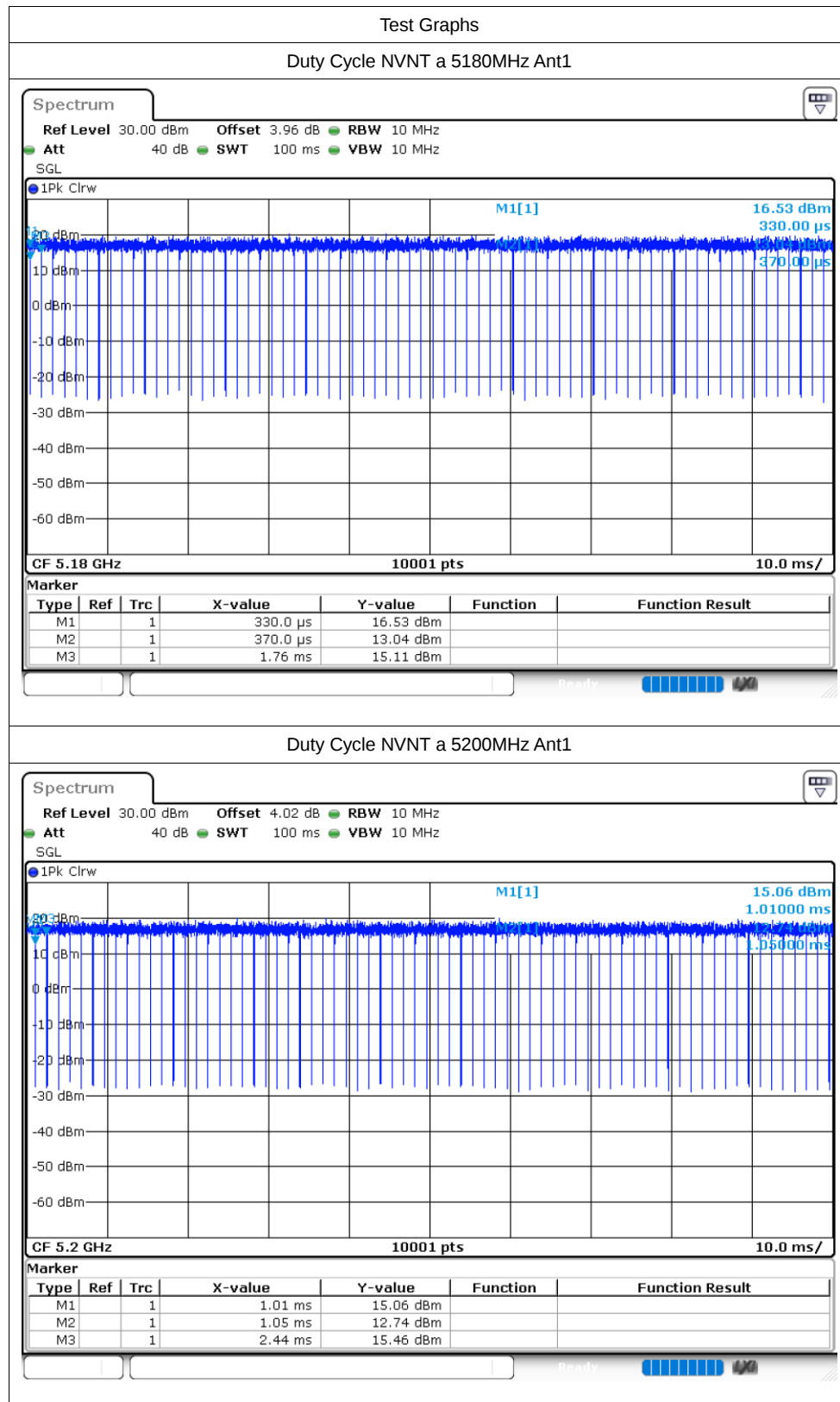
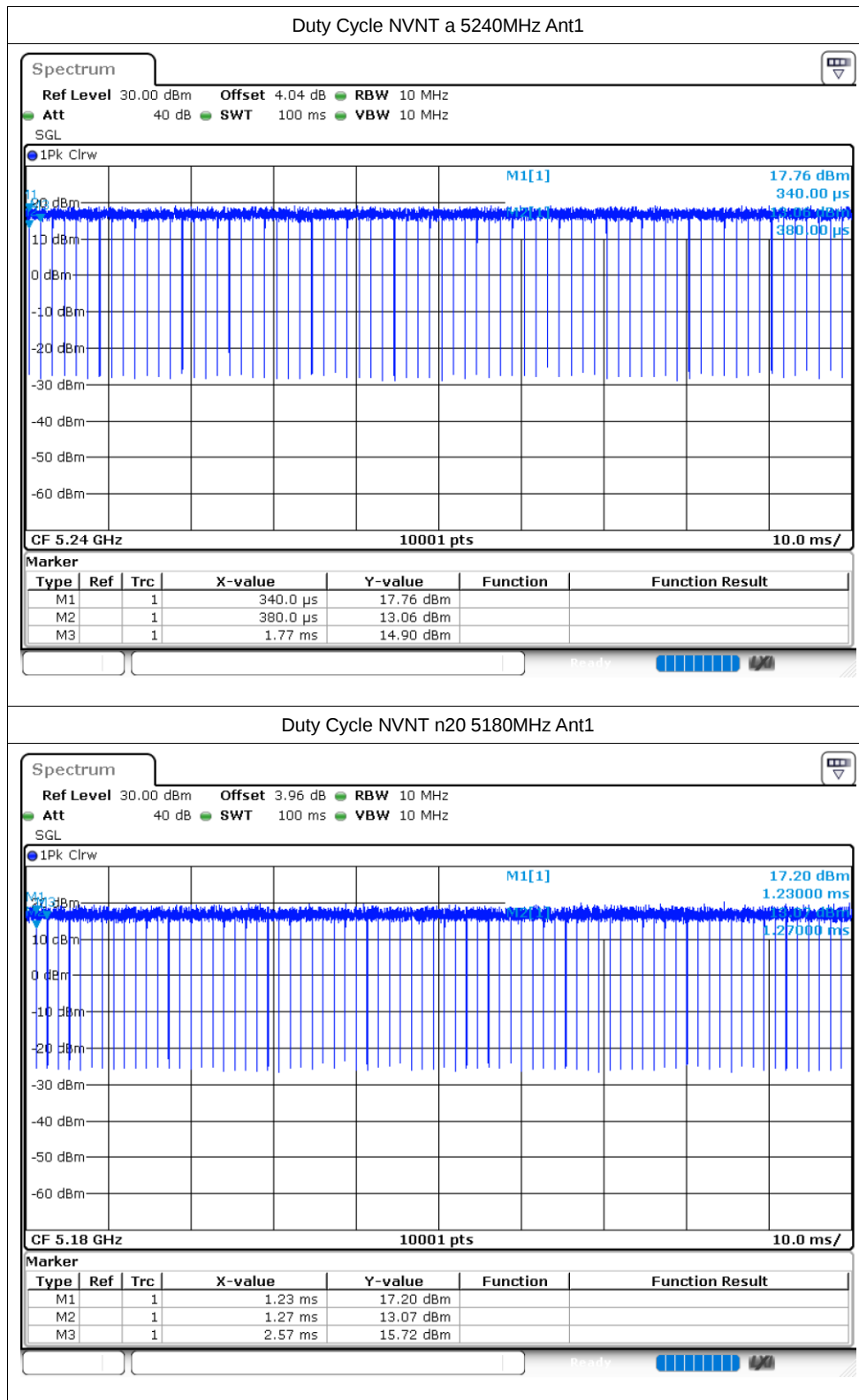


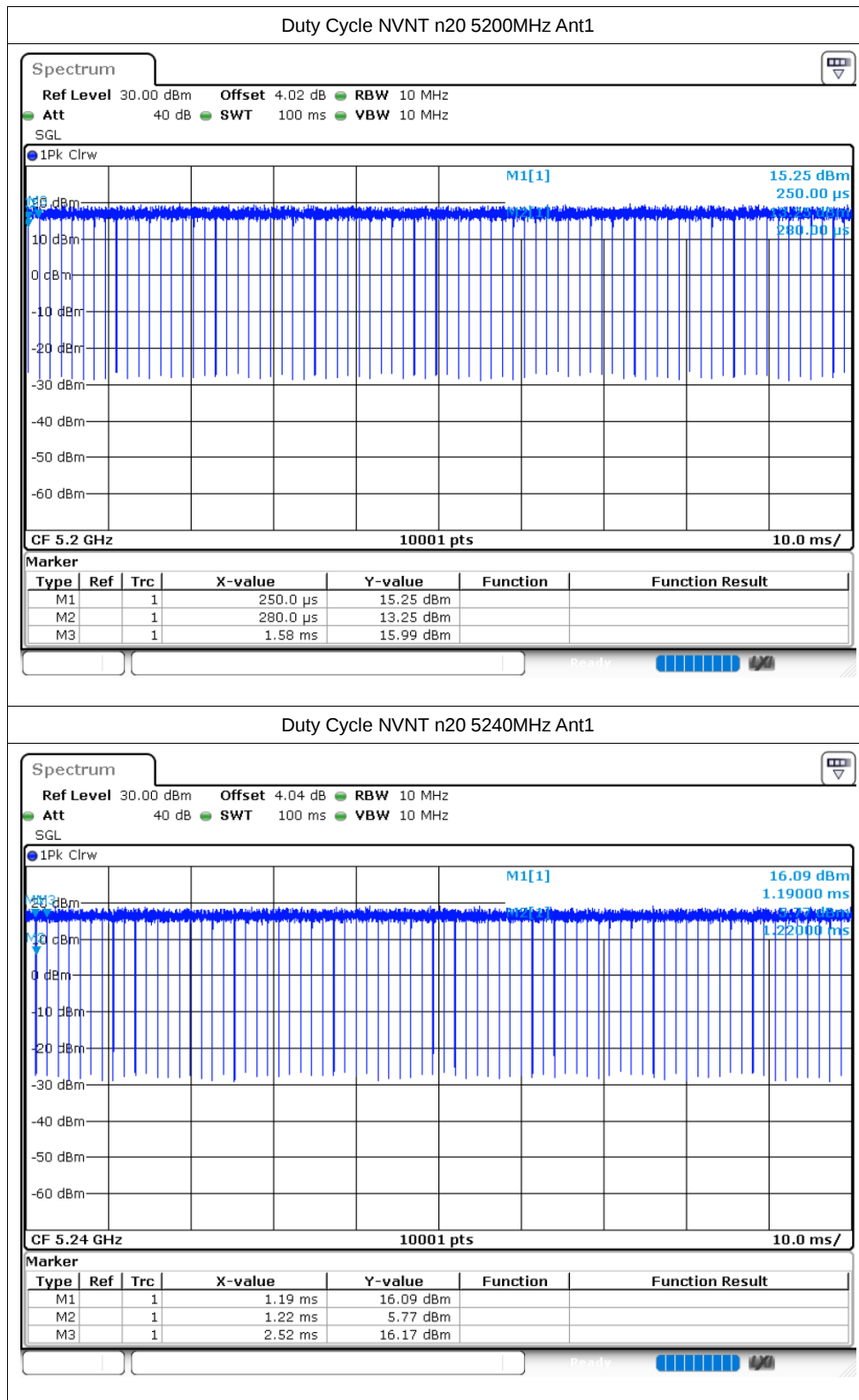
WIFI 5.2G:

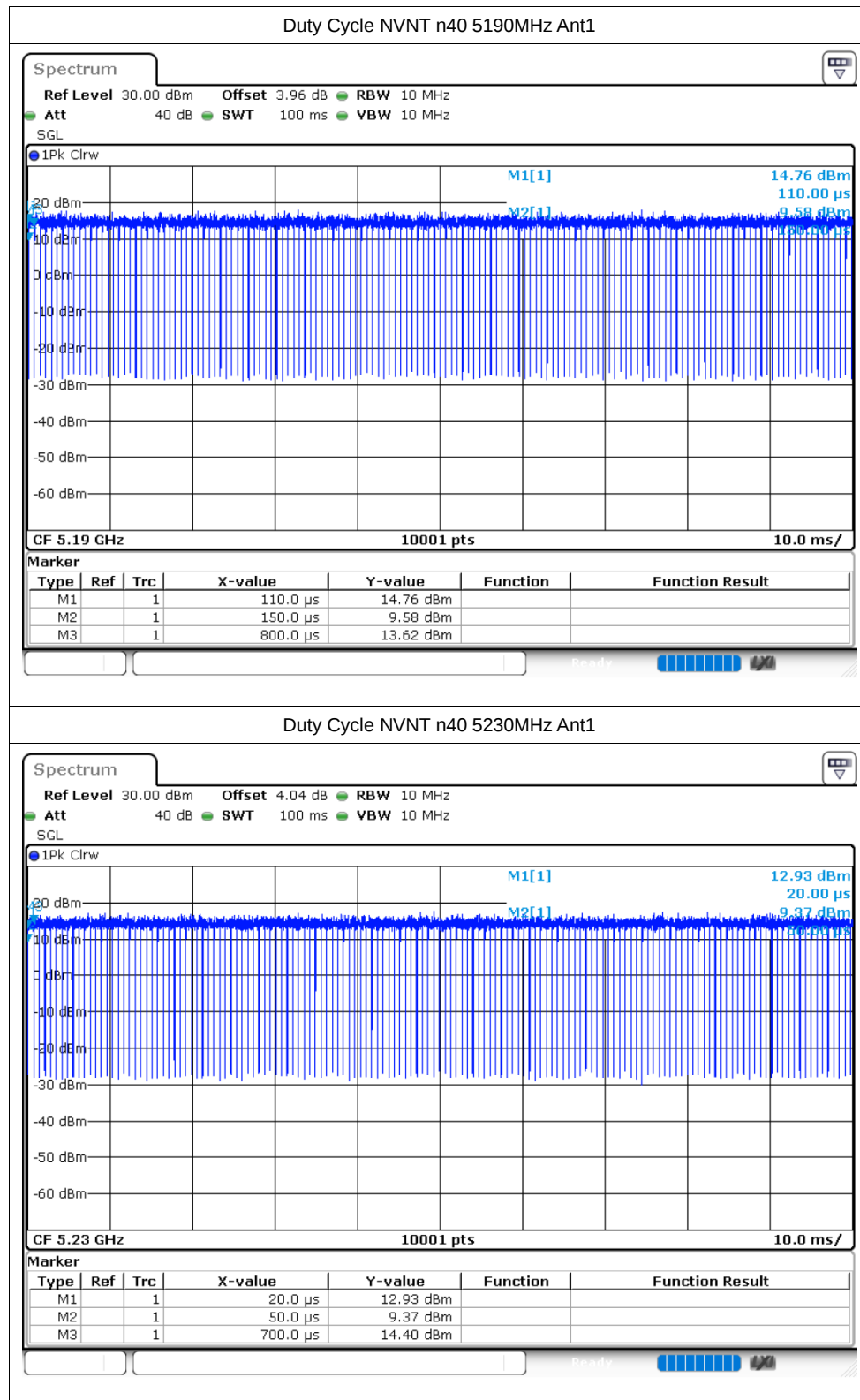
Duty Cycle

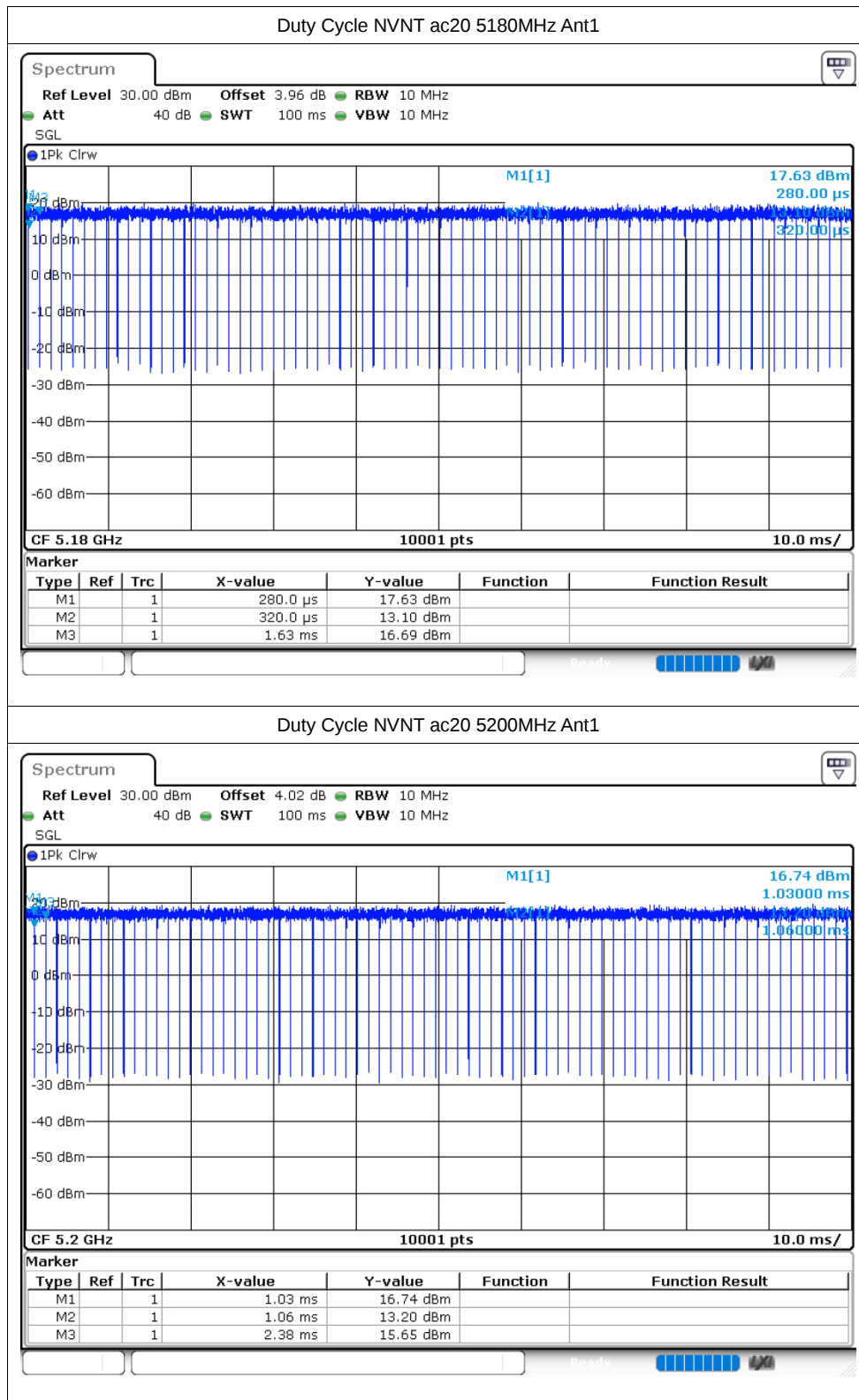
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.2	0.08	0.72
NVNT	a	5200	Ant1	98.18	0.08	0.72
NVNT	a	5240	Ant1	98.2	0.08	0.72
NVNT	n20	5180	Ant1	98.07	0.08	0.77
NVNT	n20	5200	Ant1	98.06	0.09	0.77
NVNT	n20	5240	Ant1	98.09	0.08	0.77
NVNT	n40	5190	Ant1	96.32	0.16	1.54
NVNT	n40	5230	Ant1	96.32	0.16	1.54
NVNT	ac20	5180	Ant1	98.07	0.08	0.76
NVNT	ac20	5200	Ant1	98.05	0.09	0.76
NVNT	ac20	5240	Ant1	98.06	0.09	0.76
NVNT	ac40	5190	Ant1	96.35	0.16	1.54
NVNT	ac40	5230	Ant1	96.36	0.16	1.54
NVNT	ac80	5210	Ant1	93.13	0.31	3.13
NVNT	ax20	5180	Ant1	98.05	0.09	0.76
NVNT	ax20	5200	Ant1	98.05	0.09	0.76
NVNT	ax20	5240	Ant1	98.08	0.08	0.76
NVNT	ax40	5190	Ant1	96.34	0.16	1.54
NVNT	ax40	5230	Ant1	96.41	0.16	1.54
NVNT	ax80	5210	Ant1	93.17	0.31	3.13

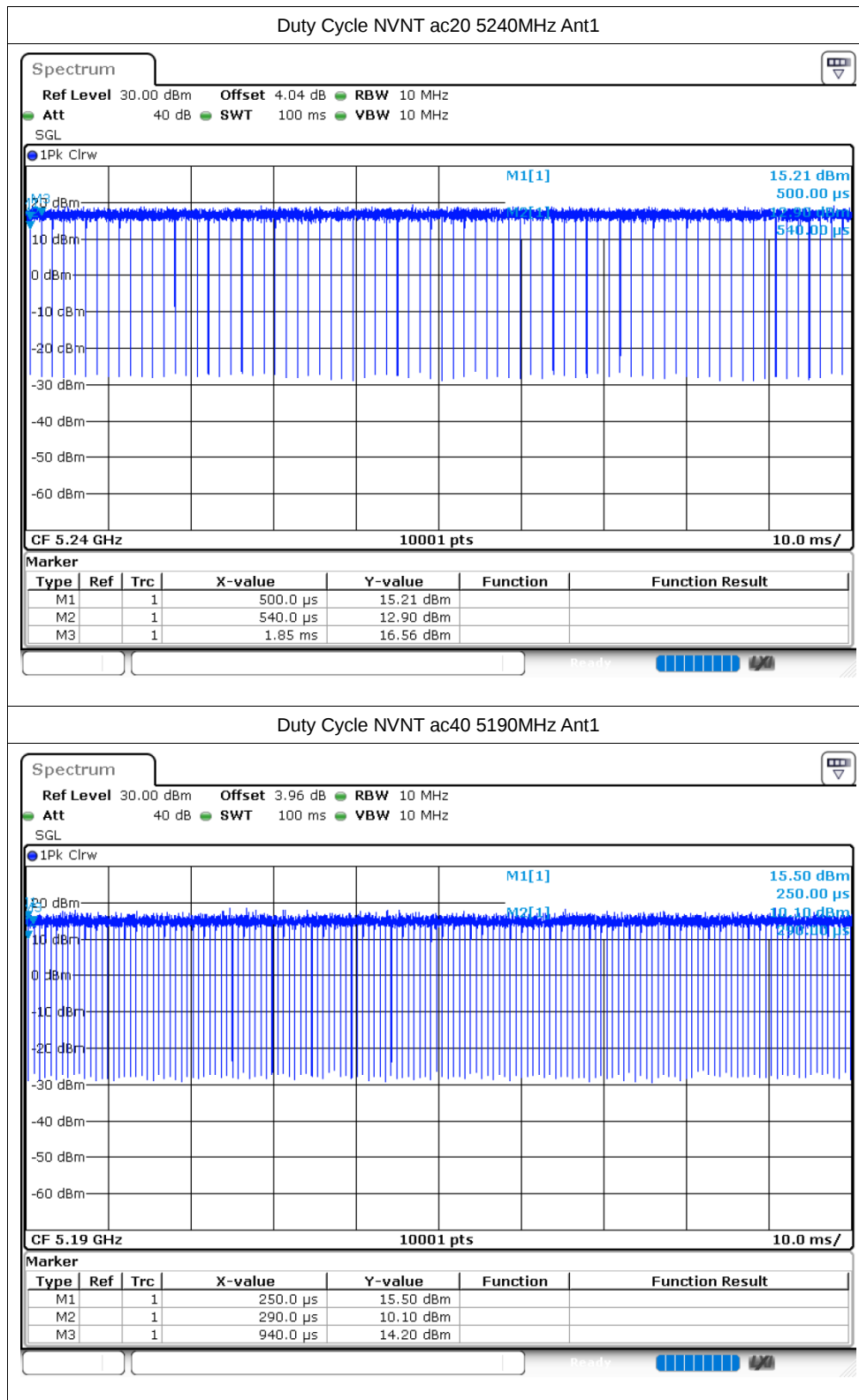


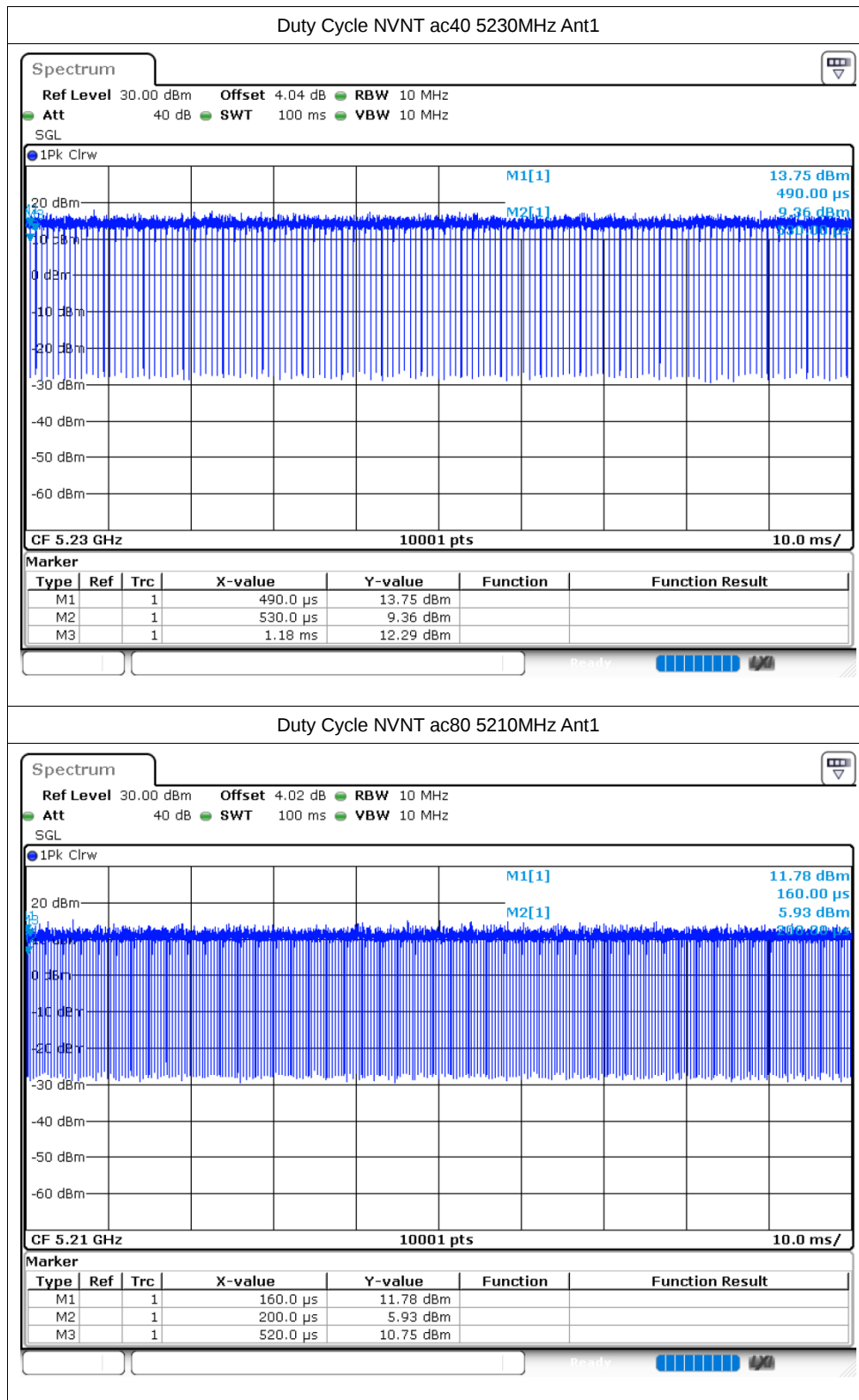


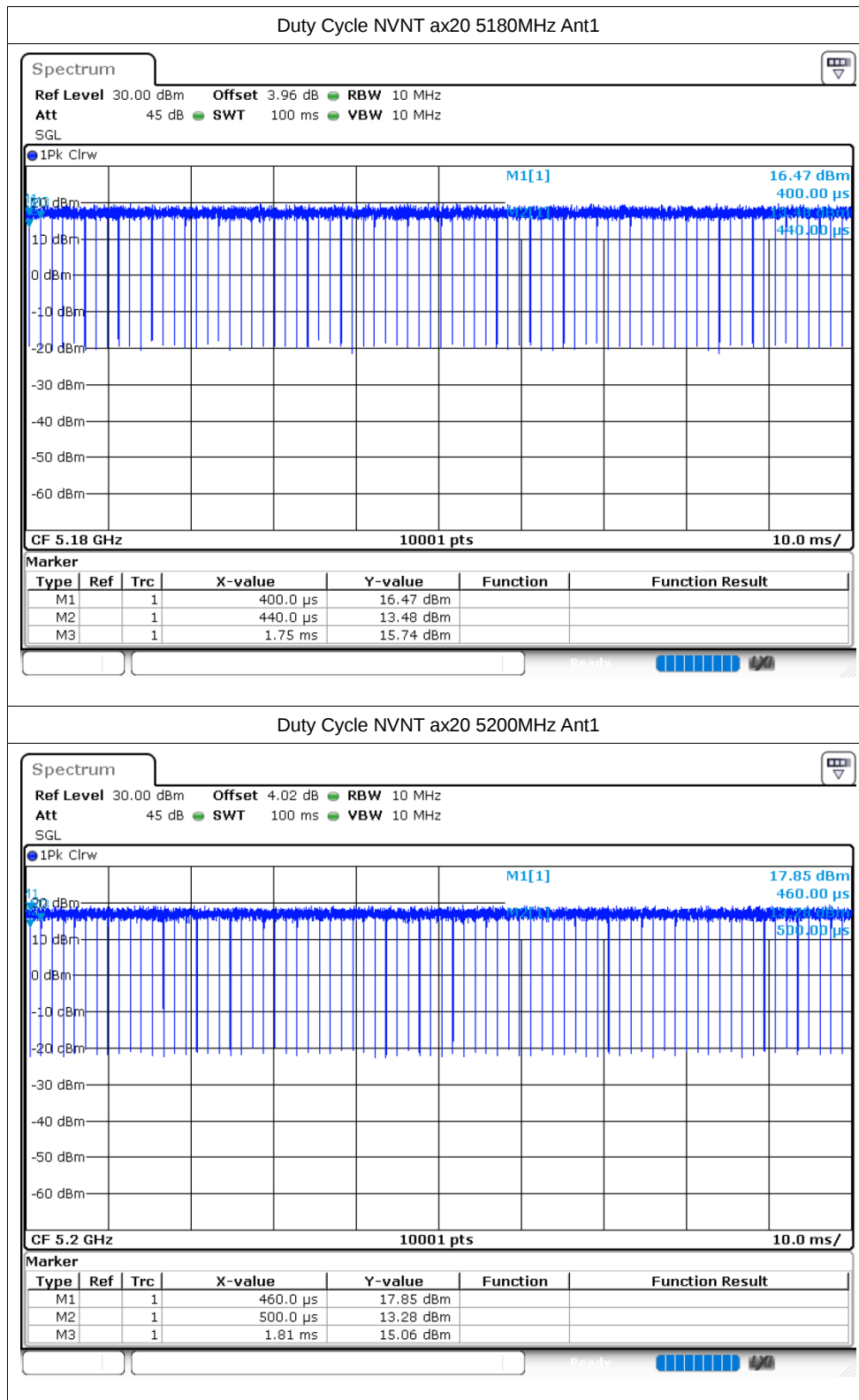


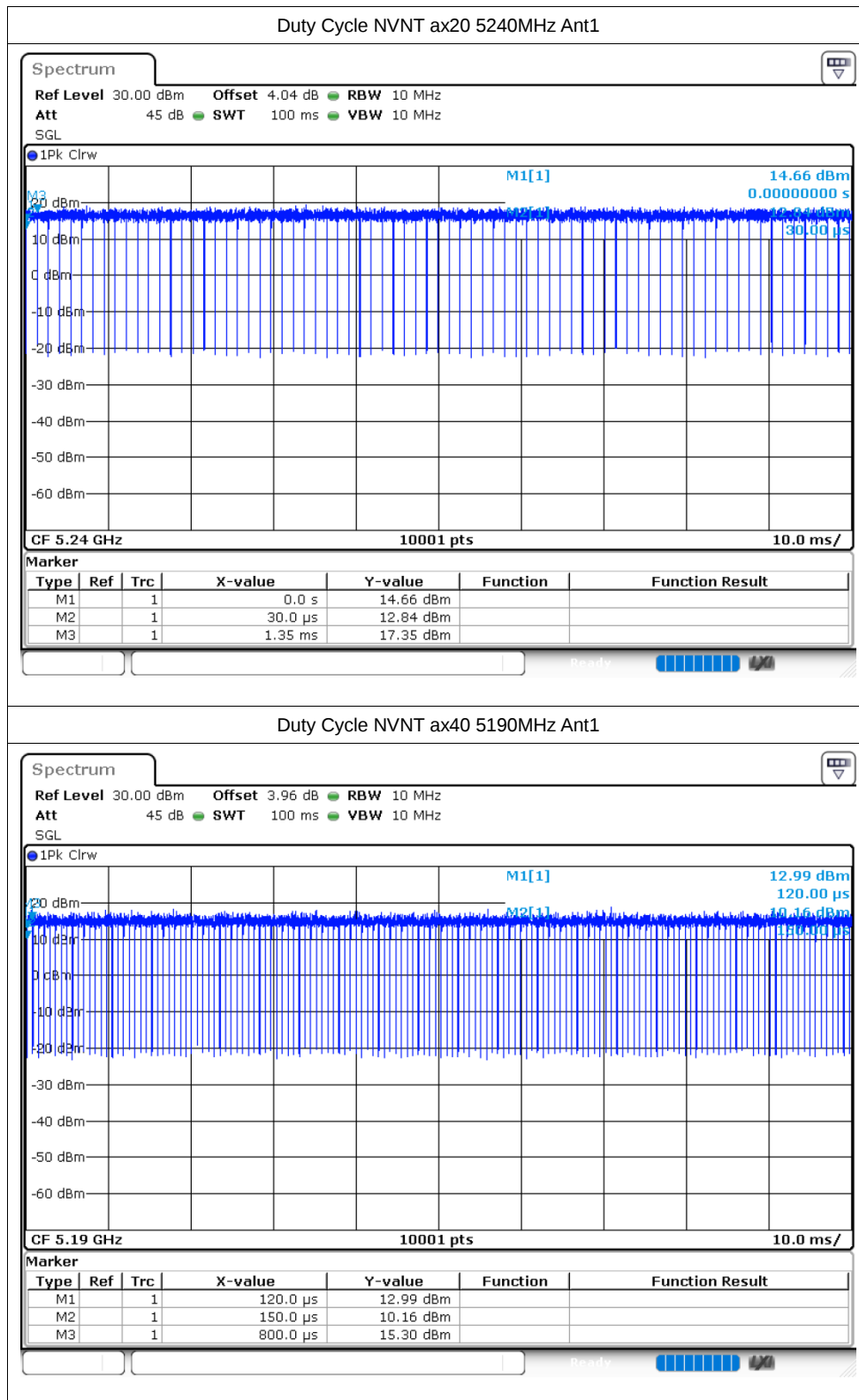


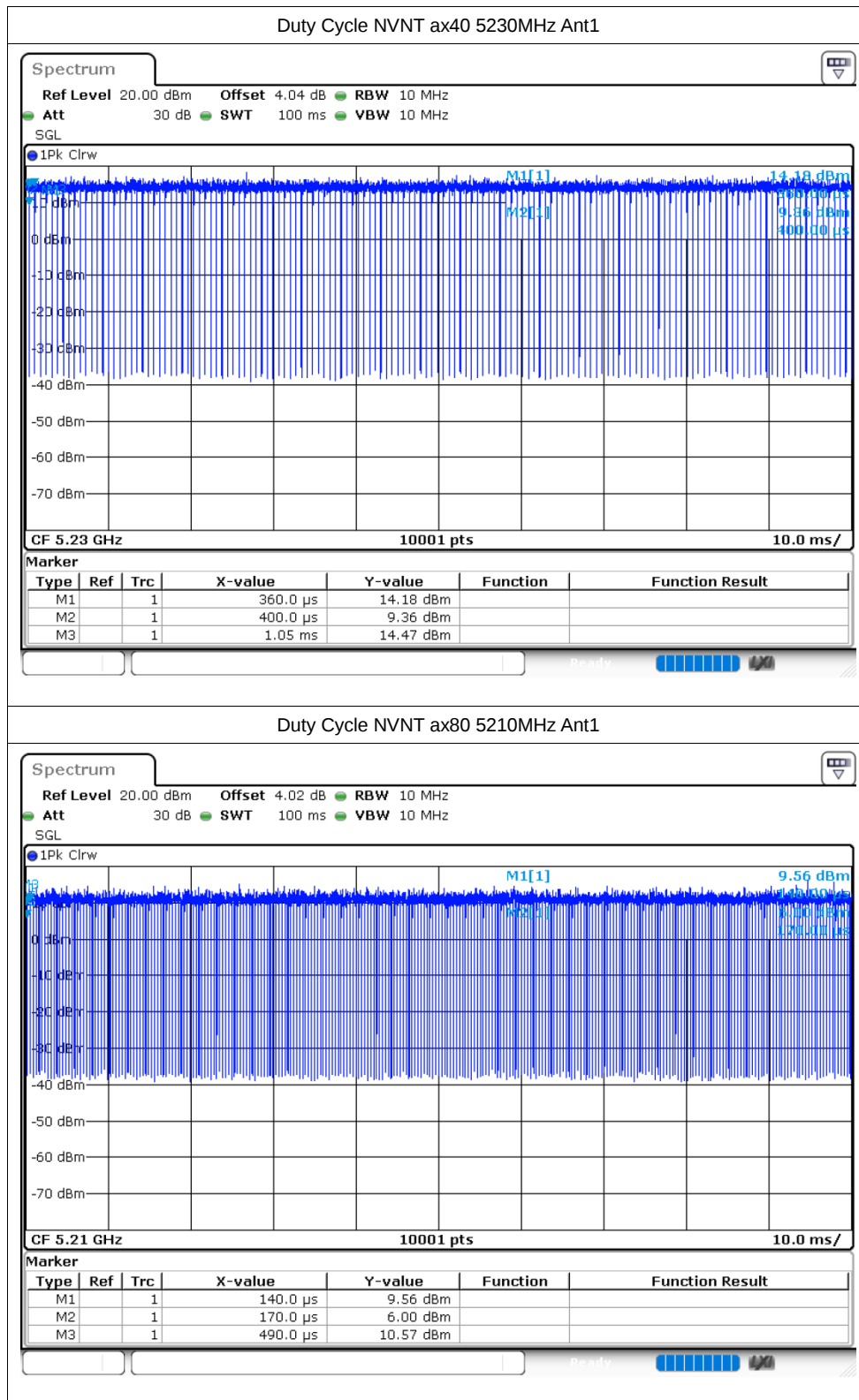












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.82	24	Pass
NVNT	a	5200	Ant1	11.84	24	Pass
NVNT	a	5240	Ant1	11.46	24	Pass
NVNT	n20	5180	Ant1	10.8	24	Pass
NVNT	n20	5200	Ant1	11.2	24	Pass
NVNT	n20	5240	Ant1	10.36	24	Pass
NVNT	n40	5190	Ant1	10.2	24	Pass
NVNT	n40	5230	Ant1	9.99	24	Pass
NVNT	ac20	5180	Ant1	10.96	24	Pass
NVNT	ac20	5200	Ant1	11.11	24	Pass
NVNT	ac20	5240	Ant1	10.54	24	Pass
NVNT	ac40	5190	Ant1	10.18	24	Pass
NVNT	ac40	5230	Ant1	9.79	24	Pass
NVNT	ac80	5210	Ant1	9.8	24	Pass
NVNT	ax20	5180	Ant1	10.88	24	Pass
NVNT	ax20	5200	Ant1	11.05	24	Pass
NVNT	ax20	5240	Ant1	10.84	24	Pass
NVNT	ax40	5190	Ant1	10.32	24	Pass
NVNT	ax40	5230	Ant1	9.87	24	Pass
NVNT	ax80	5210	Ant1	10.12	24	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.316	0.5	Pass
NVNT	a	5200	Ant1	20.04	0.5	Pass
NVNT	a	5240	Ant1	19.269	0.5	Pass
NVNT	n20	5180	Ant1	20.838	0.5	Pass
NVNT	n20	5200	Ant1	20.523	0.5	Pass
NVNT	n20	5240	Ant1	21.129	0.5	Pass
NVNT	n40	5190	Ant1	40.614	0.5	Pass
NVNT	n40	5230	Ant1	41.01	0.5	Pass
NVNT	ac20	5180	Ant1	20.874	0.5	Pass
NVNT	ac20	5200	Ant1	21.183	0.5	Pass
NVNT	ac20	5240	Ant1	20.097	0.5	Pass
NVNT	ac40	5190	Ant1	40.746	0.5	Pass
NVNT	ac40	5230	Ant1	40.812	0.5	Pass
NVNT	ac80	5210	Ant1	80.58	0.5	Pass
NVNT	ax20	5180	Ant1	20.91	0.5	Pass
NVNT	ax20	5200	Ant1	21.024	0.5	Pass
NVNT	ax20	5240	Ant1	21.135	0.5	Pass
NVNT	ax40	5190	Ant1	39.498	0.5	Pass
NVNT	ax40	5230	Ant1	39.648	0.5	Pass
NVNT	ax80	5210	Ant1	80.7	0.5	Pass

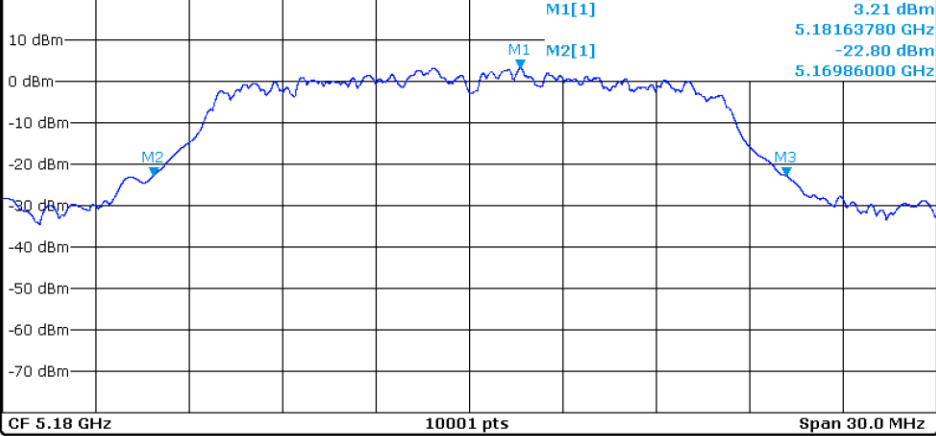
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 300 kHz
 Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

1Pk Max



Marker

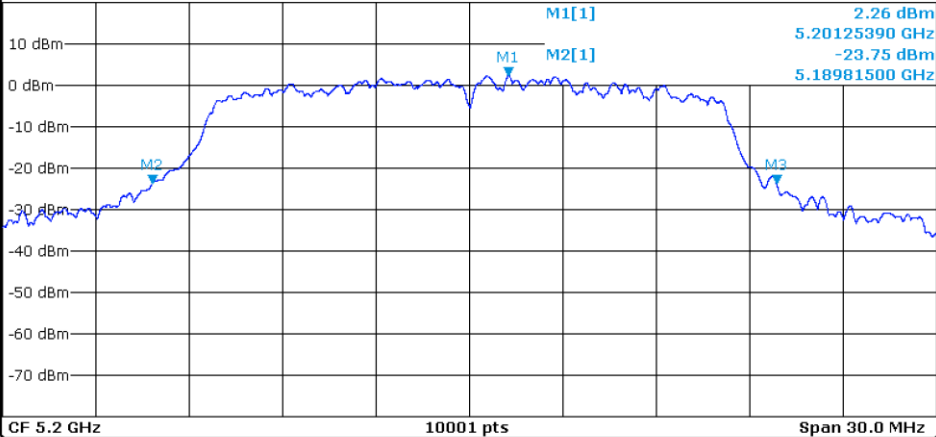
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.1816378 GHz	3.21 dBm		
M2	1		5.16986 GHz	-22.80 dBm		
M3	1		5.190176 GHz	-22.81 dBm		

-26dB Bandwidth NVNT a 5200MHz Ant1

Spectrum

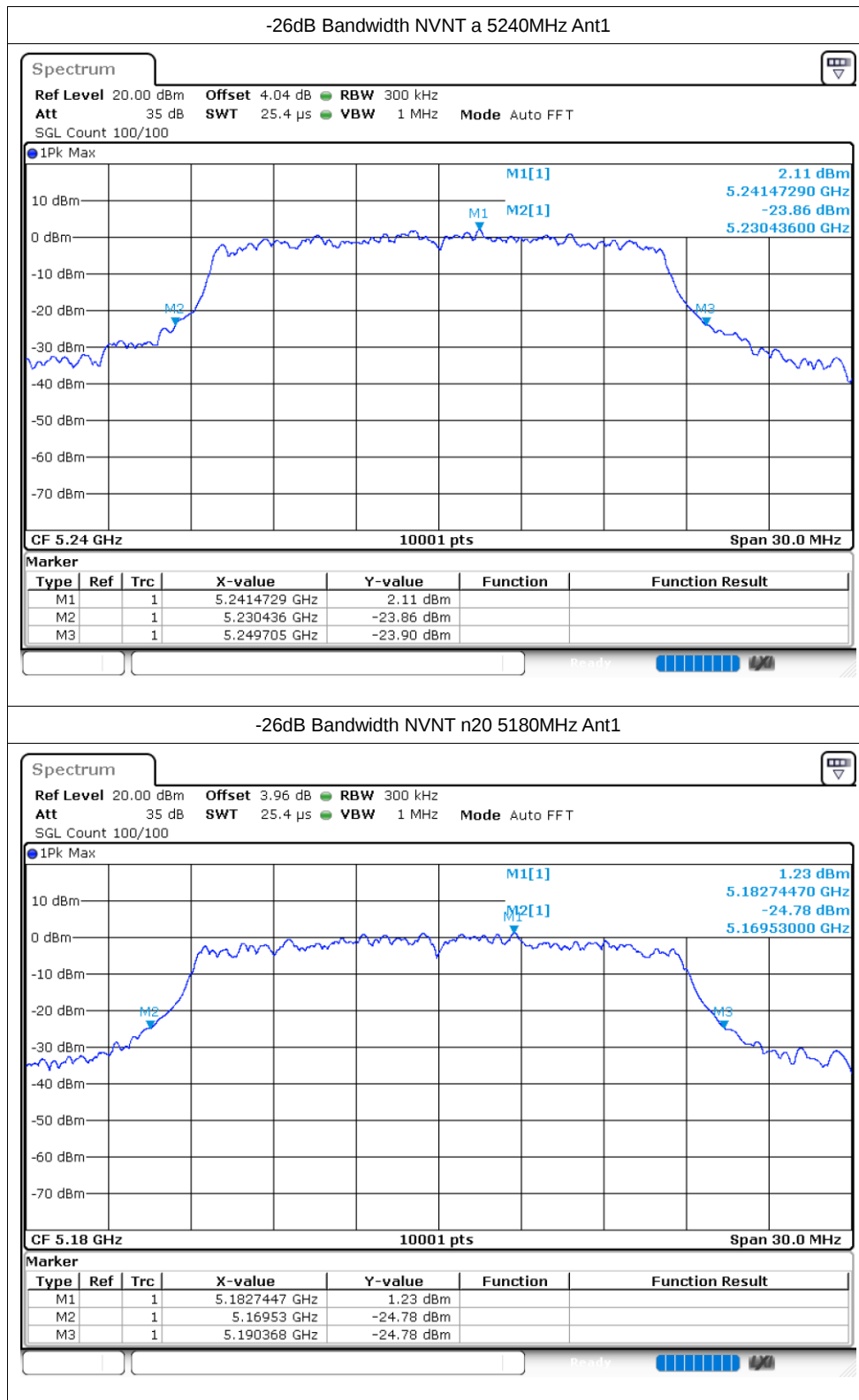
Ref Level 20.00 dBm Offset 4.02 dB RBW 300 kHz
 Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

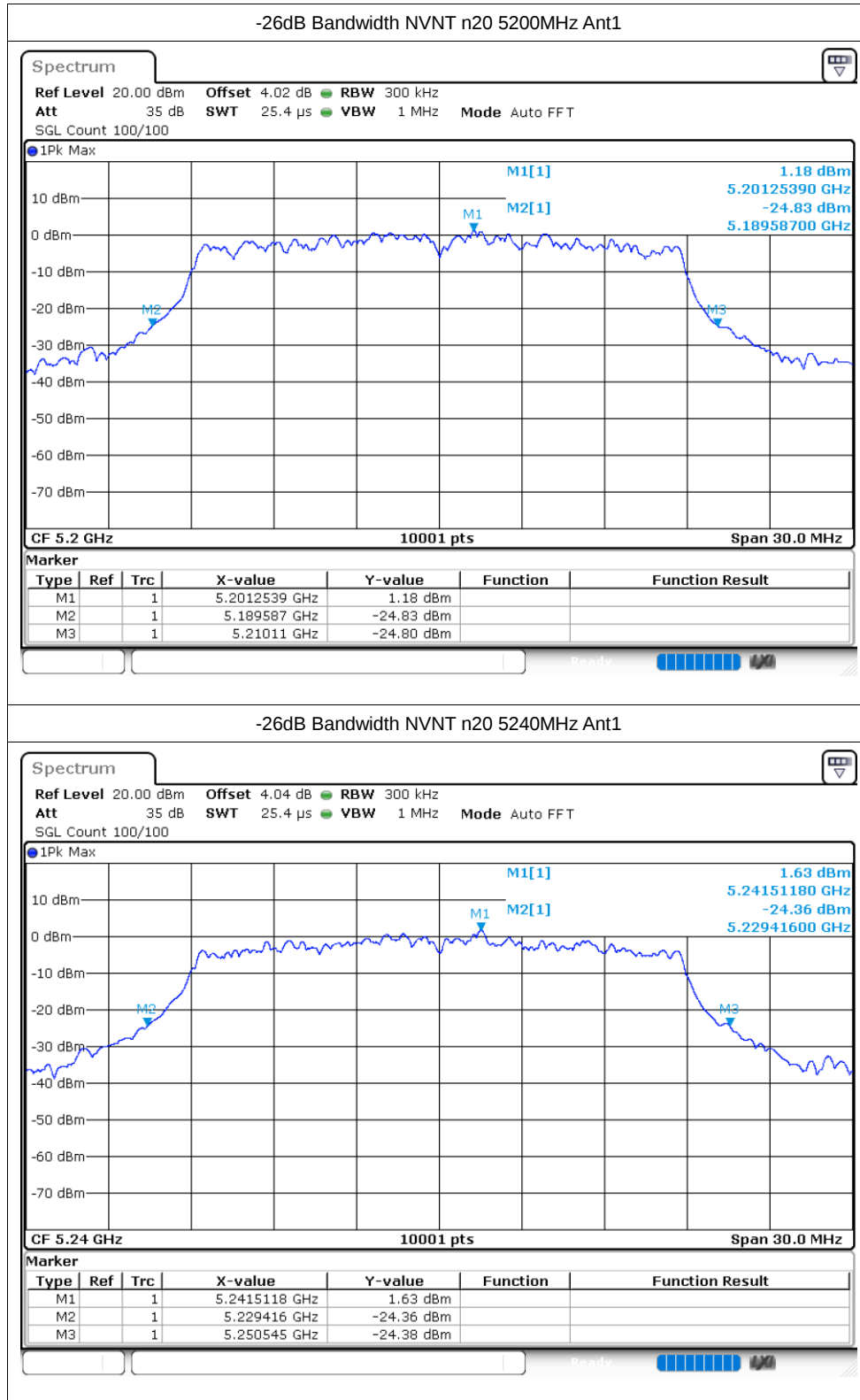
1Pk Max

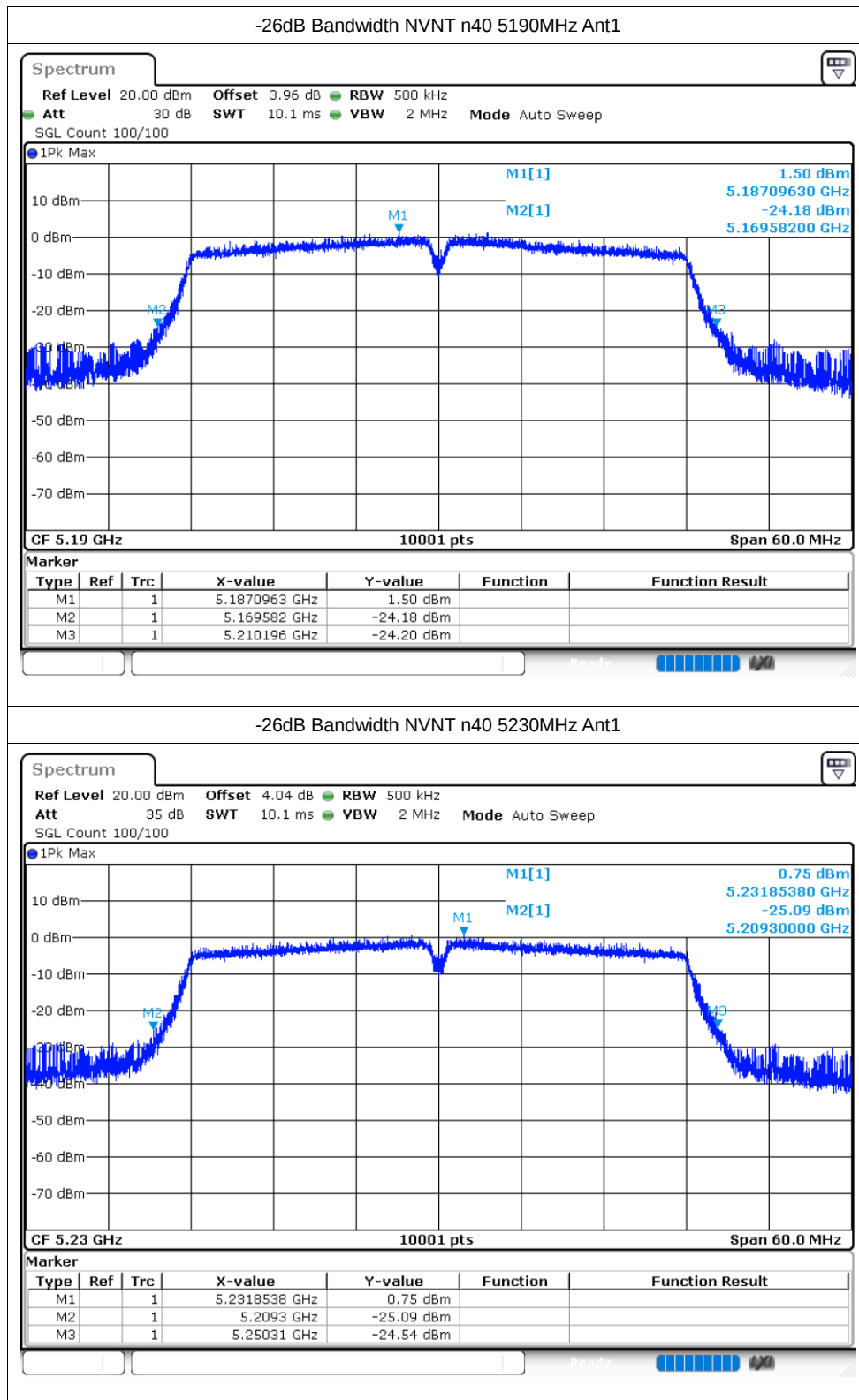


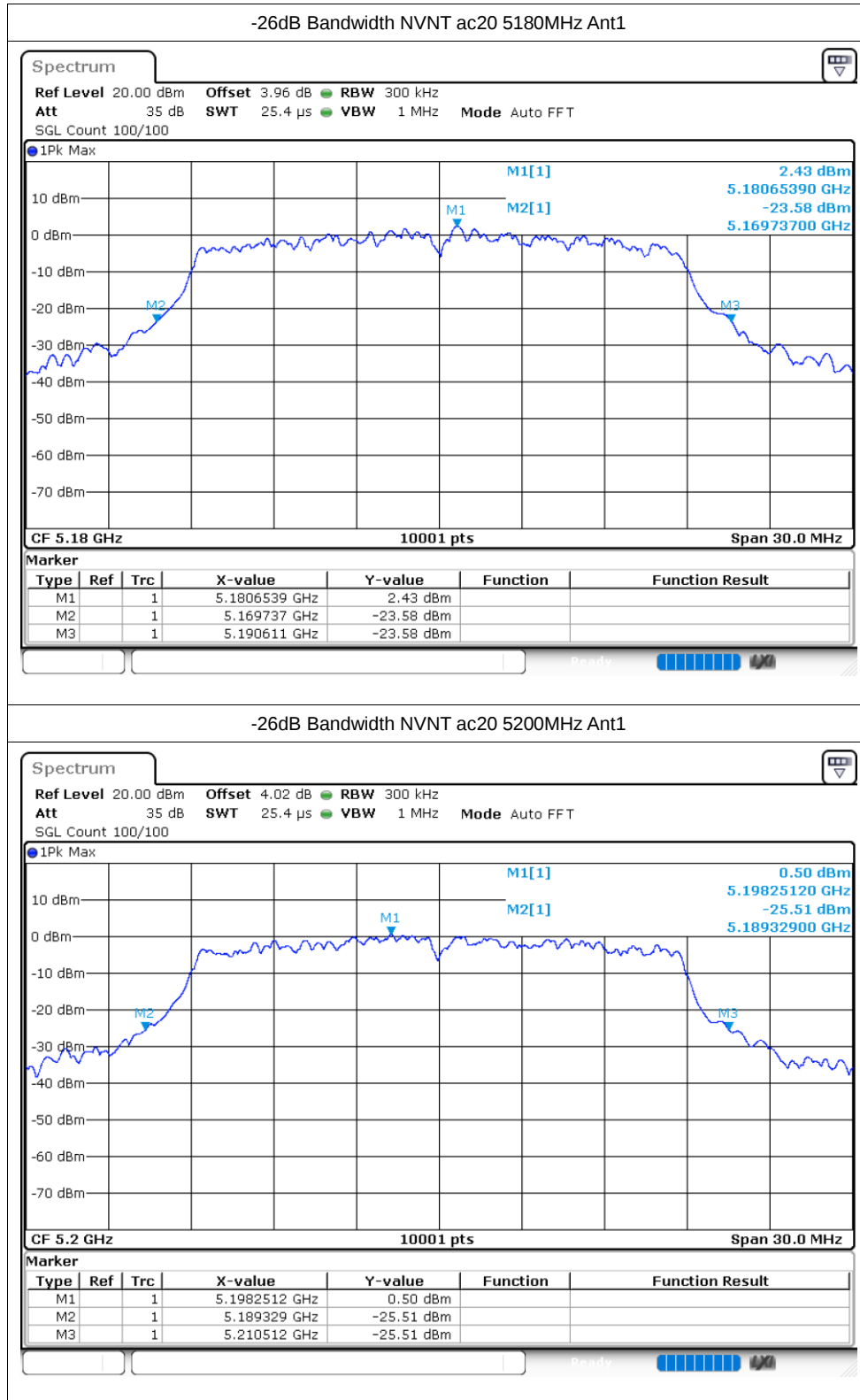
Marker

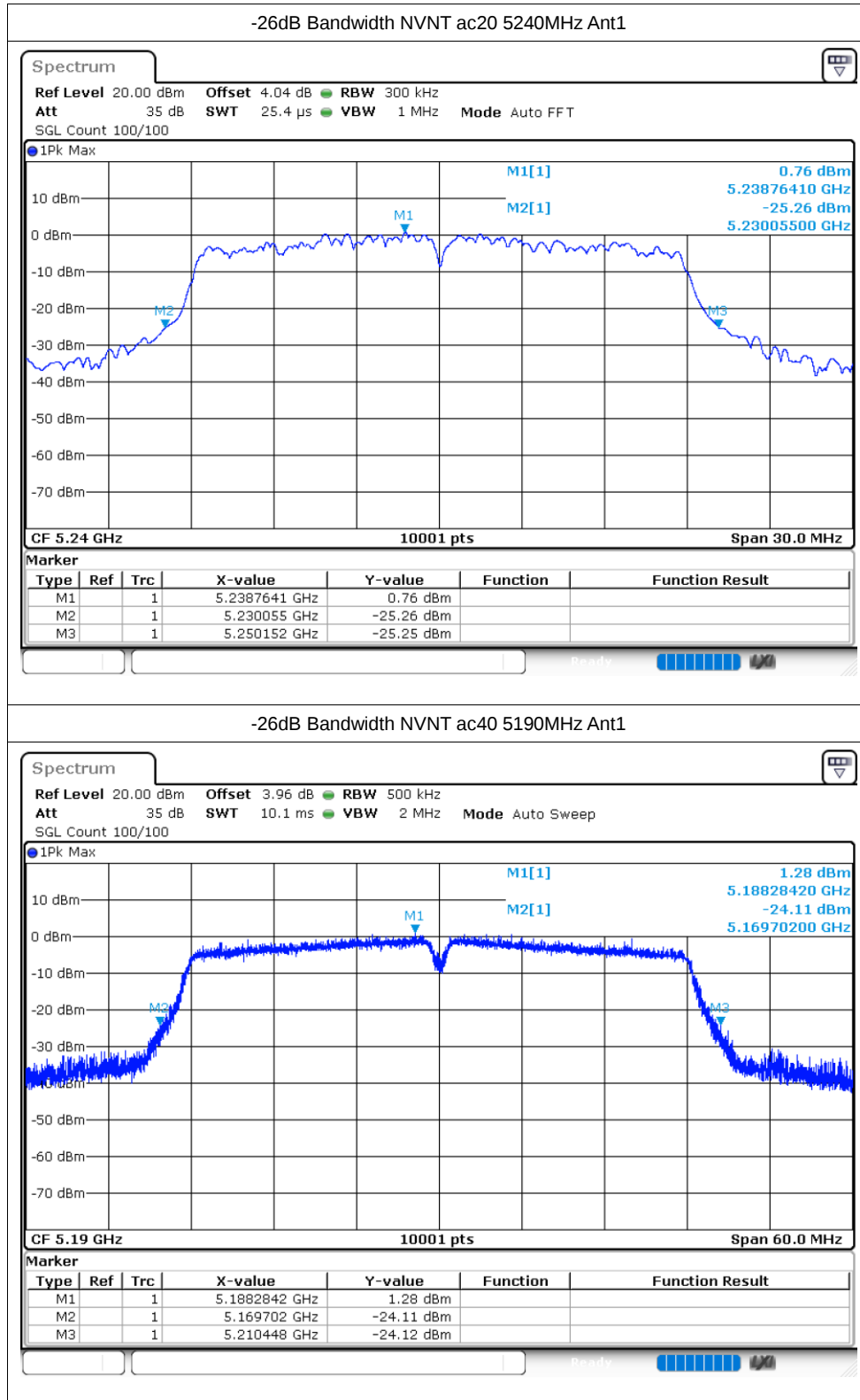
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.2012539 GHz	2.26 dBm		
M2	1		5.189815 GHz	-23.75 dBm		
M3	1		5.209855 GHz	-23.71 dBm		

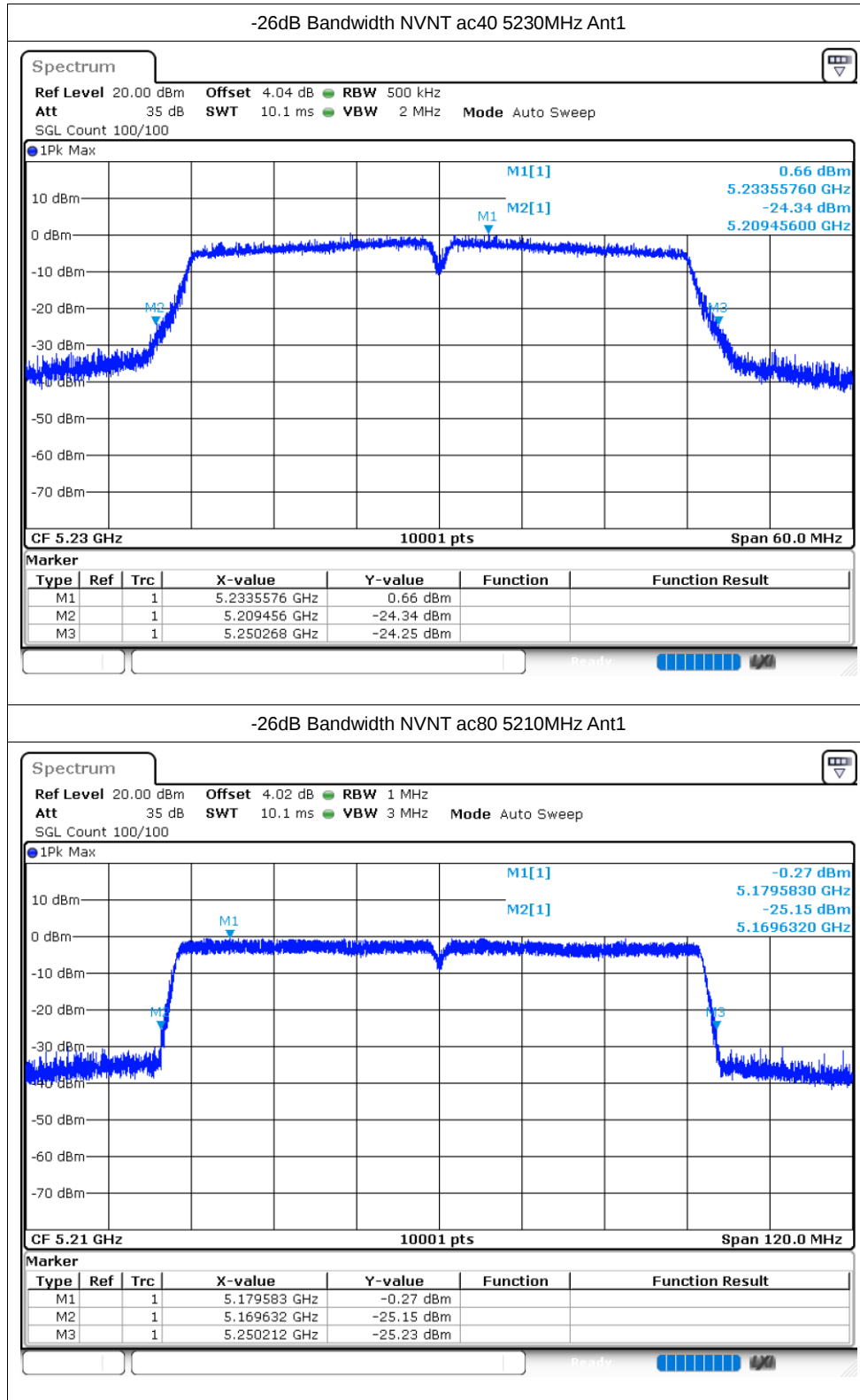


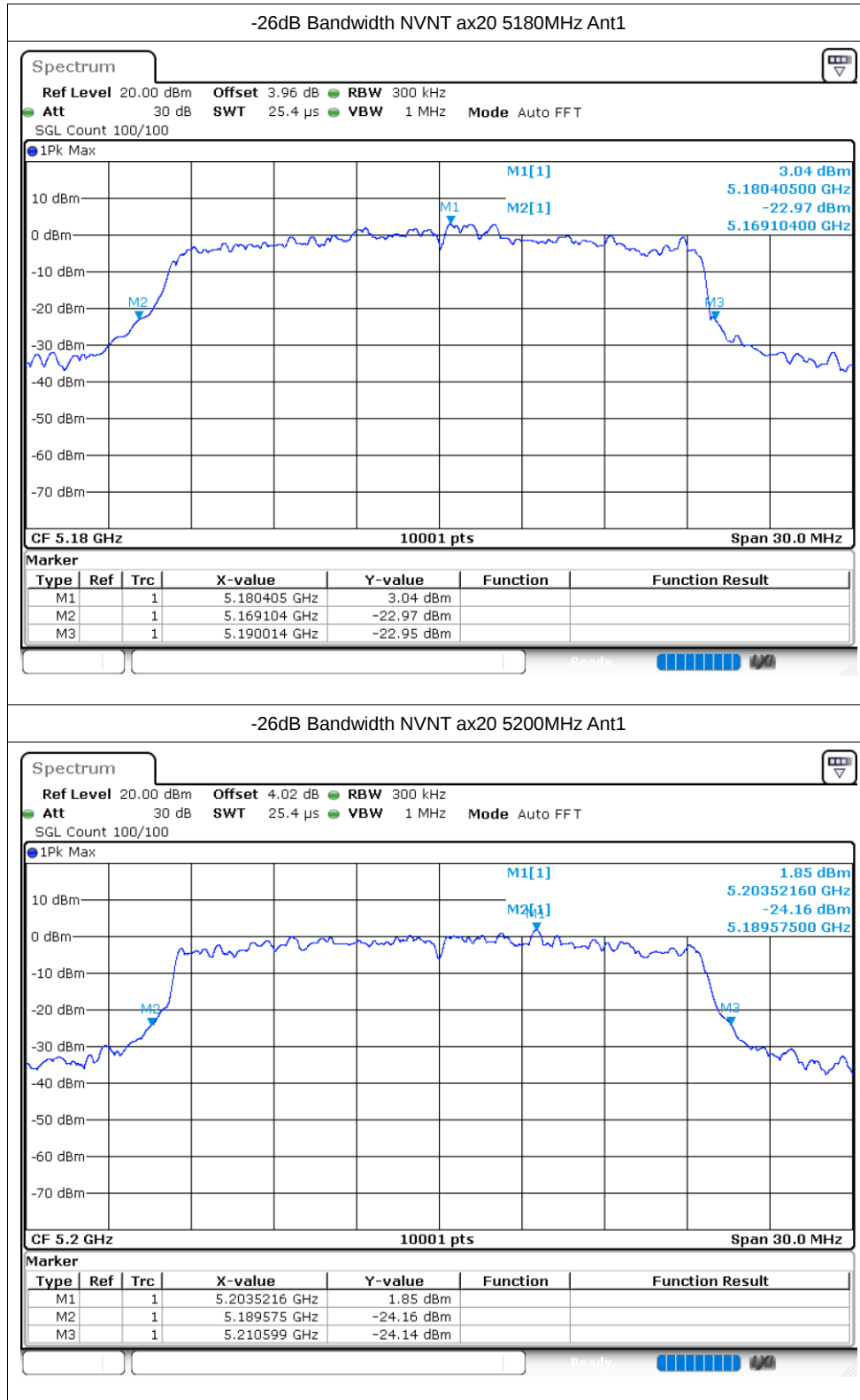


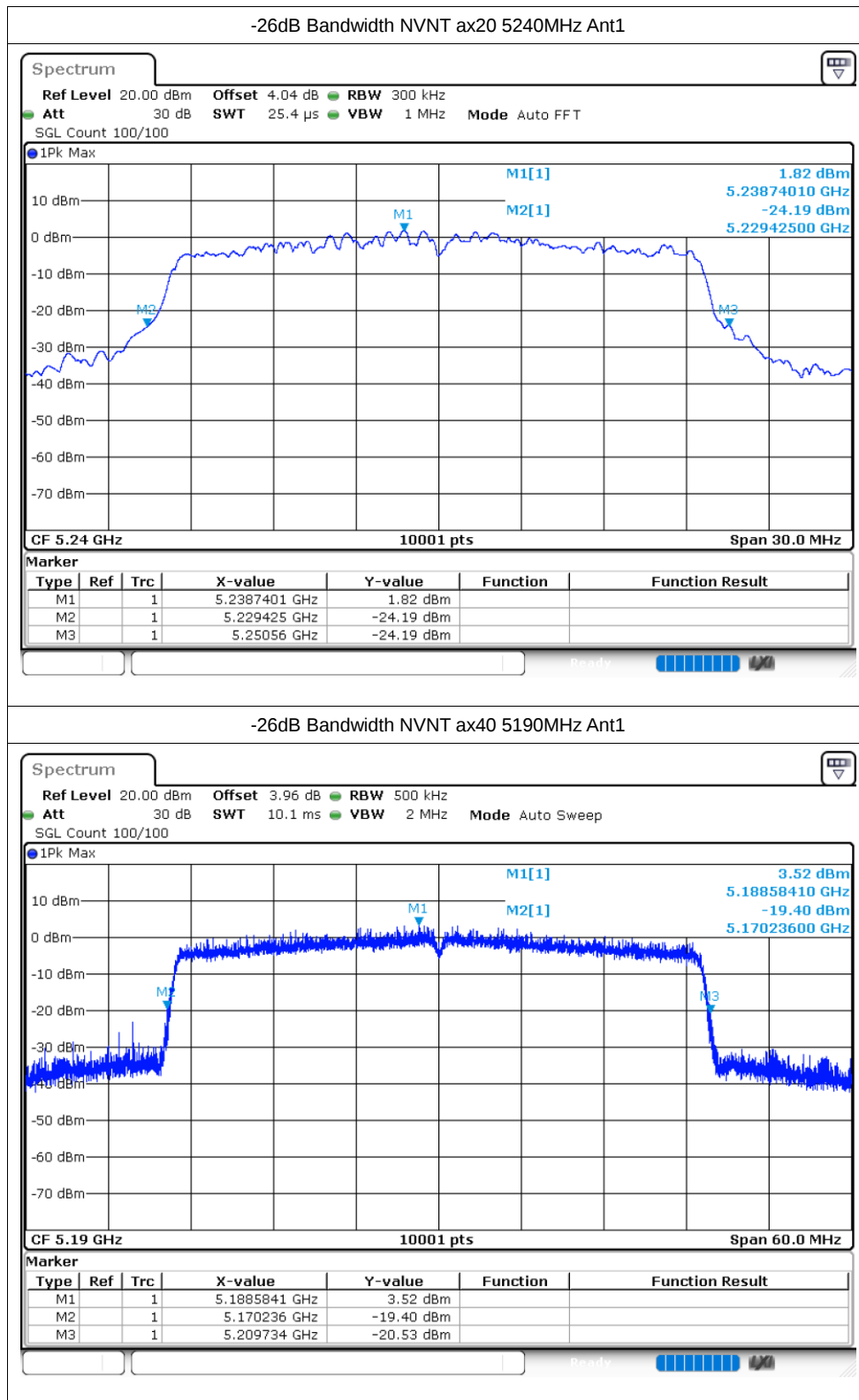


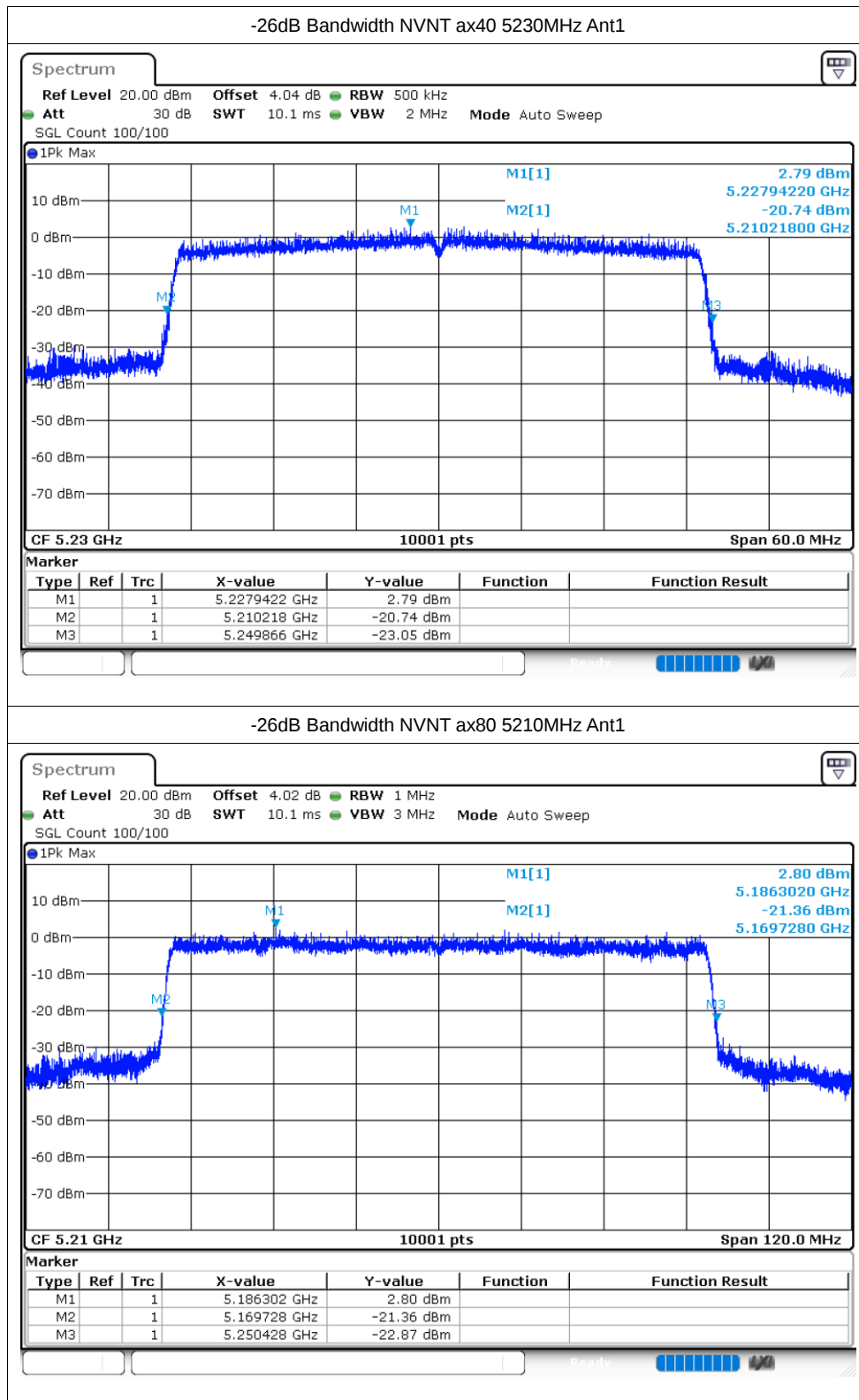










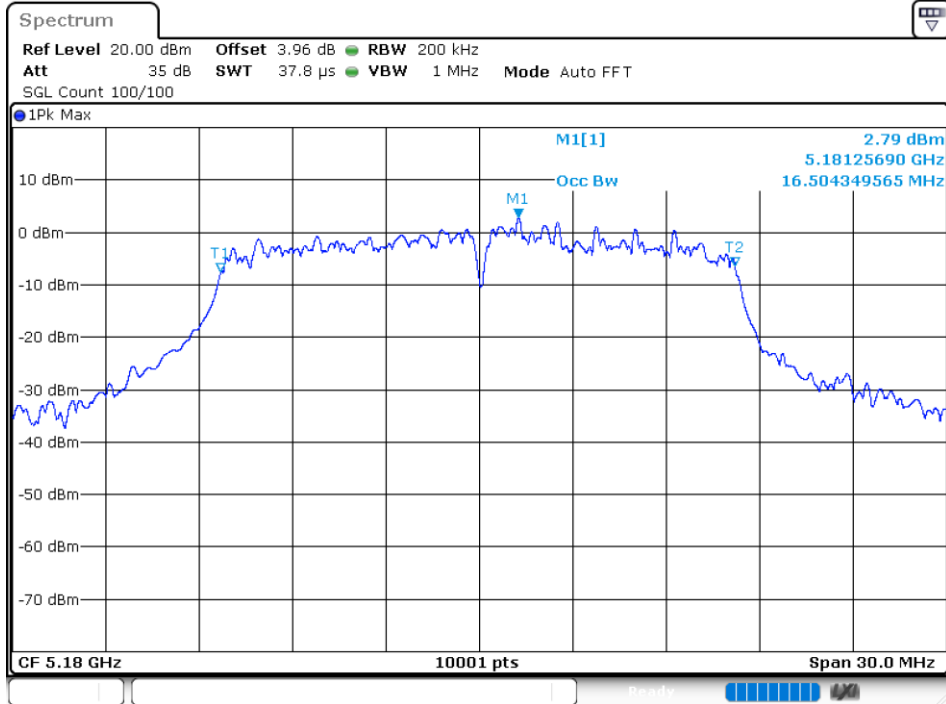


Occupied Channel Bandwidth

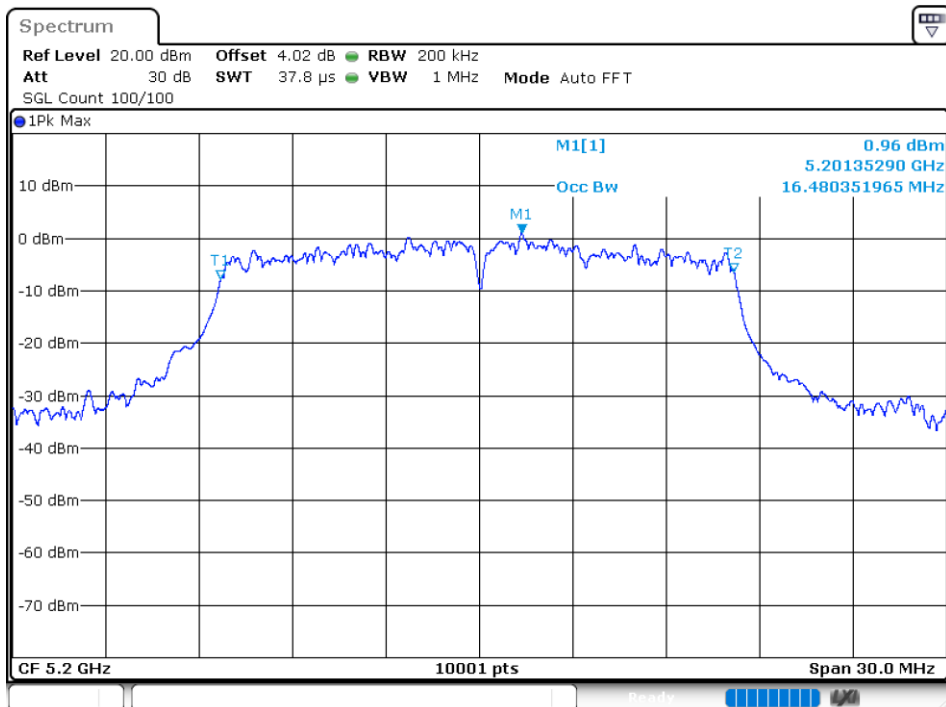
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.504
NVNT	a	5200	Ant1	16.48
NVNT	a	5240	Ant1	16.552
NVNT	n20	5180	Ant1	17.653
NVNT	n20	5200	Ant1	17.65
NVNT	n20	5240	Ant1	17.542
NVNT	n40	5190	Ant1	36.074
NVNT	n40	5230	Ant1	36.17
NVNT	ac20	5180	Ant1	17.572
NVNT	ac20	5200	Ant1	17.602
NVNT	ac20	5240	Ant1	17.632
NVNT	ac40	5190	Ant1	36.086
NVNT	ac40	5230	Ant1	36.17
NVNT	ac80	5210	Ant1	75.748
NVNT	ax20	5180	Ant1	18.841
NVNT	ax20	5200	Ant1	18.916
NVNT	ax20	5240	Ant1	18.853
NVNT	ax40	5190	Ant1	37.556
NVNT	ax40	5230	Ant1	37.586
NVNT	ax80	5210	Ant1	77.224

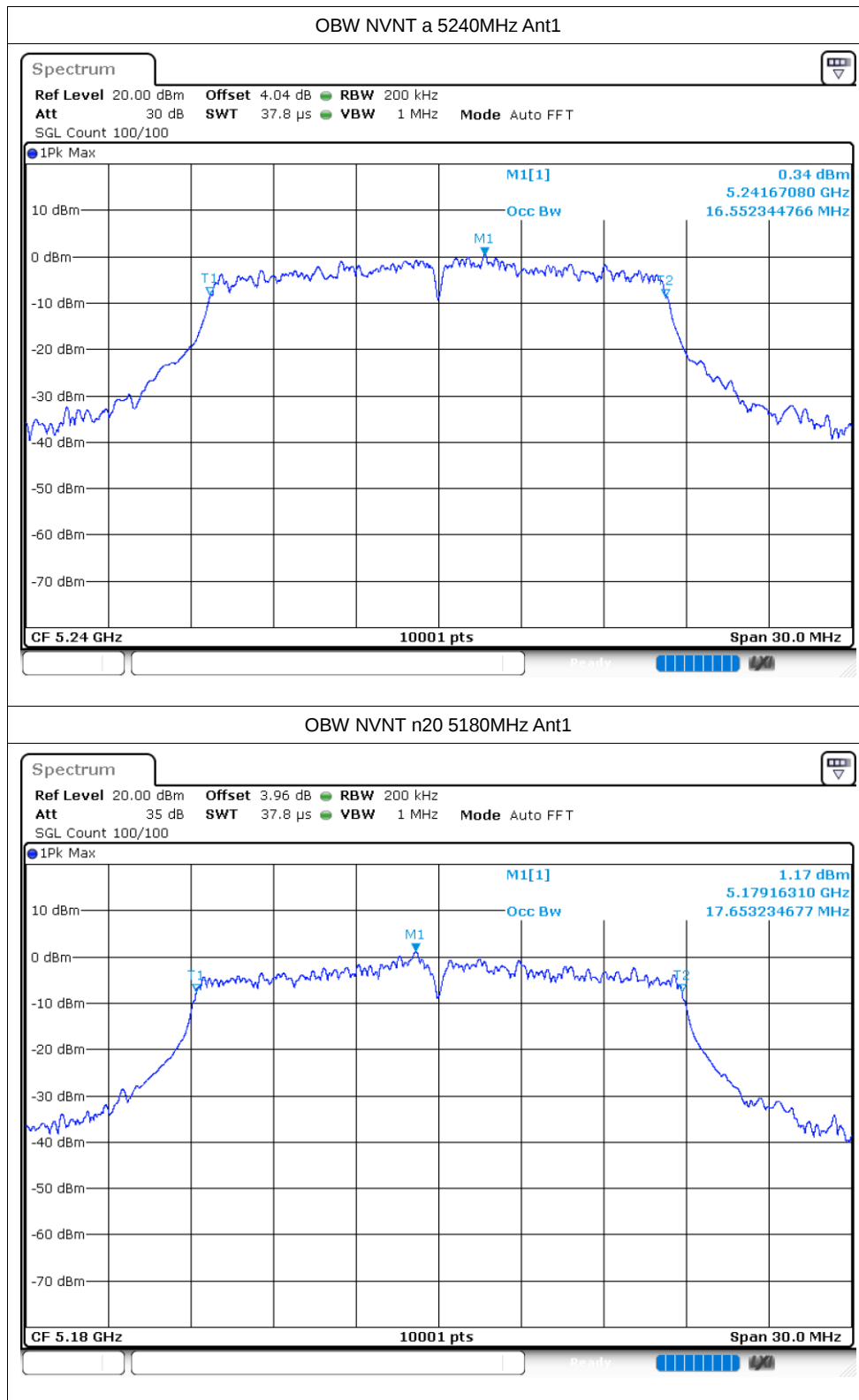
Test Graphs

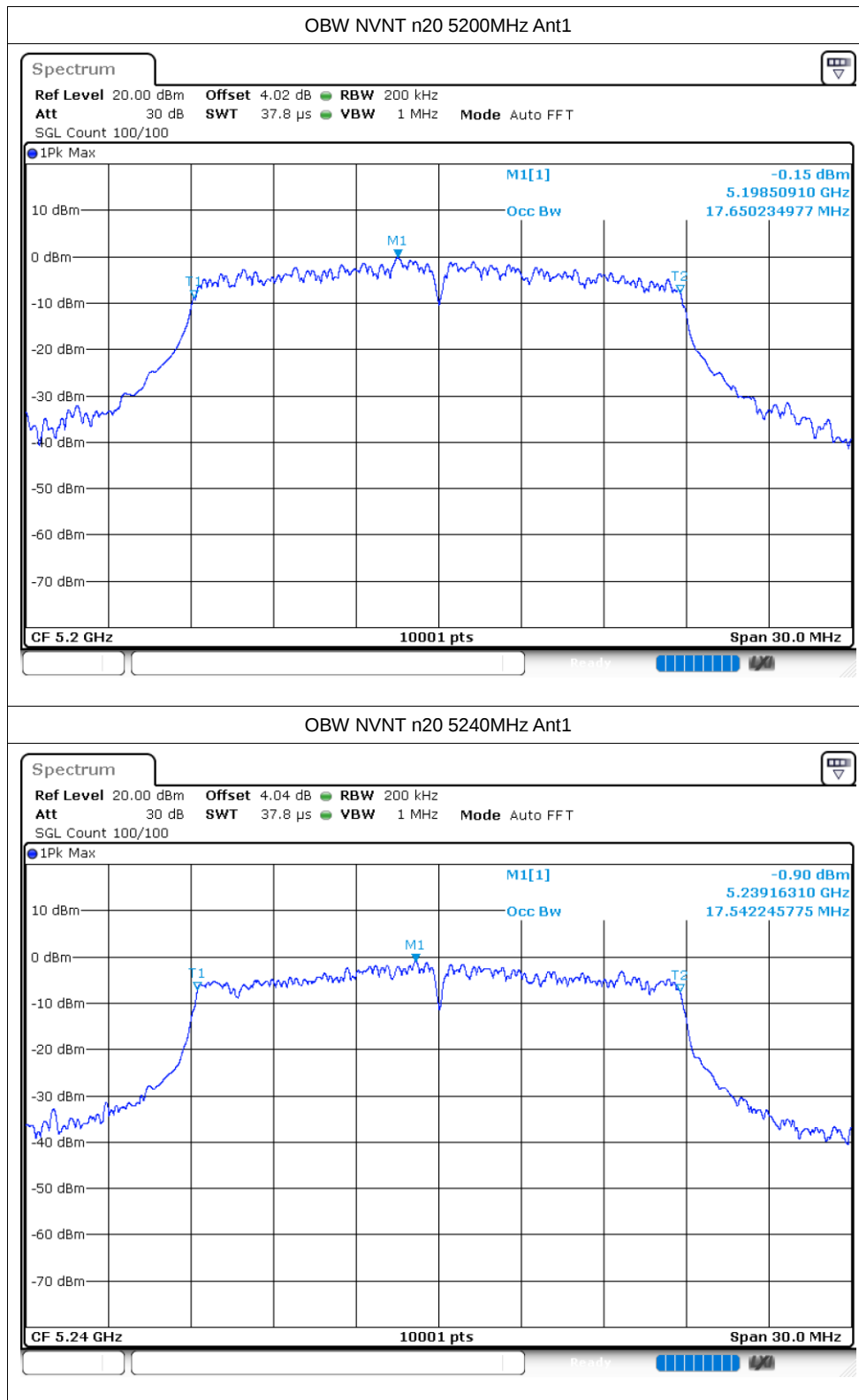
OBW NVNT a 5180MHz Ant1

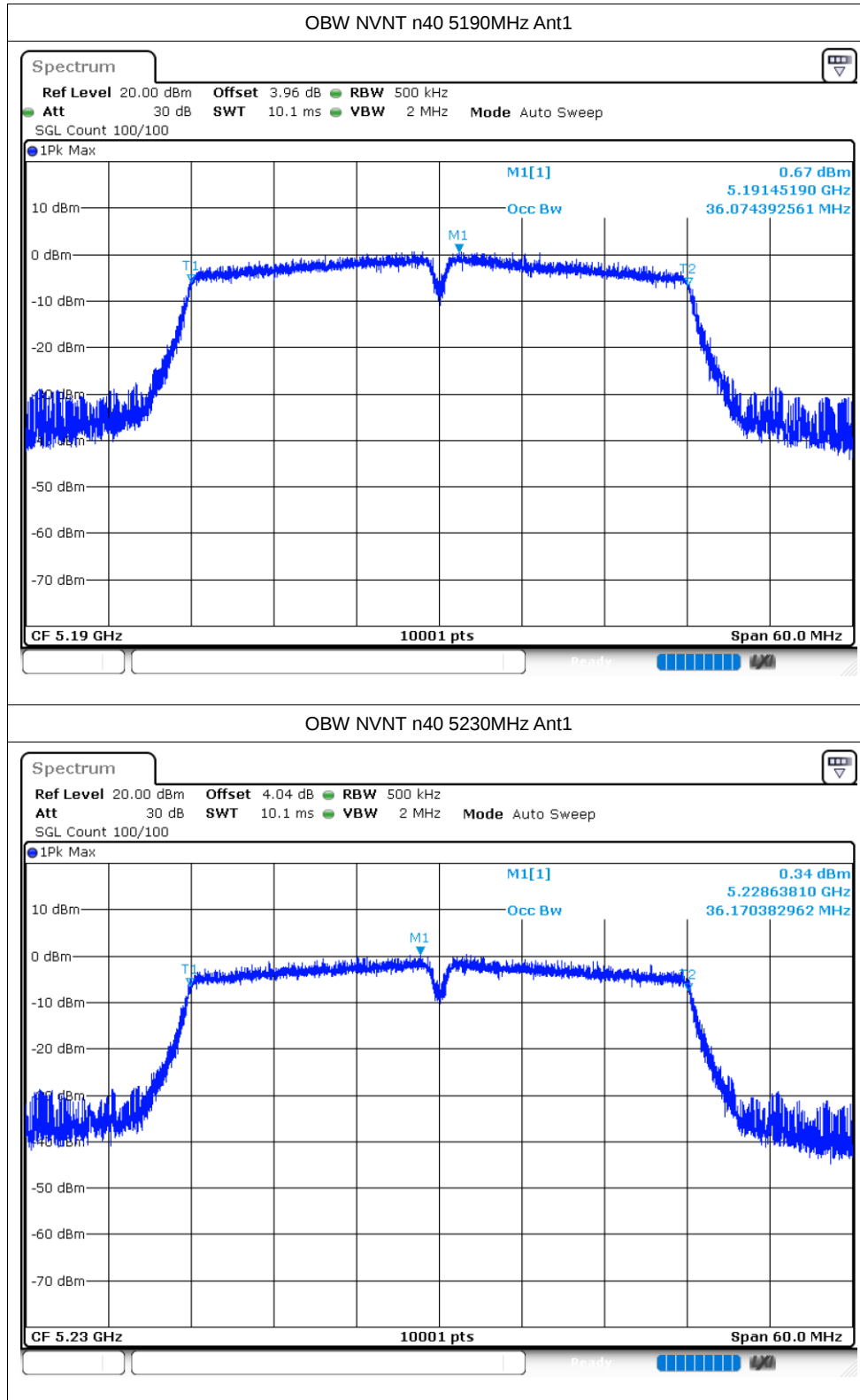


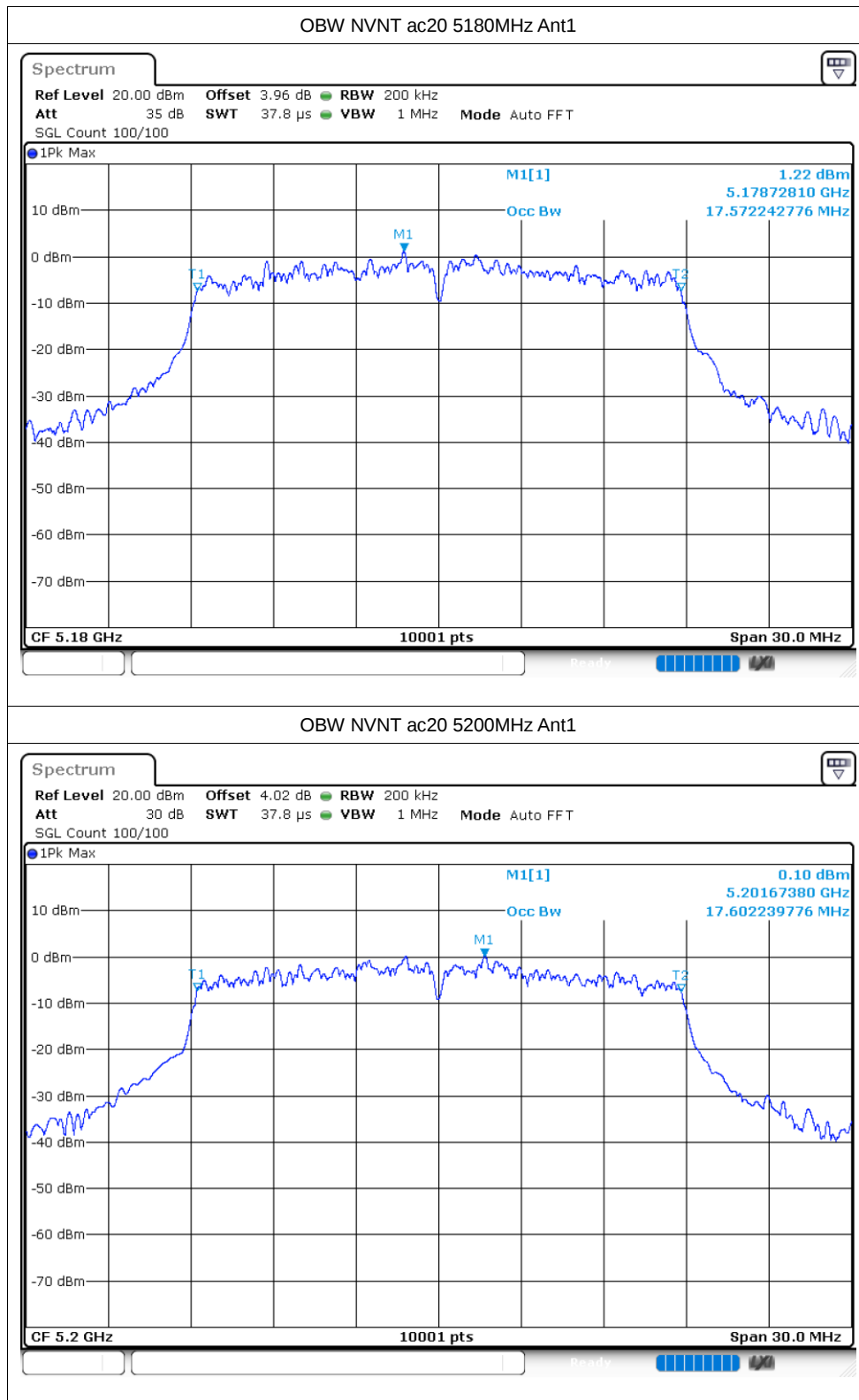
OBW NVNT a 5200MHz Ant1

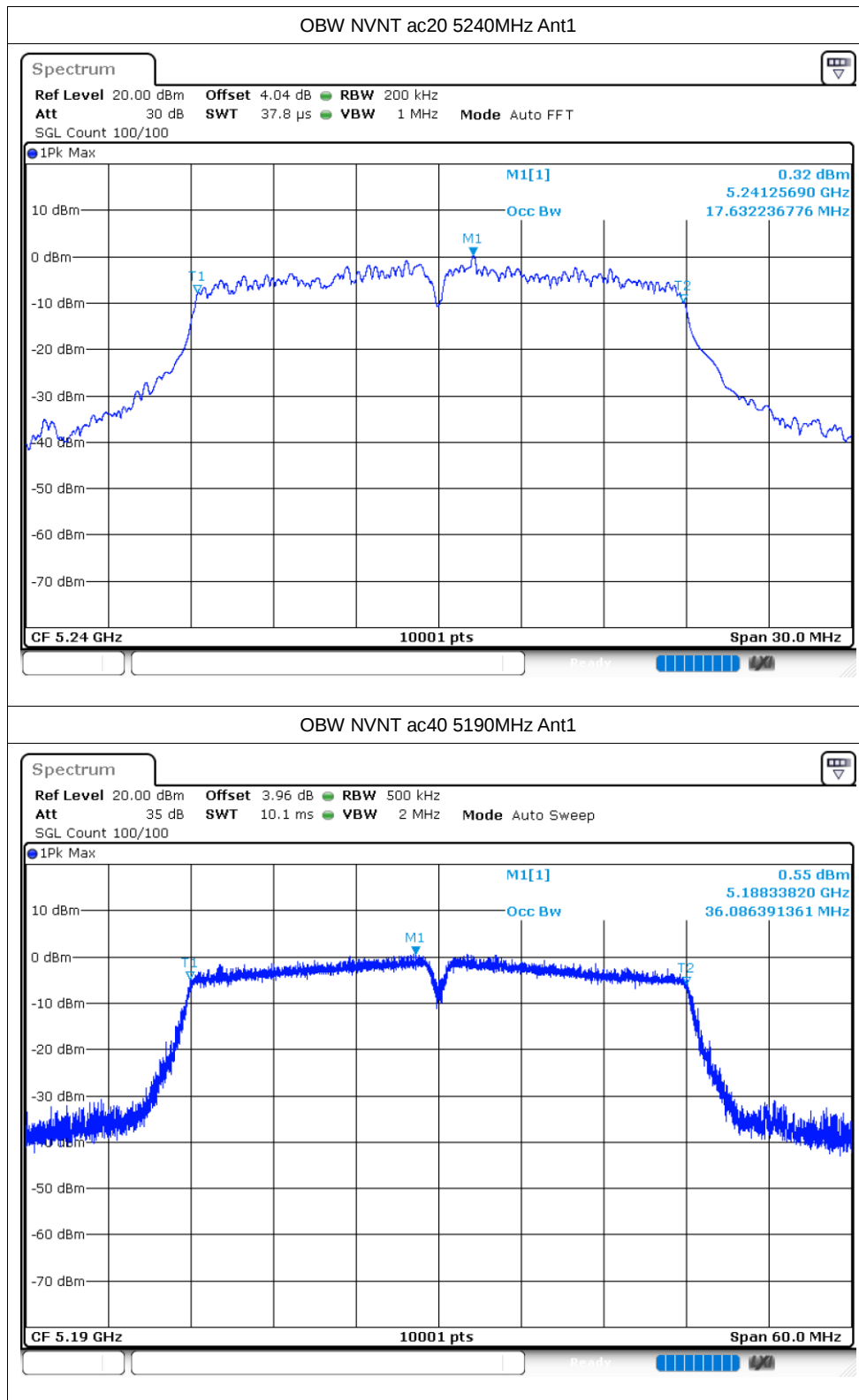


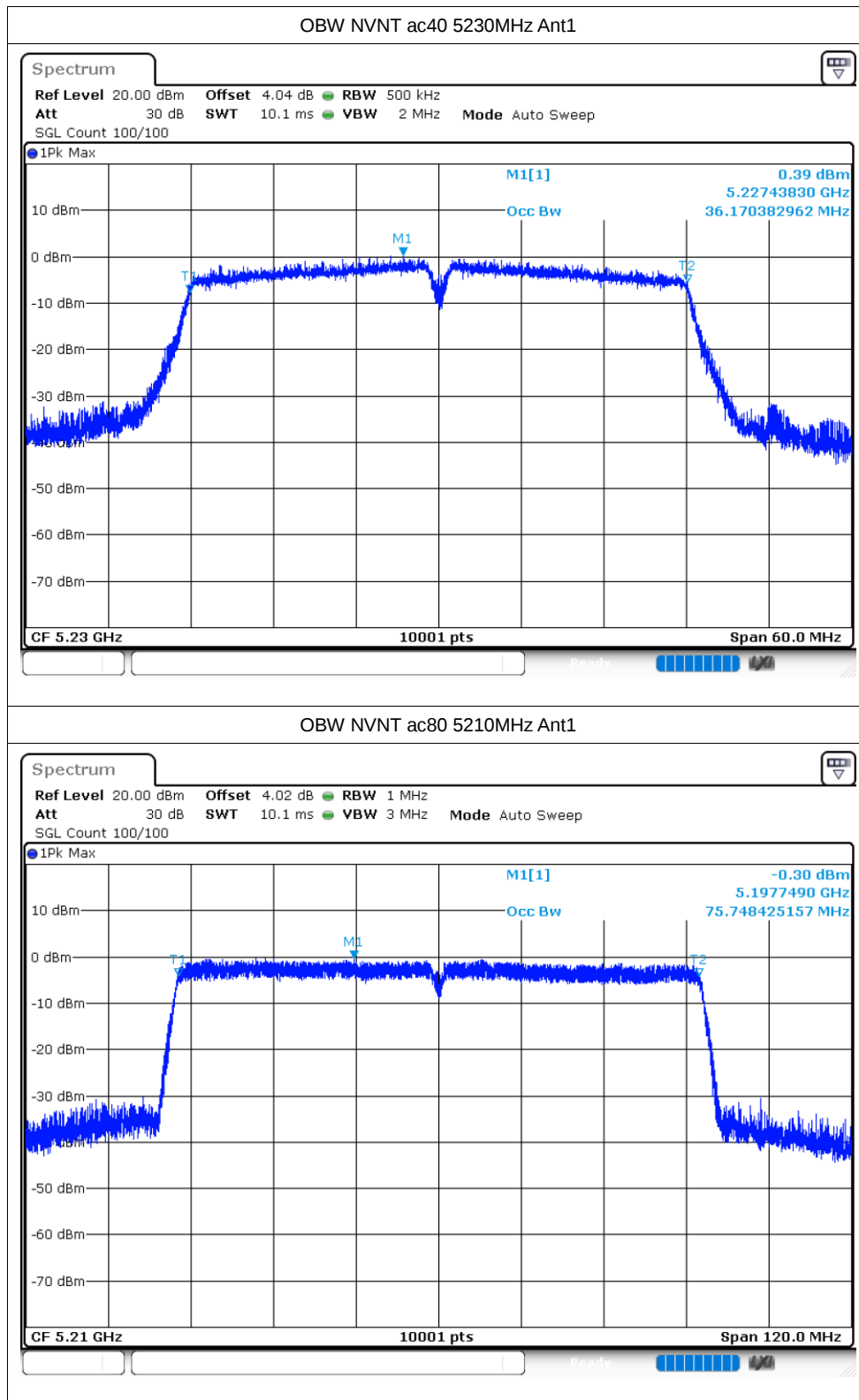


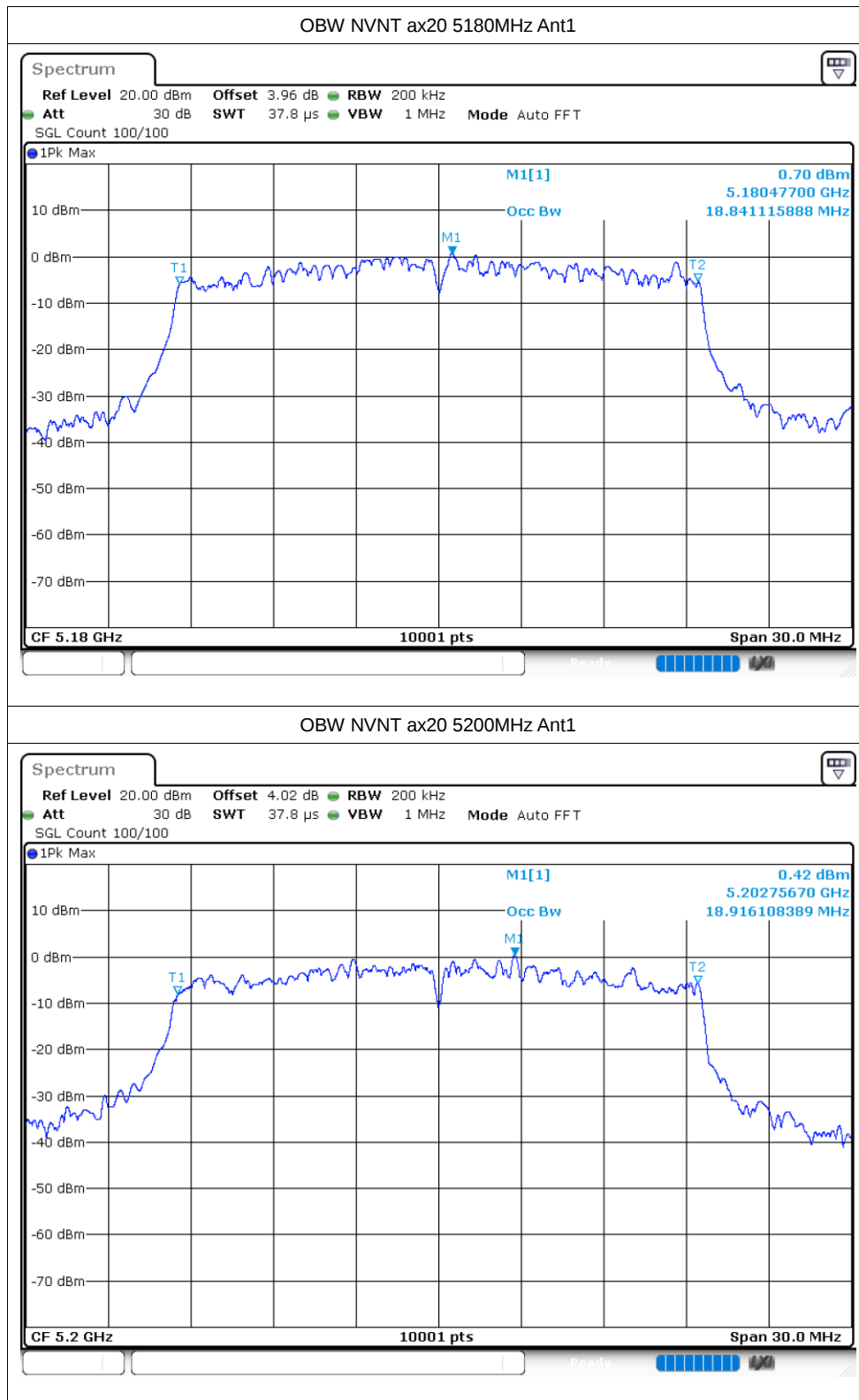


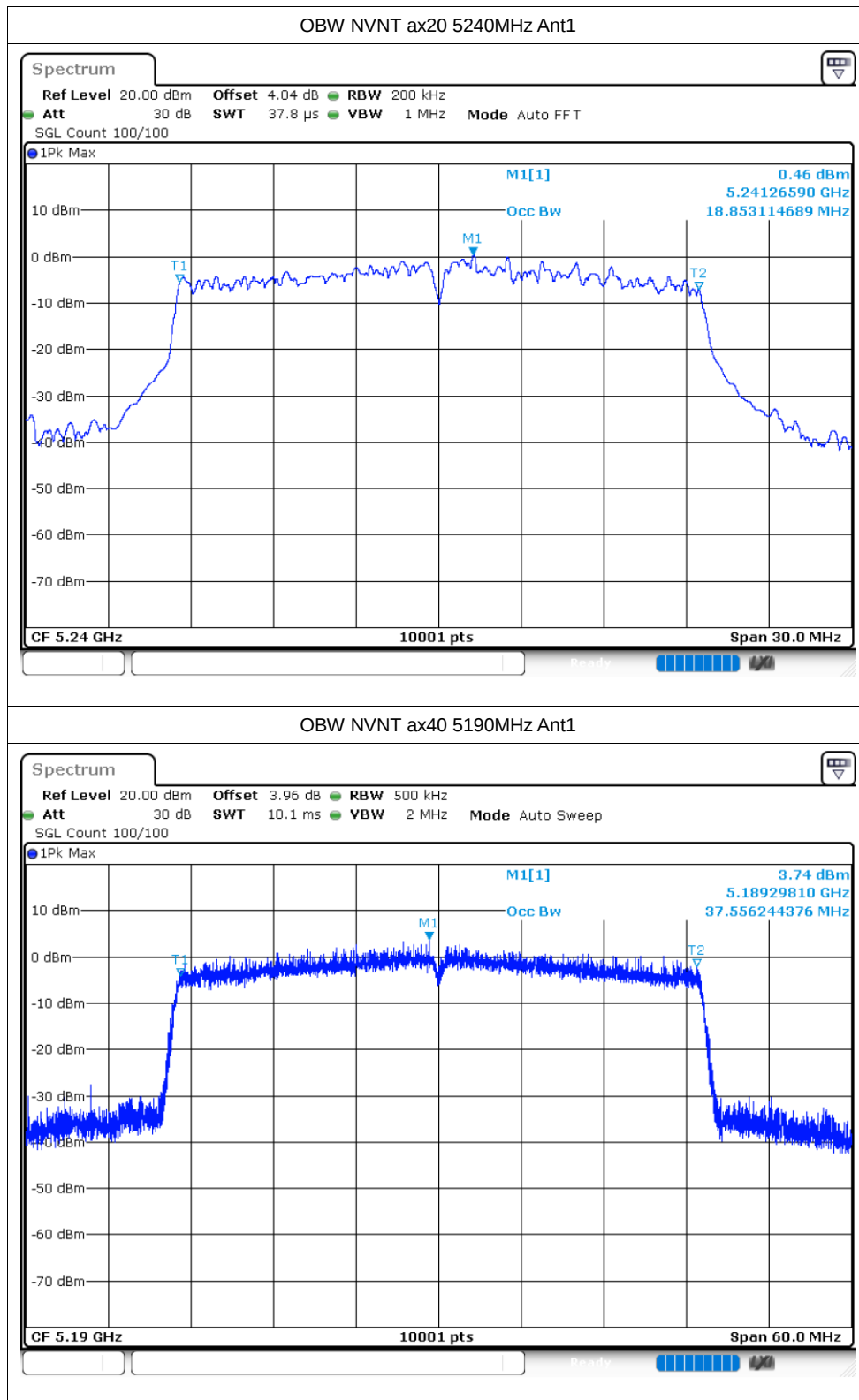


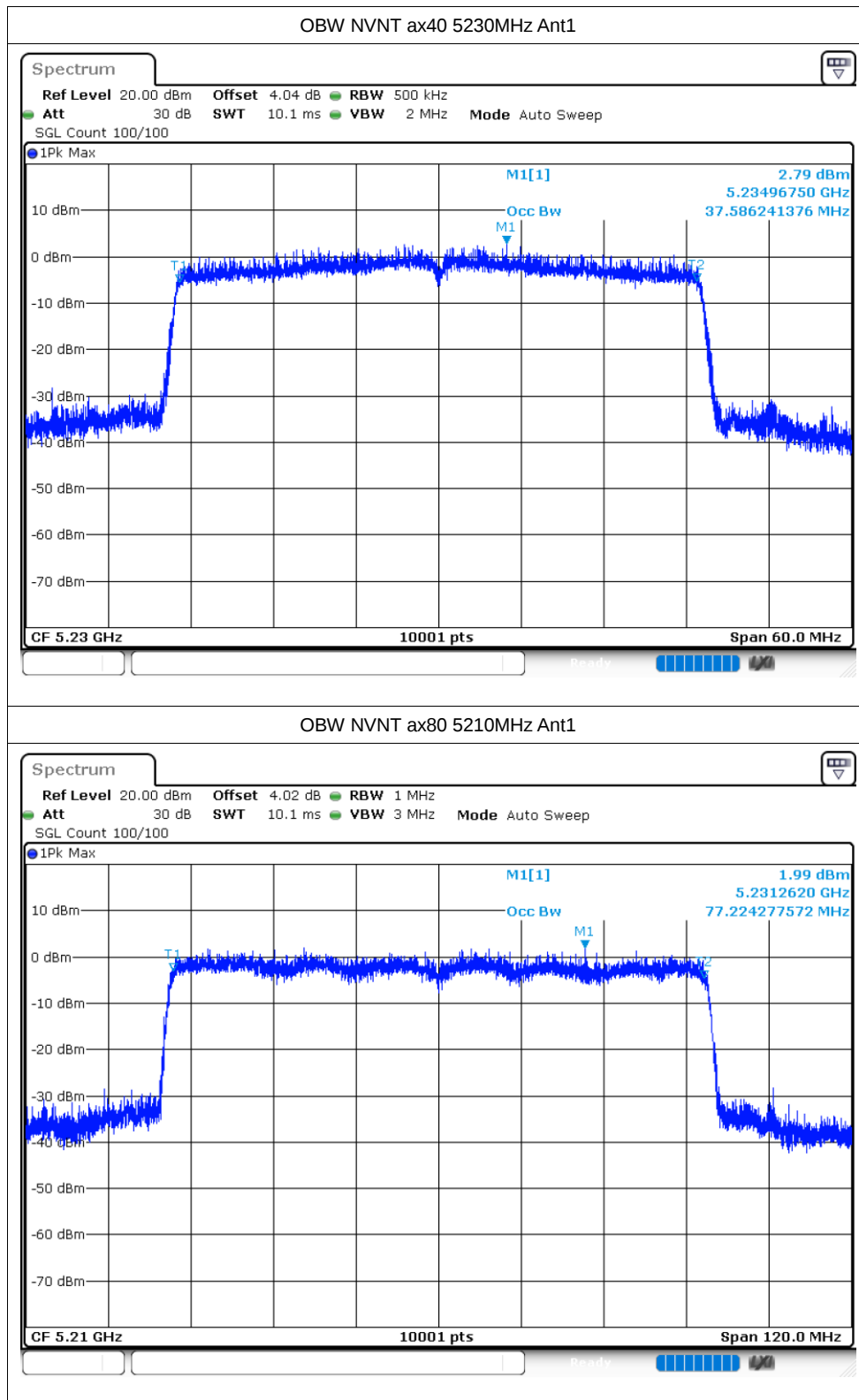










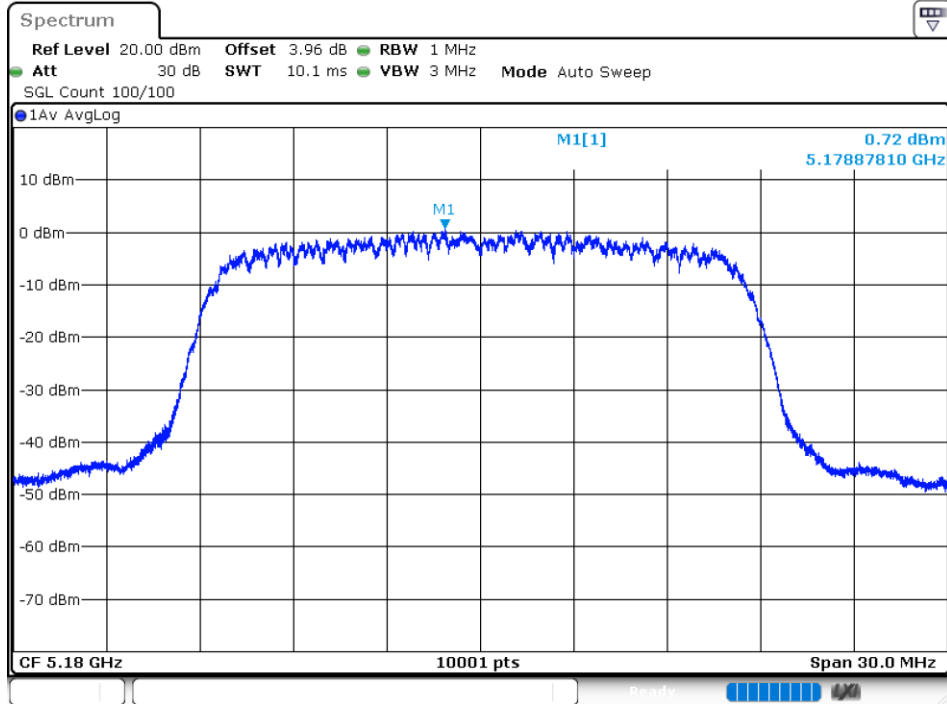


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.72	0.08	0.8	11	Pass
NVNT	a	5200	Ant1	0.27	0.08	0.35	11	Pass
NVNT	a	5240	Ant1	-0.18	0.08	-0.1	11	Pass
NVNT	n20	5180	Ant1	0.28	0.08	0.36	11	Pass
NVNT	n20	5200	Ant1	0.03	0.09	0.12	11	Pass
NVNT	n20	5240	Ant1	0.06	0.08	0.14	11	Pass
NVNT	n40	5190	Ant1	-3.23	0.16	-3.07	11	Pass
NVNT	n40	5230	Ant1	-3.59	0.16	-3.43	11	Pass
NVNT	ac20	5180	Ant1	0.58	0.08	0.66	11	Pass
NVNT	ac20	5200	Ant1	0.18	0.09	0.27	11	Pass
NVNT	ac20	5240	Ant1	-0.21	0.09	-0.12	11	Pass
NVNT	ac40	5190	Ant1	-3.49	0.16	-3.33	11	Pass
NVNT	ac40	5230	Ant1	-4	0.16	-3.84	11	Pass
NVNT	ac80	5210	Ant1	-8.15	0.31	-7.84	11	Pass
NVNT	ax20	5180	Ant1	0.89	0.09	0.98	11	Pass
NVNT	ax20	5200	Ant1	0.57	0.09	0.66	11	Pass
NVNT	ax20	5240	Ant1	-0.42	0.08	-0.34	11	Pass
NVNT	ax40	5190	Ant1	-3.14	0.16	-2.98	11	Pass
NVNT	ax40	5230	Ant1	-3.44	0.16	-3.28	11	Pass
NVNT	ax80	5210	Ant1	-8.42	0.31	-8.11	11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

