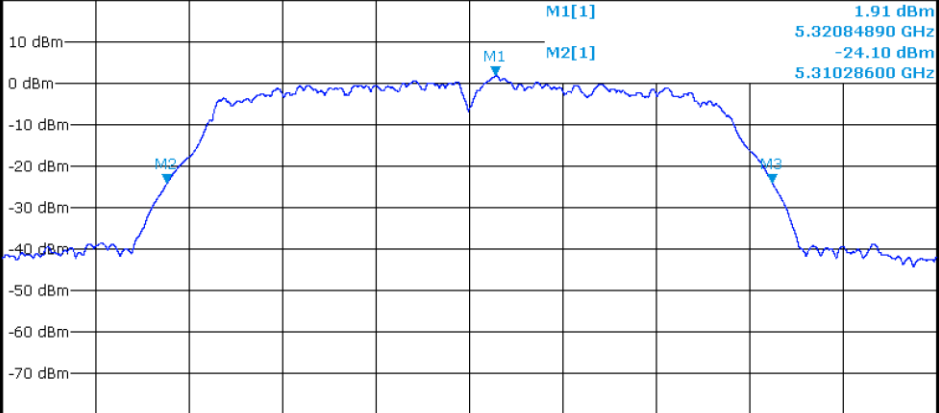


-26dB Bandwidth NVNT a 5320MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.52 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

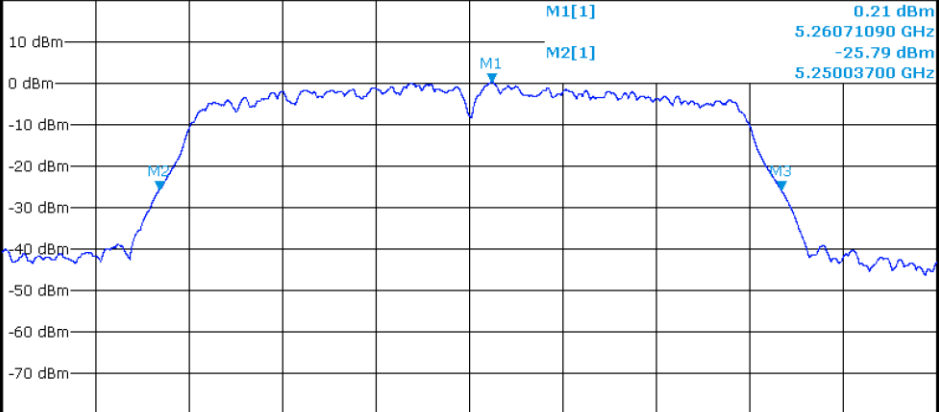
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3208489 GHz	1.91 dBm		
M2		1	5.310286 GHz	-24.10 dBm		
M3		1	5.329726 GHz	-24.09 dBm		

-26dB Bandwidth NVNT n20 5260MHz Ant1

Spectrum

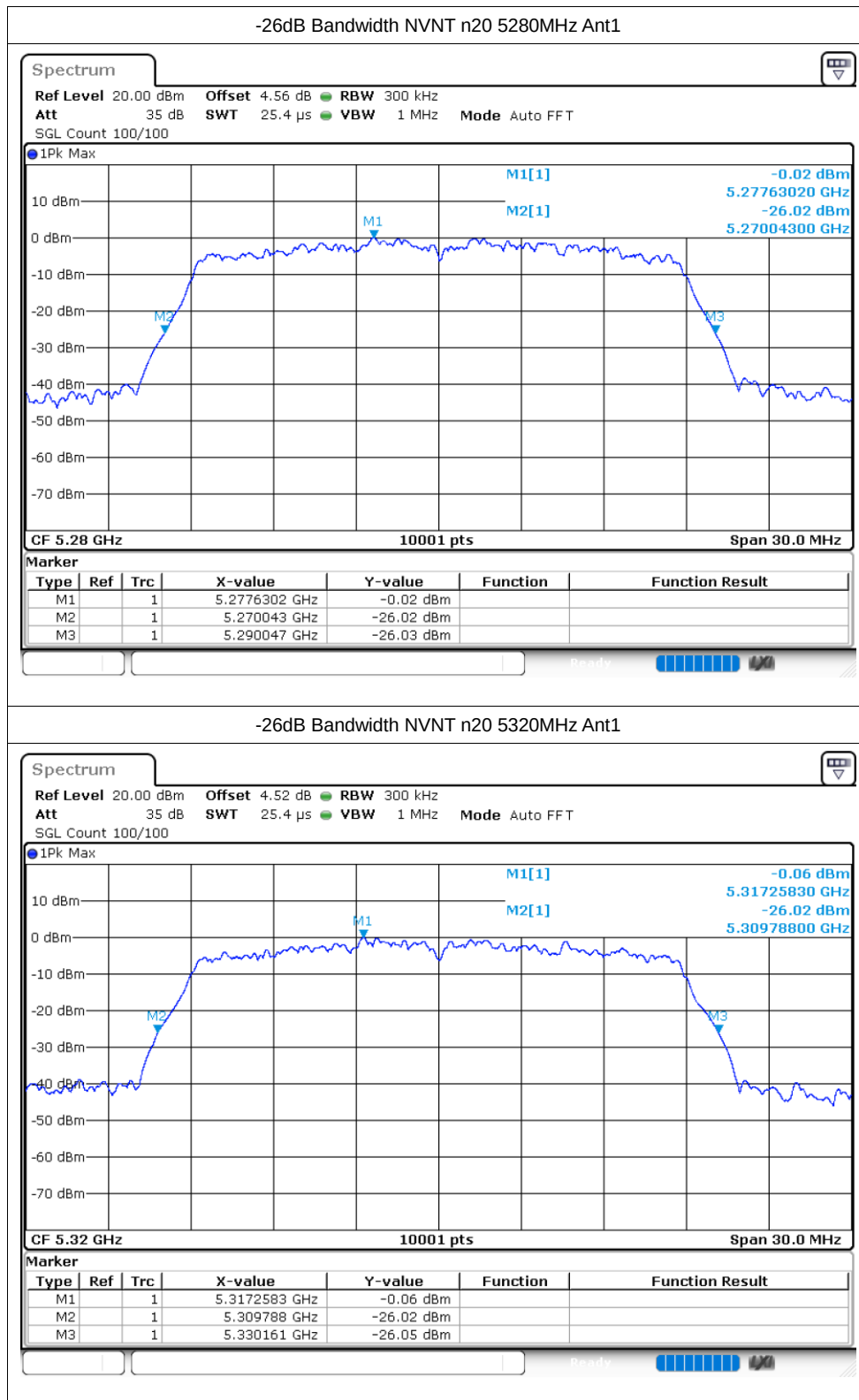
Ref Level 20.00 dBm Offset 4.59 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2607109 GHz	0.21 dBm		
M2		1	5.250037 GHz	-25.79 dBm		
M3		1	5.270011 GHz	-25.79 dBm		

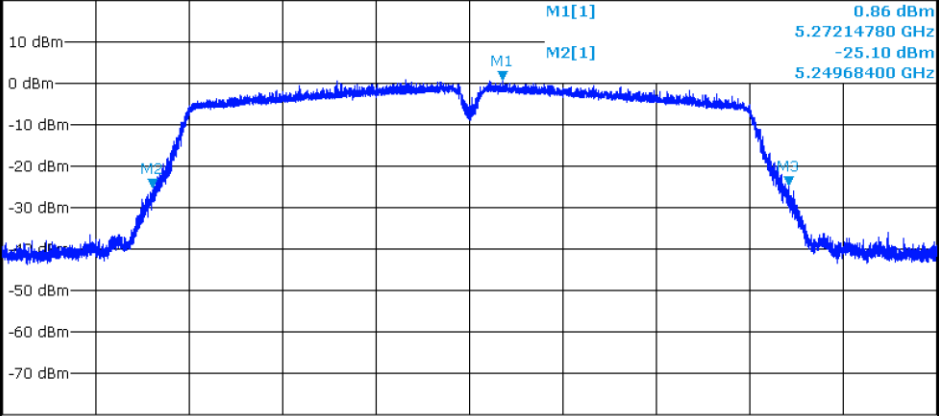


-26dB Bandwidth NVNT n40 5270MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.57 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



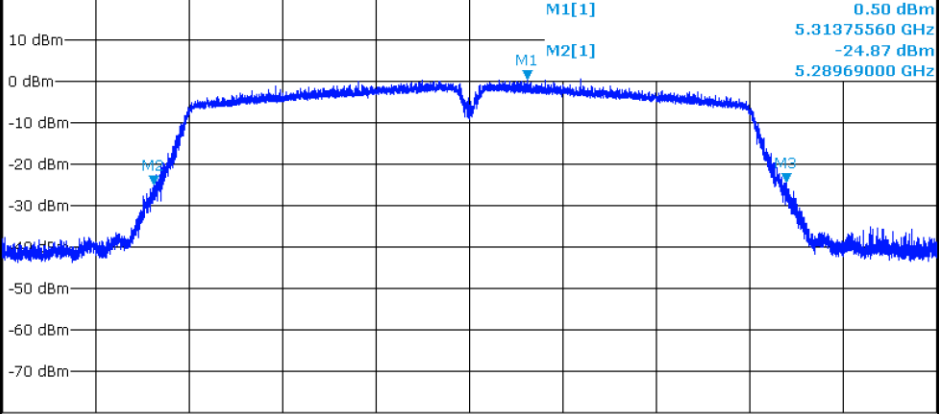
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2721478 GHz	0.86 dBm		
M2		1	5.249684 GHz	-25.10 dBm		
M3		1	5.290514 GHz	-24.55 dBm		

-26dB Bandwidth NVNT n40 5310MHz Ant1

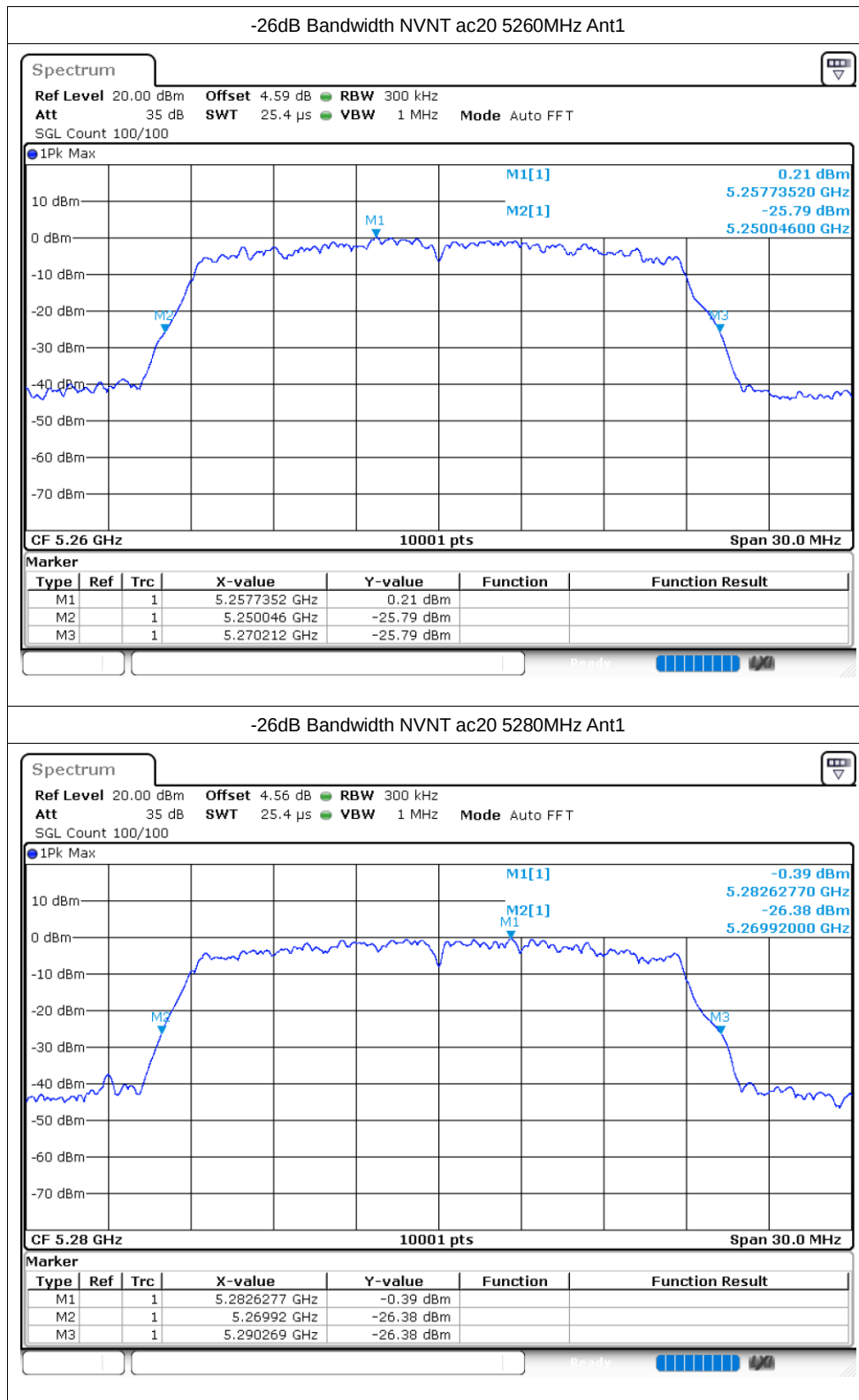
Spectrum

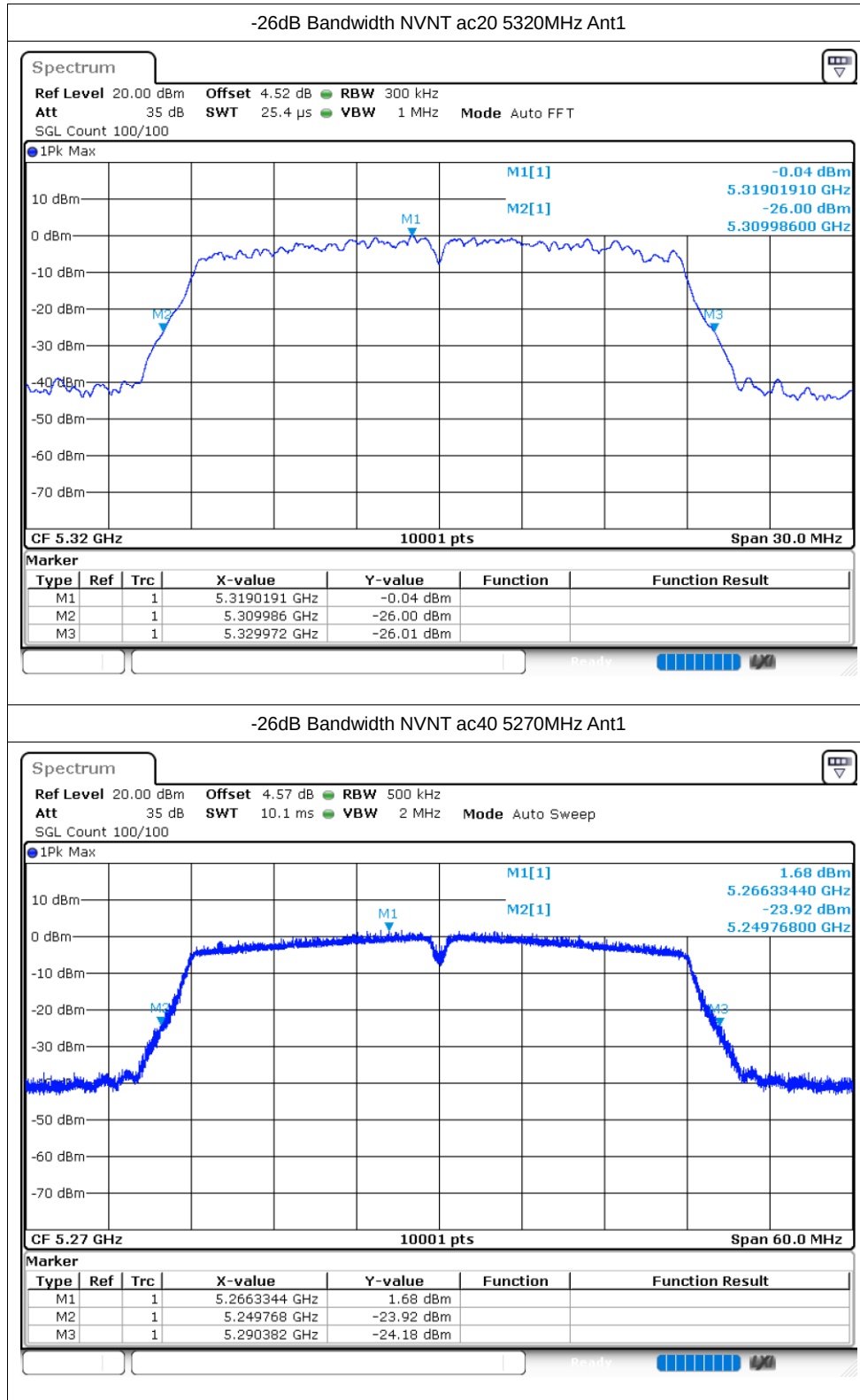
Ref Level 20.00 dBm Offset 4.53 dB RBW 500 kHz
Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

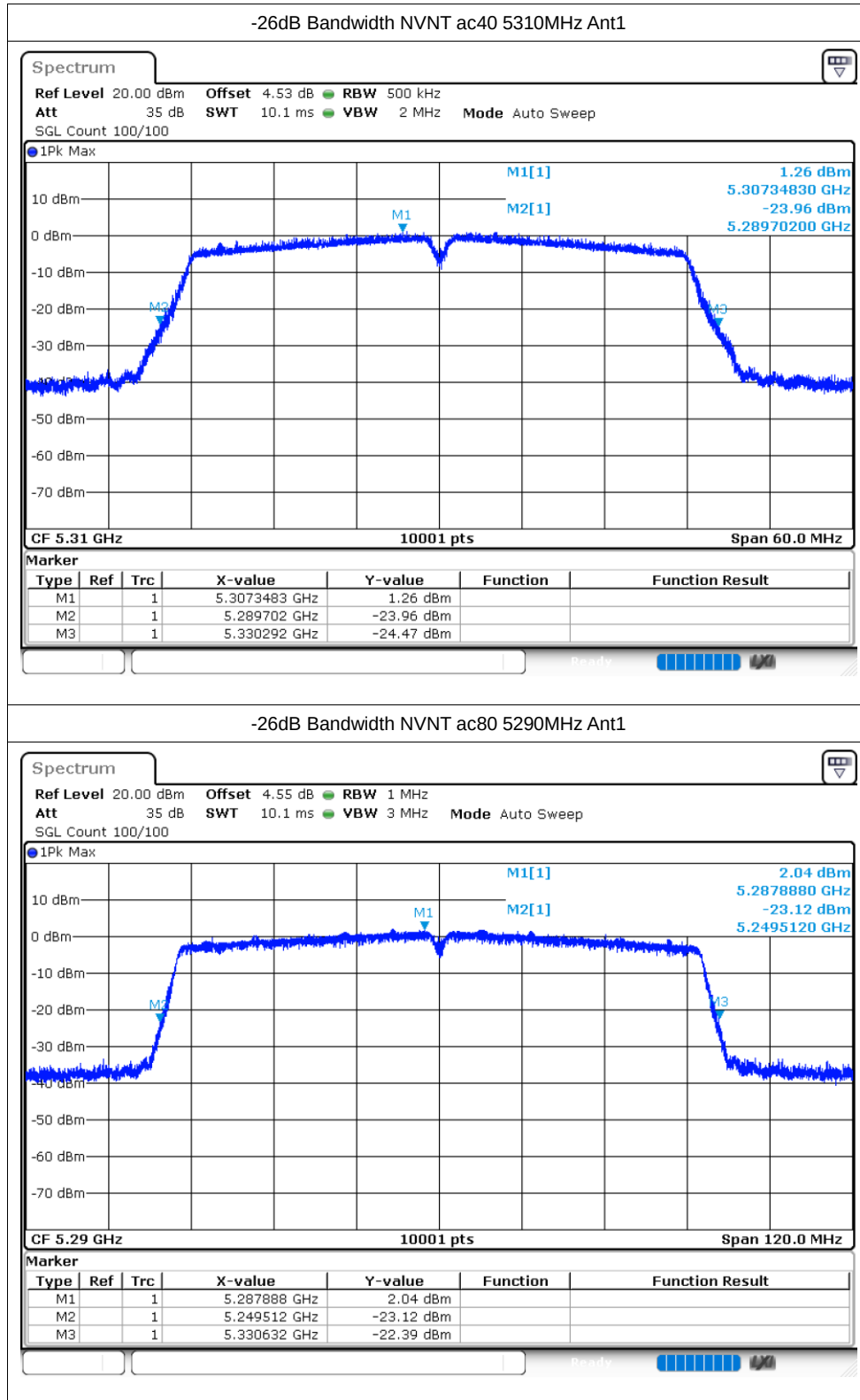
1Pk Max



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3137556 GHz	0.50 dBm		
M2		1	5.28969 GHz	-24.87 dBm		
M3		1	5.330346 GHz	-24.26 dBm		





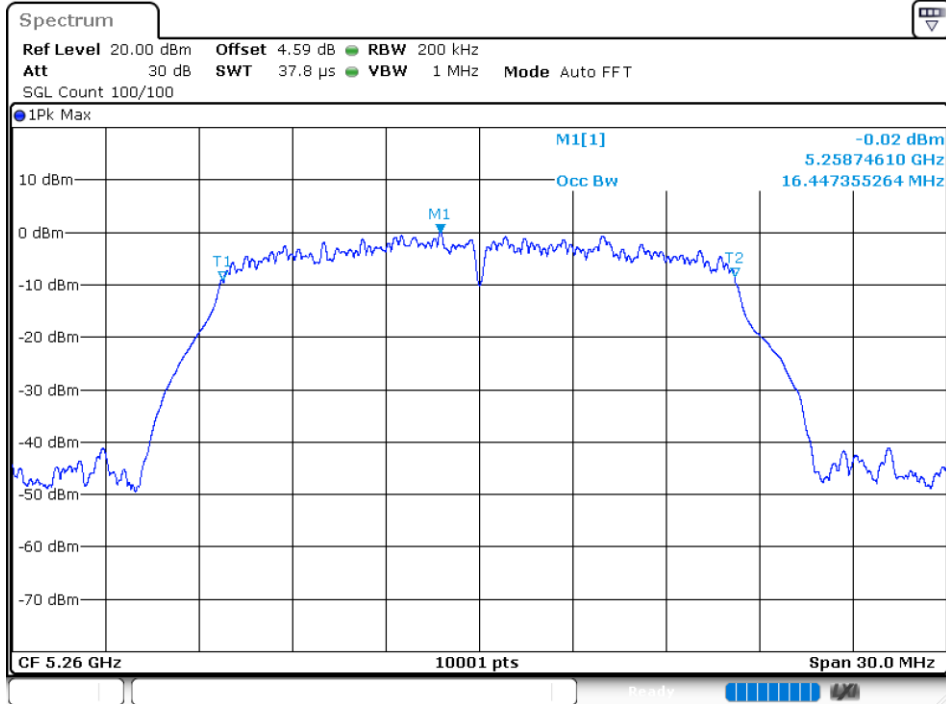


Occupied Channel Bandwidth

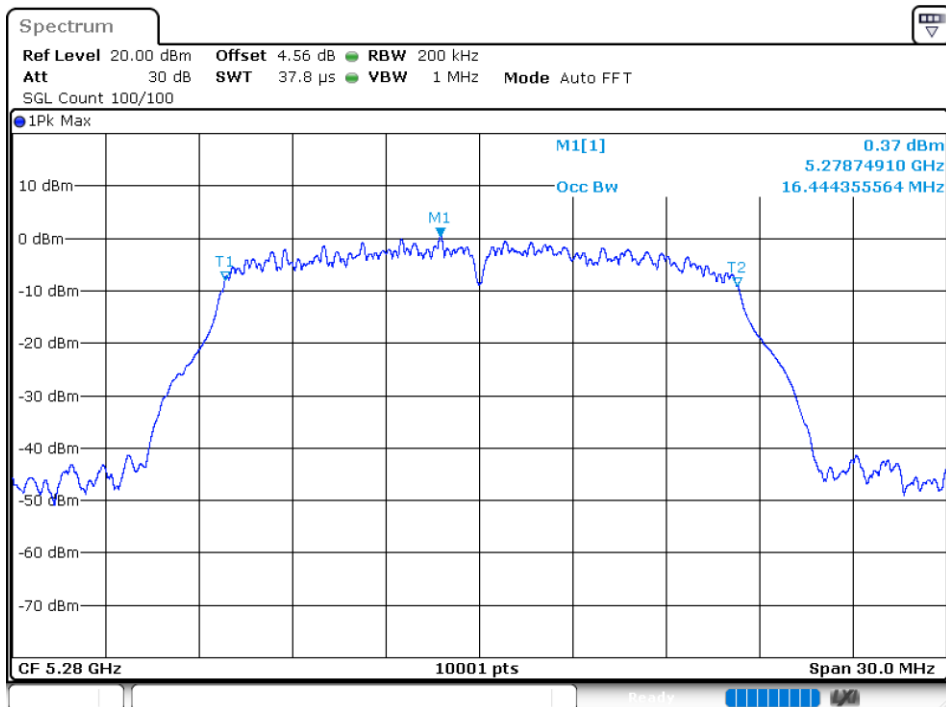
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.447
NVNT	a	5280	Ant1	16.444
NVNT	a	5320	Ant1	16.573
NVNT	n20	5260	Ant1	17.494
NVNT	n20	5280	Ant1	17.554
NVNT	n20	5320	Ant1	17.617
NVNT	n40	5270	Ant1	35.996
NVNT	n40	5310	Ant1	35.996
NVNT	ac20	5260	Ant1	17.557
NVNT	ac20	5280	Ant1	17.722
NVNT	ac20	5320	Ant1	17.548
NVNT	ac40	5270	Ant1	35.984
NVNT	ac40	5310	Ant1	35.996
NVNT	ac80	5290	Ant1	75.172

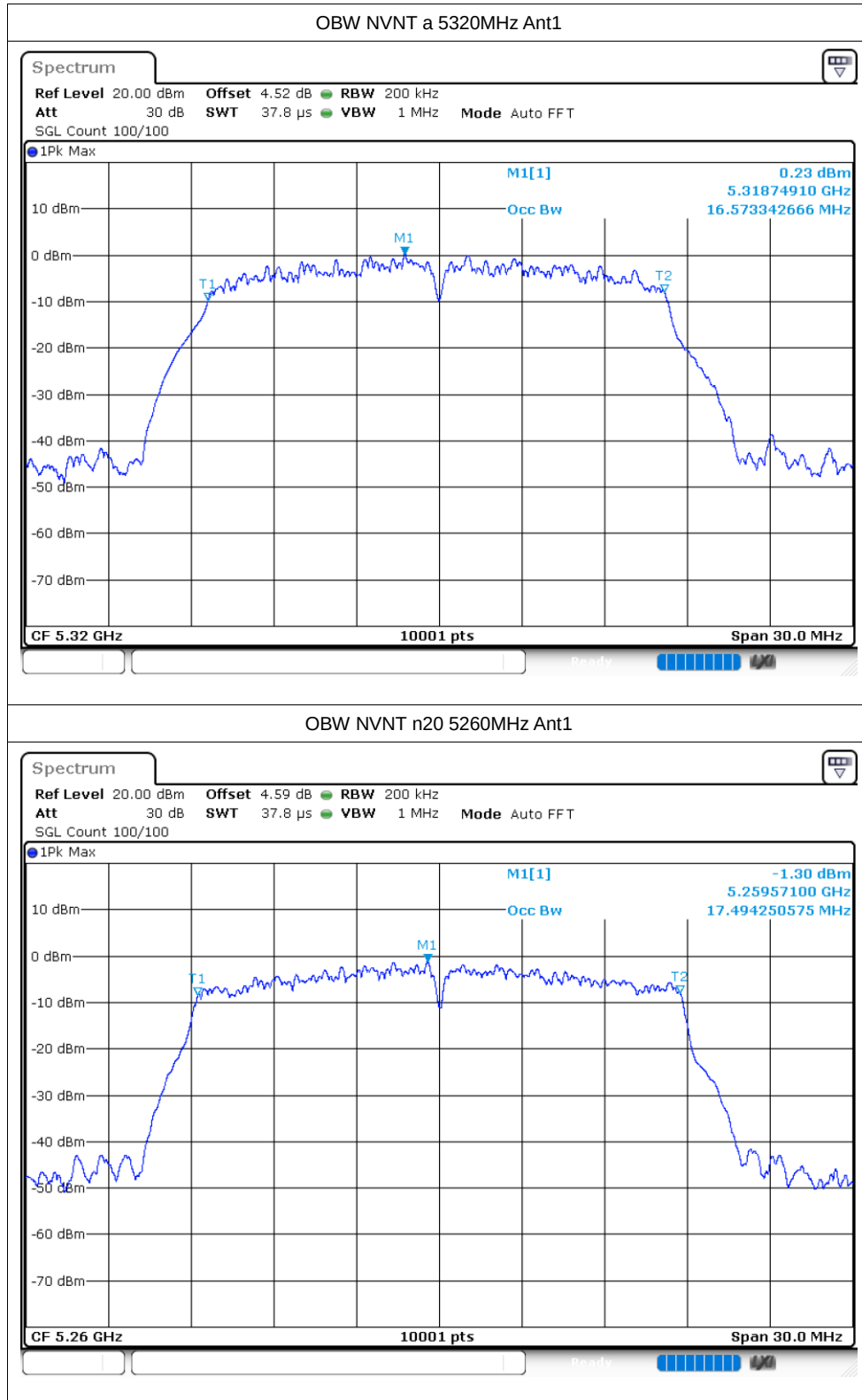
Test Graphs

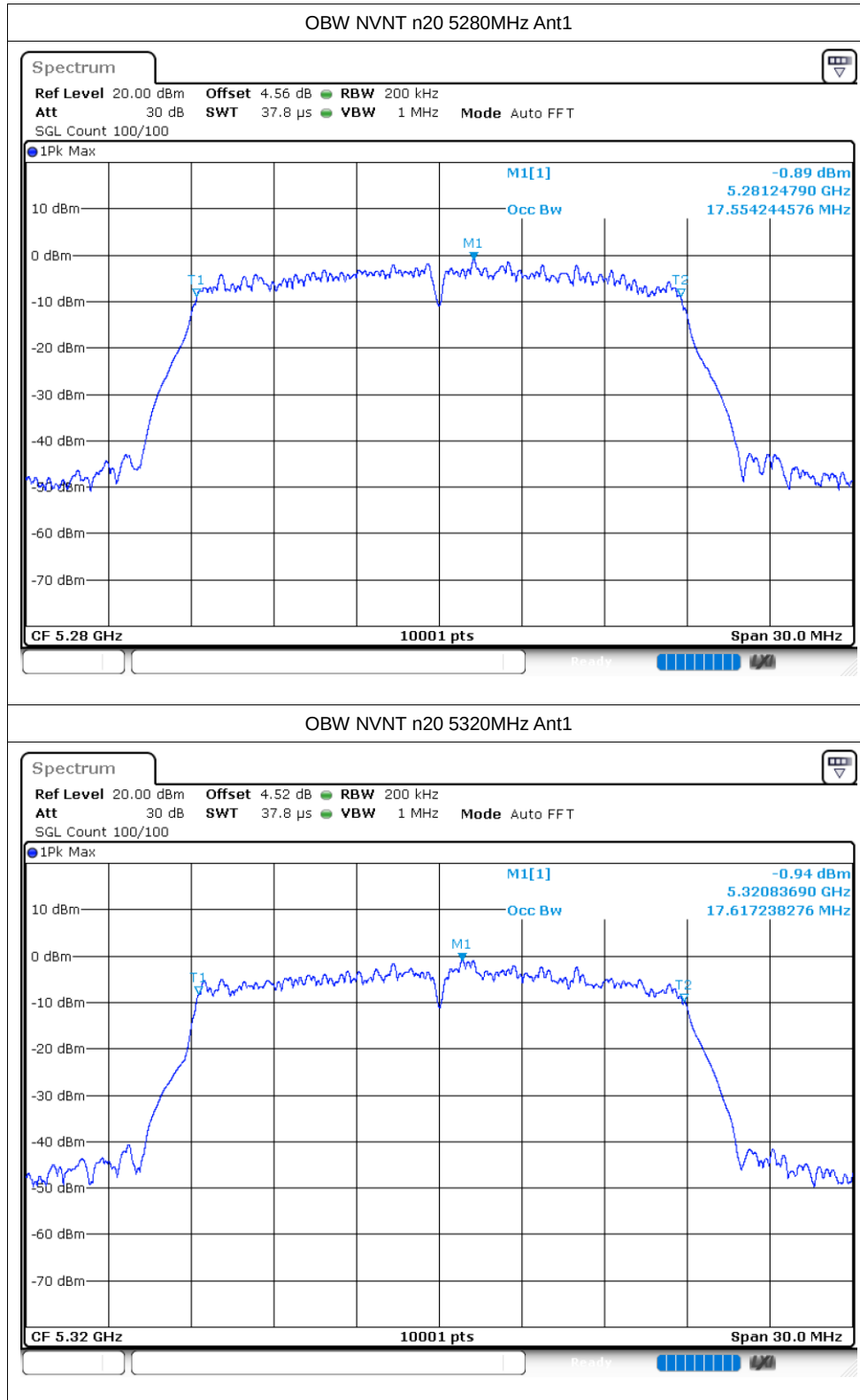
OBW NVNT a 5260MHz Ant1

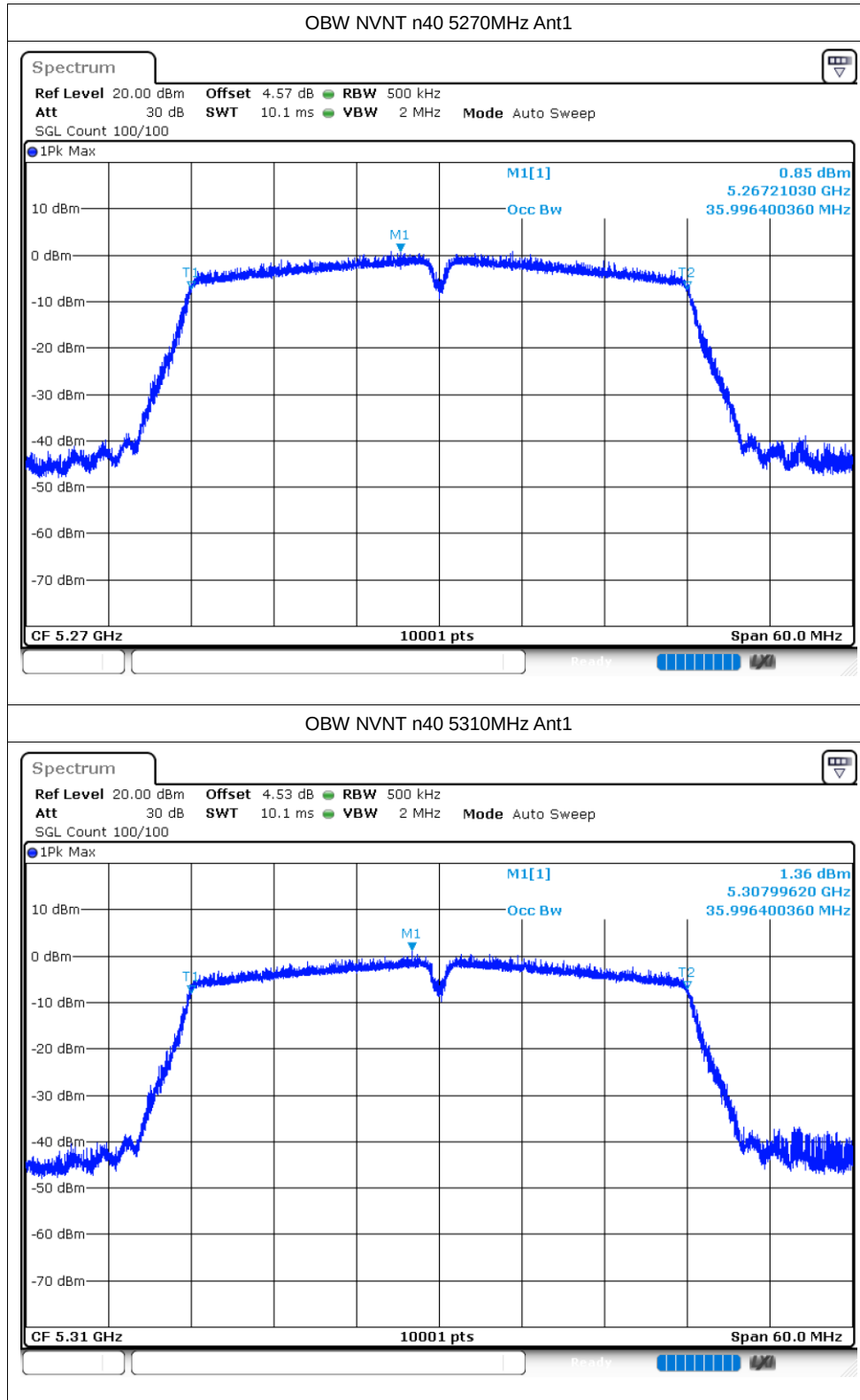


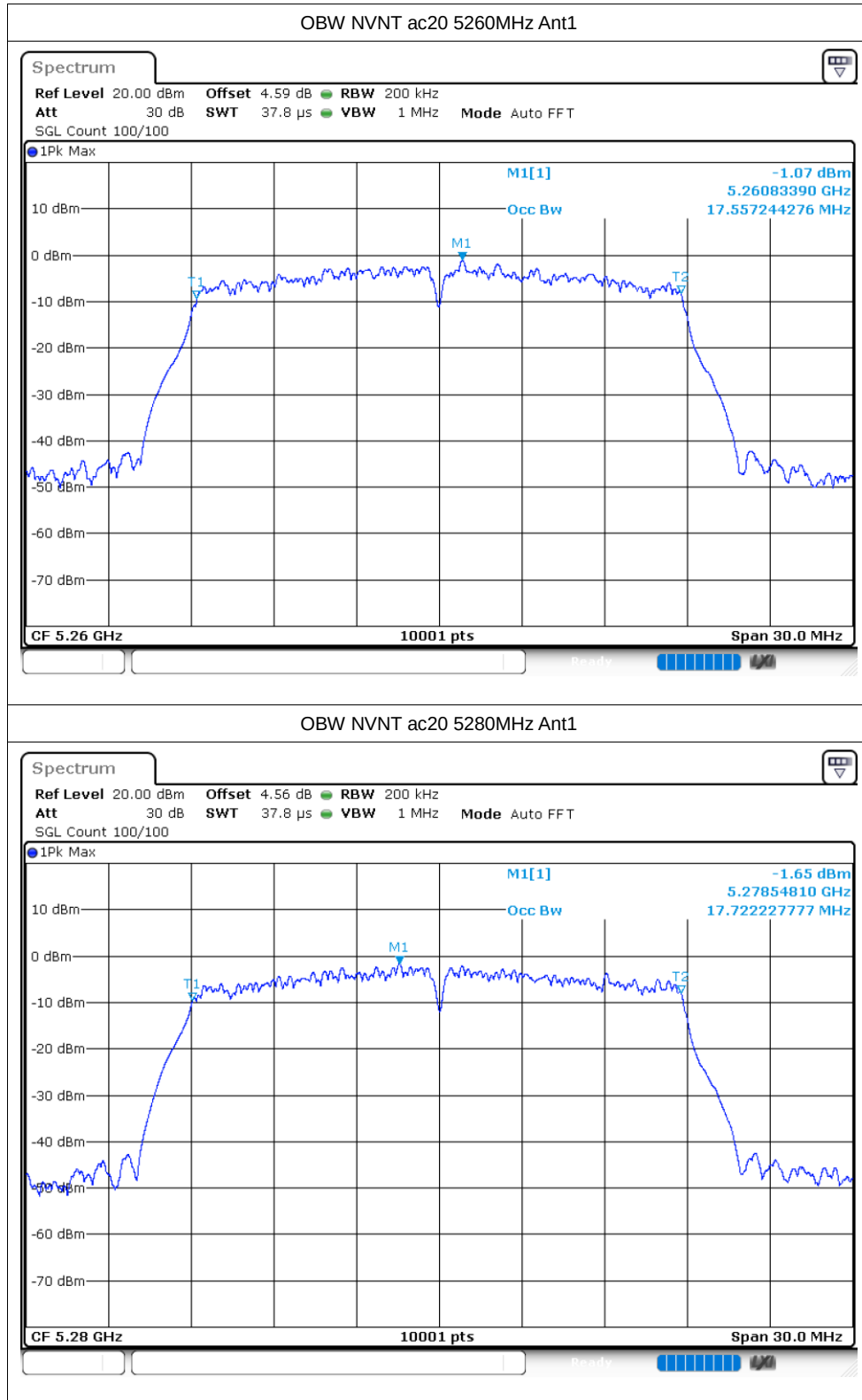
OBW NVNT a 5280MHz Ant1

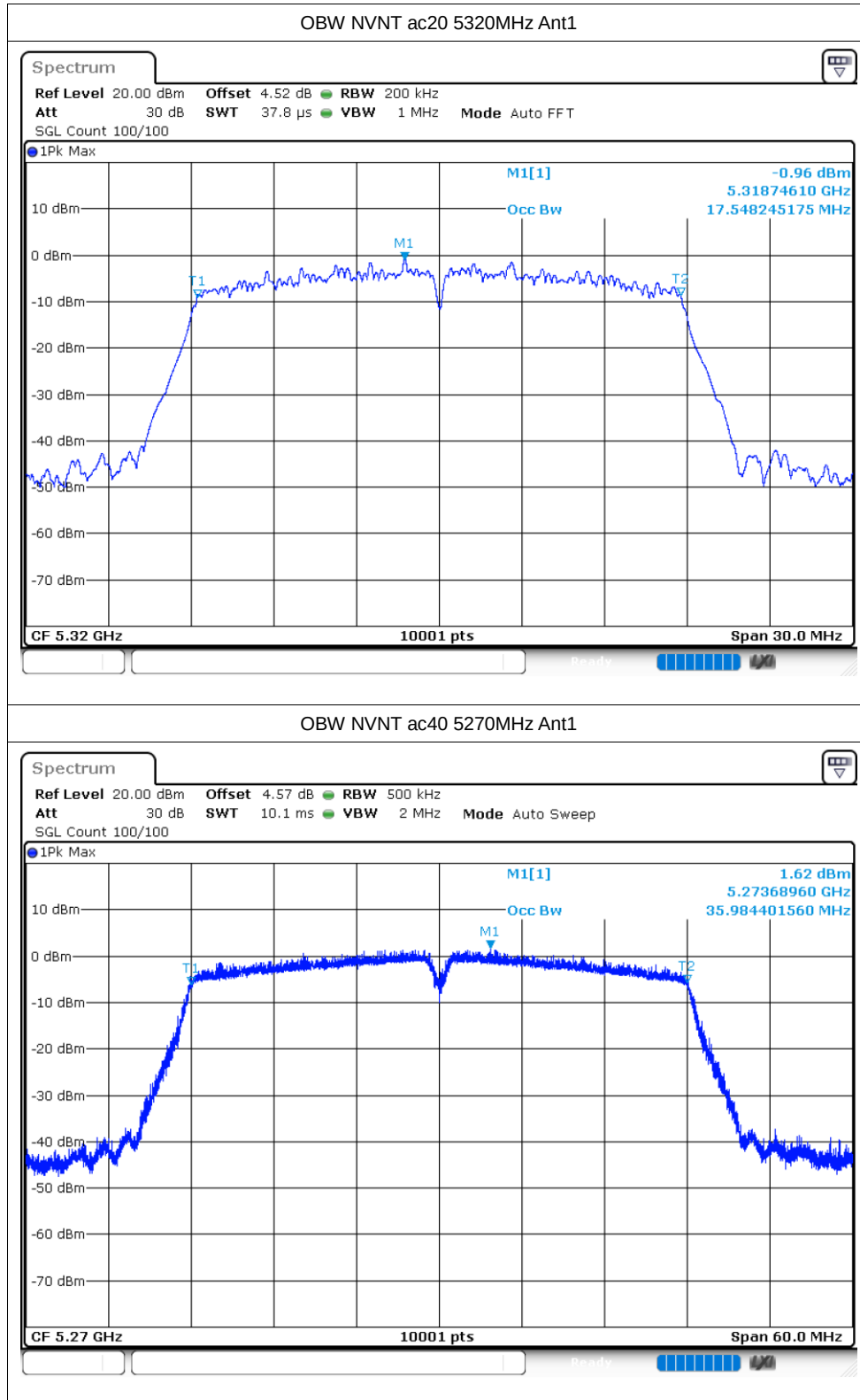


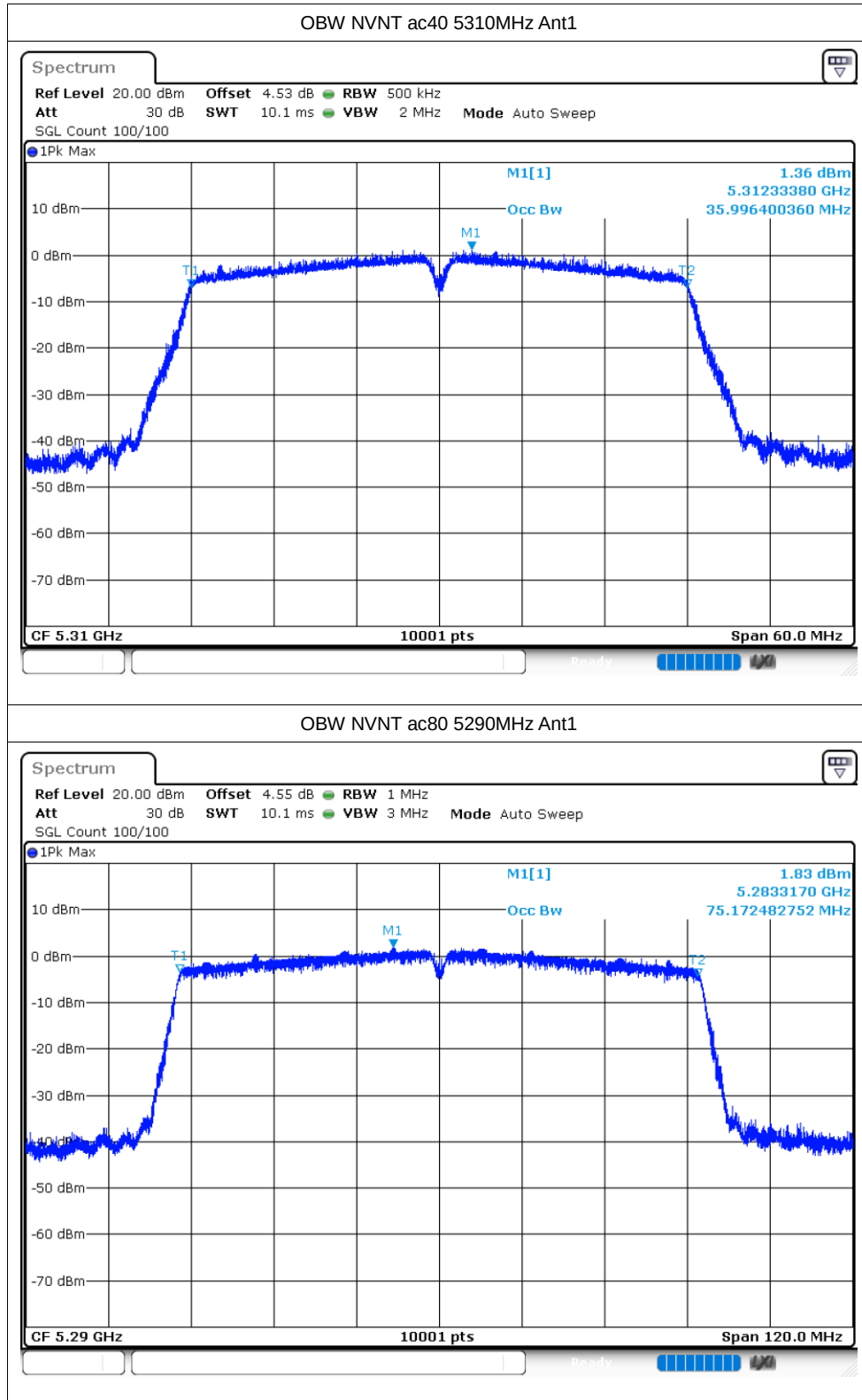










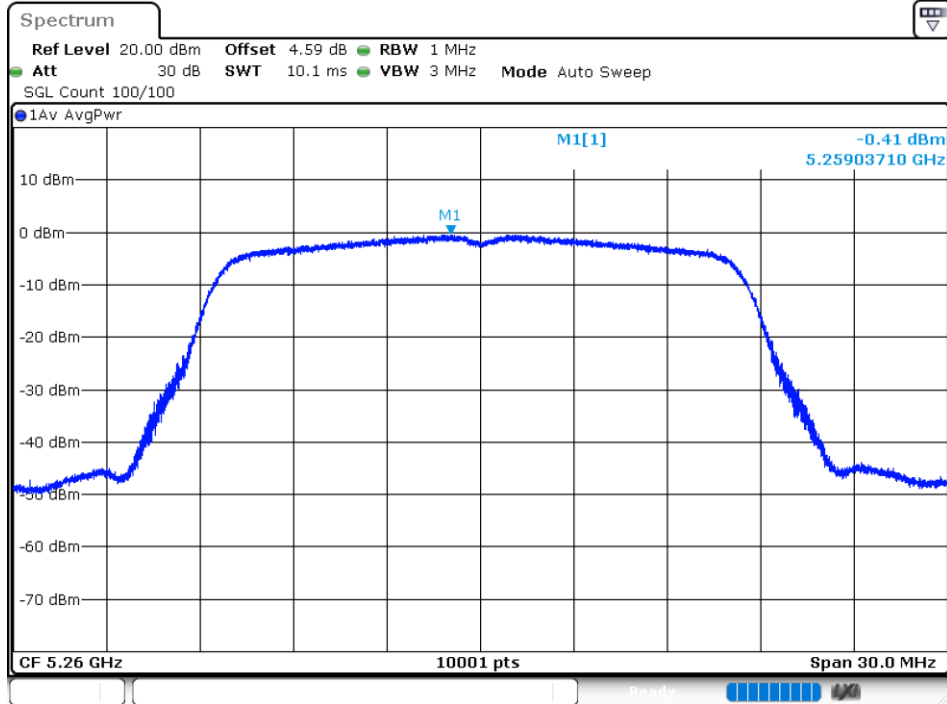


Maximum Power Spectral Density Level

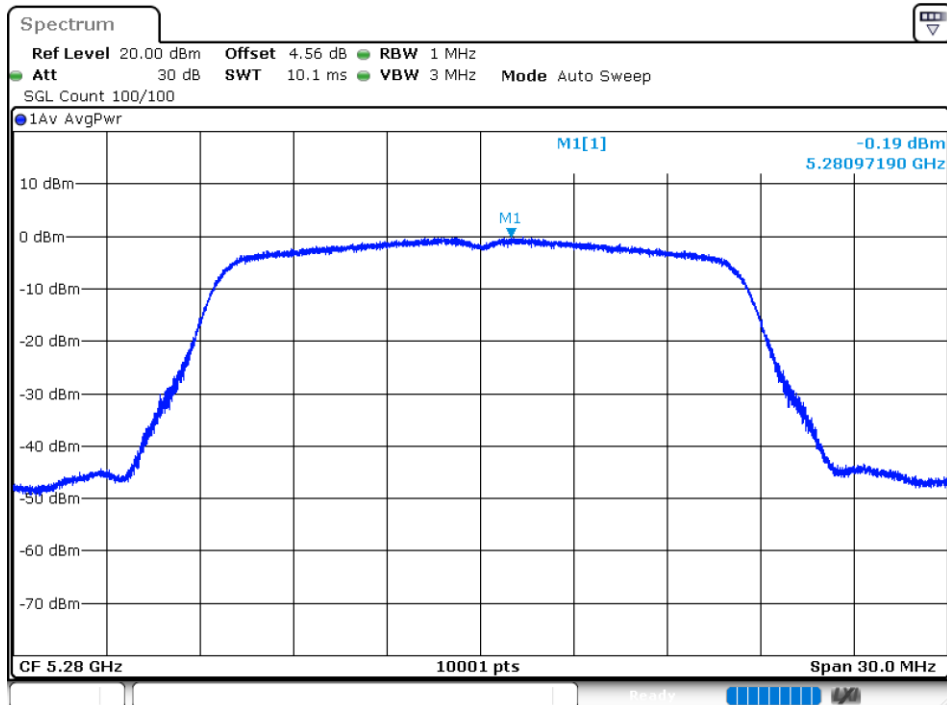
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-0.41	0.11	-0.3	11	Pass
NVNT	a	5280	Ant1	-0.19	0.11	-0.08	11	Pass
NVNT	a	5320	Ant1	-0.3	0.11	-0.19	11	Pass
NVNT	n20	5260	Ant1	-1.25	0.11	-1.14	11	Pass
NVNT	n20	5280	Ant1	-1.38	0.11	-1.27	11	Pass
NVNT	n20	5320	Ant1	-1.61	0.11	-1.5	11	Pass
NVNT	n40	5270	Ant1	-4.45	0.22	-4.23	11	Pass
NVNT	n40	5310	Ant1	-4.92	0.22	-4.7	11	Pass
NVNT	ac20	5260	Ant1	-1.37	0.11	-1.26	11	Pass
NVNT	ac20	5280	Ant1	-1.35	0.11	-1.24	11	Pass
NVNT	ac20	5320	Ant1	-1.58	0.11	-1.47	11	Pass
NVNT	ac40	5270	Ant1	-3.5	0.22	-3.28	11	Pass
NVNT	ac40	5310	Ant1	-4.19	0.22	-3.97	11	Pass
NVNT	ac80	5290	Ant1	-7.34	0.43	-6.91	11	Pass

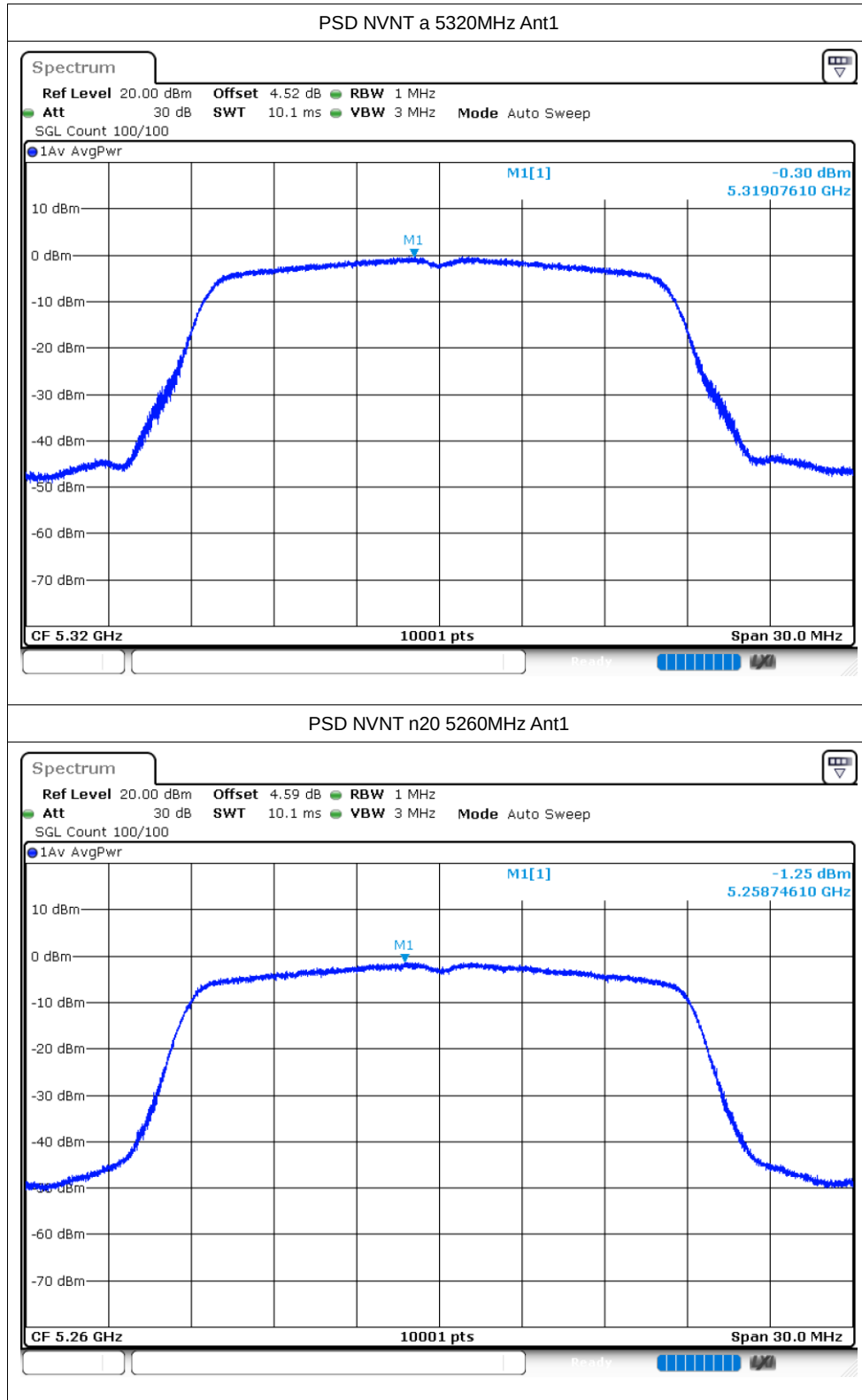
Test Graphs

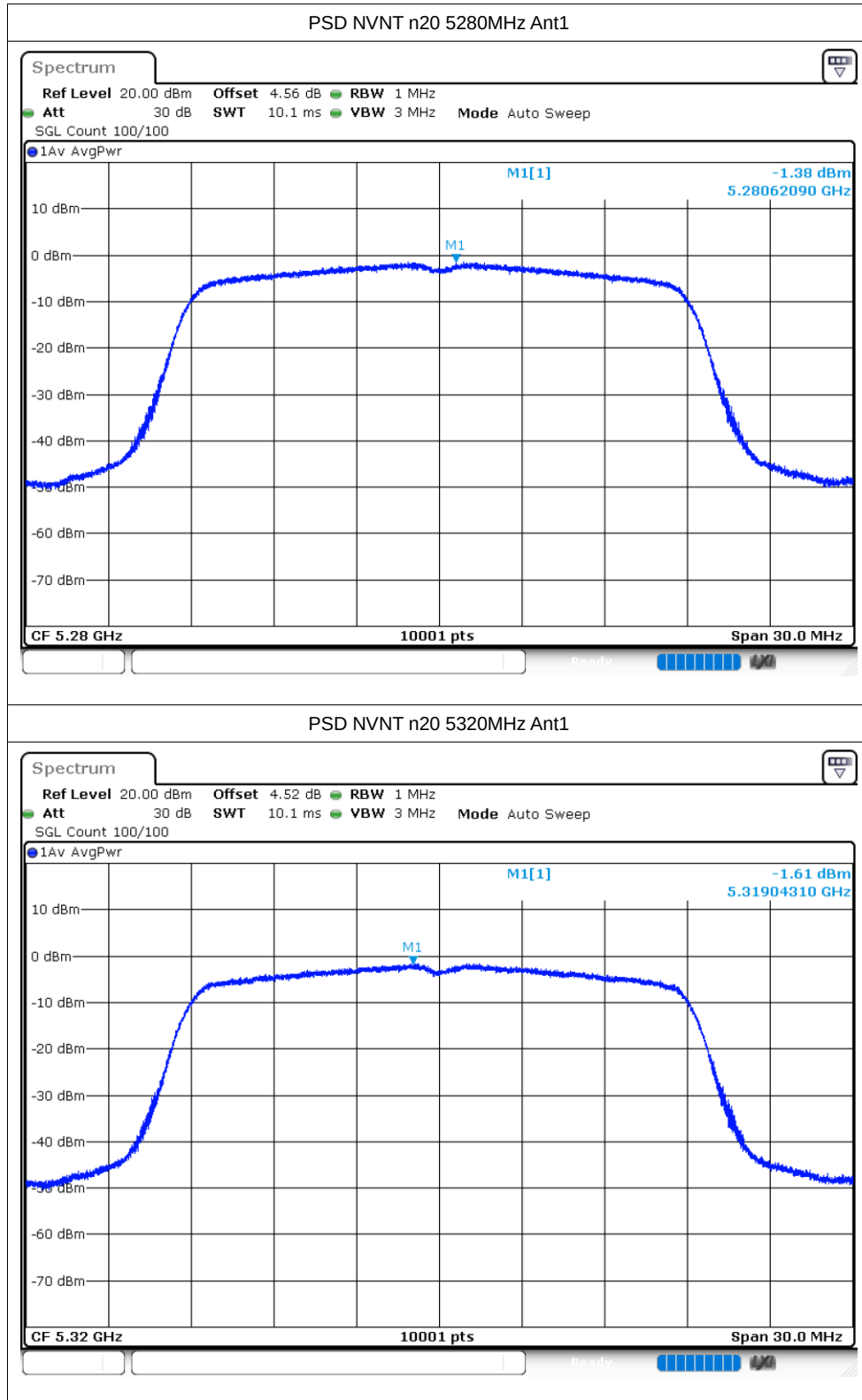
PSD NVNT a 5260MHz Ant1

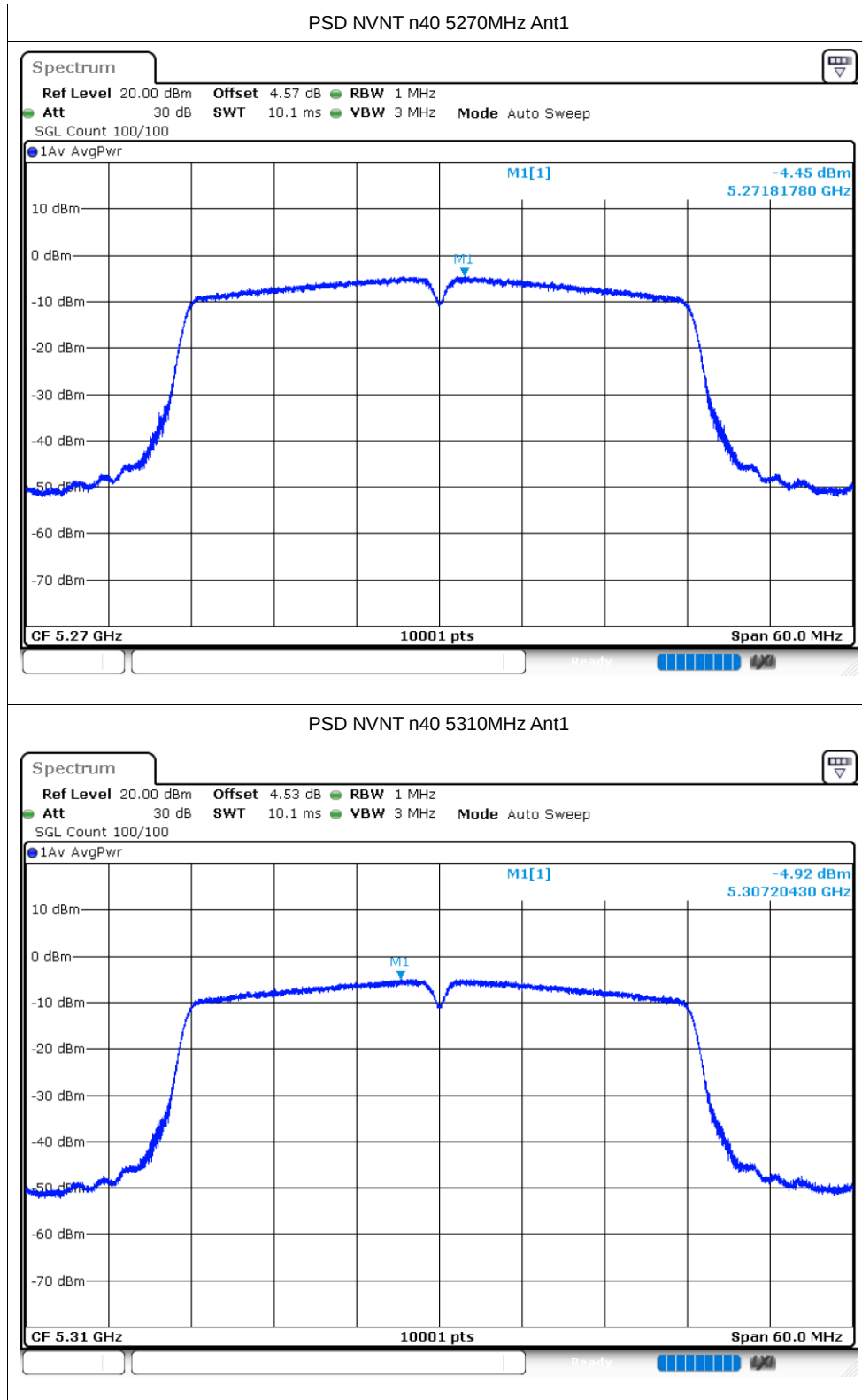


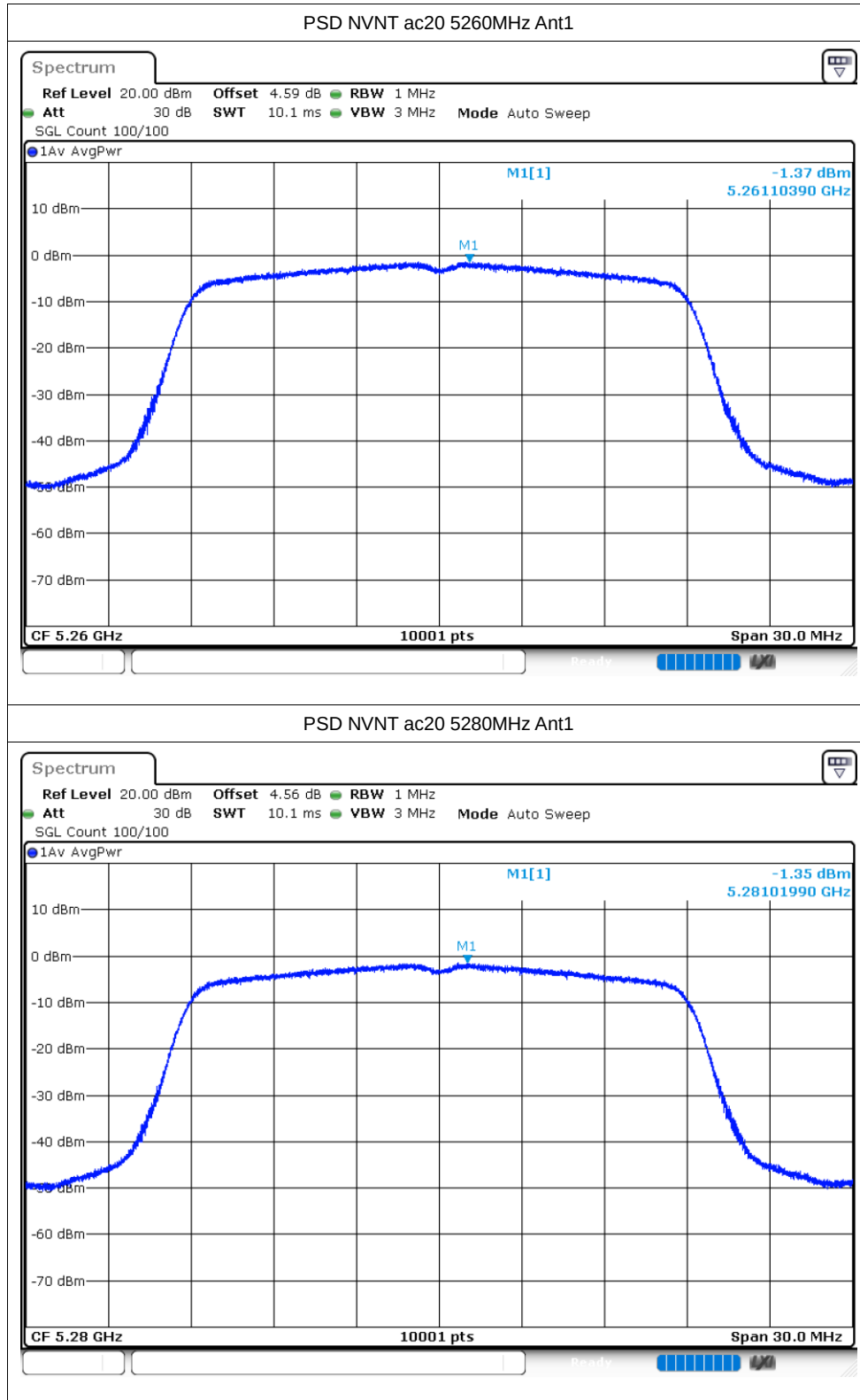
PSD NVNT a 5280MHz Ant1

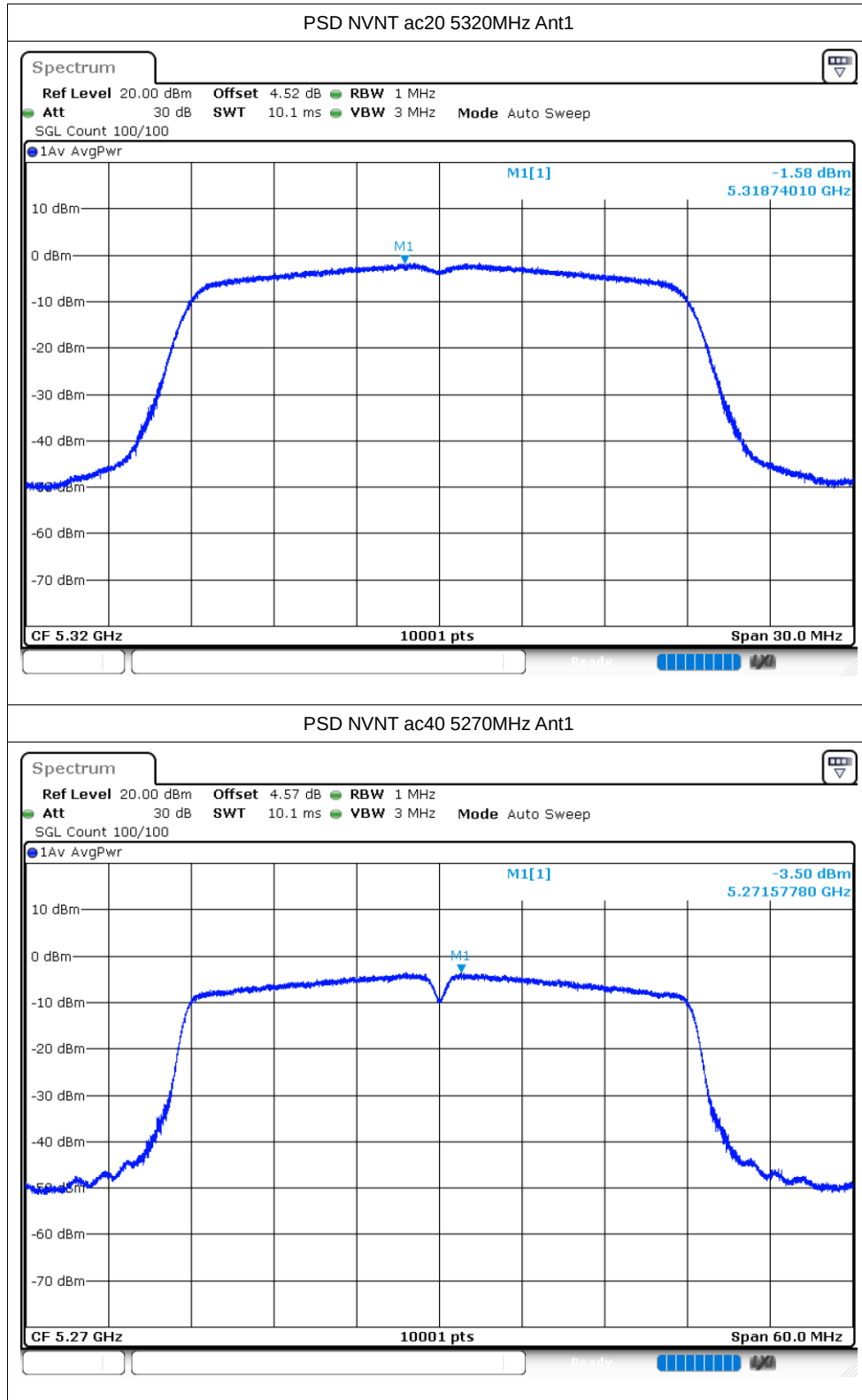


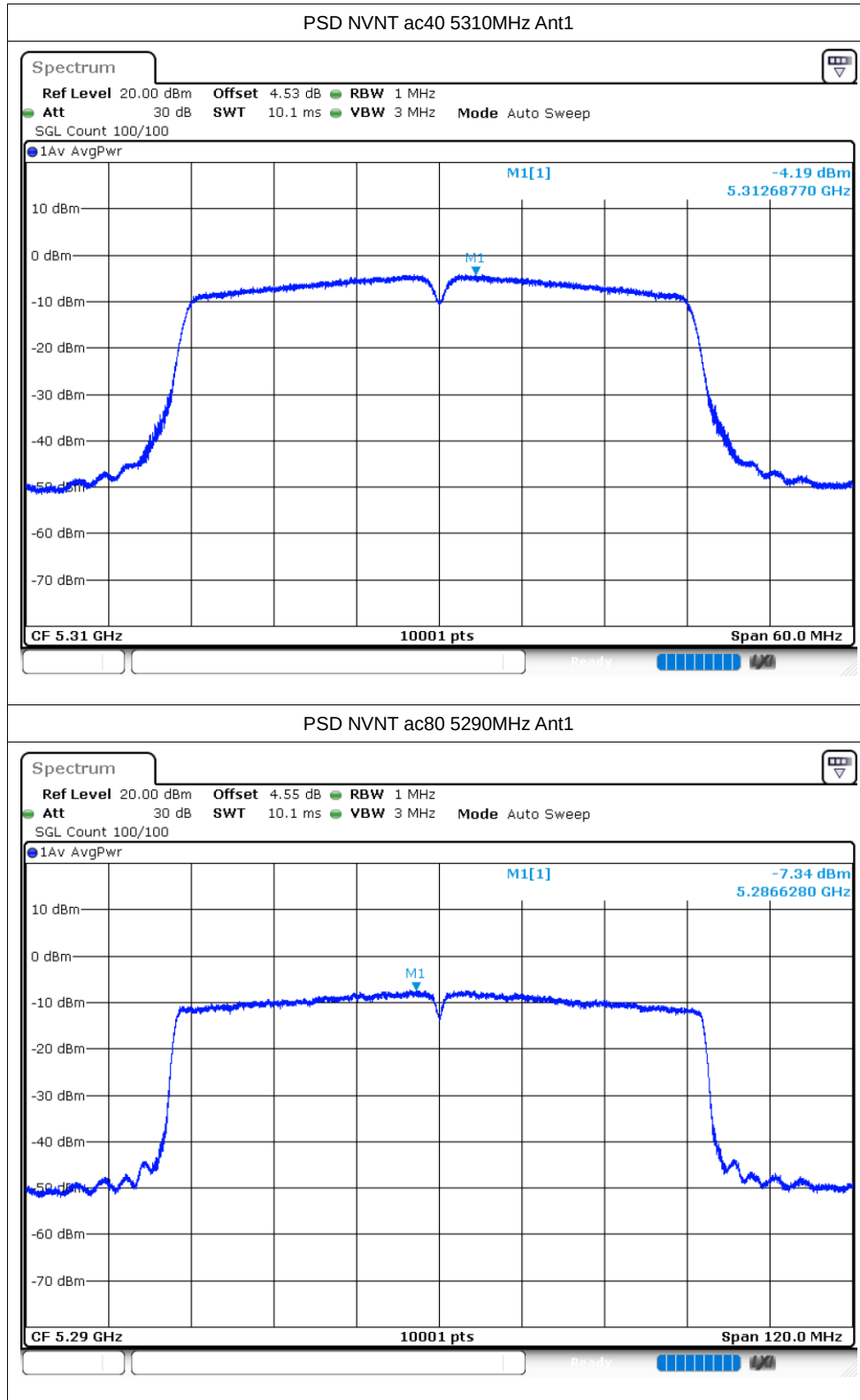












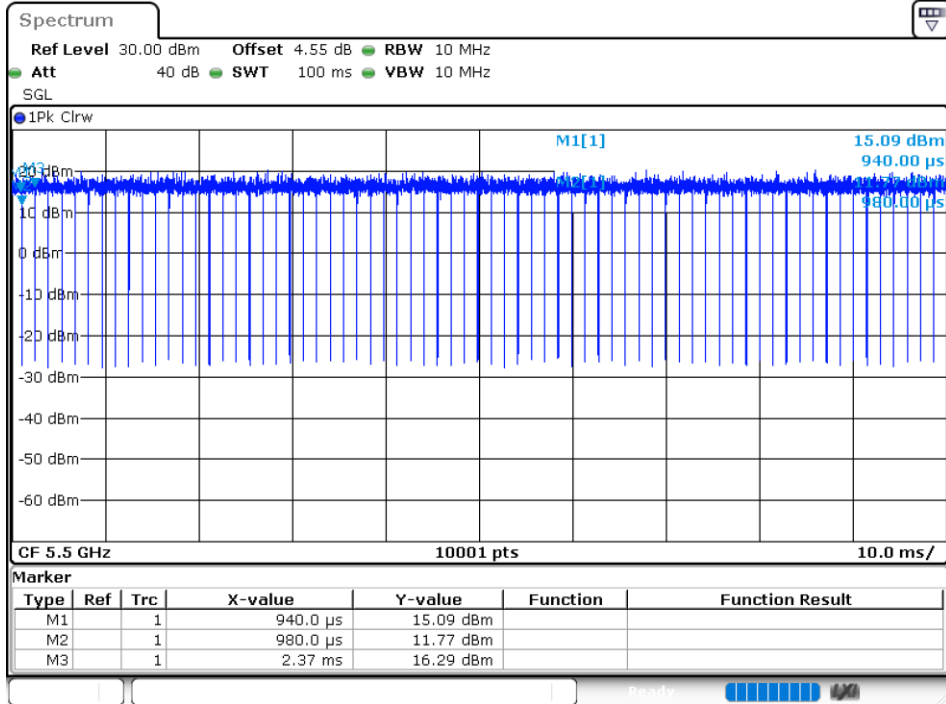
5.6G WIFI

Duty Cycle

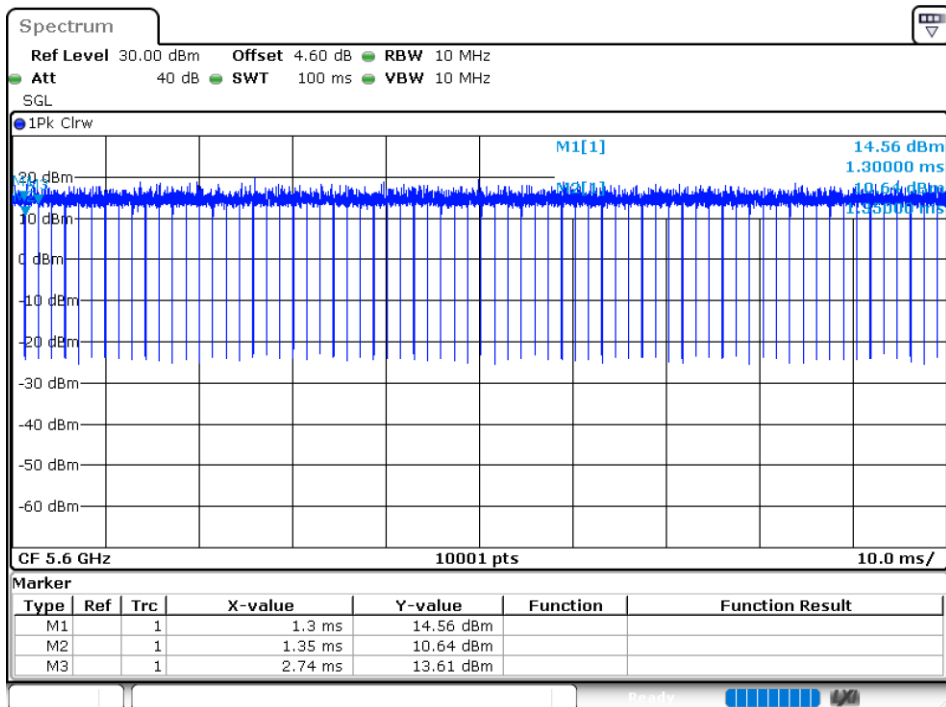
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	97.6	0.11	0.72
NVNT	a	5600	Ant1	97.61	0.11	0.72
NVNT	a	5700	Ant1	97.59	0.11	0.72
NVNT	n20	5500	Ant1	97.45	0.11	0.77
NVNT	n20	5600	Ant1	97.45	0.11	0.77
NVNT	n20	5700	Ant1	97.44	0.11	0.77
NVNT	n40	5510	Ant1	95.06	0.22	1.54
NVNT	n40	5590	Ant1	95.03	0.22	1.56
NVNT	n40	5670	Ant1	95.02	0.22	1.56
NVNT	ac20	5500	Ant1	97.39	0.11	0.77
NVNT	ac20	5600	Ant1	97.41	0.11	0.77
NVNT	ac20	5700	Ant1	97.45	0.11	0.77
NVNT	ac40	5510	Ant1	95.07	0.22	1.54
NVNT	ac40	5590	Ant1	95.08	0.22	1.54
NVNT	ac40	5670	Ant1	95.05	0.22	1.54
NVNT	ac80	5530	Ant1	90.42	0.44	3.13
NVNT	ac80	5610	Ant1	97.46	0.11	0.95

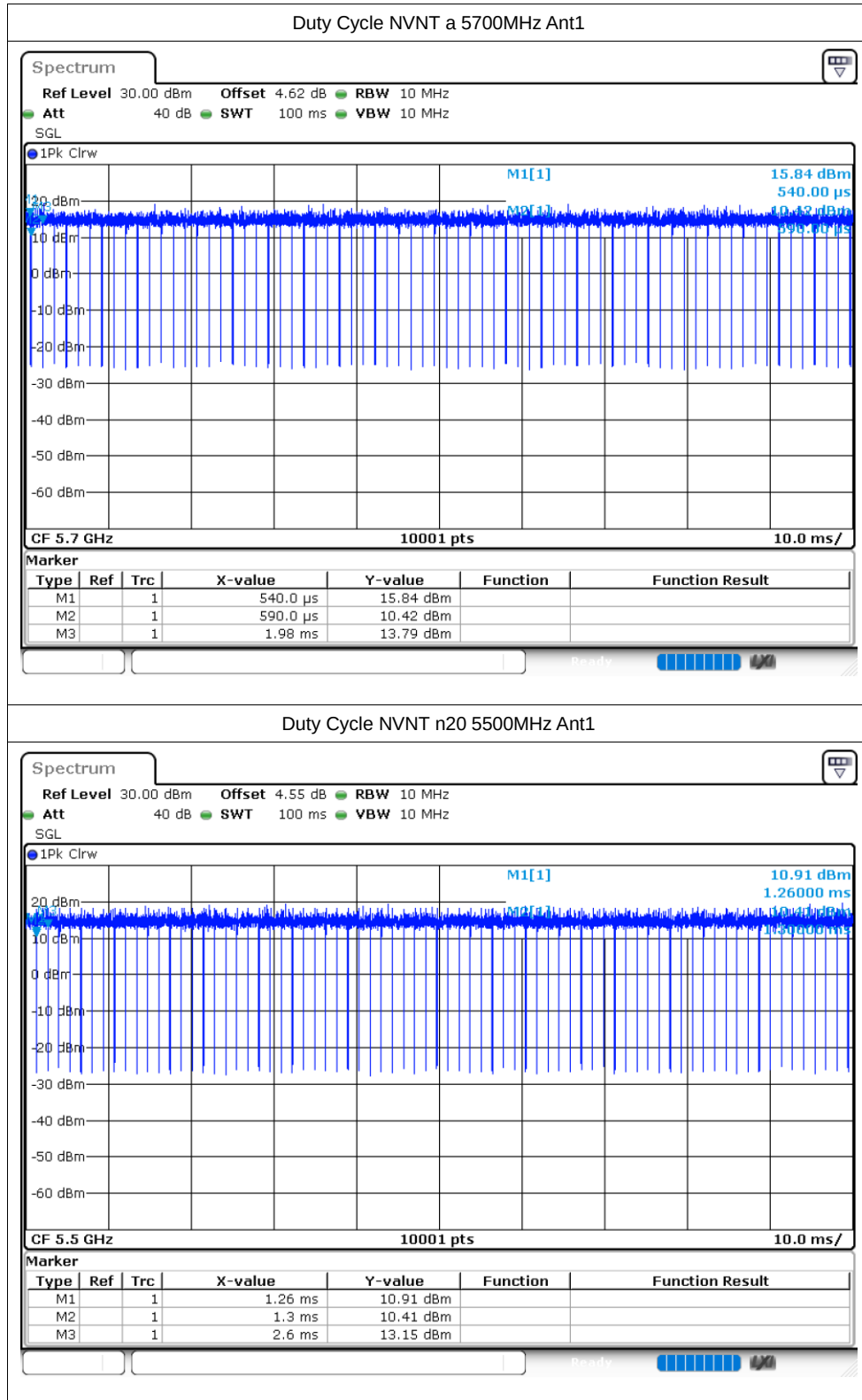
Test Graphs

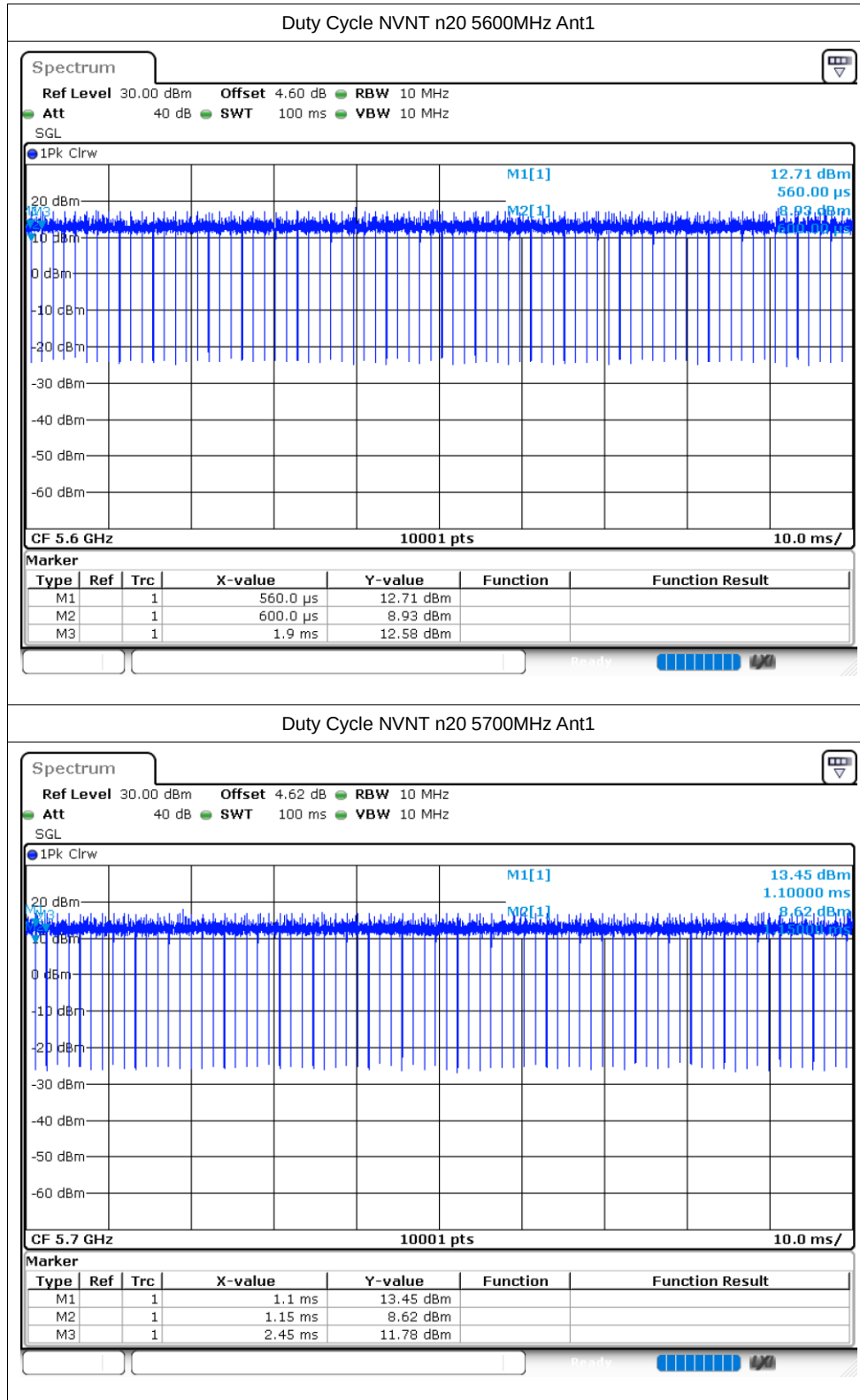
Duty Cycle NVNT a 5500MHz Ant1

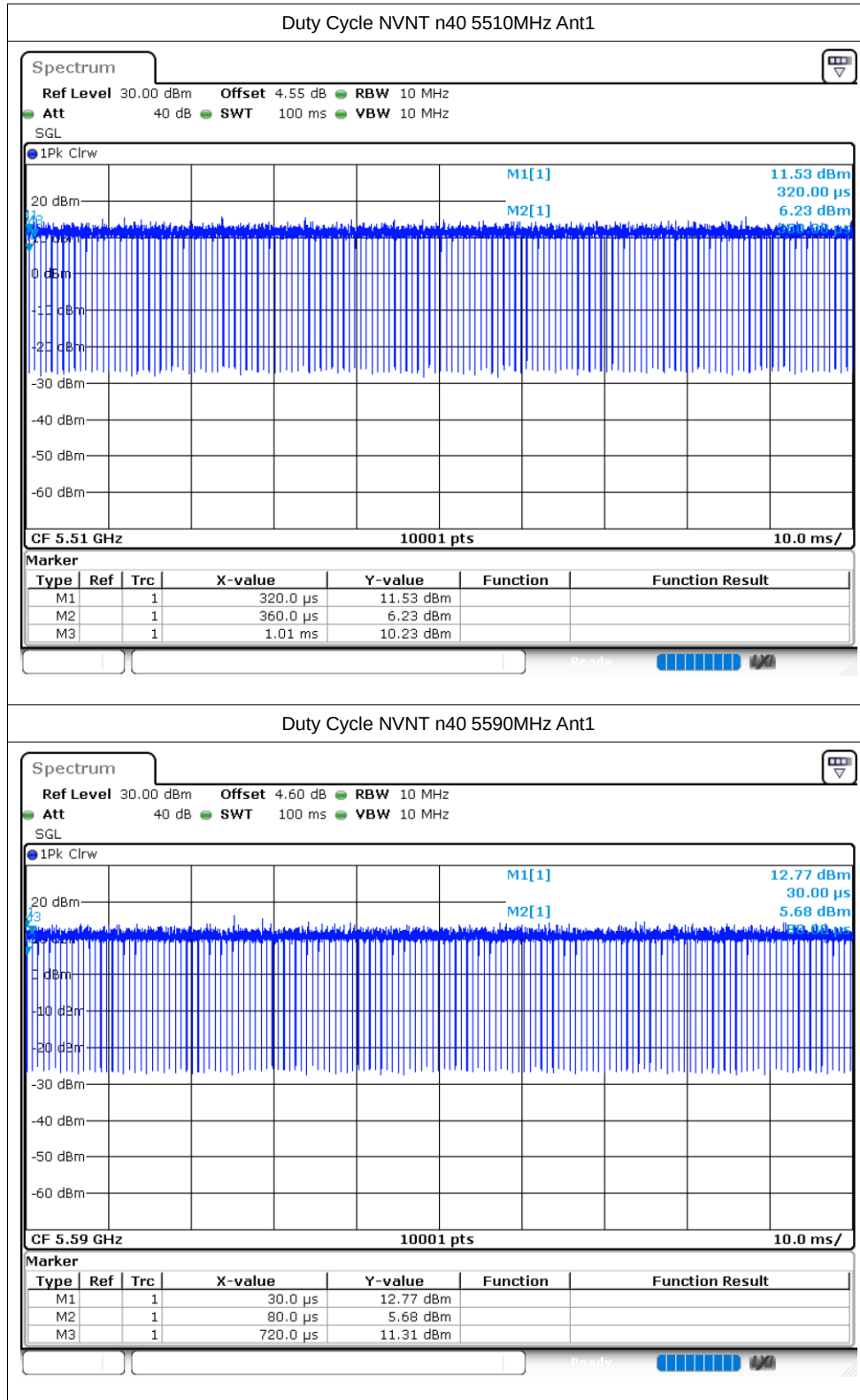


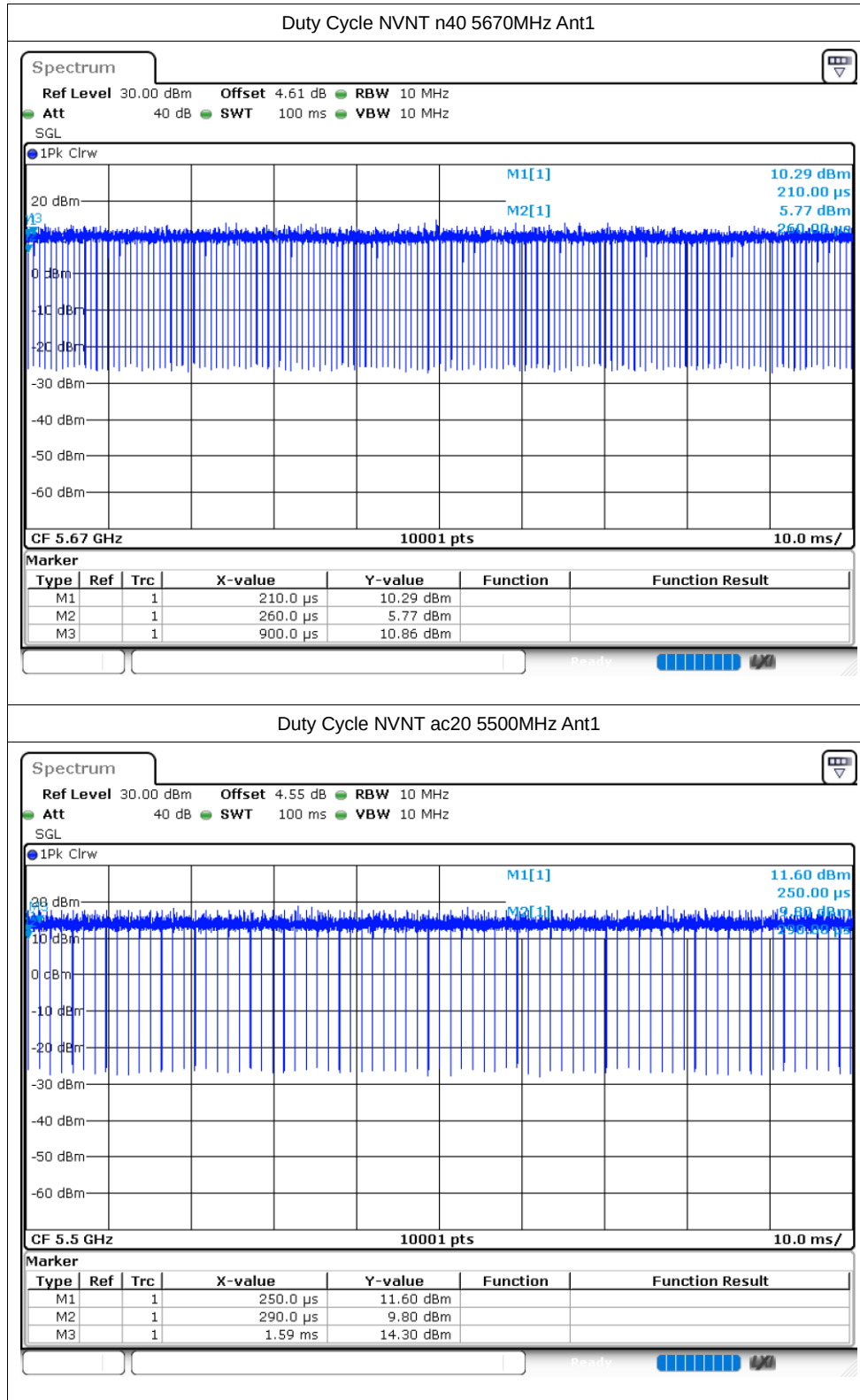
Duty Cycle NVNT a 5600MHz Ant1



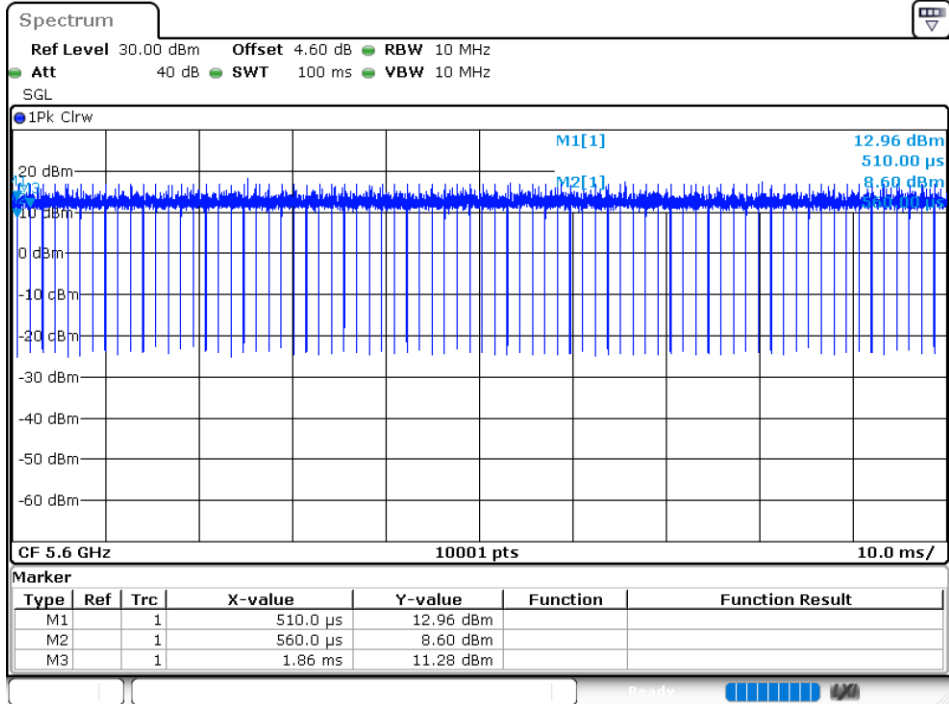




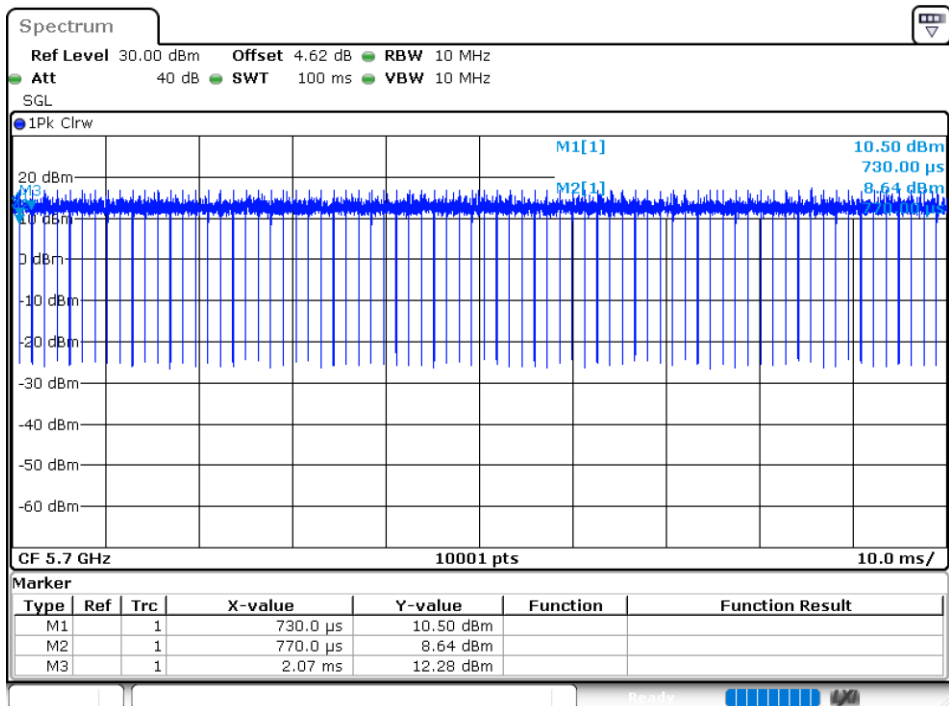


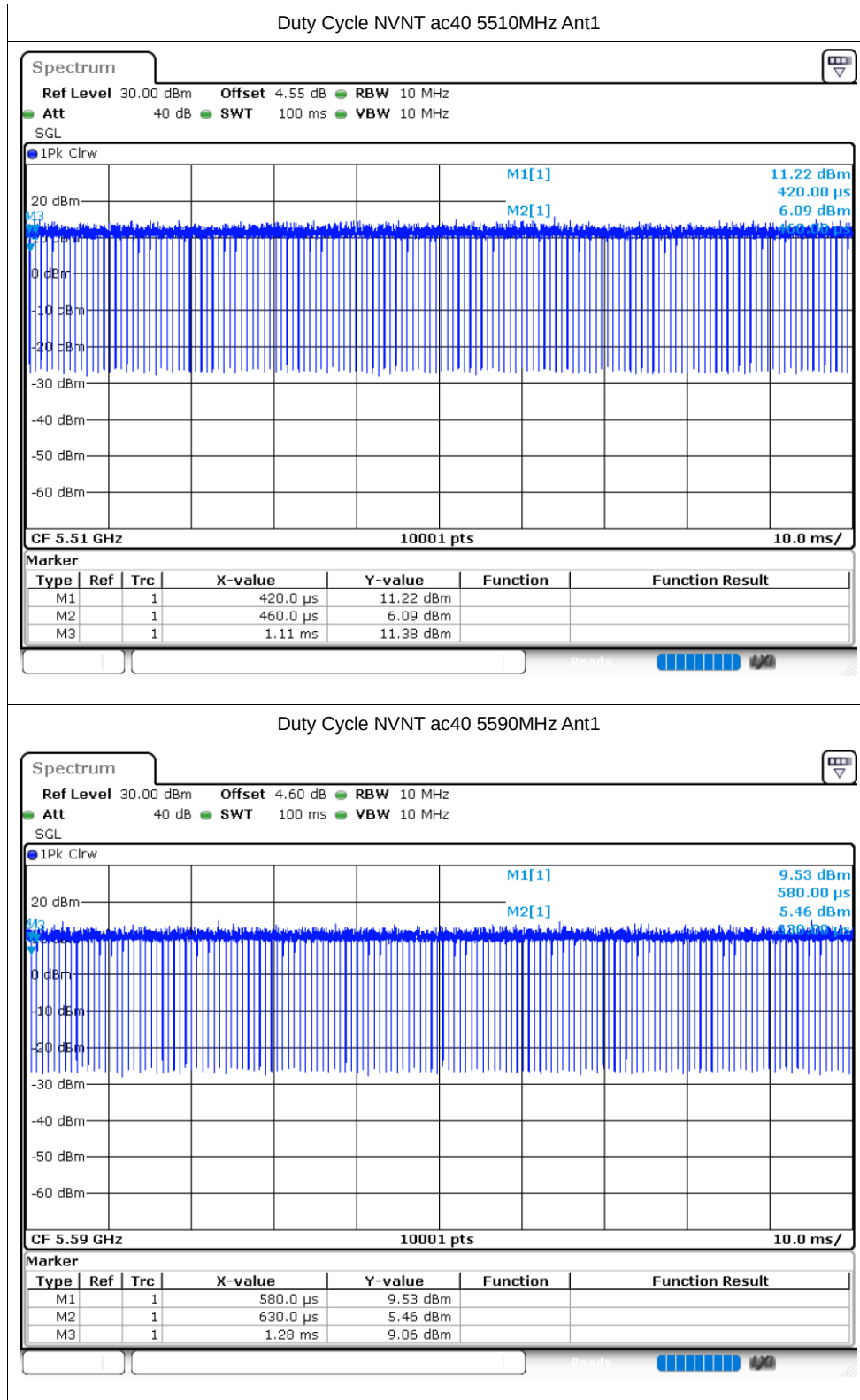


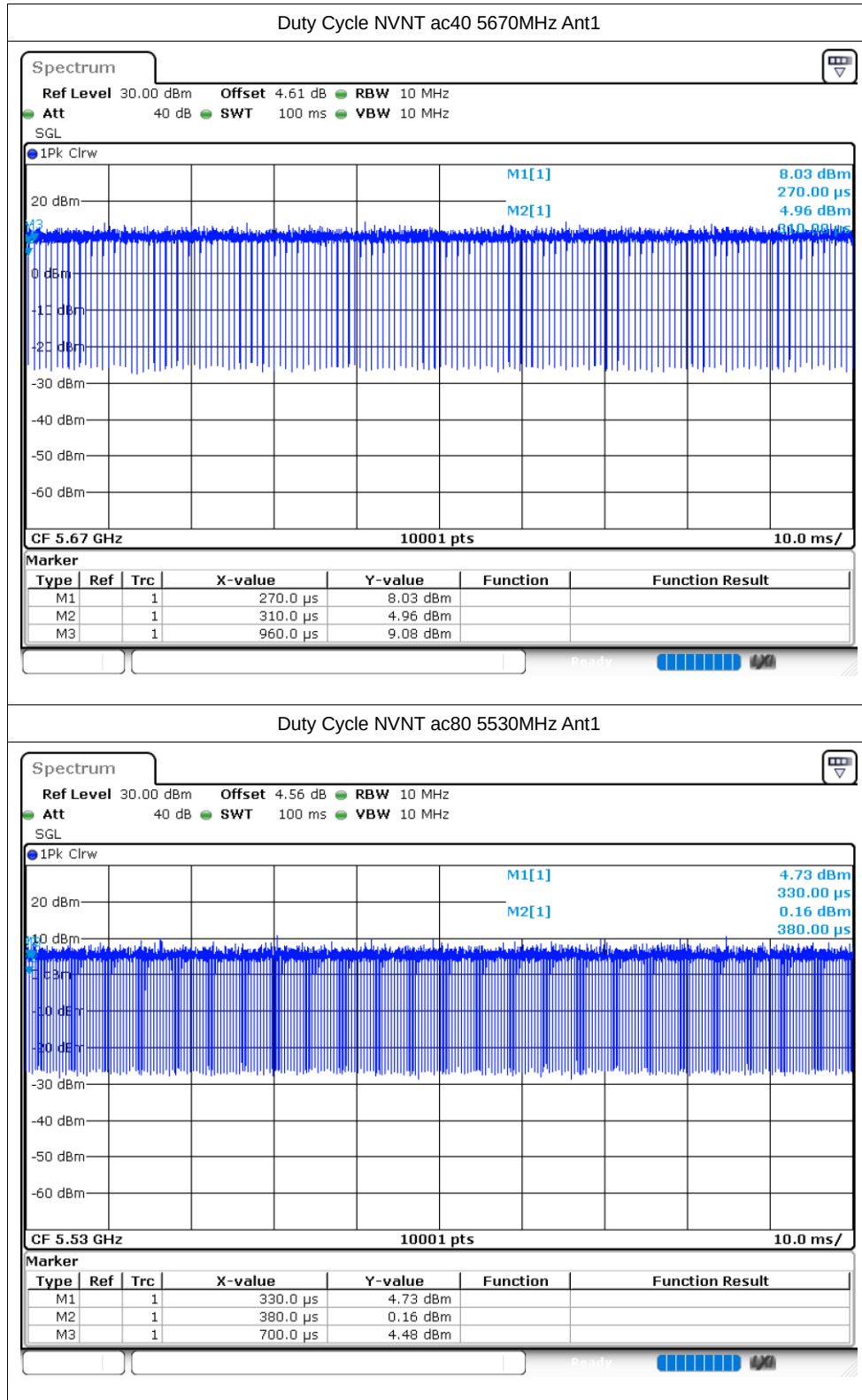
Duty Cycle NVNT ac20 5600MHz Ant1

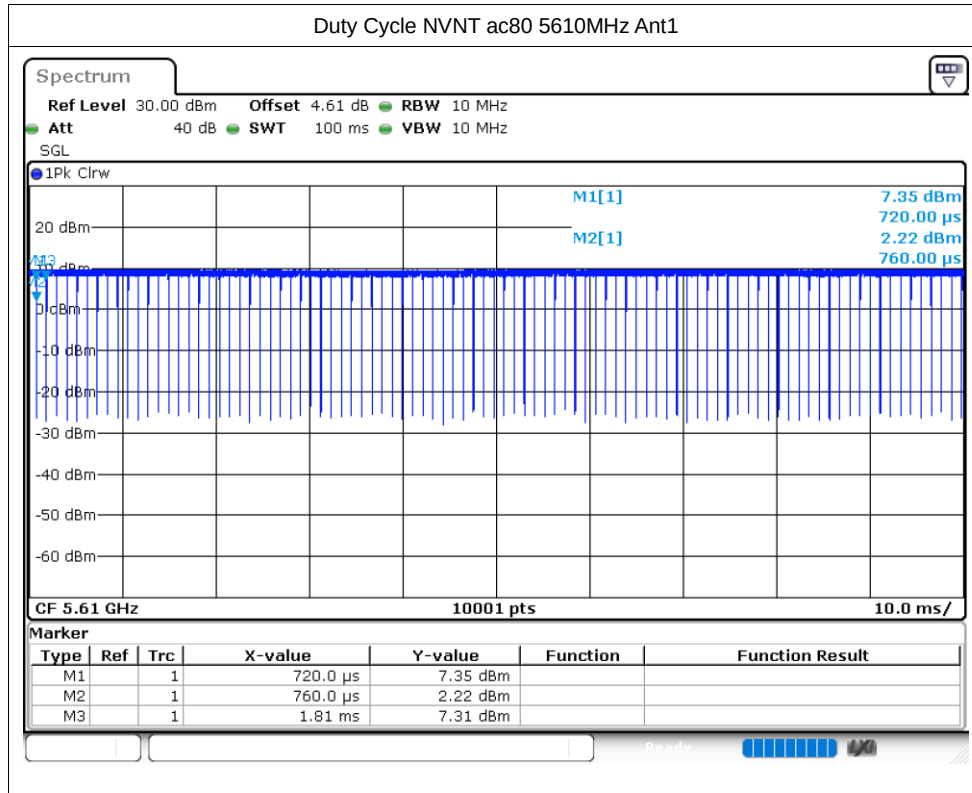


Duty Cycle NVNT ac20 5700MHz Ant1









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.39	24	Pass
NVNT	a	5600	Ant1	9.32	24	Pass
NVNT	a	5700	Ant1	9.11	24	Pass
NVNT	n20	5500	Ant1	8.41	24	Pass
NVNT	n20	5600	Ant1	7.73	24	Pass
NVNT	n20	5700	Ant1	7.31	24	Pass
NVNT	n40	5510	Ant1	8.61	24	Pass
NVNT	n40	5590	Ant1	7.76	24	Pass
NVNT	n40	5670	Ant1	7.45	24	Pass
NVNT	ac20	5500	Ant1	8.65	24	Pass
NVNT	ac20	5600	Ant1	7.93	24	Pass
NVNT	ac20	5700	Ant1	7.56	24	Pass
NVNT	ac40	5510	Ant1	8.93	24	Pass
NVNT	ac40	5590	Ant1	8.02	24	Pass
NVNT	ac40	5670	Ant1	7.54	24	Pass
NVNT	ac80	5530	Ant1	6.87	24	Pass
NVNT	ac80	5610	Ant1	5.79	24	Pass

Note: The Duty Cycle factor has already been included.

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.121	0.5	Pass
NVNT	a	5600	Ant1	19.281	0.5	Pass
NVNT	a	5700	Ant1	19.44	0.5	Pass
NVNT	n20	5500	Ant1	20.286	0.5	Pass
NVNT	n20	5600	Ant1	19.887	0.5	Pass
NVNT	n20	5700	Ant1	20.361	0.5	Pass
NVNT	n40	5510	Ant1	40.446	0.5	Pass
NVNT	n40	5590	Ant1	40.476	0.5	Pass
NVNT	n40	5670	Ant1	40.494	0.5	Pass
NVNT	ac20	5500	Ant1	20.316	0.5	Pass
NVNT	ac20	5600	Ant1	20.121	0.5	Pass
NVNT	ac20	5700	Ant1	20.076	0.5	Pass
NVNT	ac40	5510	Ant1	40.764	0.5	Pass
NVNT	ac40	5590	Ant1	40.542	0.5	Pass
NVNT	ac40	5670	Ant1	40.71	0.5	Pass
NVNT	ac80	5530	Ant1	81.108	0.5	Pass
NVNT	ac80	5610	Ant1	84.588	0.5	Pass

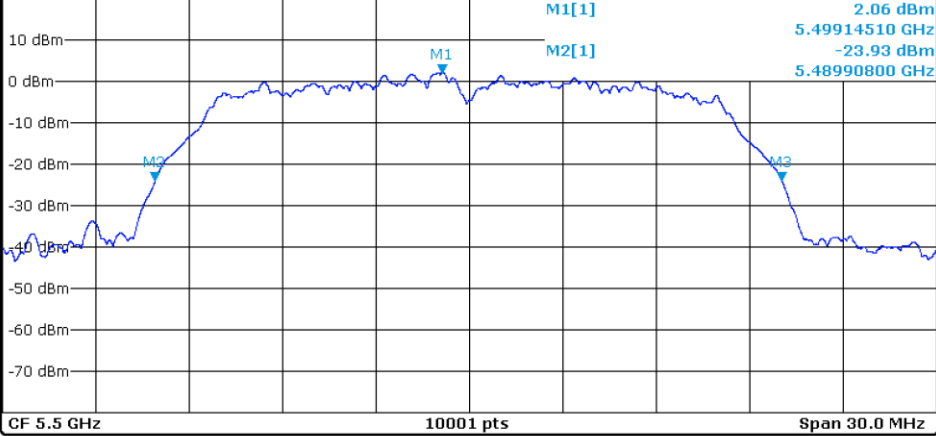
Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.55 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

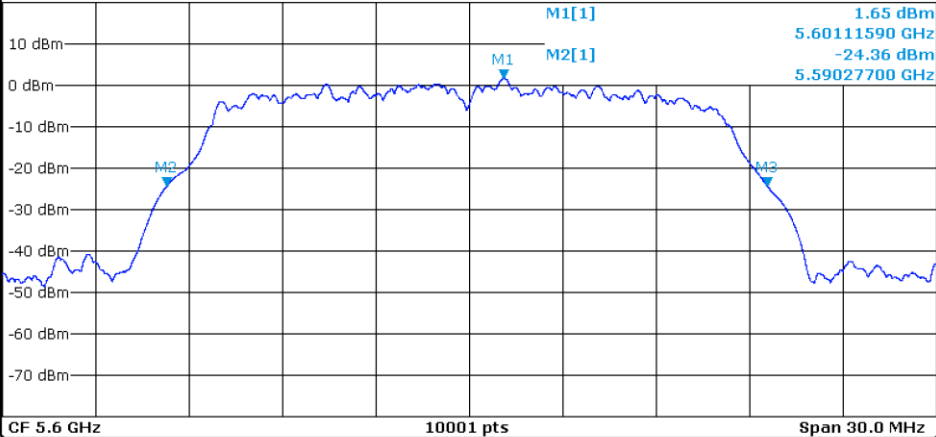


-26dB Bandwidth NVNT a 5600MHz Ant1

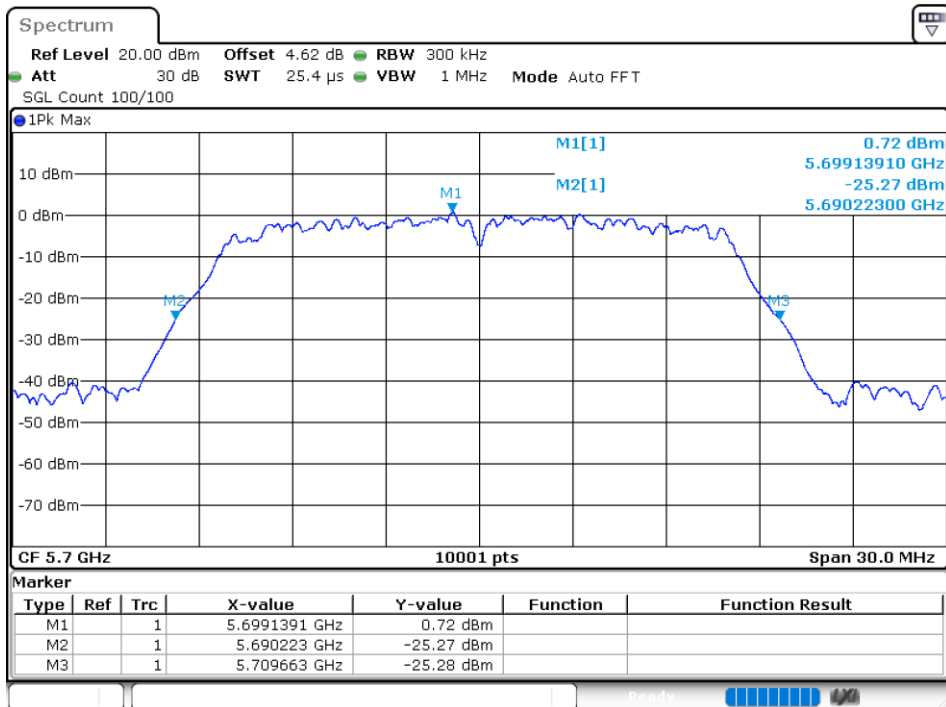
Spectrum

Ref Level 20.00 dBm Offset 4.60 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

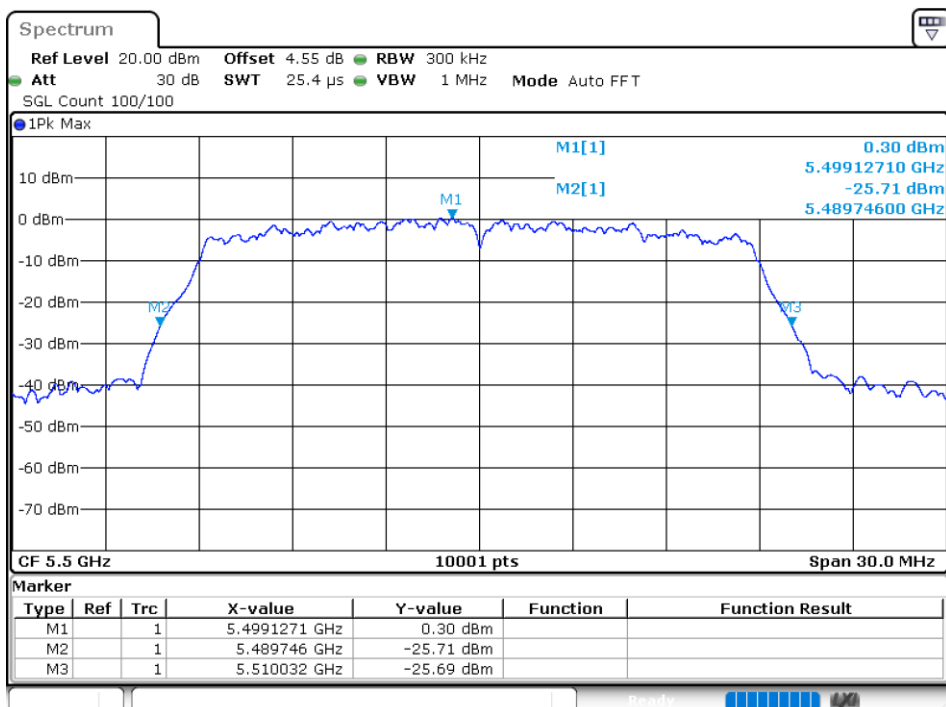
1Pk Max

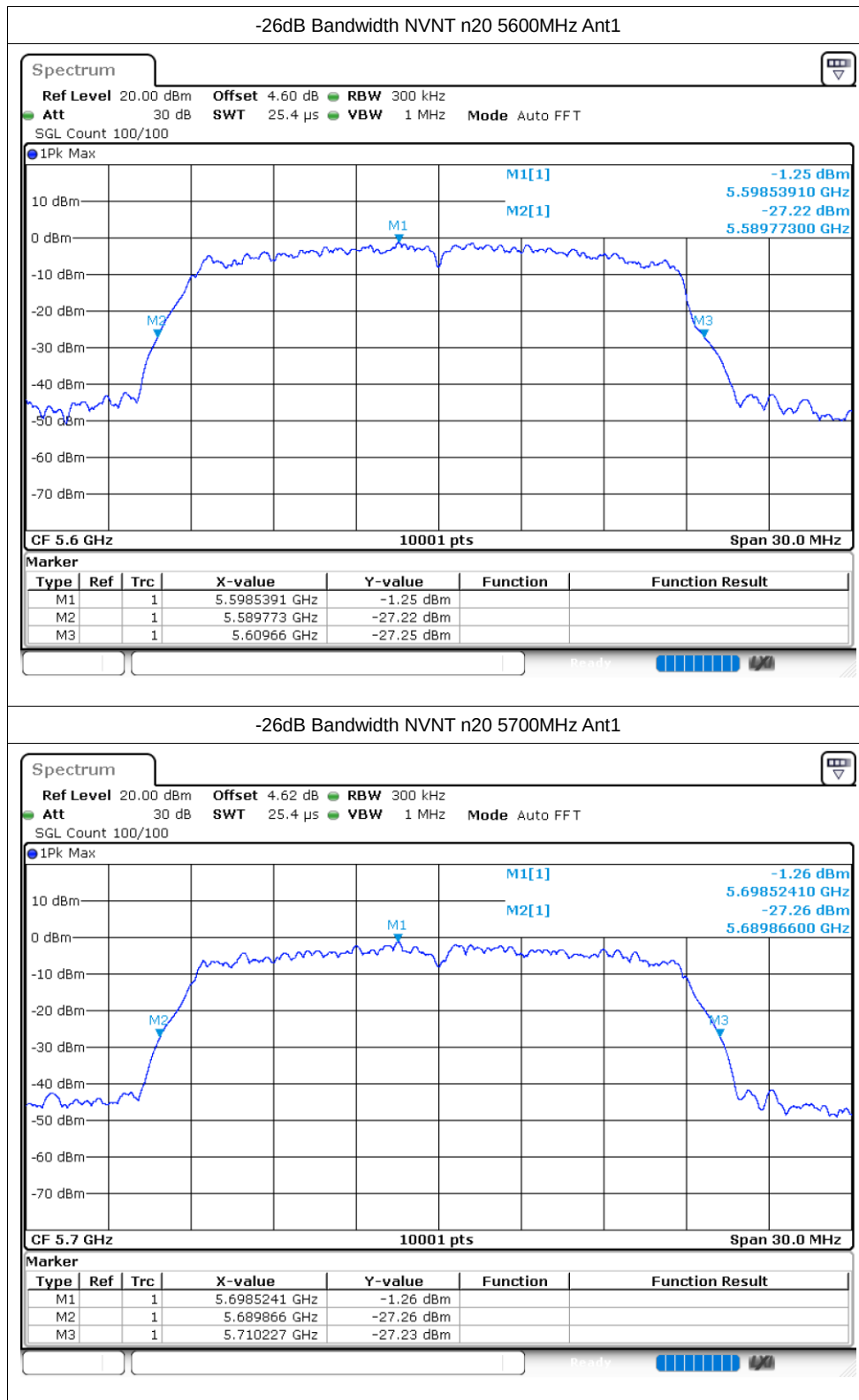


-26dB Bandwidth NVNT a 5700MHz Ant1

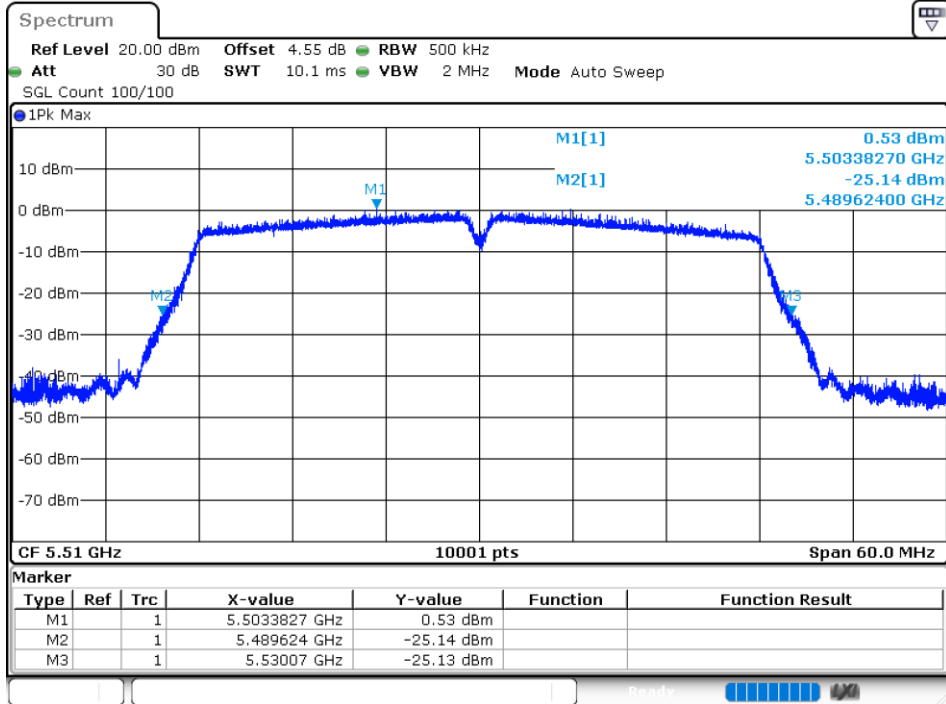


-26dB Bandwidth NVNT n20 5500MHz Ant1

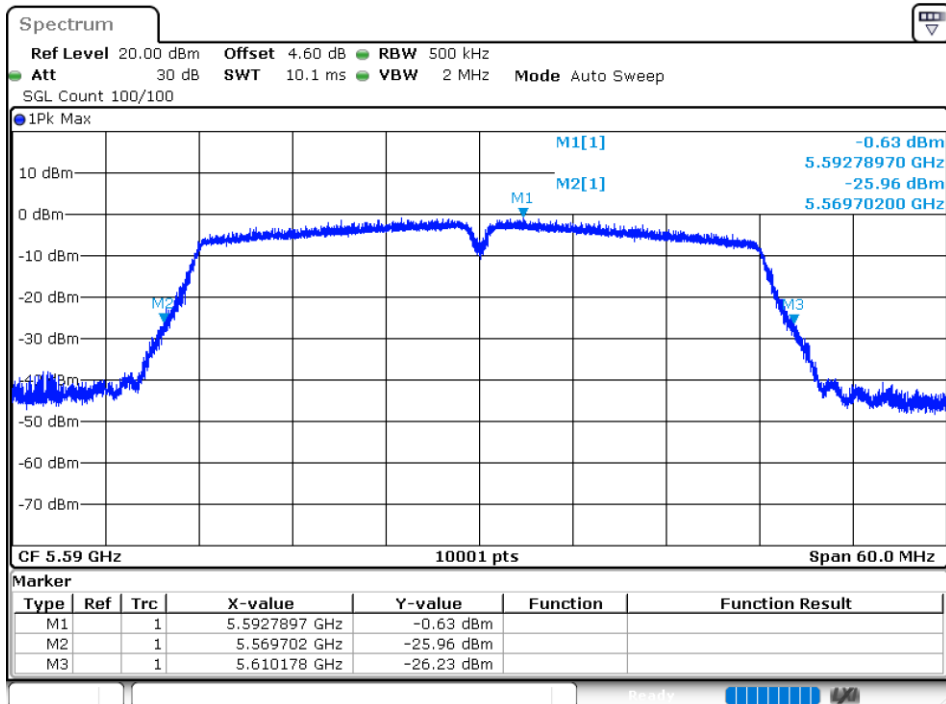


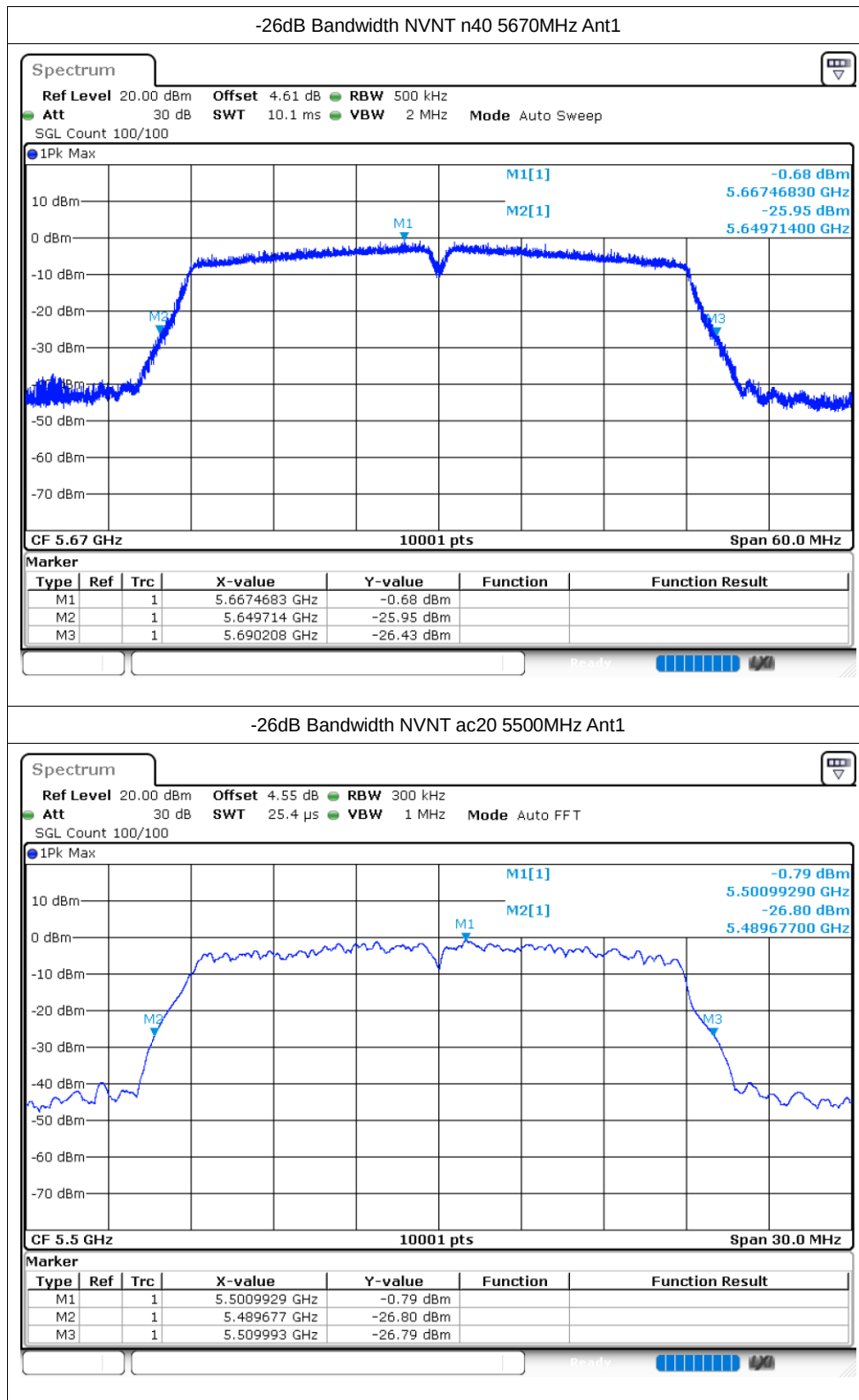


-26dB Bandwidth NVNT n40 5510MHz Ant1

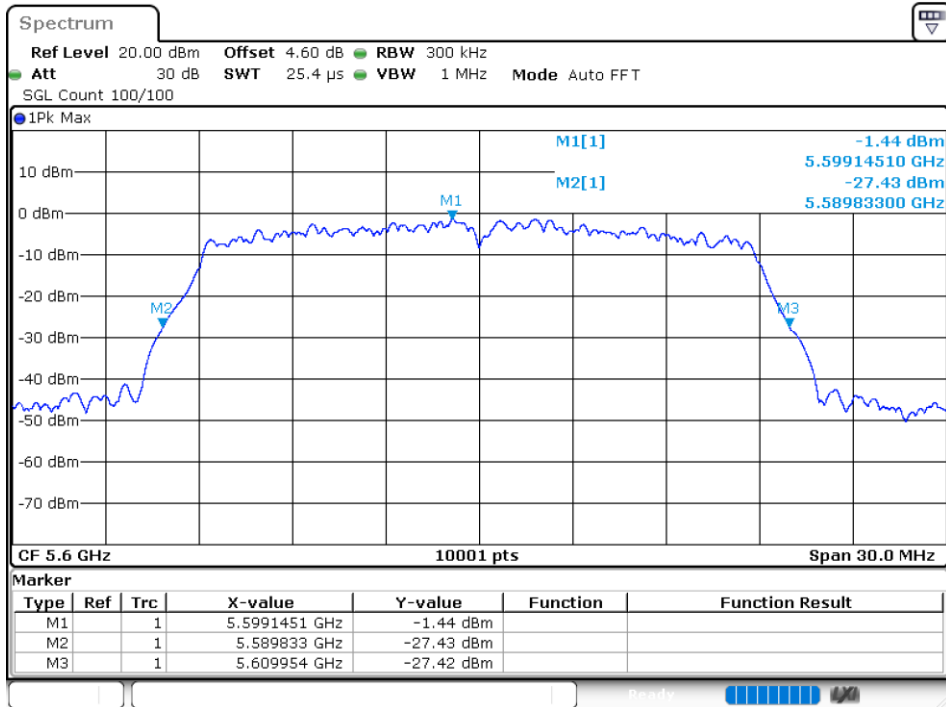


-26dB Bandwidth NVNT n40 5590MHz Ant1

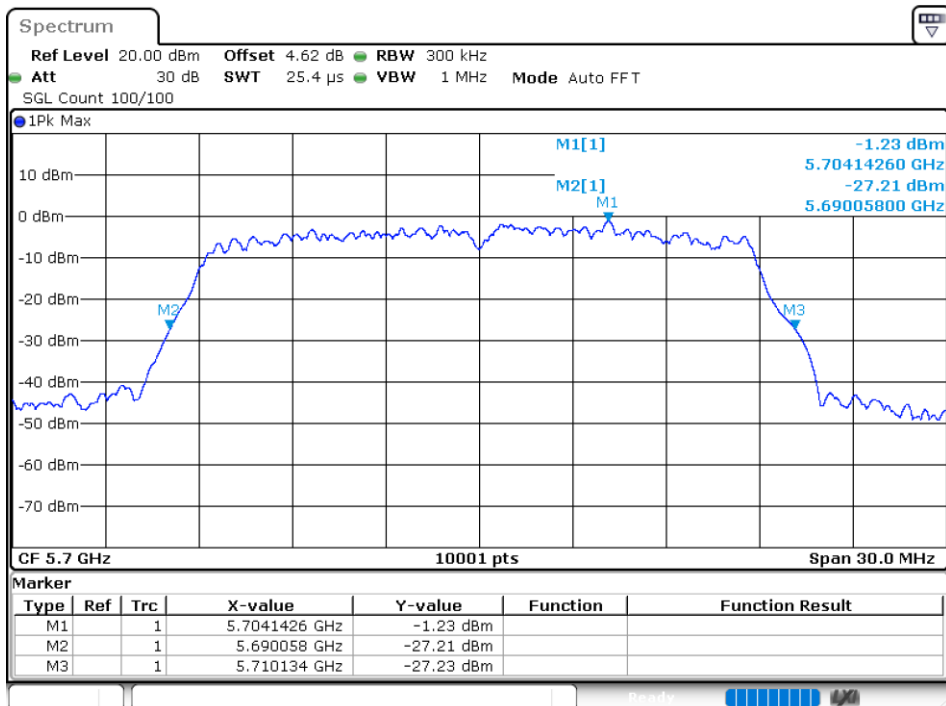




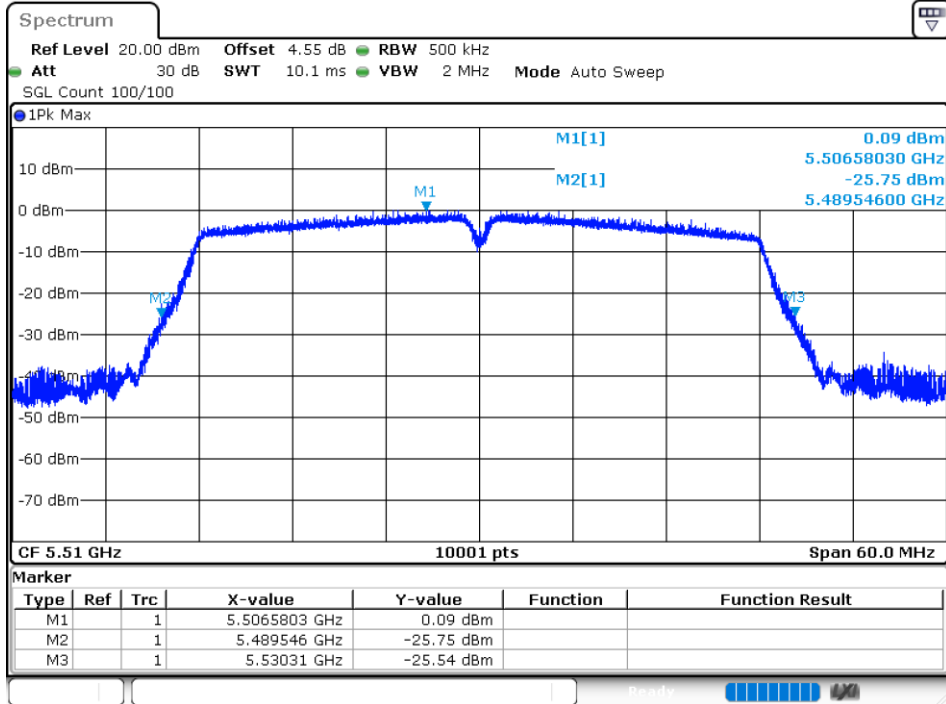
-26dB Bandwidth NVNT ac20 5600MHz Ant1



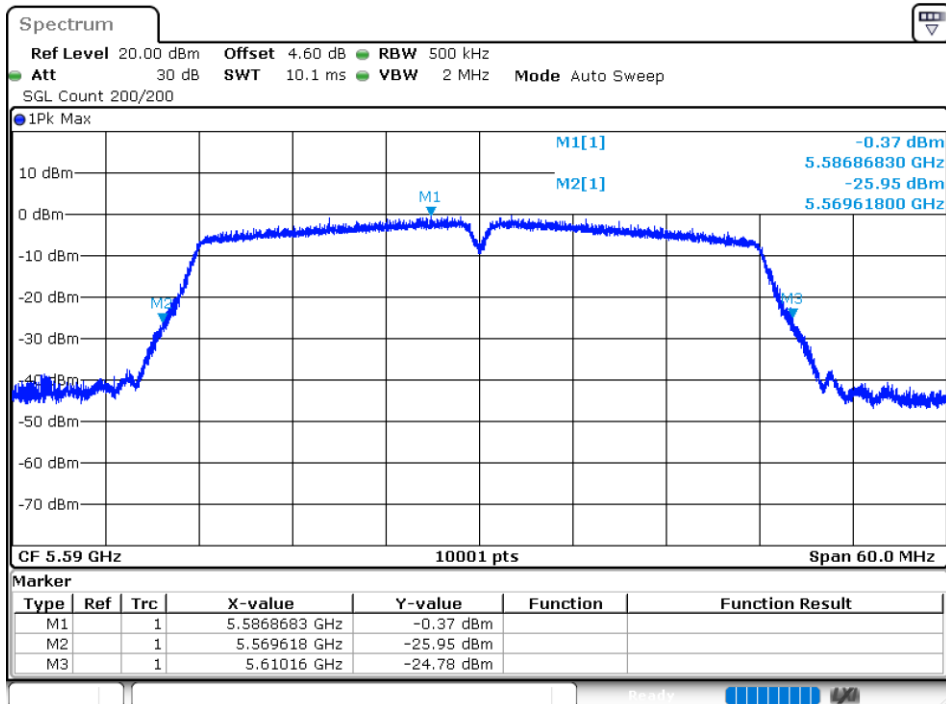
-26dB Bandwidth NVNT ac20 5700MHz Ant1



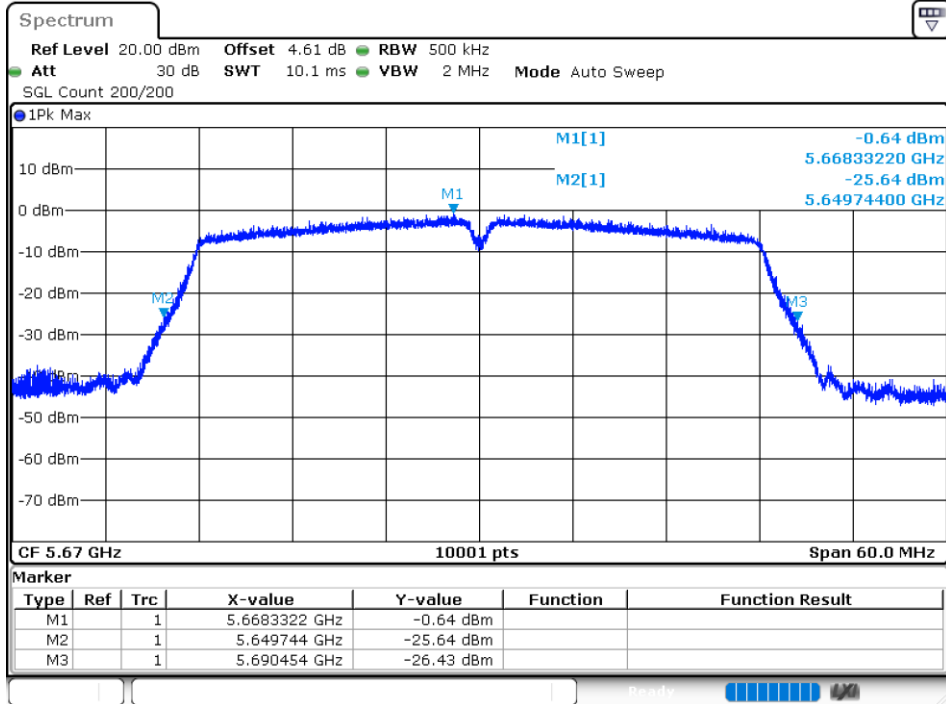
-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1

