

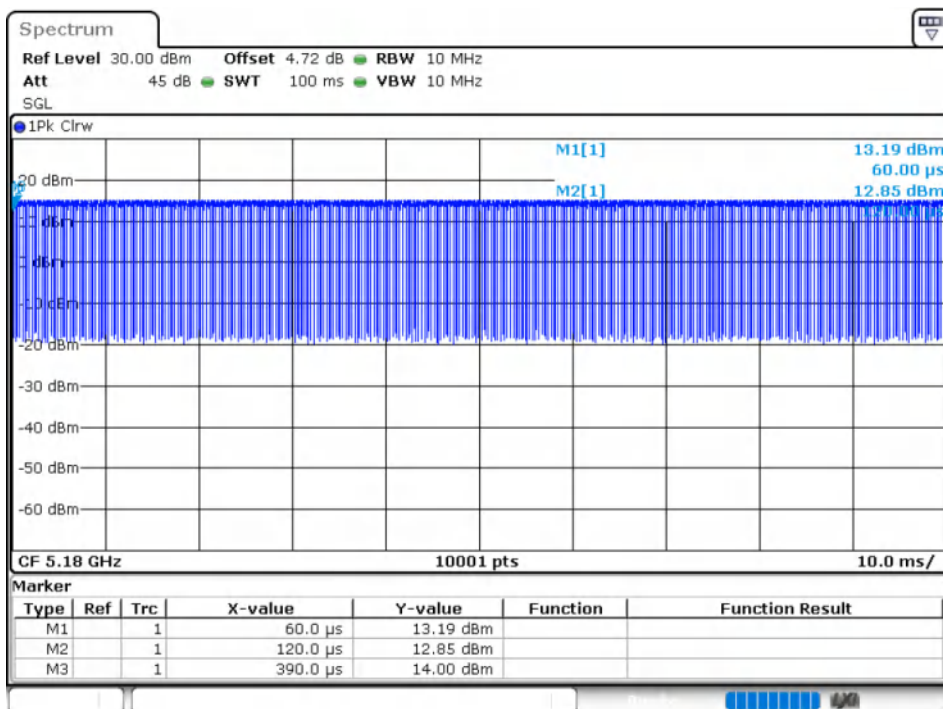
WIFI 5.2G

Duty Cycle

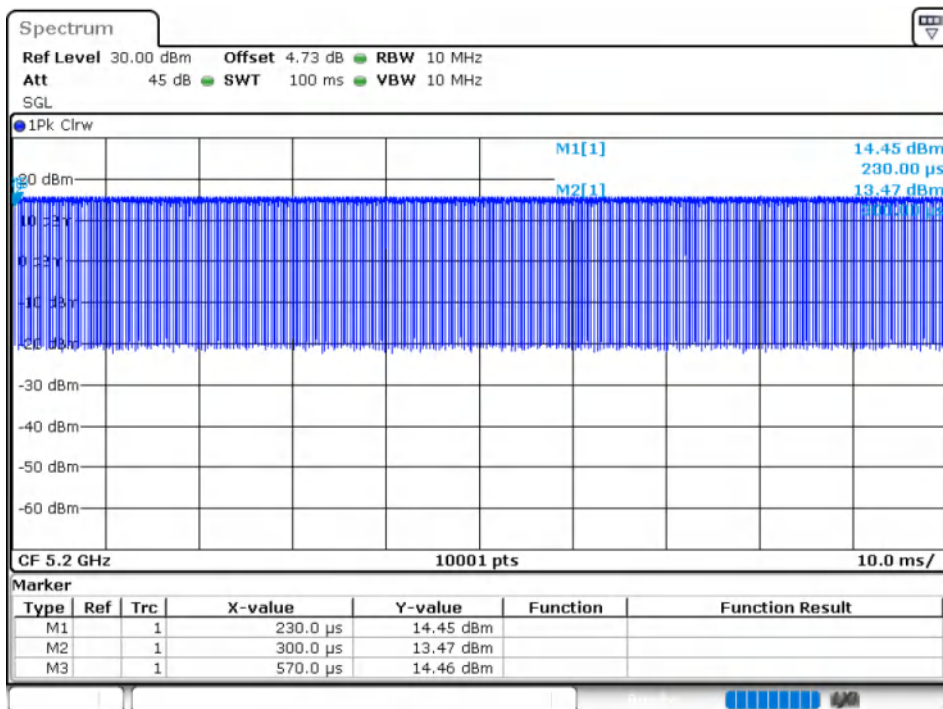
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	84.38	0.74	3.7
NVNT	a	5200	Ant1	84.39	0.74	3.7
NVNT	a	5240	Ant1	84.41	0.74	3.7
NVNT	n20	5180	Ant1	85.11	0.7	3.45
NVNT	n20	5200	Ant1	85.12	0.7	3.45
NVNT	n20	5240	Ant1	85.14	0.7	3.45
NVNT	n40	5190	Ant1	84.42	0.74	3.45
NVNT	n40	5230	Ant1	84.42	0.74	3.45
NVNT	ac20	5180	Ant1	85.29	0.69	3.45
NVNT	ac20	5200	Ant1	85.27	0.69	3.45
NVNT	ac20	5240	Ant1	85.27	0.69	3.33
NVNT	ac40	5190	Ant1	85.26	0.69	3.45
NVNT	ac40	5230	Ant1	85.25	0.69	3.45
NVNT	ax20	5180	Ant1	82.7	0.82	3.85
NVNT	ax20	5200	Ant1	82.7	0.82	3.85
NVNT	ax20	5240	Ant1	82.7	0.82	3.85
NVNT	ax40	5190	Ant1	82.68	0.83	3.85
NVNT	ax40	5230	Ant1	82.7	0.82	3.85

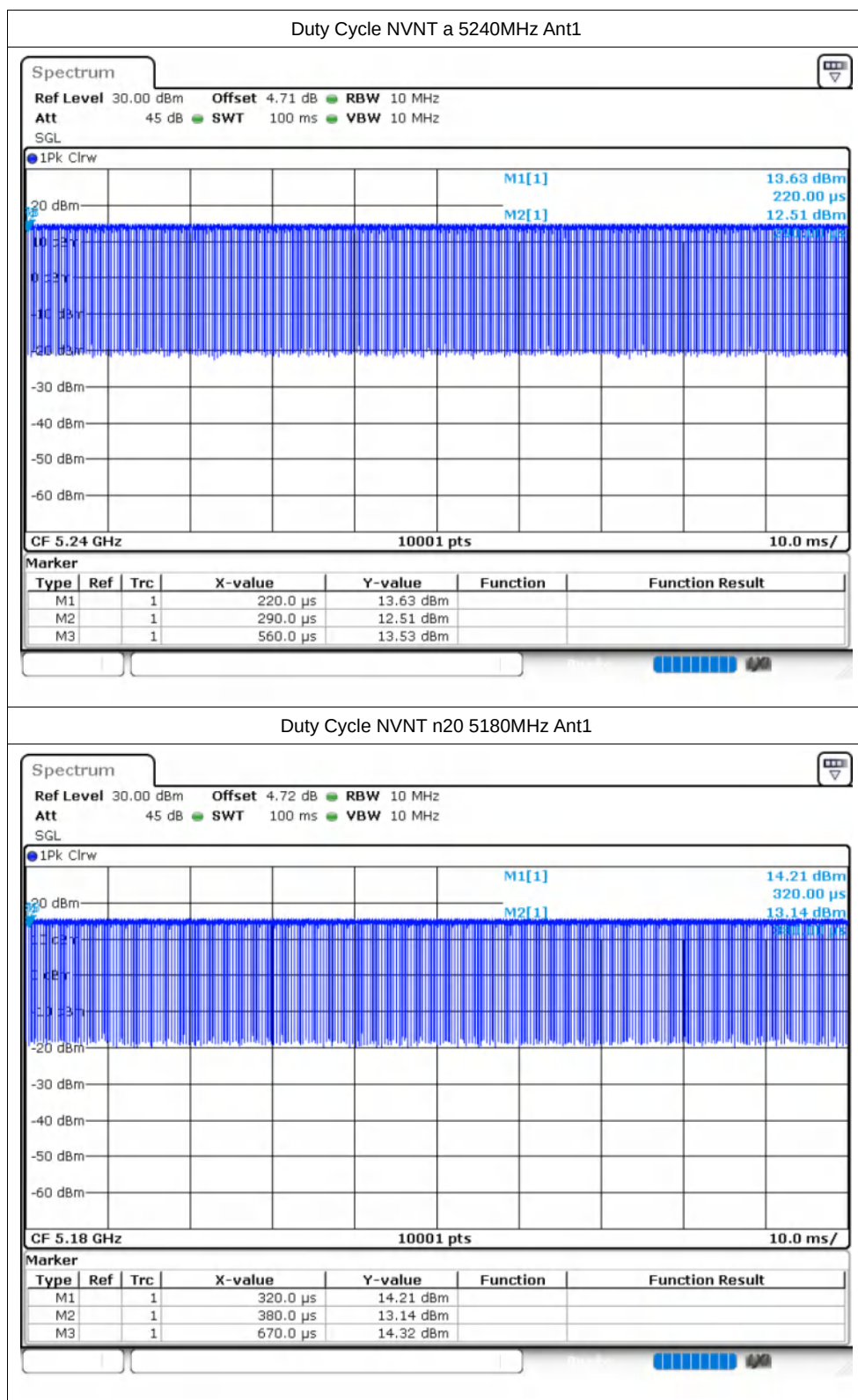
Test Graphs

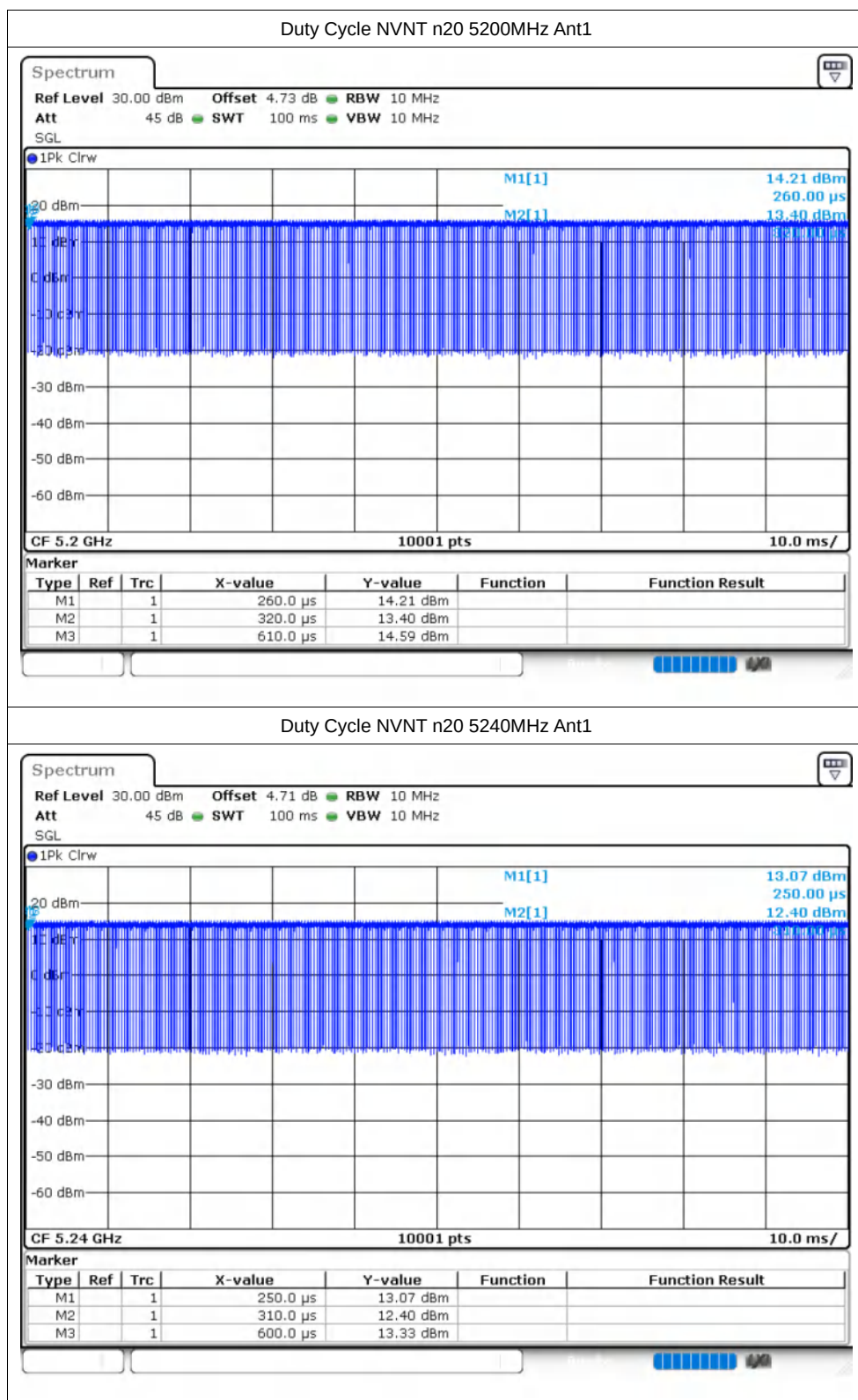
Duty Cycle NVNT a 5180MHz Ant1

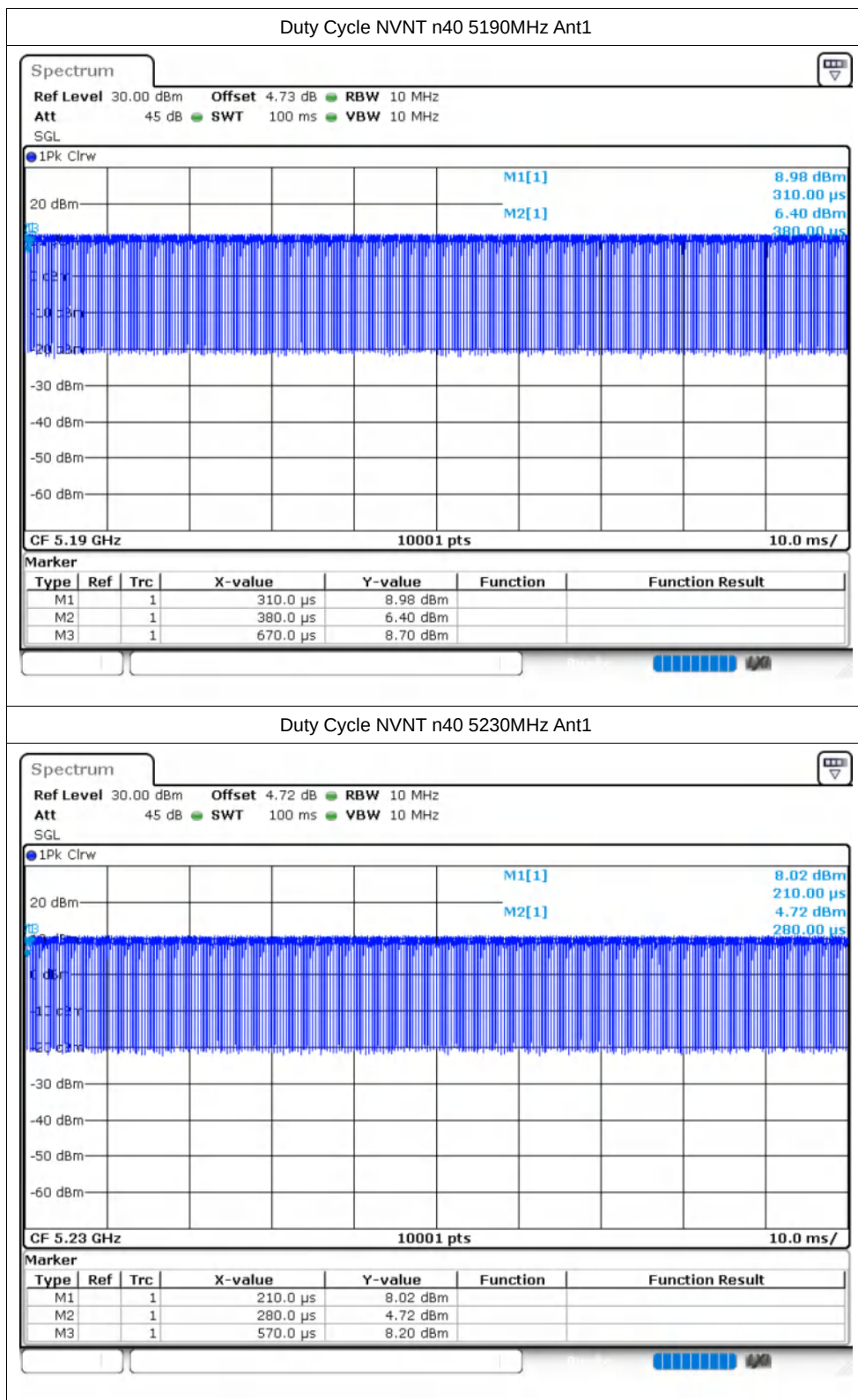


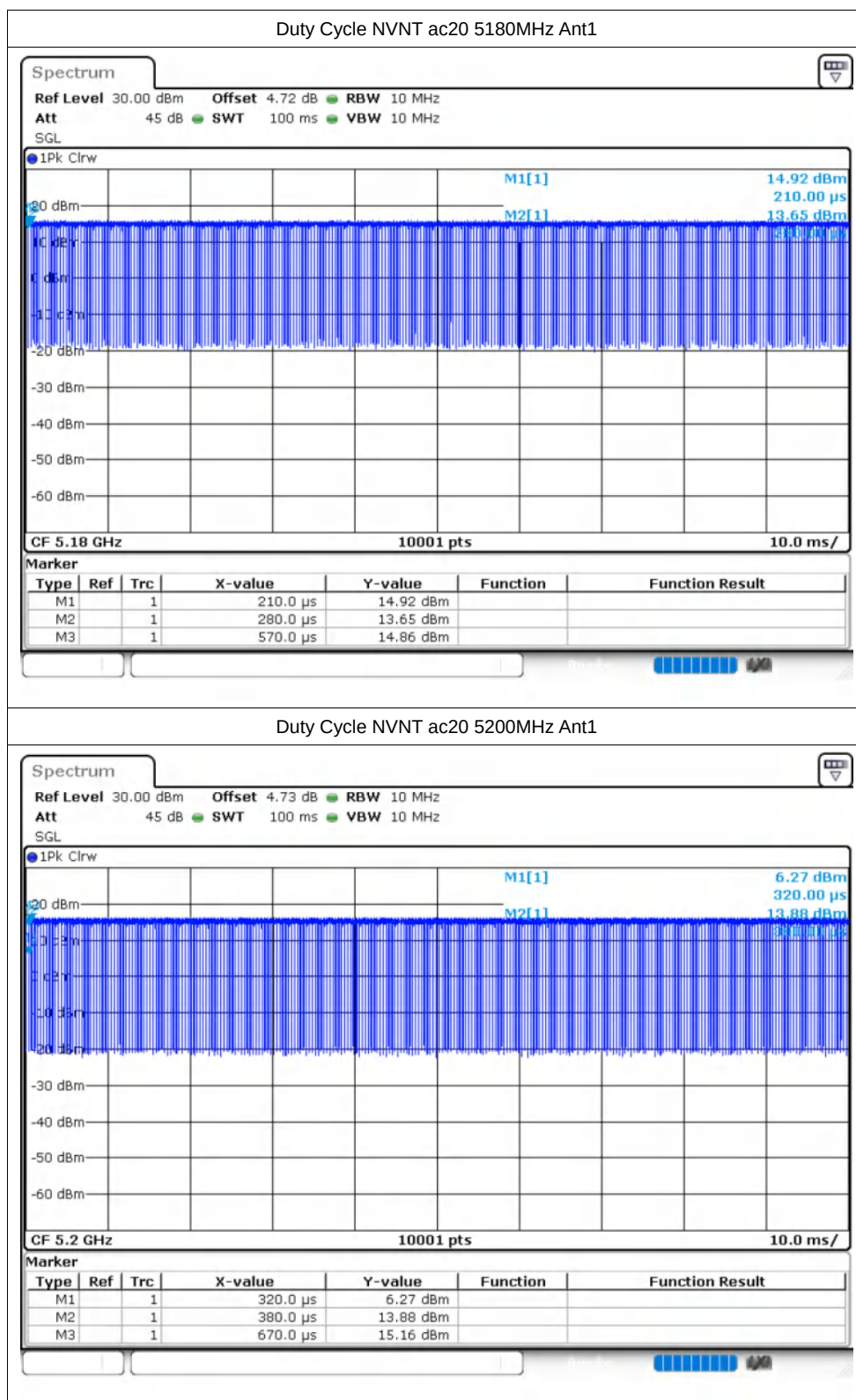
Duty Cycle NVNT a 5200MHz Ant1

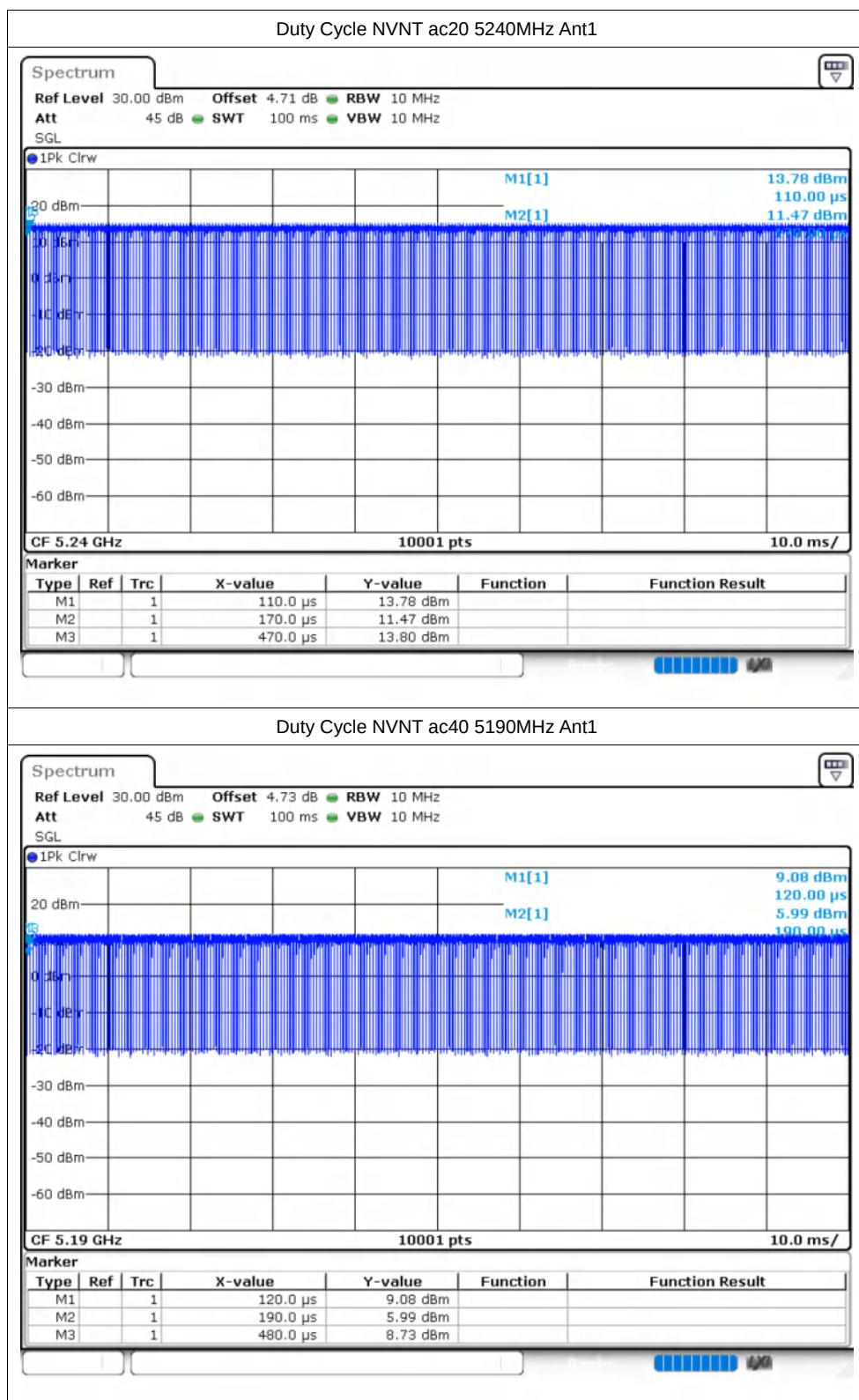


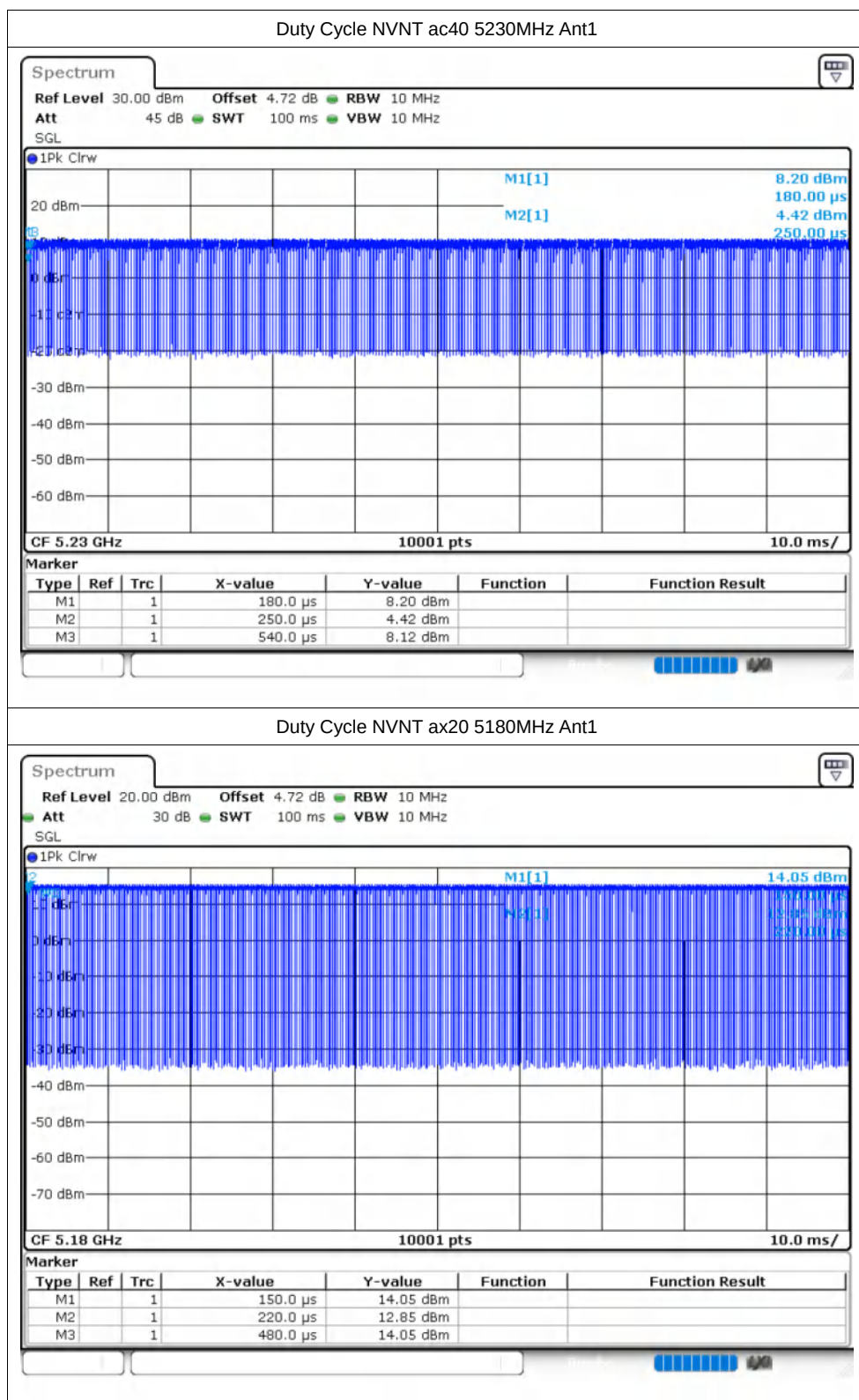


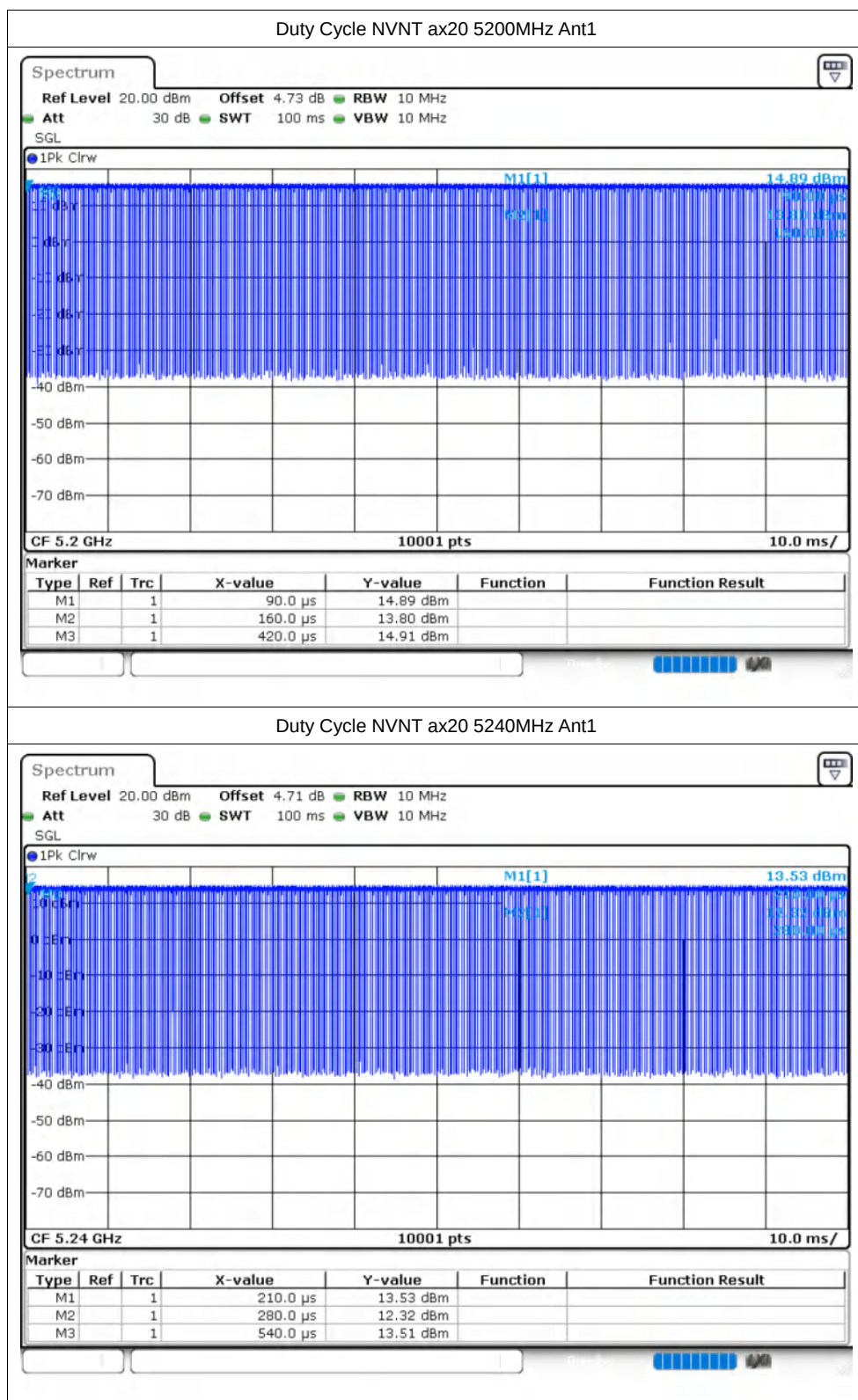


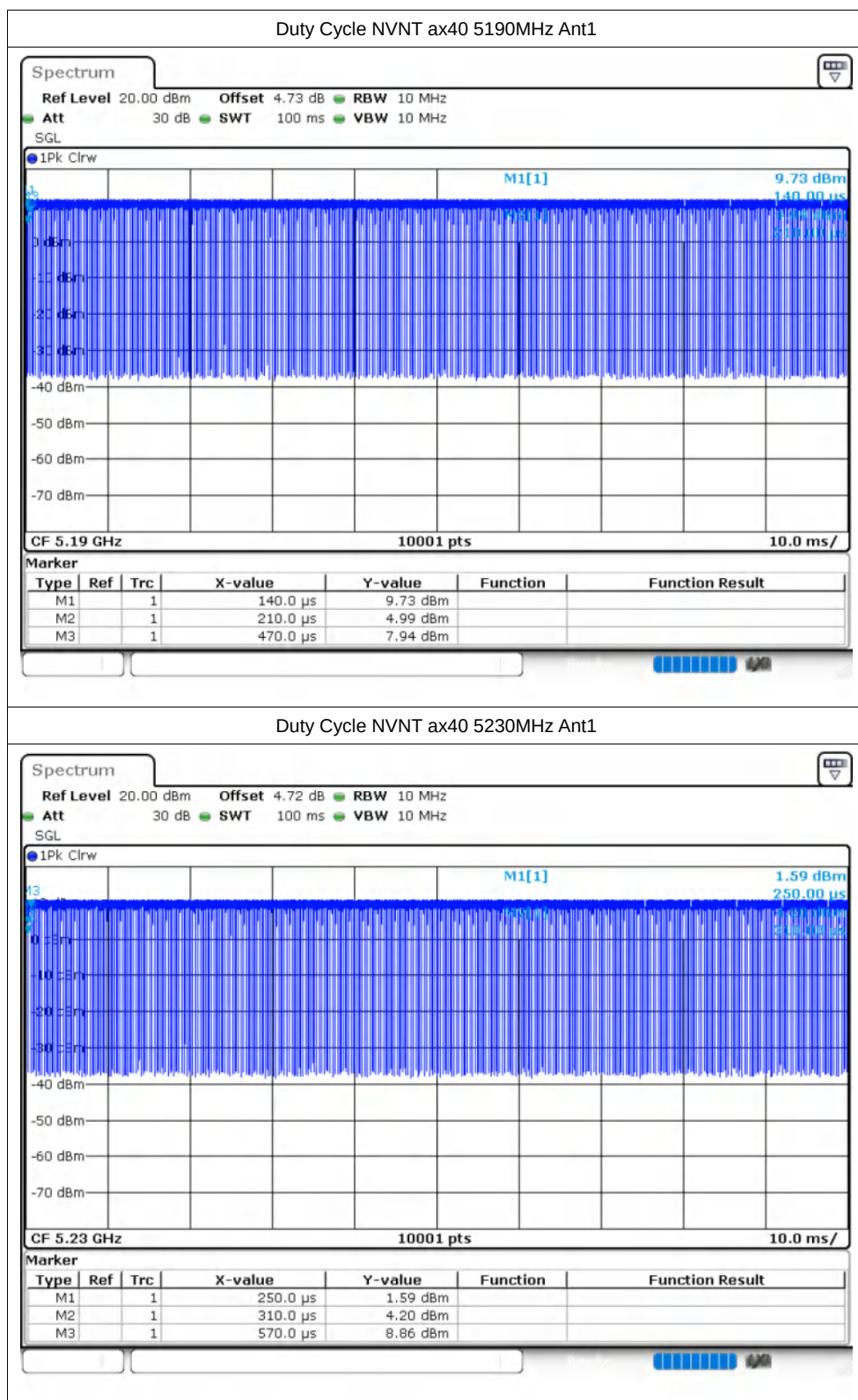












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm) (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.28	24	Pass
NVNT	a	5200	Ant1	11.73	24	Pass
NVNT	a	5240	Ant1	11.88	24	Pass
NVNT	n20	5180	Ant1	11.06	24	Pass
NVNT	n20	5200	Ant1	11.11	24	Pass
NVNT	n20	5240	Ant1	11.75	24	Pass
NVNT	n40	5190	Ant1	7.6	24	Pass
NVNT	n40	5230	Ant1	7.61	24	Pass
NVNT	ac20	5180	Ant1	11.18	24	Pass
NVNT	ac20	5200	Ant1	11.36	24	Pass
NVNT	ac20	5240	Ant1	11.4	24	Pass
NVNT	ac40	5190	Ant1	7.56	24	Pass
NVNT	ac40	5230	Ant1	7.57	24	Pass
NVNT	ax20	5180	Ant1	10.99	24	Pass
NVNT	ax20	5200	Ant1	11.55	24	Pass
NVNT	ax20	5240	Ant1	11.99	24	Pass
NVNT	ax40	5190	Ant1	7.56	24	Pass
NVNT	ax40	5230	Ant1	7.92	24	Pass

Note:

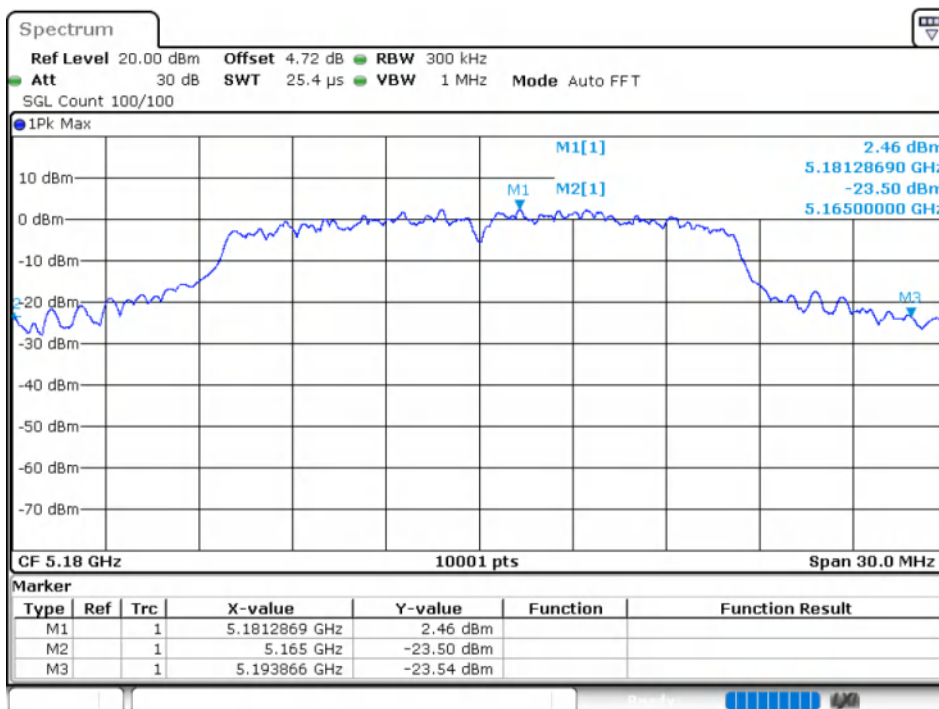
1. The conducted average power contains duty cycle factor.
2. Belong to Client device.

-26dB Bandwidth

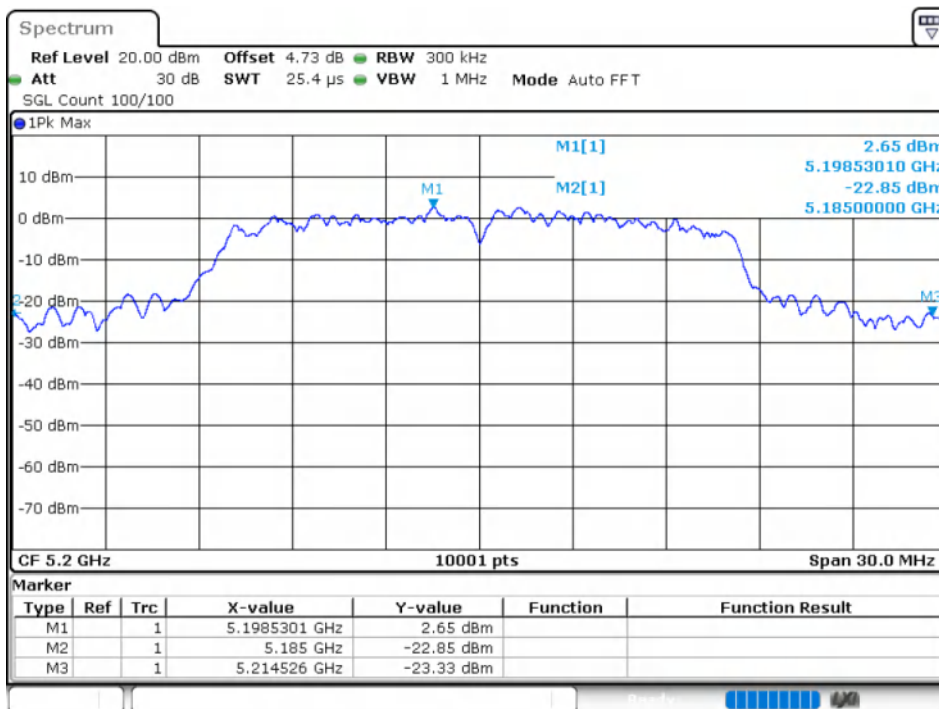
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	28.866	Report only
NVNT	a	5200	Ant1	29.526	Report only
NVNT	a	5240	Ant1	28.473	Report only
NVNT	n20	5180	Ant1	28.668	Report only
NVNT	n20	5200	Ant1	29.172	Report only
NVNT	n20	5240	Ant1	27.816	Report only
NVNT	n40	5190	Ant1	38.514	Report only
NVNT	n40	5230	Ant1	38.574	Report only
NVNT	ac20	5180	Ant1	27.138	Report only
NVNT	ac20	5200	Ant1	29.343	Report only
NVNT	ac20	5240	Ant1	25.785	Report only
NVNT	ac40	5190	Ant1	46.434	Report only
NVNT	ac40	5230	Ant1	52.464	Report only
NVNT	ax20	5180	Ant1	26.124	Report only
NVNT	ax20	5200	Ant1	29.01	Report only
NVNT	ax20	5240	Ant1	26.739	Report only
NVNT	ax40	5190	Ant1	39.342	Report only
NVNT	ax40	5230	Ant1	39.432	Report only

Test Graphs

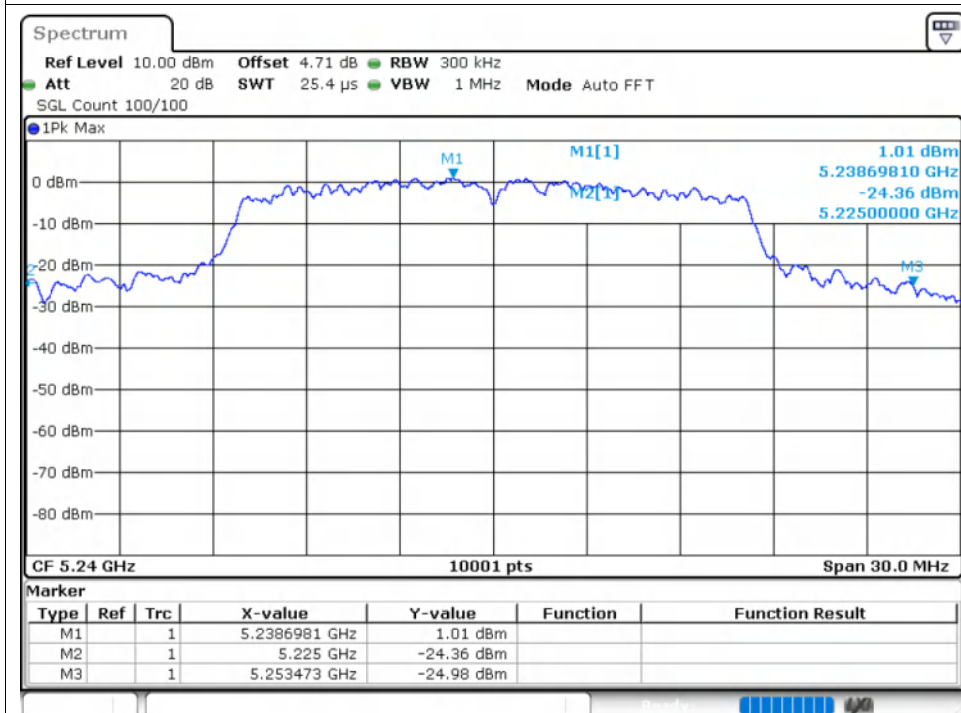
-26dB Bandwidth NVNT a 5180MHz Ant1



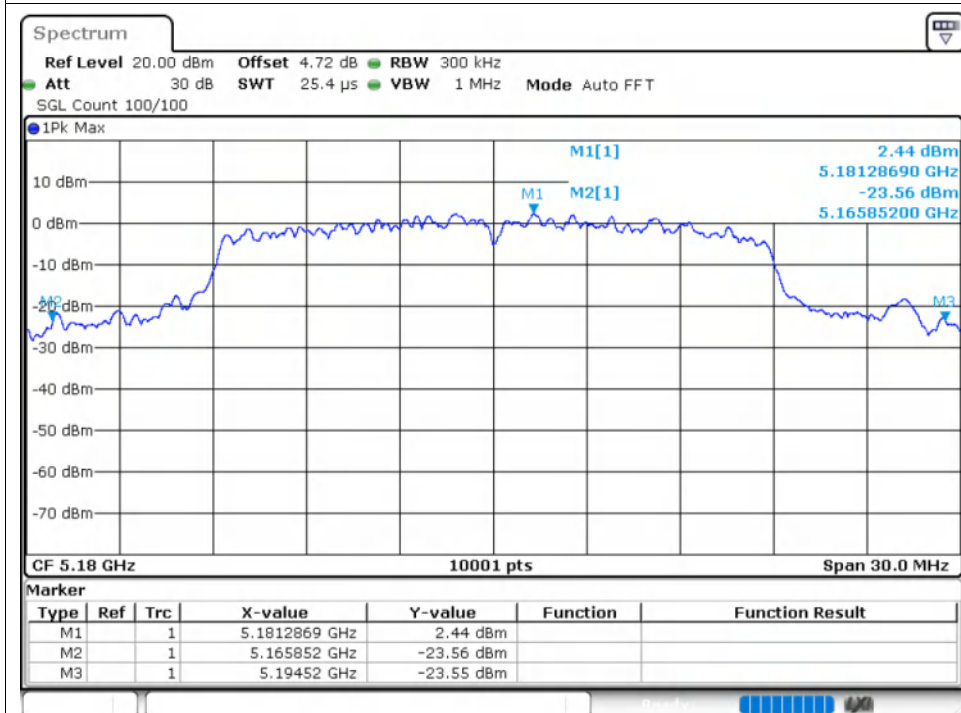
-26dB Bandwidth NVNT a 5200MHz Ant1

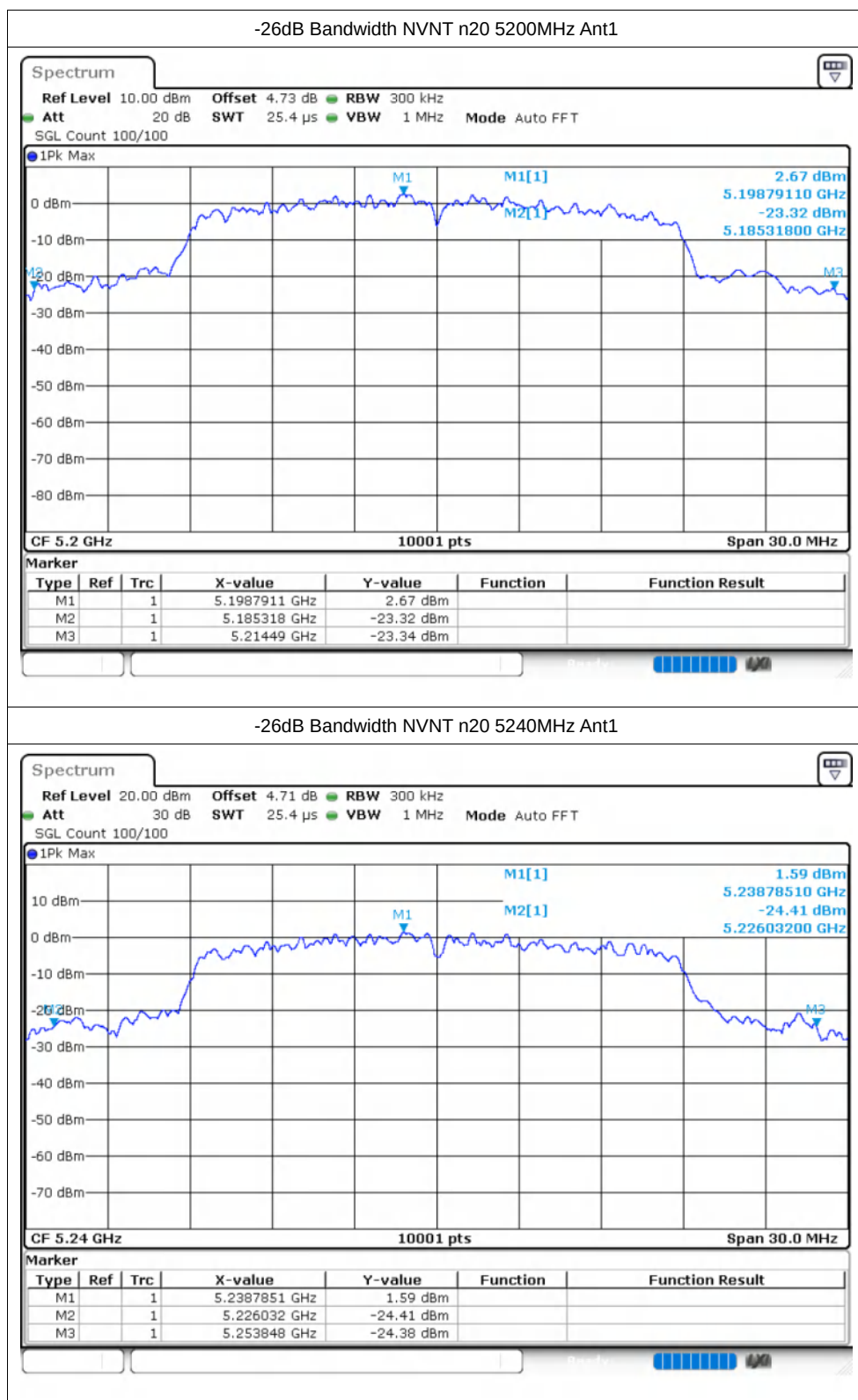


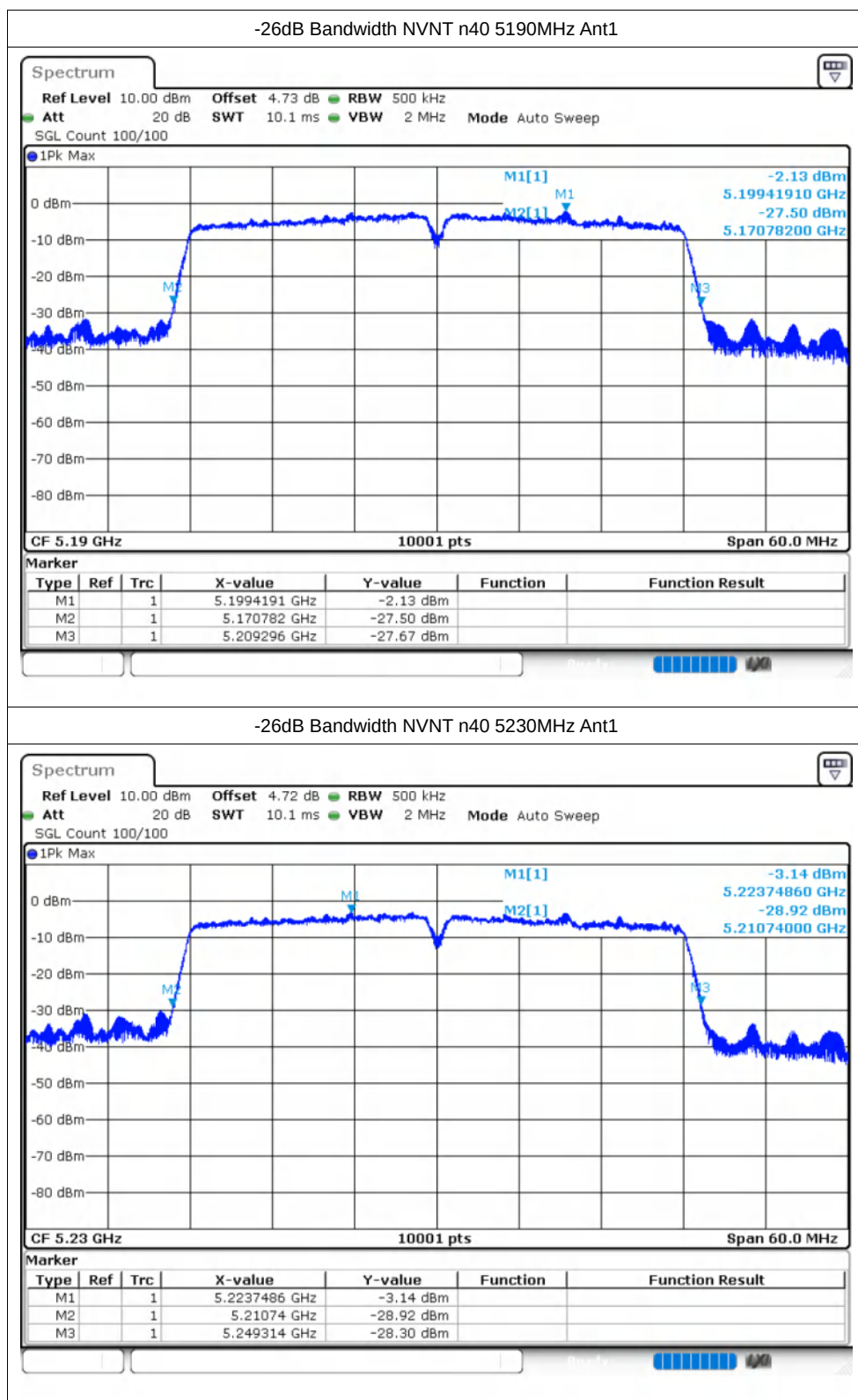
-26dB Bandwidth NVNT a 5240MHz Ant1

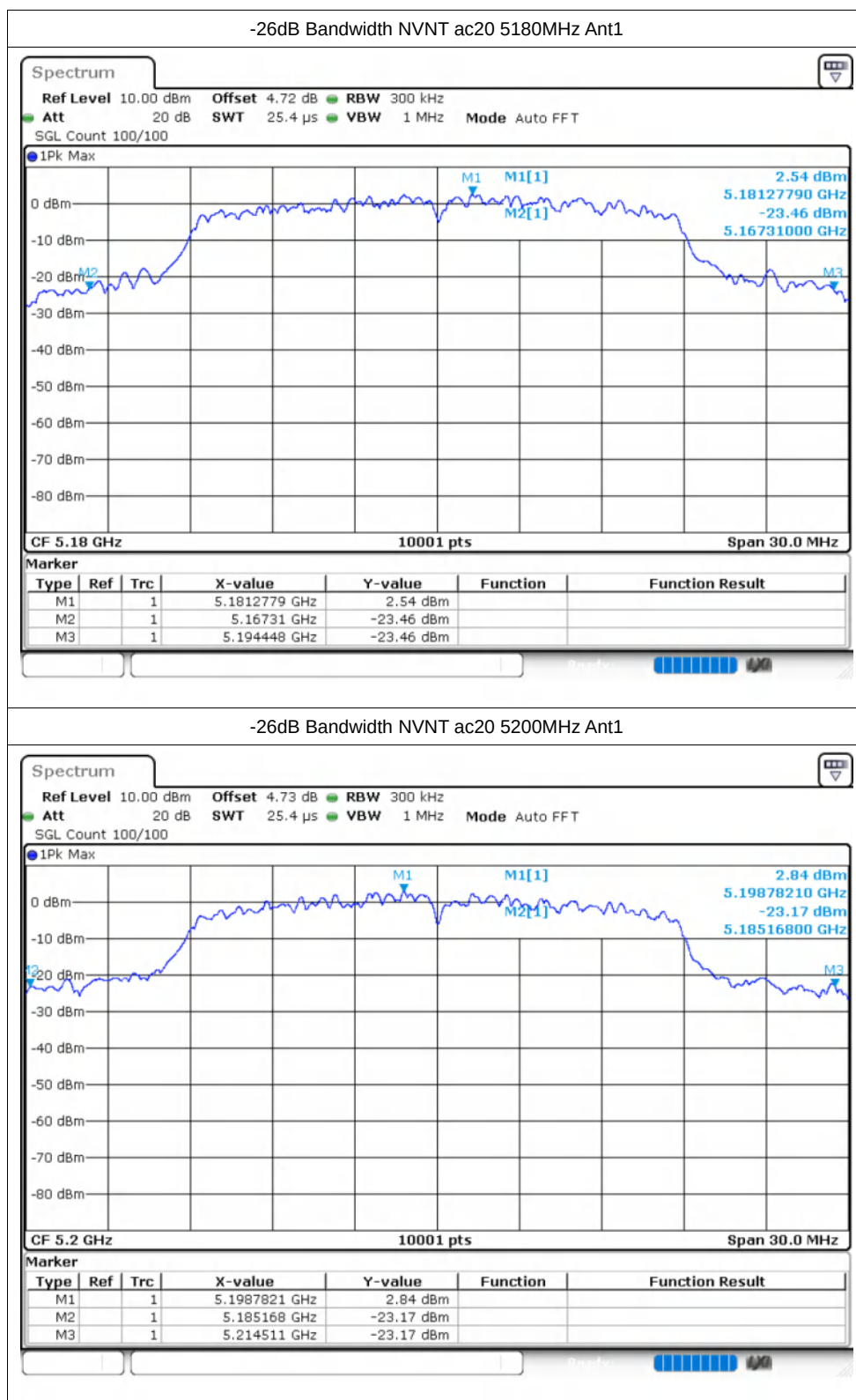


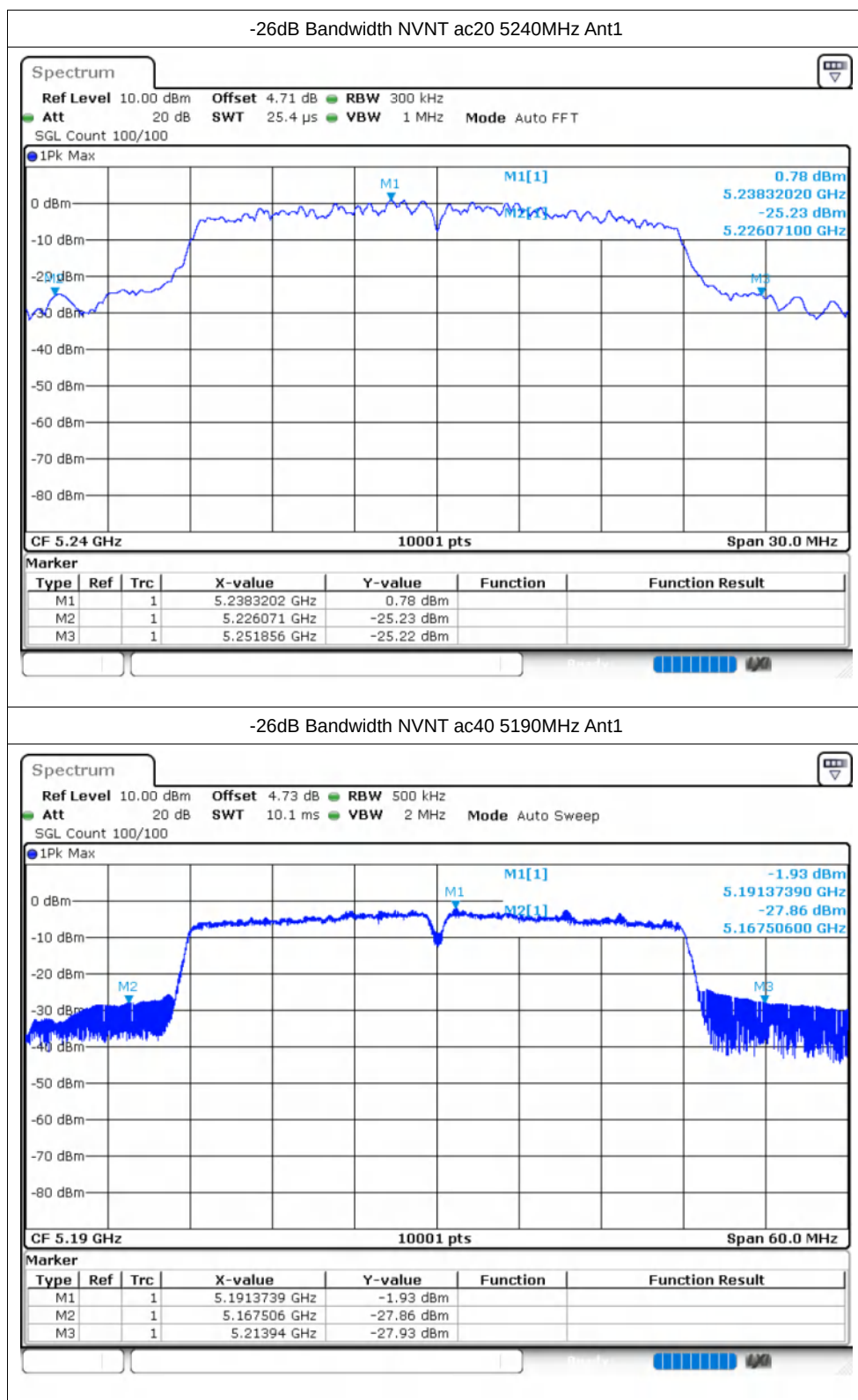
-26dB Bandwidth NVNT n20 5180MHz Ant1

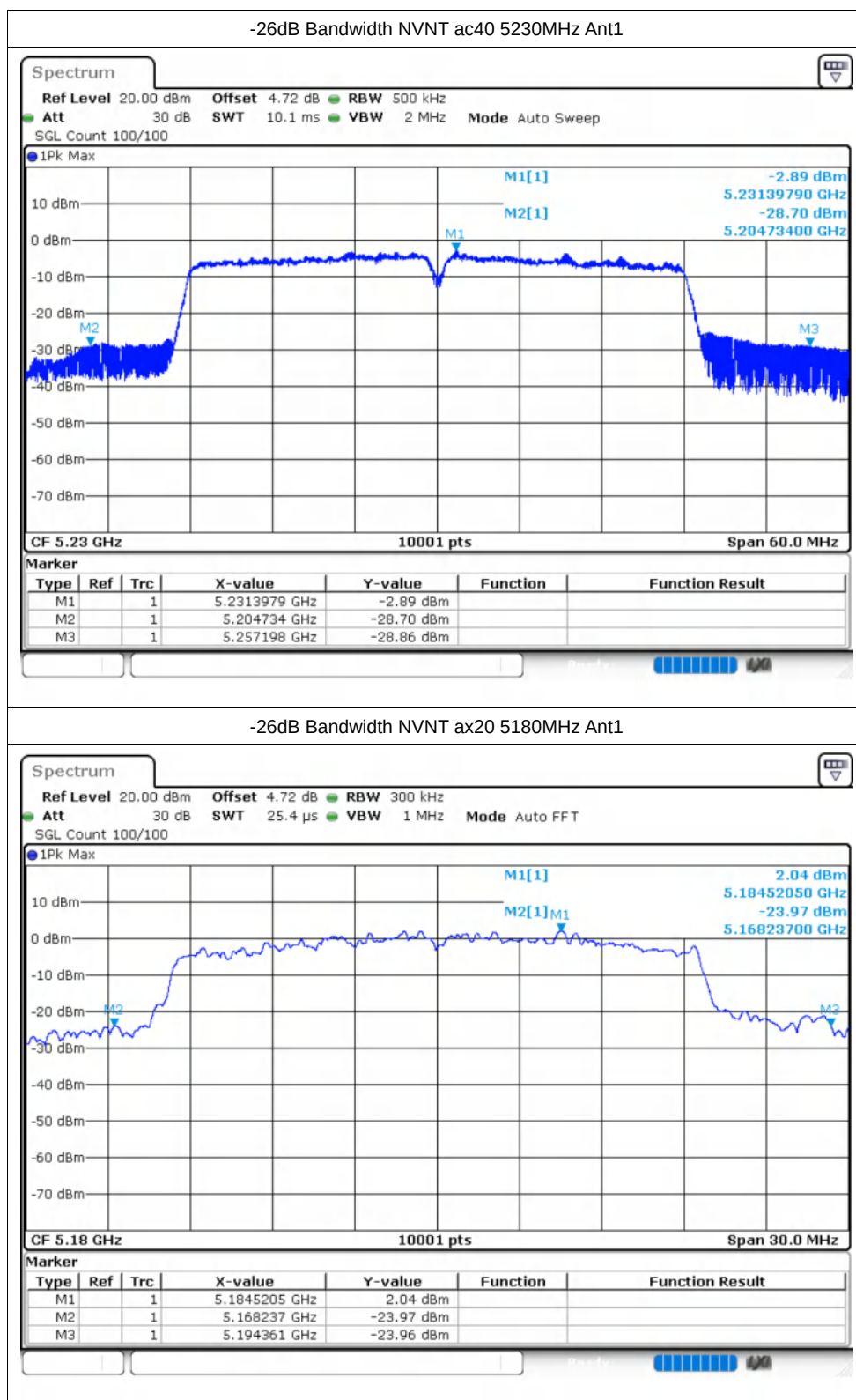


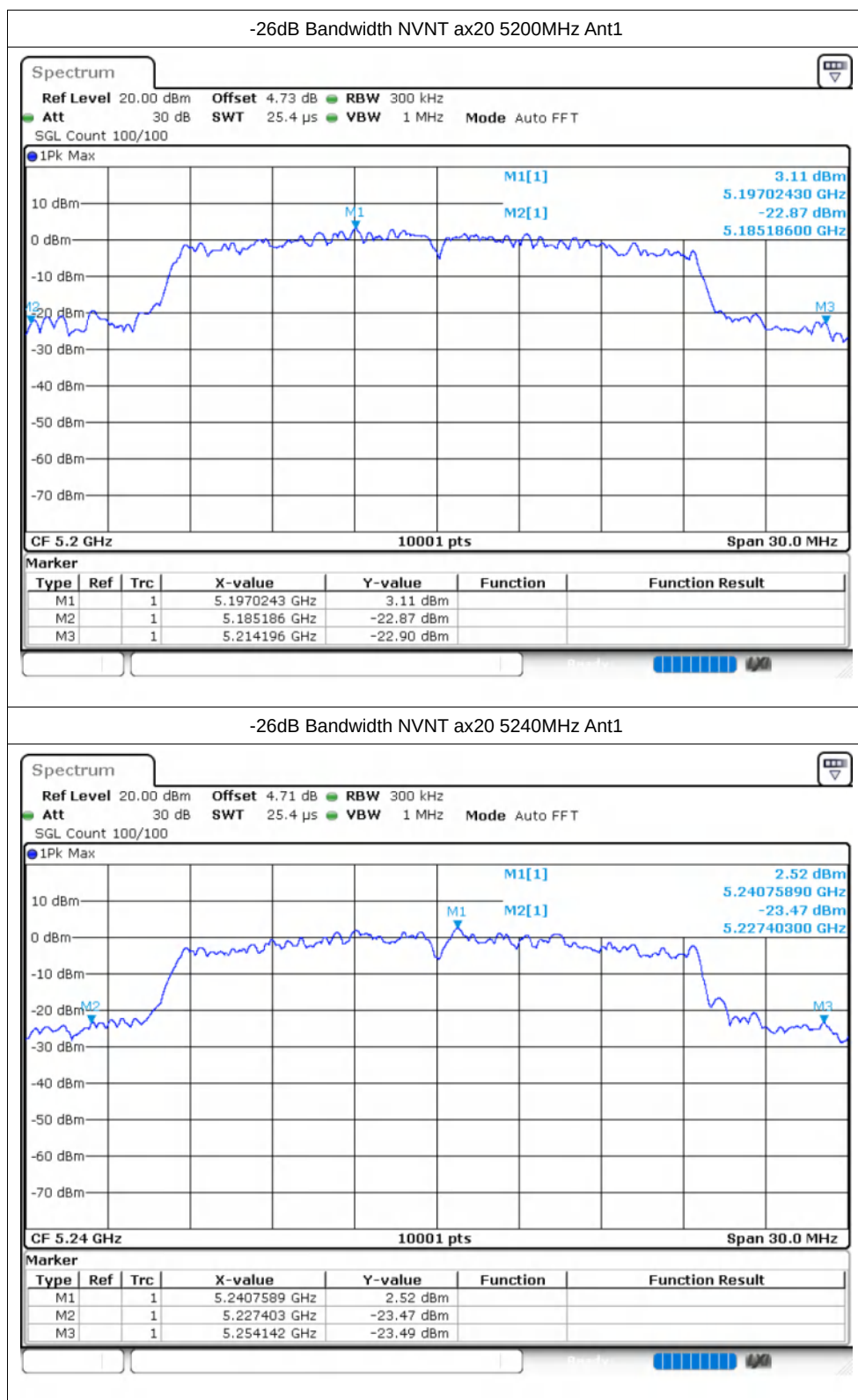


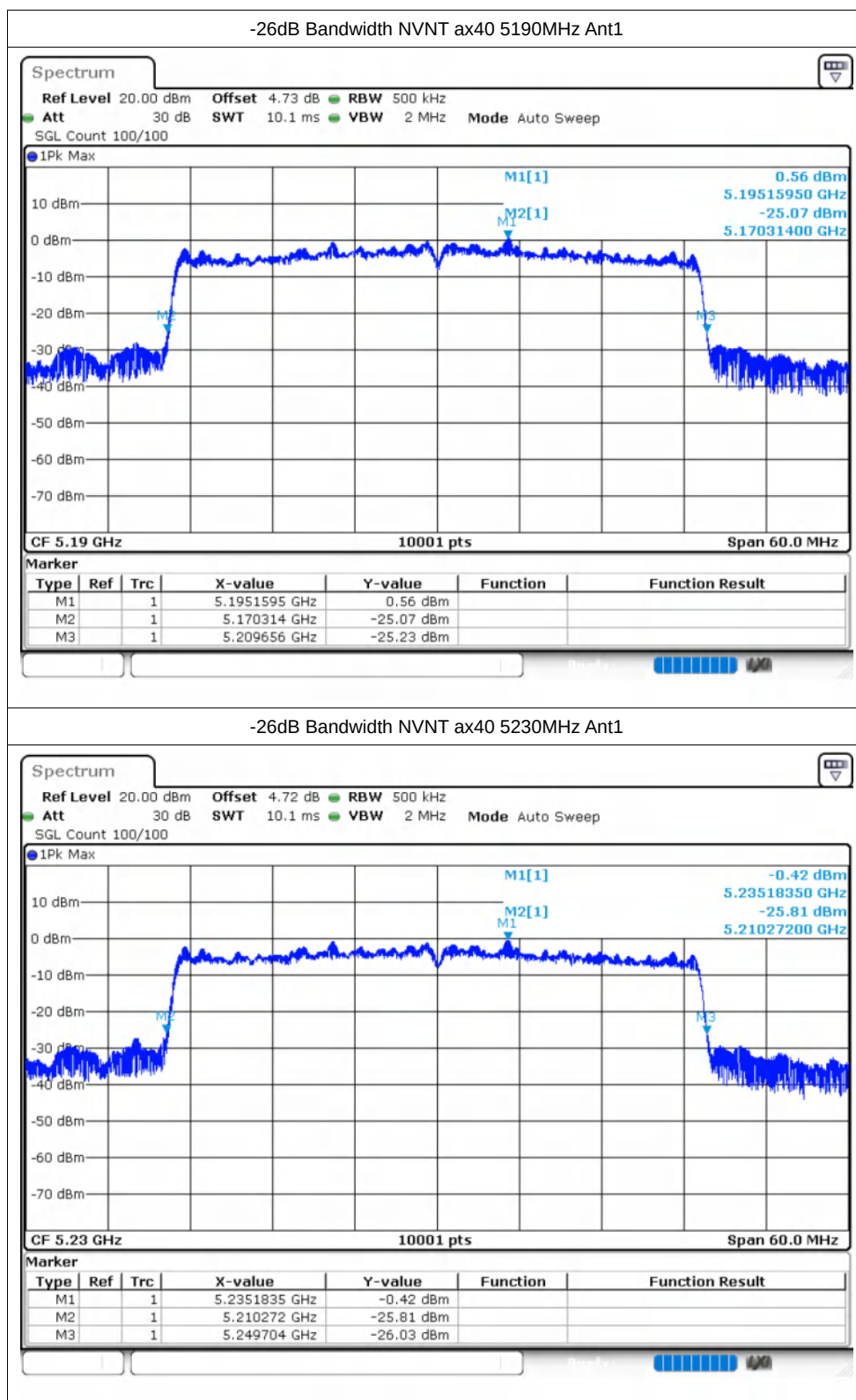










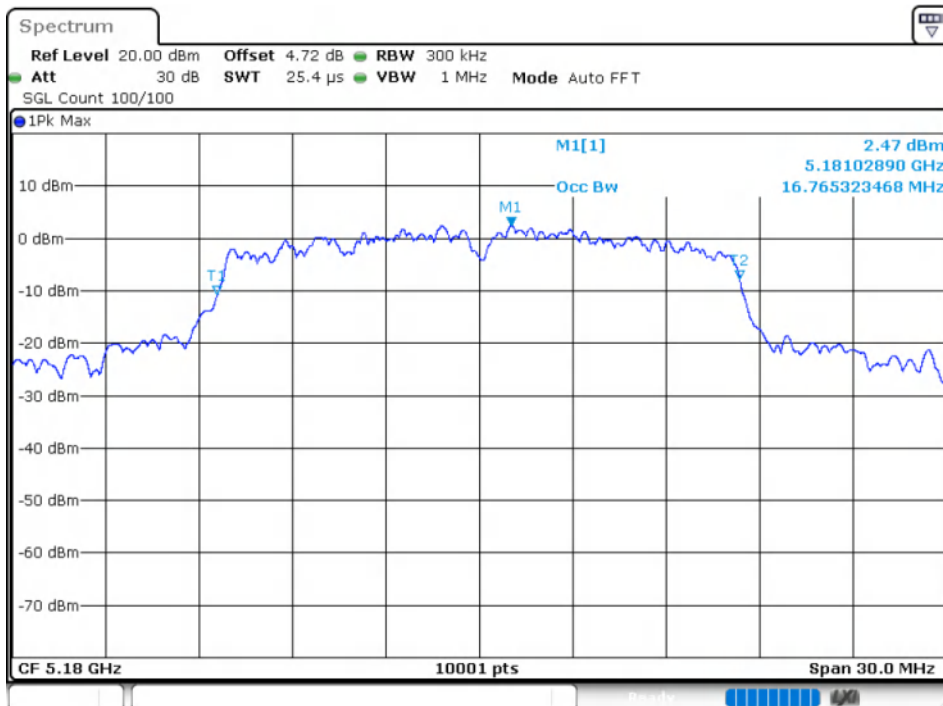


Occupied Channel Bandwidth

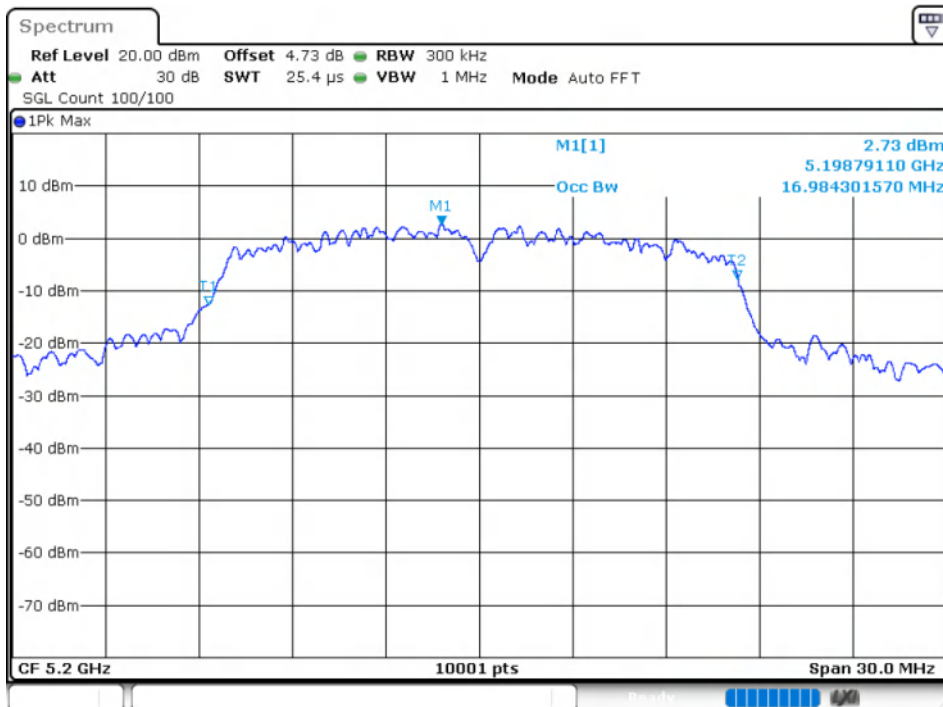
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.765
NVNT	a	5200	Ant1	16.984
NVNT	a	5240	Ant1	16.69
NVNT	n20	5180	Ant1	17.776
NVNT	n20	5200	Ant1	17.929
NVNT	n20	5240	Ant1	17.707
NVNT	n40	5190	Ant1	35.9
NVNT	n40	5230	Ant1	35.954
NVNT	ac20	5180	Ant1	17.968
NVNT	ac20	5200	Ant1	17.962
NVNT	ac20	5240	Ant1	17.959
NVNT	ac40	5190	Ant1	35.96
NVNT	ac40	5230	Ant1	36.014
NVNT	ax20	5180	Ant1	18.919
NVNT	ax20	5200	Ant1	19.033
NVNT	ax20	5240	Ant1	18.874
NVNT	ax40	5190	Ant1	37.646
NVNT	ax40	5230	Ant1	37.7

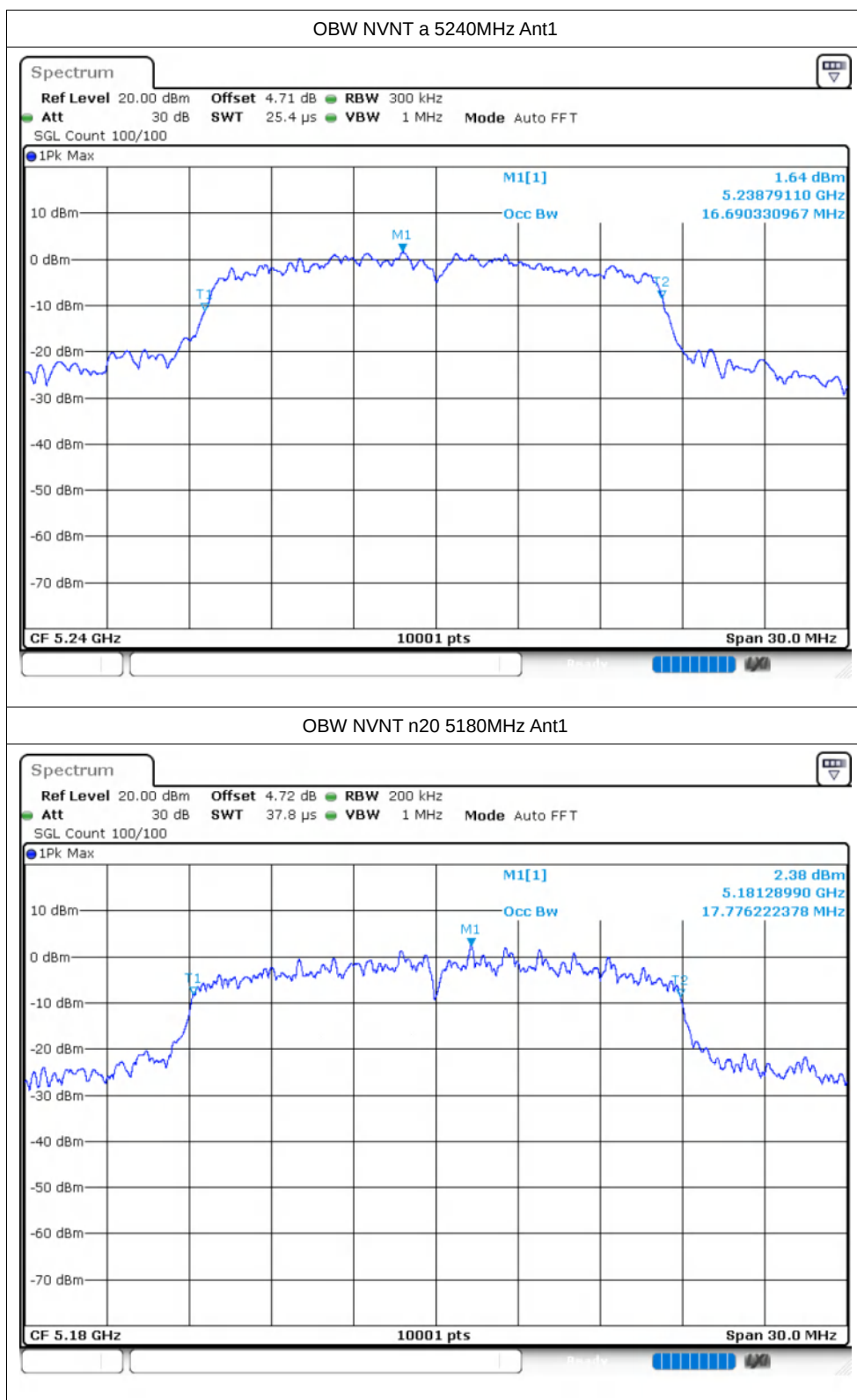
Test Graphs

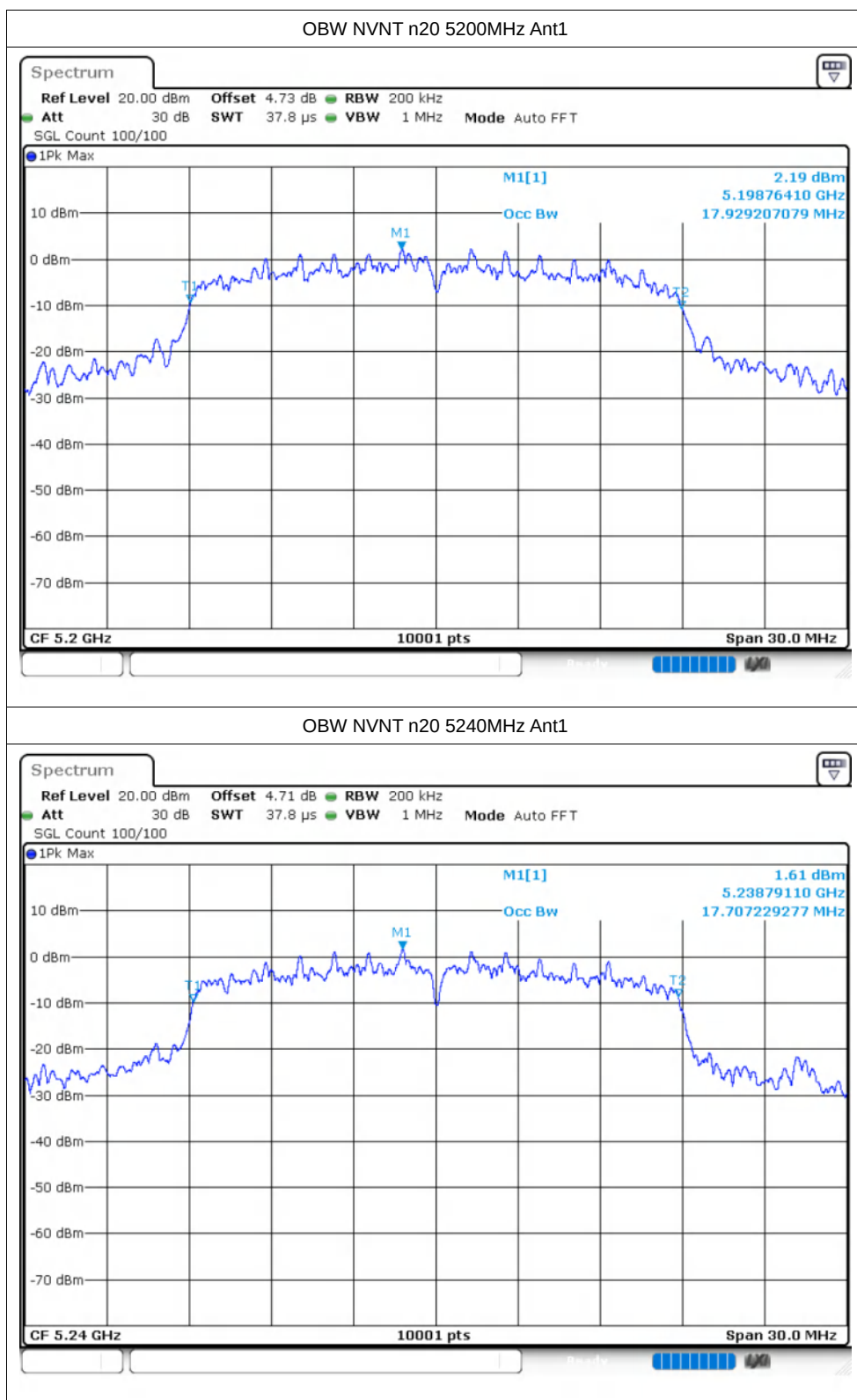
OBW NVNT a 5180MHz Ant1

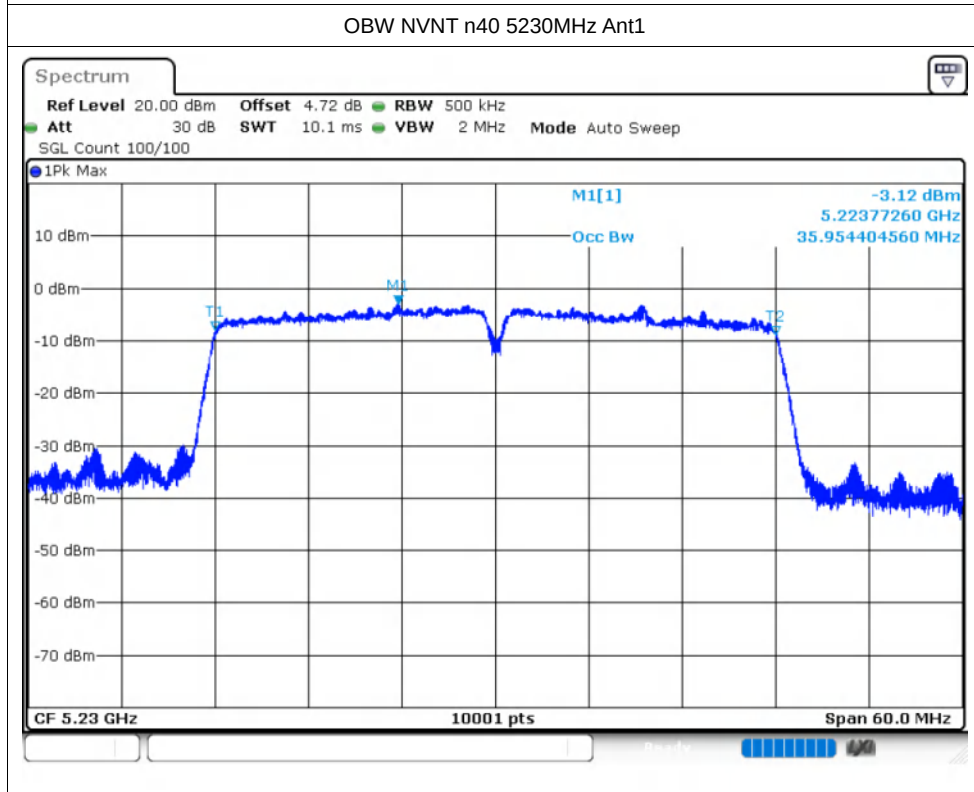
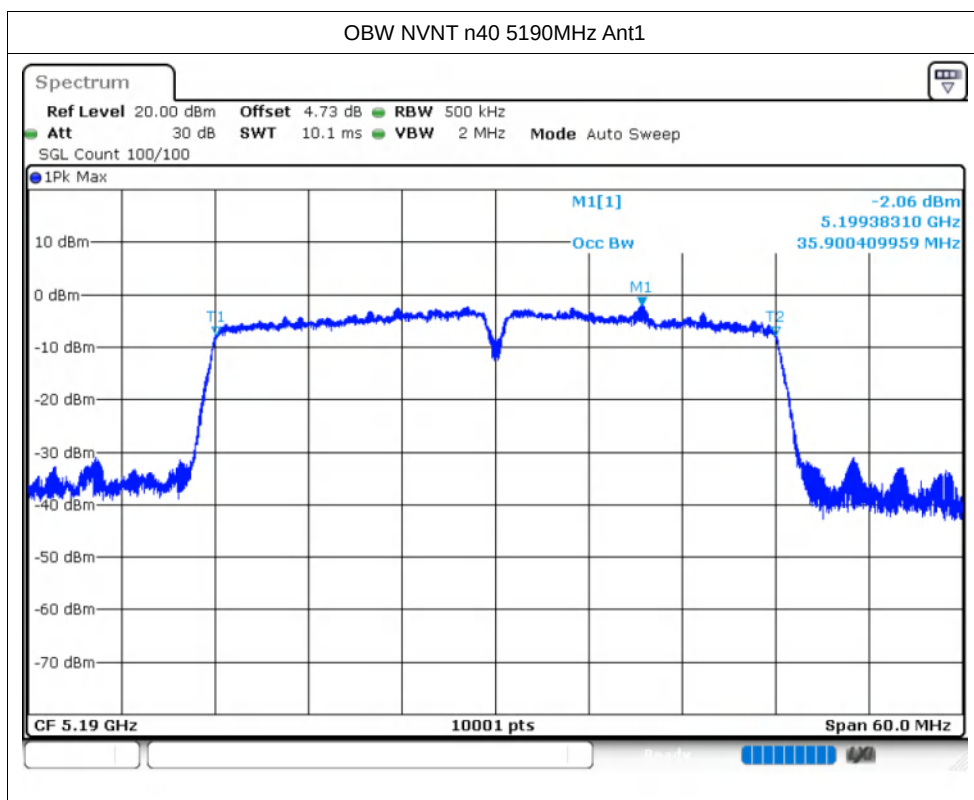


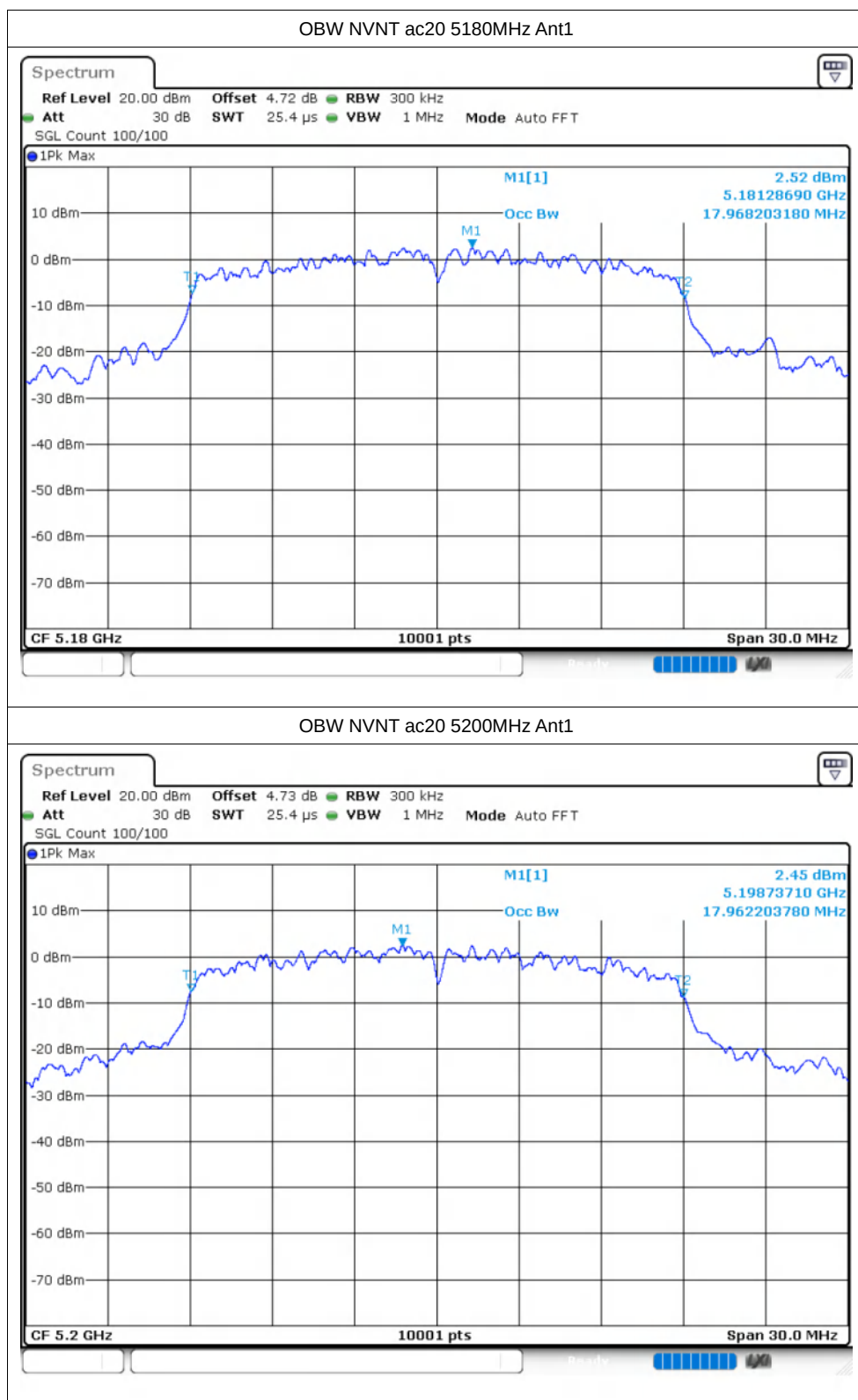
OBW NVNT a 5200MHz Ant1

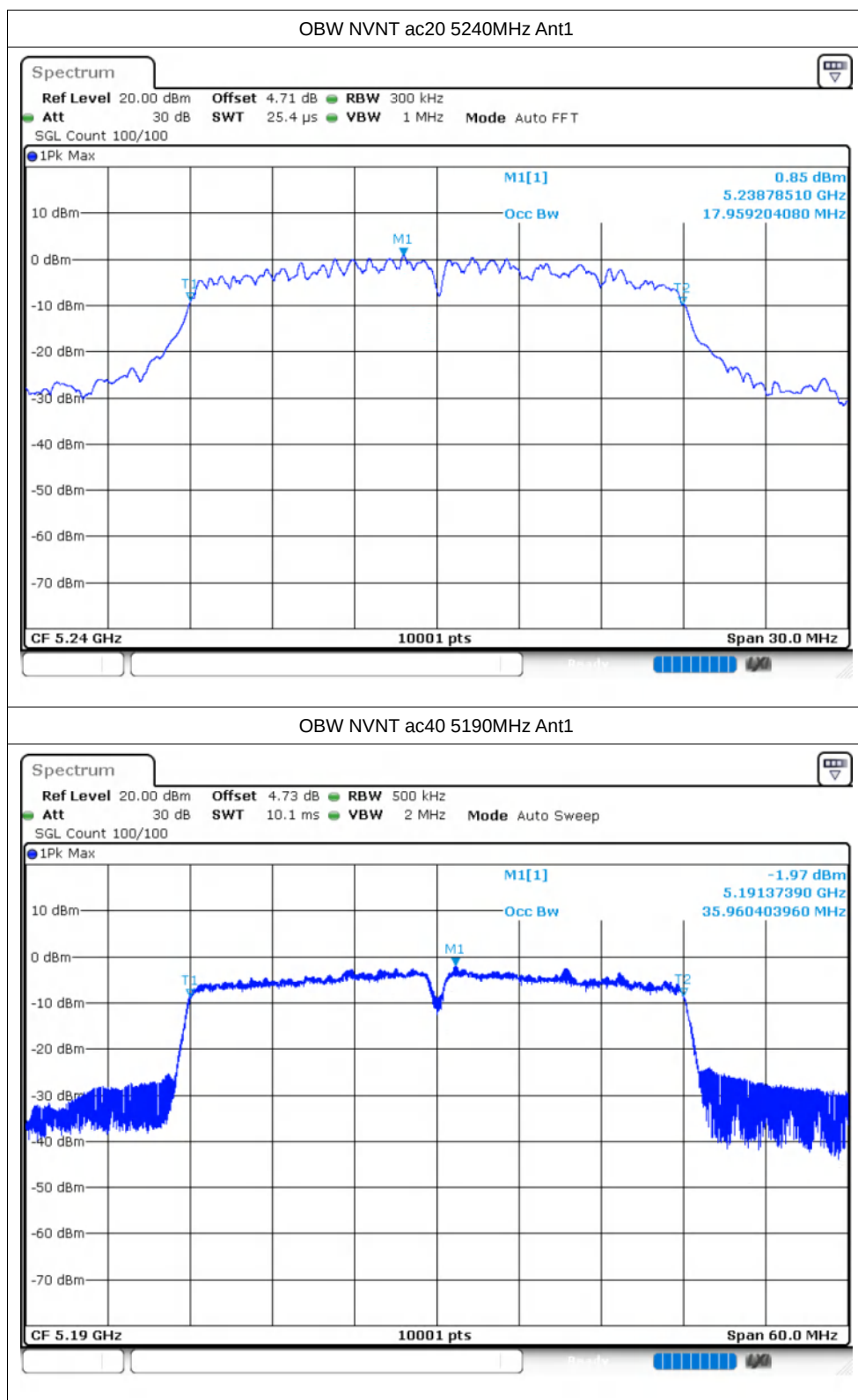


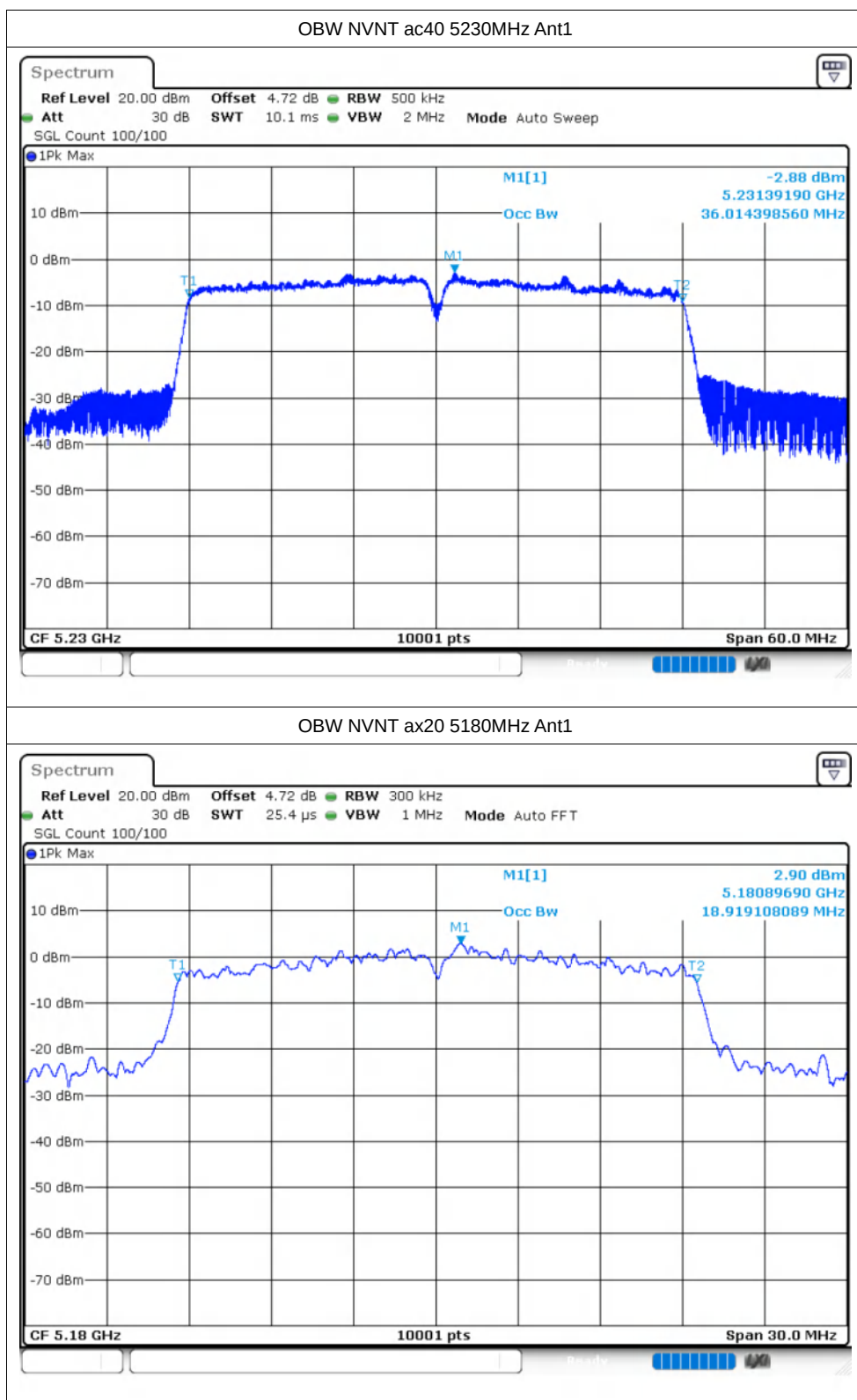


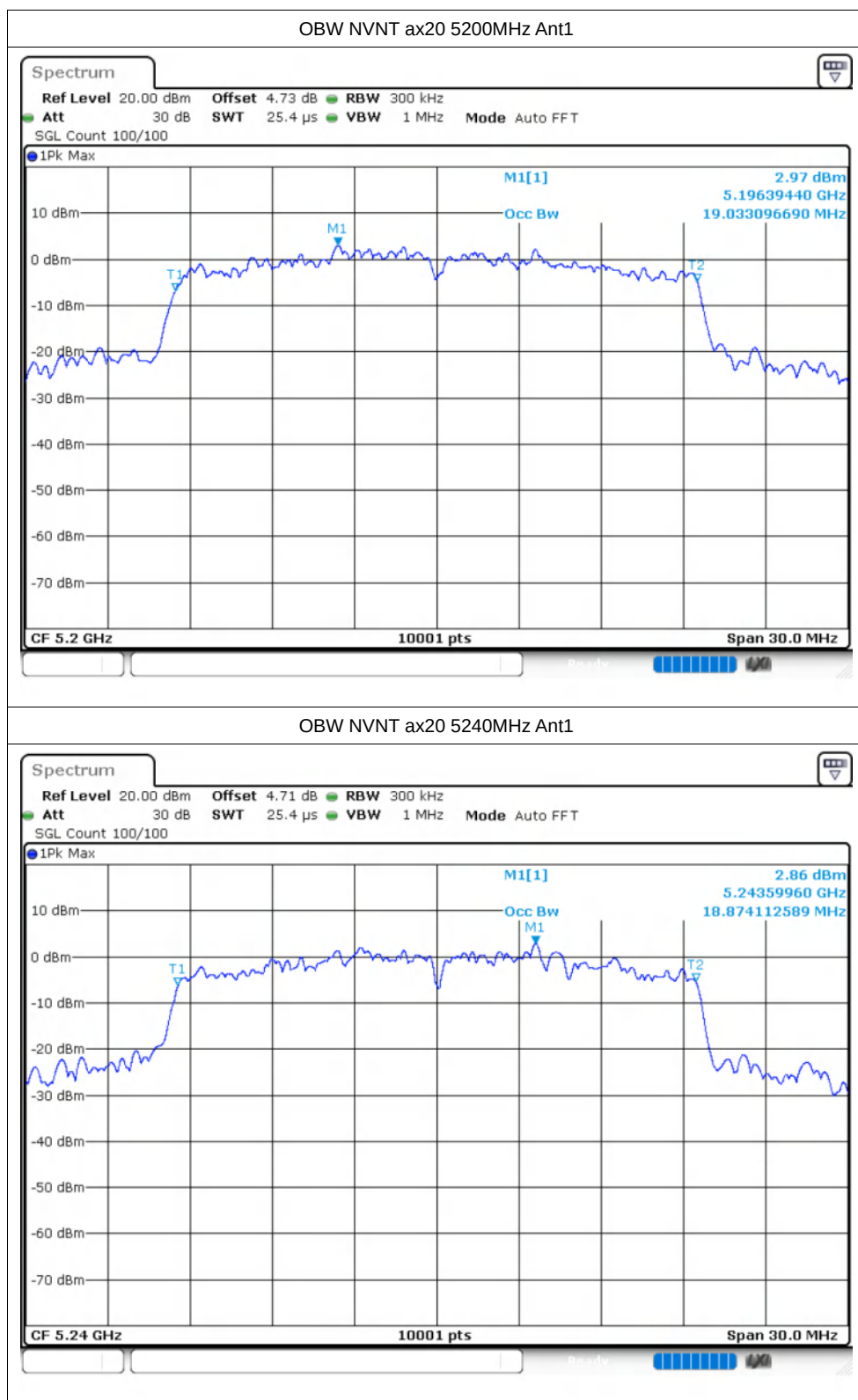


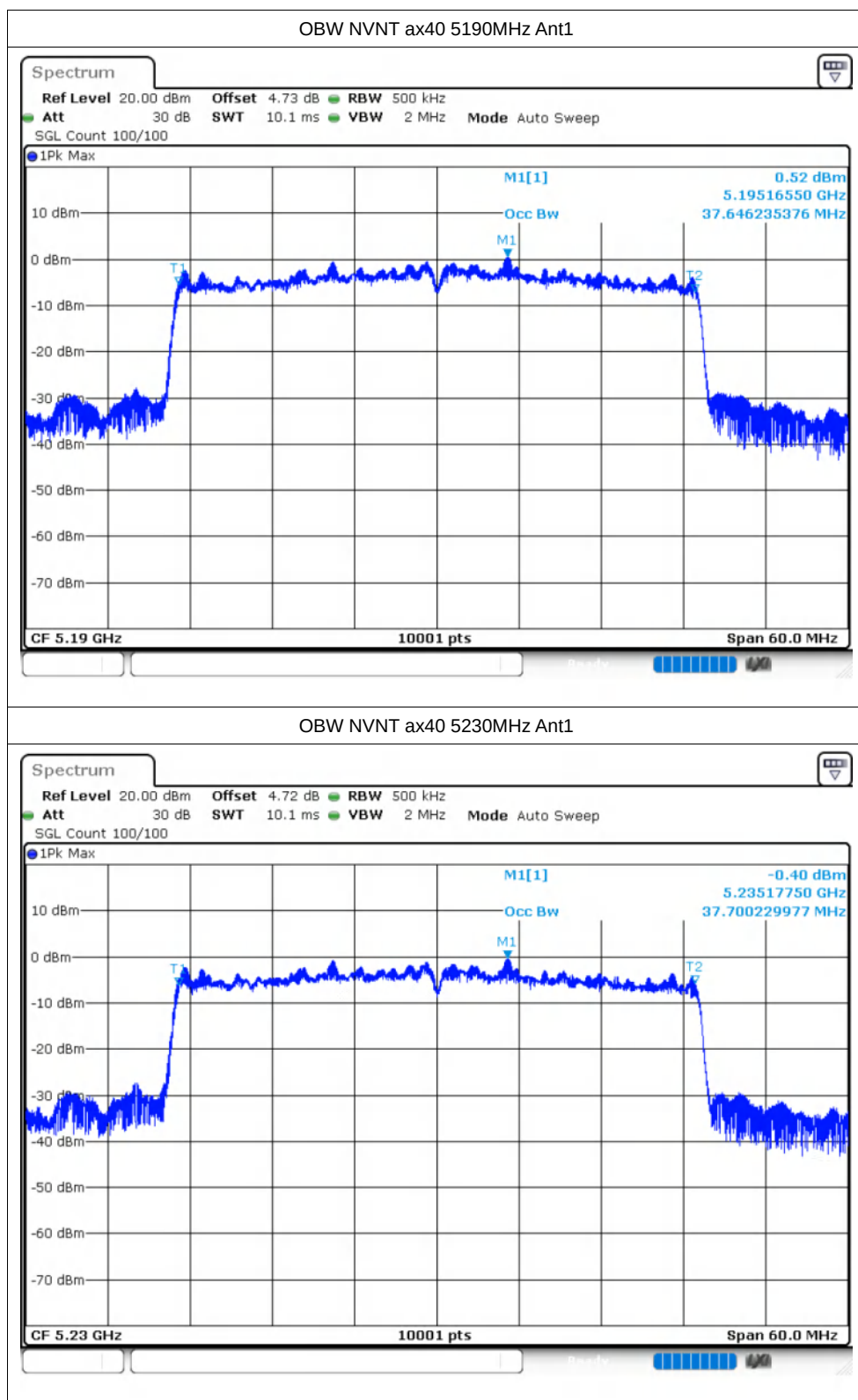










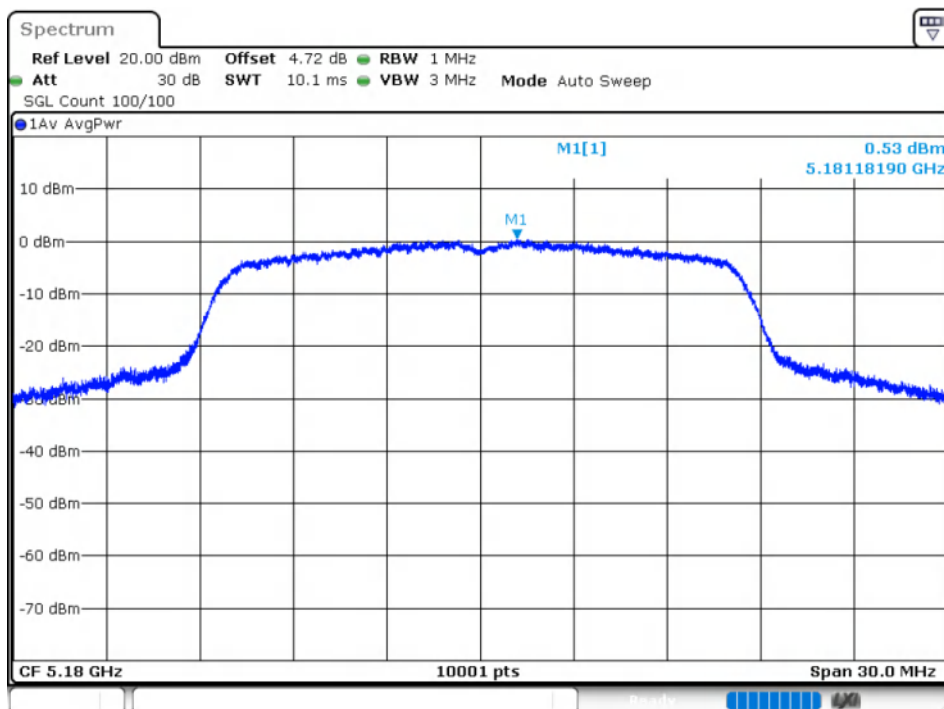


Maximum Power Spectral Density Level

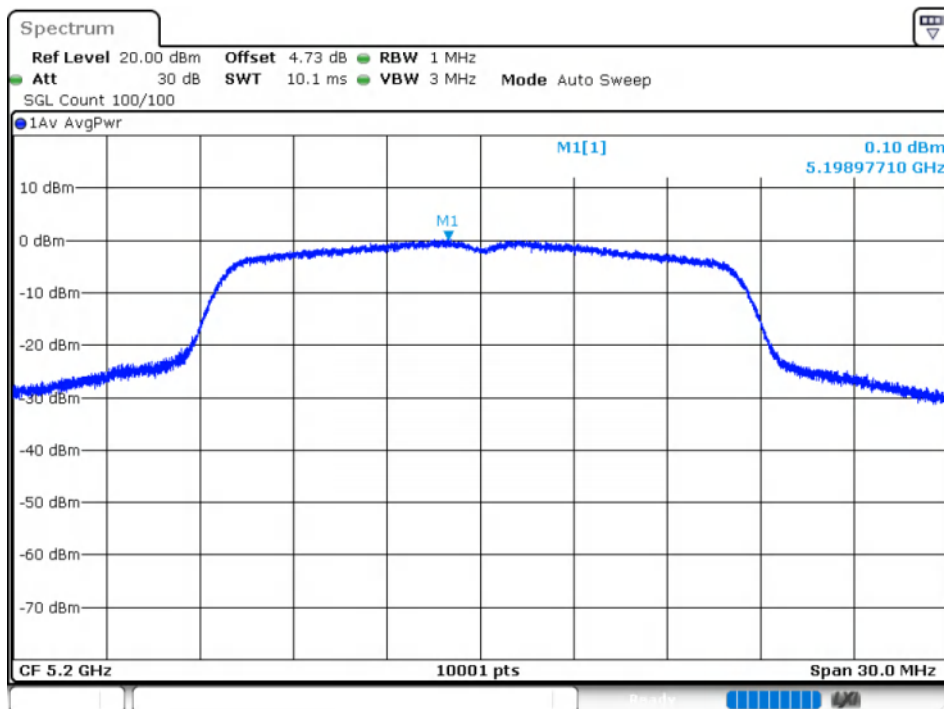
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	0.53	0.74	1.27	11	Pass
NVNT	a	5200	Ant1	0.1	0.74	0.84	11	Pass
NVNT	a	5240	Ant1	-1.33	0.74	-0.59	11	Pass
NVNT	n20	5180	Ant1	-0.35	0.7	0.35	11	Pass
NVNT	n20	5200	Ant1	-0.25	0.7	0.45	11	Pass
NVNT	n20	5240	Ant1	-1.29	0.7	-0.59	11	Pass
NVNT	n40	5190	Ant1	-7.26	0.74	-6.52	11	Pass
NVNT	n40	5230	Ant1	-8.15	0.74	-7.41	11	Pass
NVNT	ac20	5180	Ant1	0.42	0.69	1.11	11	Pass
NVNT	ac20	5200	Ant1	0.28	0.69	0.97	11	Pass
NVNT	ac20	5240	Ant1	-1.6	0.69	-0.91	11	Pass
NVNT	ac40	5190	Ant1	-6.96	0.69	-6.27	11	Pass
NVNT	ac40	5230	Ant1	-7.87	0.69	-7.18	11	Pass
NVNT	ax20	5180	Ant1	-0.29	0.82	0.53	11	Pass
NVNT	ax20	5200	Ant1	0.48	0.82	1.3	11	Pass
NVNT	ax20	5240	Ant1	-1.12	0.82	-0.3	11	Pass
NVNT	ax40	5190	Ant1	-7.05	0.83	-6.22	11	Pass
NVNT	ax40	5230	Ant1	-7.96	0.82	-7.14	11	Pass

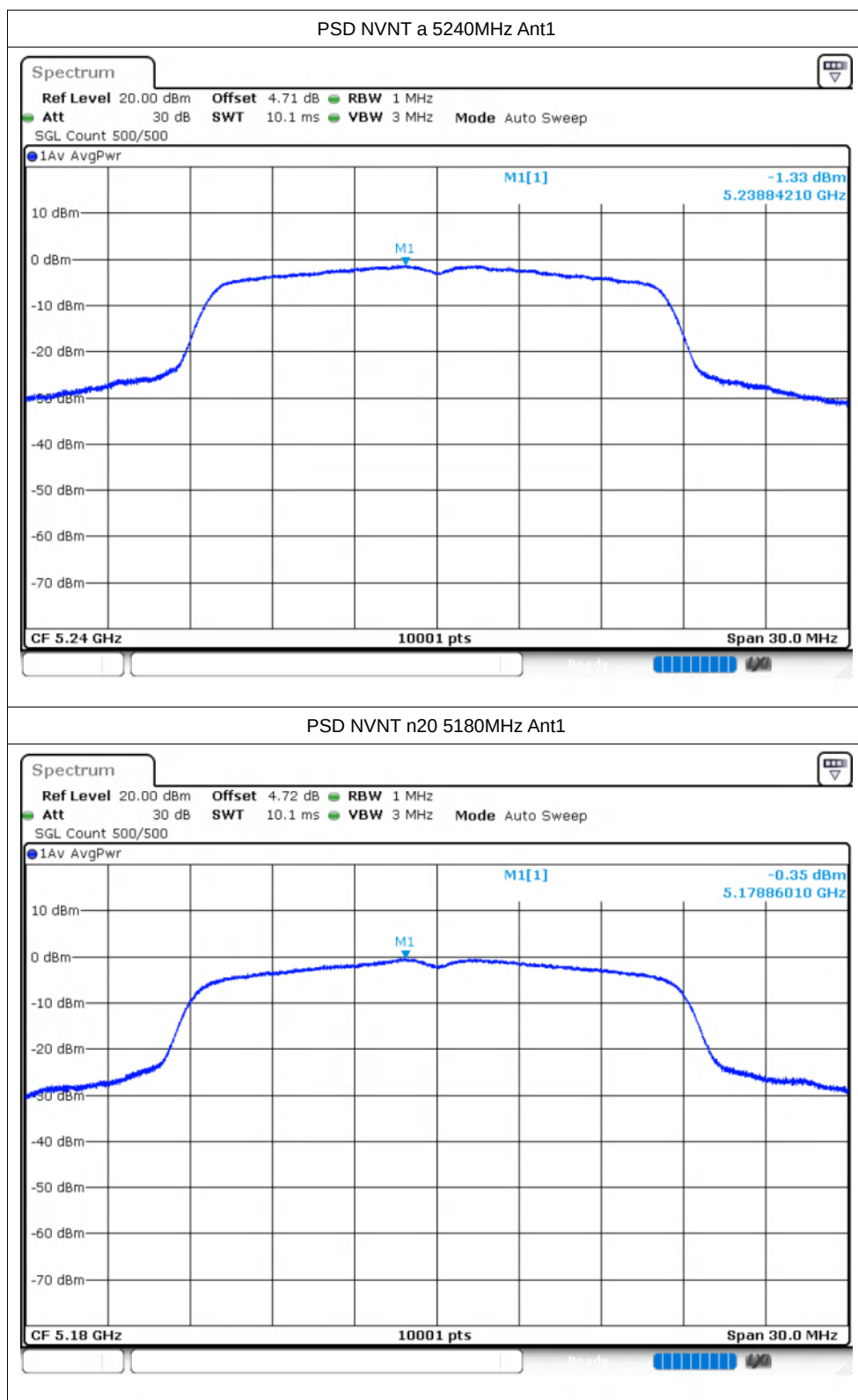
Test Graphs

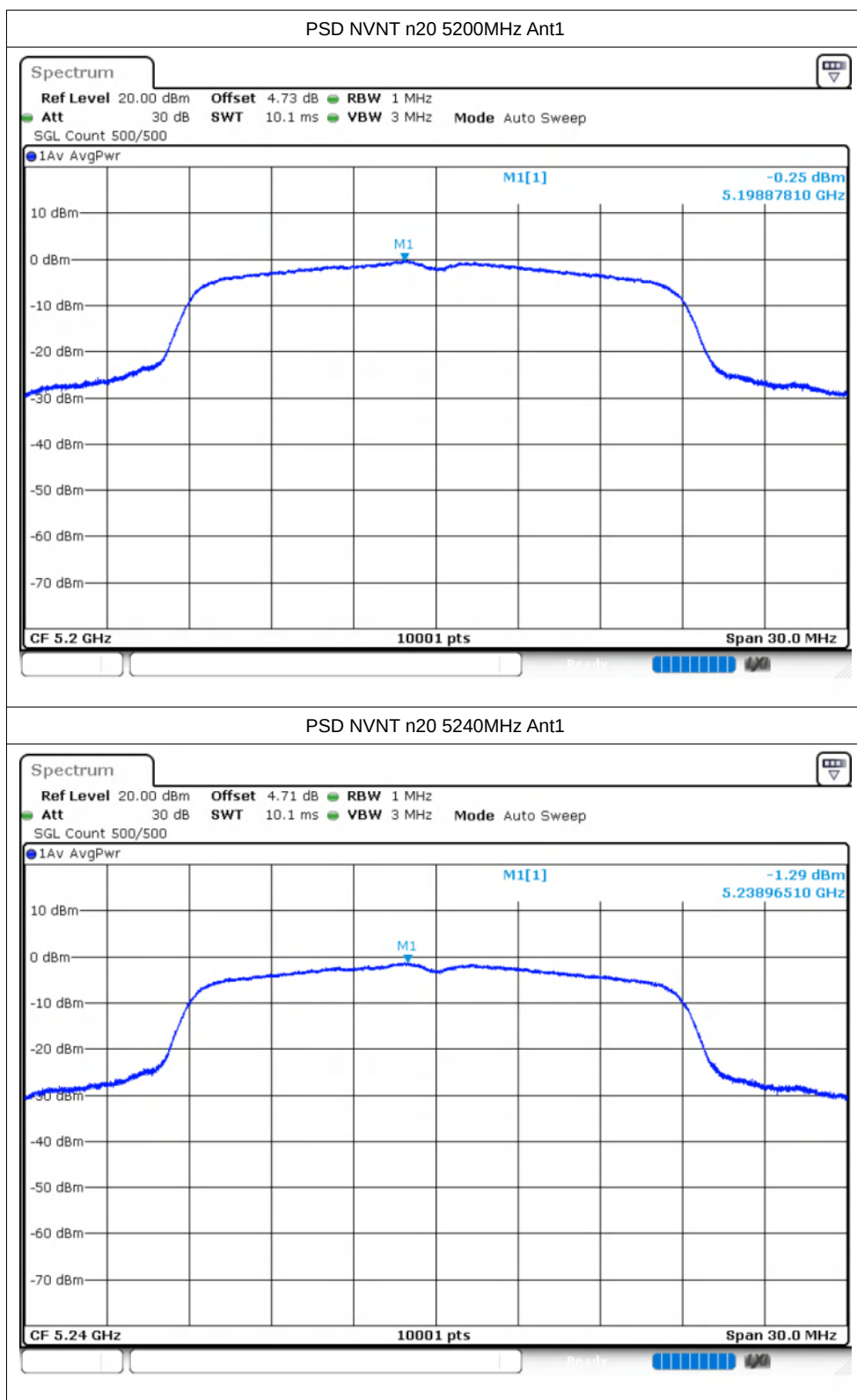
PSD NVNT a 5180MHz Ant1

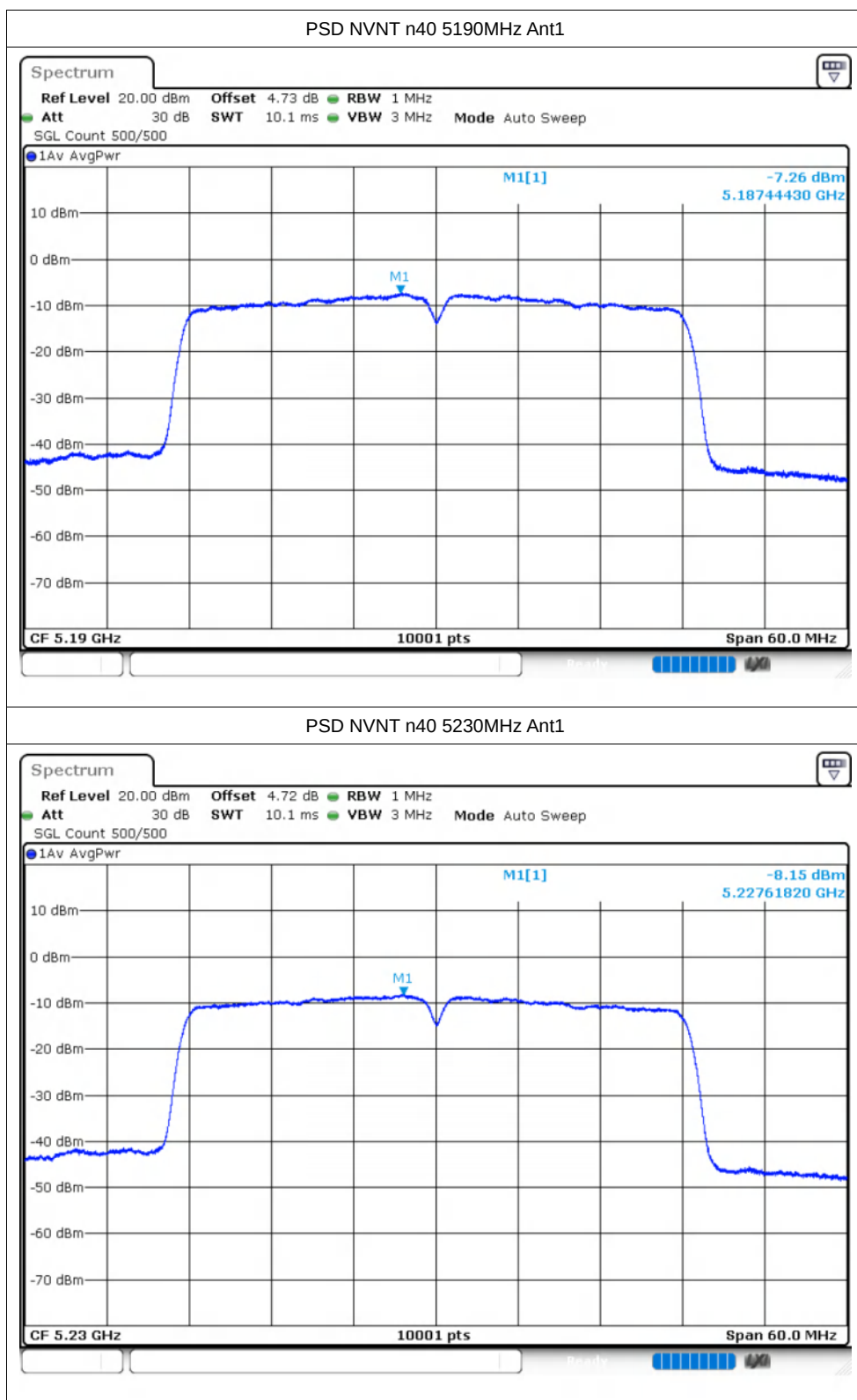


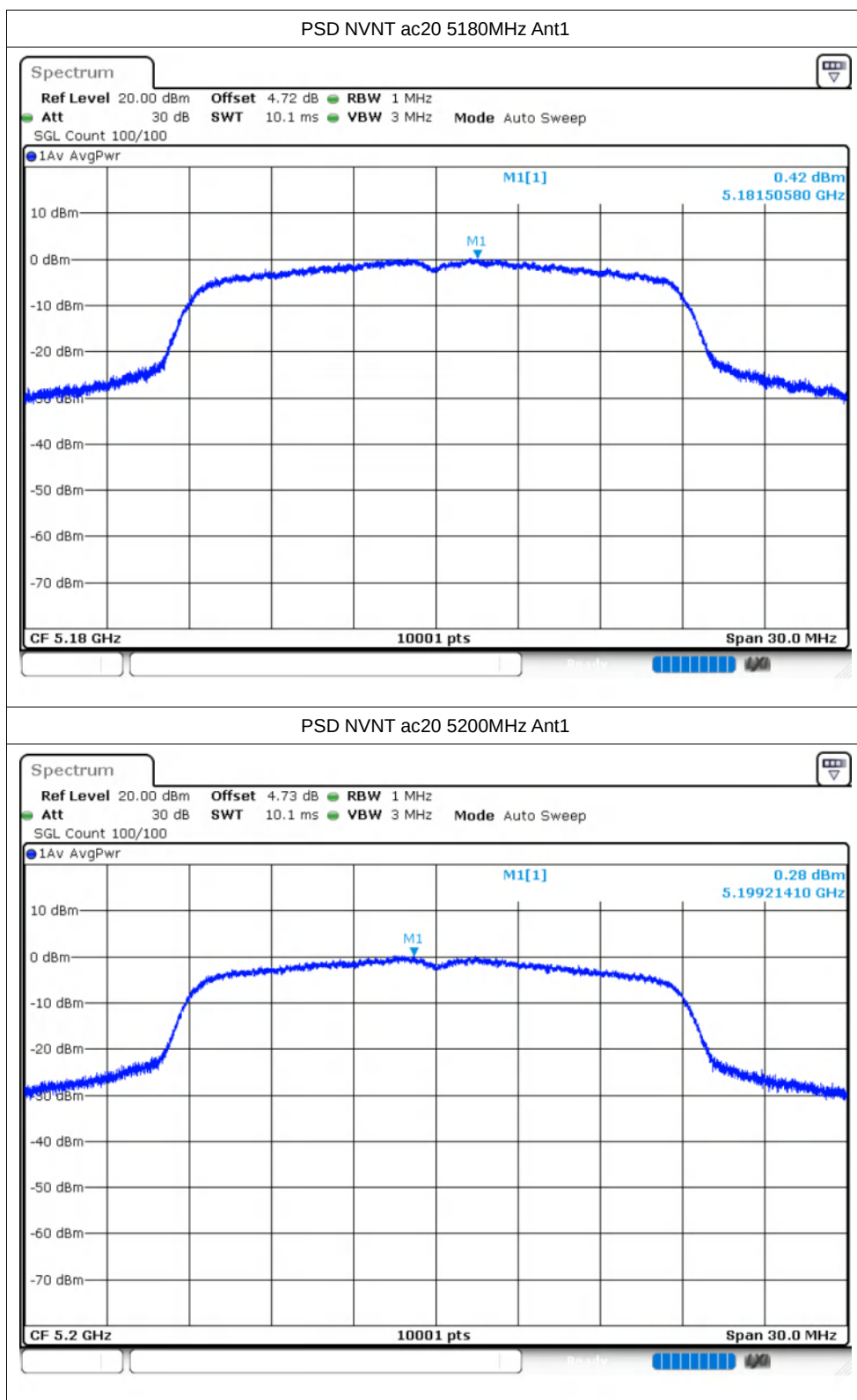
PSD NVNT a 5200MHz Ant1

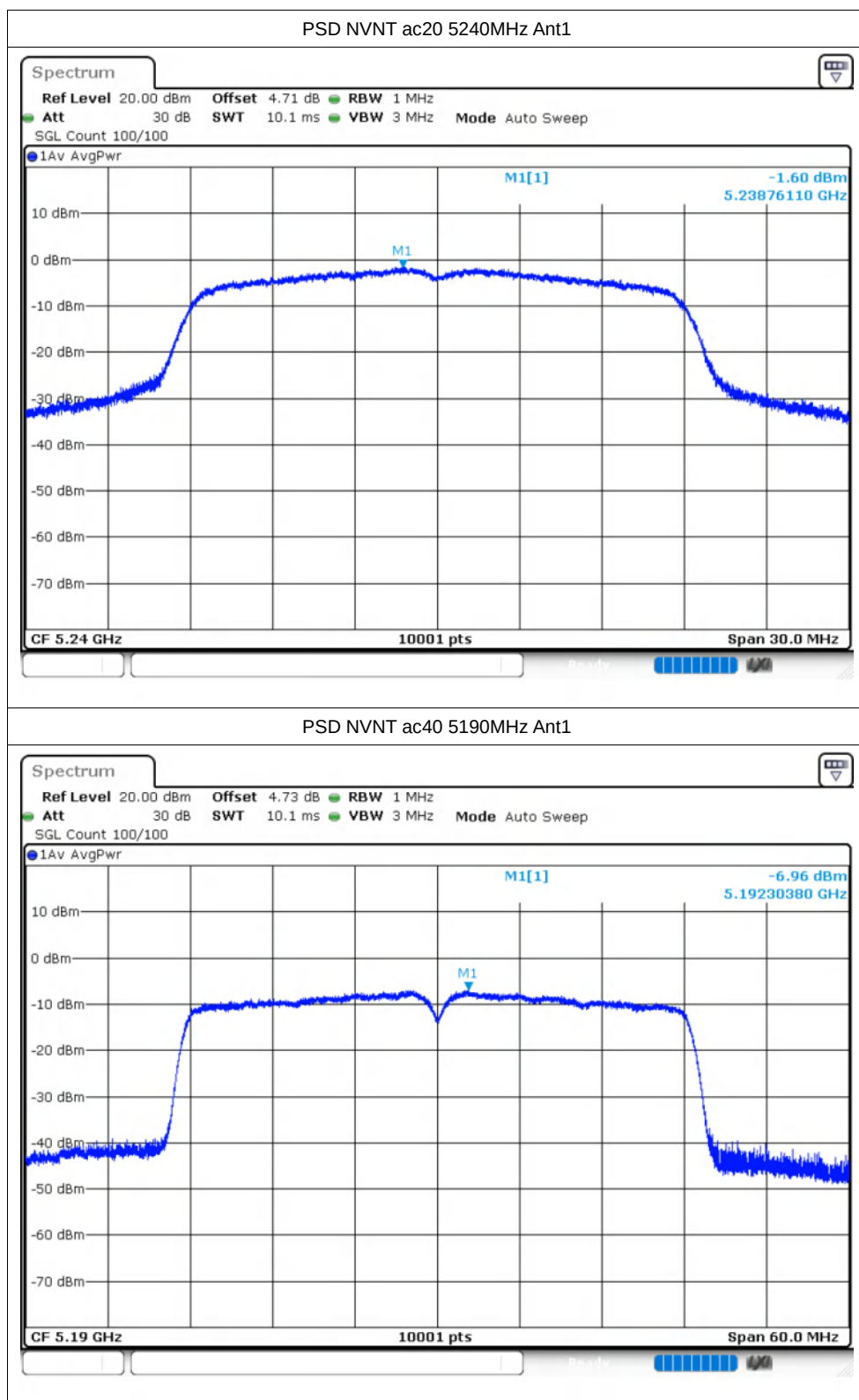


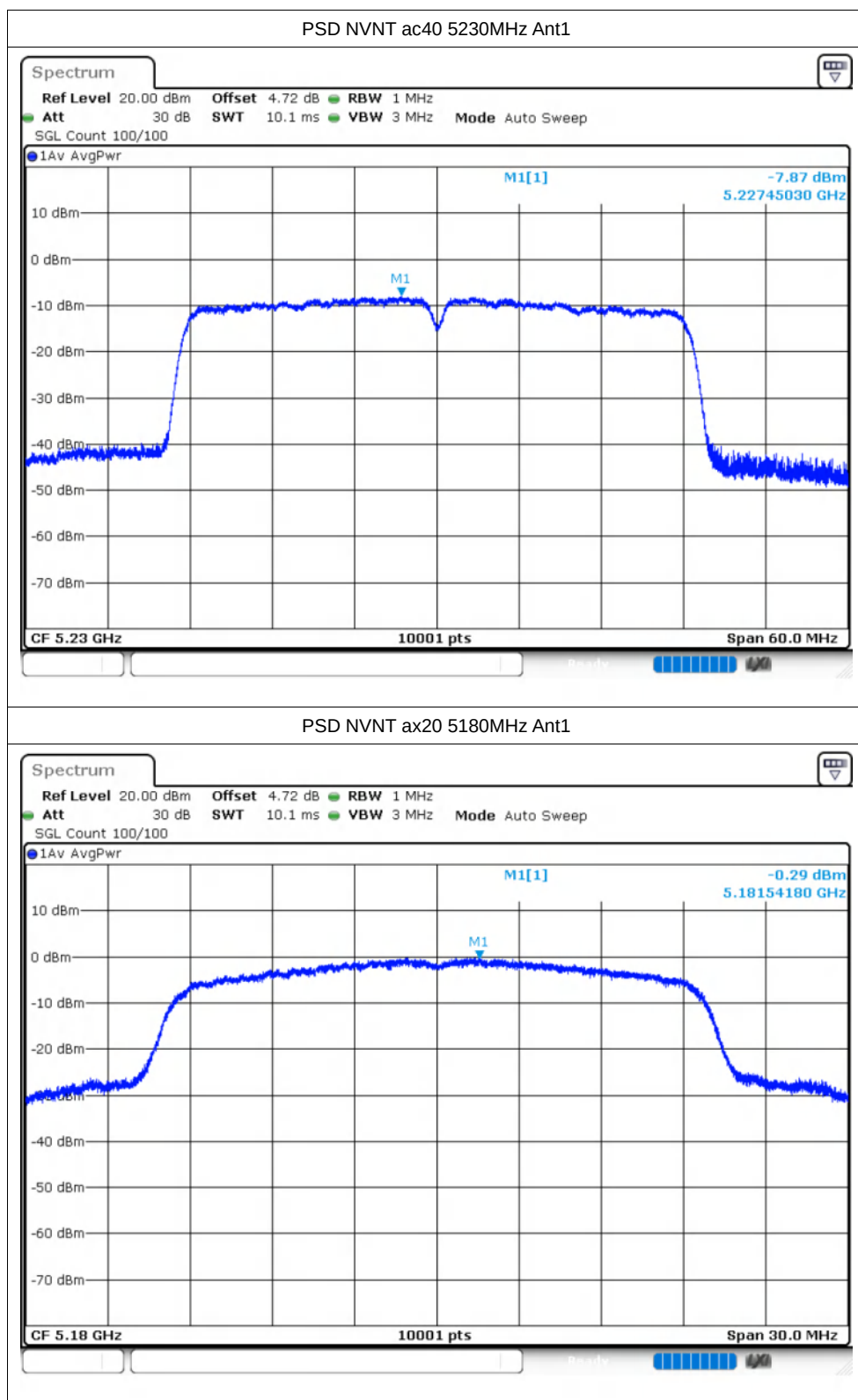


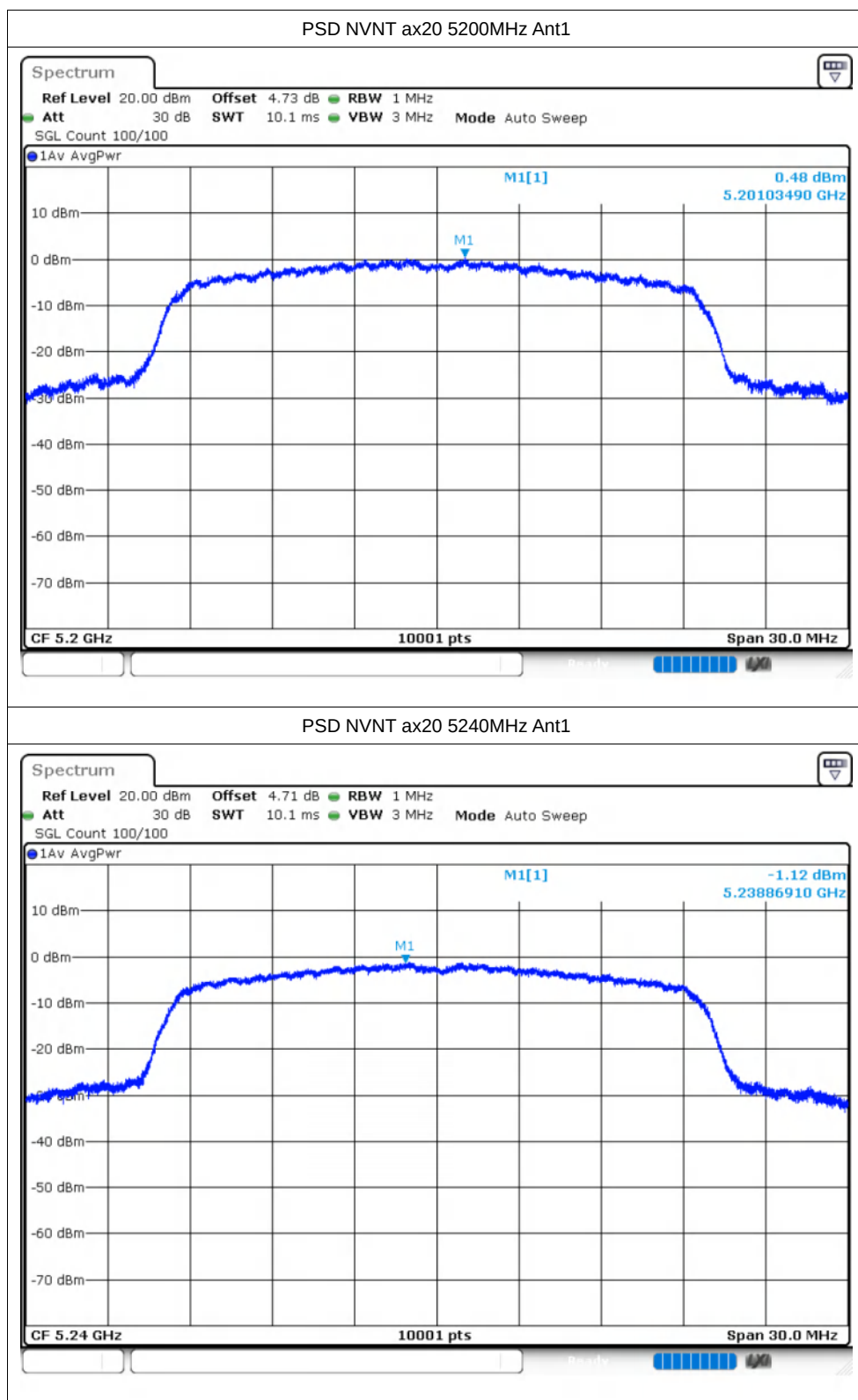


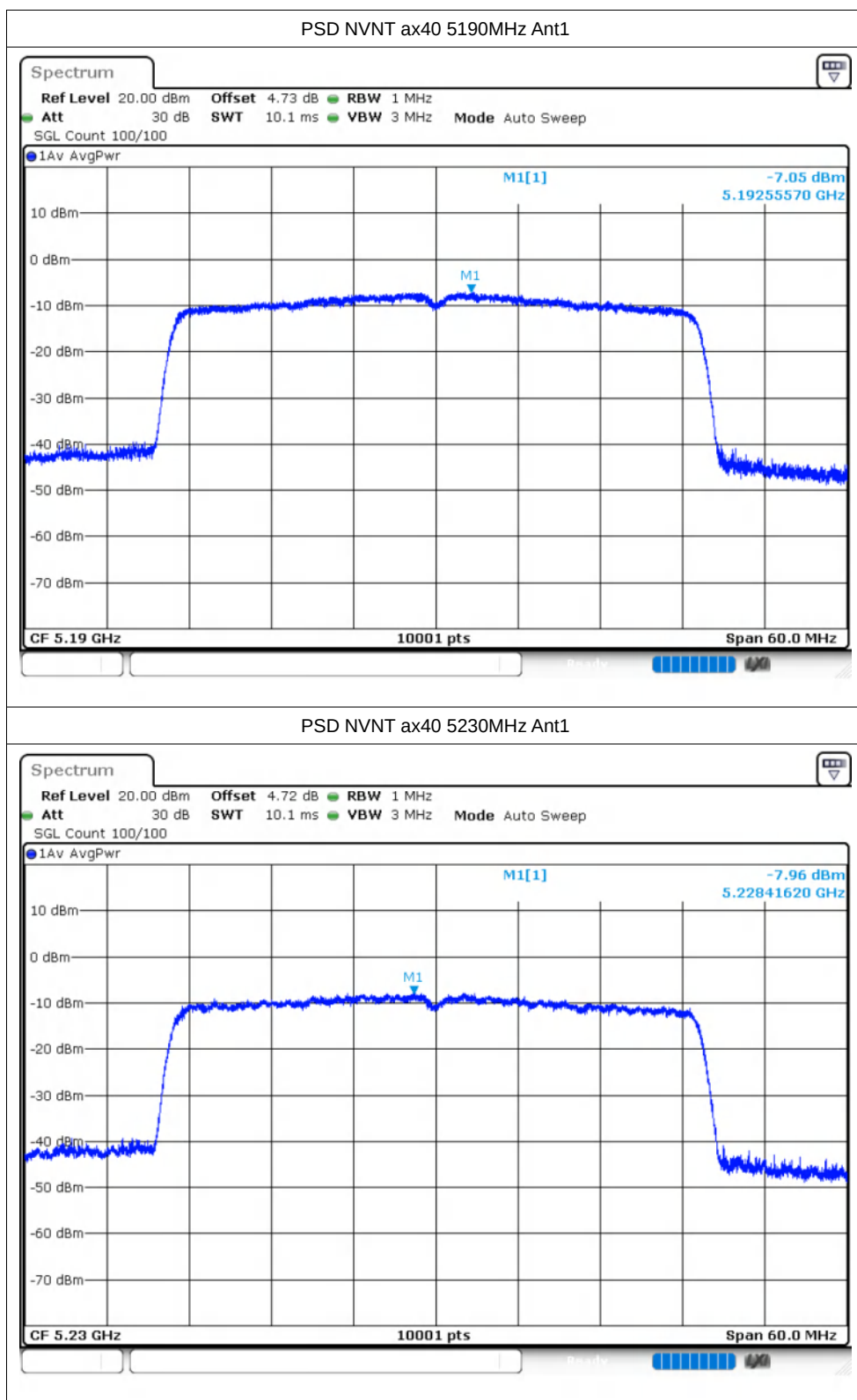












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-29.09	-27	Pass
NVNT	a	5240	Ant1	-39.26	-27	Pass
NVNT	n20	5180	Ant1	-28.04	-27	Pass
NVNT	n20	5240	Ant1	-39.31	-27	Pass
NVNT	n40	5190	Ant1	-31.36	-27	Pass
NVNT	n40	5230	Ant1	-39.4	-27	Pass
NVNT	ac20	5180	Ant1	-27.17	-27	Pass
NVNT	ac20	5240	Ant1	-39.65	-27	Pass
NVNT	ac40	5190	Ant1	-28.74	-27	Pass
NVNT	ac40	5230	Ant1	-38.39	-27	Pass
NVNT	ax20	5180	Ant1	-29.26	-27	Pass
NVNT	ax20	5240	Ant1	-37.93	-27	Pass
NVNT	ax40	5190	Ant1	-29.16	-27	Pass
NVNT	ax40	5230	Ant1	-39.3	-27	Pass

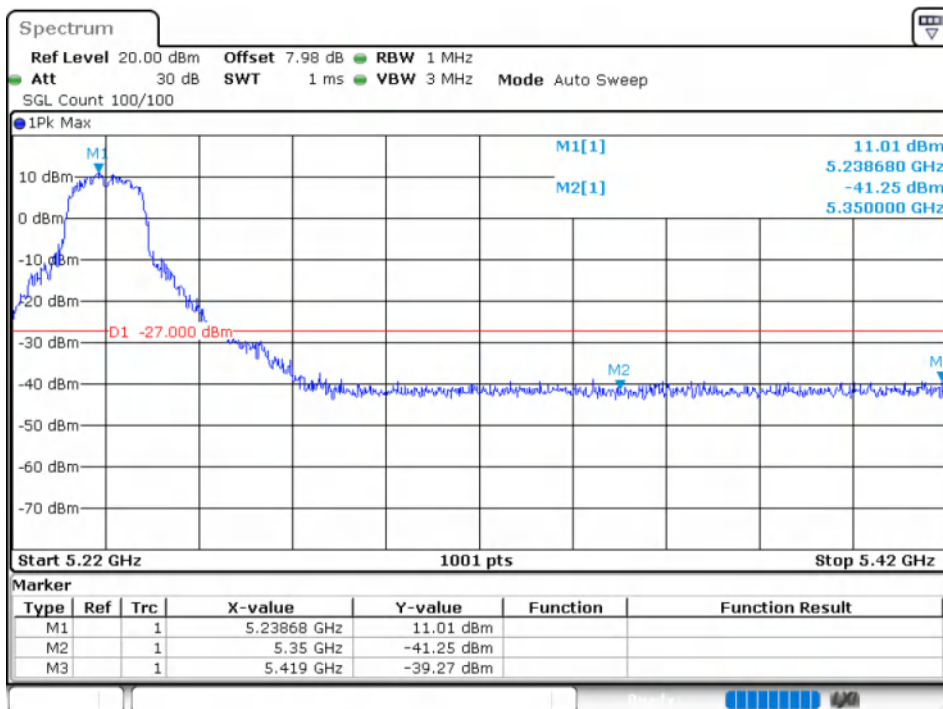
Note: The antenna gain has already been compensated in the offset of SA.

Test Graphs

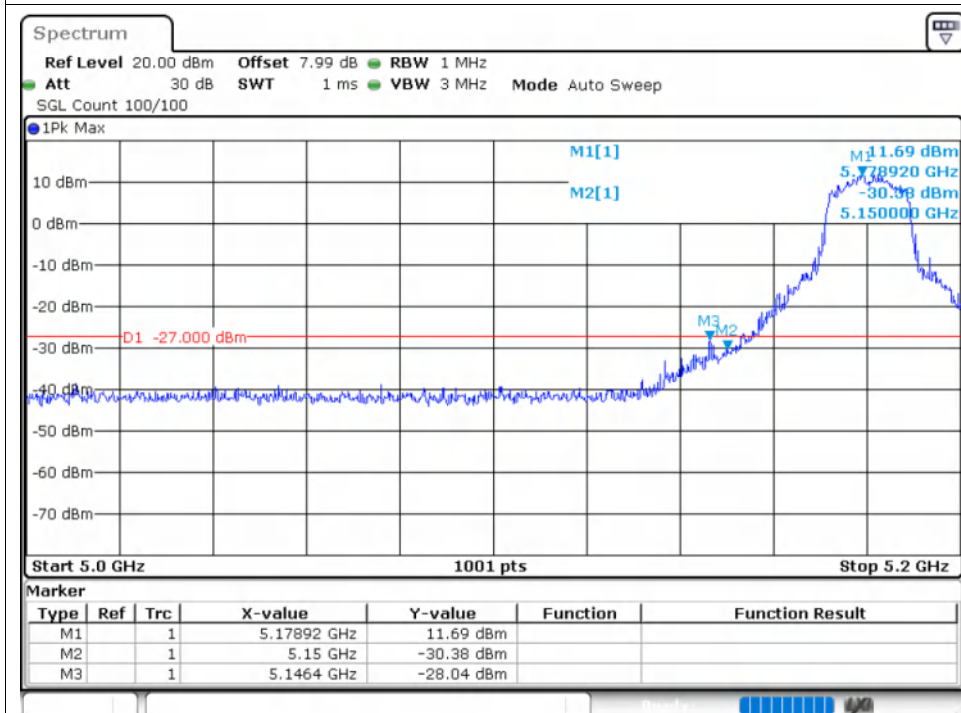
Band Edge NVNT a 5180MHz Low Ant1



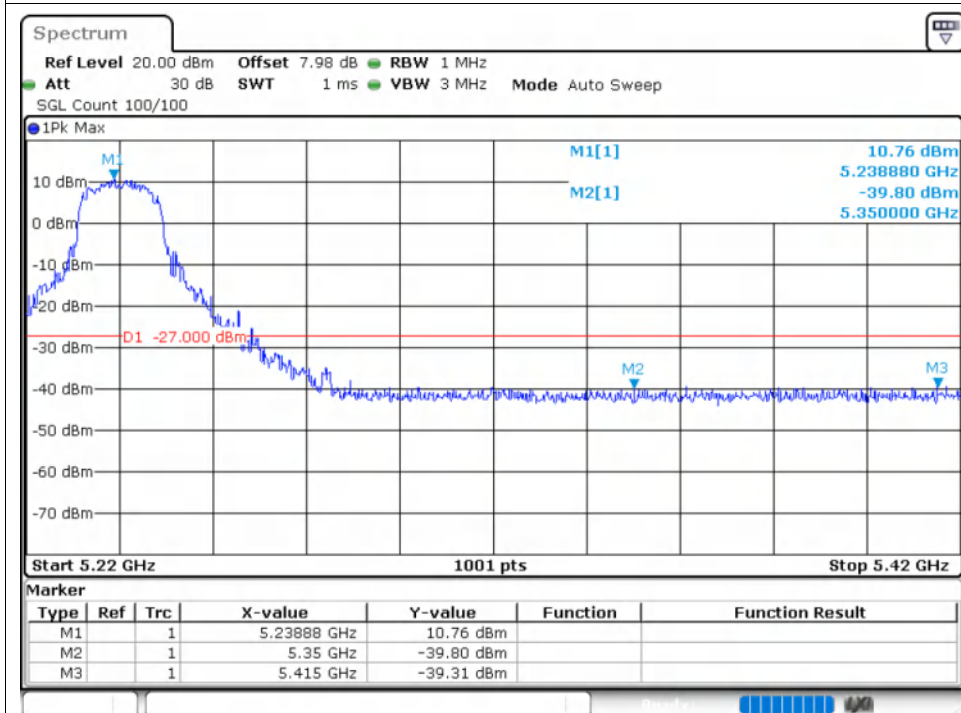
Band Edge NVNT a 5240MHz High Ant1



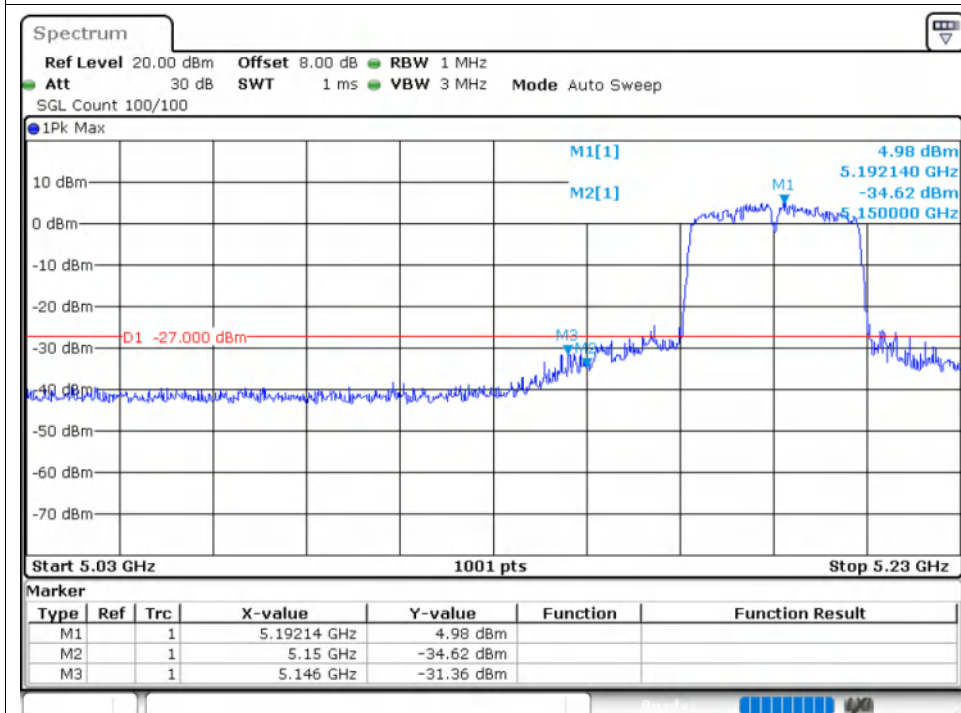
Band Edge NVNT n20 5180MHz Low Ant1



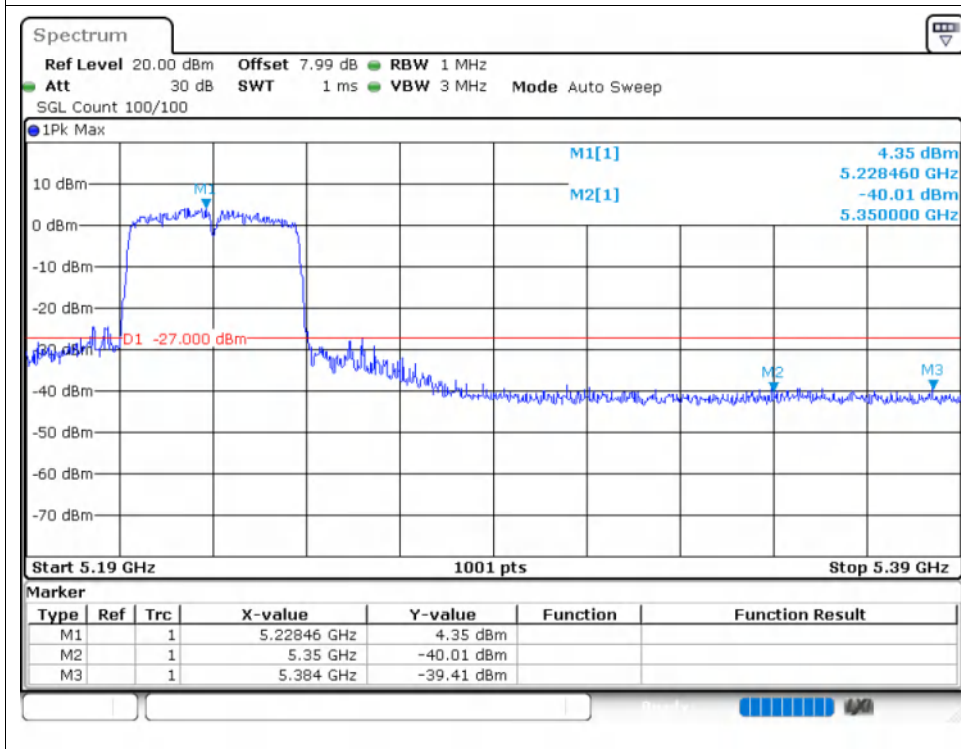
Band Edge NVNT n20 5240MHz High Ant1

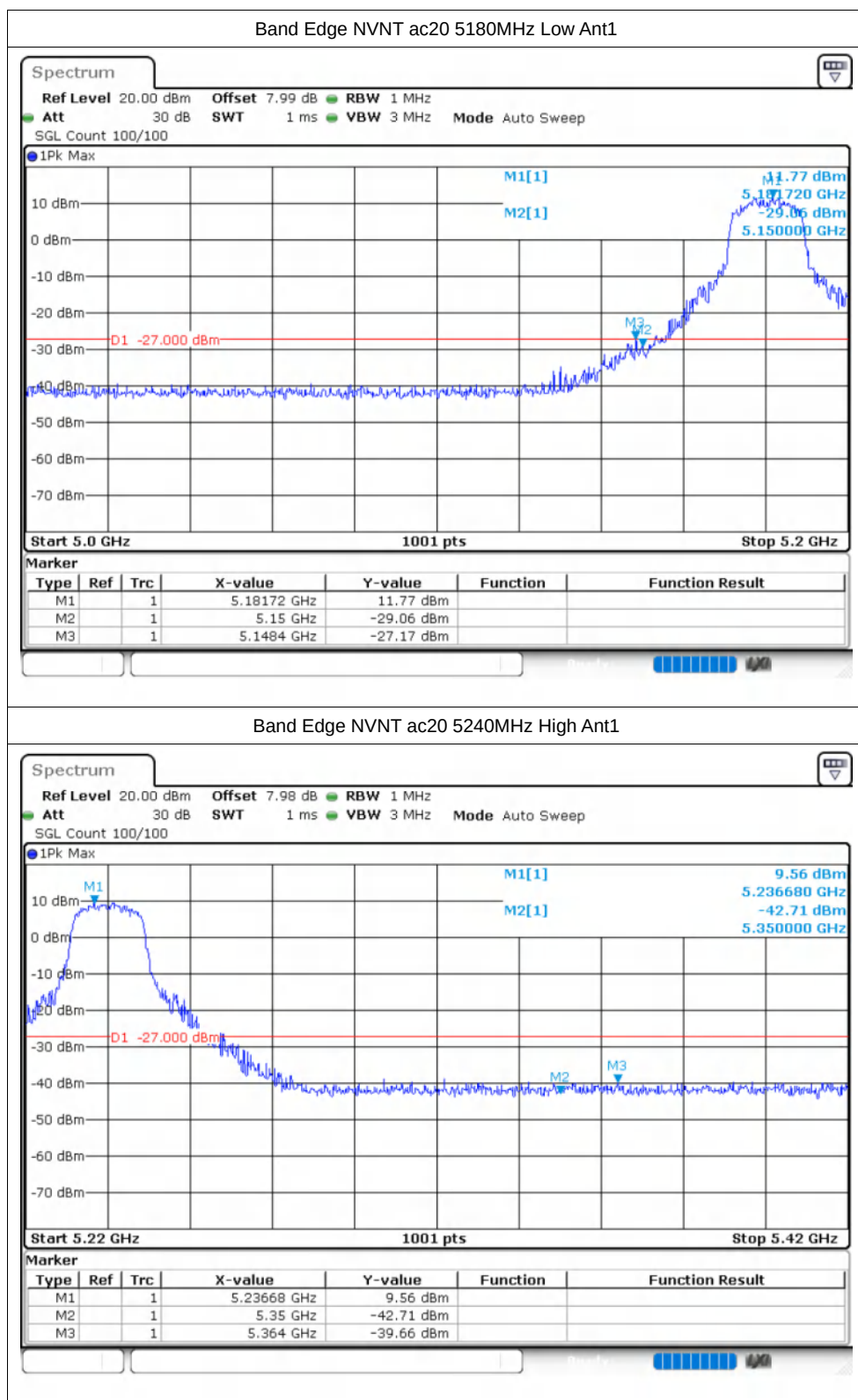


Band Edge NVNT n40 5190MHz Low Ant1

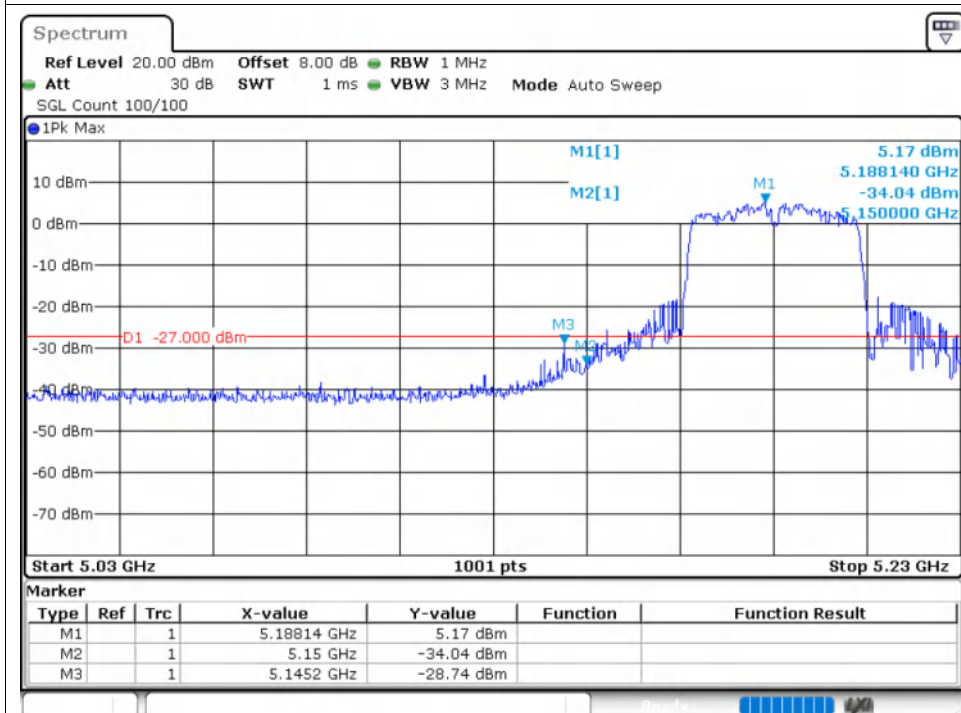


Band Edge NVNT n40 5230MHz High Ant1

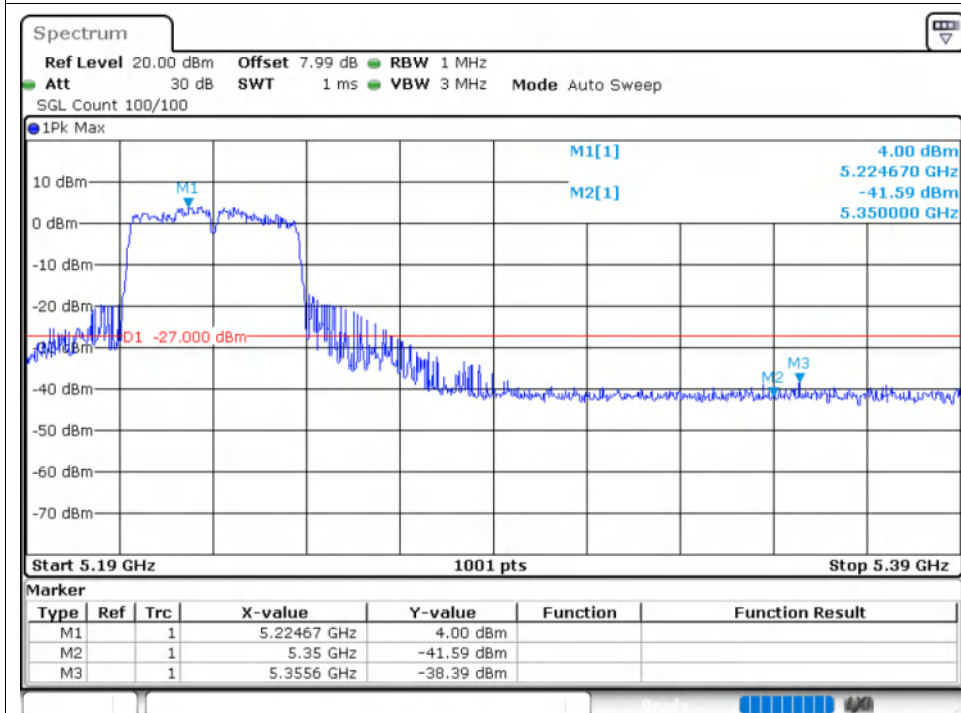




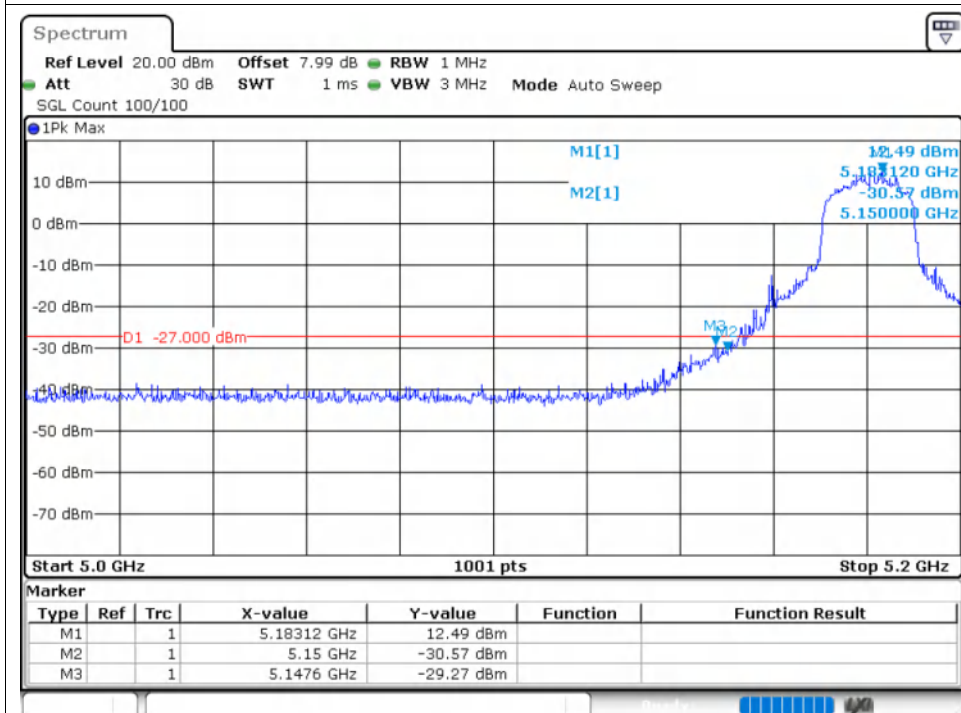
Band Edge NVNT ac40 5190MHz Low Ant1



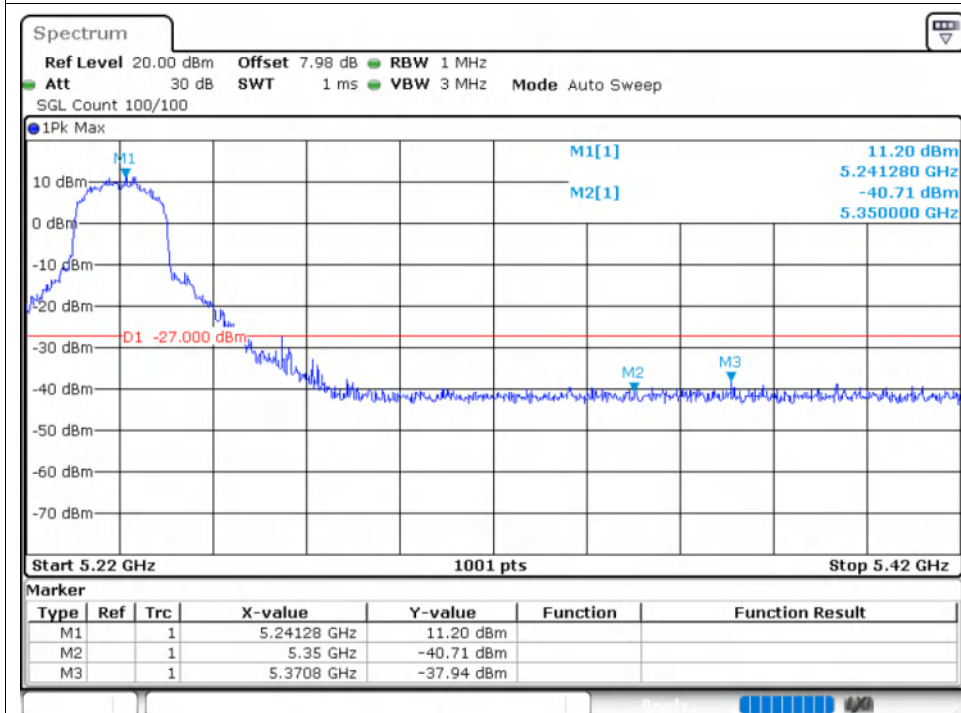
Band Edge NVNT ac40 5230MHz High Ant1



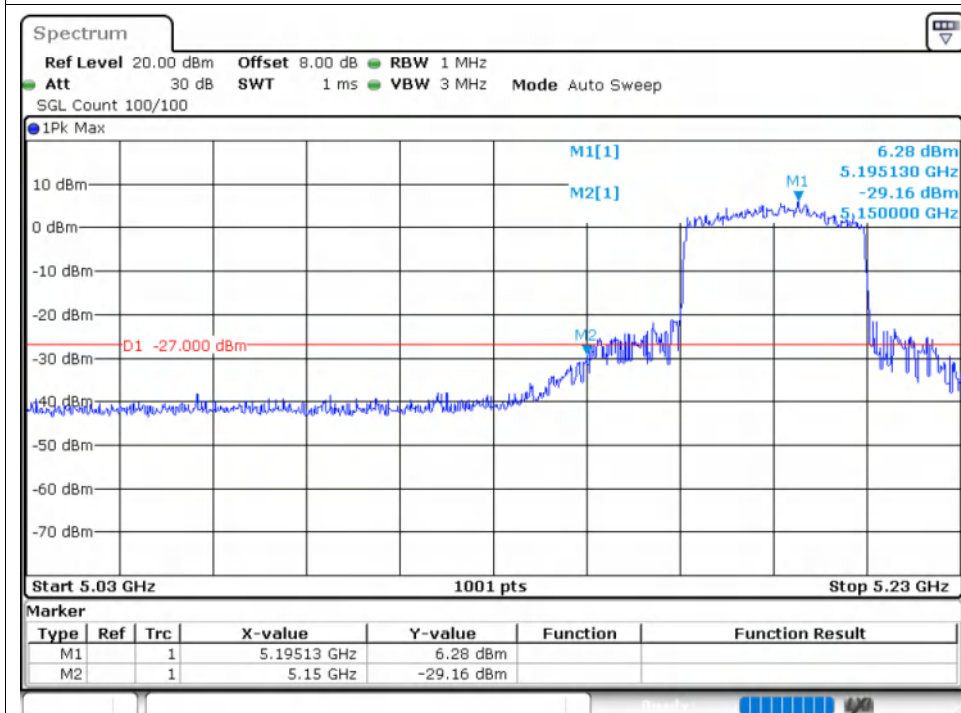
Band Edge NVNT ax20 5180MHz Low Ant1



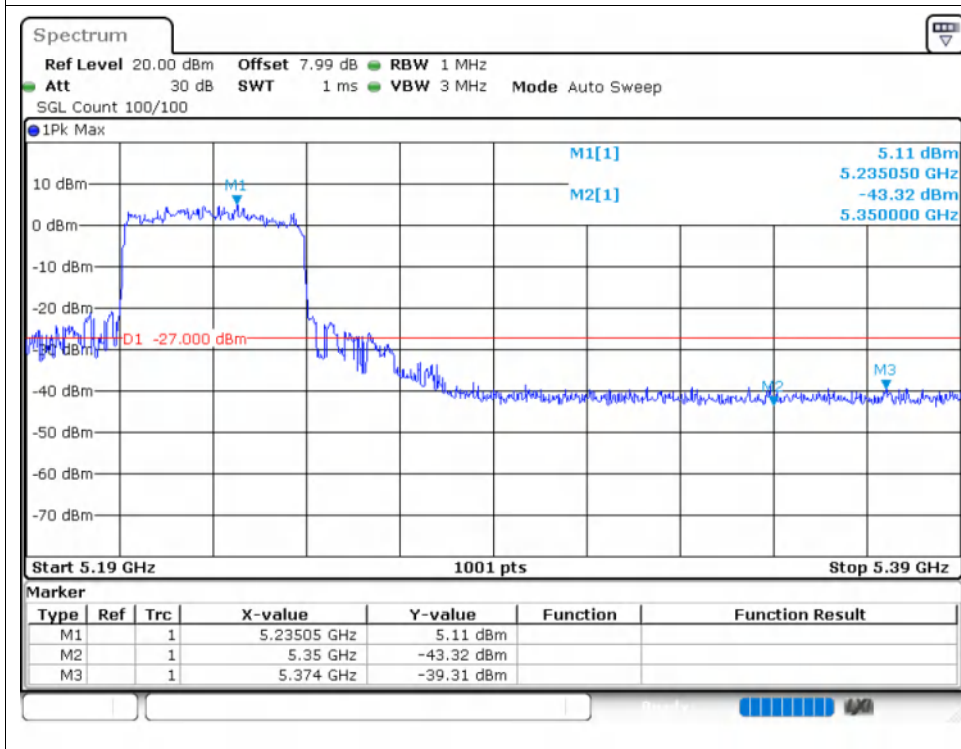
Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1



Band Edge NVNT ax40 5230MHz High Ant1



WIFI 5.8G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	84.39	0.74	3.7
NVNT	a	5785	Ant1	84.4	0.74	3.57
NVNT	a	5825	Ant1	84.4	0.74	3.7
NVNT	n20	5745	Ant1	85.09	0.7	3.45
NVNT	n20	5785	Ant1	85.04	0.7	3.45
NVNT	n20	5825	Ant1	85.1	0.7	3.45
NVNT	n40	5755	Ant1	84.43	0.73	3.45
NVNT	n40	5795	Ant1	84.42	0.74	3.45
NVNT	ac20	5745	Ant1	85.24	0.69	3.45
NVNT	ac20	5785	Ant1	85.26	0.69	3.33
NVNT	ac20	5825	Ant1	85.31	0.69	3.33
NVNT	ac40	5755	Ant1	85.29	0.69	3.45
NVNT	ac40	5795	Ant1	85.3	0.69	3.33
NVNT	ax20	5745	Ant1	82.65	0.83	3.85
NVNT	ax20	5785	Ant1	82.6	0.83	3.85
NVNT	ax20	5825	Ant1	82.68	0.83	3.7
NVNT	ax40	5755	Ant1	82.67	0.83	3.85
NVNT	ax40	5795	Ant1	82.65	0.83	3.85