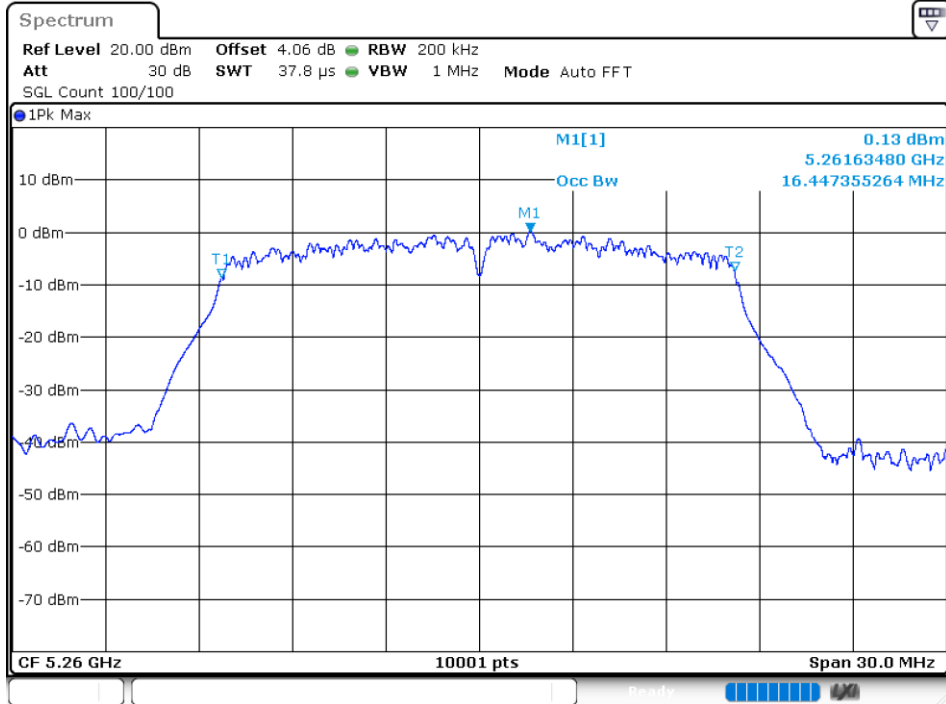


Occupied Channel Bandwidth

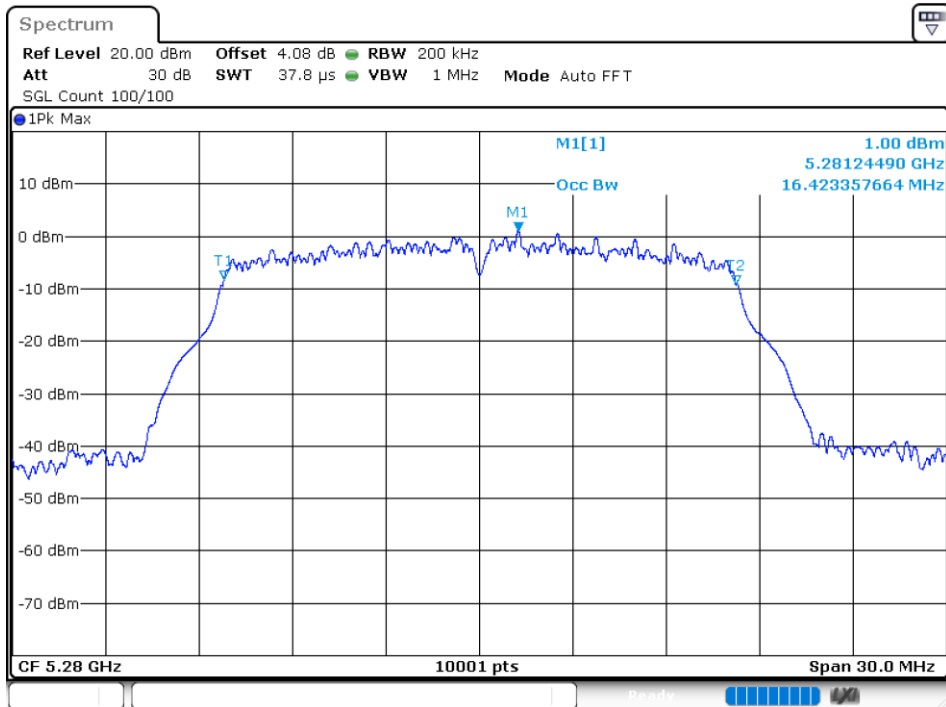
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.447
NVNT	a	5280	Ant1	16.423
NVNT	a	5320	Ant1	16.381
NVNT	n20	5260	Ant1	17.455
NVNT	n20	5280	Ant1	17.602
NVNT	n20	5320	Ant1	17.566
NVNT	n40	5270	Ant1	36.014
NVNT	n40	5310	Ant1	36.002
NVNT	ac20	5260	Ant1	17.59
NVNT	ac20	5280	Ant1	17.704
NVNT	ac20	5320	Ant1	17.491
NVNT	ac40	5270	Ant1	35.996
NVNT	ac40	5310	Ant1	35.99
NVNT	ac80	5290	Ant1	75.088

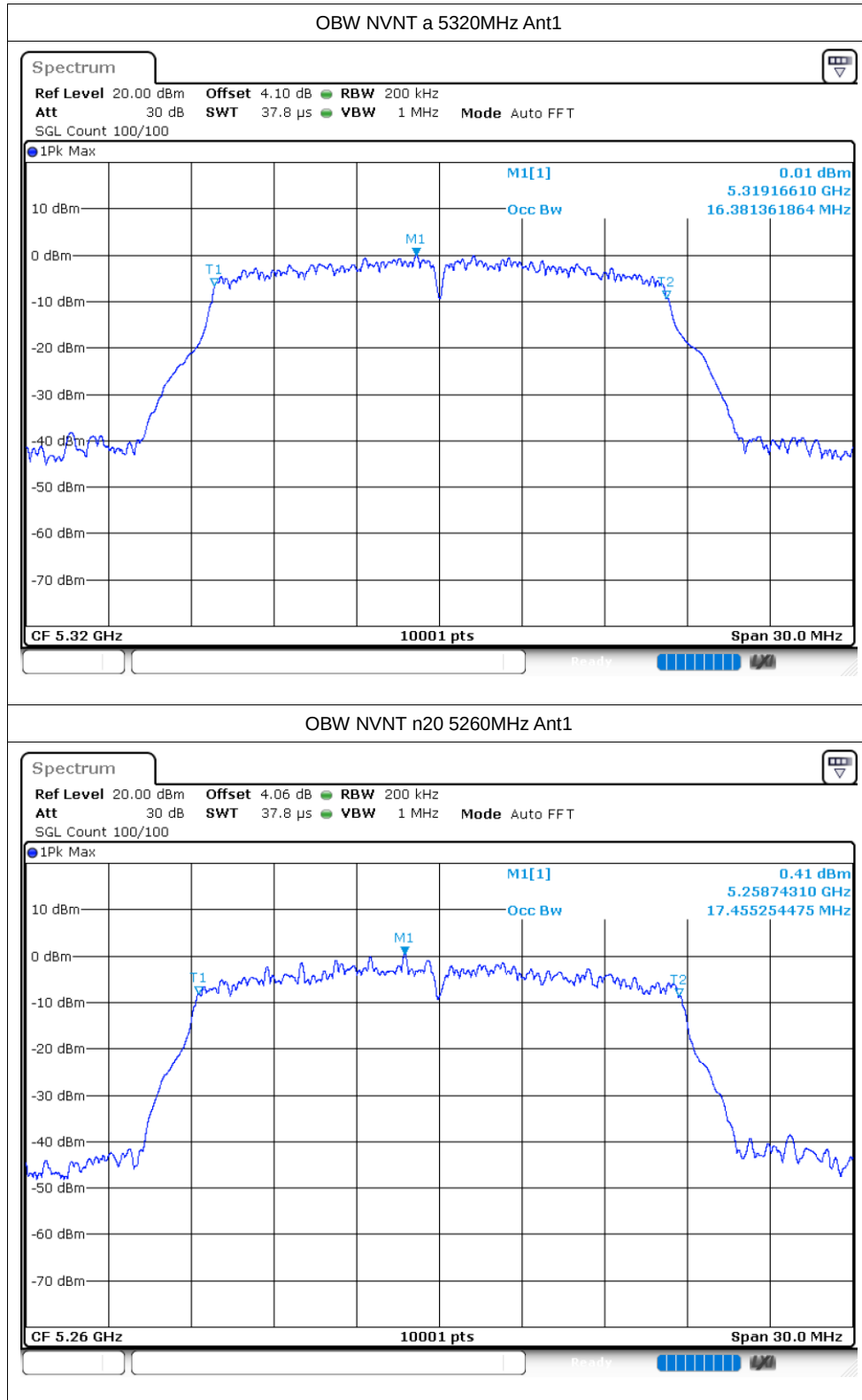
Test Graphs

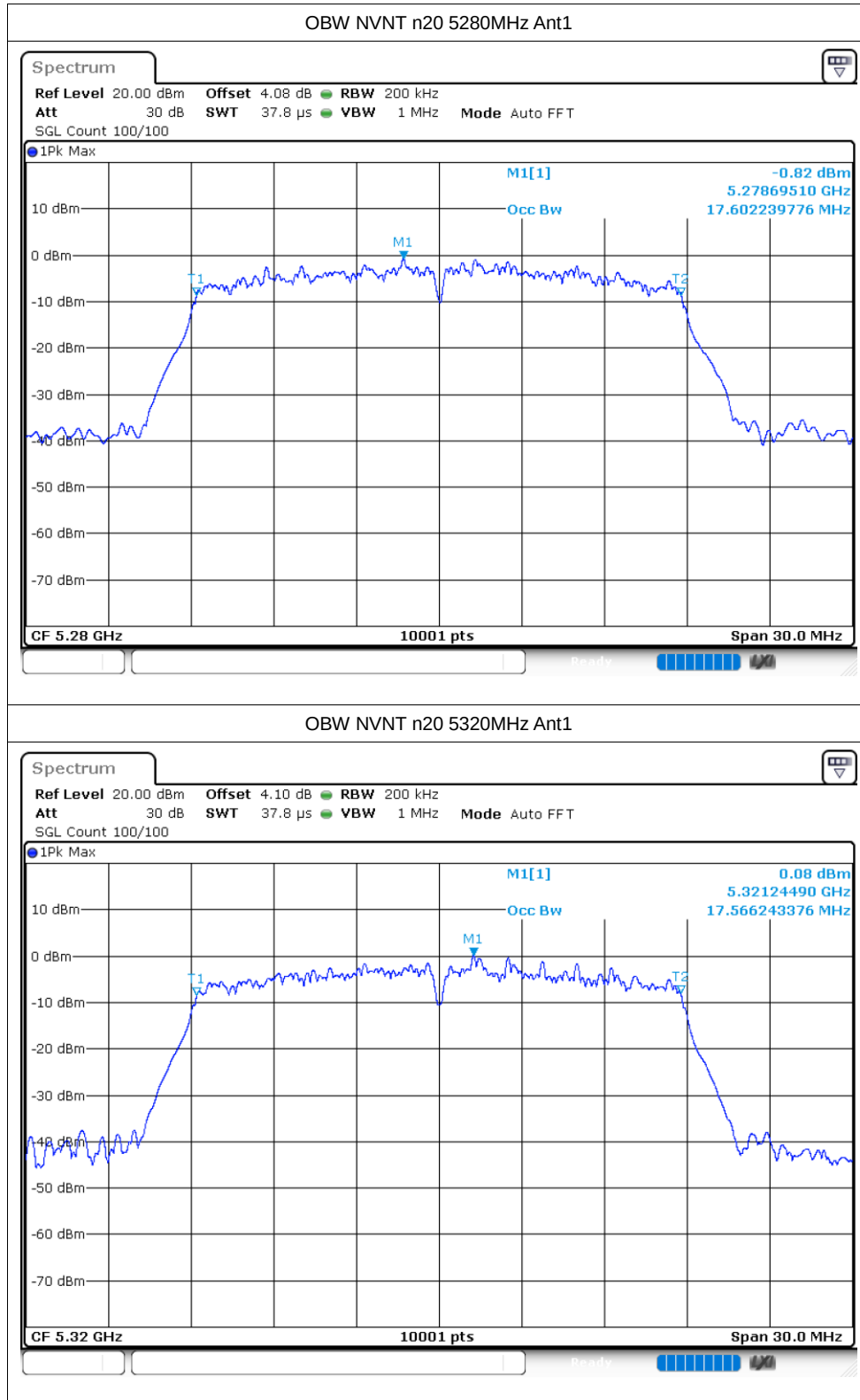
OBW NVNT a 5260MHz Ant1

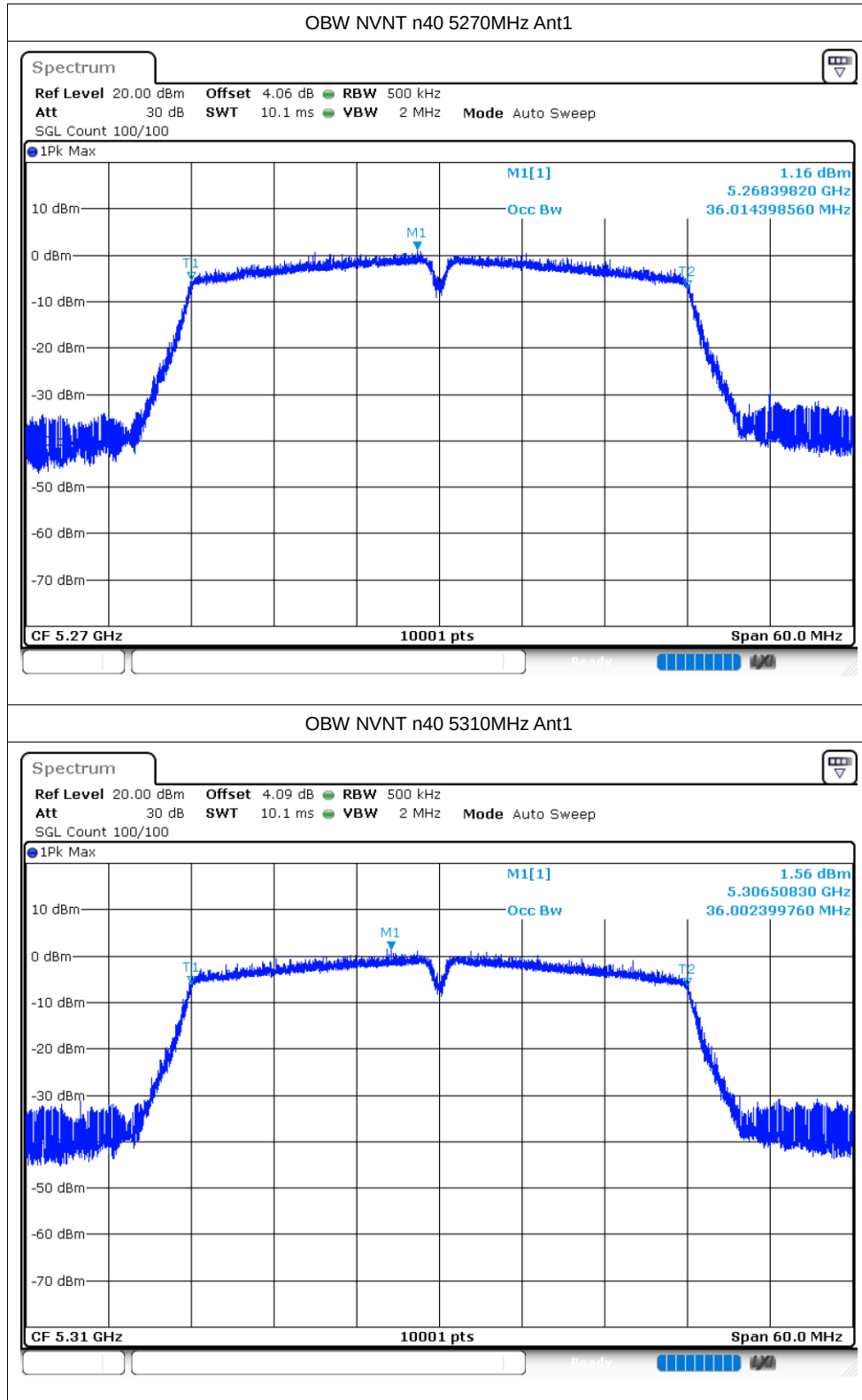


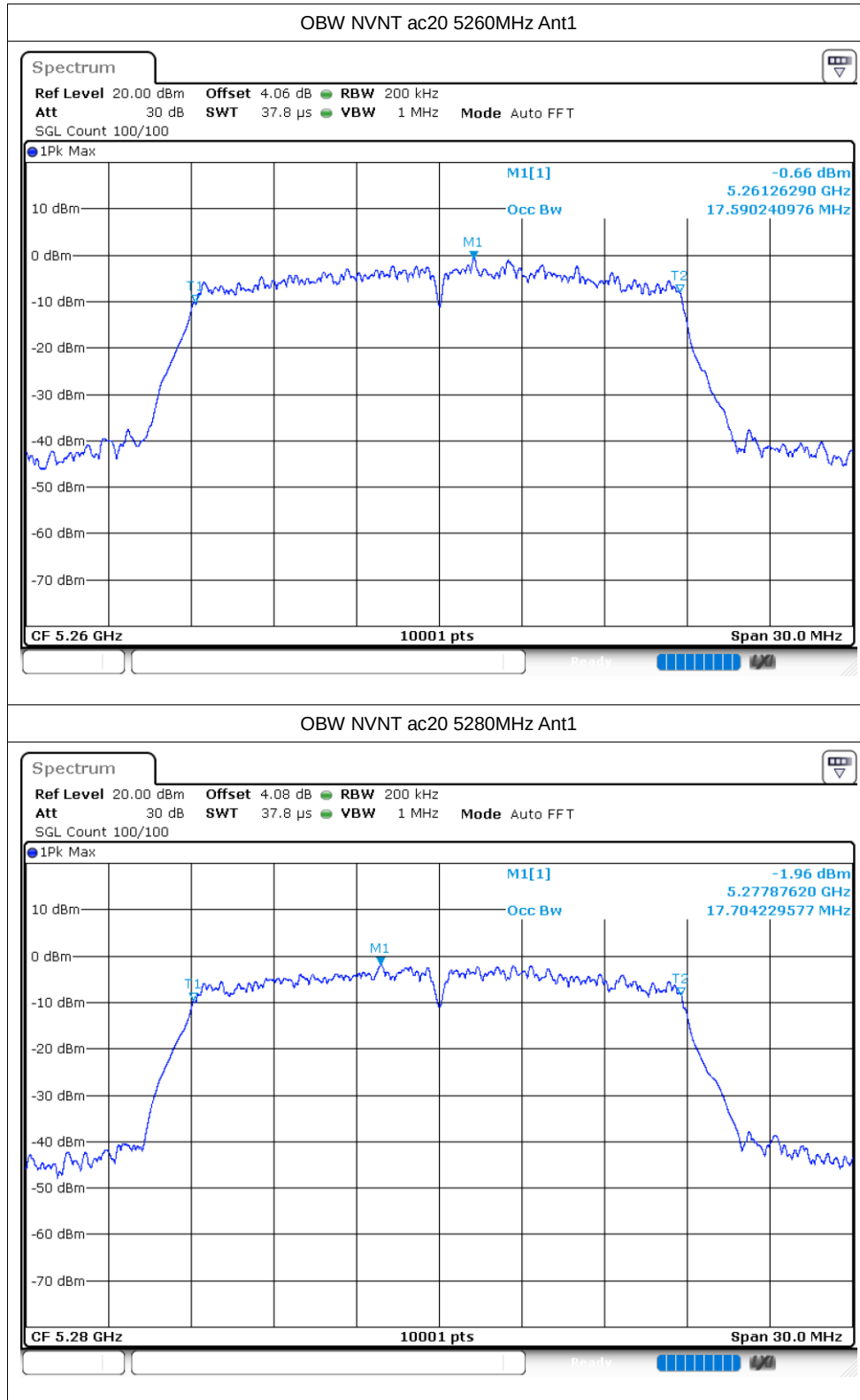
OBW NVNT a 5280MHz Ant1

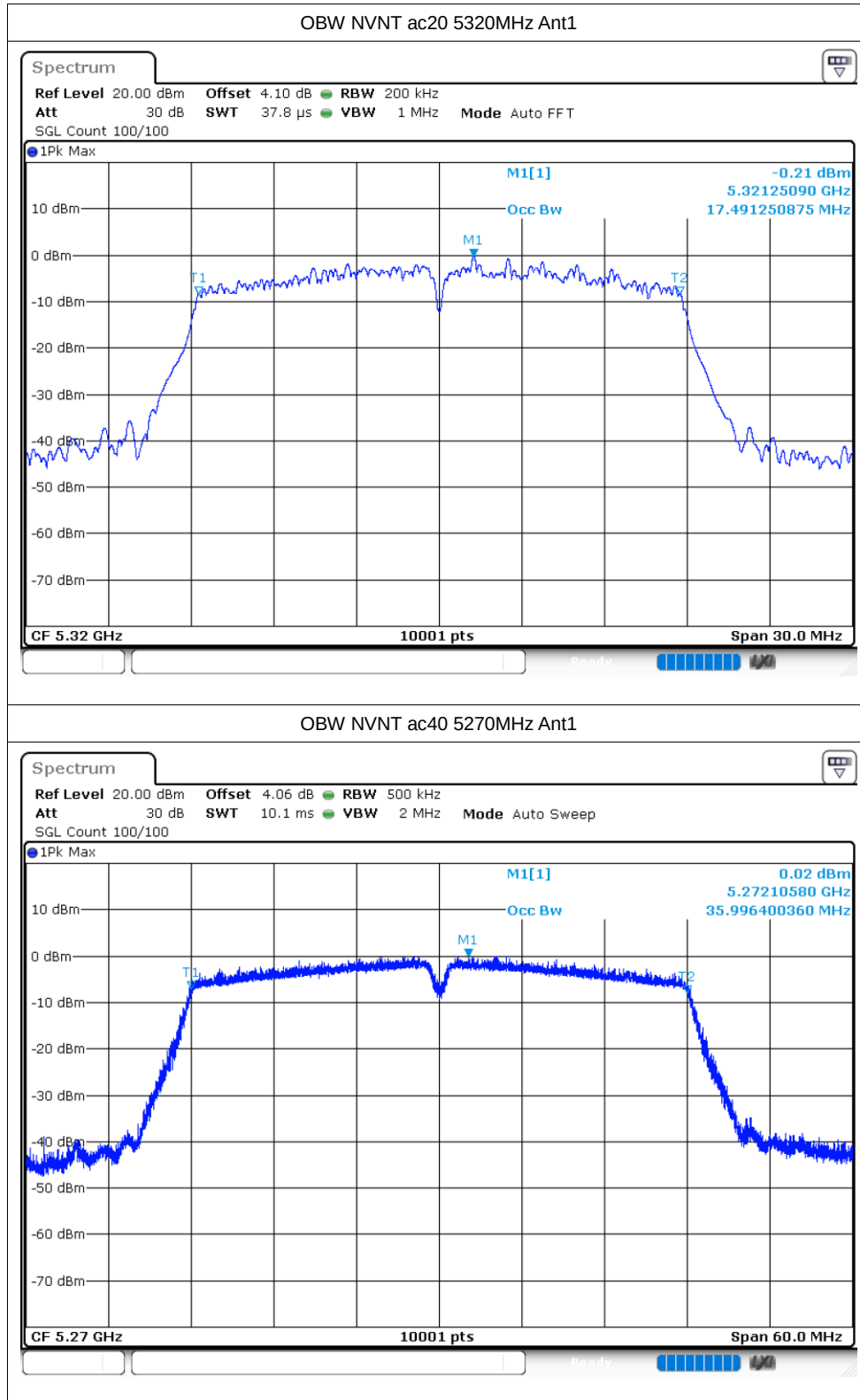


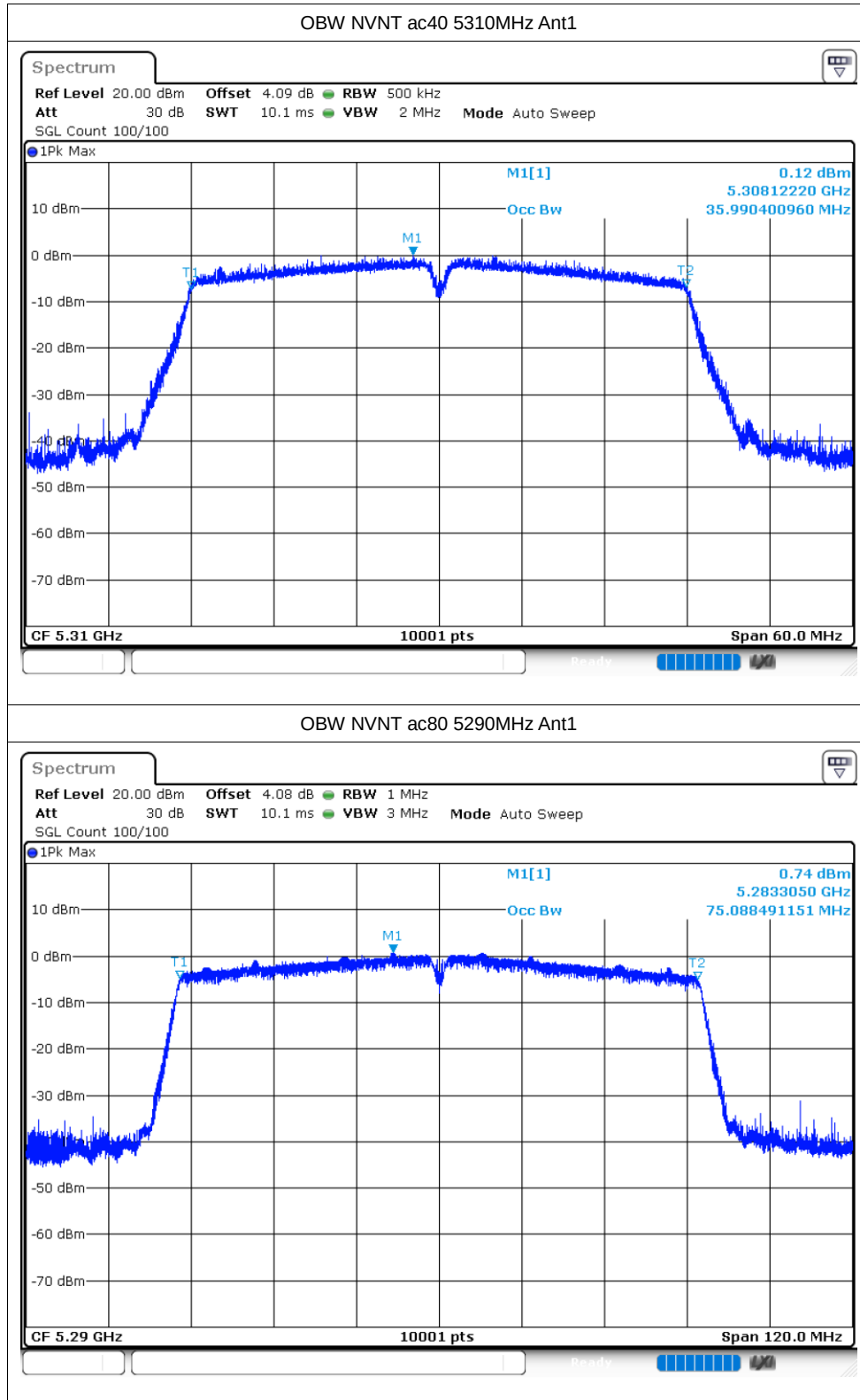










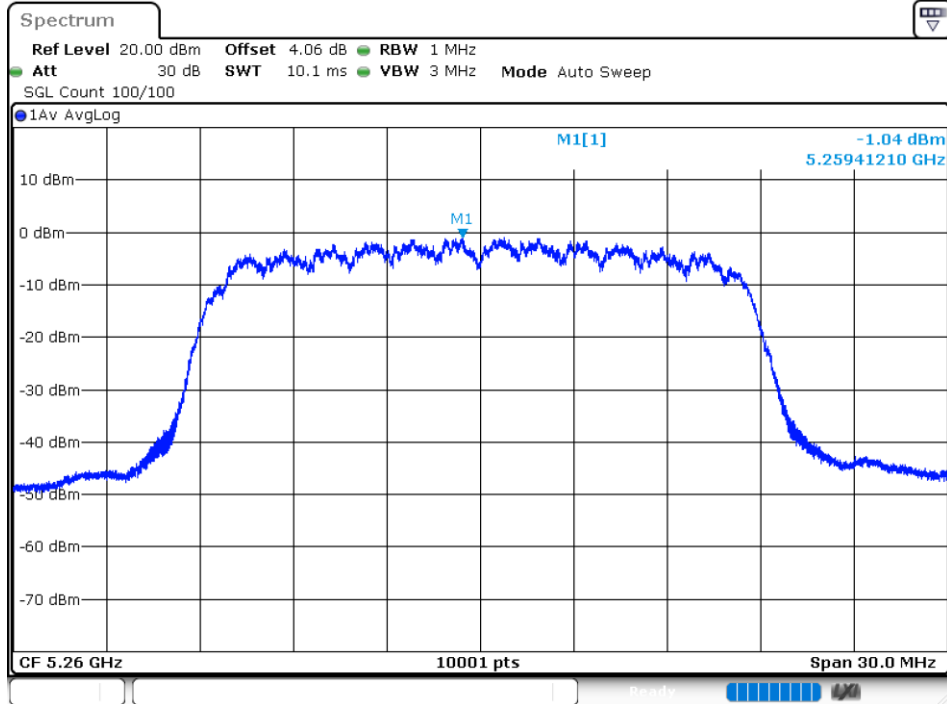


Maximum Power Spectral Density Level

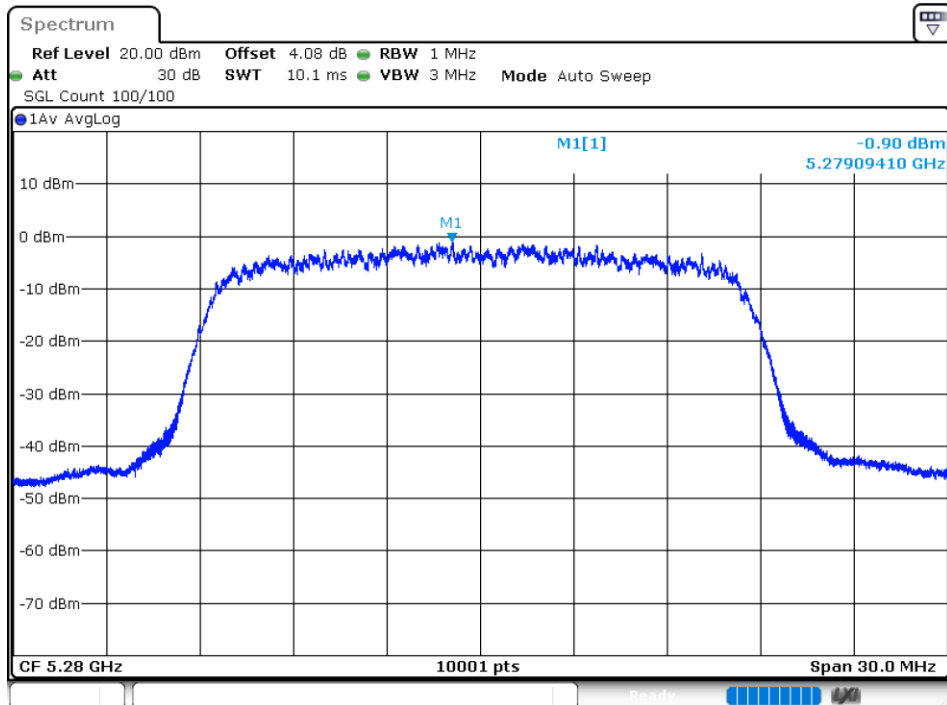
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.04	0.11	-0.93	11	Pass
NVNT	a	5280	Ant1	-0.9	0.11	-0.79	11	Pass
NVNT	a	5320	Ant1	-1.04	0.11	-0.93	11	Pass
NVNT	n20	5260	Ant1	-2.19	0.11	-2.08	11	Pass
NVNT	n20	5280	Ant1	-2.17	0.11	-2.06	11	Pass
NVNT	n20	5320	Ant1	-2.42	0.11	-2.31	11	Pass
NVNT	n40	5270	Ant1	-5.93	0.22	-5.71	11	Pass
NVNT	n40	5310	Ant1	-5.87	0.22	-5.65	11	Pass
NVNT	ac20	5260	Ant1	-3.03	0.11	-2.92	11	Pass
NVNT	ac20	5280	Ant1	-2.61	0.11	-2.5	11	Pass
NVNT	ac20	5320	Ant1	-2.88	0.11	-2.77	11	Pass
NVNT	ac40	5270	Ant1	-6.95	0.22	-6.73	11	Pass
NVNT	ac40	5310	Ant1	-6.61	0.22	-6.39	11	Pass
NVNT	ac80	5290	Ant1	-11.83	0.43	-11.4	11	Pass

Test Graphs

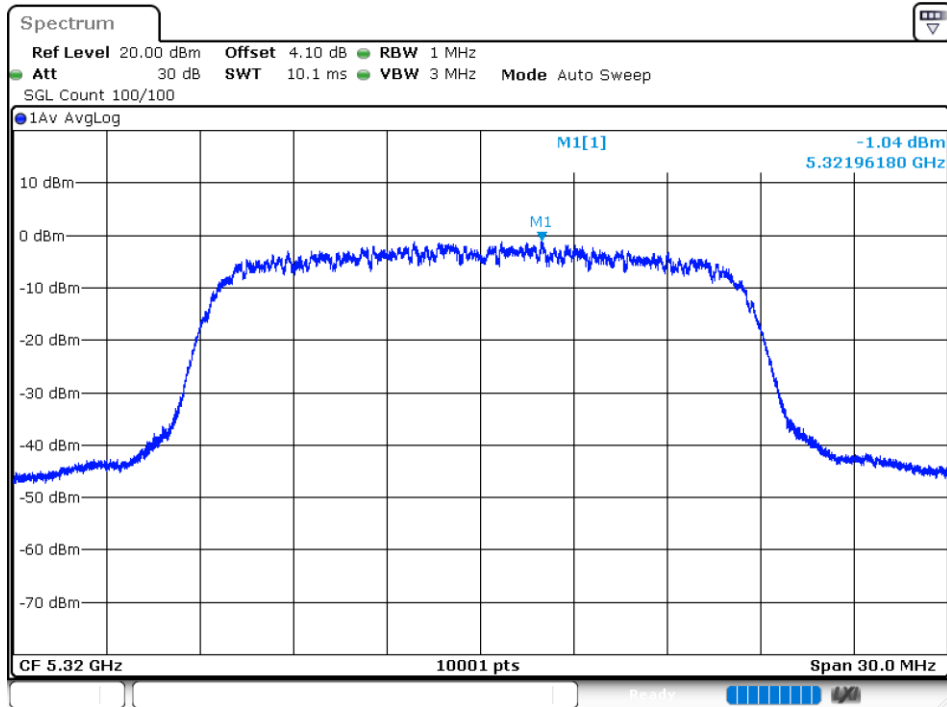
PSD NVNT a 5260MHz Ant1



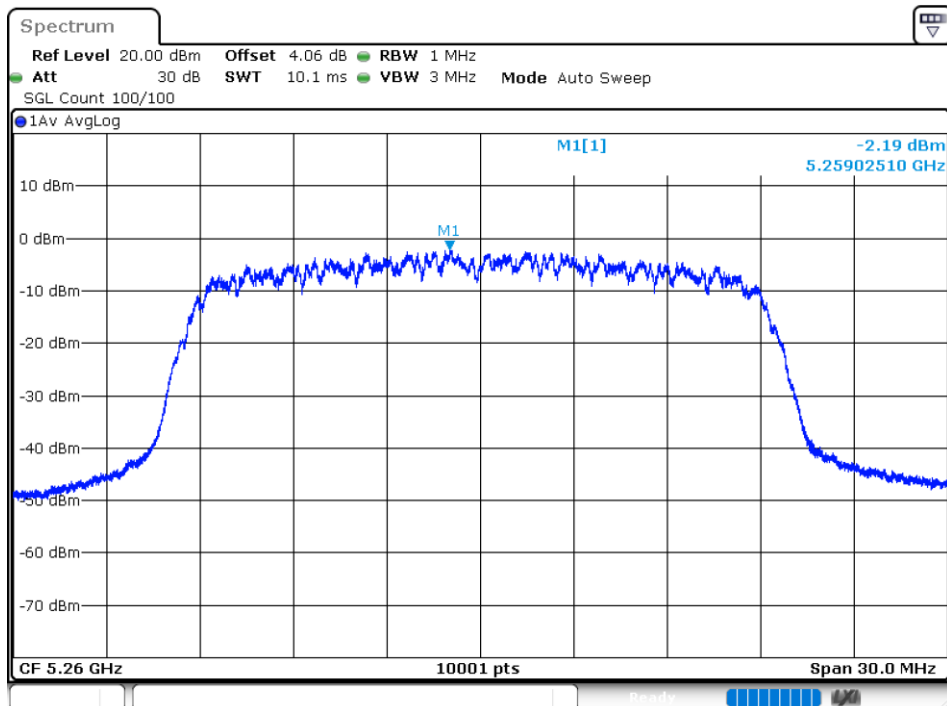
PSD NVNT a 5280MHz Ant1

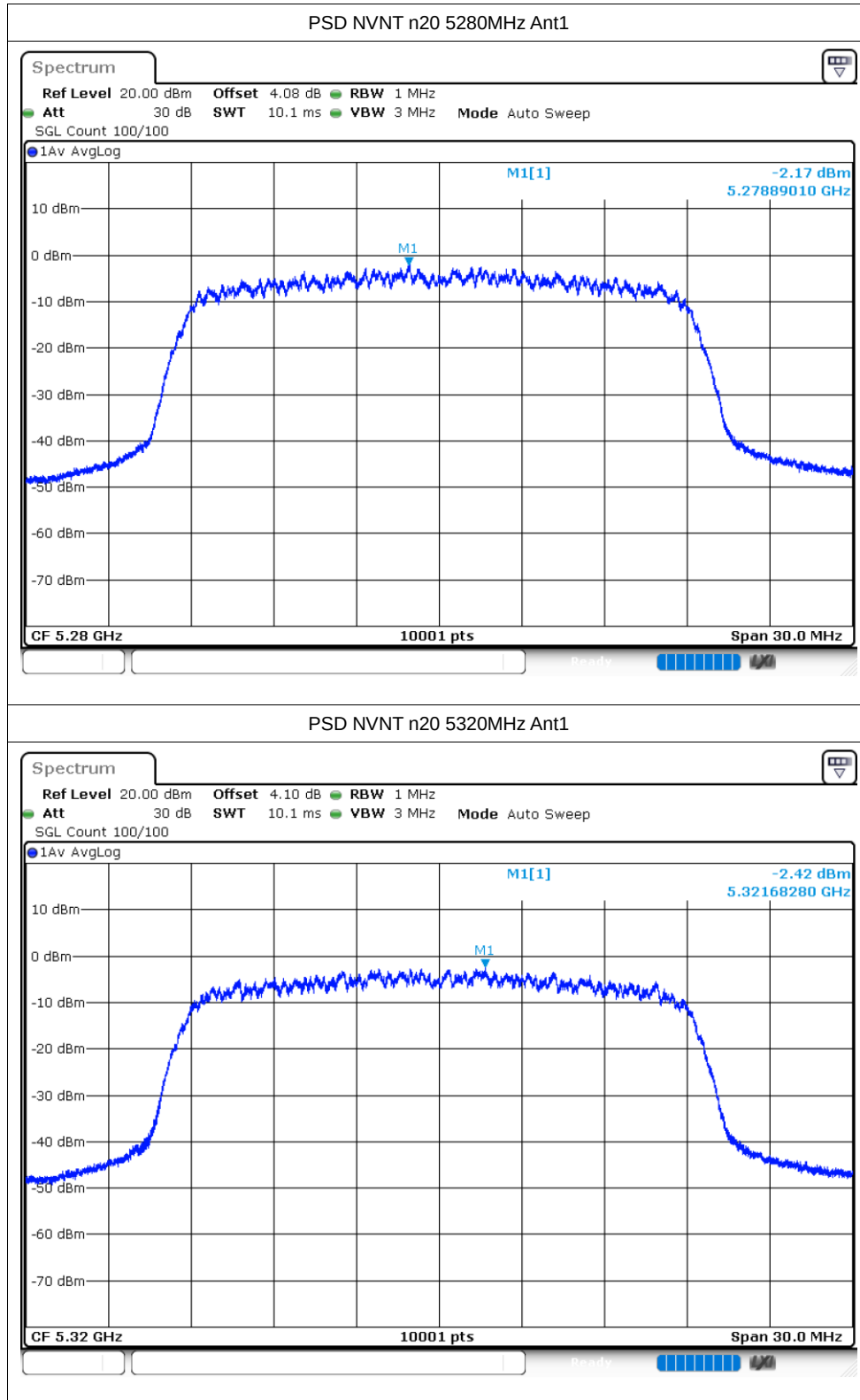


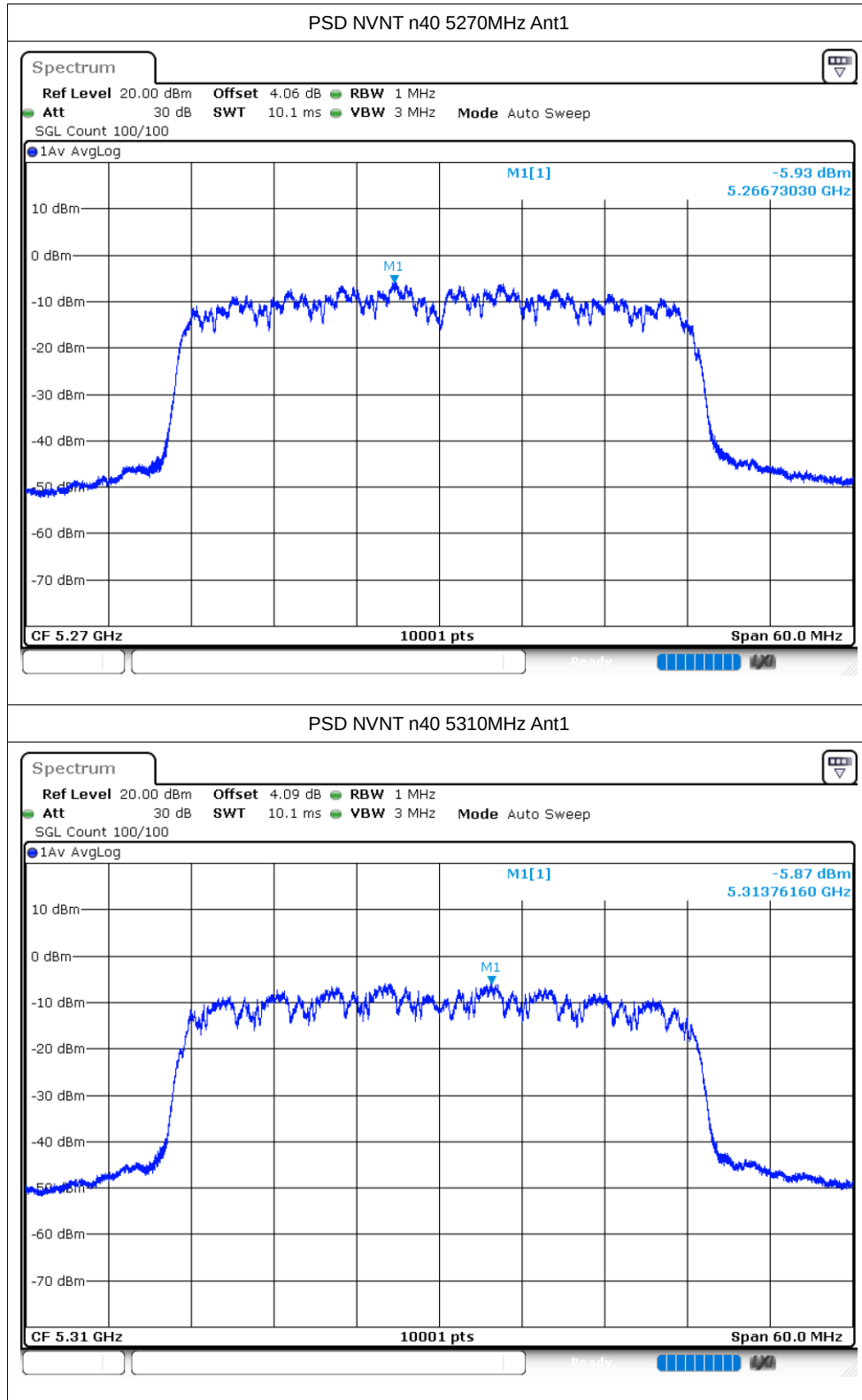
PSD NVNT a 5320MHz Ant1

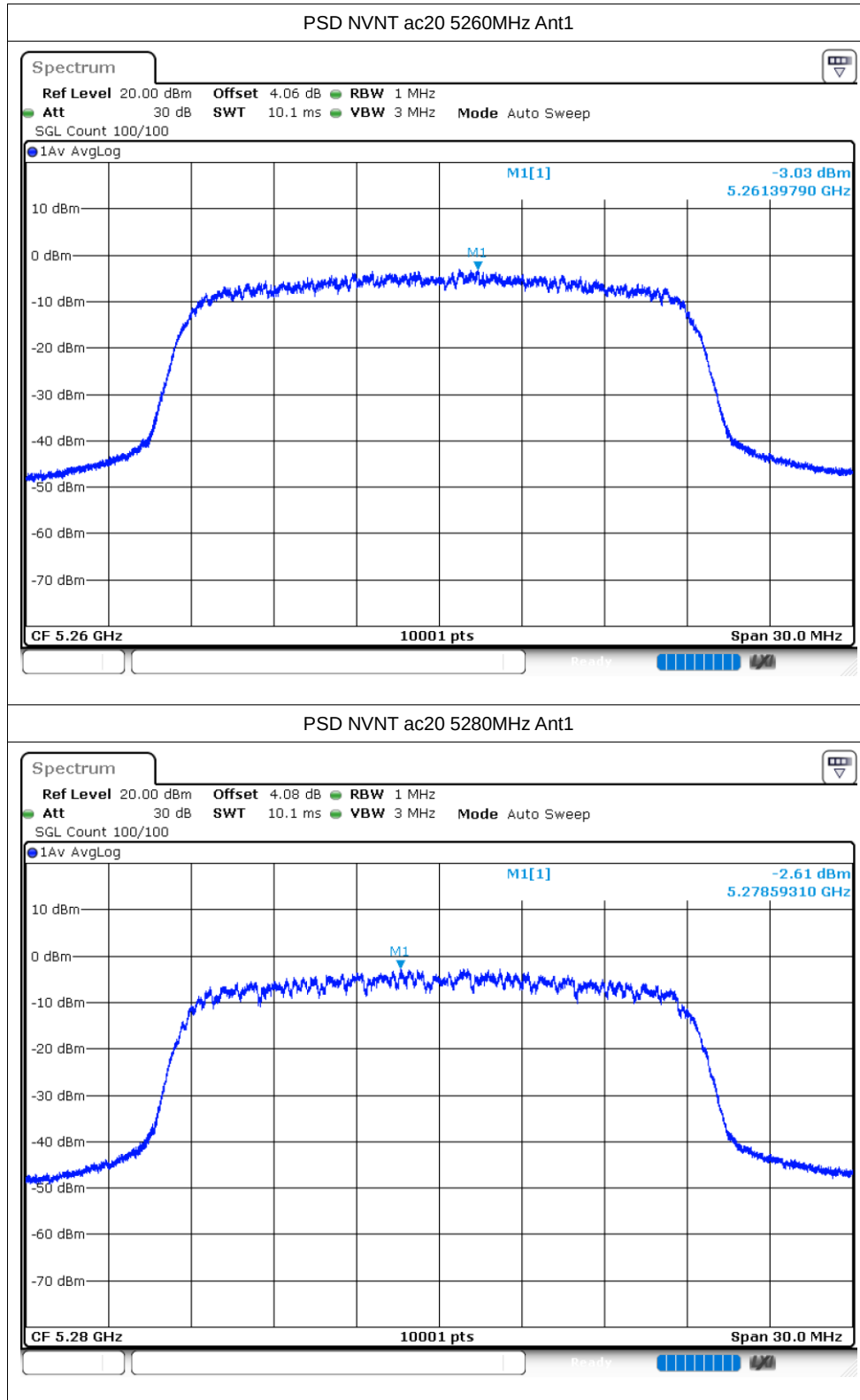


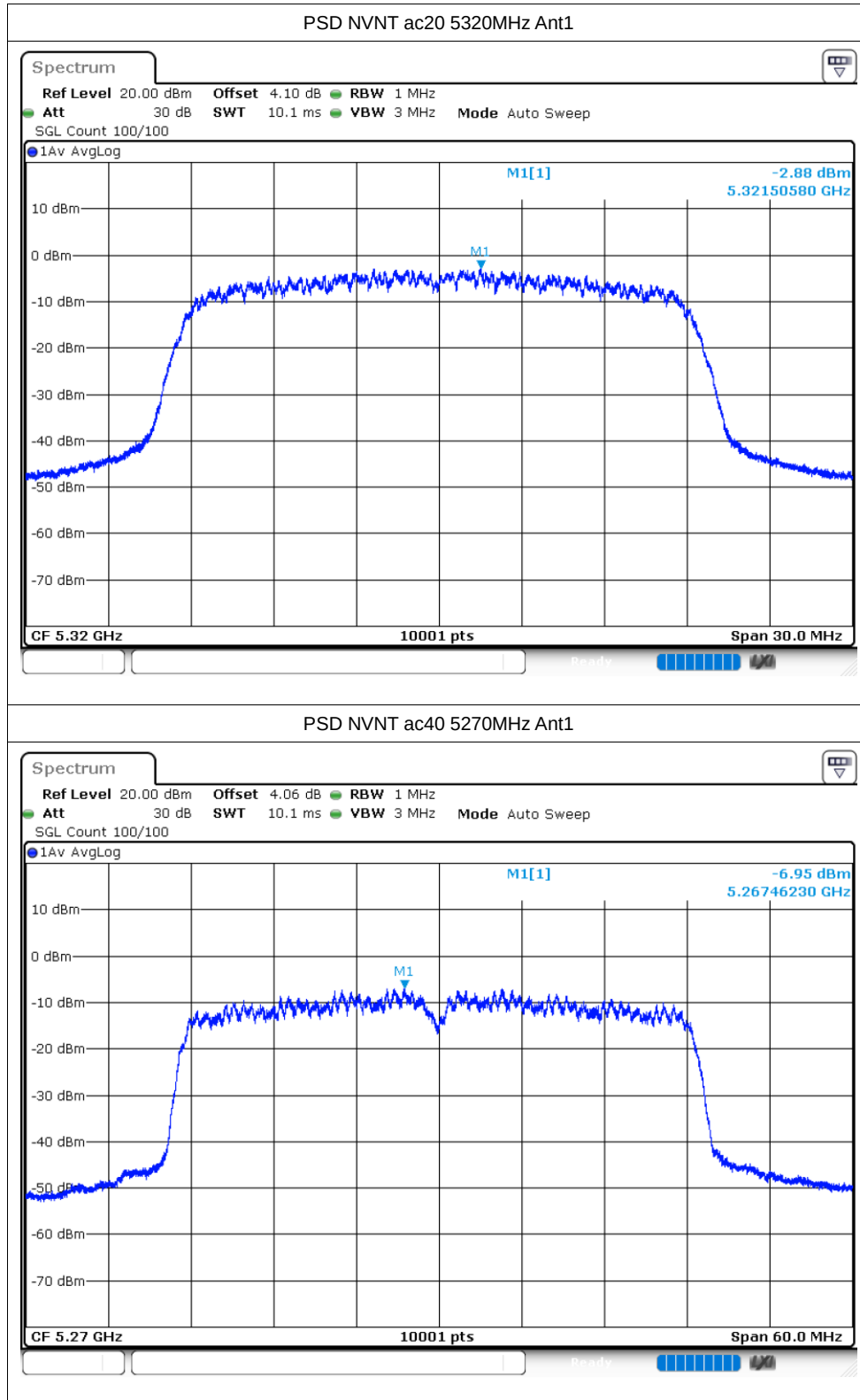
PSD NVNT n20 5260MHz Ant1

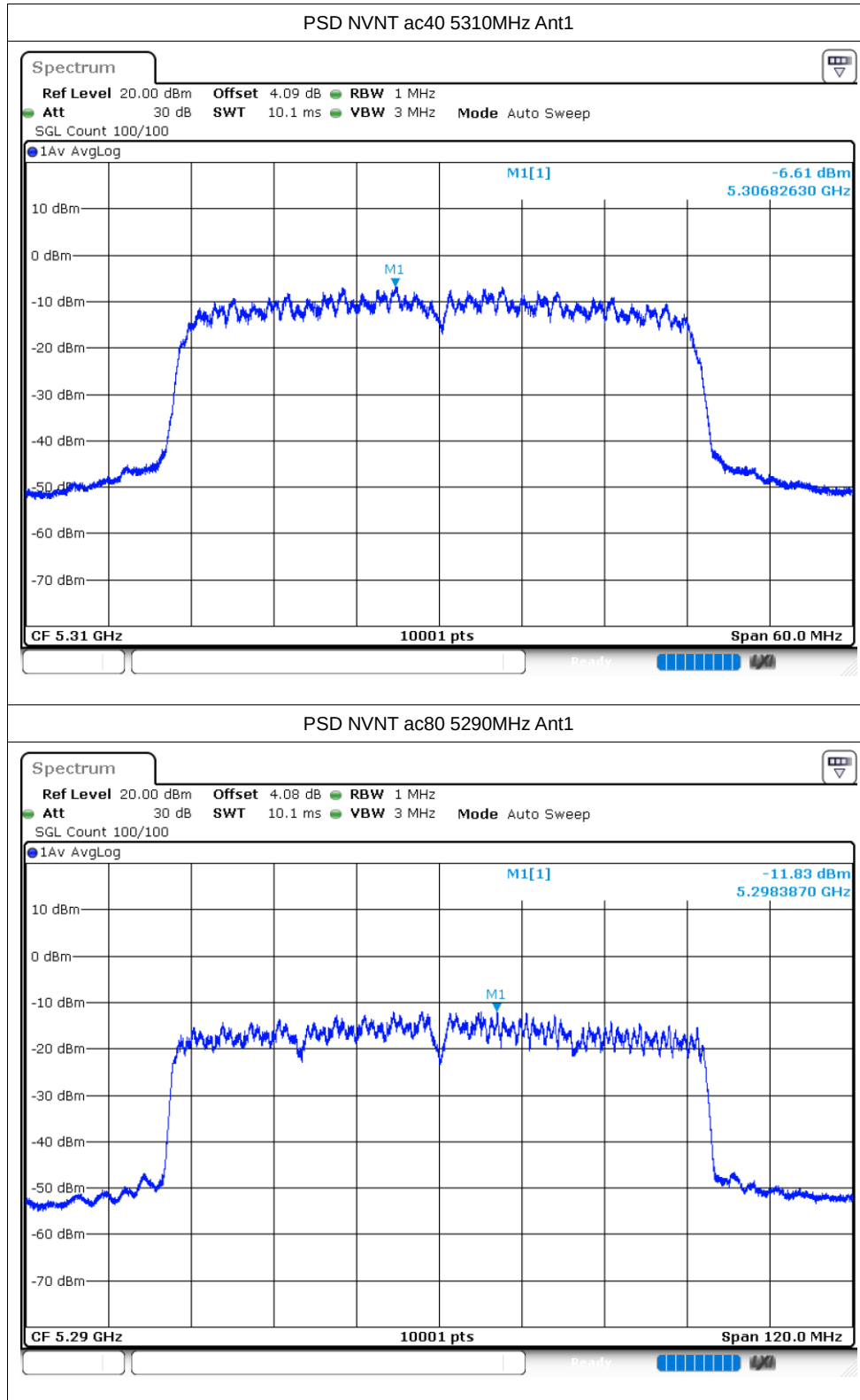












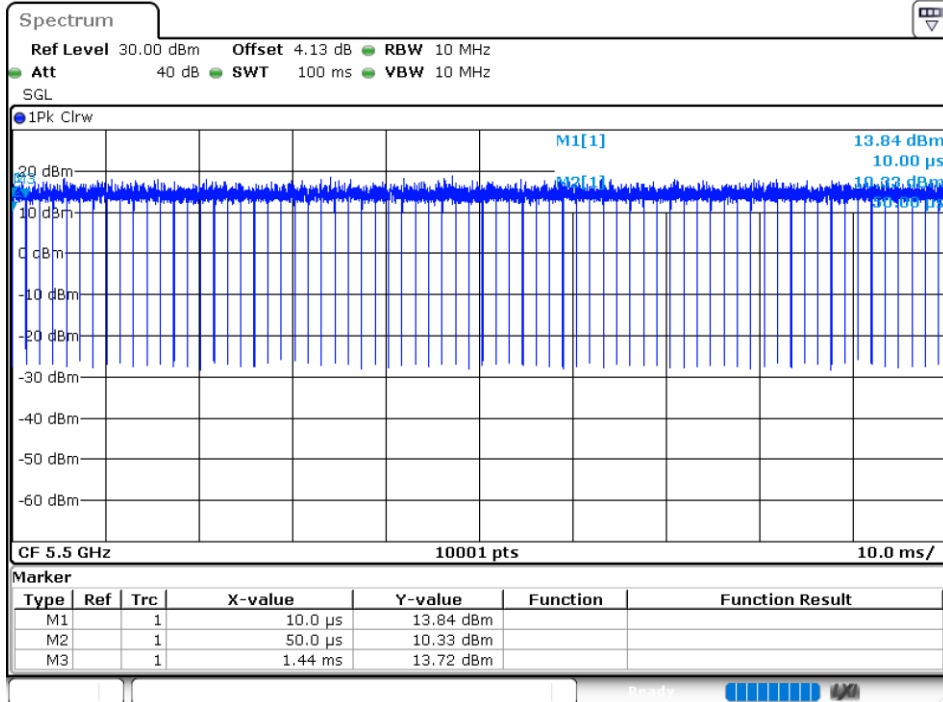
5.6G WIFI

Duty Cycle

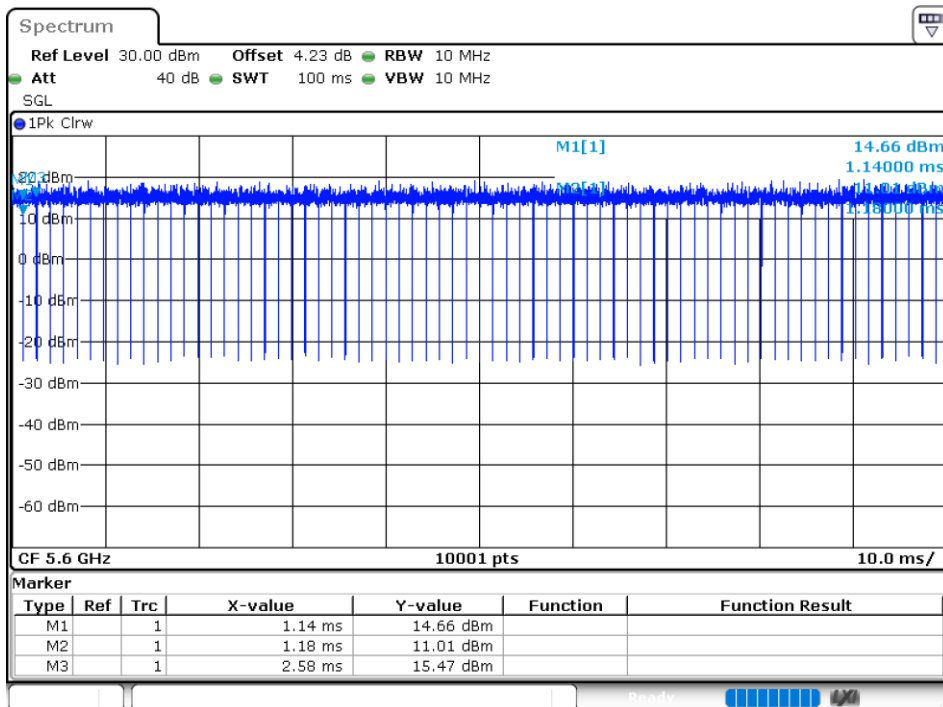
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	97.57	0.11	0.72
NVNT	a	5600	Ant1	97.62	0.1	0.71
NVNT	a	5700	Ant1	97.6	0.11	0.72
NVNT	n20	5500	Ant1	97.44	0.11	0.77
NVNT	n20	5600	Ant1	97.43	0.11	0.77
NVNT	n20	5700	Ant1	97.42	0.11	0.77
NVNT	n40	5510	Ant1	95.04	0.22	1.54
NVNT	n40	5590	Ant1	95.05	0.22	1.54
NVNT	n40	5670	Ant1	95.08	0.22	1.54
NVNT	ac20	5500	Ant1	97.47	0.11	0.76
NVNT	ac20	5600	Ant1	97.48	0.11	0.76
NVNT	ac20	5700	Ant1	97.45	0.11	0.76
NVNT	ac40	5510	Ant1	95.08	0.22	1.54
NVNT	ac40	5590	Ant1	95.11	0.22	1.54
NVNT	ac40	5670	Ant1	95.11	0.22	1.54
NVNT	ac80	5530	Ant1	90.67	0.43	3.12
NVNT	ac80	5610	Ant1	90.52	0.43	3.12

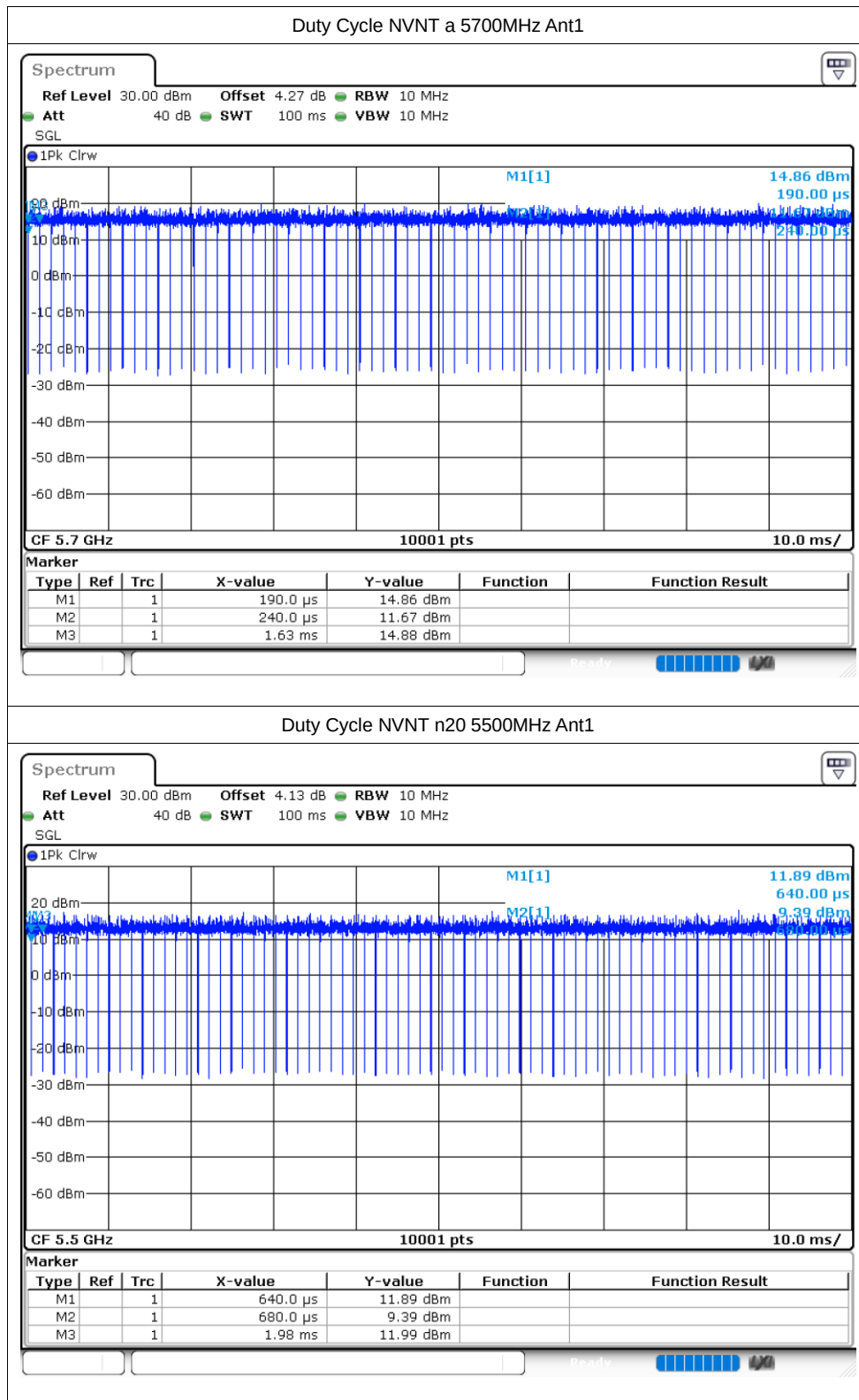
Test Graphs

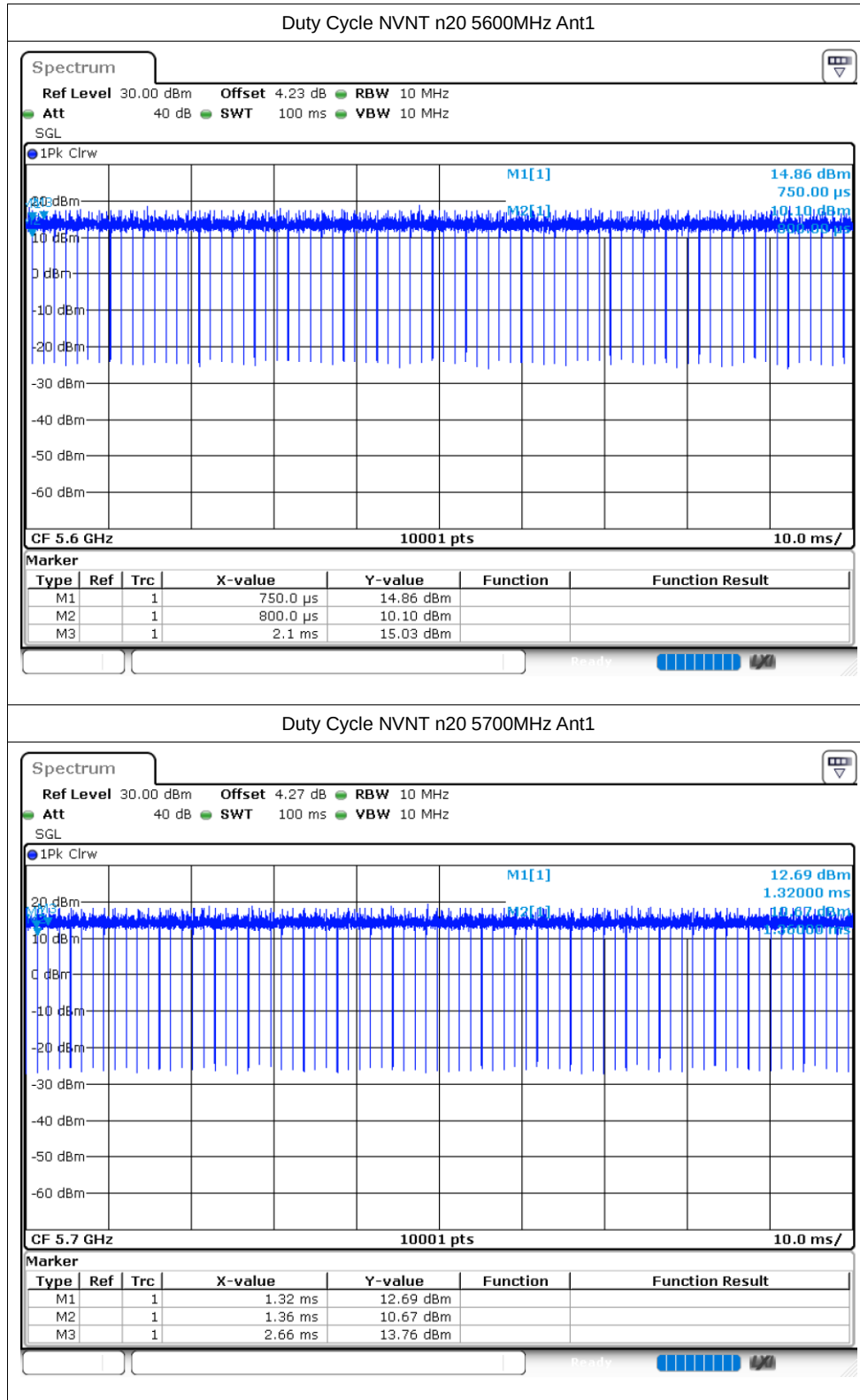
Duty Cycle NVNT a 5500MHz Ant1

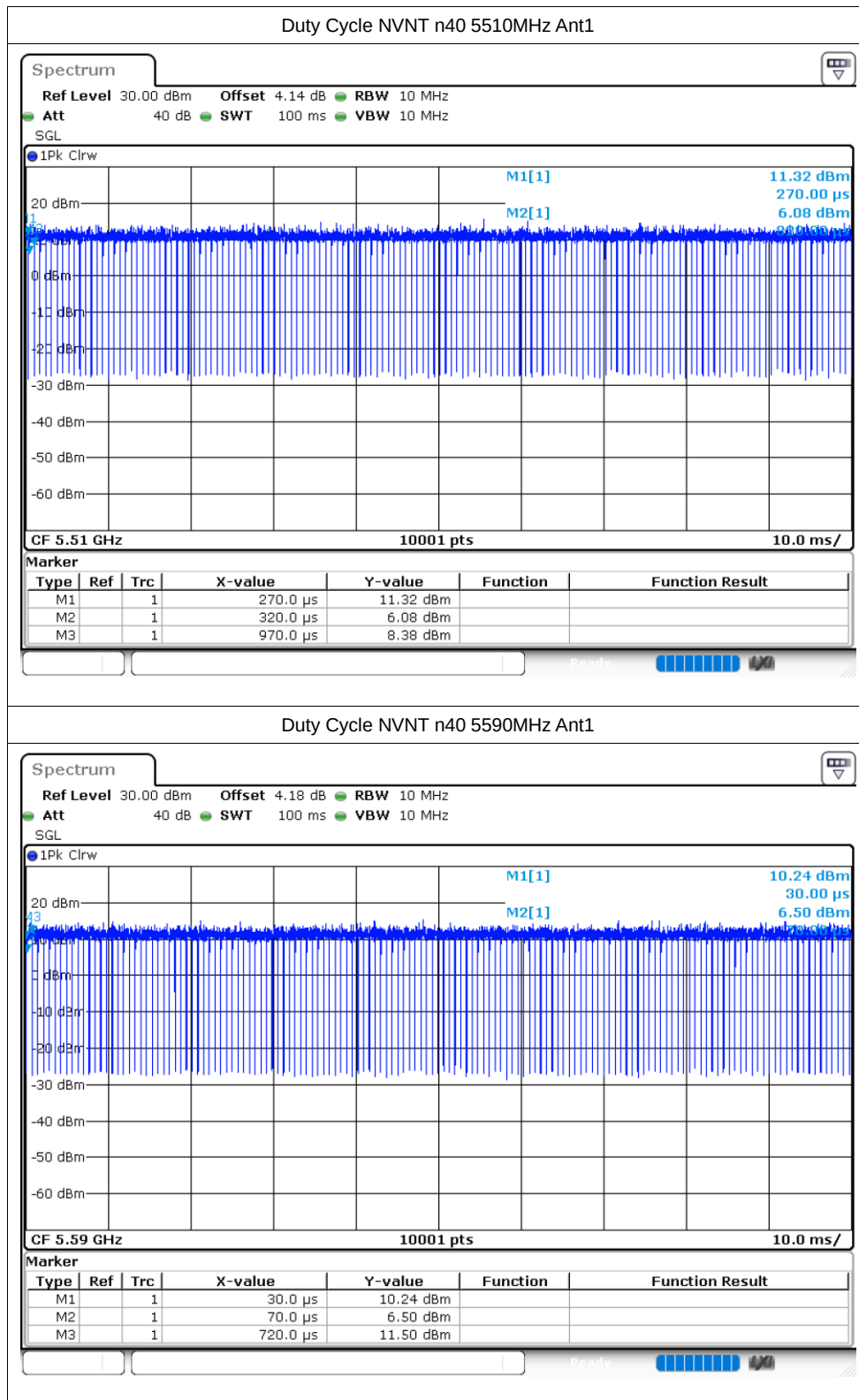


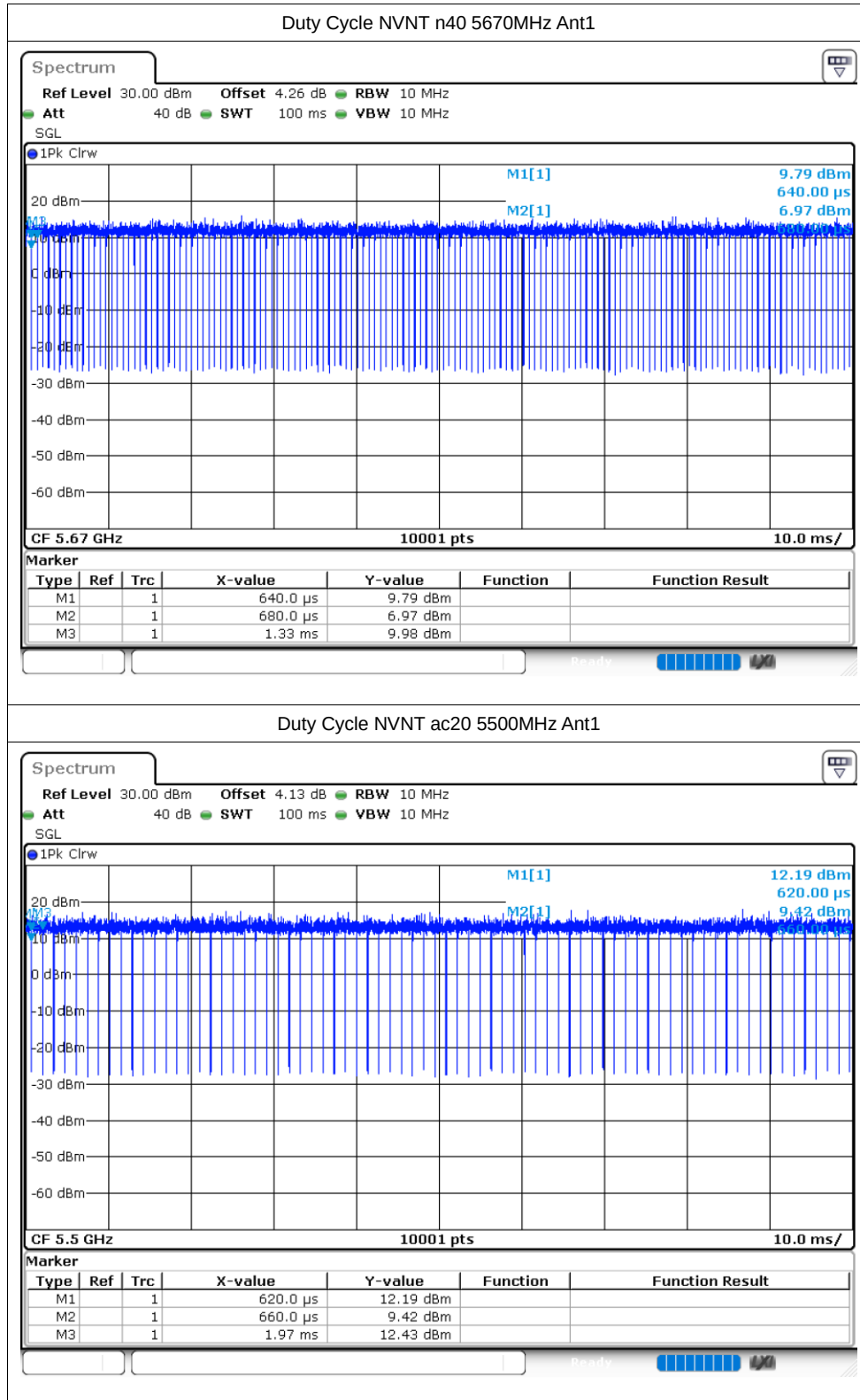
Duty Cycle NVNT a 5600MHz Ant1

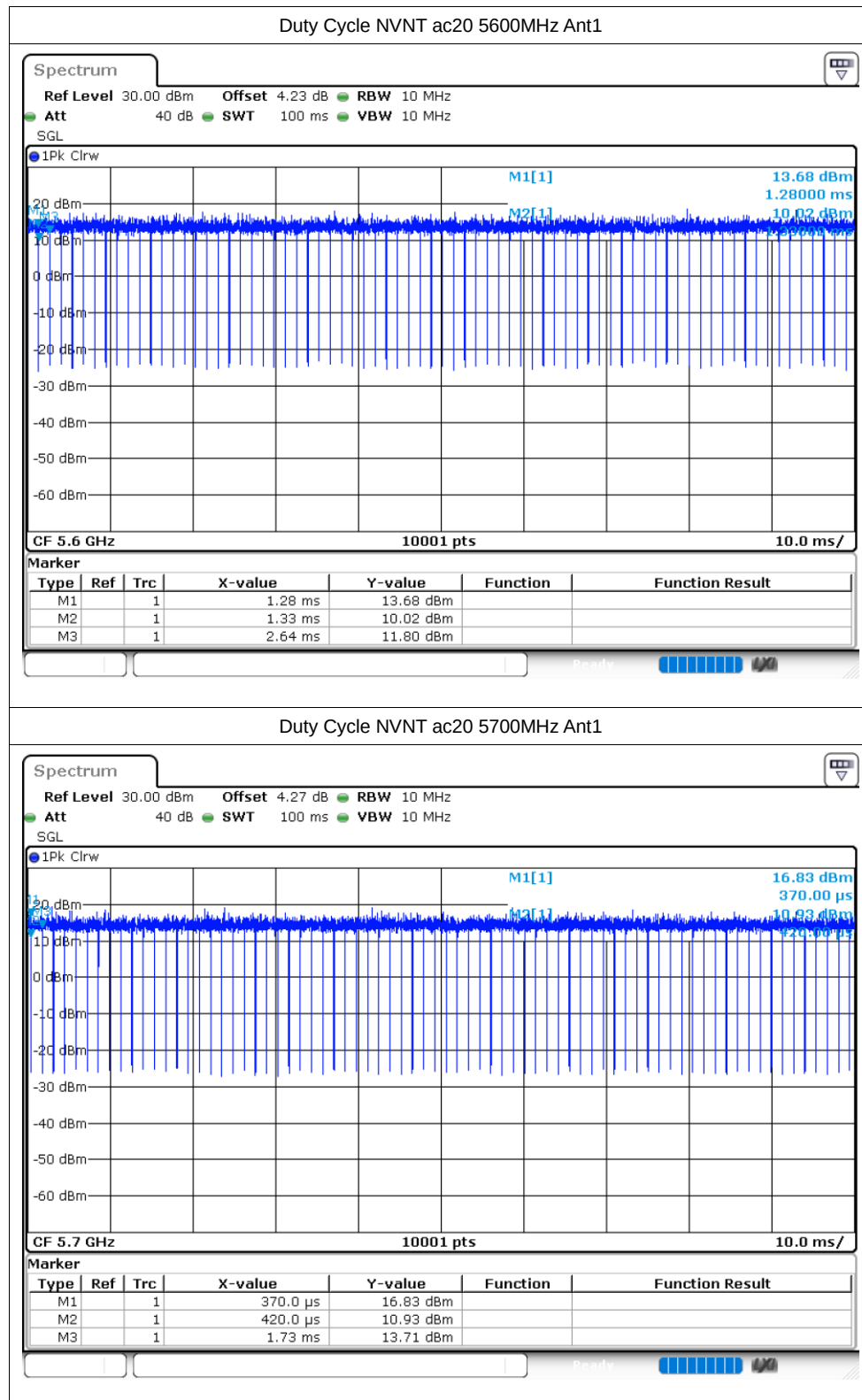


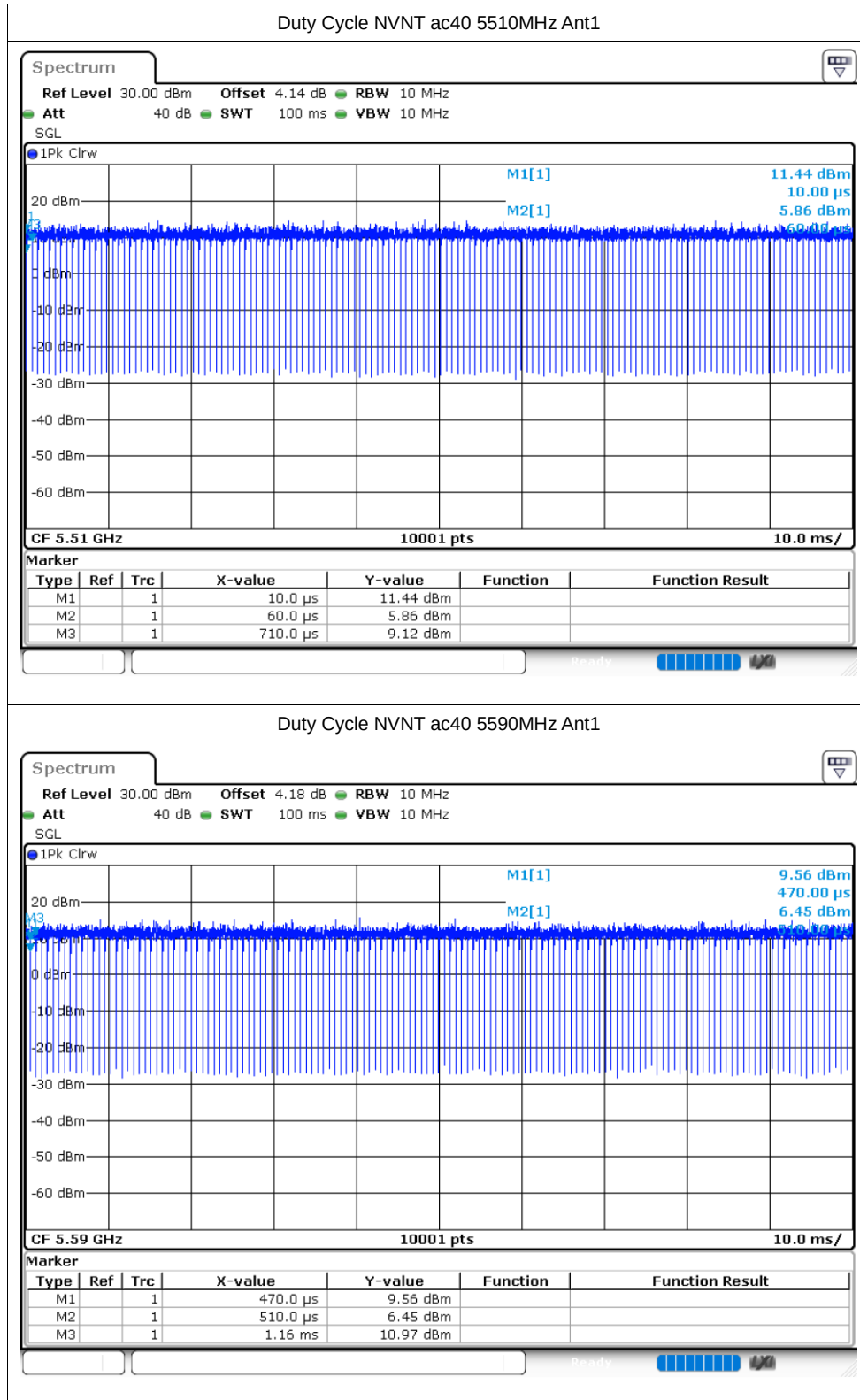


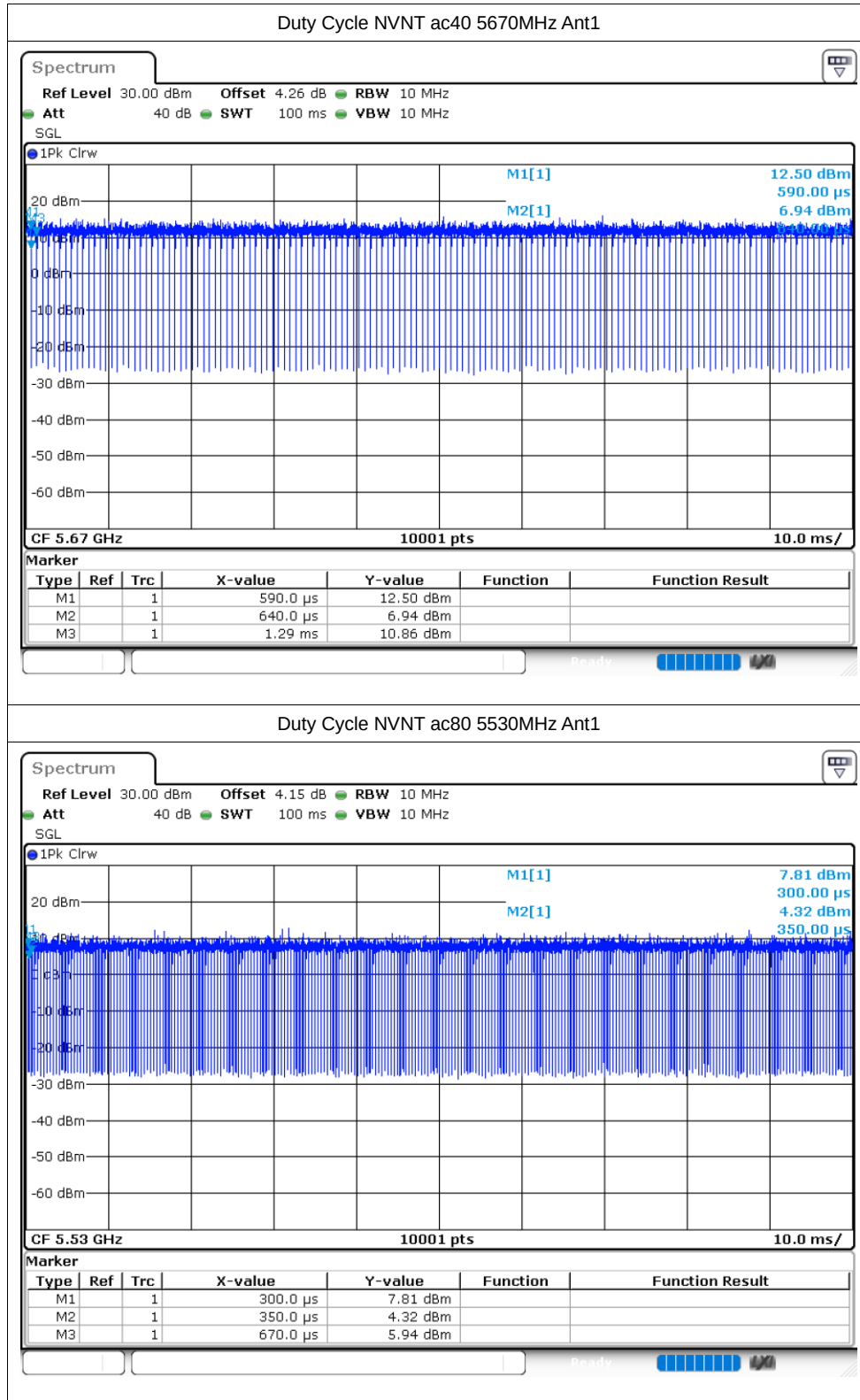


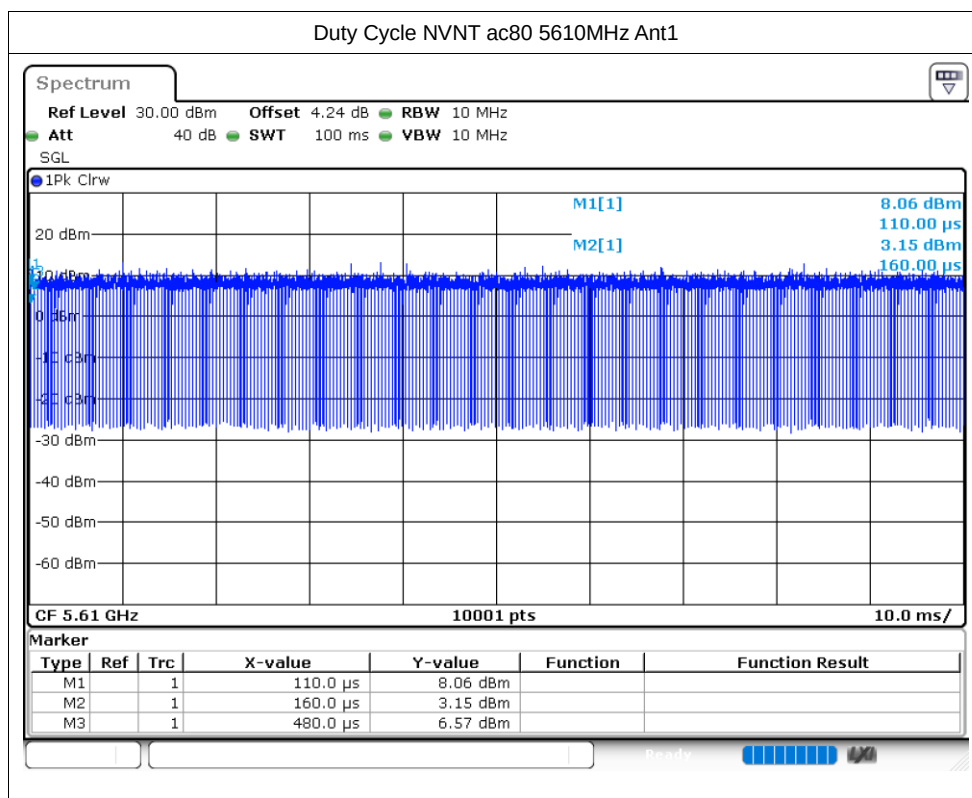












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.36	23.93	Pass
NVNT	a	5600	Ant1	10.45	23.94	Pass
NVNT	a	5700	Ant1	11.37	23.94	Pass
NVNT	n20	5500	Ant1	9.03	24	Pass
NVNT	n20	5600	Ant1	9.63	24	Pass
NVNT	n20	5700	Ant1	10.05	24	Pass
NVNT	n40	5510	Ant1	9.11	24	Pass
NVNT	n40	5590	Ant1	9.24	24	Pass
NVNT	n40	5670	Ant1	10.16	24	Pass
NVNT	ac20	5500	Ant1	9.37	24	Pass
NVNT	ac20	5600	Ant1	9.57	24	Pass
NVNT	ac20	5700	Ant1	10.35	24	Pass
NVNT	ac40	5510	Ant1	9.16	24	Pass
NVNT	ac40	5590	Ant1	9.59	24	Pass
NVNT	ac40	5670	Ant1	10.18	24	Pass
NVNT	ac80	5530	Ant1	9.2	24	Pass
NVNT	ac80	5610	Ant1	9.8	24	Pass

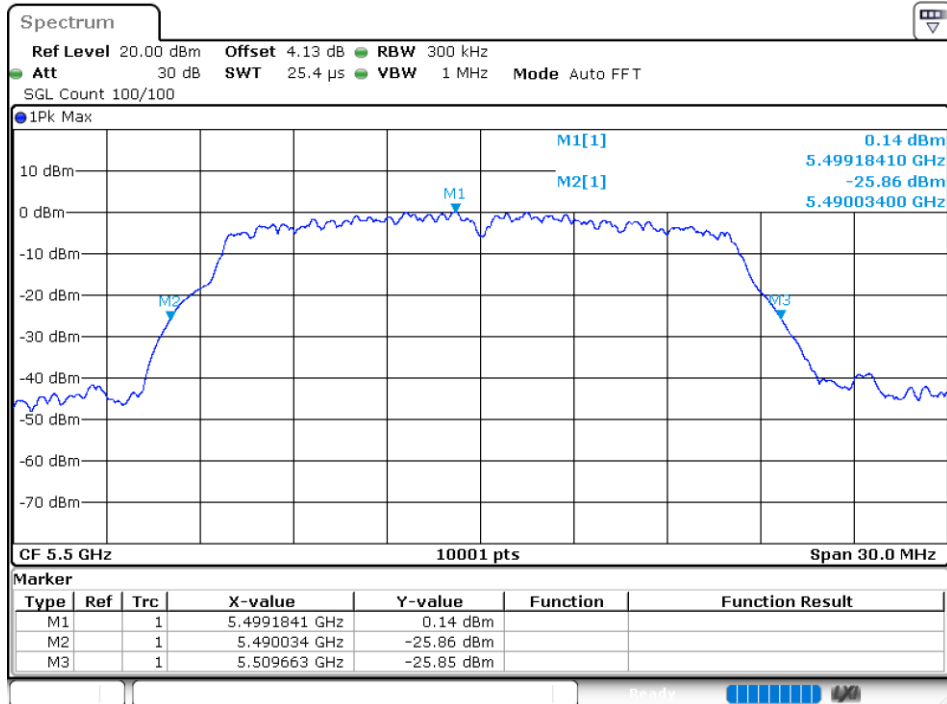
Note: The Duty Cycle factor has already been included.

-26dB Bandwidth

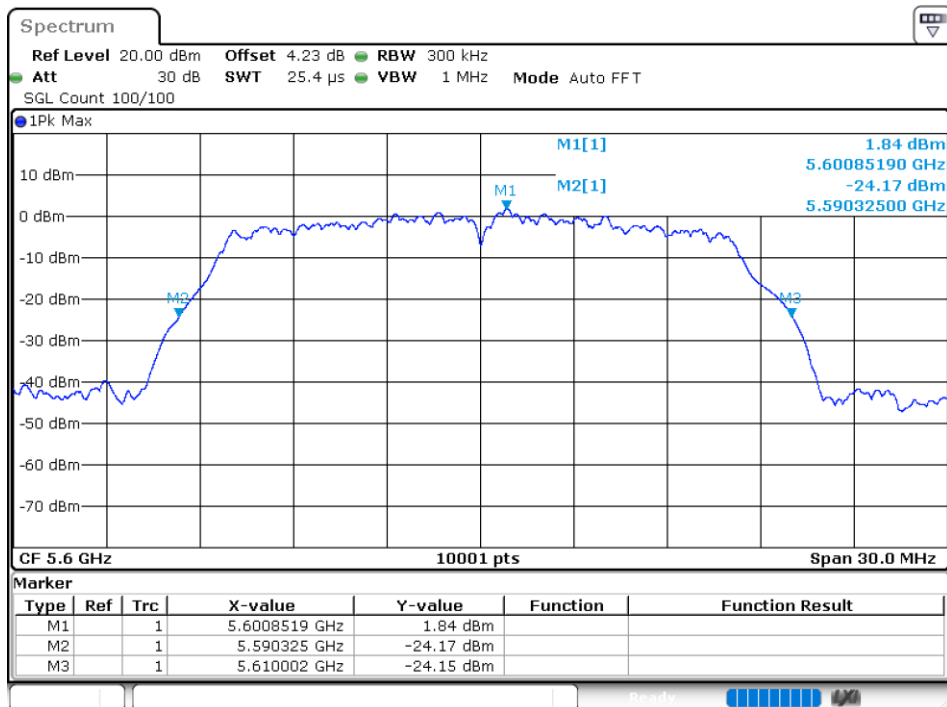
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5500	Ant1	19.629
NVNT	a	5600	Ant1	19.677
NVNT	a	5700	Ant1	19.695
NVNT	n20	5500	Ant1	20.271
NVNT	n20	5600	Ant1	19.992
NVNT	n20	5700	Ant1	20.16
NVNT	n40	5510	Ant1	41.16
NVNT	n40	5590	Ant1	40.71
NVNT	n40	5670	Ant1	40.566
NVNT	ac20	5500	Ant1	20.391
NVNT	ac20	5600	Ant1	20.049
NVNT	ac20	5700	Ant1	20.268
NVNT	ac40	5510	Ant1	40.674
NVNT	ac40	5590	Ant1	40.83
NVNT	ac40	5670	Ant1	40.698
NVNT	ac80	5530	Ant1	80.988
NVNT	ac80	5610	Ant1	81.084

Test Graphs

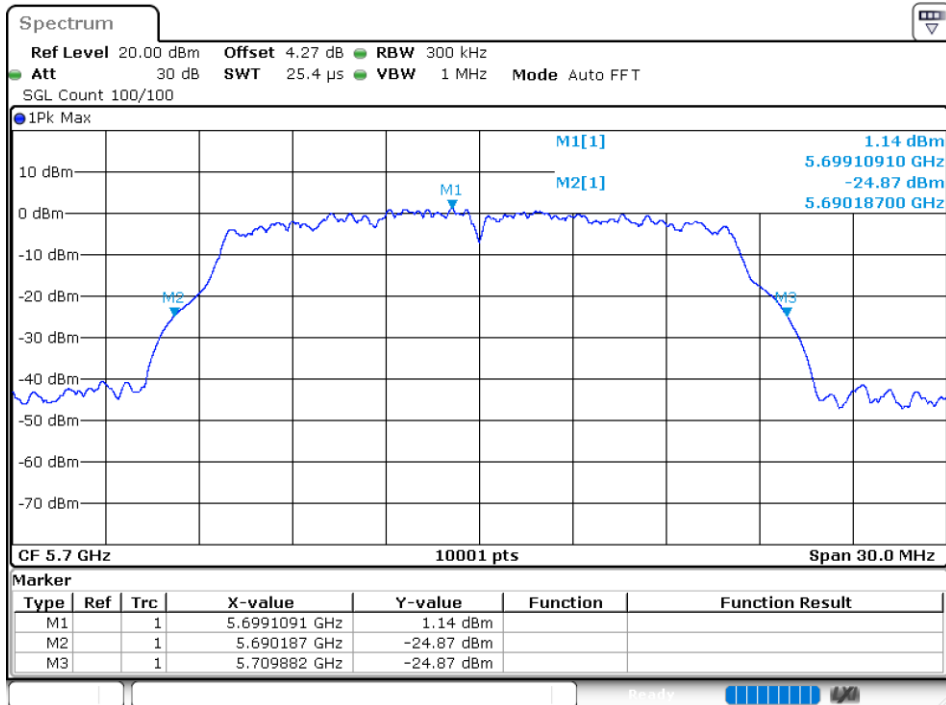
-26dB Bandwidth NVNT a 5500MHz Ant1



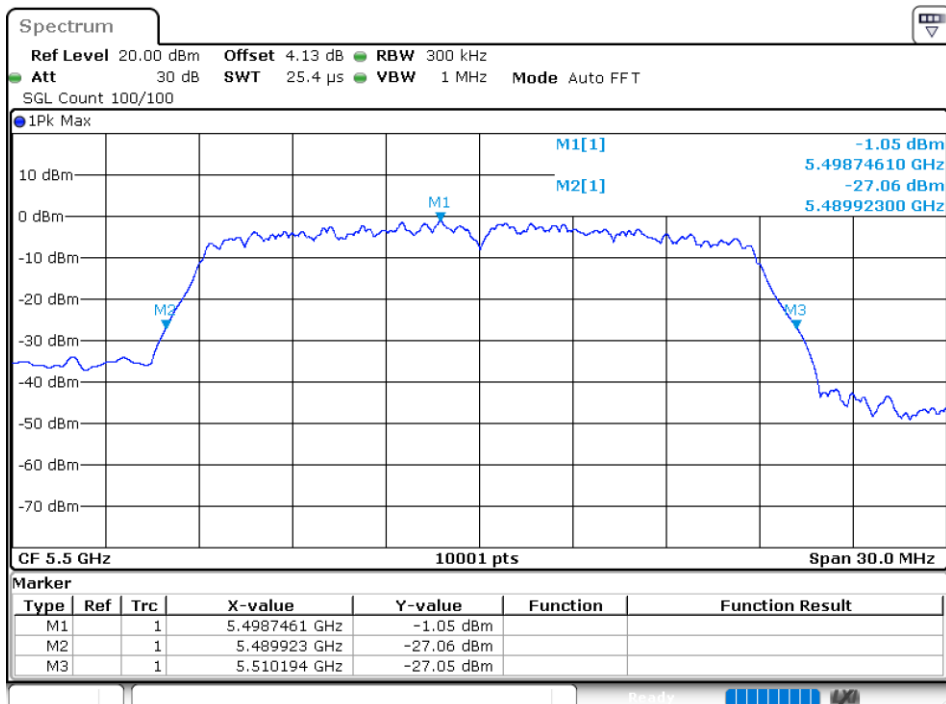
-26dB Bandwidth NVNT a 5600MHz Ant1



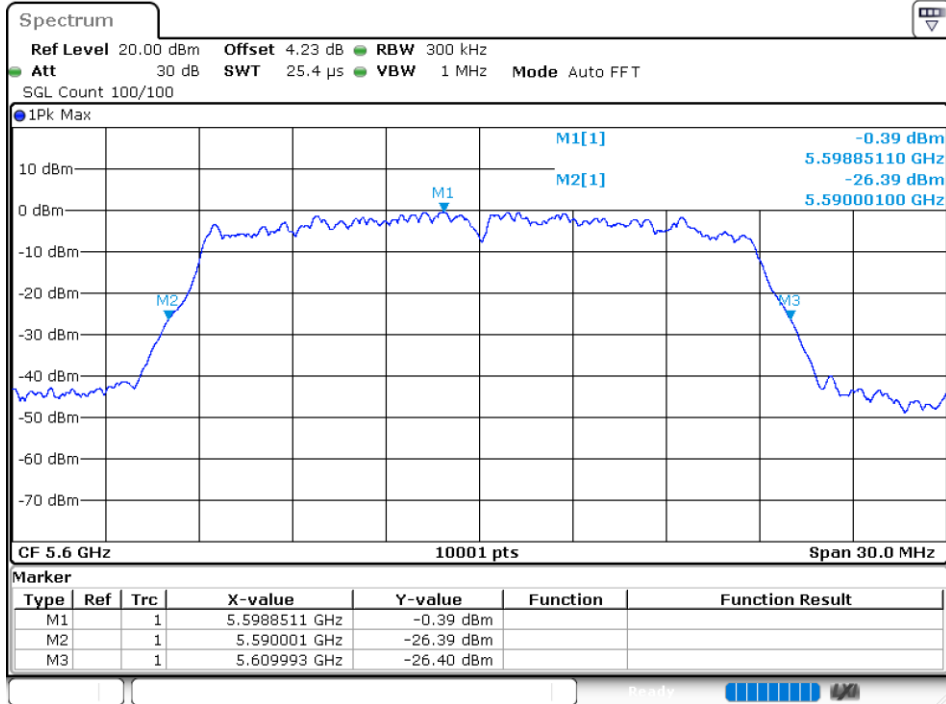
-26dB Bandwidth NVNT a 5700MHz Ant1



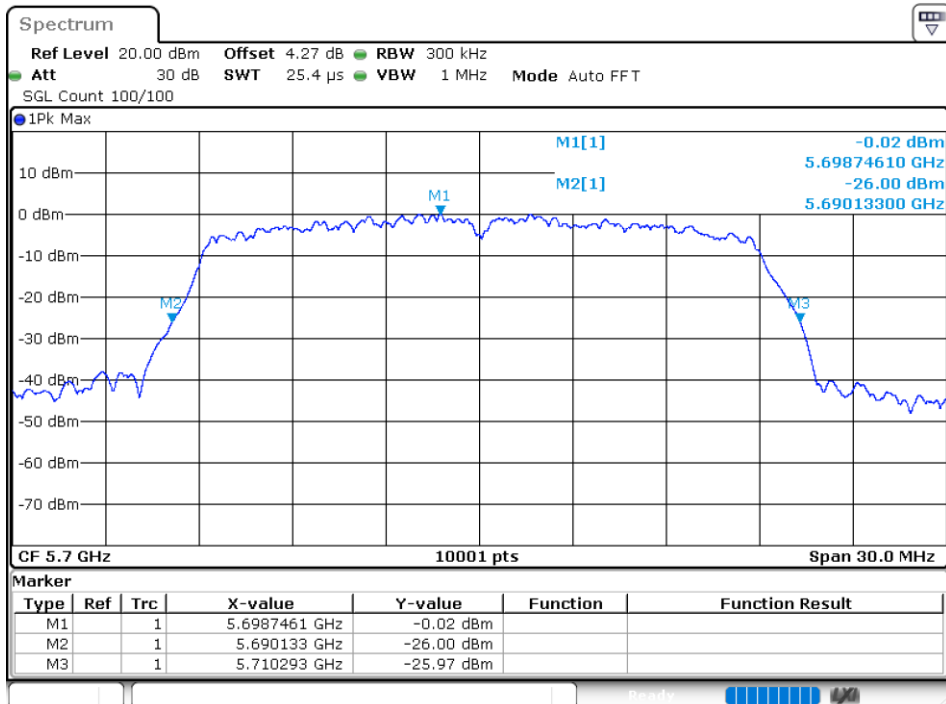
-26dB Bandwidth NVNT n20 5500MHz Ant1

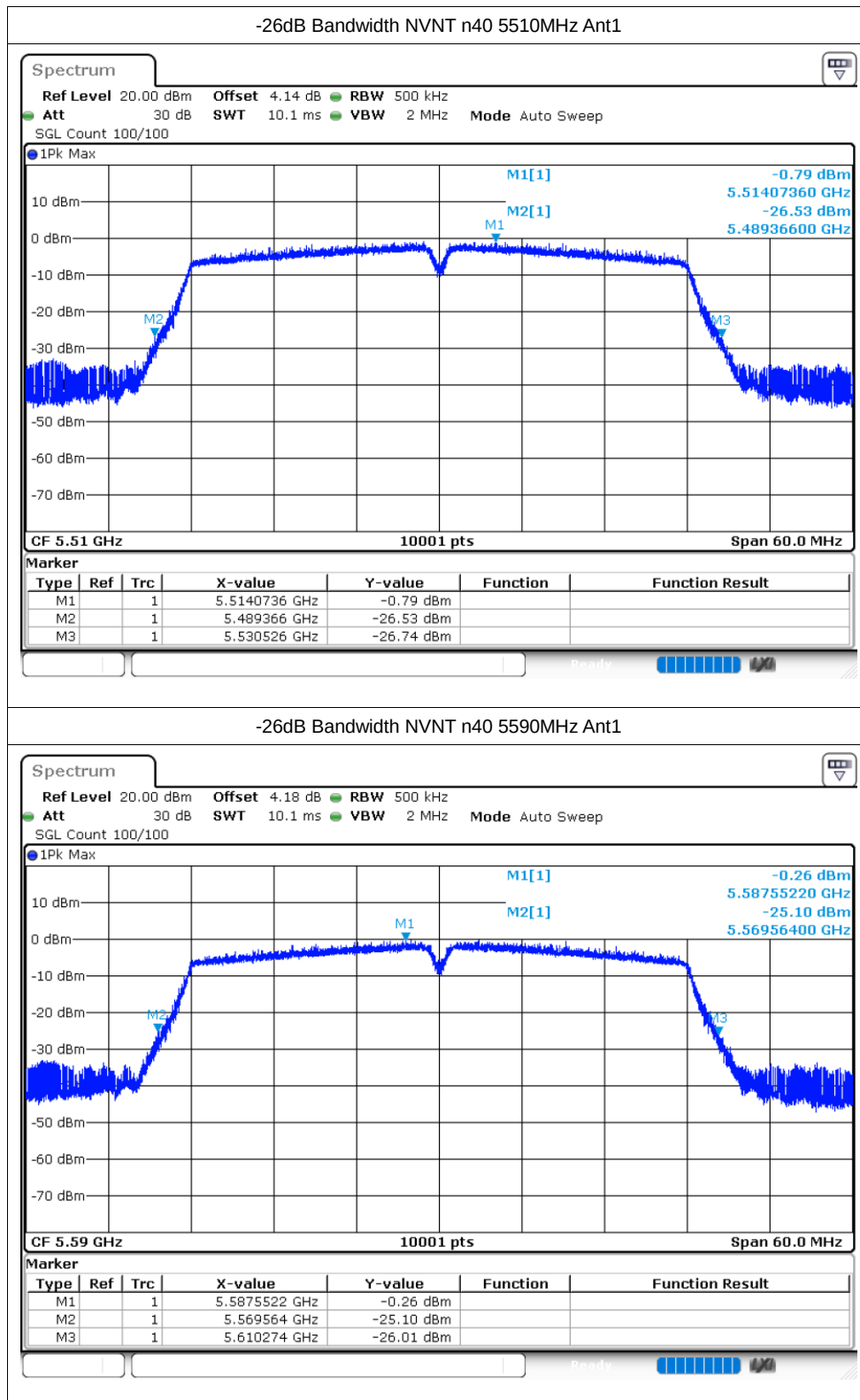


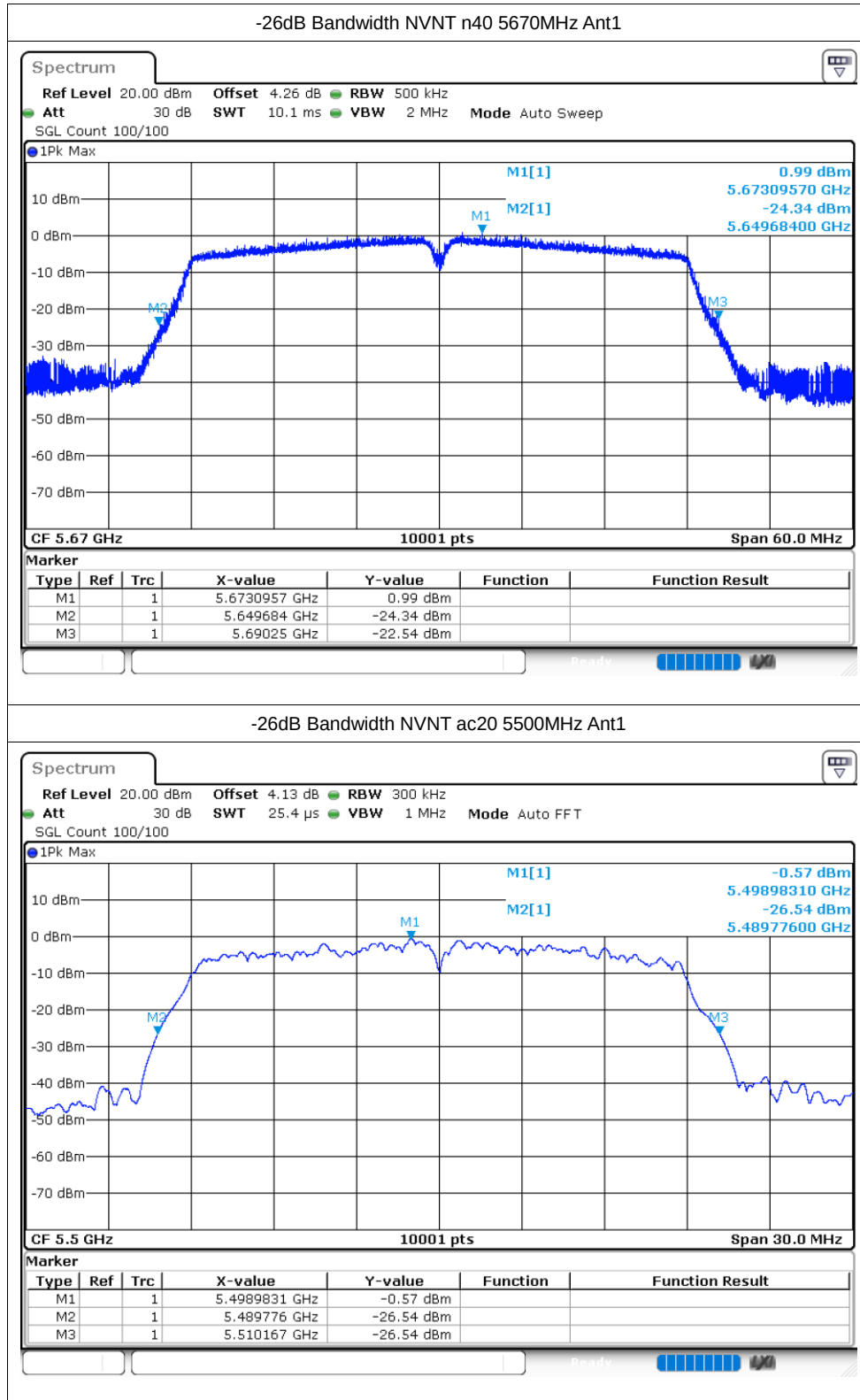
-26dB Bandwidth NVNT n20 5600MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1





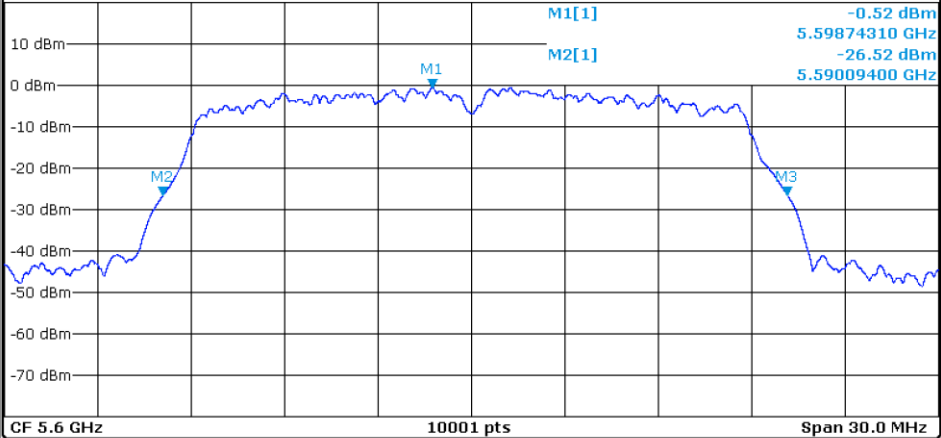


-26dB Bandwidth NVNT ac20 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 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

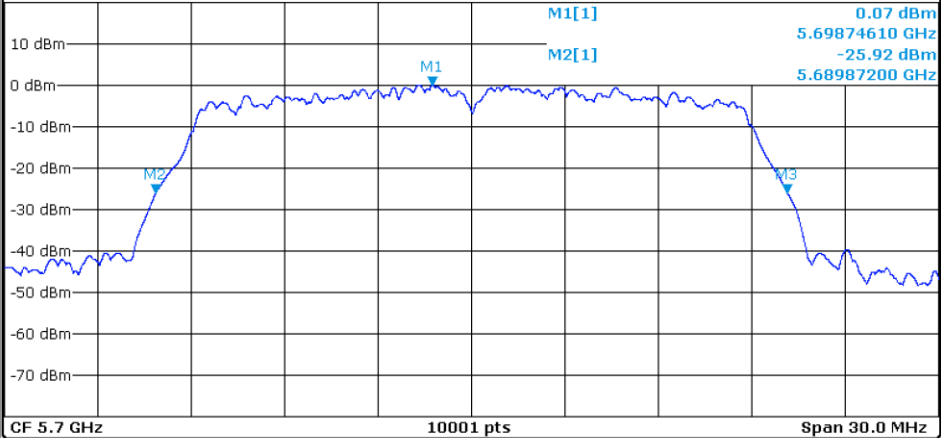
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5987431 GHz	-0.52 dBm		
M2		1	5.590094 GHz	-26.52 dBm		
M3		1	5.610143 GHz	-26.52 dBm		

-26dB Bandwidth NVNT ac20 5700MHz Ant1

Spectrum

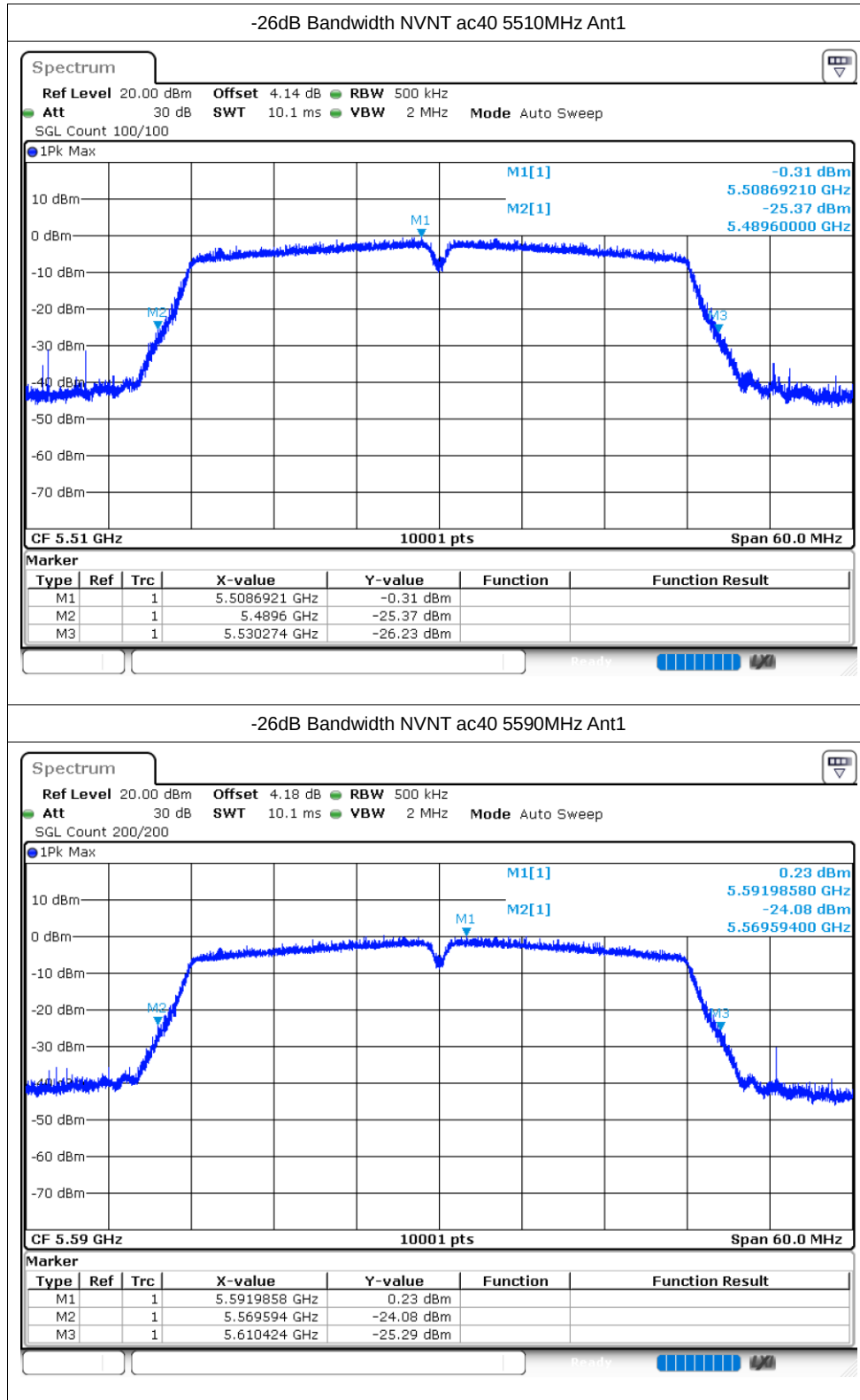
Ref Level 20.00 dBm Offset 4.27 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

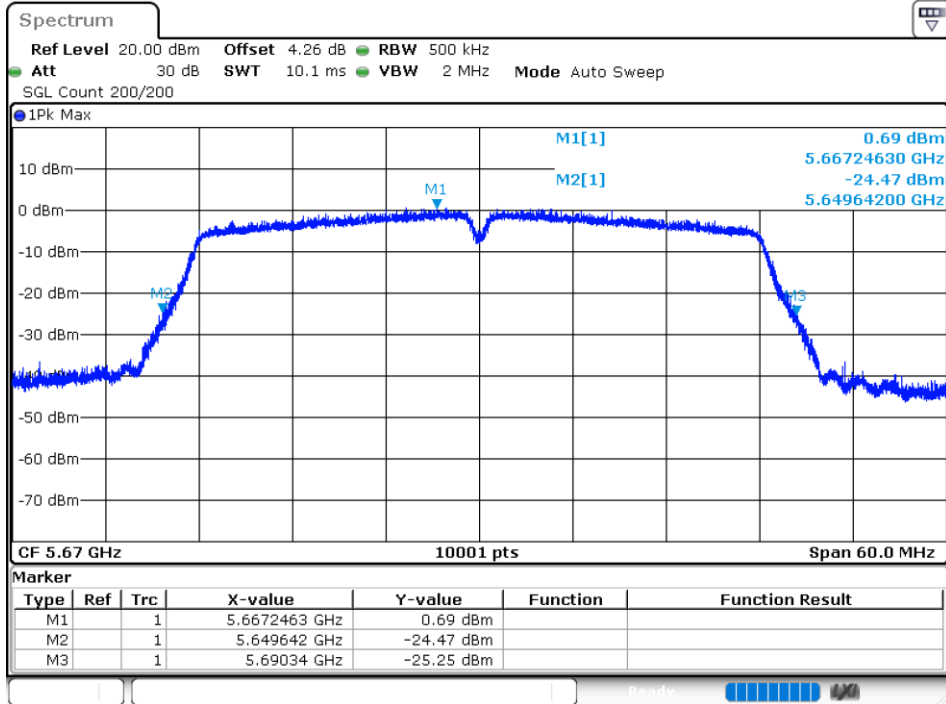


Marker

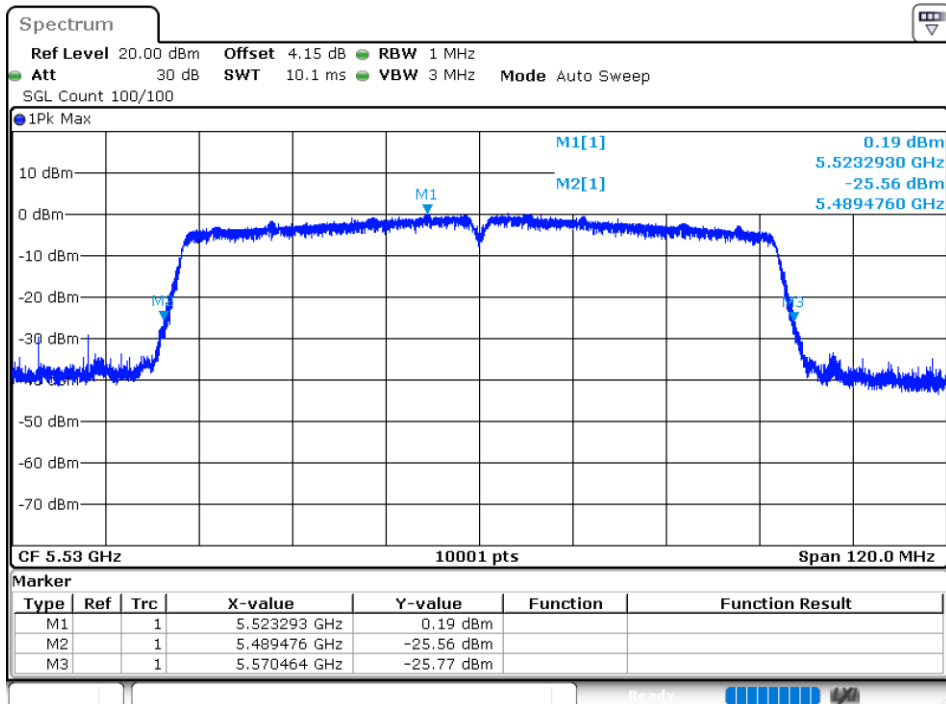
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6987461 GHz	0.07 dBm		
M2		1	5.689872 GHz	-25.92 dBm		
M3		1	5.71014 GHz	-25.93 dBm		

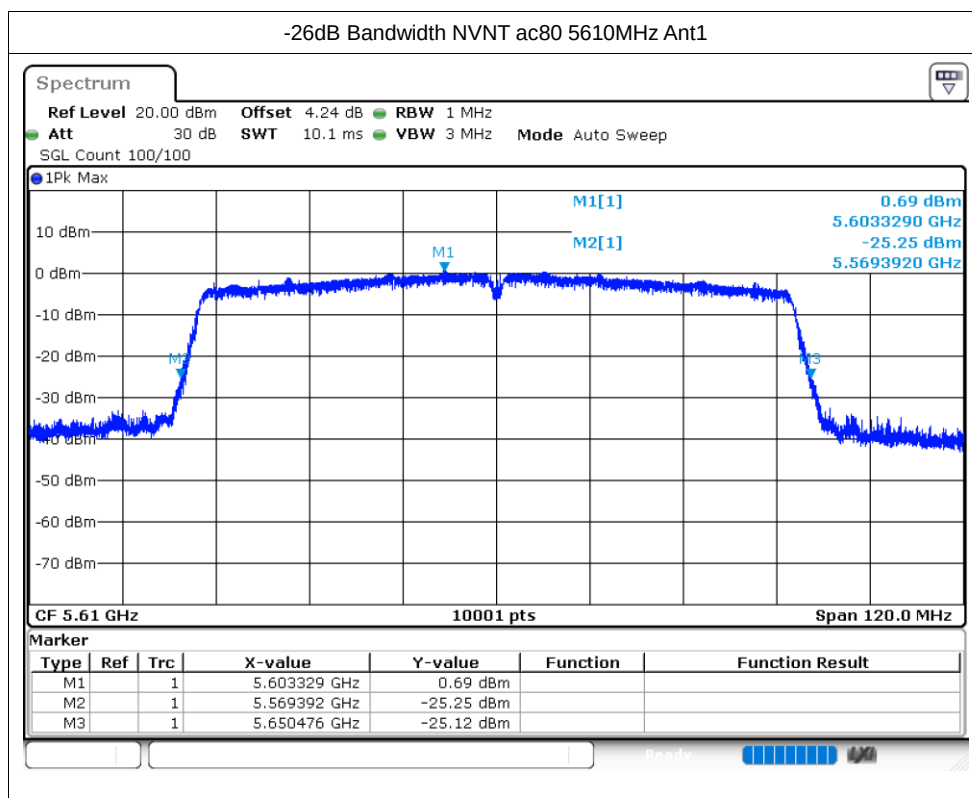


-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant1



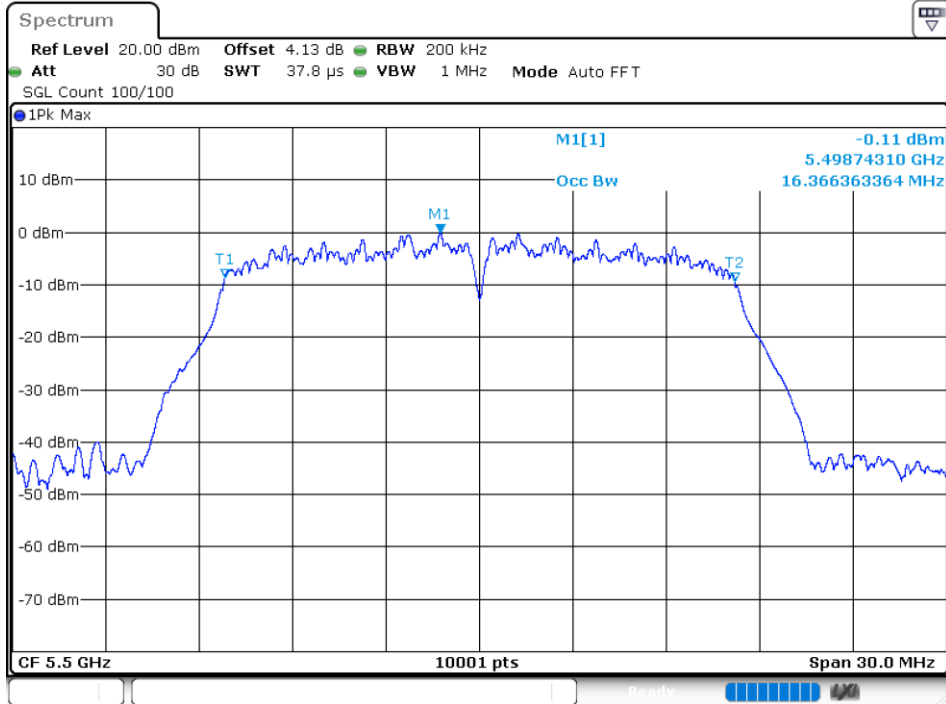


Occupied Channel Bandwidth

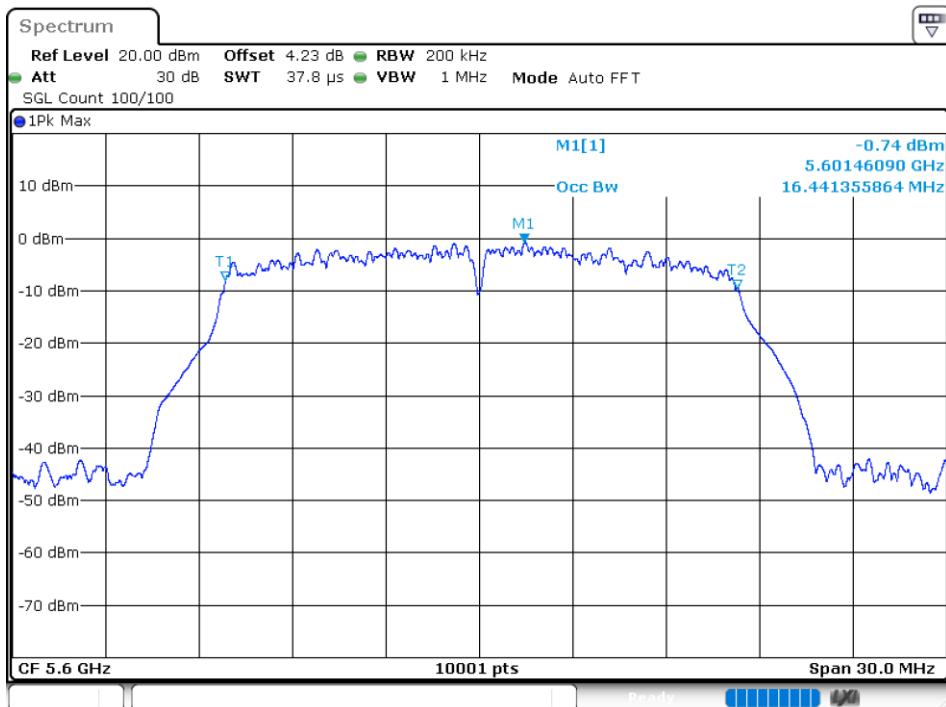
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.366
NVNT	a	5600	Ant1	16.441
NVNT	a	5700	Ant1	16.369
NVNT	n20	5500	Ant1	17.593
NVNT	n20	5600	Ant1	17.542
NVNT	n20	5700	Ant1	17.563
NVNT	n40	5510	Ant1	36.044
NVNT	n40	5590	Ant1	36.014
NVNT	n40	5670	Ant1	36.008
NVNT	ac20	5500	Ant1	17.527
NVNT	ac20	5600	Ant1	17.563
NVNT	ac20	5700	Ant1	17.47
NVNT	ac40	5510	Ant1	36.068
NVNT	ac40	5590	Ant1	35.978
NVNT	ac40	5670	Ant1	36.008
NVNT	ac80	5530	Ant1	75.208
NVNT	ac80	5610	Ant1	75.172

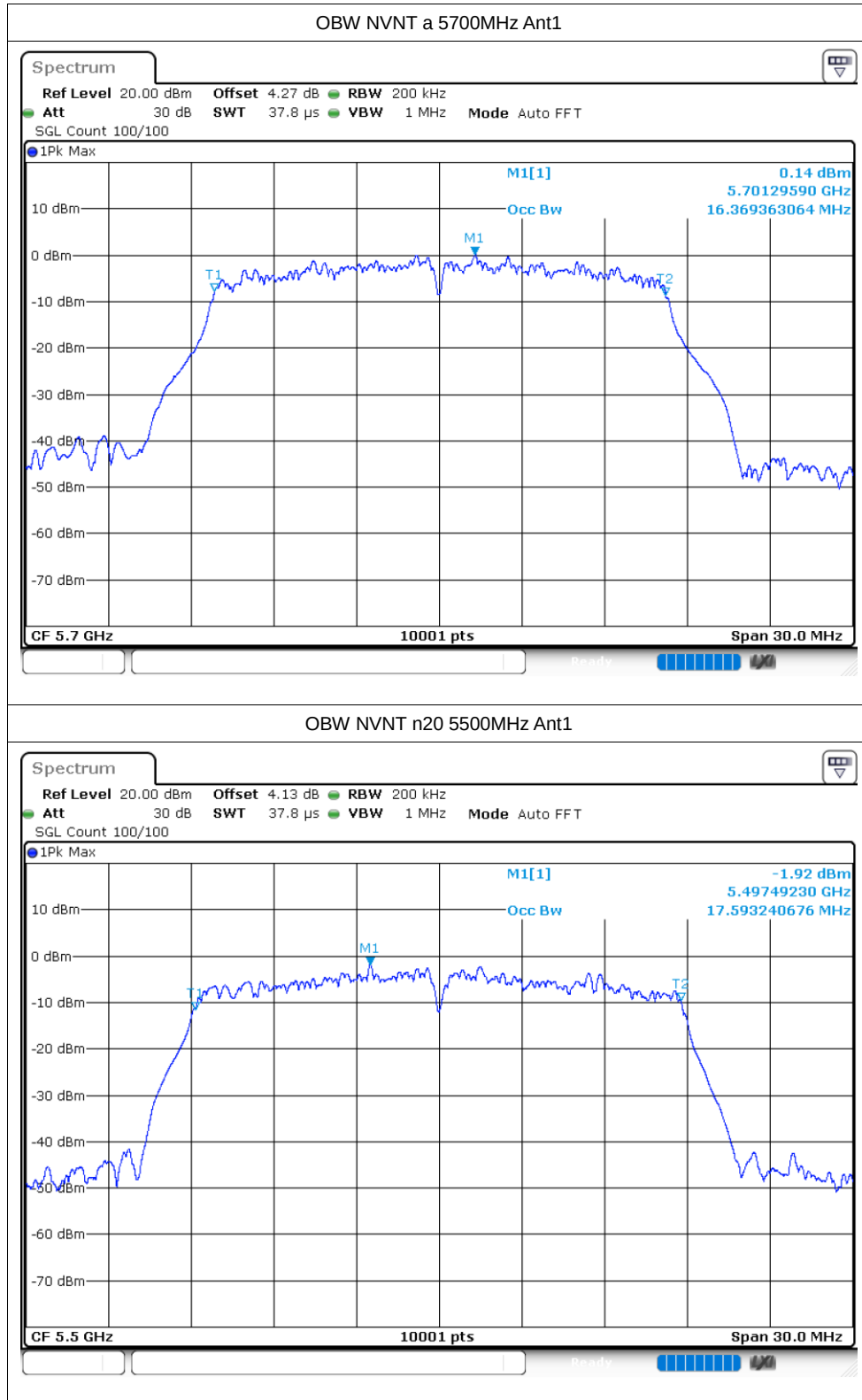
Test Graphs

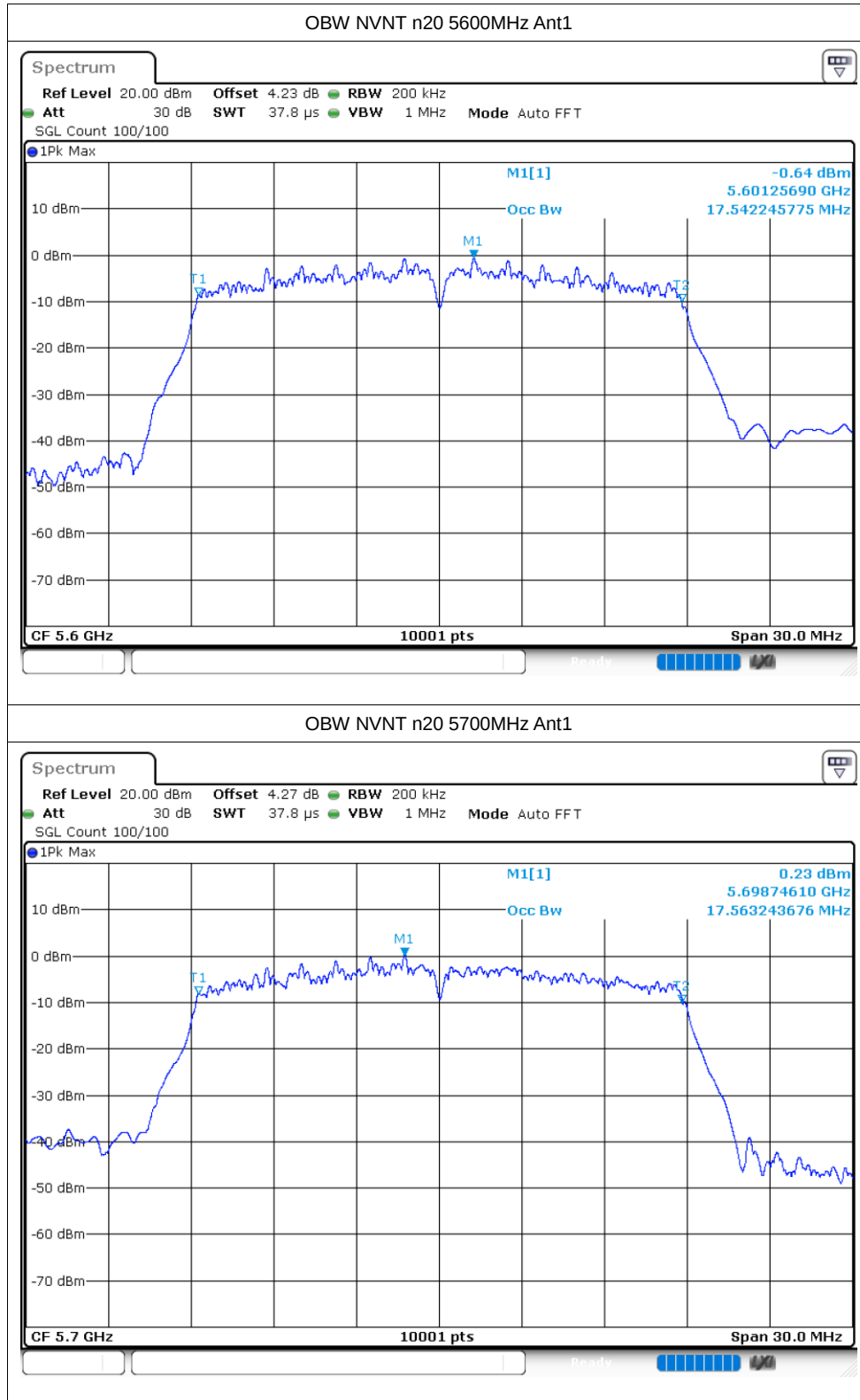
OBW NVNT a 5500MHz Ant1

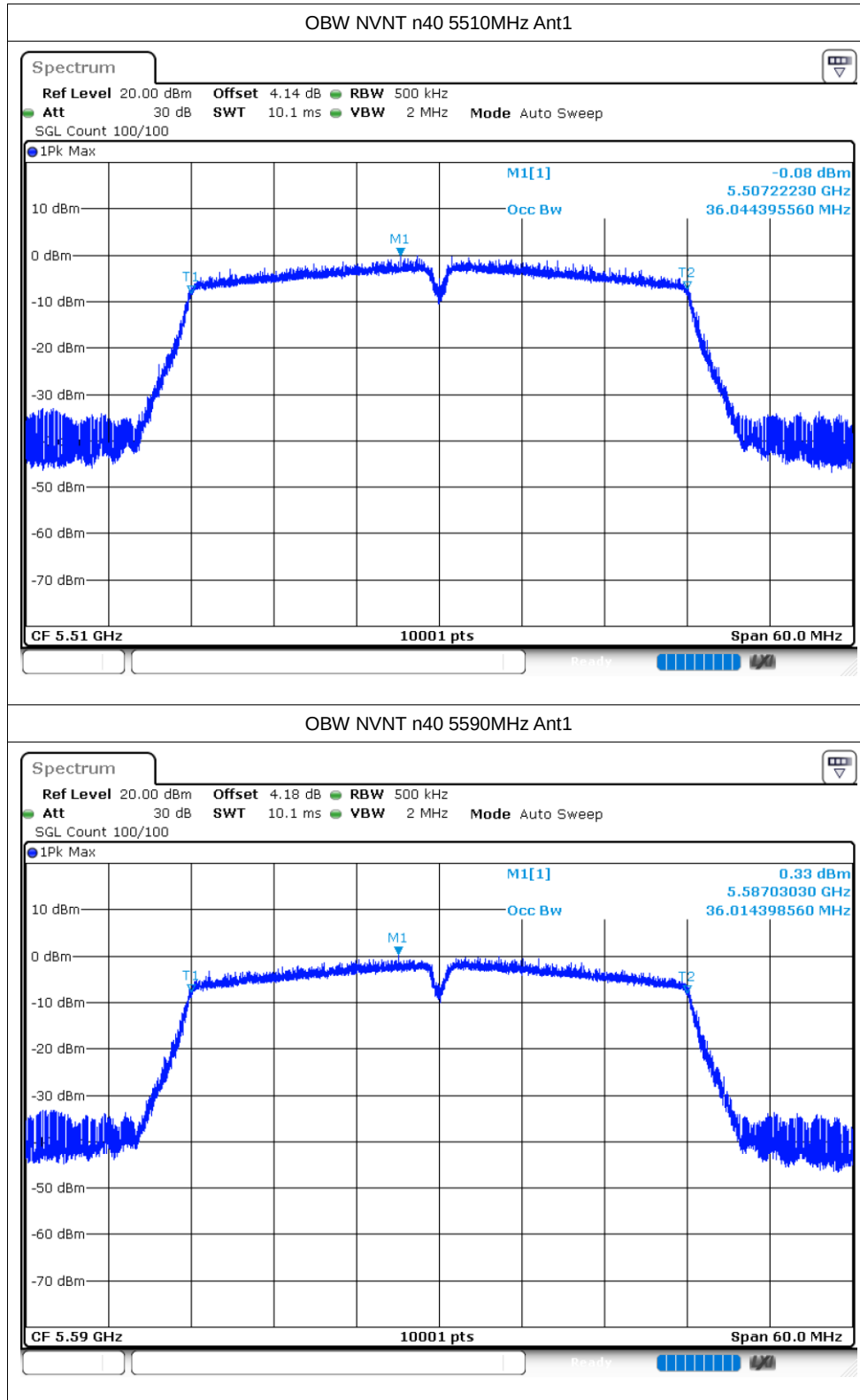


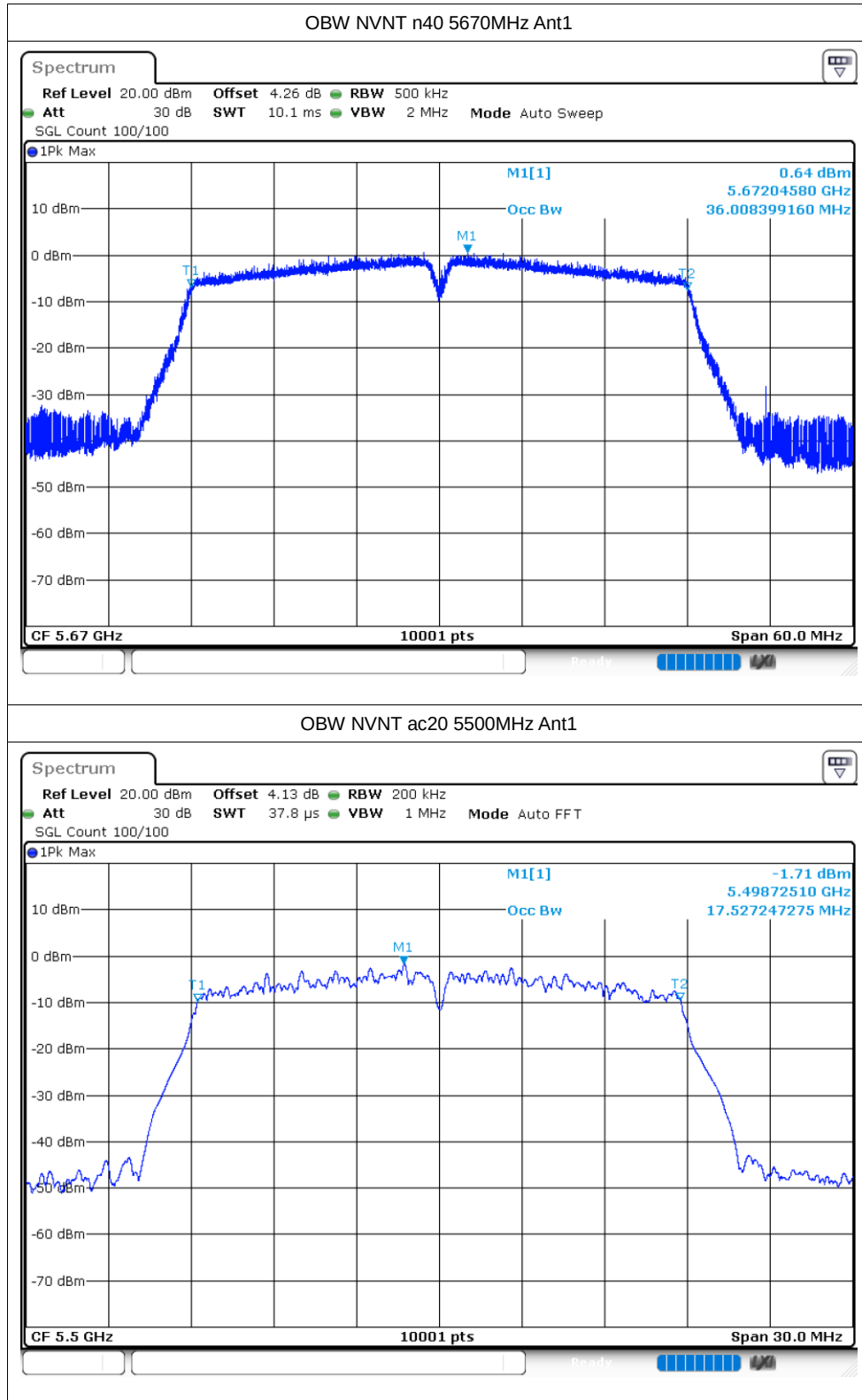
OBW NVNT a 5600MHz Ant1

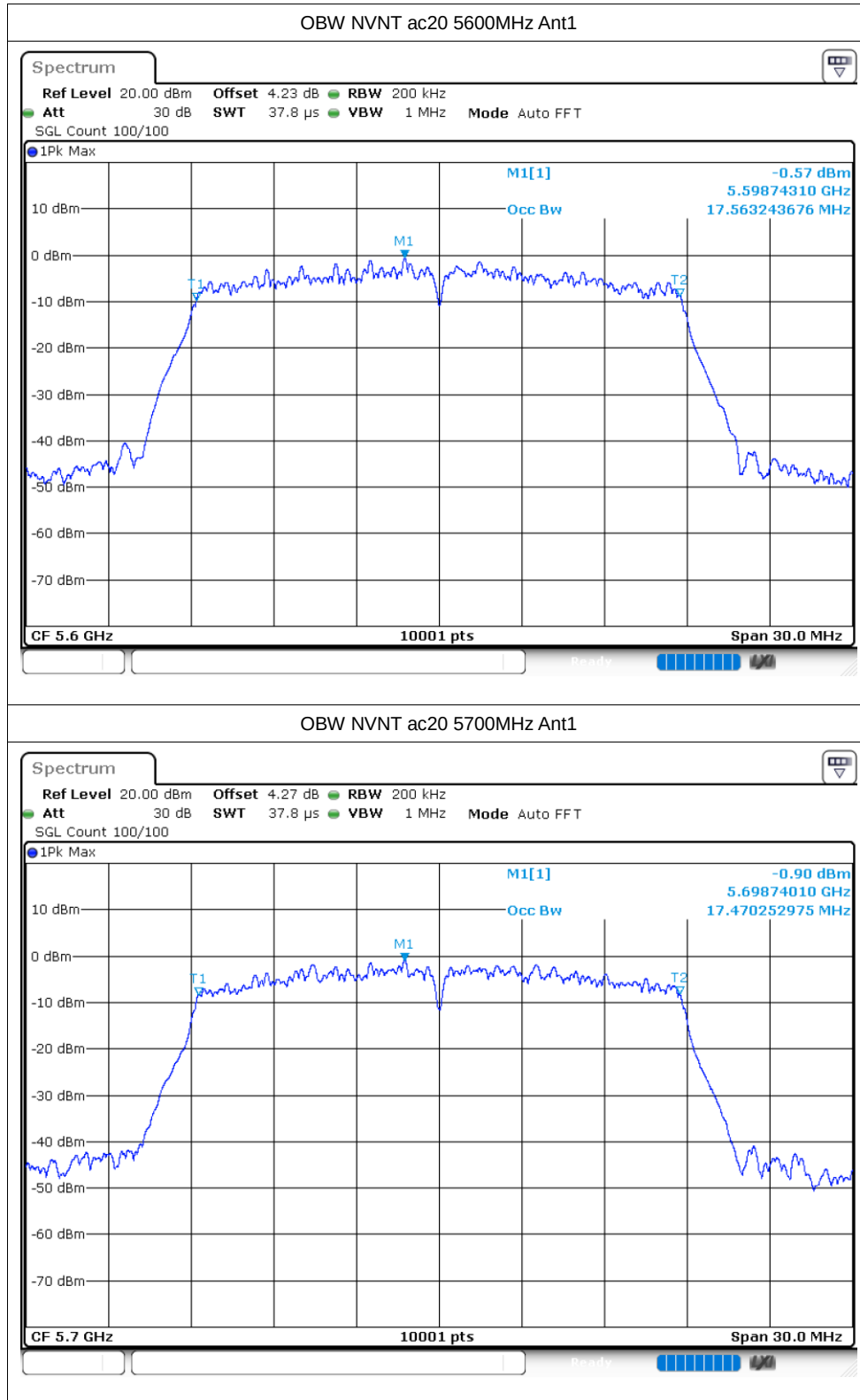


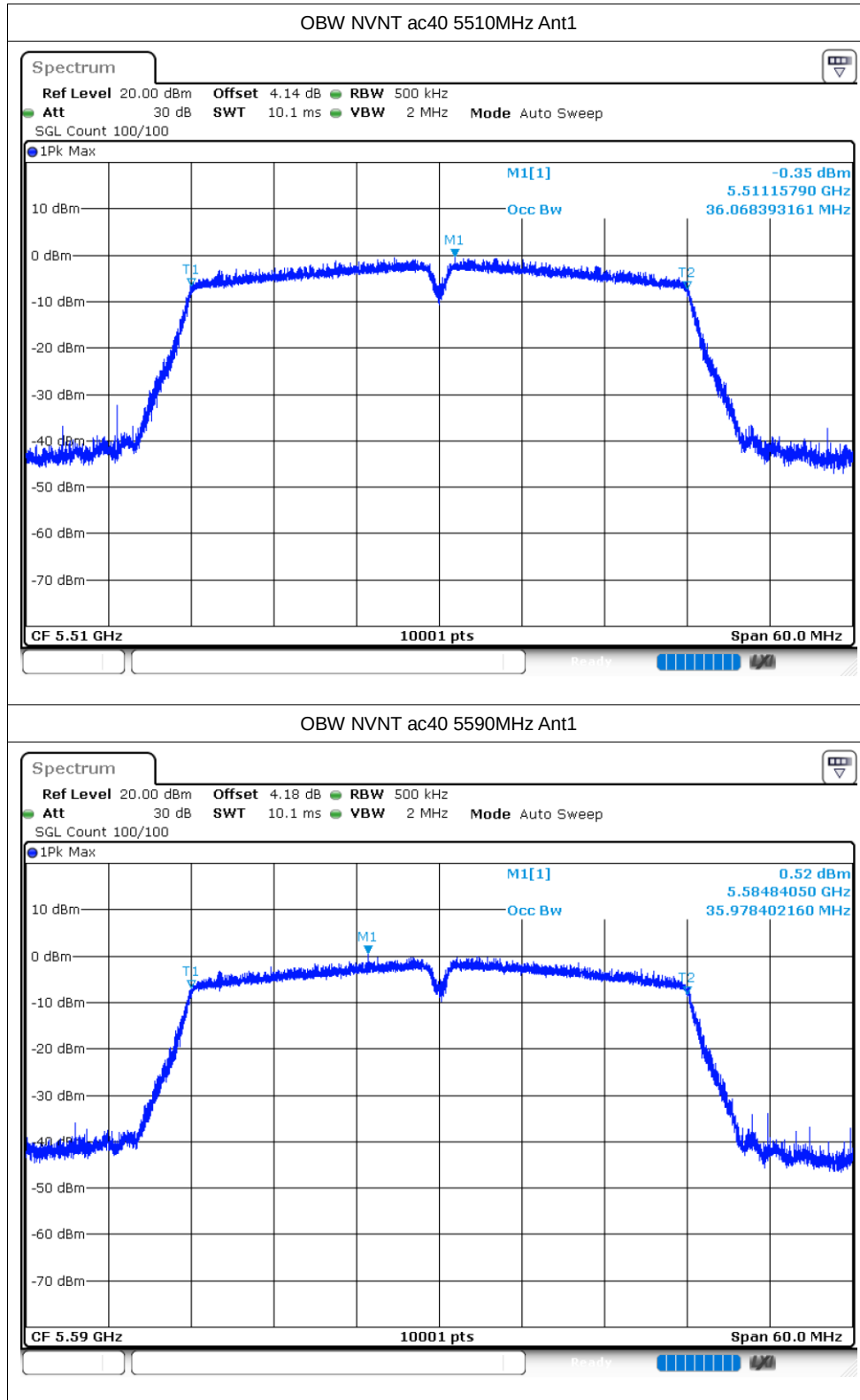


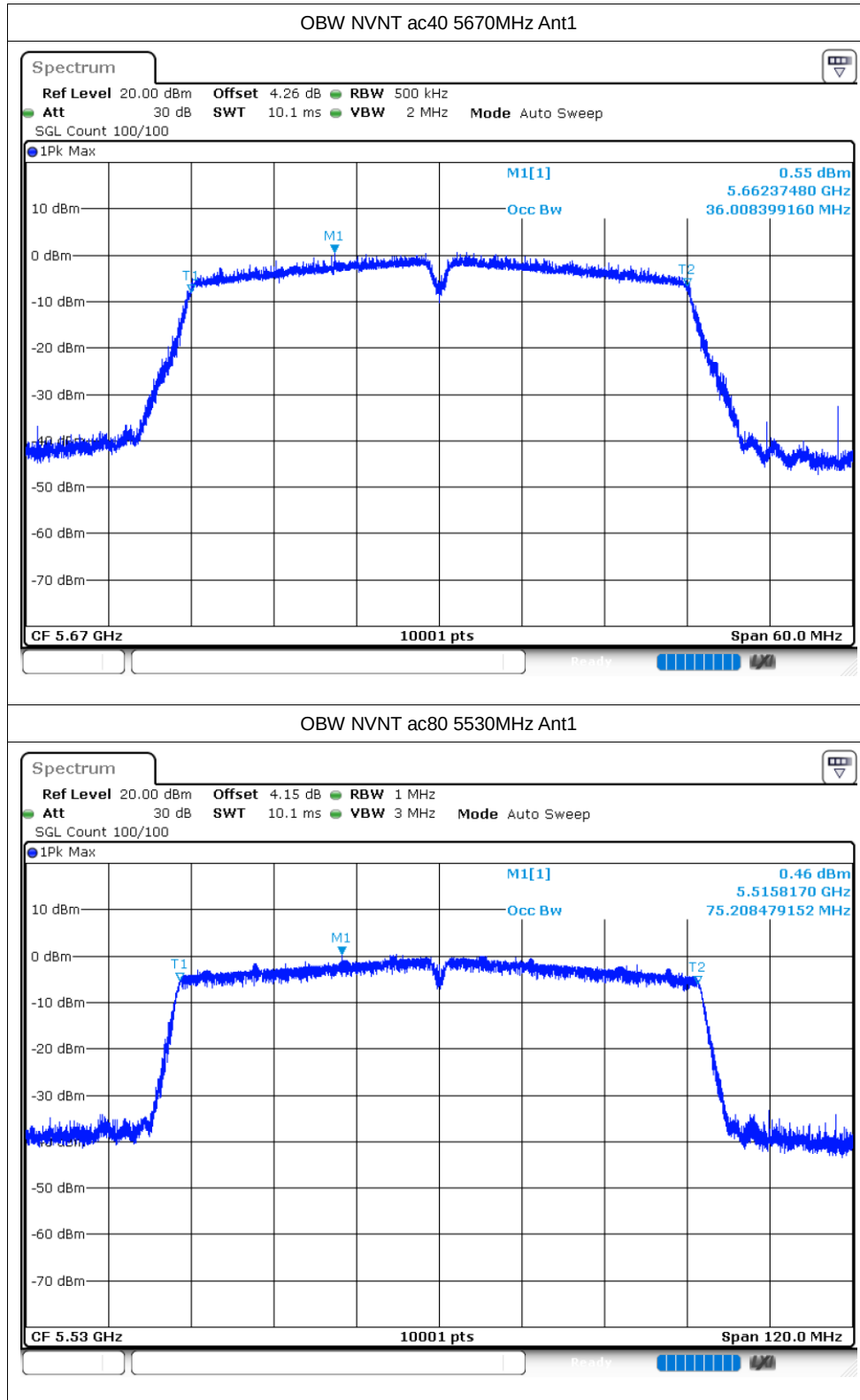


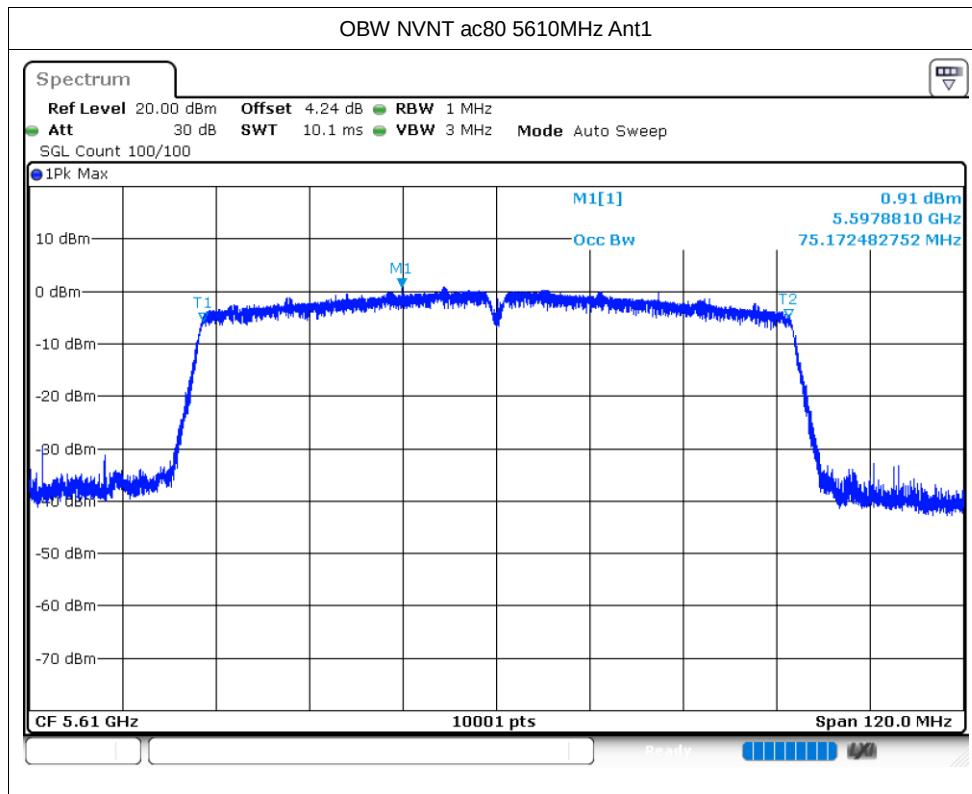










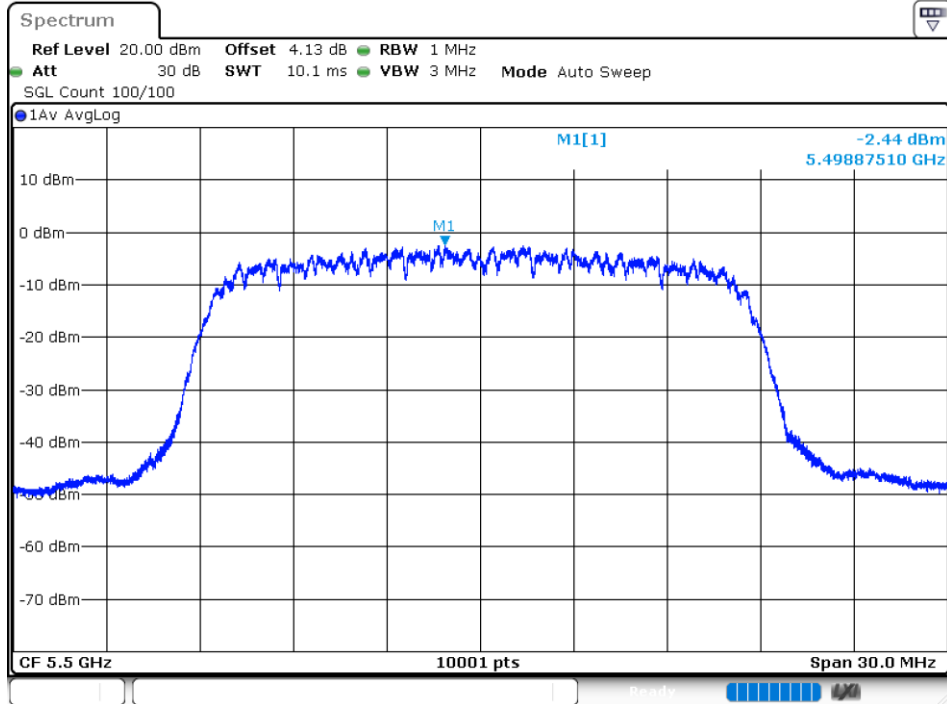


Maximum Power Spectral Density Level

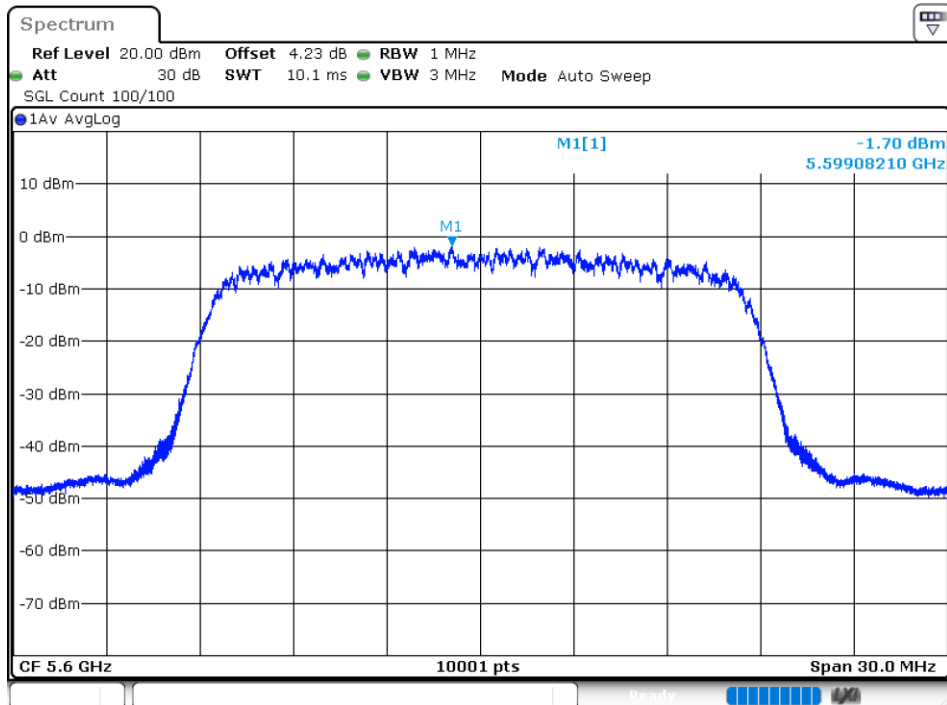
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-2.44	0.11	-2.33	11	Pass
NVNT	a	5600	Ant1	-1.7	0.1	-1.6	11	Pass
NVNT	a	5700	Ant1	-1.24	0.11	-1.13	11	Pass
NVNT	n20	5500	Ant1	-3.8	0.11	-3.69	11	Pass
NVNT	n20	5600	Ant1	-2.93	0.11	-2.82	11	Pass
NVNT	n20	5700	Ant1	-2.44	0.11	-2.33	11	Pass
NVNT	n40	5510	Ant1	-8.02	0.22	-7.8	11	Pass
NVNT	n40	5590	Ant1	-7.27	0.22	-7.05	11	Pass
NVNT	n40	5670	Ant1	-6.33	0.22	-6.11	11	Pass
NVNT	ac20	5500	Ant1	-4.18	0.11	-4.07	11	Pass
NVNT	ac20	5600	Ant1	-2.92	0.11	-2.81	11	Pass
NVNT	ac20	5700	Ant1	-2.75	0.11	-2.64	11	Pass
NVNT	ac40	5510	Ant1	-6.82	0.22	-6.6	11	Pass
NVNT	ac40	5590	Ant1	-6.66	0.22	-6.44	11	Pass
NVNT	ac40	5670	Ant1	-6.42	0.22	-6.2	11	Pass
NVNT	ac80	5530	Ant1	-12.31	0.43	-11.88	11	Pass
NVNT	ac80	5610	Ant1	-11.78	0.43	-11.35	11	Pass

Test Graphs

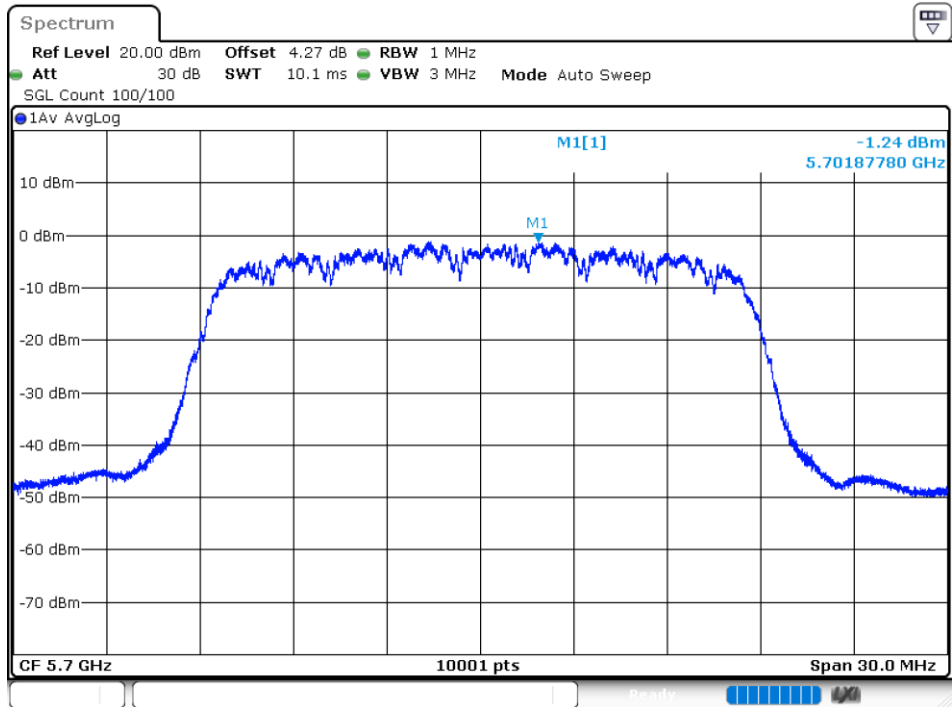
PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1



PSD NVNT a 5700MHz Ant1



PSD NVNT n20 5500MHz Ant1

