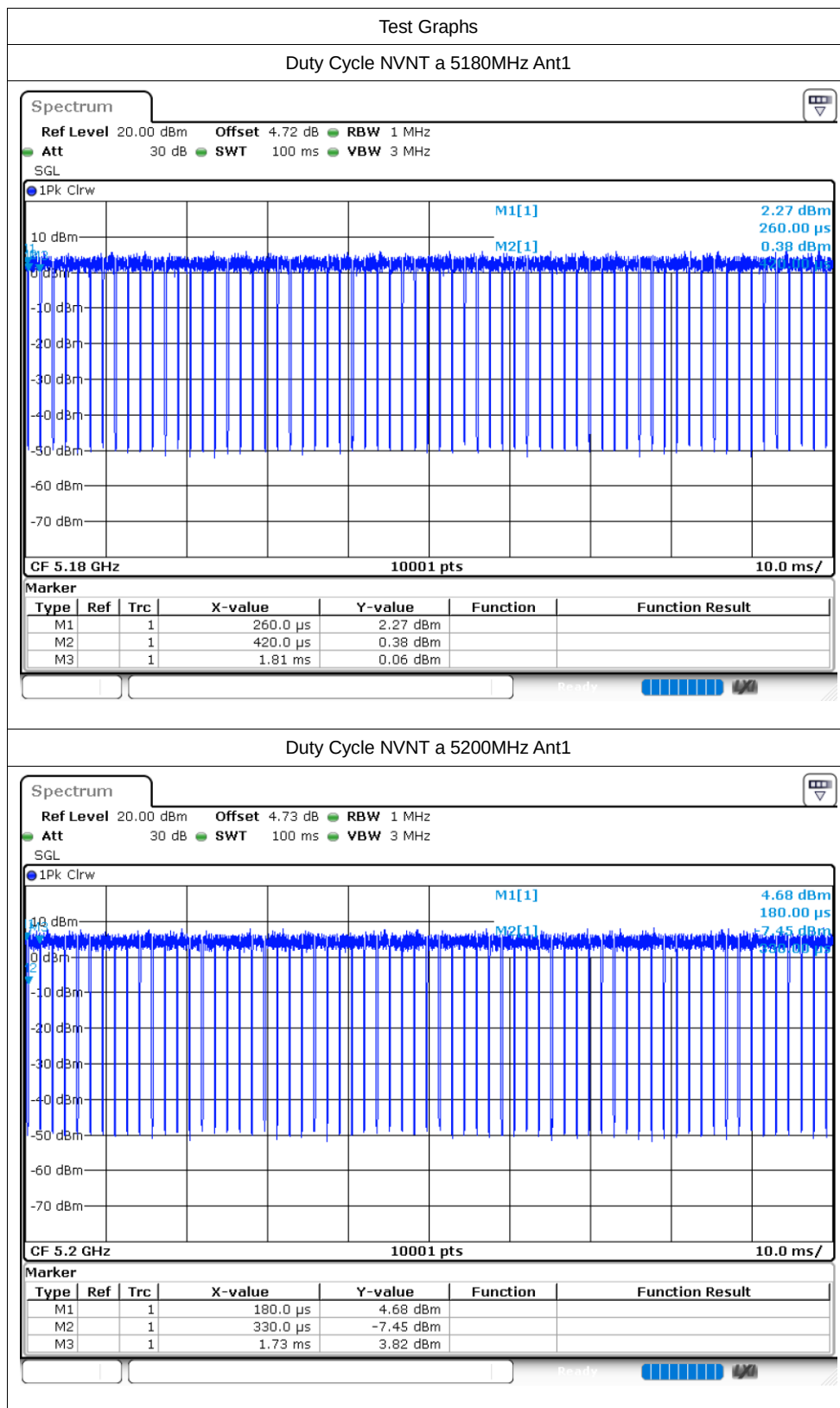
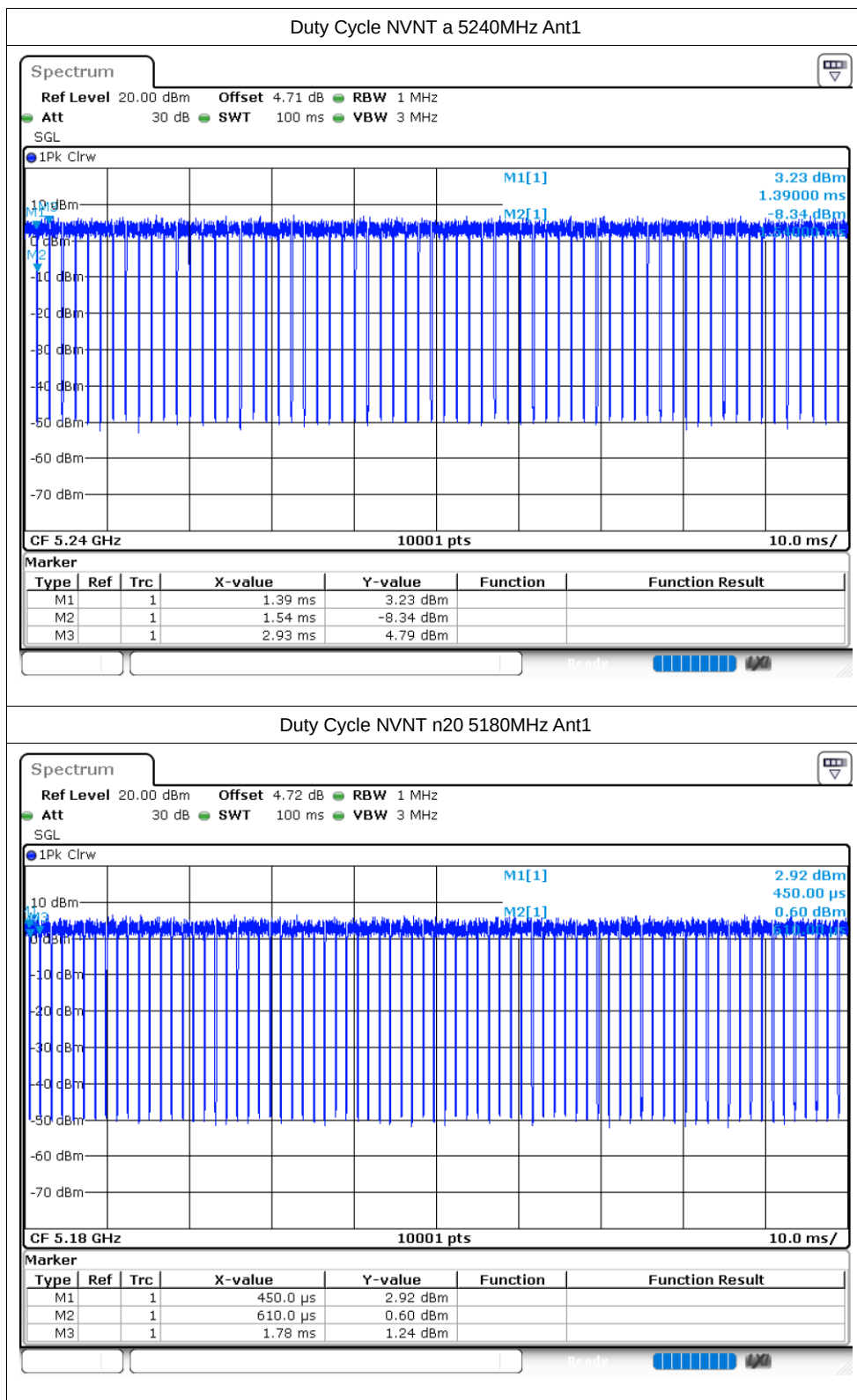


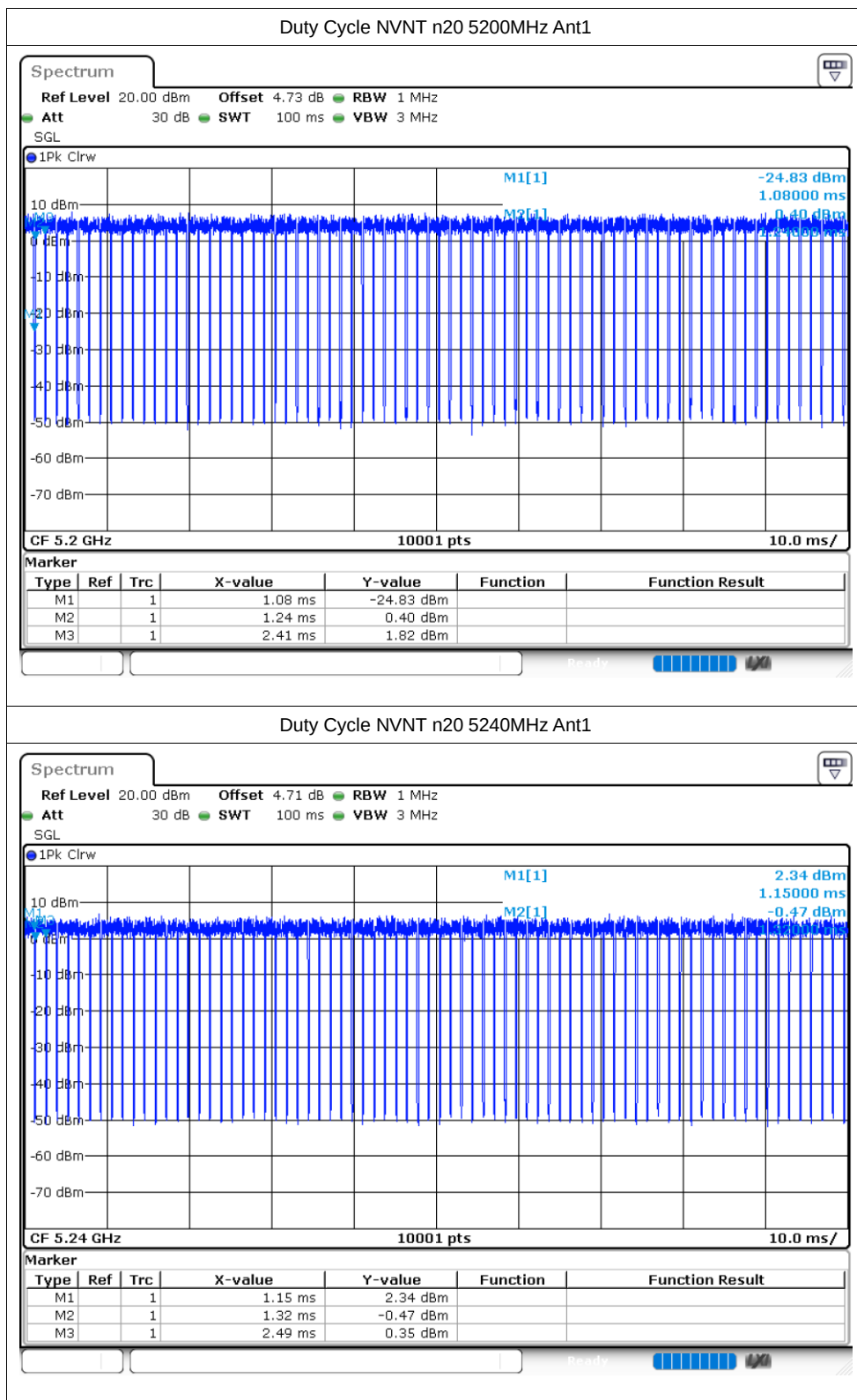
WIFI 5.2G

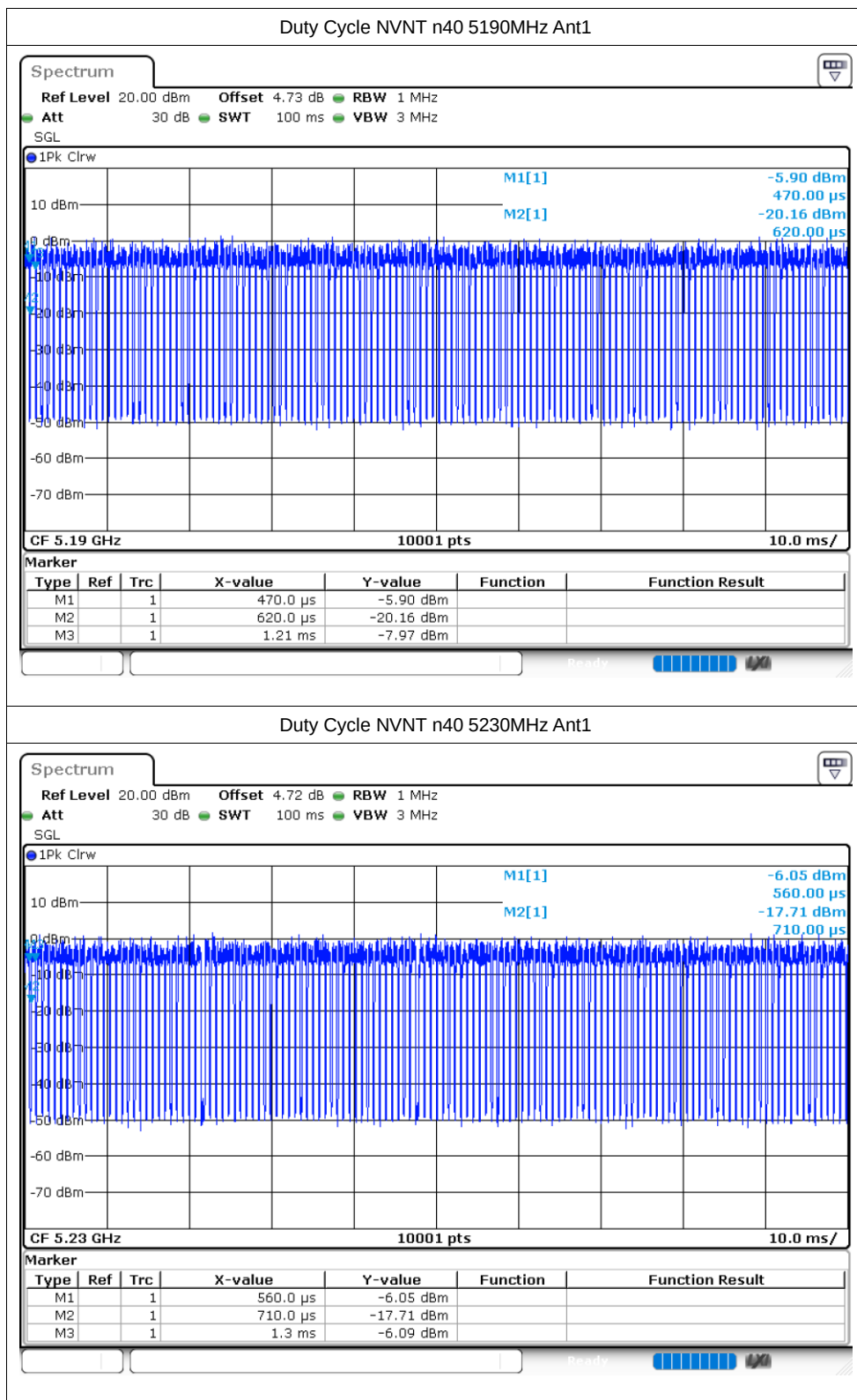
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	90.73	0.42	0.72
NVNT	a	5200	Ant1	90.72	0.42	0.71
NVNT	a	5240	Ant1	90.87	0.42	0.72
NVNT	n20	5180	Ant1	89.15	0.5	0.85
NVNT	n20	5200	Ant1	89.18	0.5	0.85
NVNT	n20	5240	Ant1	89.17	0.5	0.85
NVNT	n40	5190	Ant1	80.5	0.94	1.69
NVNT	n40	5230	Ant1	80.19	0.96	1.69
NVNT	ac20	5180	Ant1	89.08	0.5	0.84
NVNT	ac20	5200	Ant1	89.14	0.5	0.84
NVNT	ac20	5240	Ant1	89.19	0.5	0.85
NVNT	ac40	5190	Ant1	80.51	0.94	1.69
NVNT	ac40	5230	Ant1	79.66	0.99	1.69
NVNT	ac80	5210	Ant1	67.29	1.72	3.45

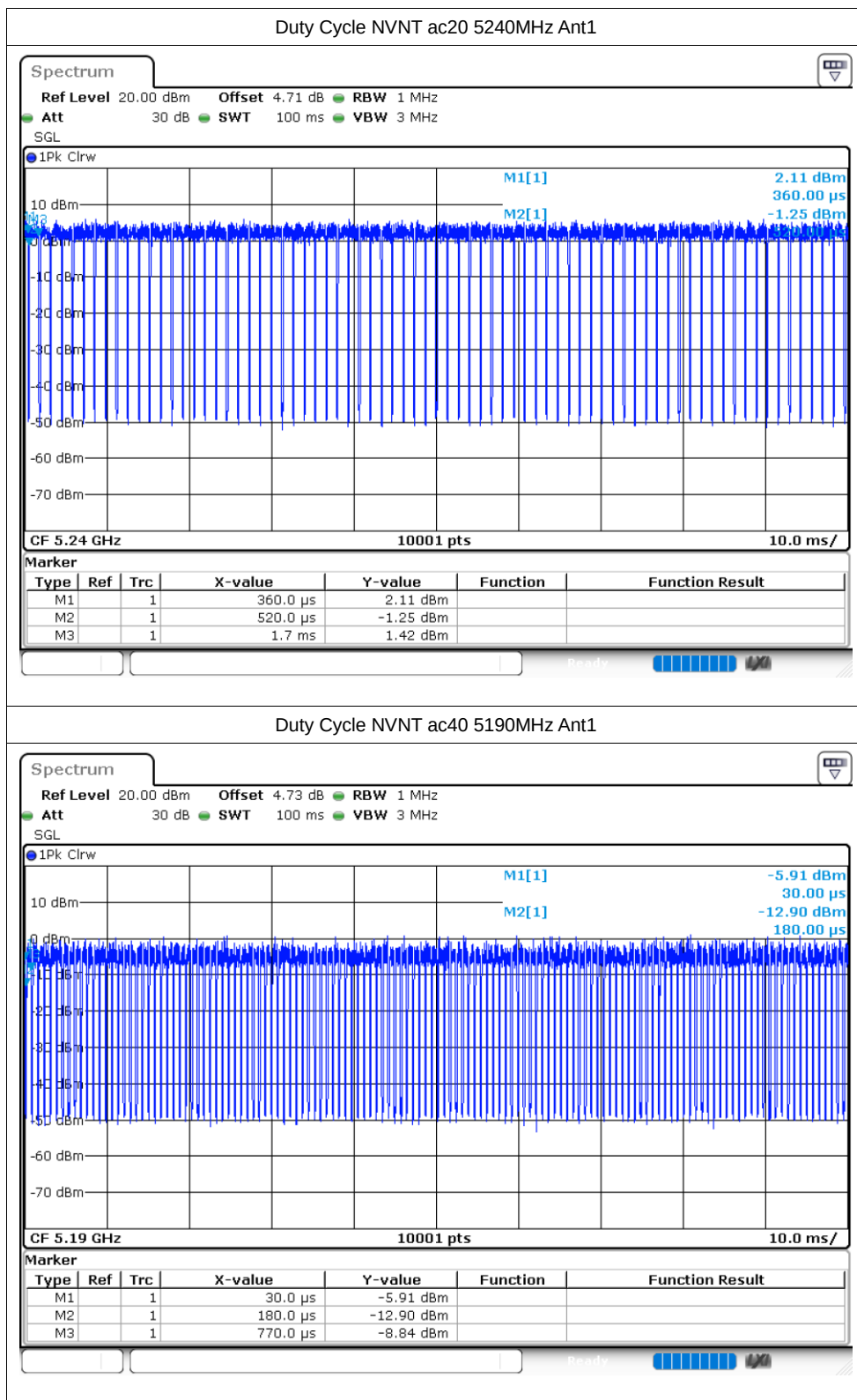


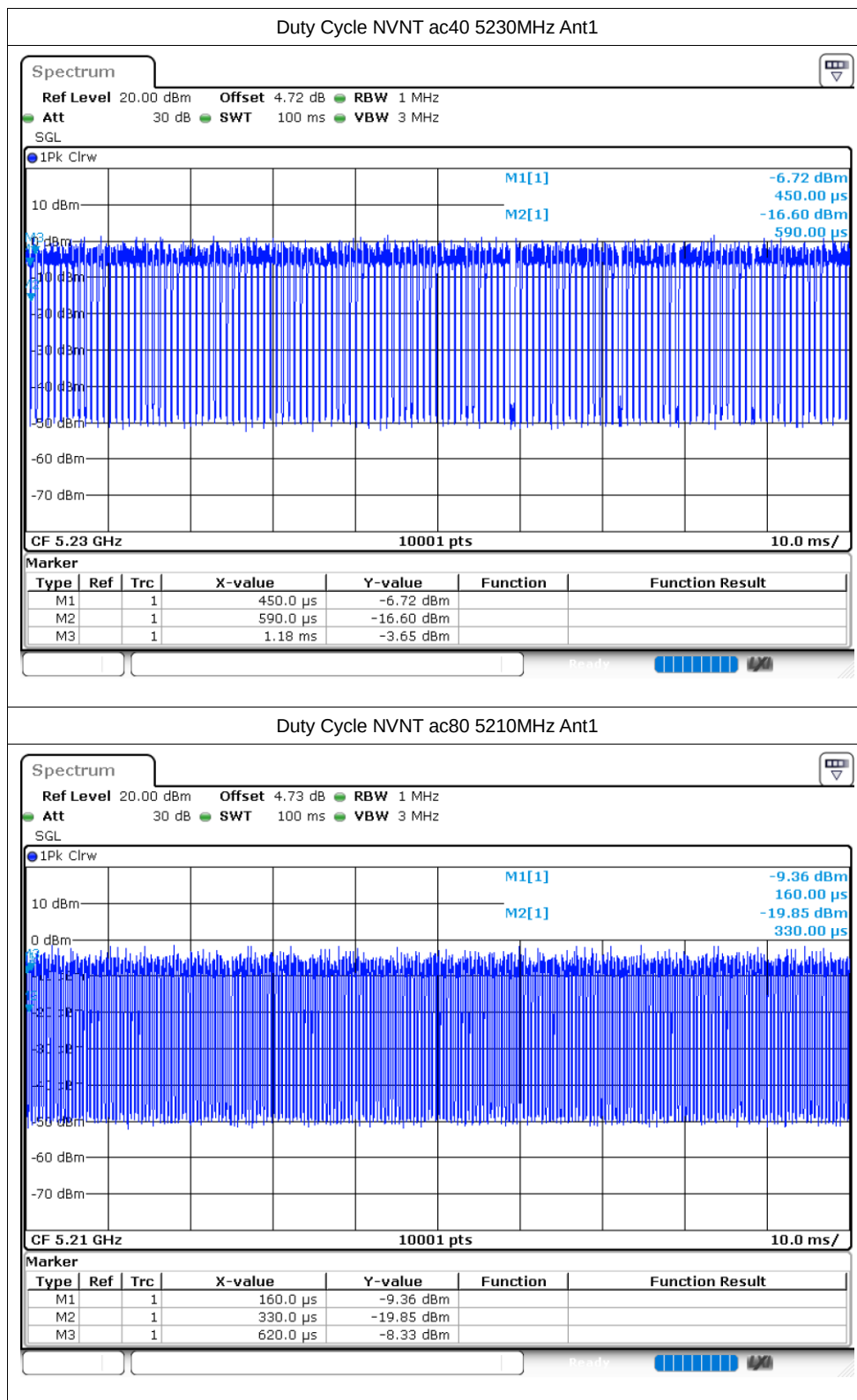












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.02	24	Pass
NVNT	a	5200	Ant1	12.15	24	Pass
NVNT	a	5240	Ant1	12.01	24	Pass
NVNT	n20	5180	Ant1	11.69	24	Pass
NVNT	n20	5200	Ant1	11.89	24	Pass
NVNT	n20	5240	Ant1	12.14	24	Pass
NVNT	n40	5190	Ant1	10.37	24	Pass
NVNT	n40	5230	Ant1	10.79	24	Pass
NVNT	ac20	5180	Ant1	10.3	24	Pass
NVNT	ac20	5200	Ant1	11.08	24	Pass
NVNT	ac20	5240	Ant1	11.35	24	Pass
NVNT	ac40	5190	Ant1	10.22	24	Pass
NVNT	ac40	5230	Ant1	10.61	24	Pass
NVNT	ac80	5210	Ant1	10.43	24	Pass

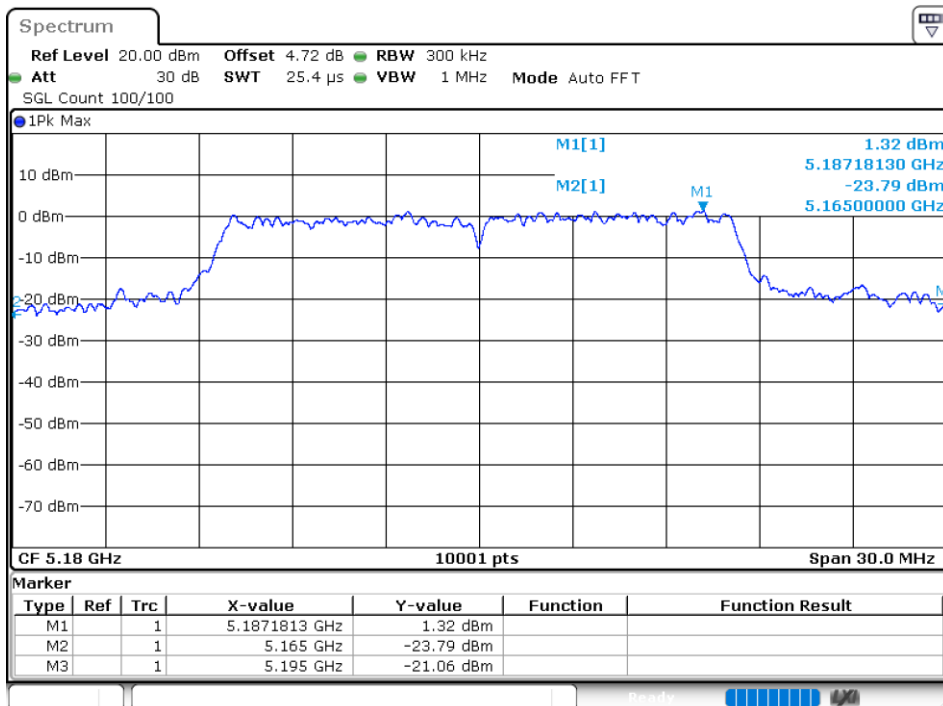
Note: The average power has contain duty cycle factor

-26dB Bandwidth

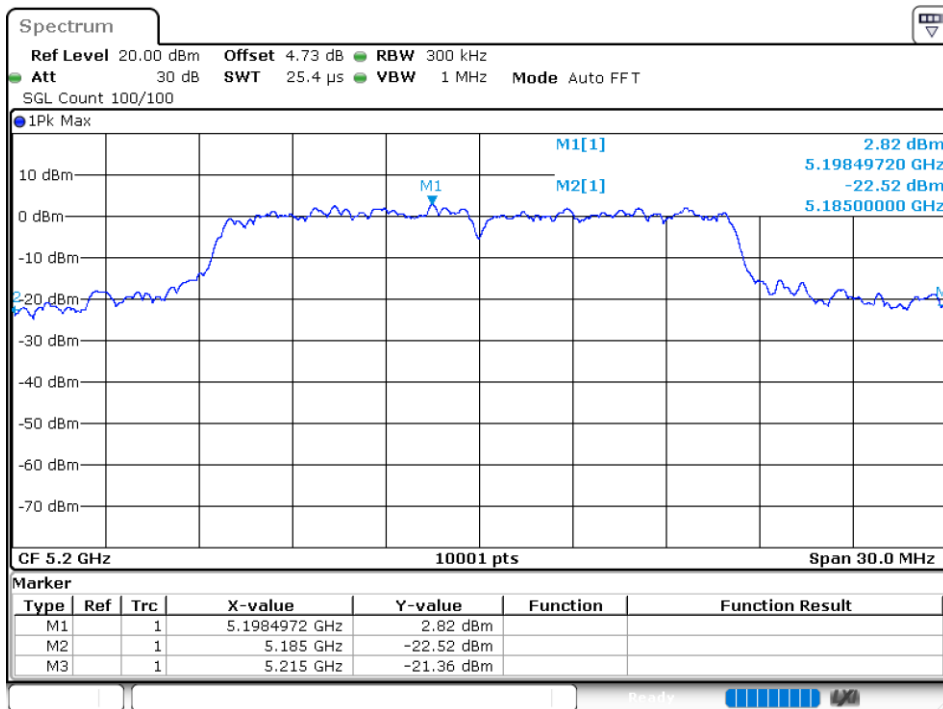
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	30	Pass
NVNT	a	5200	Ant1	30	Pass
NVNT	a	5240	Ant1	20.439	Pass
NVNT	n20	5180	Ant1	30	Pass
NVNT	n20	5200	Ant1	30	Pass
NVNT	n20	5240	Ant1	20.031	Pass
NVNT	n40	5190	Ant1	59.202	Pass
NVNT	n40	5230	Ant1	59.556	Pass
NVNT	ac20	5180	Ant1	24.465	Pass
NVNT	ac20	5200	Ant1	19.866	Pass
NVNT	ac20	5240	Ant1	25.224	Pass
NVNT	ac40	5190	Ant1	55.818	Pass
NVNT	ac40	5230	Ant1	55.86	Pass
NVNT	ac80	5210	Ant1	91.212	Pass

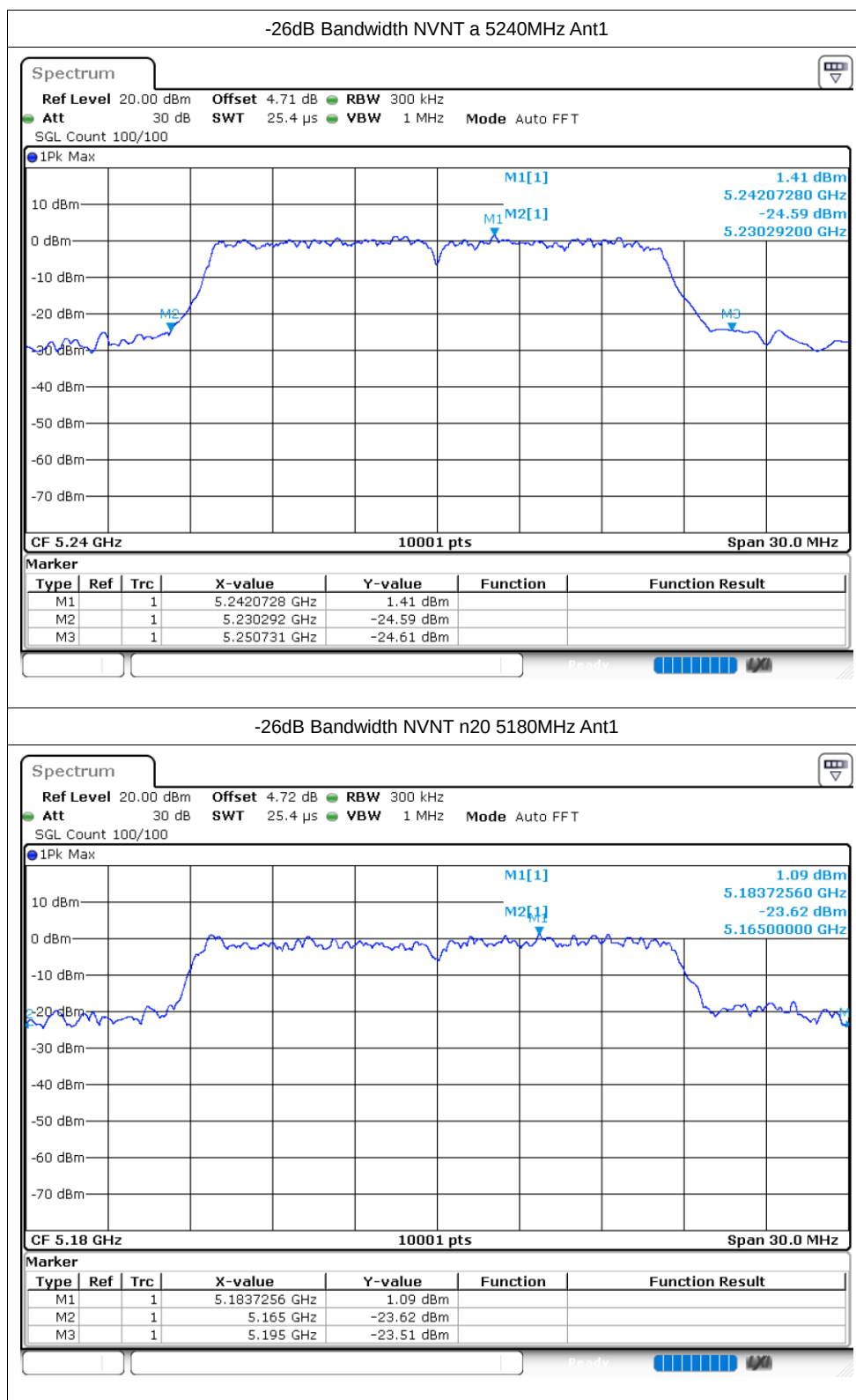
Test Graphs

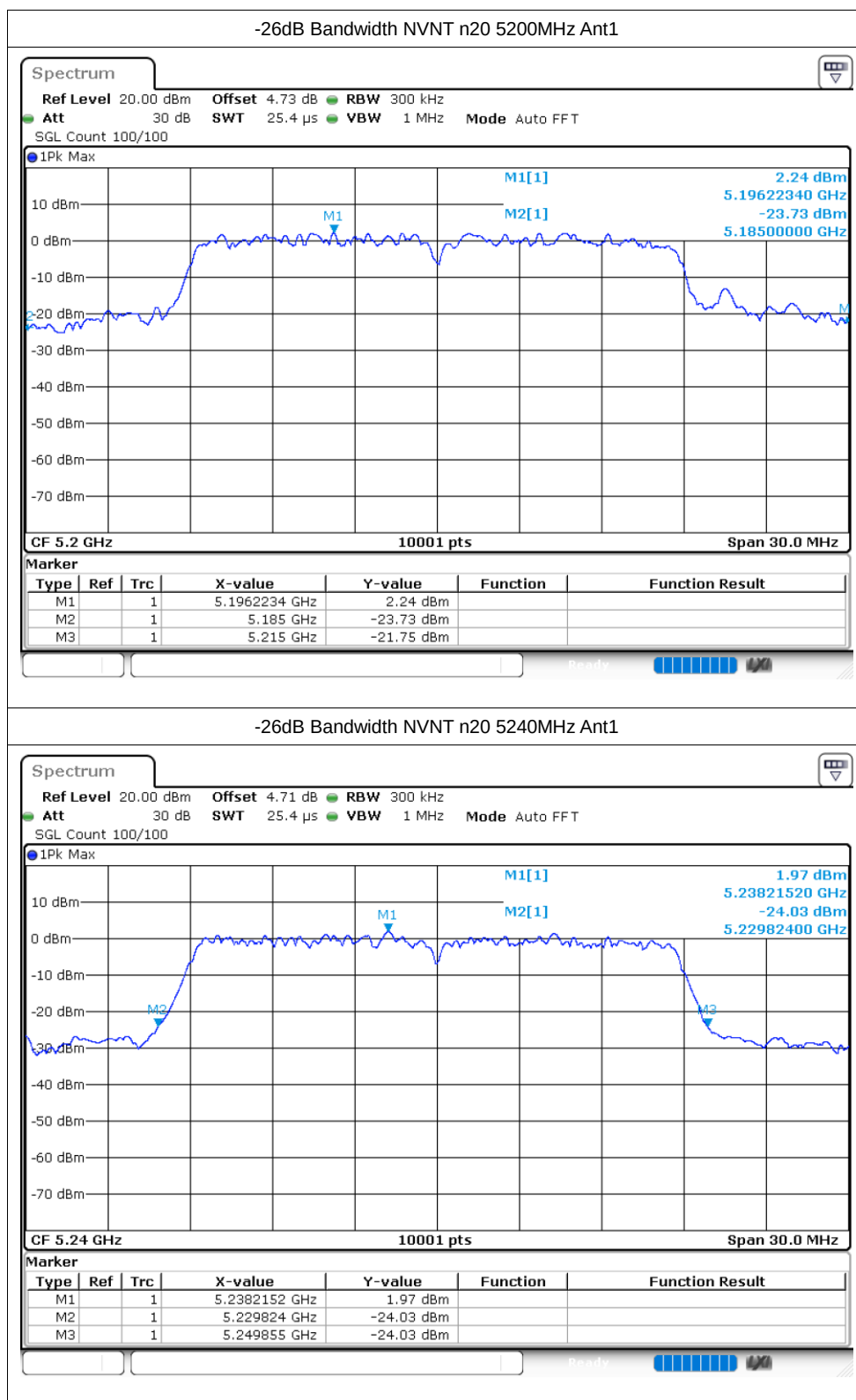
-26dB Bandwidth NVNT a 5180MHz Ant1

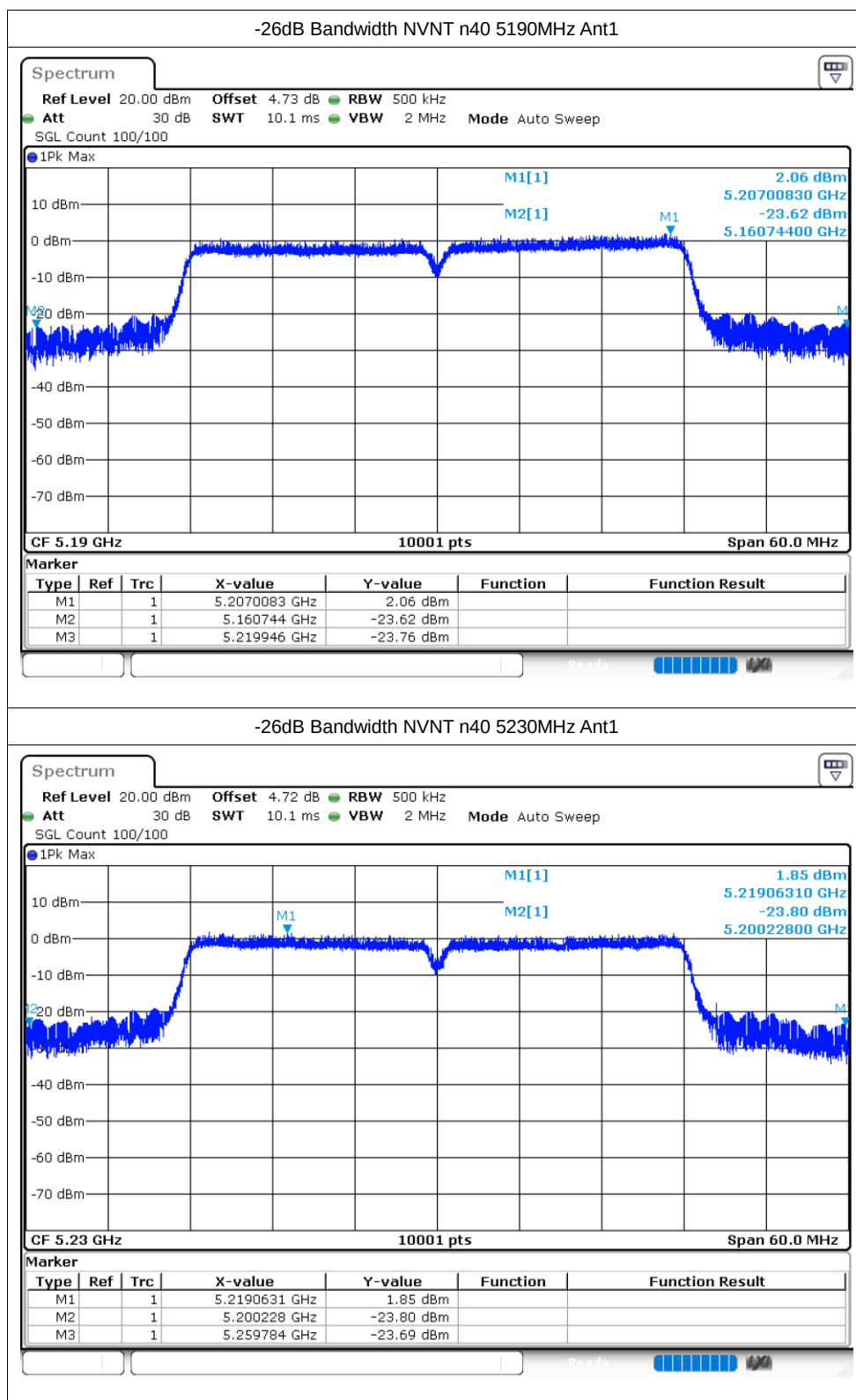


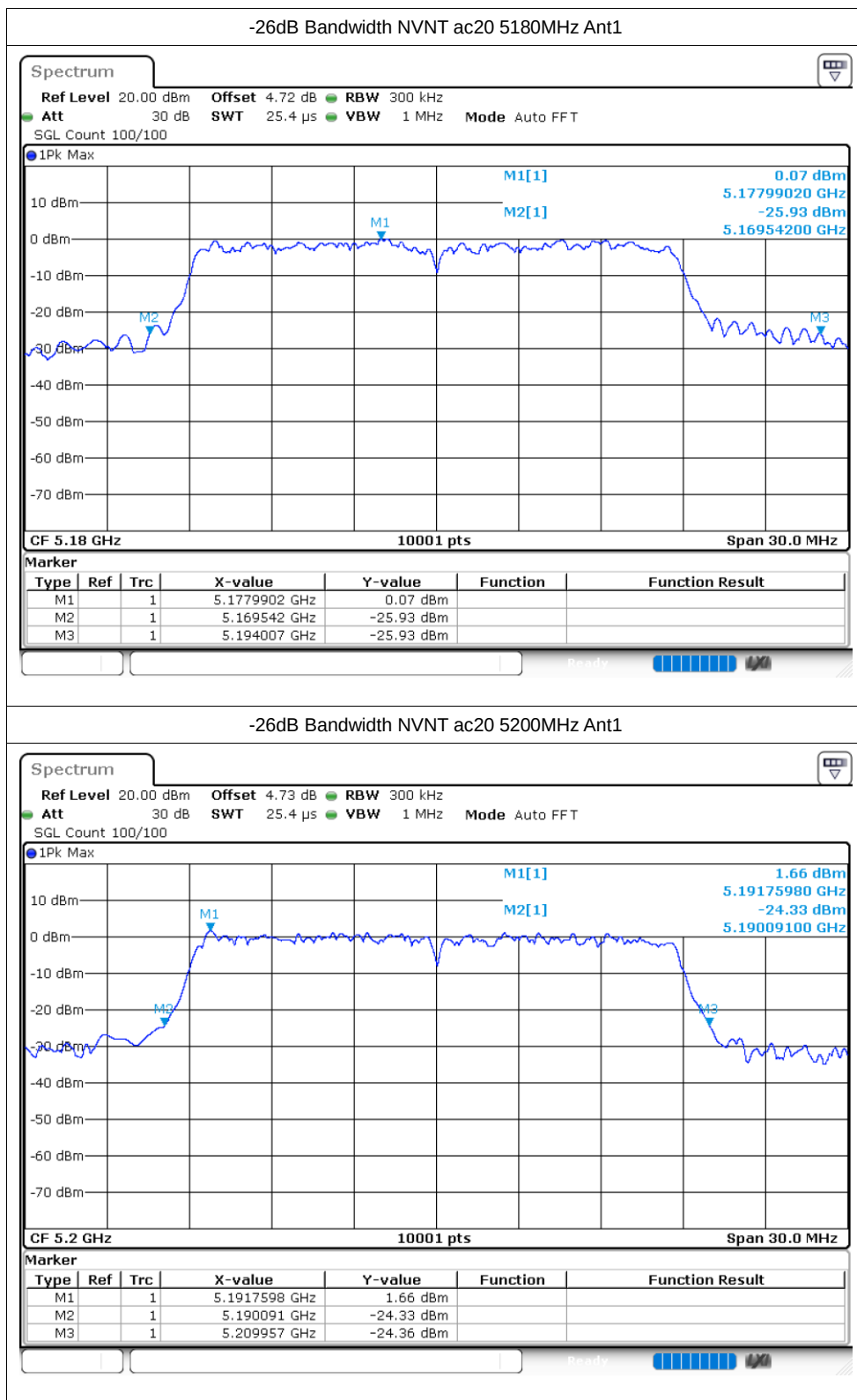
-26dB Bandwidth NVNT a 5200MHz Ant1

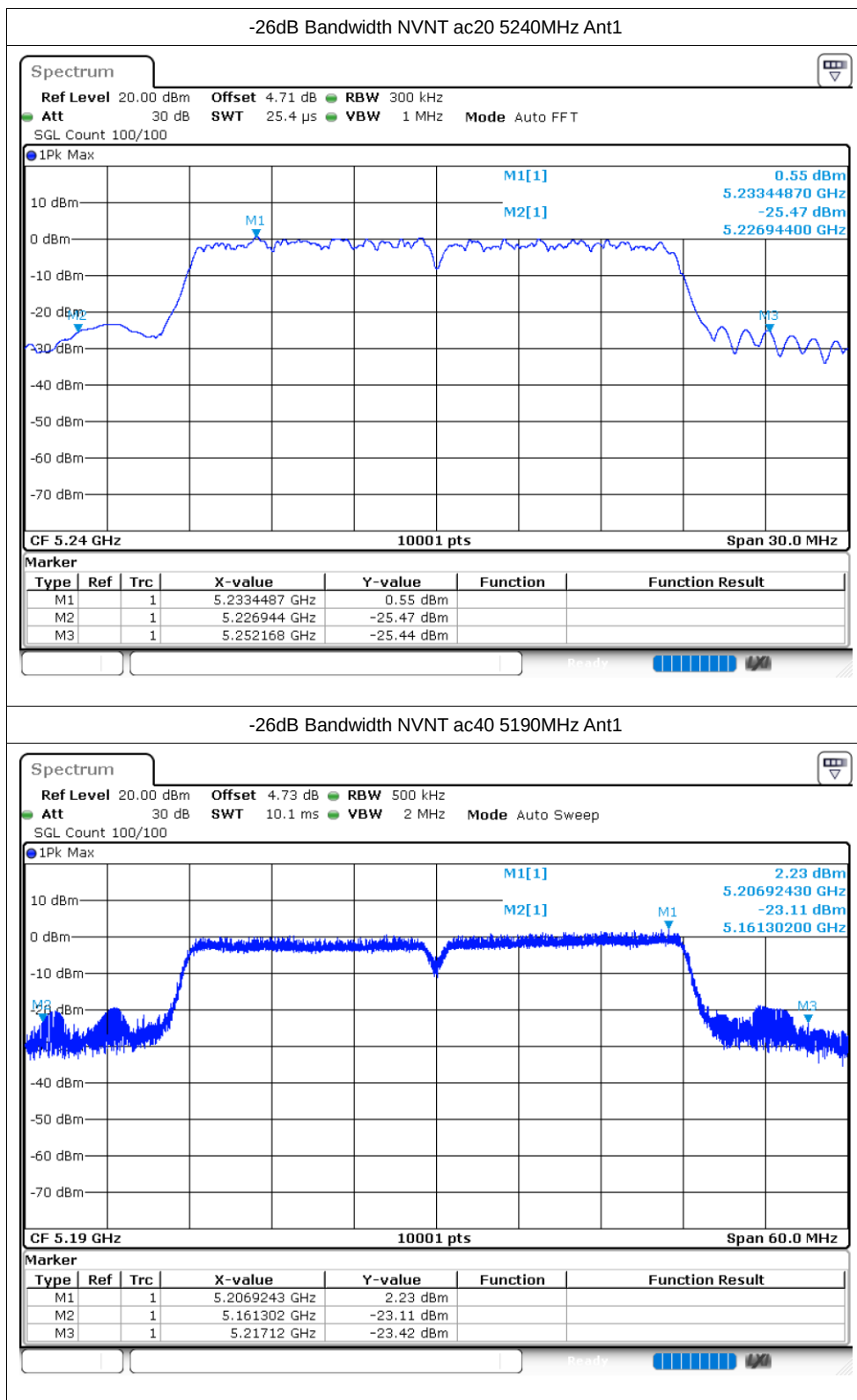


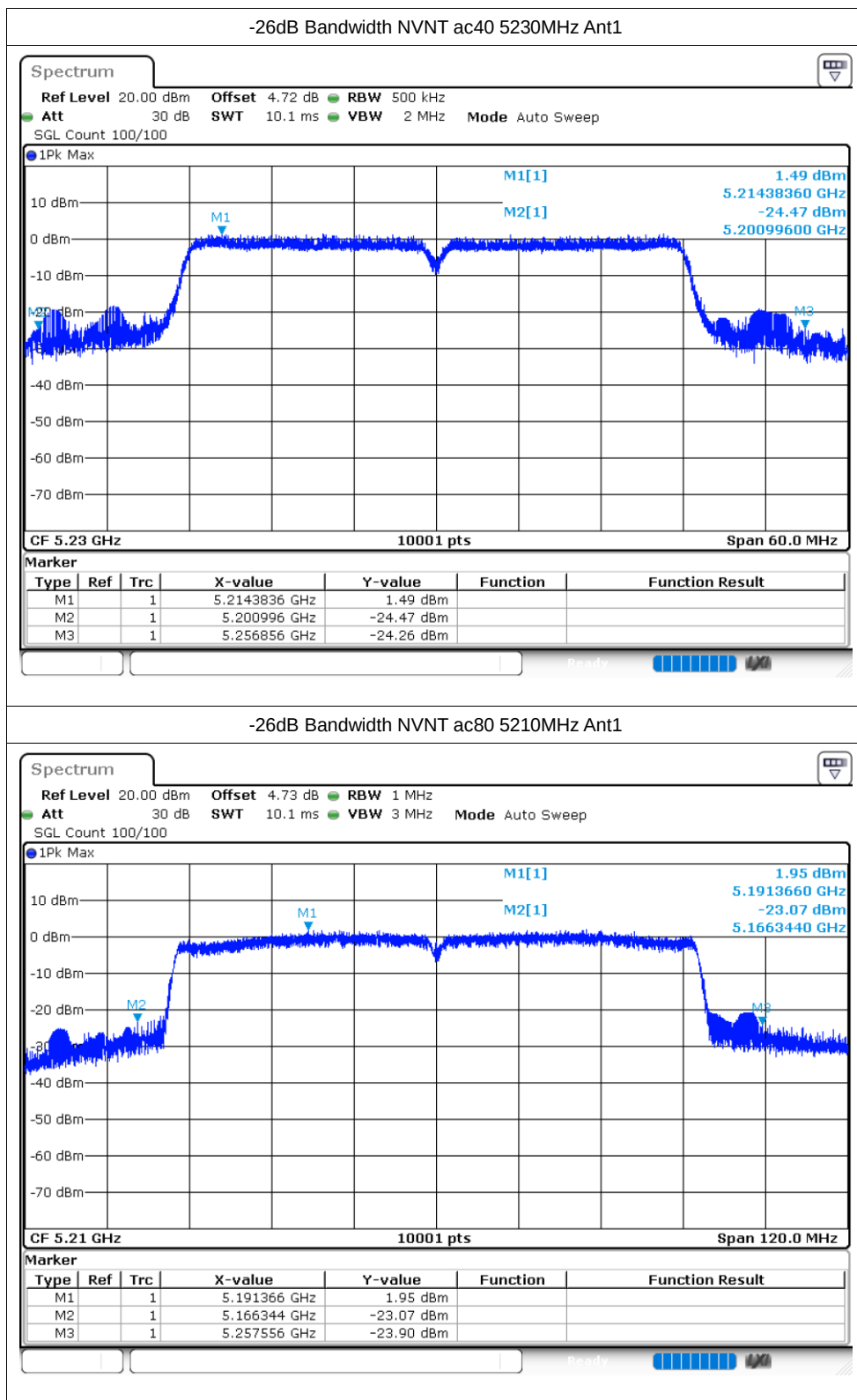










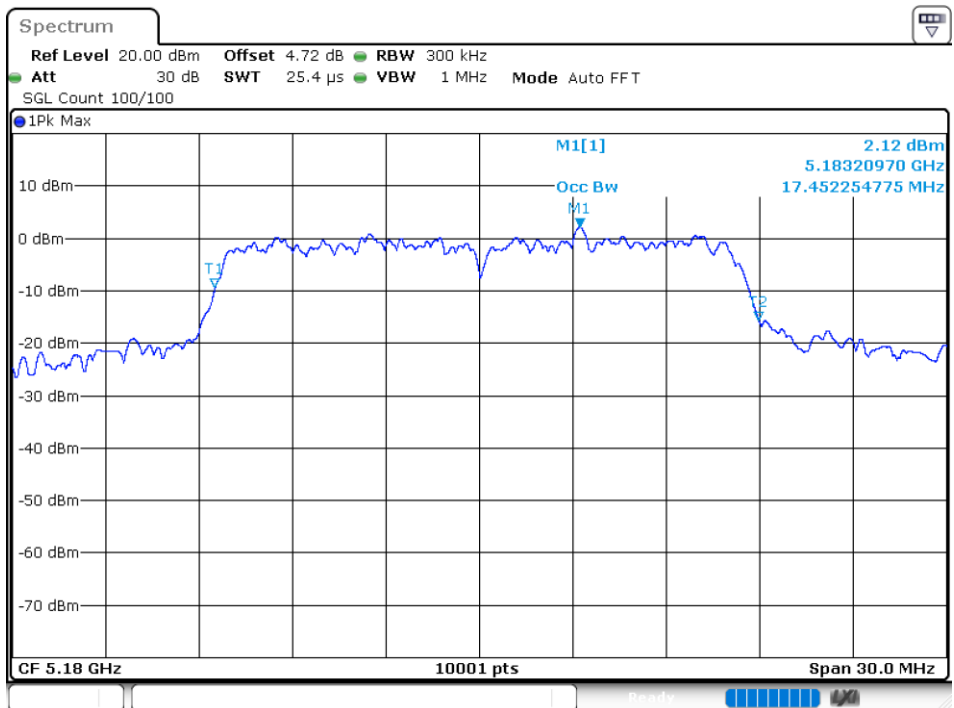


Occupied Channel Bandwidth

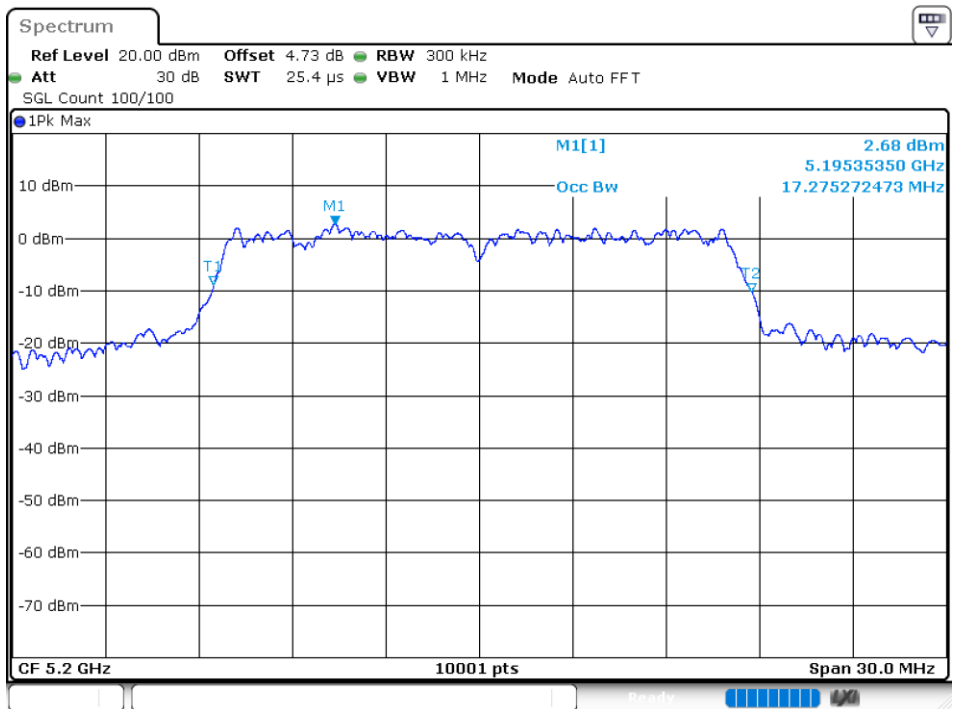
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.452
NVNT	a	5200	Ant1	17.275
NVNT	a	5240	Ant1	16.579
NVNT	n20	5180	Ant1	18.424
NVNT	n20	5200	Ant1	17.905
NVNT	n20	5240	Ant1	17.734
NVNT	n40	5190	Ant1	36.464
NVNT	n40	5230	Ant1	36.47
NVNT	ac20	5180	Ant1	17.878
NVNT	ac20	5200	Ant1	17.701
NVNT	ac20	5240	Ant1	17.866
NVNT	ac40	5190	Ant1	36.428
NVNT	ac40	5230	Ant1	36.422
NVNT	ac80	5210	Ant1	75.388

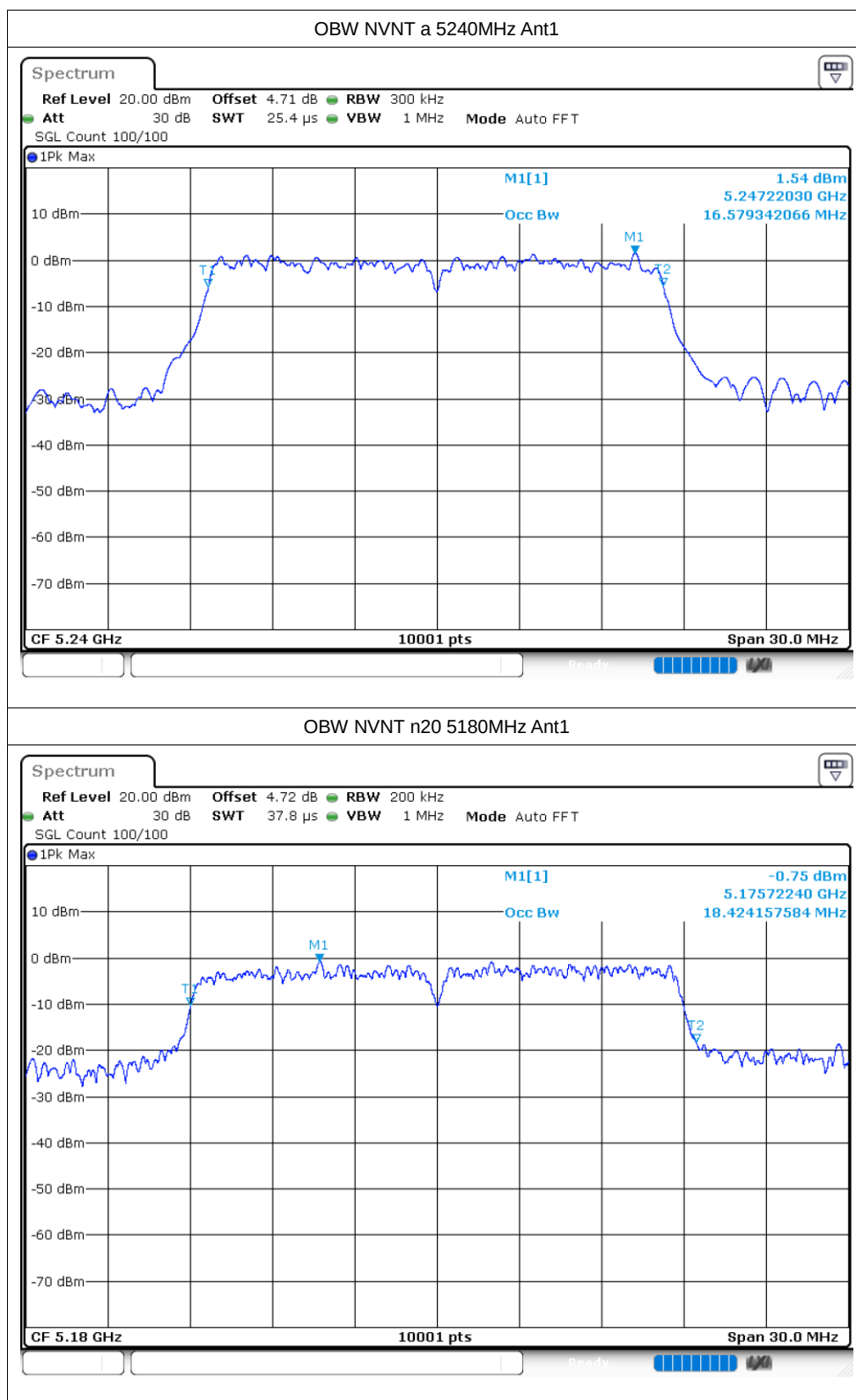
Test Graphs

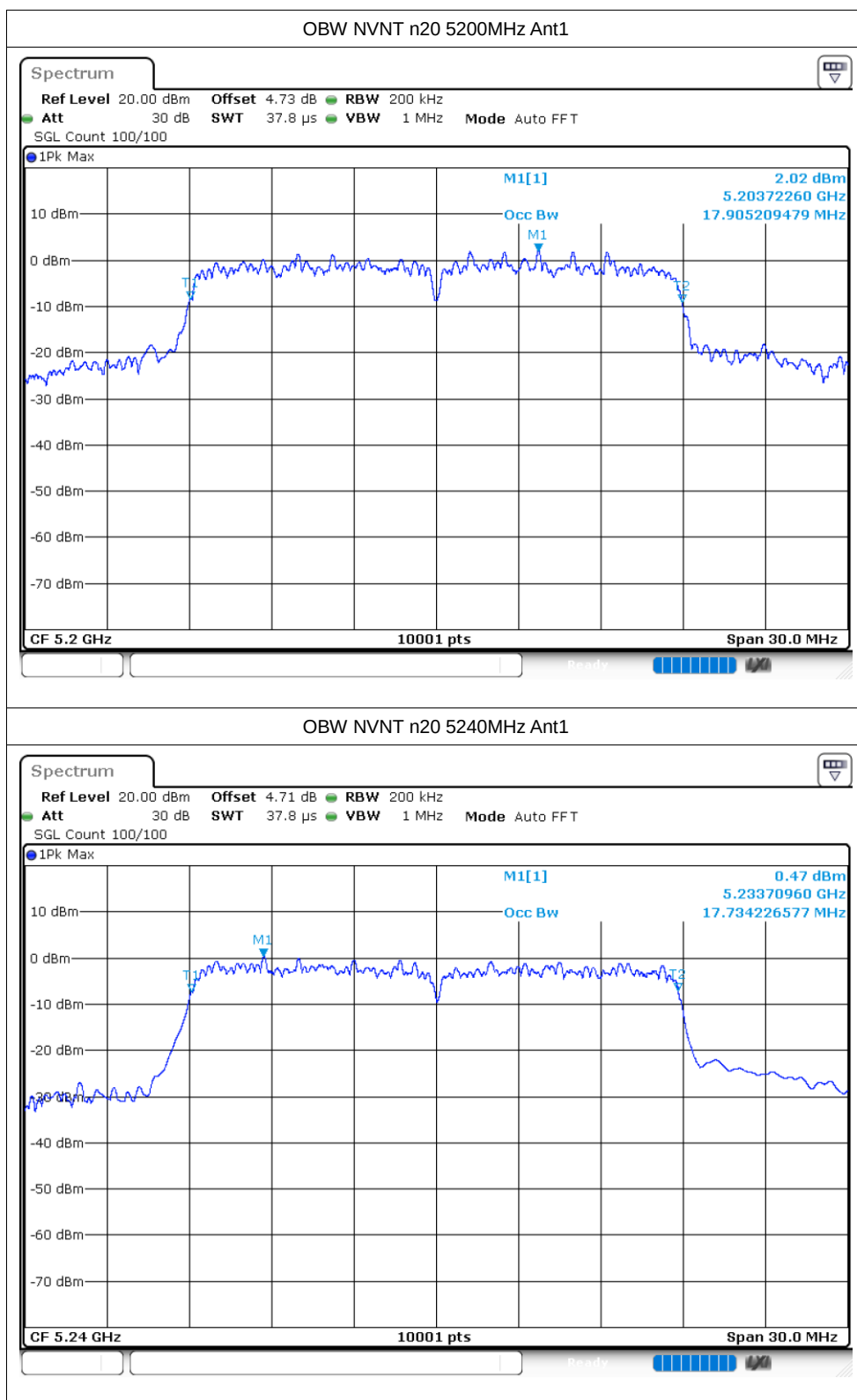
OBW NVNT a 5180MHz Ant1

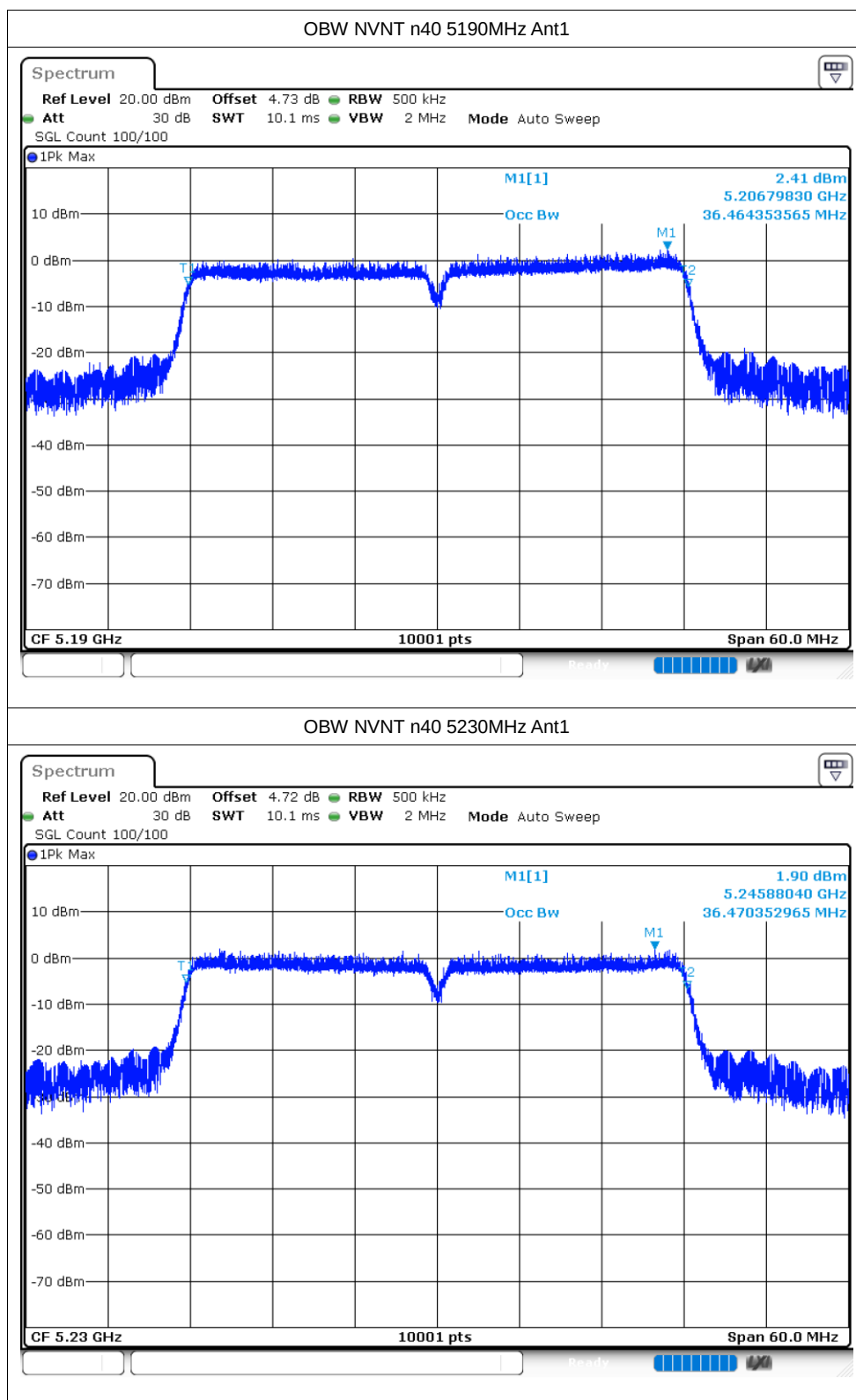


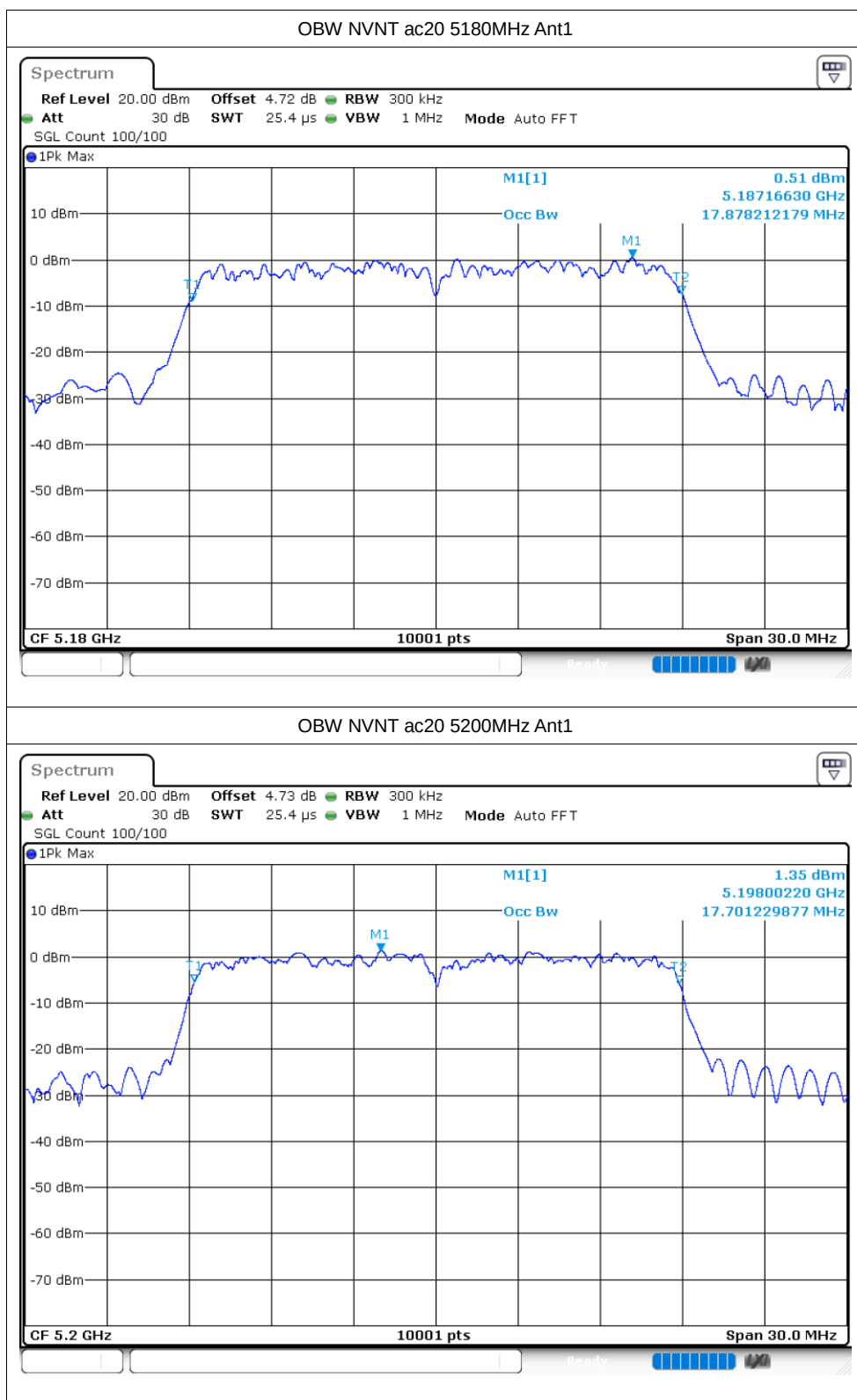
OBW NVNT a 5200MHz Ant1

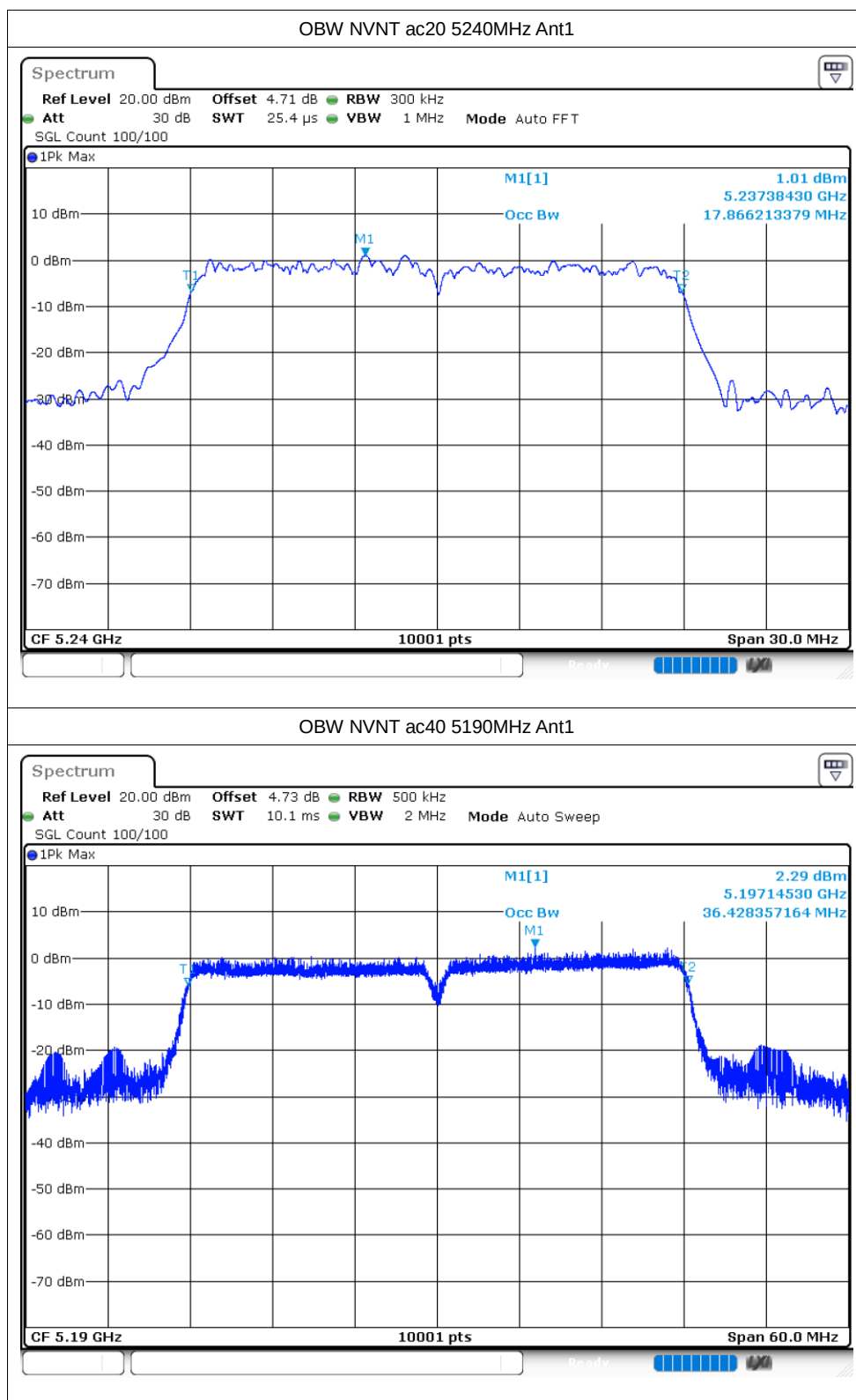


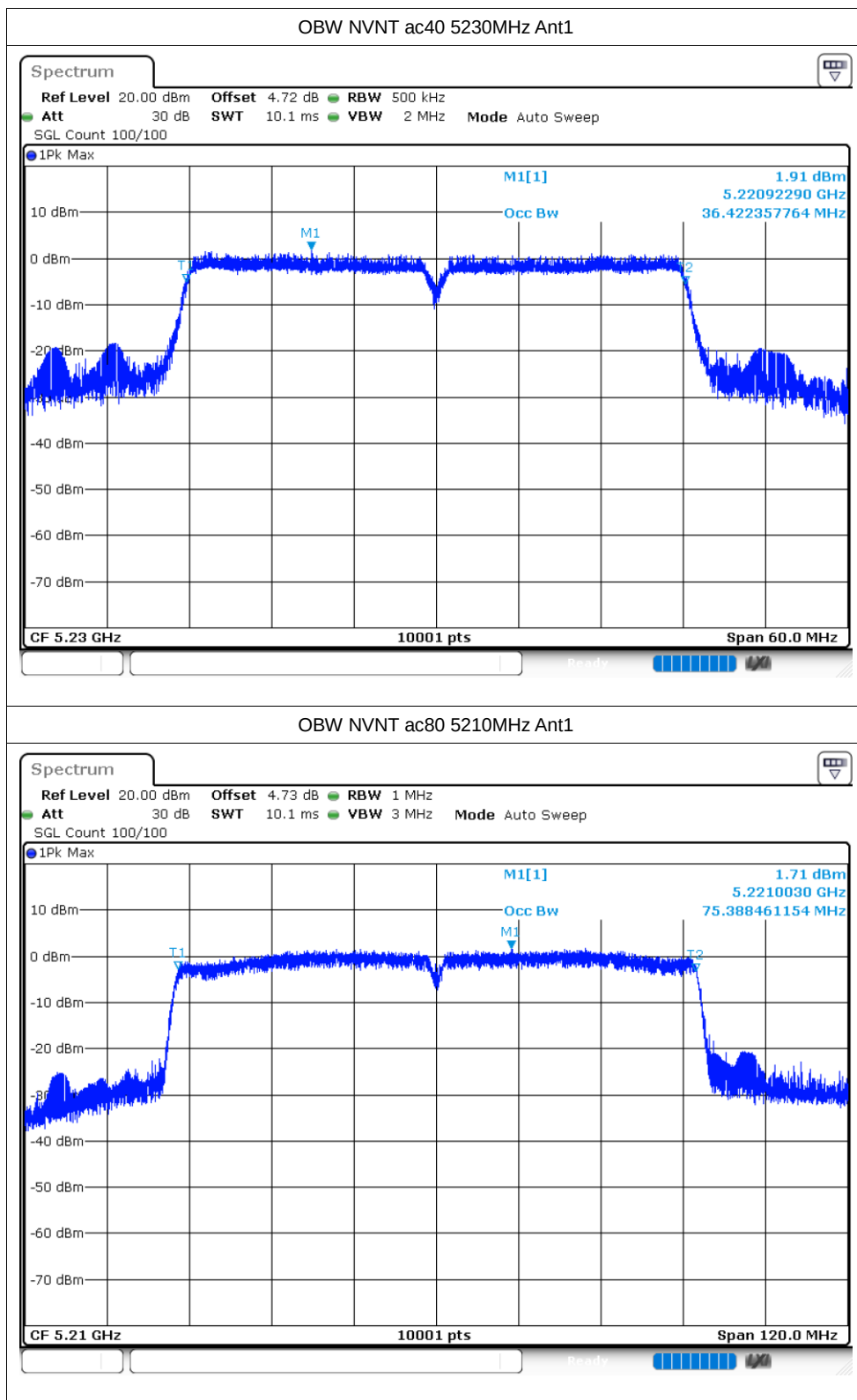










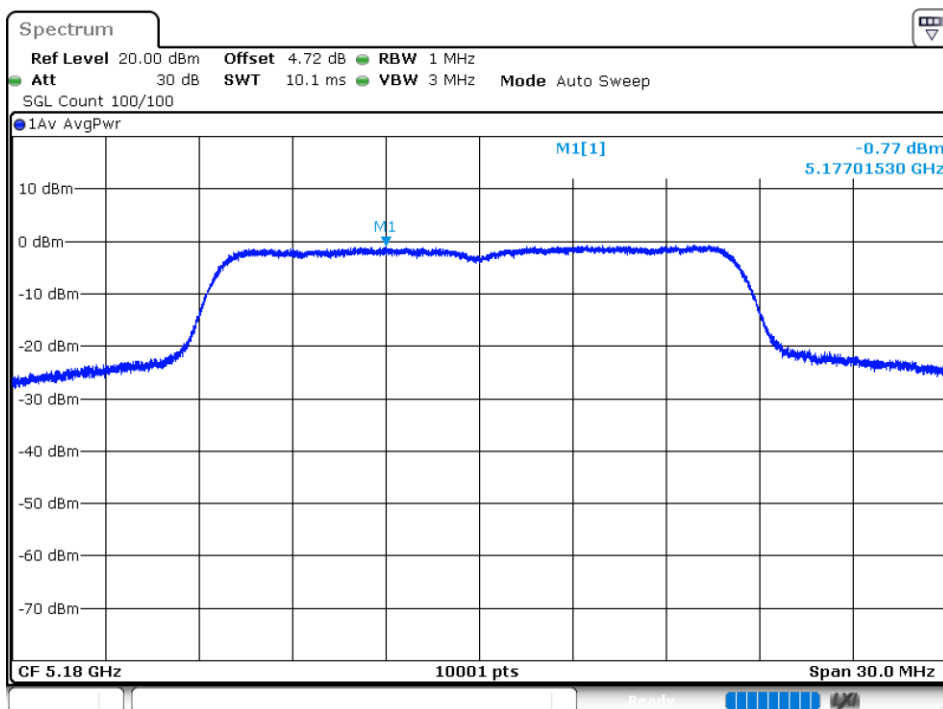


Maximum Power Spectral Density Level

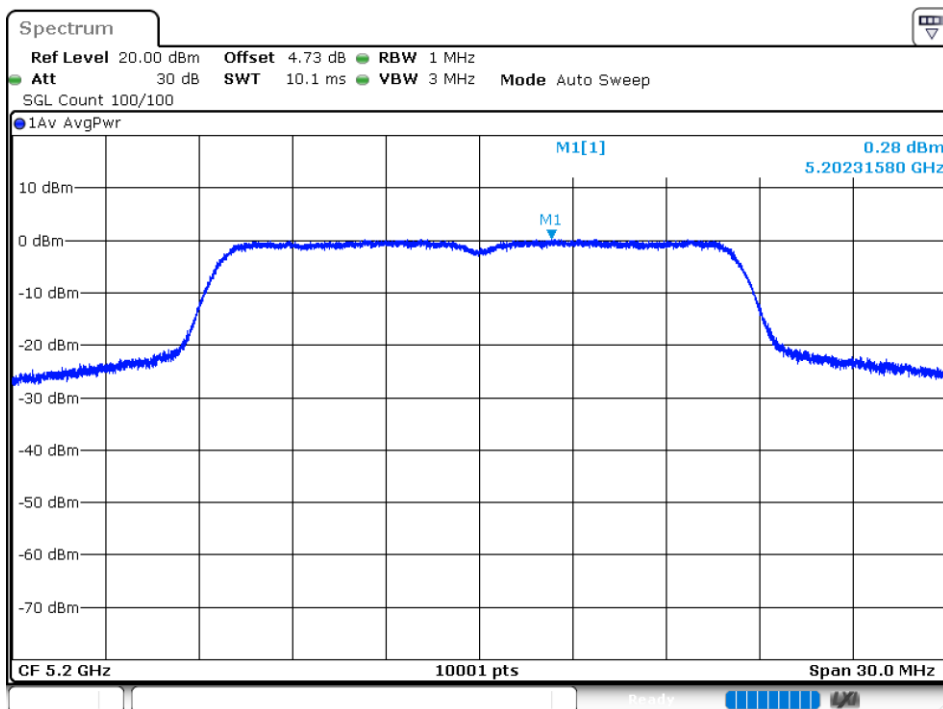
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	-0.77	0.42	-0.35	11	Pass
NVNT	a	5200	Ant1	0.28	0.42	0.7	11	Pass
NVNT	a	5240	Ant1	-0.6	0.42	-0.18	11	Pass
NVNT	n20	5180	Ant1	-0.69	0.5	-0.19	11	Pass
NVNT	n20	5200	Ant1	0.05	0.5	0.55	11	Pass
NVNT	n20	5240	Ant1	-0.71	0.5	-0.21	11	Pass
NVNT	n40	5190	Ant1	-4.42	0.94	-3.48	11	Pass
NVNT	n40	5230	Ant1	-4.98	0.96	-4.02	11	Pass
NVNT	ac20	5180	Ant1	-1.43	0.5	-0.93	11	Pass
NVNT	ac20	5200	Ant1	-0.75	0.5	-0.25	11	Pass
NVNT	ac20	5240	Ant1	-1.36	0.5	-0.86	11	Pass
NVNT	ac40	5190	Ant1	-4.58	0.94	-3.64	11	Pass
NVNT	ac40	5230	Ant1	-4.8	0.99	-3.81	11	Pass
NVNT	ac80	5210	Ant1	-8.74	1.72	-7.02	11	Pass

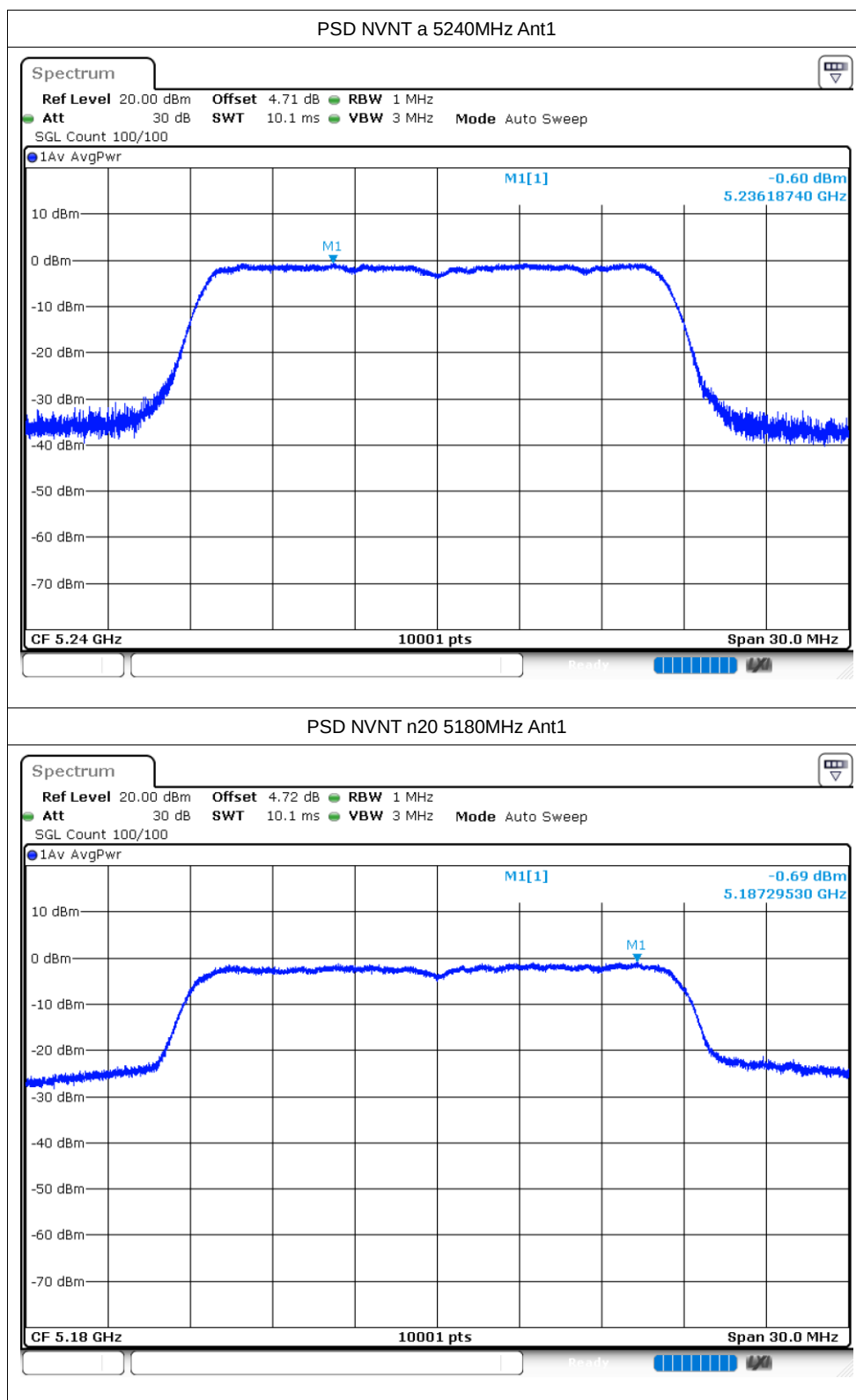
Test Graphs

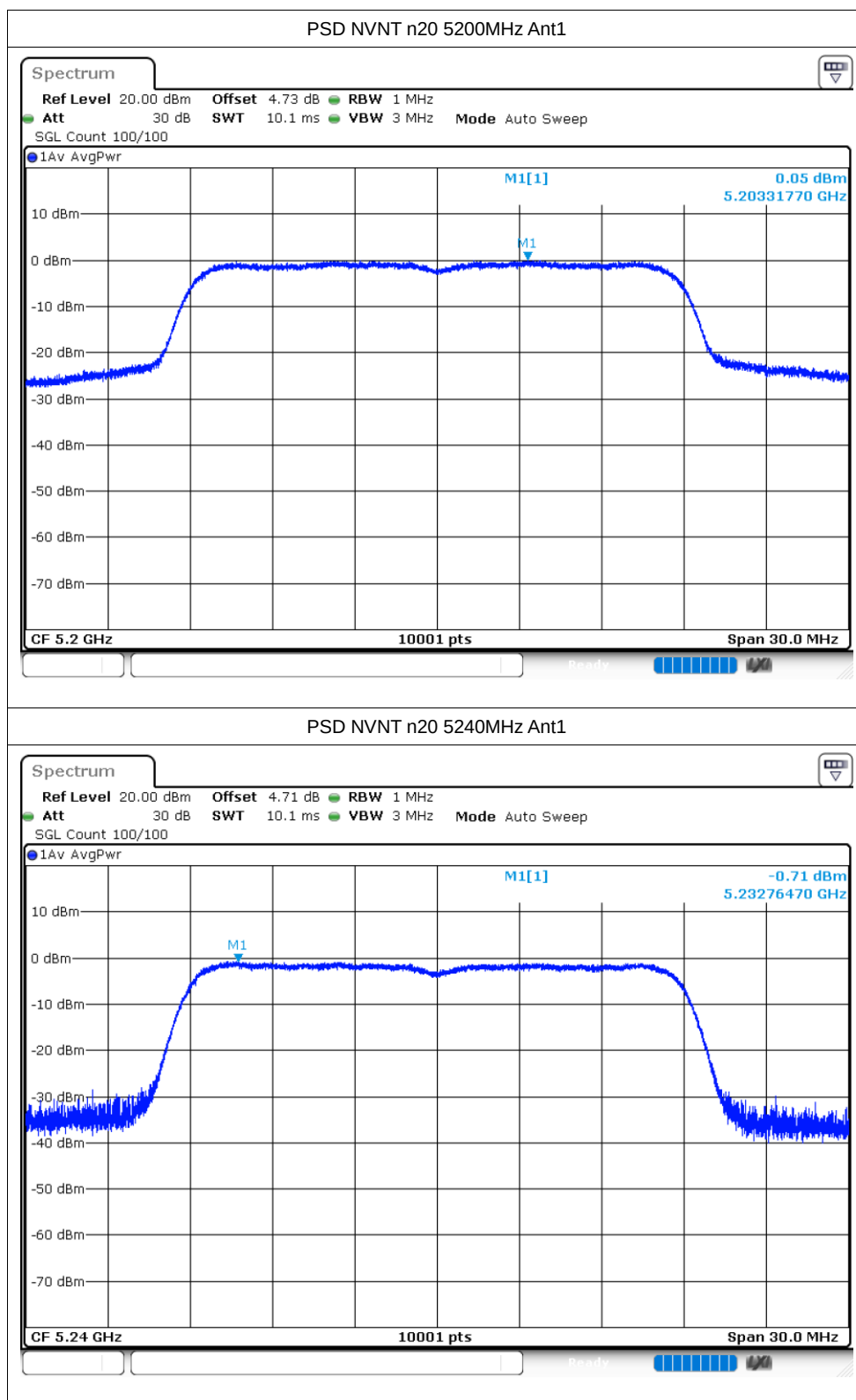
PSD NVNT a 5180MHz Ant1

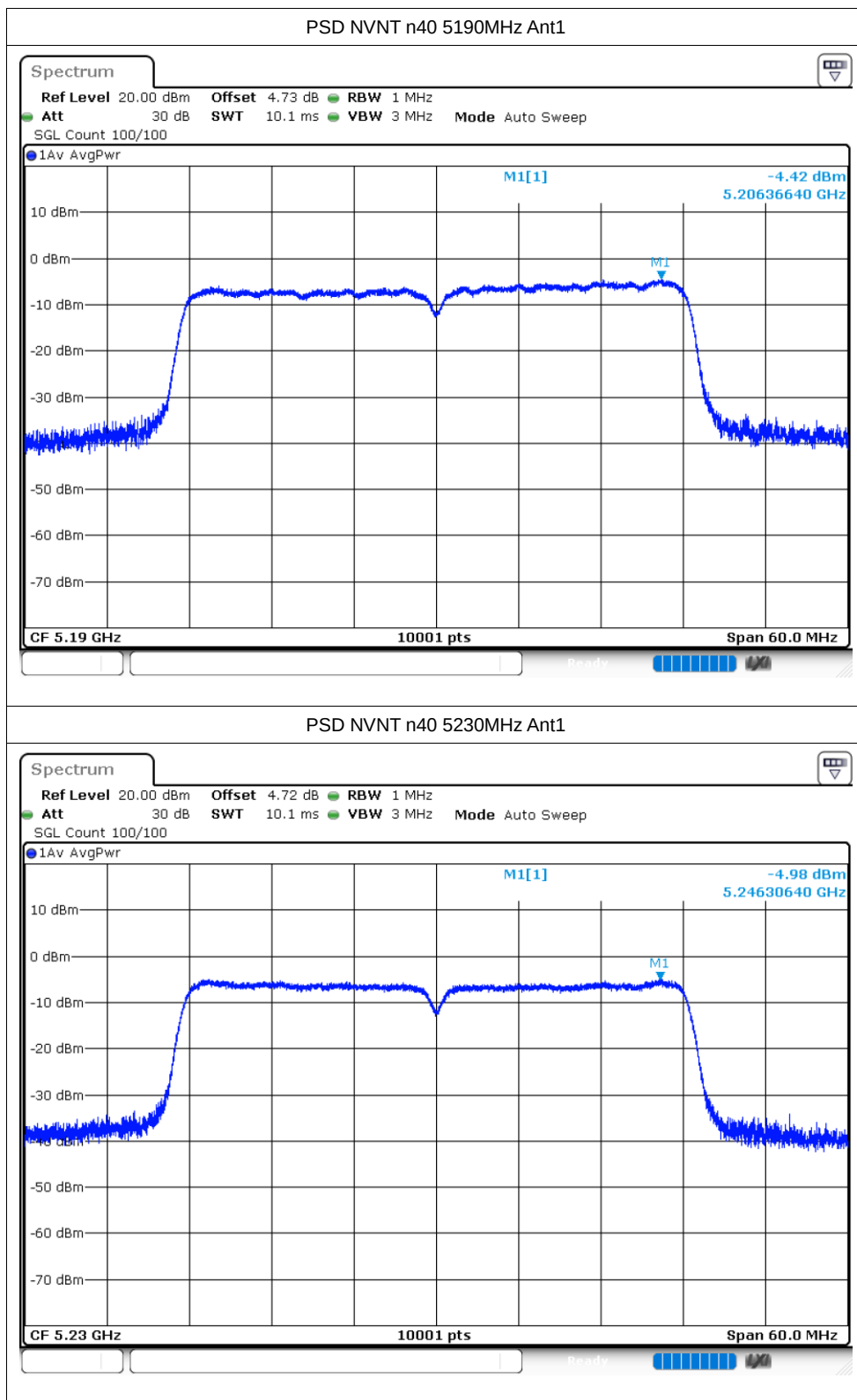


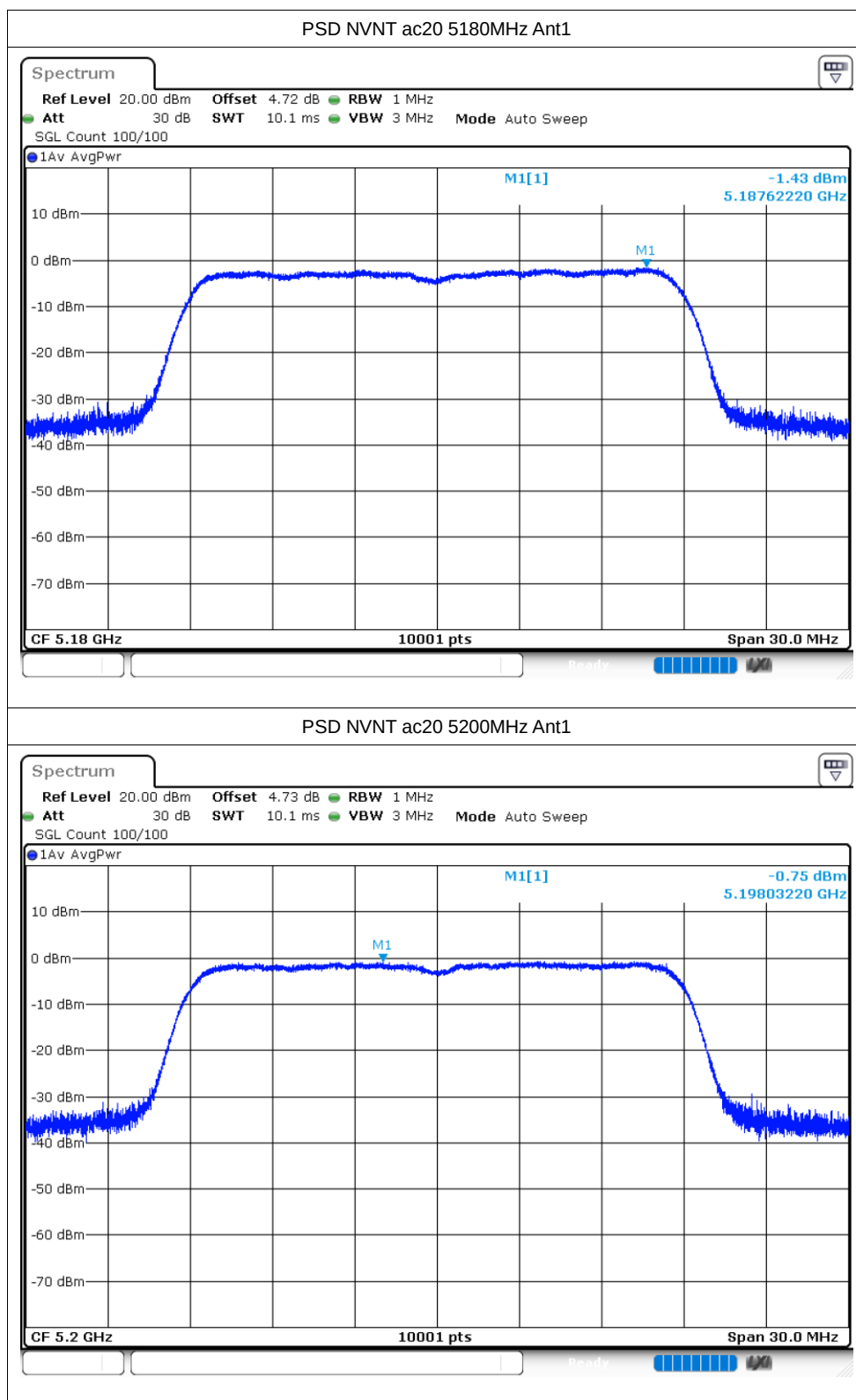
PSD NVNT a 5200MHz Ant1

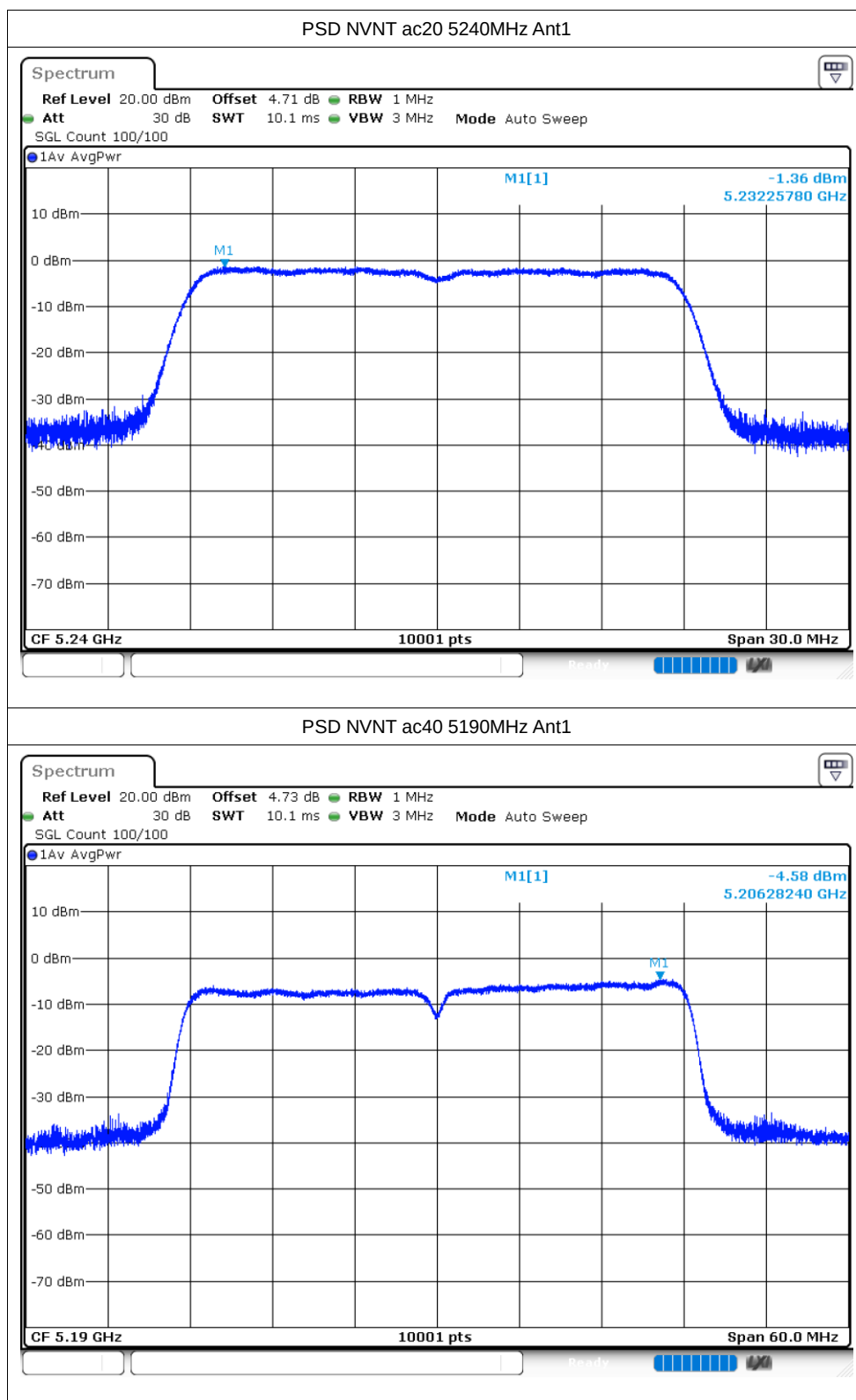


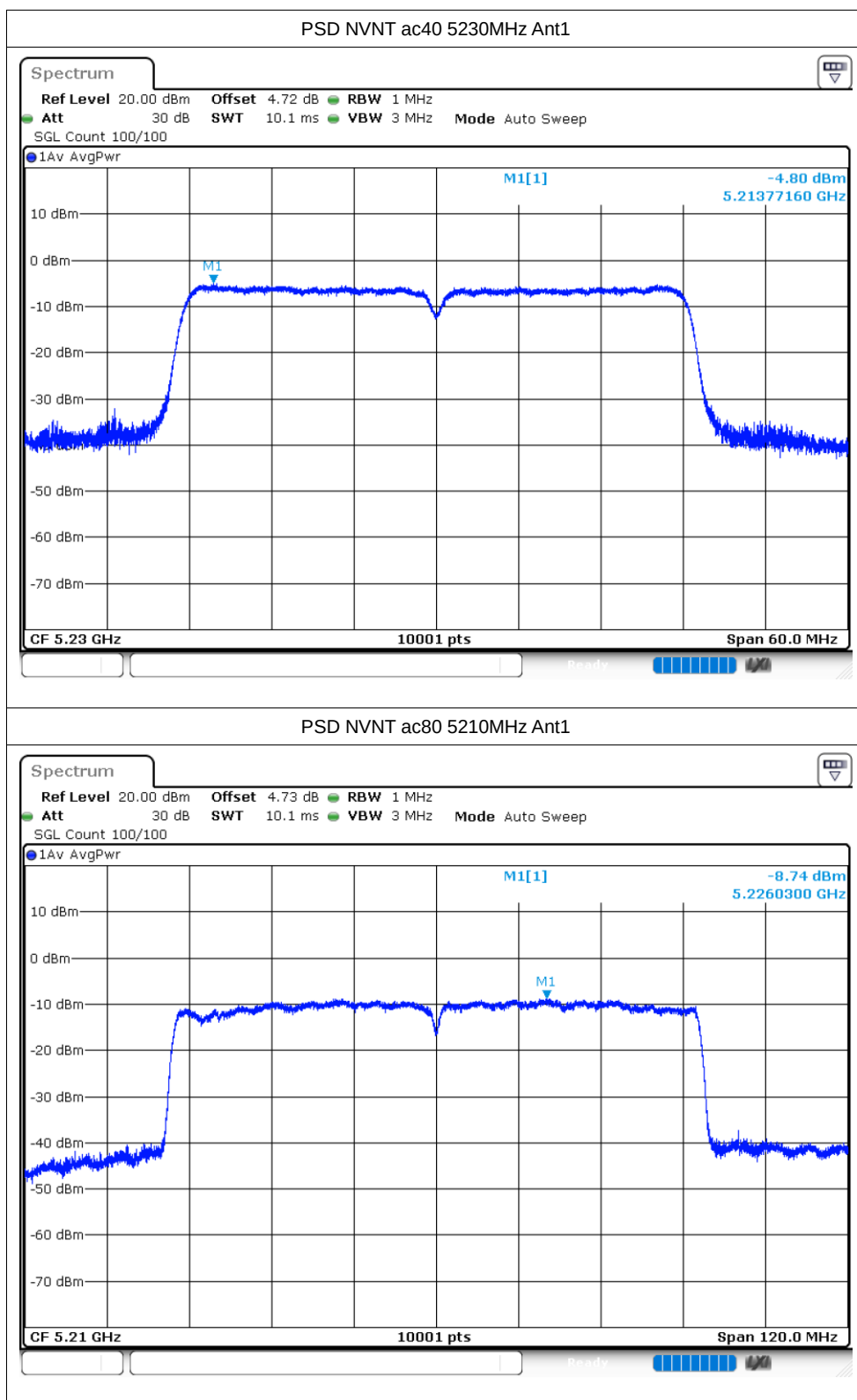










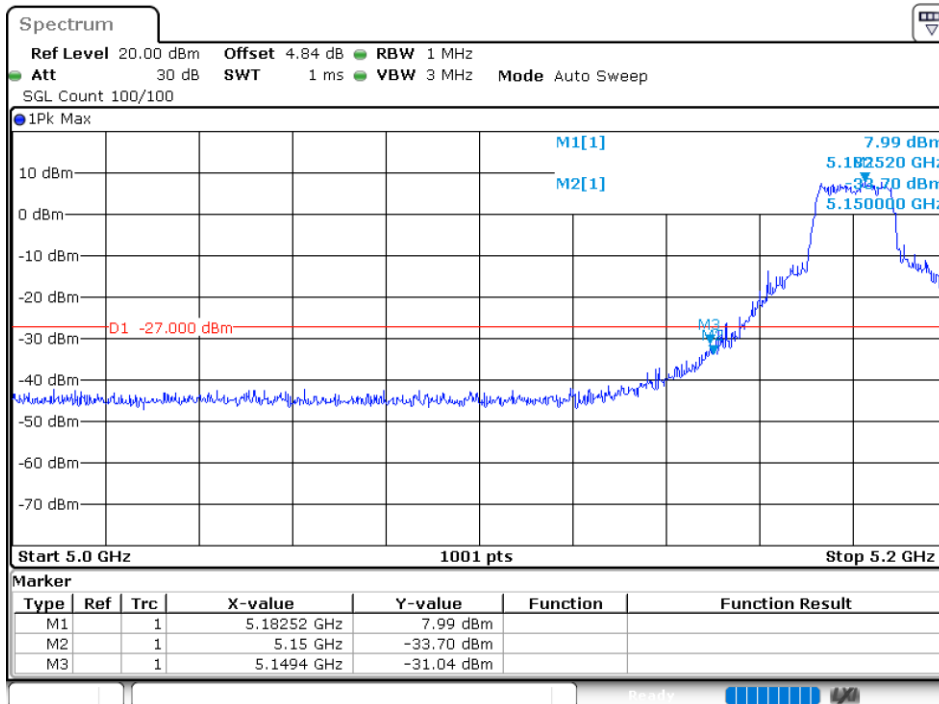


Band Edge

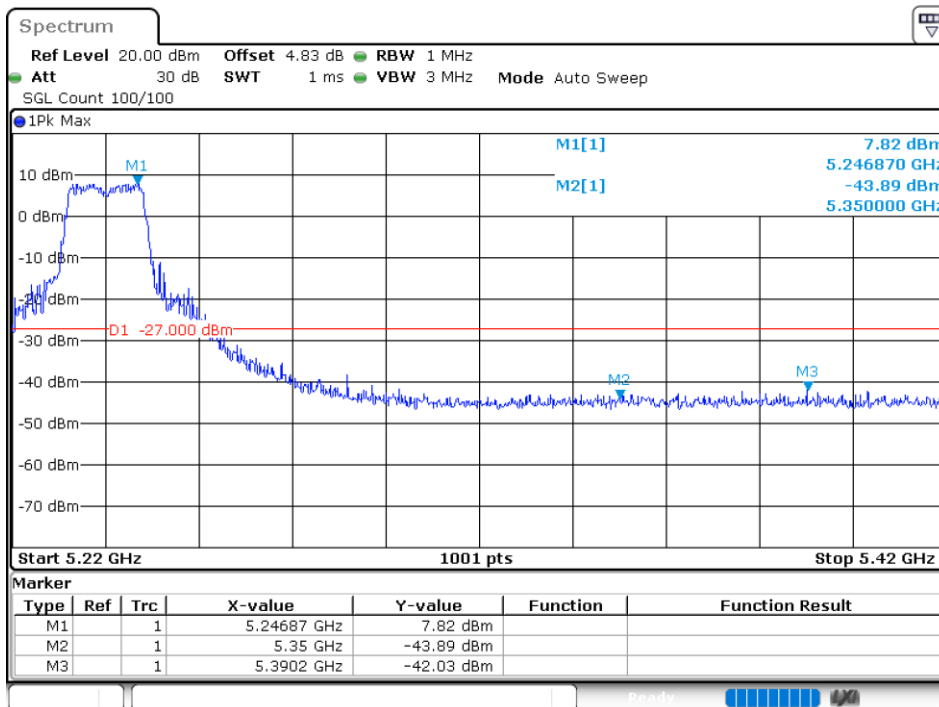
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-31.04	-27	Pass
NVNT	a	5240	Ant1	-42.02	-27	Pass
NVNT	n20	5180	Ant1	-30.5	-27	Pass
NVNT	n20	5240	Ant1	-41.56	-27	Pass
NVNT	n40	5190	Ant1	-28.99	-27	Pass
NVNT	n40	5230	Ant1	-42.56	-27	Pass
NVNT	ac20	5180	Ant1	-31.95	-27	Pass
NVNT	ac20	5240	Ant1	-42.23	-27	Pass
NVNT	ac40	5190	Ant1	-29.79	-27	Pass
NVNT	ac40	5230	Ant1	-42.59	-27	Pass
NVNT	ac80	5210	Ant1	-42.04	-27	Pass
NVNT	ac80	5210	Ant1	-31.44	-27	Pass

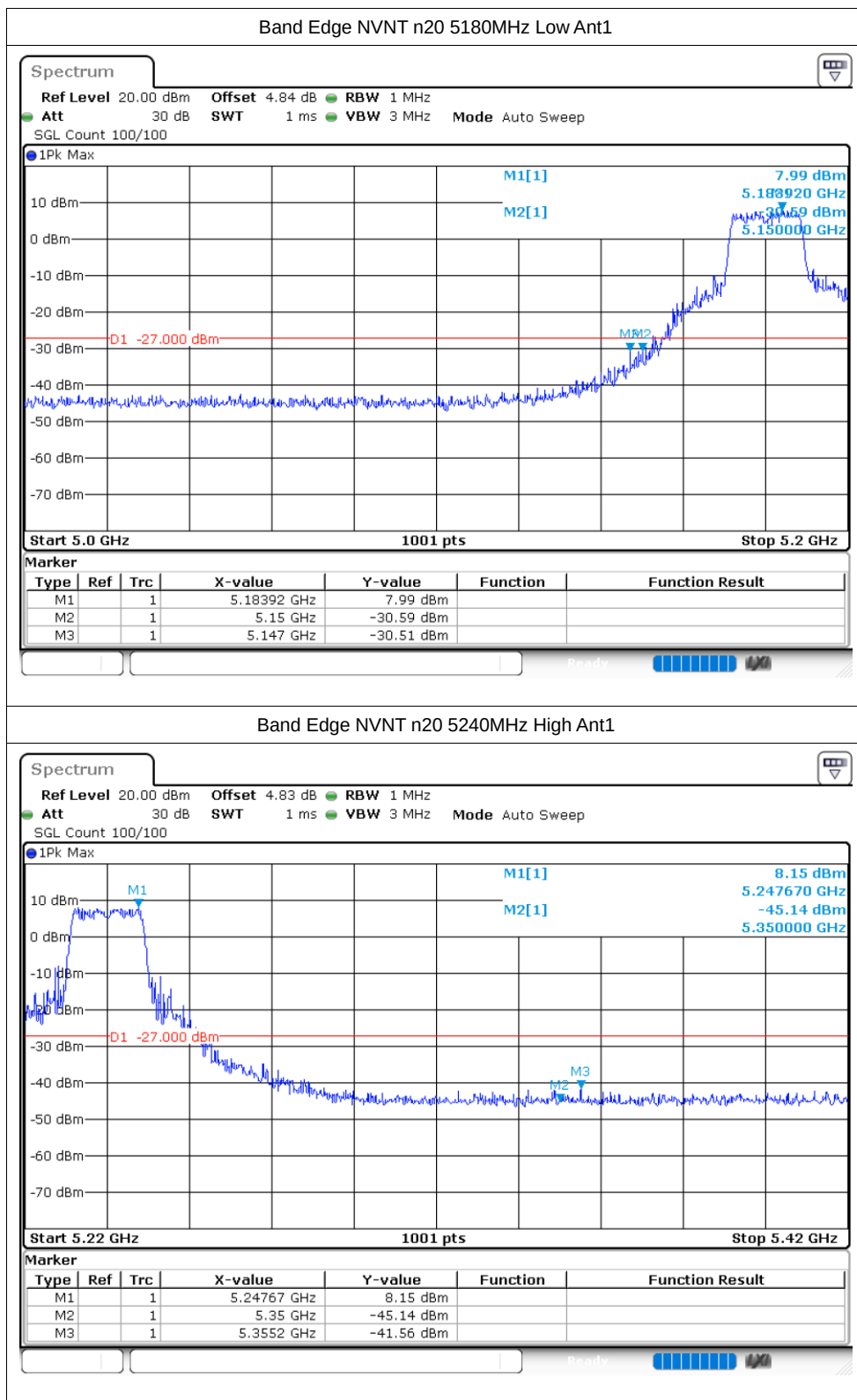
Test Graphs

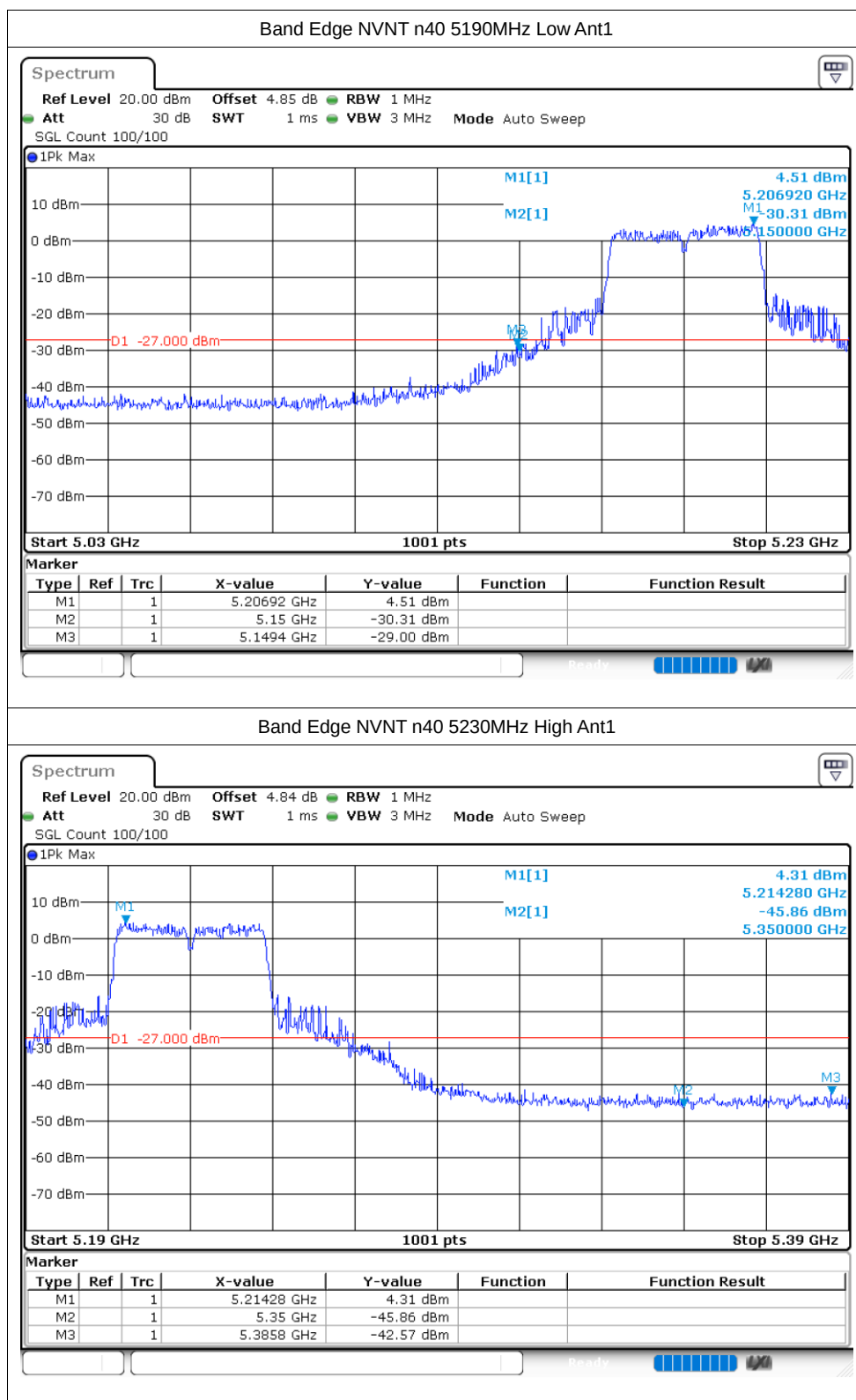
Band Edge NVNT a 5180MHz Low Ant1

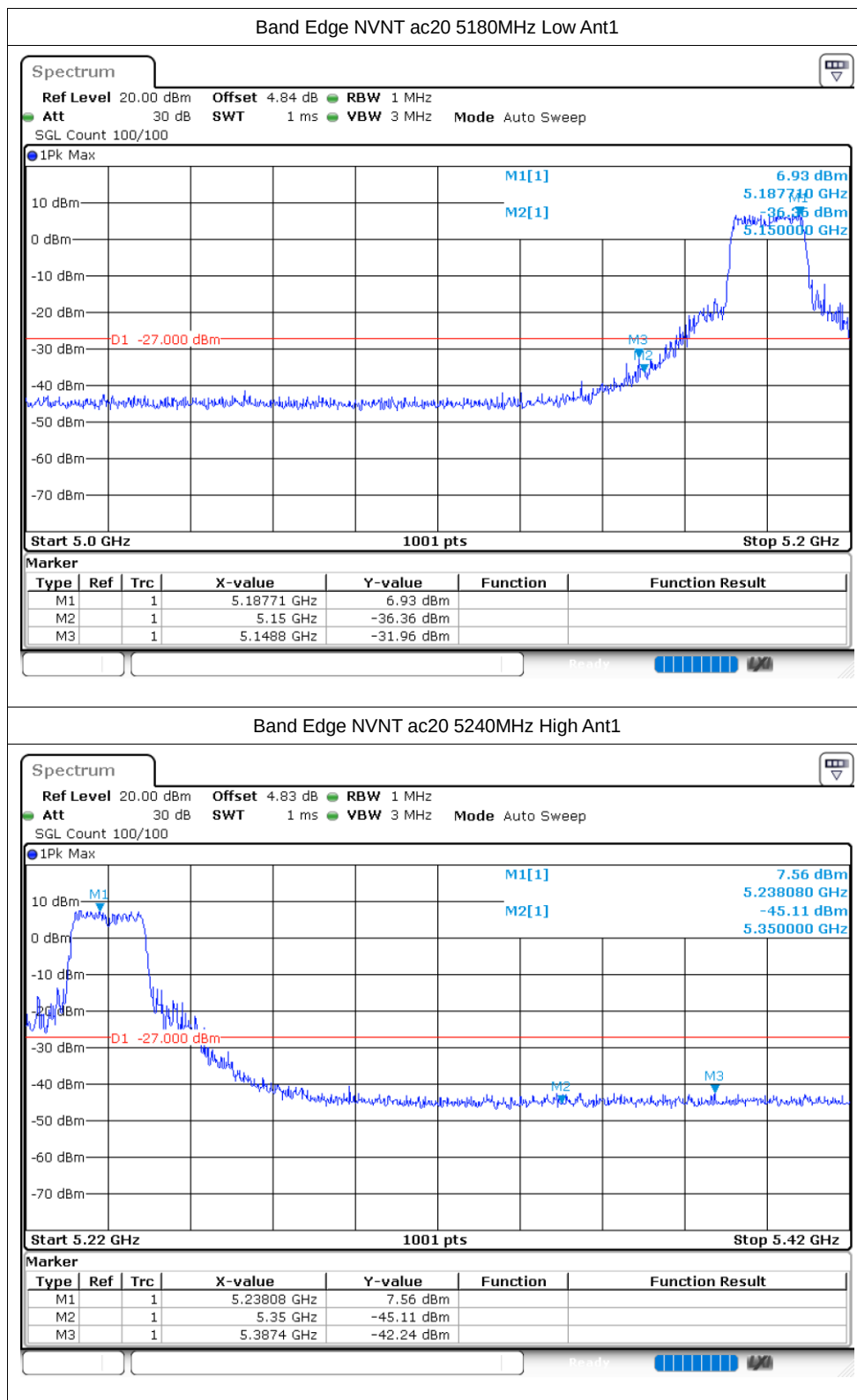


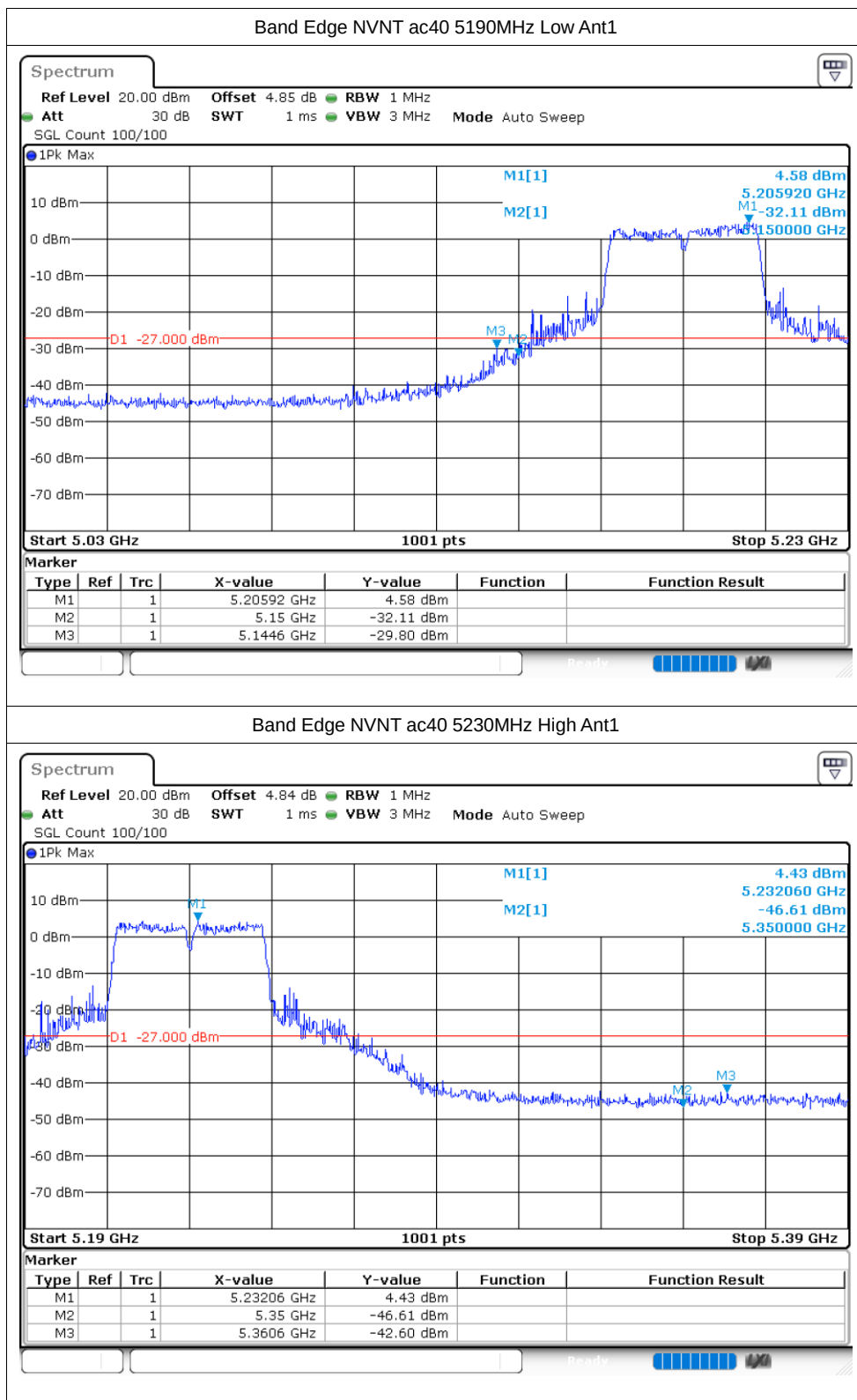
Band Edge NVNT a 5240MHz High Ant1

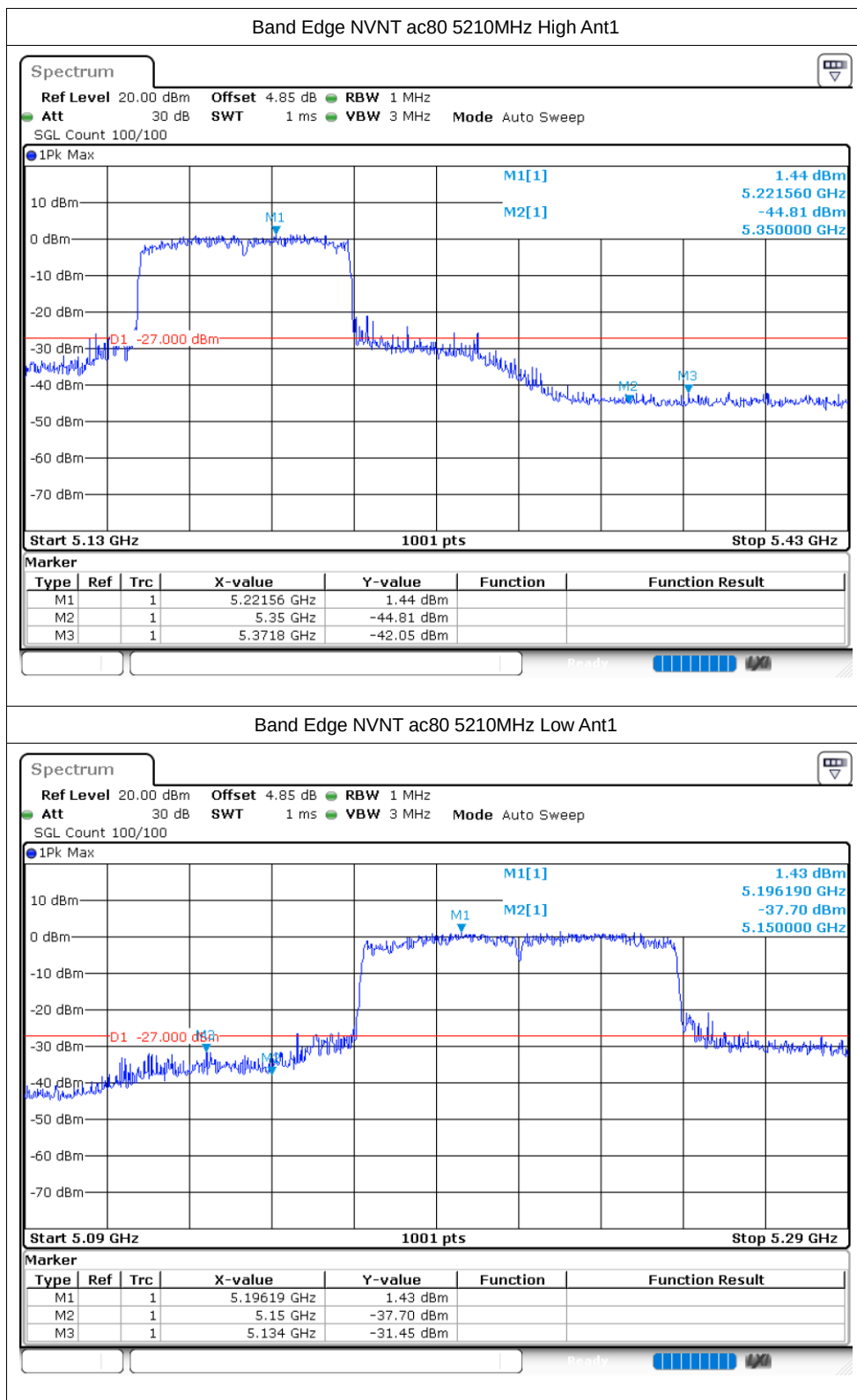












Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.42	-27	Pass
NVNT	a	5200	Ant1	-35.91	-27	Pass
NVNT	a	5240	Ant1	-35.95	-27	Pass
NVNT	n20	5180	Ant1	-35.38	-27	Pass
NVNT	n20	5200	Ant1	-34.99	-27	Pass
NVNT	n20	5240	Ant1	-36.09	-27	Pass
NVNT	n40	5190	Ant1	-36.14	-27	Pass
NVNT	n40	5230	Ant1	-35.41	-27	Pass
NVNT	ac20	5180	Ant1	-35.66	-27	Pass
NVNT	ac20	5200	Ant1	-36.65	-27	Pass
NVNT	ac20	5240	Ant1	-35.72	-27	Pass
NVNT	ac40	5190	Ant1	-35.62	-27	Pass
NVNT	ac40	5230	Ant1	-35.63	-27	Pass
NVNT	ac80	5210	Ant1	-36.36	-27	Pass

