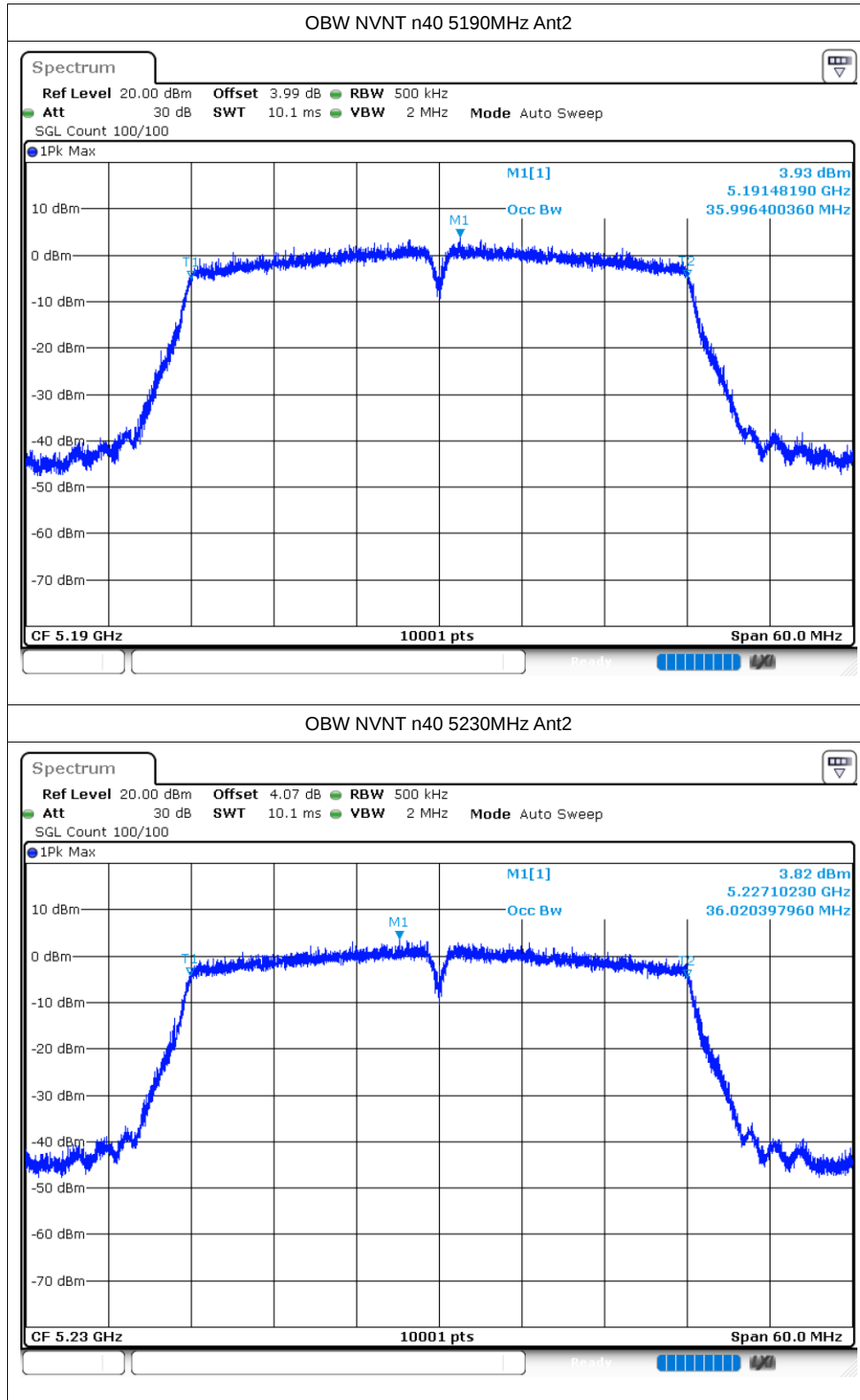
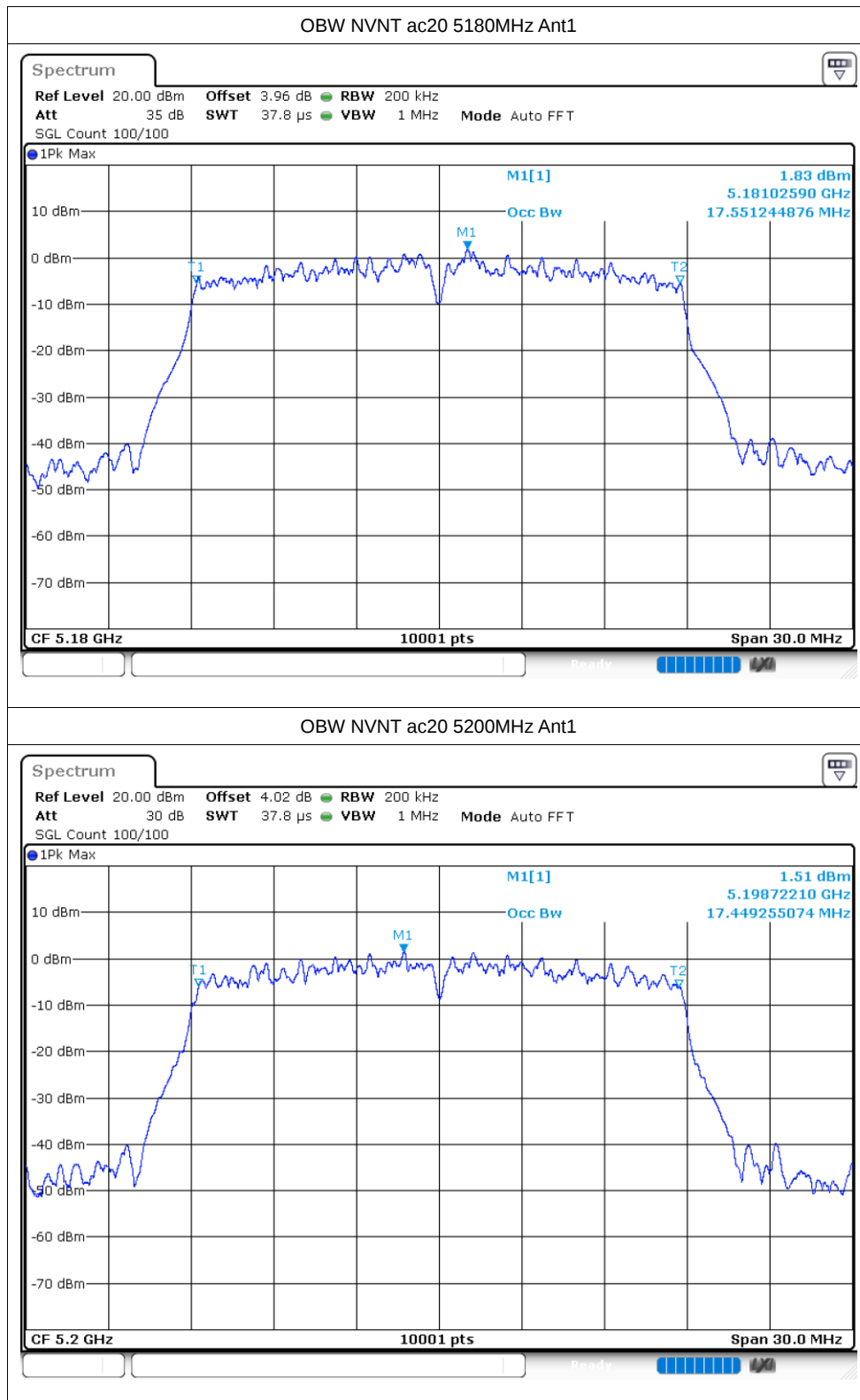
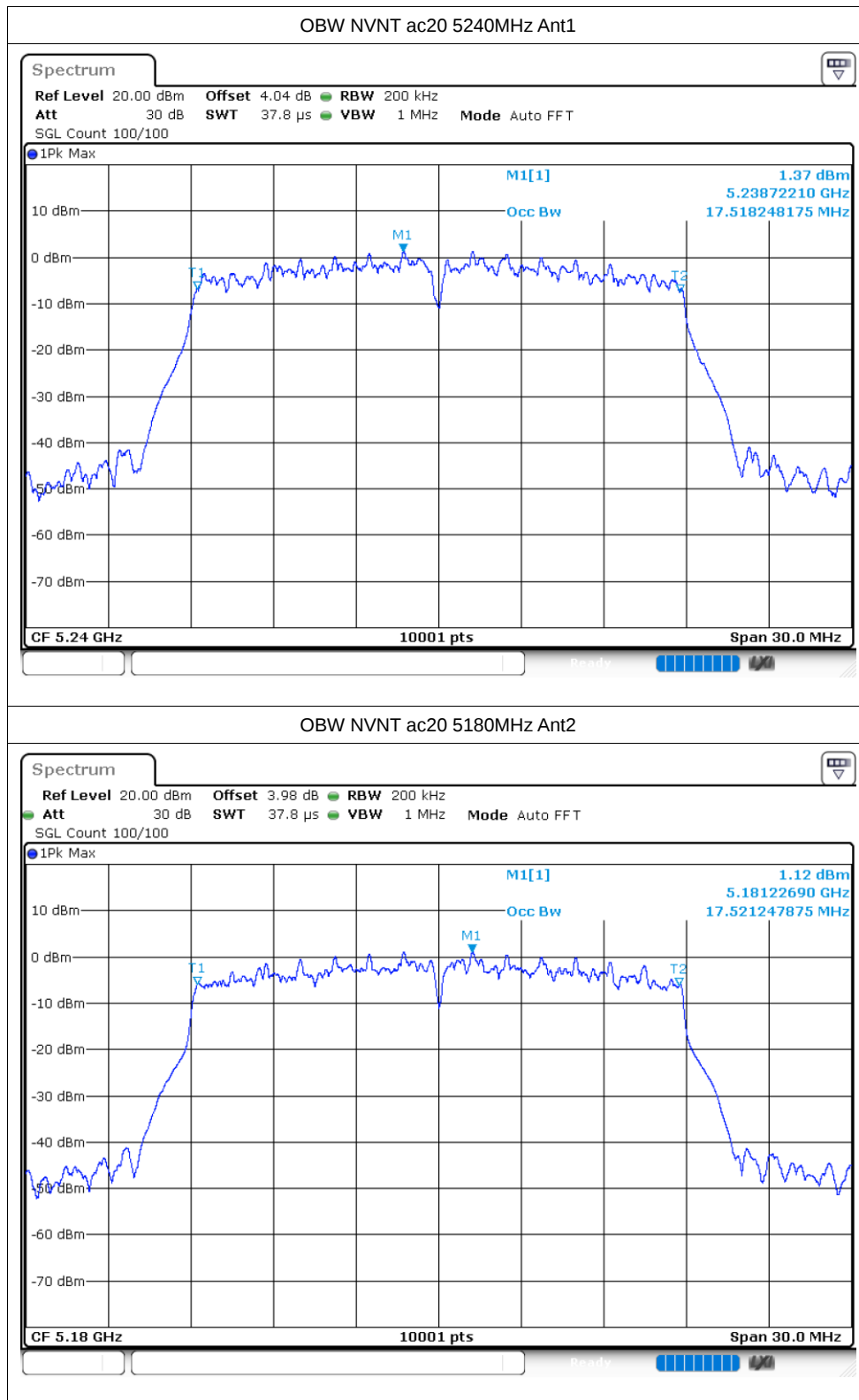
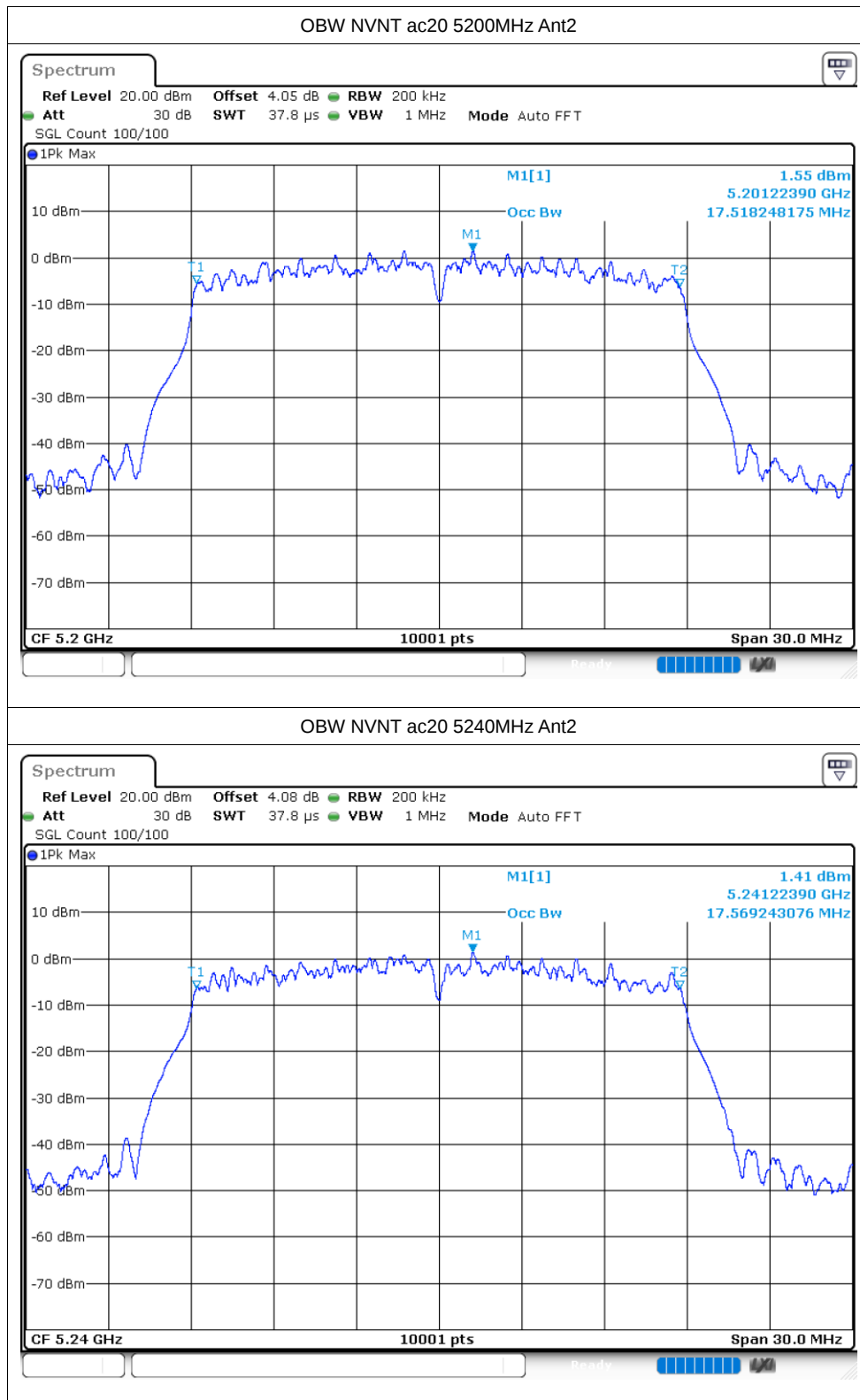
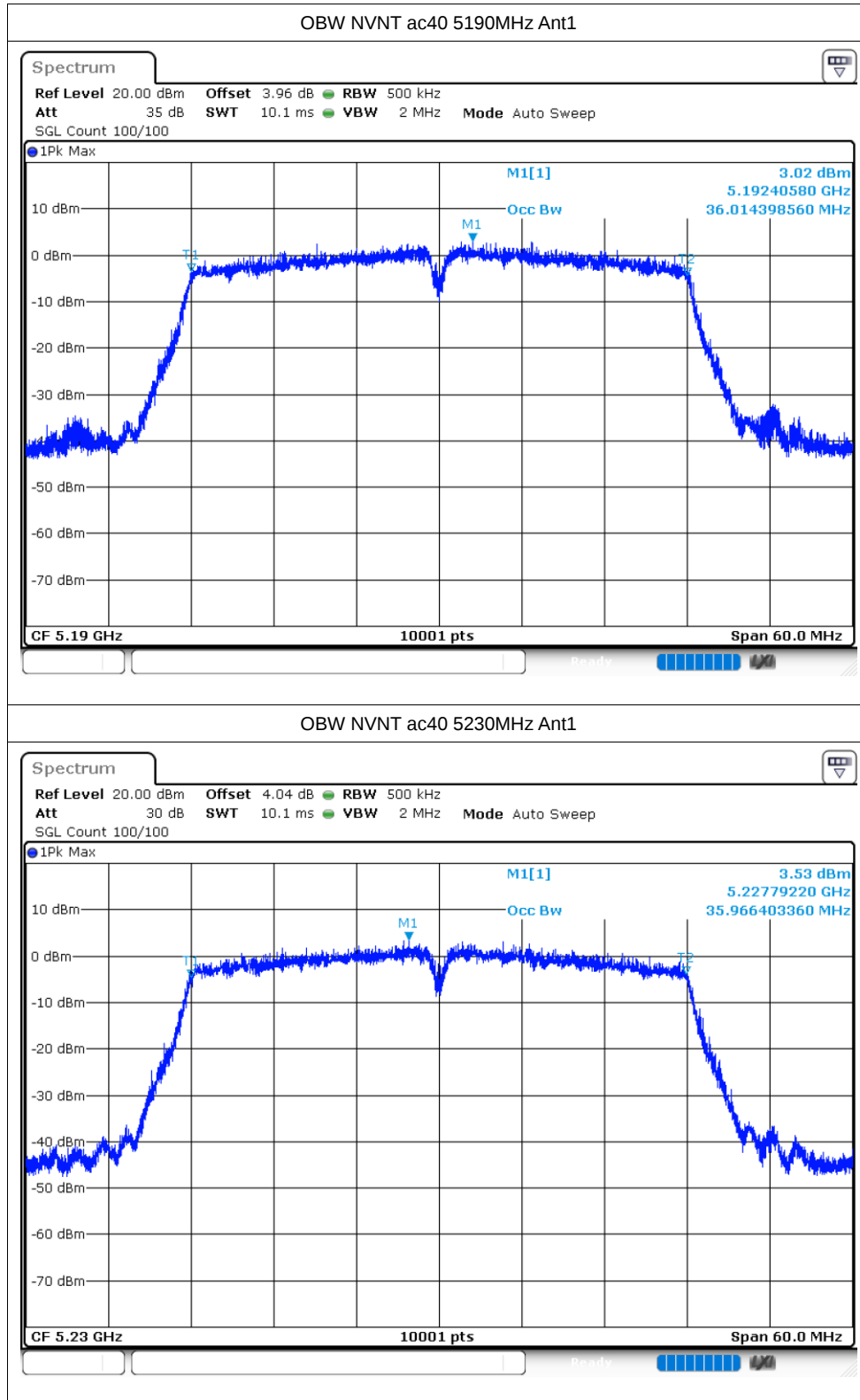


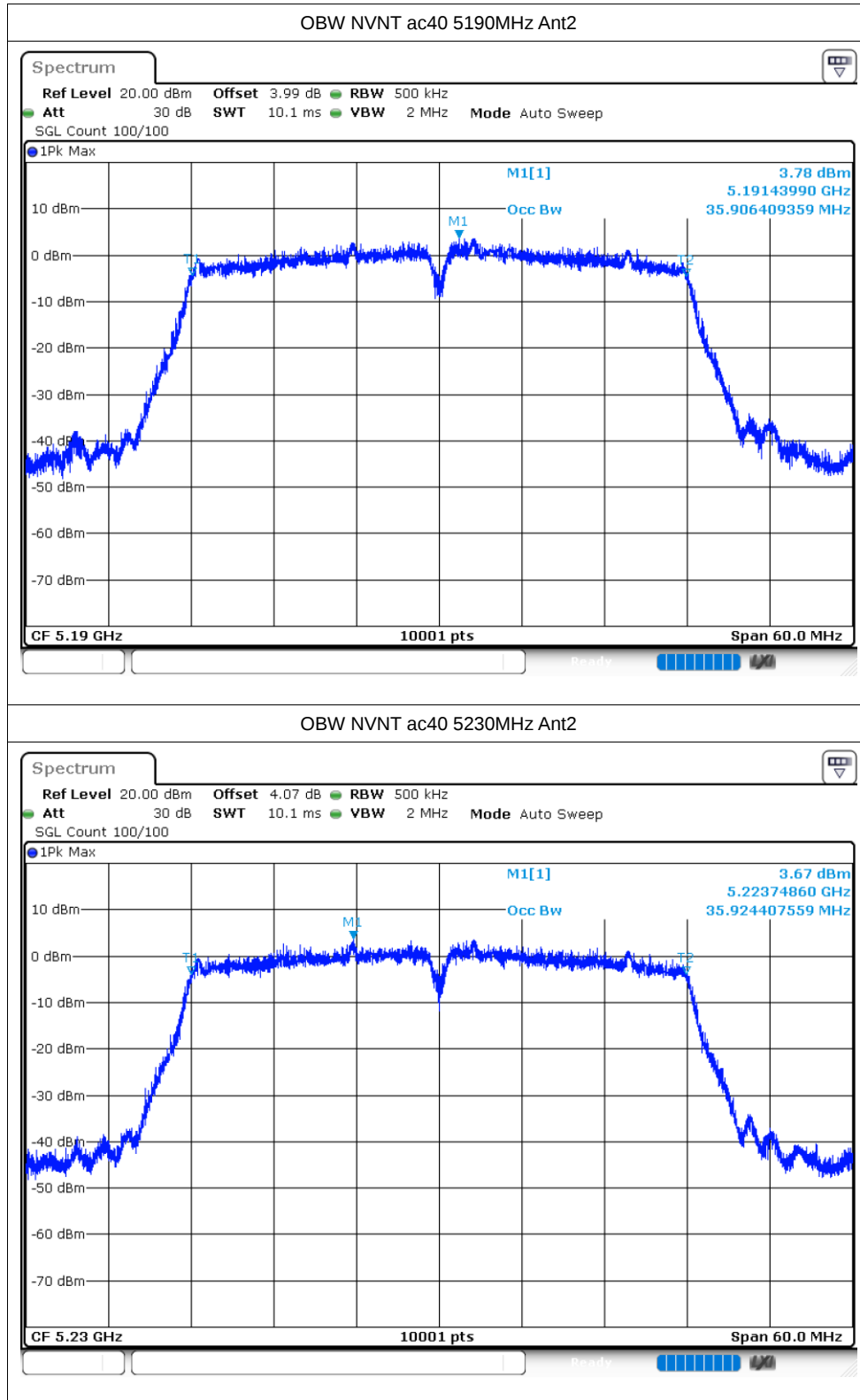


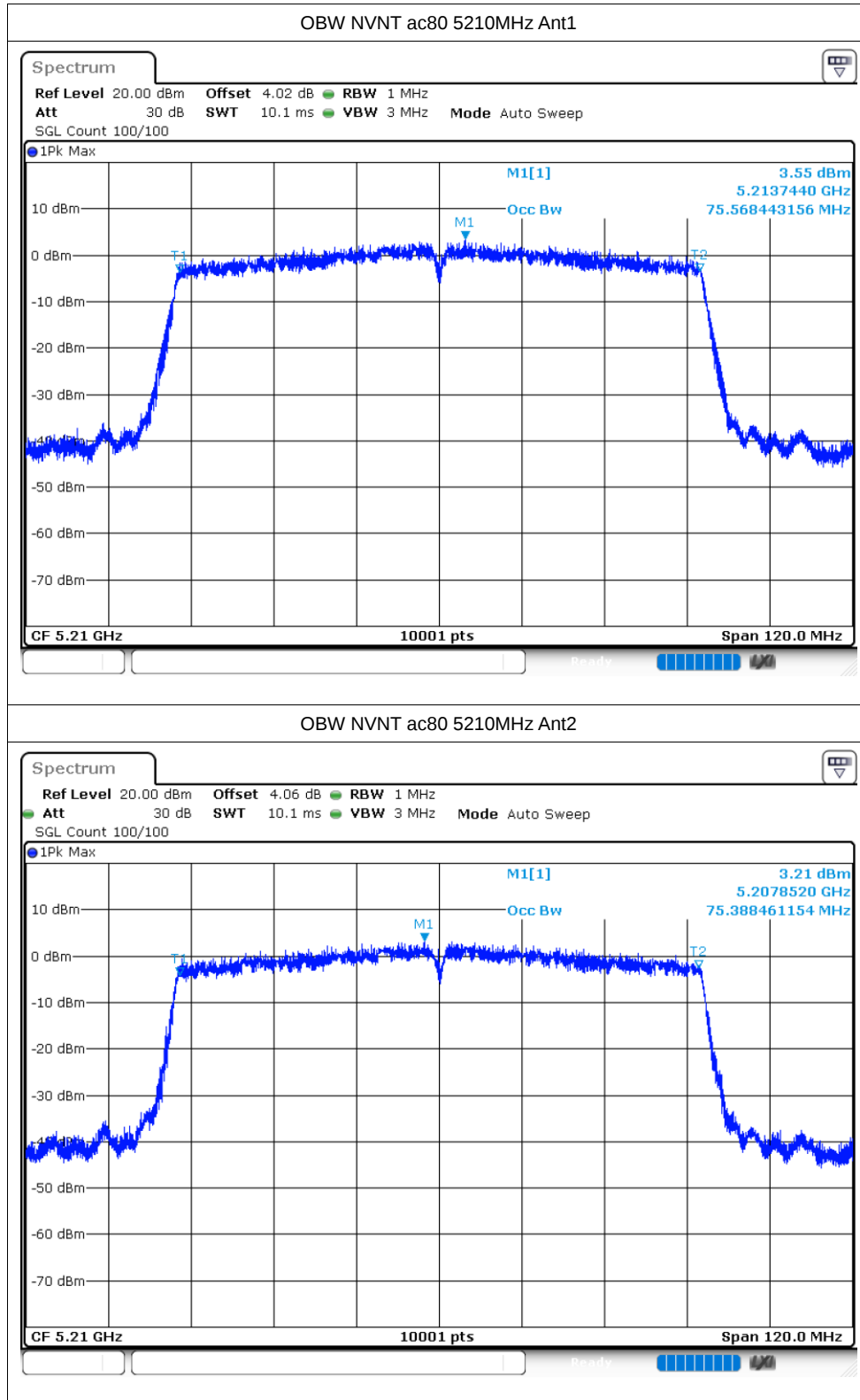










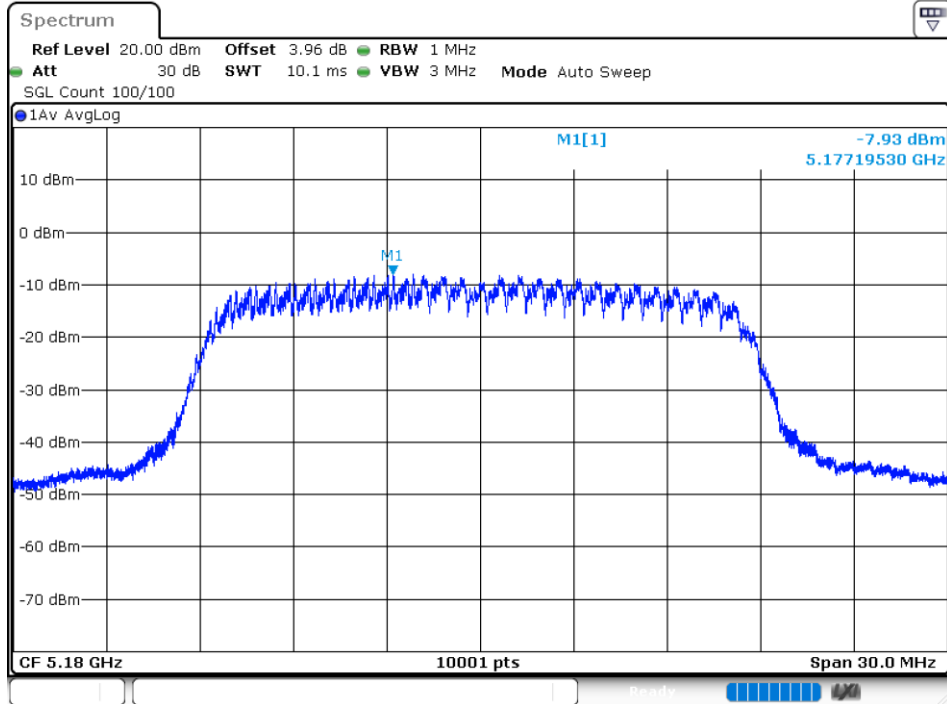


Maximum Power Spectral Density Level

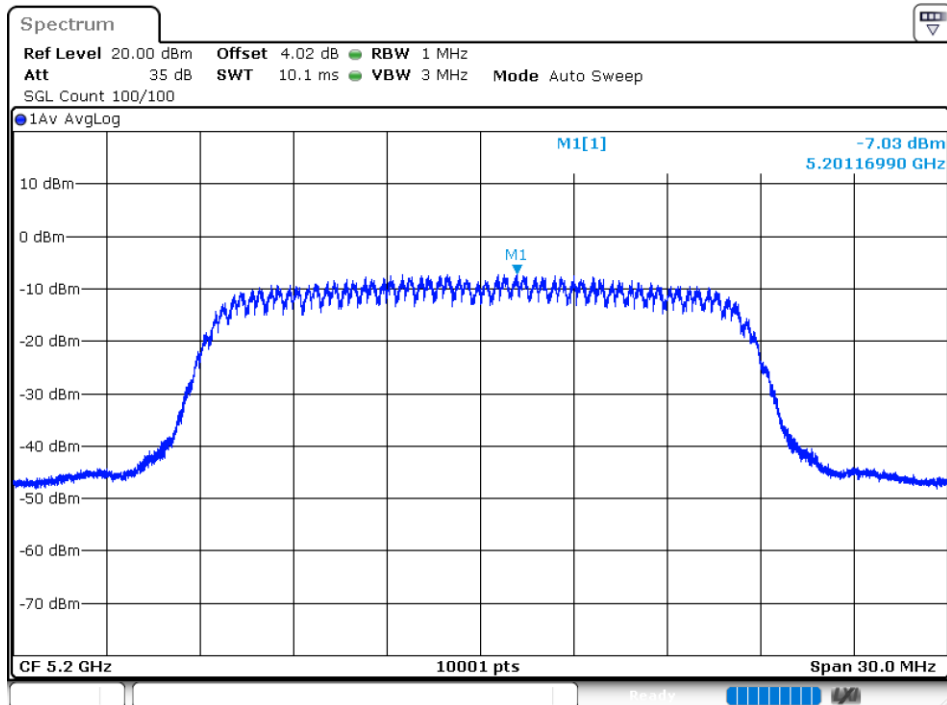
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-7.93	0.75	-7.18	11	Pass
NVNT	a	5200	Ant1	-7.03	0.75	-6.28	11	Pass
NVNT	a	5240	Ant1	-5.96	0.75	-5.21	11	Pass
NVNT	a	5180	Ant2	-5.87	0.74	-5.13	11	Pass
NVNT	a	5200	Ant2	-5.3	0.74	-4.56	11	Pass
NVNT	a	5240	Ant2	-5.44	0.74	-4.7	11	Pass
NVNT	n20	5180	Ant1	-7.13	0.79	-6.34	11	Pass
NVNT	n20	5200	Ant1	-6.32	0.79	-5.53	11	Pass
NVNT	n20	5240	Ant1	-7.43	0.79	-6.64	11	Pass
NVNT	n20	5180	Ant2	-7.3	0.79	-6.51	11	Pass
NVNT	n20	5200	Ant2	-6.74	0.79	-5.95	11	Pass
NVNT	n20	5240	Ant2	-7.4	0.79	-6.61	11	Pass
NVNT	n40	5190	Ant1	-15.2	1.17	-14.03	11	Pass
NVNT	n40	5230	Ant1	-14.3	1.17	-13.13	11	Pass
NVNT	n40	5190	Ant2	-13.57	1.17	-12.4	11	Pass
NVNT	n40	5230	Ant2	-13.74	1.17	-12.57	11	Pass
NVNT	ac20	5180	Ant1	-8.43	1.13	-7.3	11	Pass
NVNT	ac20	5200	Ant1	-11.12	1.13	-9.99	11	Pass
NVNT	ac20	5240	Ant1	-12.02	1.13	-10.89	11	Pass
NVNT	ac20	5180	Ant2	-10.08	1.12	-8.96	11	Pass
NVNT	ac20	5200	Ant2	-13.74	1.12	-12.62	11	Pass
NVNT	ac20	5240	Ant2	-11.32	1.12	-10.2	11	Pass
NVNT	ac40	5190	Ant1	-16.11	1.25	-14.86	11	Pass
NVNT	ac40	5230	Ant1	-17.47	1.76	-15.71	11	Pass
NVNT	ac40	5190	Ant2	-18.72	1.76	-16.96	11	Pass
NVNT	ac40	5230	Ant2	-16.57	1.54	-15.03	11	Pass
NVNT	ac80	5210	Ant1	-20.54	1.7	-18.84	11	Pass
NVNT	ac80	5210	Ant2	-19.85	1.54	-18.31	11	Pass

Test Graphs

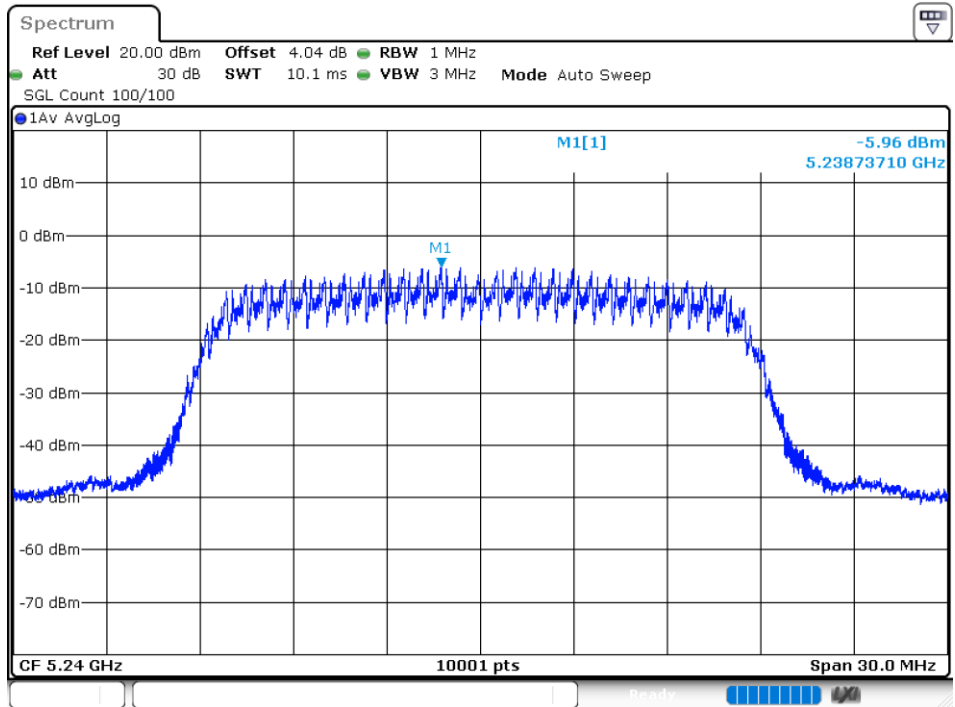
PSD NVNT a 5180MHz Ant1



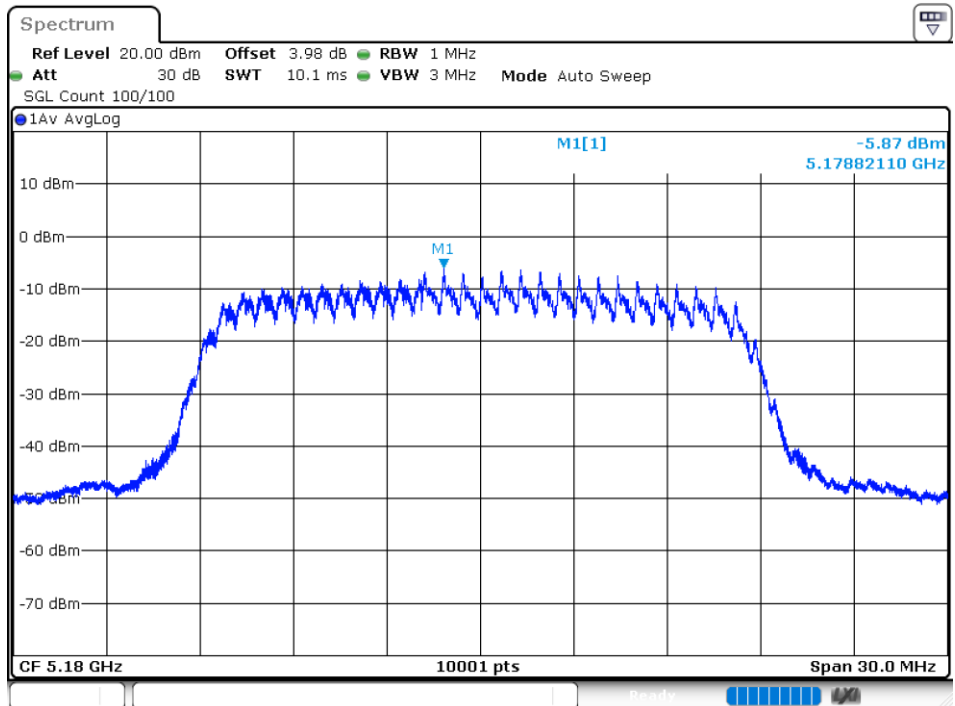
PSD NVNT a 5200MHz Ant1

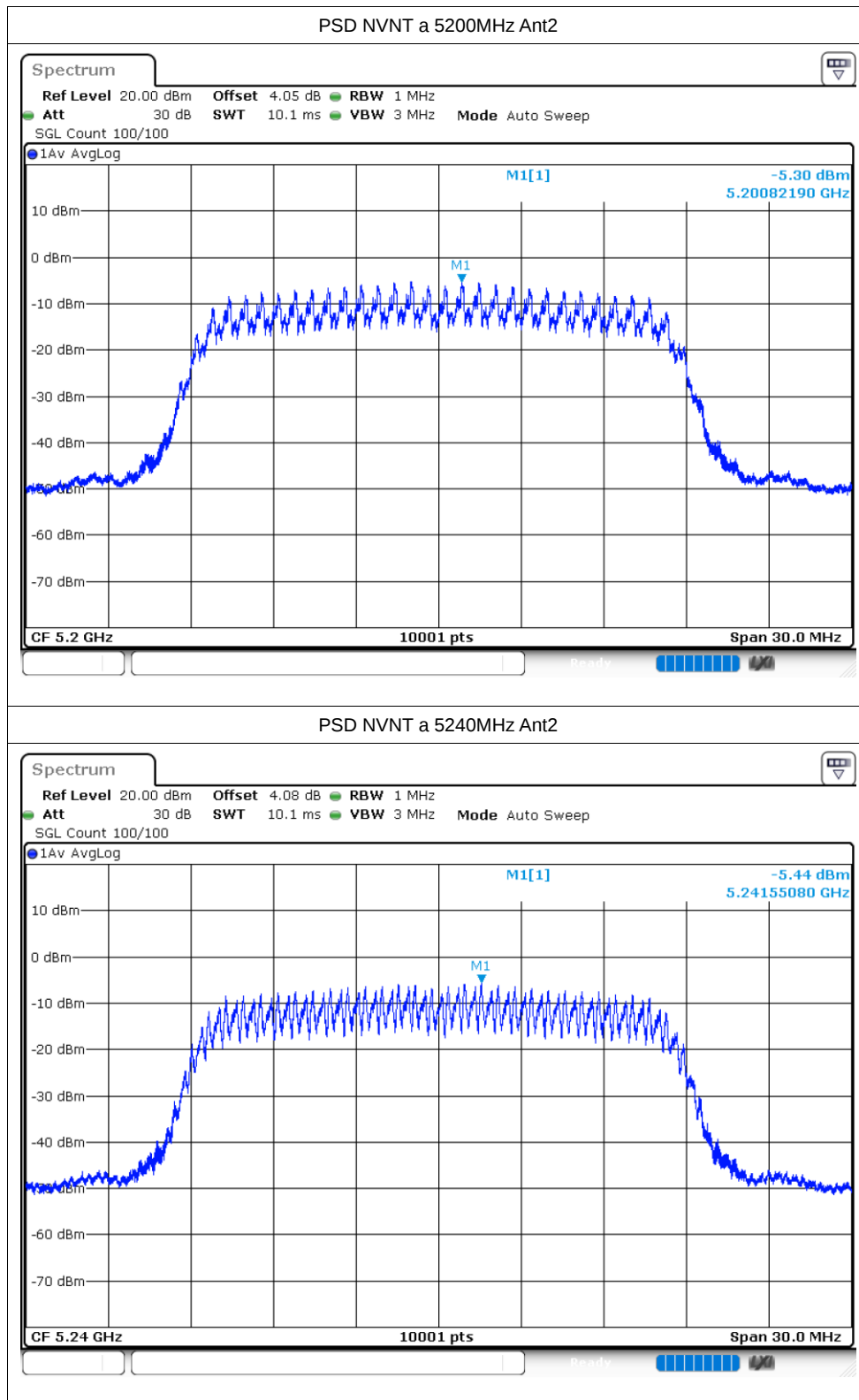


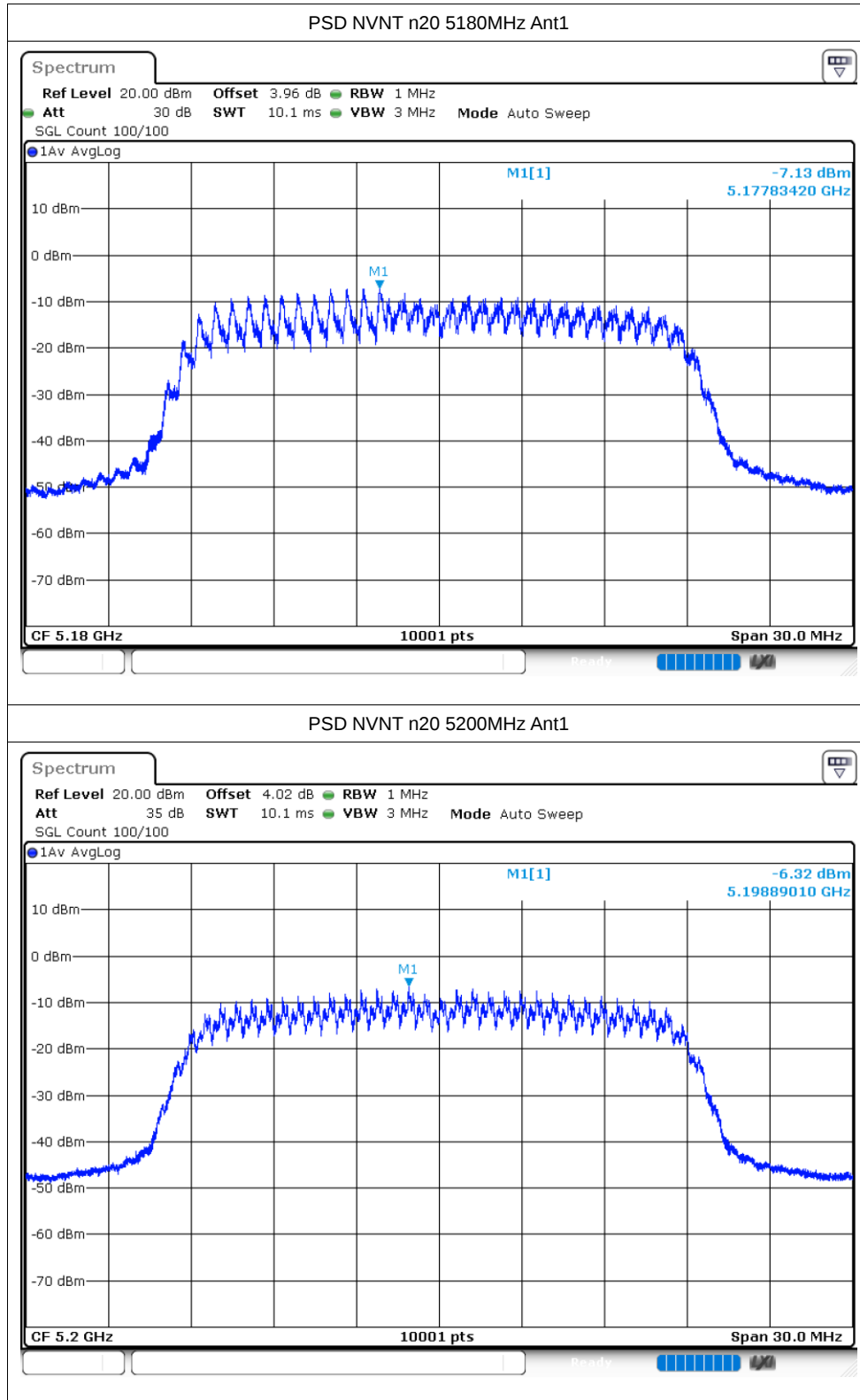
PSD NVNT a 5240MHz Ant1

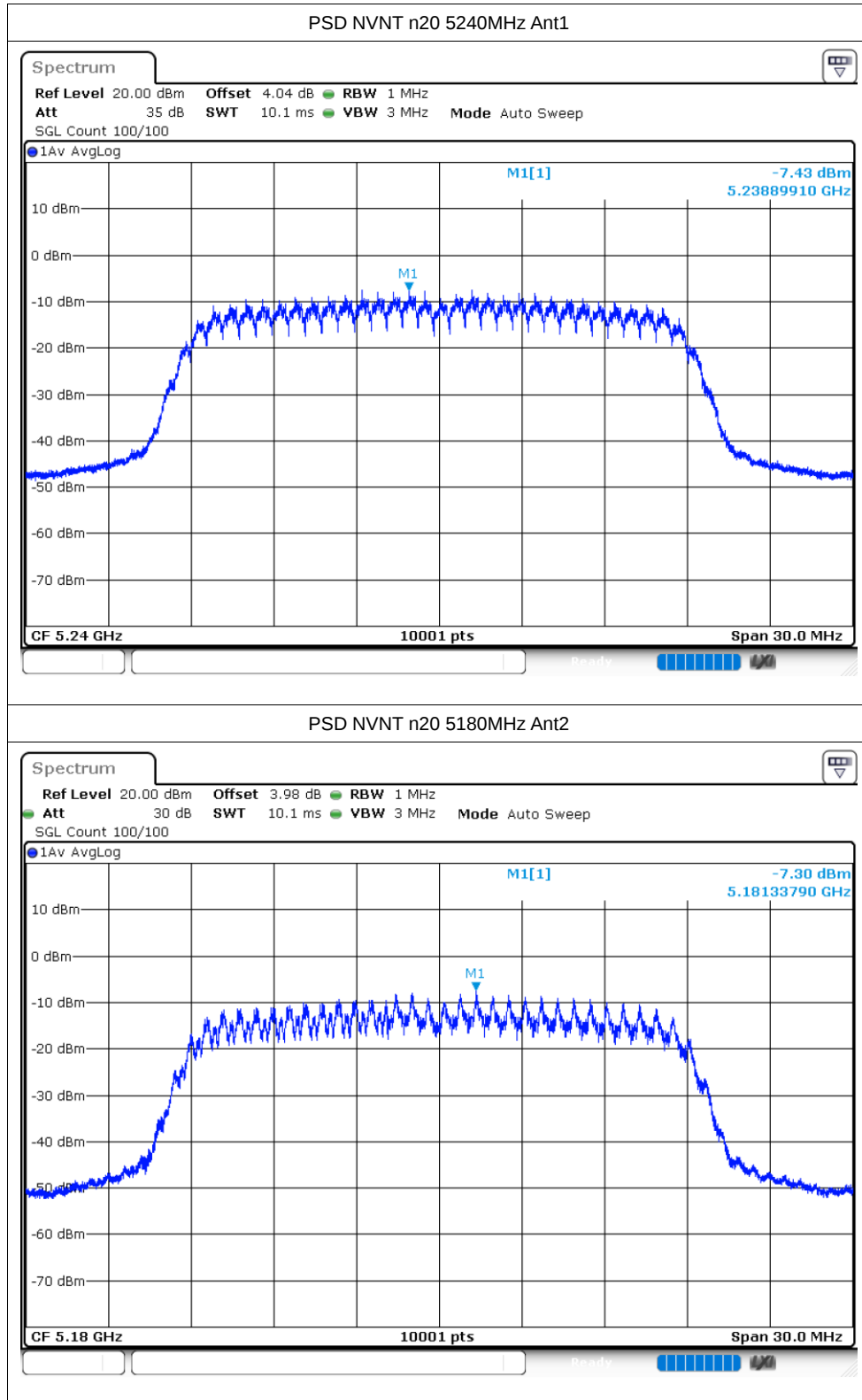


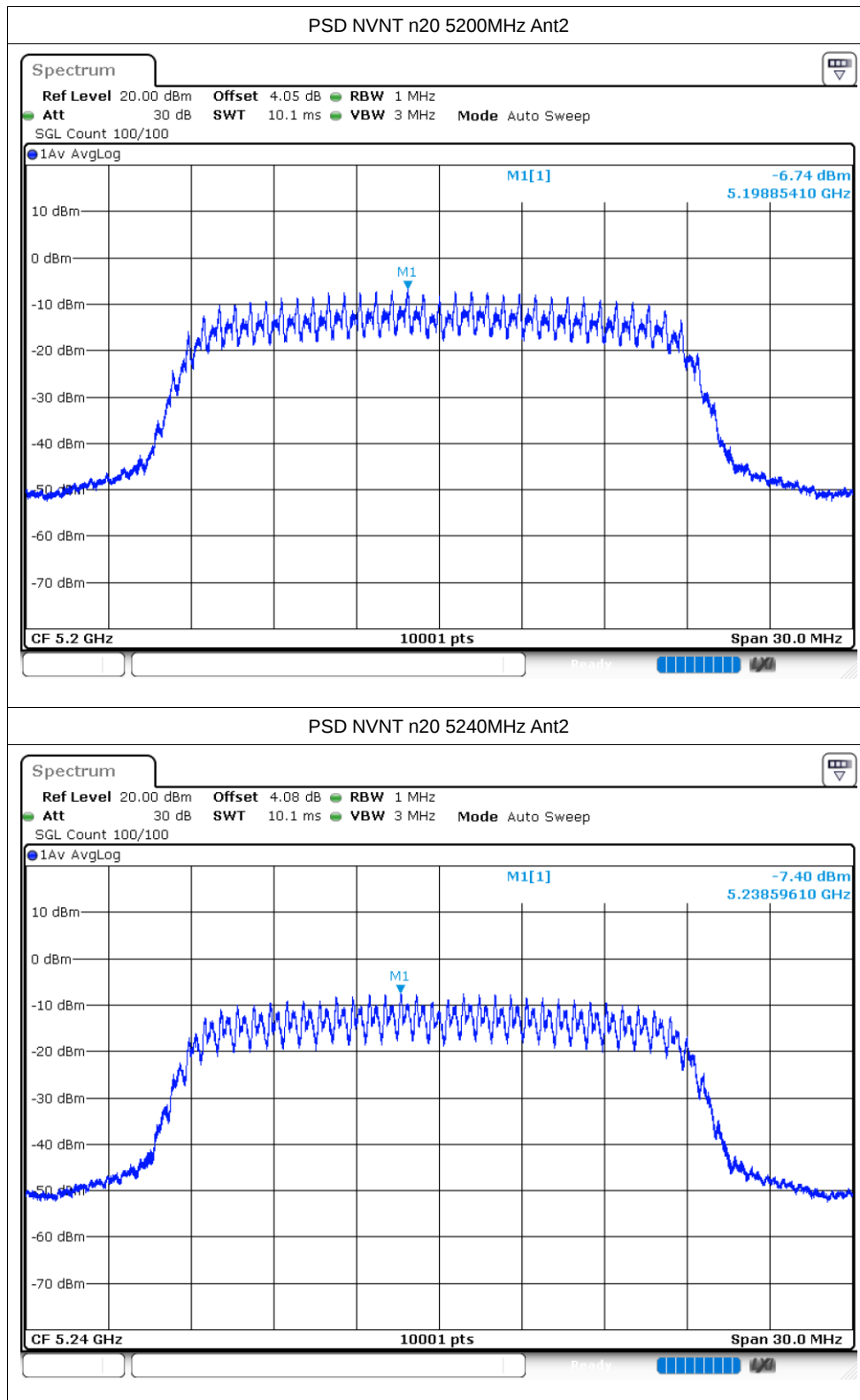
PSD NVNT a 5180MHz Ant2

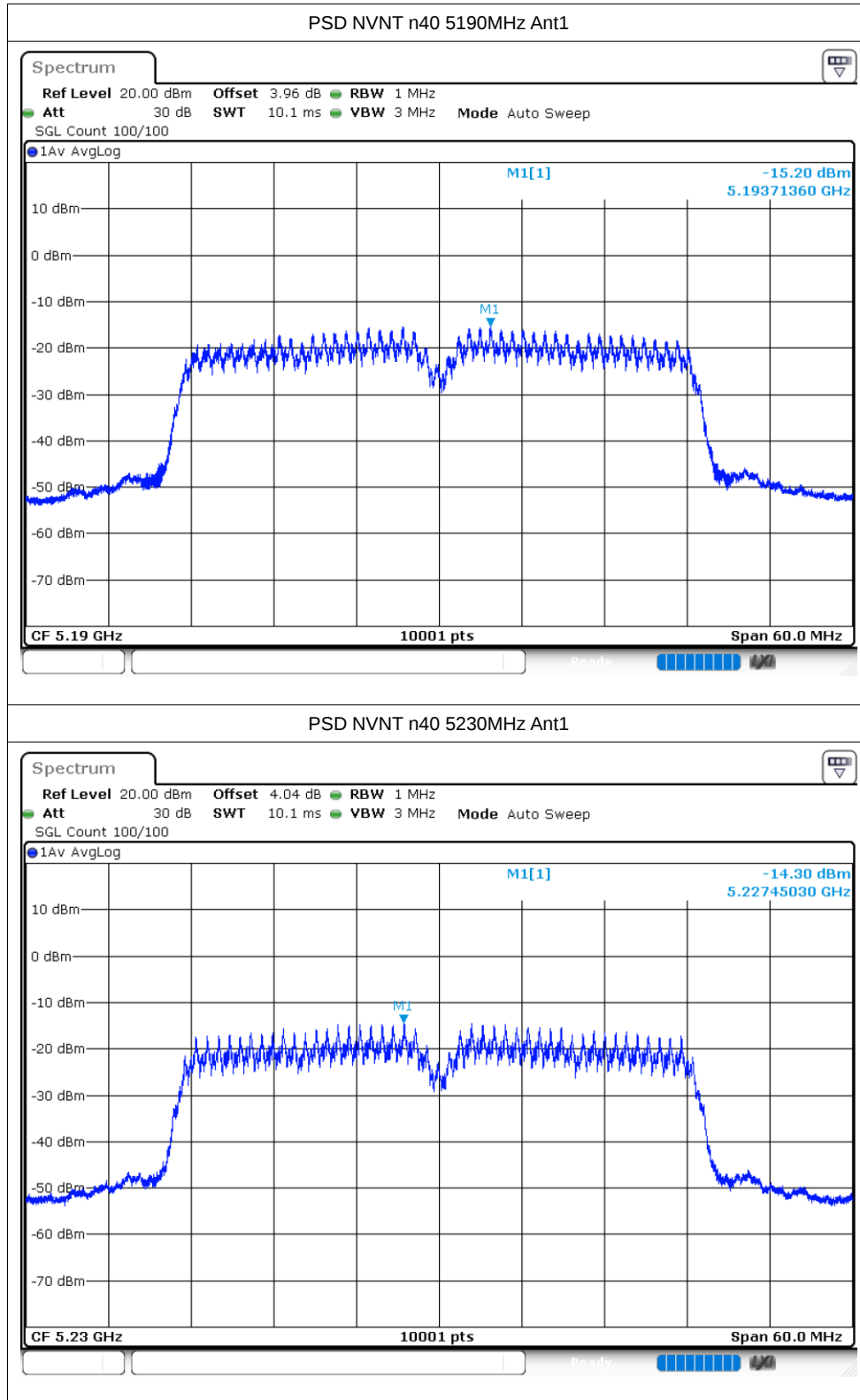


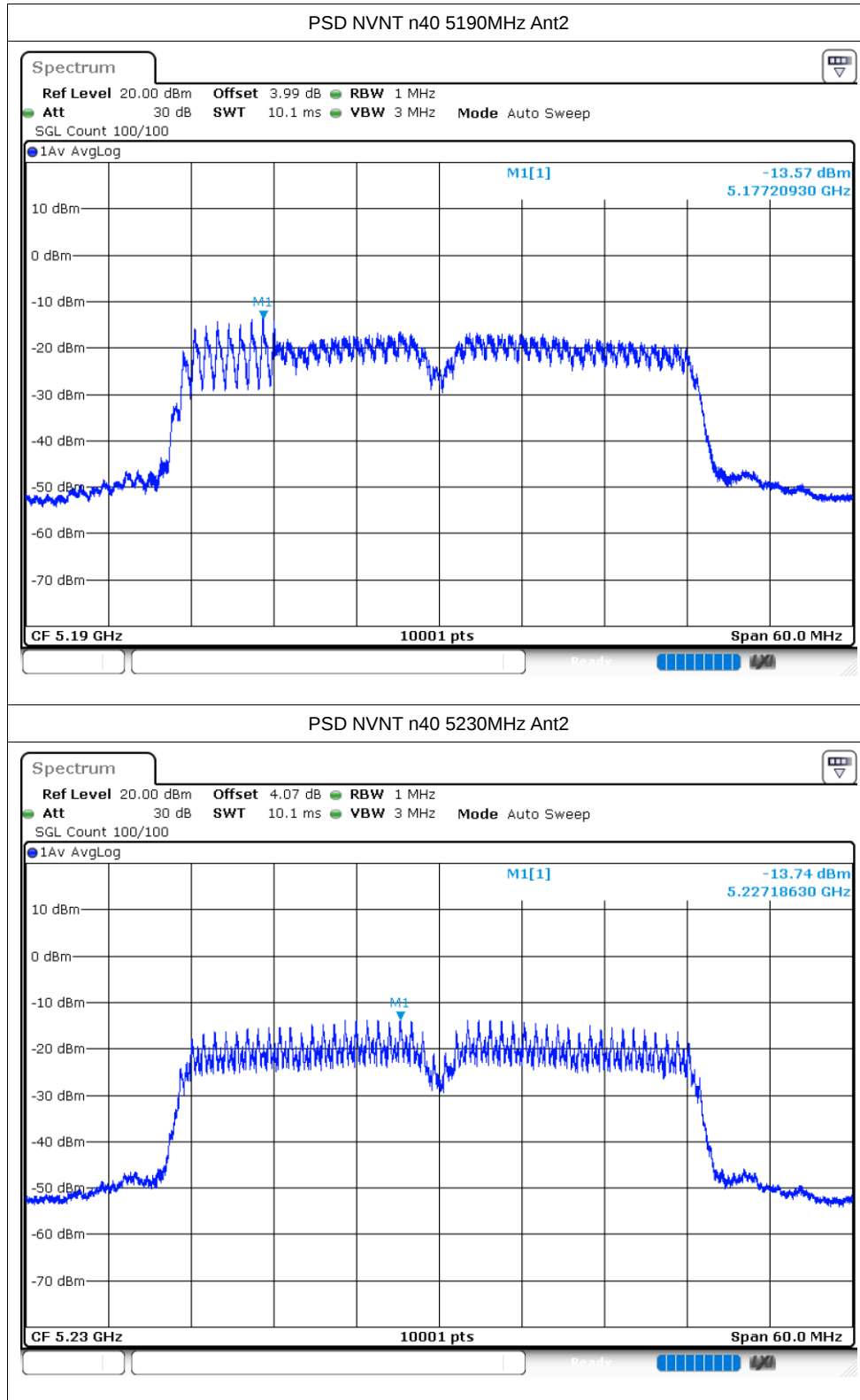


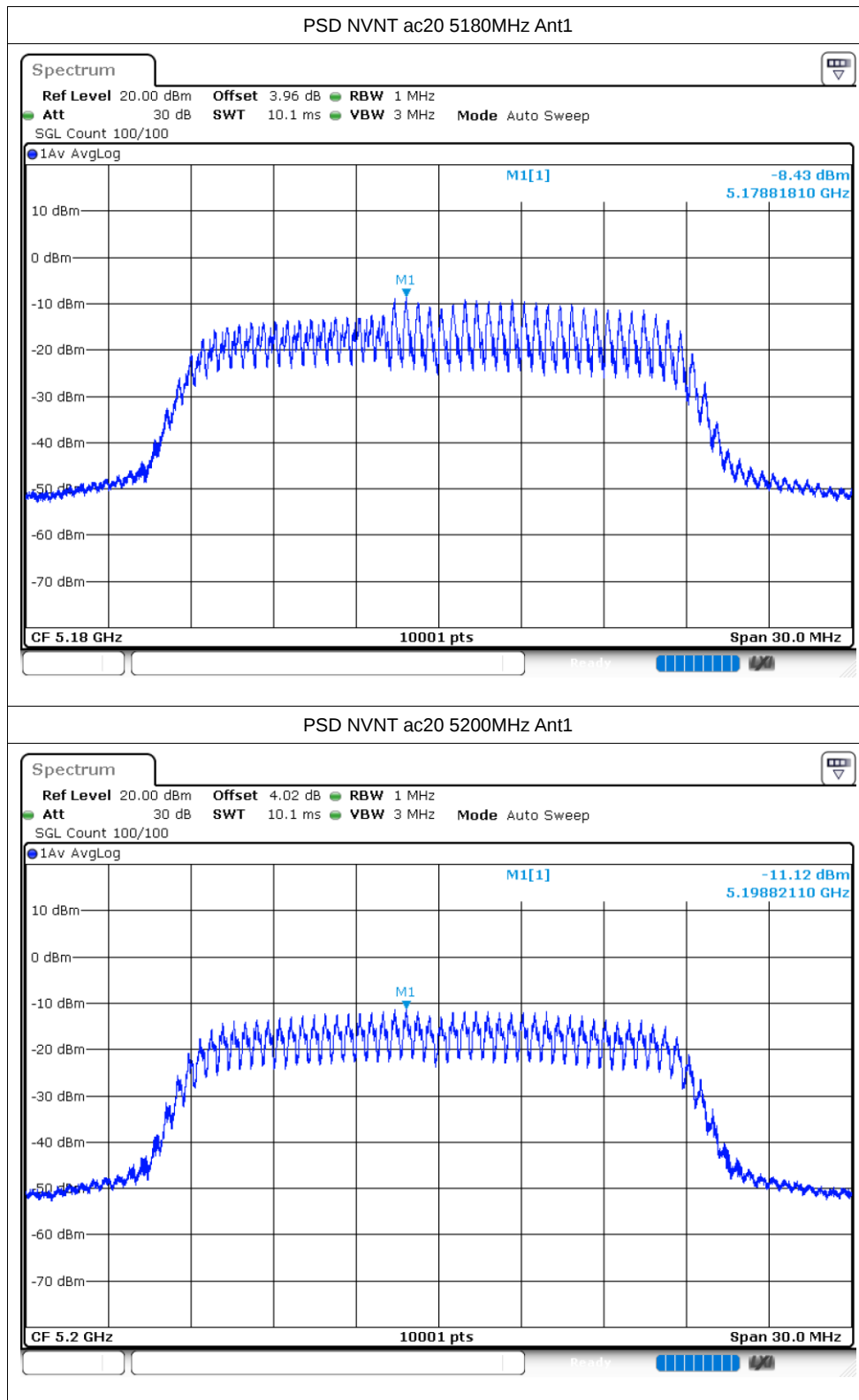


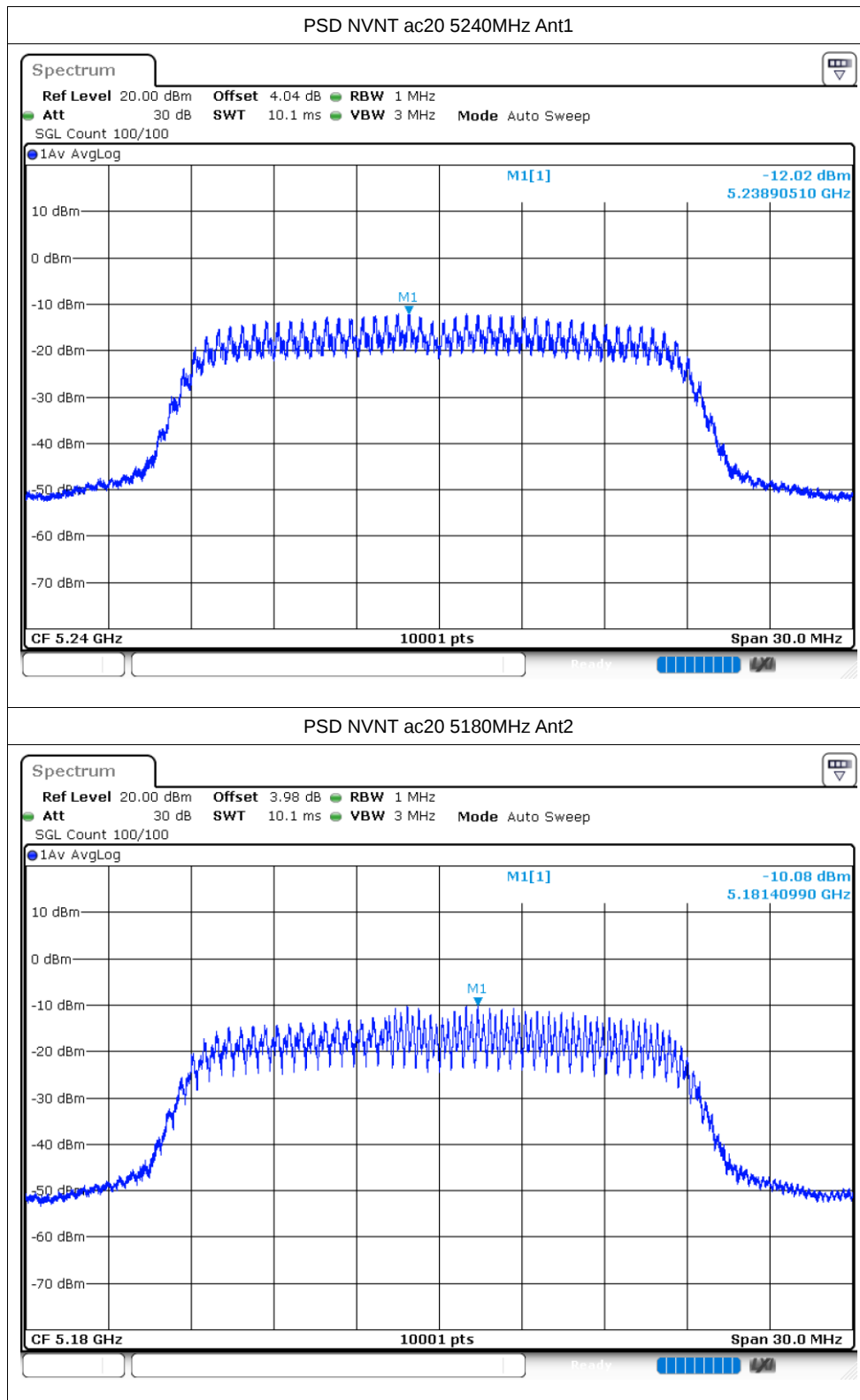


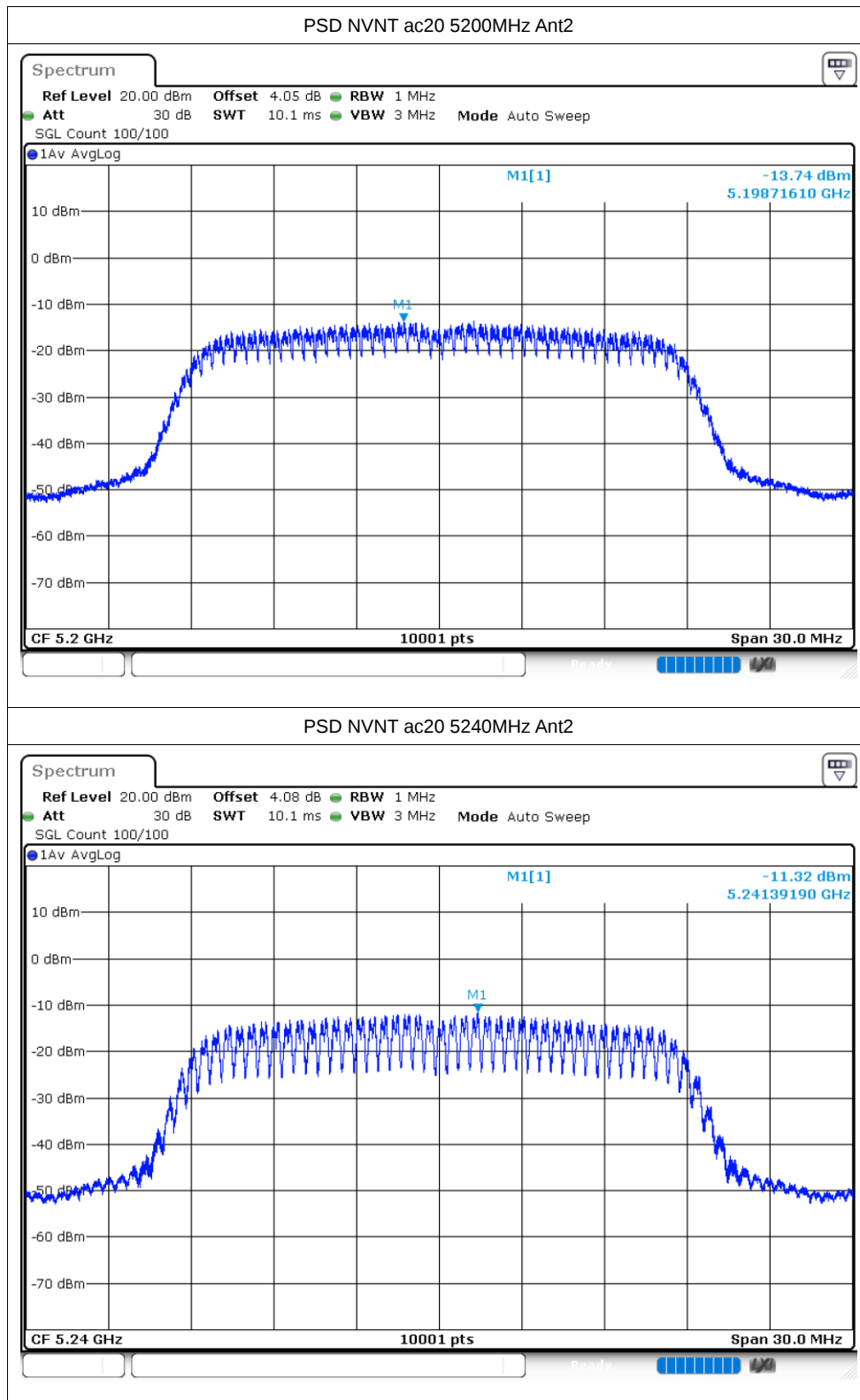


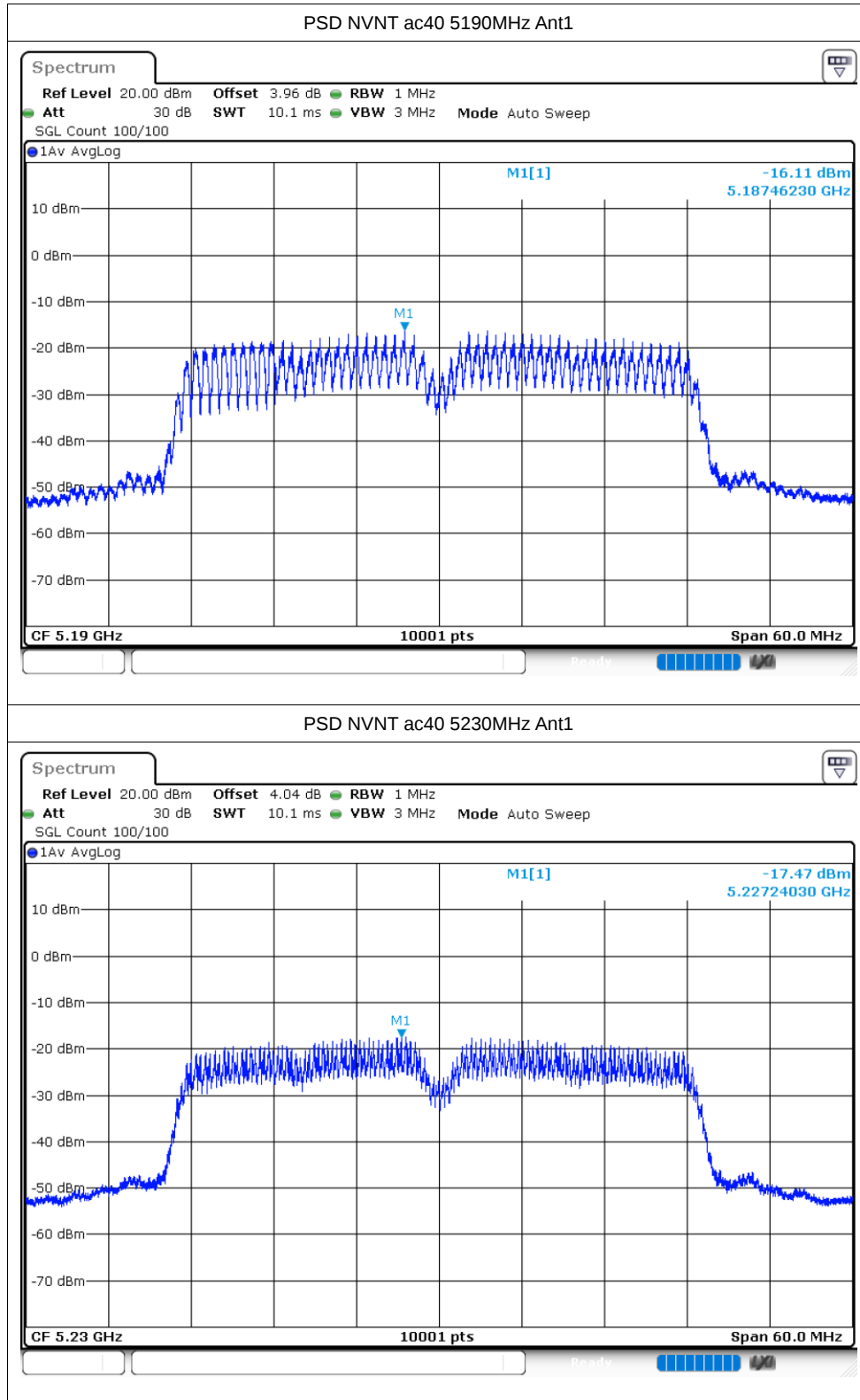


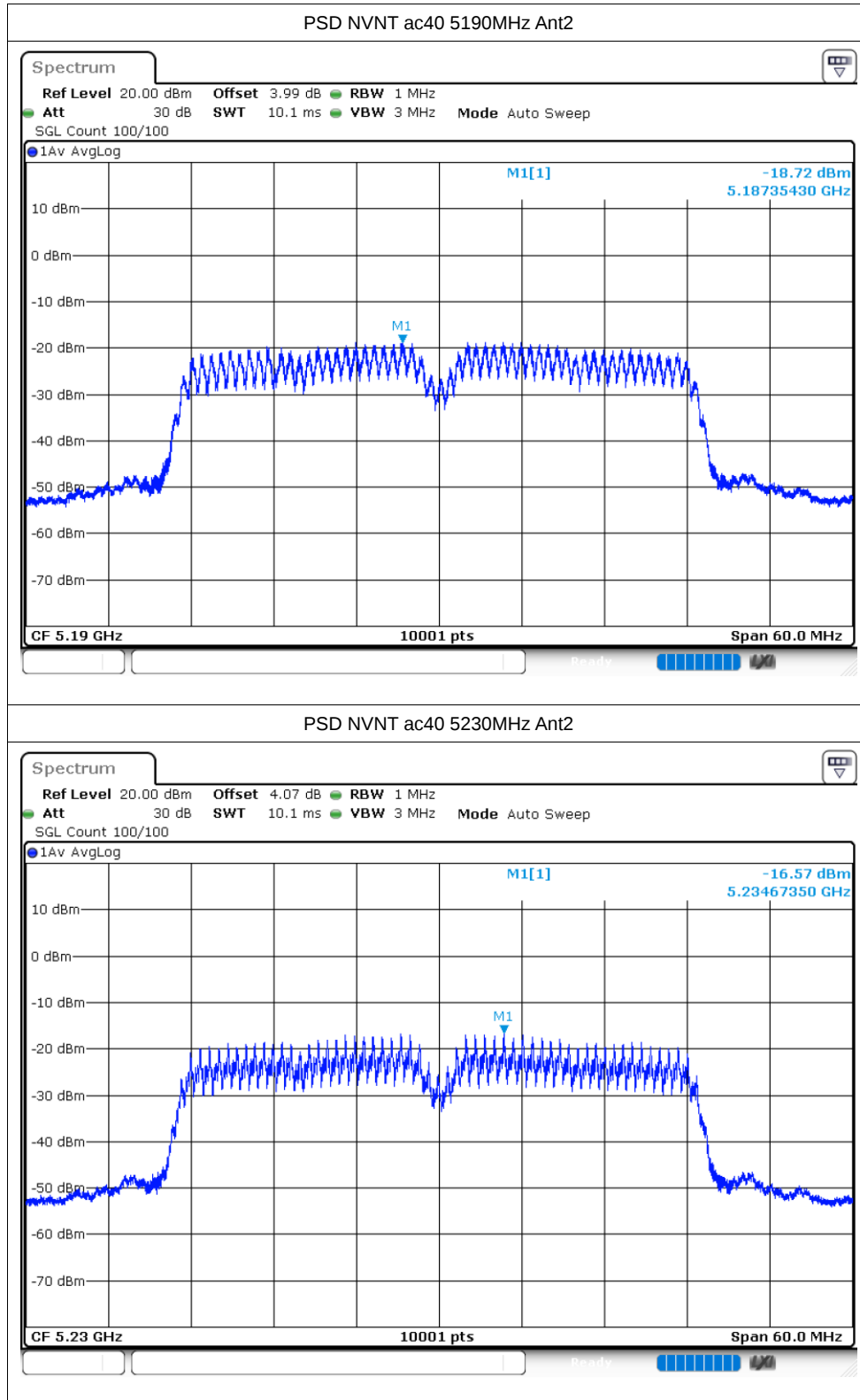


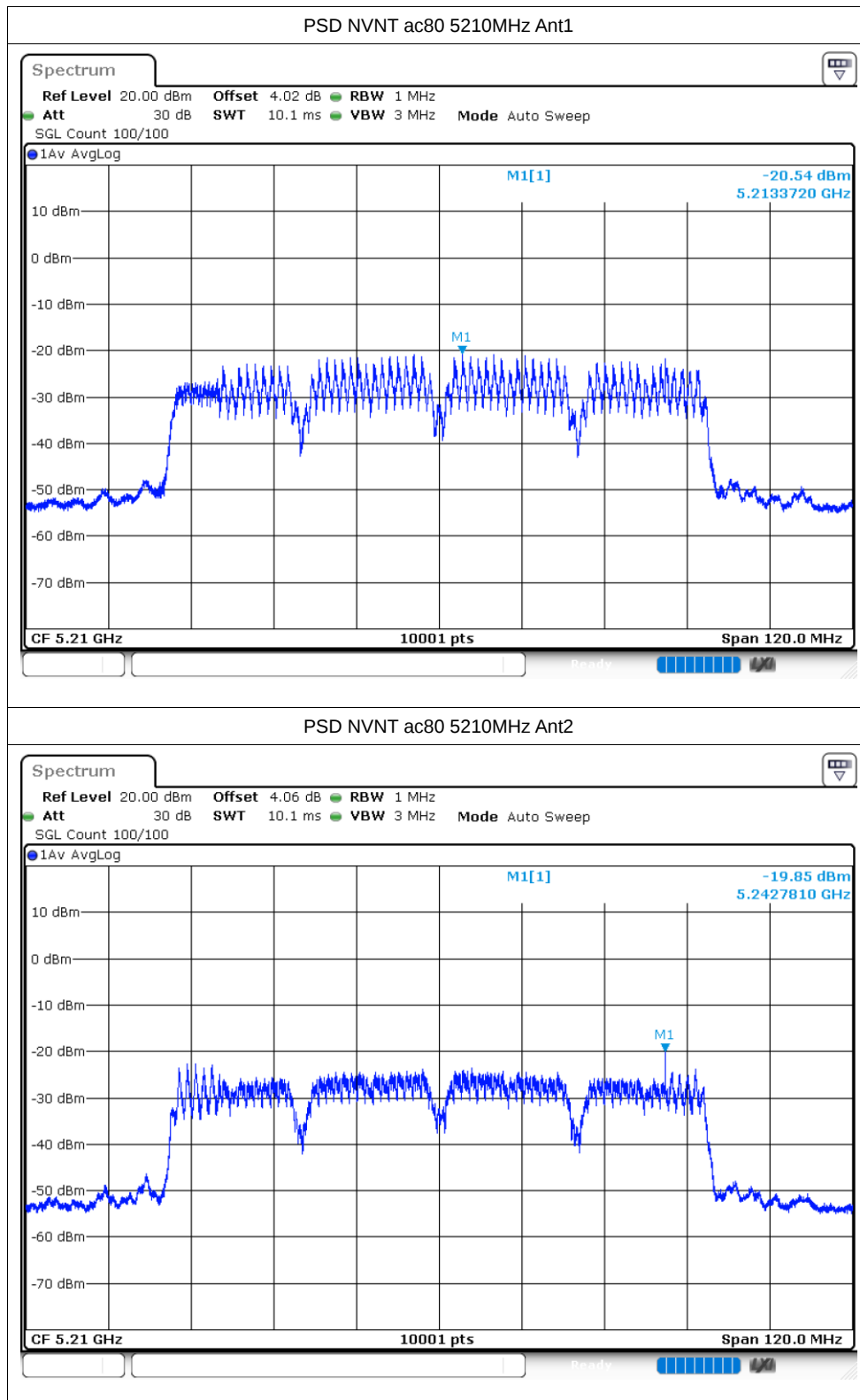












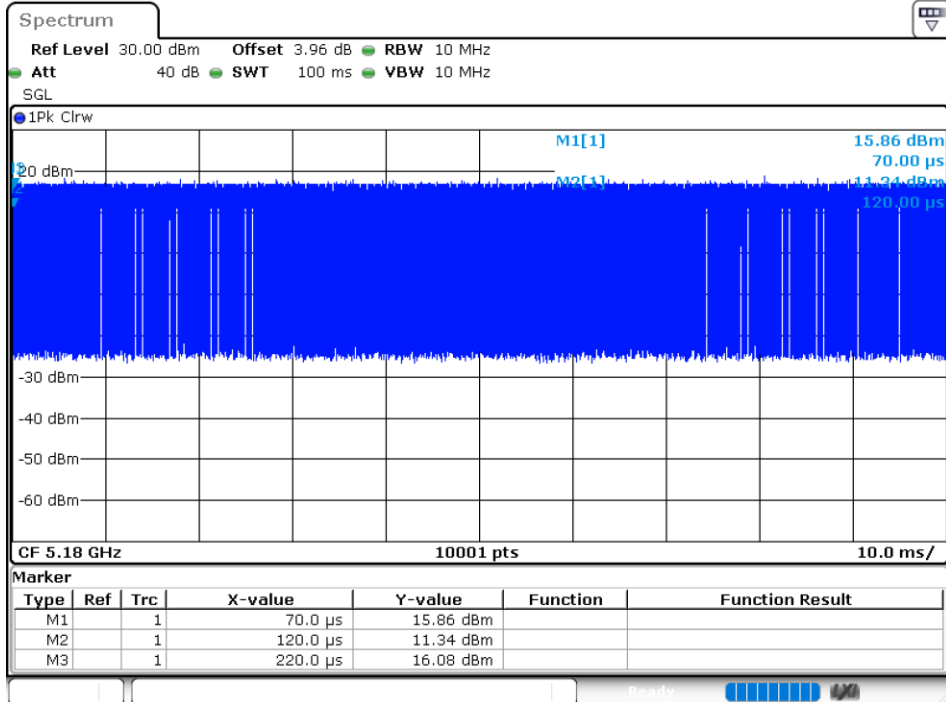
5.2G WIFI MIMO

Duty Cycle

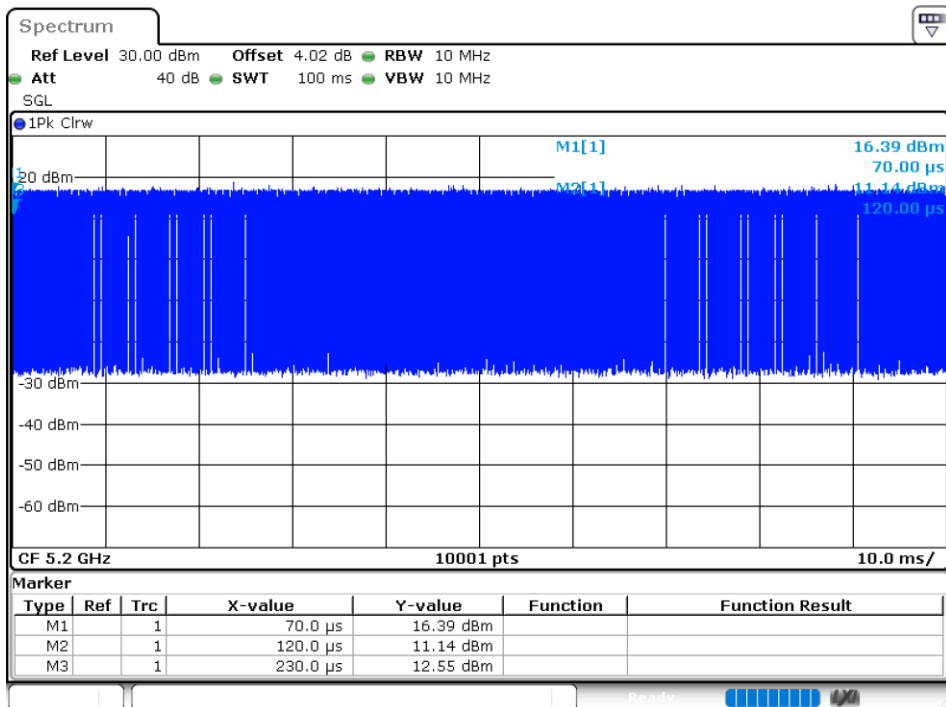
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	77.17	1.13	10
NVNT	ac20	5200	Sum	77.17	1.13	9.09
NVNT	ac20	5240	Sum	77.18	1.12	9.09
NVNT	ac40	5190	Sum	66.68	1.76	14.29
NVNT	ac40	5230	Sum	75.01	1.25	12.5
NVNT	ac80	5210	Sum	67.5	1.71	16.67
NVNT	n20	5180	Sum	83.32	0.79	5.88
NVNT	n20	5200	Sum	83.28	0.79	6.25
NVNT	n20	5240	Sum	83.28	0.79	5.88
NVNT	n40	5190	Sum	76.29	1.18	10
NVNT	n40	5230	Sum	76.37	1.17	10

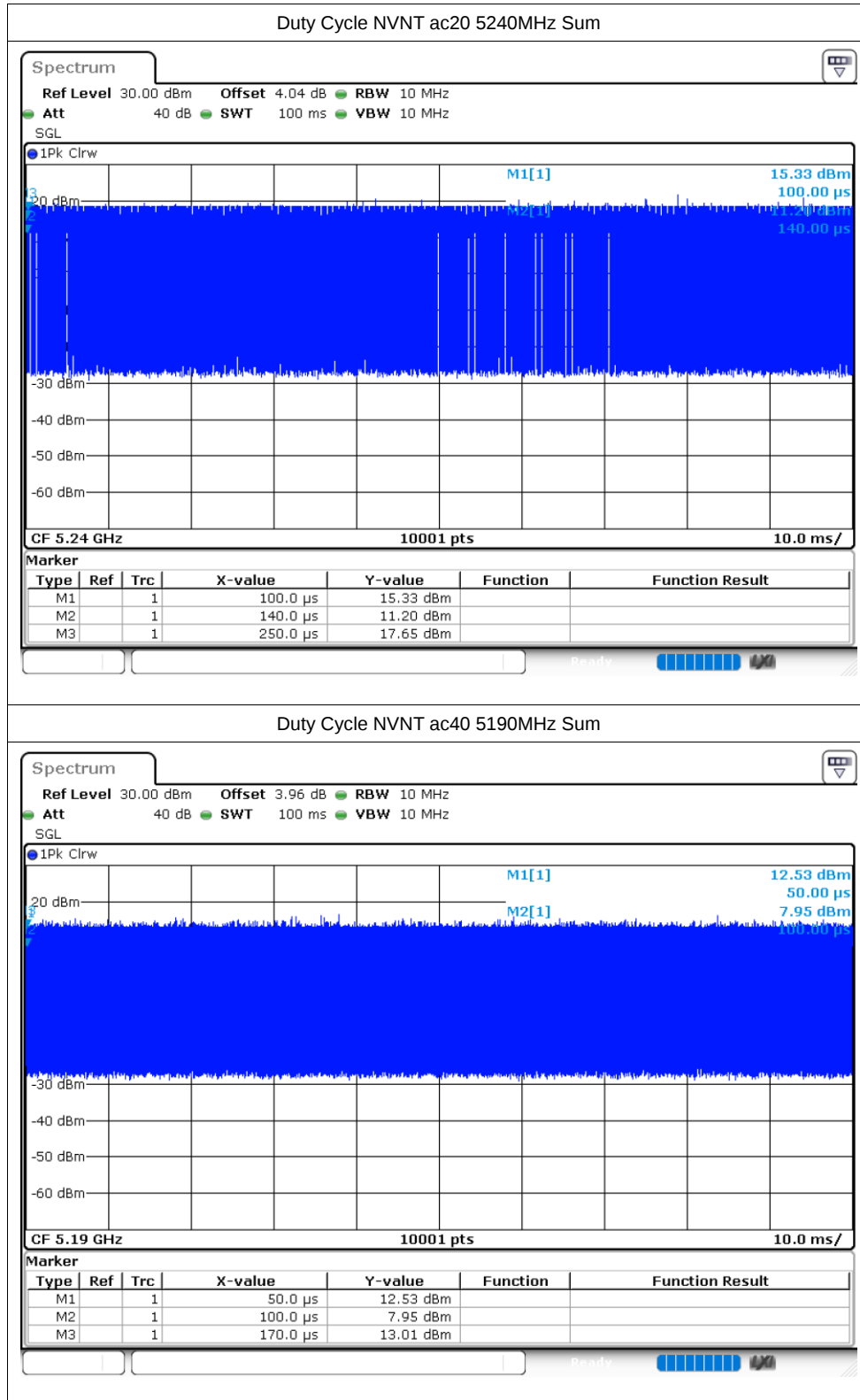
Test Graphs

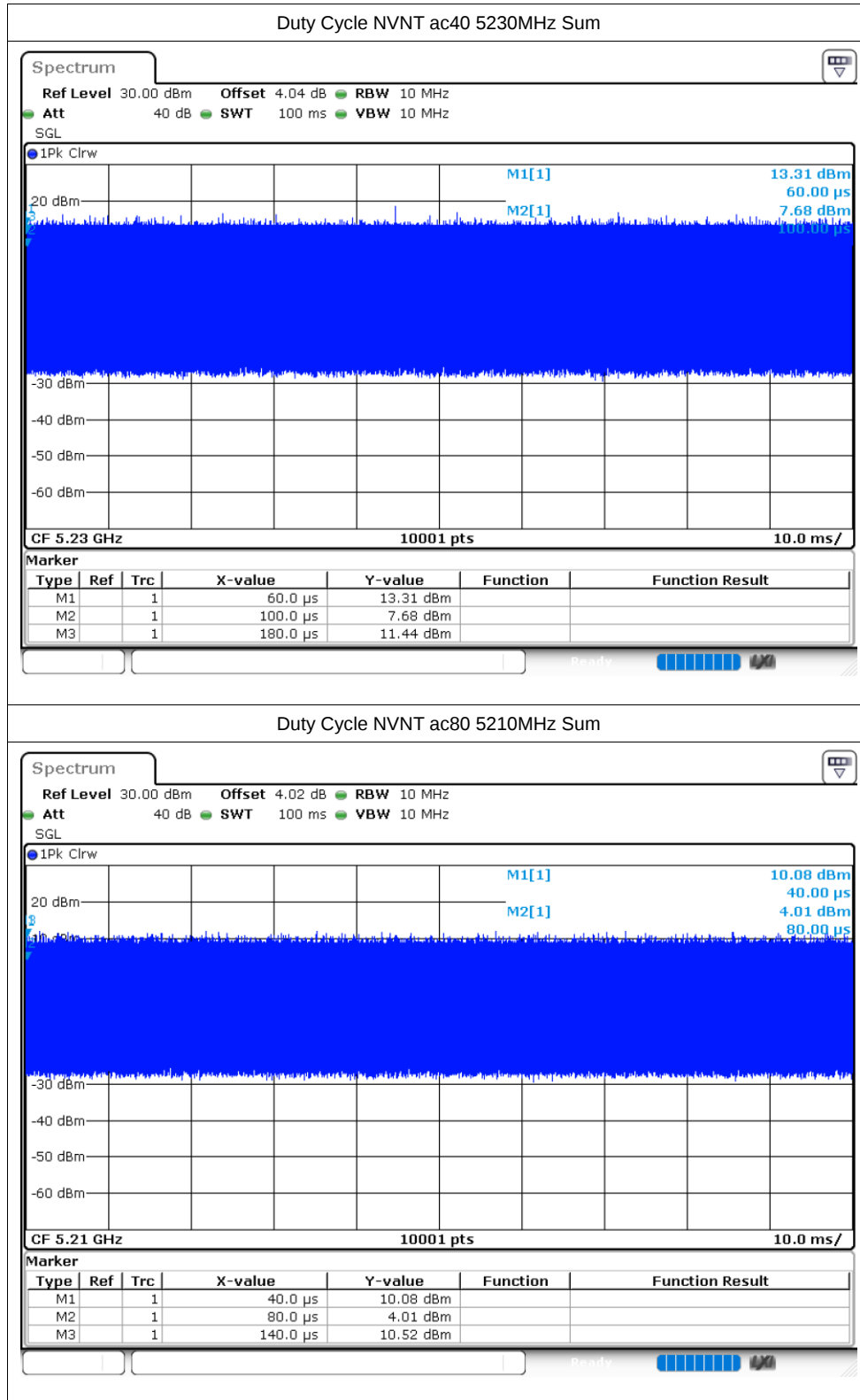
Duty Cycle NVNT ac20 5180MHz Sum

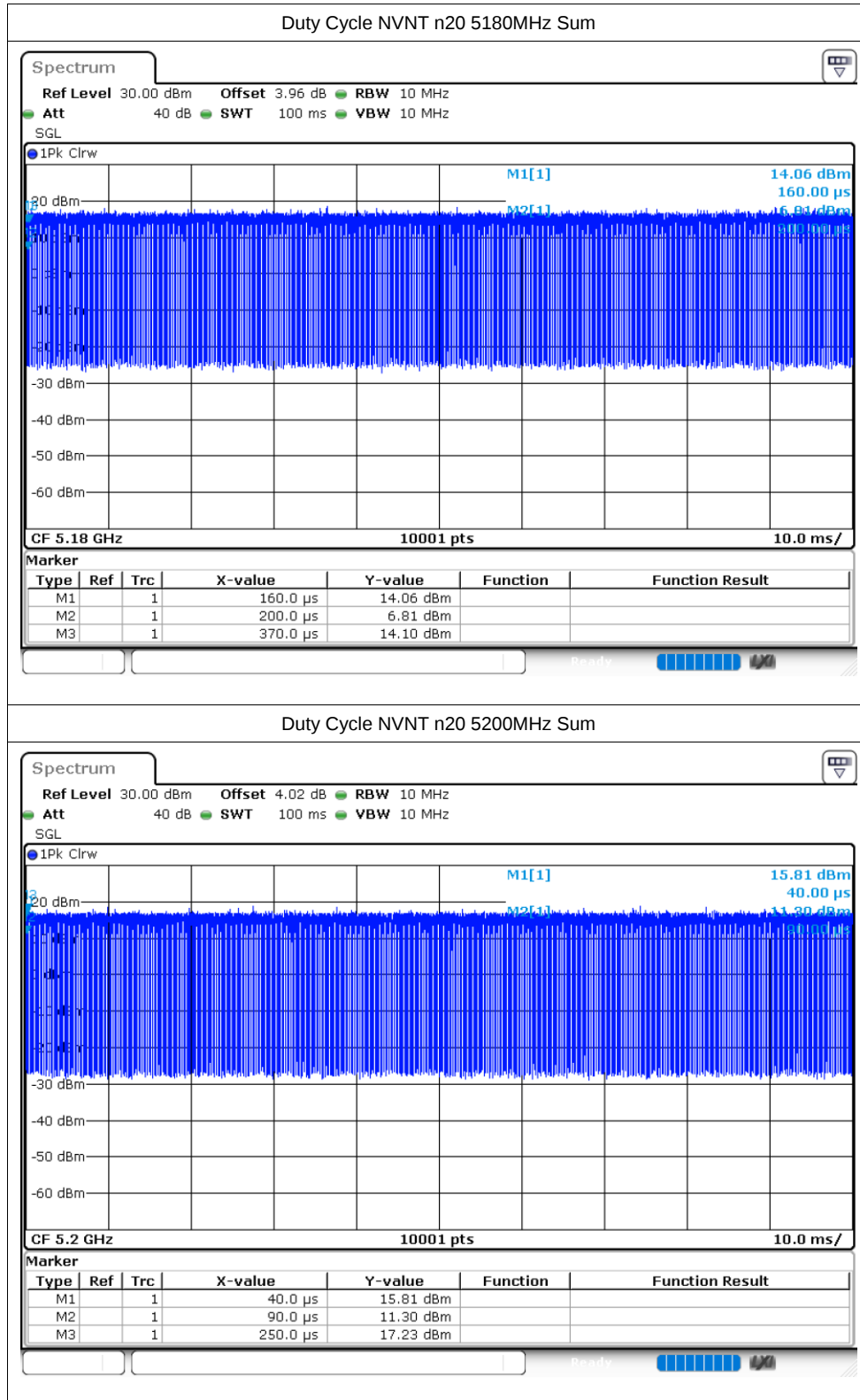


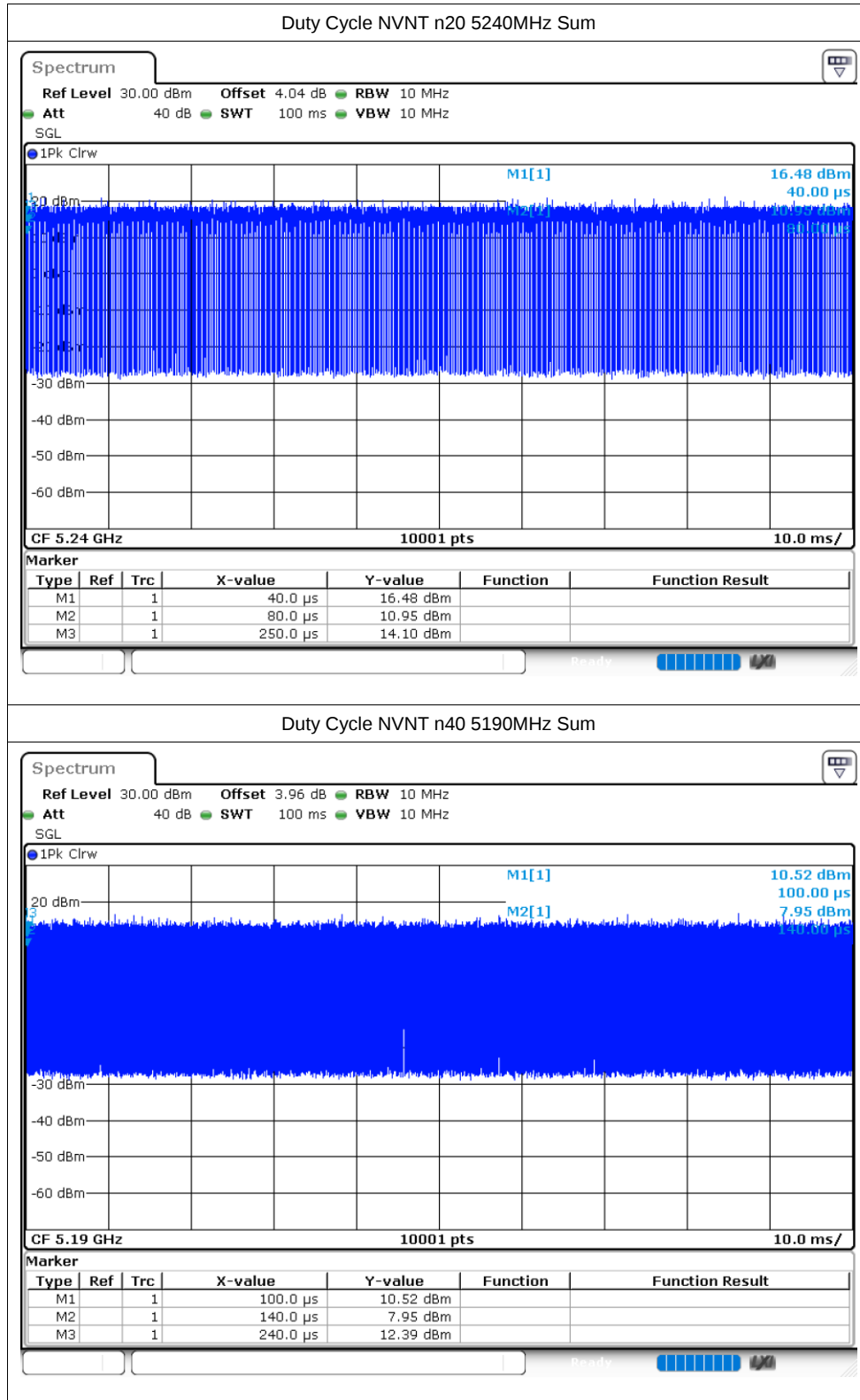
Duty Cycle NVNT ac20 5200MHz Sum

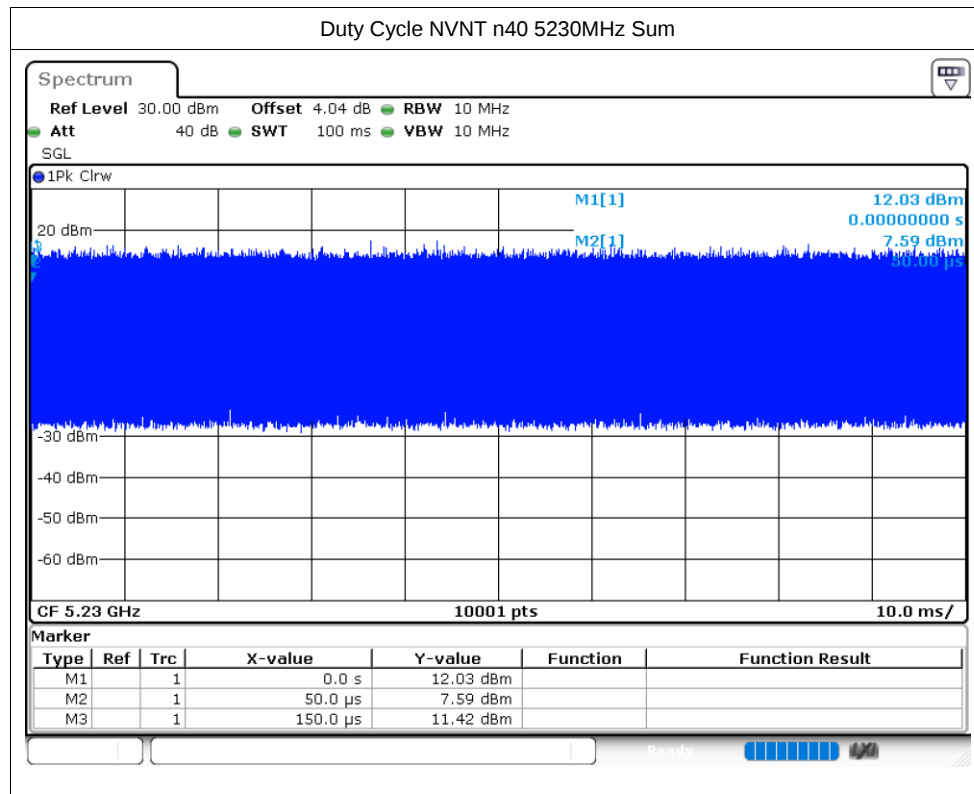












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	10.1	22.05	Pass
NVNT	ac20	5180	Ant2	10.17	22.05	Pass
NVNT	ac20	5180	Sum	13.15	22.05	Pass
NVNT	ac20	5200	Ant1	9.75	22.05	Pass
NVNT	ac20	5200	Ant2	10.17	22.05	Pass
NVNT	ac20	5200	Sum	12.98	22.05	Pass
NVNT	ac20	5240	Ant1	9.74	22.05	Pass
NVNT	ac20	5240	Ant2	10.16	22.05	Pass
NVNT	ac20	5240	Sum	12.97	22.05	Pass
NVNT	ac40	5190	Ant1	9.78	22.05	Pass
NVNT	ac40	5190	Ant2	10.22	22.05	Pass
NVNT	ac40	5190	Sum	13.02	22.05	Pass
NVNT	ac40	5230	Ant1	9.77	22.05	Pass
NVNT	ac40	5230	Ant2	10.02	22.05	Pass
NVNT	ac40	5230	Sum	12.91	22.05	Pass
NVNT	ac80	5210	Ant1	9.77	22.05	Pass
NVNT	ac80	5210	Ant2	10.08	22.05	Pass
NVNT	ac80	5210	Sum	12.94	22.05	Pass
NVNT	n20	5180	Ant1	9.92	22.05	Pass
NVNT	n20	5180	Ant2	9.98	22.05	Pass
NVNT	n20	5180	Sum	12.96	22.05	Pass
NVNT	n20	5200	Ant1	9.81	22.05	Pass
NVNT	n20	5200	Ant2	10.15	22.05	Pass
NVNT	n20	5200	Sum	12.99	22.05	Pass
NVNT	n20	5240	Ant1	10.14	22.05	Pass
NVNT	n20	5240	Ant2	10.19	22.05	Pass
NVNT	n20	5240	Sum	13.18	22.05	Pass
NVNT	n40	5190	Ant1	10.01	22.05	Pass
NVNT	n40	5190	Ant2	10.23	22.05	Pass
NVNT	n40	5190	Sum	13.13	22.05	Pass
NVNT	n40	5230	Ant1	10.04	22.05	Pass
NVNT	n40	5230	Ant2	10.15	22.05	Pass
NVNT	n40	5230	Sum	13.11	22.05	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	19.857	Pass
NVNT	ac20	5180	Ant2	20.199	Pass
NVNT	ac20	5200	Ant1	19.944	Pass
NVNT	ac20	5200	Ant2	19.836	Pass
NVNT	ac20	5240	Ant1	20.013	Pass
NVNT	ac20	5240	Ant2	19.935	Pass
NVNT	ac40	5190	Ant1	40.062	Pass
NVNT	ac40	5190	Ant2	40.134	Pass
NVNT	ac40	5230	Ant1	50.838	Pass
NVNT	ac40	5230	Ant2	40.266	Pass
NVNT	ac80	5210	Ant1	81.408	Pass
NVNT	ac80	5210	Ant2	80.16	Pass
NVNT	n20	5180	Ant1	19.515	Pass
NVNT	n20	5180	Ant2	19.929	Pass
NVNT	n20	5200	Ant1	19.932	Pass
NVNT	n20	5200	Ant2	19.869	Pass
NVNT	n20	5240	Ant1	20.22	Pass
NVNT	n20	5240	Ant2	20.157	Pass
NVNT	n40	5190	Ant1	40.206	Pass
NVNT	n40	5190	Ant2	40.404	Pass
NVNT	n40	5230	Ant1	47.922	Pass
NVNT	n40	5230	Ant2	39.888	Pass

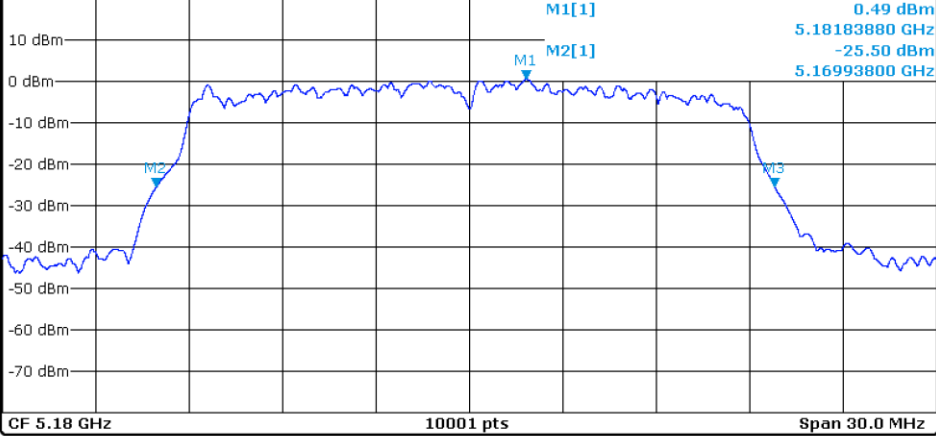
Test Graphs

-26dB Bandwidth NVNT ac20 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

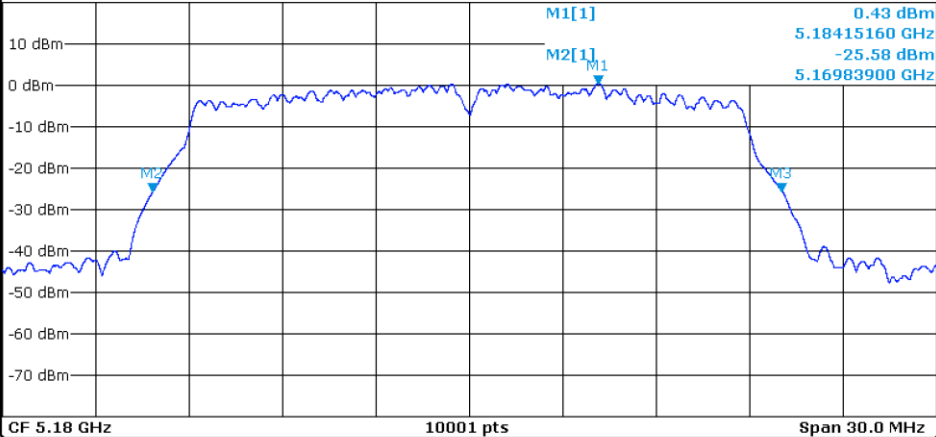


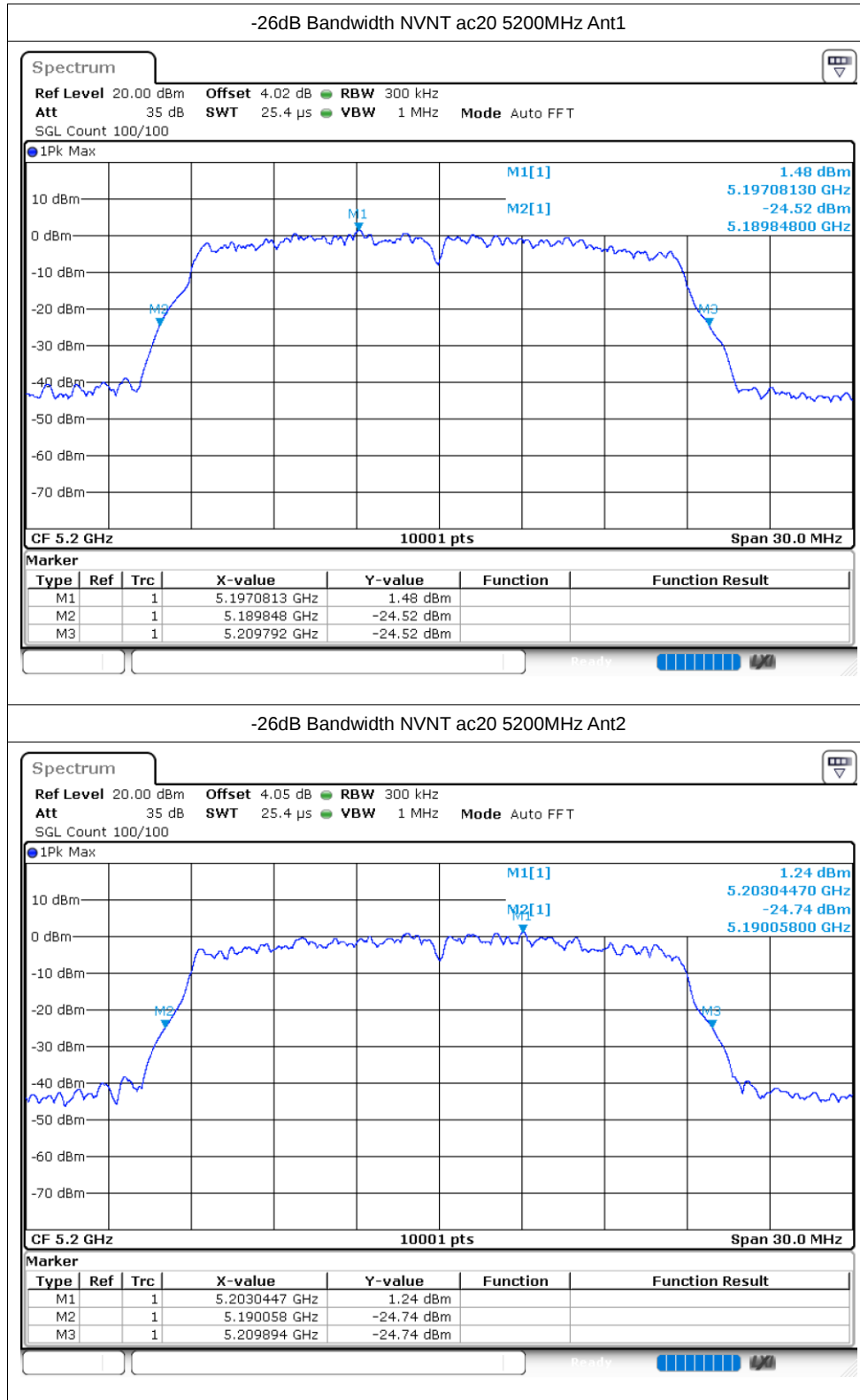
-26dB Bandwidth NVNT ac20 5180MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 3.98 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



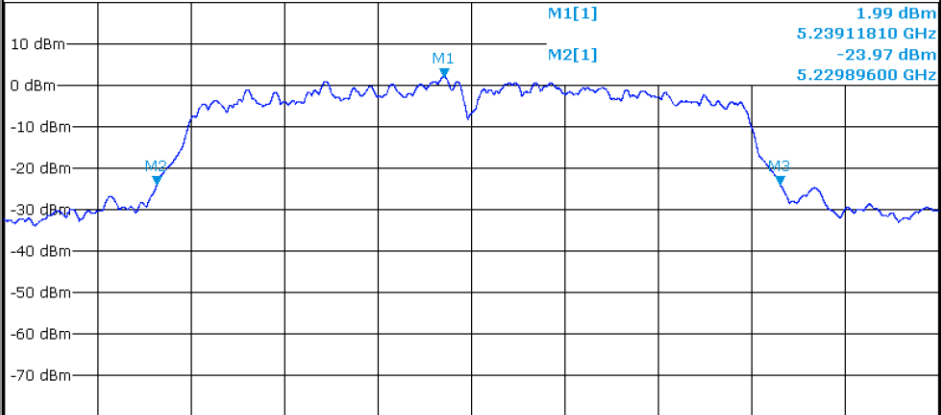


-26dB Bandwidth NVNT ac20 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

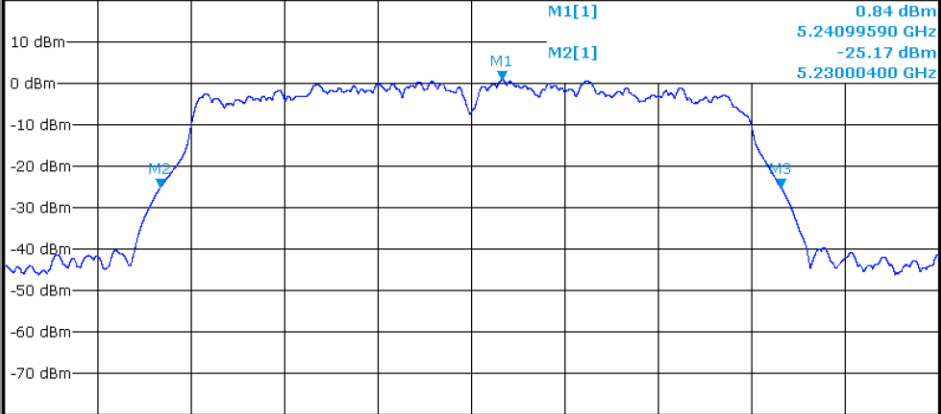
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2391181 GHz	1.99 dBm		
M2		1	5.229896 GHz	-23.97 dBm		
M3		1	5.249909 GHz	-23.98 dBm		

-26dB Bandwidth NVNT ac20 5240MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

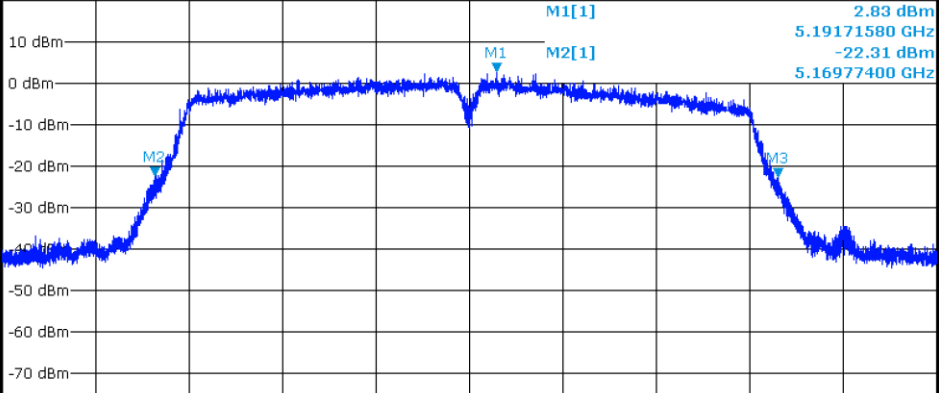
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2409959 GHz	0.84 dBm		
M2		1	5.230004 GHz	-25.17 dBm		
M3		1	5.249939 GHz	-25.16 dBm		

-26dB Bandwidth NVNT ac40 5190MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.96 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

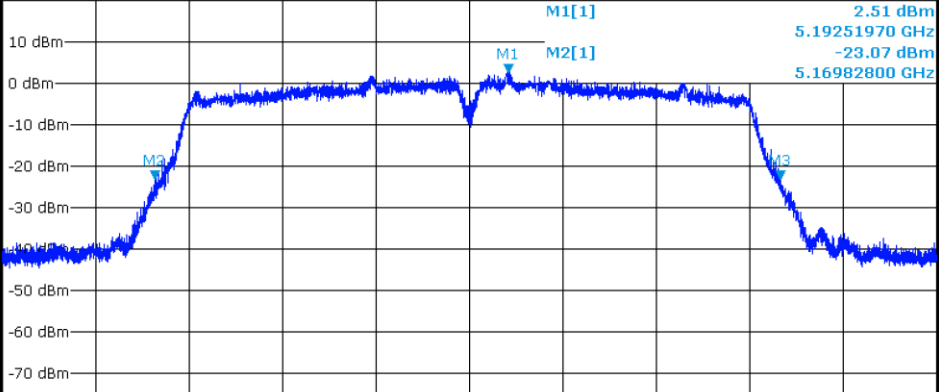
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1917158 GHz	2.83 dBm		
M2		1	5.169774 GHz	-22.31 dBm		
M3		1	5.209836 GHz	-22.50 dBm		

-26dB Bandwidth NVNT ac40 5190MHz Ant2

Spectrum

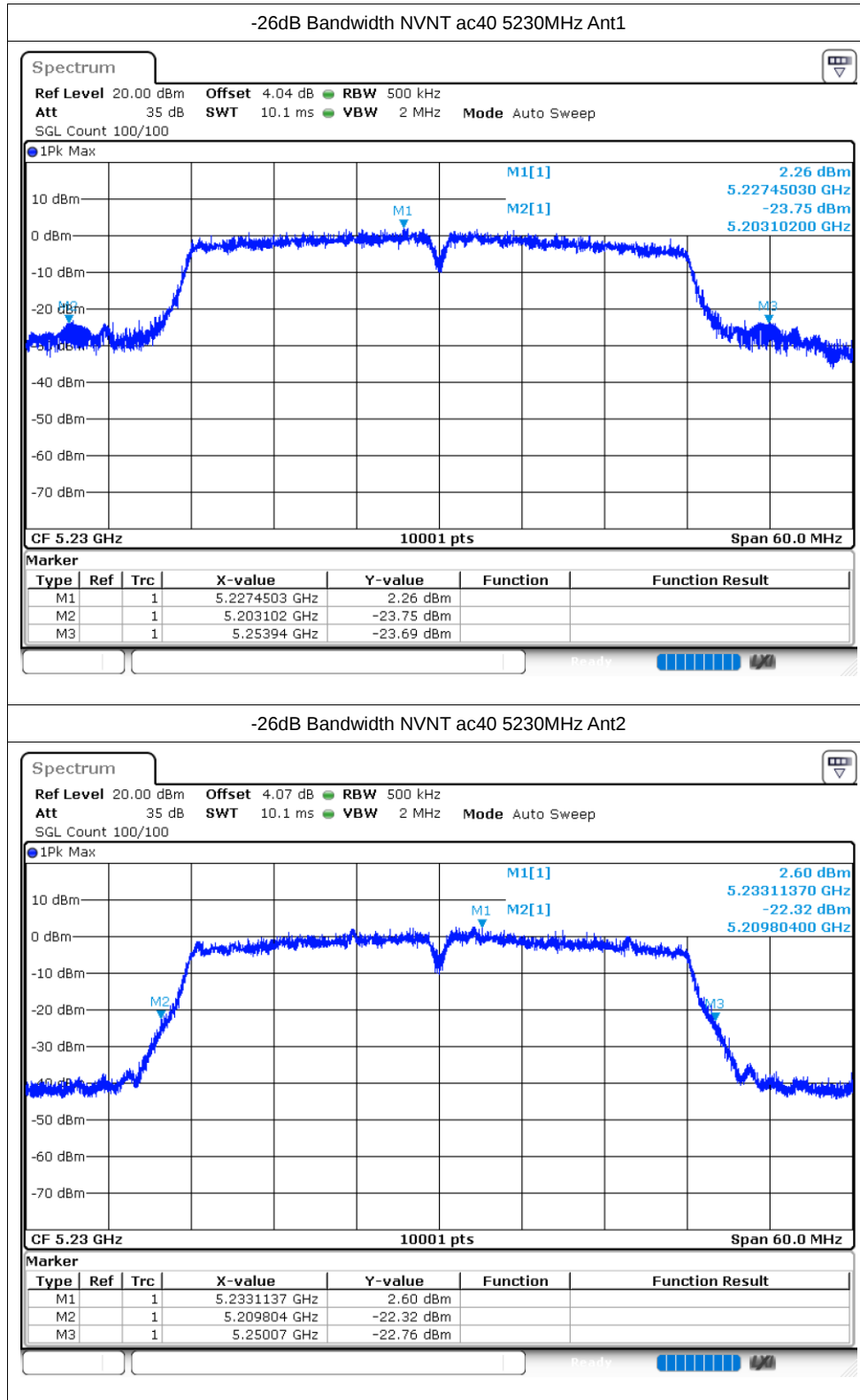
Ref Level 20.00 dBm Offset 3.99 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

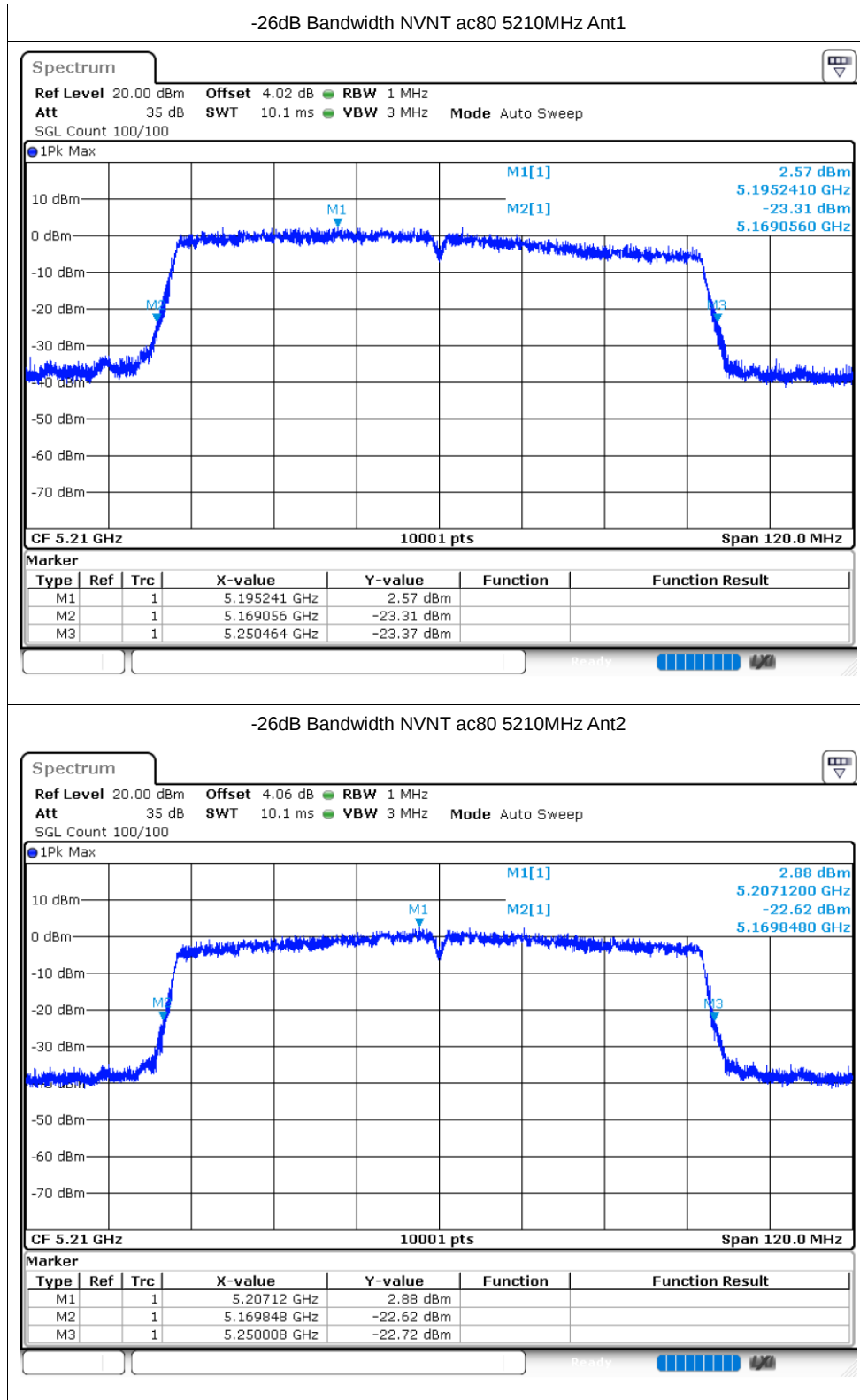
1Pk Max

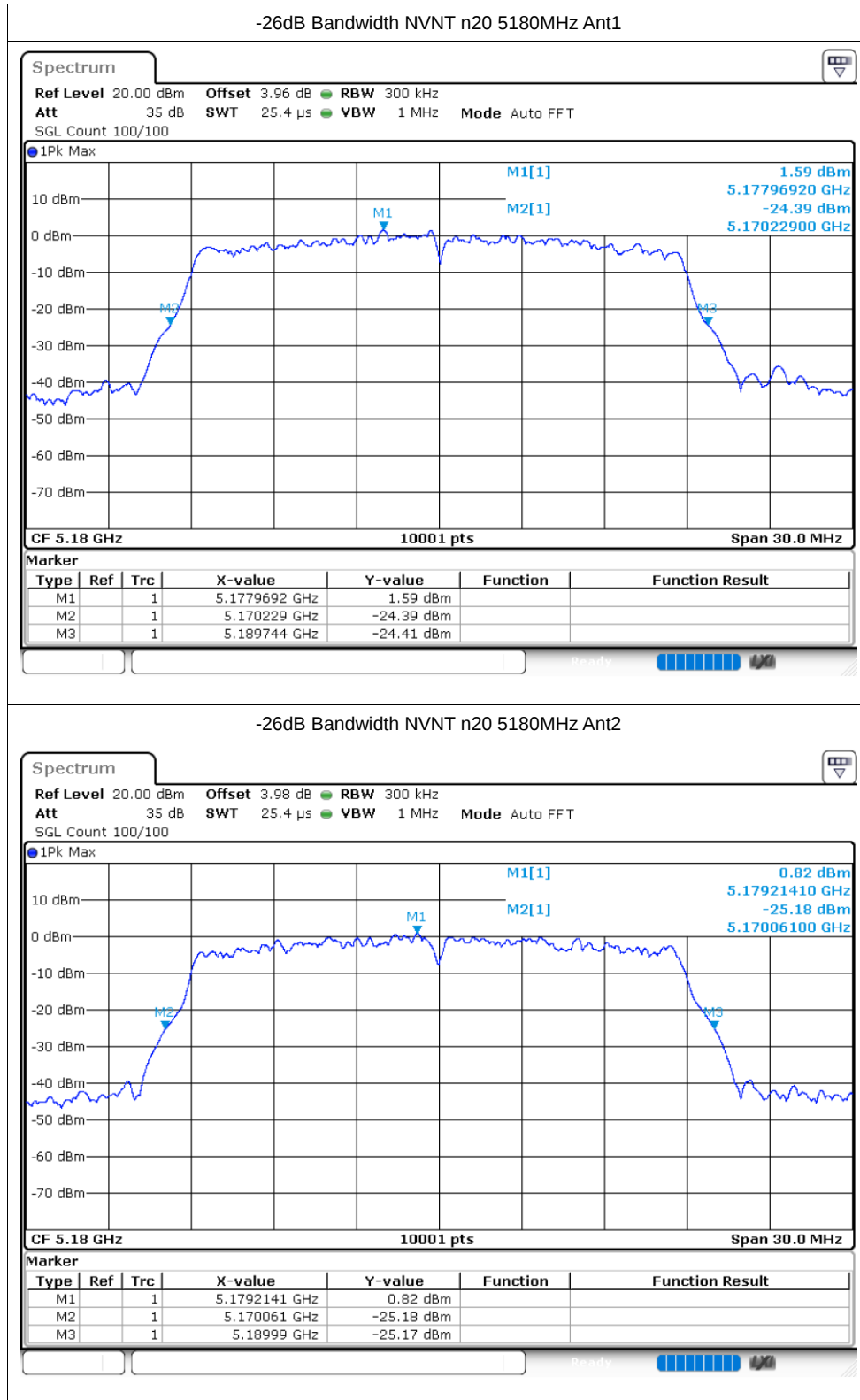


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1925197 GHz	2.51 dBm		
M2		1	5.169828 GHz	-23.07 dBm		
M3		1	5.209962 GHz	-23.04 dBm		





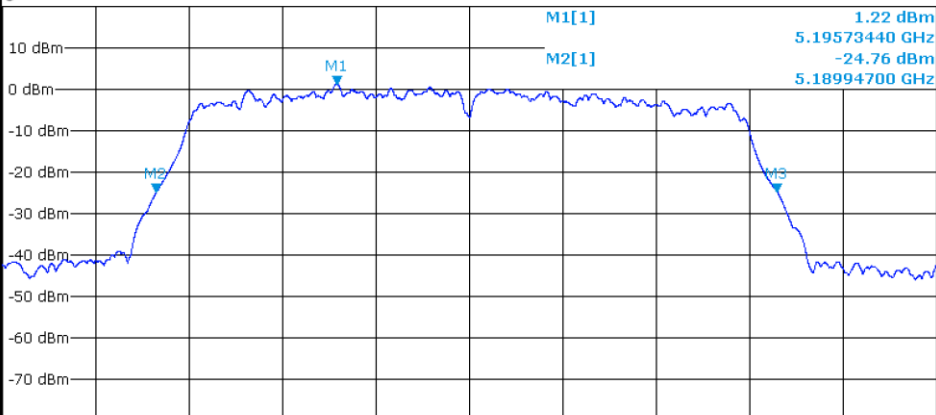


-26dB Bandwidth NVNT n20 5200MHz Ant1

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



CF 5.2 GHz

10001 pts

Span 30.0 MHz

Marker

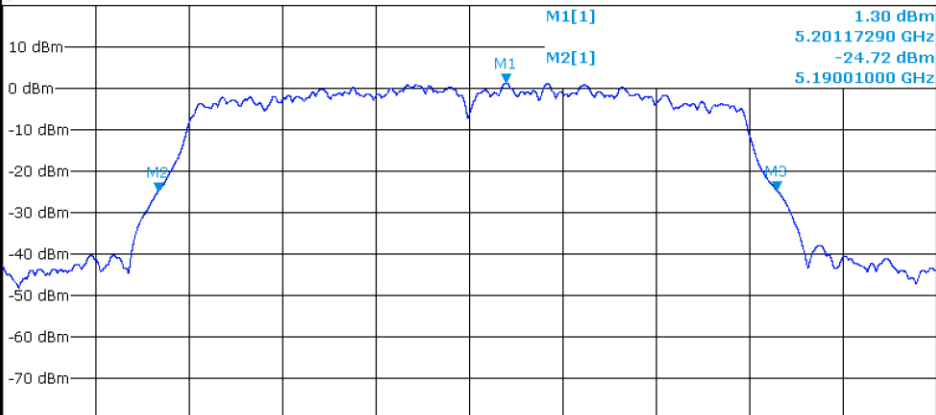
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1957344 GHz	1.22 dBm		
M2		1	5.189947 GHz	-24.76 dBm		
M3		1	5.209879 GHz	-24.78 dBm		

-26dB Bandwidth NVNT n20 5200MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.05 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.2 GHz

10001 pts

Span 30.0 MHz

Marker

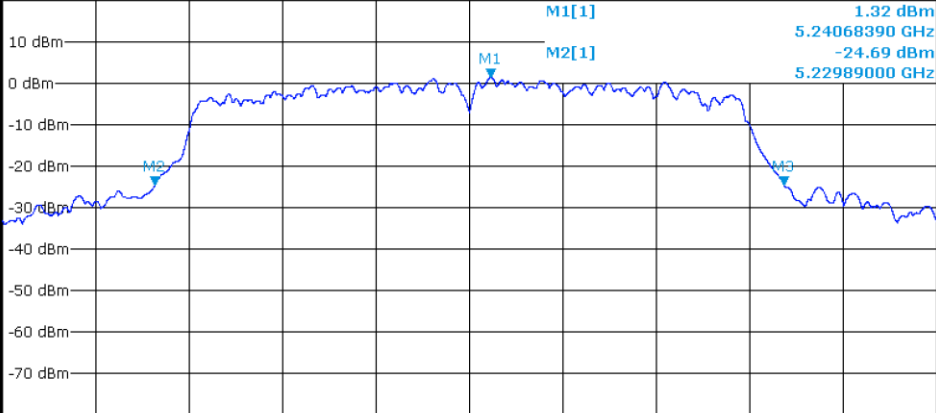
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2011729 GHz	1.30 dBm		
M2		1	5.19001 GHz	-24.72 dBm		
M3		1	5.209879 GHz	-24.70 dBm		

-26dB Bandwidth NVNT n20 5240MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.04 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

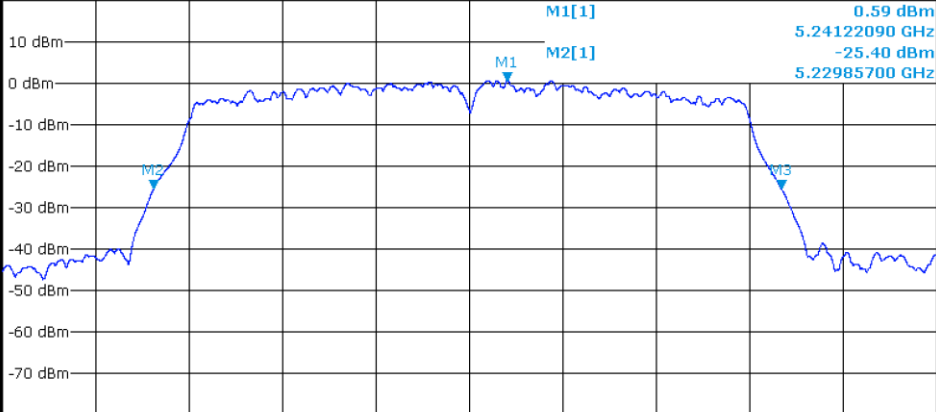
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2406839 GHz	1.32 dBm		
M2		1	5.22989 GHz	-24.69 dBm		
M3		1	5.25011 GHz	-24.68 dBm		

-26dB Bandwidth NVNT n20 5240MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

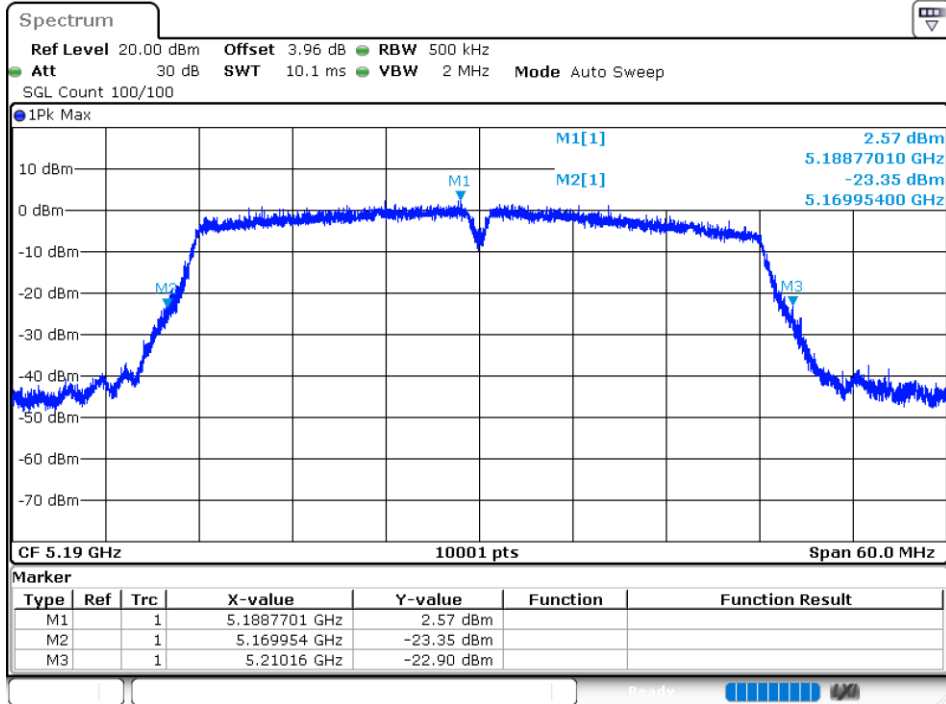


CF 5.24 GHz 10001 pts Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2412209 GHz	0.59 dBm		
M2		1	5.229857 GHz	-25.40 dBm		
M3		1	5.250014 GHz	-25.42 dBm		

-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2

