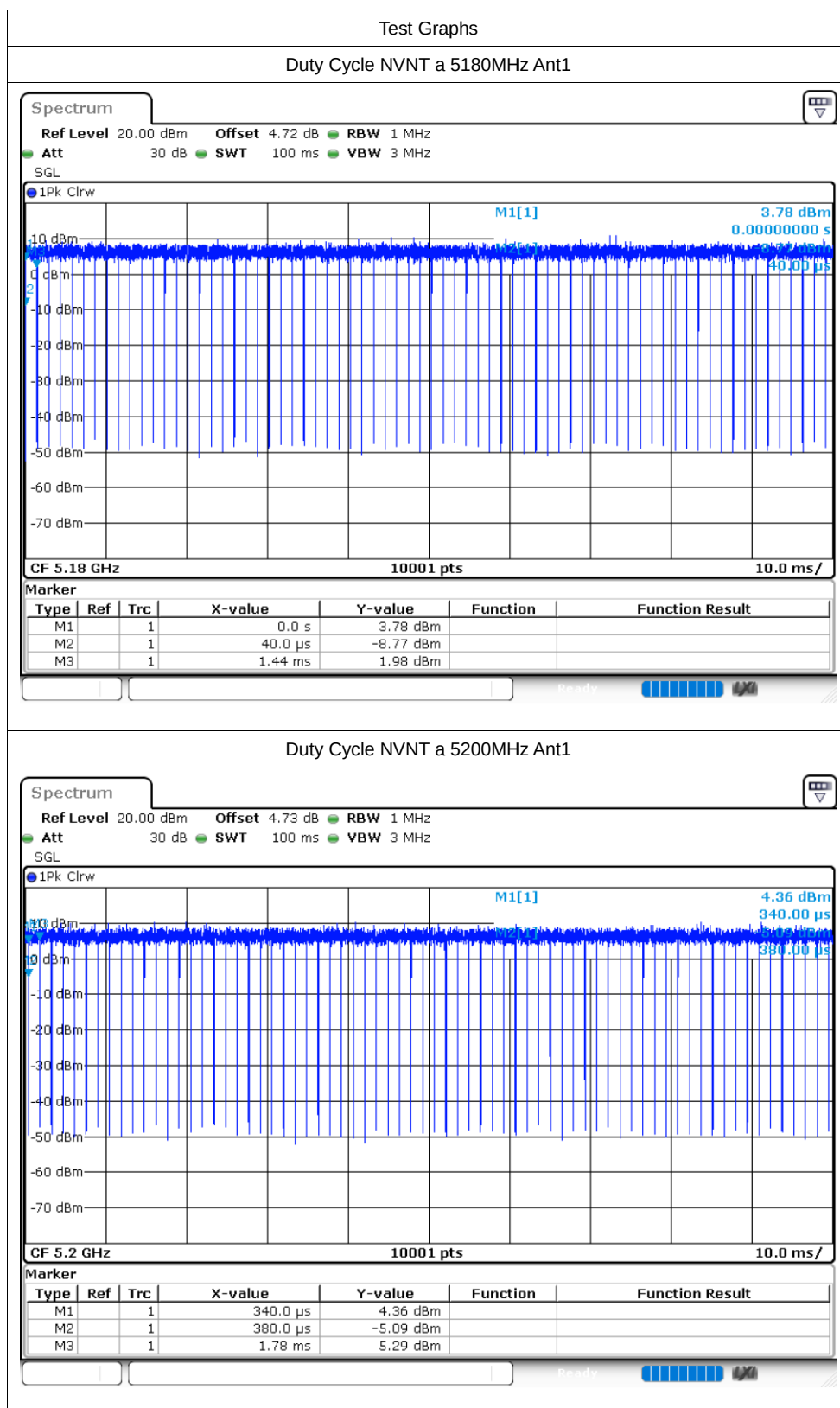
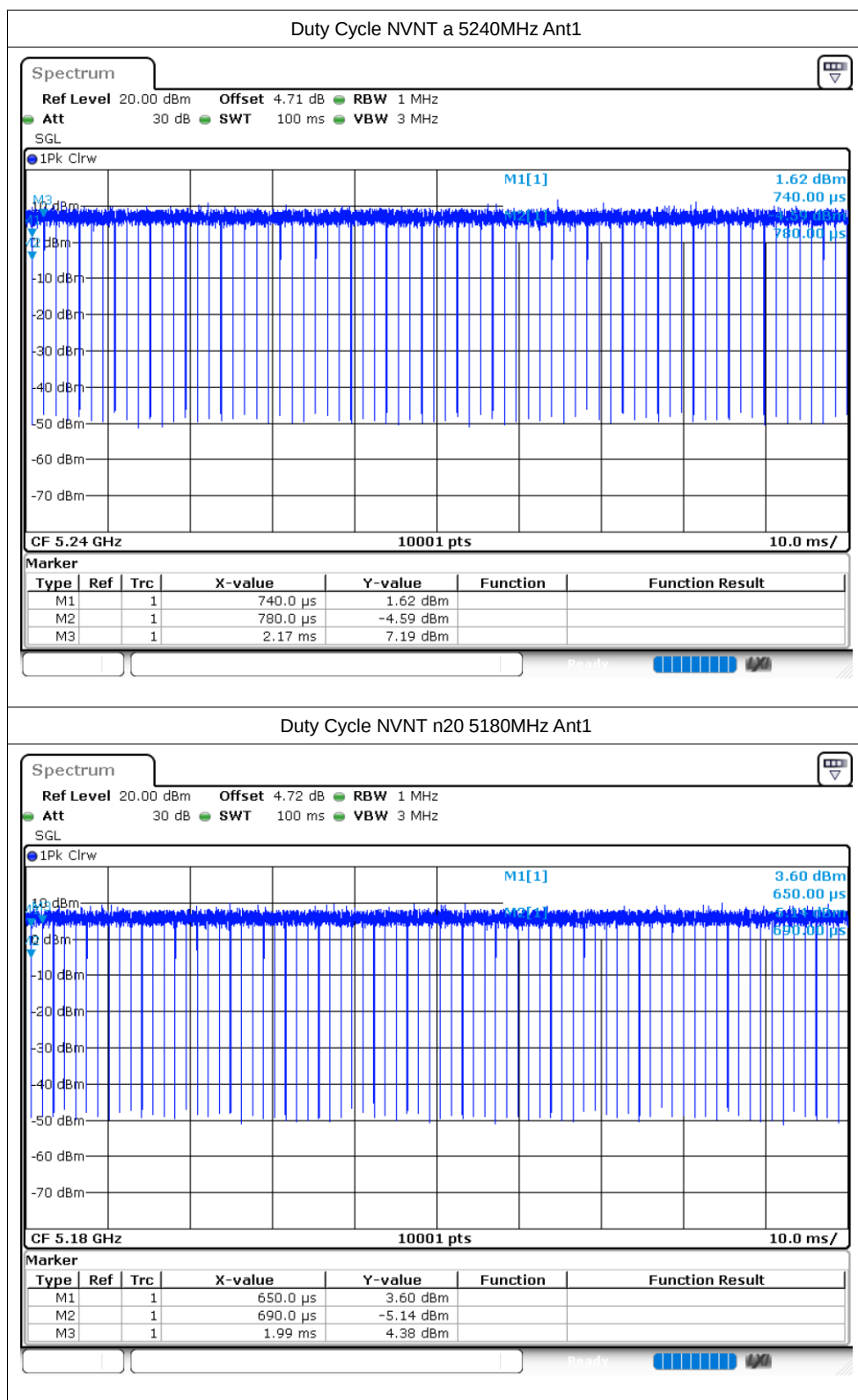


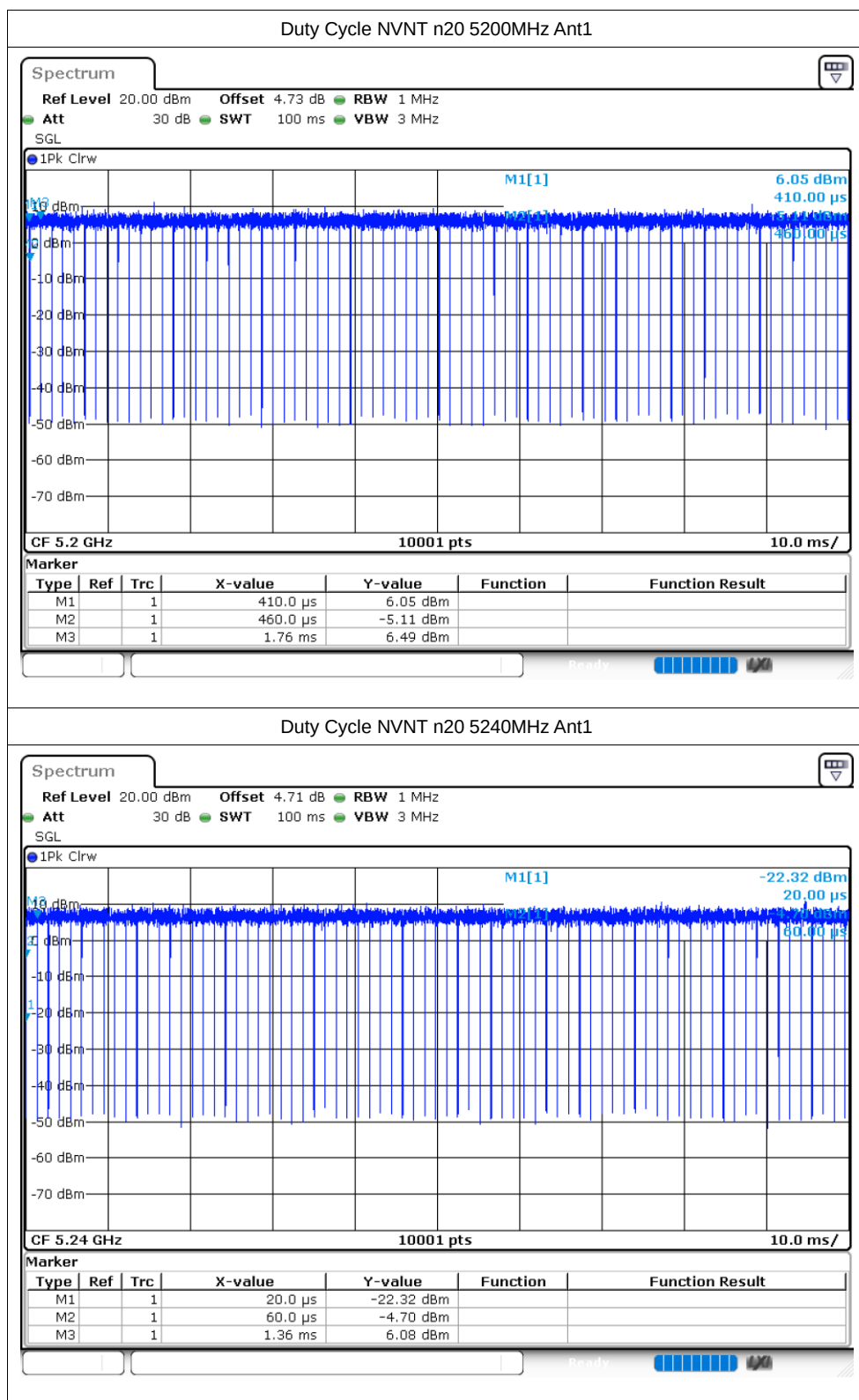
WIFI 5.2G

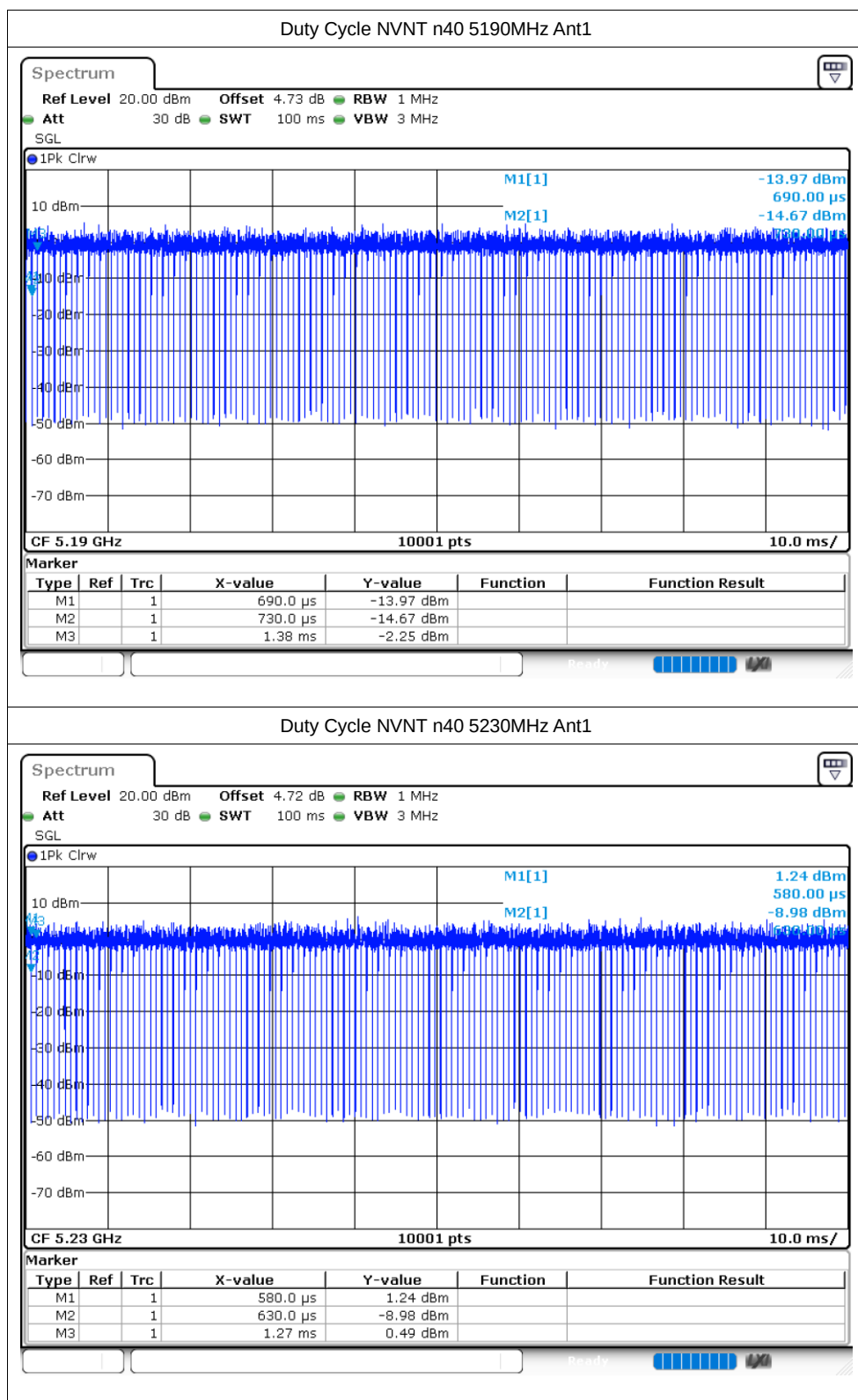
Duty Cycle

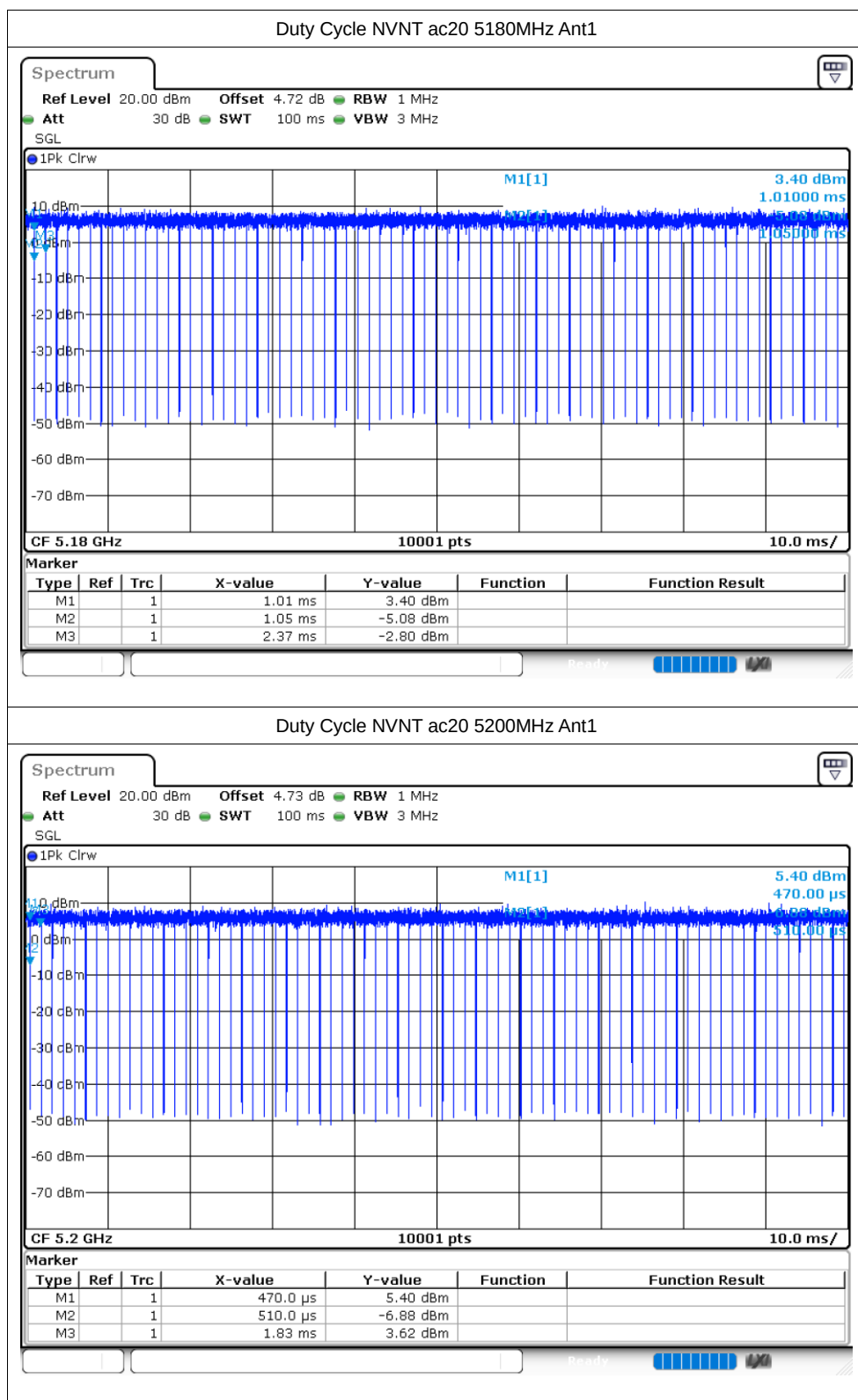
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.64	0.1	0.71
NVNT	a	5200	Ant1	97.63	0.1	0.71
NVNT	a	5240	Ant1	97.63	0.1	0.72
NVNT	n20	5180	Ant1	97.52	0.11	0.77
NVNT	n20	5200	Ant1	97.47	0.11	0.77
NVNT	n20	5240	Ant1	97.47	0.11	0.77
NVNT	n40	5190	Ant1	95.18	0.21	1.54
NVNT	n40	5230	Ant1	95.2	0.21	1.56
NVNT	ac20	5180	Ant1	97.53	0.11	0.76
NVNT	ac20	5200	Ant1	97.49	0.11	0.76
NVNT	ac20	5240	Ant1	97.5	0.11	0.76
NVNT	ac40	5190	Ant1	95.17	0.21	1.54
NVNT	ac40	5230	Ant1	95.2	0.21	1.52
NVNT	ac80	5210	Ant1	90.95	0.41	3.03

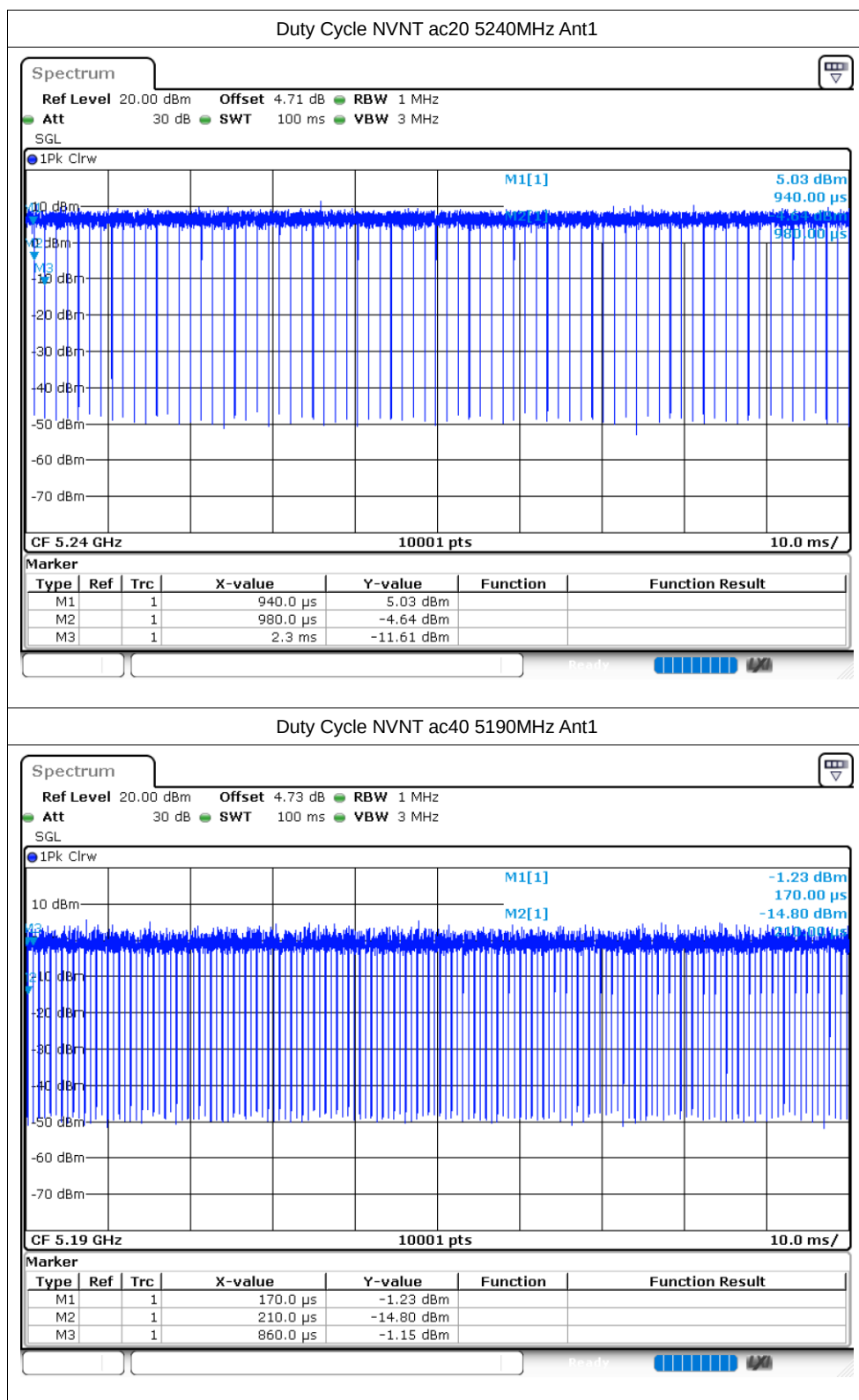


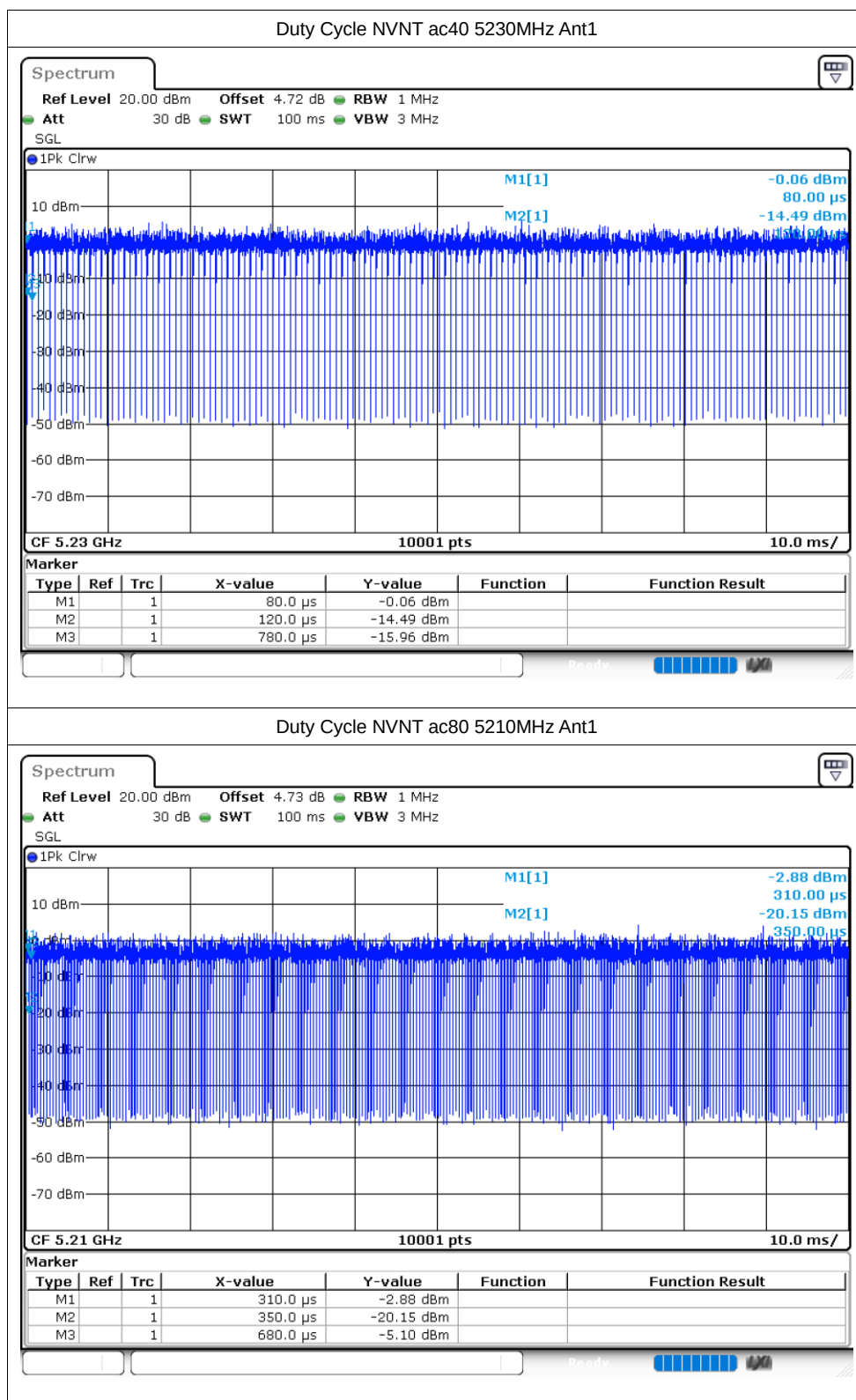












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.14	24	Pass
NVNT	a	5200	Ant1	13.38	24	Pass
NVNT	a	5240	Ant1	13.31	24	Pass
NVNT	n20	5180	Ant1	13.03	24	Pass
NVNT	n20	5200	Ant1	13.27	24	Pass
NVNT	n20	5240	Ant1	13.32	24	Pass
NVNT	n40	5190	Ant1	13.1	24	Pass
NVNT	n40	5230	Ant1	12.99	24	Pass
NVNT	ac20	5180	Ant1	13.18	24	Pass
NVNT	ac20	5200	Ant1	13.01	24	Pass
NVNT	ac20	5240	Ant1	13	24	Pass
NVNT	ac40	5190	Ant1	13.21	24	Pass
NVNT	ac40	5230	Ant1	13.08	24	Pass
NVNT	ac80	5210	Ant1	13.2	24	Pass

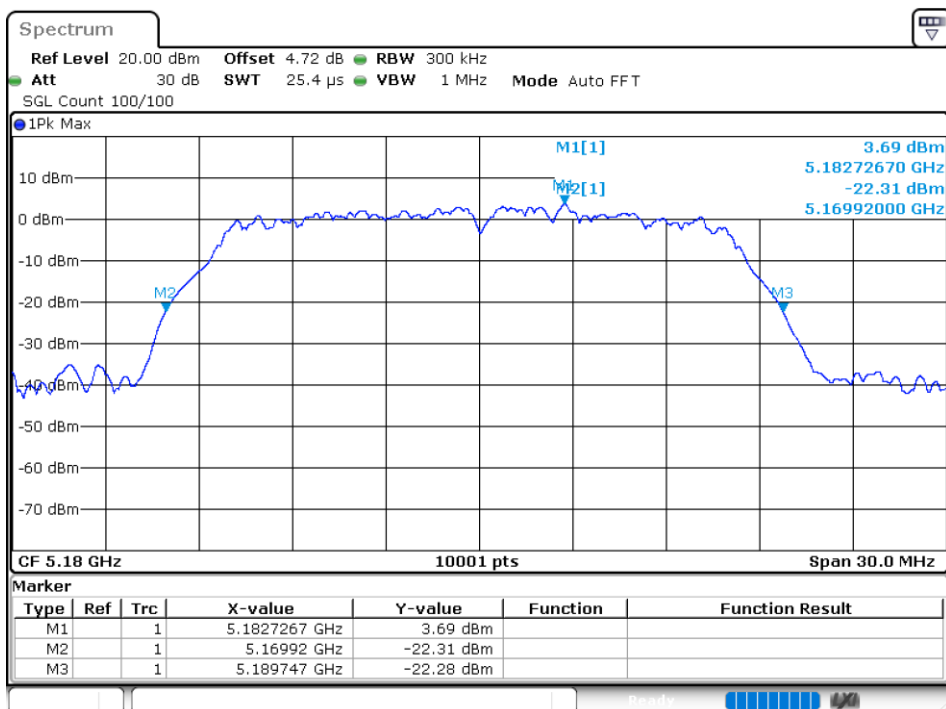
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

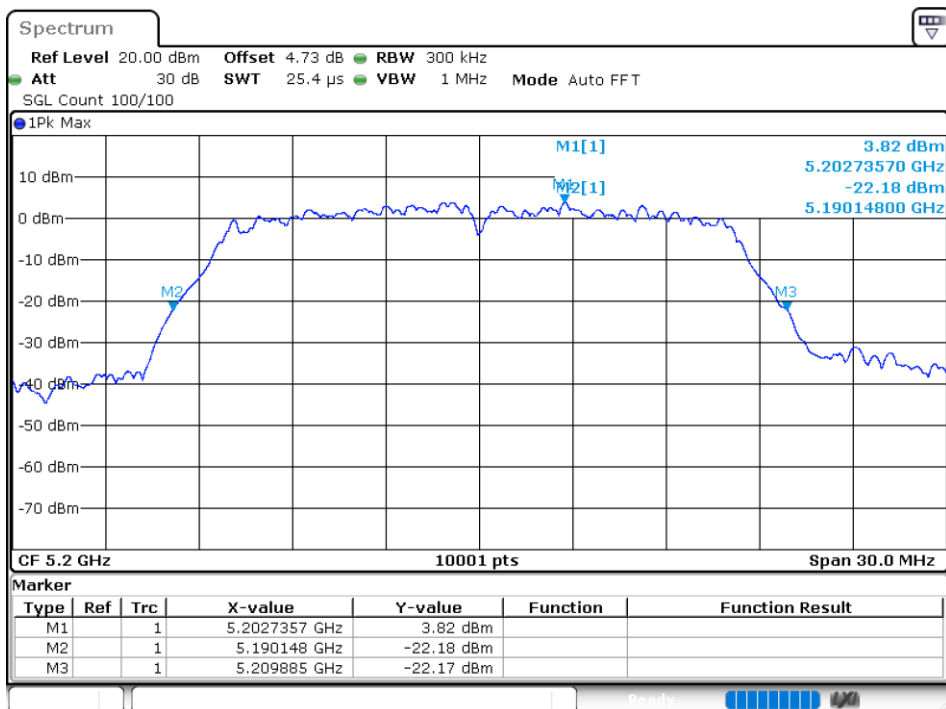
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.827	Pass
NVNT	a	5200	Ant1	19.737	Pass
NVNT	a	5240	Ant1	19.695	Pass
NVNT	n20	5180	Ant1	20.325	Pass
NVNT	n20	5200	Ant1	20.223	Pass
NVNT	n20	5240	Ant1	20.049	Pass
NVNT	n40	5190	Ant1	40.776	Pass
NVNT	n40	5230	Ant1	41.04	Pass
NVNT	ac20	5180	Ant1	20.502	Pass
NVNT	ac20	5200	Ant1	20.289	Pass
NVNT	ac20	5240	Ant1	20.1	Pass
NVNT	ac40	5190	Ant1	40.848	Pass
NVNT	ac40	5230	Ant1	40.902	Pass
NVNT	ac80	5210	Ant1	81.168	Pass

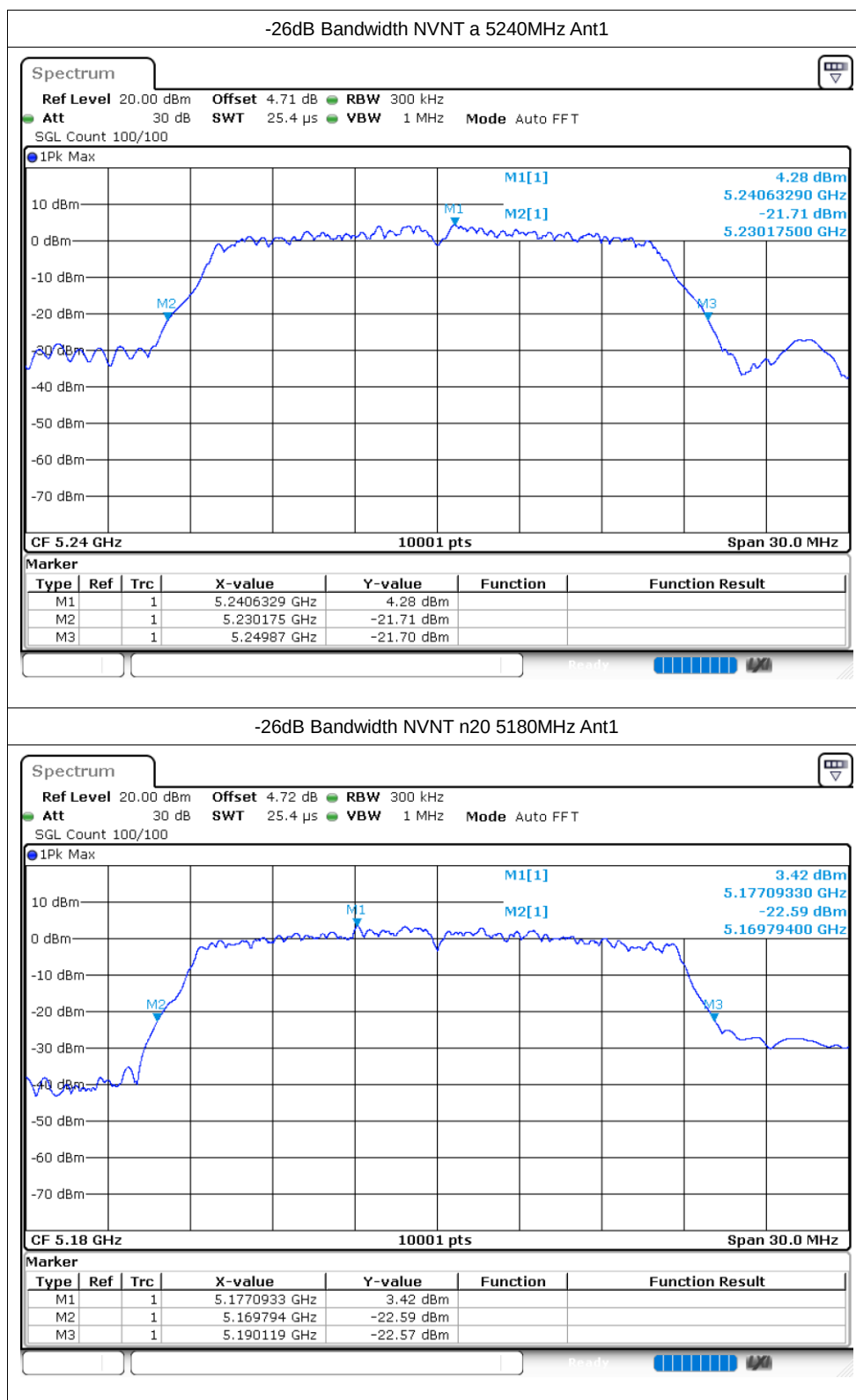
Test Graphs

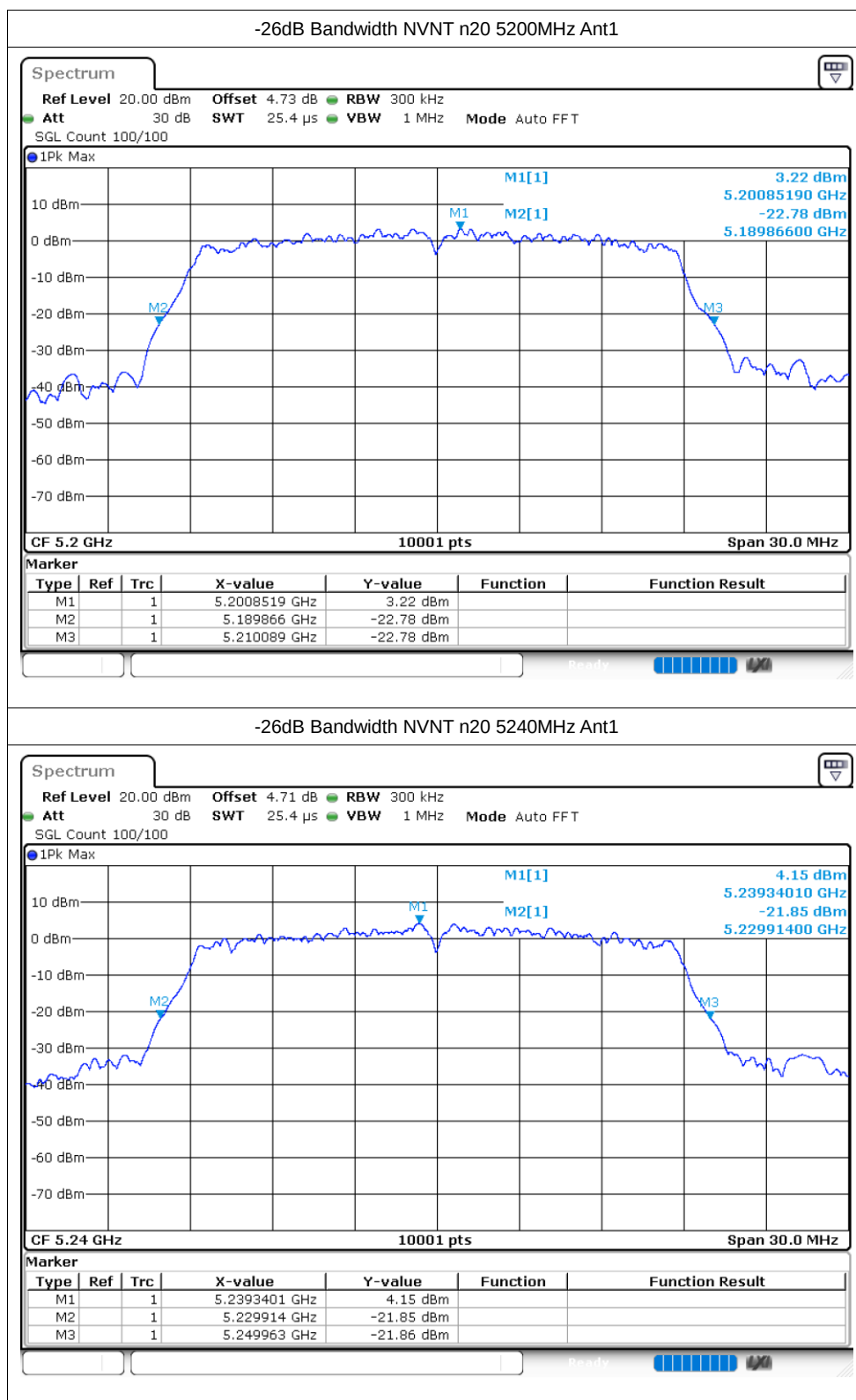
-26dB Bandwidth NVNT a 5180MHz Ant1

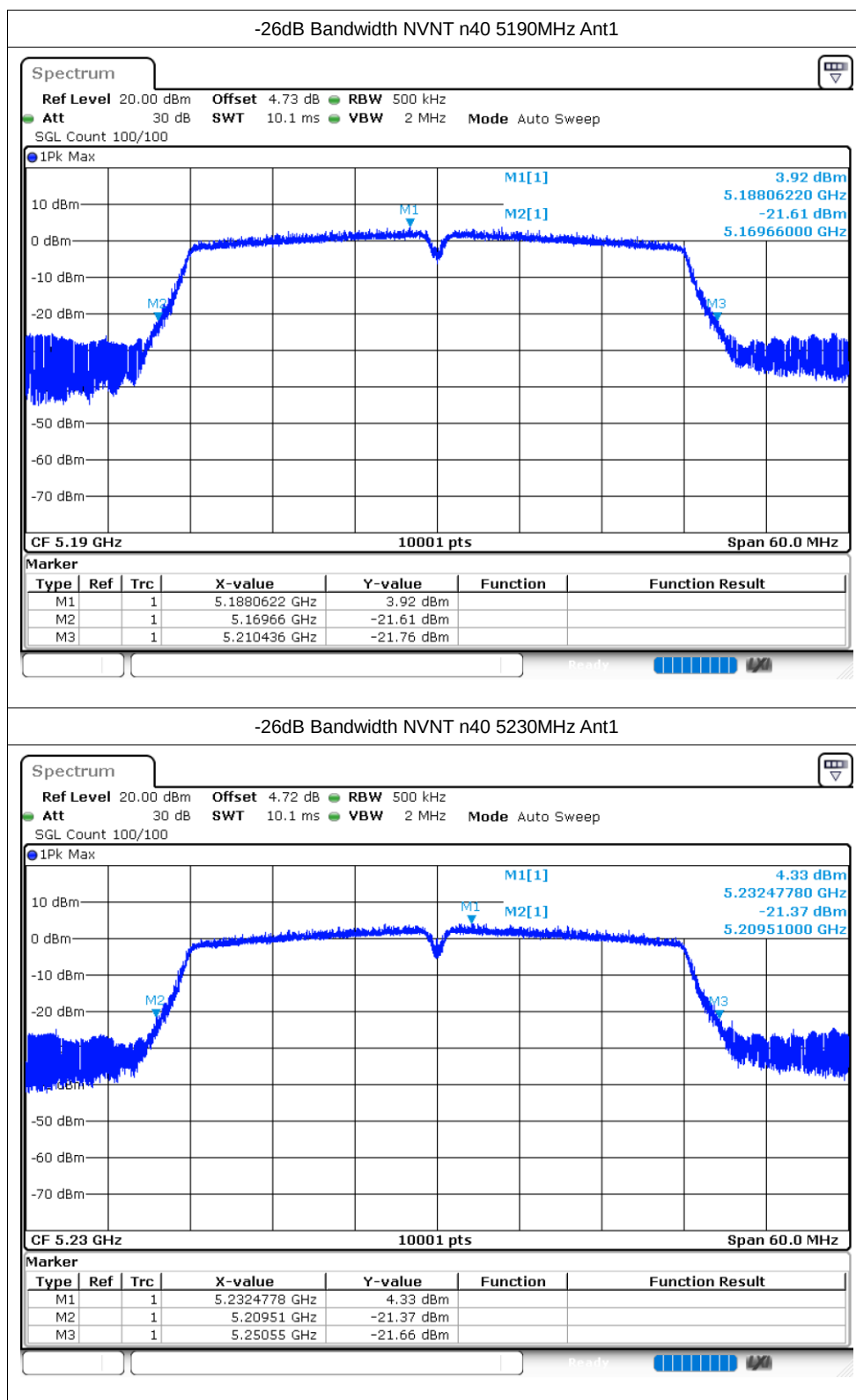


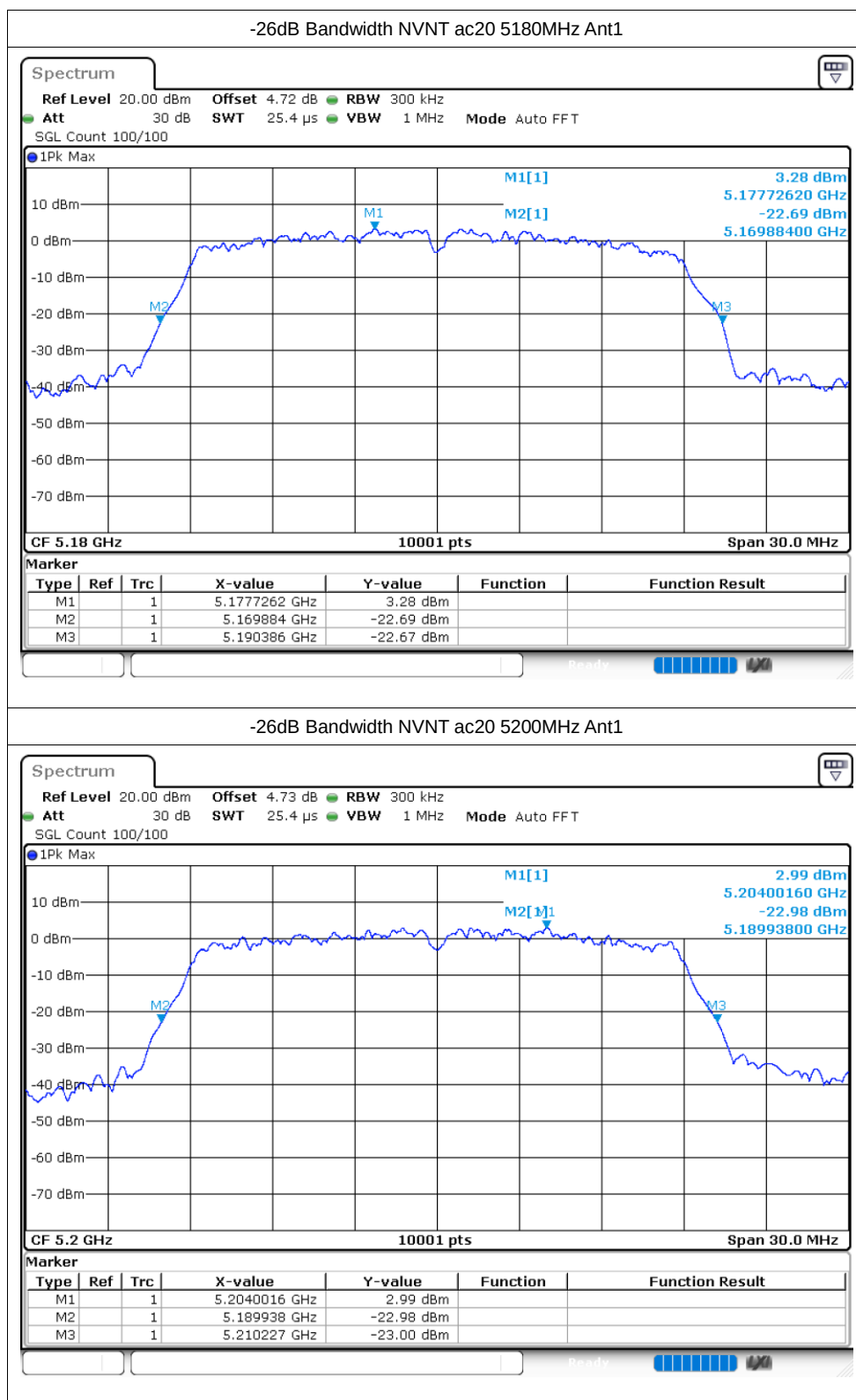
-26dB Bandwidth NVNT a 5200MHz Ant1

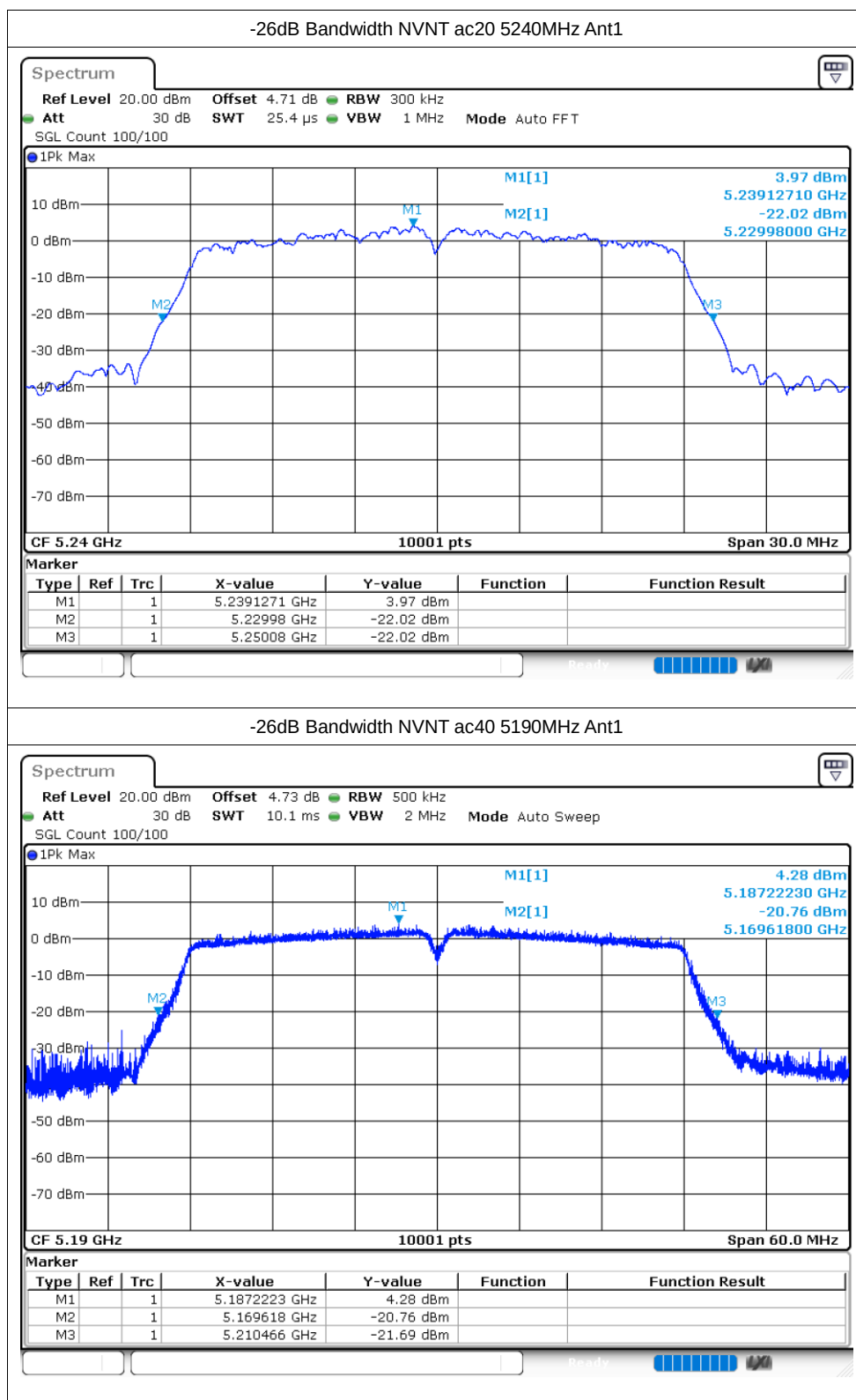


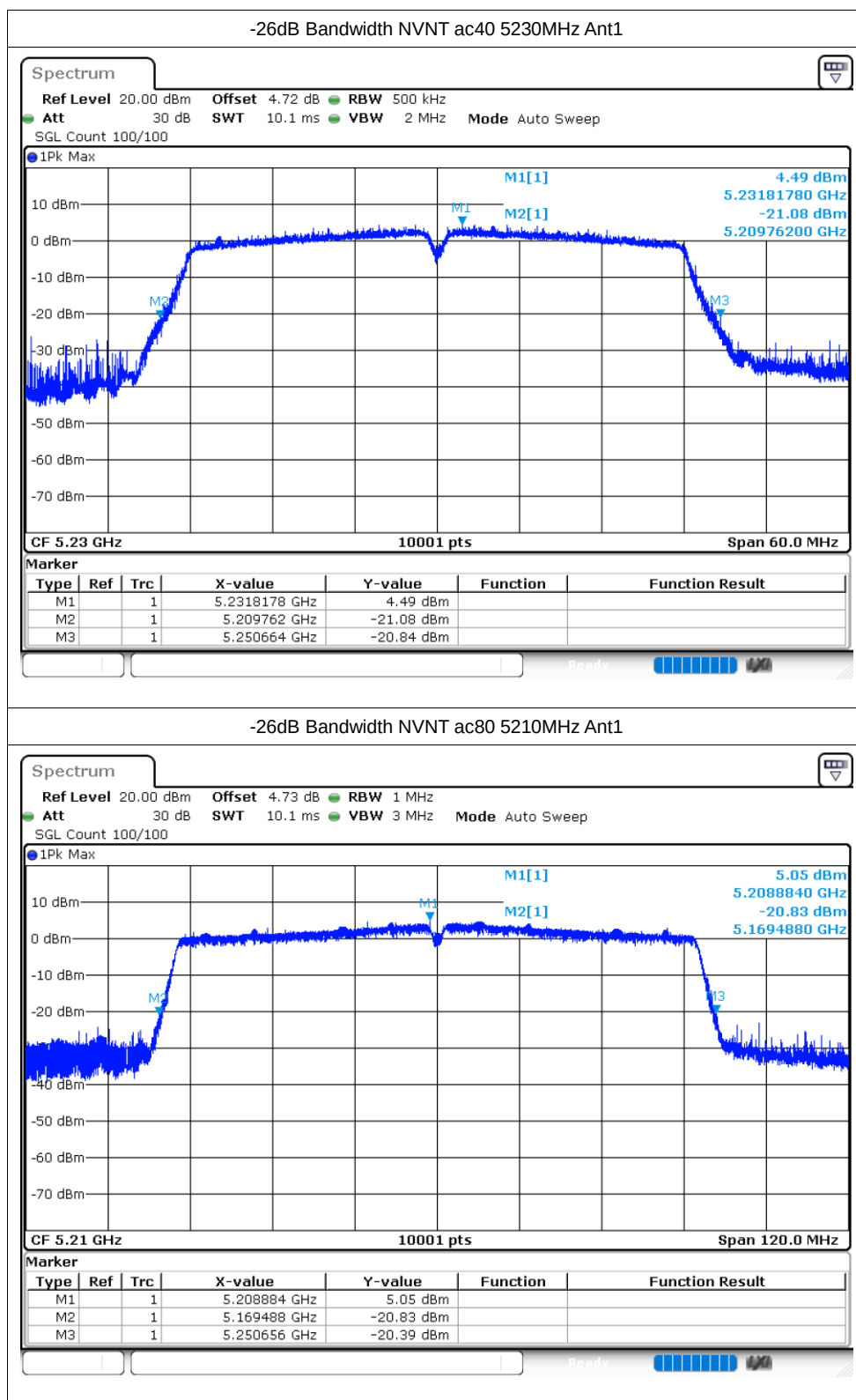










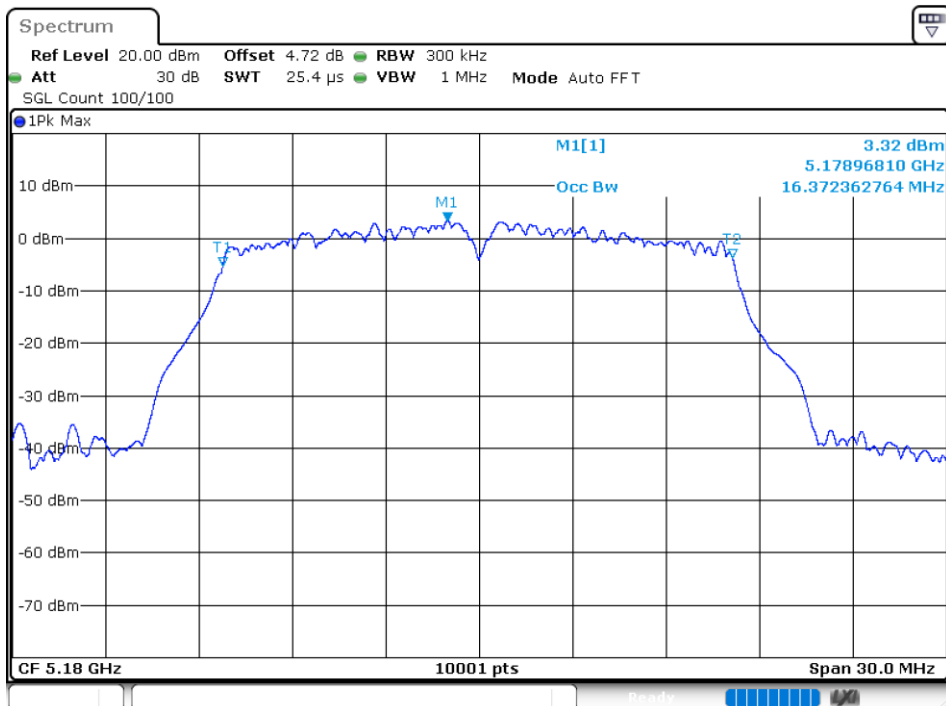


Occupied Channel Bandwidth

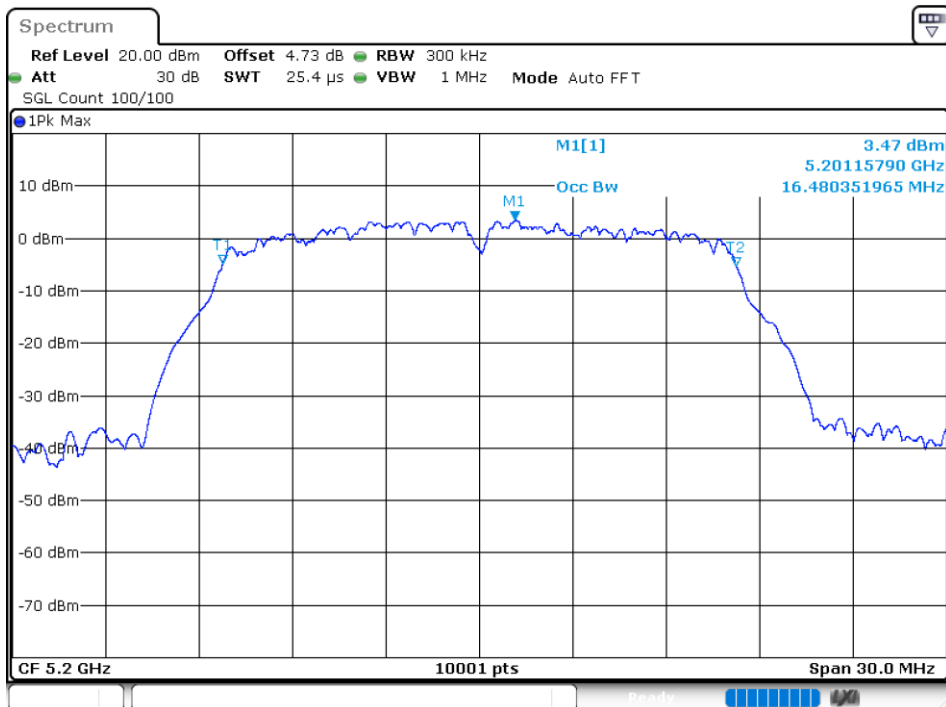
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.372
NVNT	a	5200	Ant1	16.48
NVNT	a	5240	Ant1	16.645
NVNT	n20	5180	Ant1	17.545
NVNT	n20	5200	Ant1	17.578
NVNT	n20	5240	Ant1	17.551
NVNT	n40	5190	Ant1	36.14
NVNT	n40	5230	Ant1	36.074
NVNT	ac20	5180	Ant1	17.587
NVNT	ac20	5200	Ant1	17.638
NVNT	ac20	5240	Ant1	17.572
NVNT	ac40	5190	Ant1	36.11
NVNT	ac40	5230	Ant1	36.05
NVNT	ac80	5210	Ant1	75.316

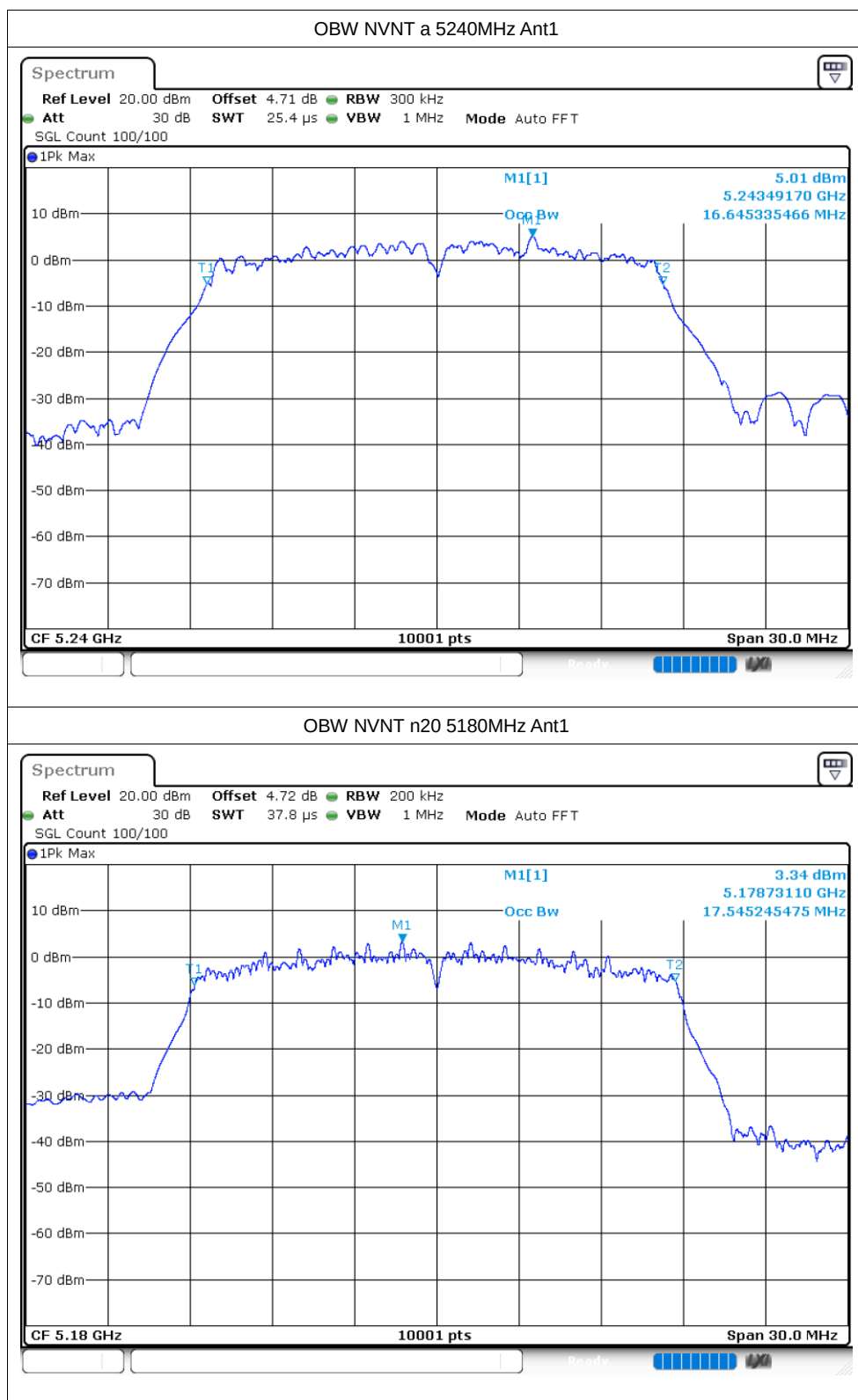
Test Graphs

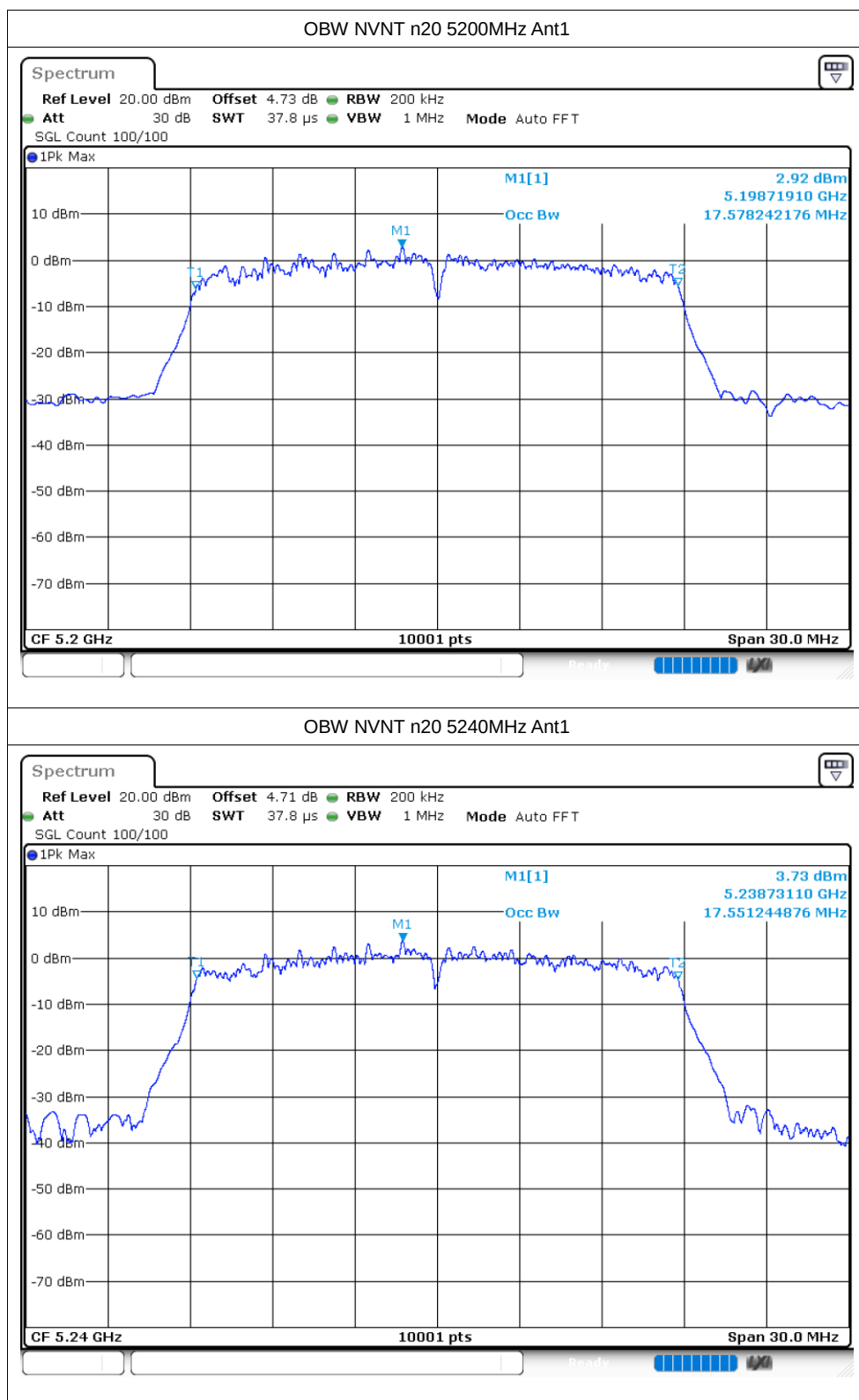
OBW NVNT a 5180MHz Ant1

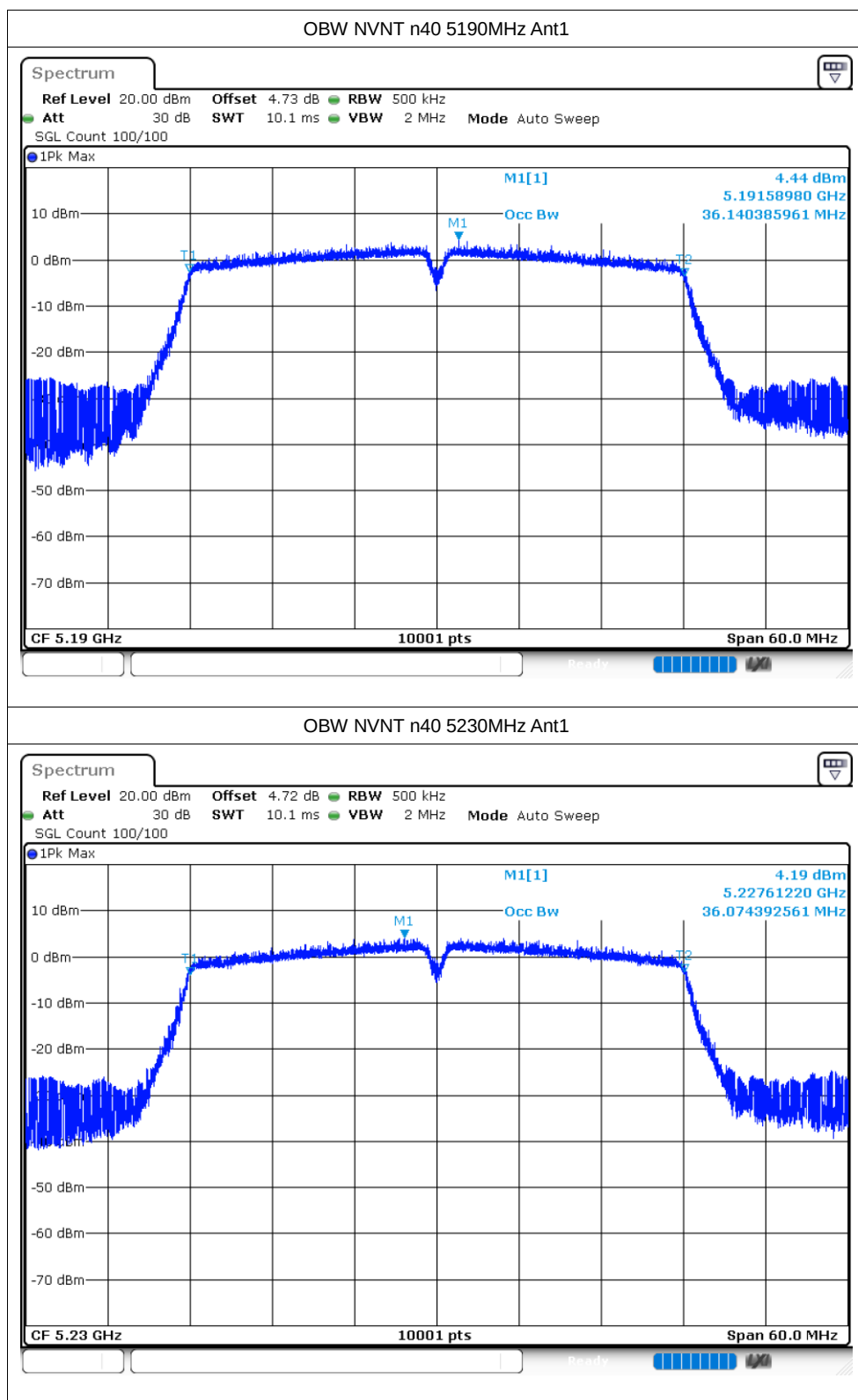


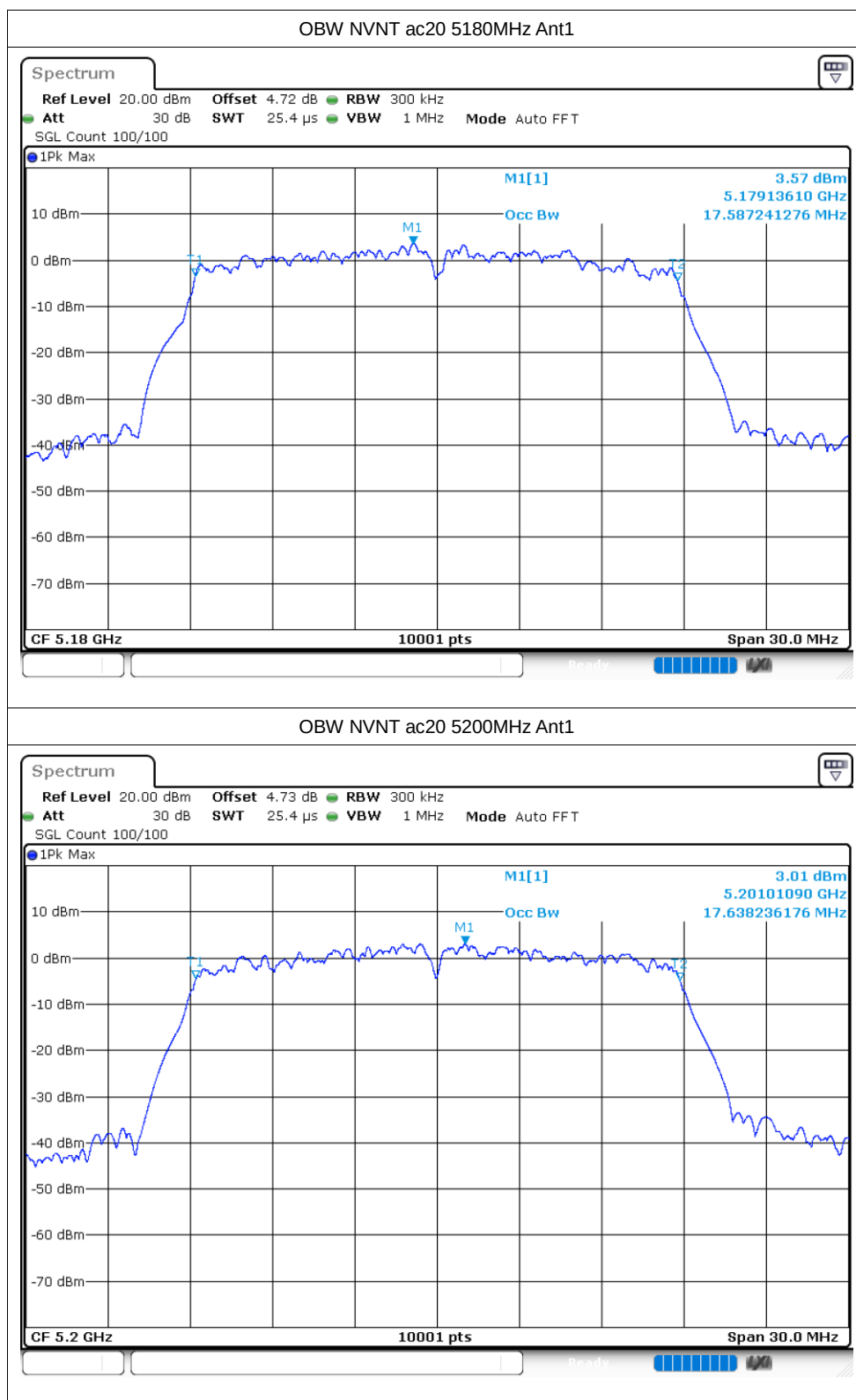
OBW NVNT a 5200MHz Ant1

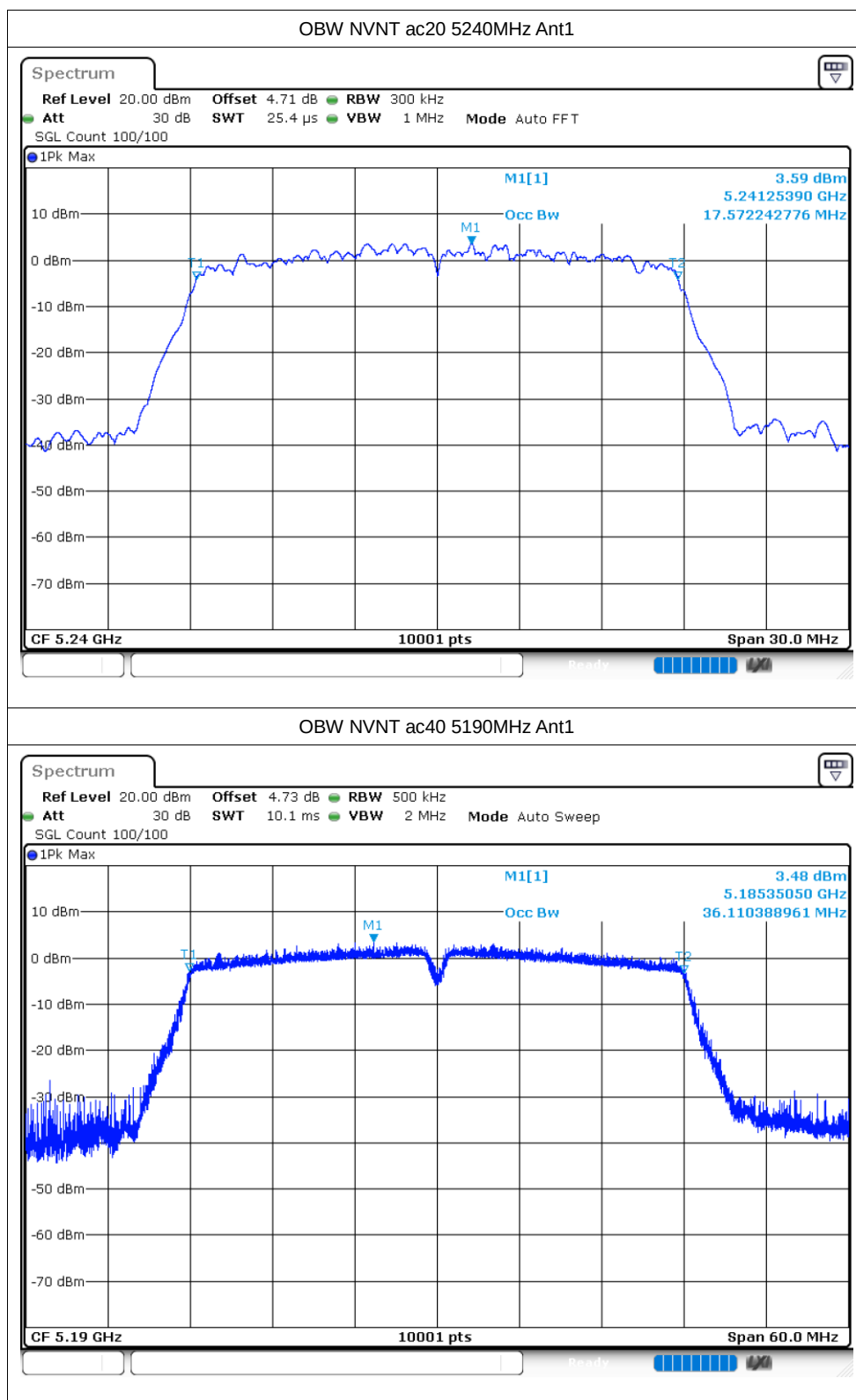


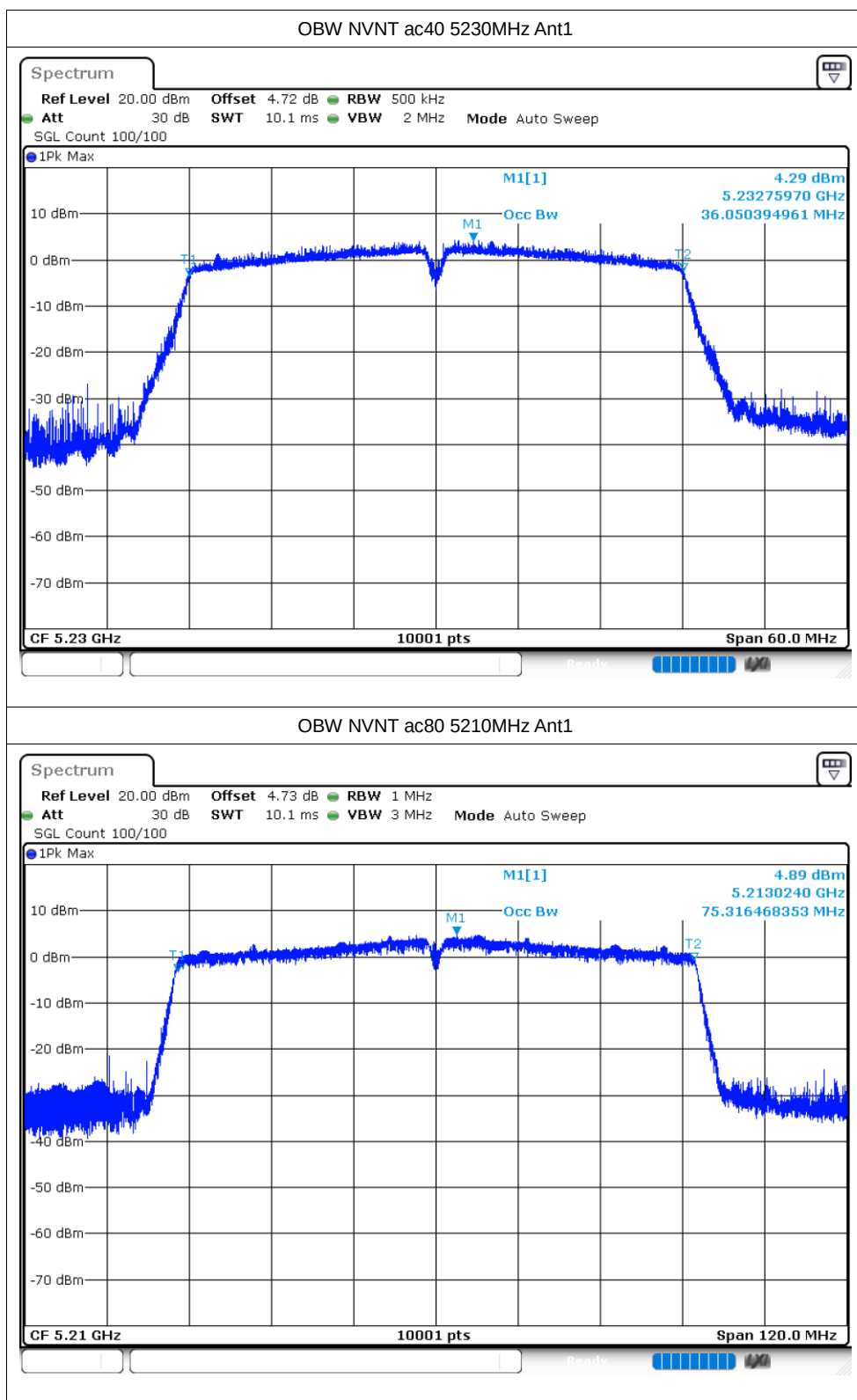






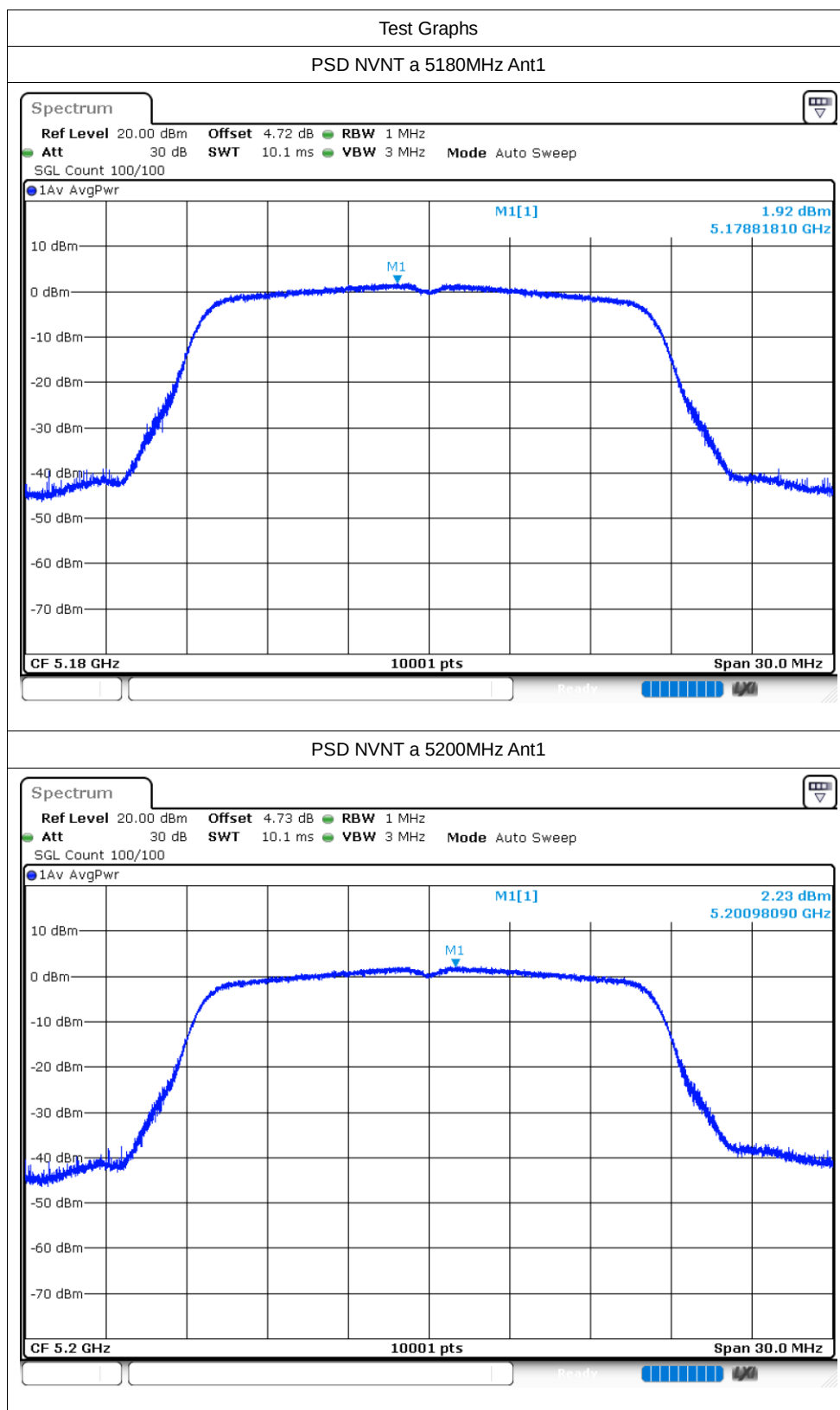


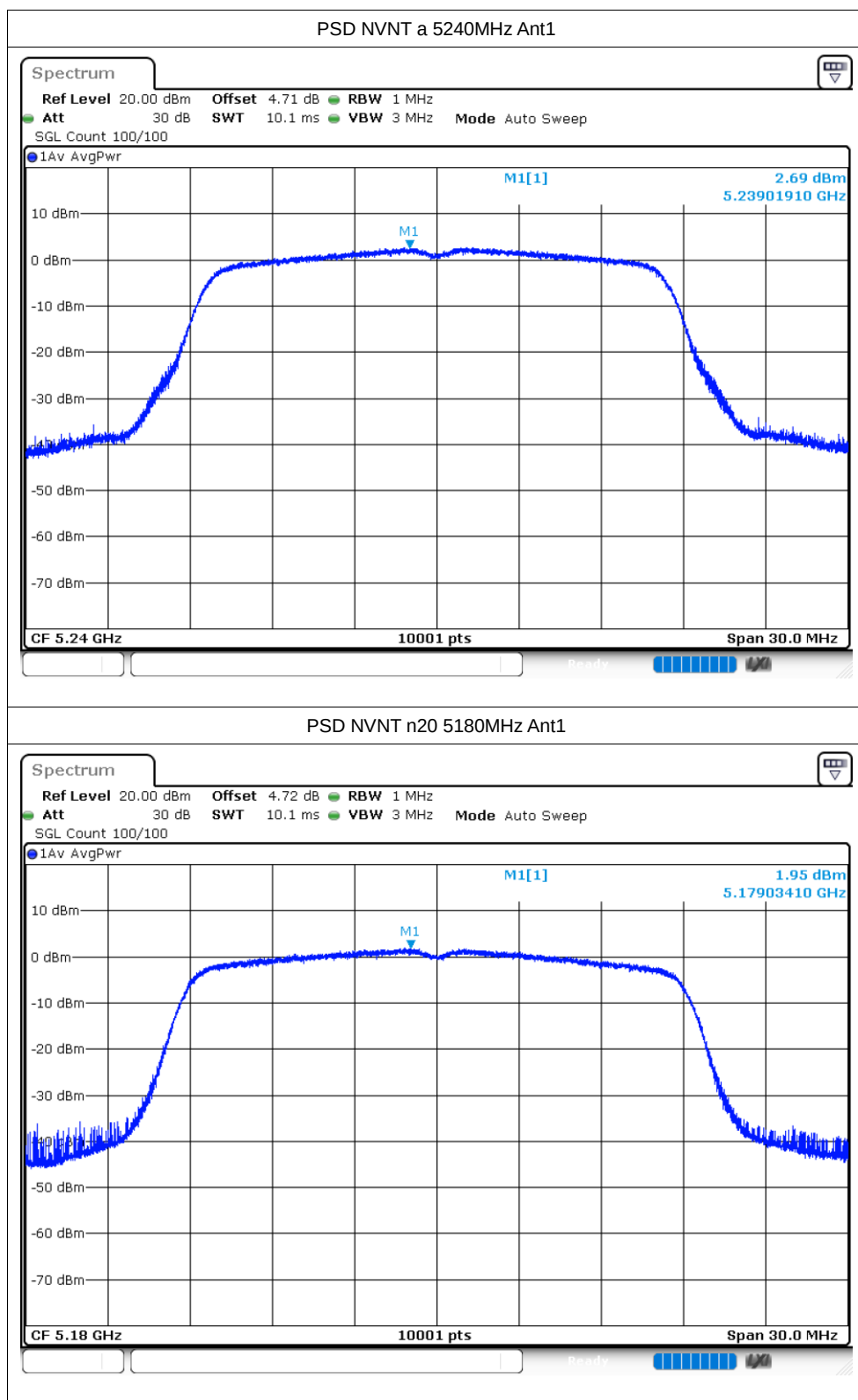


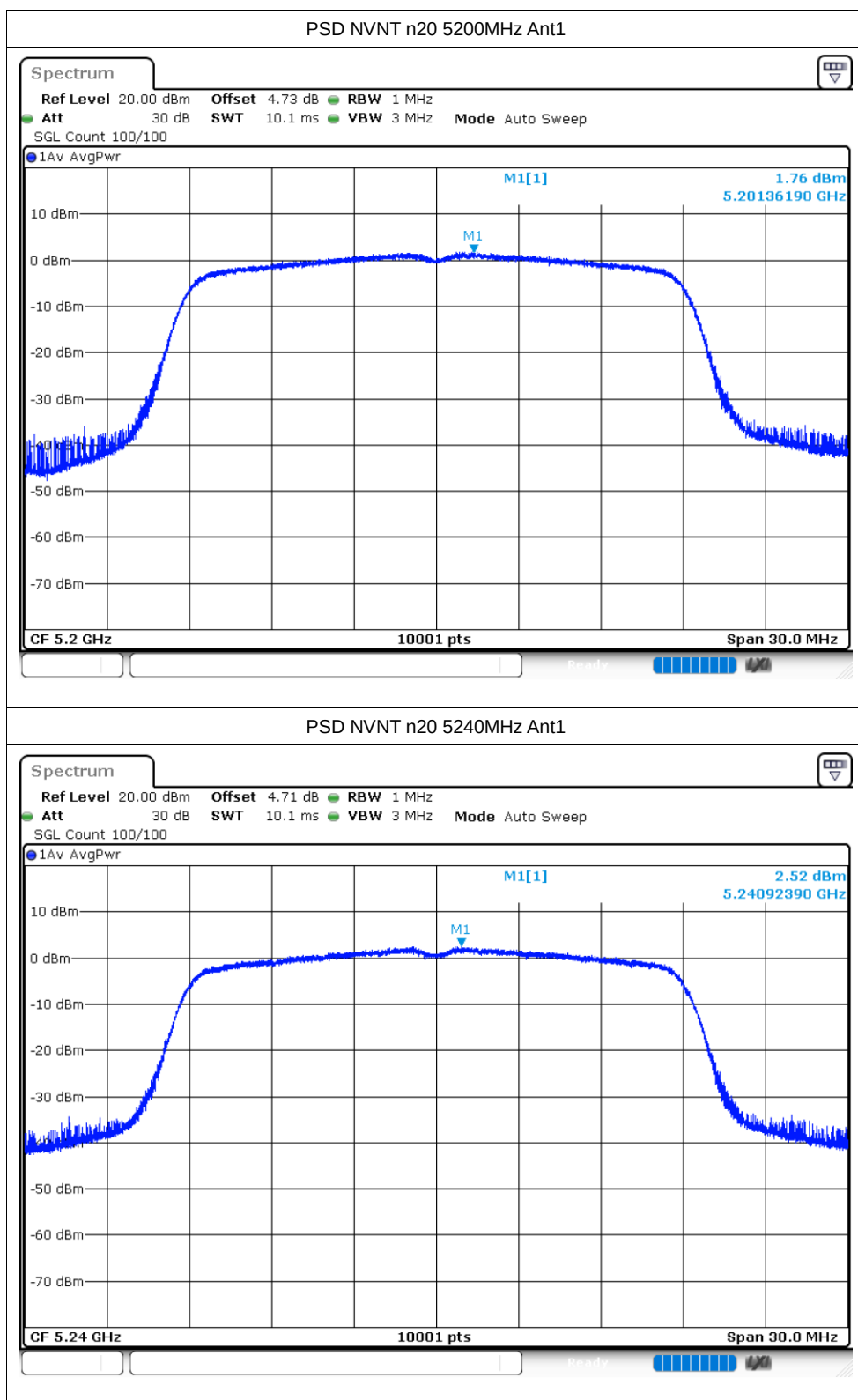


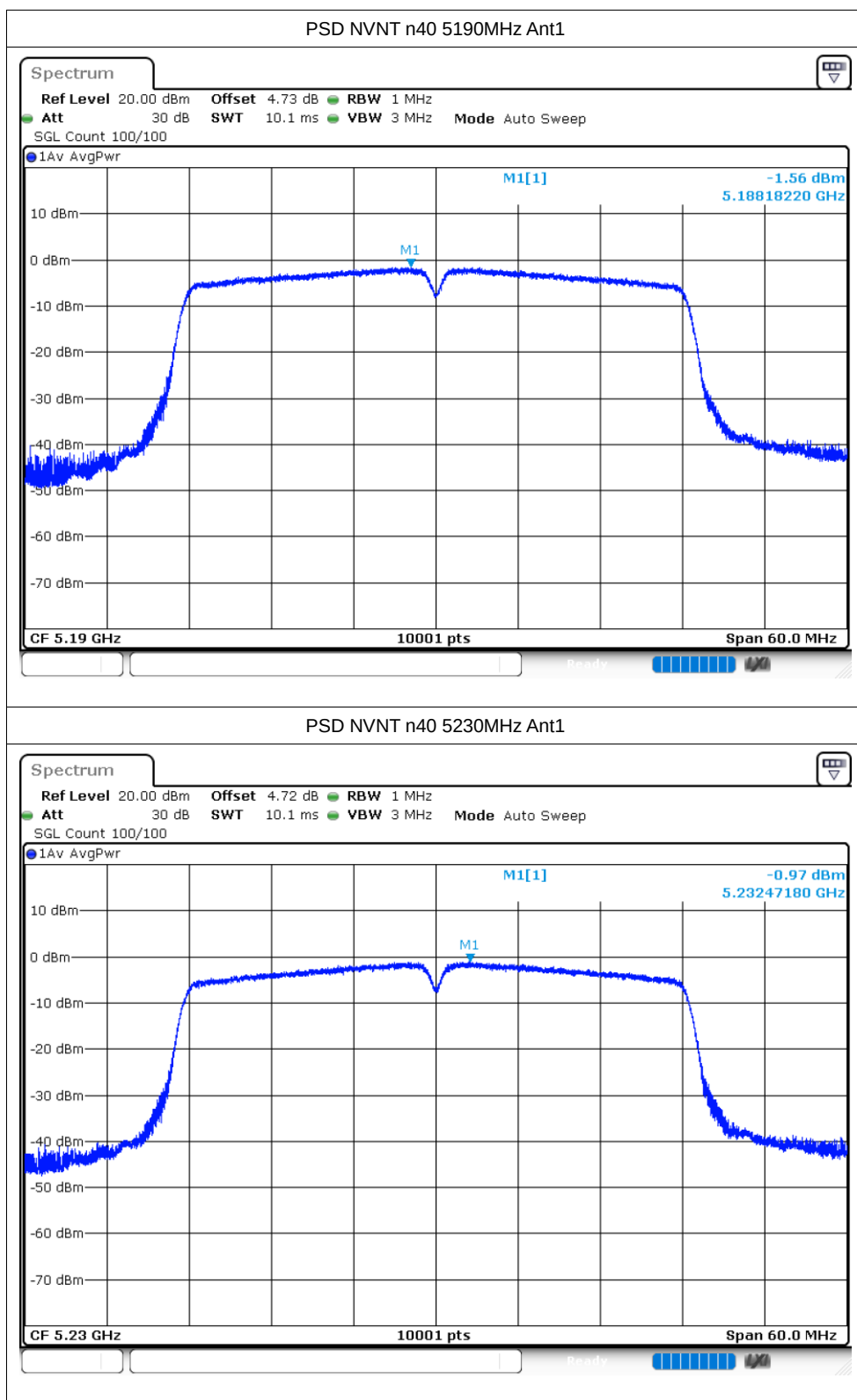
Maximum Power Spectral Density Level

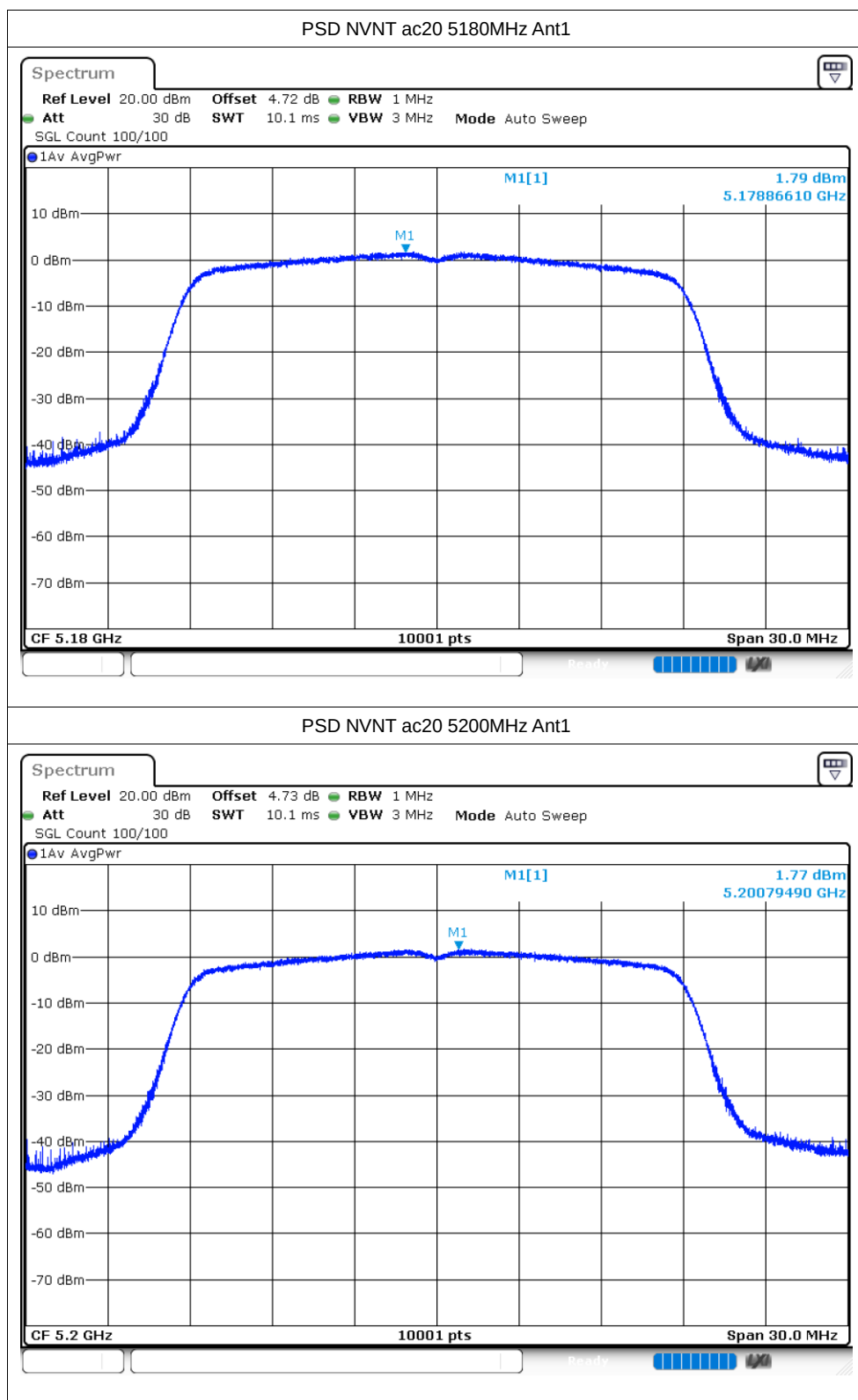
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.92	0.1	2.02	11	Pass
NVNT	a	5200	Ant1	2.23	0.1	2.33	11	Pass
NVNT	a	5240	Ant1	2.69	0.1	2.79	11	Pass
NVNT	n20	5180	Ant1	1.95	0.11	2.06	11	Pass
NVNT	n20	5200	Ant1	1.76	0.11	1.87	11	Pass
NVNT	n20	5240	Ant1	2.52	0.11	2.63	11	Pass
NVNT	n40	5190	Ant1	-1.56	0.21	-1.35	11	Pass
NVNT	n40	5230	Ant1	-0.97	0.21	-0.76	11	Pass
NVNT	ac20	5180	Ant1	1.79	0.11	1.9	11	Pass
NVNT	ac20	5200	Ant1	1.77	0.11	1.88	11	Pass
NVNT	ac20	5240	Ant1	2.37	0.11	2.48	11	Pass
NVNT	ac40	5190	Ant1	-1.73	0.21	-1.52	11	Pass
NVNT	ac40	5230	Ant1	-0.89	0.21	-0.68	11	Pass
NVNT	ac80	5210	Ant1	-4.4	0.41	-3.99	11	Pass

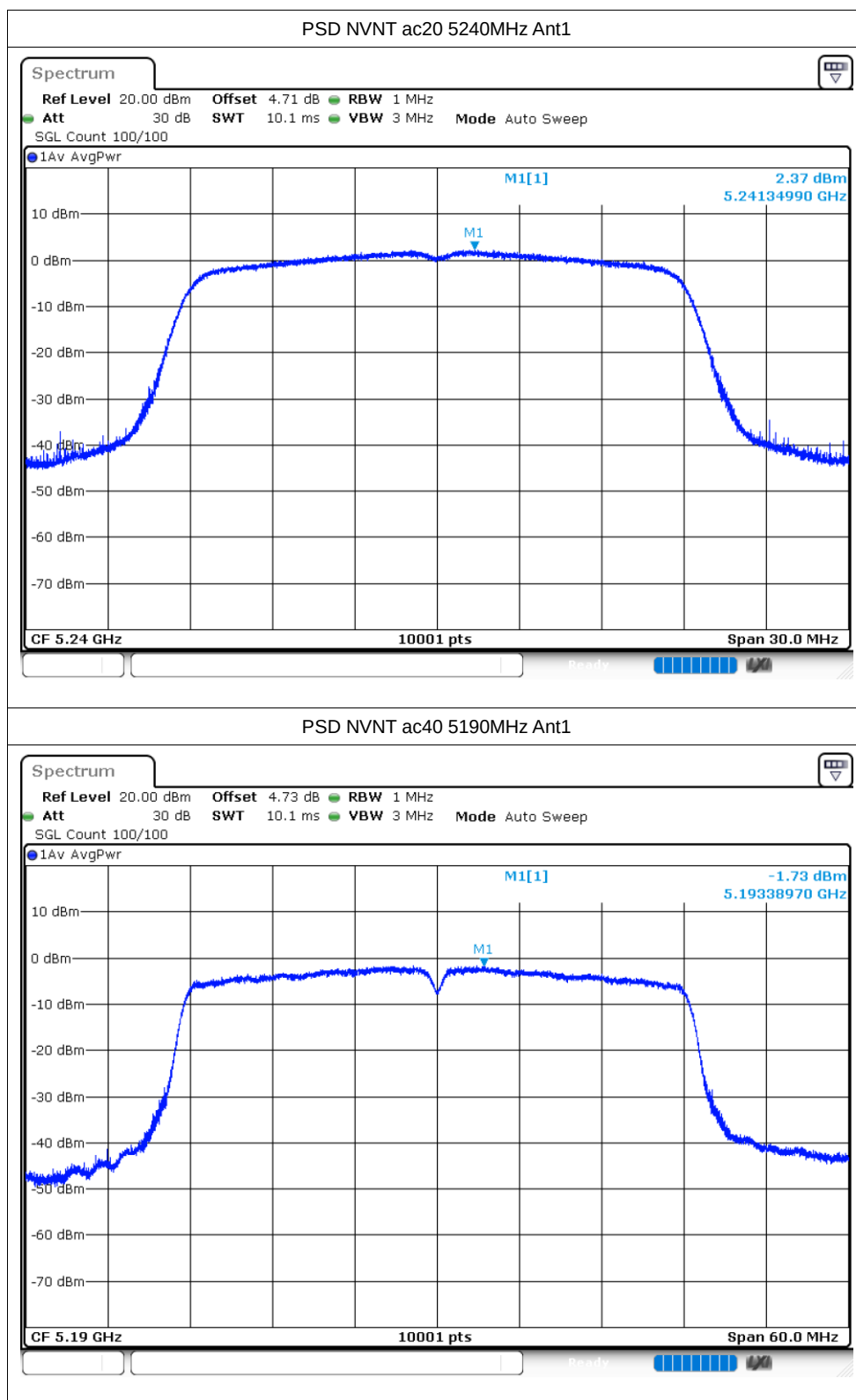


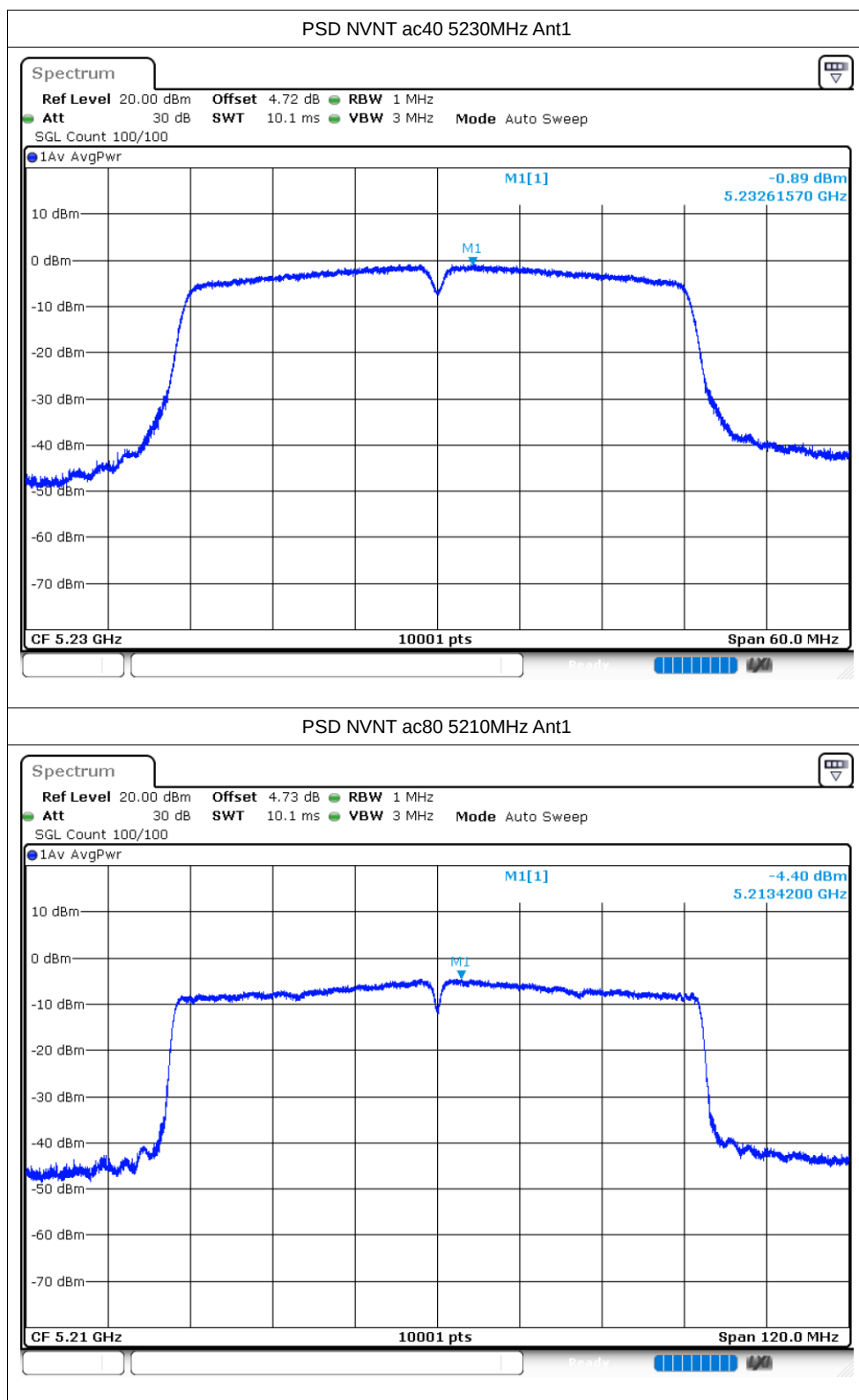










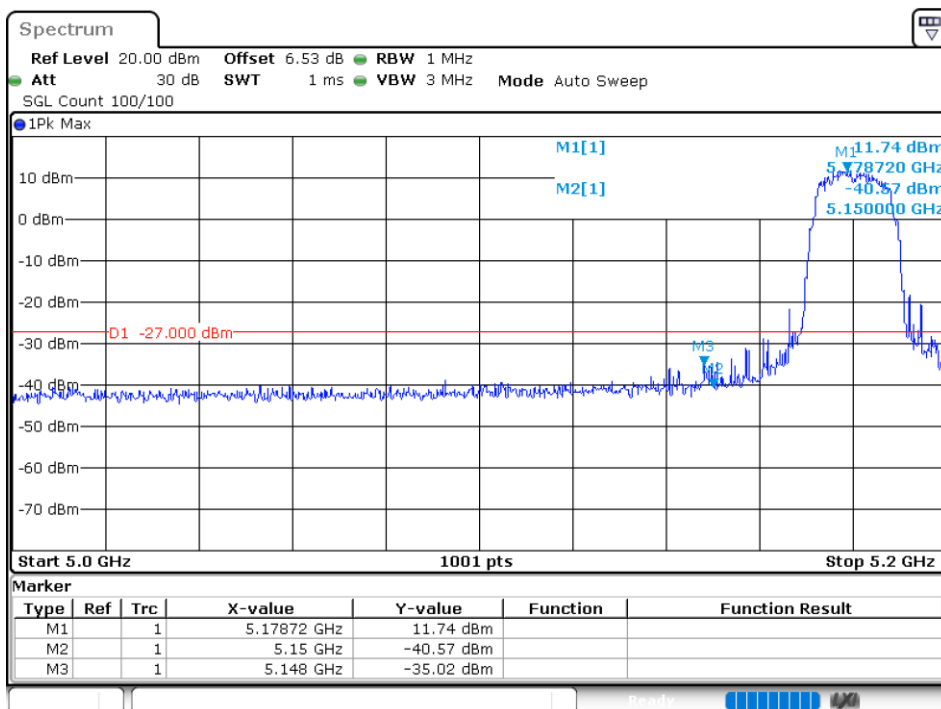


Band Edge

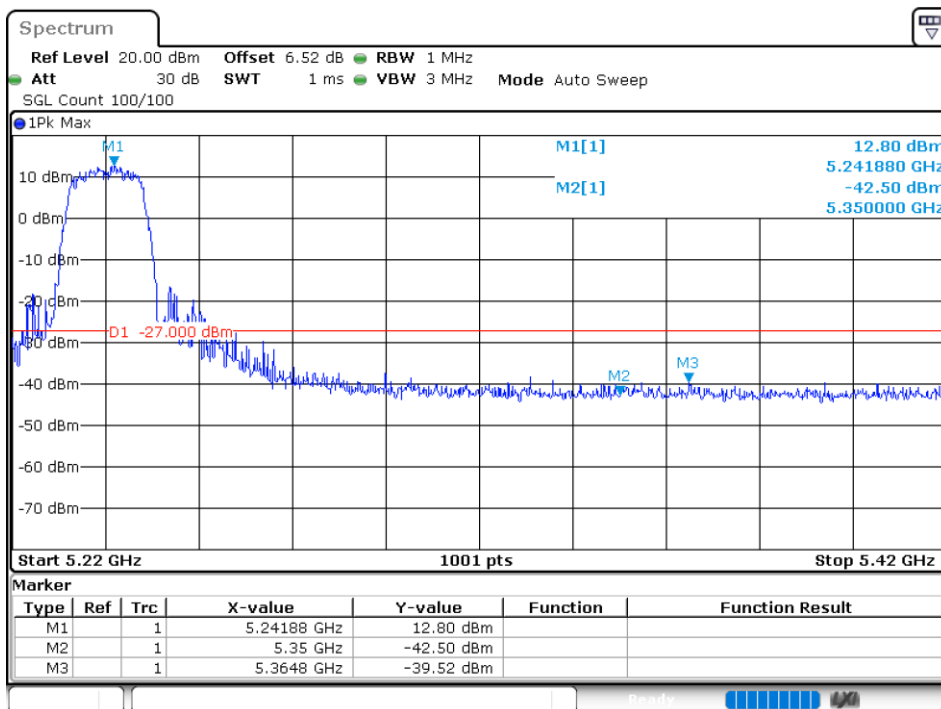
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-35.01	-27	Pass
NVNT	a	5240	Ant1	-39.51	-27	Pass
NVNT	n20	5180	Ant1	-30.83	-27	Pass
NVNT	n20	5240	Ant1	-39.23	-27	Pass
NVNT	n40	5190	Ant1	-27.69	-27	Pass
NVNT	n40	5230	Ant1	-39.45	-27	Pass
NVNT	ac20	5180	Ant1	-33.95	-27	Pass
NVNT	ac20	5240	Ant1	-40.09	-27	Pass
NVNT	ac40	5190	Ant1	-30.46	-27	Pass
NVNT	ac40	5230	Ant1	-39.99	-27	Pass
NVNT	ac80	5210	Ant1	-40.57	-27	Pass
NVNT	ac80	5210	Ant1	-27.71	-27	Pass

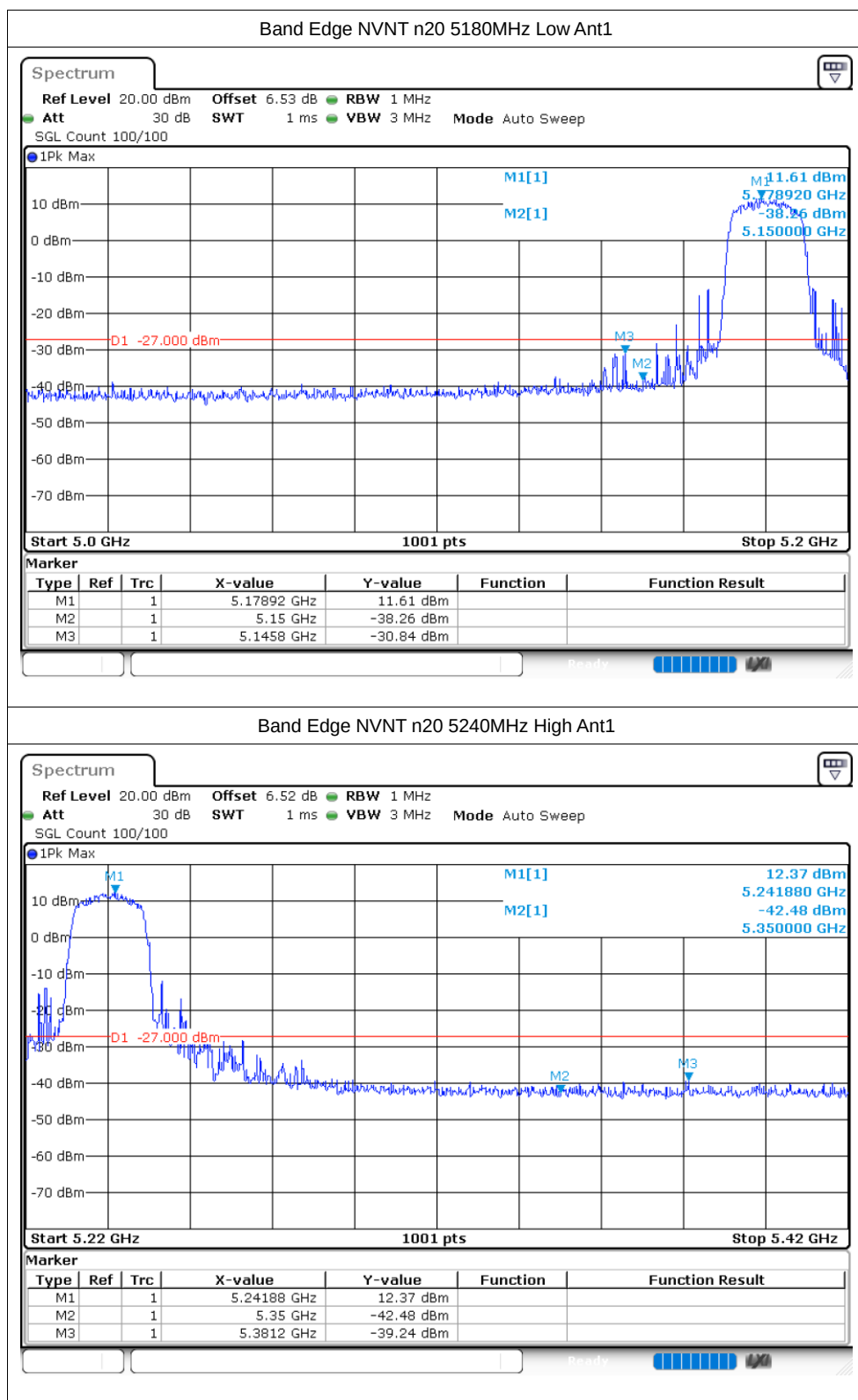
Test Graphs

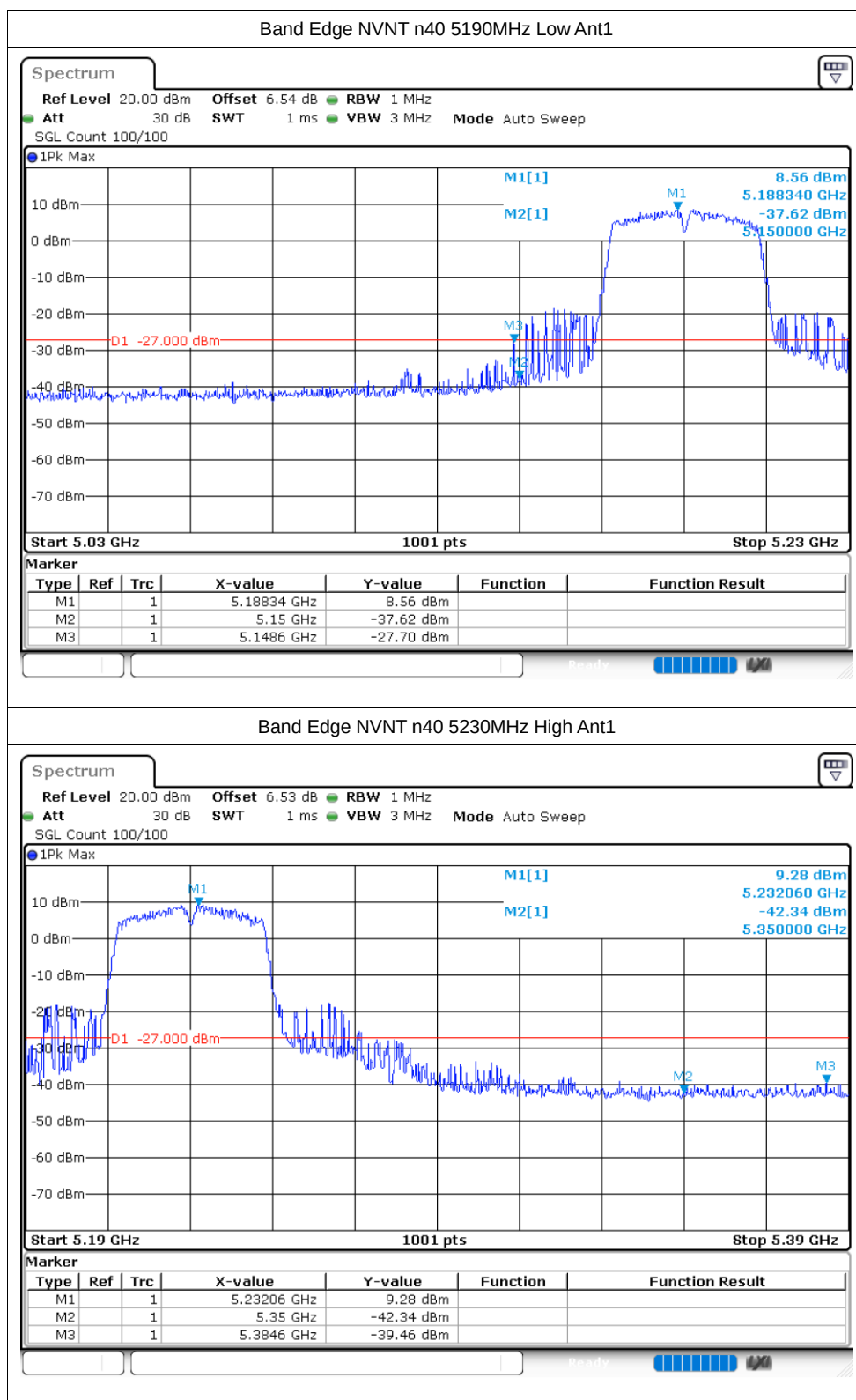
Band Edge NVNT a 5180MHz Low Ant1

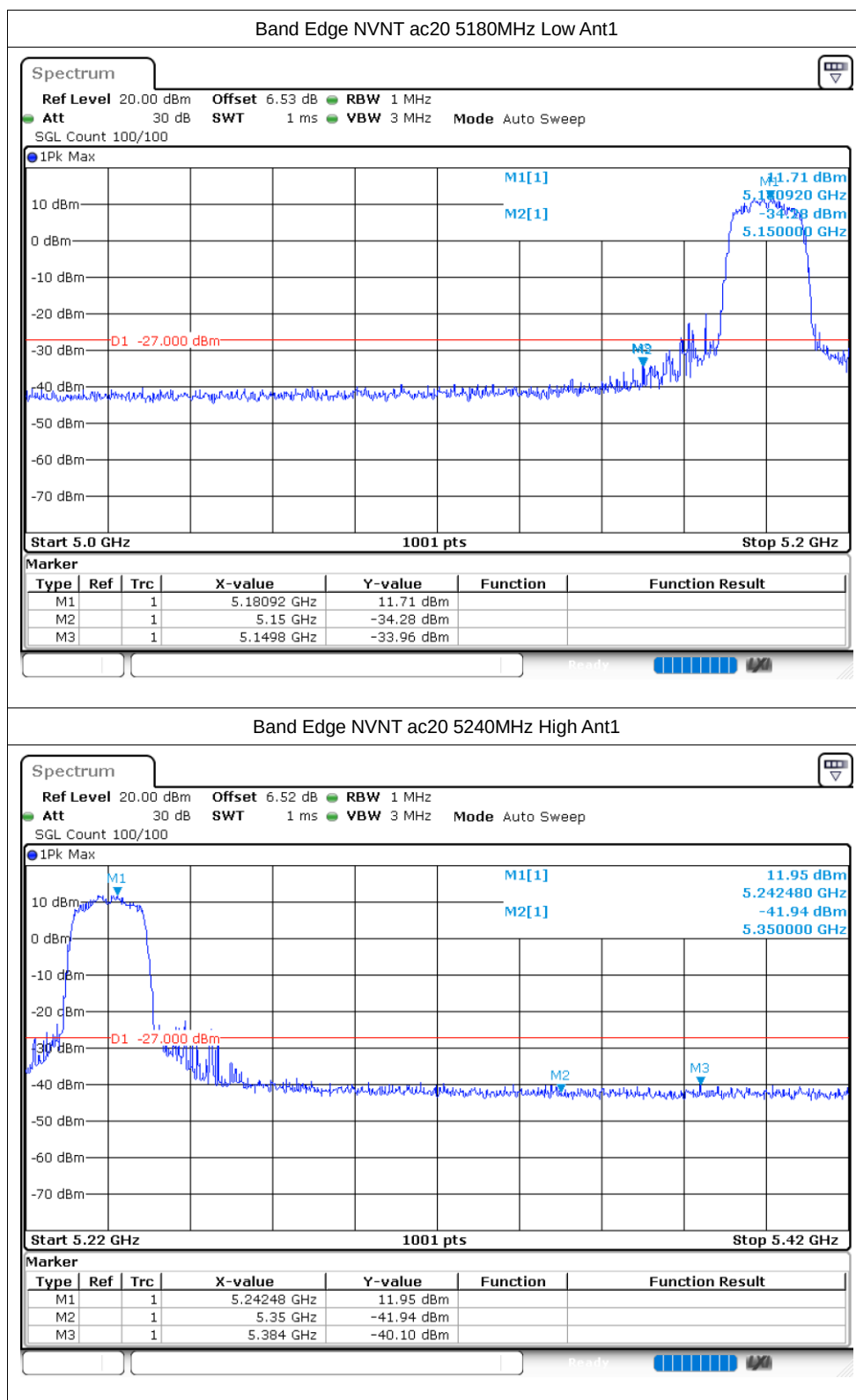


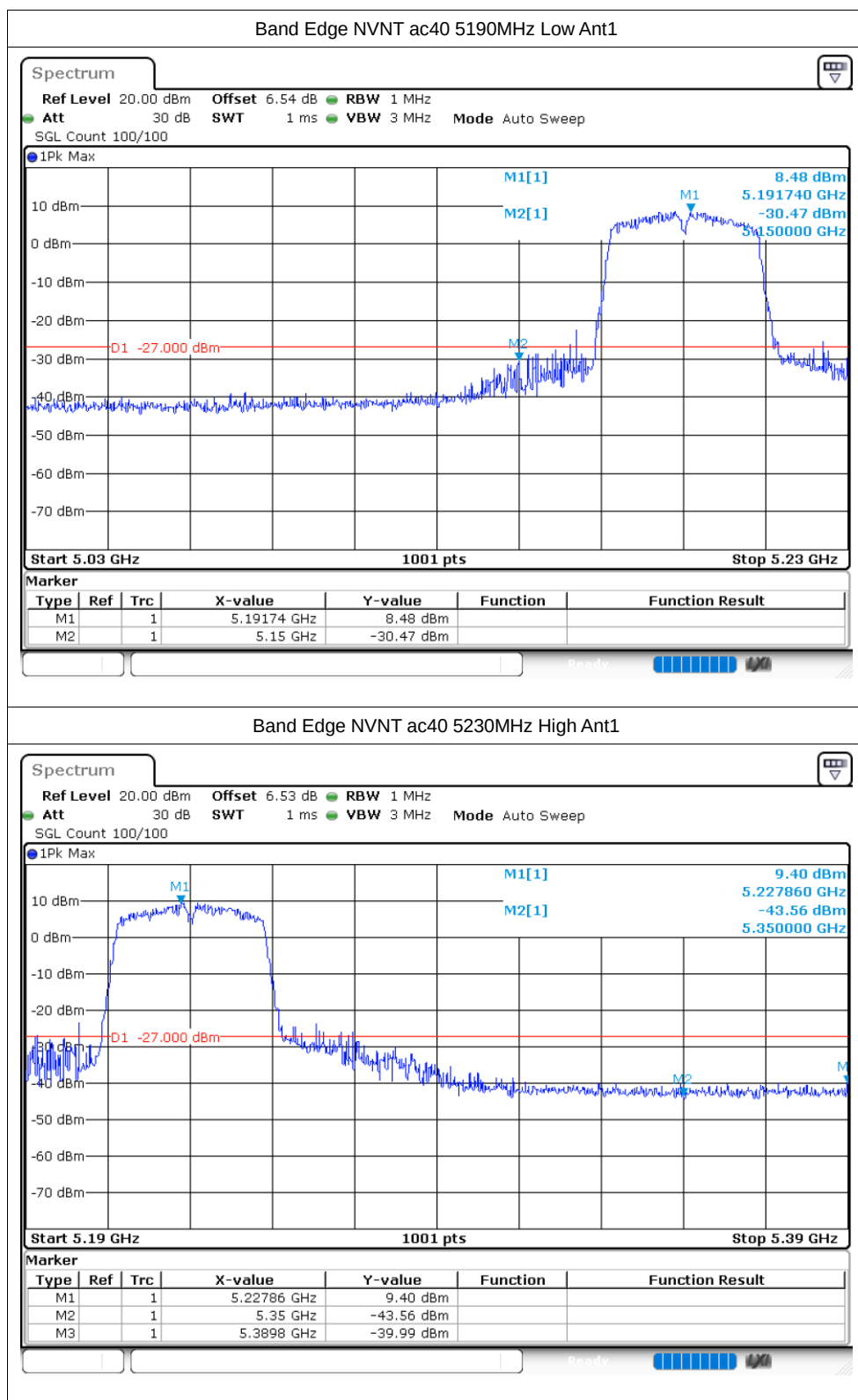
Band Edge NVNT a 5240MHz High Ant1

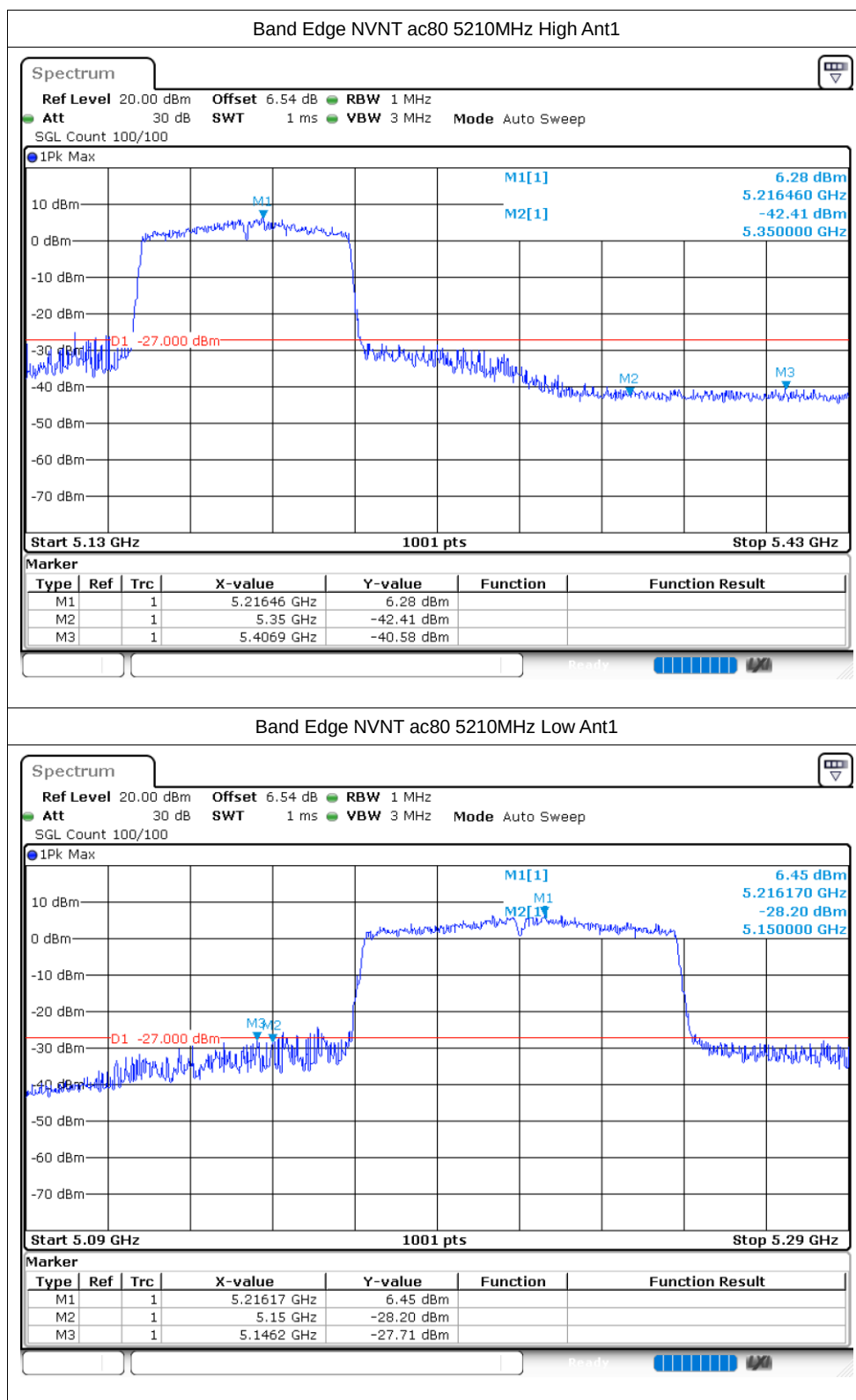










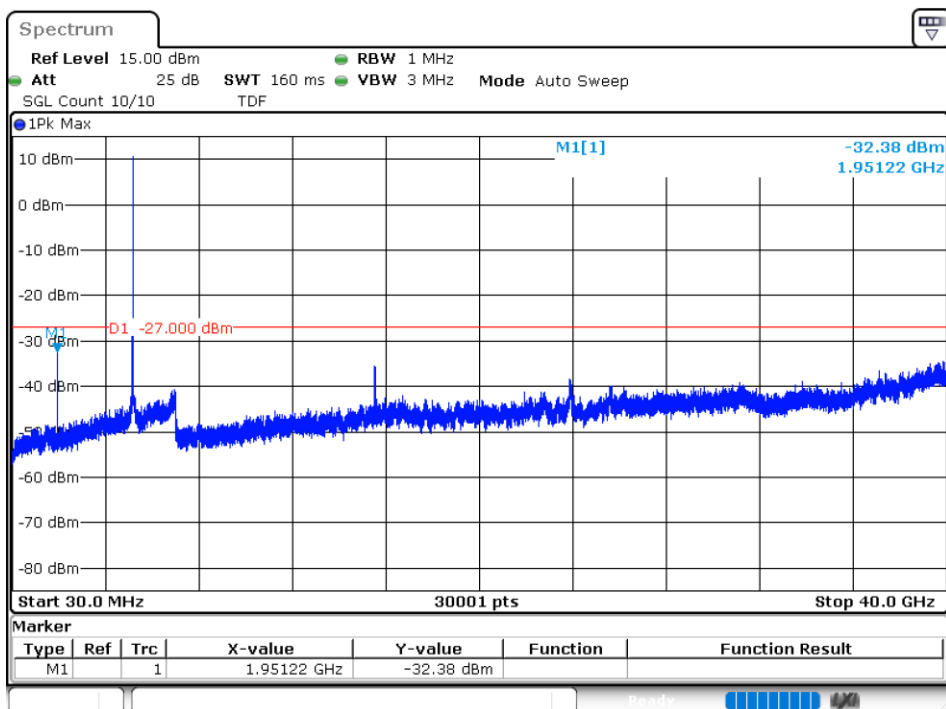


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-32.37	-27	Pass
NVNT	a	5200	Ant1	-34.66	-27	Pass
NVNT	a	5240	Ant1	-34.02	-27	Pass
NVNT	n20	5180	Ant1	-34.28	-27	Pass
NVNT	n20	5200	Ant1	-34.17	-27	Pass
NVNT	n20	5240	Ant1	-34.32	-27	Pass
NVNT	n40	5190	Ant1	-34.88	-27	Pass
NVNT	n40	5230	Ant1	-33.59	-27	Pass
NVNT	ac20	5180	Ant1	-34.12	-27	Pass
NVNT	ac20	5200	Ant1	-34.32	-27	Pass
NVNT	ac20	5240	Ant1	-33.97	-27	Pass
NVNT	ac40	5190	Ant1	-34.71	-27	Pass
NVNT	ac40	5230	Ant1	-34.41	-27	Pass
NVNT	ac80	5210	Ant1	-33.98	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission

