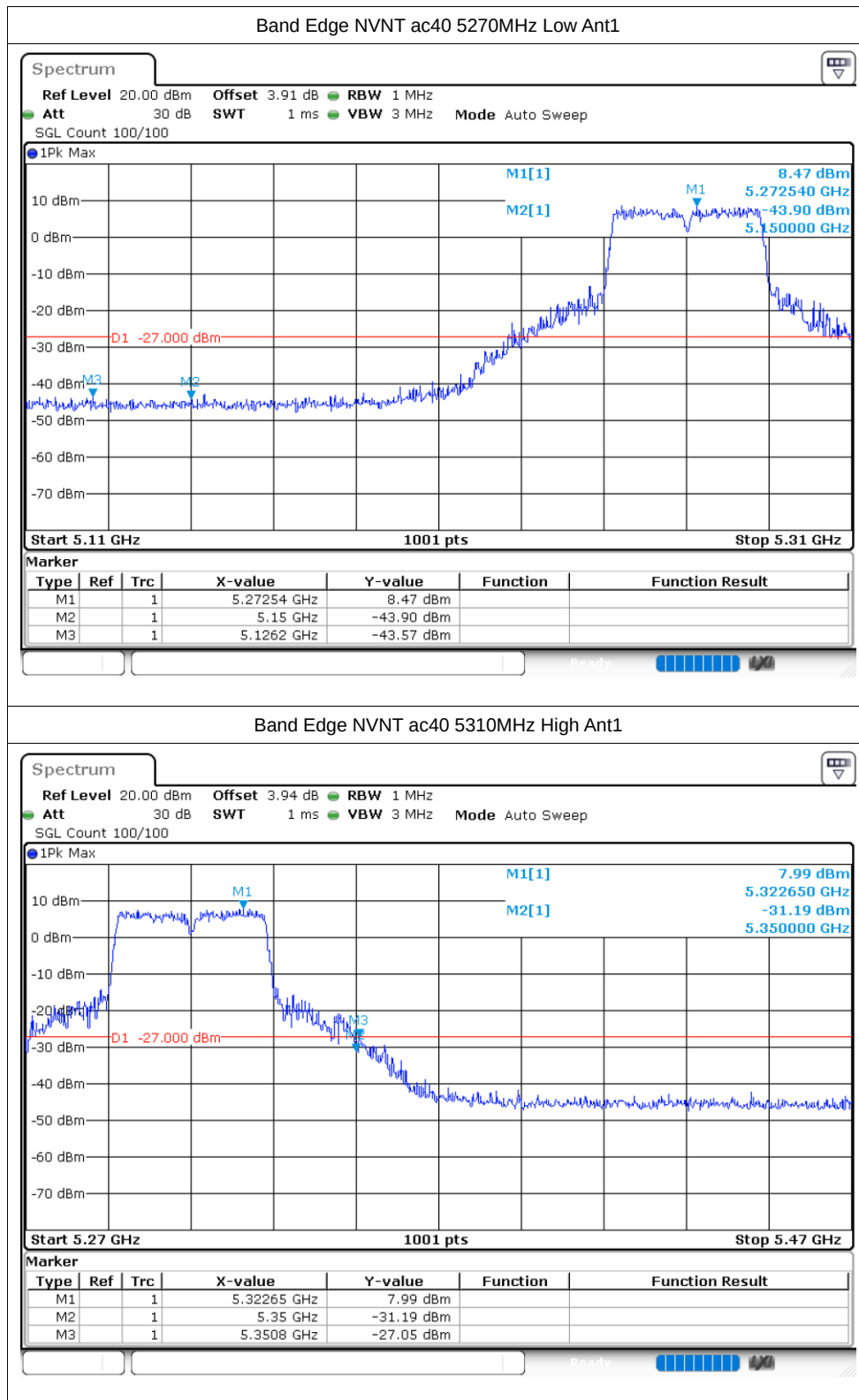
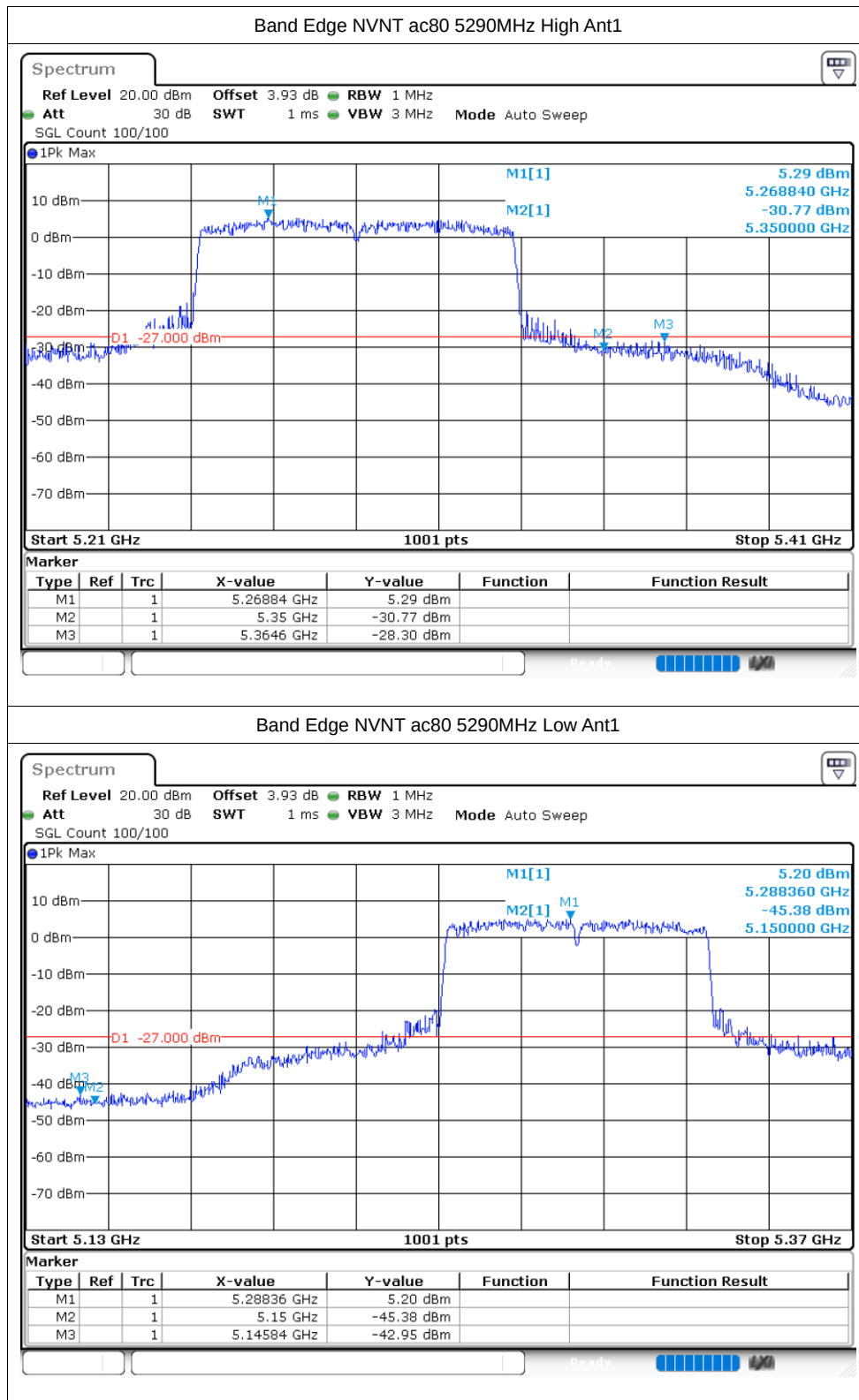




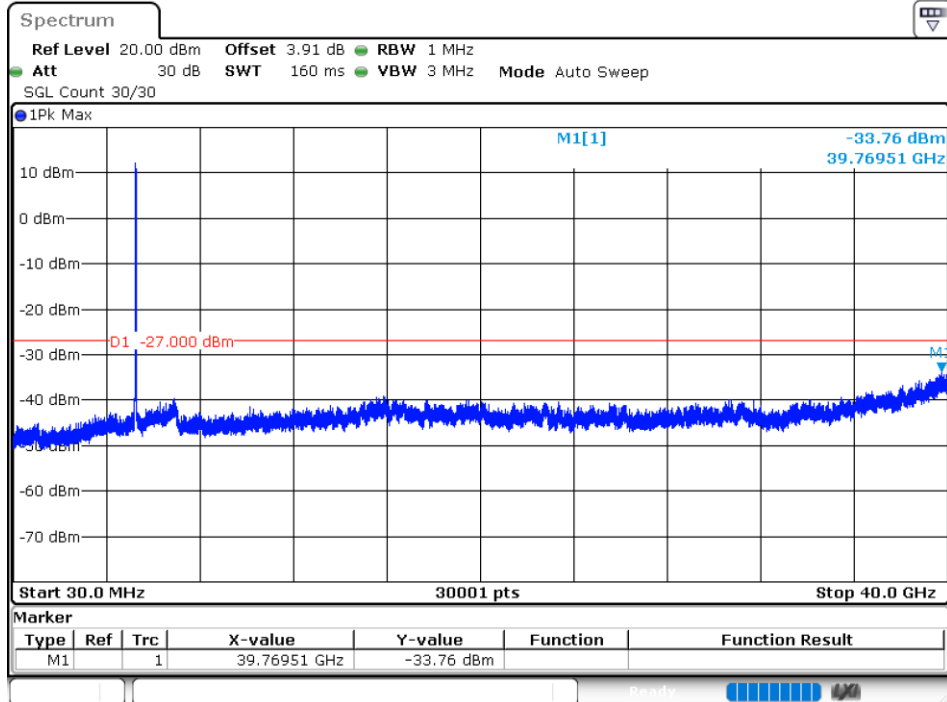


Conducted RF Spurious Emission

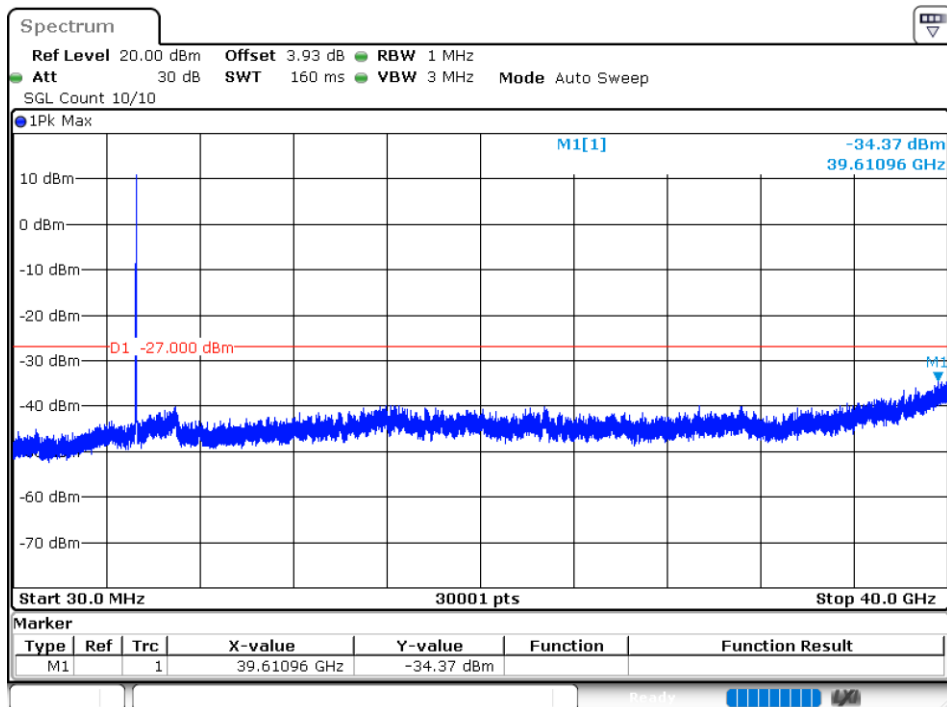
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-33.75	-27	Pass
NVNT	a	5280	Ant1	-34.37	-27	Pass
NVNT	a	5320	Ant1	-34.39	-27	Pass
NVNT	n20	5260	Ant1	-34.82	-27	Pass
NVNT	n20	5280	Ant1	-34.57	-27	Pass
NVNT	n20	5320	Ant1	-34.46	-27	Pass
NVNT	n40	5270	Ant1	-34.1	-27	Pass
NVNT	n40	5310	Ant1	-33.99	-27	Pass
NVNT	ac20	5260	Ant1	-34.21	-27	Pass
NVNT	ac20	5280	Ant1	-33.16	-27	Pass
NVNT	ac20	5320	Ant1	-34.27	-27	Pass
NVNT	ac40	5270	Ant1	-35.01	-27	Pass
NVNT	ac40	5310	Ant1	-33.82	-27	Pass
NVNT	ac80	5290	Ant1	-33.58	-27	Pass

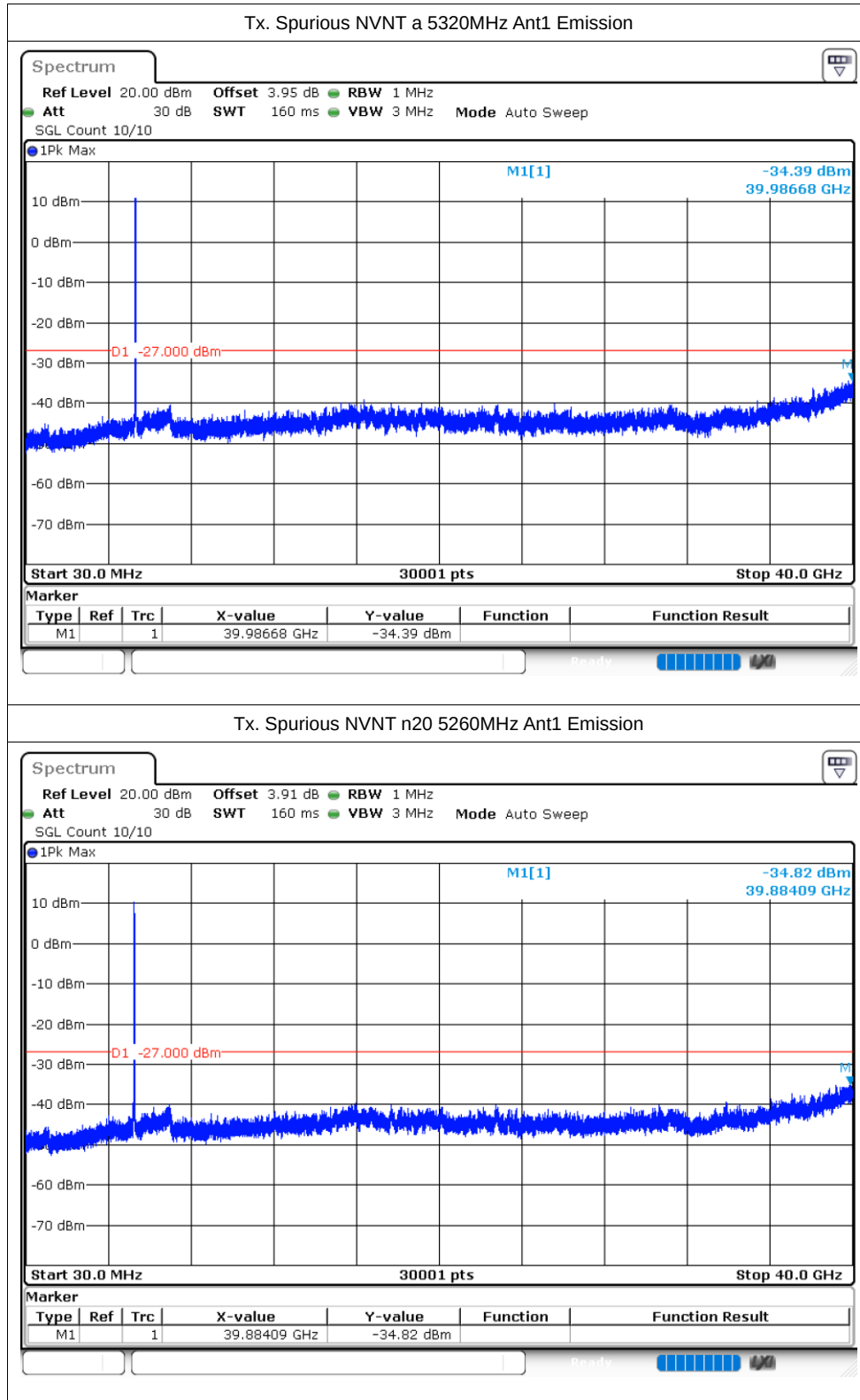
Test Graphs

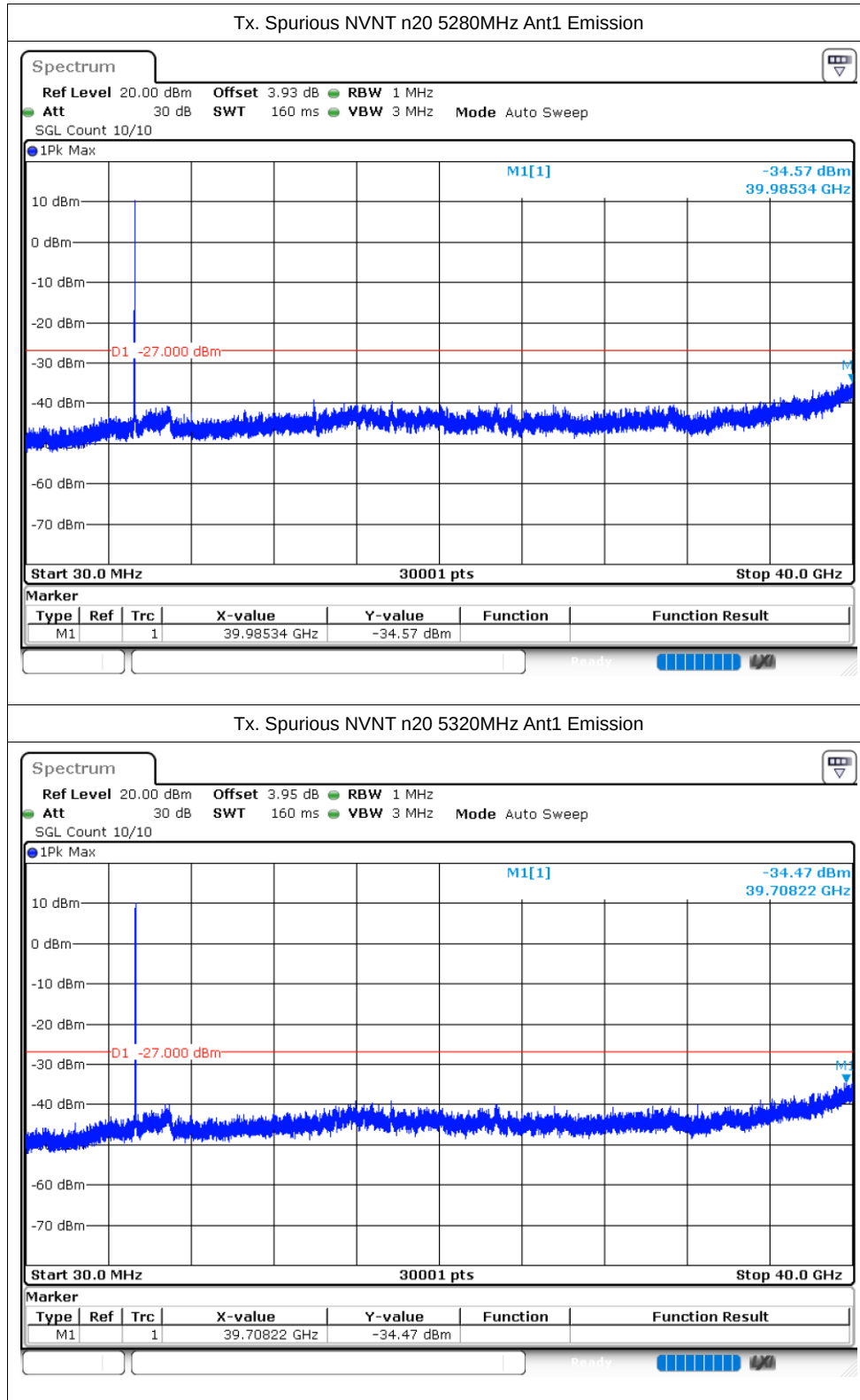
Tx. Spurious NVNT a 5260MHz Ant1 Emission

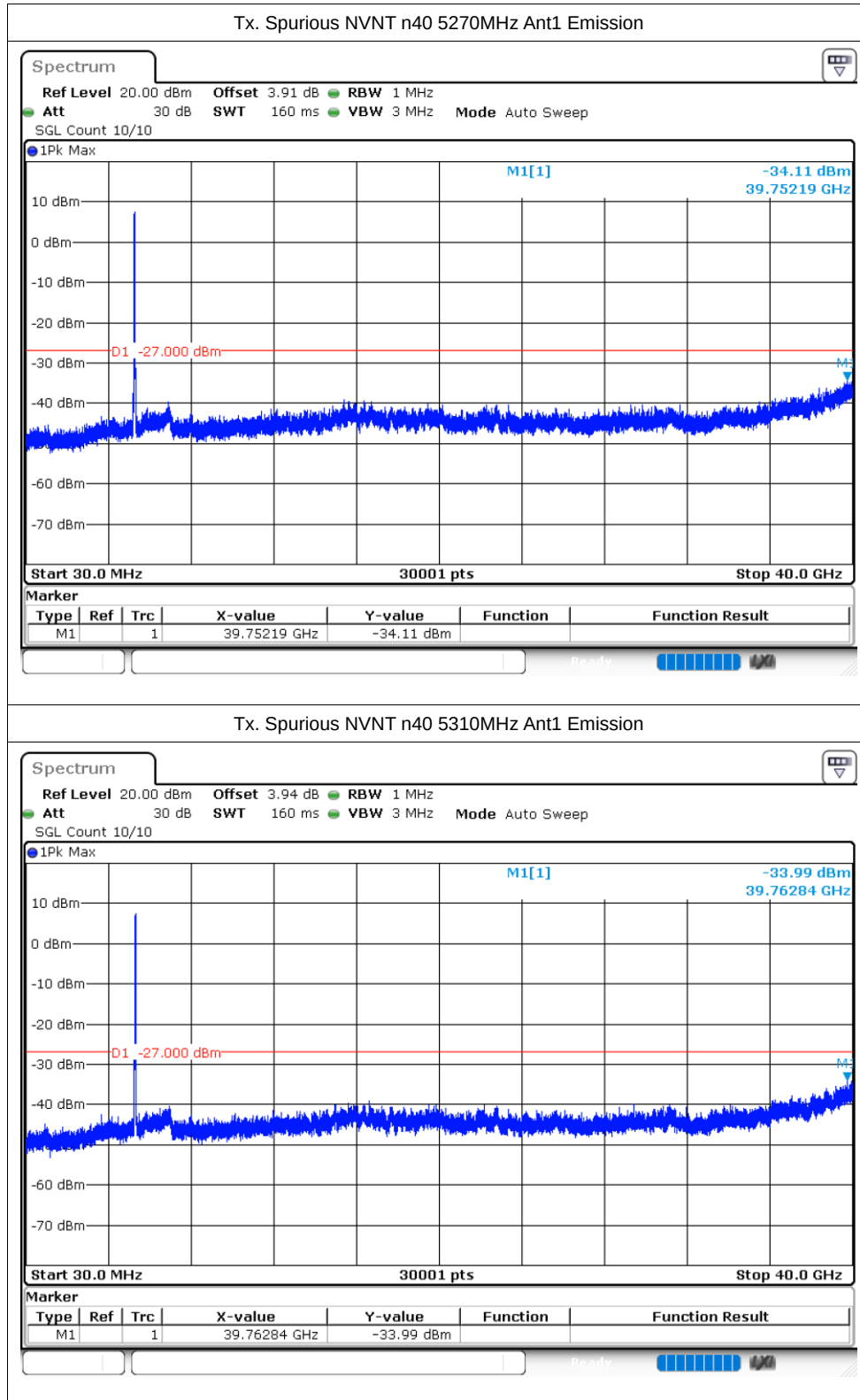


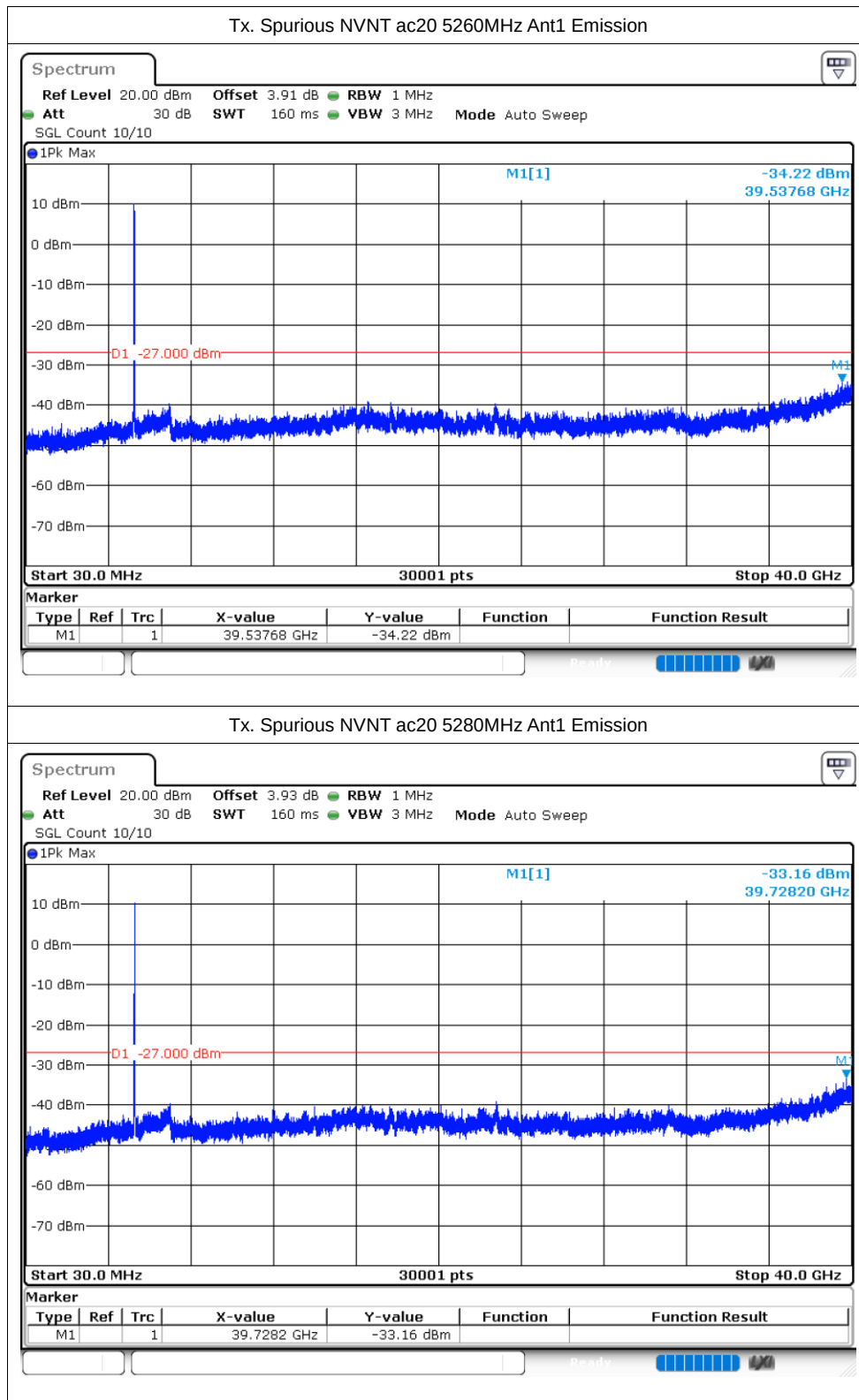
Tx. Spurious NVNT a 5280MHz Ant1 Emission

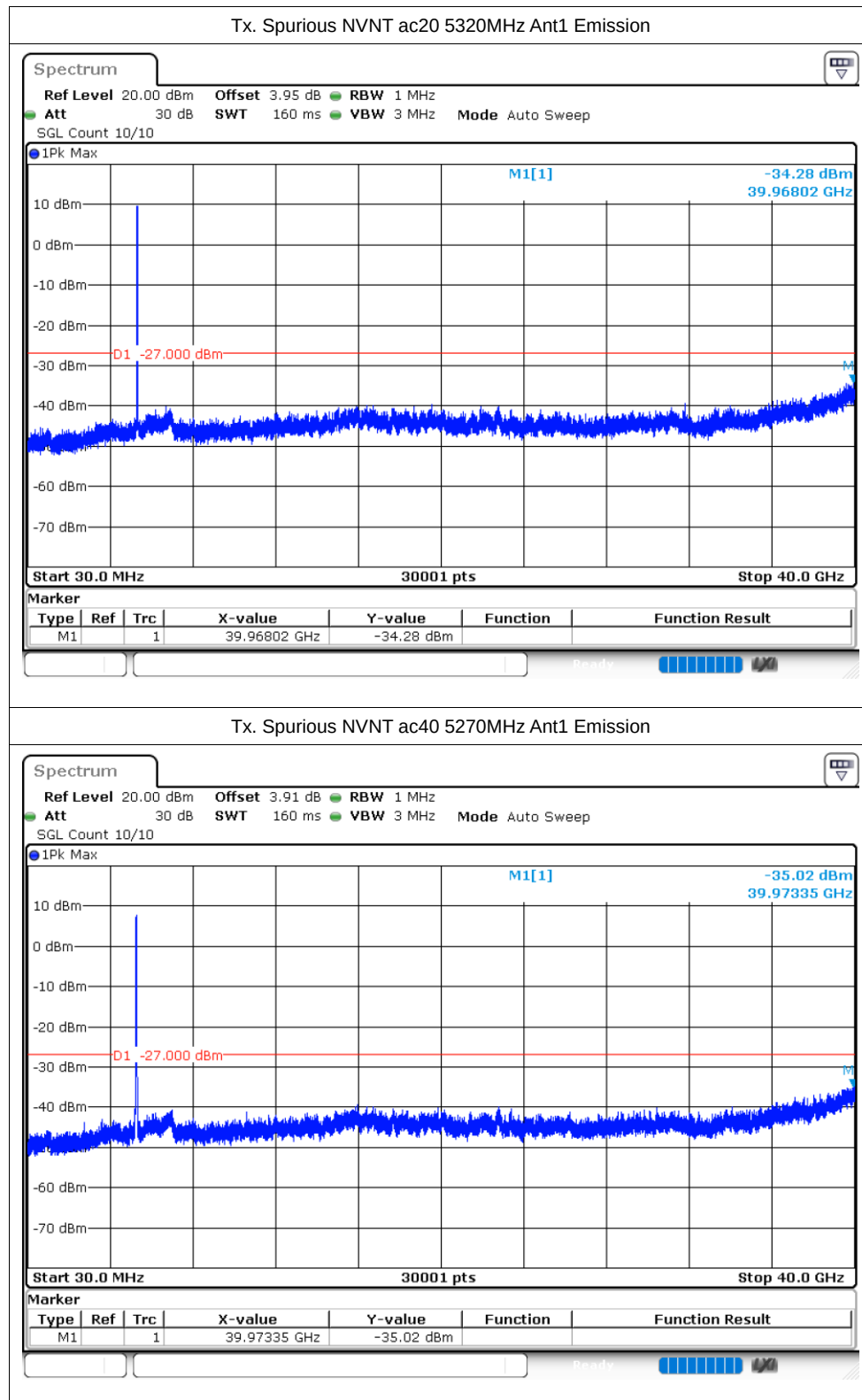


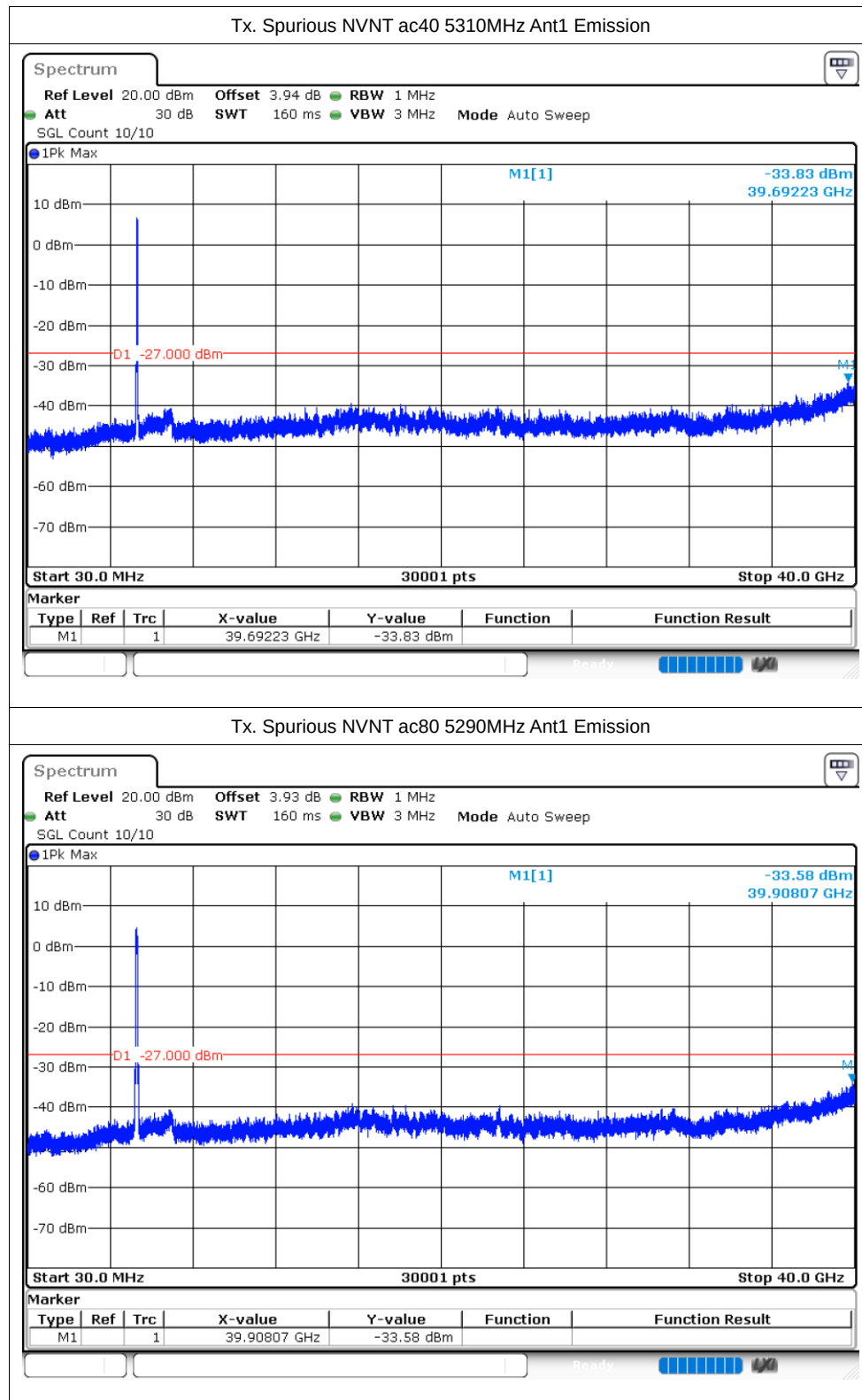












5.6G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	90.81	0.42	0.74
NVNT	a	5600	Ant1	90.85	0.42	0.74
NVNT	a	5700	Ant1	90.68	0.42	0.74
NVNT	n20	5500	Ant1	89.29	0.49	0.88
NVNT	n20	5600	Ant1	89.2	0.5	0.87
NVNT	n20	5700	Ant1	89.26	0.49	0.87
NVNT	n40	5510	Ant1	81.14	0.91	1.72
NVNT	n40	5590	Ant1	81.03	0.91	1.75
NVNT	n40	5670	Ant1	81.24	0.9	1.75
NVNT	ac20	5500	Ant1	89.33	0.49	0.87
NVNT	ac20	5600	Ant1	89.33	0.49	0.86
NVNT	ac20	5700	Ant1	89.44	0.48	0.87
NVNT	ac40	5510	Ant1	80.99	0.92	1.72
NVNT	ac40	5590	Ant1	81.11	0.91	1.72
NVNT	ac40	5670	Ant1	81.24	0.9	1.72
NVNT	ac80	5530	Ant1	69.03	1.61	3.45
NVNT	ac80	5610	Ant1	68.91	1.62	3.45

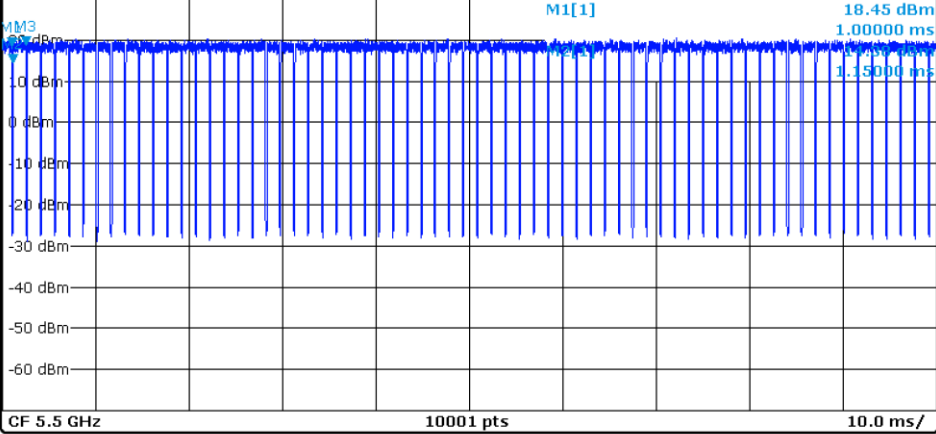
Test Graphs

Duty Cycle NVNT a 5500MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.13 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

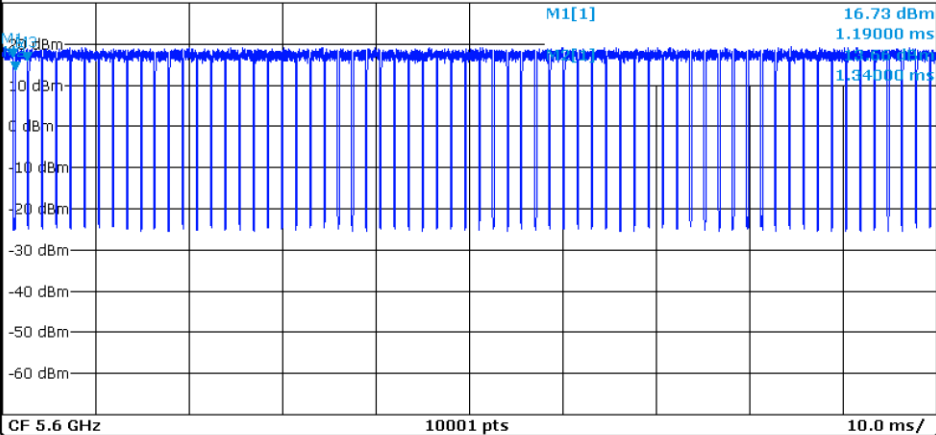
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.0 ms	18.45 dBm		
M2	1		1.15 ms	14.38 dBm		
M3	1		2.51 ms	18.67 dBm		

Duty Cycle NVNT a 5600MHz Ant1

Spectrum

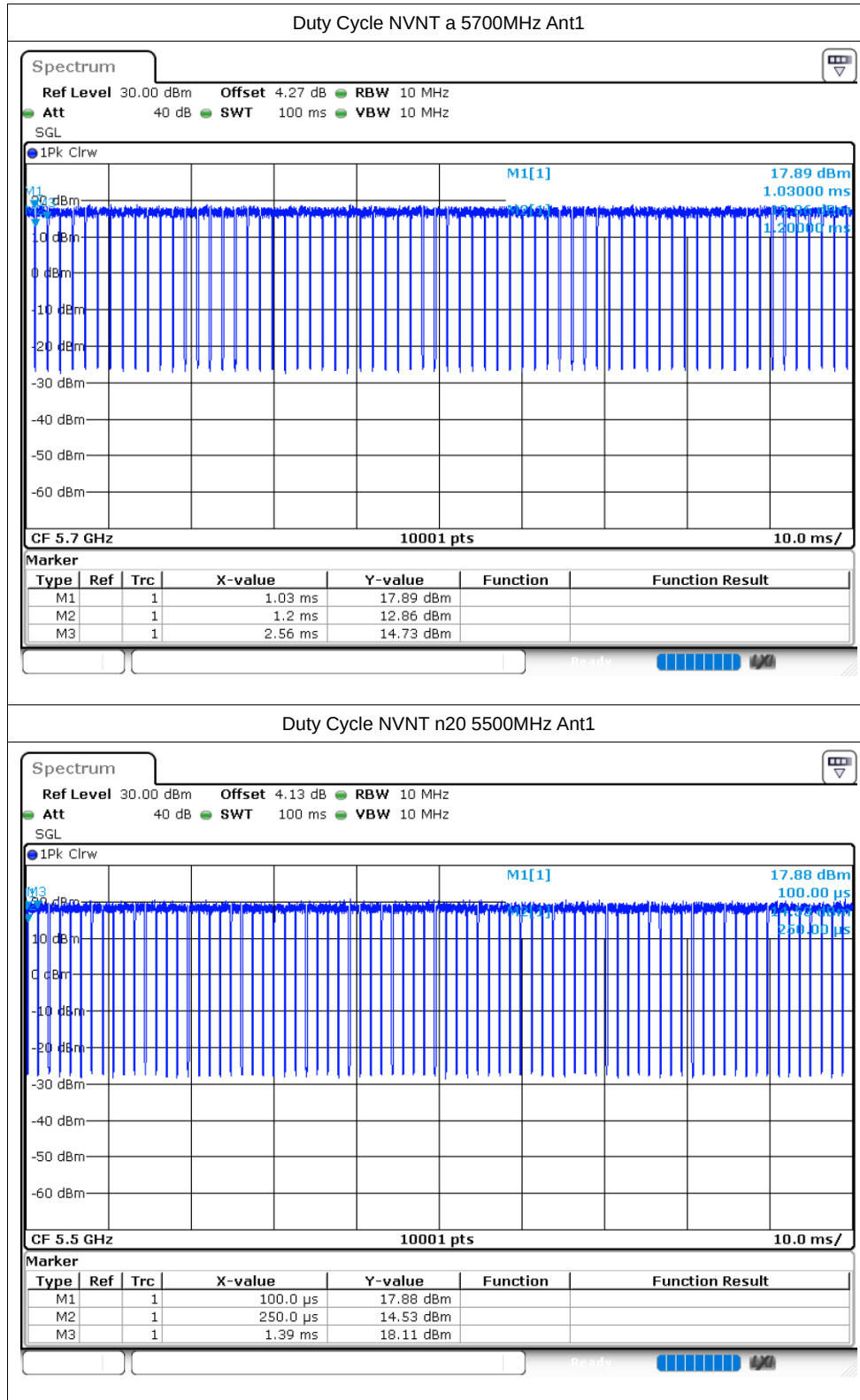
Ref Level 30.00 dBm Offset 4.23 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

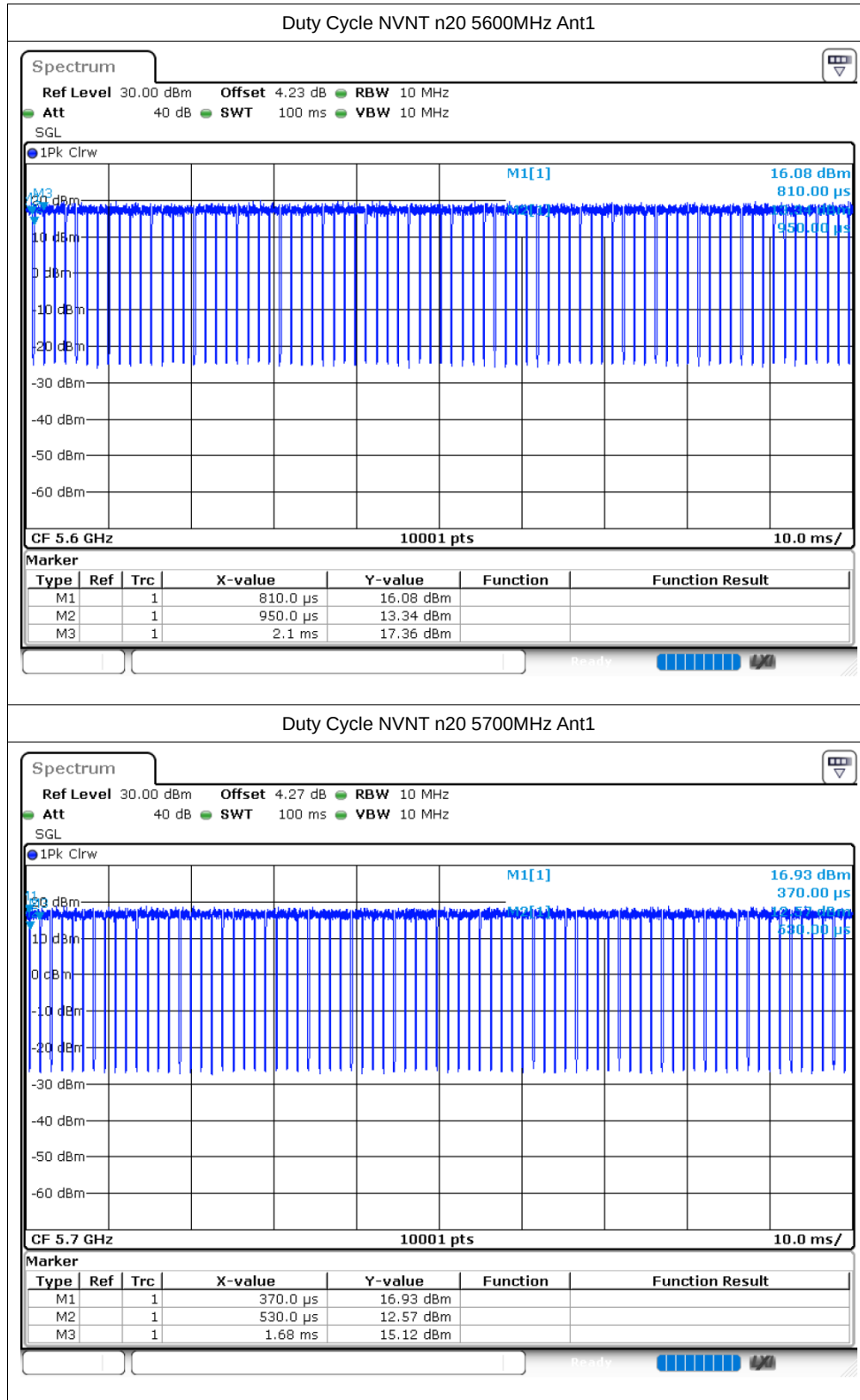
1Pk Clrw

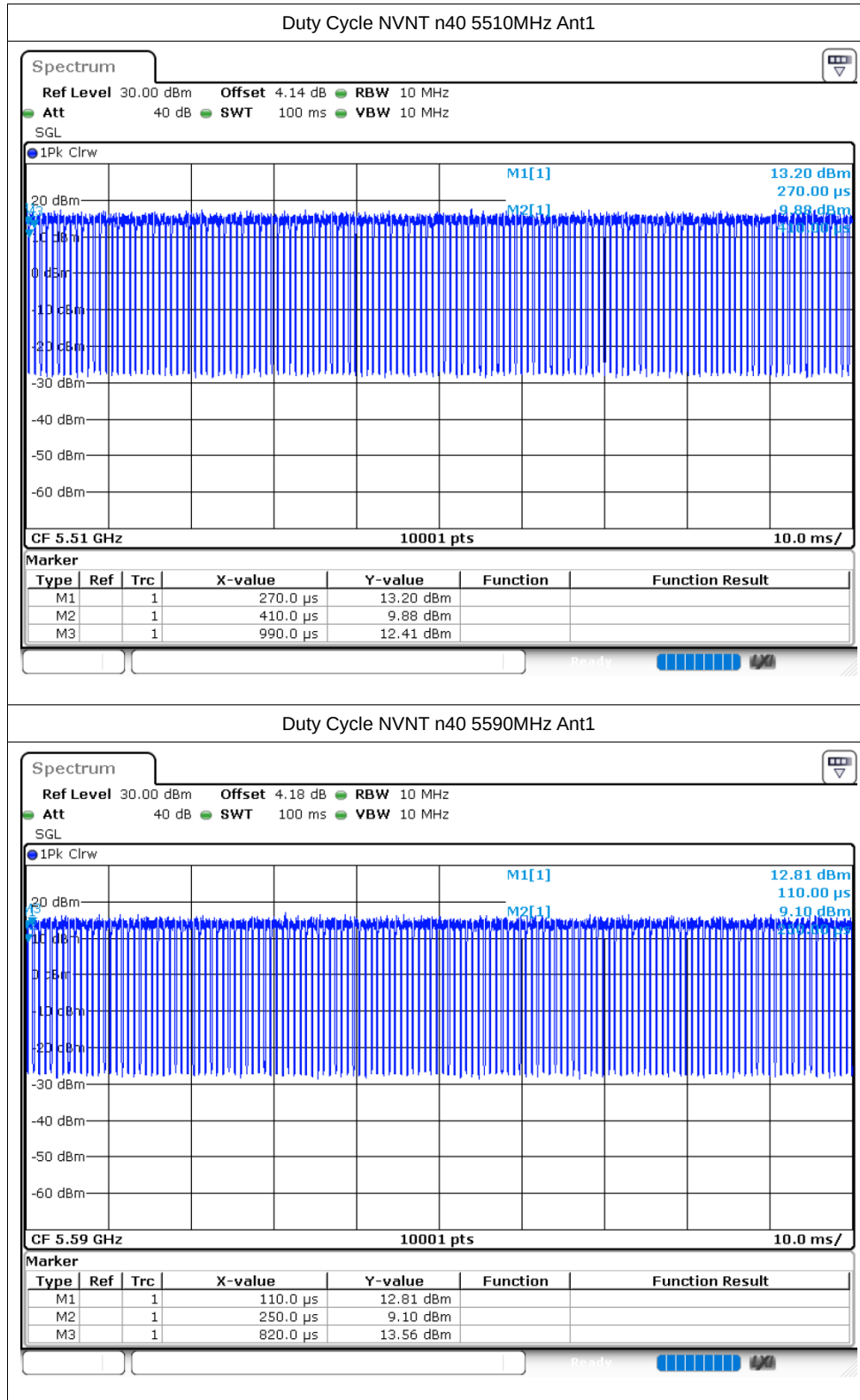


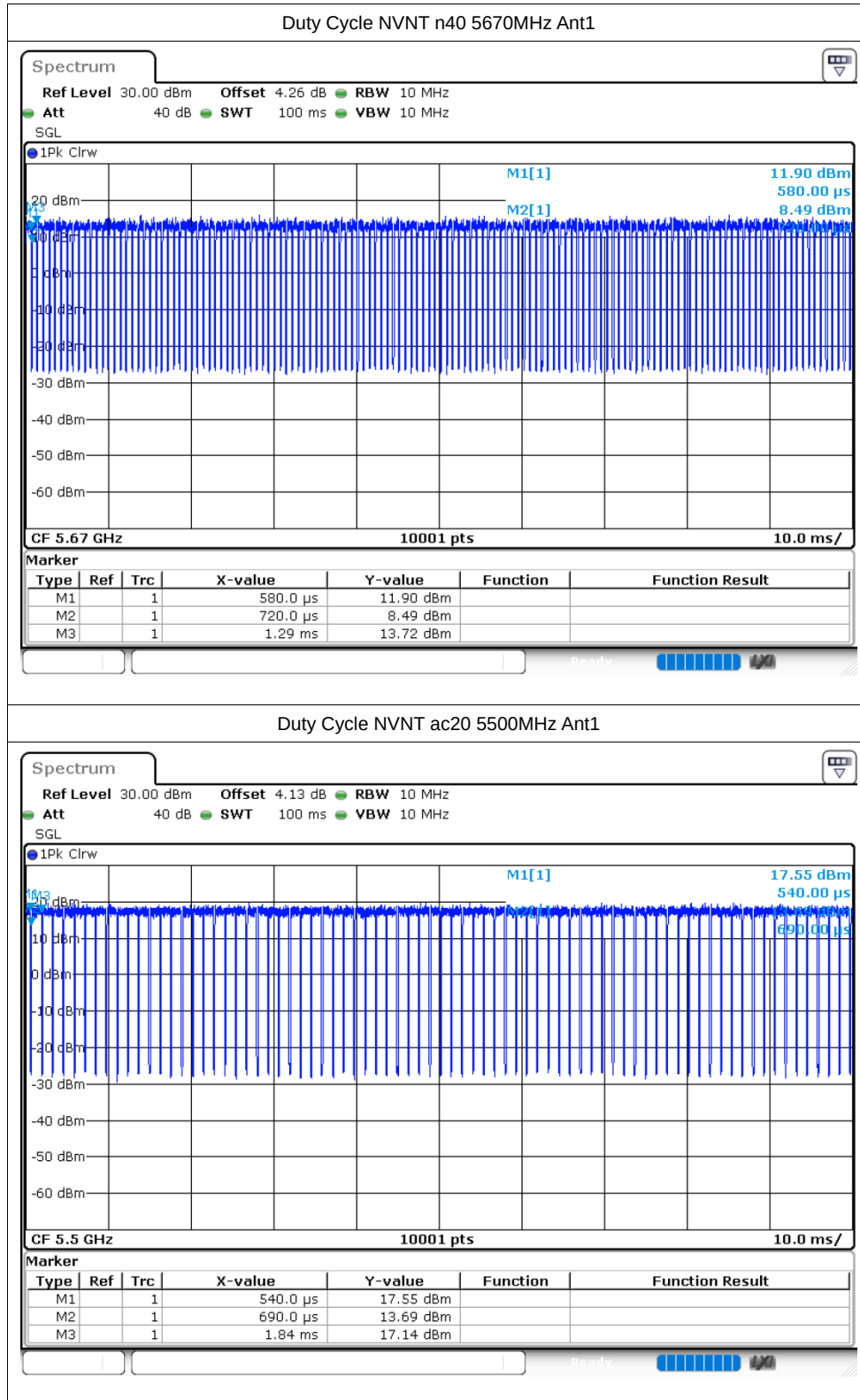
Marker

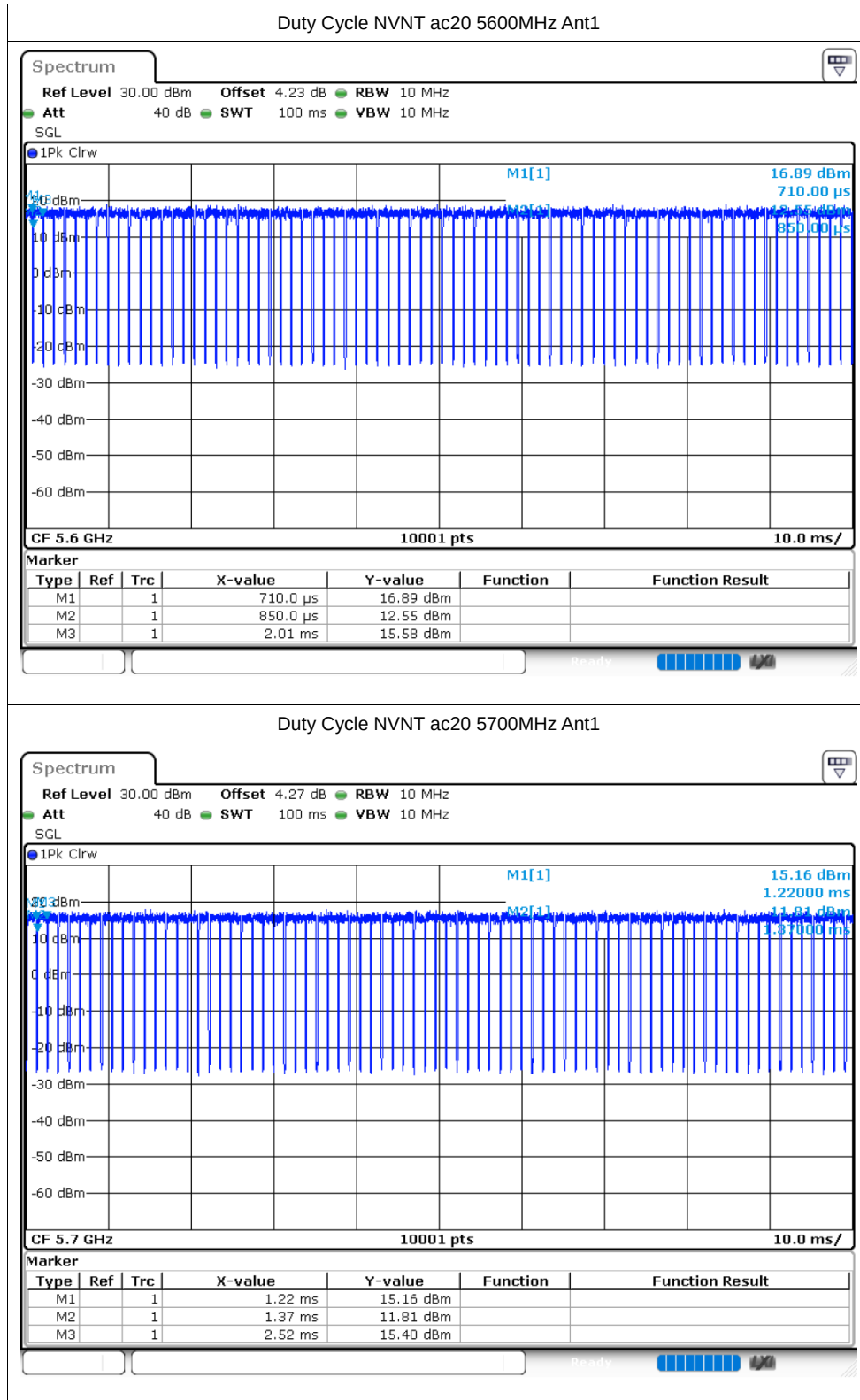
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.19 ms	16.73 dBm		
M2	1		1.34 ms	13.66 dBm		
M3	1		2.7 ms	15.94 dBm		

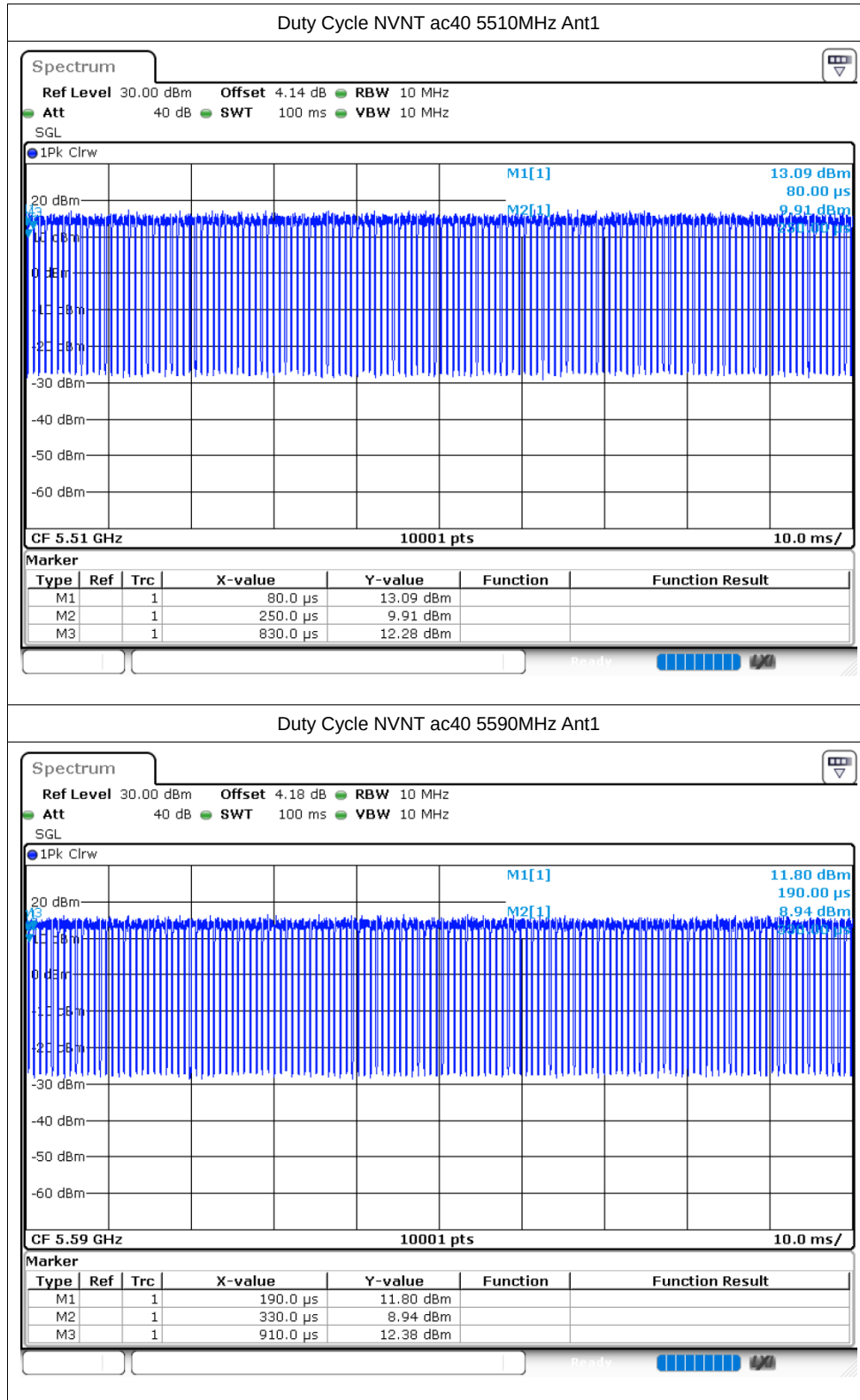


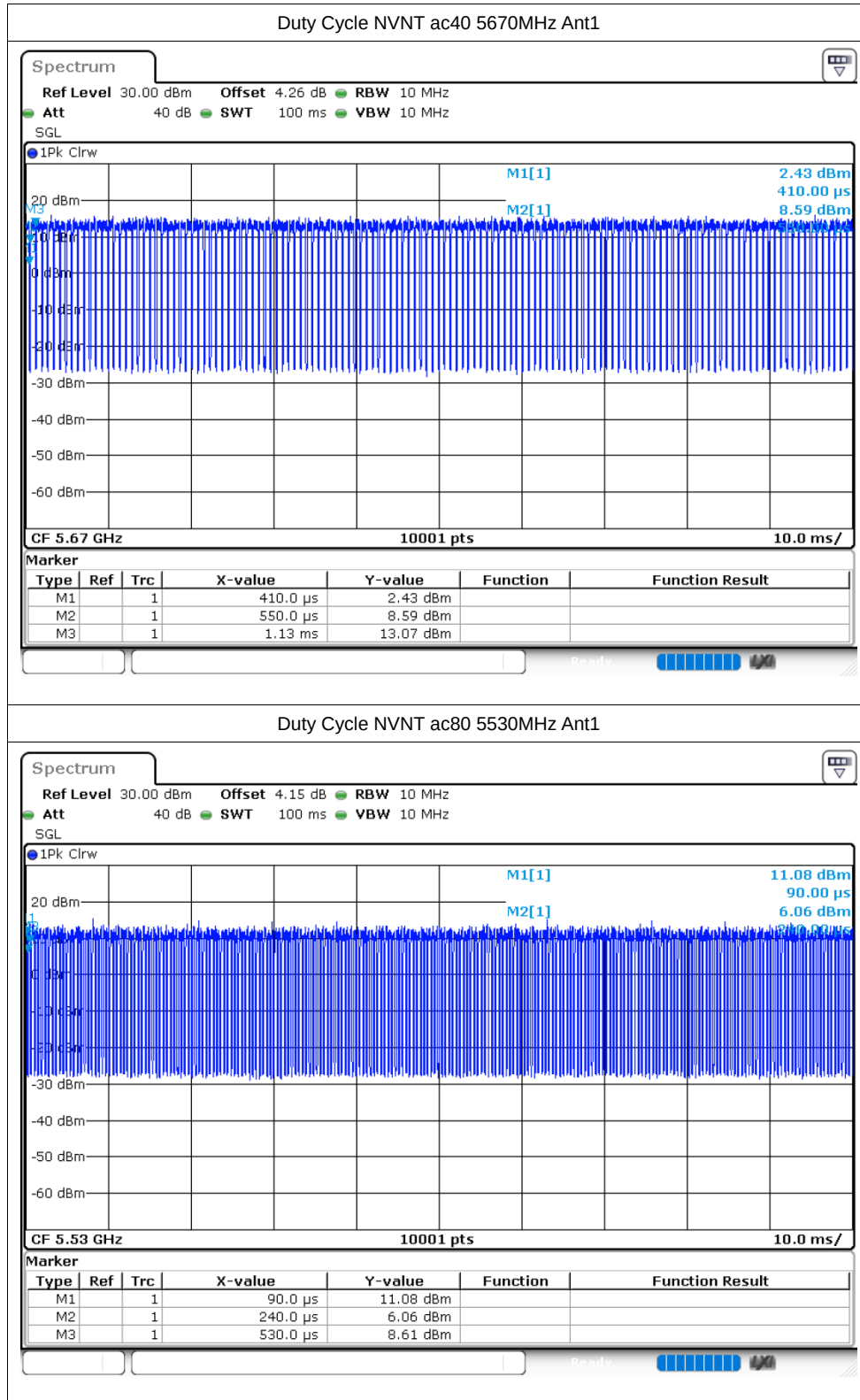


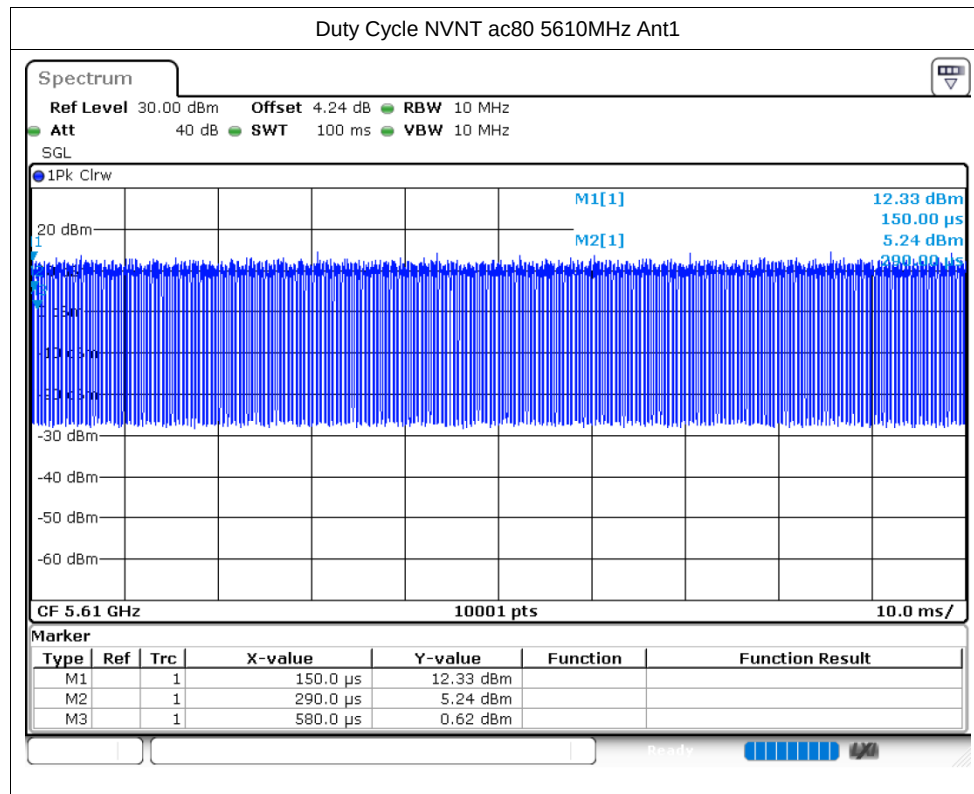












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	14.62	24	Pass
NVNT	a	5600	Ant1	13.99	24	Pass
NVNT	a	5700	Ant1	13.77	24	Pass
NVNT	n20	5500	Ant1	14.29	24	Pass
NVNT	n20	5600	Ant1	14.21	24	Pass
NVNT	n20	5700	Ant1	12.94	24	Pass
NVNT	n40	5510	Ant1	13.93	24	Pass
NVNT	n40	5590	Ant1	13.75	24	Pass
NVNT	n40	5670	Ant1	12.64	24	Pass
NVNT	ac20	5500	Ant1	13.62	24	Pass
NVNT	ac20	5600	Ant1	13.48	24	Pass
NVNT	ac20	5700	Ant1	12.11	24	Pass
NVNT	ac40	5510	Ant1	13.97	24	Pass
NVNT	ac40	5590	Ant1	13.79	24	Pass
NVNT	ac40	5670	Ant1	12.51	24	Pass
NVNT	ac80	5530	Ant1	13.74	24	Pass
NVNT	ac80	5610	Ant1	13.48	24	Pass

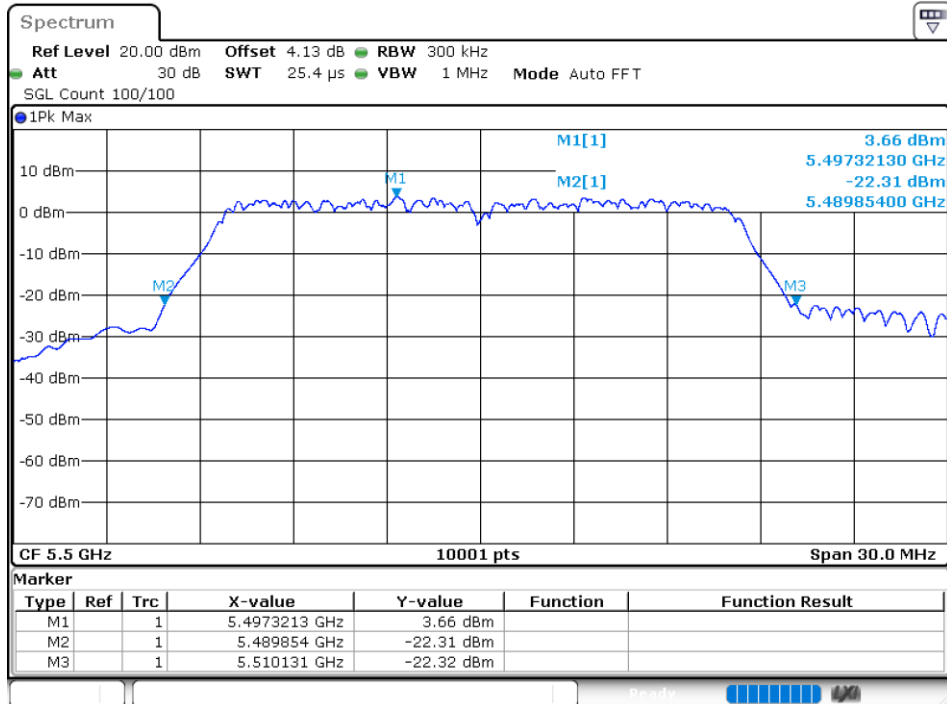
Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

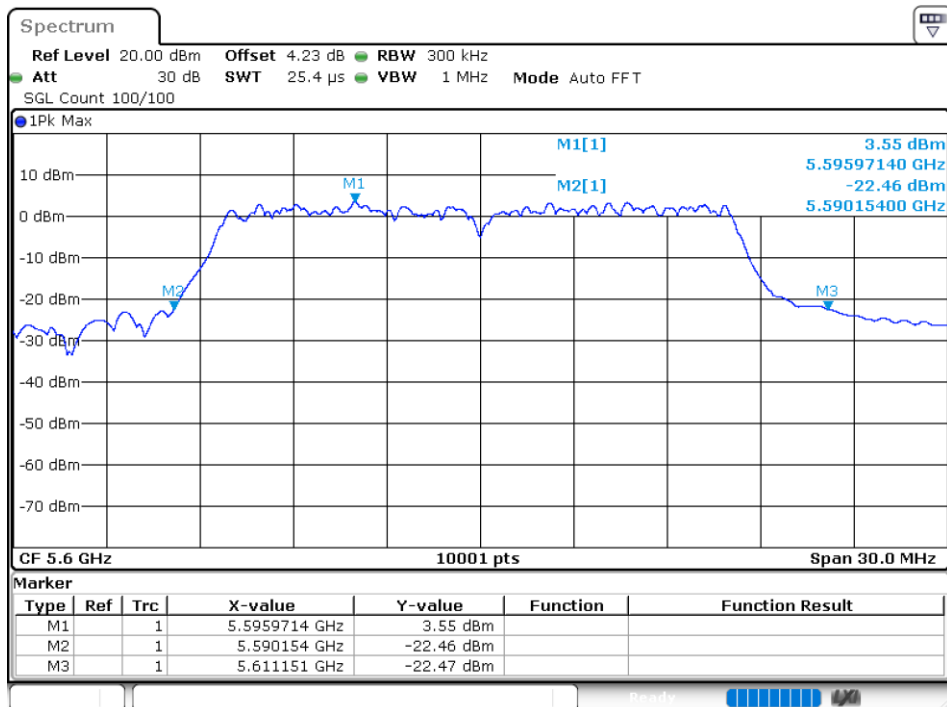
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	20.277	Pass
NVNT	a	5600	Ant1	20.997	Pass
NVNT	a	5700	Ant1	23.085	Pass
NVNT	n20	5500	Ant1	19.521	Pass
NVNT	n20	5600	Ant1	20.721	Pass
NVNT	n20	5700	Ant1	20.382	Pass
NVNT	n40	5510	Ant1	51.042	Pass
NVNT	n40	5590	Ant1	57.366	Pass
NVNT	n40	5670	Ant1	54.348	Pass
NVNT	ac20	5500	Ant1	23.76	Pass
NVNT	ac20	5600	Ant1	23.829	Pass
NVNT	ac20	5700	Ant1	20.352	Pass
NVNT	ac40	5510	Ant1	50.826	Pass
NVNT	ac40	5590	Ant1	54.204	Pass
NVNT	ac40	5670	Ant1	54.024	Pass
NVNT	ac80	5530	Ant1	88.884	Pass
NVNT	ac80	5610	Ant1	89.004	Pass

Test Graphs

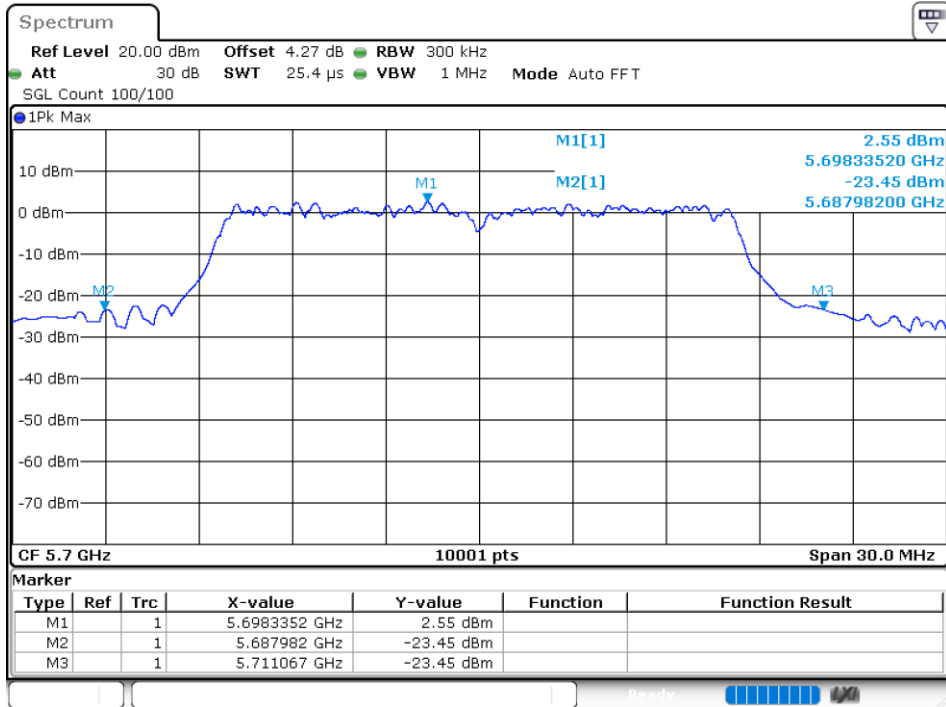
-26dB Bandwidth NVNT a 5500MHz Ant1



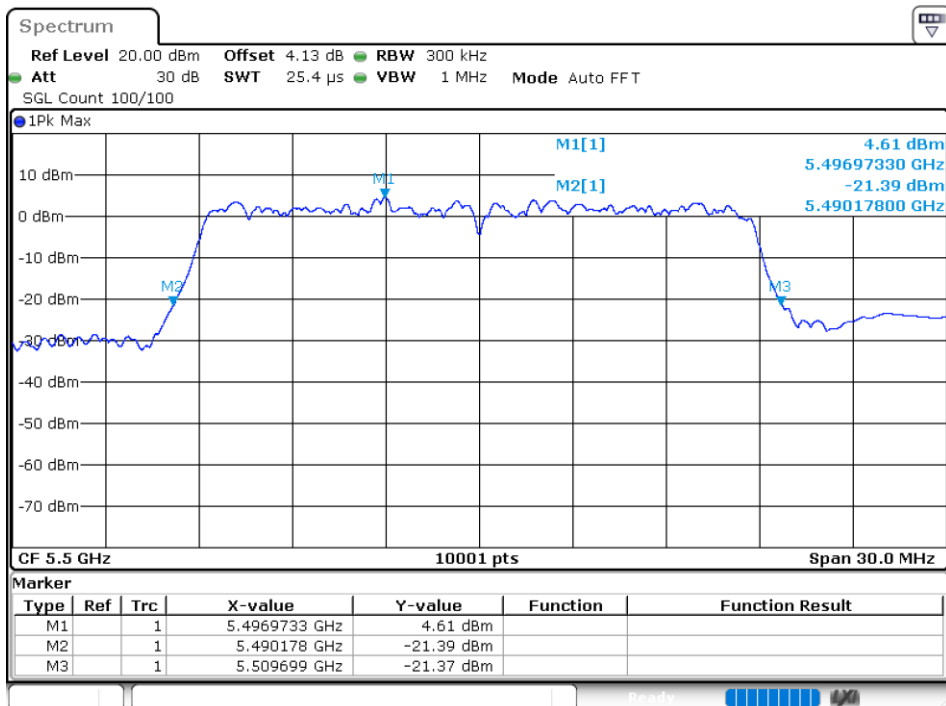
-26dB Bandwidth NVNT a 5600MHz Ant1

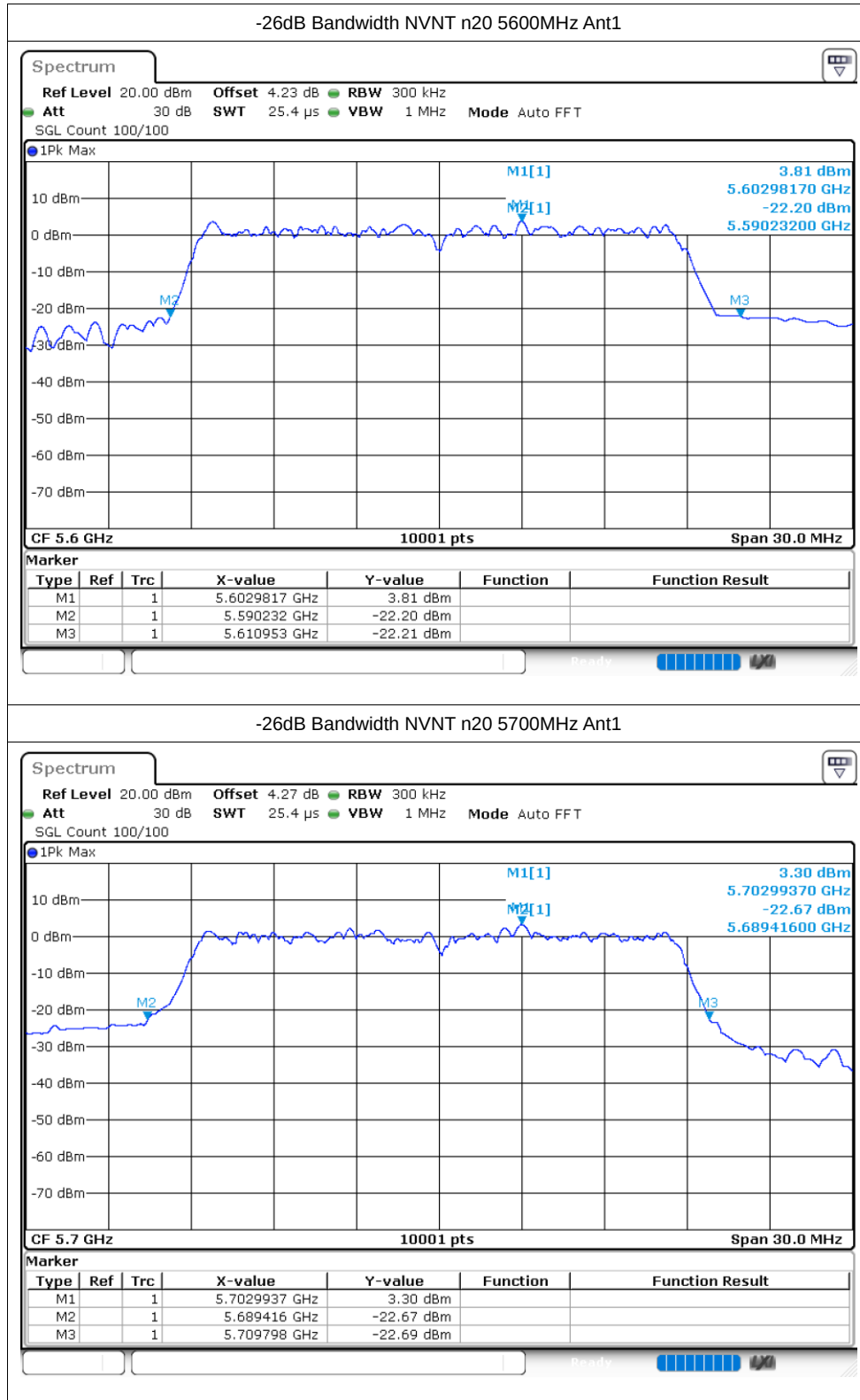


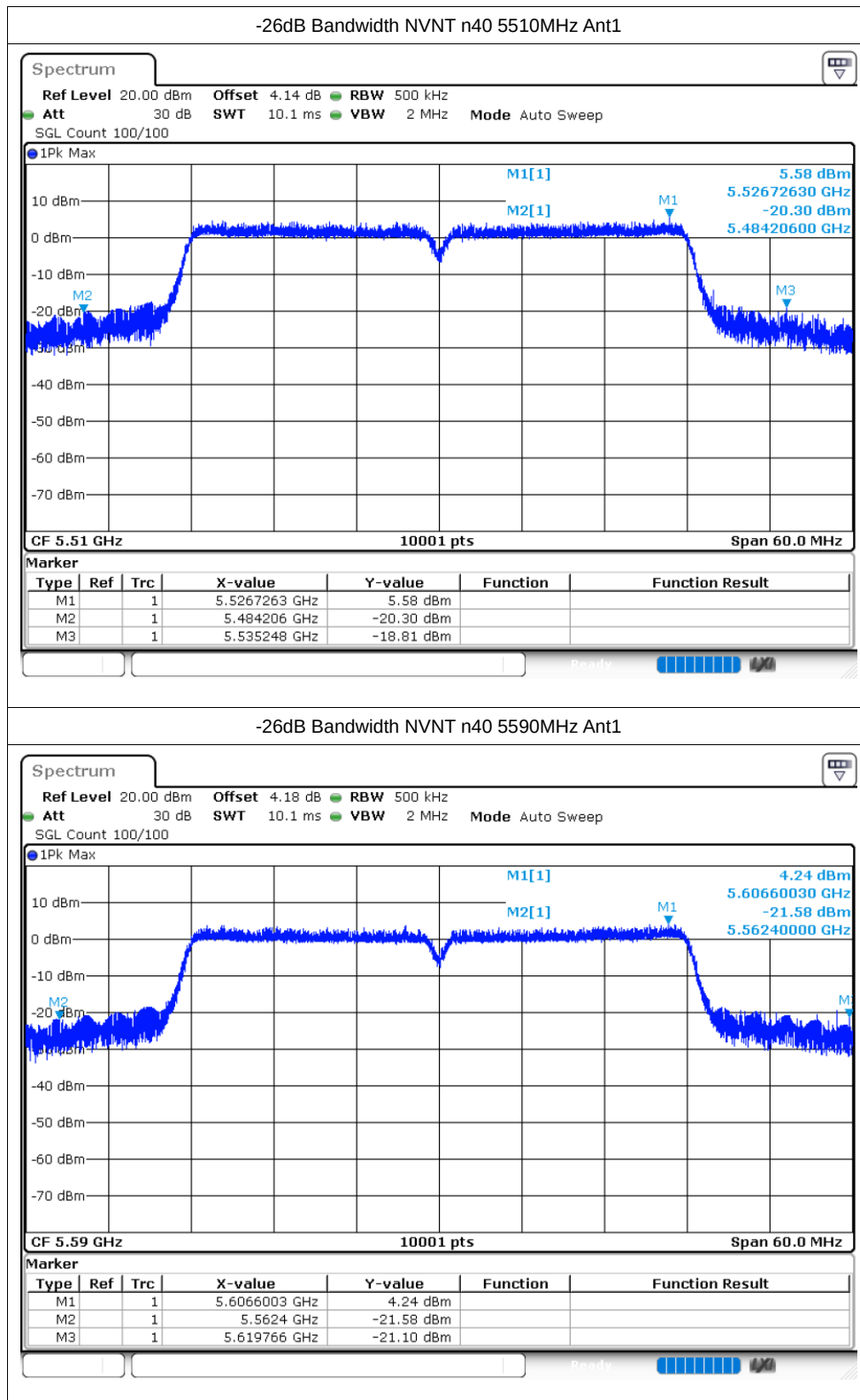
-26dB Bandwidth NVNT a 5700MHz Ant1

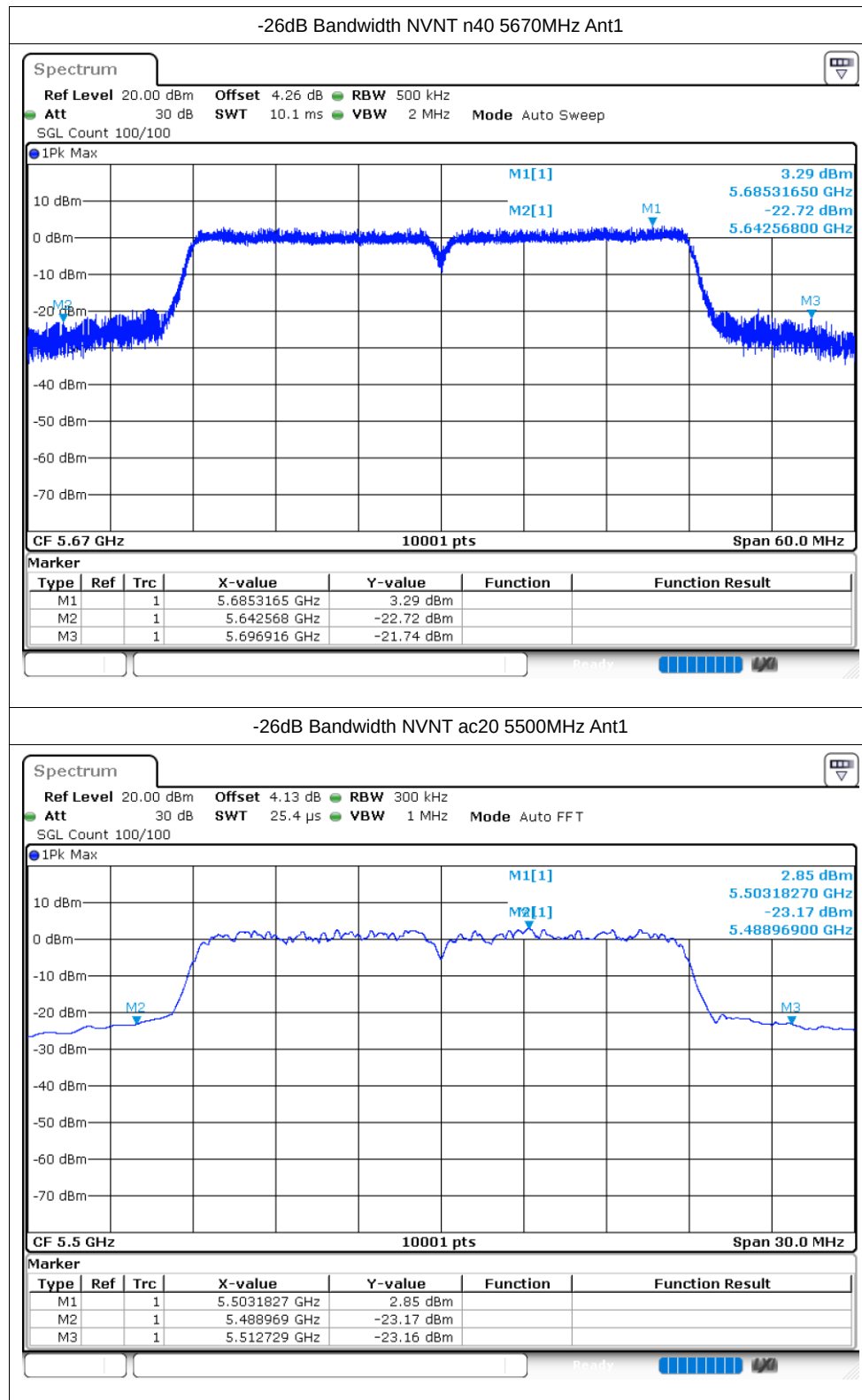


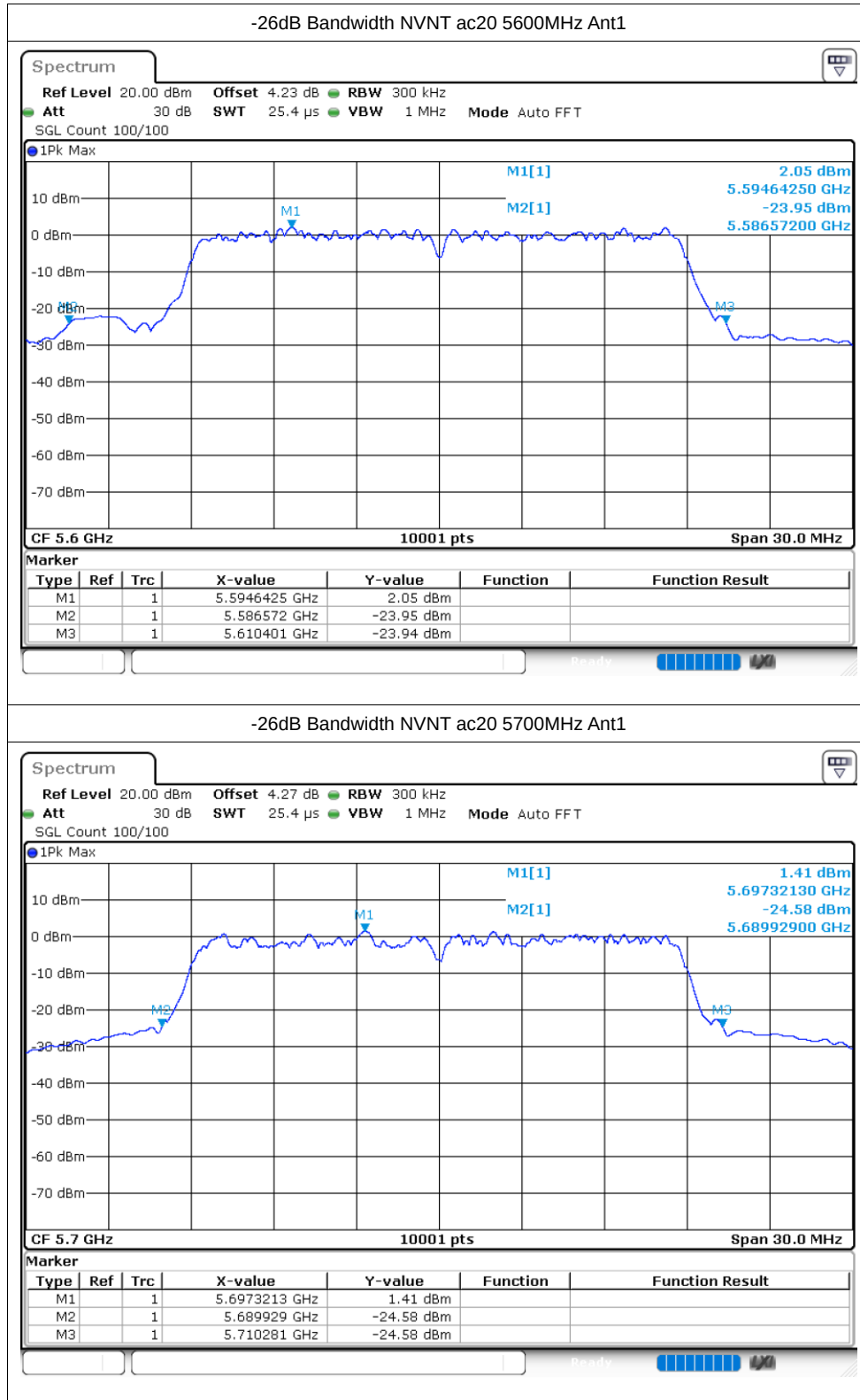
-26dB Bandwidth NVNT n20 5500MHz Ant1



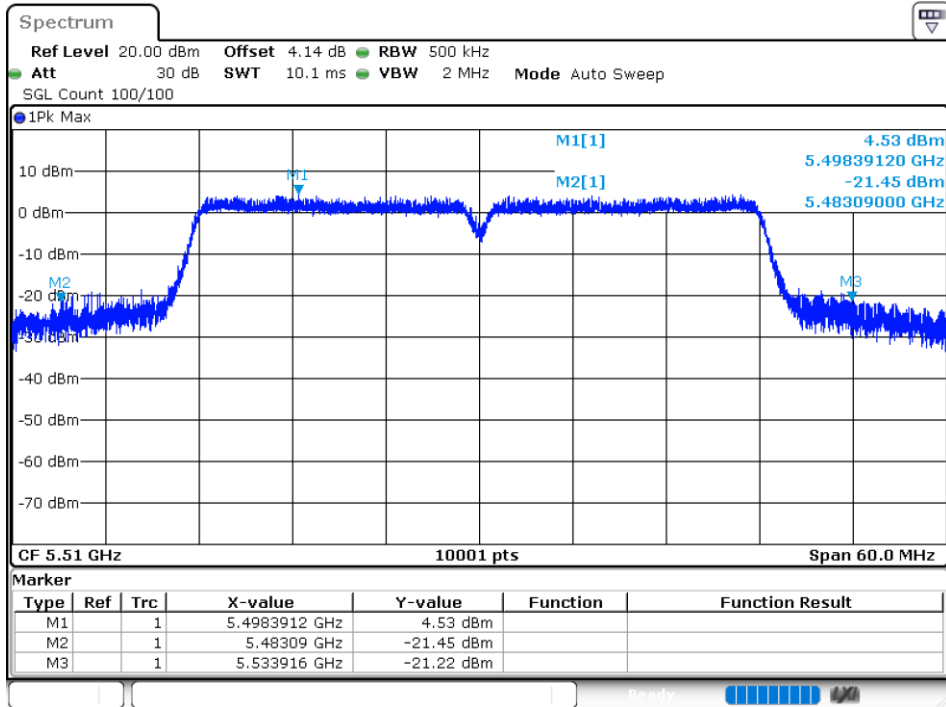




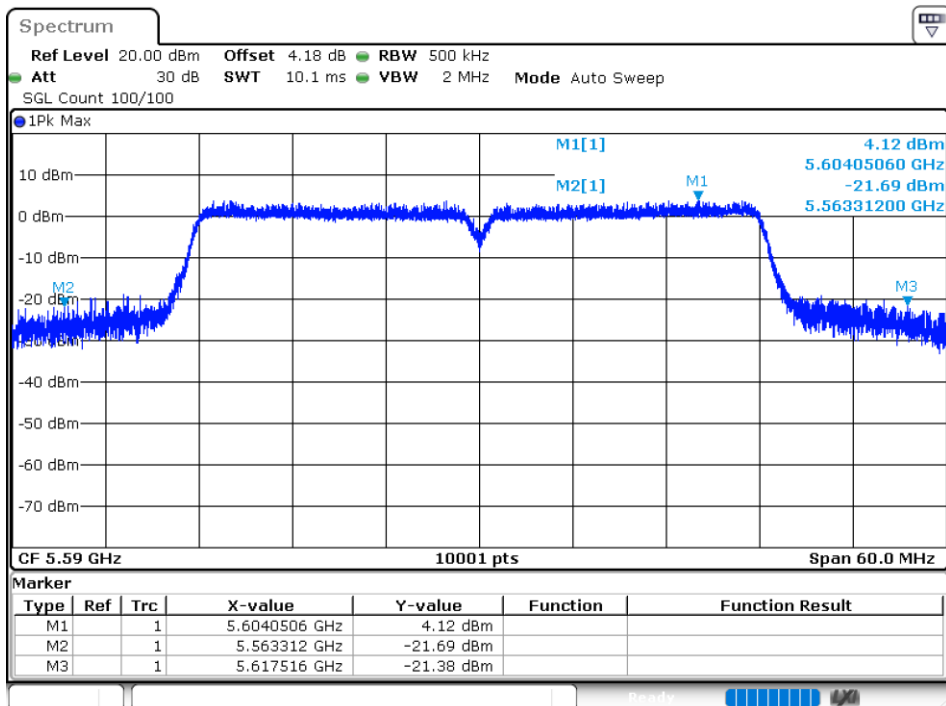


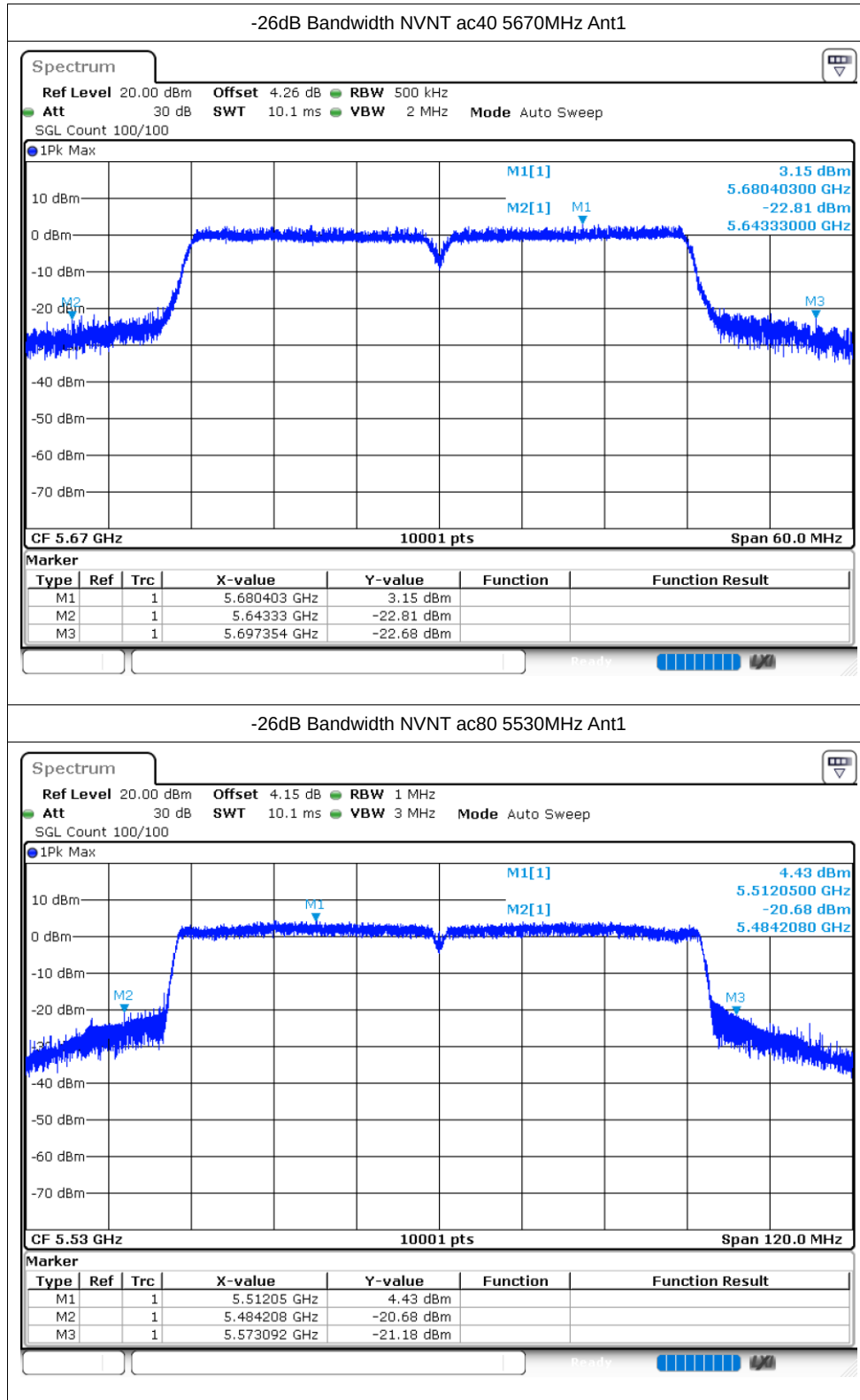


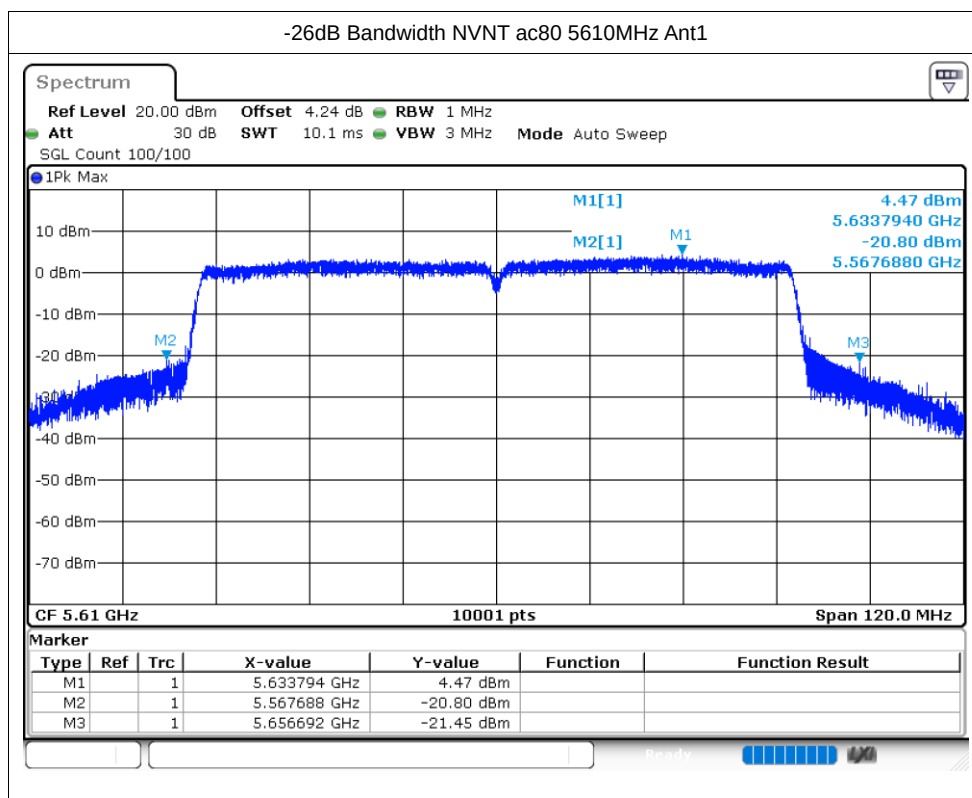
-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1





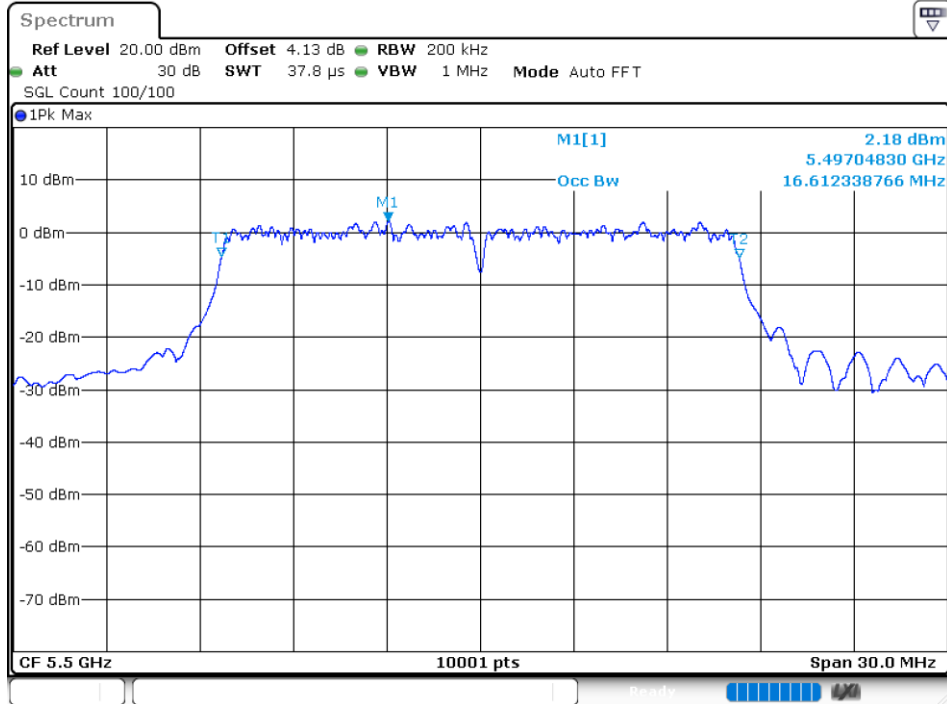


Occupied Channel Bandwidth

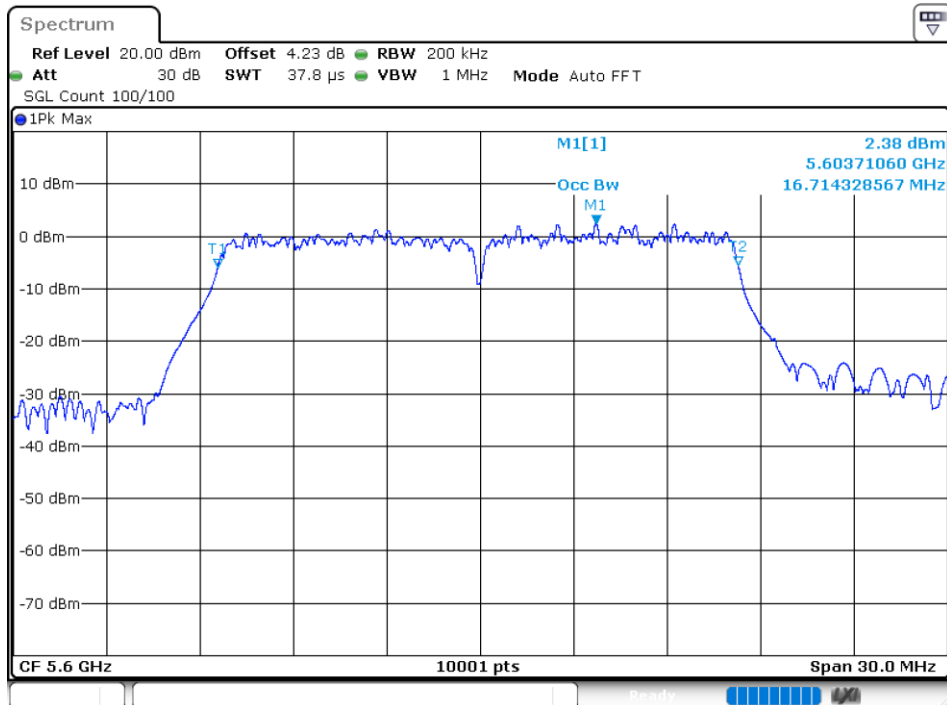
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.612
NVNT	a	5600	Ant1	16.714
NVNT	a	5700	Ant1	16.558
NVNT	n20	5500	Ant1	17.593
NVNT	n20	5600	Ant1	17.632
NVNT	n20	5700	Ant1	17.593
NVNT	n40	5510	Ant1	36.428
NVNT	n40	5590	Ant1	36.476
NVNT	n40	5670	Ant1	36.398
NVNT	ac20	5500	Ant1	17.674
NVNT	ac20	5600	Ant1	17.599
NVNT	ac20	5700	Ant1	17.662
NVNT	ac40	5510	Ant1	36.374
NVNT	ac40	5590	Ant1	36.428
NVNT	ac40	5670	Ant1	36.392
NVNT	ac80	5530	Ant1	75.532
NVNT	ac80	5610	Ant1	75.484

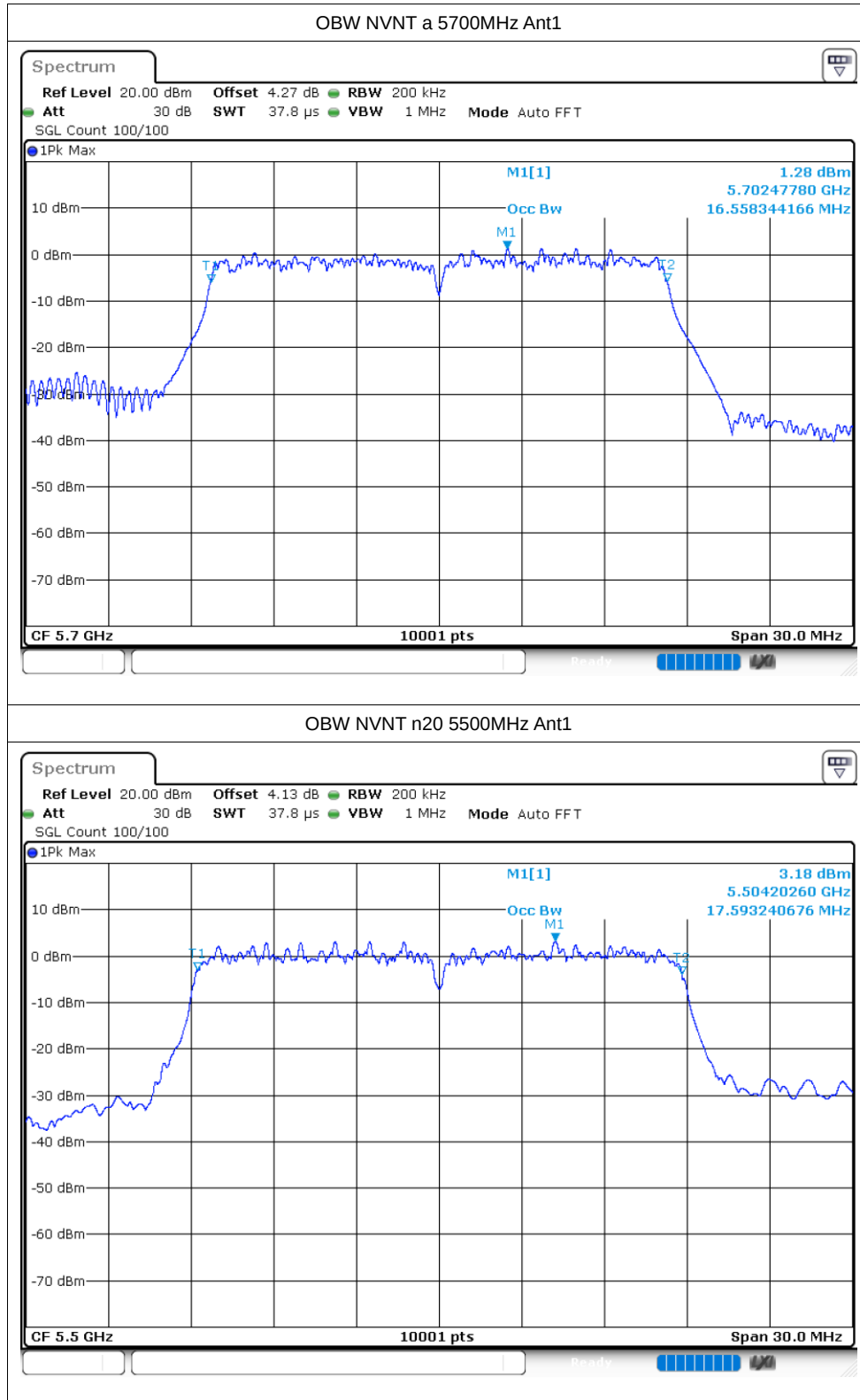
Test Graphs

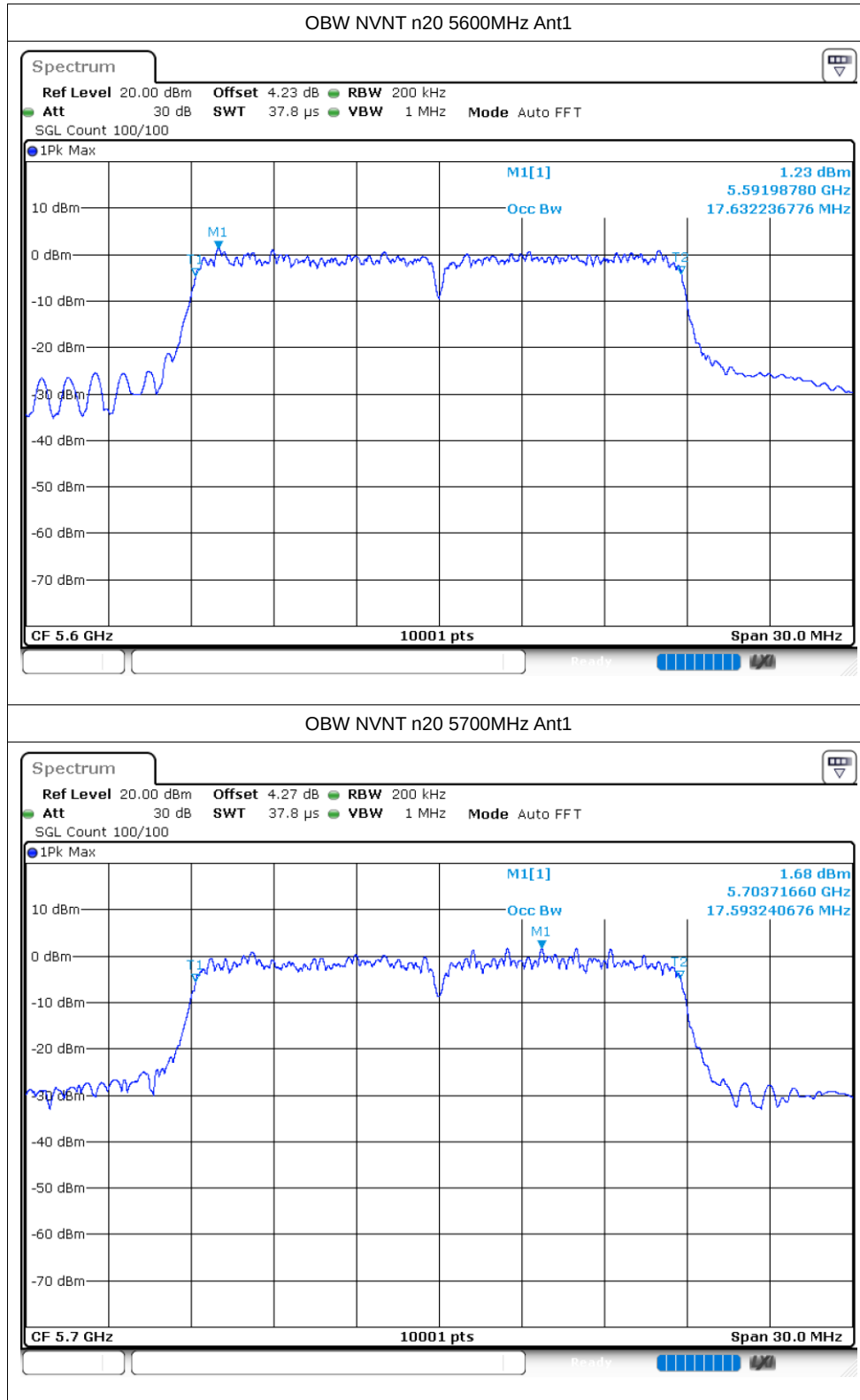
OBW NVNT a 5500MHz Ant1

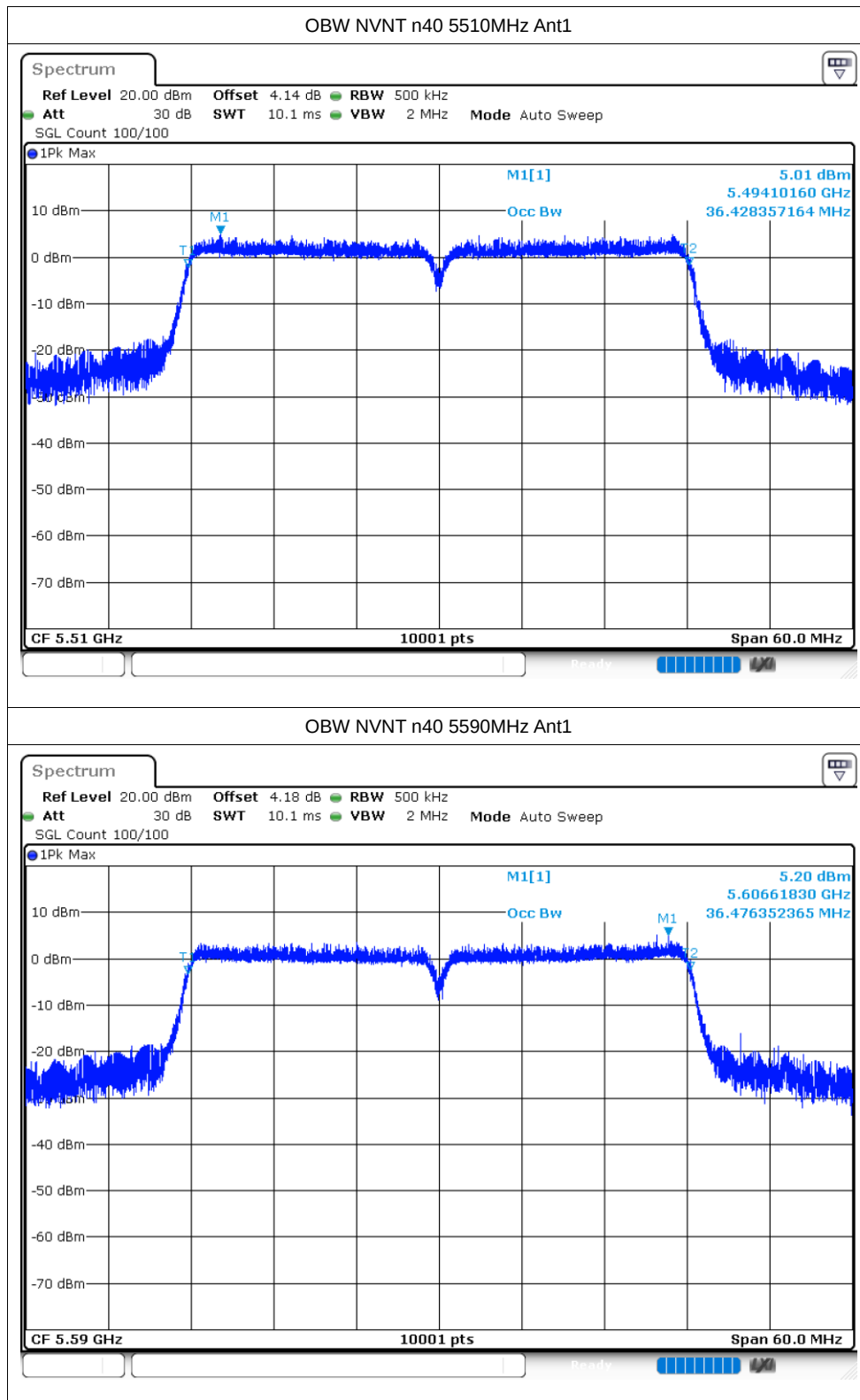


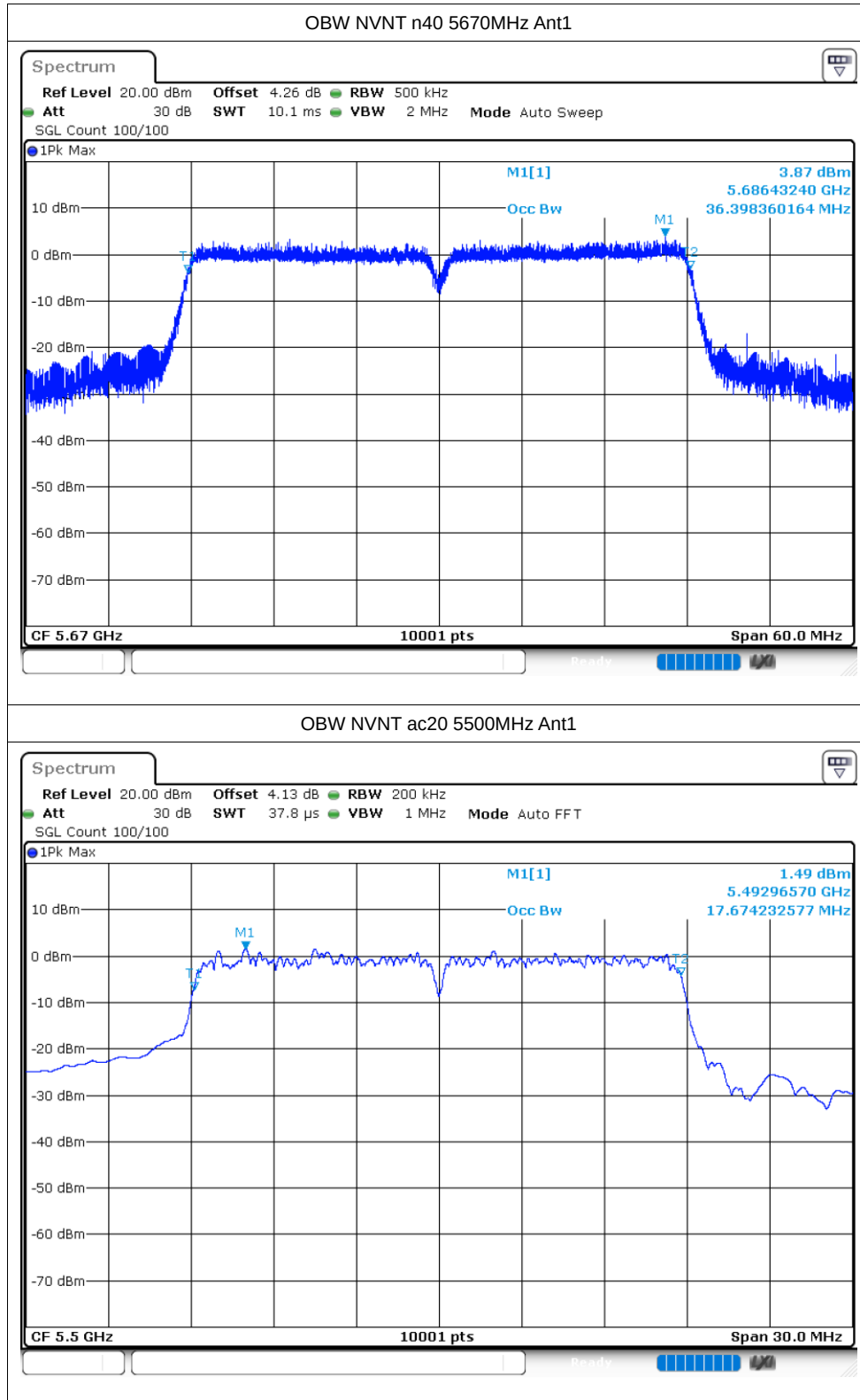
OBW NVNT a 5600MHz Ant1

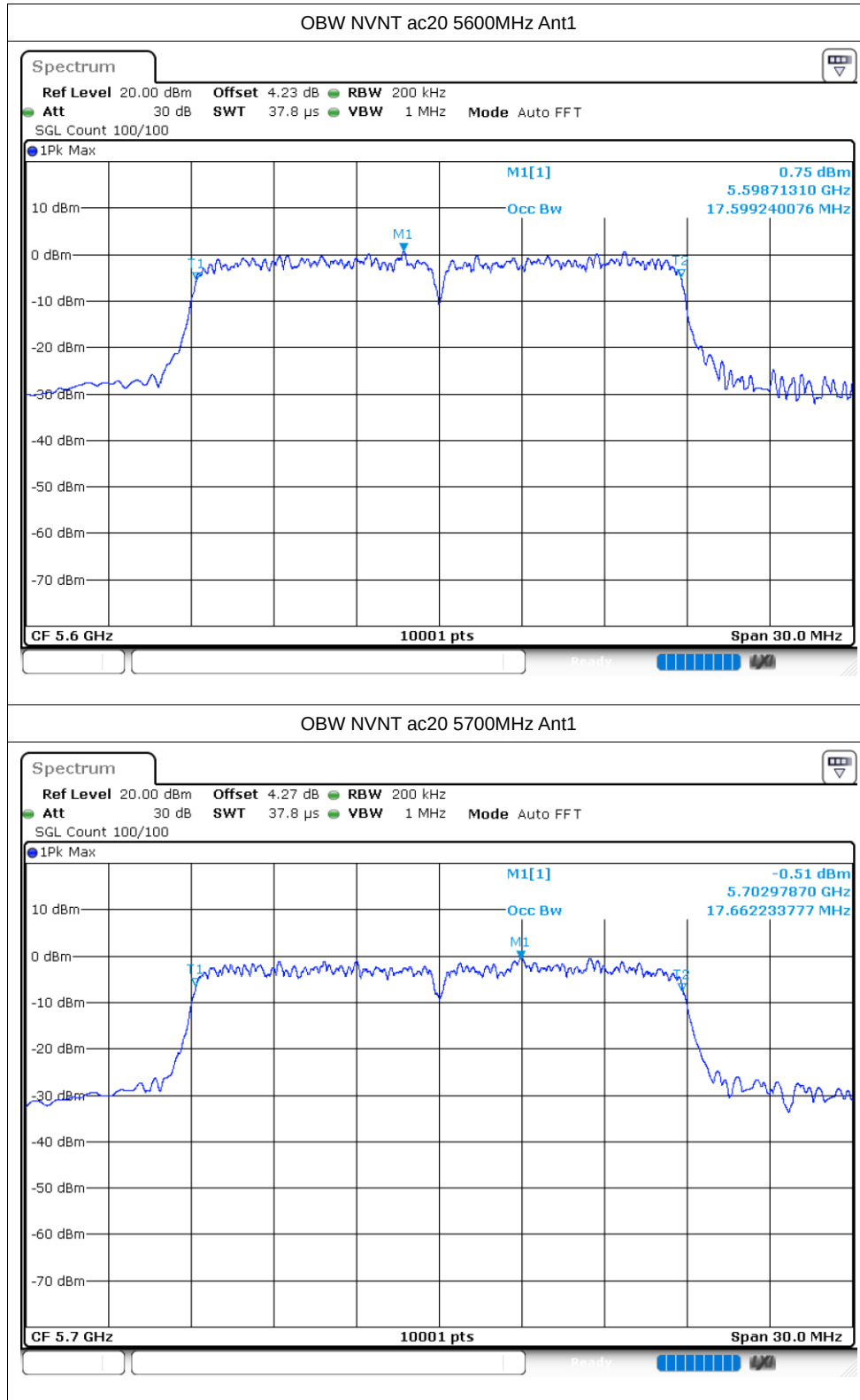


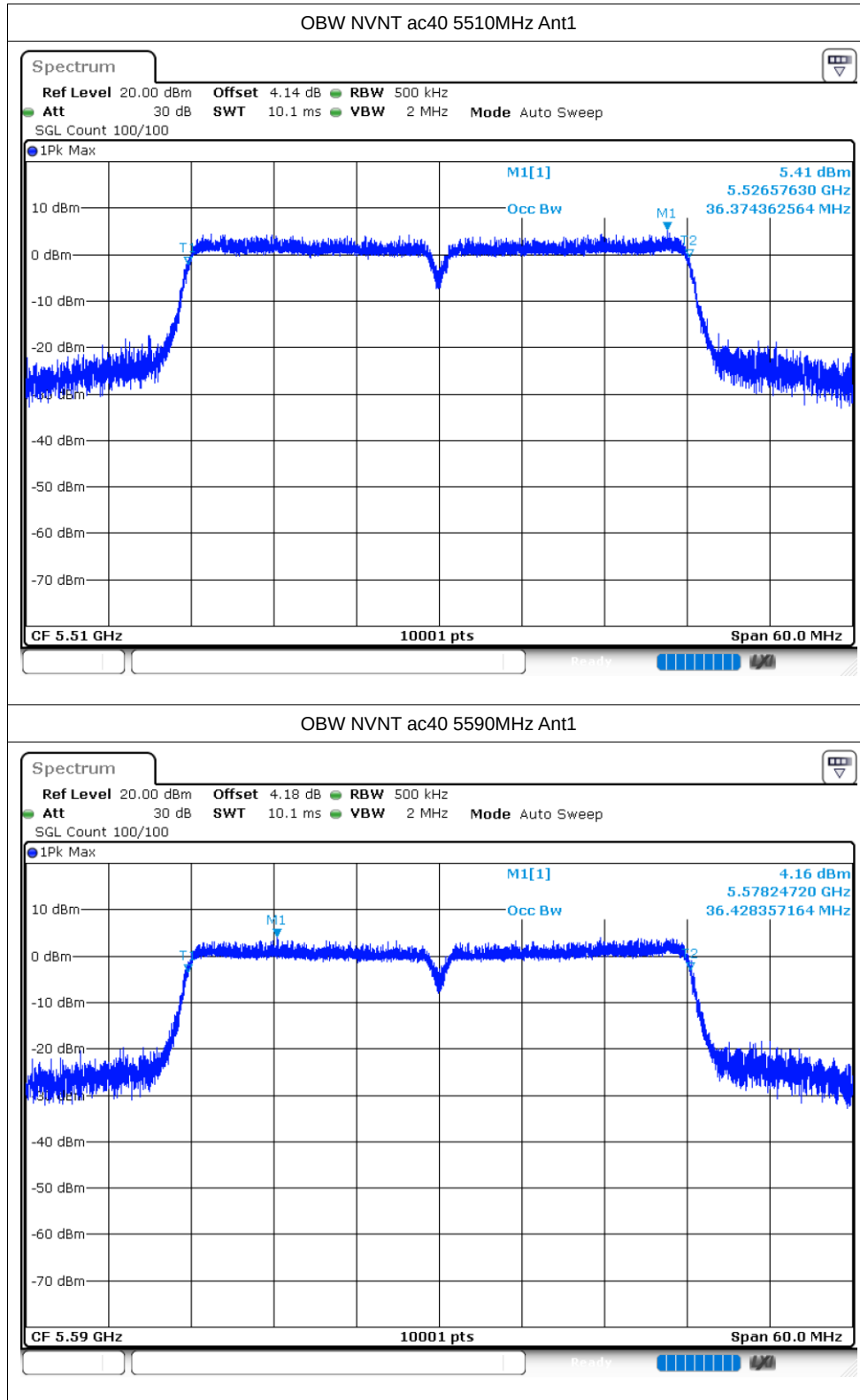


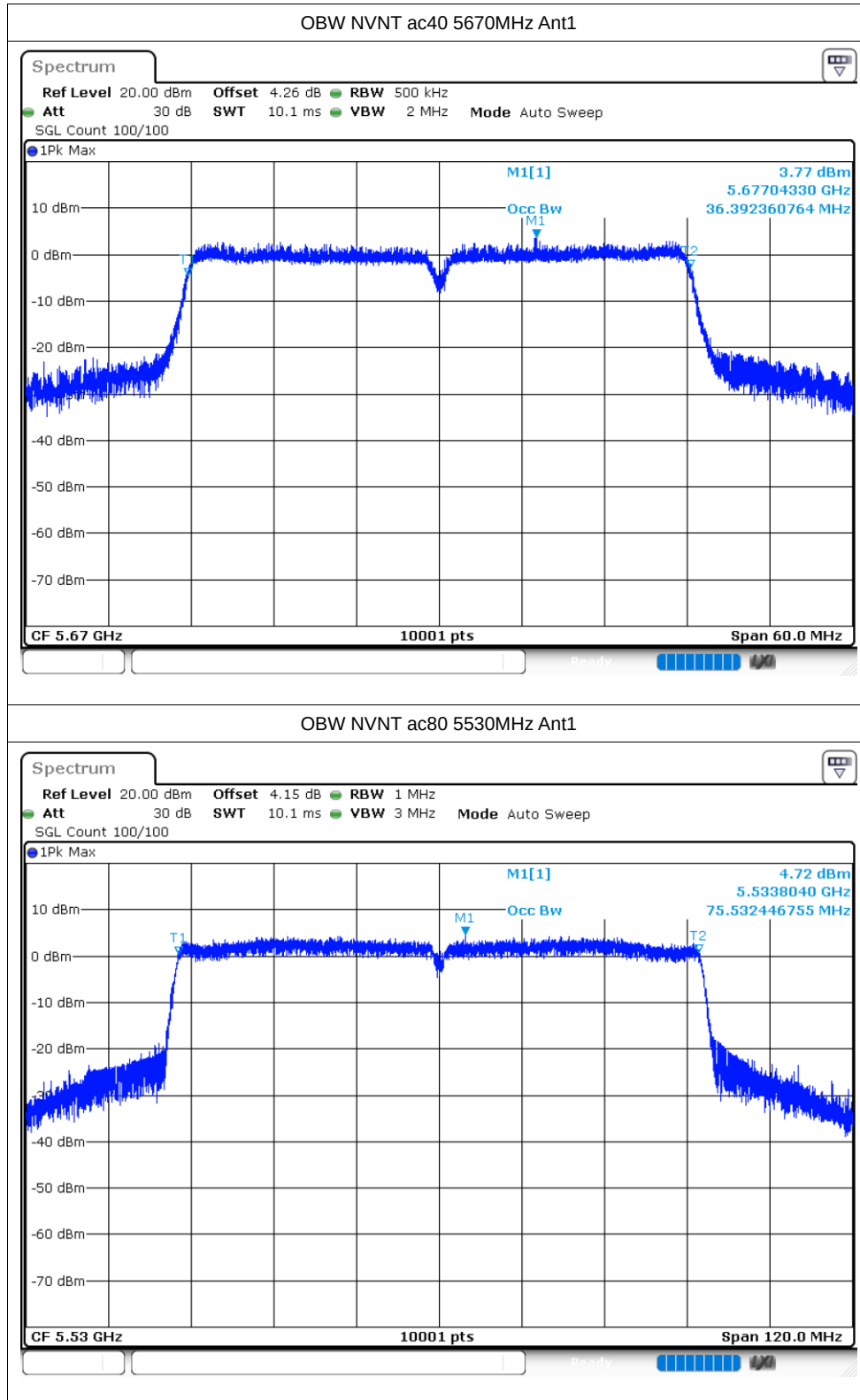


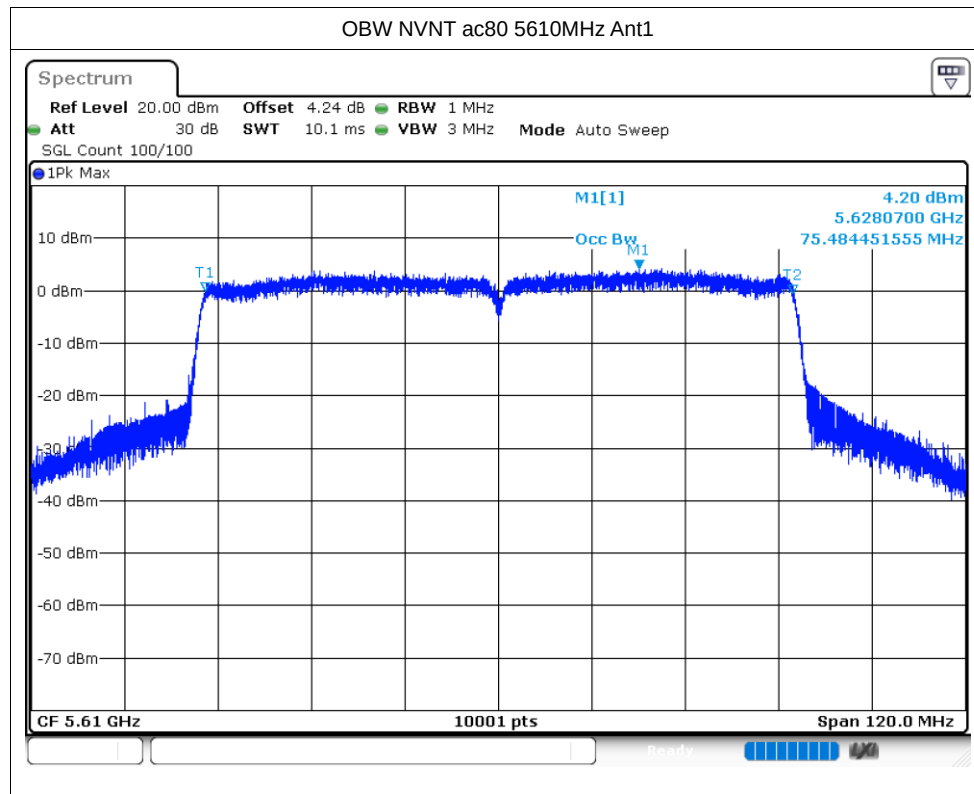










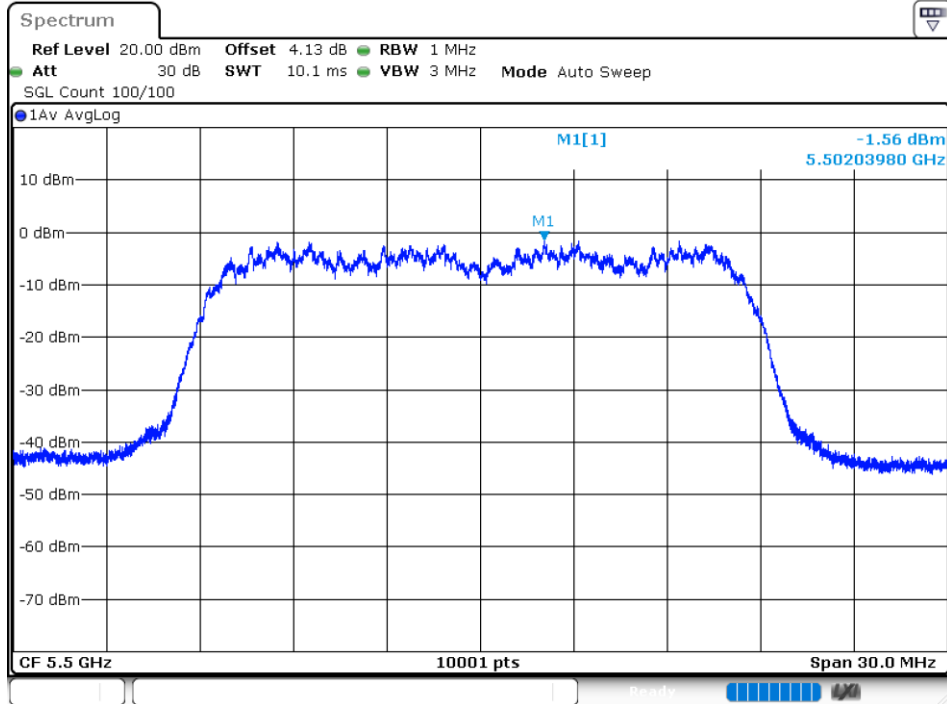


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.56	0.42	-1.14	11	Pass
NVNT	a	5600	Ant1	-2.9	0.42	-2.48	11	Pass
NVNT	a	5700	Ant1	-2.49	0.42	-2.07	11	Pass
NVNT	n20	5500	Ant1	-2.92	0.49	-2.43	11	Pass
NVNT	n20	5600	Ant1	-2.54	0.5	-2.04	11	Pass
NVNT	n20	5700	Ant1	-2.27	0.49	-1.78	11	Pass
NVNT	n40	5510	Ant1	-8.39	0.91	-7.48	11	Pass
NVNT	n40	5590	Ant1	-7.35	0.91	-6.44	11	Pass
NVNT	n40	5670	Ant1	-7.5	0.9	-6.6	11	Pass
NVNT	ac20	5500	Ant1	-3.34	0.49	-2.85	11	Pass
NVNT	ac20	5600	Ant1	-1.4	0.49	-0.91	11	Pass
NVNT	ac20	5700	Ant1	-3.55	0.48	-3.07	11	Pass
NVNT	ac40	5510	Ant1	-7.23	0.92	-6.31	11	Pass
NVNT	ac40	5590	Ant1	-8.83	0.91	-7.92	11	Pass
NVNT	ac40	5670	Ant1	-10.42	0.9	-9.52	11	Pass
NVNT	ac80	5530	Ant1	-18.31	1.61	-16.7	11	Pass
NVNT	ac80	5610	Ant1	-17.79	1.62	-16.17	11	Pass

Test Graphs

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1

