

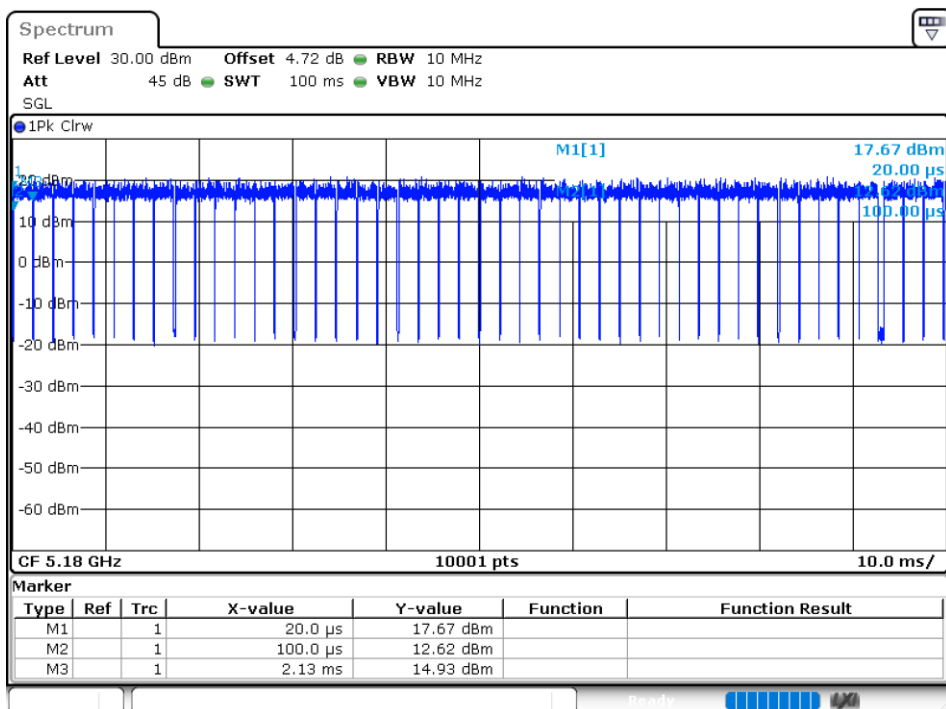
WIFI 5.2G:

Duty Cycle

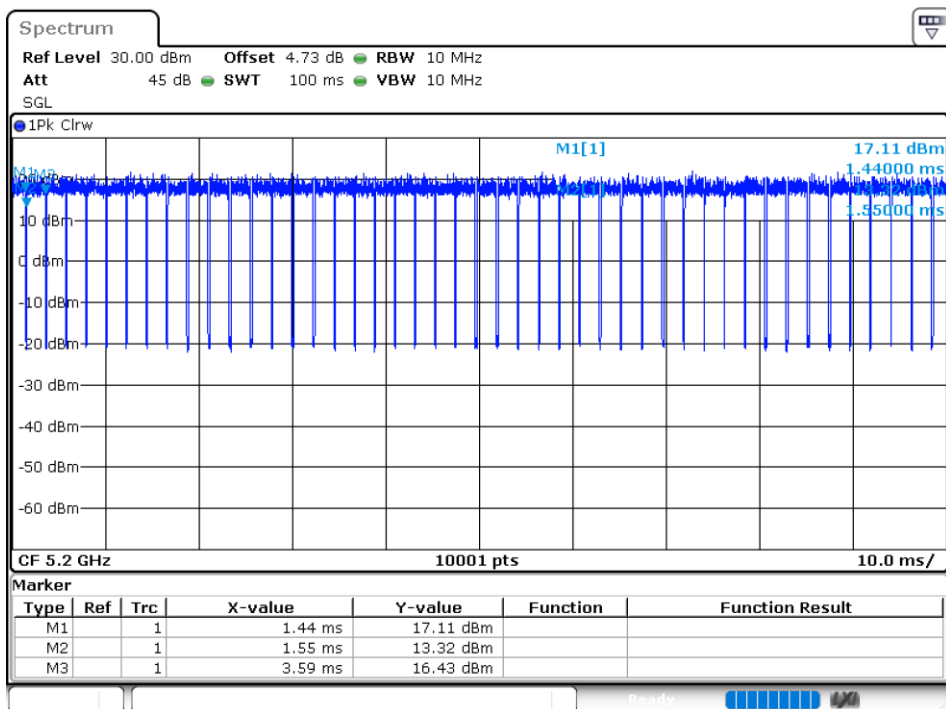
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	94.16	0.26	0.49
NVNT	a	5200	Ant1	92.78	0.33	0.49
NVNT	a	5240	Ant1	92.22	0.35	0.49
NVNT	n20	5180	Ant1	93.94	0.27	0.53
NVNT	n20	5200	Ant1	92.18	0.35	0.53
NVNT	n20	5240	Ant1	91.78	0.37	0.53
NVNT	n40	5190	Ant1	88.42	0.53	1.06
NVNT	n40	5230	Ant1	84.67	0.72	1.08
NVNT	ac20	5180	Ant1	93.31	0.3	0.53
NVNT	ac20	5200	Ant1	85.46	0.68	0.53
NVNT	ac20	5240	Ant1	91.87	0.37	0.53
NVNT	ac40	5190	Ant1	89.49	0.48	1.06
NVNT	ac40	5230	Ant1	86.09	0.65	1.06
NVNT	ax20	5180	Ant1	93.31	0.3	0.68
NVNT	ax20	5200	Ant1	86.67	0.62	0.68
NVNT	ax20	5240	Ant1	90.36	0.44	0.68
NVNT	ax40	5190	Ant1	86.55	0.63	1.3
NVNT	ax40	5230	Ant1	82.42	0.84	1.32

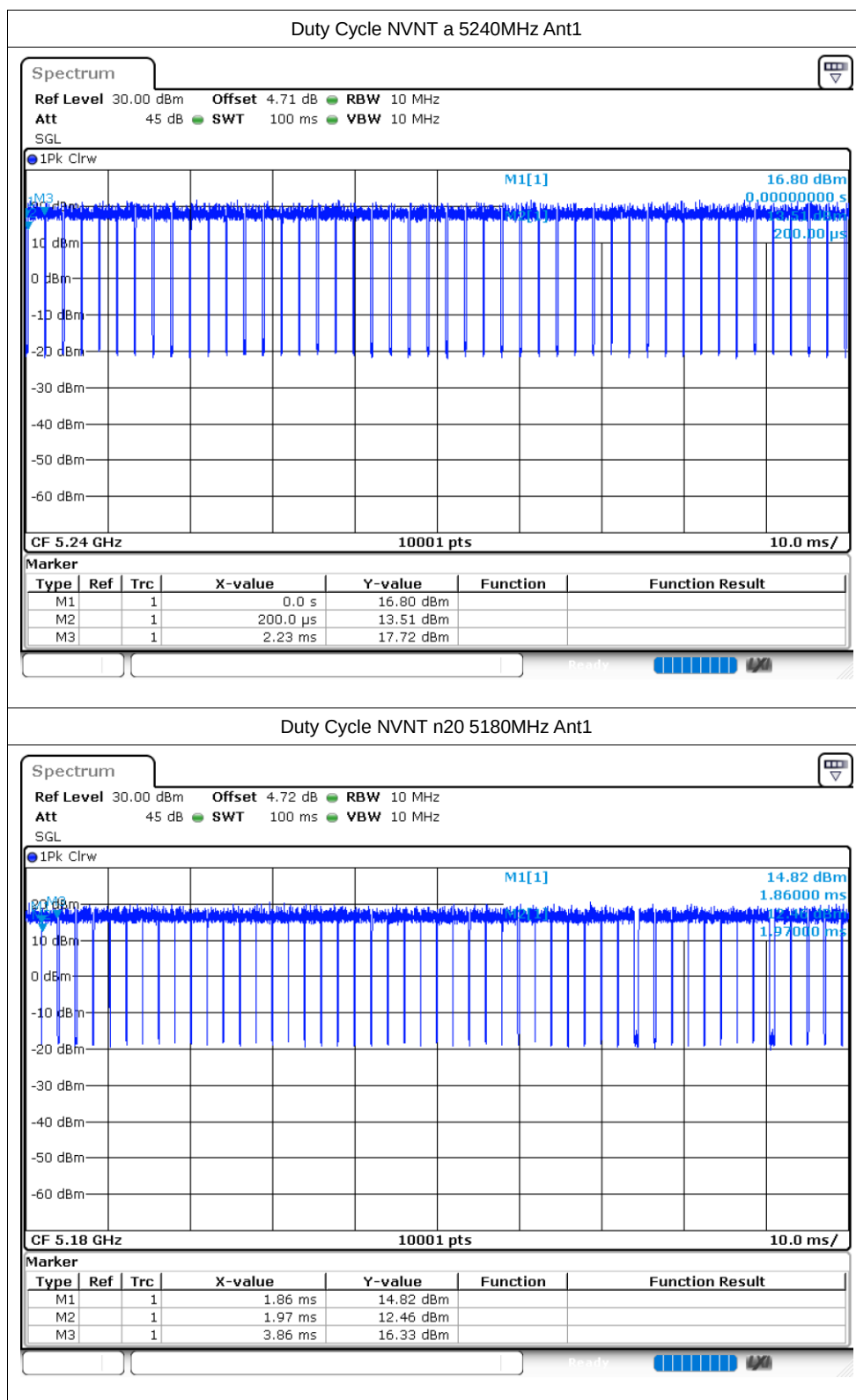
Test Graphs

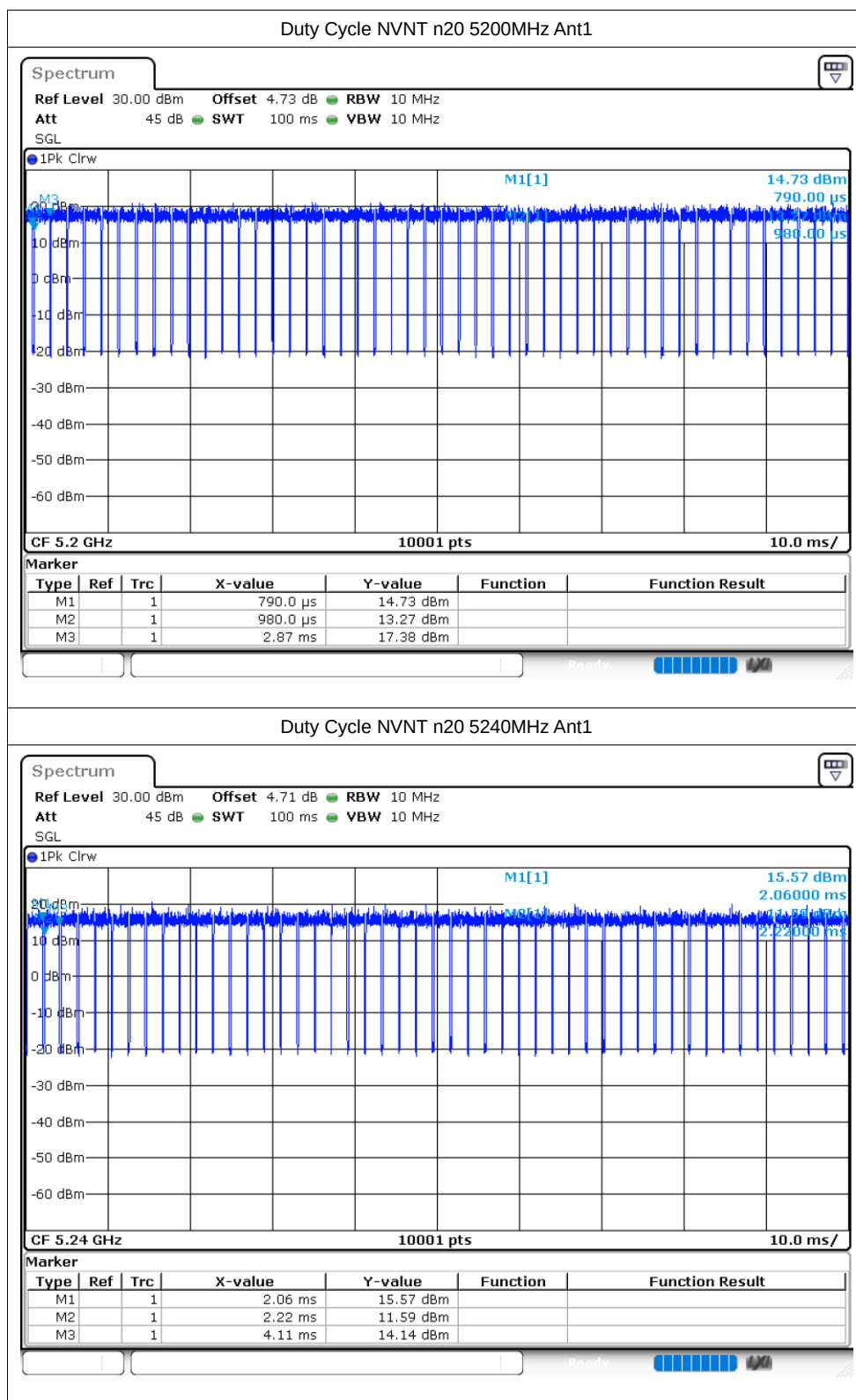
Duty Cycle NVNT a 5180MHz Ant1

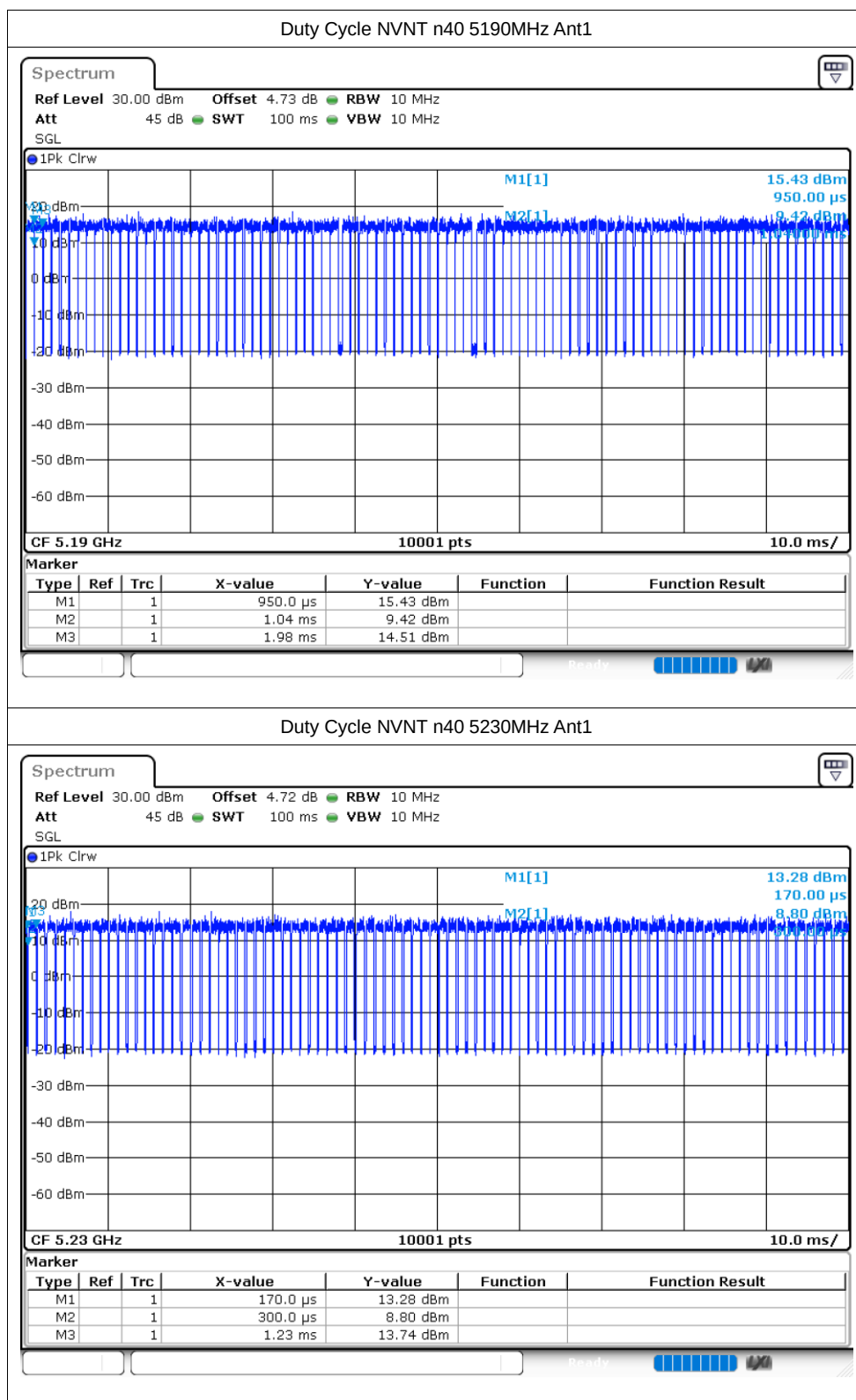


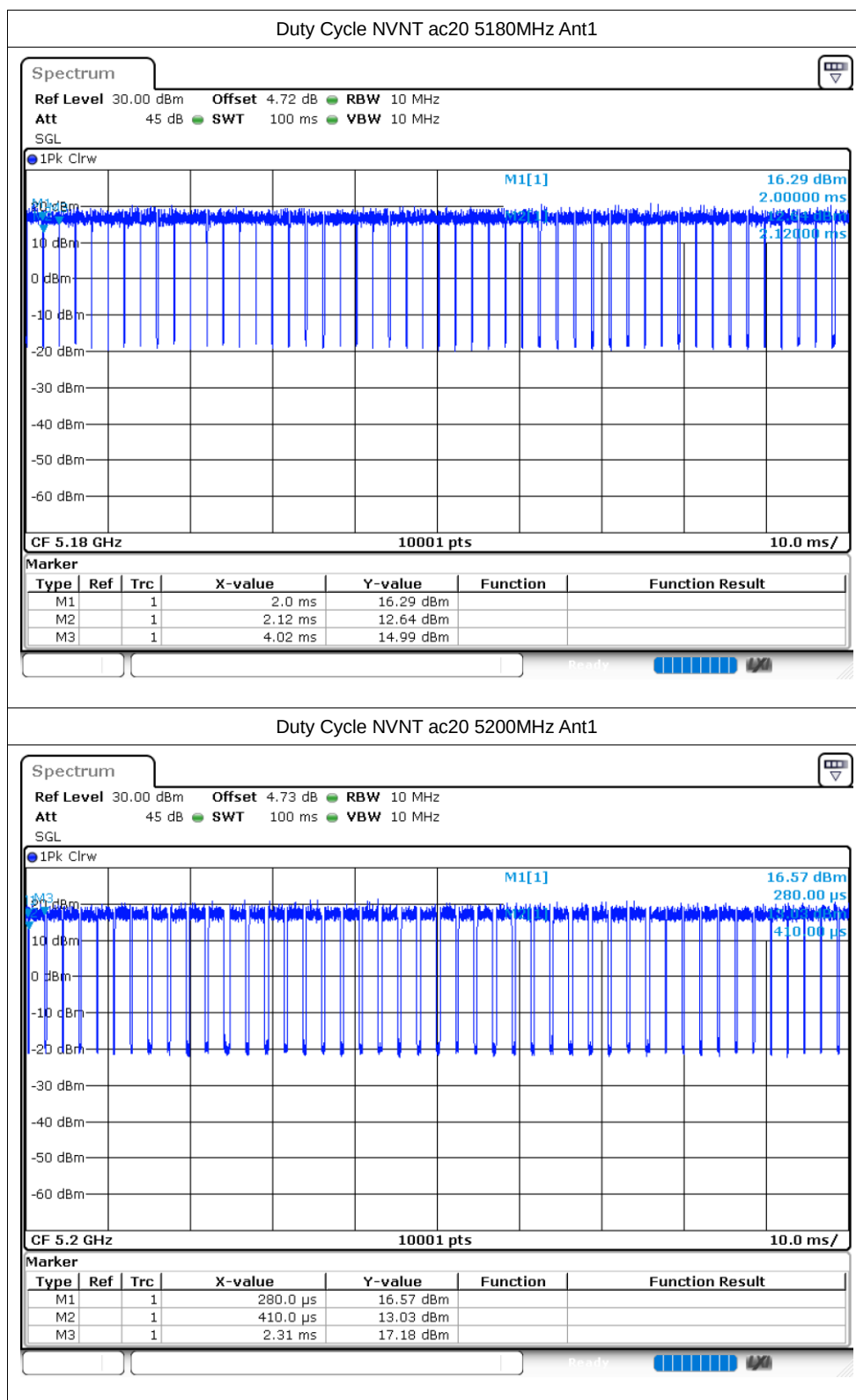
Duty Cycle NVNT a 5200MHz Ant1

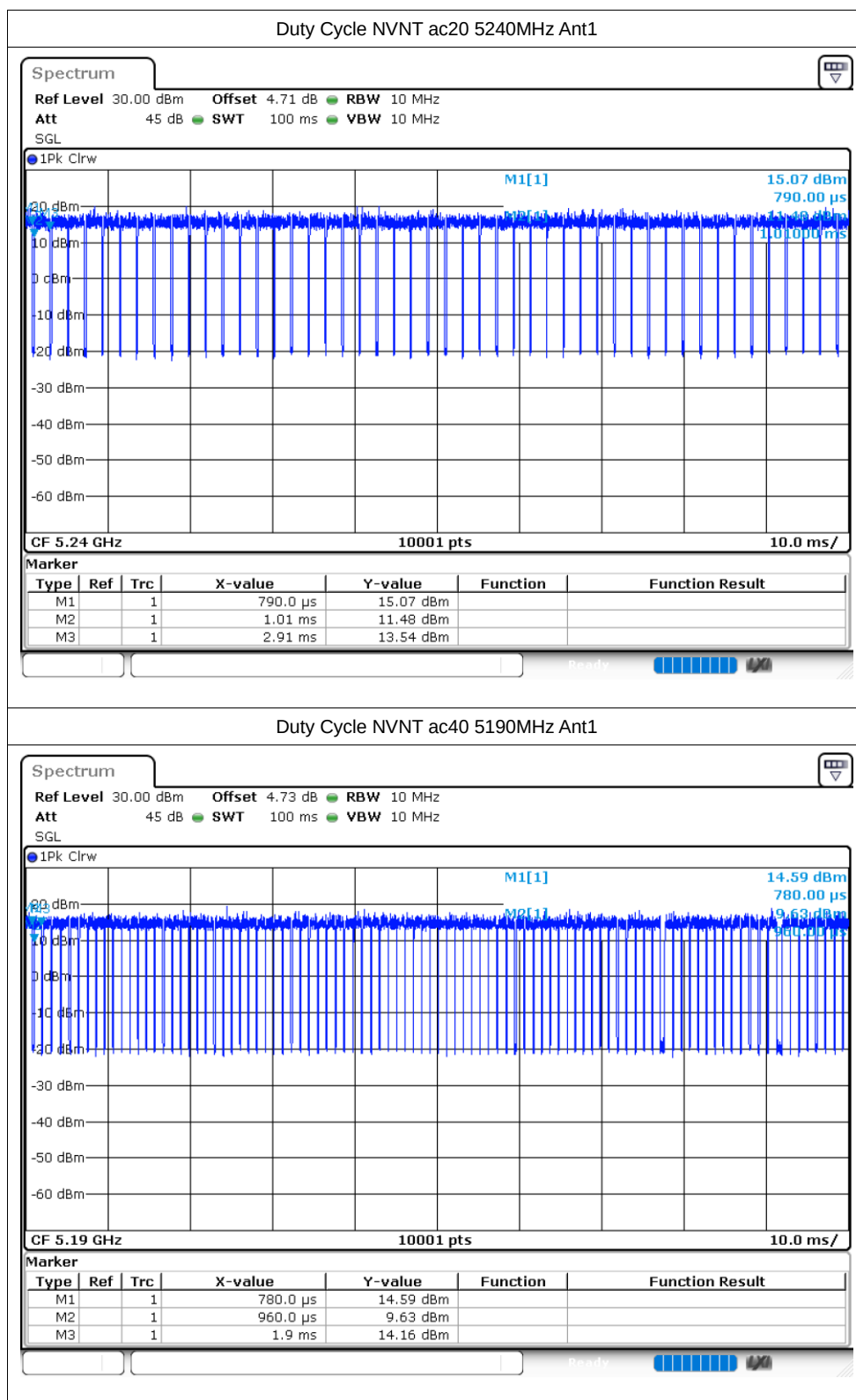


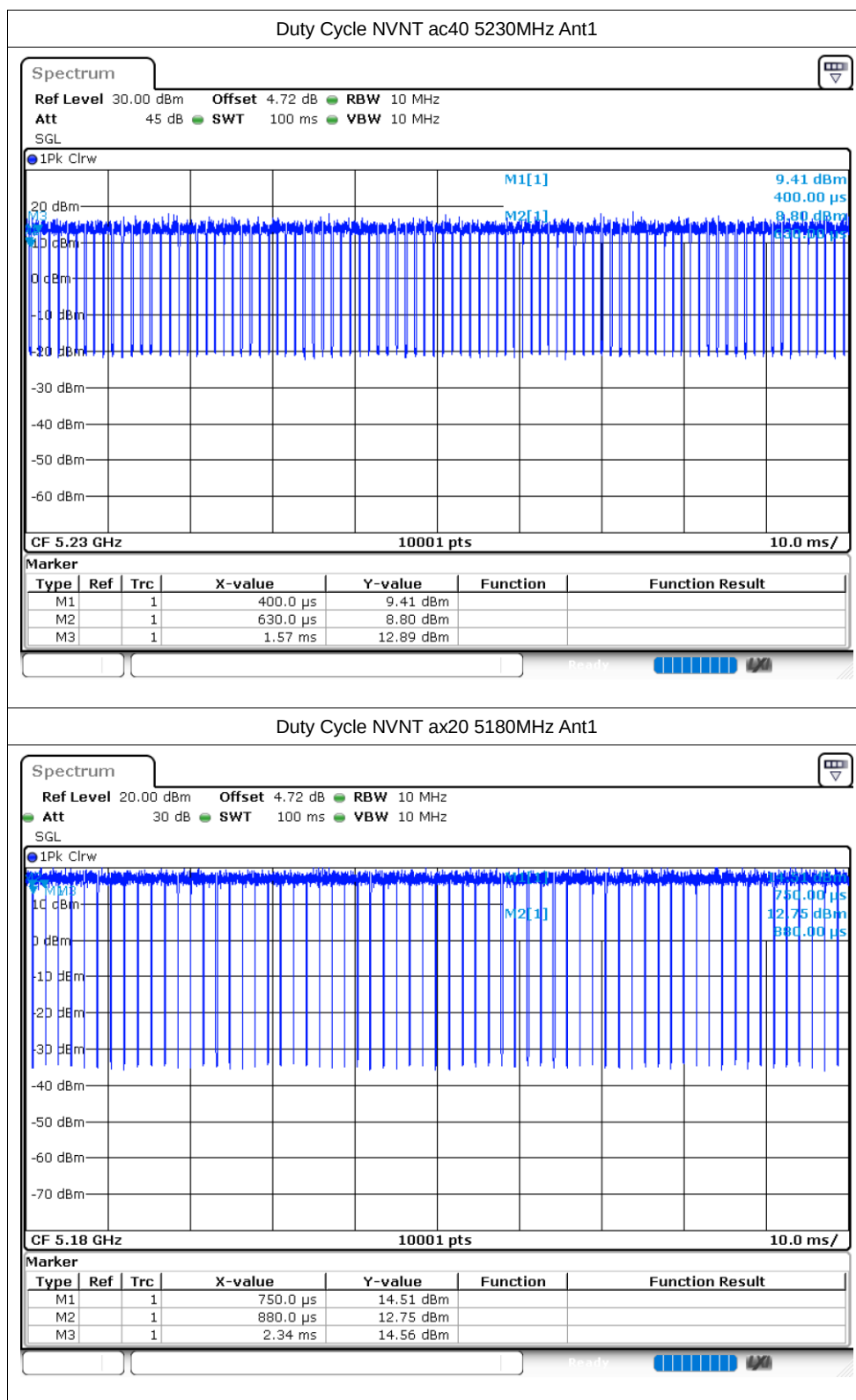


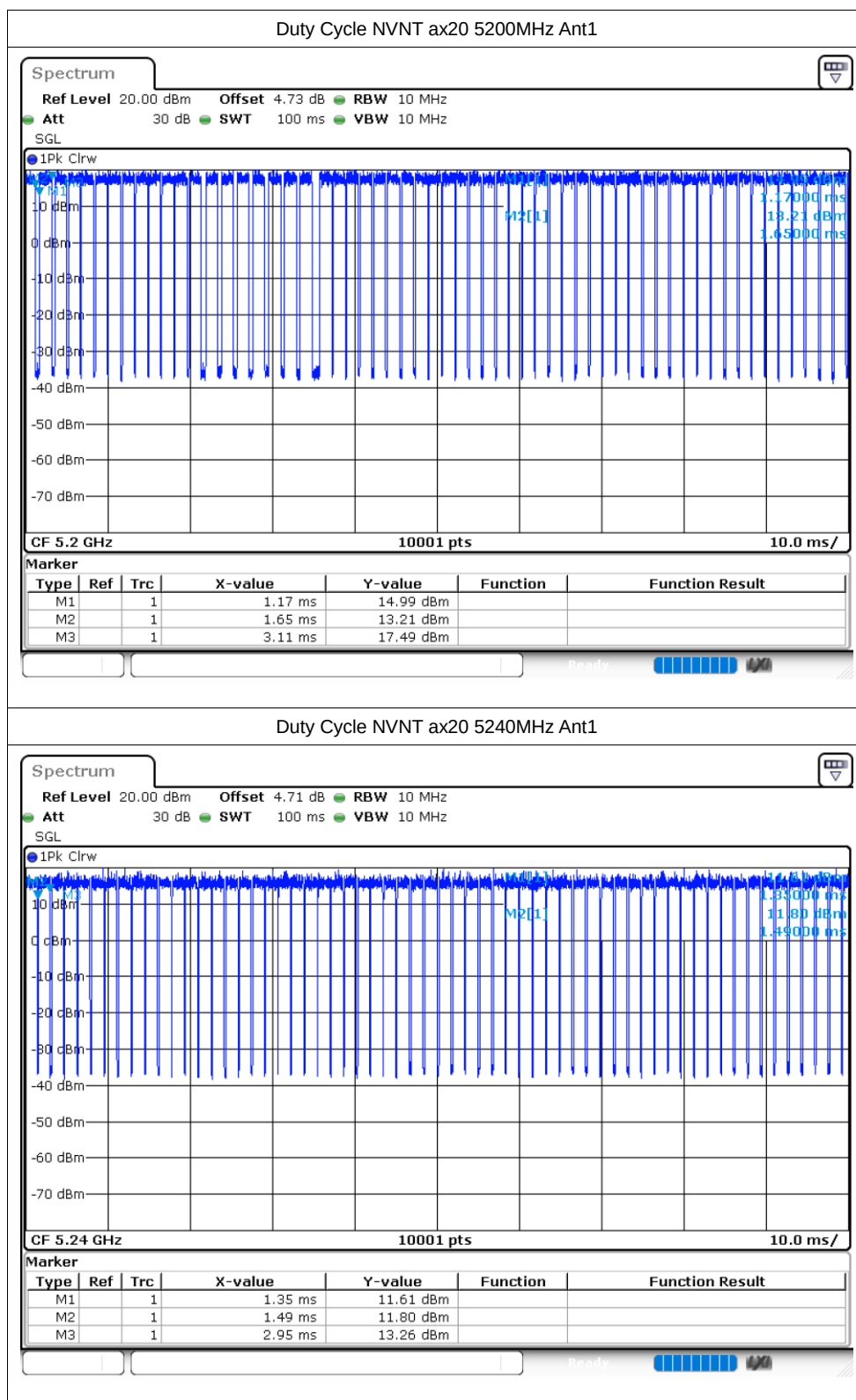


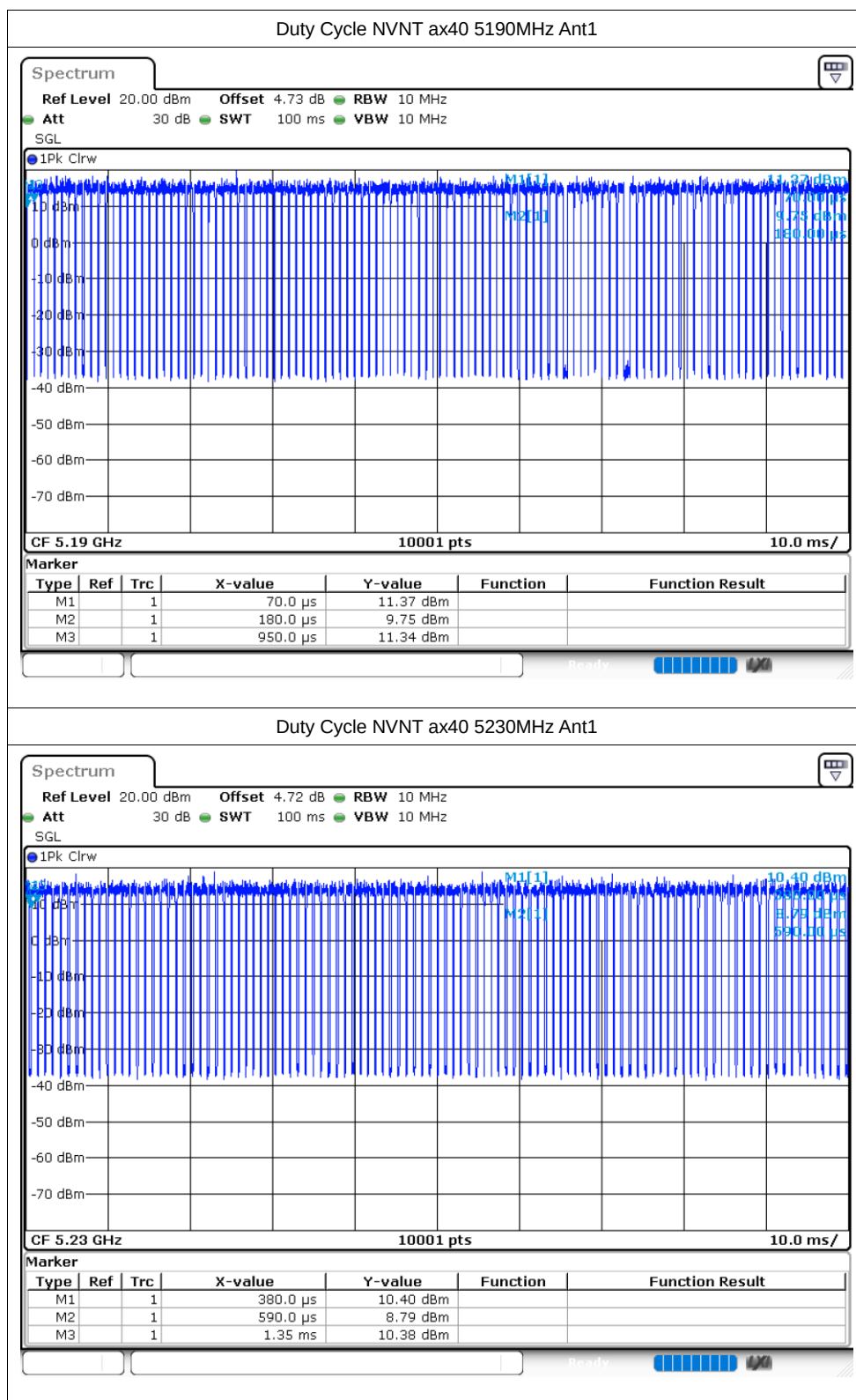












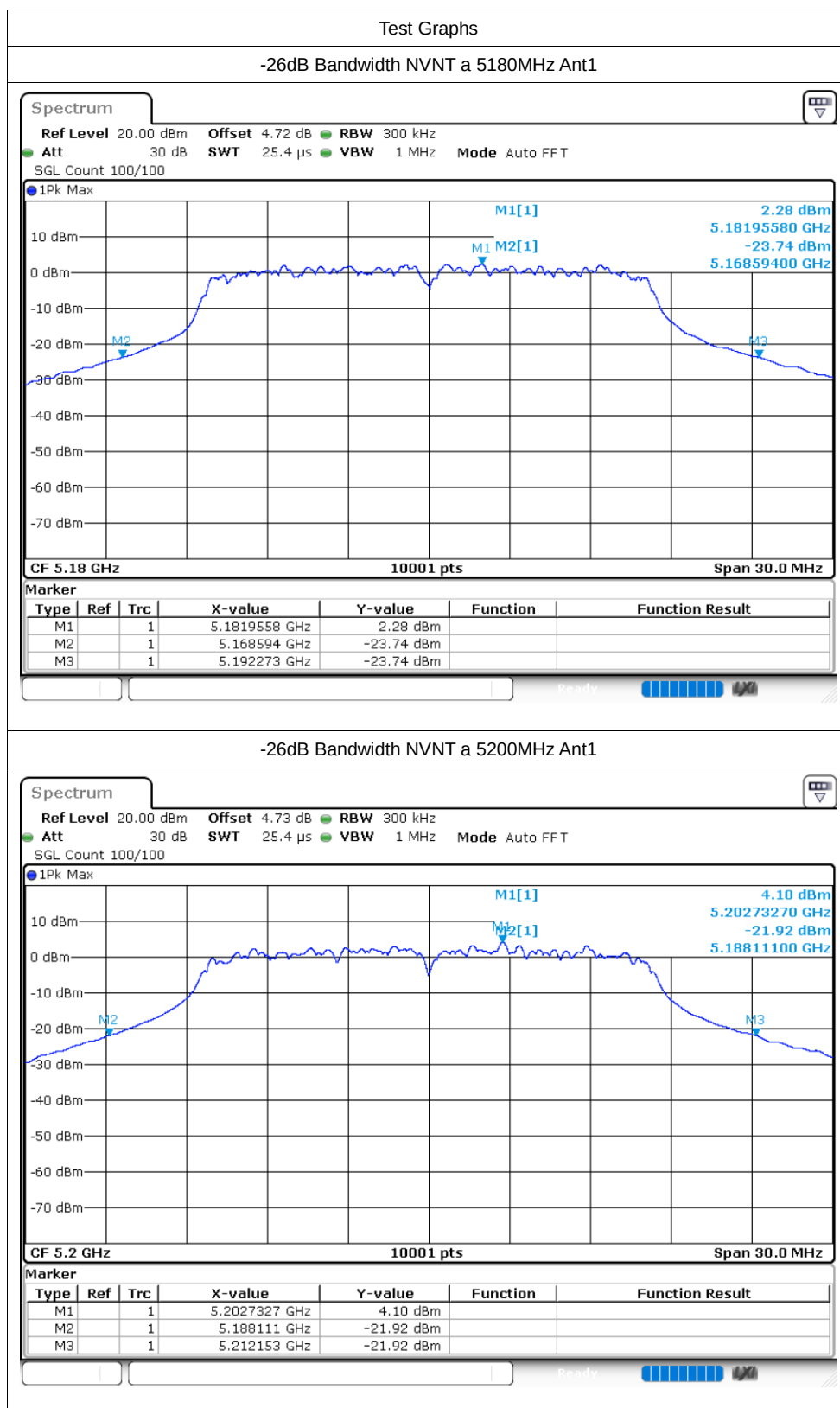
Maximum Conducted Output Power

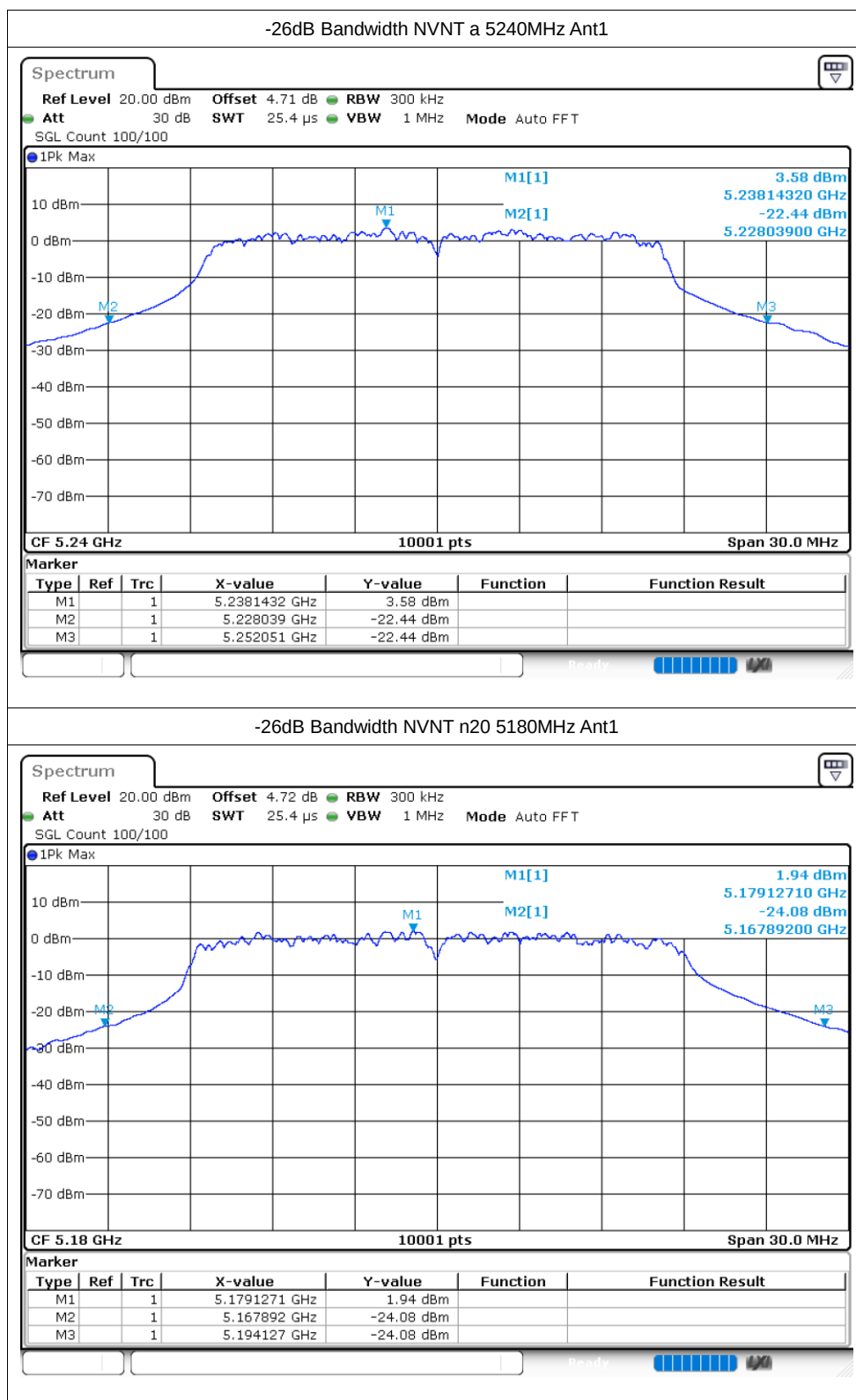
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.82	24	Pass
NVNT	a	5200	Ant1	12.77	24	Pass
NVNT	a	5240	Ant1	13.25	24	Pass
NVNT	n20	5180	Ant1	11.66	24	Pass
NVNT	n20	5200	Ant1	12.56	24	Pass
NVNT	n20	5240	Ant1	11.12	24	Pass
NVNT	n40	5190	Ant1	12.13	24	Pass
NVNT	n40	5230	Ant1	12.09	24	Pass
NVNT	ac20	5180	Ant1	11.96	24	Pass
NVNT	ac20	5200	Ant1	12.28	24	Pass
NVNT	ac20	5240	Ant1	11.19	24	Pass
NVNT	ac40	5190	Ant1	12.29	24	Pass
NVNT	ac40	5230	Ant1	12.03	24	Pass
NVNT	ax20	5180	Ant1	11.9	24	Pass
NVNT	ax20	5200	Ant1	12.57	24	Pass
NVNT	ax20	5240	Ant1	11.17	24	Pass
NVNT	ax40	5190	Ant1	12.03	24	Pass
NVNT	ax40	5230	Ant1	11.94	24	Pass

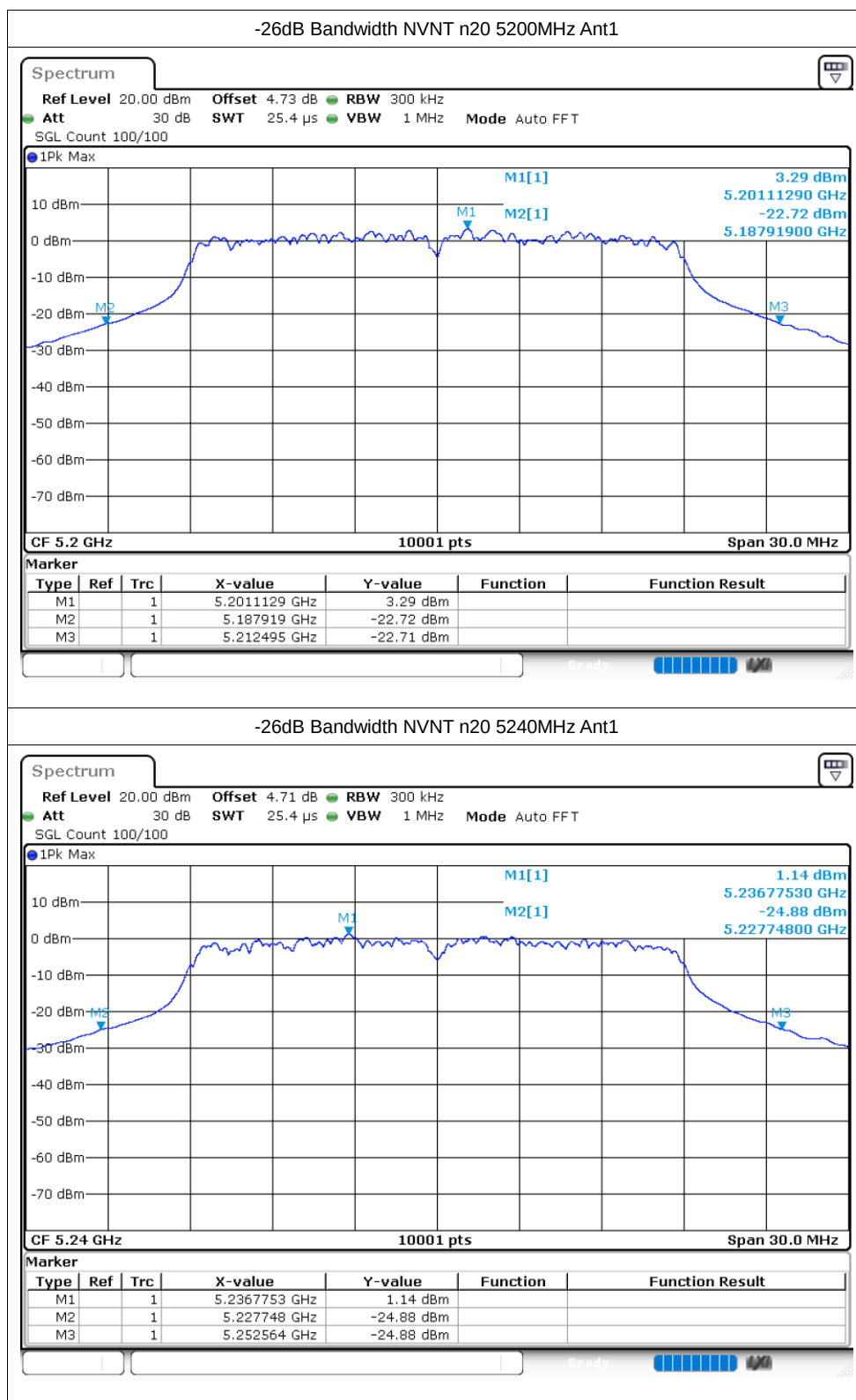
Note: The average power value already includes the duty cycle factor.

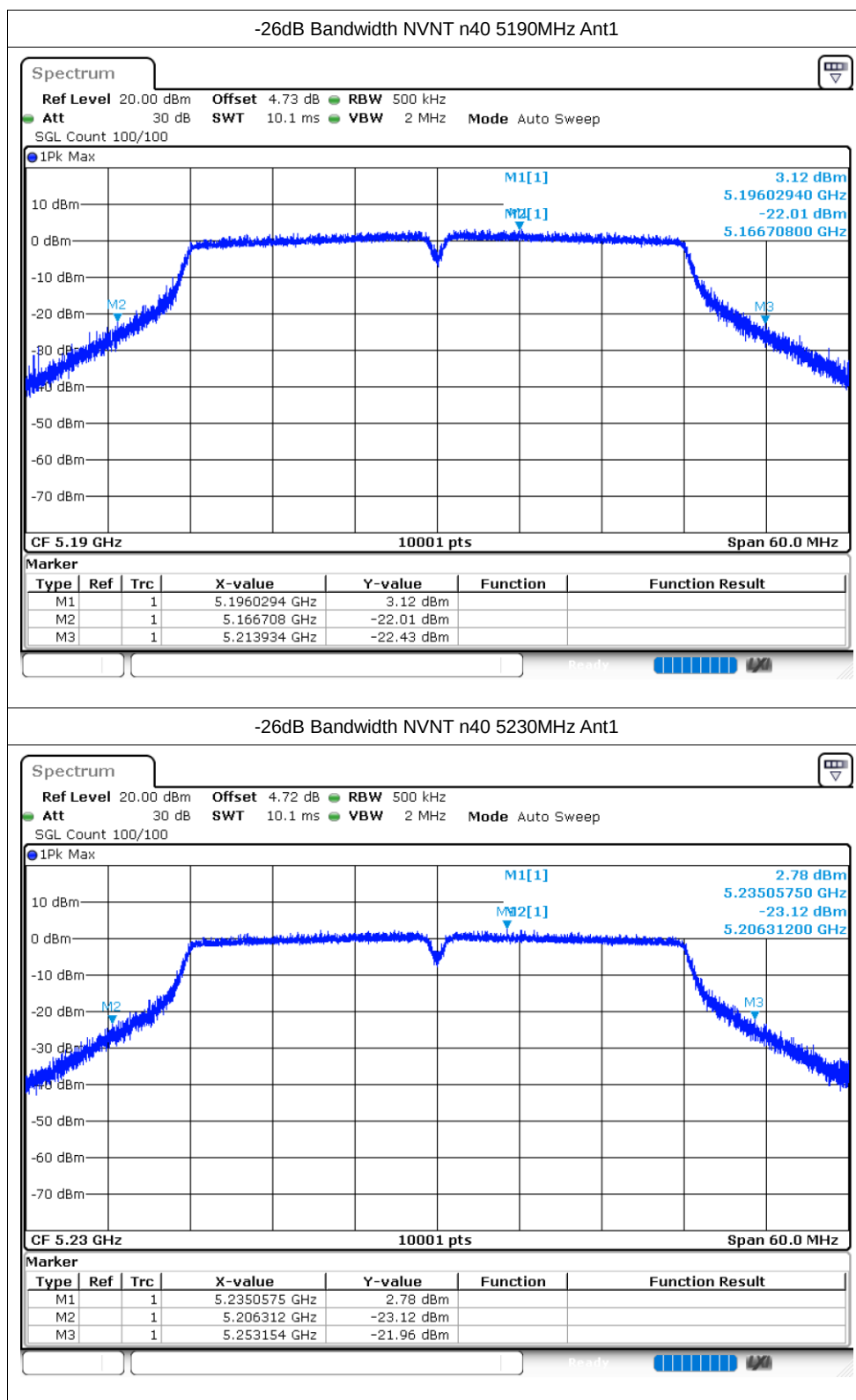
-26dB Bandwidth

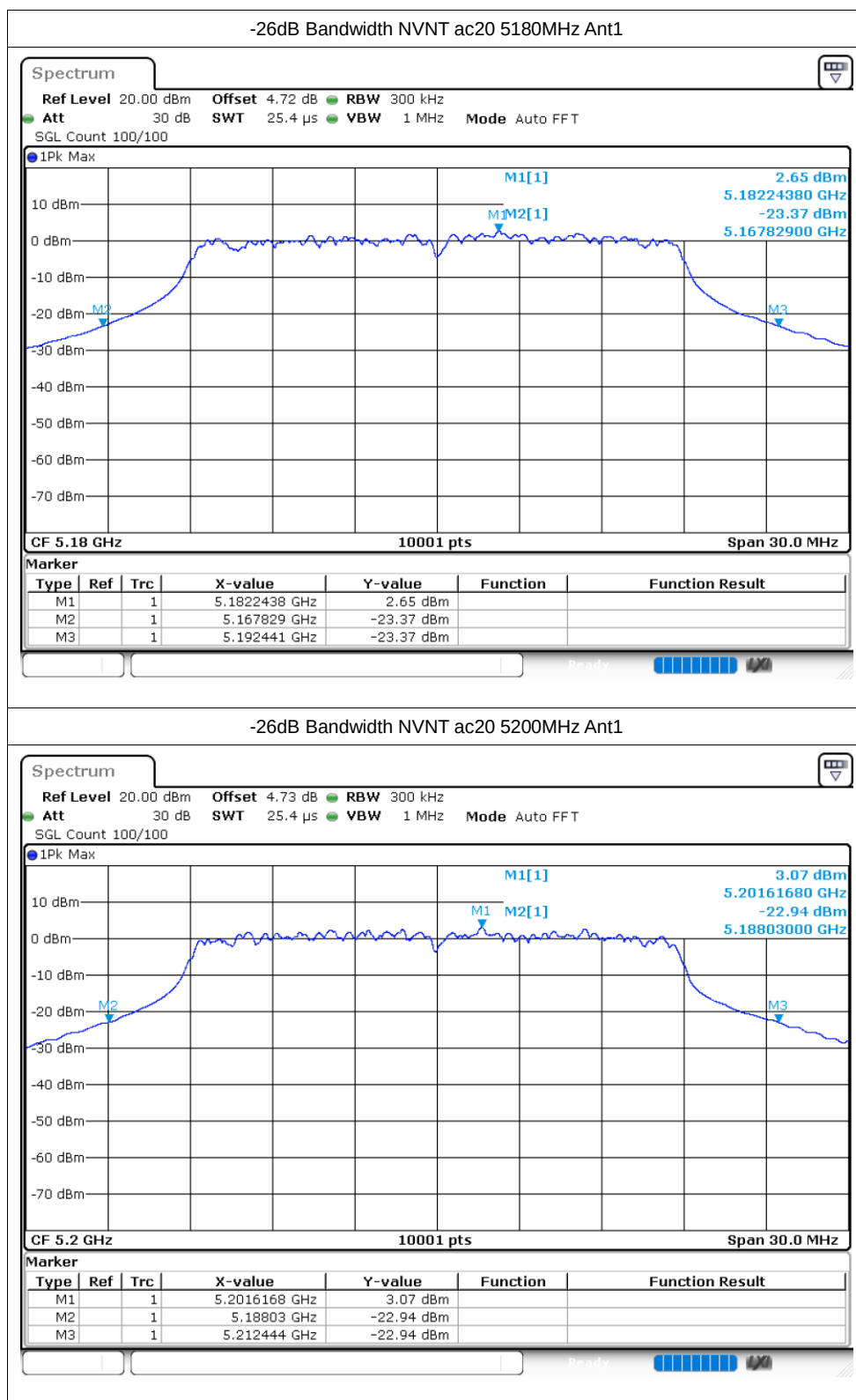
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.679	Pass
NVNT	a	5200	Ant1	24.042	Pass
NVNT	a	5240	Ant1	24.012	Pass
NVNT	n20	5180	Ant1	26.235	Pass
NVNT	n20	5200	Ant1	24.576	Pass
NVNT	n20	5240	Ant1	24.816	Pass
NVNT	n40	5190	Ant1	47.226	Pass
NVNT	n40	5230	Ant1	46.842	Pass
NVNT	ac20	5180	Ant1	24.612	Pass
NVNT	ac20	5200	Ant1	24.414	Pass
NVNT	ac20	5240	Ant1	24.723	Pass
NVNT	ac40	5190	Ant1	47.85	Pass
NVNT	ac40	5230	Ant1	48.054	Pass
NVNT	ax20	5180	Ant1	21.78	Pass
NVNT	ax20	5200	Ant1	23.271	Pass
NVNT	ax20	5240	Ant1	21.75	Pass
NVNT	ax40	5190	Ant1	45.648	Pass
NVNT	ax40	5230	Ant1	45.294	Pass

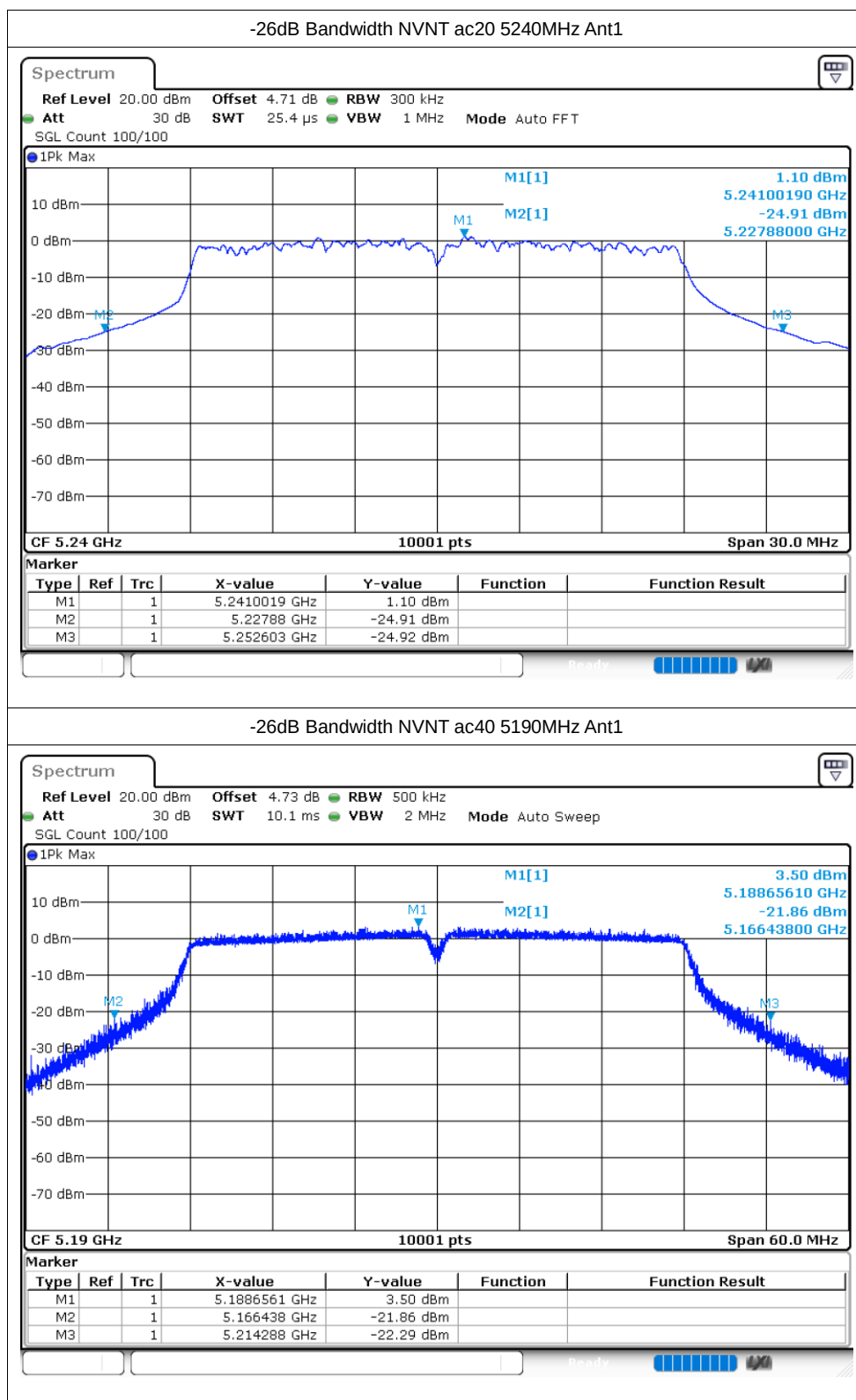


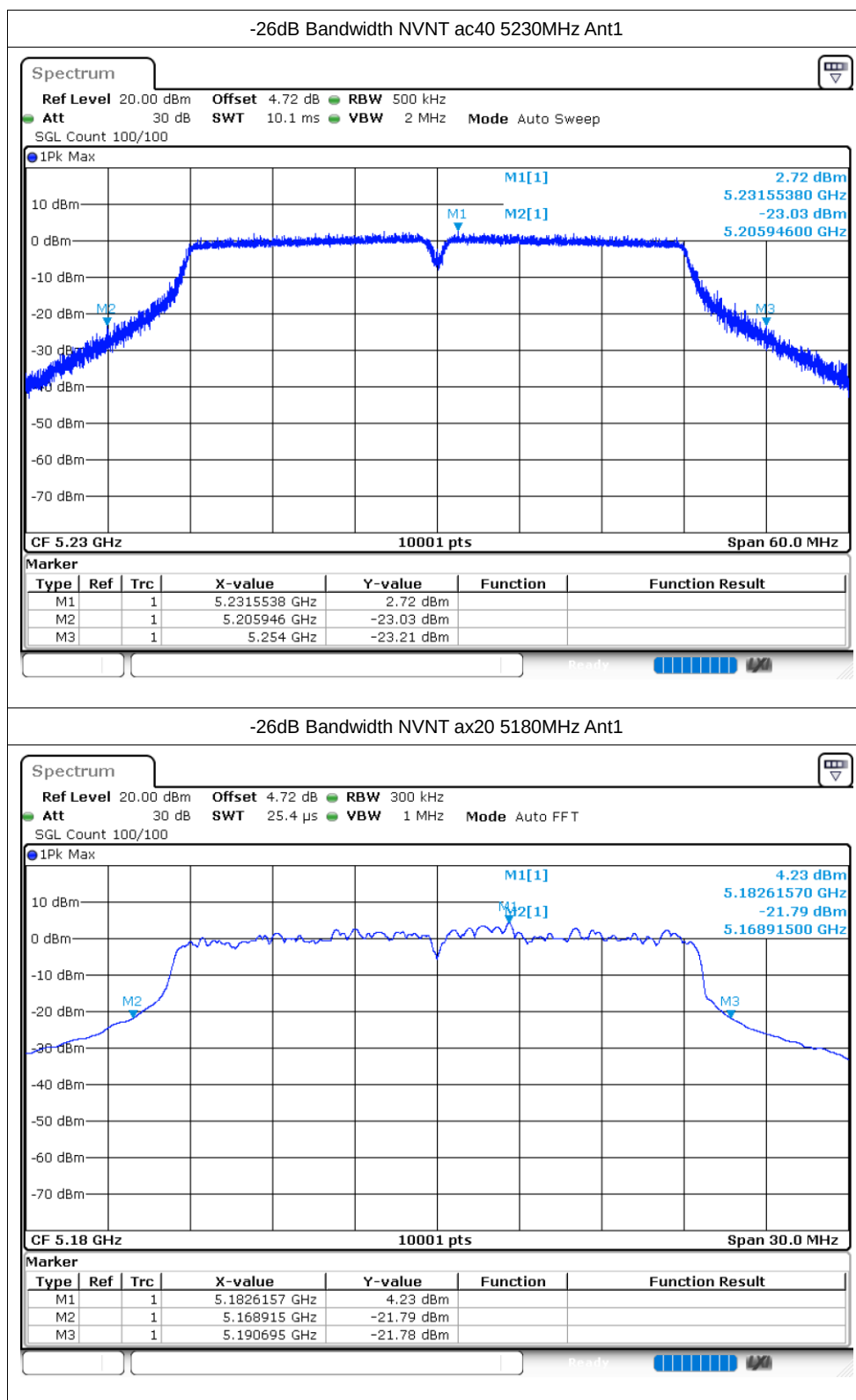


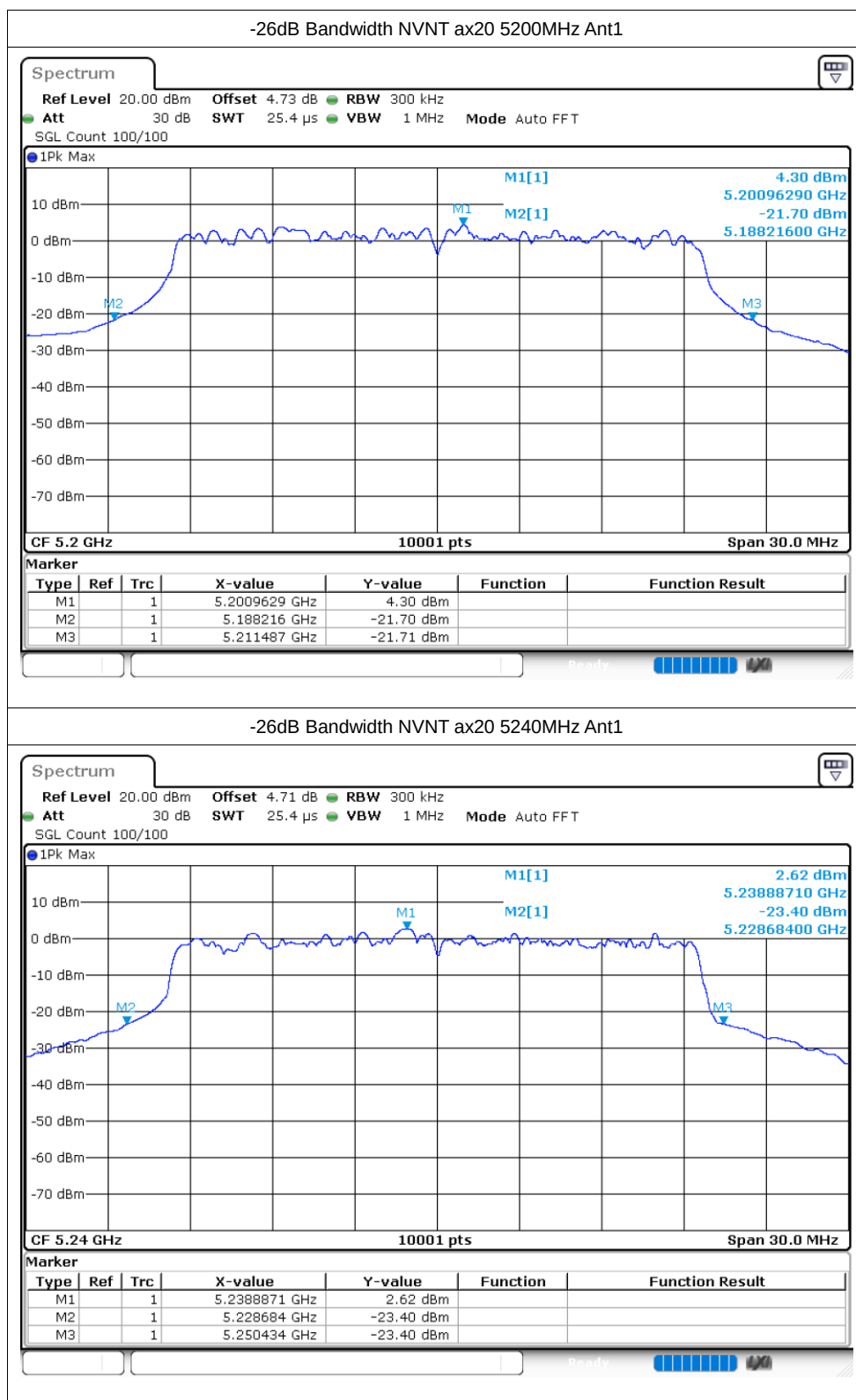


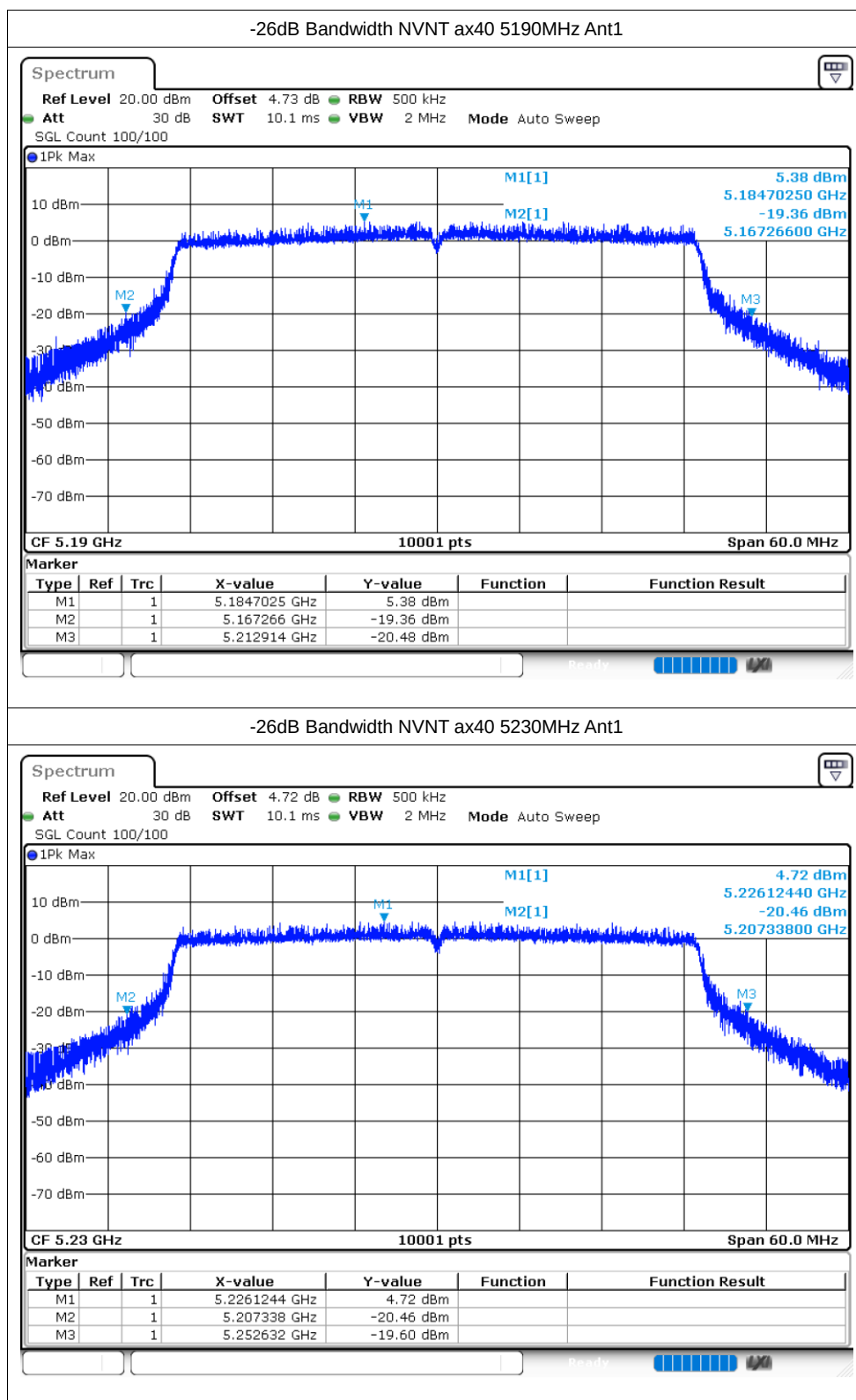










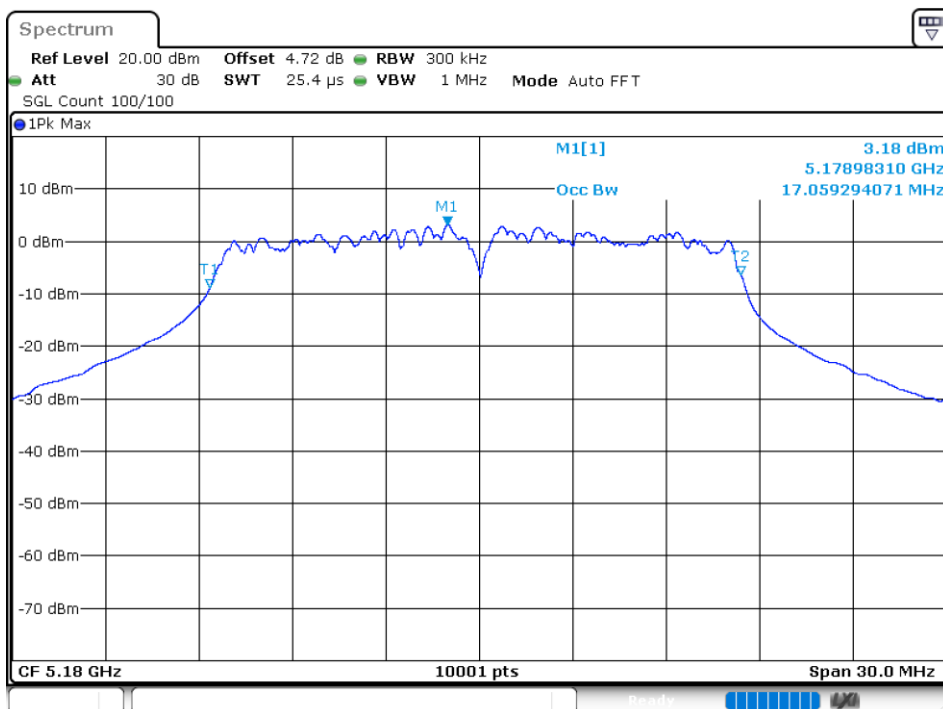


Occupied Channel Bandwidth

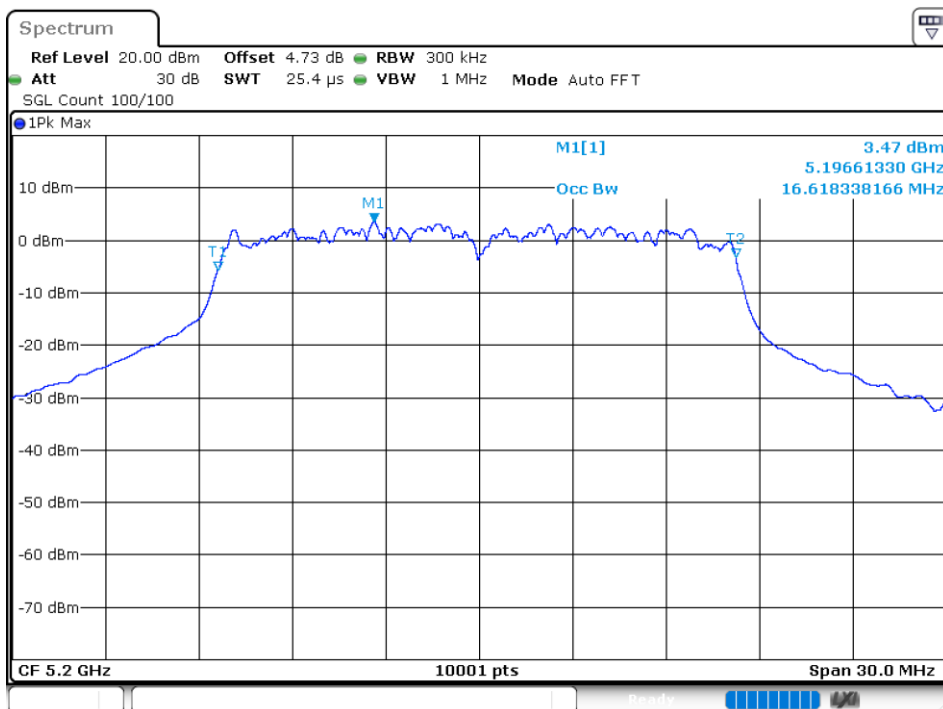
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.059
NVNT	a	5200	Ant1	16.618
NVNT	a	5240	Ant1	16.954
NVNT	n20	5180	Ant1	18.061
NVNT	n20	5200	Ant1	17.815
NVNT	n20	5240	Ant1	17.887
NVNT	n40	5190	Ant1	36.524
NVNT	n40	5230	Ant1	36.596
NVNT	ac20	5180	Ant1	18.088
NVNT	ac20	5200	Ant1	18.19
NVNT	ac20	5240	Ant1	18.349
NVNT	ac40	5190	Ant1	36.536
NVNT	ac40	5230	Ant1	36.614
NVNT	ax20	5180	Ant1	19.087
NVNT	ax20	5200	Ant1	19.186
NVNT	ax20	5240	Ant1	19.255
NVNT	ax40	5190	Ant1	37.88
NVNT	ax40	5230	Ant1	37.922

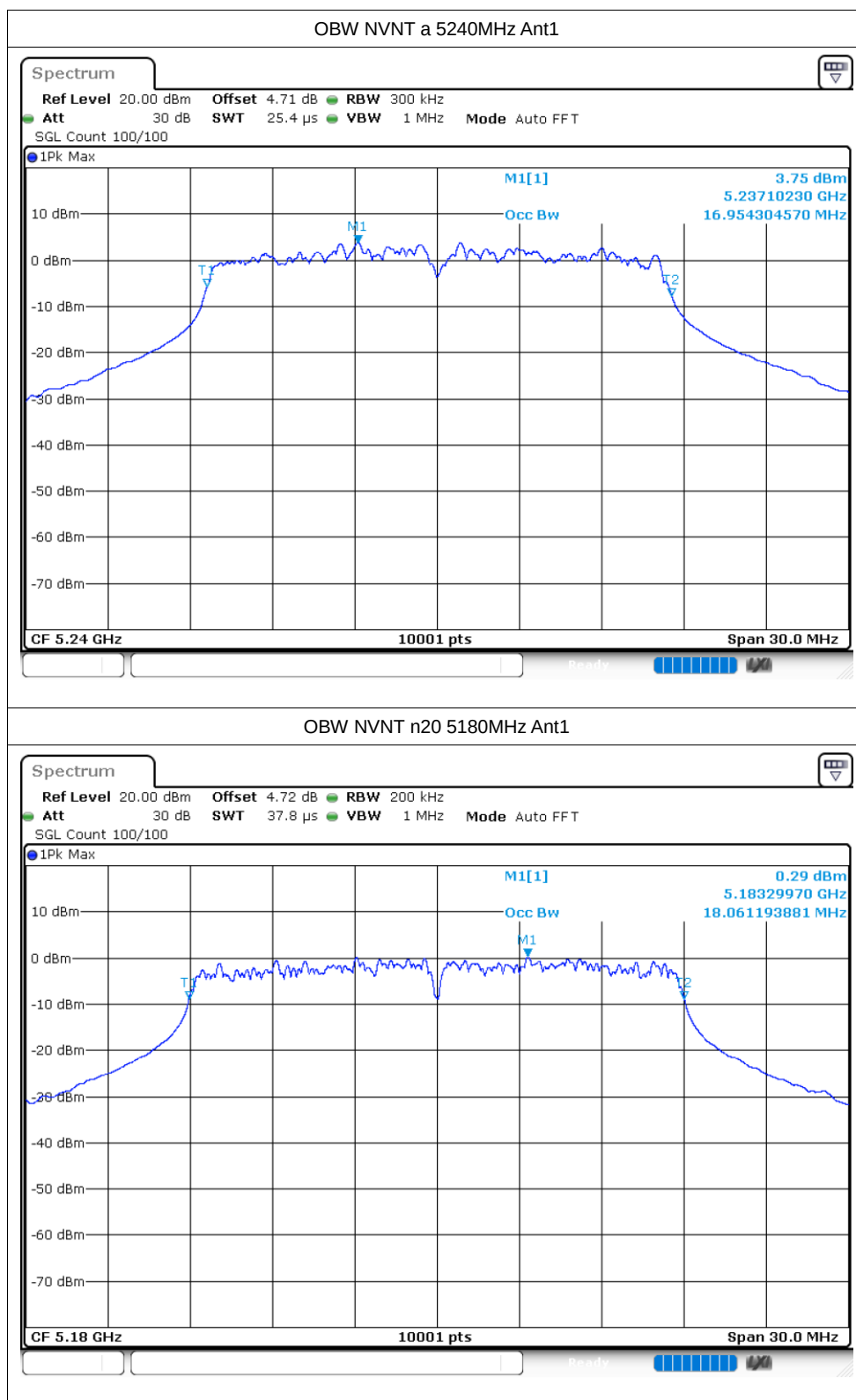
Test Graphs

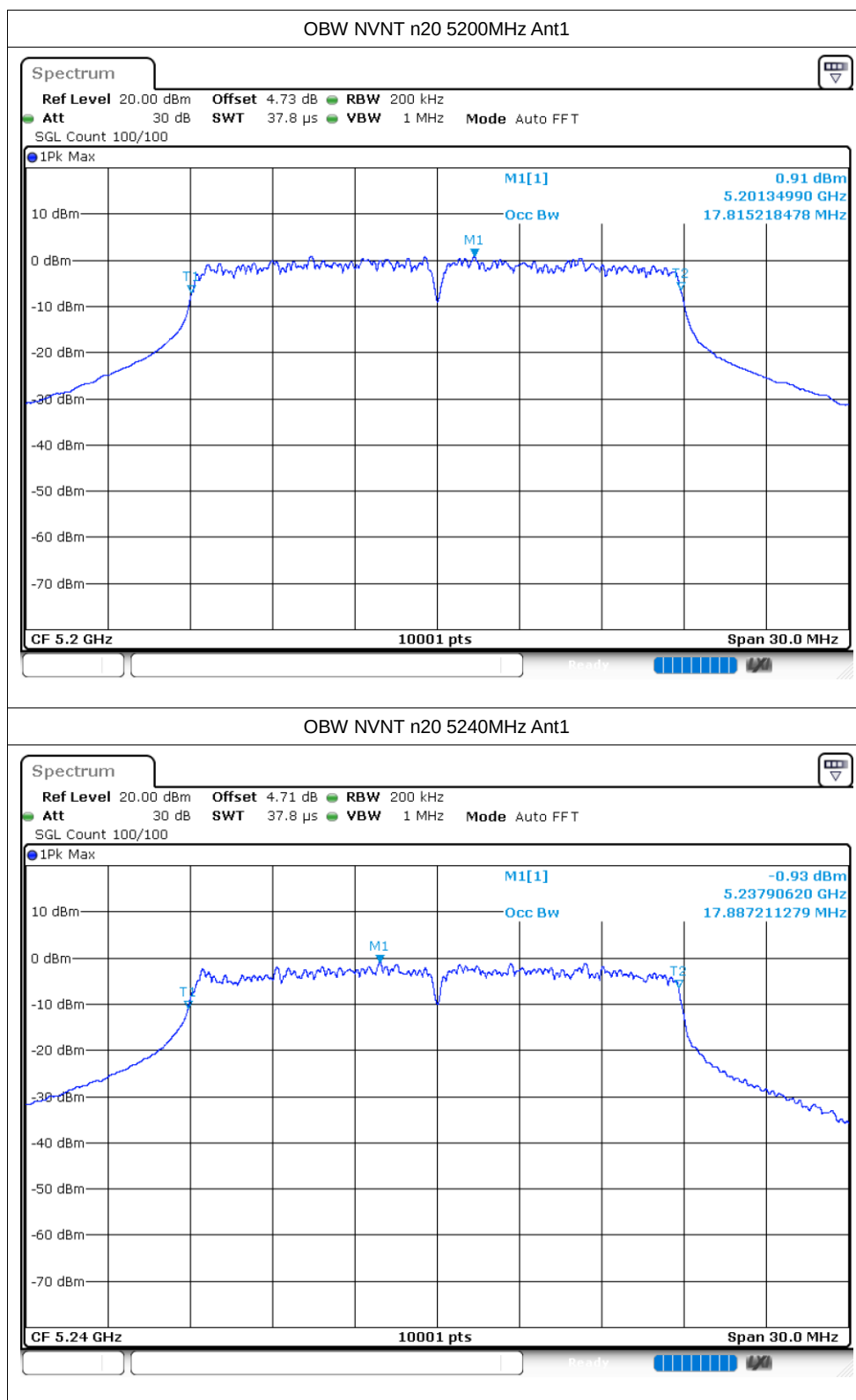
OBW NVNT a 5180MHz Ant1

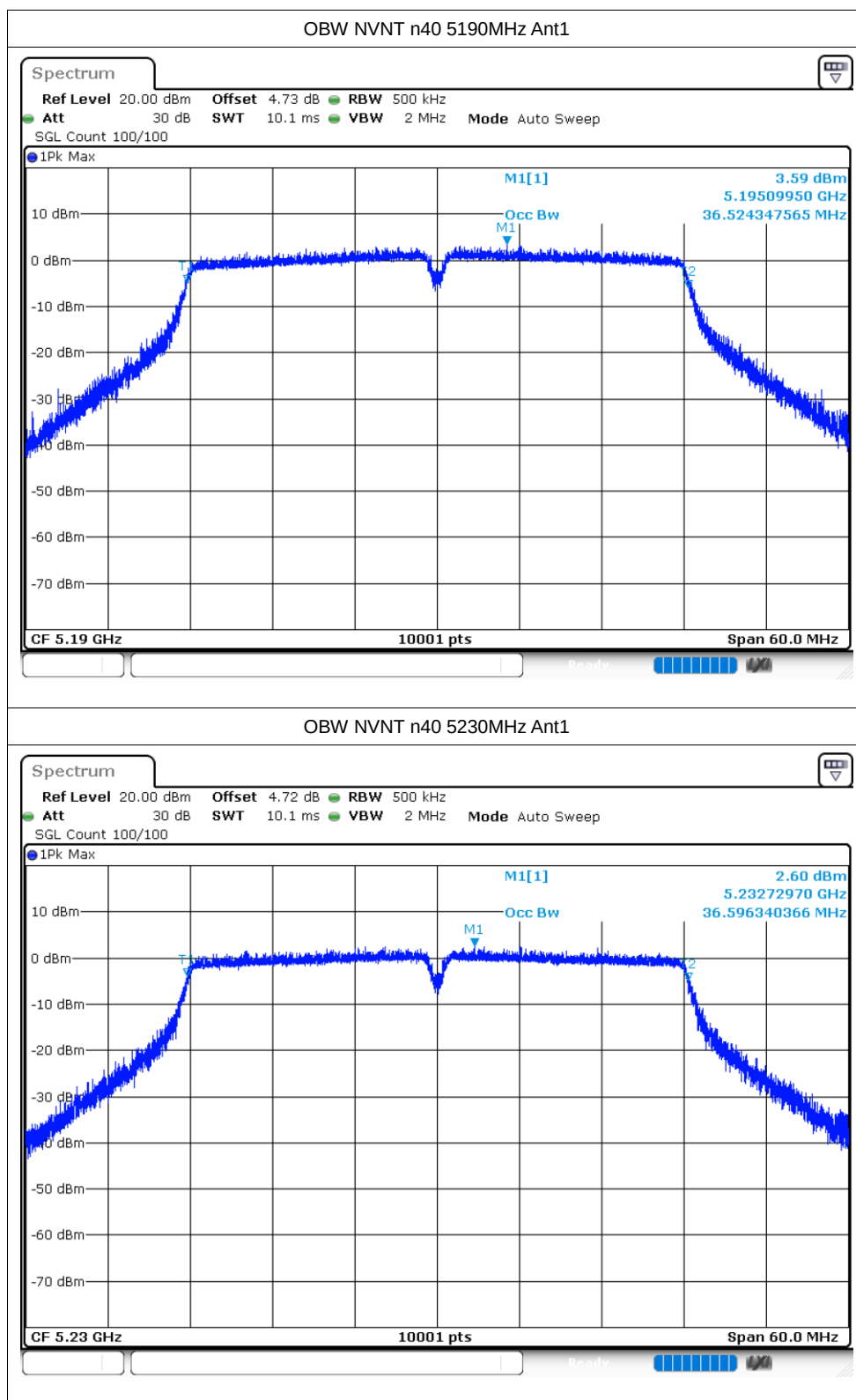


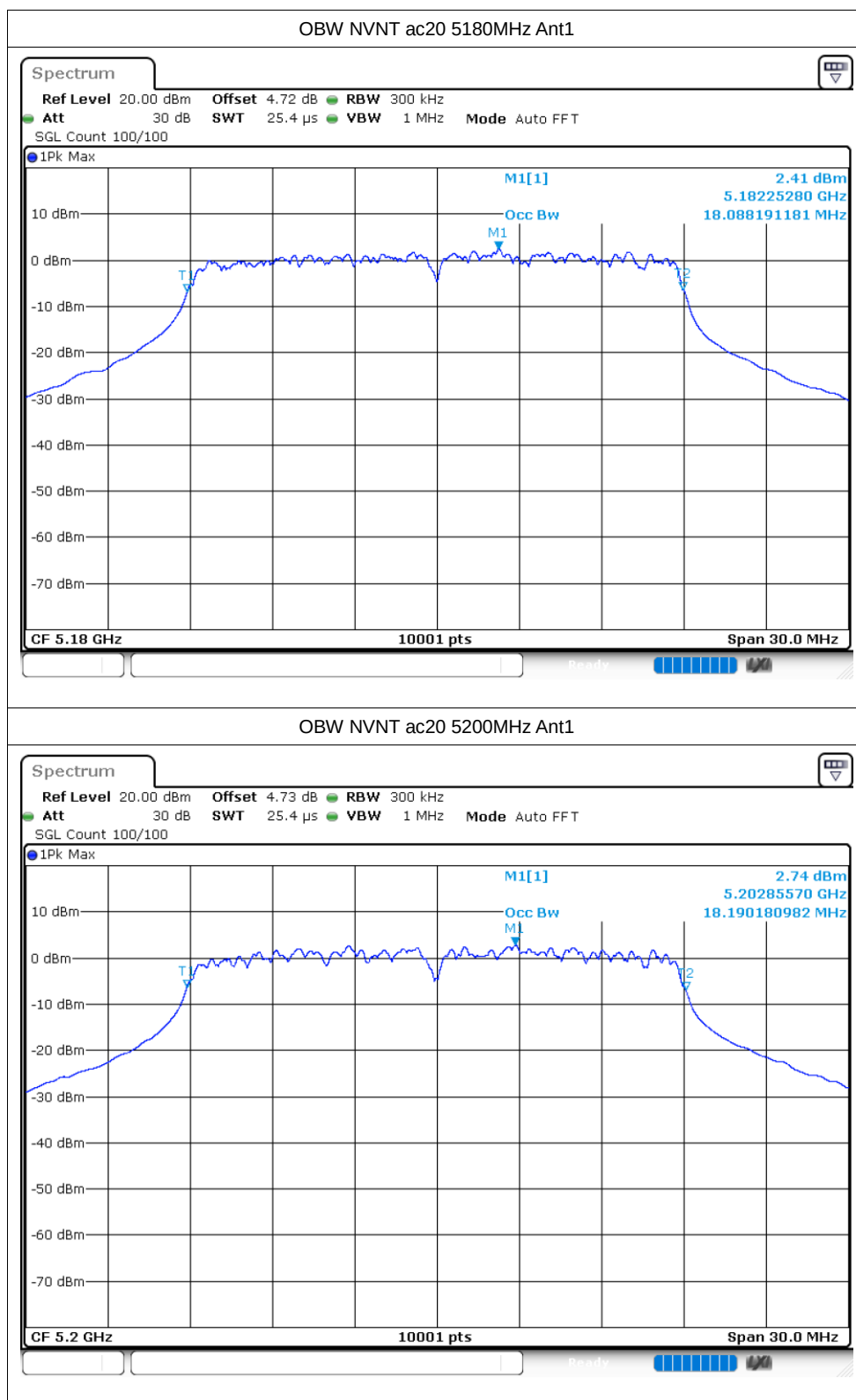
OBW NVNT a 5200MHz Ant1

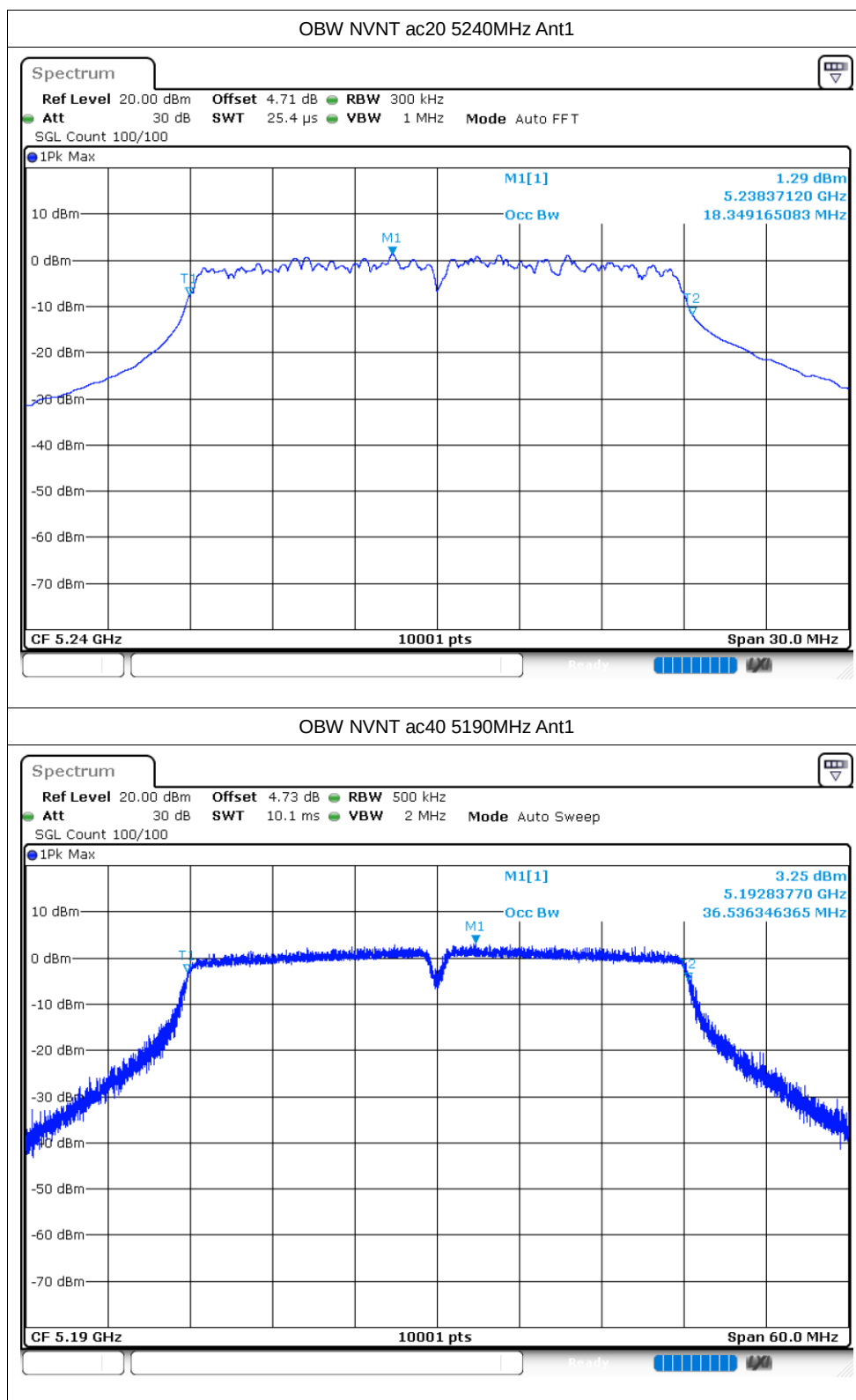


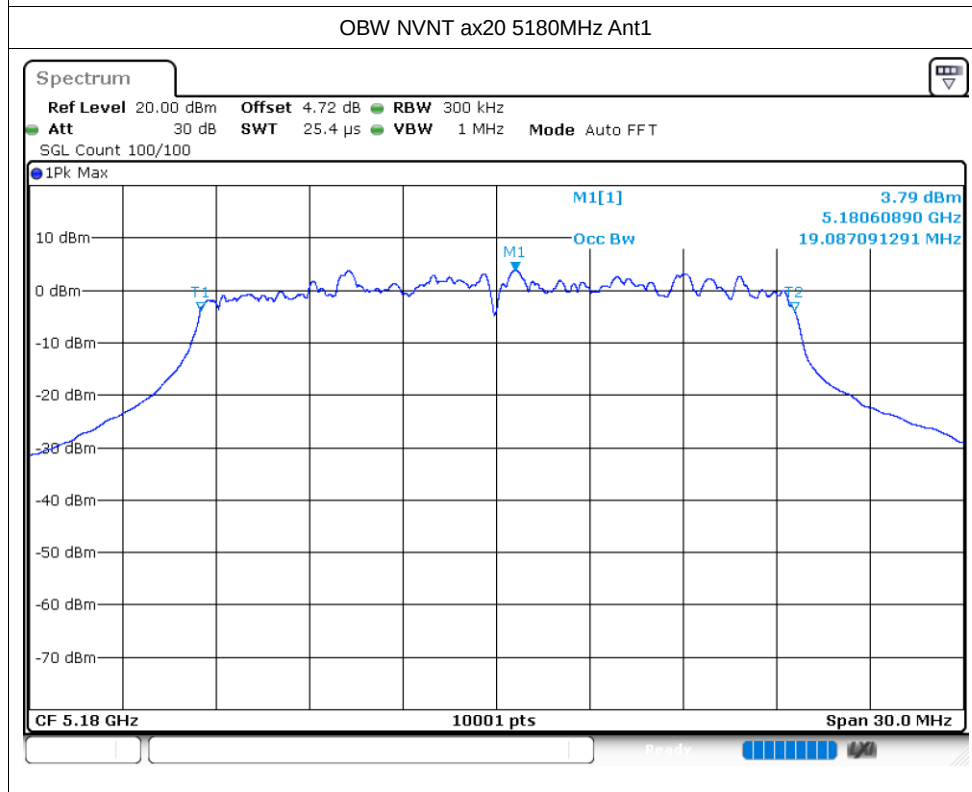


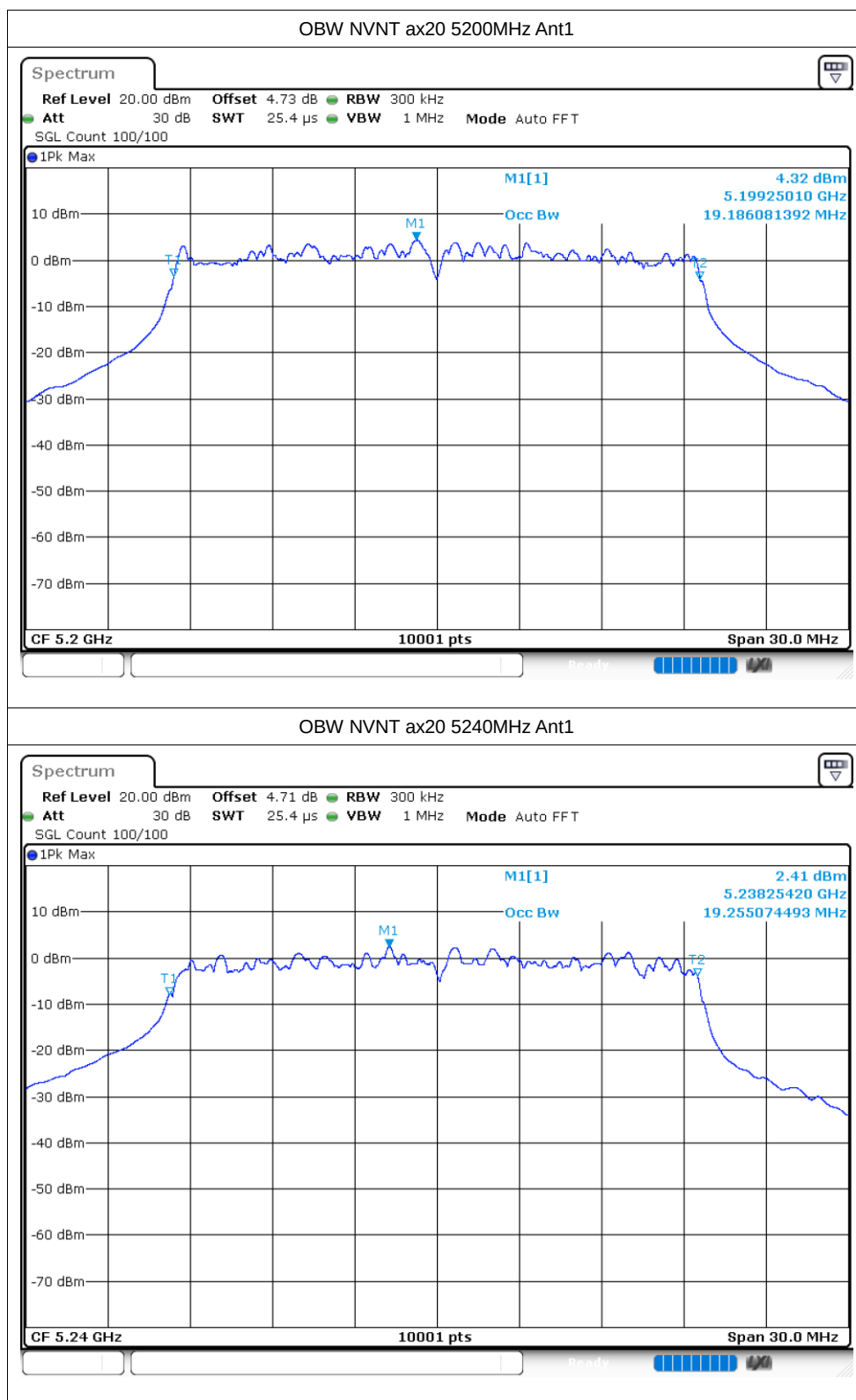


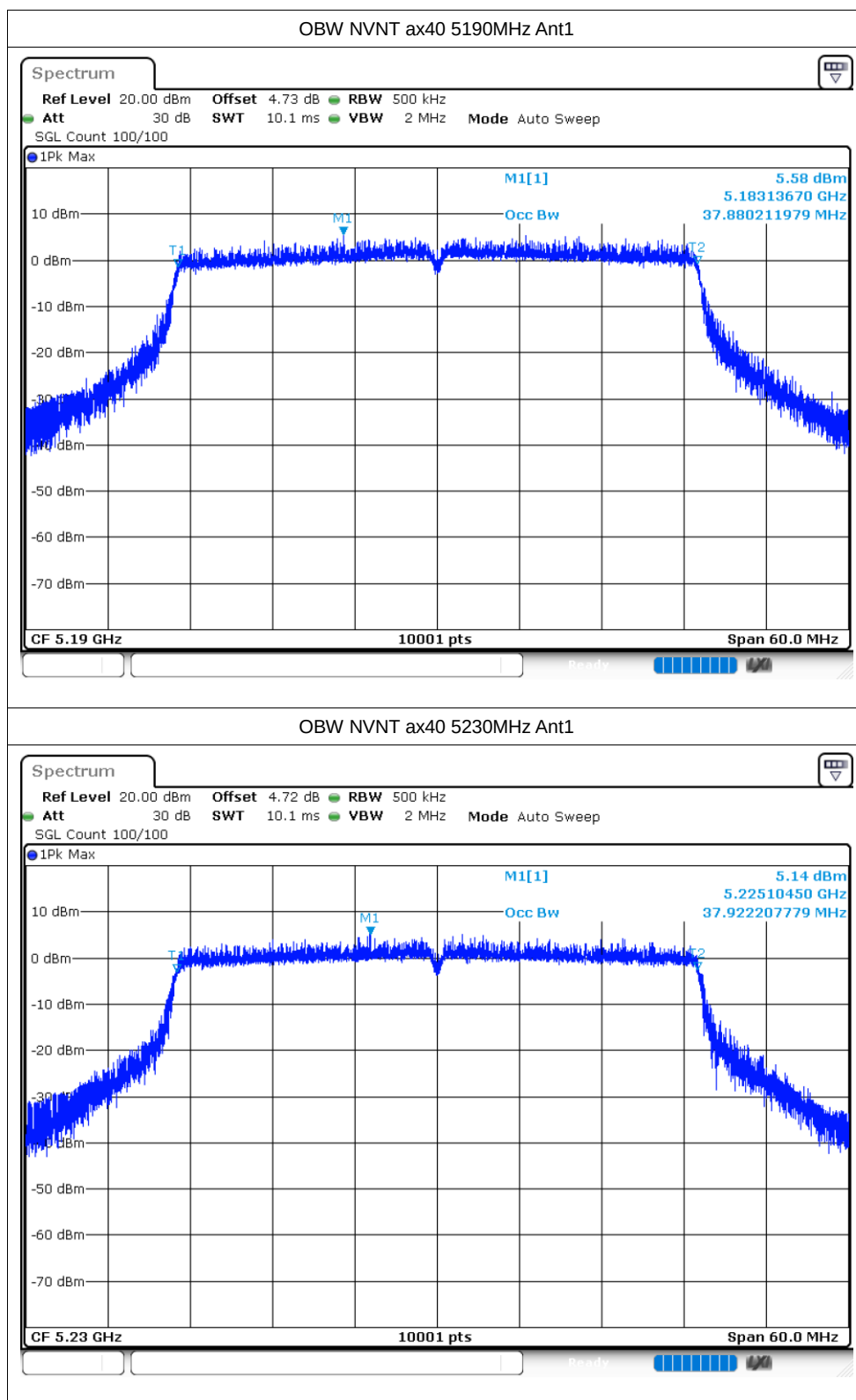






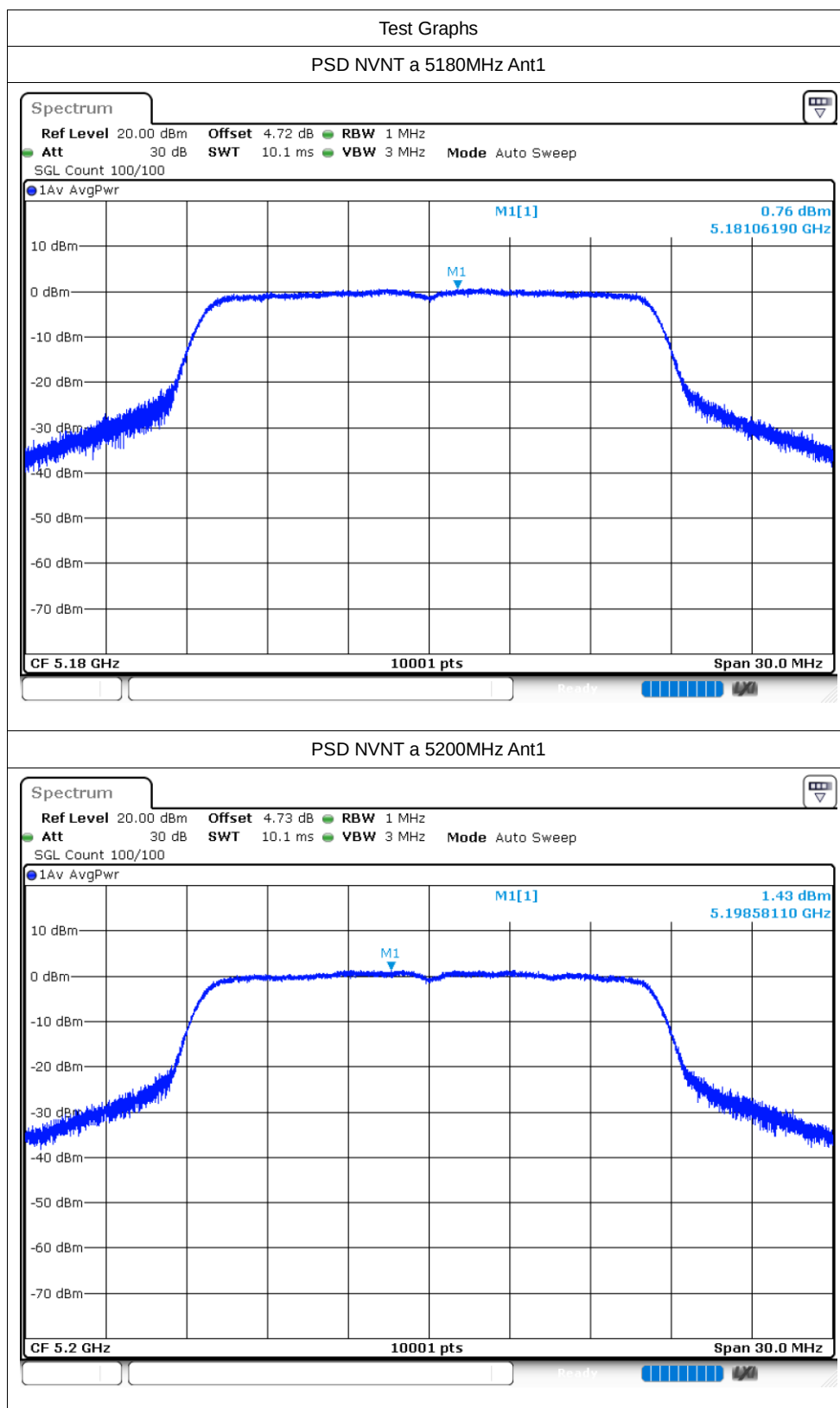


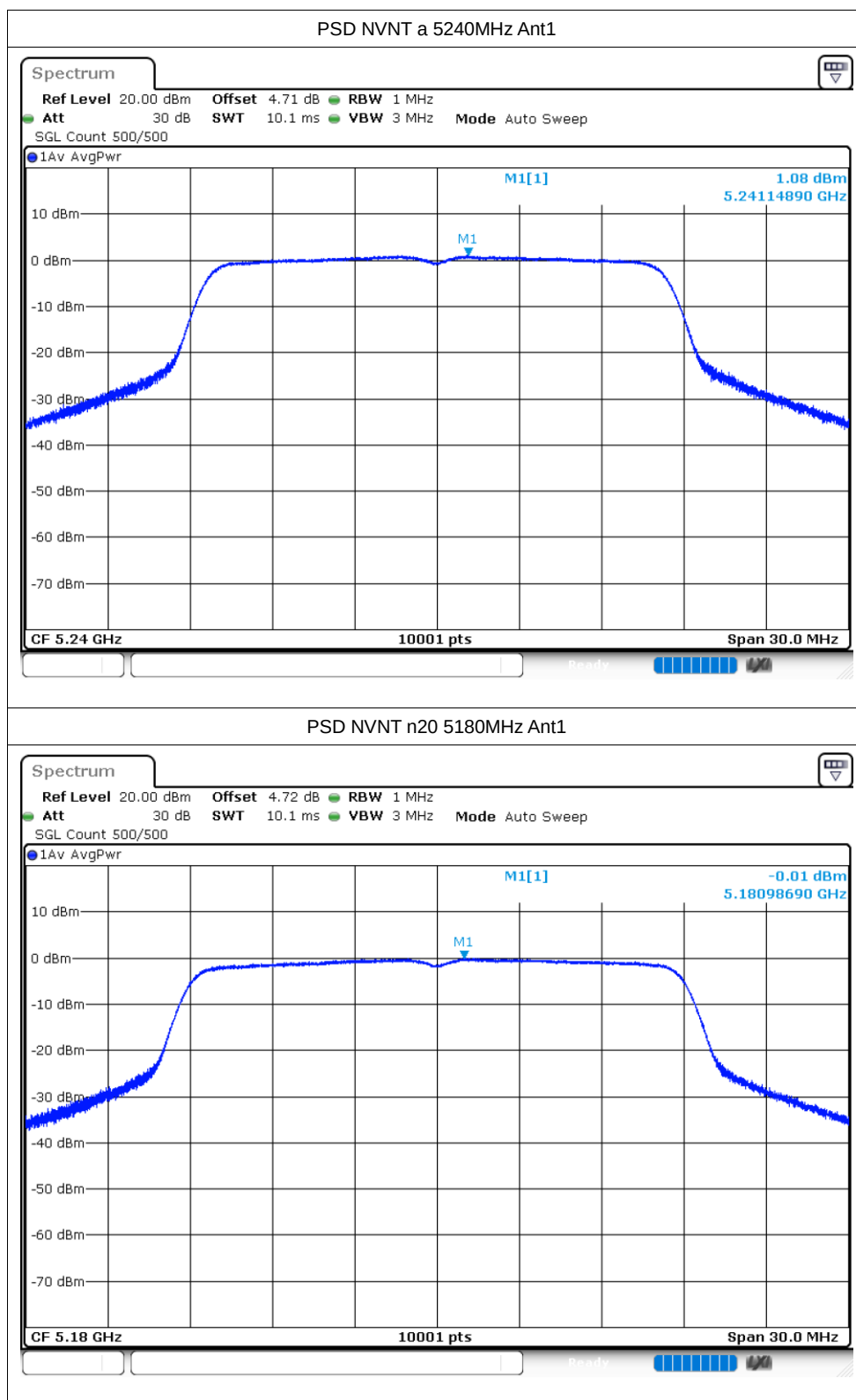


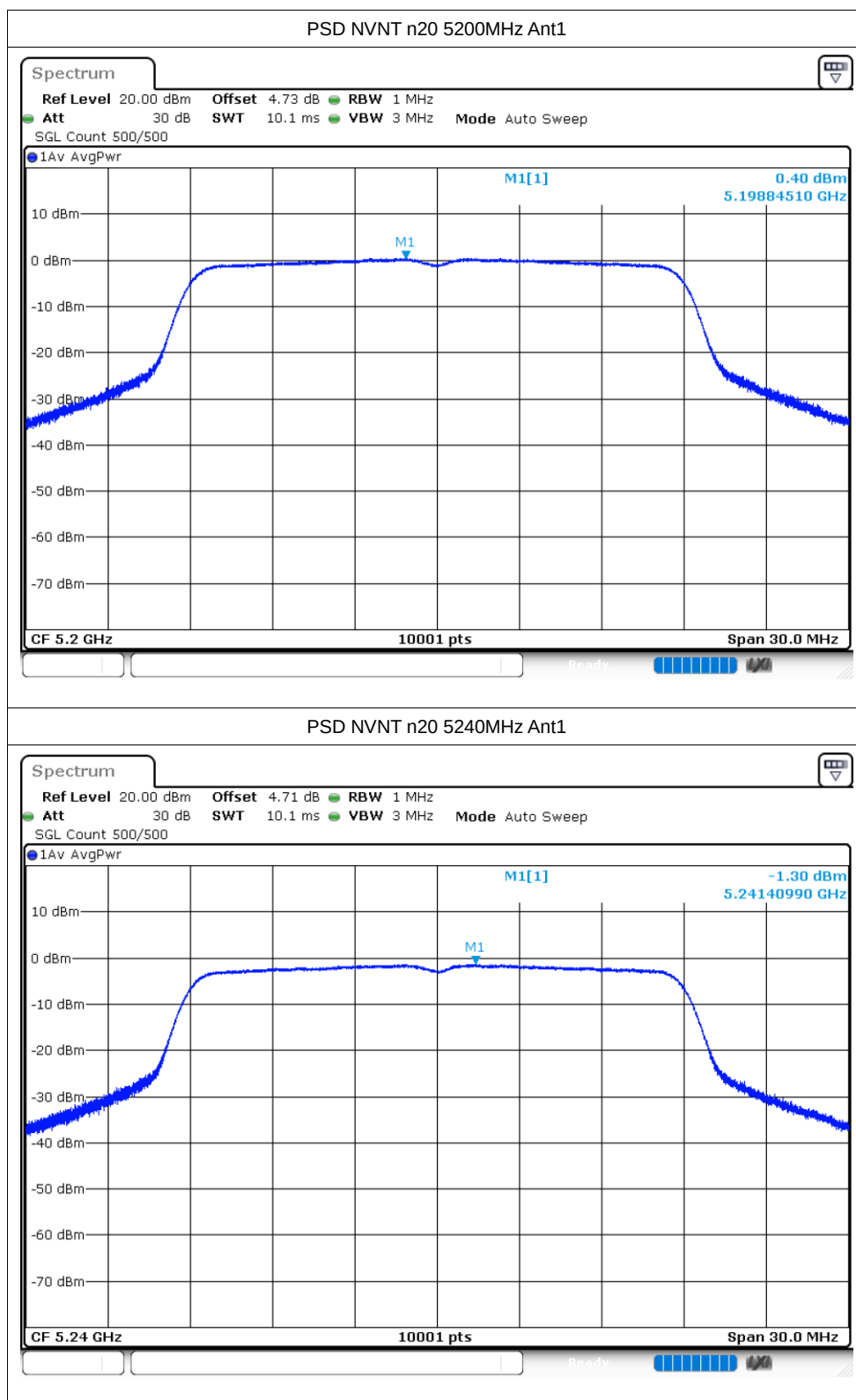


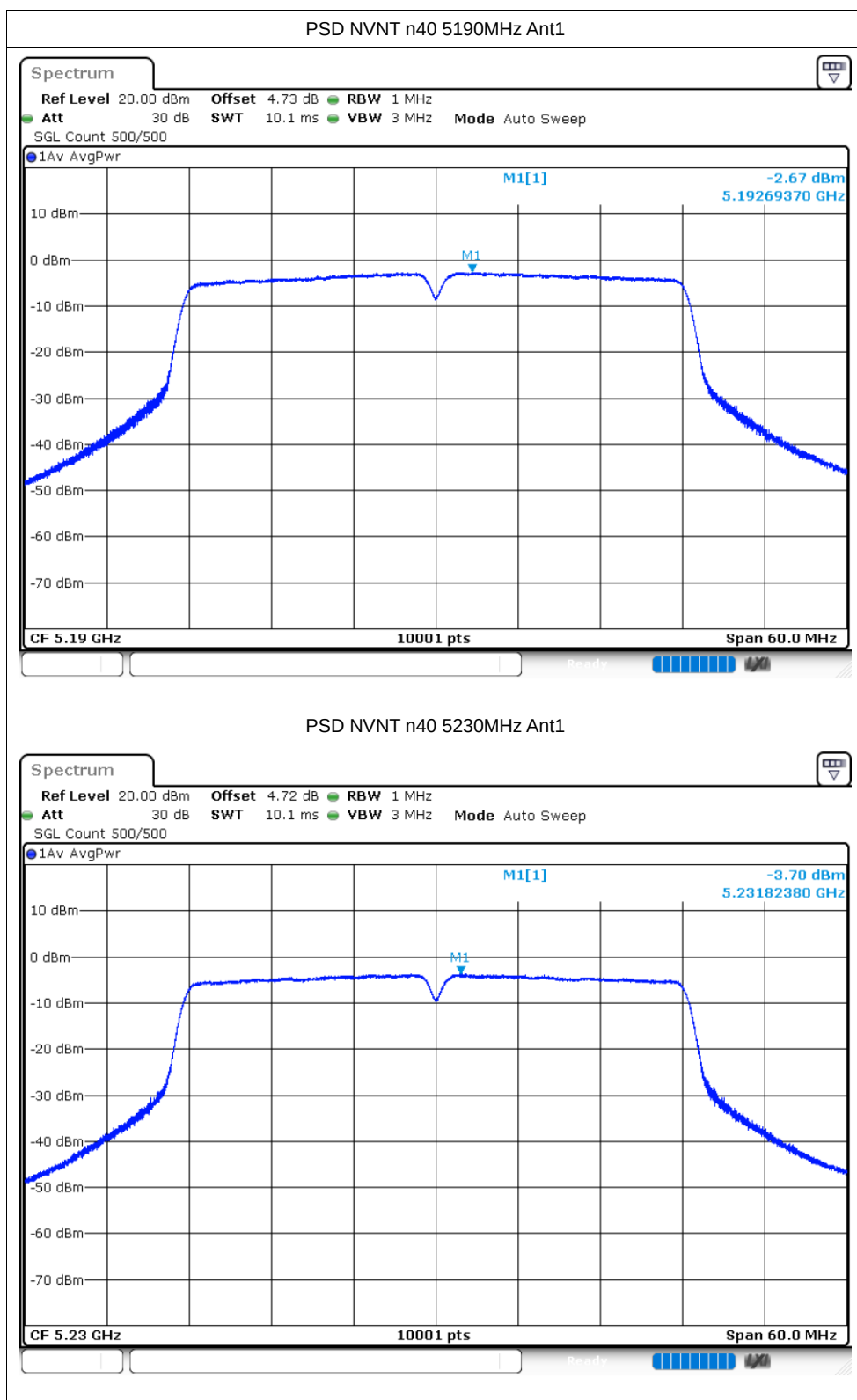
Maximum Power Spectral Density Level

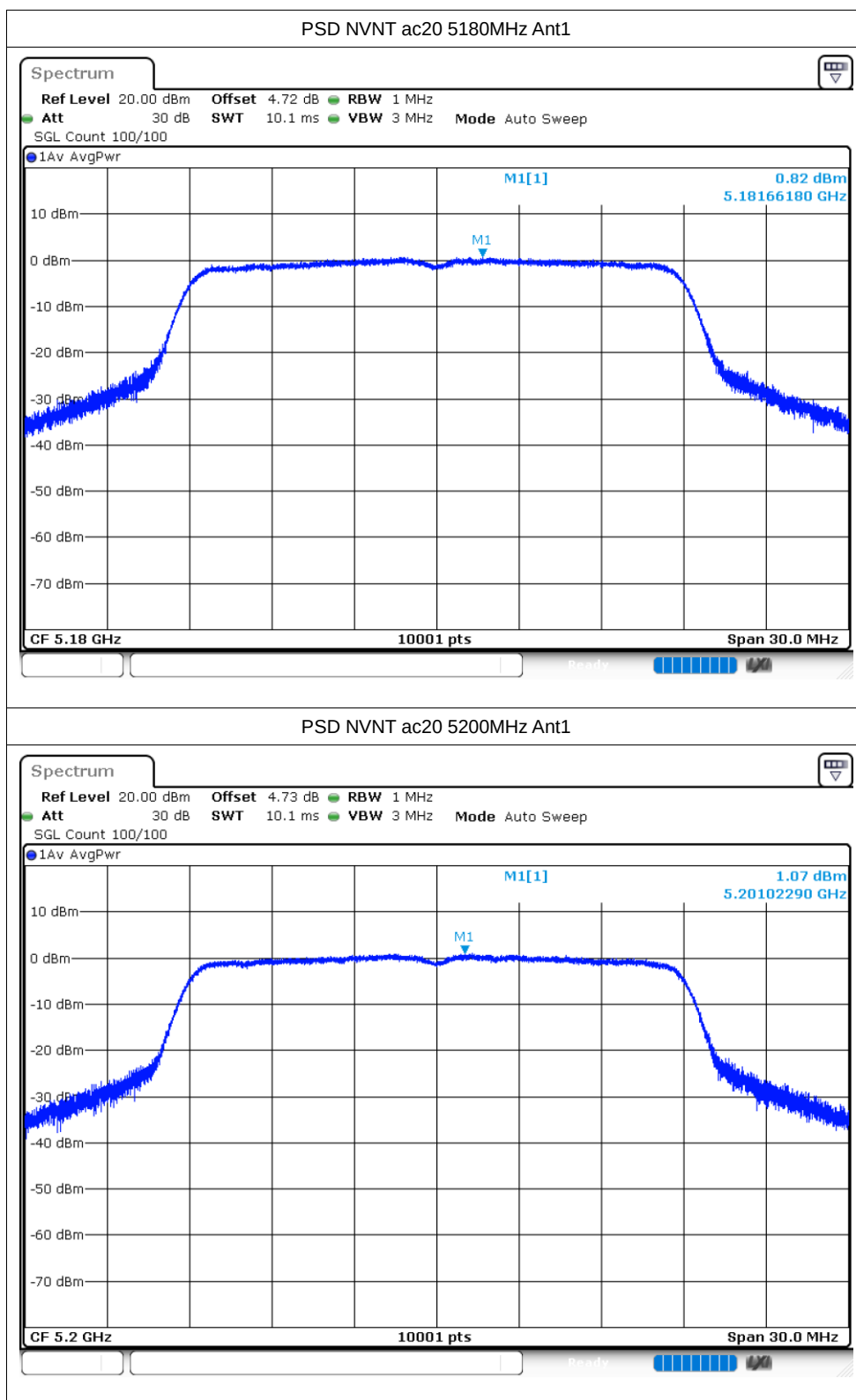
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.76	0.26	1.02	11	Pass
NVNT	a	5200	Ant1	1.43	0	1.43	11	Pass
NVNT	a	5240	Ant1	1.08	0.35	1.43	11	Pass
NVNT	n20	5180	Ant1	-0.01	0.27	0.26	11	Pass
NVNT	n20	5200	Ant1	0.4	0.35	0.75	11	Pass
NVNT	n20	5240	Ant1	-1.3	0.37	-0.93	11	Pass
NVNT	n40	5190	Ant1	-2.67	0.53	-2.14	11	Pass
NVNT	n40	5230	Ant1	-3.7	0.72	-2.98	11	Pass
NVNT	ac20	5180	Ant1	0.82	0.3	1.12	11	Pass
NVNT	ac20	5200	Ant1	1.07	0.68	1.75	11	Pass
NVNT	ac20	5240	Ant1	-0.76	0.37	-0.39	11	Pass
NVNT	ac40	5190	Ant1	-2.33	0.48	-1.85	11	Pass
NVNT	ac40	5230	Ant1	-3.03	0.65	-2.38	11	Pass
NVNT	ax20	5180	Ant1	0.57	0.3	0.87	11	Pass
NVNT	ax20	5200	Ant1	0.75	0.62	1.37	11	Pass
NVNT	ax20	5240	Ant1	-1.01	0.44	-0.57	11	Pass
NVNT	ax40	5190	Ant1	-2.51	0.63	-1.88	11	Pass
NVNT	ax40	5230	Ant1	-3.2	0.84	-2.36	11	Pass

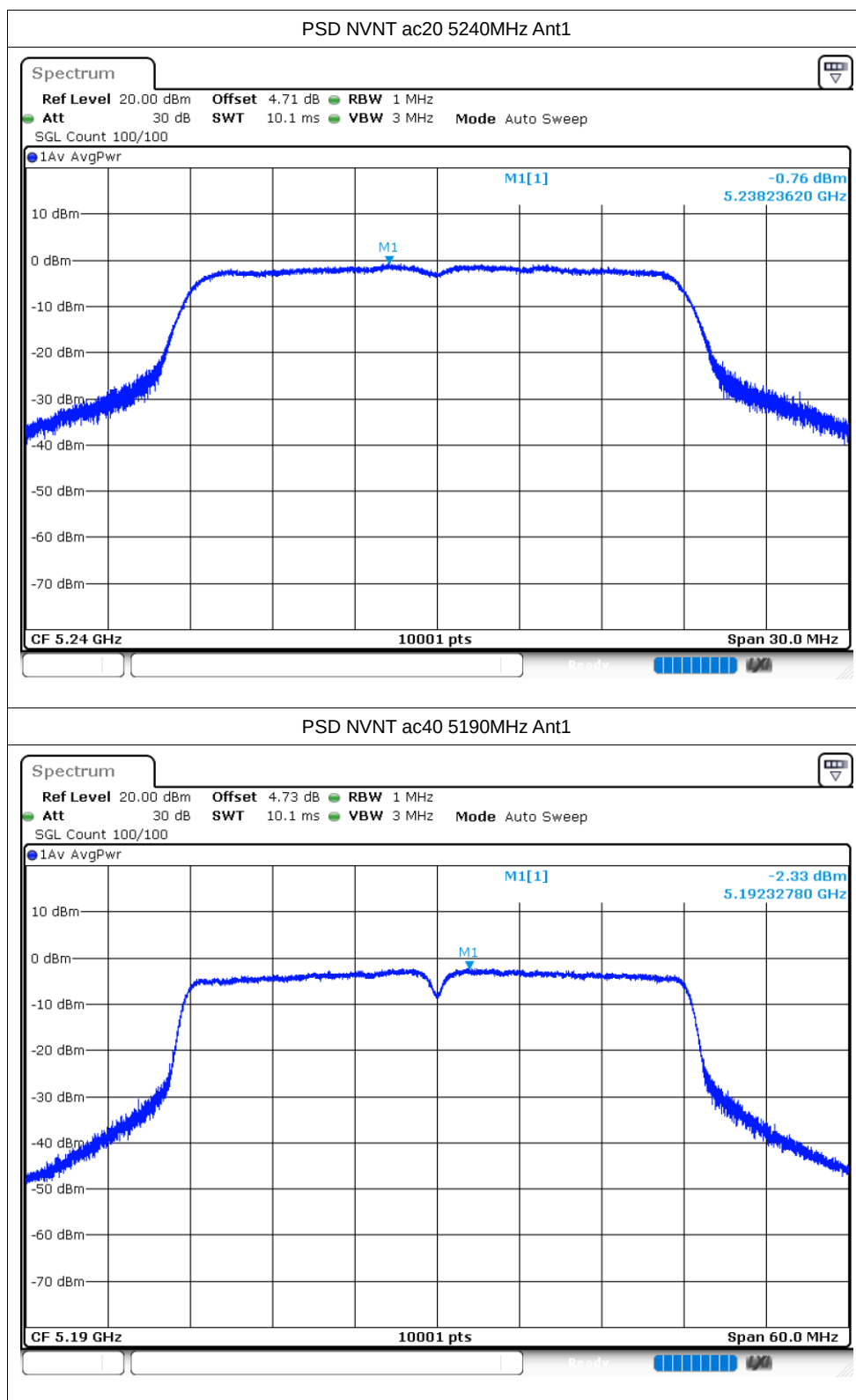


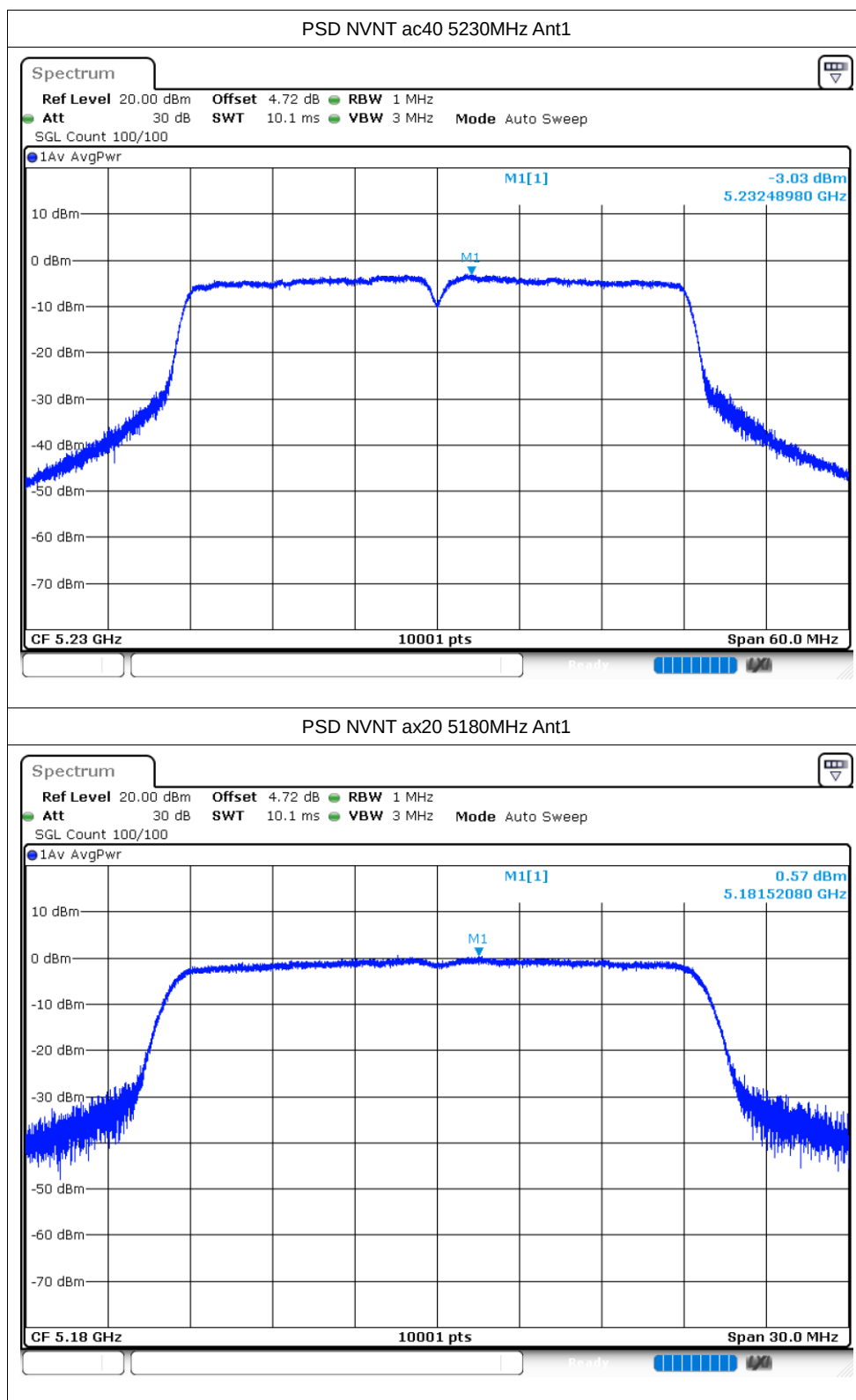


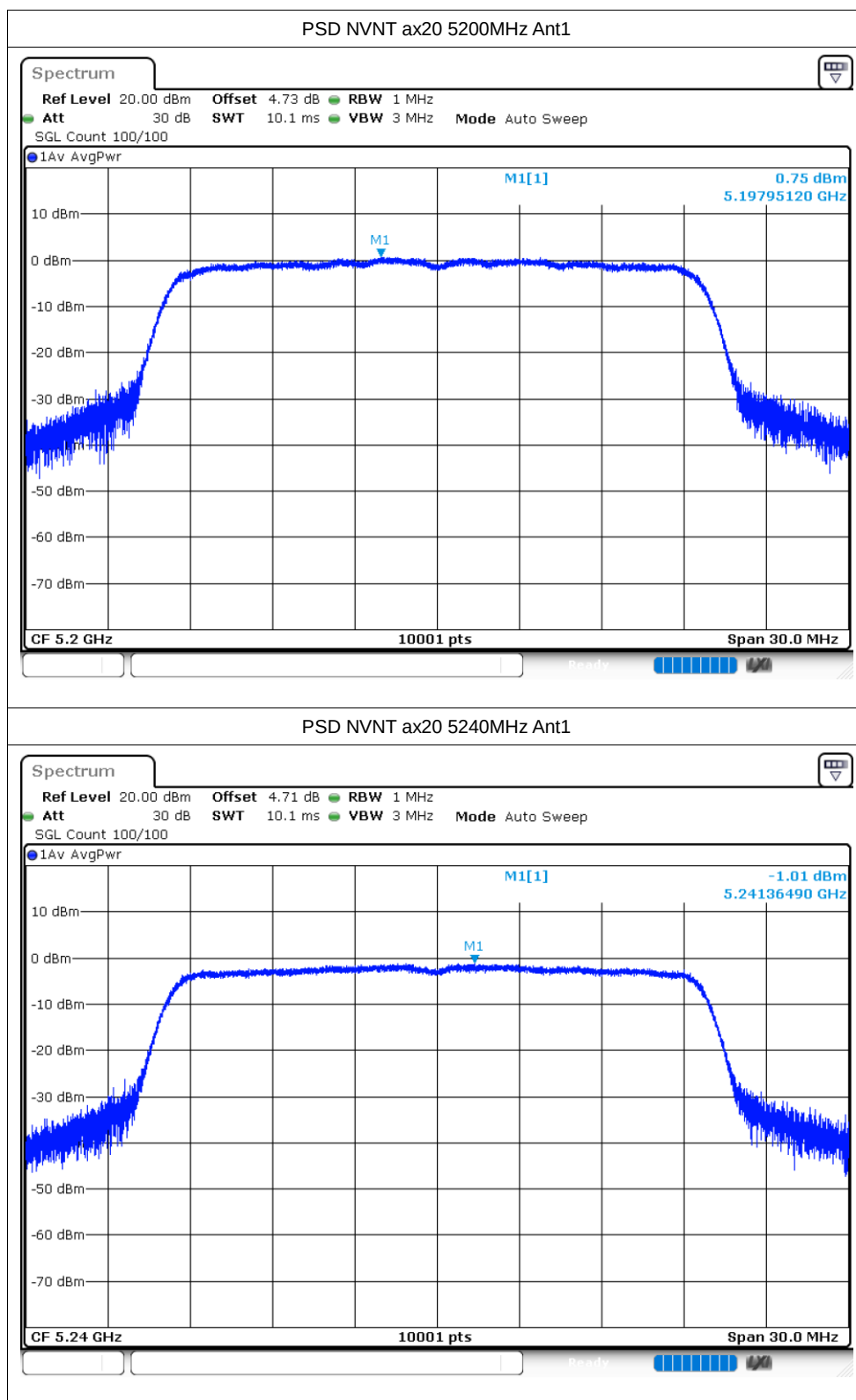


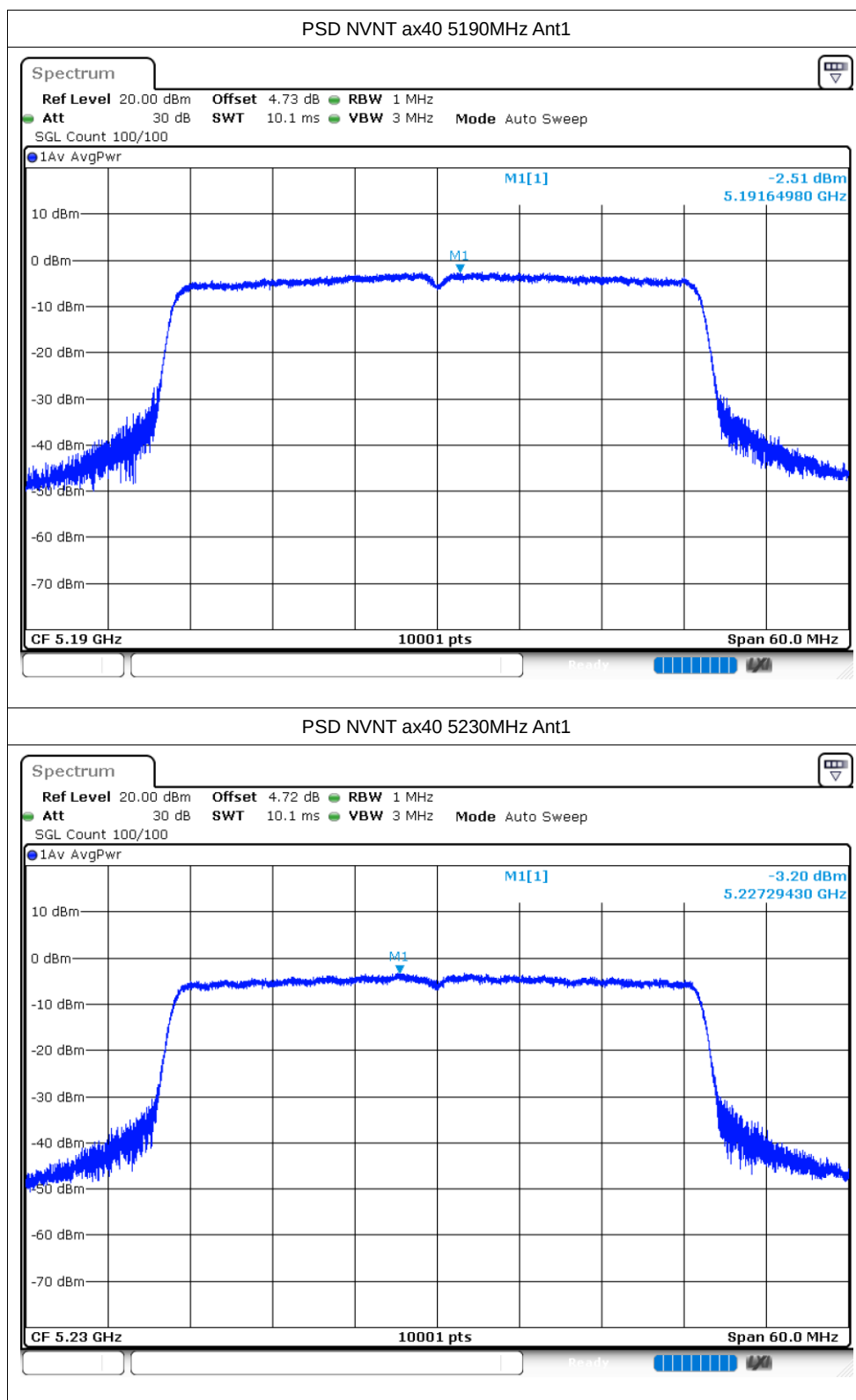










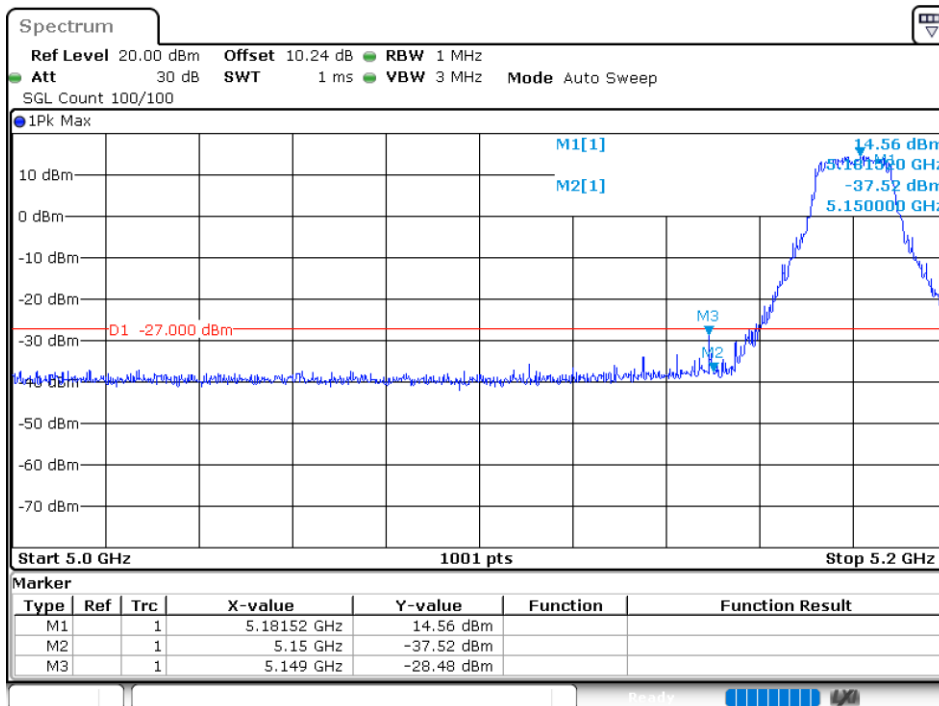


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-28.48	-27	Pass
NVNT	a	5240	Ant1	-36.06	-27	Pass
NVNT	n20	5180	Ant1	-28.02	-27	Pass
NVNT	n20	5240	Ant1	-36.89	-27	Pass
NVNT	n40	5190	Ant1	-31.51	-27	Pass
NVNT	n40	5230	Ant1	-36.97	-27	Pass
NVNT	ac20	5180	Ant1	-28.17	-27	Pass
NVNT	ac20	5240	Ant1	-36.4	-27	Pass
NVNT	ac40	5190	Ant1	-27.37	-27	Pass
NVNT	ac40	5230	Ant1	-36.67	-27	Pass
NVNT	ax20	5180	Ant1	-32.2	-27	Pass
NVNT	ax20	5240	Ant1	-36.55	-27	Pass
NVNT	ax40	5190	Ant1	-30.76	-27	Pass
NVNT	ax40	5230	Ant1	-35.94	-27	Pass

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1

