

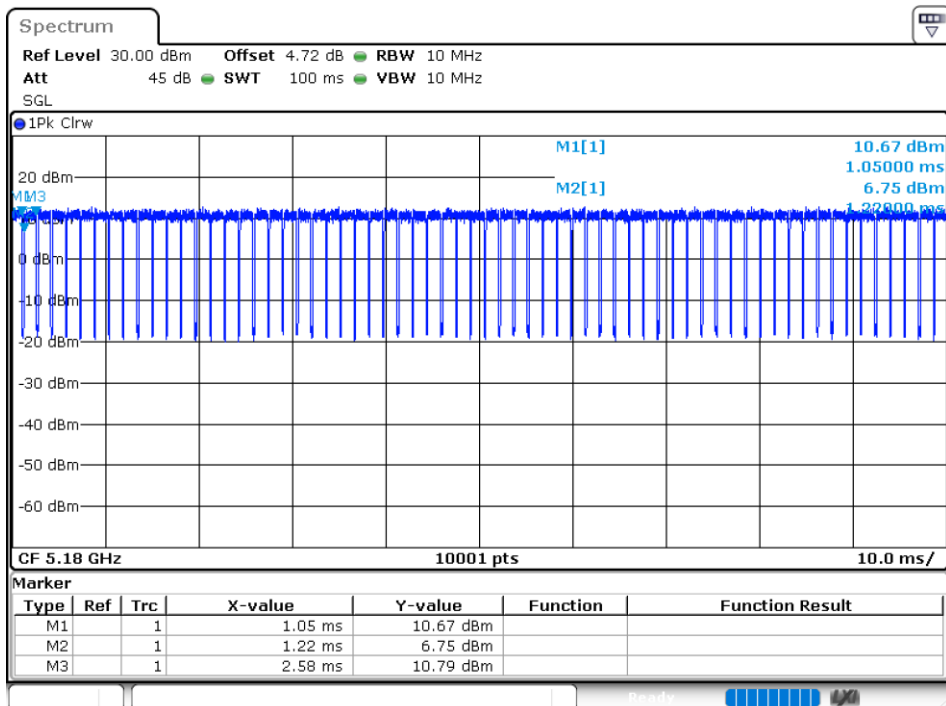
WIFI 5.2G

Duty Cycle

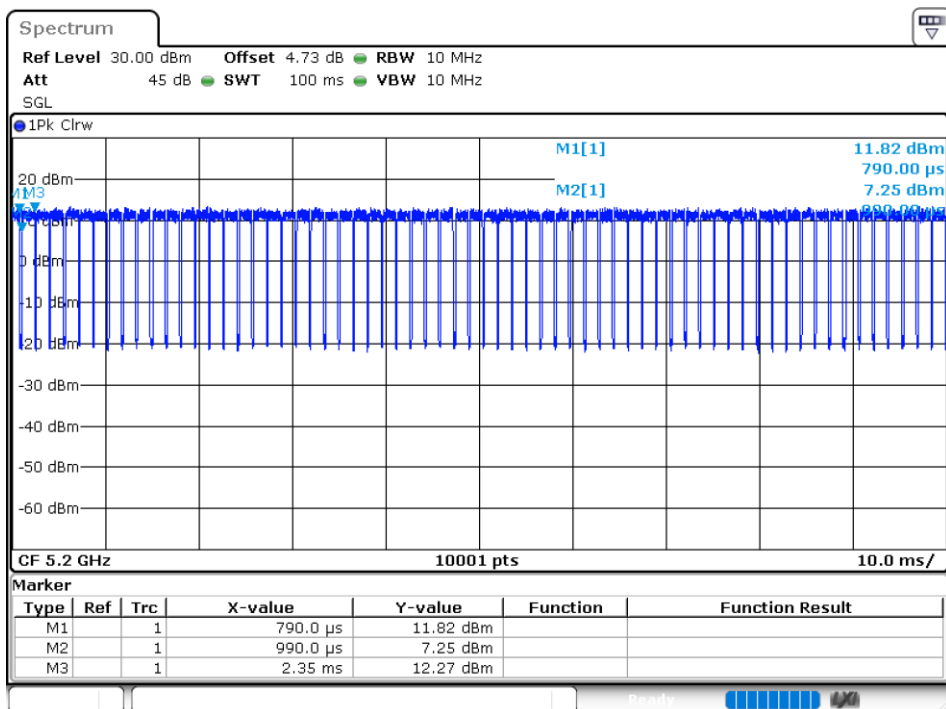
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	88.65	0.52	0.74
NVNT	a	5200	Ant1	88.5	0.53	0.74
NVNT	a	5240	Ant1	88.3	0.54	0.74
NVNT	n20	5180	Ant1	86.76	0.62	0.87
NVNT	n20	5200	Ant1	87.03	0.6	0.88
NVNT	n20	5240	Ant1	87.25	0.59	0.88
NVNT	n40	5190	Ant1	77.1	1.13	1.75
NVNT	n40	5230	Ant1	77.33	1.12	1.75
NVNT	ac20	5180	Ant1	86.83	0.61	0.86
NVNT	ac20	5200	Ant1	87.3	0.59	0.86
NVNT	ac20	5240	Ant1	87.64	0.57	0.87
NVNT	ac40	5190	Ant1	77.84	1.09	1.72
NVNT	ac40	5230	Ant1	77.37	1.11	1.72
NVNT	ac80	5210	Ant1	64.17	1.93	3.45

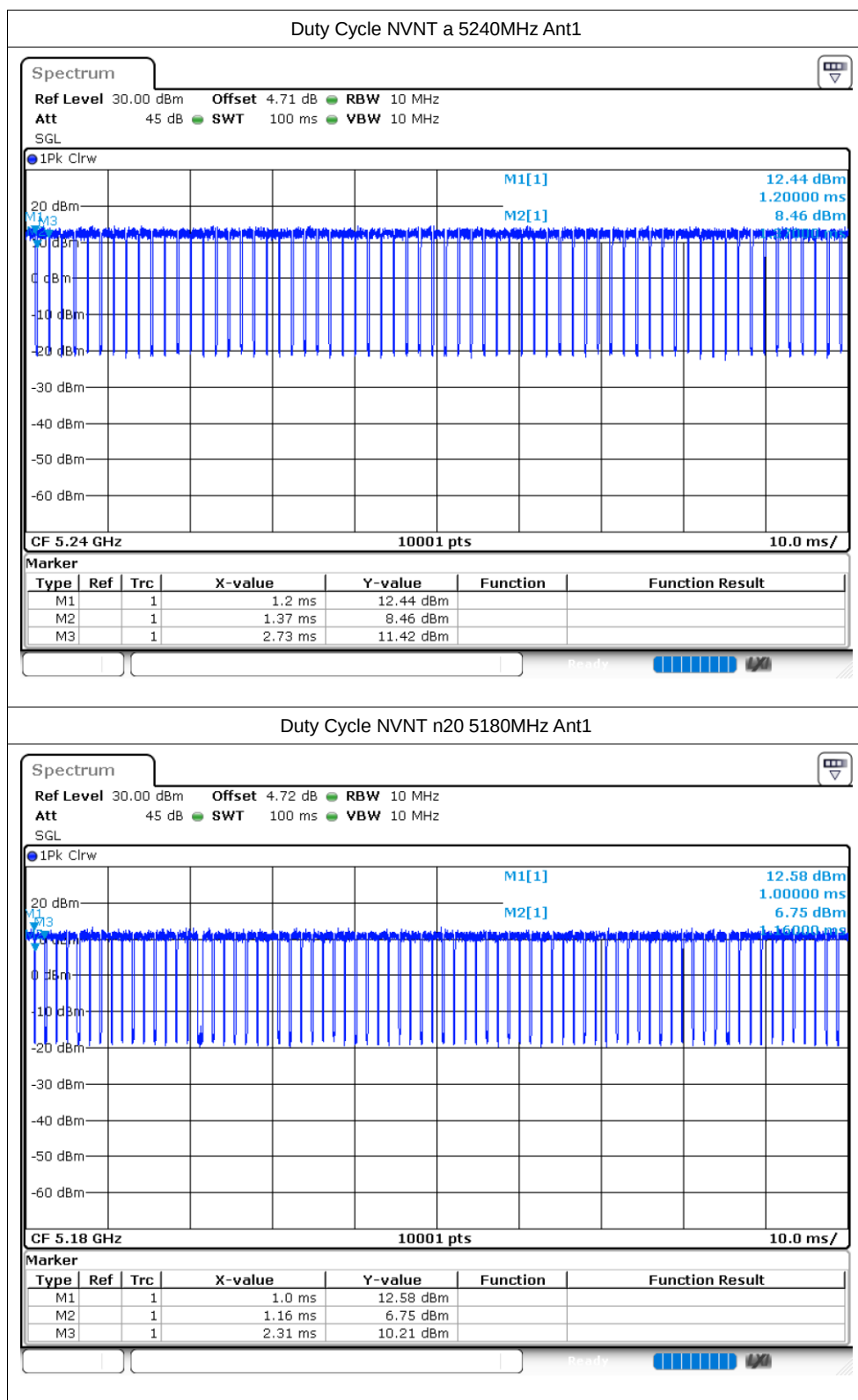
Test Graphs

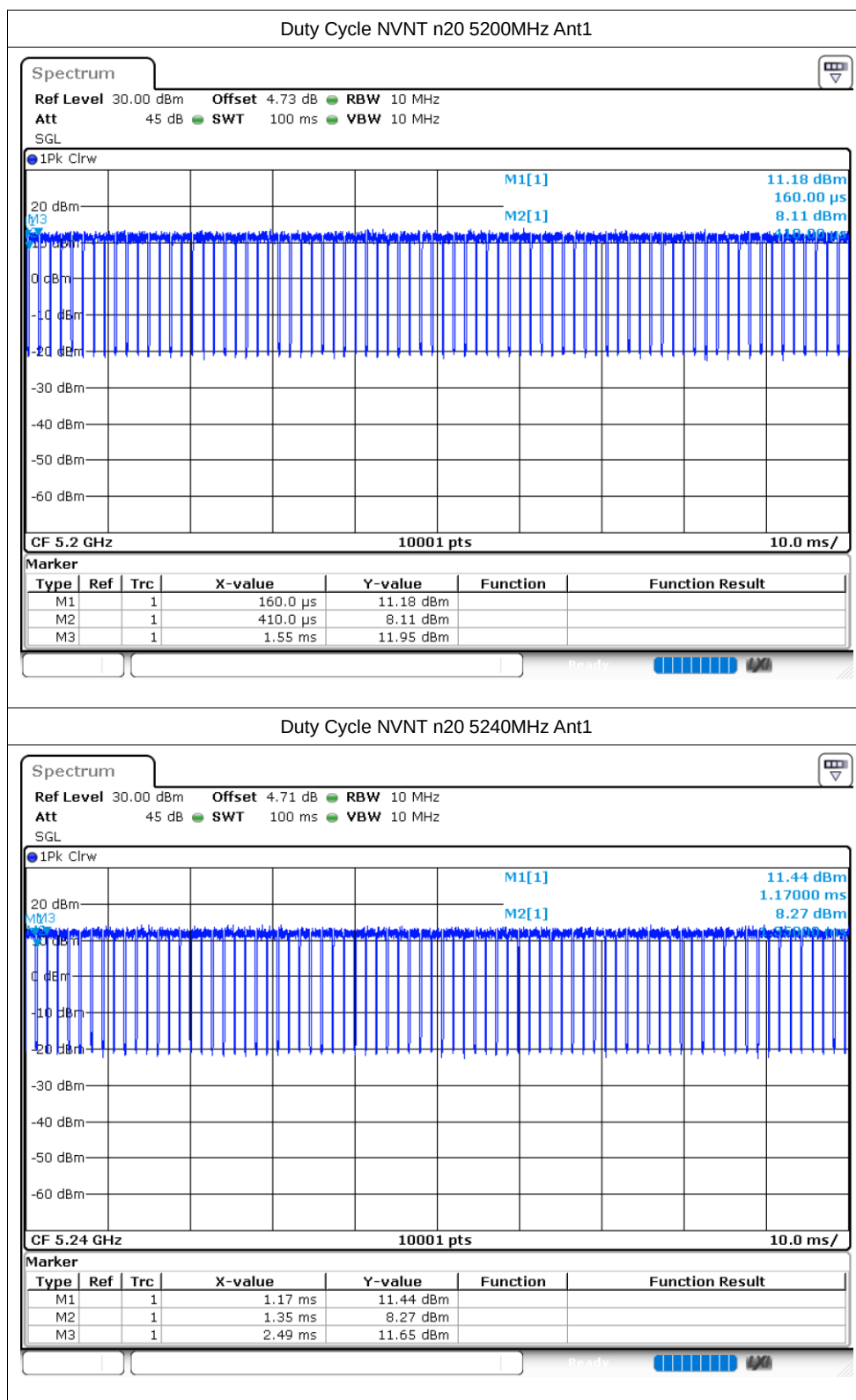
Duty Cycle NVNT a 5180MHz Ant1

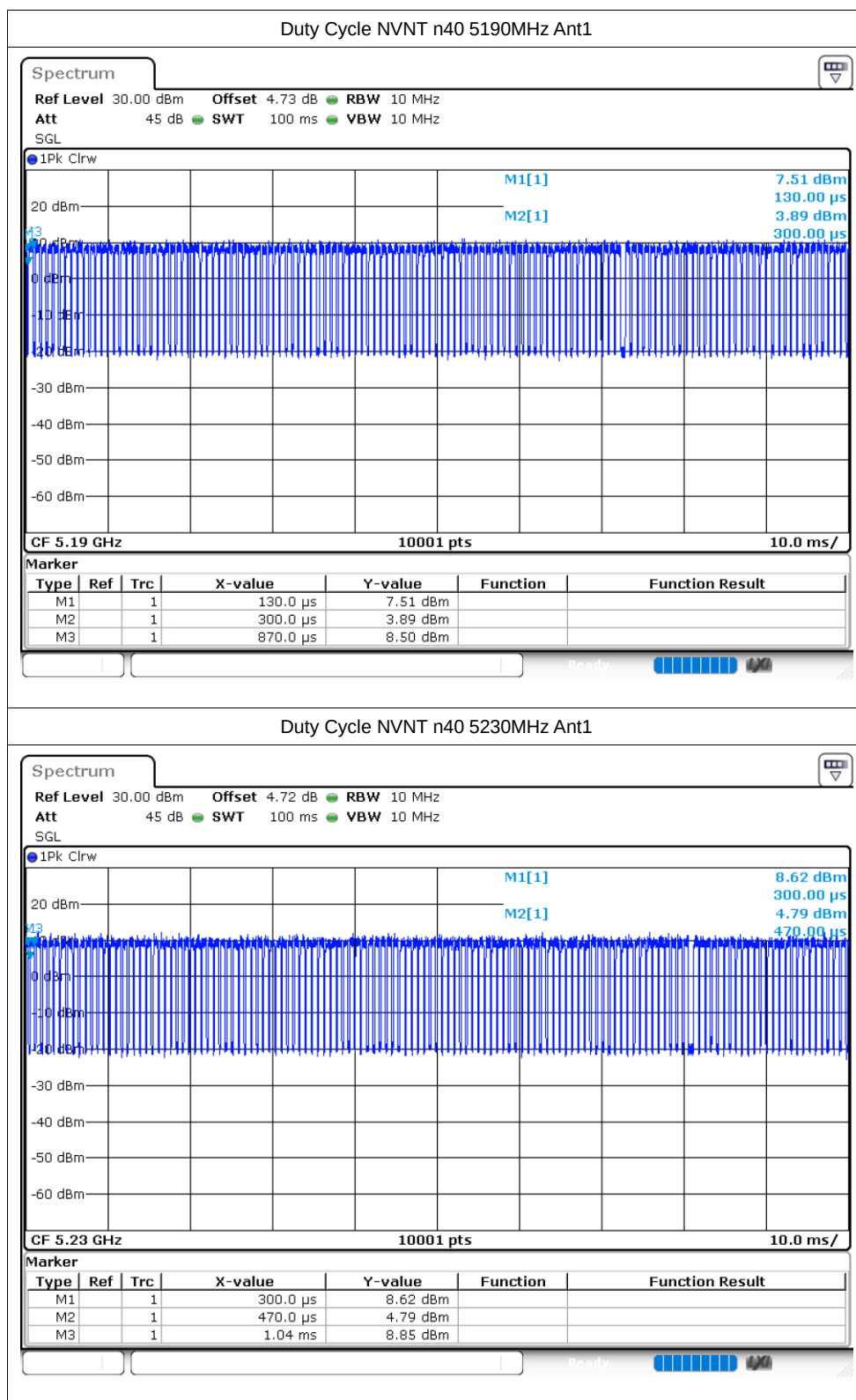


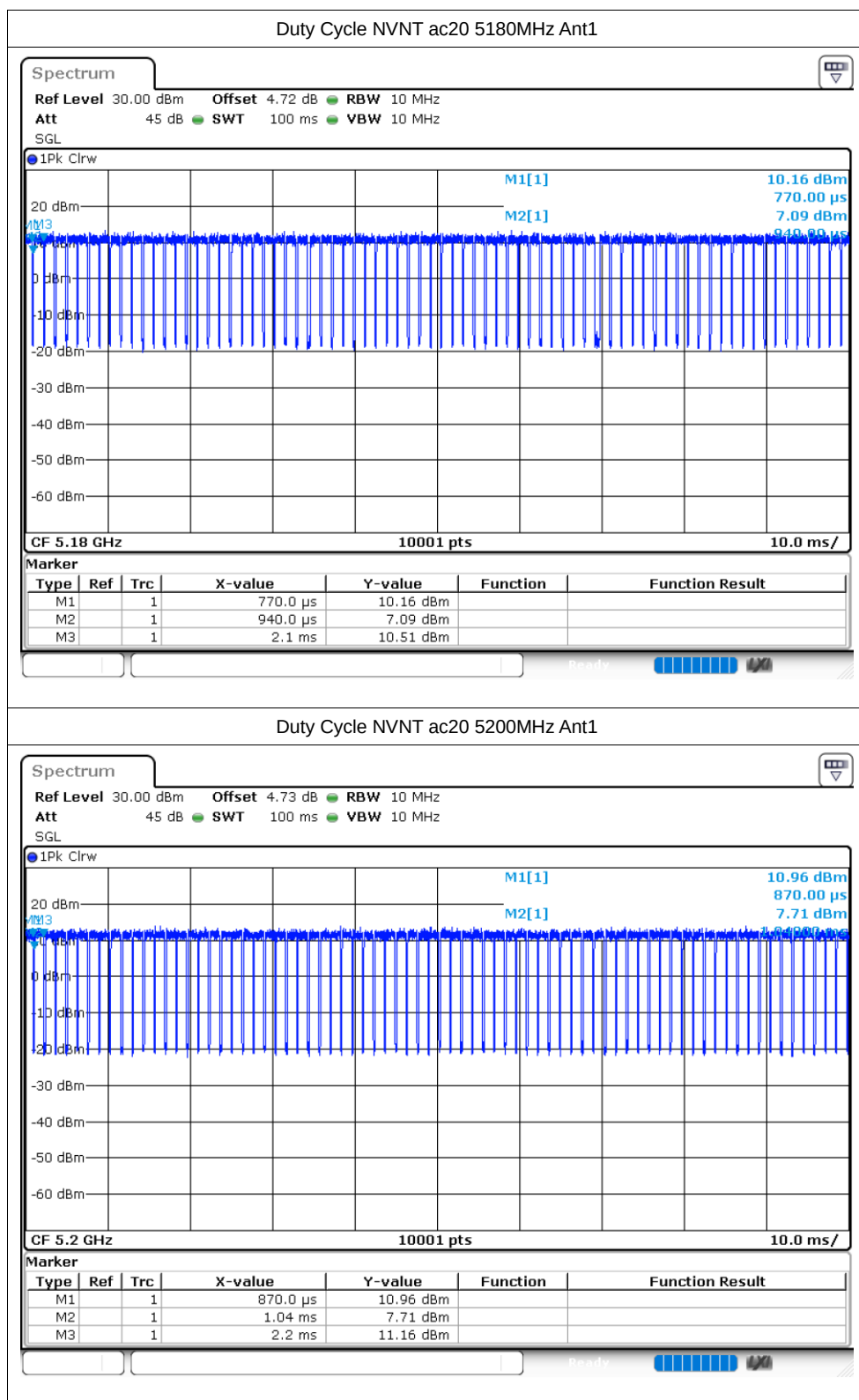
Duty Cycle NVNT a 5200MHz Ant1

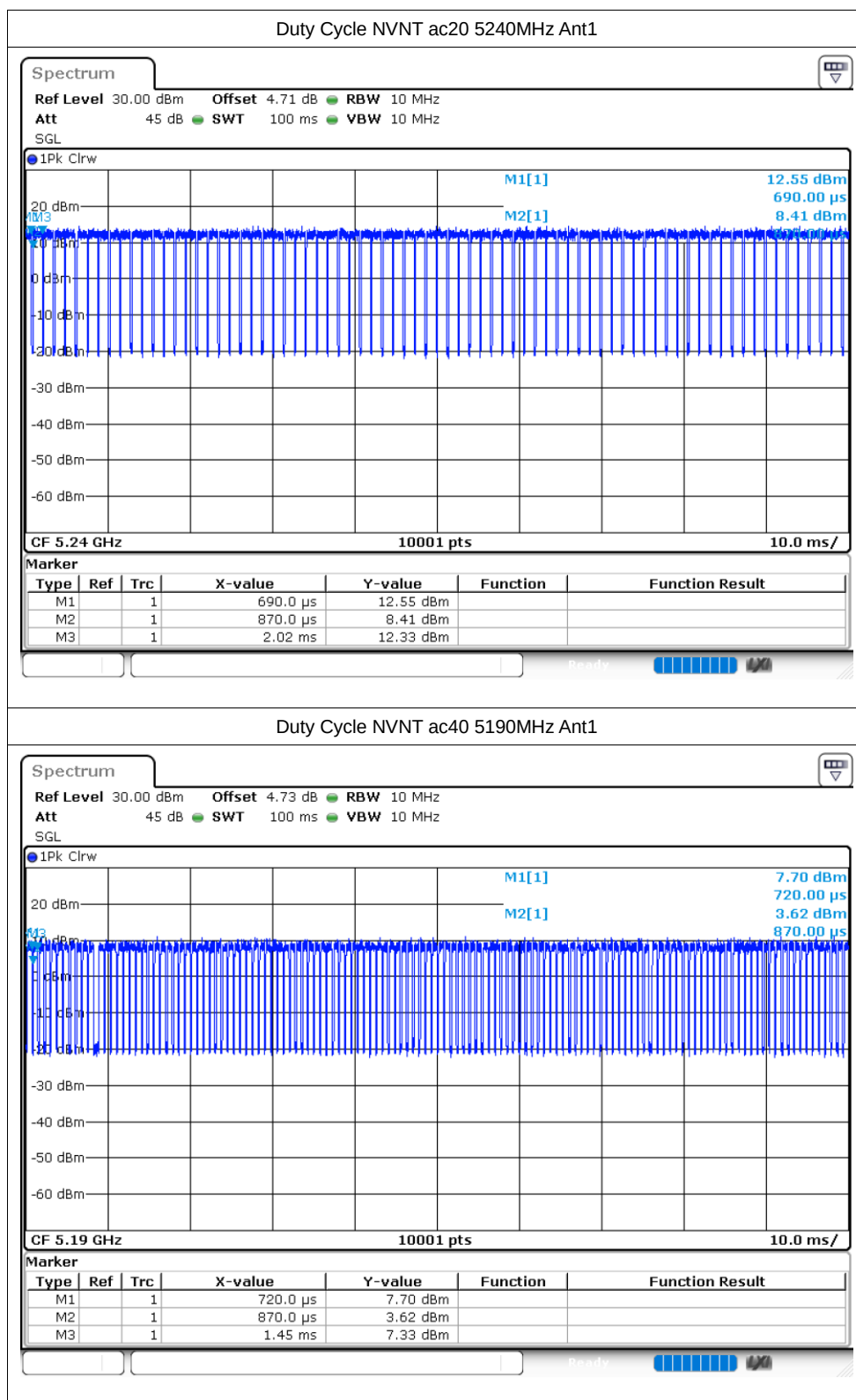


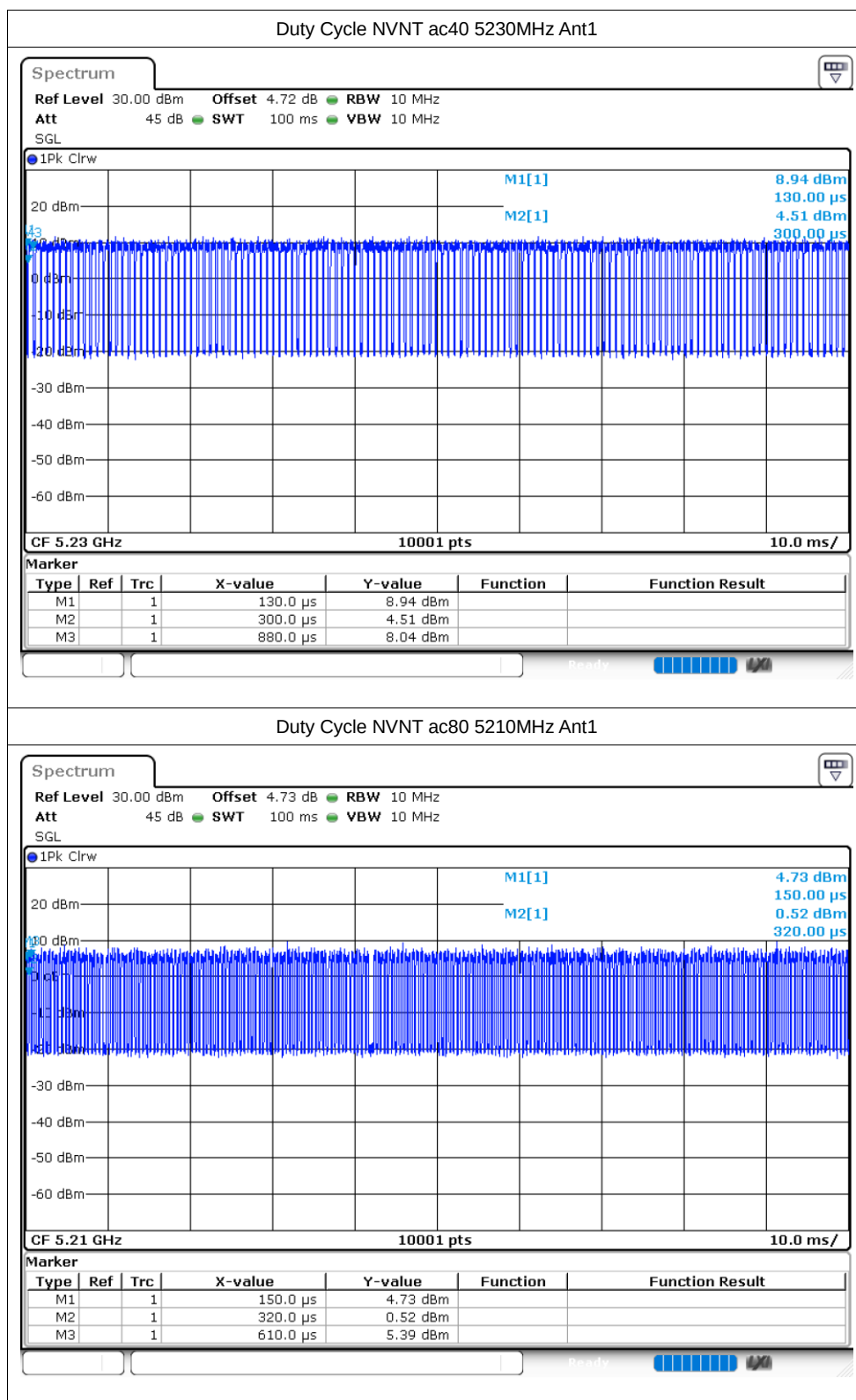












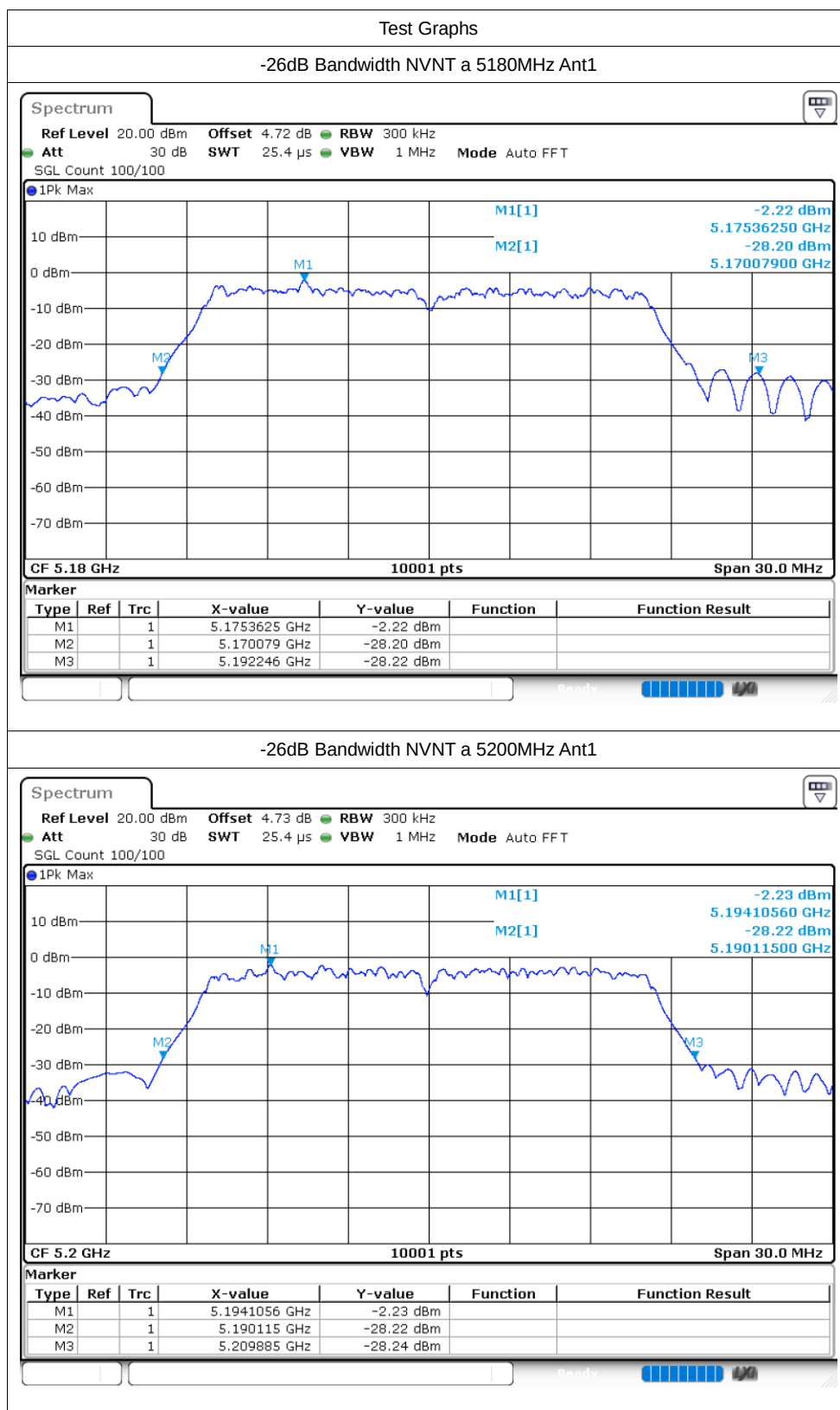
Maximum Conducted Output Power

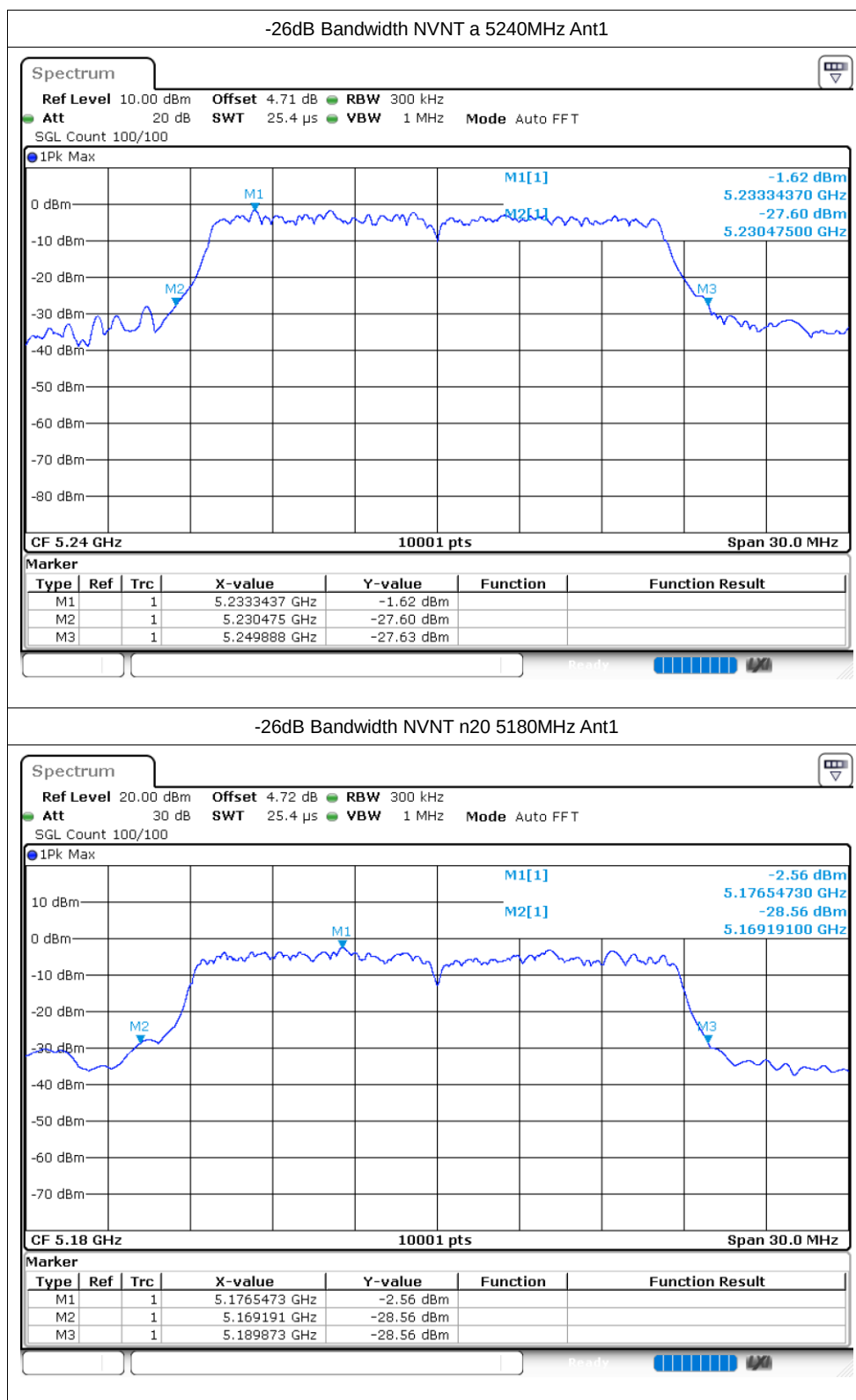
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.45	24	Pass
NVNT	a	5200	Ant1	7.66	24	Pass
NVNT	a	5240	Ant1	7.8	24	Pass
NVNT	n20	5180	Ant1	8.33	24	Pass
NVNT	n20	5200	Ant1	7.99	24	Pass
NVNT	n20	5240	Ant1	7.57	24	Pass
NVNT	n40	5190	Ant1	8.58	24	Pass
NVNT	n40	5230	Ant1	8.38	24	Pass
NVNT	ac20	5180	Ant1	8.31	24	Pass
NVNT	ac20	5200	Ant1	8.09	24	Pass
NVNT	ac20	5240	Ant1	7.83	24	Pass
NVNT	ac40	5190	Ant1	8.91	24	Pass
NVNT	ac40	5230	Ant1	8.45	24	Pass
NVNT	ac80	5210	Ant1	8.3	24	Pass

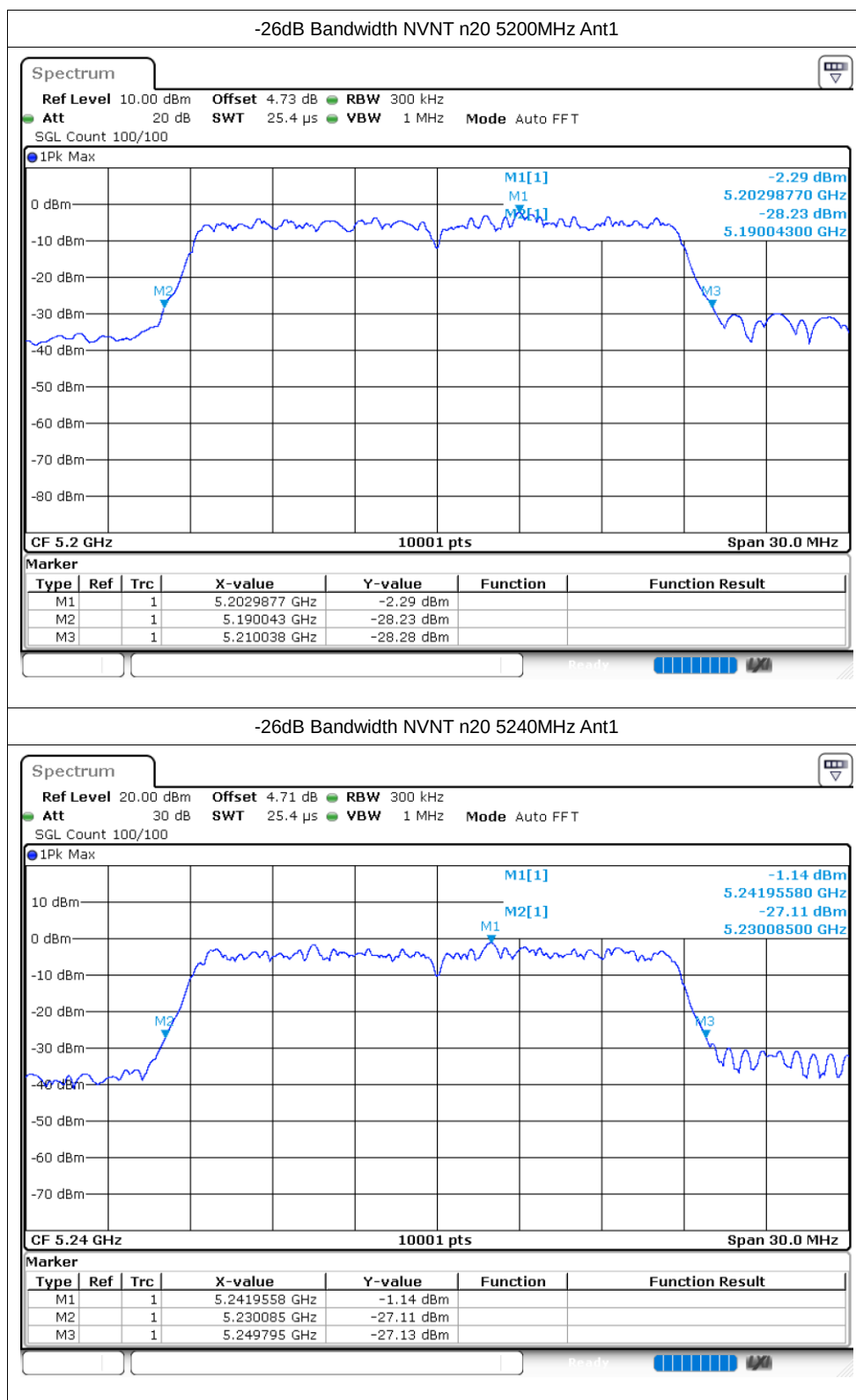
Note: The average power value already includes the duty cycle factor.

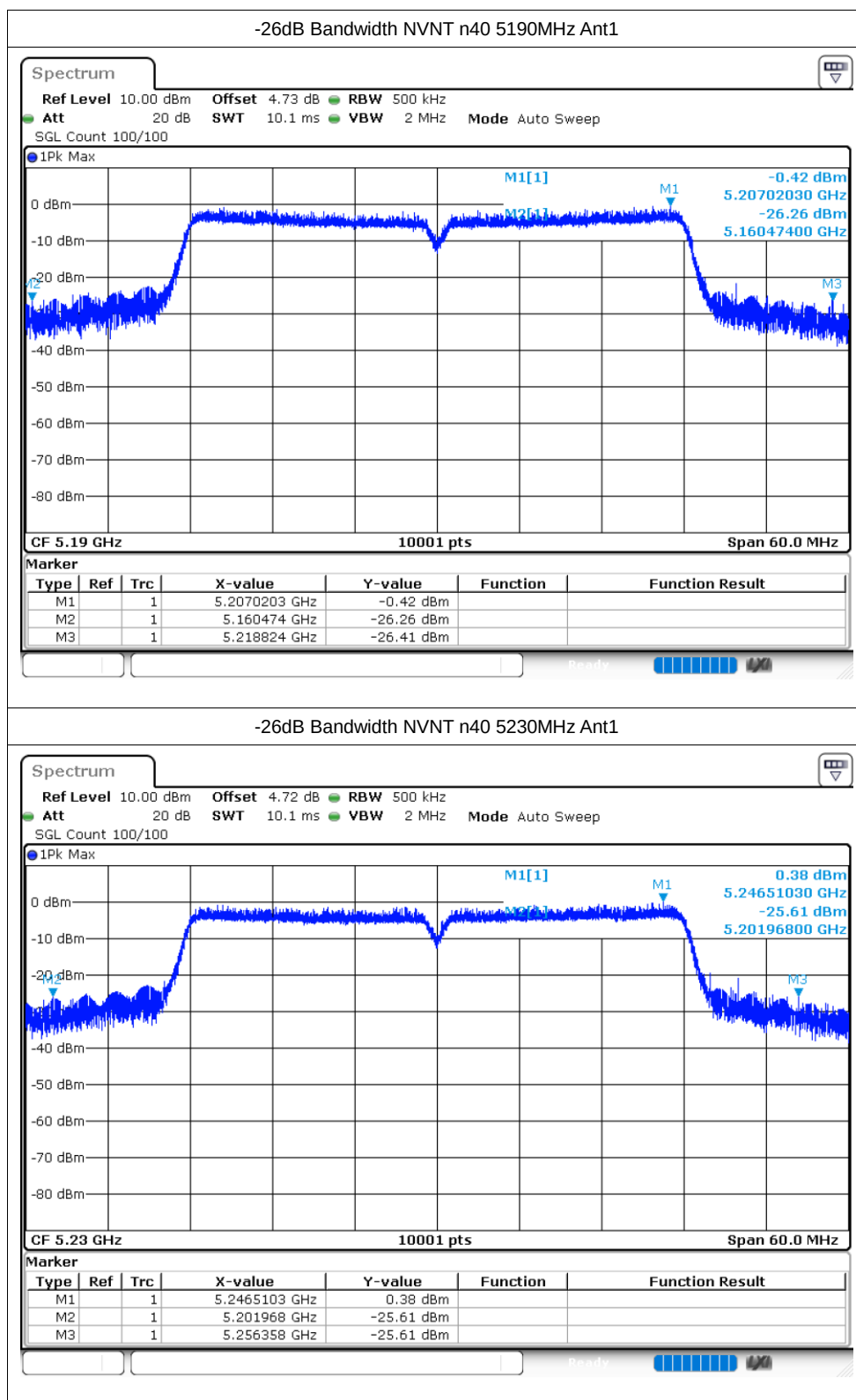
-26dB Bandwidth

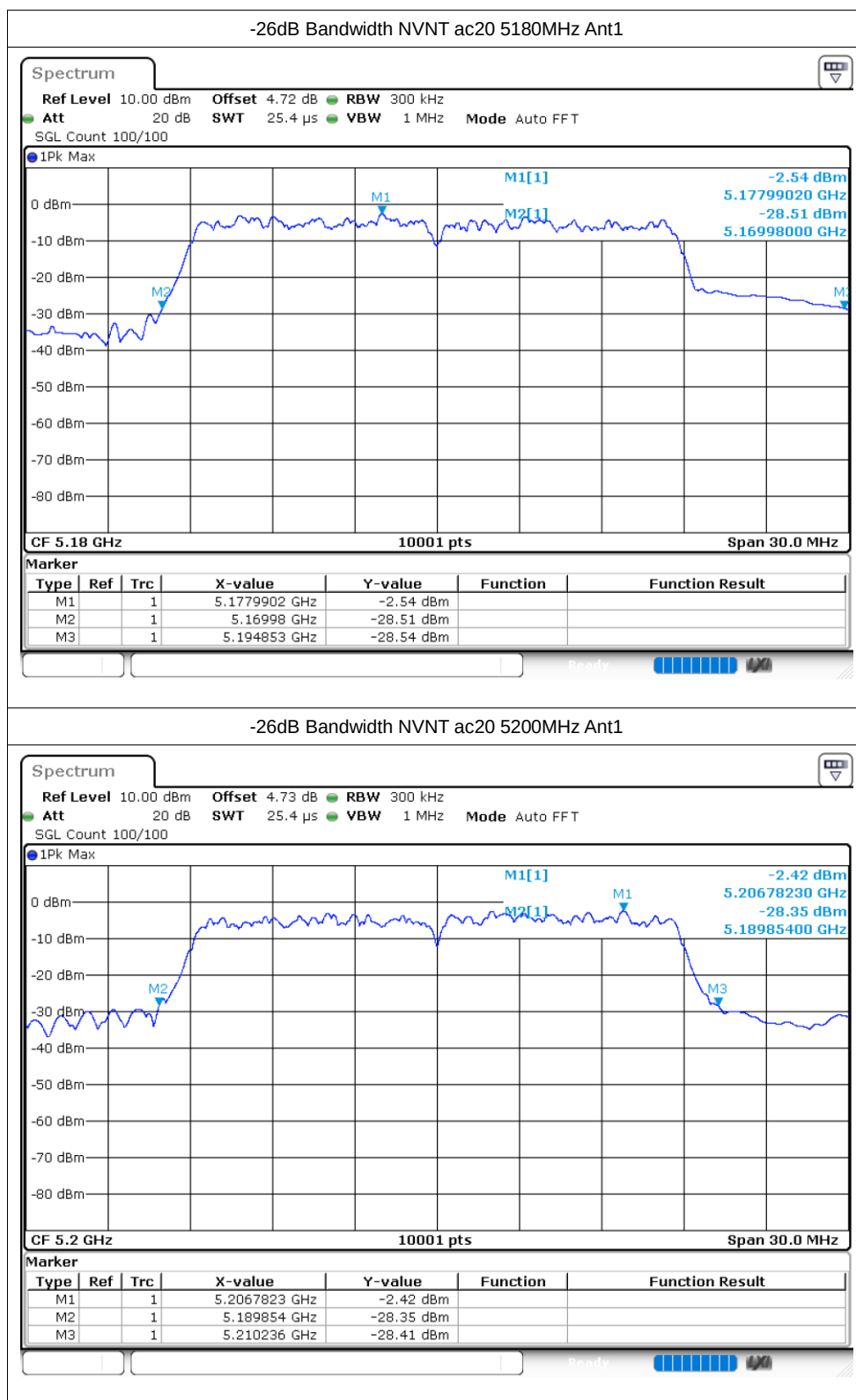
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.167	Pass
NVNT	a	5200	Ant1	19.77	Pass
NVNT	a	5240	Ant1	19.413	Pass
NVNT	n20	5180	Ant1	20.682	Pass
NVNT	n20	5200	Ant1	19.995	Pass
NVNT	n20	5240	Ant1	19.71	Pass
NVNT	n40	5190	Ant1	58.35	Pass
NVNT	n40	5230	Ant1	54.39	Pass
NVNT	ac20	5180	Ant1	24.873	Pass
NVNT	ac20	5200	Ant1	20.382	Pass
NVNT	ac20	5240	Ant1	20.04	Pass
NVNT	ac40	5190	Ant1	54.996	Pass
NVNT	ac40	5230	Ant1	54.648	Pass
NVNT	ac80	5210	Ant1	87.06	Pass

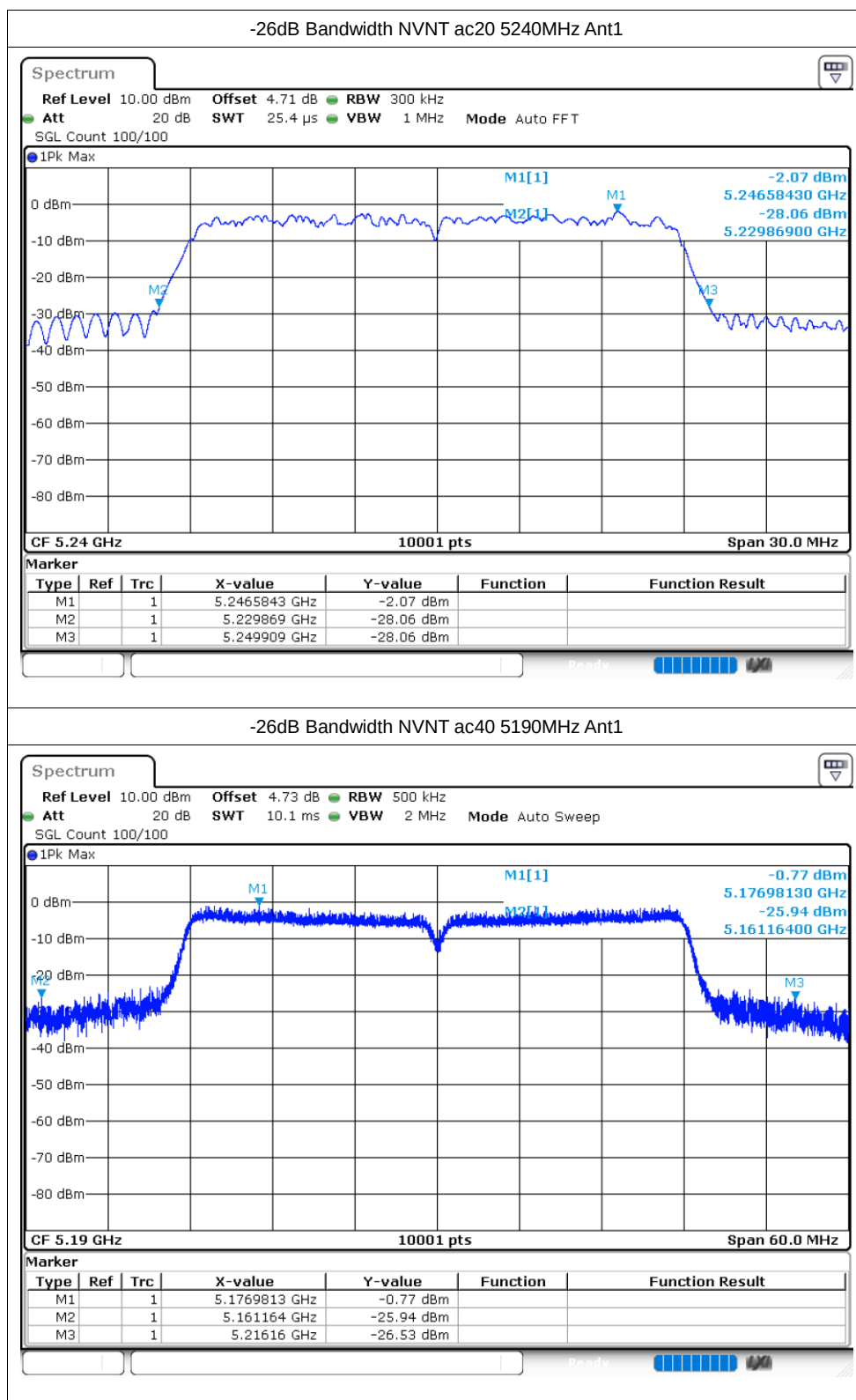


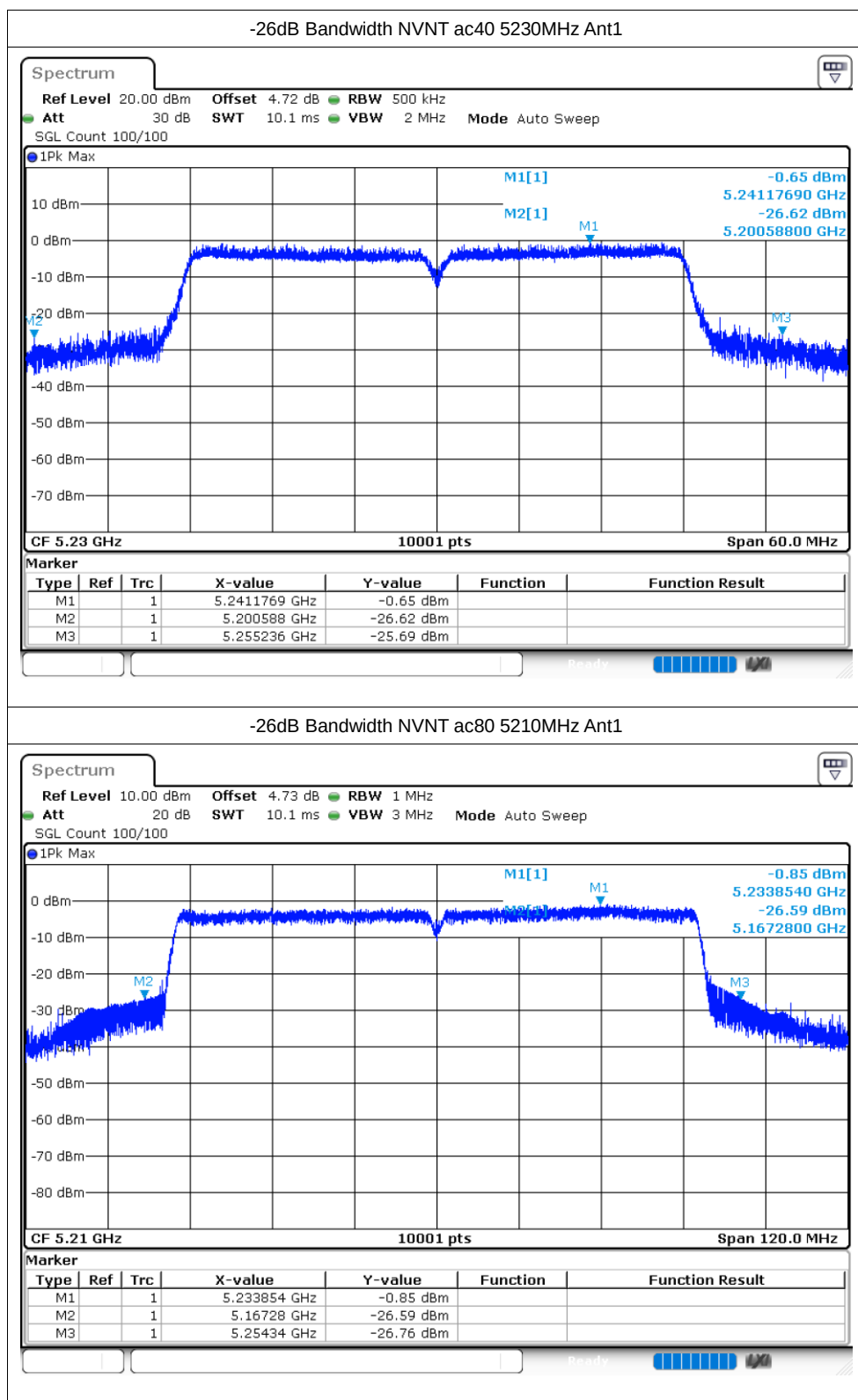










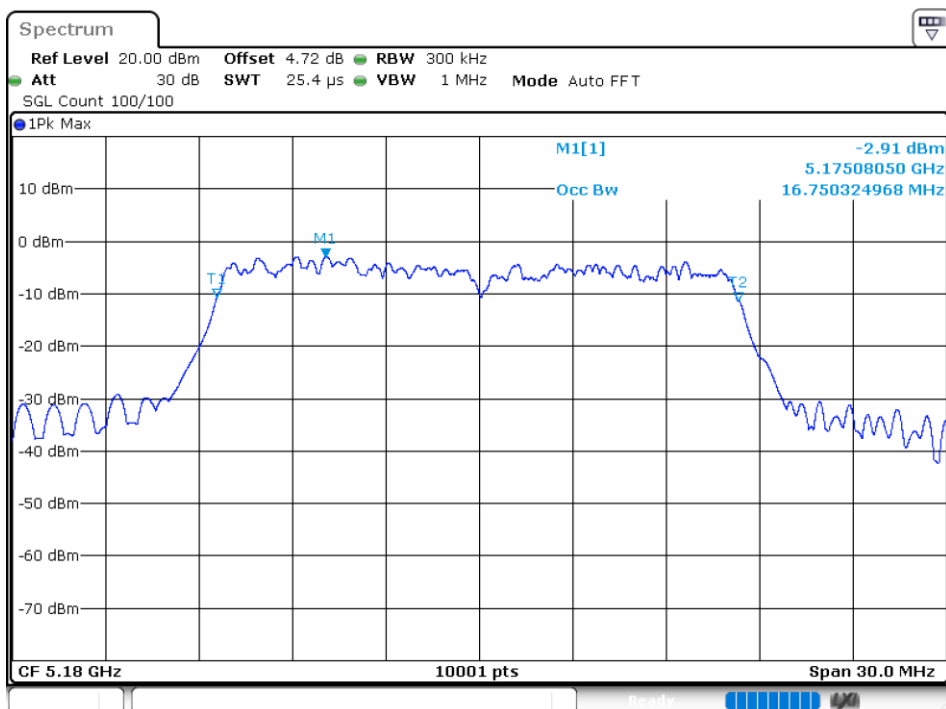


Occupied Channel Bandwidth

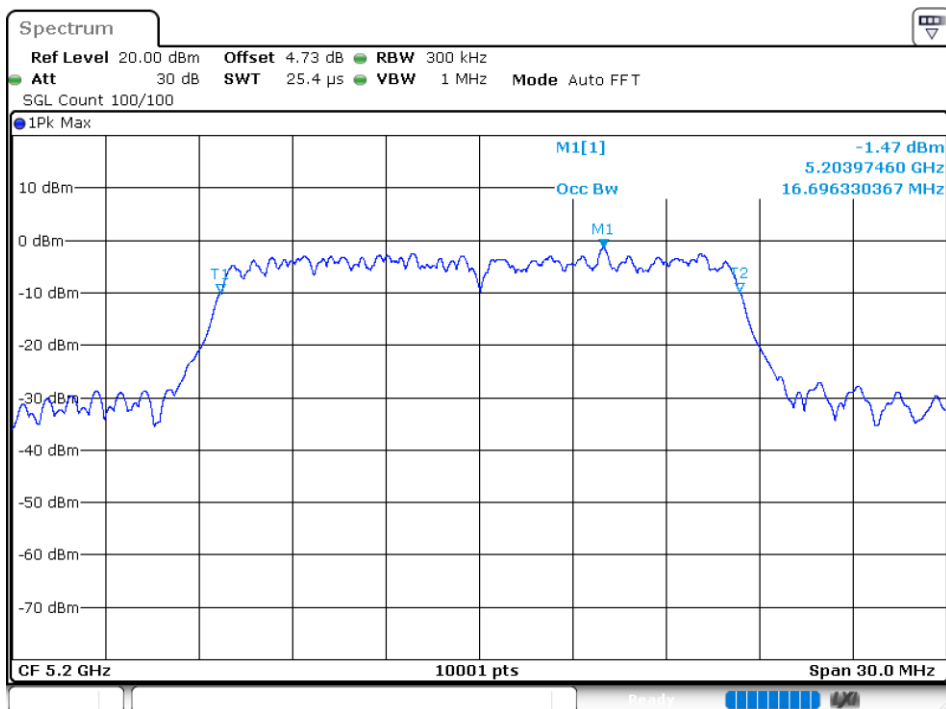
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.75
NVNT	a	5200	Ant1	16.696
NVNT	a	5240	Ant1	16.774
NVNT	n20	5180	Ant1	17.632
NVNT	n20	5200	Ant1	17.605
NVNT	n20	5240	Ant1	17.599
NVNT	n40	5190	Ant1	36.512
NVNT	n40	5230	Ant1	36.428
NVNT	ac20	5180	Ant1	17.704
NVNT	ac20	5200	Ant1	17.668
NVNT	ac20	5240	Ant1	17.764
NVNT	ac40	5190	Ant1	36.512
NVNT	ac40	5230	Ant1	36.422
NVNT	ac80	5210	Ant1	75.7

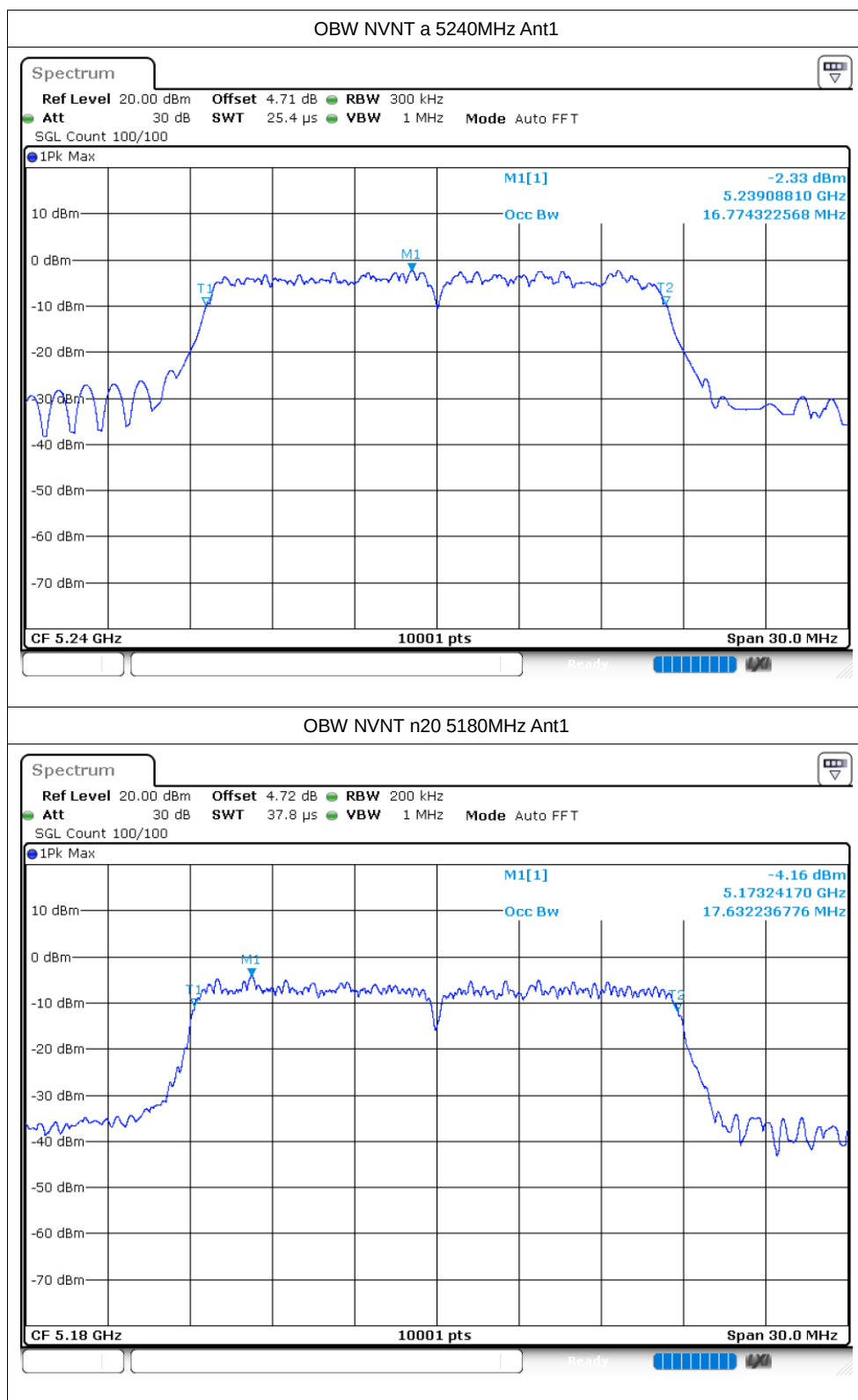
Test Graphs

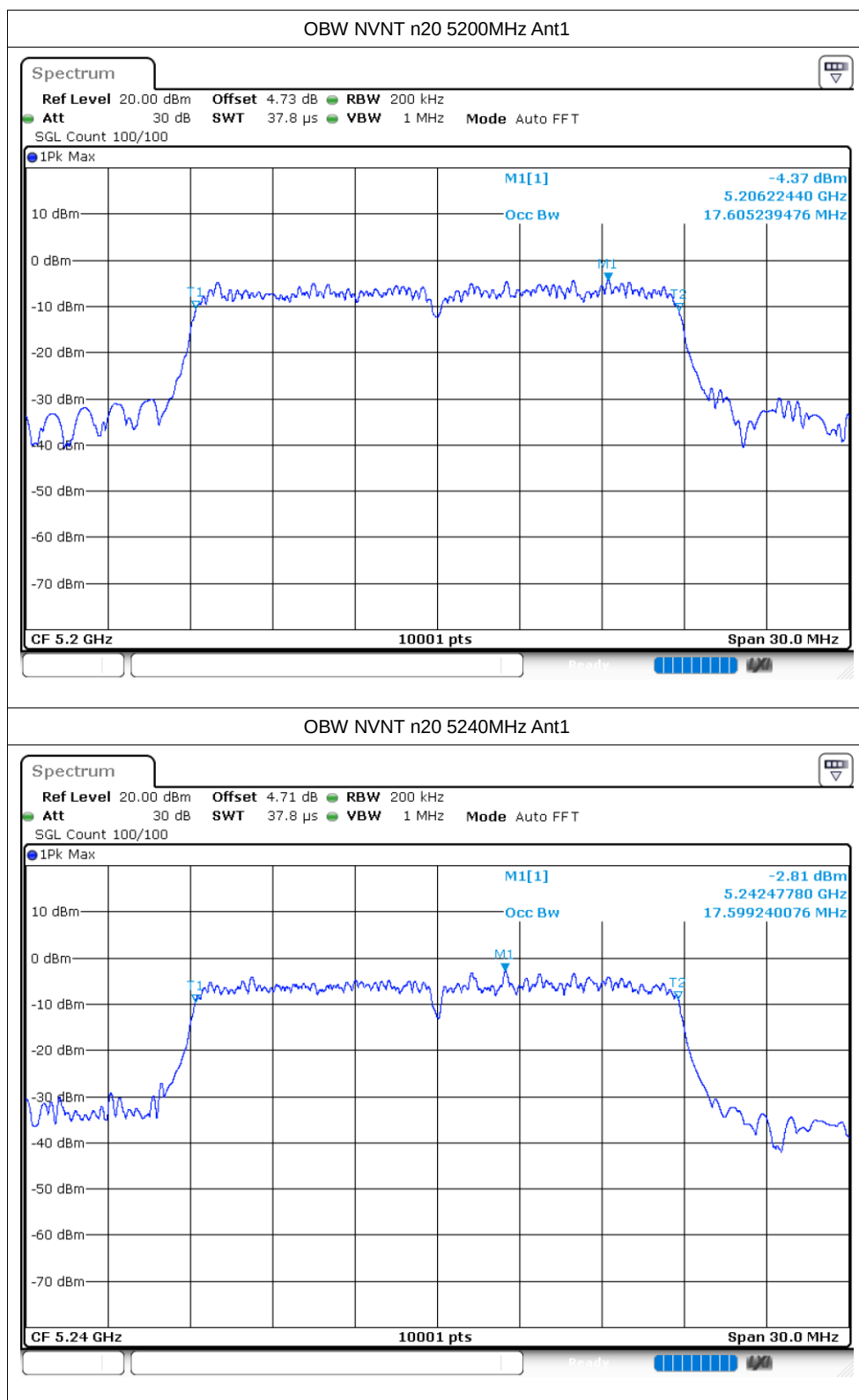
OBW NVNT a 5180MHz Ant1

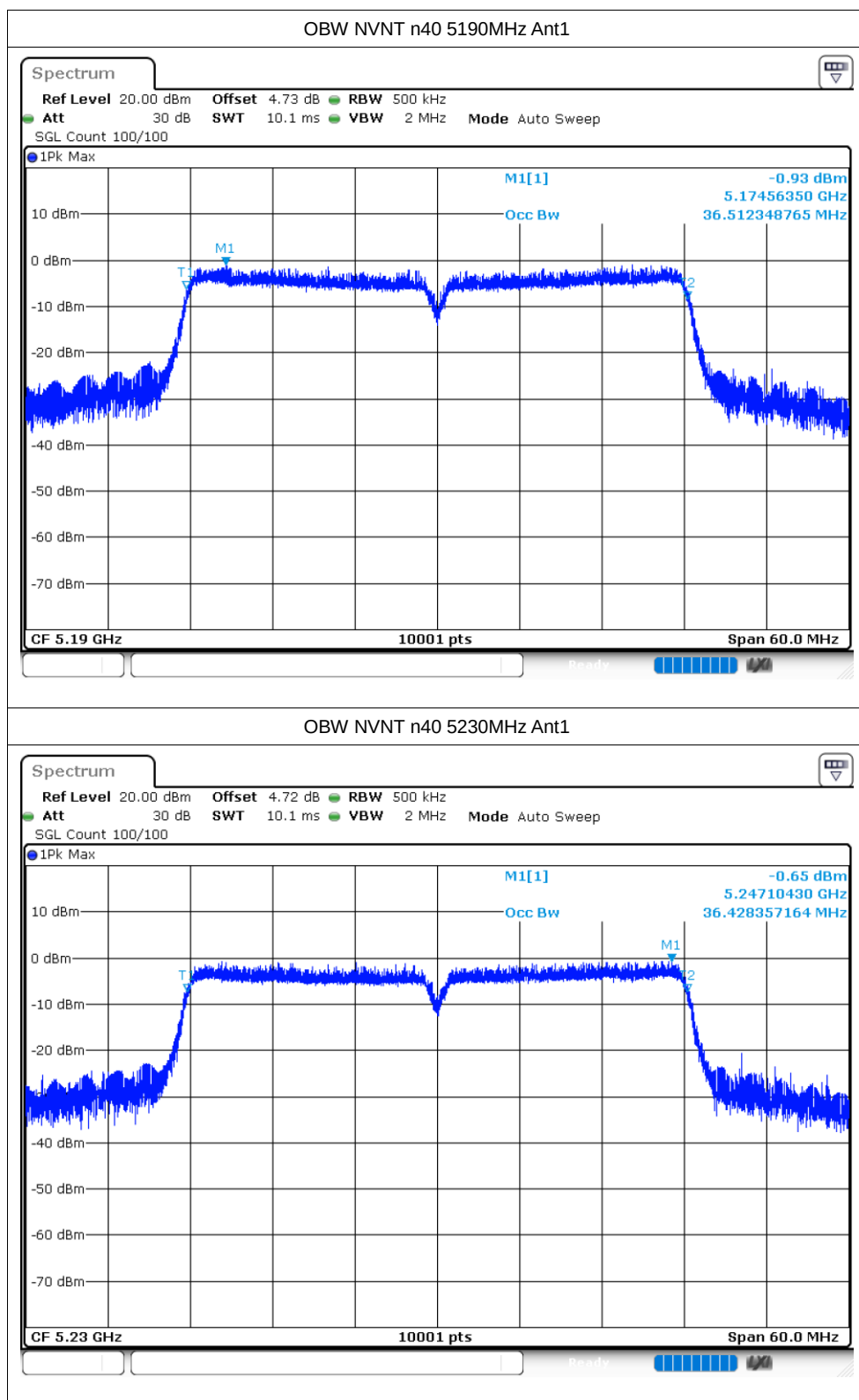


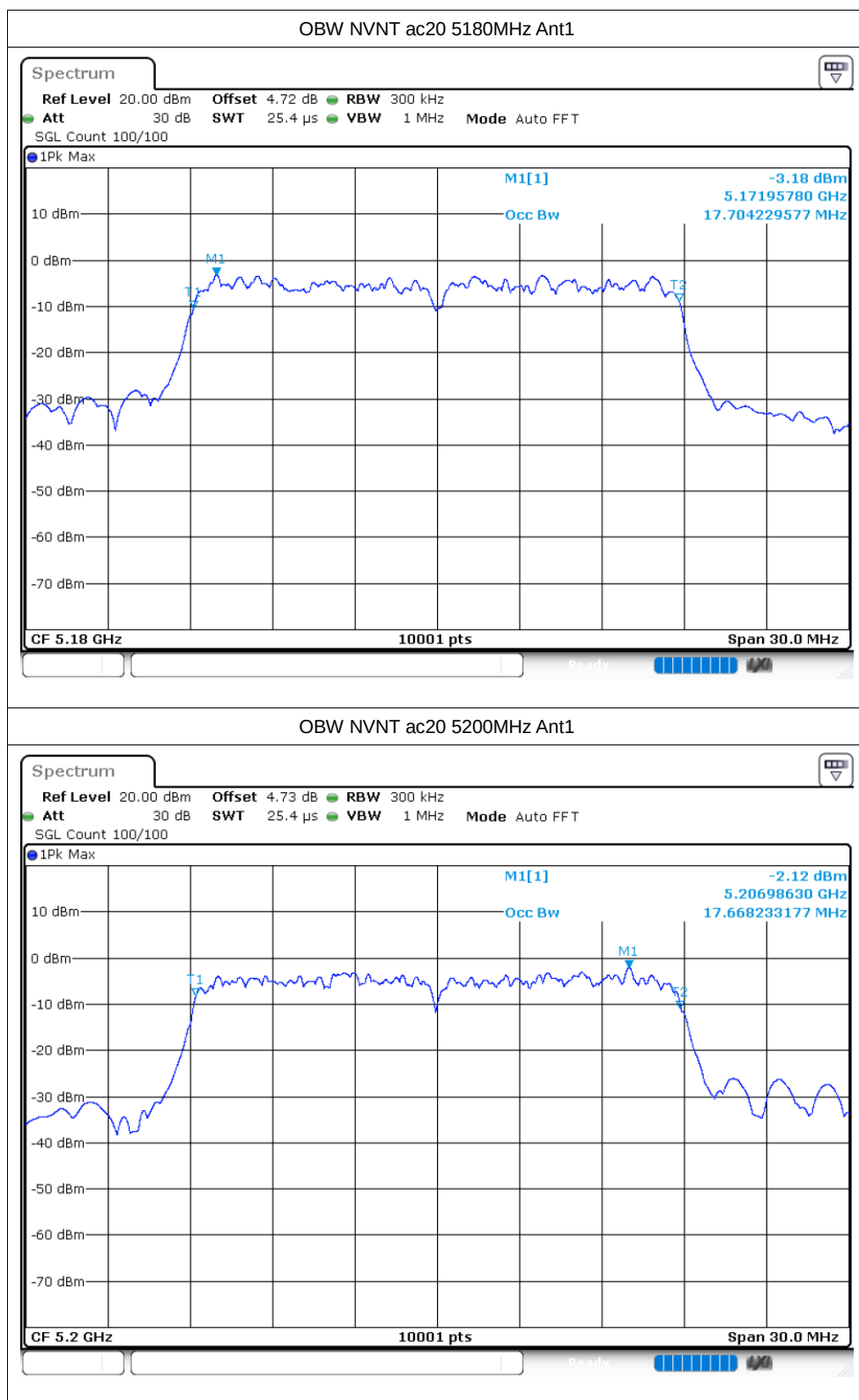
OBW NVNT a 5200MHz Ant1

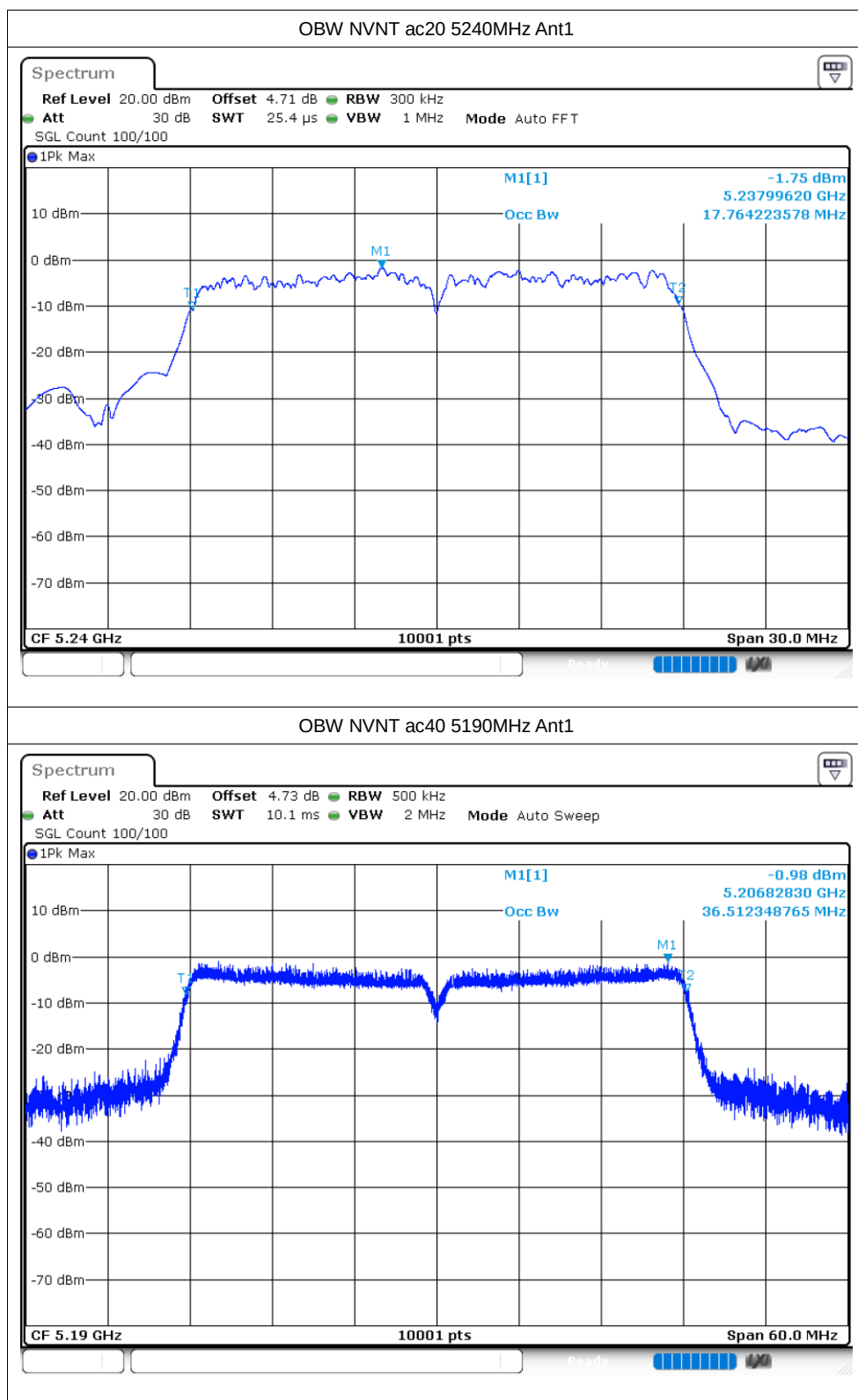


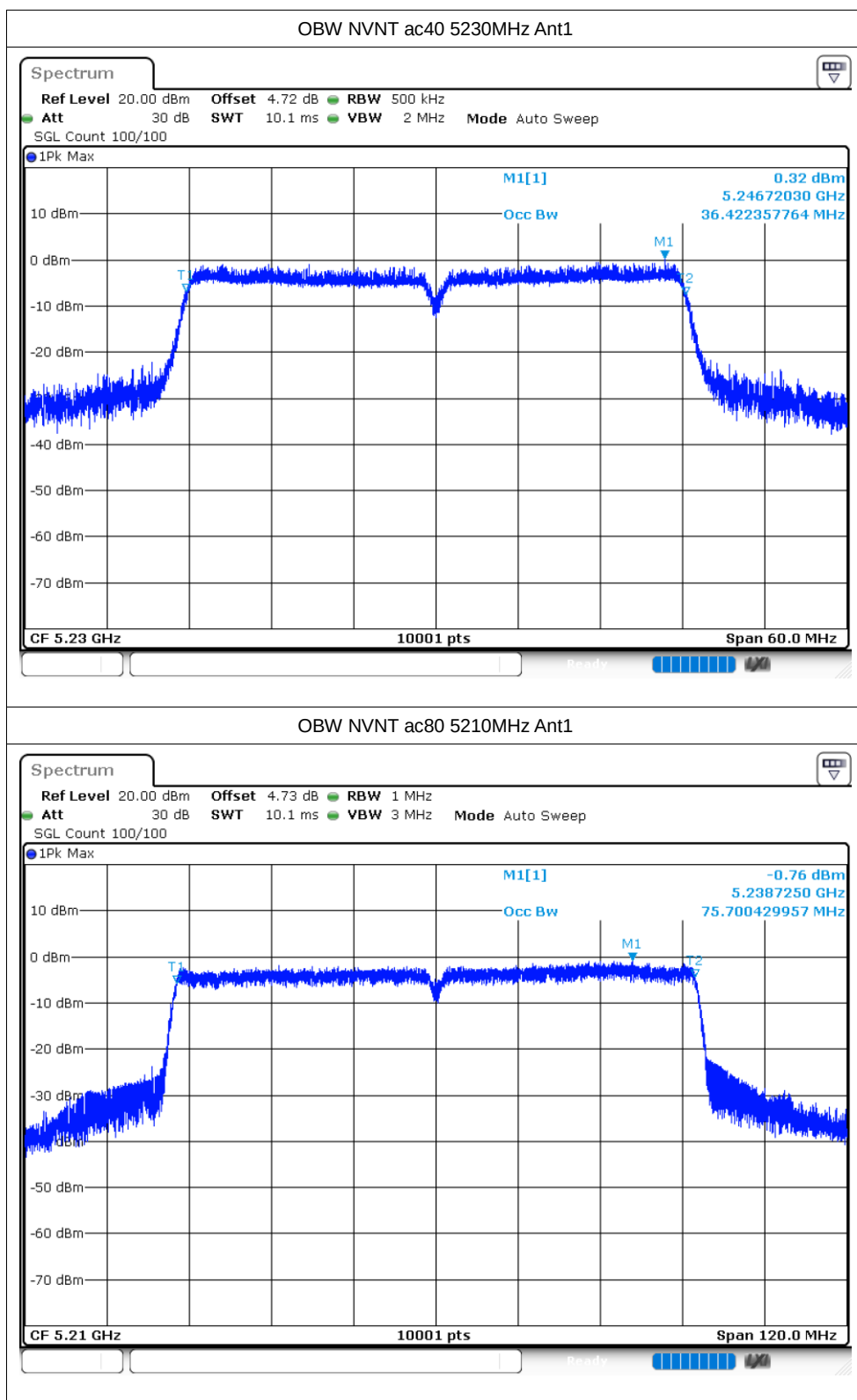










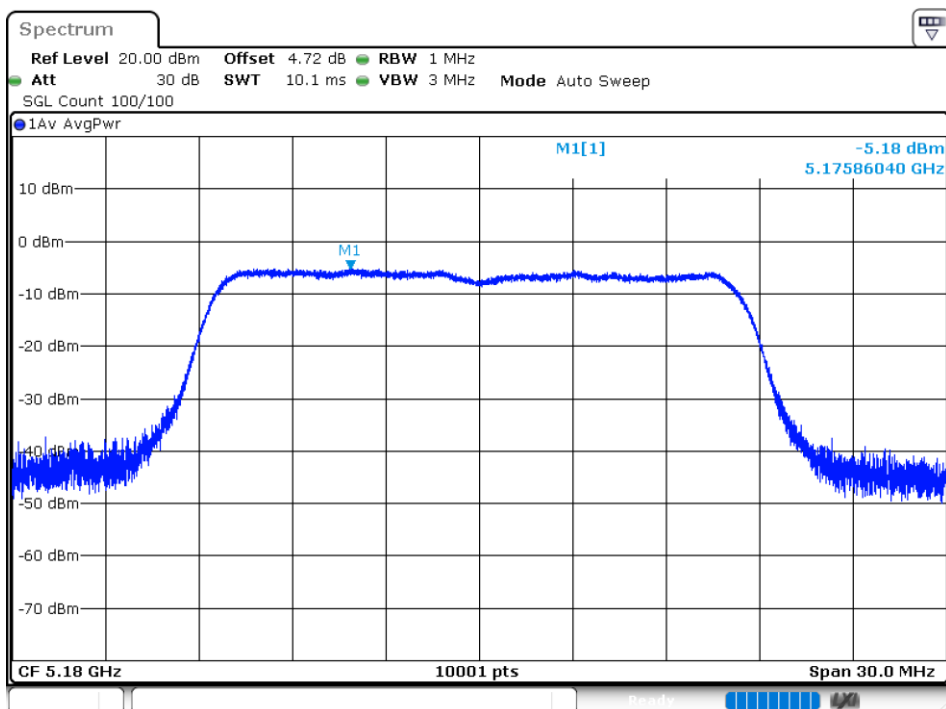


Maximum Power Spectral Density Level

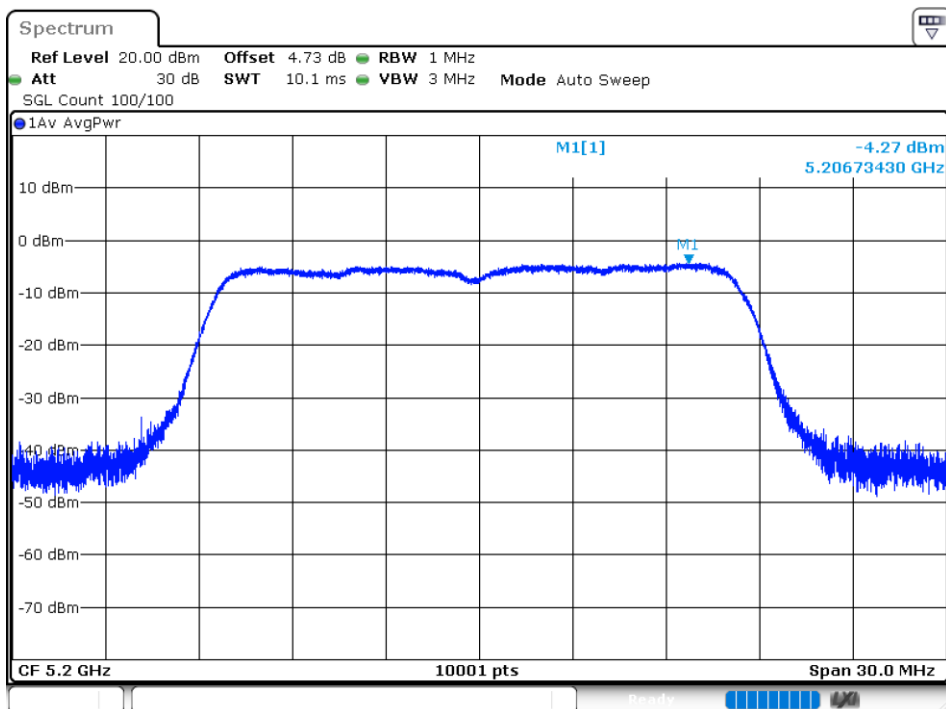
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-5.18	0.52	-4.66	11	Pass
NVNT	a	5200	Ant1	-4.27	0.53	-3.74	11	Pass
NVNT	a	5240	Ant1	-4.53	0.54	-3.99	11	Pass
NVNT	n20	5180	Ant1	-5.25	0.62	-4.63	11	Pass
NVNT	n20	5200	Ant1	-5.35	0.6	-4.75	11	Pass
NVNT	n20	5240	Ant1	-4.82	0.59	-4.23	11	Pass
NVNT	n40	5190	Ant1	-7.99	1.13	-6.86	11	Pass
NVNT	n40	5230	Ant1	-7.61	1.12	-6.49	11	Pass
NVNT	ac20	5180	Ant1	-4.88	0.61	-4.27	11	Pass
NVNT	ac20	5200	Ant1	-4.8	0.59	-4.21	11	Pass
NVNT	ac20	5240	Ant1	-4.11	0.57	-3.54	11	Pass
NVNT	ac40	5190	Ant1	-7.85	1.09	-6.76	11	Pass
NVNT	ac40	5230	Ant1	-7.07	1.11	-5.96	11	Pass
NVNT	ac80	5210	Ant1	-11.05	1.93	-9.12	11	Pass

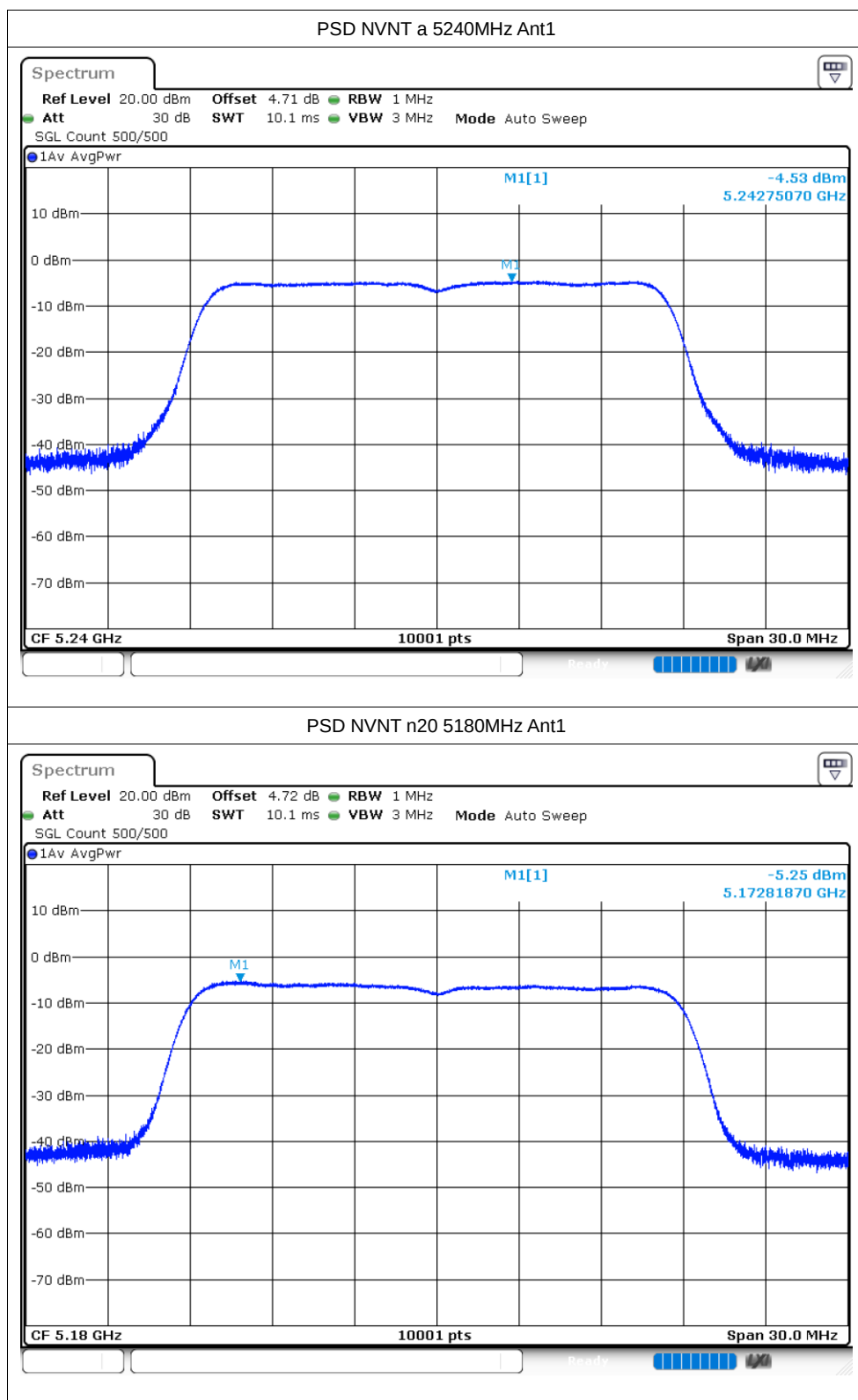
Test Graphs

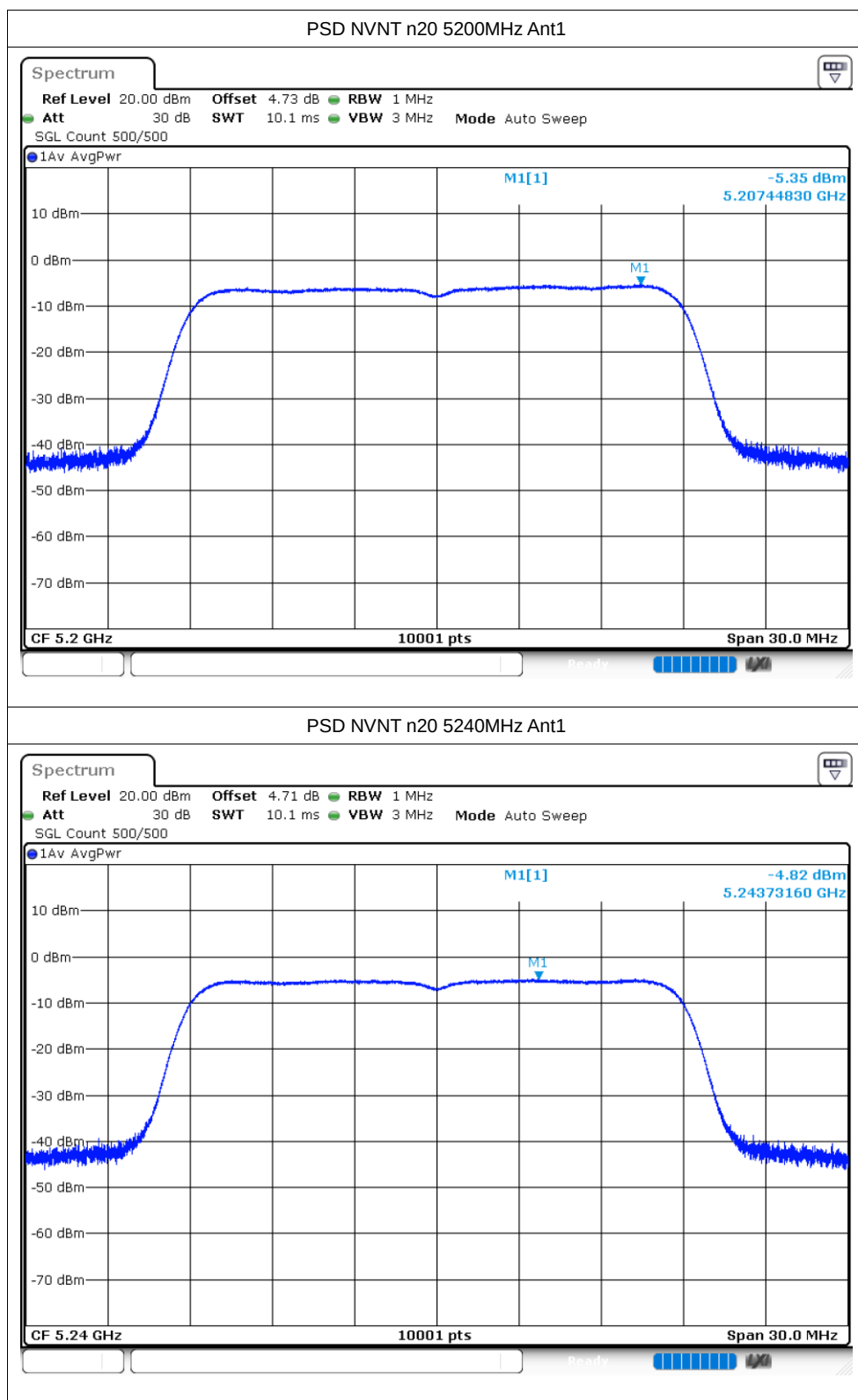
PSD NVNT a 5180MHz Ant1

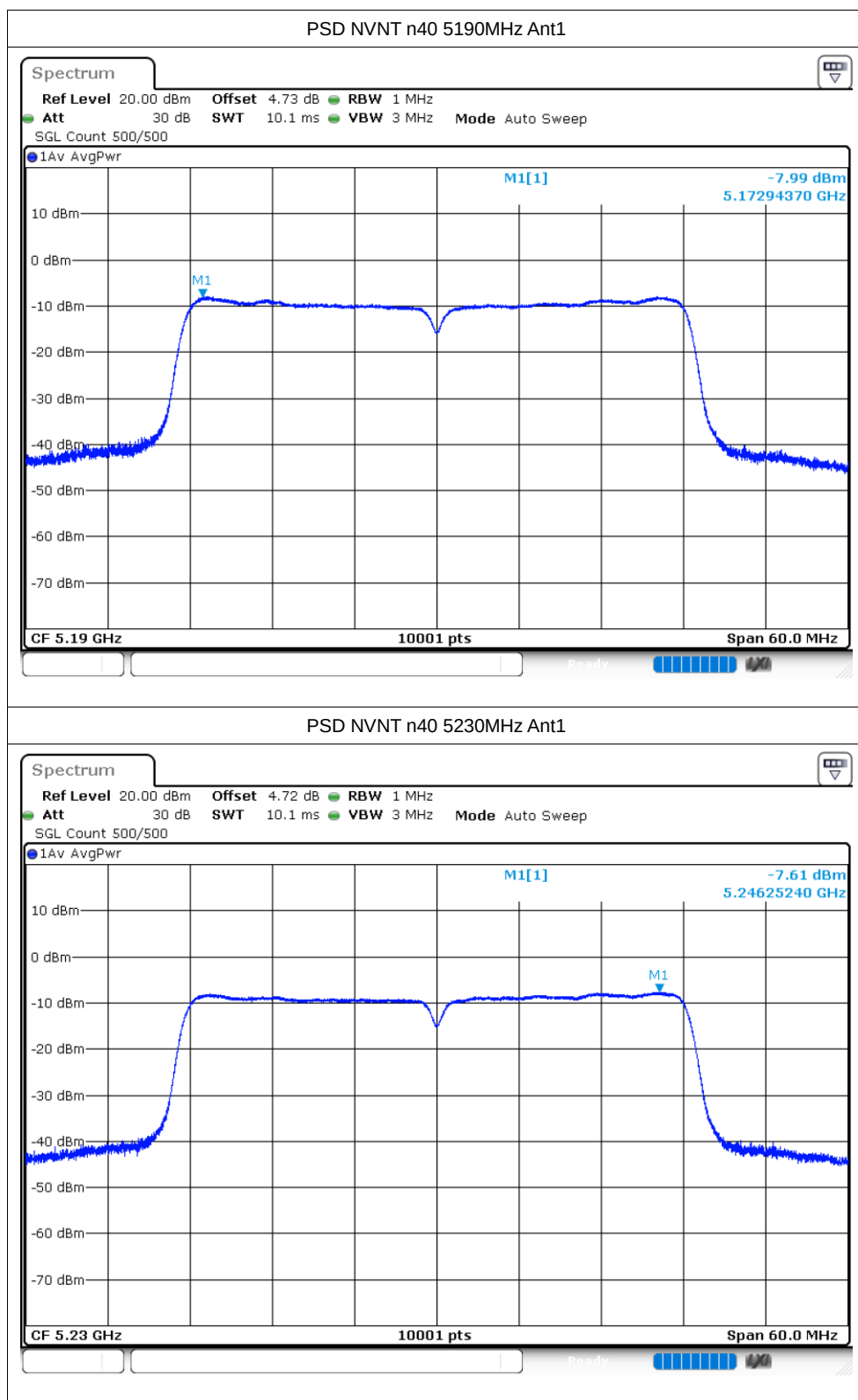


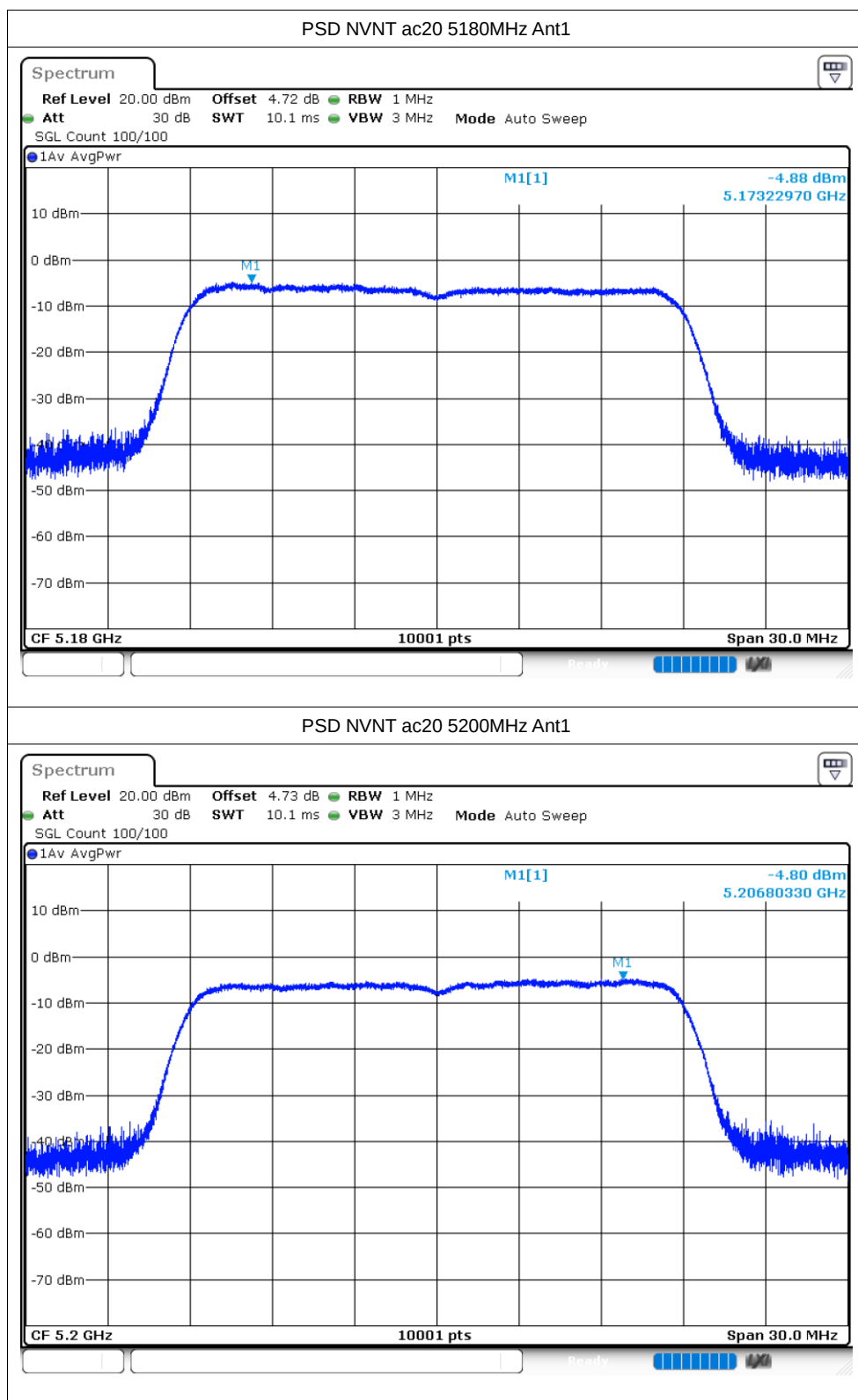
PSD NVNT a 5200MHz Ant1

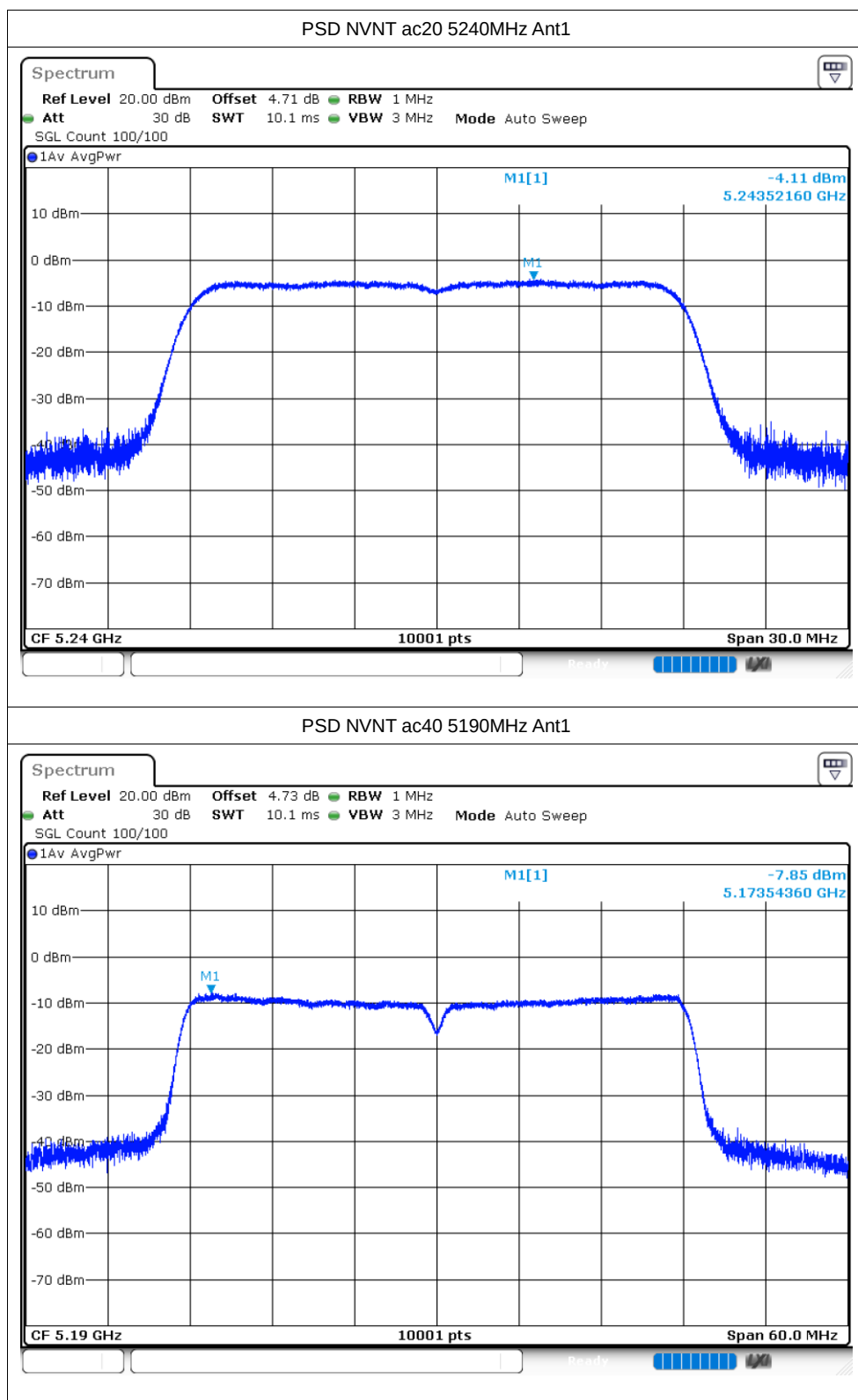


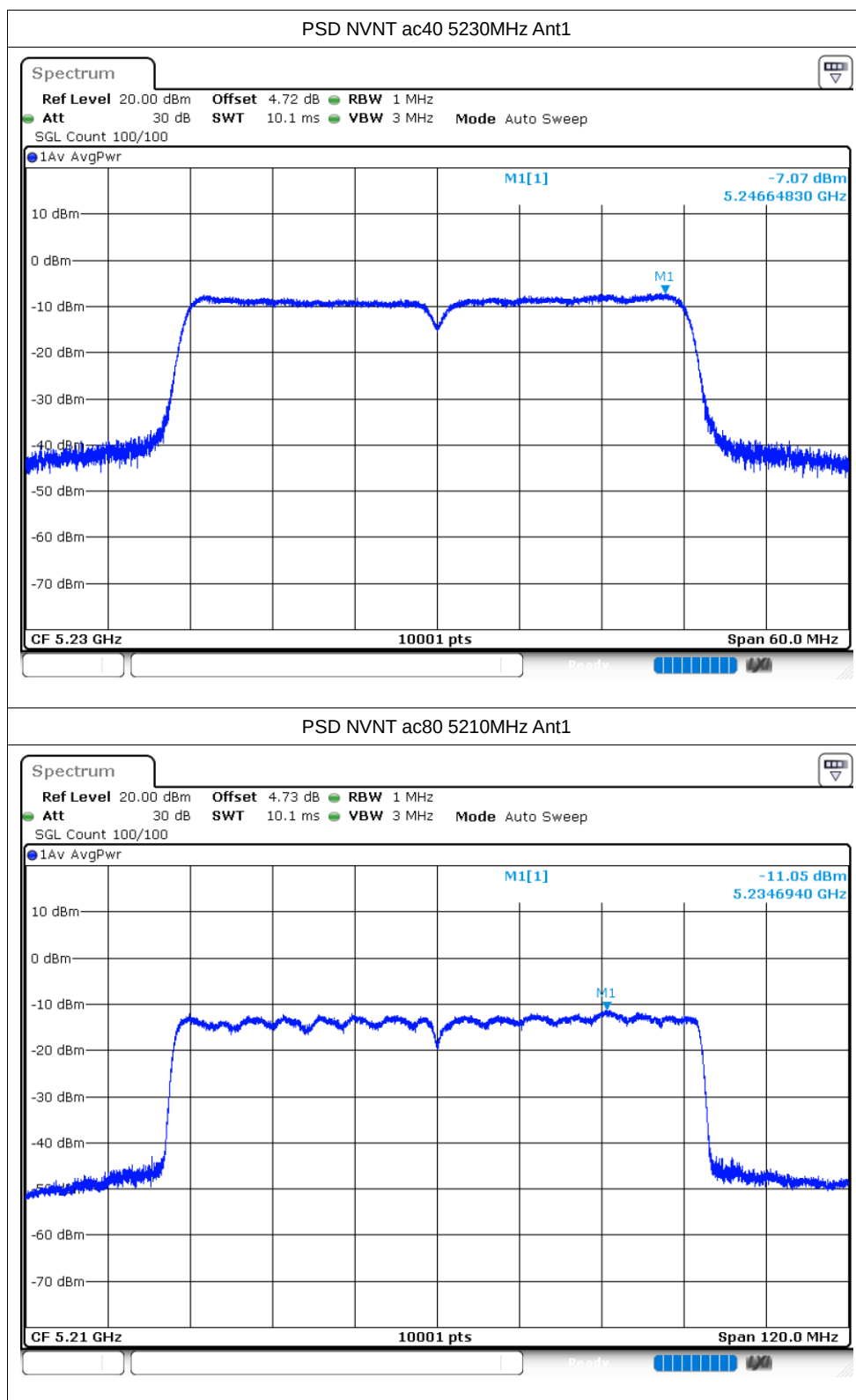










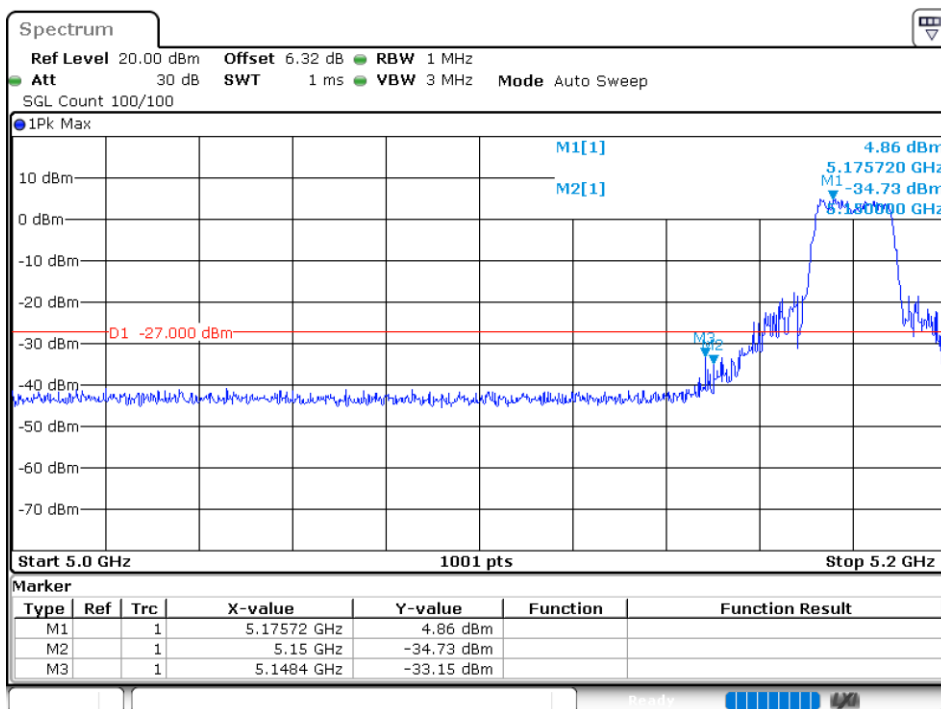


Band Edge

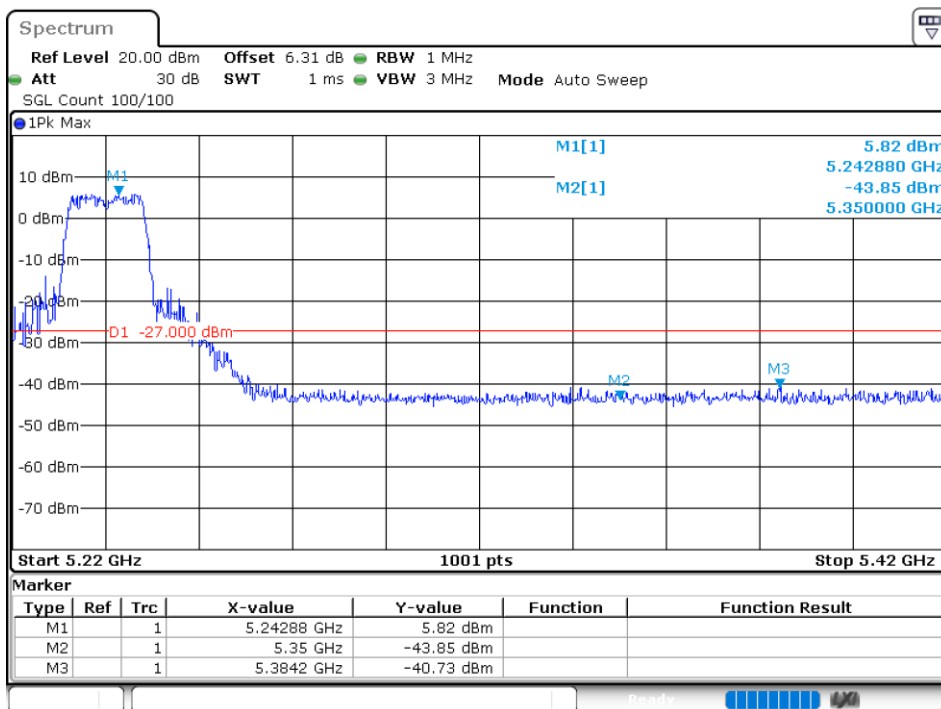
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-33.15	-27	Pass
NVNT	a	5240	Ant1	-40.73	-27	Pass
NVNT	n20	5180	Ant1	-36.19	-27	Pass
NVNT	n20	5240	Ant1	-40.34	-27	Pass
NVNT	n40	5190	Ant1	-30.46	-27	Pass
NVNT	n40	5230	Ant1	-40.98	-27	Pass
NVNT	ac20	5180	Ant1	-33.83	-27	Pass
NVNT	ac20	5240	Ant1	-40.05	-27	Pass
NVNT	ac40	5190	Ant1	-29.91	-27	Pass
NVNT	ac40	5230	Ant1	-40.96	-27	Pass
NVNT	ac80	5210	Ant1	-40.76	-27	Pass
NVNT	ac80	5210	Ant1	-35.21	-27	Pass

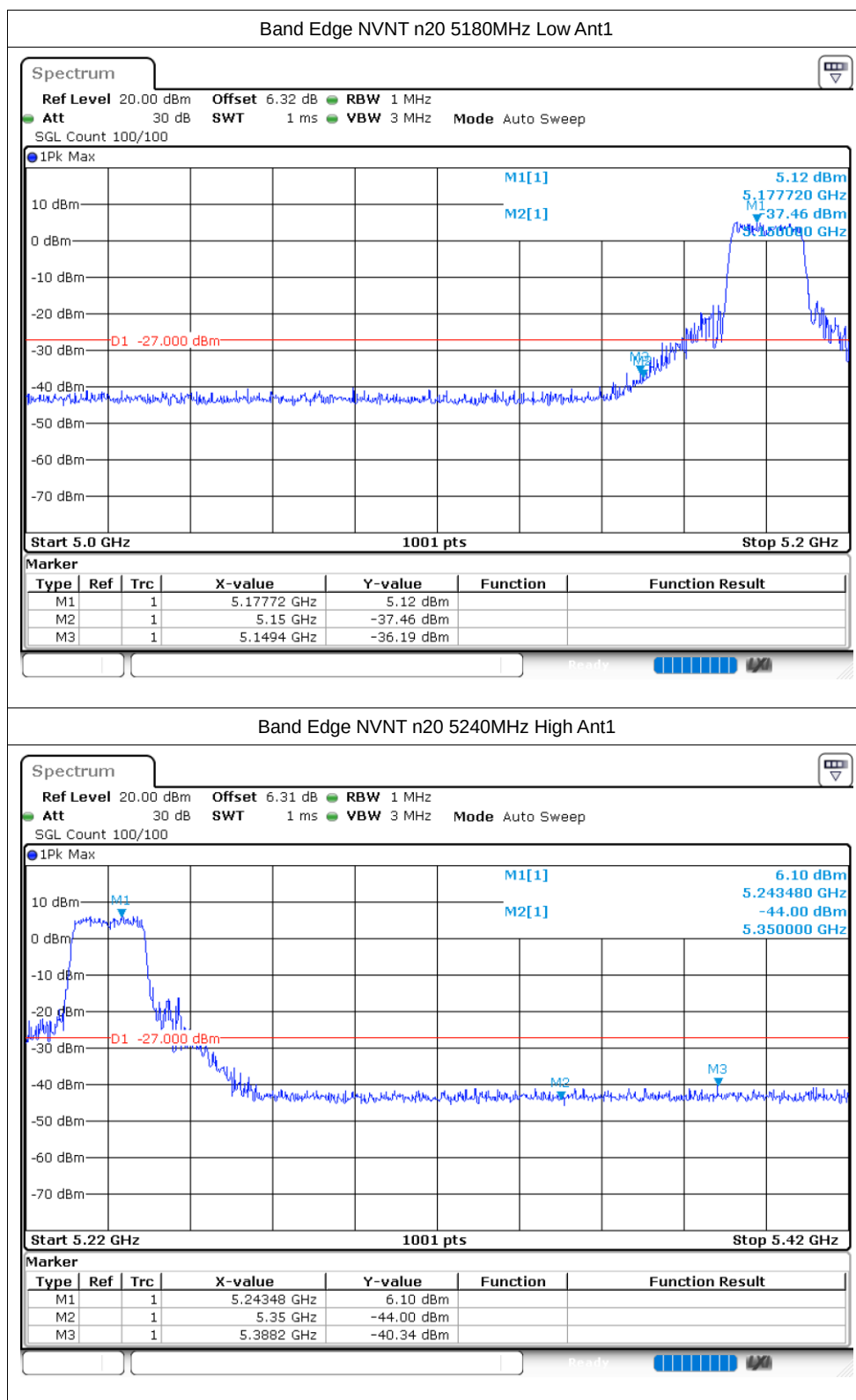
Test Graphs

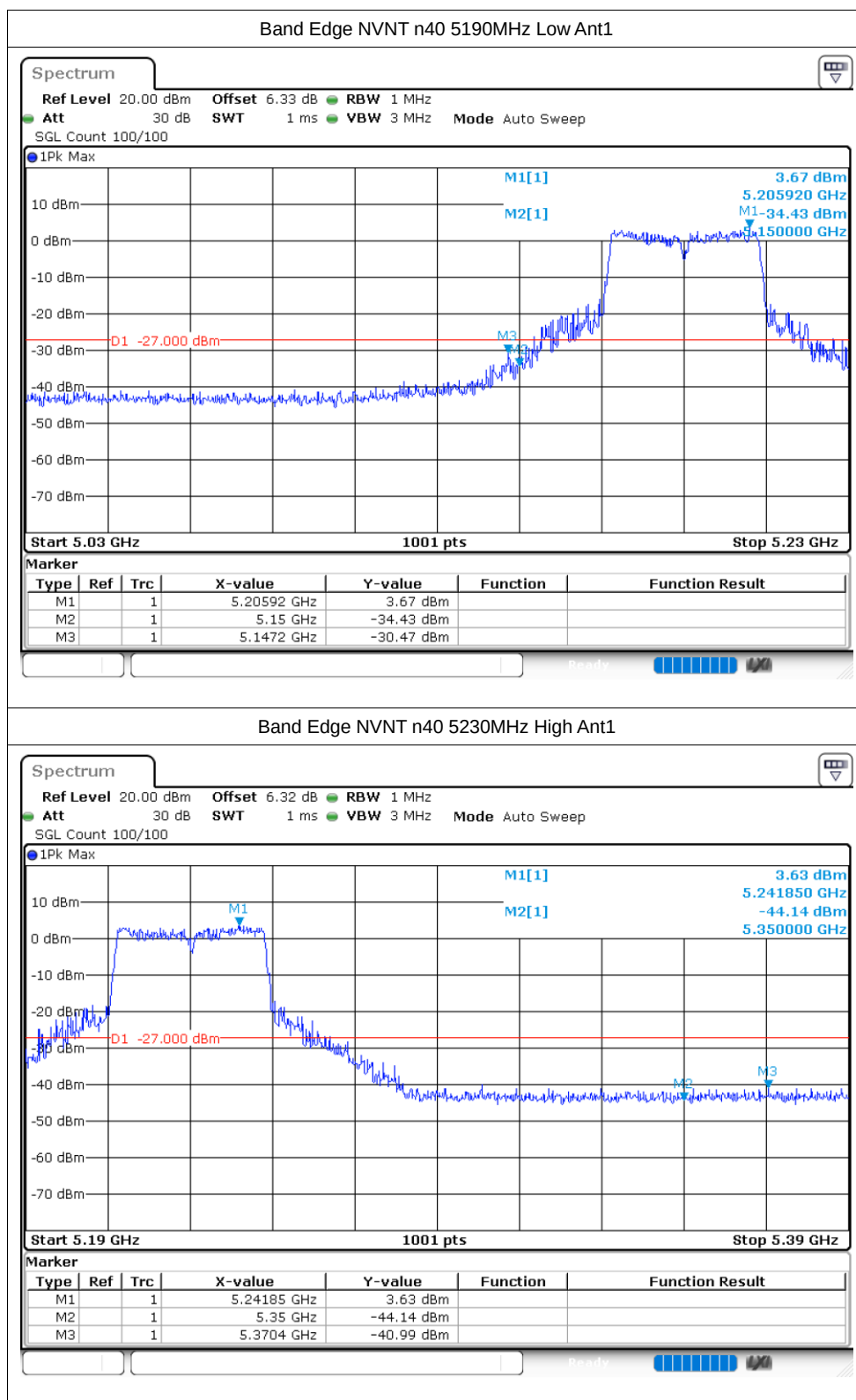
Band Edge NVNT a 5180MHz Low Ant1

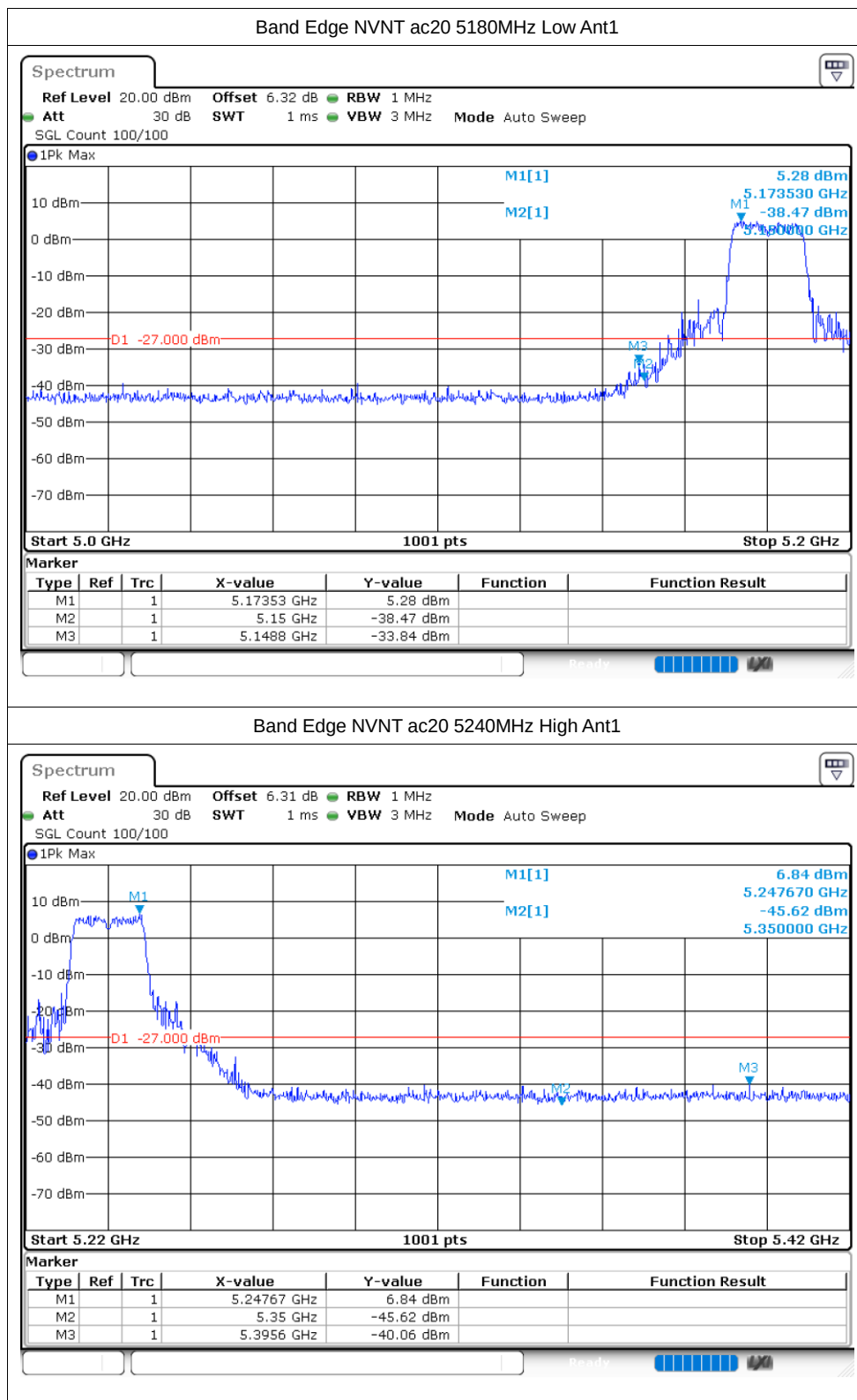


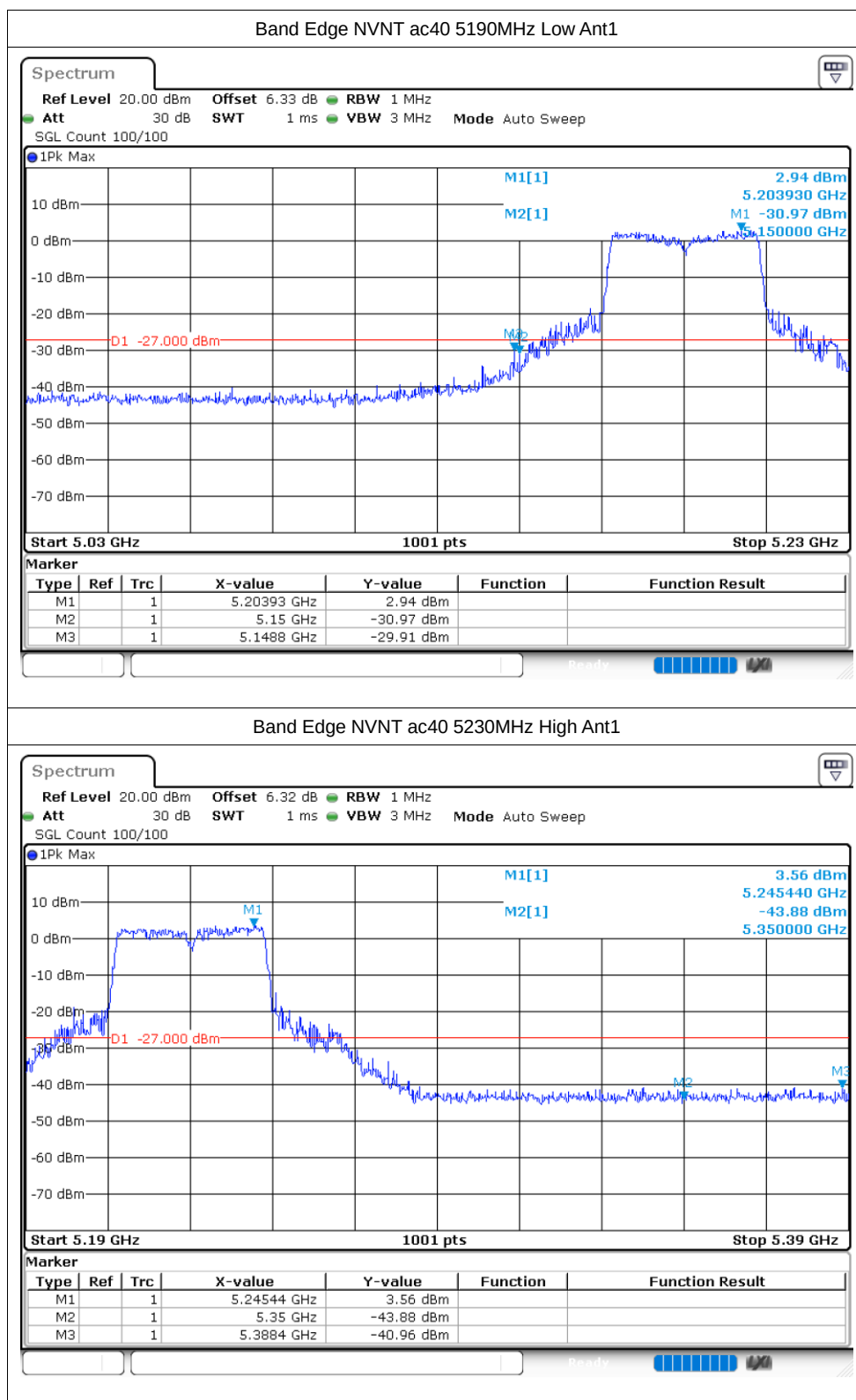
Band Edge NVNT a 5240MHz High Ant1

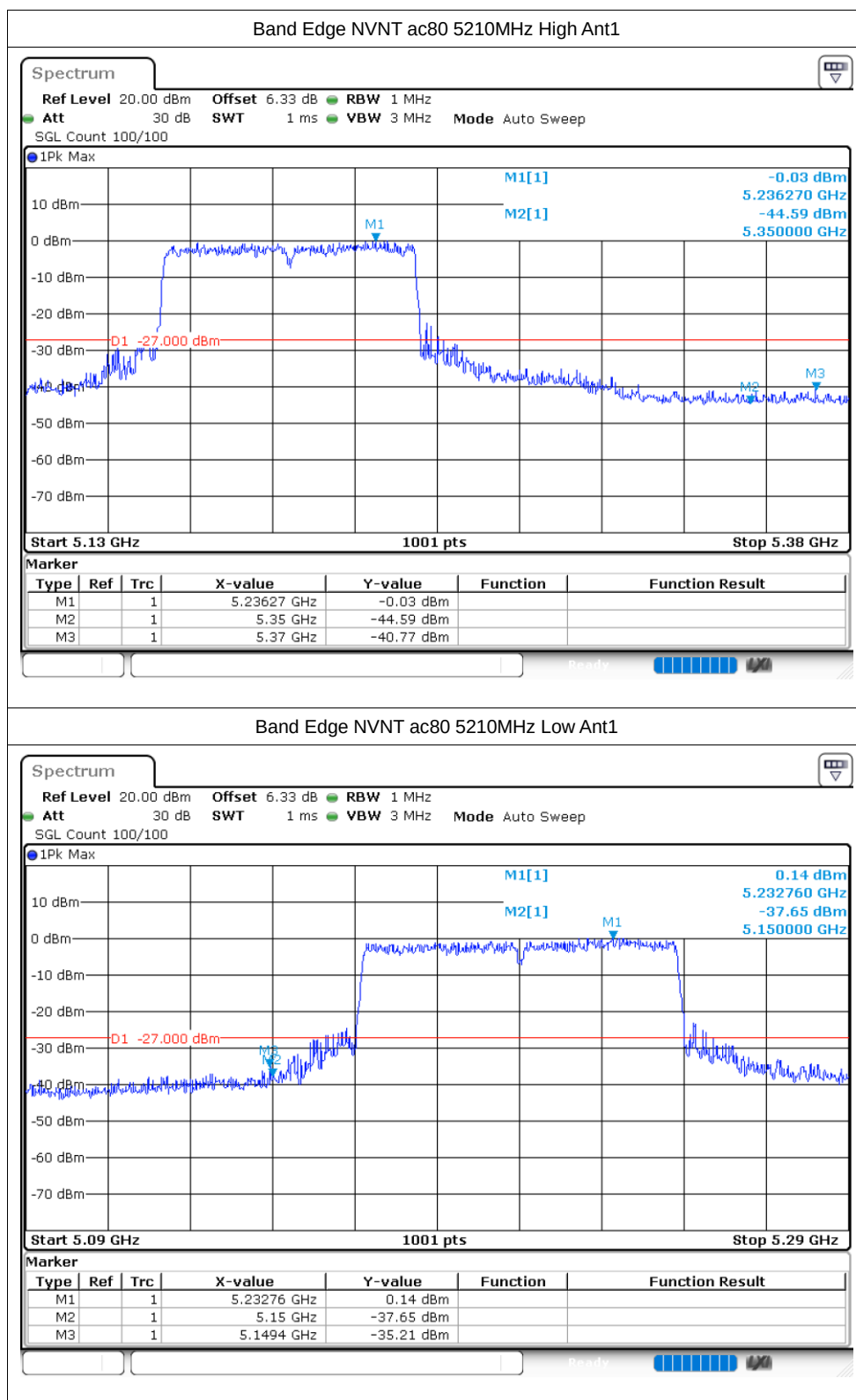










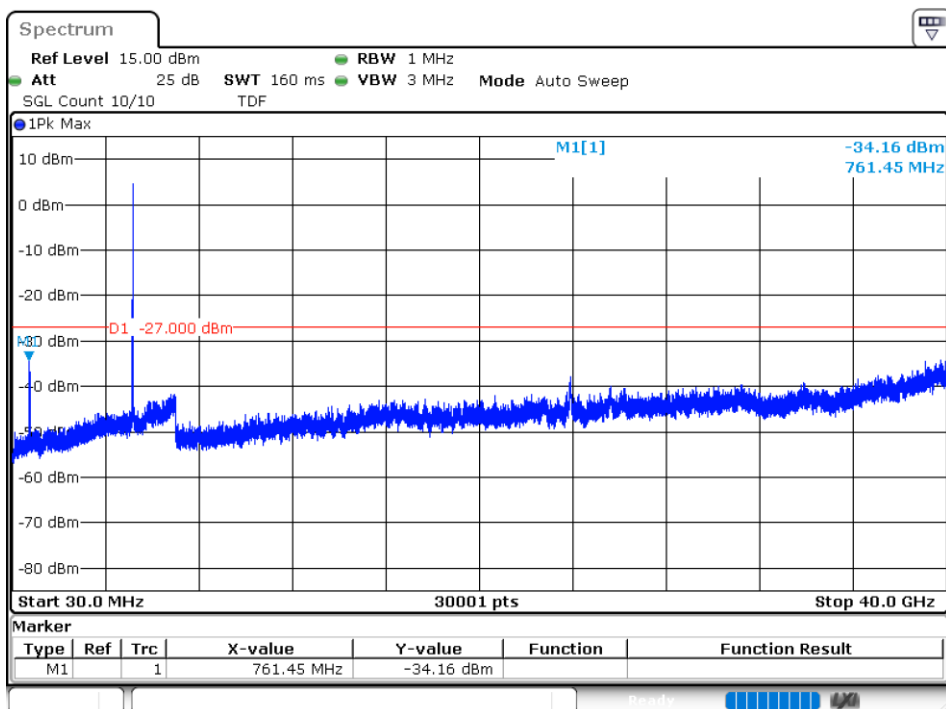


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.15	-27	Pass
NVNT	a	5200	Ant1	-32.35	-27	Pass
NVNT	a	5240	Ant1	-33.99	-27	Pass
NVNT	n20	5180	Ant1	-34.42	-27	Pass
NVNT	n20	5200	Ant1	-35.04	-27	Pass
NVNT	n20	5240	Ant1	-32.83	-27	Pass
NVNT	n40	5190	Ant1	-34.27	-27	Pass
NVNT	n40	5230	Ant1	-34.15	-27	Pass
NVNT	ac20	5180	Ant1	-34.78	-27	Pass
NVNT	ac20	5200	Ant1	-33.85	-27	Pass
NVNT	ac20	5240	Ant1	-34.95	-27	Pass
NVNT	ac40	5190	Ant1	-33.18	-27	Pass
NVNT	ac40	5230	Ant1	-34.47	-27	Pass
NVNT	ac80	5210	Ant1	-34.92	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission



Tx. Spurious NVNT a 5200MHz Ant1 Emission

