 5200MHz Ant1

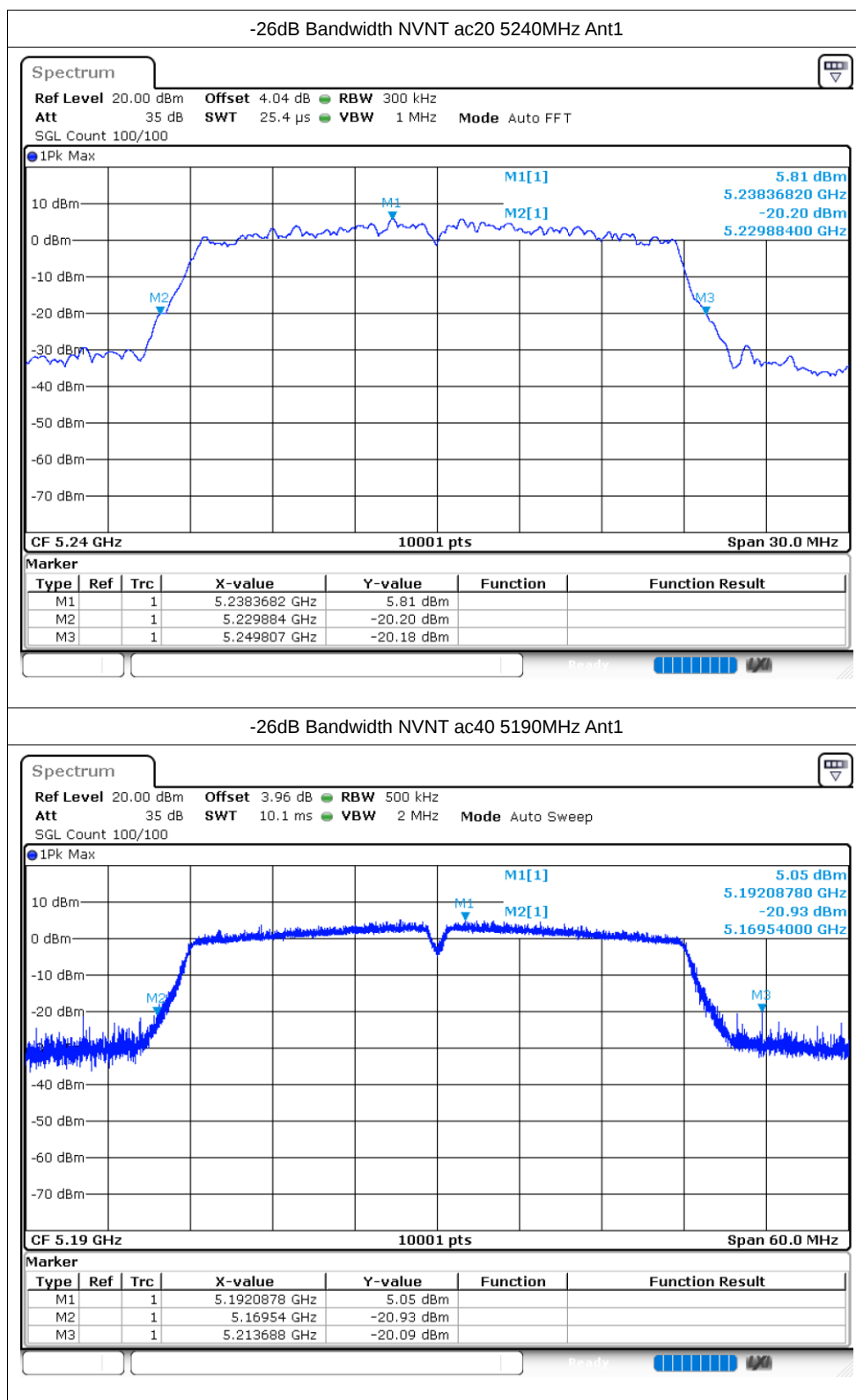


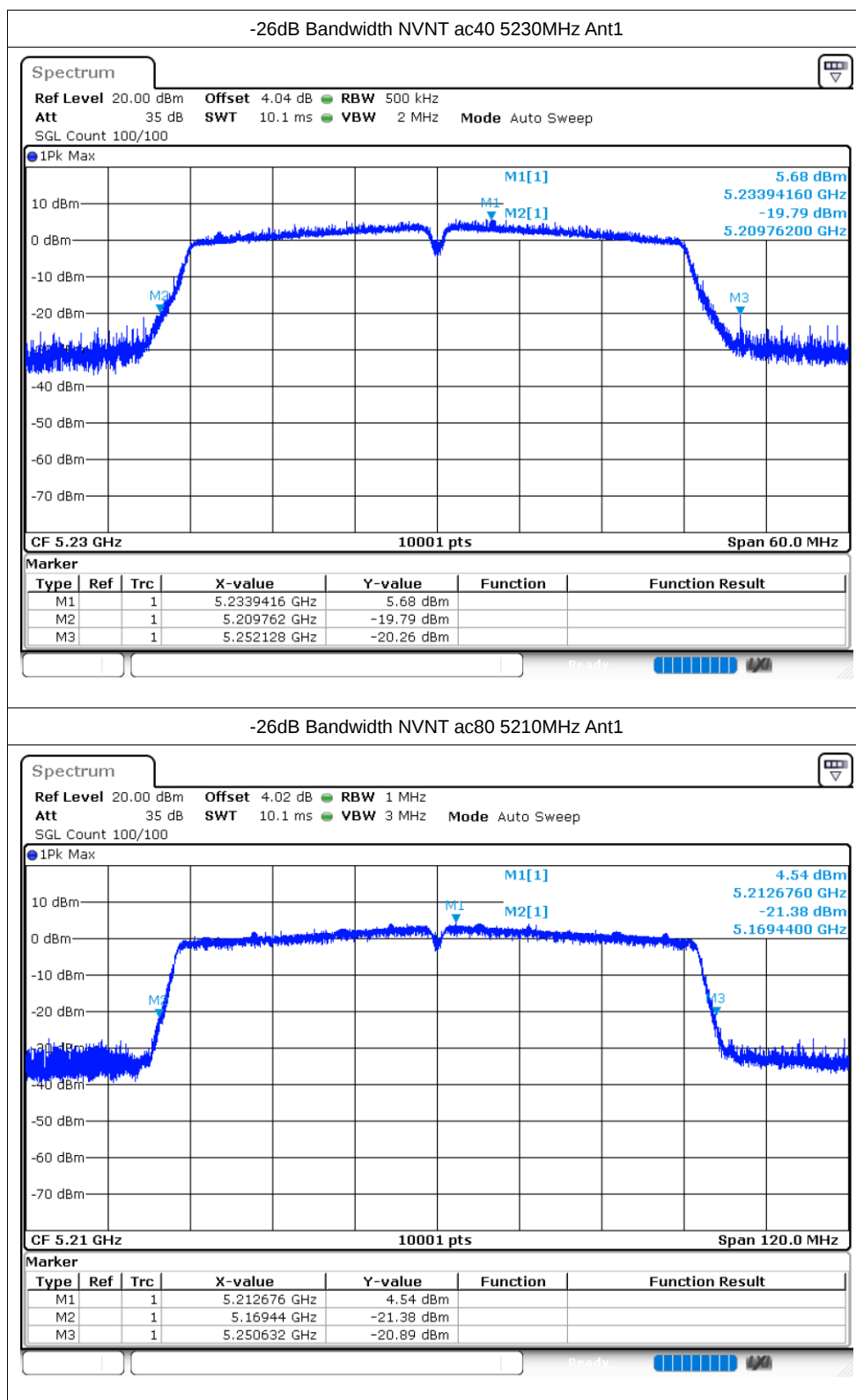










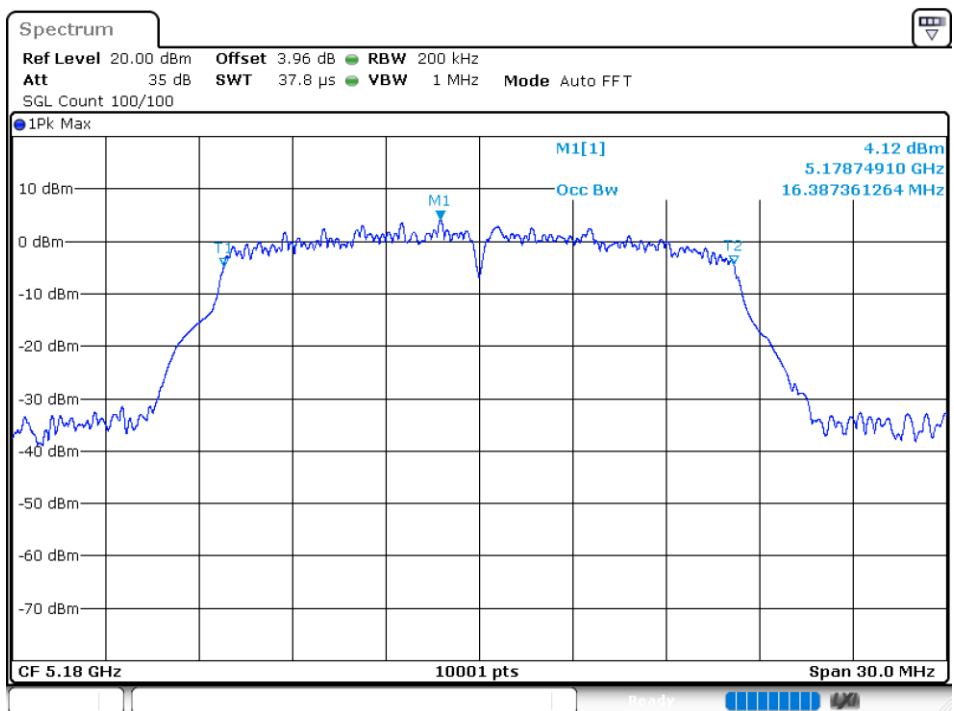


Occupied Channel Bandwidth

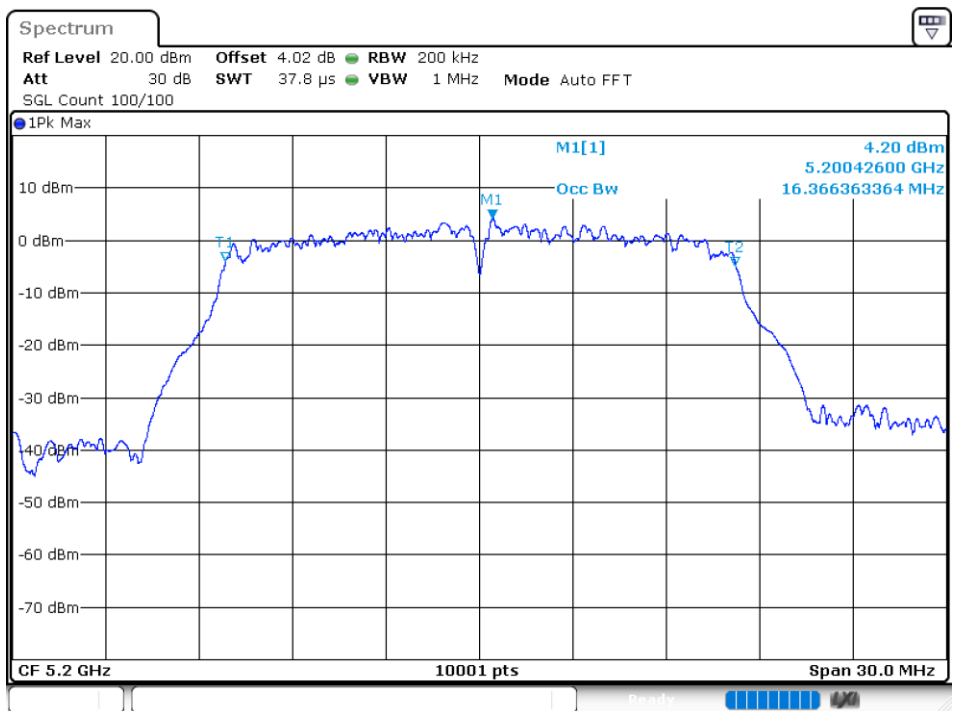
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.387
NVNT	a	5200	Ant1	16.366
NVNT	a	5240	Ant1	16.342
NVNT	n20	5180	Ant1	17.497
NVNT	n20	5200	Ant1	17.575
NVNT	n20	5240	Ant1	17.599
NVNT	n40	5190	Ant1	36.092
NVNT	n40	5230	Ant1	36.02
NVNT	ac20	5180	Ant1	17.593
NVNT	ac20	5200	Ant1	17.554
NVNT	ac20	5240	Ant1	17.518
NVNT	ac40	5190	Ant1	36.074
NVNT	ac40	5230	Ant1	35.984
NVNT	ac80	5210	Ant1	75.22

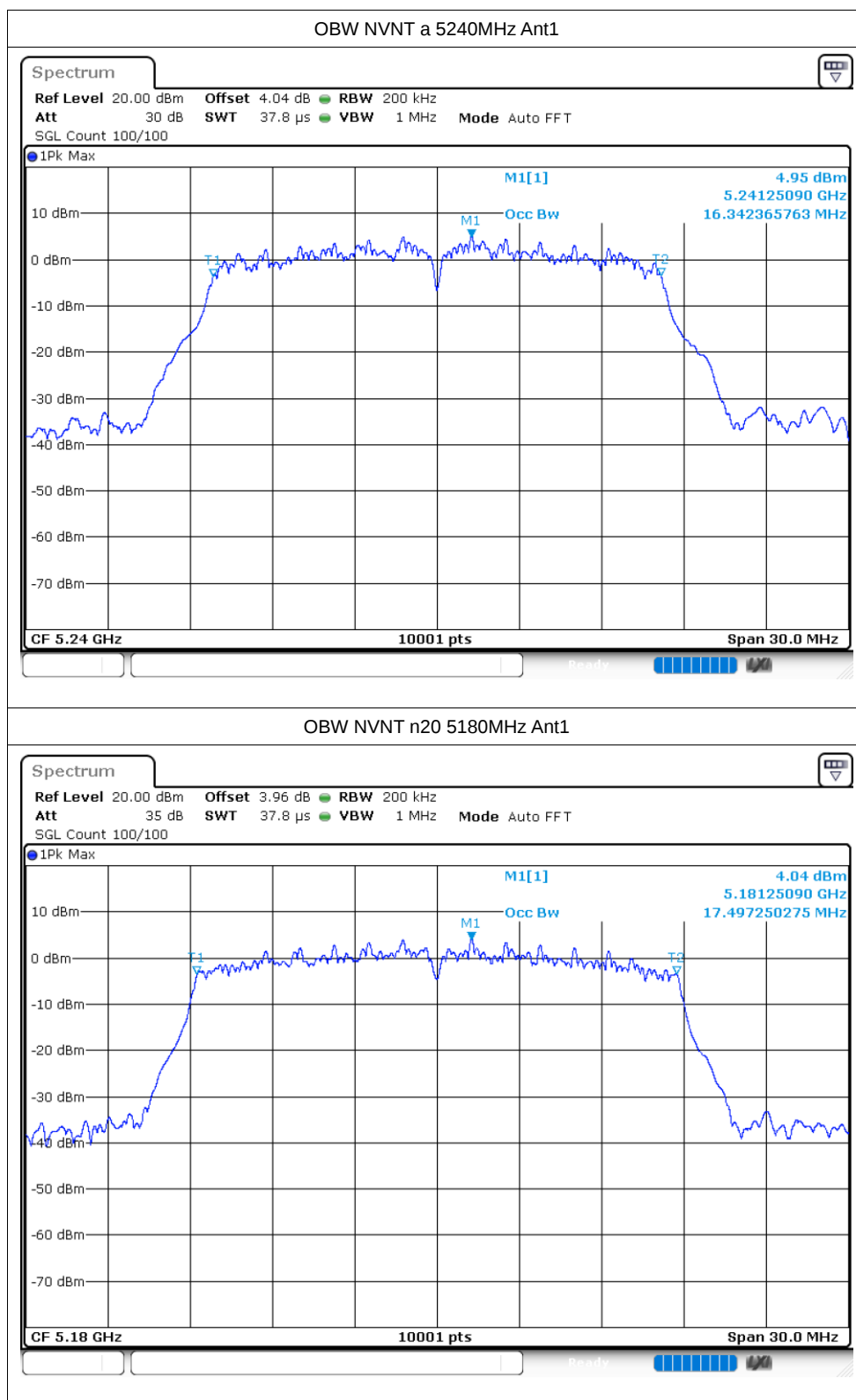
Test Graphs

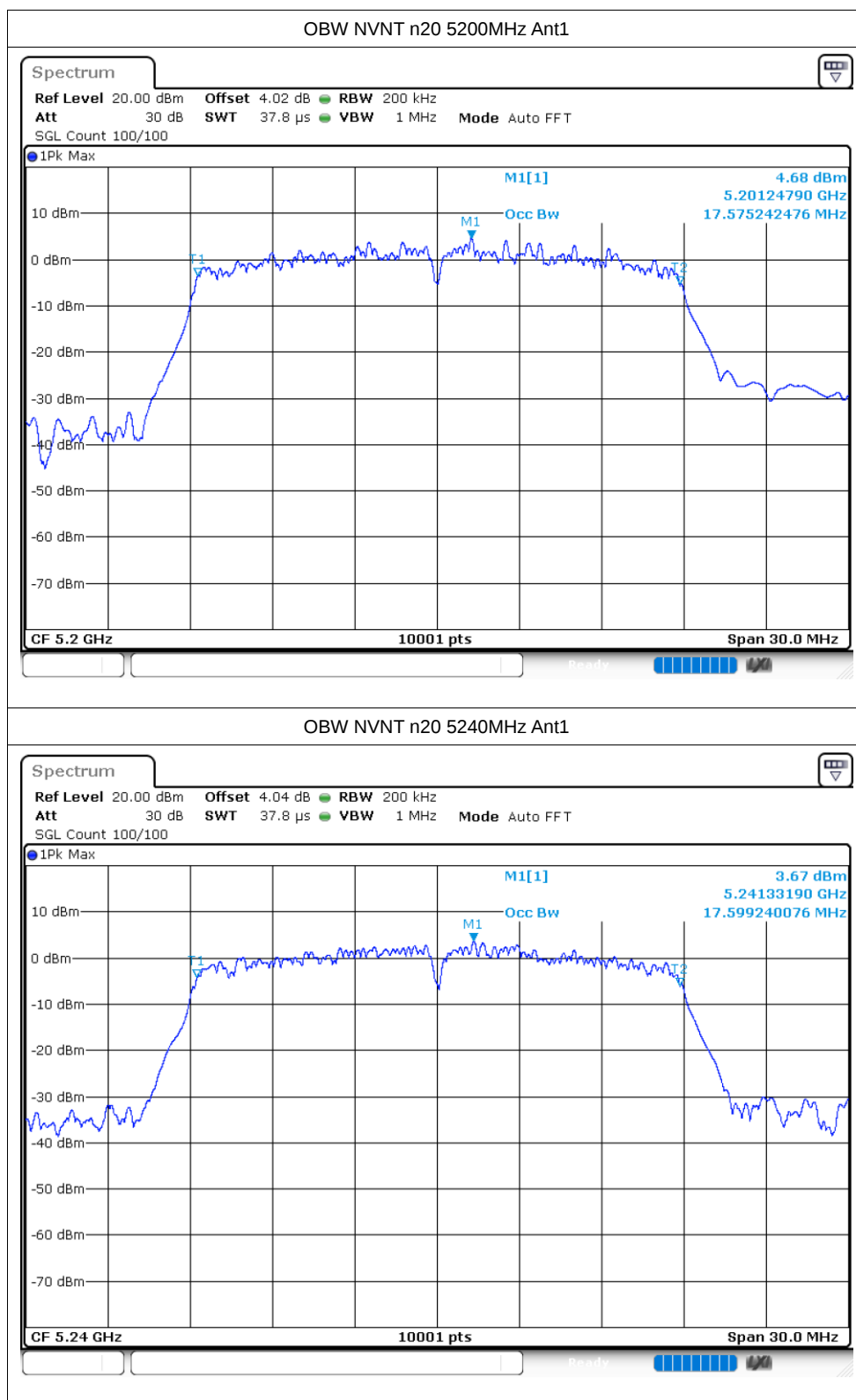
OBW NVNT a 5180MHz Ant1

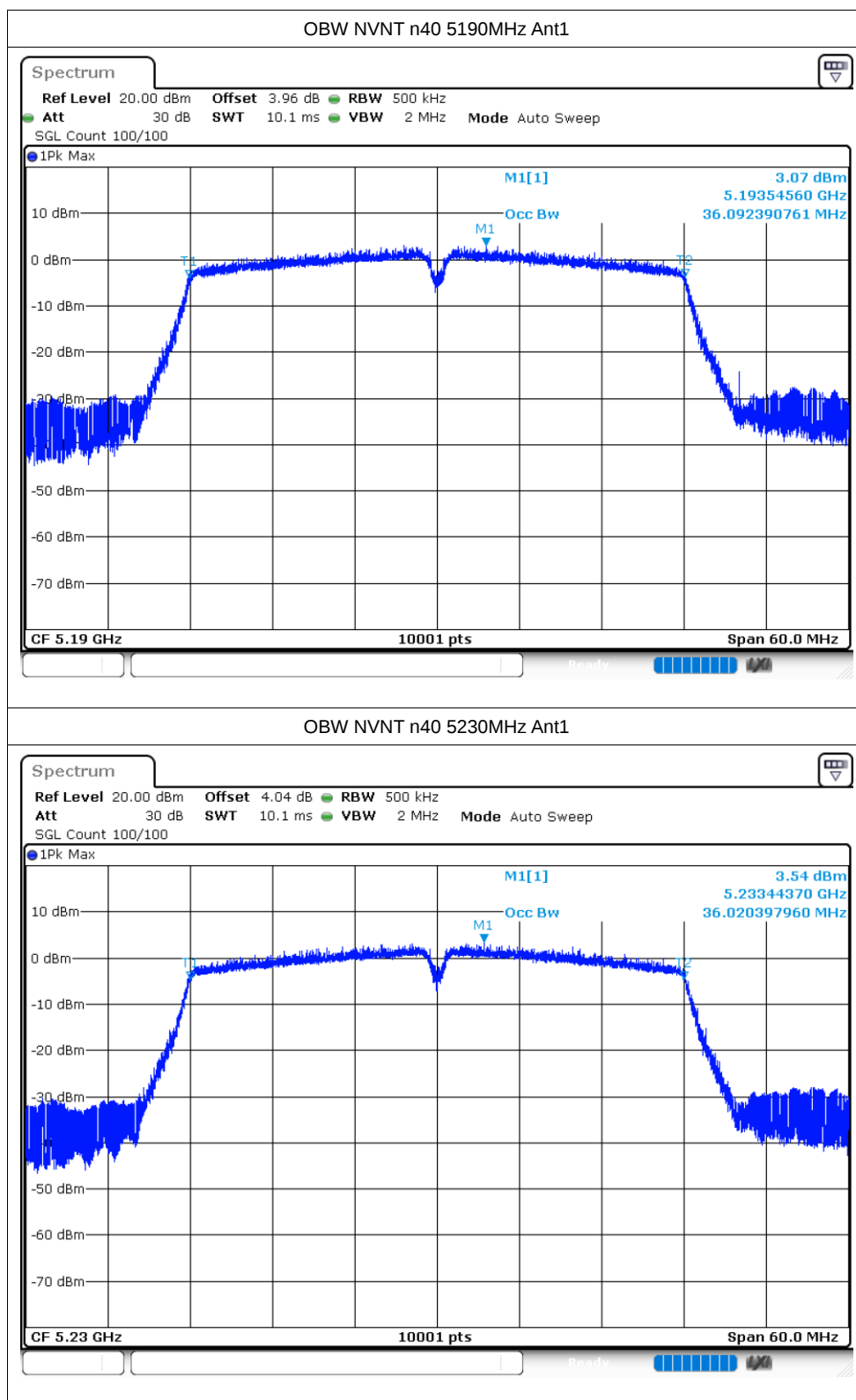


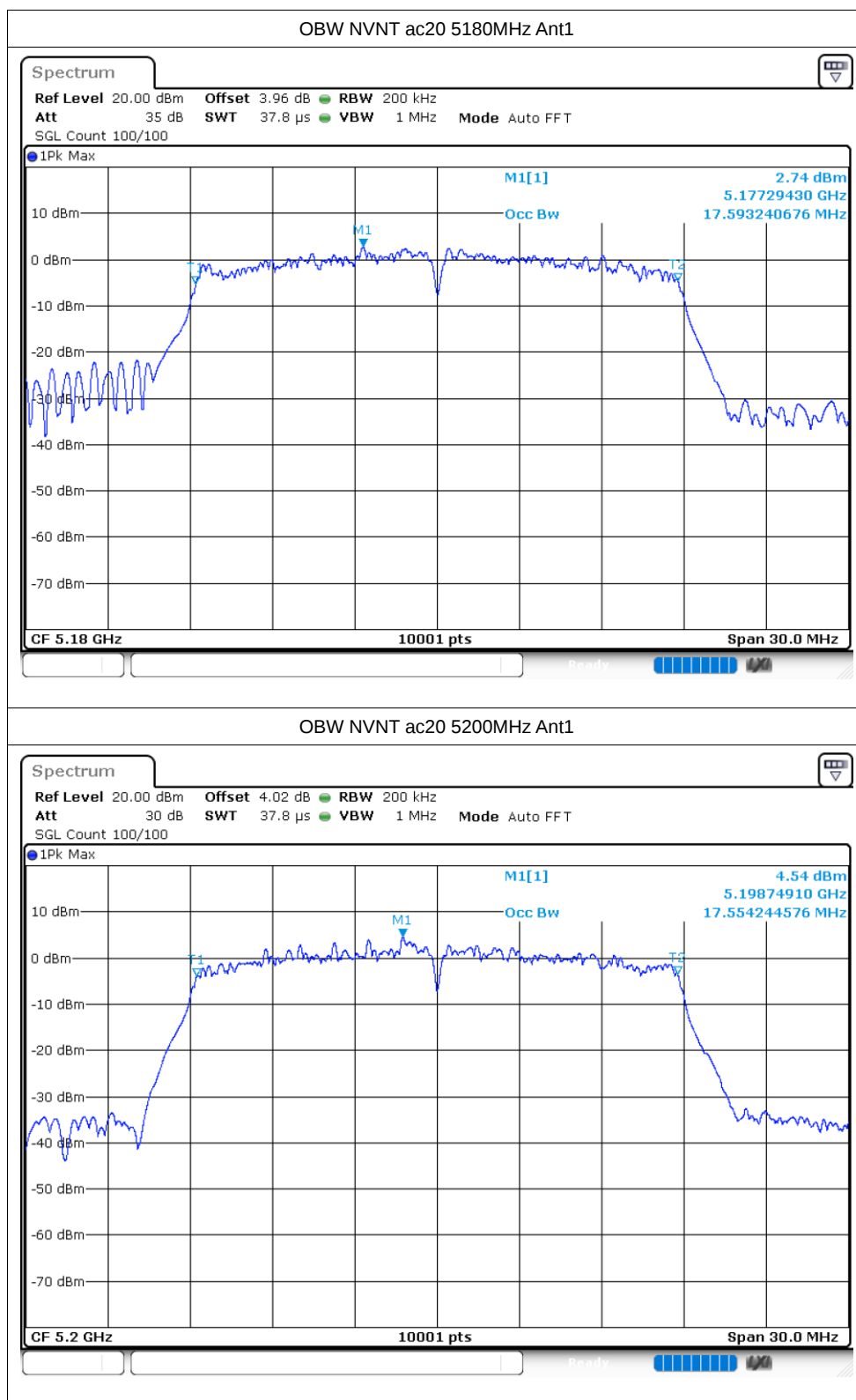
OBW NVNT a 5200MHz Ant1

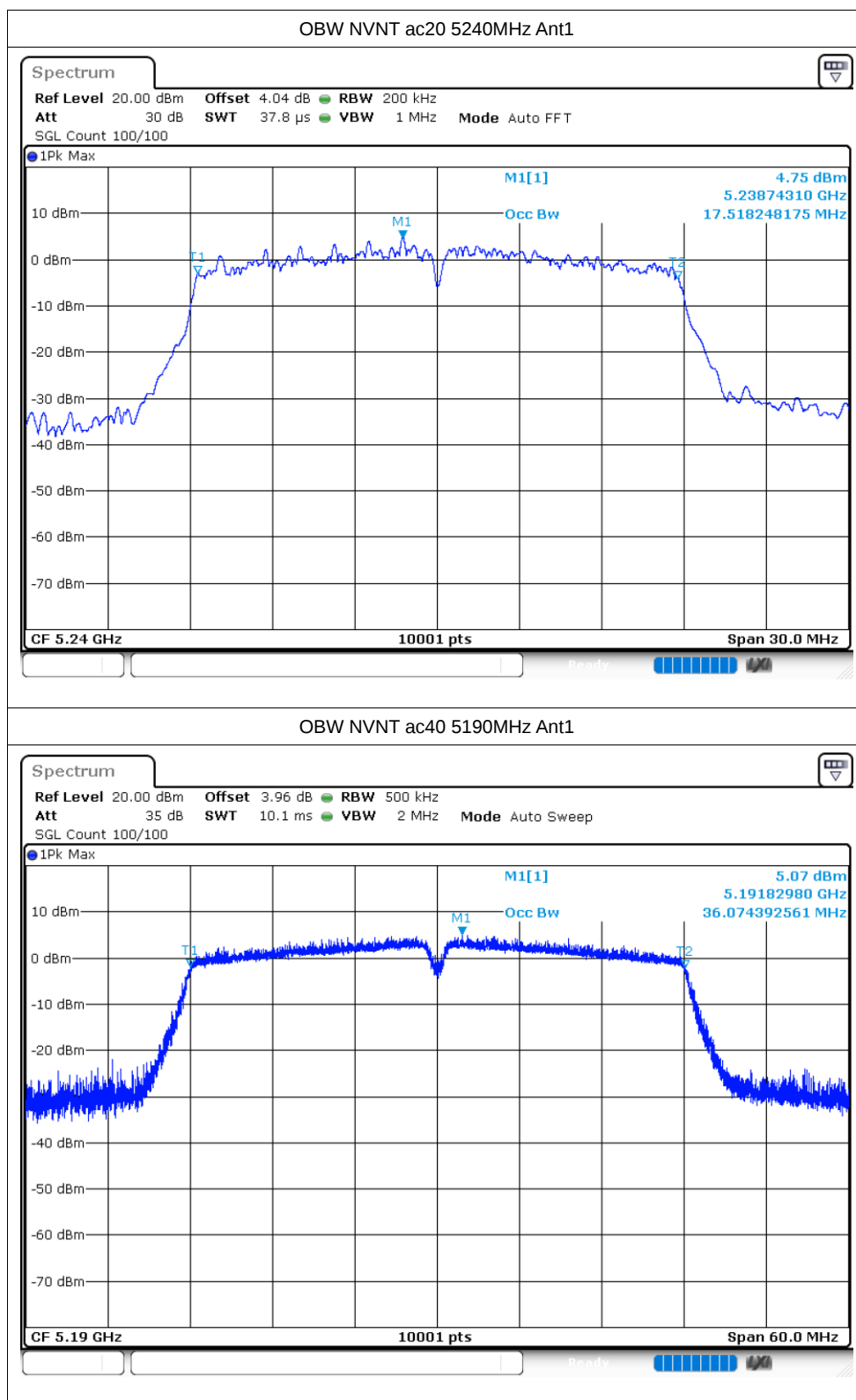


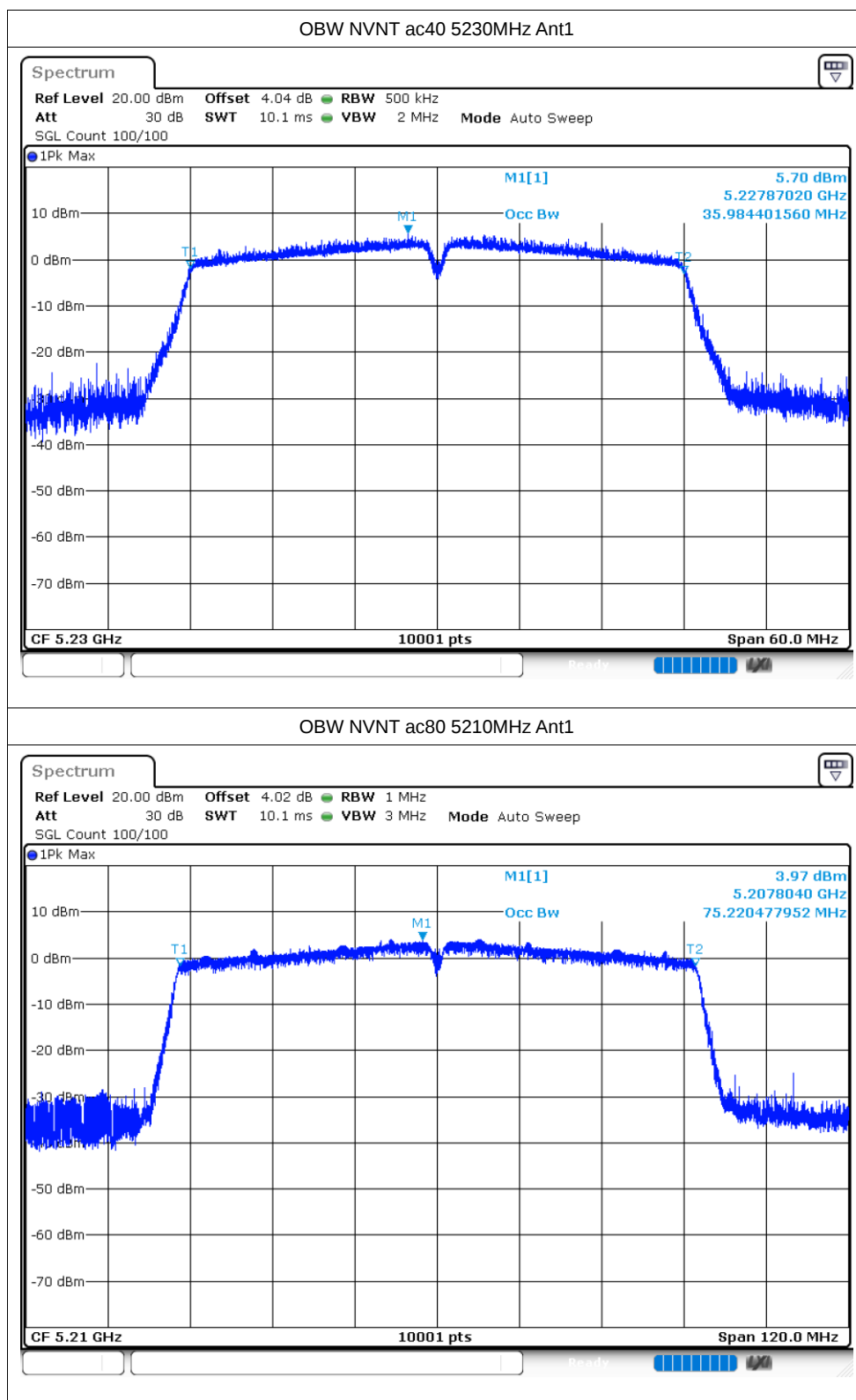










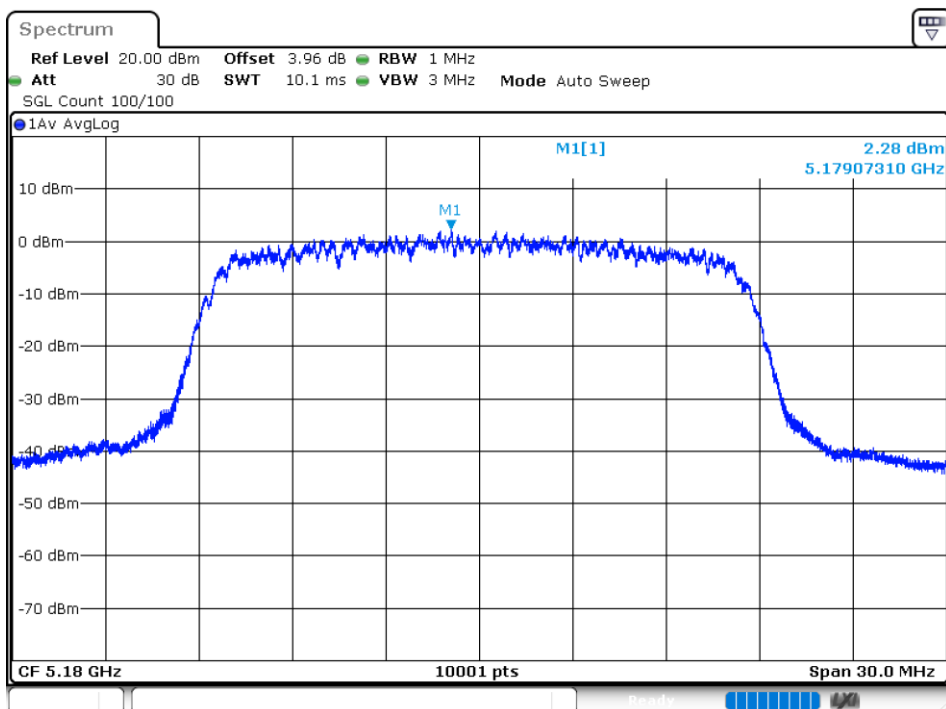


Maximum Power Spectral Density Level

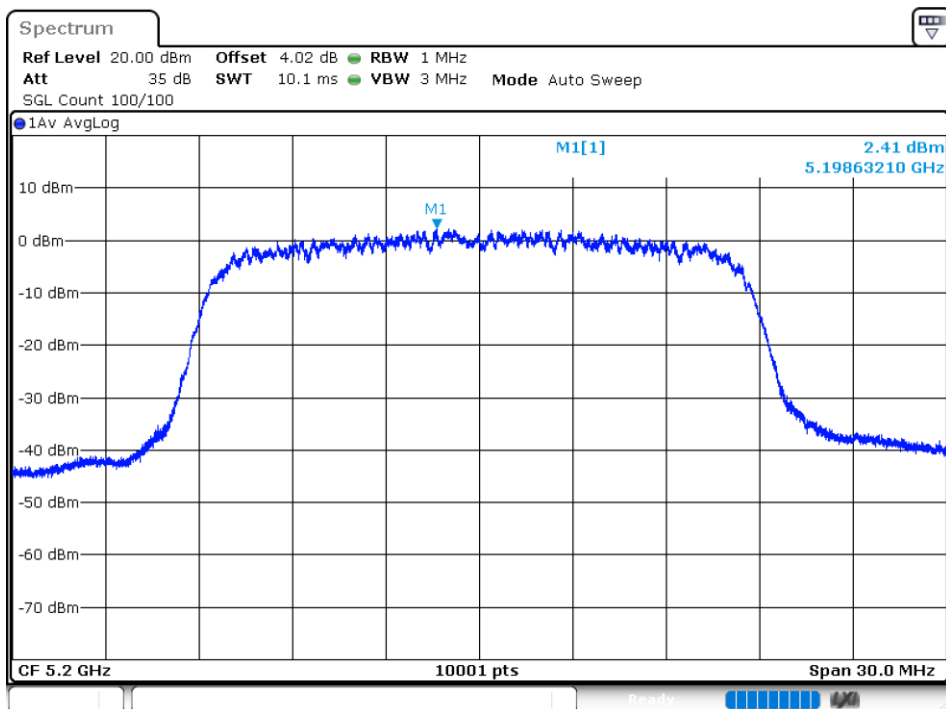
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.28	0.11	2.39	11	Pass
NVNT	a	5200	Ant1	2.41	0.11	2.52	11	Pass
NVNT	a	5240	Ant1	2.88	0.11	2.99	11	Pass
NVNT	n20	5180	Ant1	1.19	0.11	1.3	11	Pass
NVNT	n20	5200	Ant1	2.34	0.11	2.45	11	Pass
NVNT	n20	5240	Ant1	2.46	0.11	2.57	11	Pass
NVNT	n40	5190	Ant1	-4.81	0.22	-4.59	11	Pass
NVNT	n40	5230	Ant1	-4.02	0.22	-3.8	11	Pass
NVNT	ac20	5180	Ant1	1.3	0.11	1.41	11	Pass
NVNT	ac20	5200	Ant1	2.2	0.11	2.31	11	Pass
NVNT	ac20	5240	Ant1	2.43	0.11	2.54	11	Pass
NVNT	ac40	5190	Ant1	-2.14	0.22	-1.92	11	Pass
NVNT	ac40	5230	Ant1	-1.63	0.22	-1.41	11	Pass
NVNT	ac80	5210	Ant1	-8.87	0.43	-8.44	11	Pass

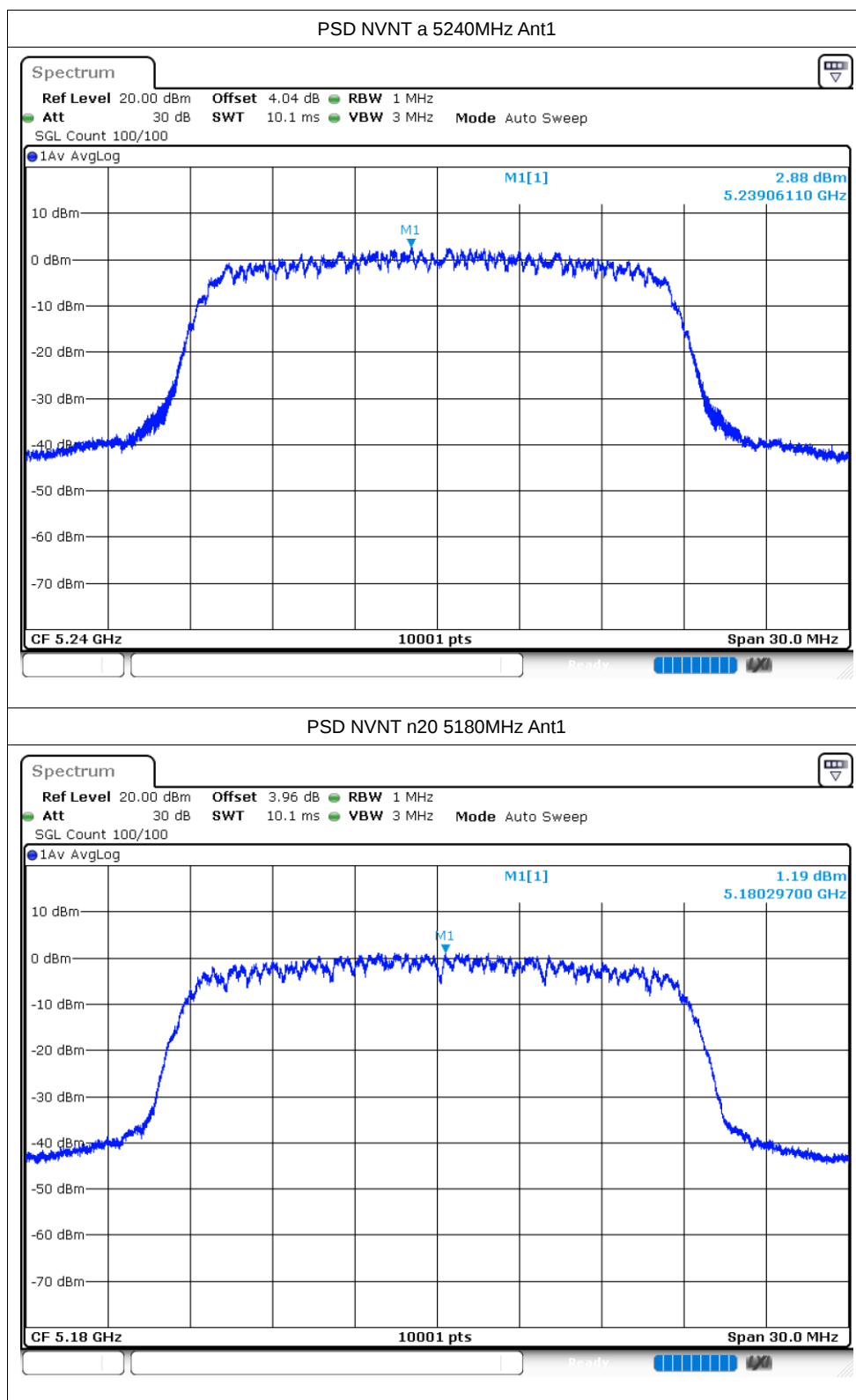
Test Graphs

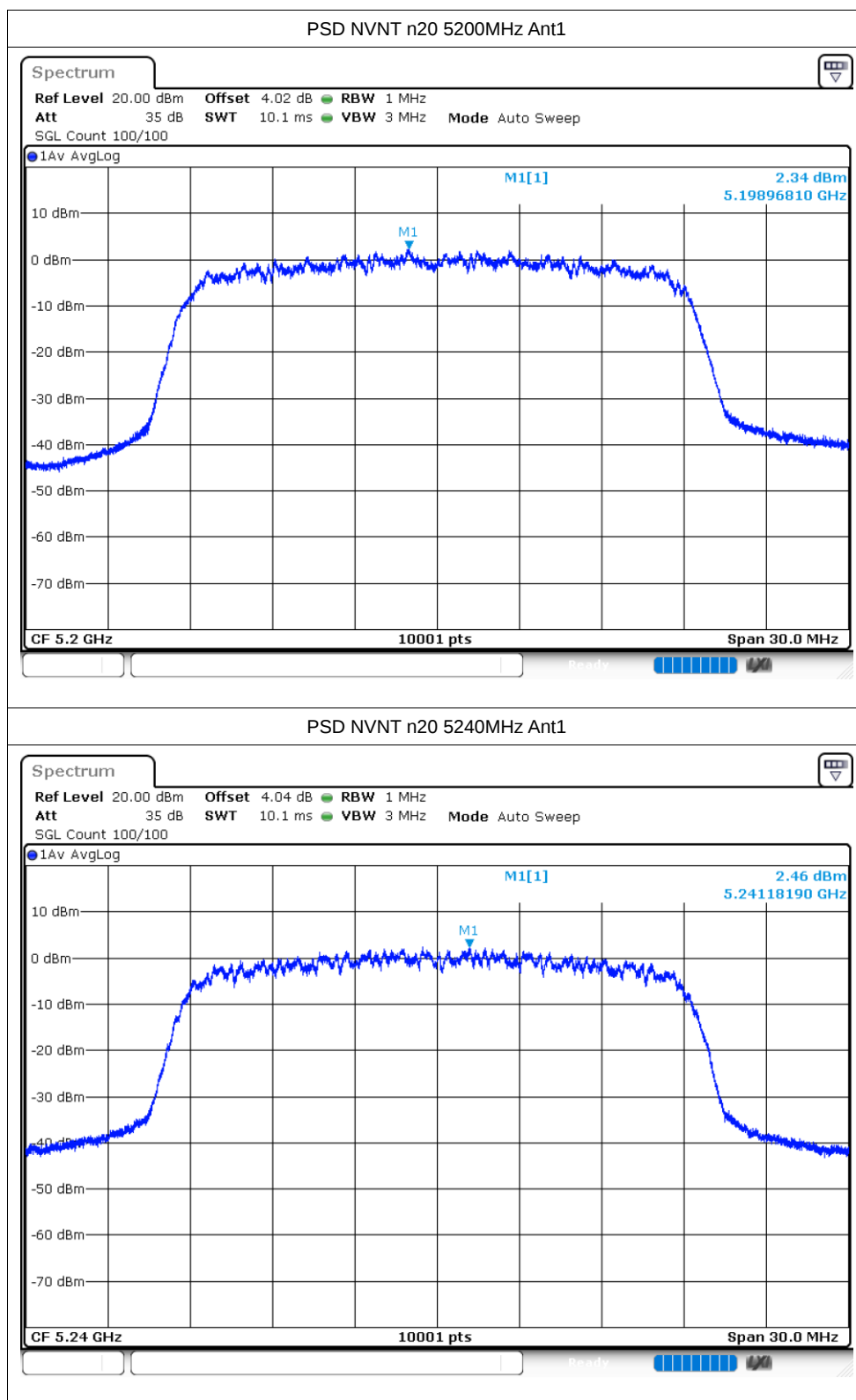
PSD NVNT a 5180MHz Ant1

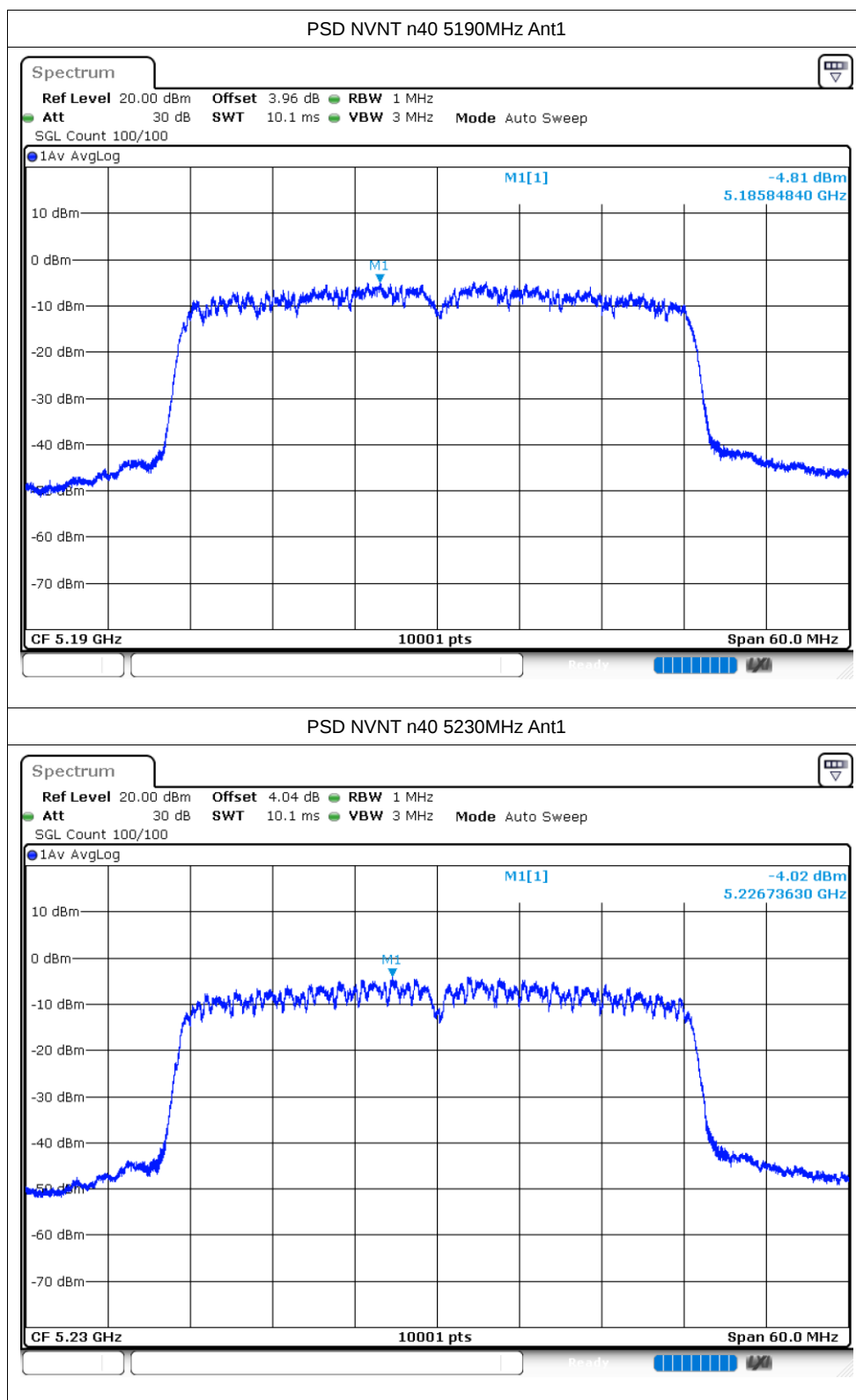


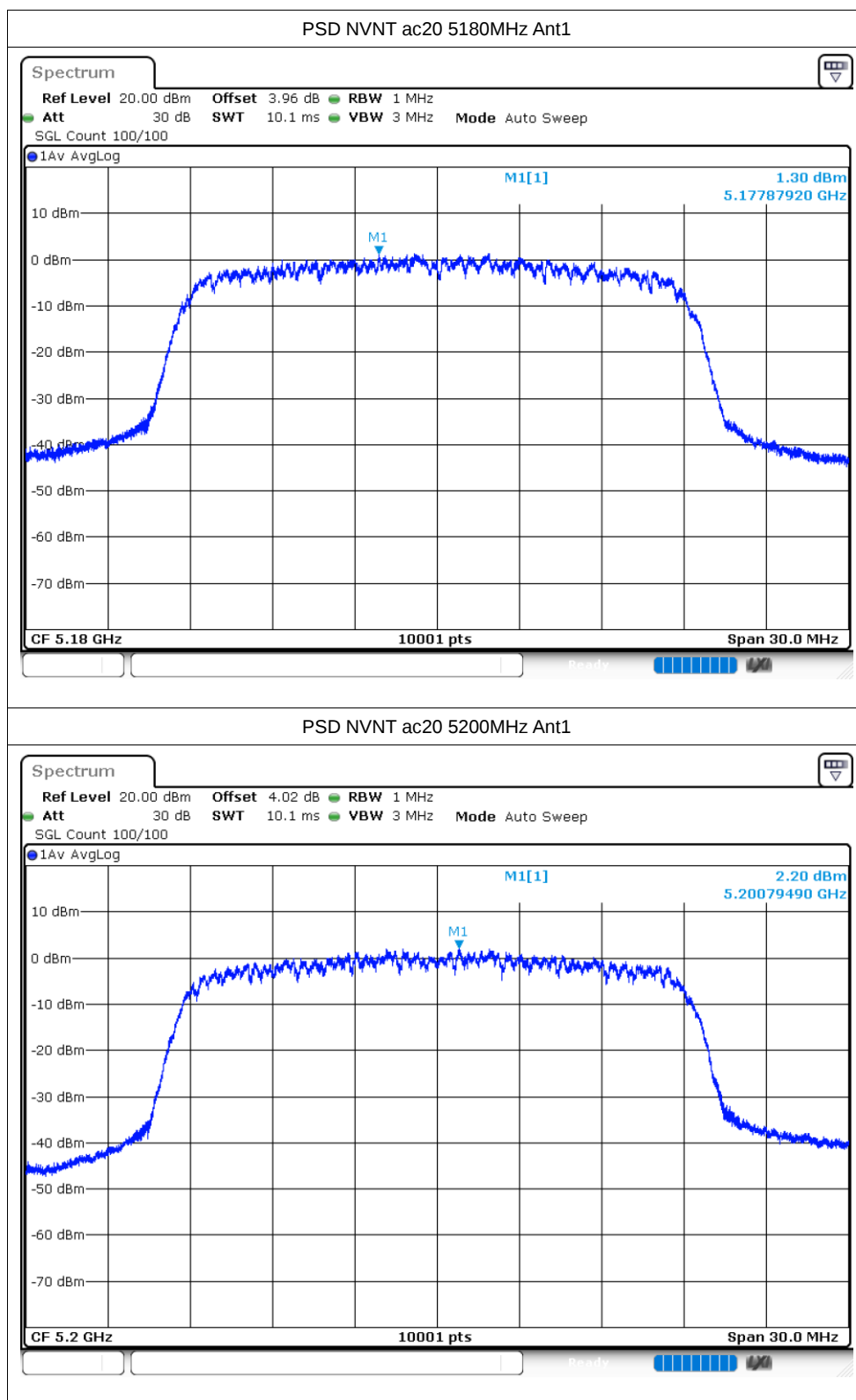
PSD NVNT a 5200MHz Ant1

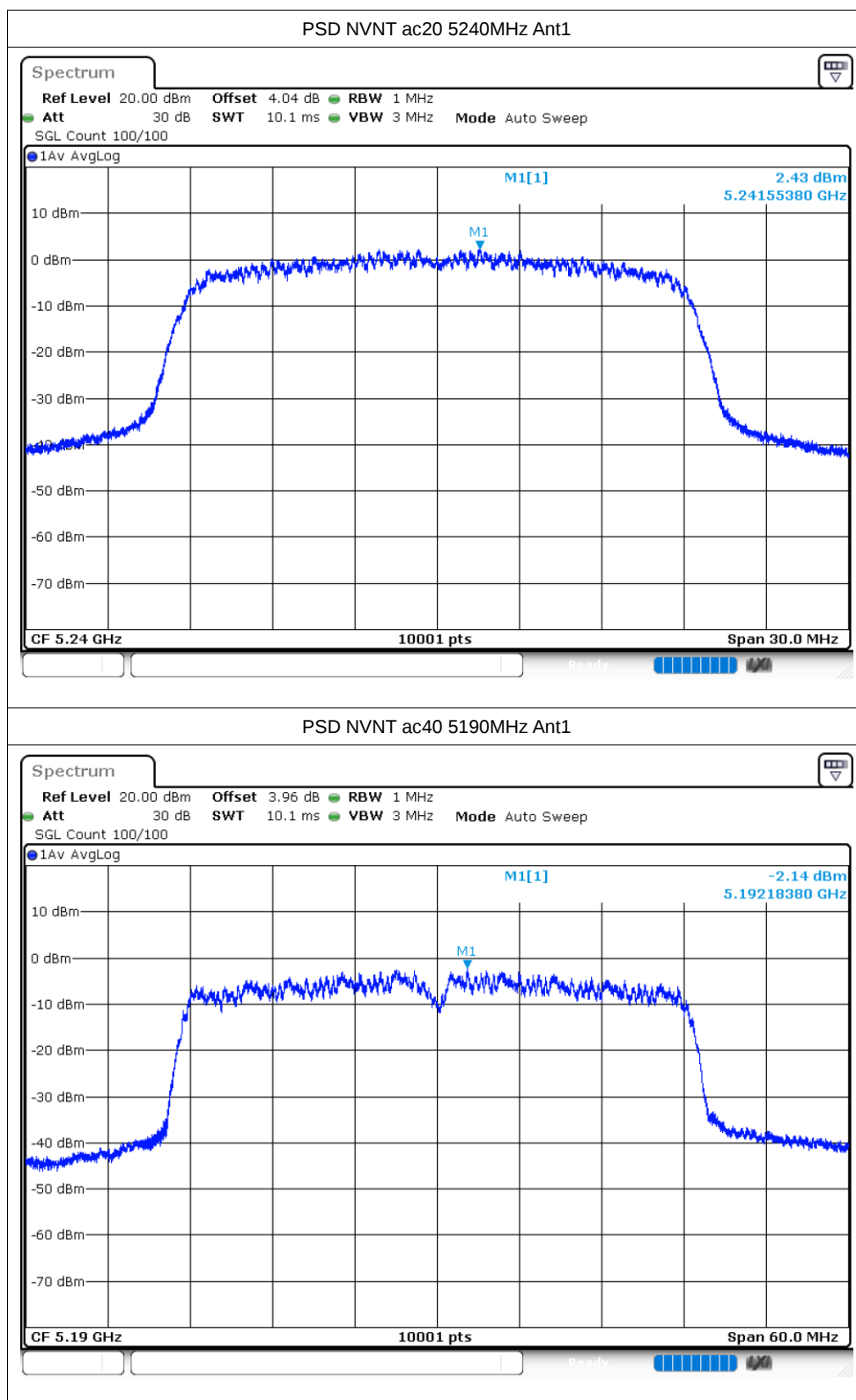


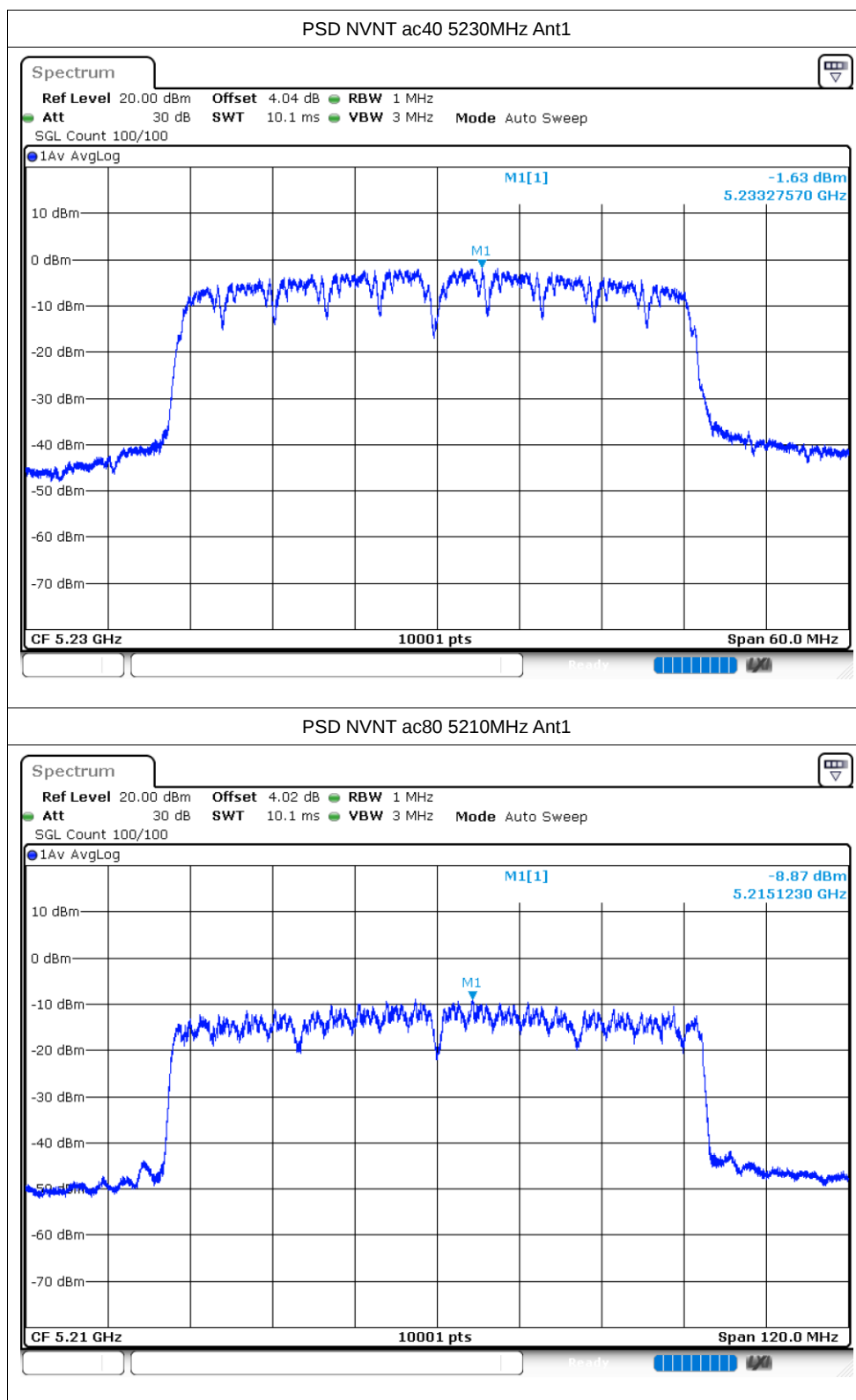










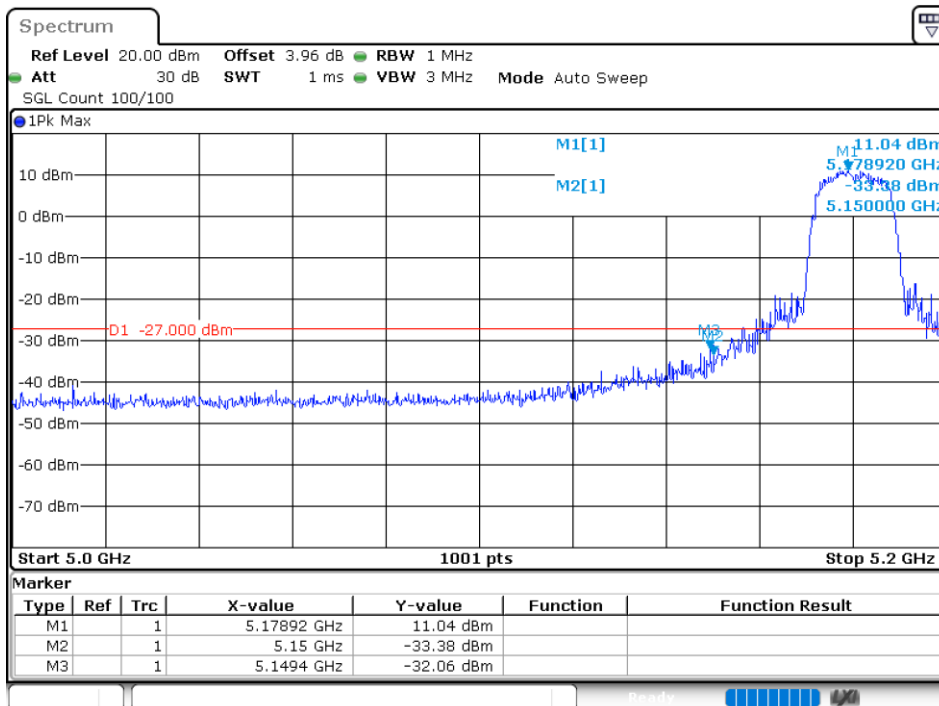


Band Edge

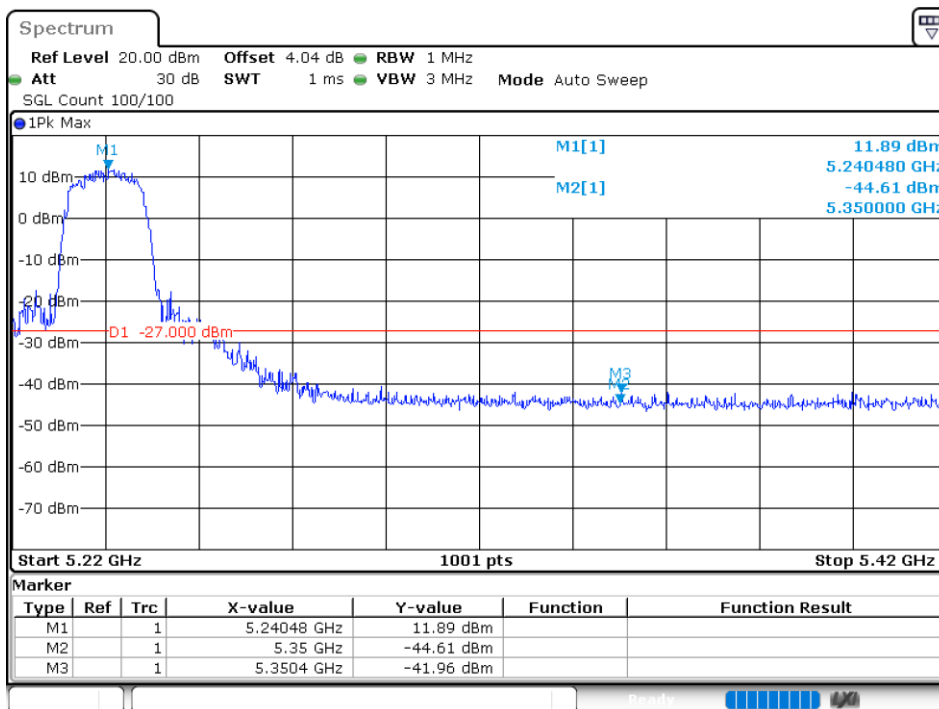
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.06	-27	Pass
NVNT	a	5240	Ant1	-41.95	-27	Pass
NVNT	n20	5180	Ant1	-30.49	-27	Pass
NVNT	n20	5240	Ant1	-41.29	-27	Pass
NVNT	n40	5190	Ant1	-29.66	-27	Pass
NVNT	n40	5230	Ant1	-42.59	-27	Pass
NVNT	ac20	5180	Ant1	-32.6	-27	Pass
NVNT	ac20	5240	Ant1	-42.2	-27	Pass
NVNT	ac40	5190	Ant1	-28.7	-27	Pass
NVNT	ac40	5230	Ant1	-41.89	-27	Pass
NVNT	ac80	5210	Ant1	-42.47	-27	Pass
NVNT	ac80	5210	Ant1	-31.94	-27	Pass

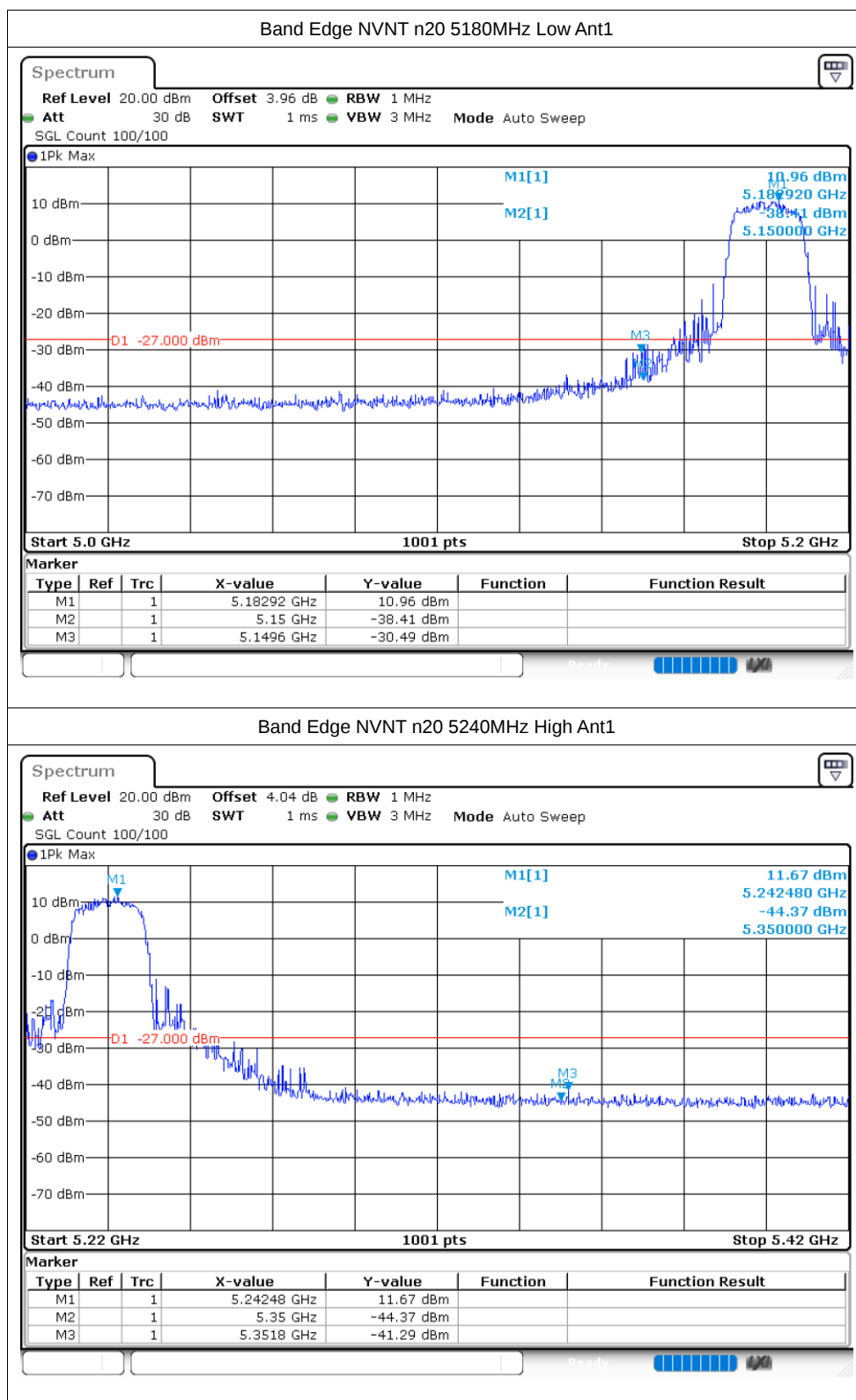
Test Graphs

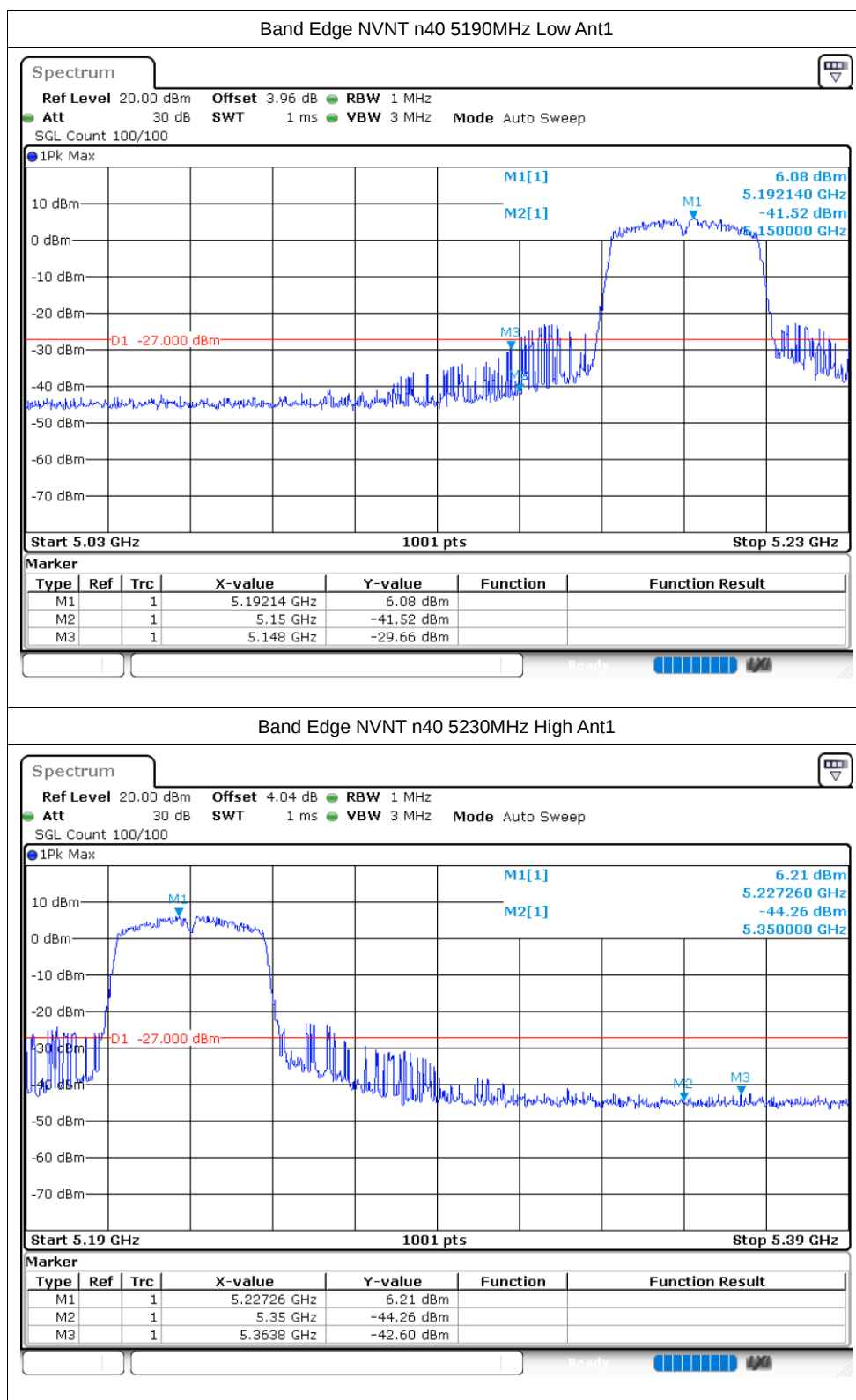
Band Edge NVNT a 5180MHz Low Ant1

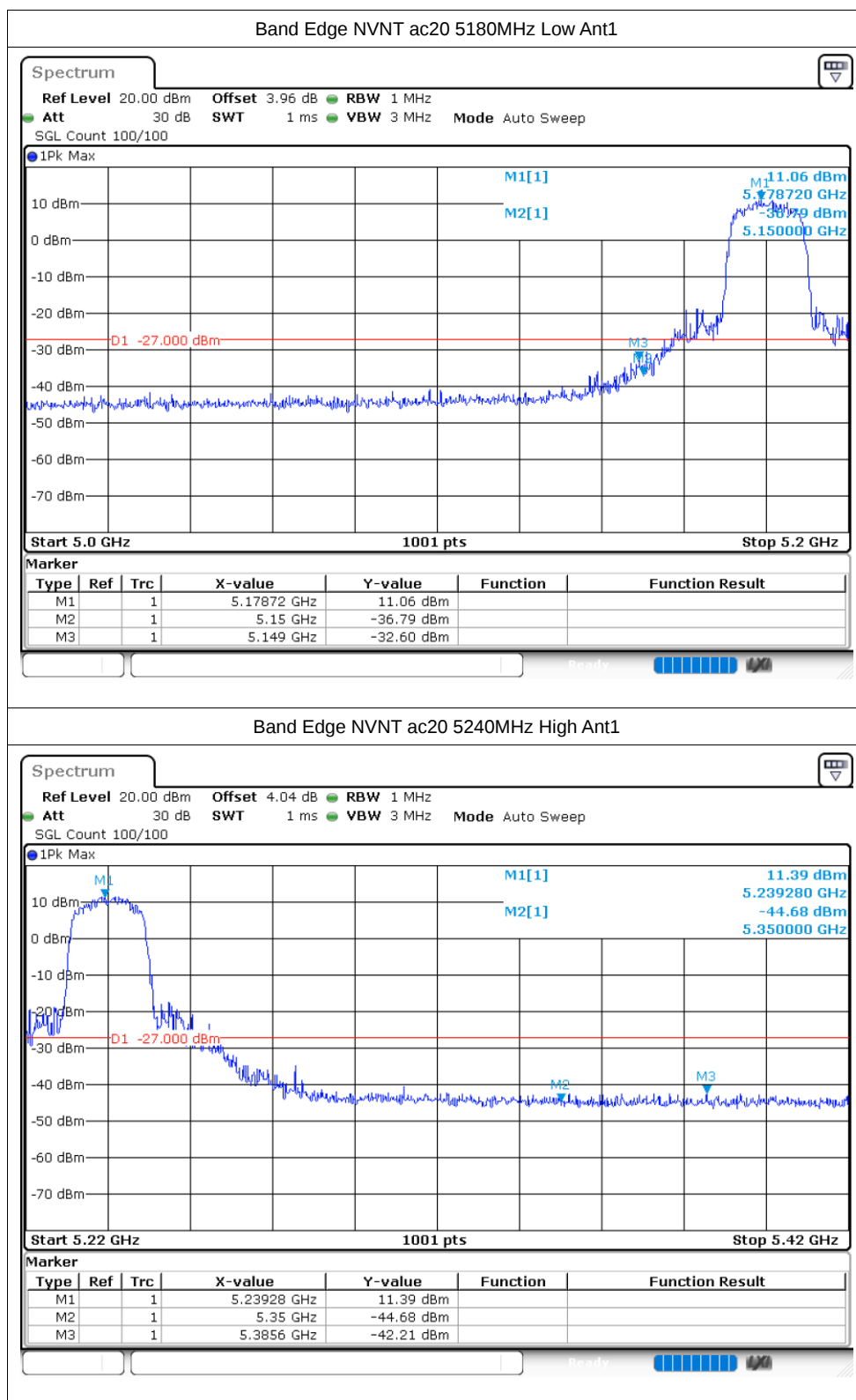


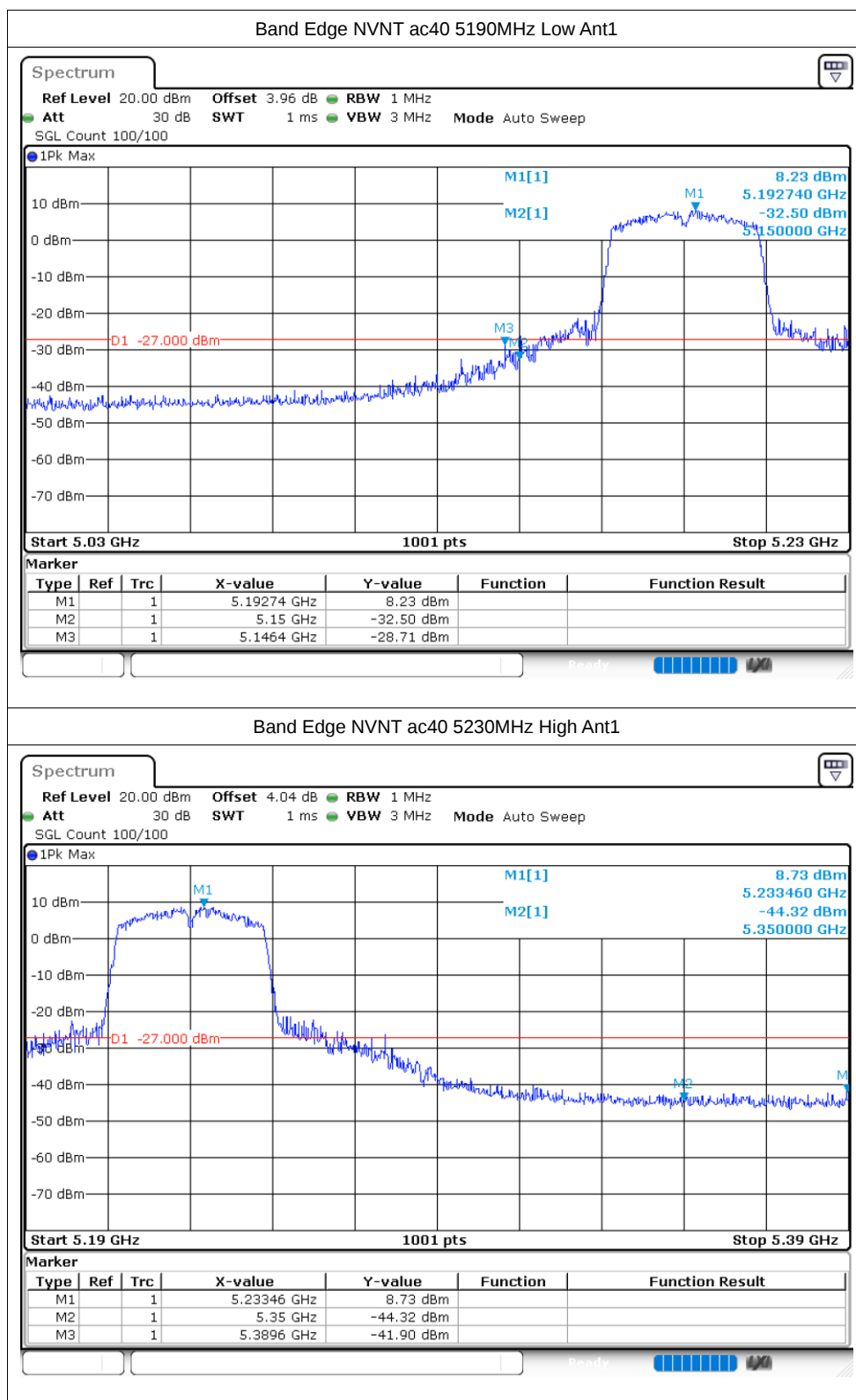
Band Edge NVNT a 5240MHz High Ant1

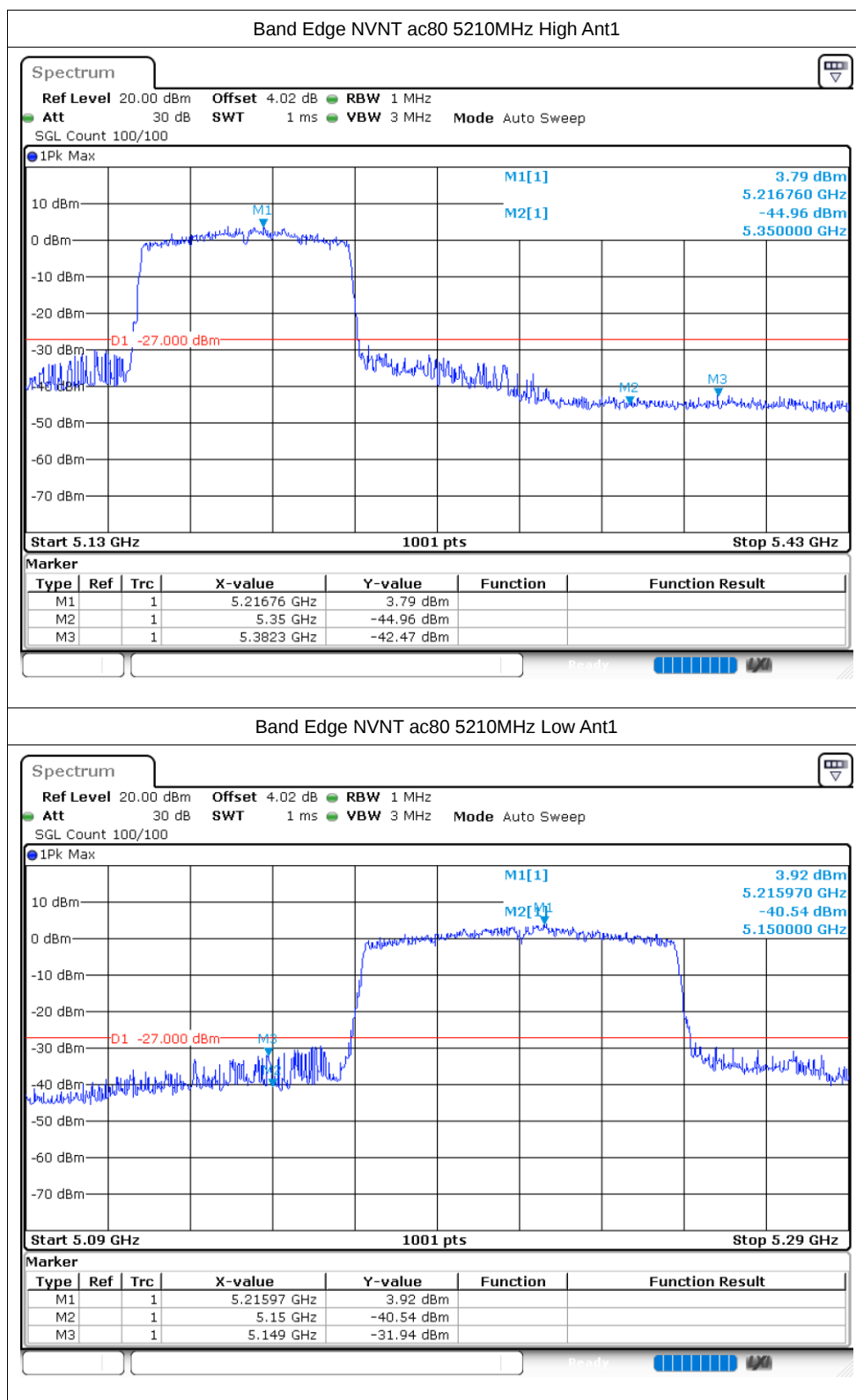












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.49	-27	Pass
NVNT	a	5200	Ant1	-34.16	-27	Pass
NVNT	a	5240	Ant1	-34.32	-27	Pass
NVNT	n20	5180	Ant1	-34.19	-27	Pass
NVNT	n20	5200	Ant1	-34.11	-27	Pass
NVNT	n20	5240	Ant1	-33.98	-27	Pass
NVNT	n40	5190	Ant1	-34	-27	Pass
NVNT	n40	5230	Ant1	-34.65	-27	Pass
NVNT	ac20	5180	Ant1	-34.84	-27	Pass
NVNT	ac20	5200	Ant1	-33.91	-27	Pass
NVNT	ac20	5240	Ant1	-34.14	-27	Pass
NVNT	ac40	5190	Ant1	-34.35	-27	Pass
NVNT	ac40	5230	Ant1	-34.09	-27	Pass
NVNT	ac80	5210	Ant1	-33.68	-27	Pass

