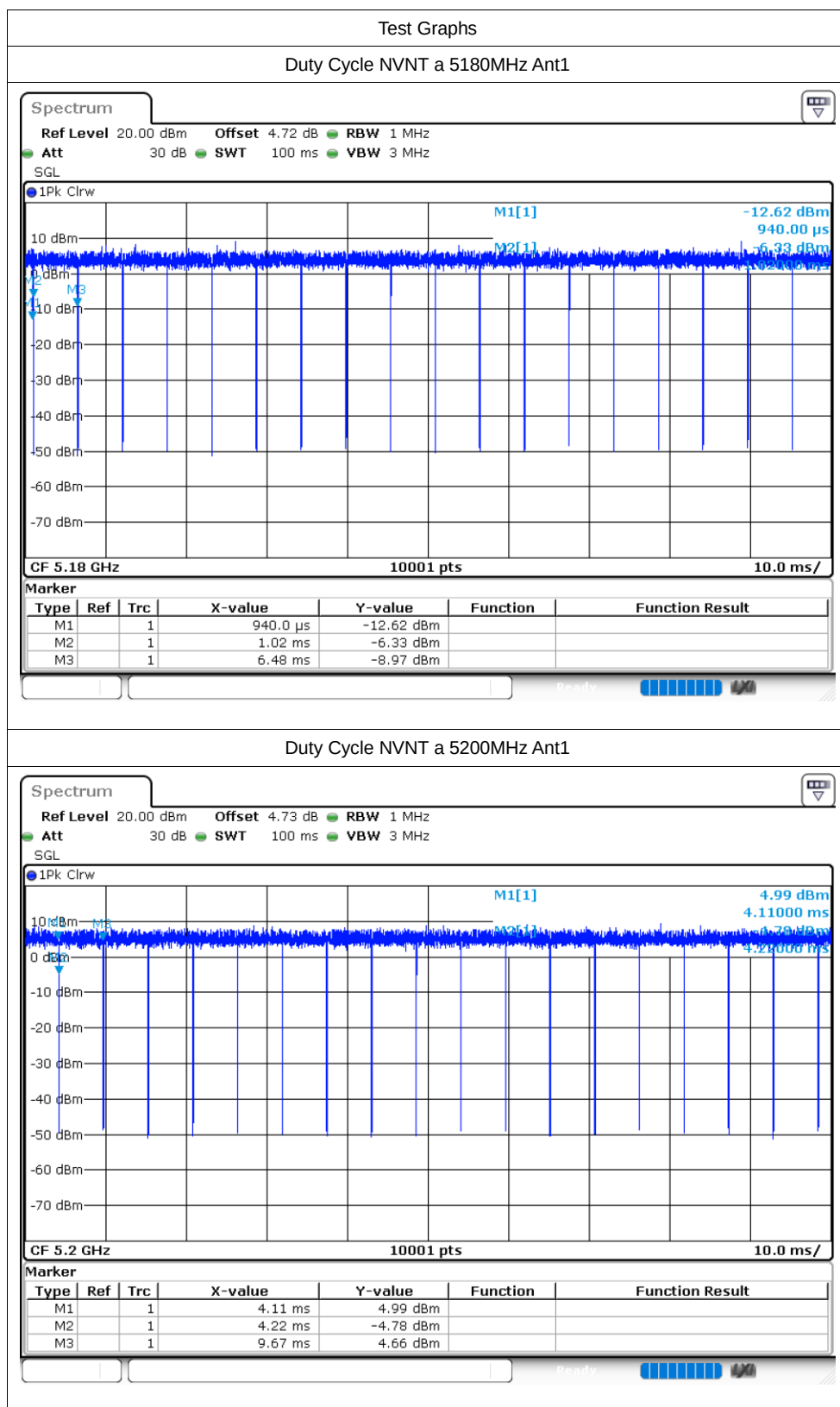
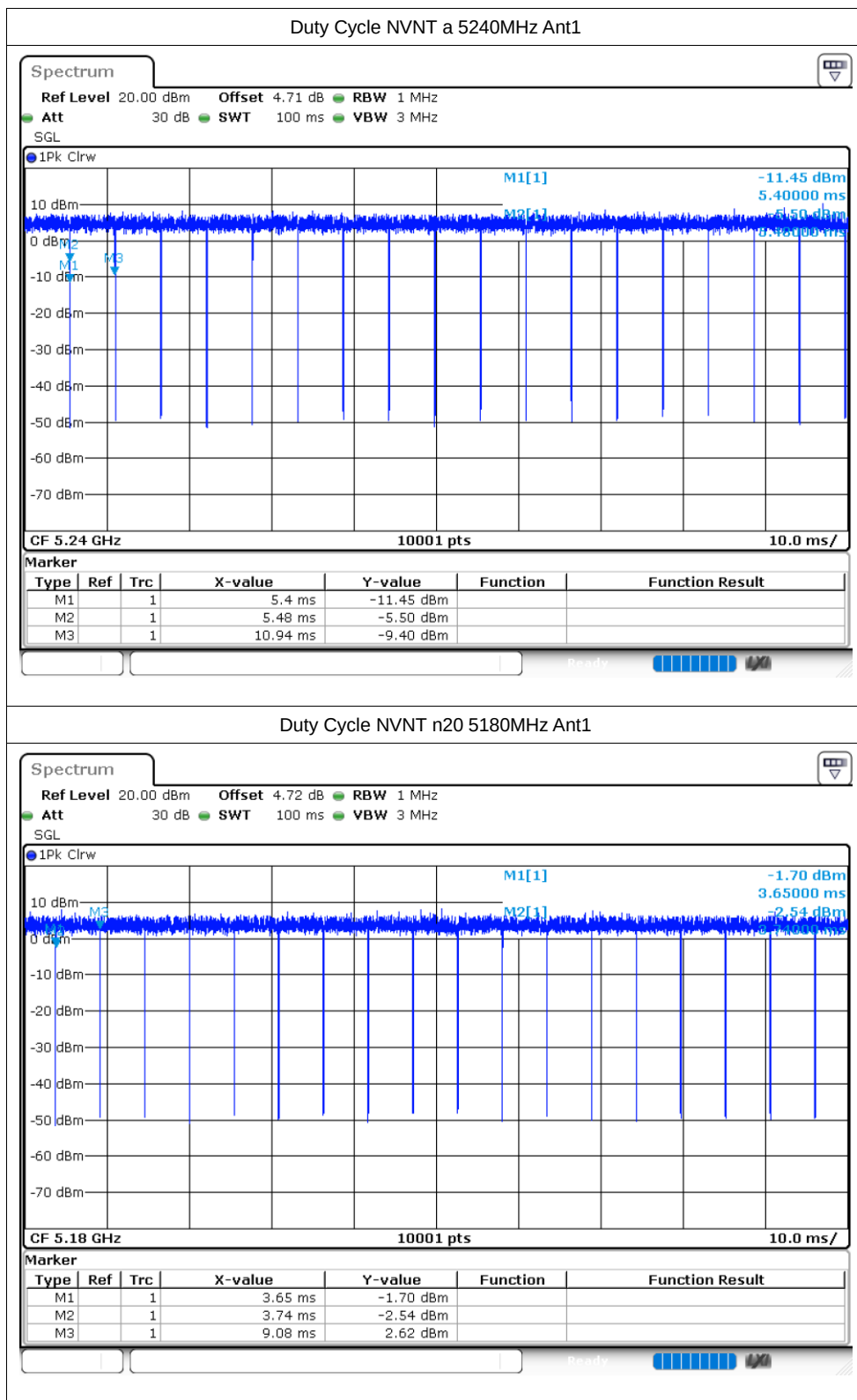


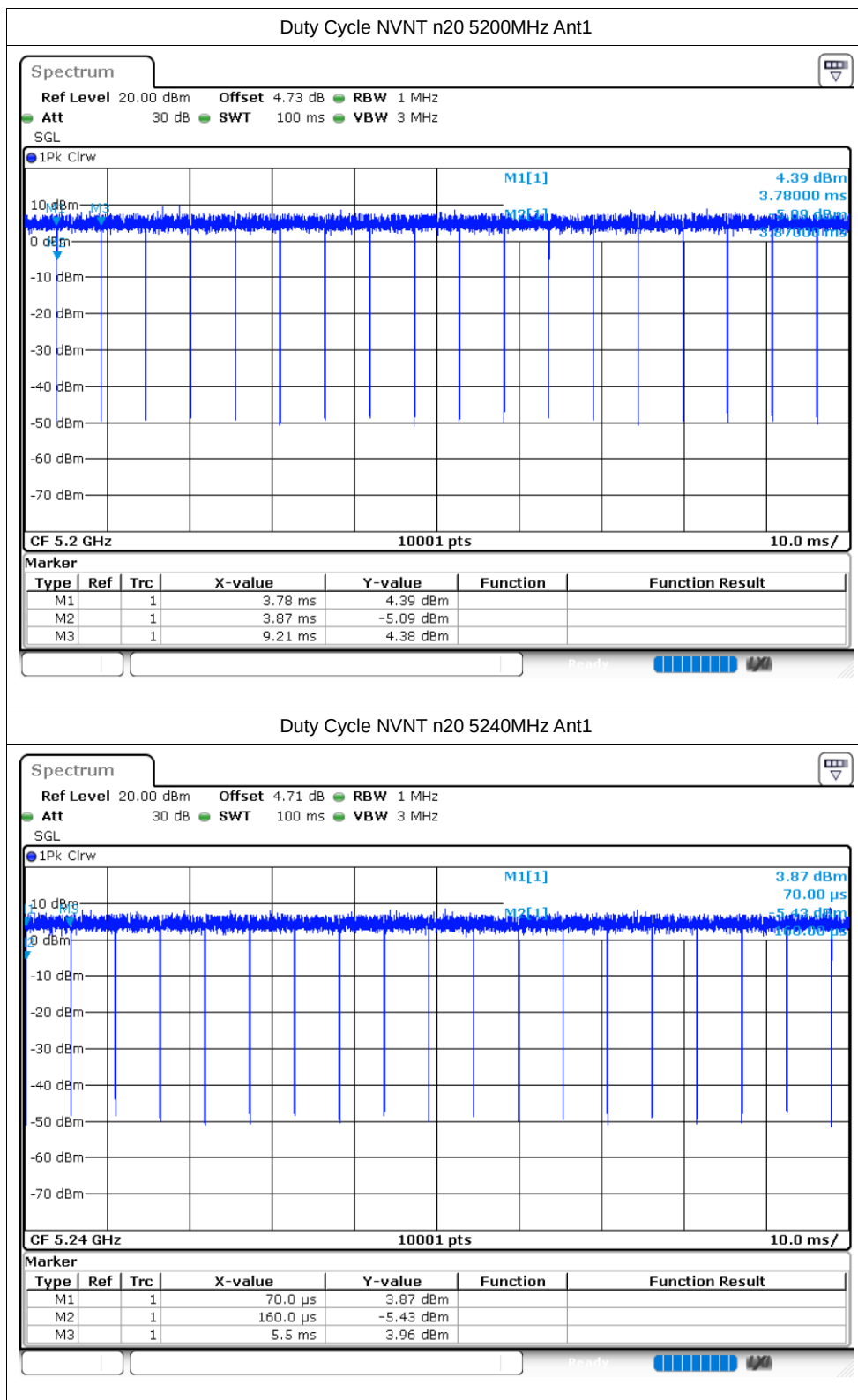
WIFI 5.2G

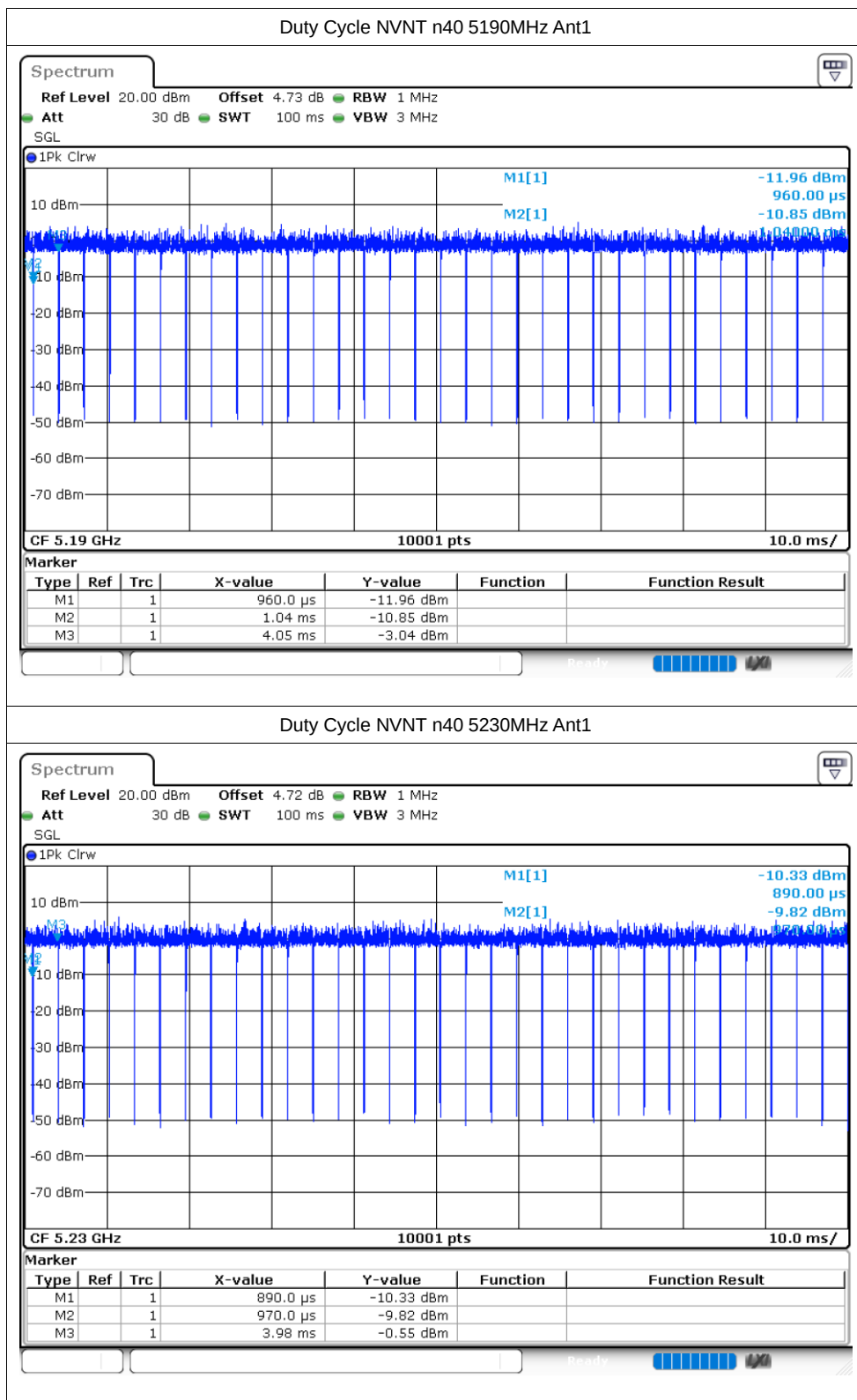
Duty Cycle

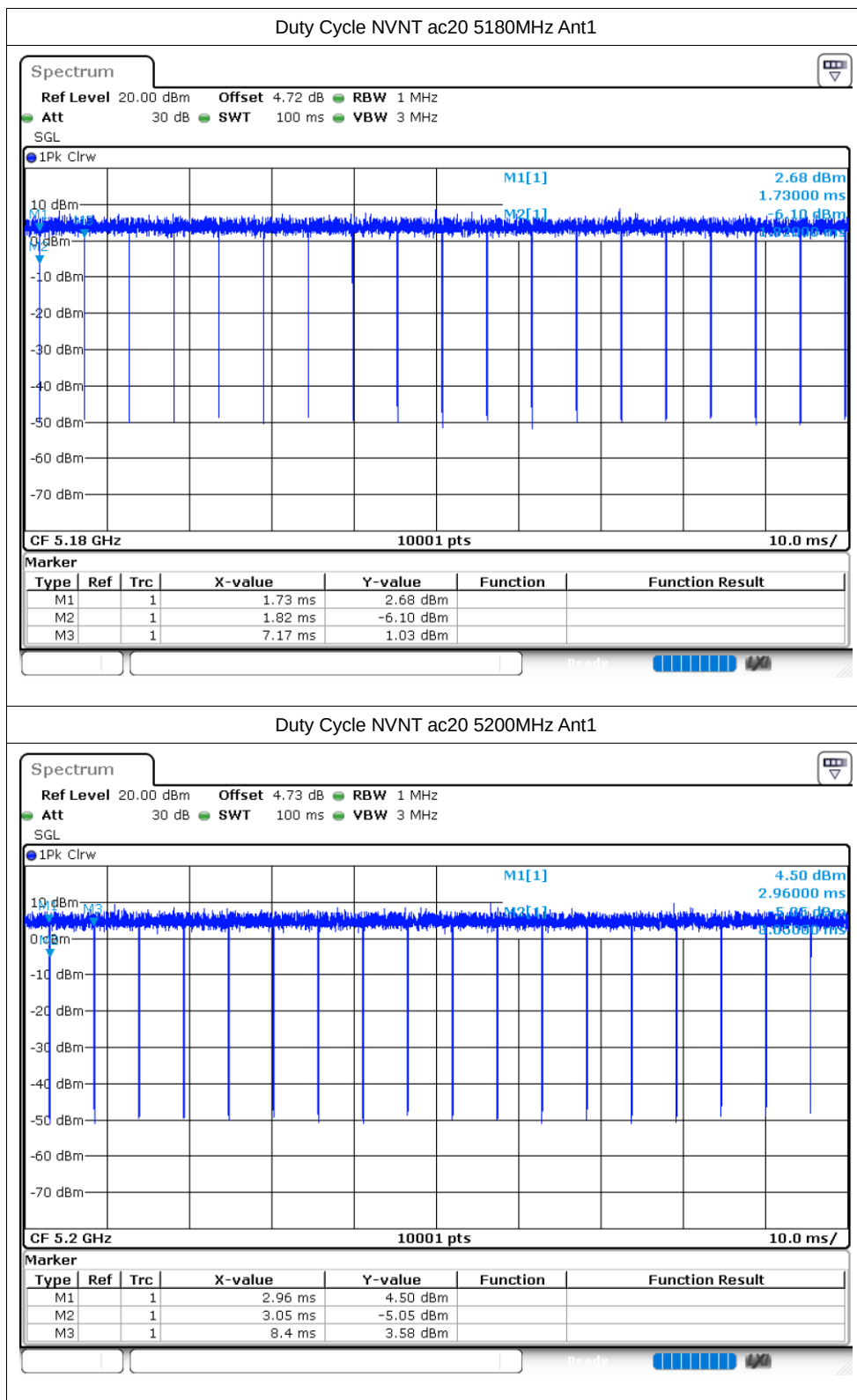
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.62	0.06	0.18
NVNT	a	5200	Ant1	98.6	0.06	0.18
NVNT	a	5240	Ant1	98.58	0.06	0.18
NVNT	n20	5180	Ant1	98.56	0.06	0.19
NVNT	n20	5200	Ant1	98.55	0.06	0.19
NVNT	n20	5240	Ant1	98.46	0.07	0.19
NVNT	n40	5190	Ant1	97.48	0.11	0.33
NVNT	n40	5230	Ant1	97.48	0.11	0.33
NVNT	ac20	5180	Ant1	98.52	0.06	0.19
NVNT	ac20	5200	Ant1	98.58	0.06	0.19
NVNT	ac20	5240	Ant1	98.6	0.06	0.19
NVNT	ac40	5190	Ant1	98.55	0.06	0.19
NVNT	ac40	5230	Ant1	98.55	0.06	0.19
NVNT	ac80	5210	Ant1	98.39	0.07	0.21
NVNT	ax20	5180	Ant1	98.31	0.07	0.22
NVNT	ax20	5200	Ant1	98.37	0.07	0.22
NVNT	ax20	5240	Ant1	98.31	0.07	0.22
NVNT	ax40	5190	Ant1	98.35	0.07	0.22
NVNT	ax40	5230	Ant1	98.38	0.07	0.22
NVNT	ax80	5210	Ant1	98.29	0.07	0.23

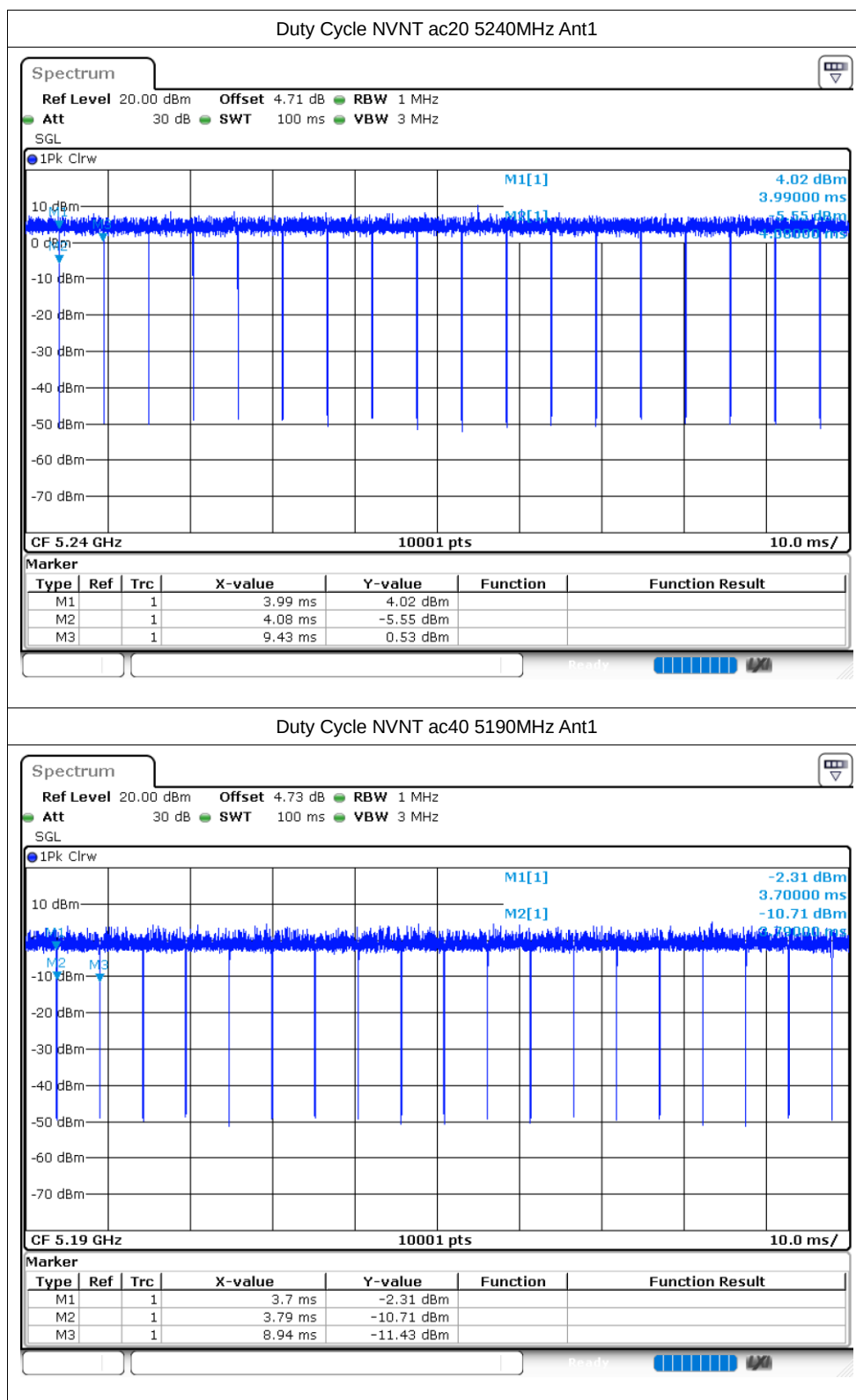


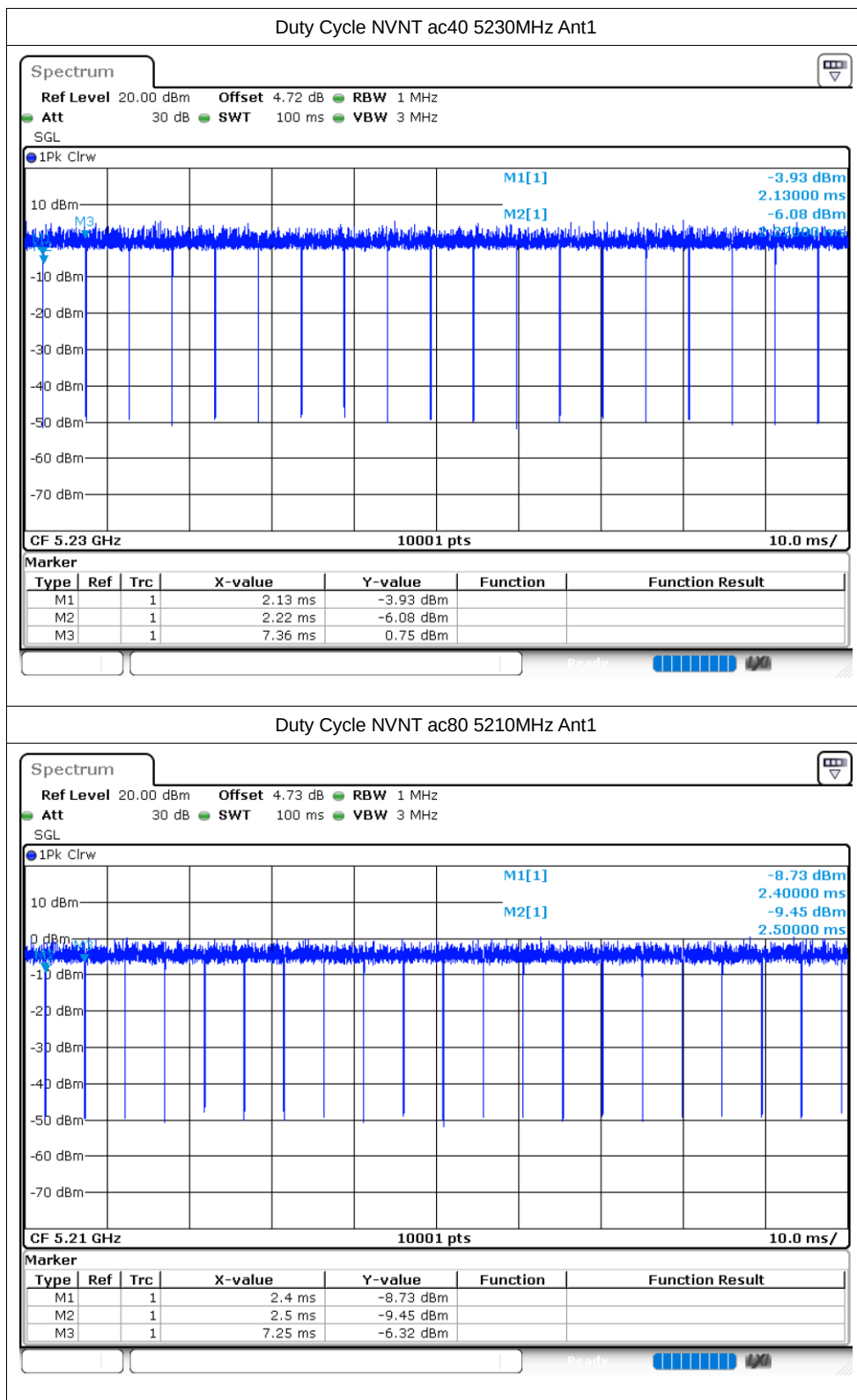


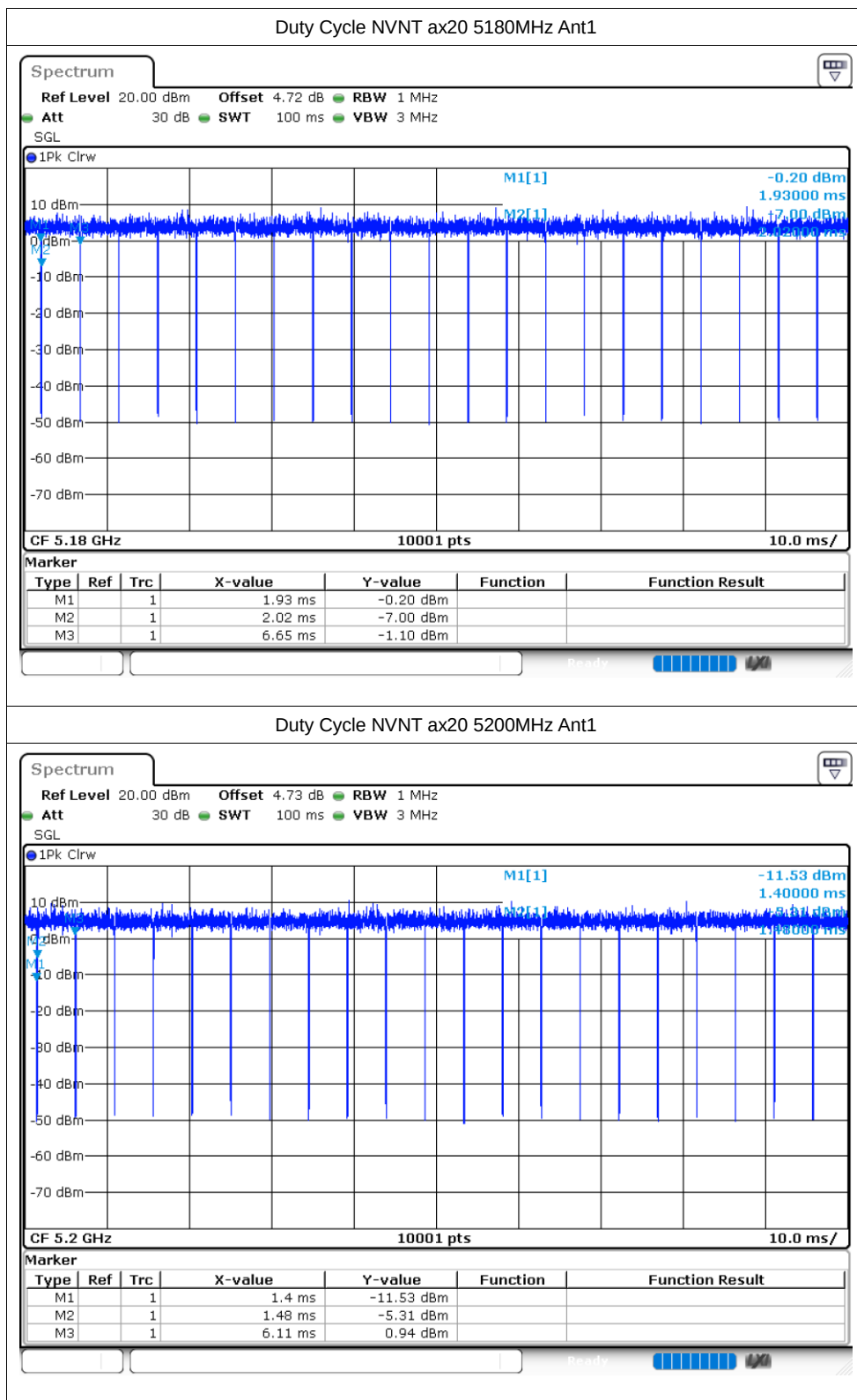


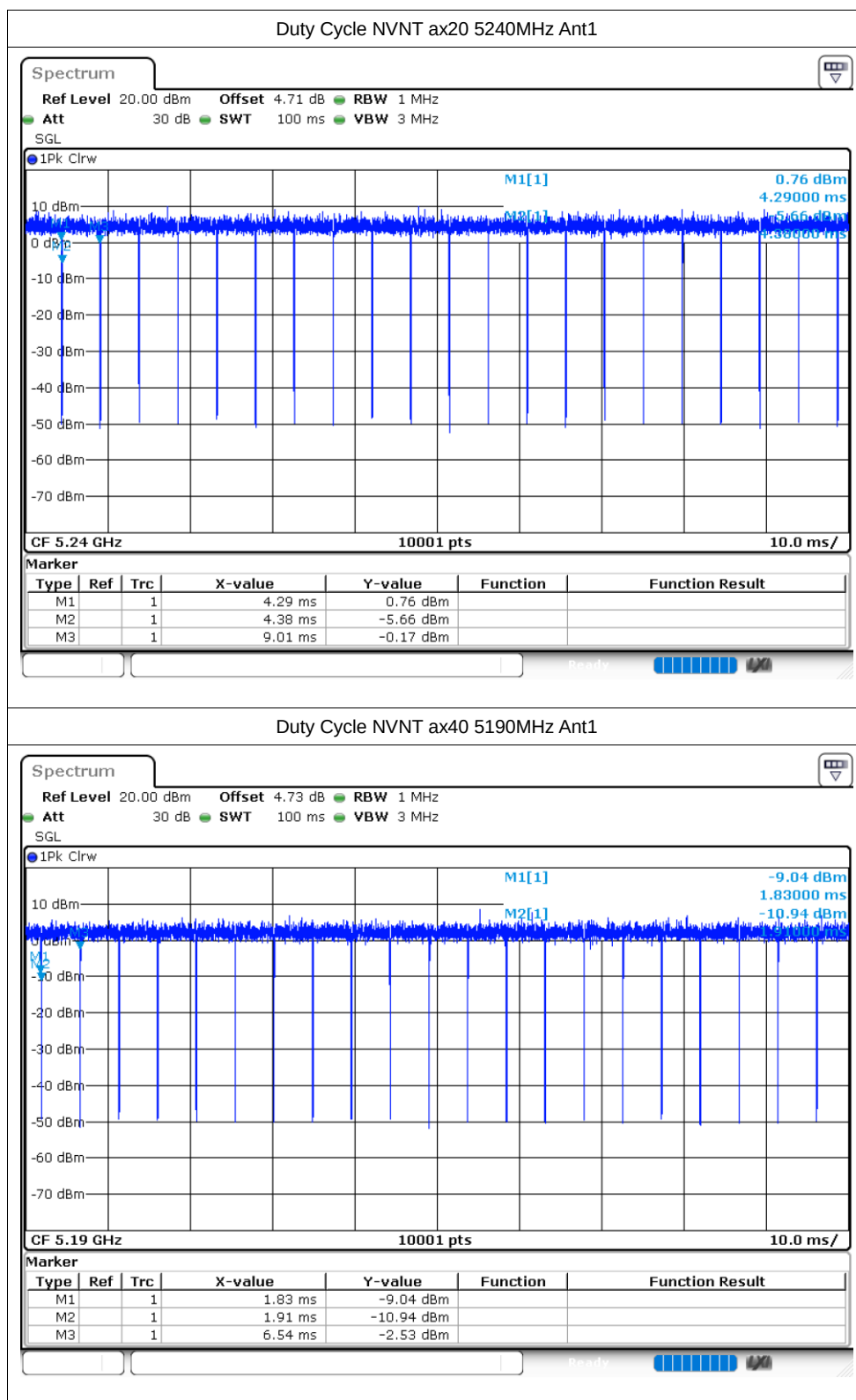


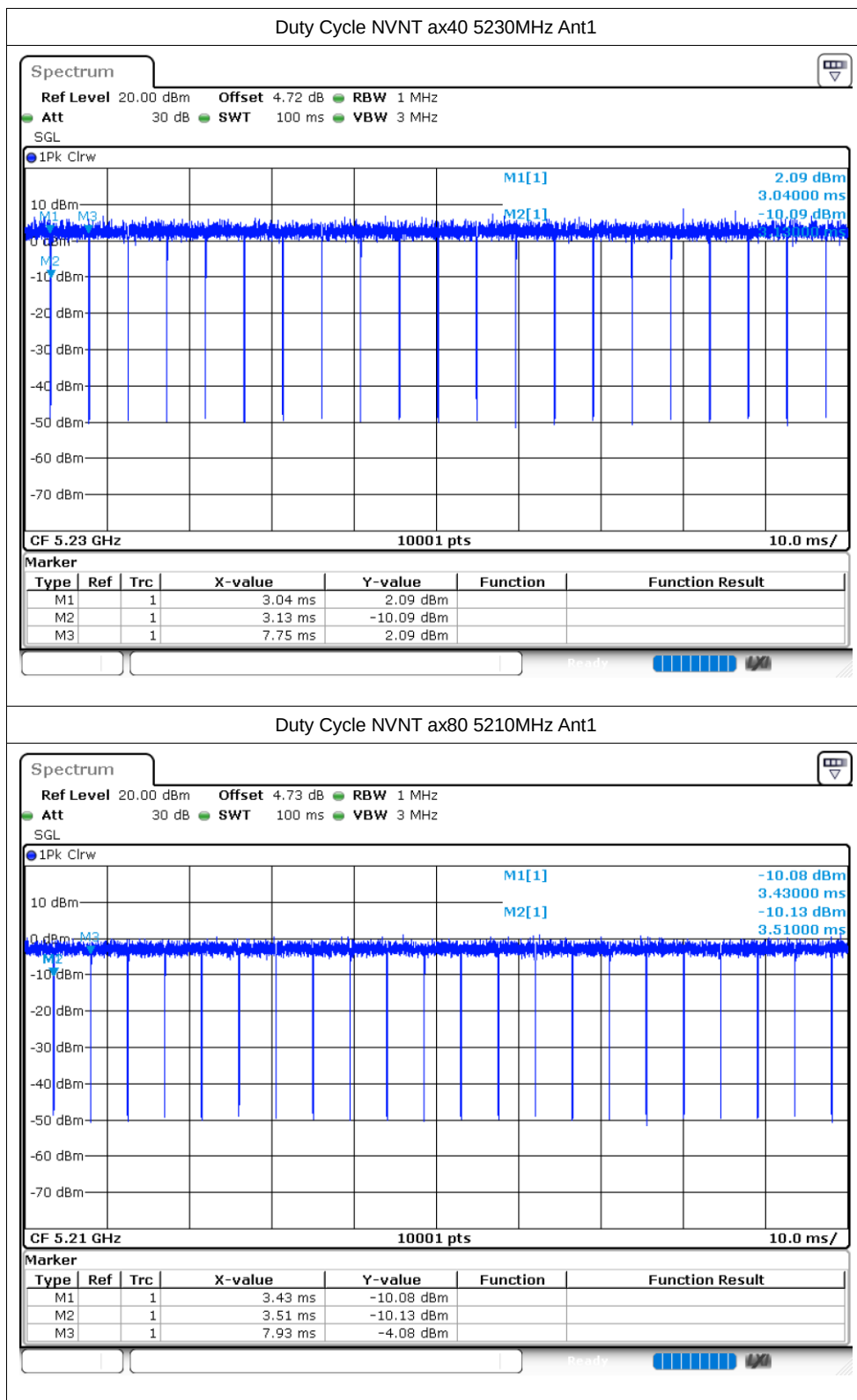












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.75	24	Pass
NVNT	a	5200	Ant1	10.22	24	Pass
NVNT	a	5240	Ant1	10.73	24	Pass
NVNT	n20	5180	Ant1	10.57	24	Pass
NVNT	n20	5200	Ant1	10.41	24	Pass
NVNT	n20	5240	Ant1	10.77	24	Pass
NVNT	n40	5190	Ant1	10.16	24	Pass
NVNT	n40	5230	Ant1	10.57	24	Pass
NVNT	ac20	5180	Ant1	10.53	24	Pass
NVNT	ac20	5200	Ant1	10.05	24	Pass
NVNT	ac20	5240	Ant1	10.48	24	Pass
NVNT	ac40	5190	Ant1	10.24	24	Pass
NVNT	ac40	5230	Ant1	10.5	24	Pass
NVNT	ac80	5210	Ant1	10.66	24	Pass
NVNT	ax20	5180	Ant1	10.56	24	Pass
NVNT	ax20	5200	Ant1	10.26	24	Pass
NVNT	ax20	5240	Ant1	10.26	24	Pass
NVNT	ax40	5190	Ant1	10.5	24	Pass
NVNT	ax40	5230	Ant1	10.54	24	Pass
NVNT	ax80	5210	Ant1	10.55	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	19.743	Pass
NVNT	a	5200	Ant1	19.191	Pass
NVNT	a	5240	Ant1	18.966	Pass
NVNT	n20	5180	Ant1	19.728	Pass
NVNT	n20	5200	Ant1	19.866	Pass
NVNT	n20	5240	Ant1	19.92	Pass
NVNT	n40	5190	Ant1	38.598	Pass
NVNT	n40	5230	Ant1	38.664	Pass
NVNT	ac20	5180	Ant1	20.151	Pass
NVNT	ac20	5200	Ant1	19.869	Pass
NVNT	ac20	5240	Ant1	19.719	Pass
NVNT	ac40	5190	Ant1	38.658	Pass
NVNT	ac40	5230	Ant1	38.508	Pass
NVNT	ac80	5210	Ant1	81	Pass
NVNT	ax20	5180	Ant1	20.01	Pass
NVNT	ax20	5200	Ant1	19.923	Pass
NVNT	ax20	5240	Ant1	20.127	Pass
NVNT	ax40	5190	Ant1	39.276	Pass
NVNT	ax40	5230	Ant1	39.27	Pass
NVNT	ax80	5210	Ant1	82.44	Pass

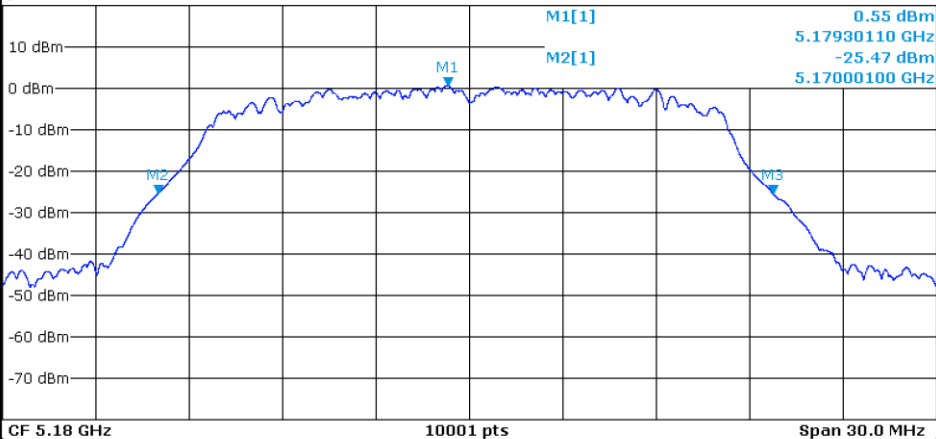
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm **Offset** 4.72 dB **RBW** 300 kHz
Att 30 dB **SWT** 25.4 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

1Pk Max



Marker

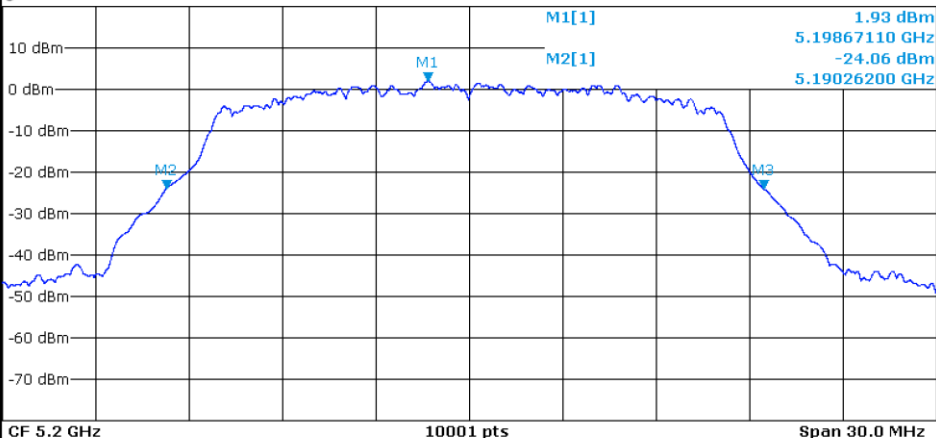
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1793011 GHz	0.55 dBm		
M2	1		5.170001 GHz	-25.47 dBm		
M3	1		5.189744 GHz	-25.46 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

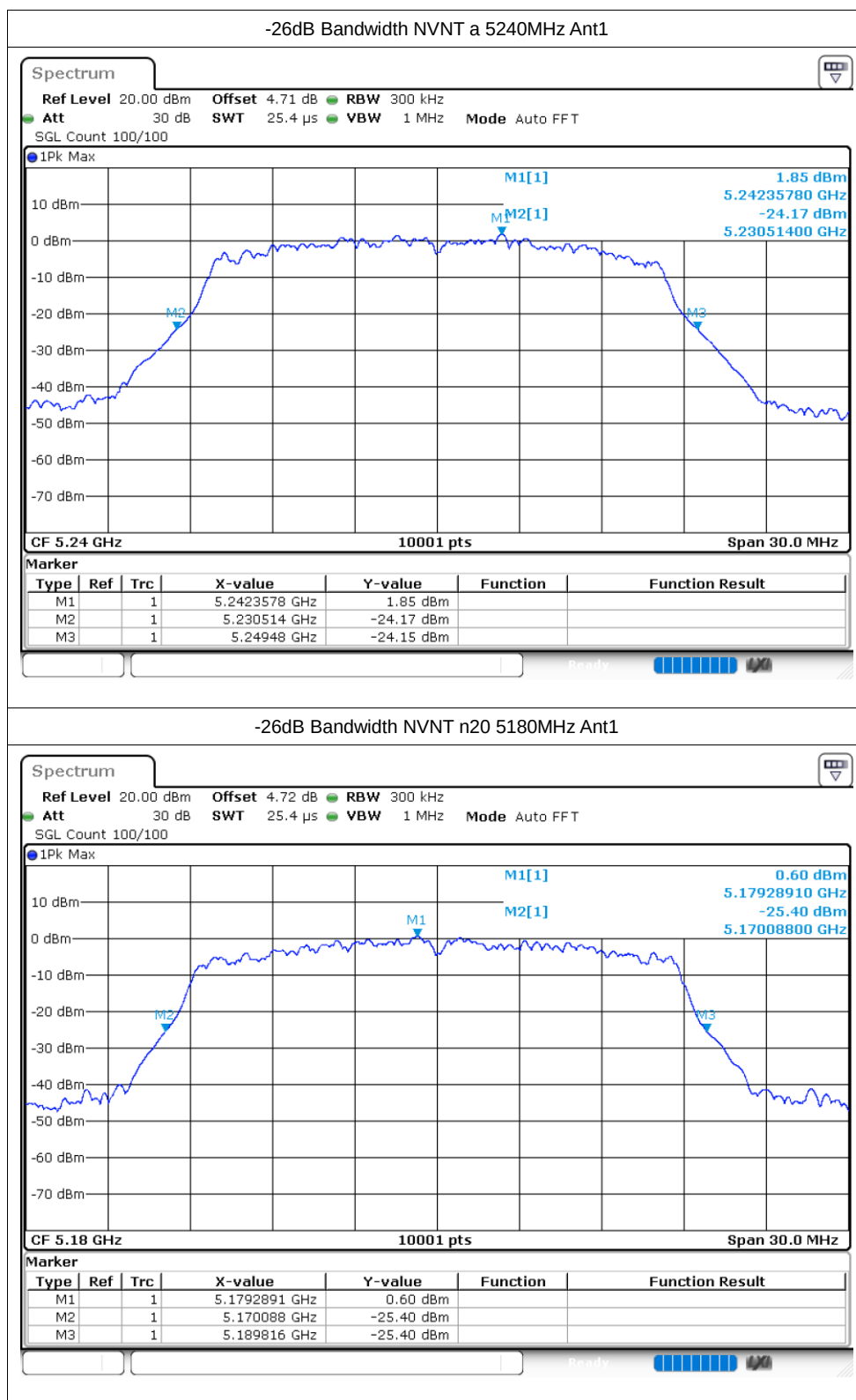
Ref Level 20.00 dBm **Offset** 4.73 dB **RBW** 300 kHz
Att 30 dB **SWT** 25.4 μ s **VBW** 1 MHz **Mode** Auto FFT
SGL Count 100/100

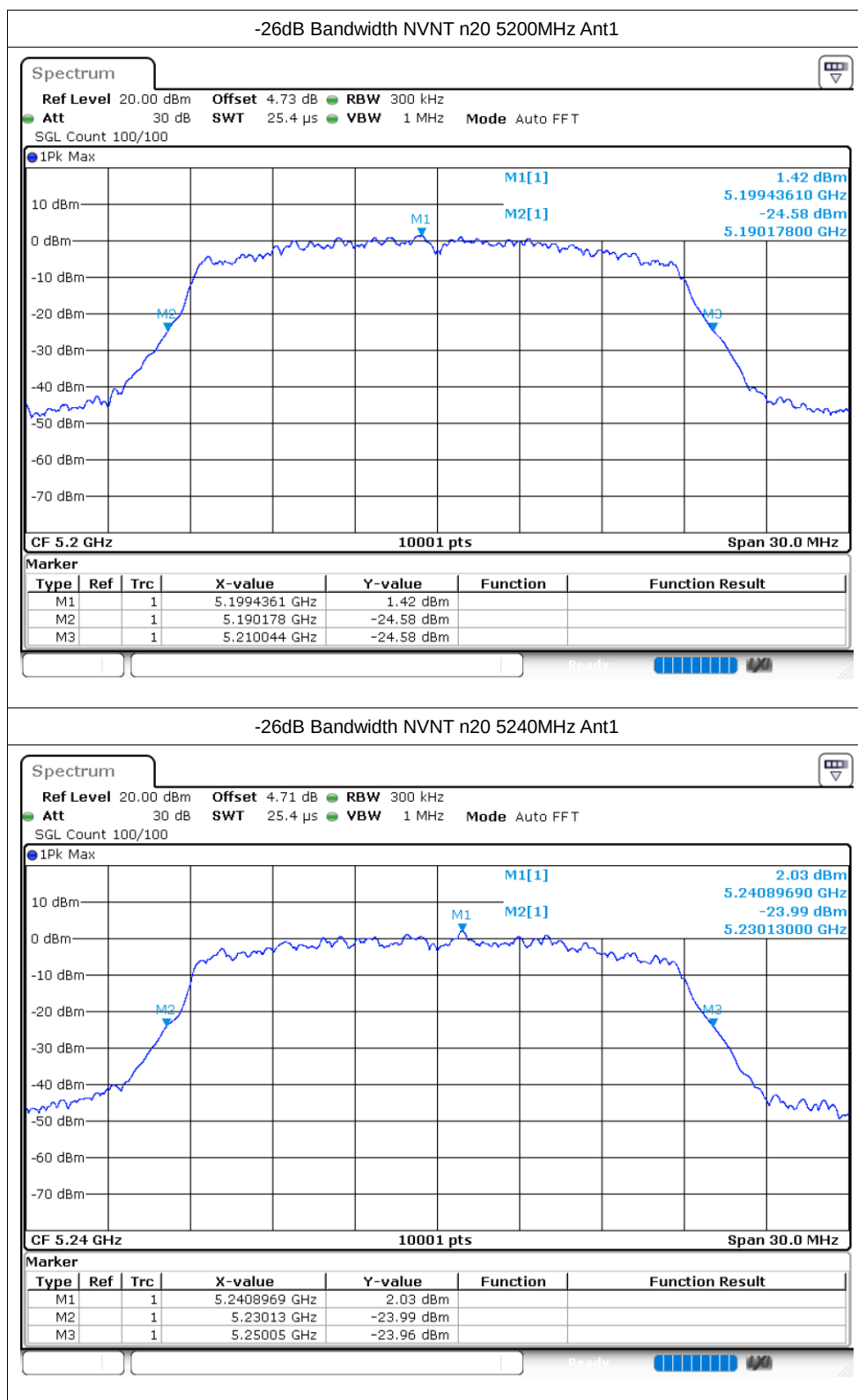
1Pk Max

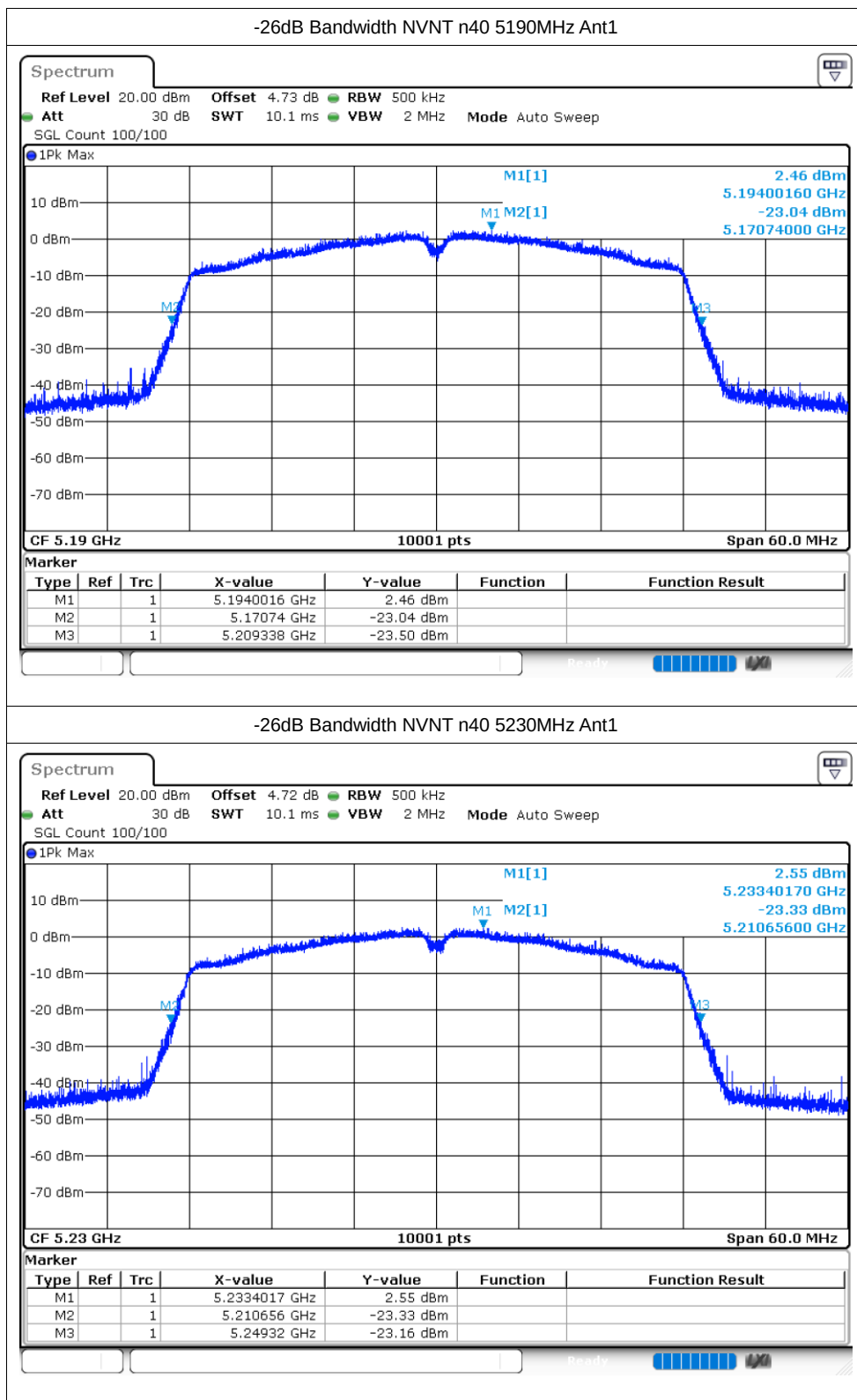


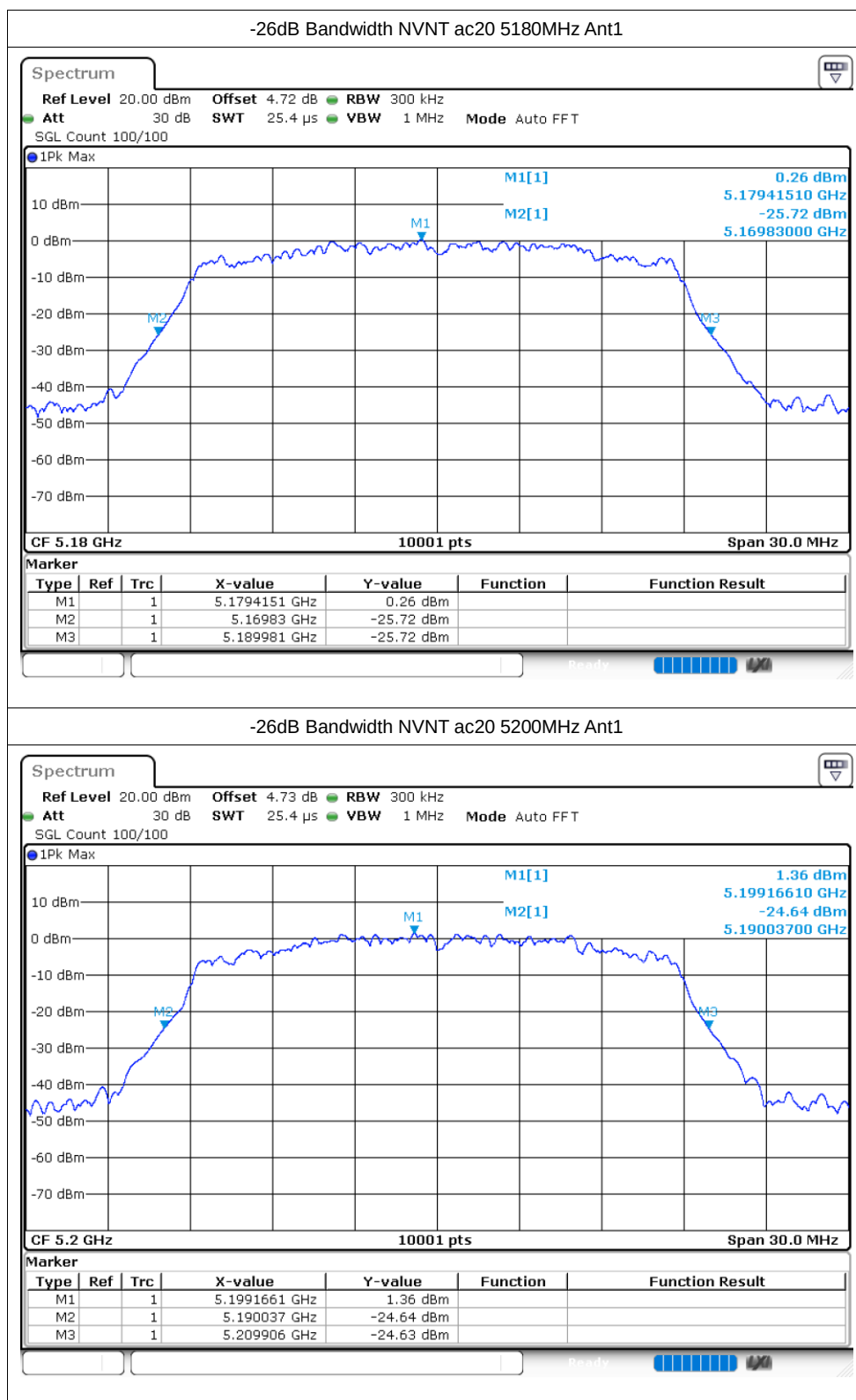
Marker

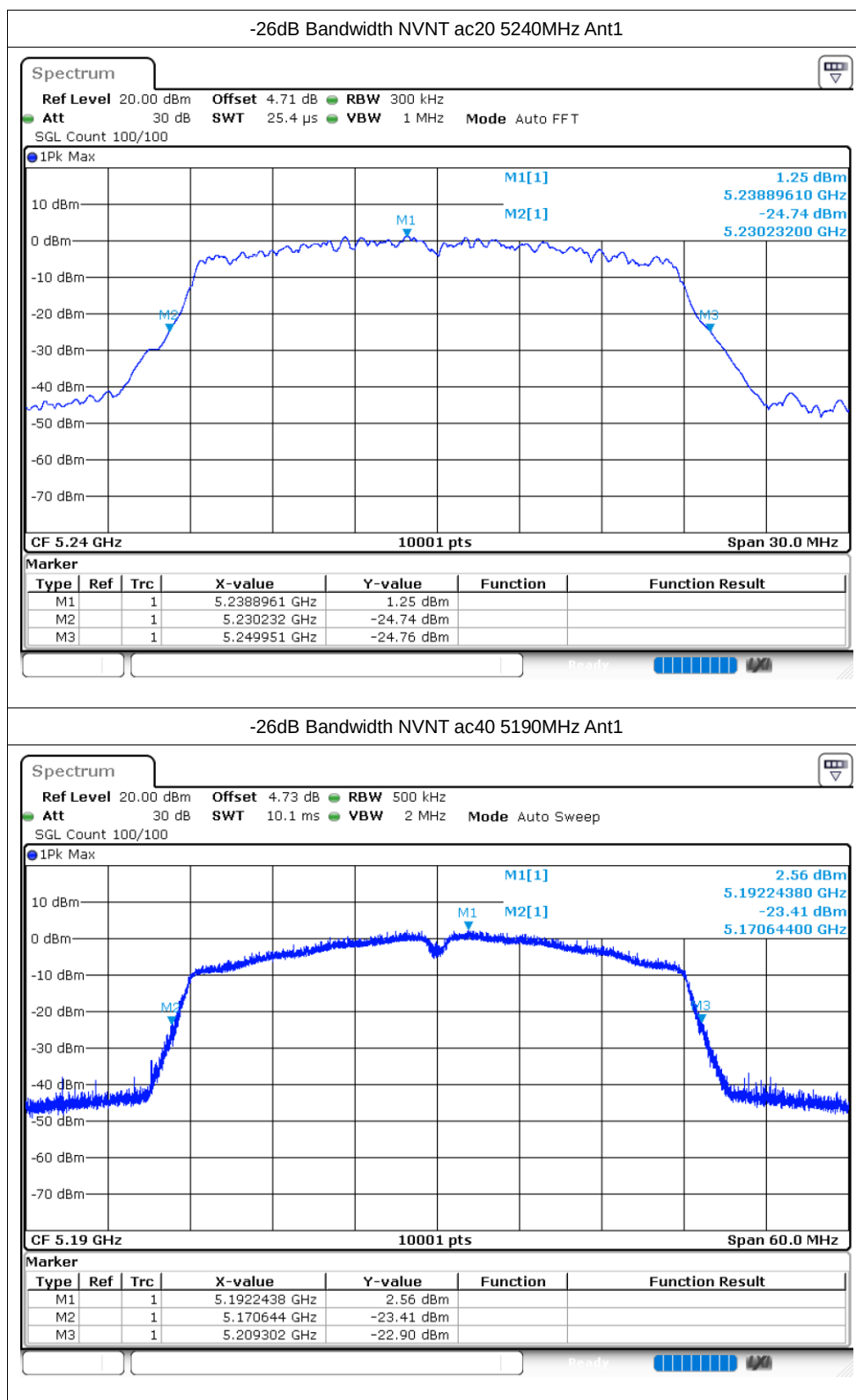
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1986711 GHz	1.93 dBm		
M2	1		5.190262 GHz	-24.06 dBm		
M3	1		5.209453 GHz	-24.06 dBm		

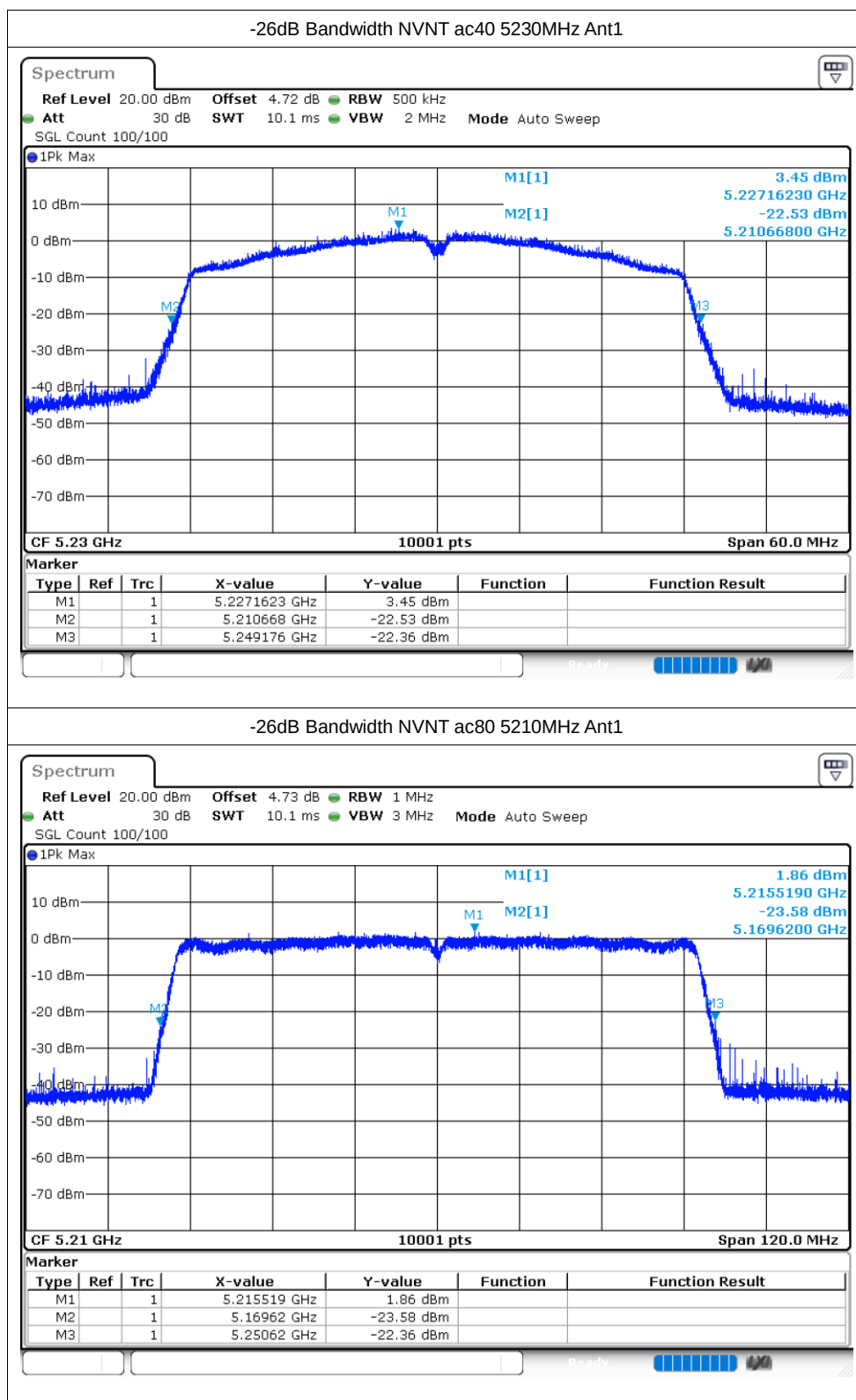


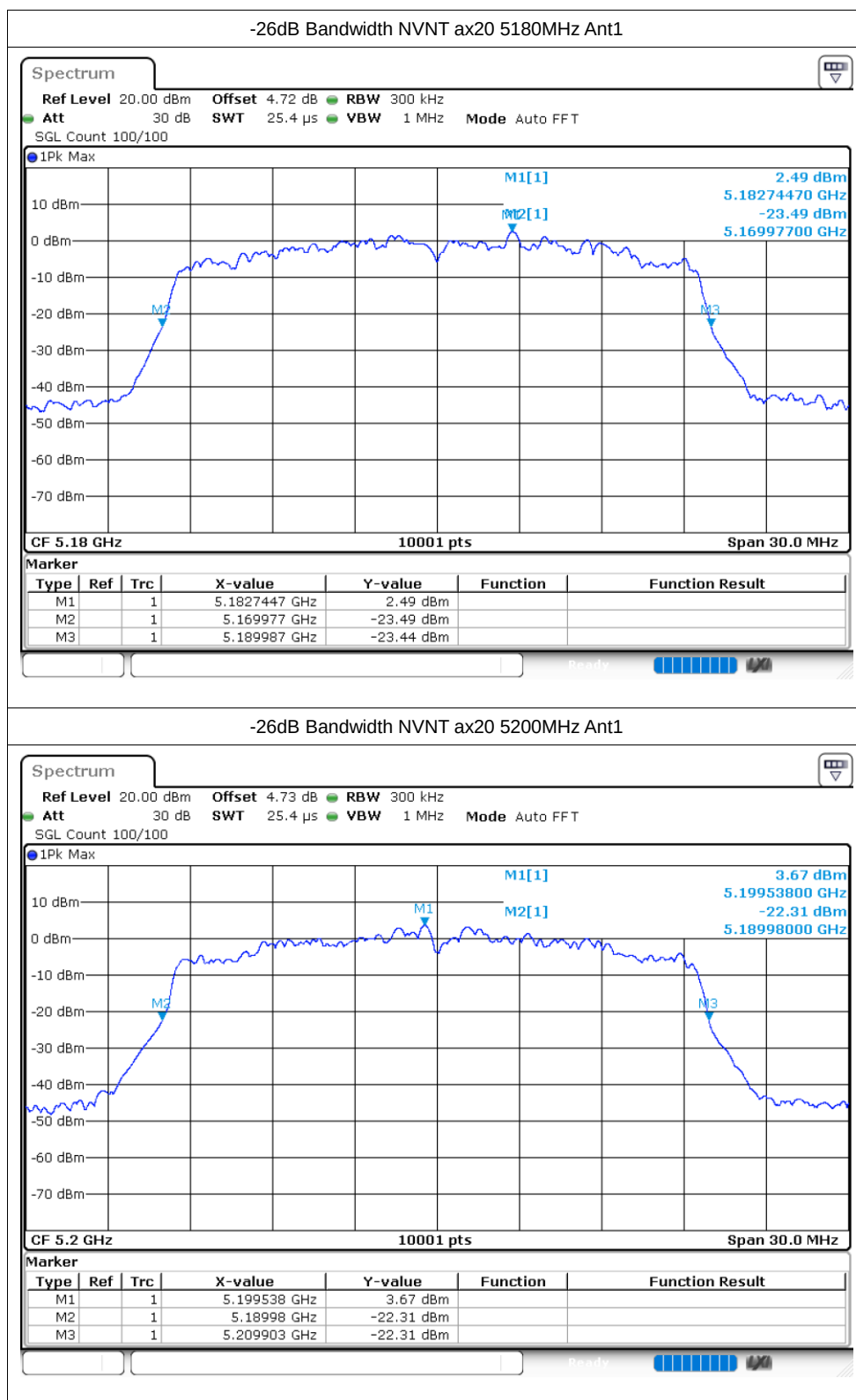


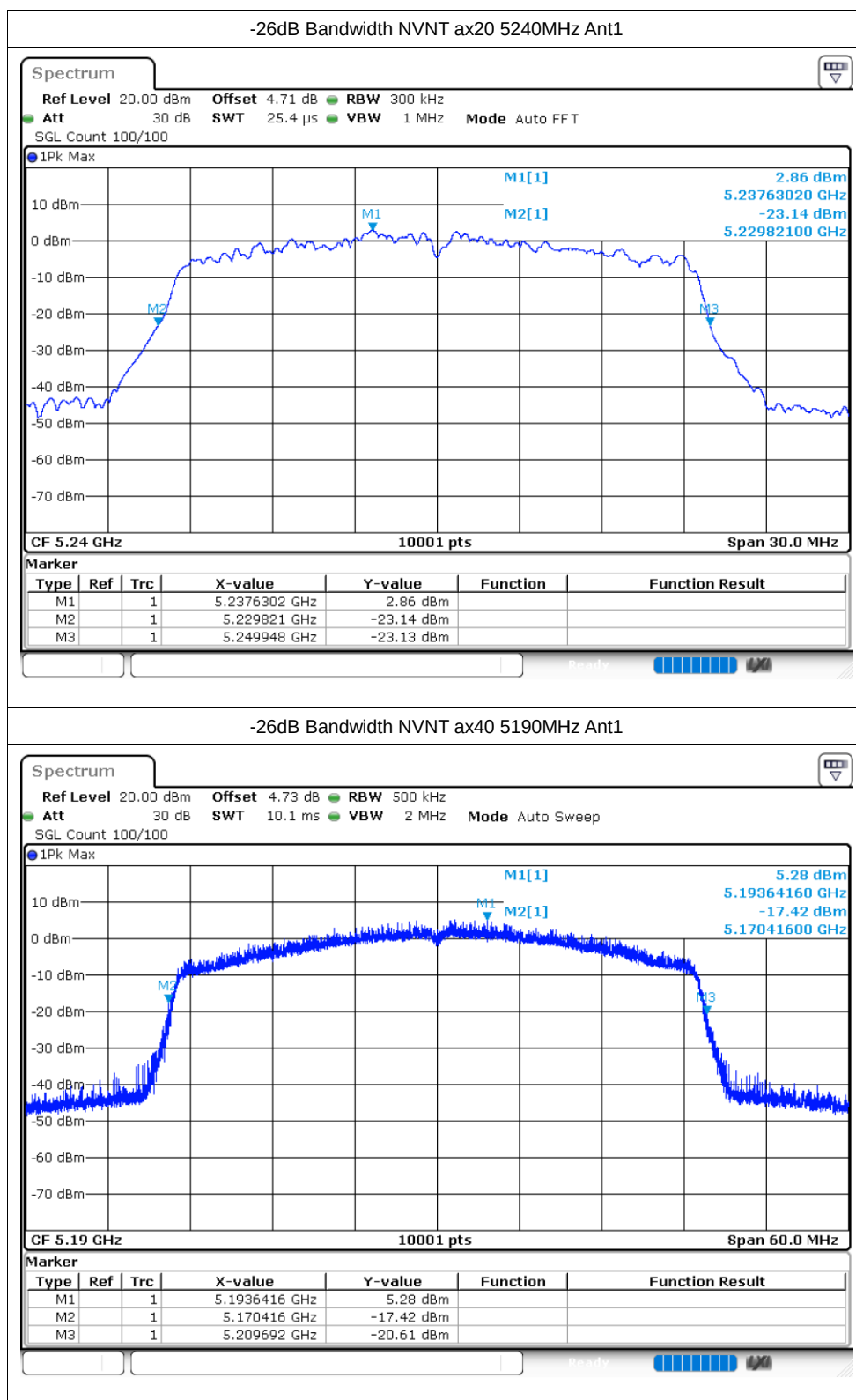


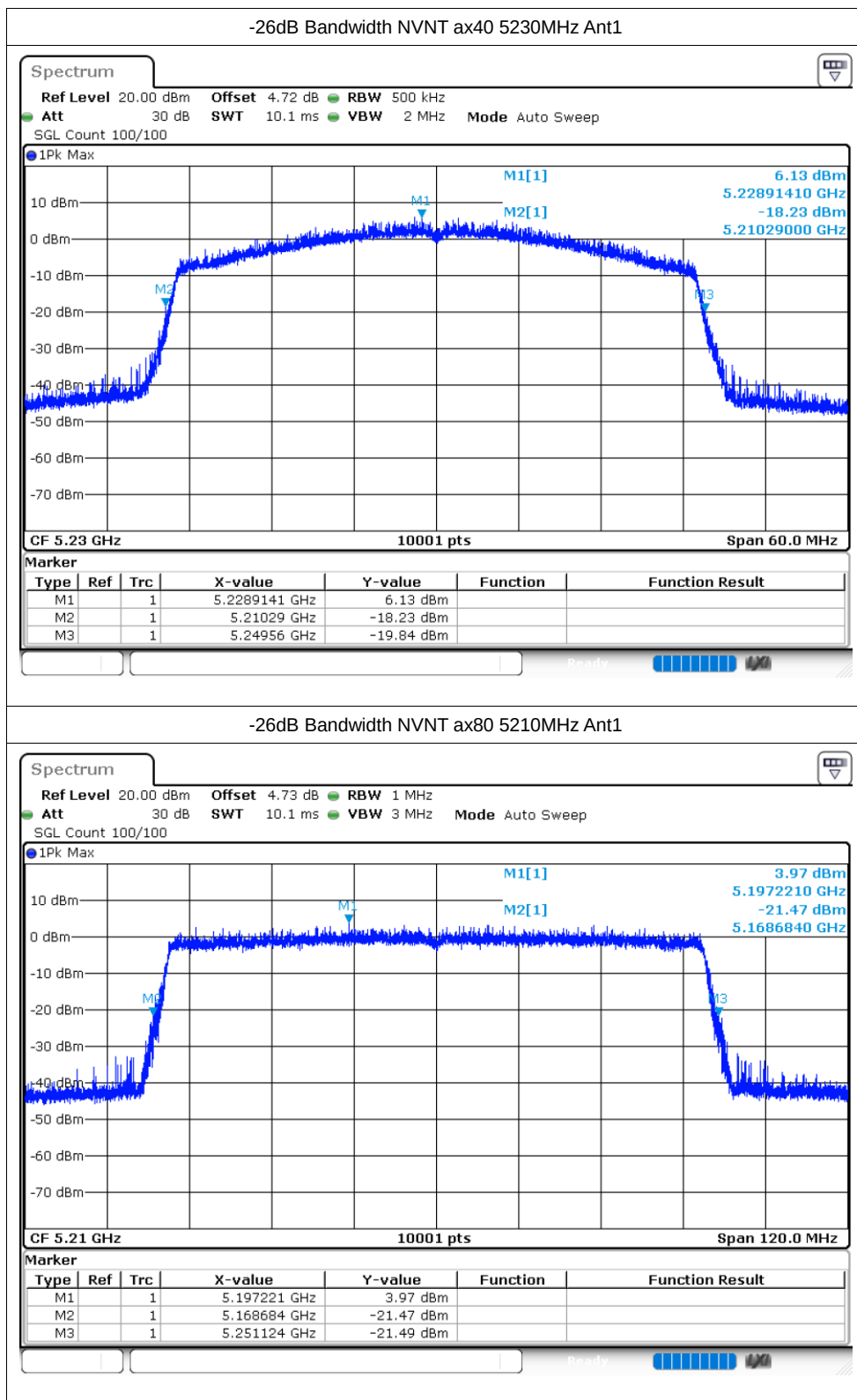










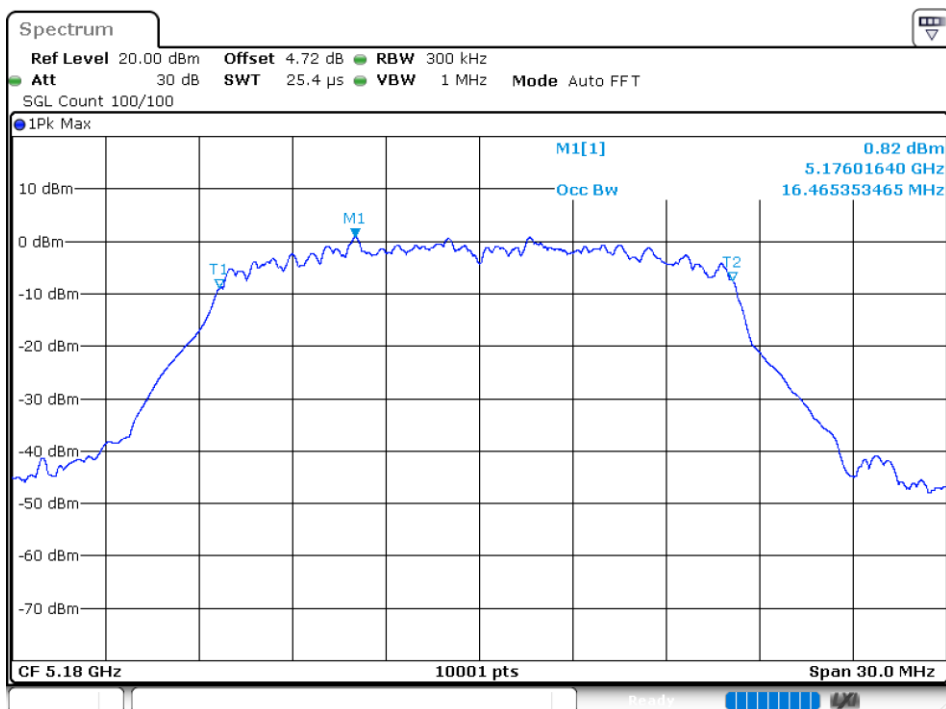


Occupied Channel Bandwidth

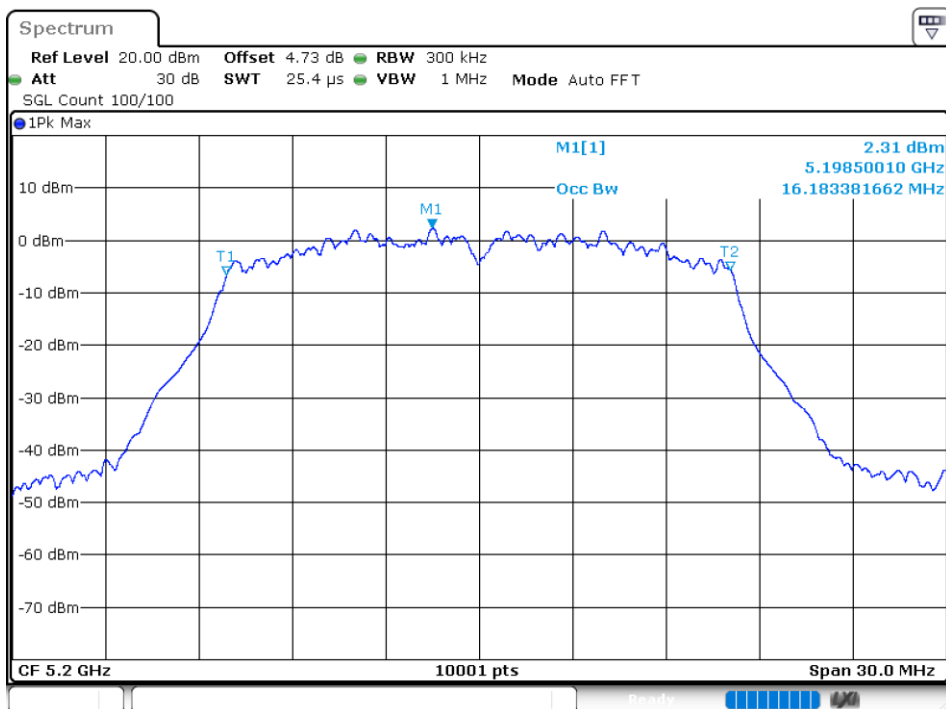
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.465
NVNT	a	5200	Ant1	16.183
NVNT	a	5240	Ant1	16.417
NVNT	n20	5180	Ant1	17.317
NVNT	n20	5200	Ant1	17.272
NVNT	n20	5240	Ant1	17.332
NVNT	n40	5190	Ant1	34.887
NVNT	n40	5230	Ant1	34.791
NVNT	ac20	5180	Ant1	17.347
NVNT	ac20	5200	Ant1	17.185
NVNT	ac20	5240	Ant1	17.38
NVNT	ac40	5190	Ant1	34.893
NVNT	ac40	5230	Ant1	34.767
NVNT	ac80	5210	Ant1	75.328
NVNT	ax20	5180	Ant1	18.538
NVNT	ax20	5200	Ant1	18.451
NVNT	ax20	5240	Ant1	18.511
NVNT	ax40	5190	Ant1	36.014
NVNT	ax40	5230	Ant1	35.906
NVNT	ax80	5210	Ant1	77.26

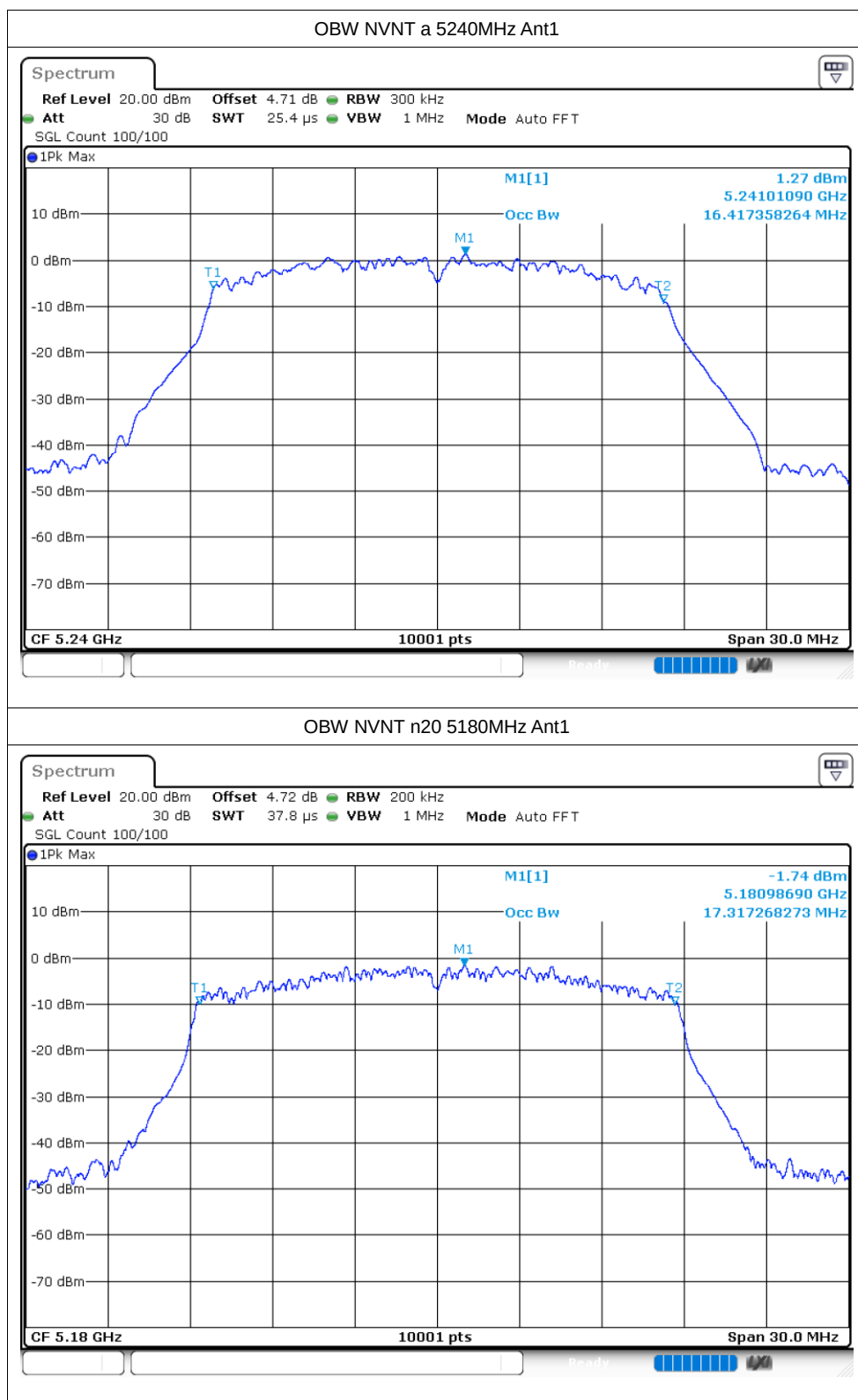
Test Graphs

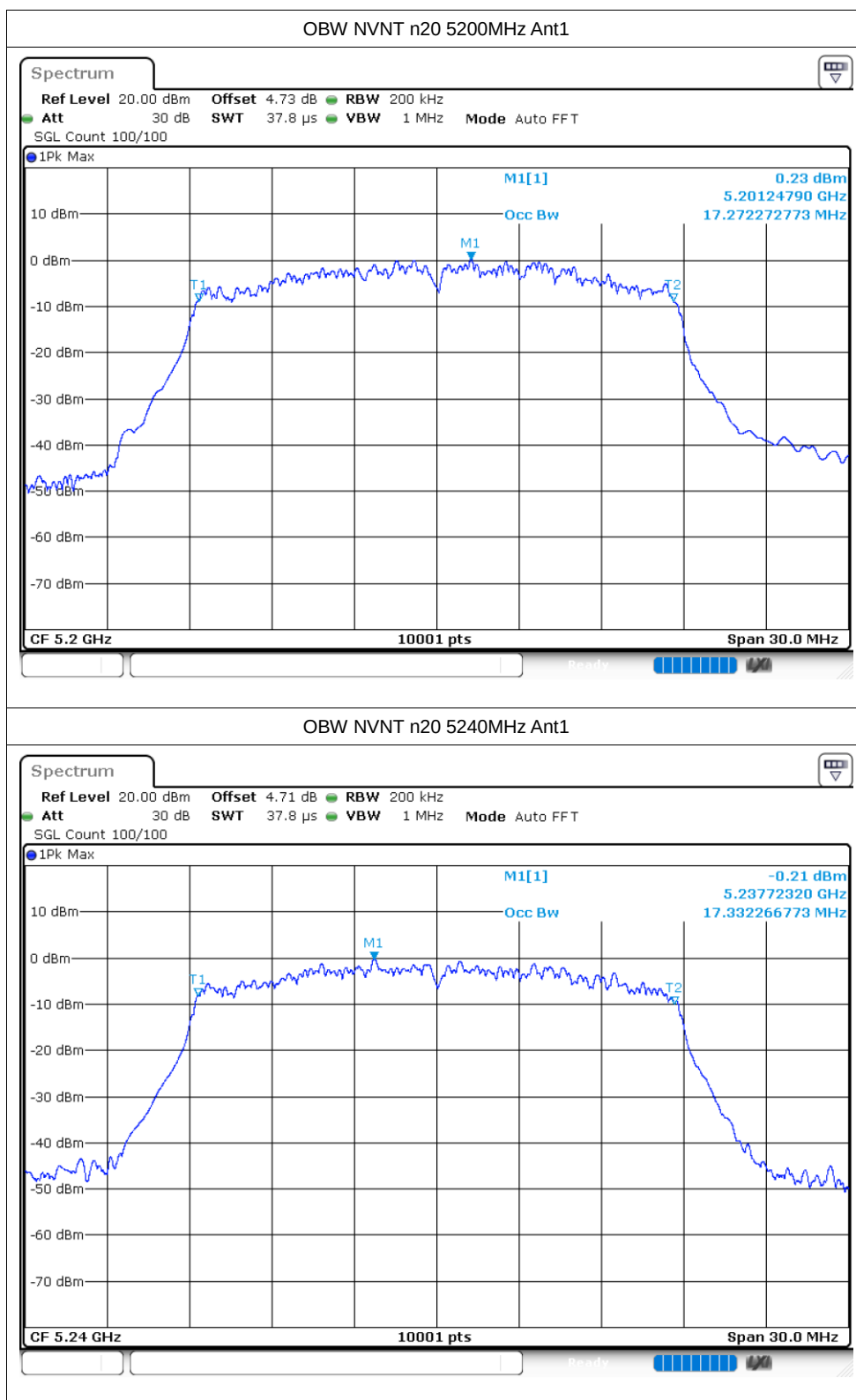
OBW NVNT a 5180MHz Ant1

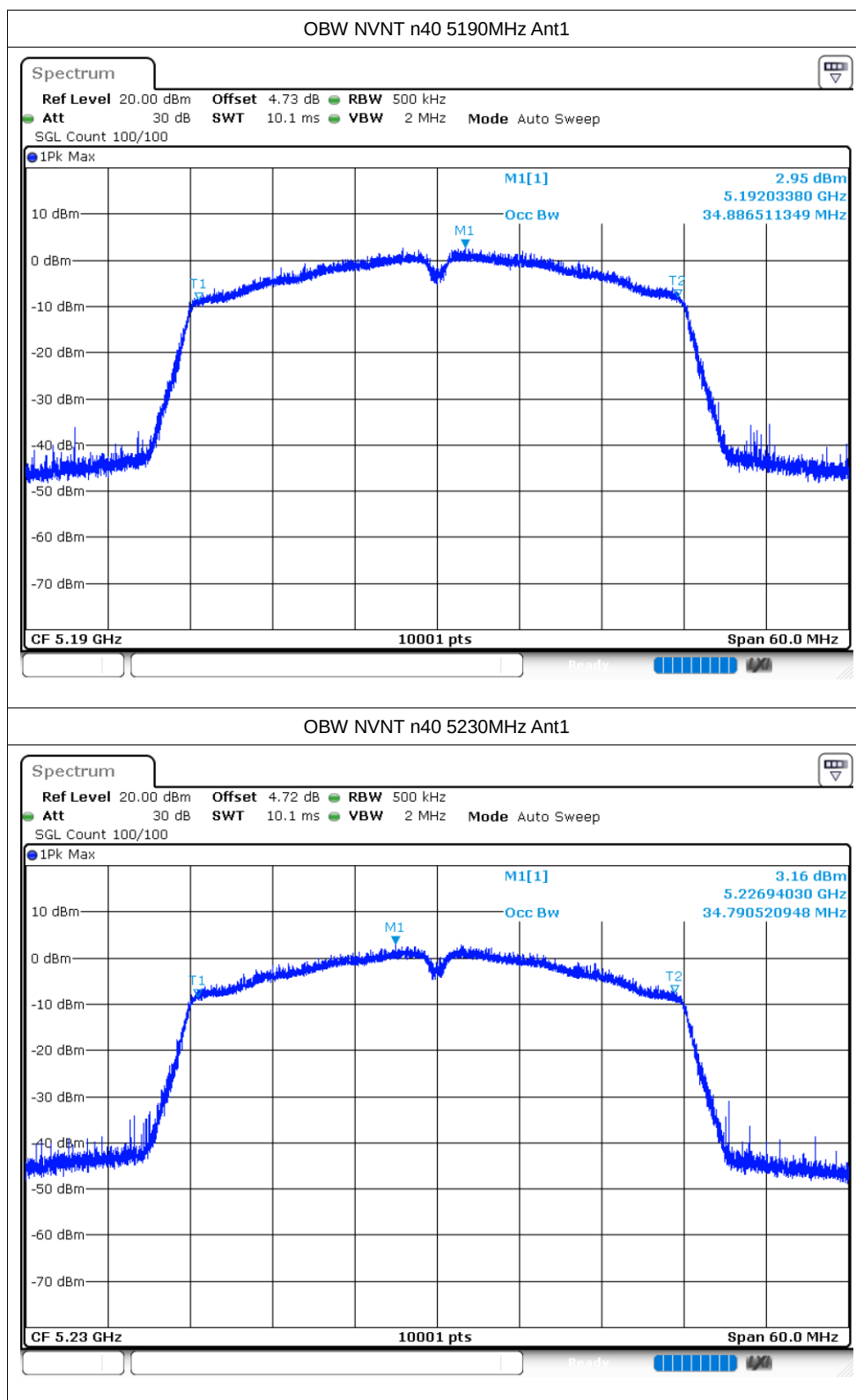


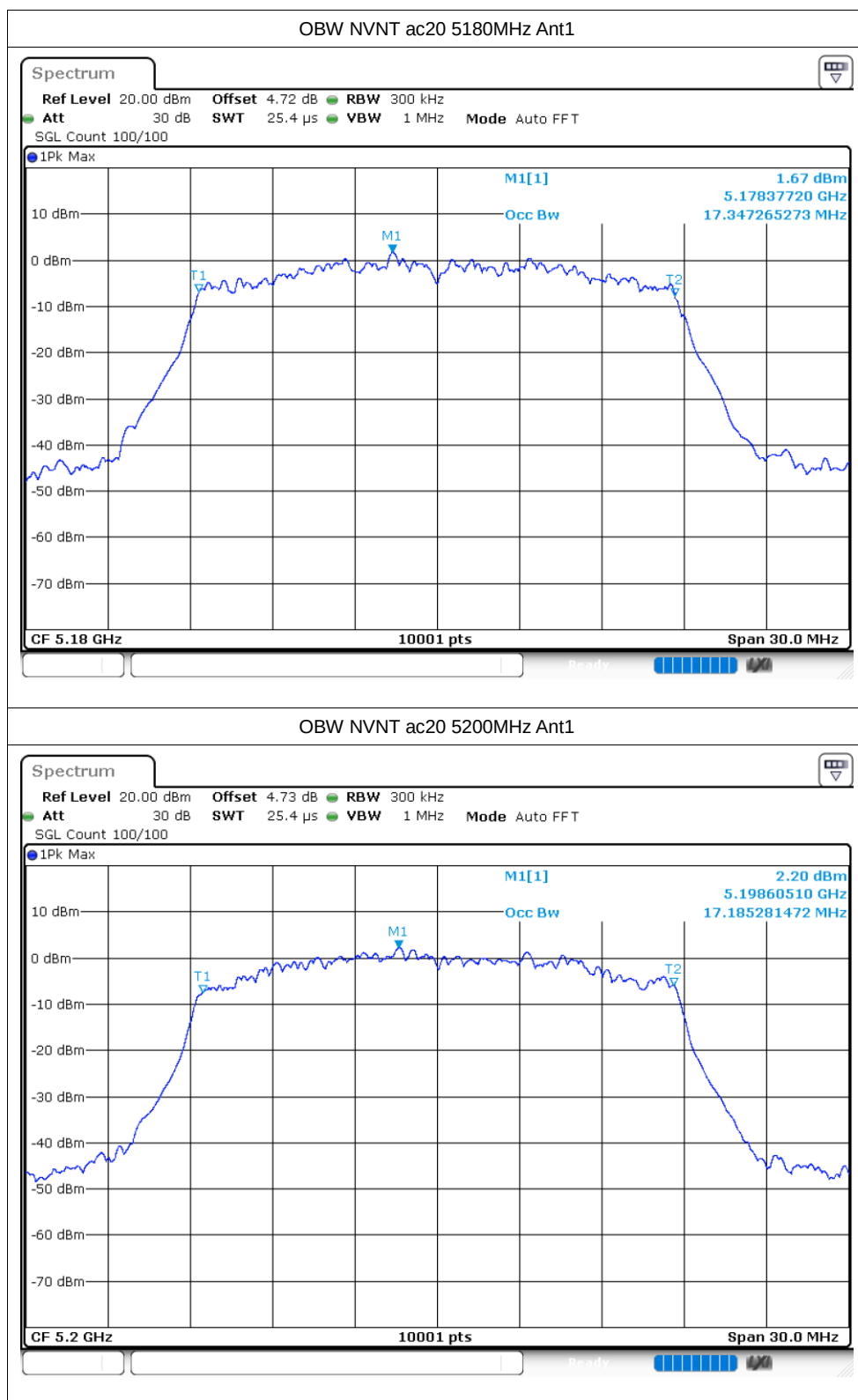
OBW NVNT a 5200MHz Ant1

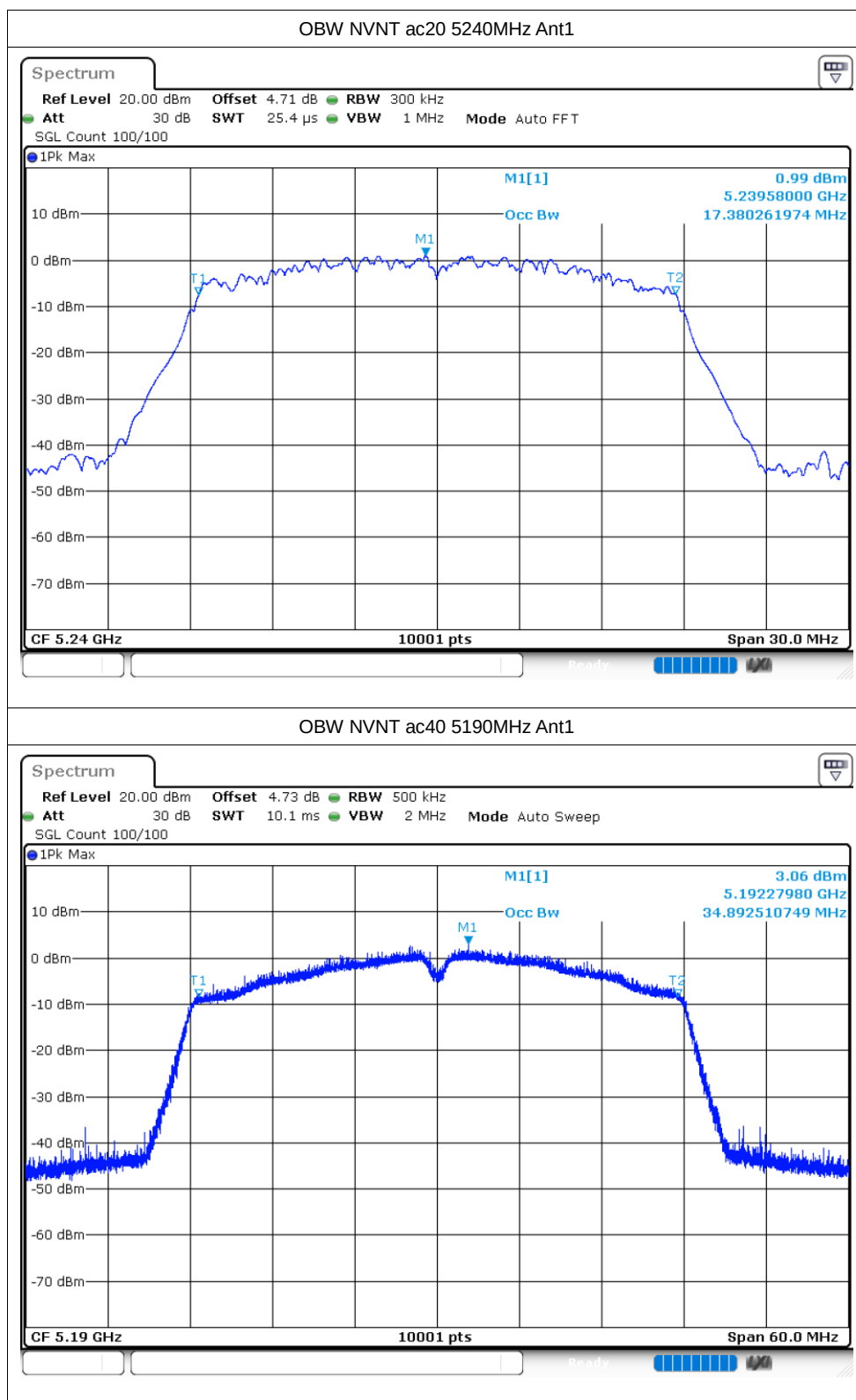


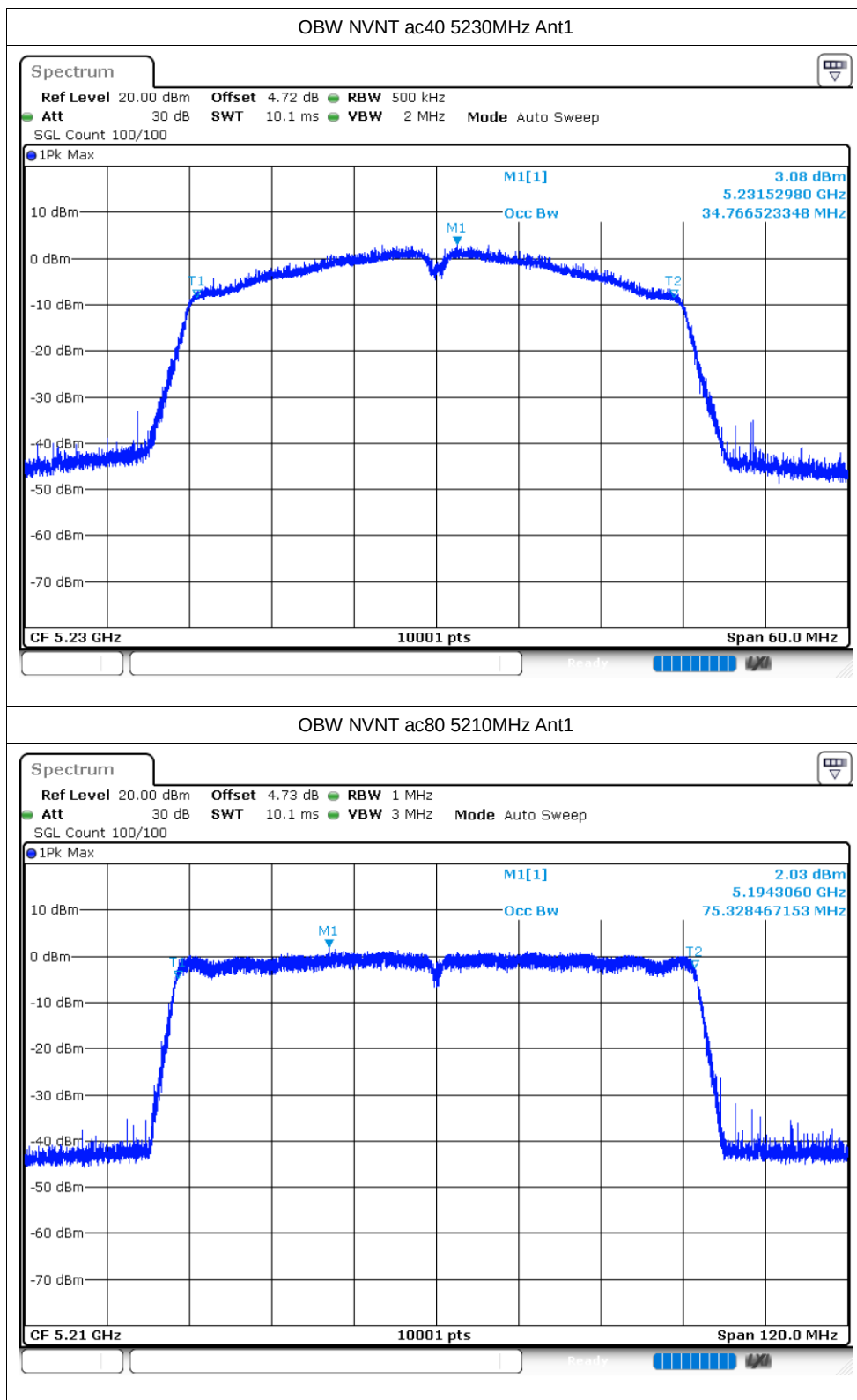


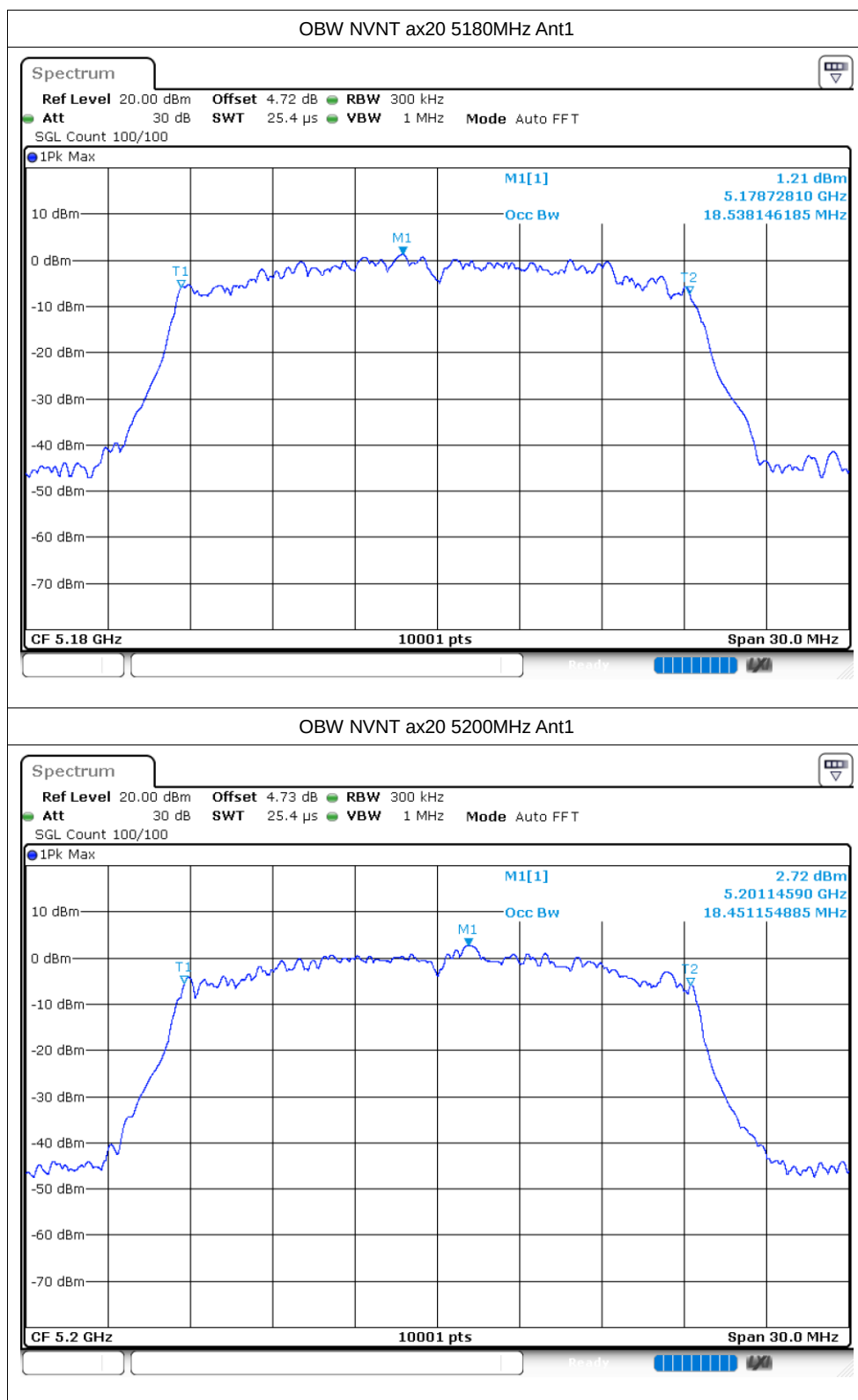


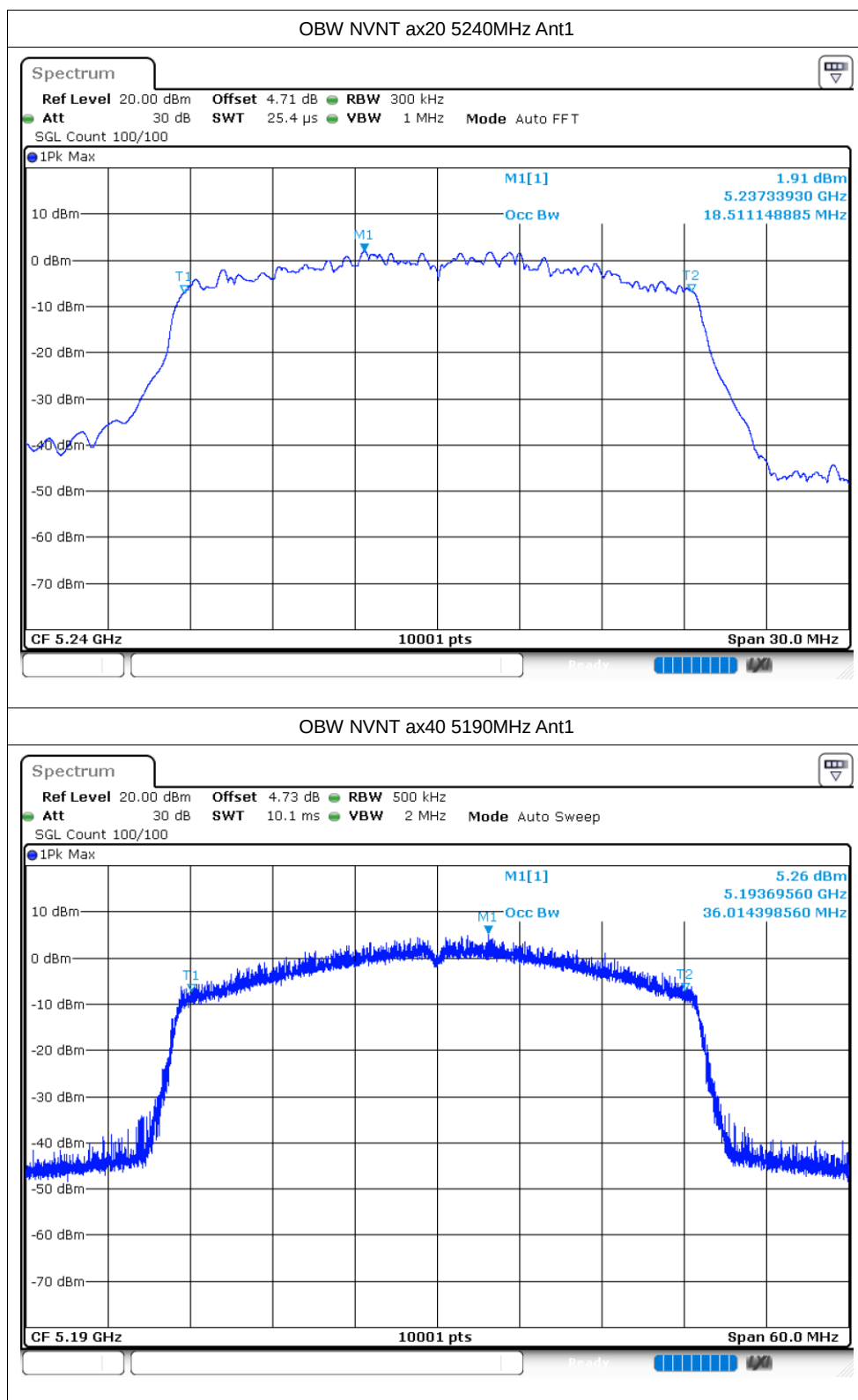


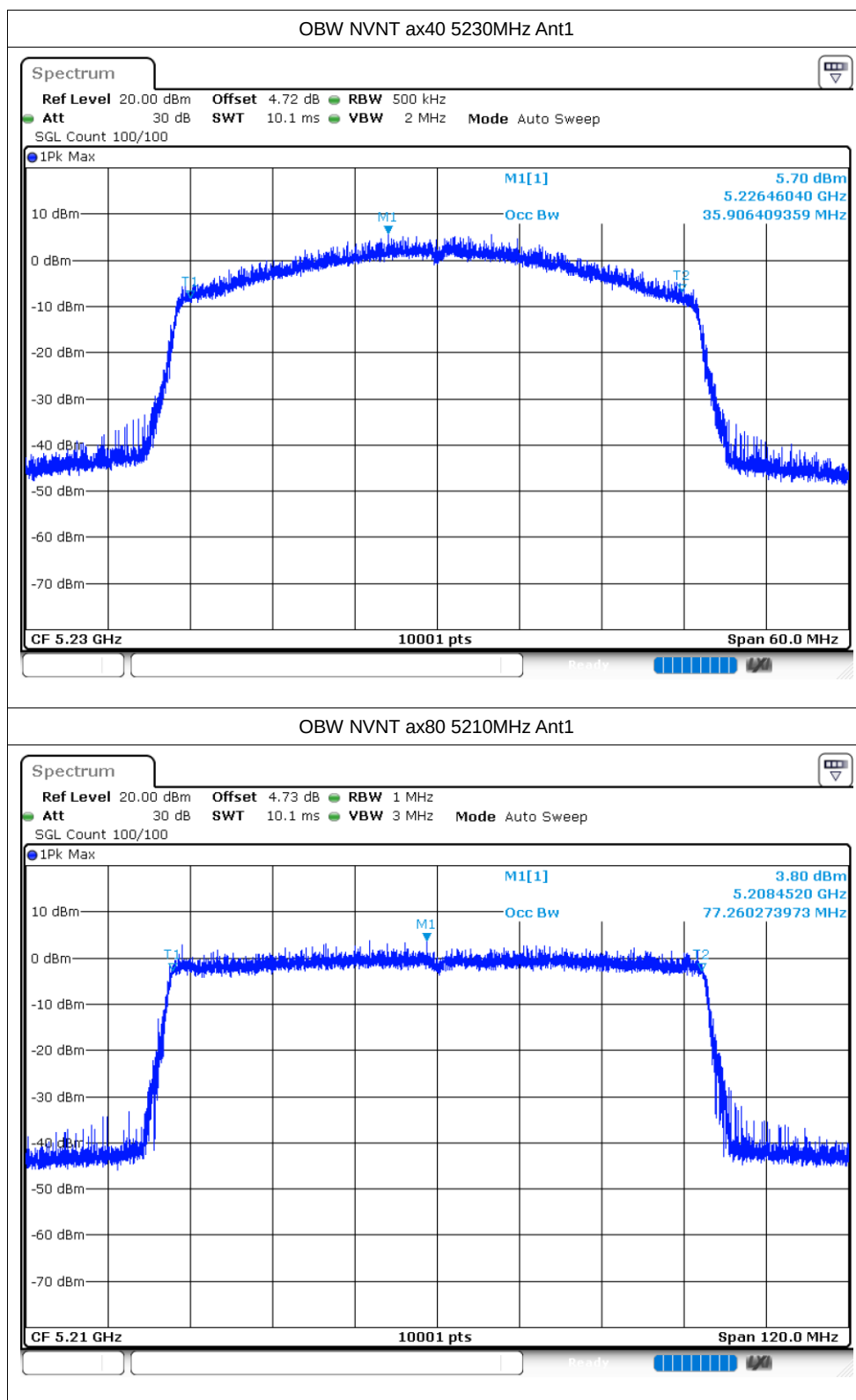










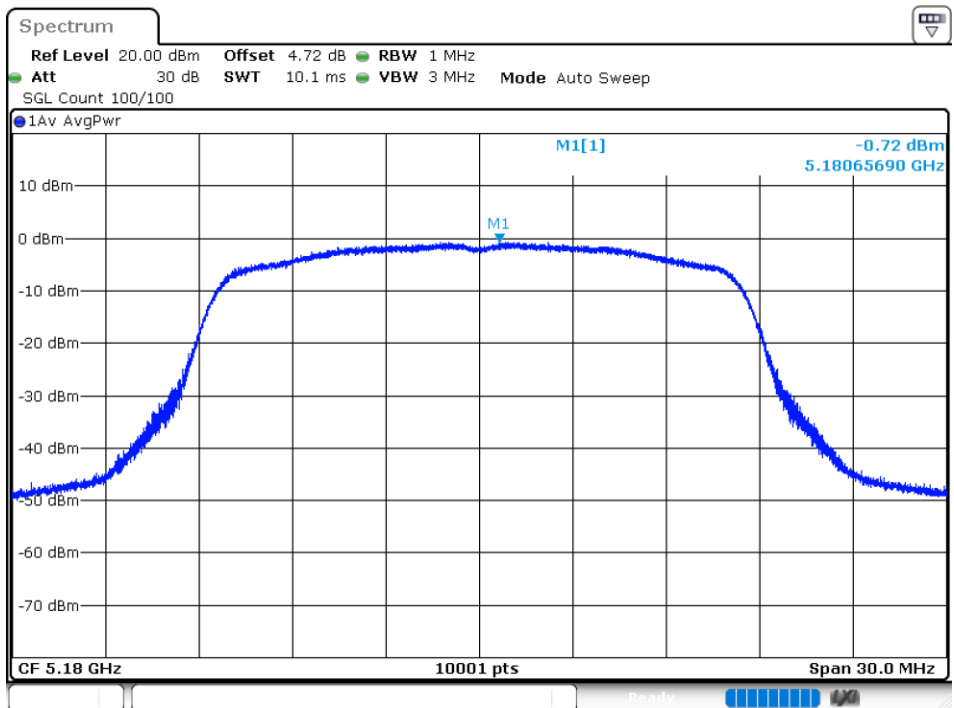


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant1	-0.72	0.06	-0.66	11	Pass
NVNT	a	5200	Ant1	0.32	0.06	0.38	11	Pass
NVNT	a	5240	Ant1	-0.13	0.06	-0.07	11	Pass
NVNT	n20	5180	Ant1	-0.99	0.06	-0.93	11	Pass
NVNT	n20	5200	Ant1	-0.07	0.06	-0.01	11	Pass
NVNT	n20	5240	Ant1	-0.41	0.07	-0.34	11	Pass
NVNT	n40	5190	Ant1	-2.42	0.11	-2.31	11	Pass
NVNT	n40	5230	Ant1	-2.11	0.11	-2	11	Pass
NVNT	ac20	5180	Ant1	-1.05	0.06	-0.99	11	Pass
NVNT	ac20	5200	Ant1	-0.05	0.06	0.01	11	Pass
NVNT	ac20	5240	Ant1	-0.37	0.06	-0.31	11	Pass
NVNT	ac40	5190	Ant1	-2.65	0.06	-2.59	11	Pass
NVNT	ac40	5230	Ant1	-1.86	0.06	-1.8	11	Pass
NVNT	ac80	5210	Ant1	-9.85	0.21	-9.64	11	Pass
NVNT	ax20	5180	Ant1	-1.16	0.07	-1.09	11	Pass
NVNT	ax20	5200	Ant1	-0.22	0.07	-0.15	11	Pass
NVNT	ax20	5240	Ant1	-0.43	0.07	-0.36	11	Pass
NVNT	ax40	5190	Ant1	-2.67	0.07	-2.6	11	Pass
NVNT	ax40	5230	Ant1	-2.05	0.07	-1.98	11	Pass
NVNT	ax80	5210	Ant1	-10.3	0.23	-10.07	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

