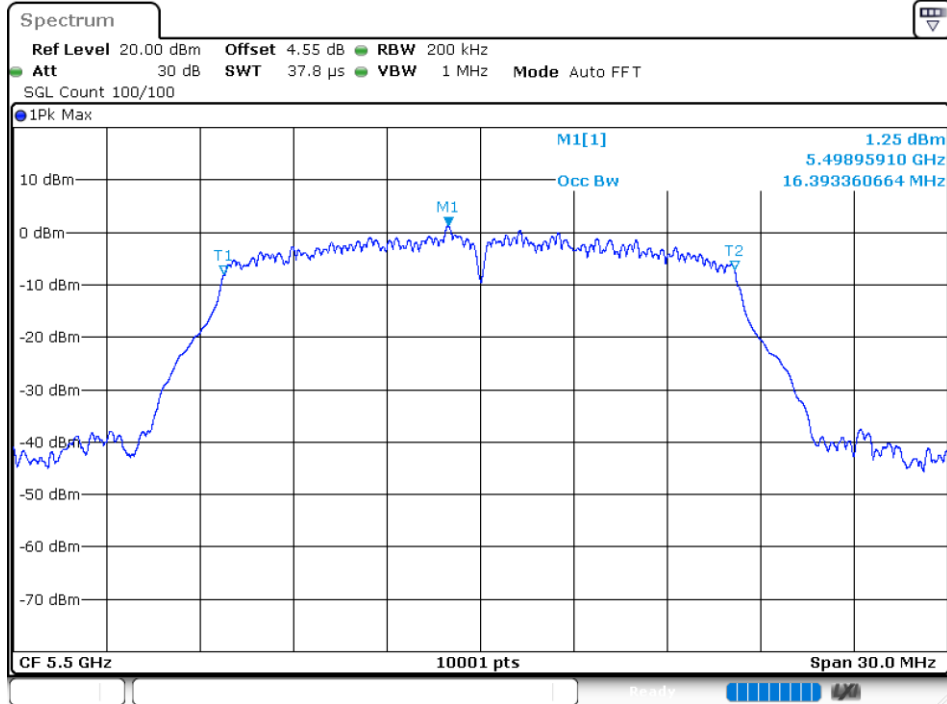


Occupied Channel Bandwidth

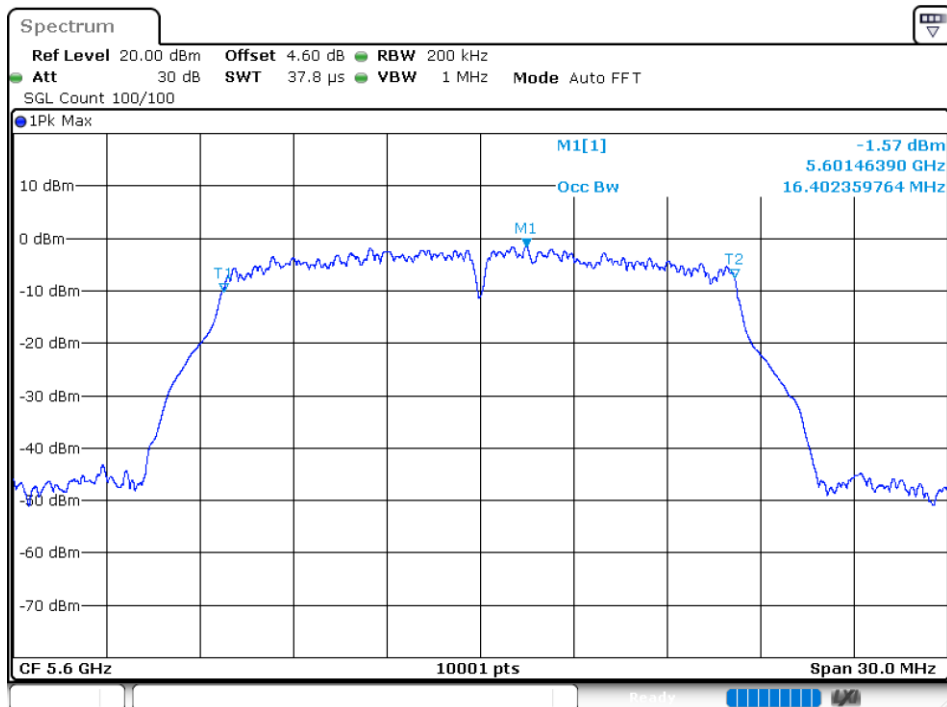
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.393
NVNT	a	5600	Ant1	16.402
NVNT	a	5700	Ant1	16.351
NVNT	n20	5500	Ant1	17.551
NVNT	n20	5600	Ant1	17.62
NVNT	n20	5700	Ant1	17.653
NVNT	n40	5510	Ant1	36.008
NVNT	n40	5590	Ant1	35.996
NVNT	n40	5670	Ant1	36.014
NVNT	ac20	5500	Ant1	17.596
NVNT	ac20	5600	Ant1	17.512
NVNT	ac20	5700	Ant1	17.524
NVNT	ac40	5510	Ant1	36.038
NVNT	ac40	5590	Ant1	36.002
NVNT	ac40	5670	Ant1	35.996
NVNT	ac80	5530	Ant1	75.148
NVNT	ac80	5610	Ant1	75.016

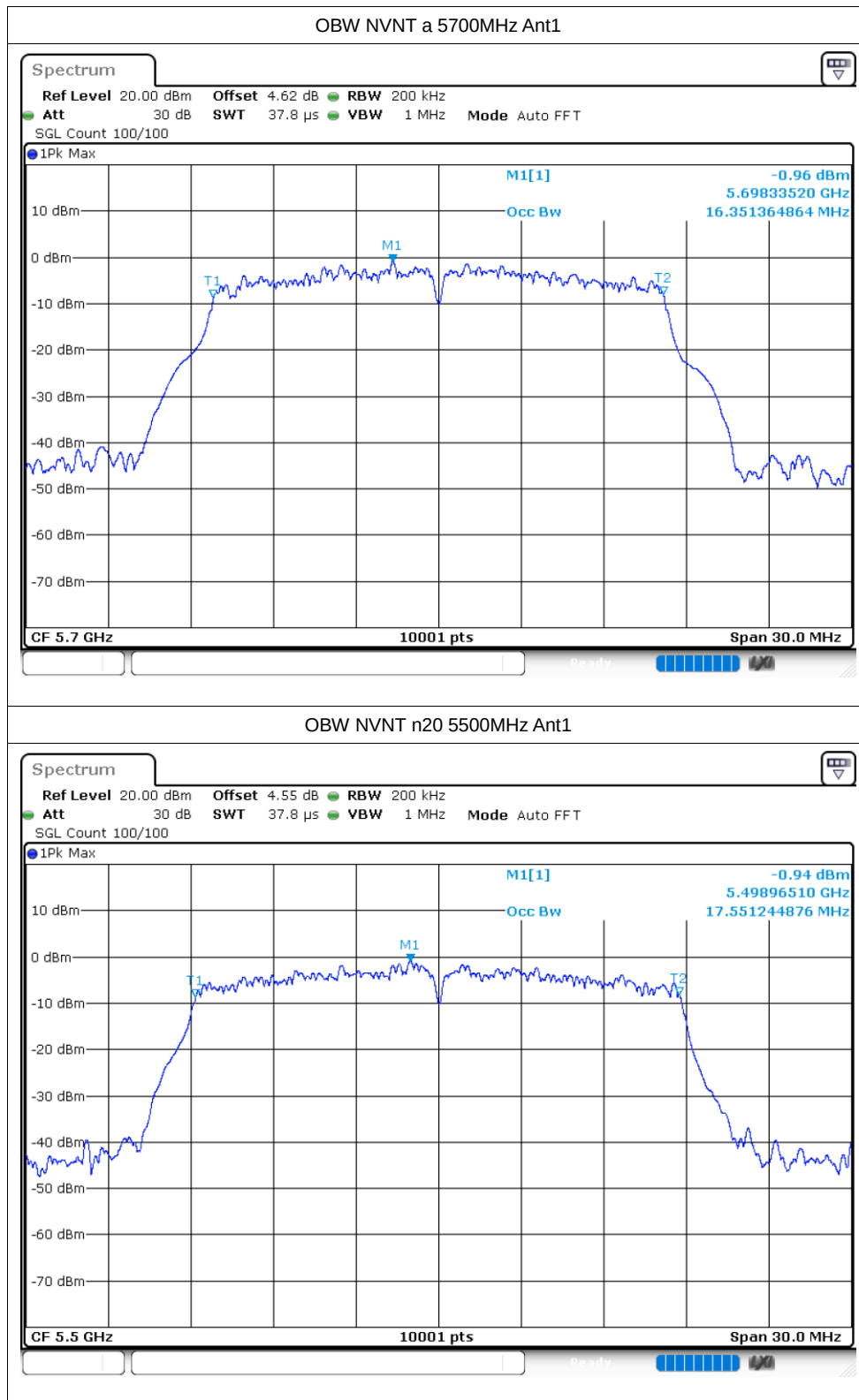
Test Graphs

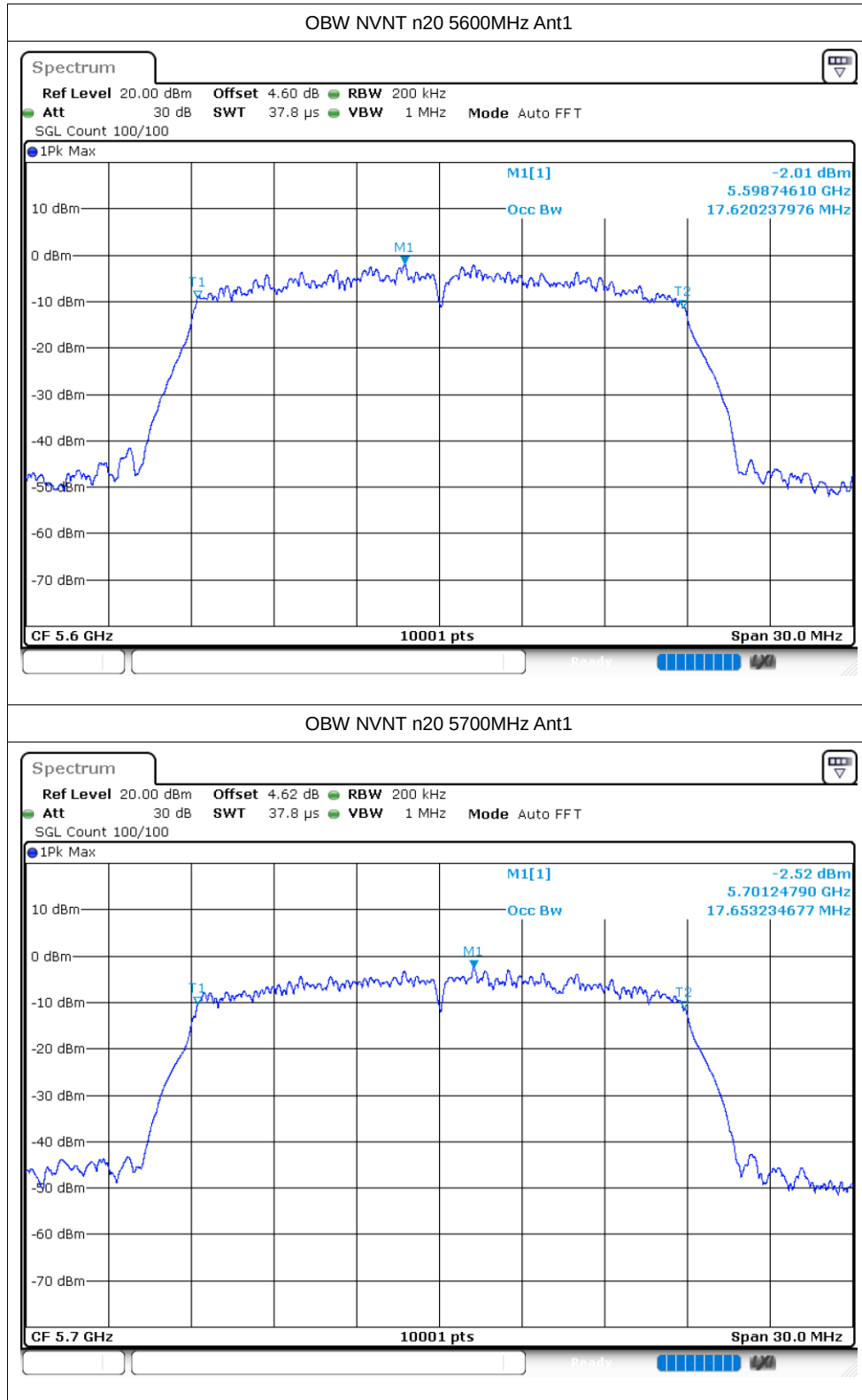
OBW NVNT a 5500MHz Ant1

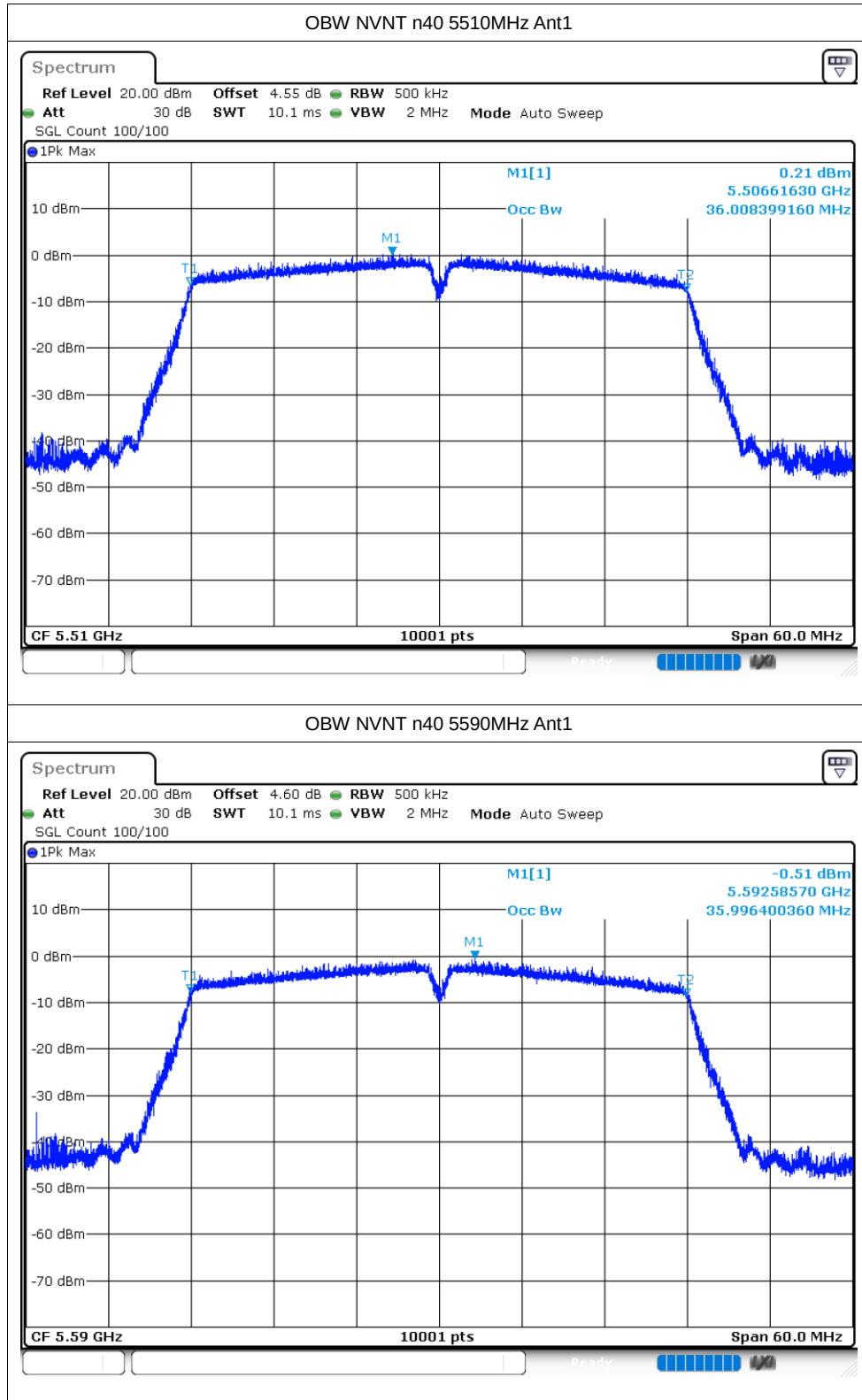


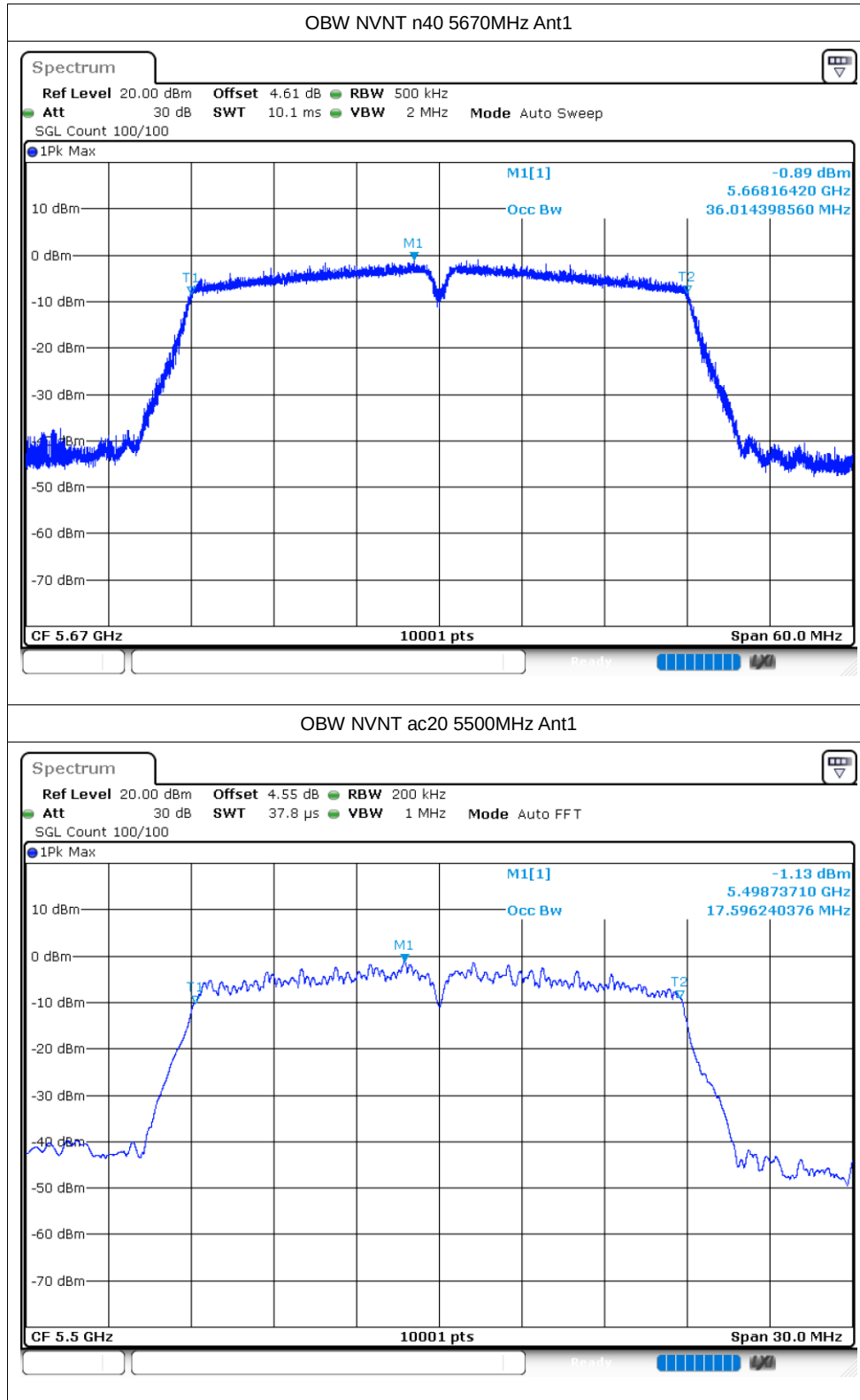
OBW NVNT a 5600MHz Ant1

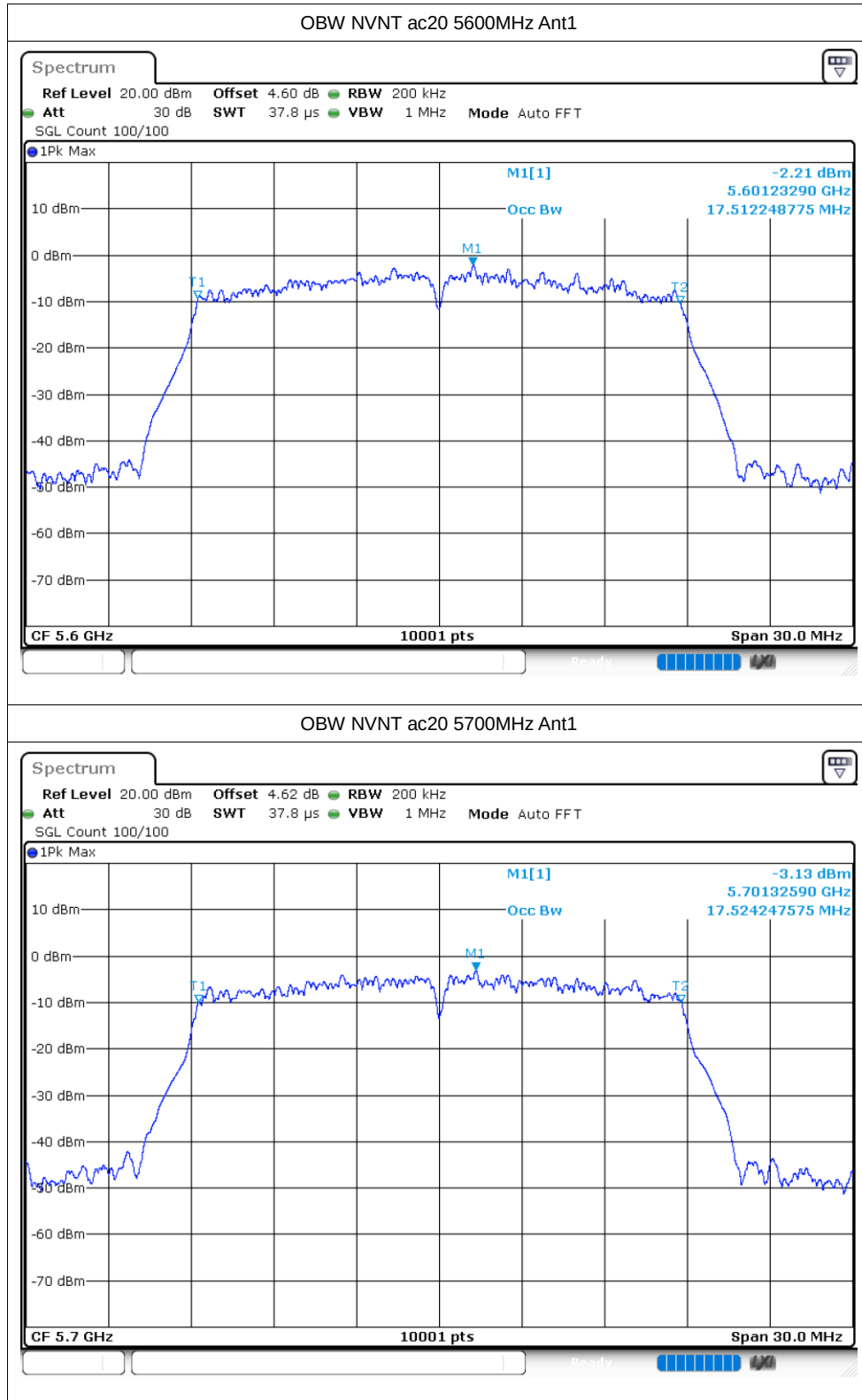


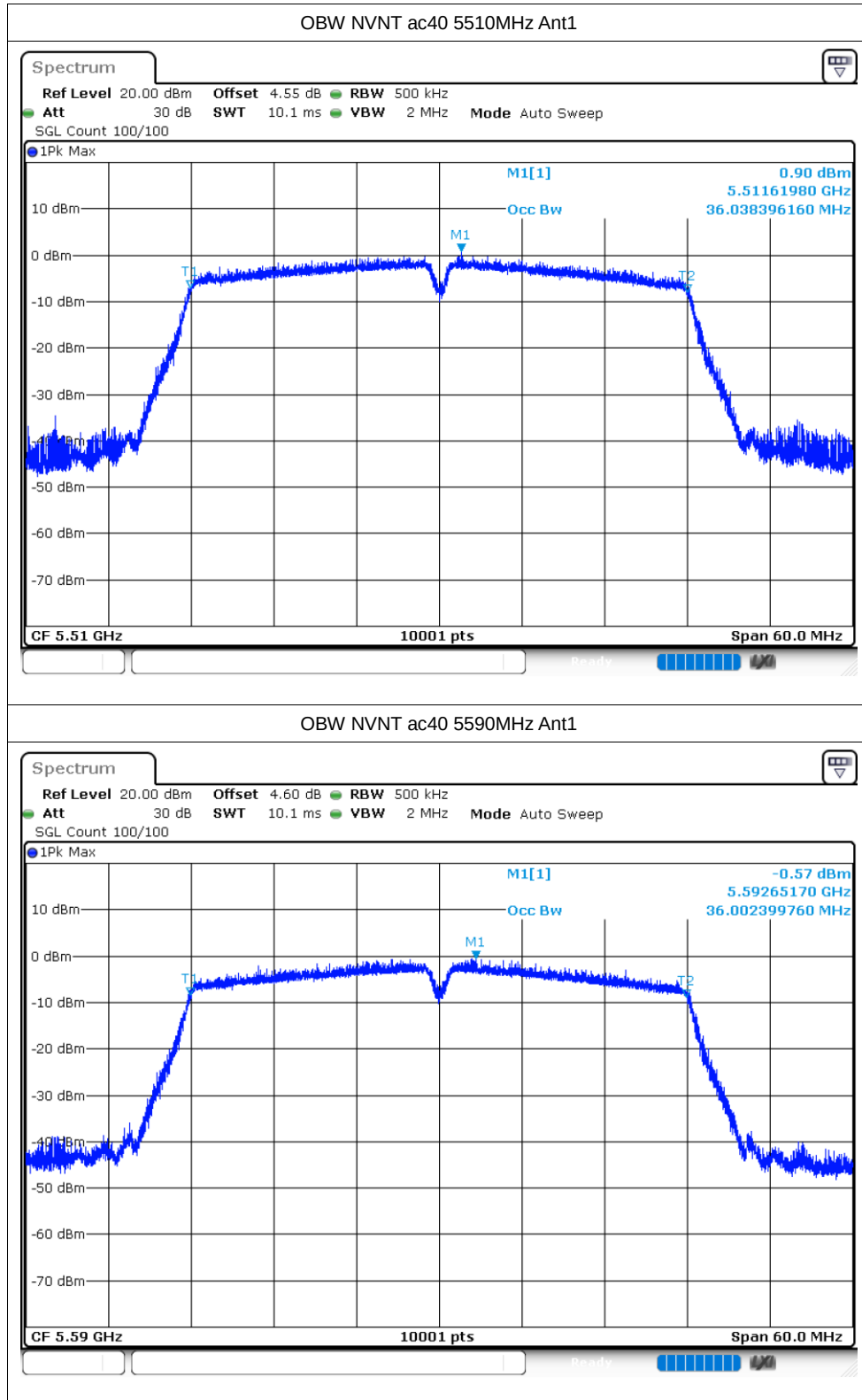


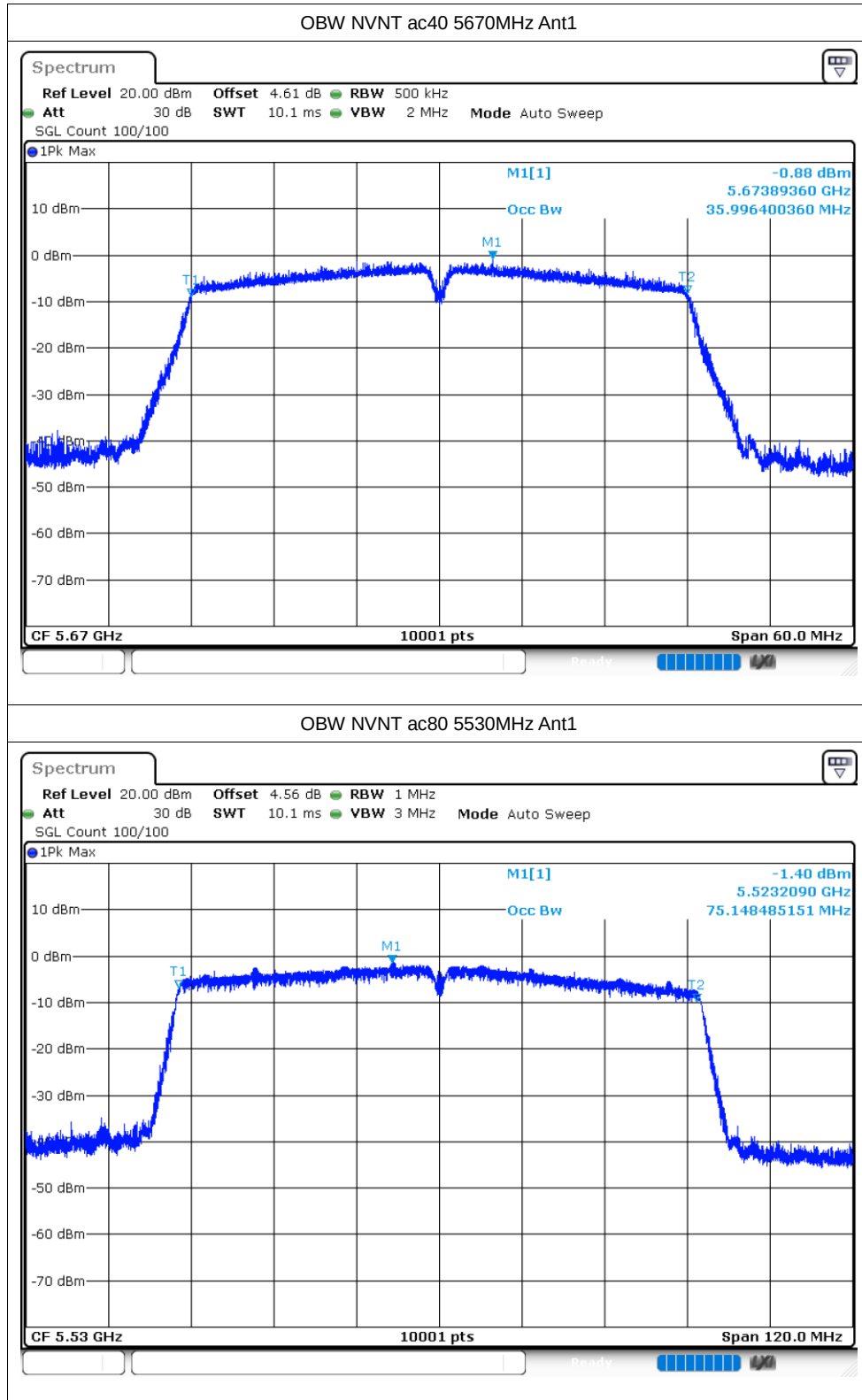


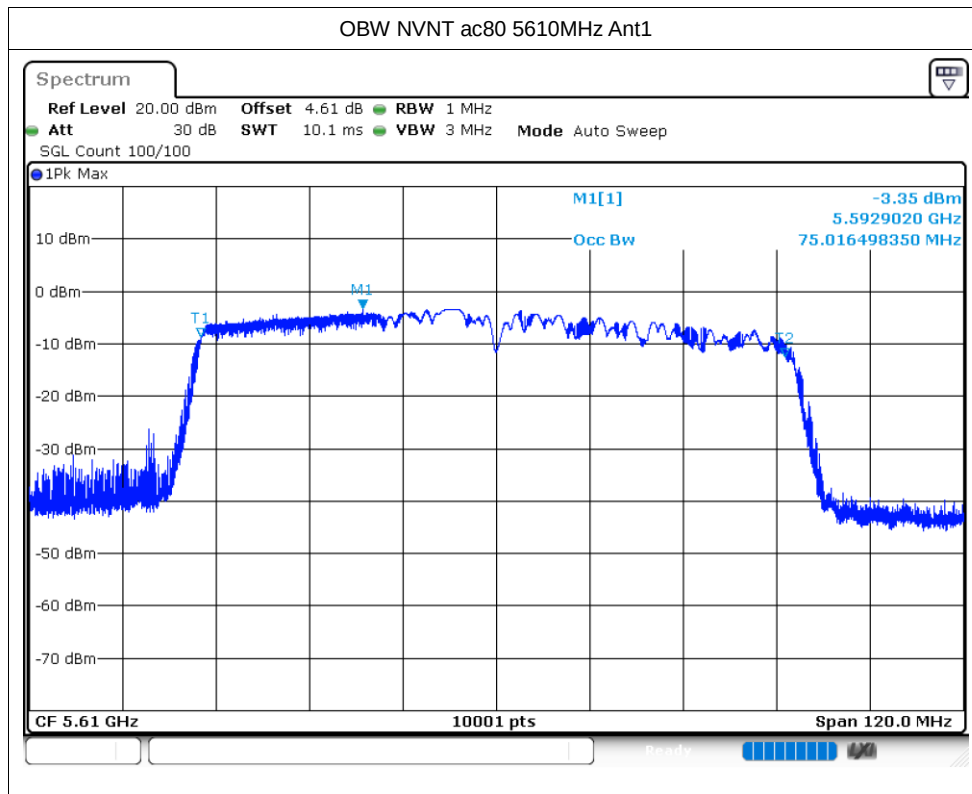










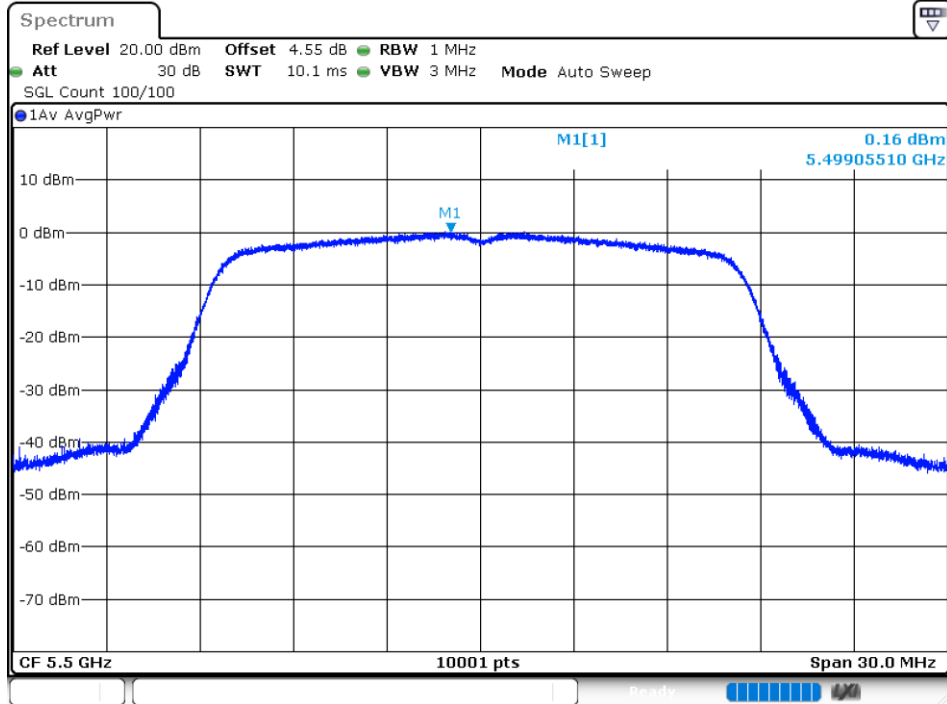


Maximum Power Spectral Density Level

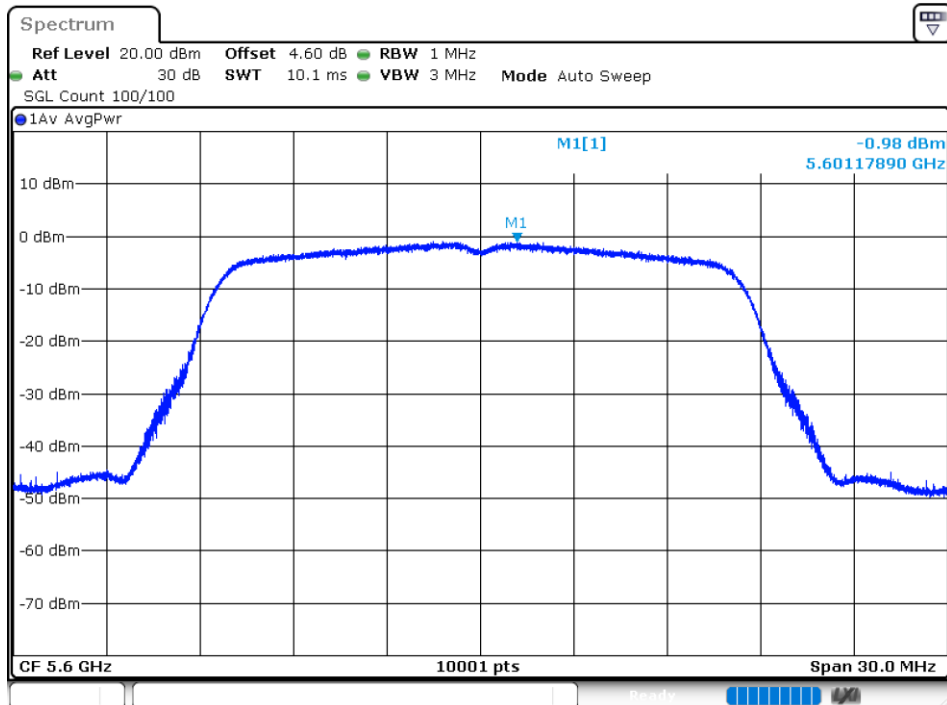
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	0.16	0.11	0.27	11	Pass
NVNT	a	5600	Ant1	-0.98	0.11	-0.87	11	Pass
NVNT	a	5700	Ant1	-1.01	0.11	-0.9	11	Pass
NVNT	n20	5500	Ant1	-0.97	0.11	-0.86	11	Pass
NVNT	n20	5600	Ant1	-2.7	0.11	-2.59	11	Pass
NVNT	n20	5700	Ant1	-3.05	0.11	-2.94	11	Pass
NVNT	n40	5510	Ant1	-5.15	0.22	-4.93	11	Pass
NVNT	n40	5590	Ant1	-5.82	0.22	-5.6	11	Pass
NVNT	n40	5670	Ant1	-6.05	0.22	-5.83	11	Pass
NVNT	ac20	5500	Ant1	-1.79	0.11	-1.68	11	Pass
NVNT	ac20	5600	Ant1	-2.8	0.11	-2.69	11	Pass
NVNT	ac20	5700	Ant1	-3.07	0.11	-2.96	11	Pass
NVNT	ac40	5510	Ant1	-5.22	0.22	-5	11	Pass
NVNT	ac40	5590	Ant1	-5.67	0.22	-5.45	11	Pass
NVNT	ac40	5670	Ant1	-6.13	0.22	-5.91	11	Pass
NVNT	ac80	5530	Ant1	-10.6	0.44	-10.16	11	Pass
NVNT	ac80	5610	Ant1	-10.32	0.11	-10.21	11	Pass

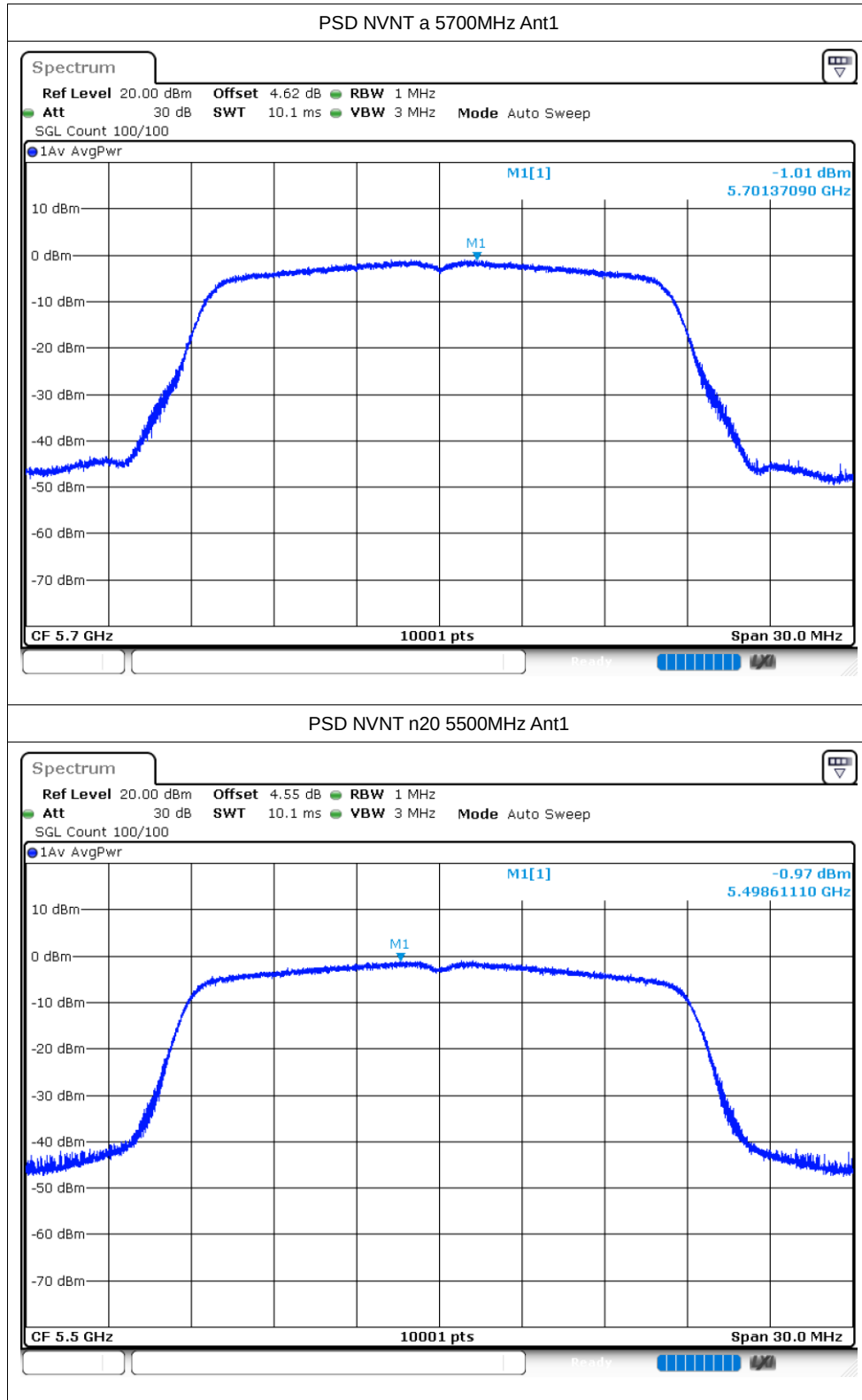
Test Graphs

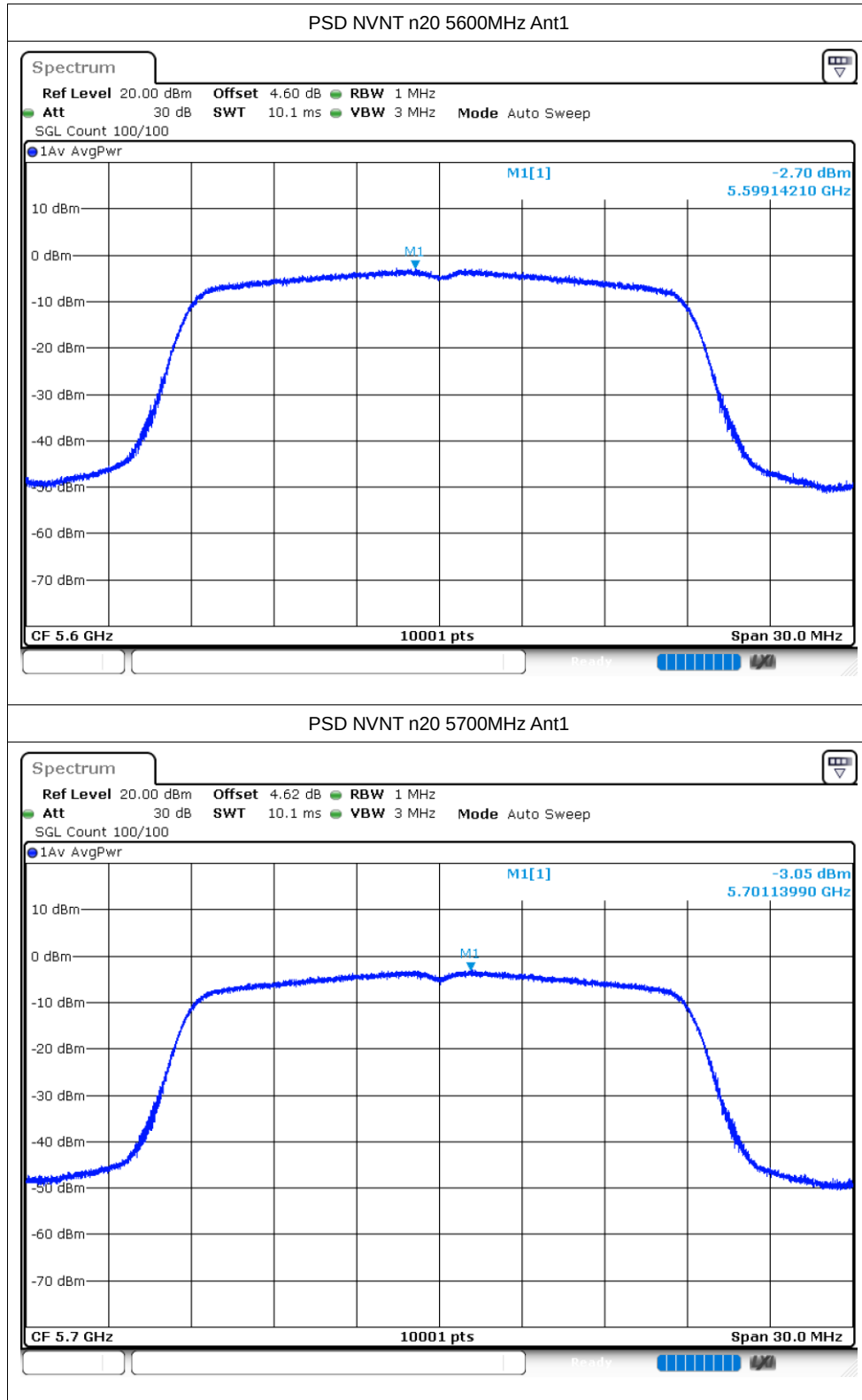
PSD NVNT a 5500MHz Ant1

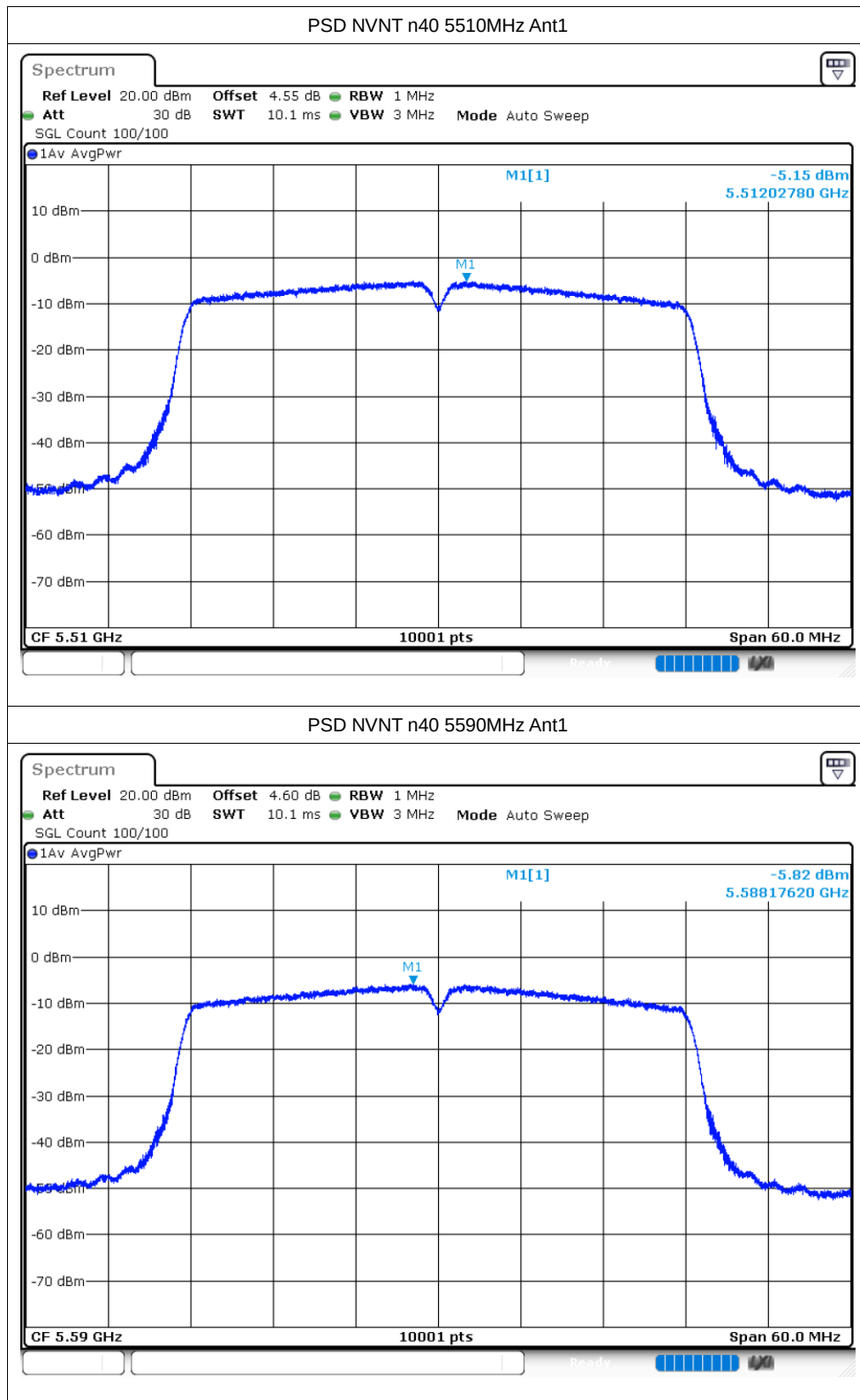


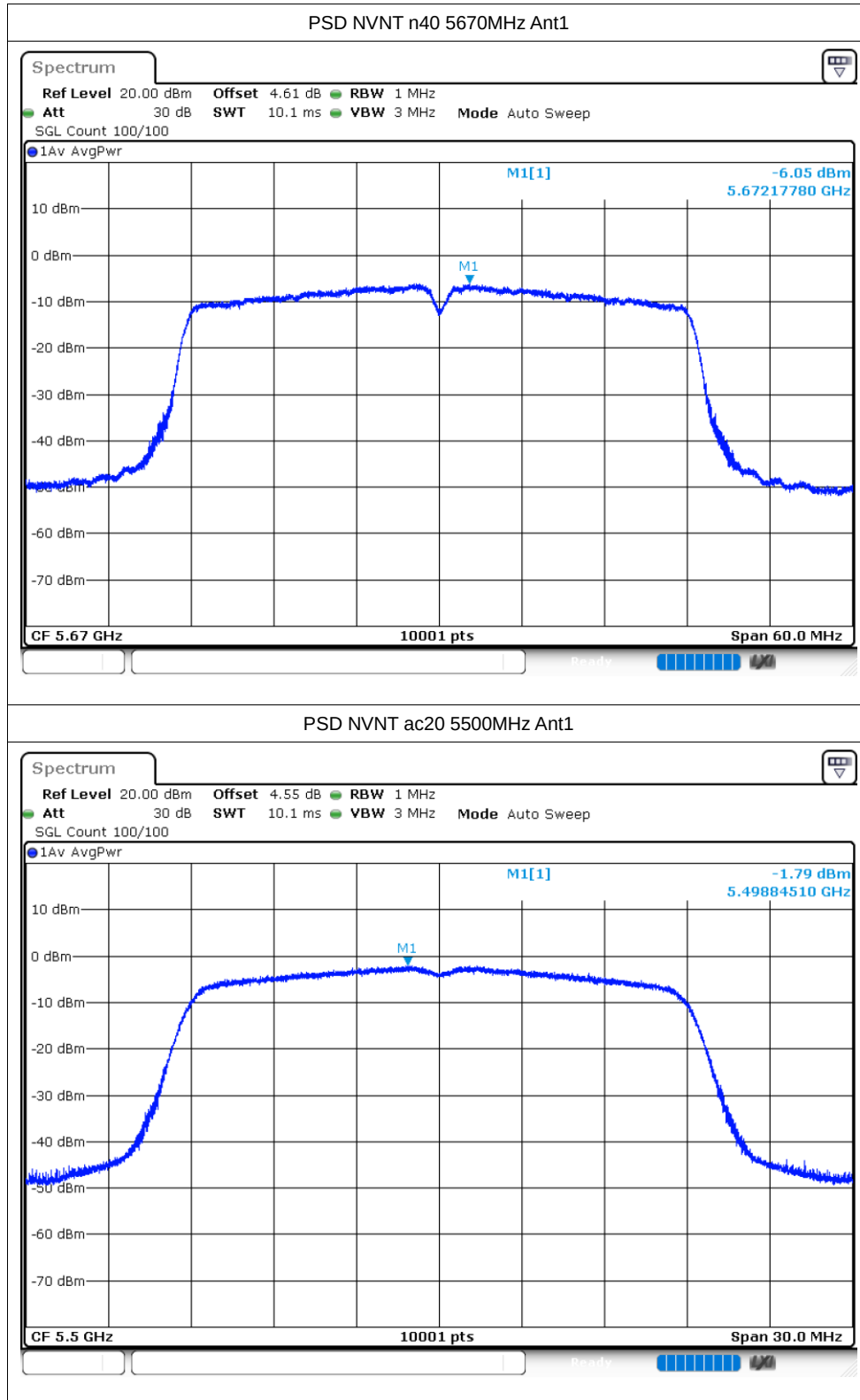
PSD NVNT a 5600MHz Ant1

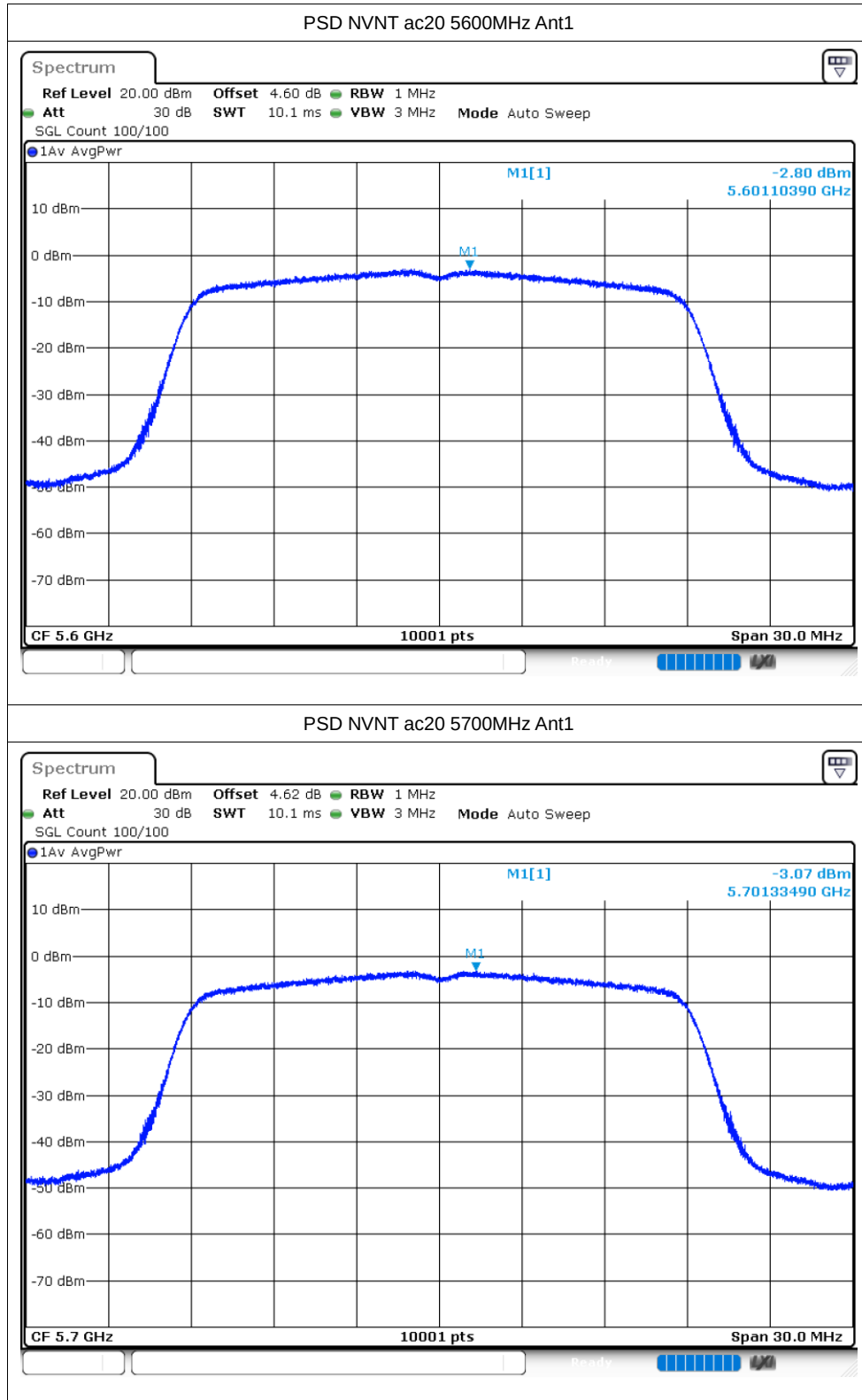


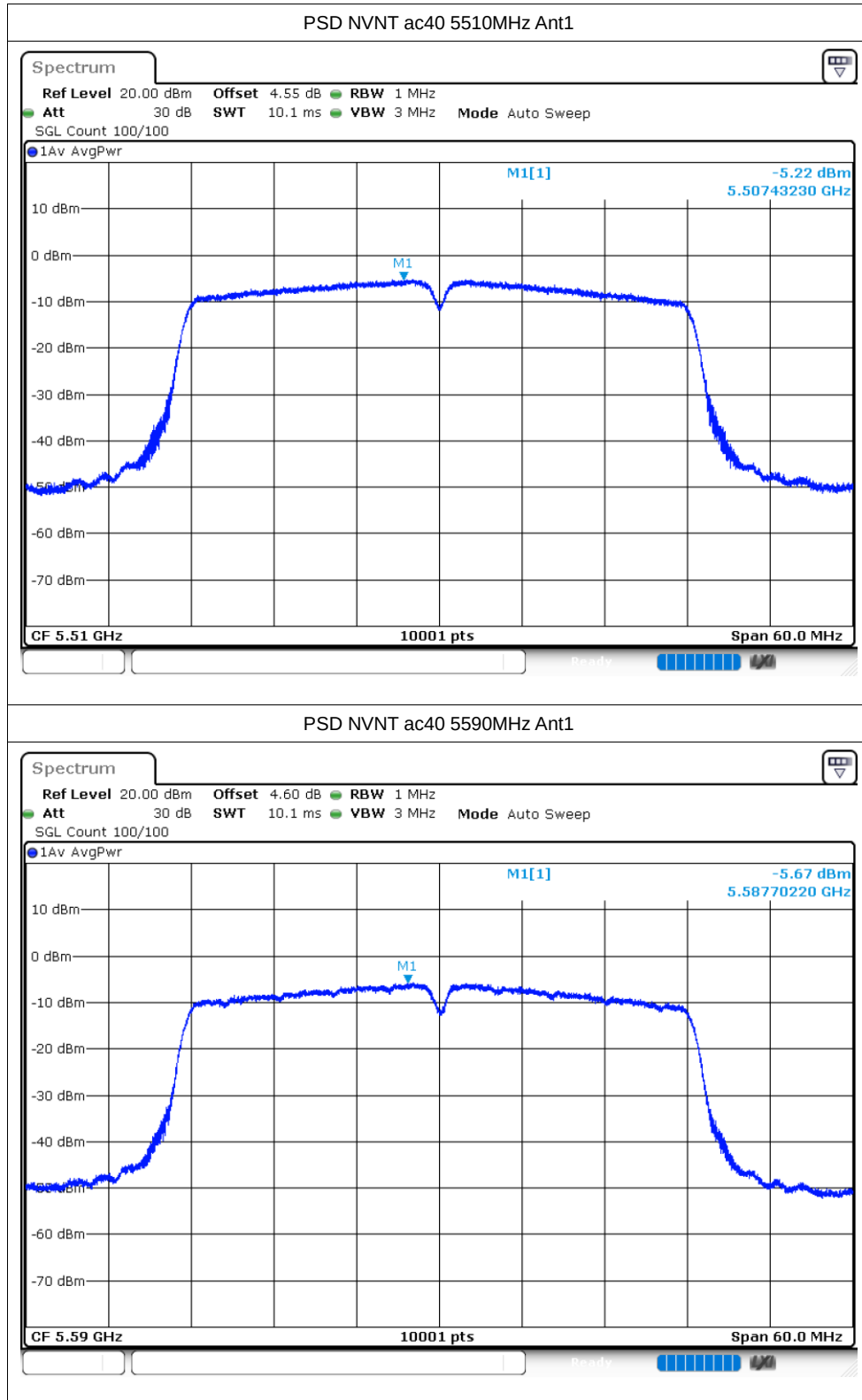


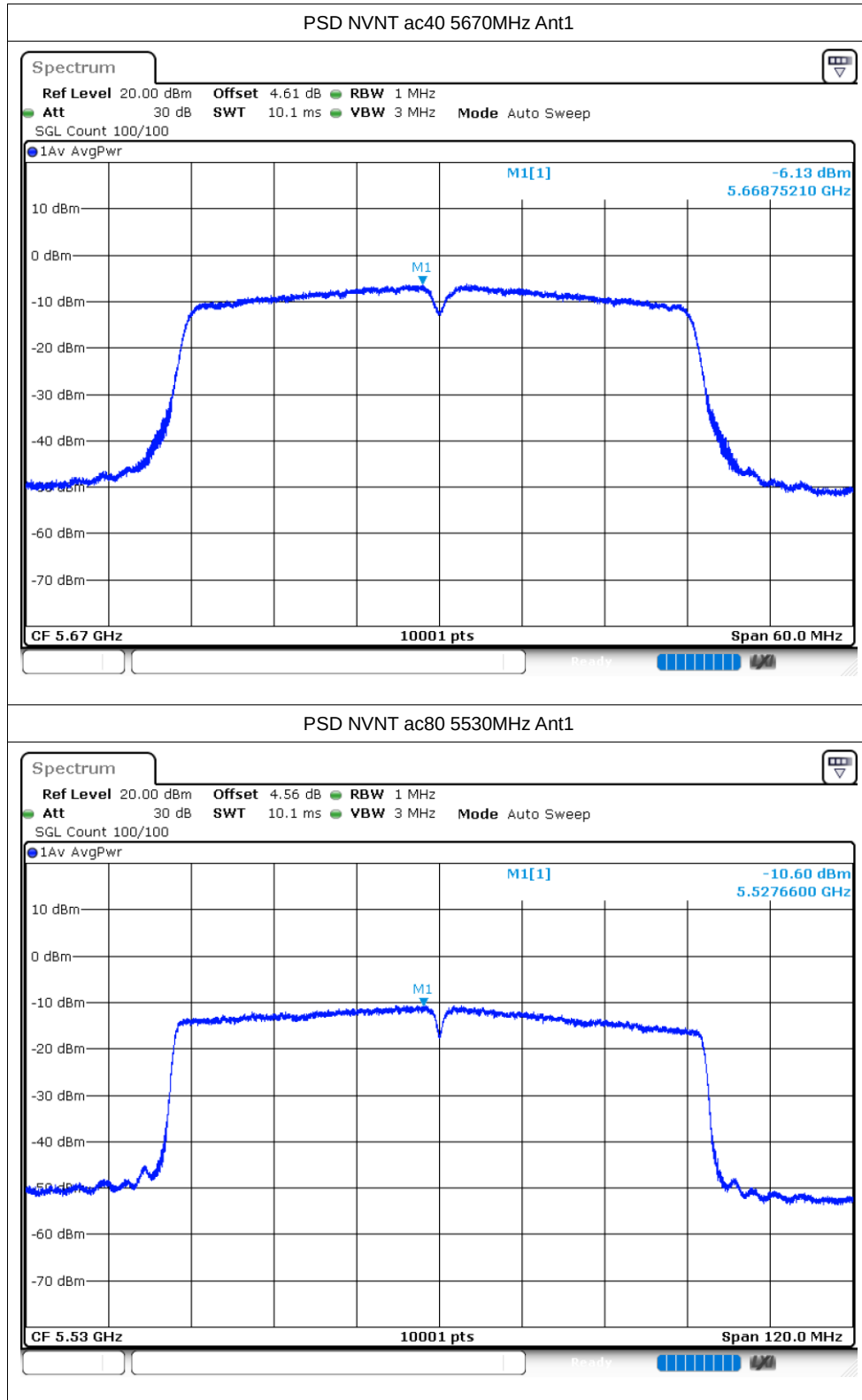


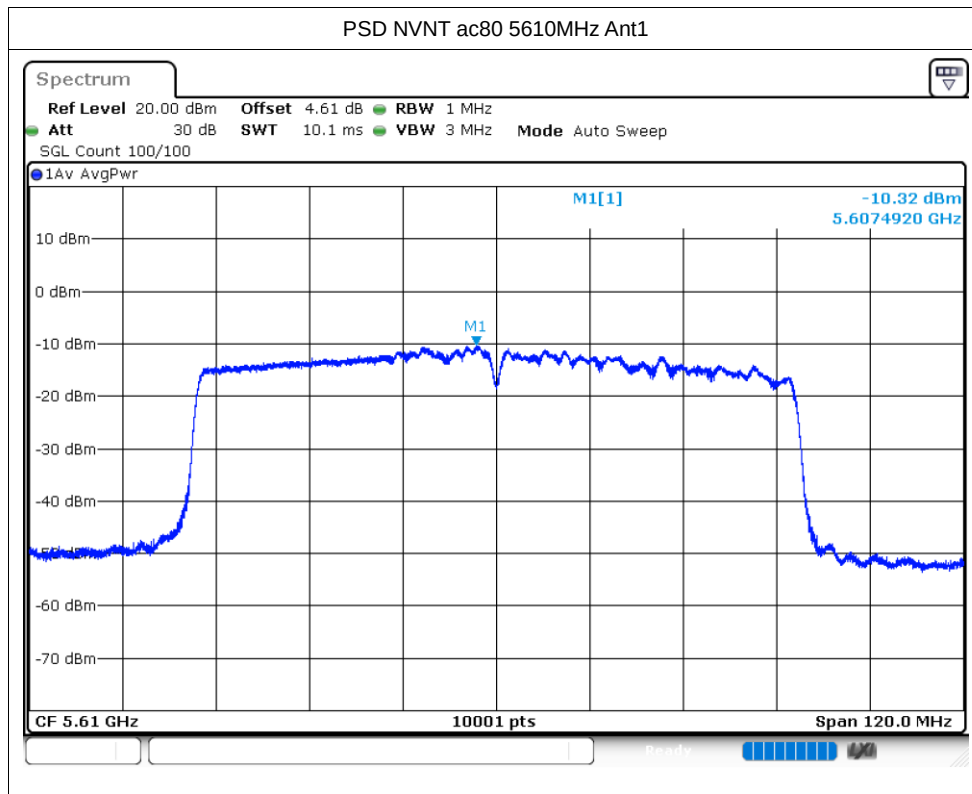












5.8G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.58	0.11	0.72
NVNT	a	5785	Ant1	97.6	0.11	0.72
NVNT	a	5825	Ant1	99.78	0.01	0.71
NVNT	n20	5745	Ant1	97.45	0.11	0.77
NVNT	n20	5785	Ant1	97.44	0.11	0.77
NVNT	n20	5825	Ant1	97.44	0.11	0.77
NVNT	n40	5755	Ant1	95.11	0.22	1.54
NVNT	n40	5795	Ant1	99.41	0.03	0.72
NVNT	ac20	5745	Ant1	97.48	0.11	0.76
NVNT	ac20	5785	Ant1	97.44	0.11	0.76
NVNT	ac20	5825	Ant1	97.42	0.11	0.76
NVNT	ac40	5755	Ant1	95.09	0.22	1.54
NVNT	ac40	5795	Ant1	95.12	0.22	1.54
NVNT	ac80	5775	Ant1	90.62	0.43	3.12

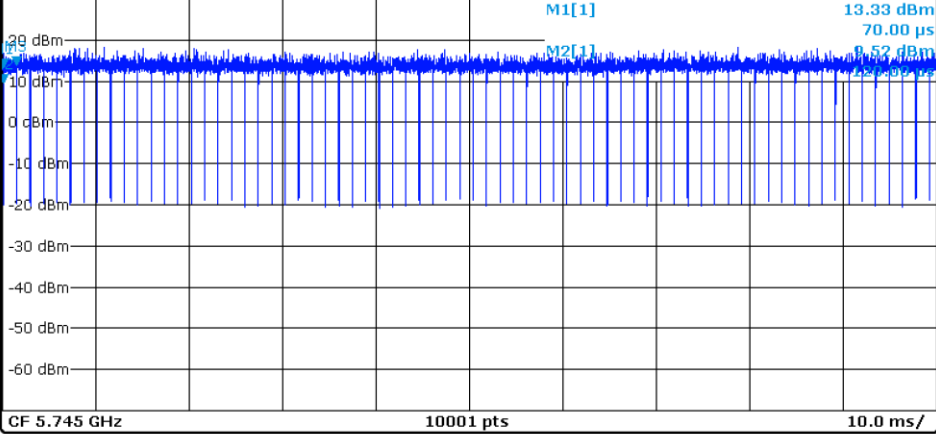
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.65 dB RBW 10 MHz
 Att 45 dB SWT 100 ms VBW 10 MHz
 SGL

1Pk Clrw



Marker

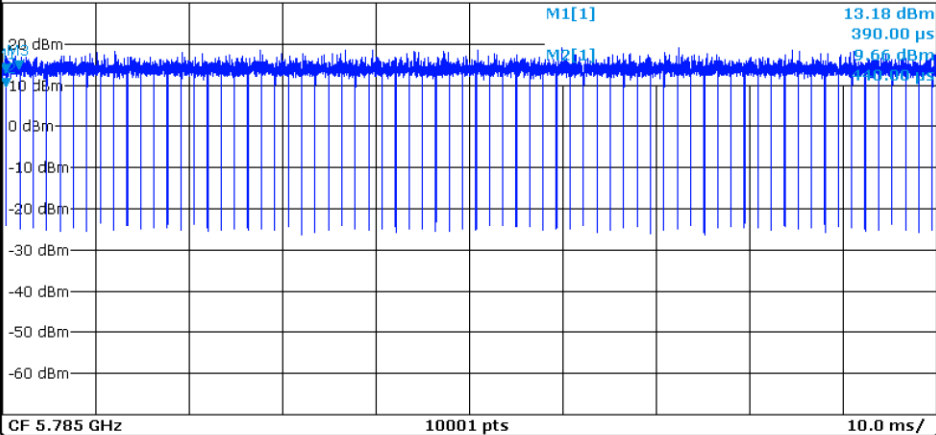
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		70.0 μ s	13.33 dBm		
M2	1		120.0 μ s	9.52 dBm		
M3	1		1.51 ms	14.02 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

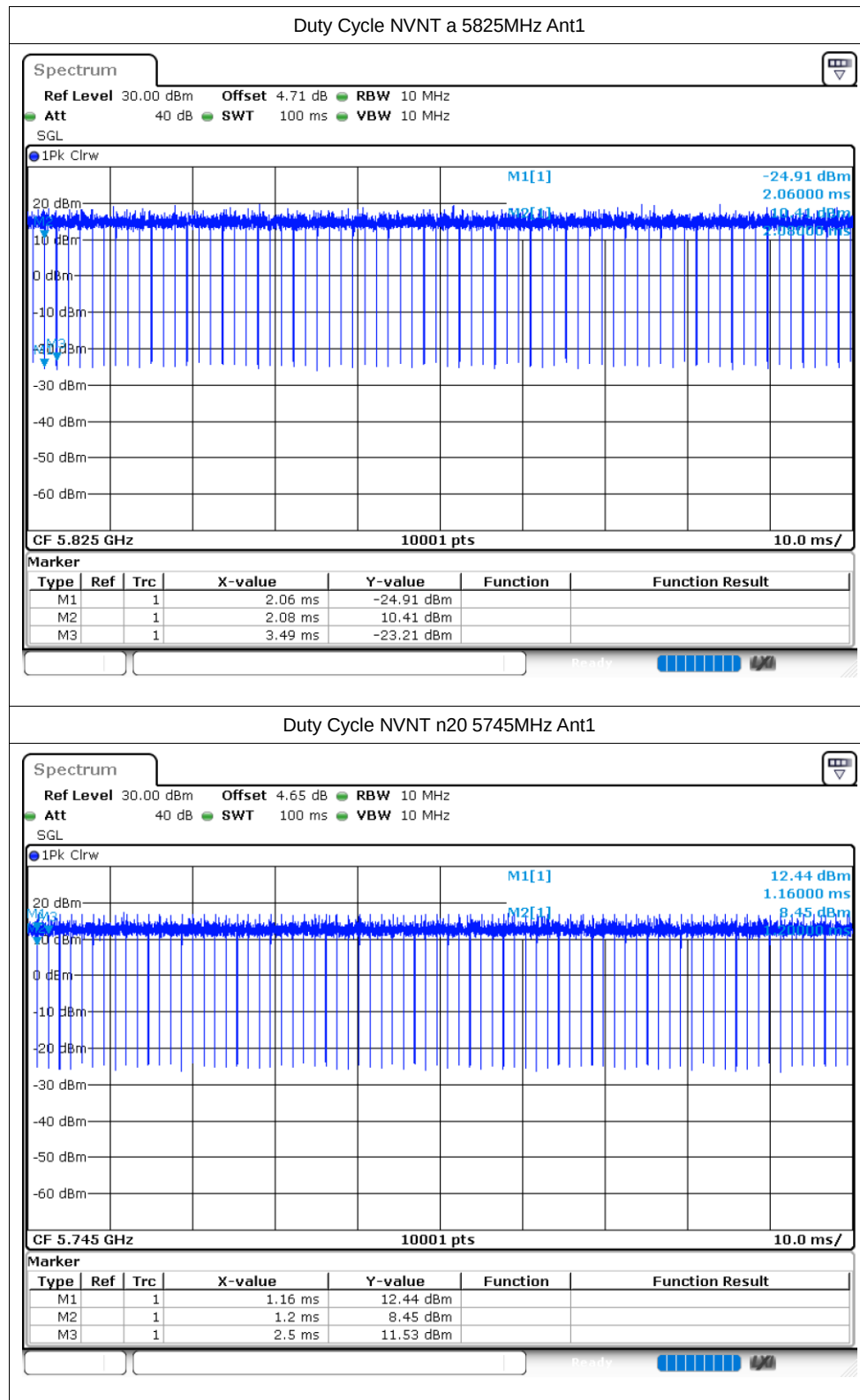
Ref Level 30.00 dBm Offset 4.71 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

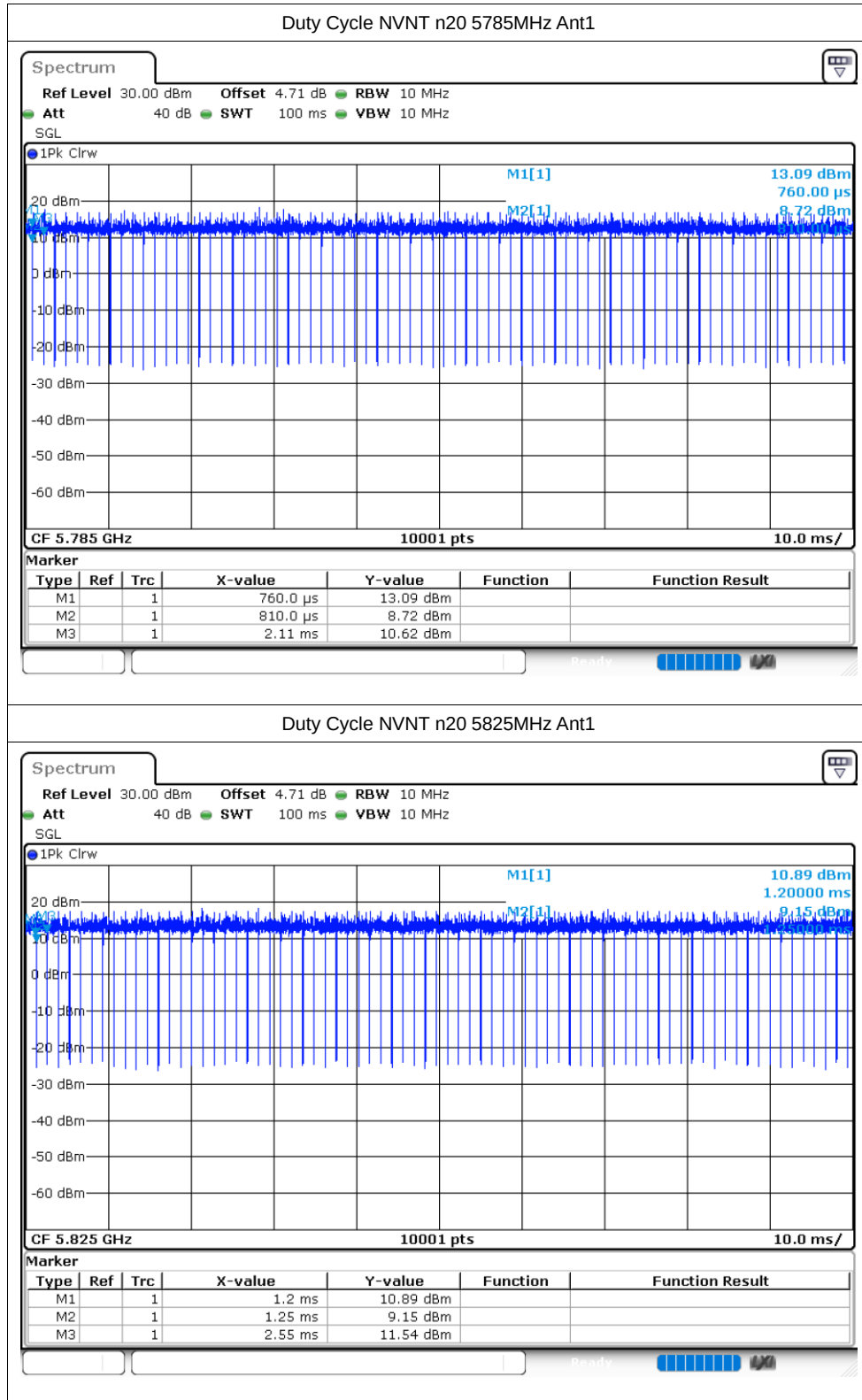
1Pk Clrw

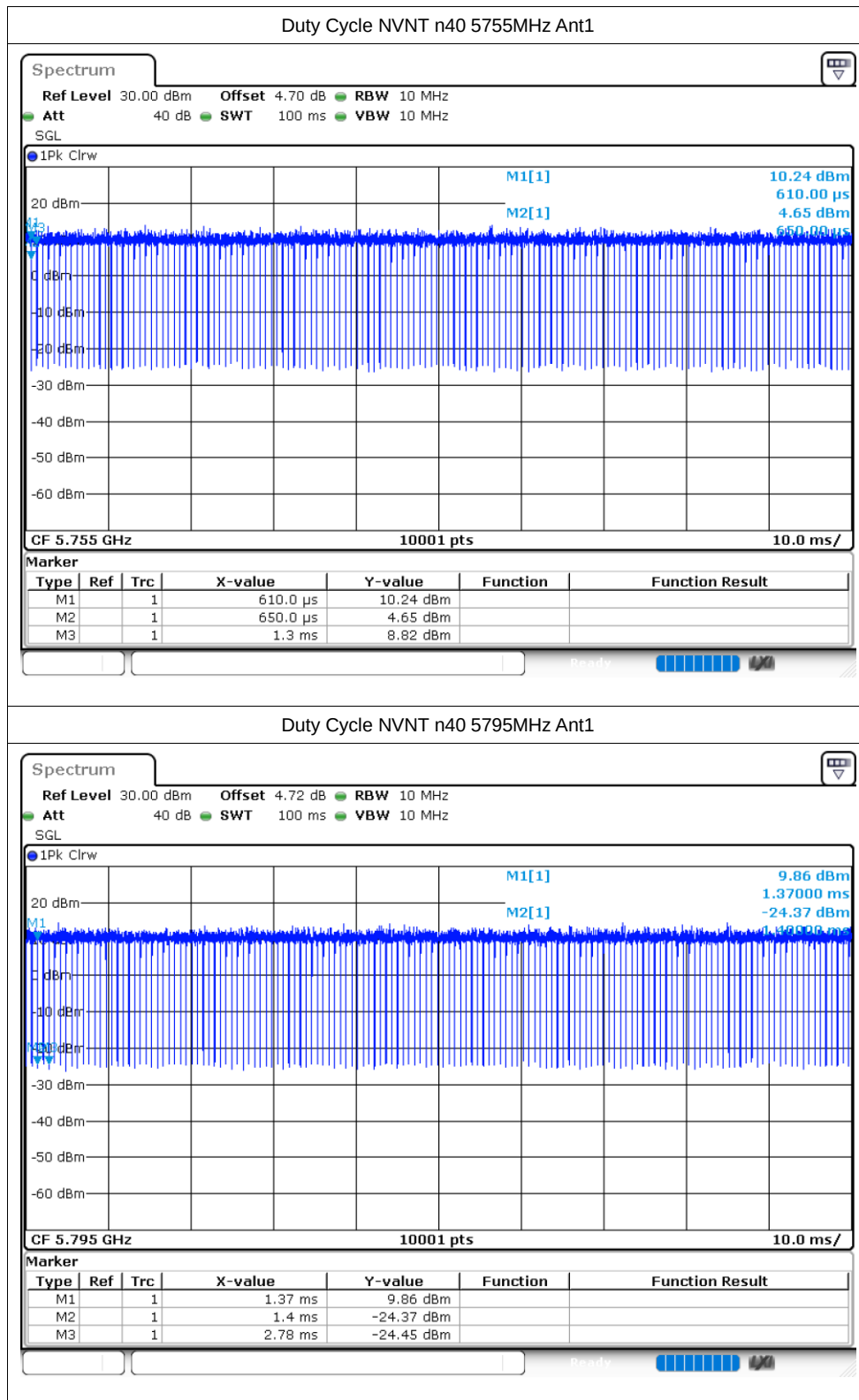


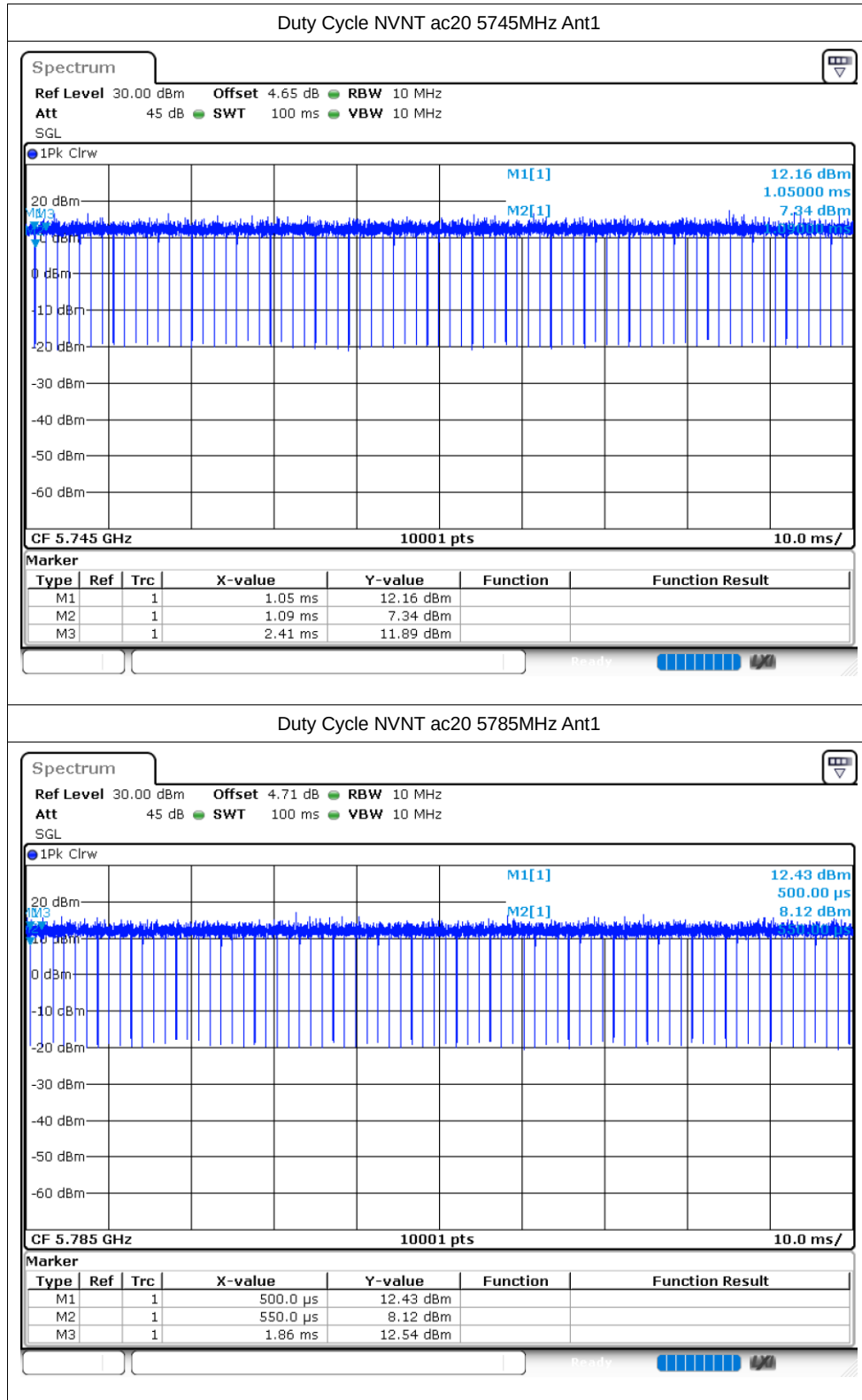
Marker

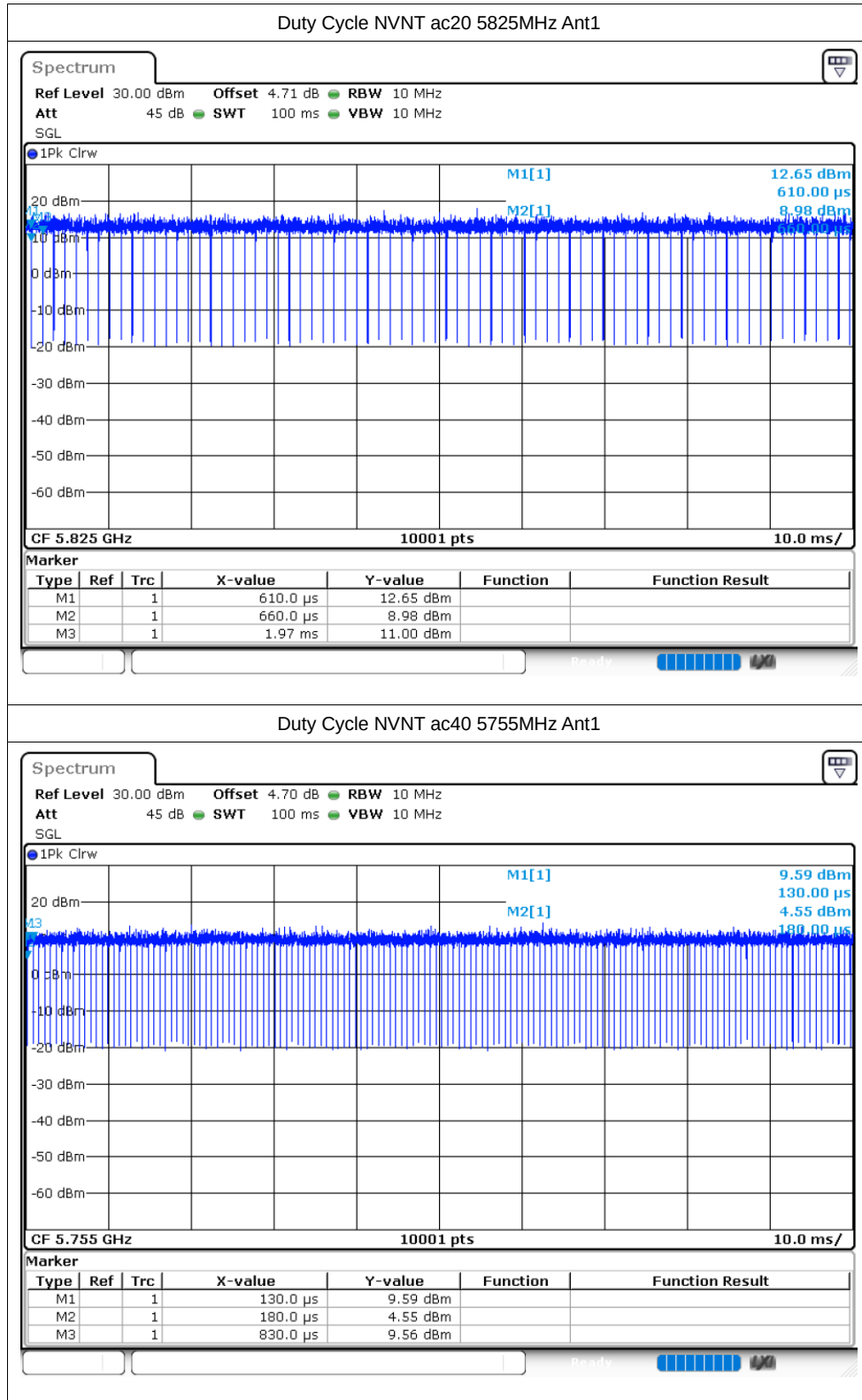
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		390.0 μ s	13.18 dBm		
M2	1		440.0 μ s	9.66 dBm		
M3	1		1.83 ms	14.02 dBm		

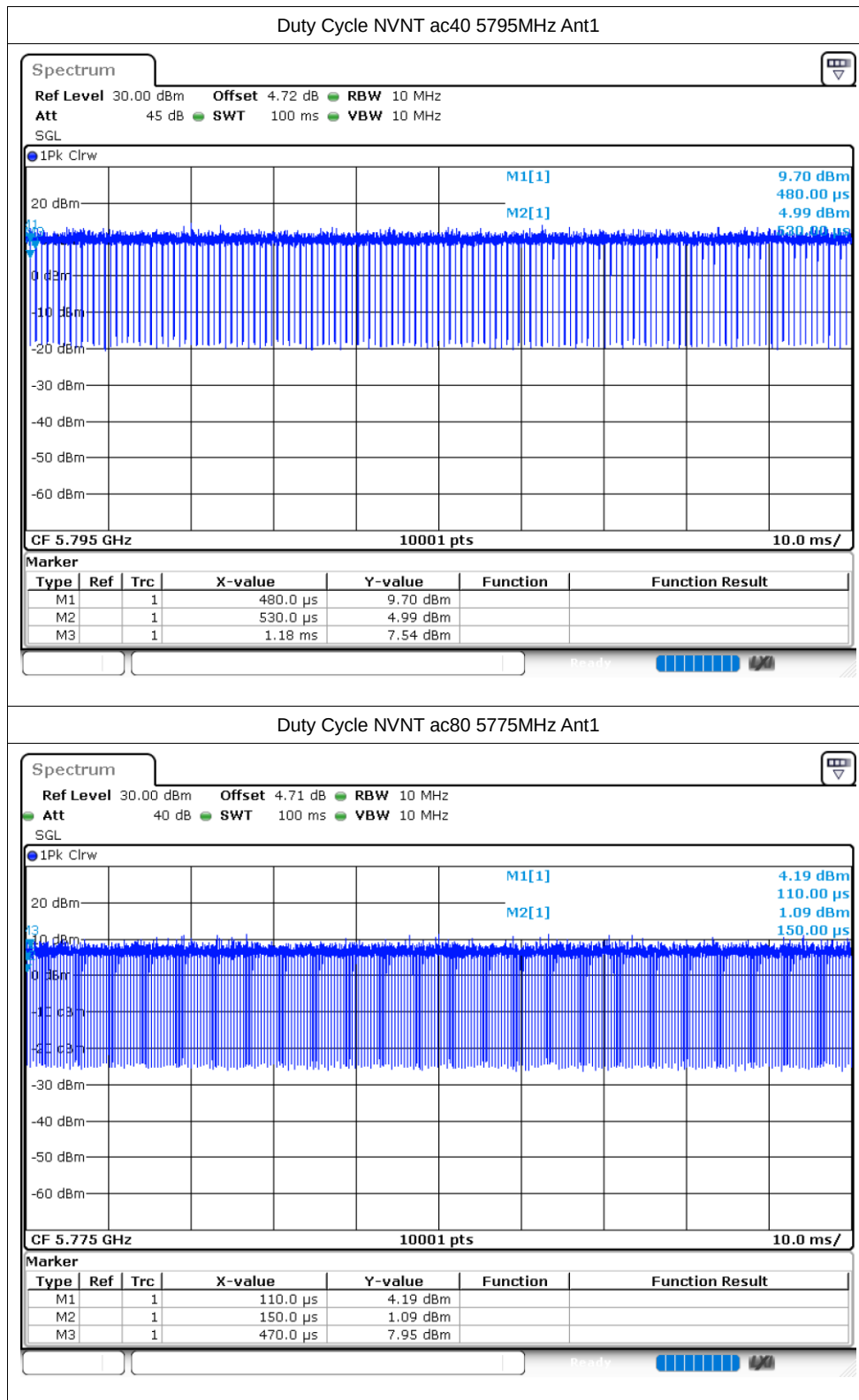












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.83	30	Pass
NVNT	a	5785	Ant1	9.42	30	Pass
NVNT	a	5825	Ant1	9.78	30	Pass
NVNT	n20	5745	Ant1	7.8	30	Pass
NVNT	n20	5785	Ant1	8.47	30	Pass
NVNT	n20	5825	Ant1	8.43	30	Pass
NVNT	n40	5755	Ant1	7.46	30	Pass
NVNT	n40	5795	Ant1	8.5	30	Pass
NVNT	ac20	5745	Ant1	7.8	30	Pass
NVNT	ac20	5785	Ant1	8.33	30	Pass
NVNT	ac20	5825	Ant1	8.53	30	Pass
NVNT	ac40	5755	Ant1	7.58	30	Pass
NVNT	ac40	5795	Ant1	8.4	30	Pass
NVNT	ac80	5775	Ant1	7.99	30	Pass

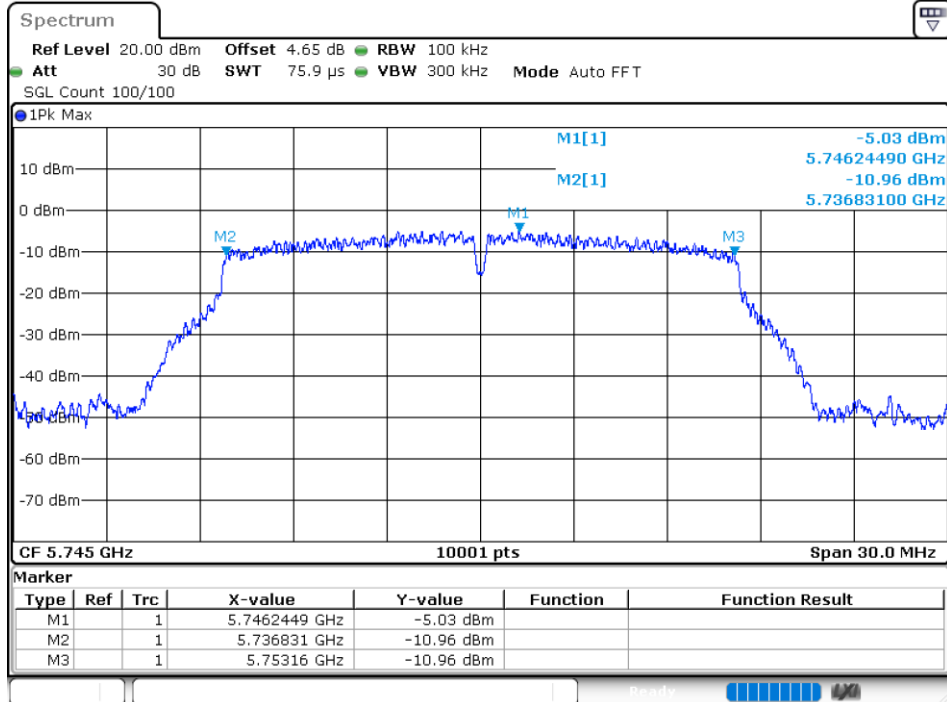
Note: The Duty Cycle factor has already been included.

-6dB Bandwidth

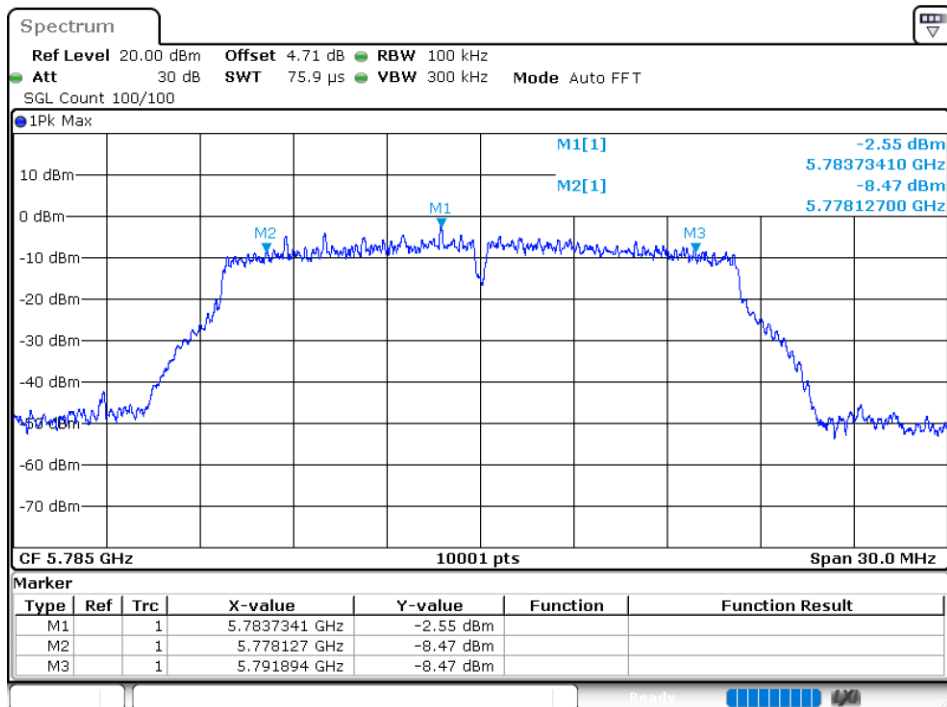
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.329	0.5	Pass
NVNT	a	5785	Ant1	13.767	0.5	Pass
NVNT	a	5825	Ant1	16.332	0.5	Pass
NVNT	n20	5745	Ant1	16.278	0.5	Pass
NVNT	n20	5785	Ant1	13.911	0.5	Pass
NVNT	n20	5825	Ant1	17.571	0.5	Pass
NVNT	n40	5755	Ant1	33.804	0.5	Pass
NVNT	n40	5795	Ant1	27.264	0.5	Pass
NVNT	ac20	5745	Ant1	13.788	0.5	Pass
NVNT	ac20	5785	Ant1	14.421	0.5	Pass
NVNT	ac20	5825	Ant1	13.41	0.5	Pass
NVNT	ac40	5755	Ant1	29.448	0.5	Pass
NVNT	ac40	5795	Ant1	35.088	0.5	Pass
NVNT	ac80	5775	Ant1	75.096	0.5	Pass

Test Graphs

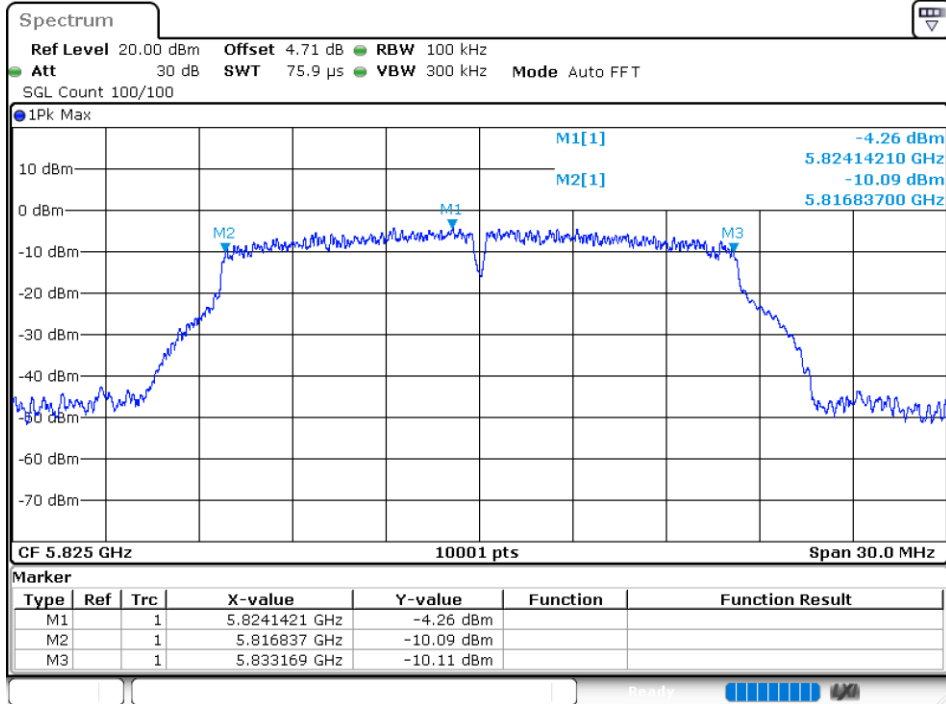
-6dB Bandwidth NVNT a 5745MHz Ant1



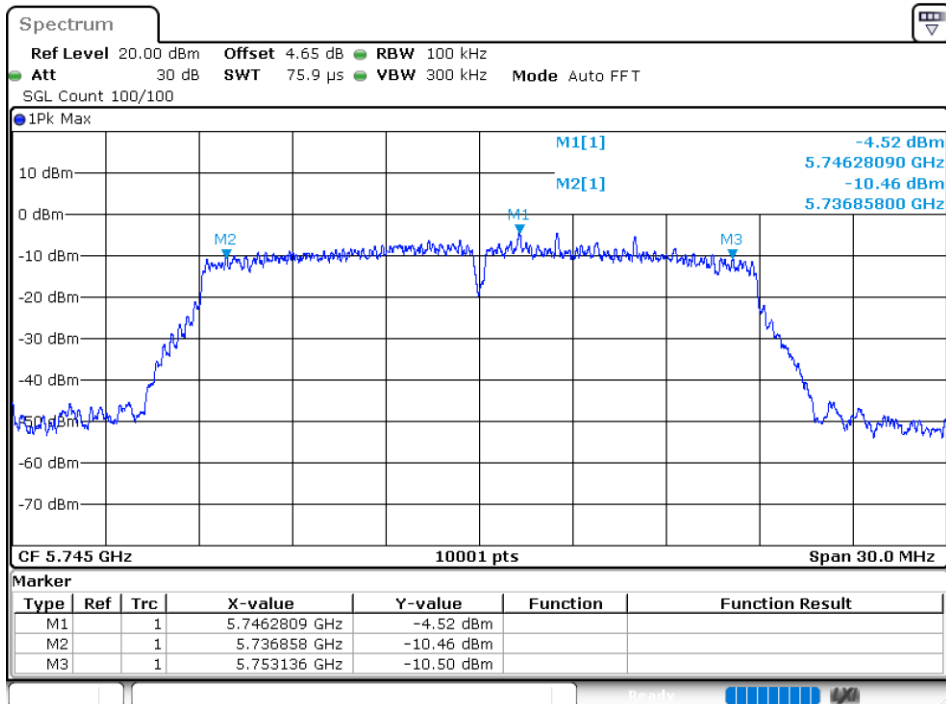
-6dB Bandwidth NVNT a 5785MHz Ant1



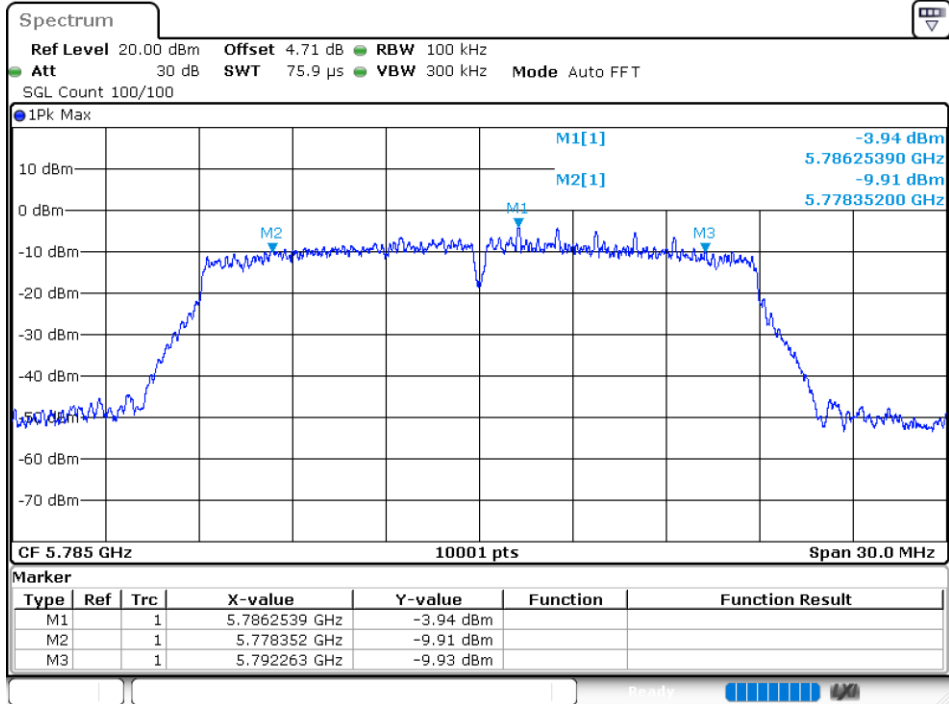
-6dB Bandwidth NVNT a 5825MHz Ant1



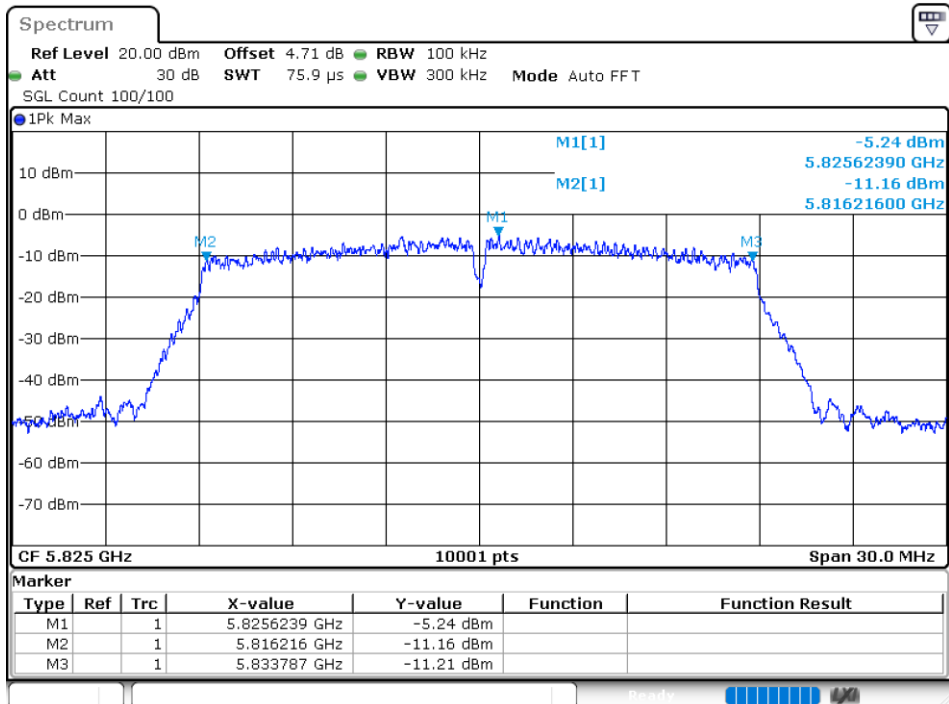
-6dB Bandwidth NVNT n20 5745MHz Ant1

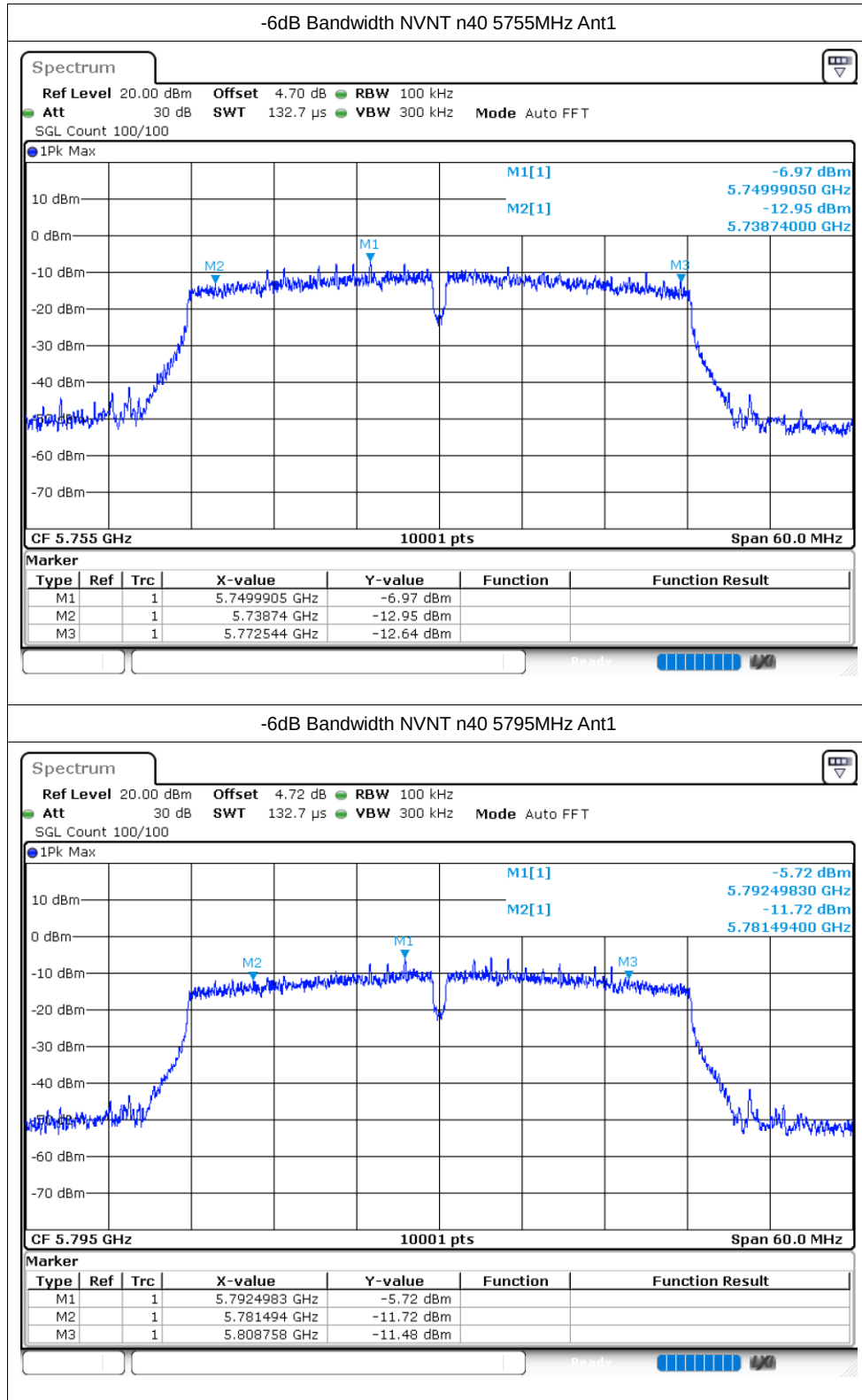


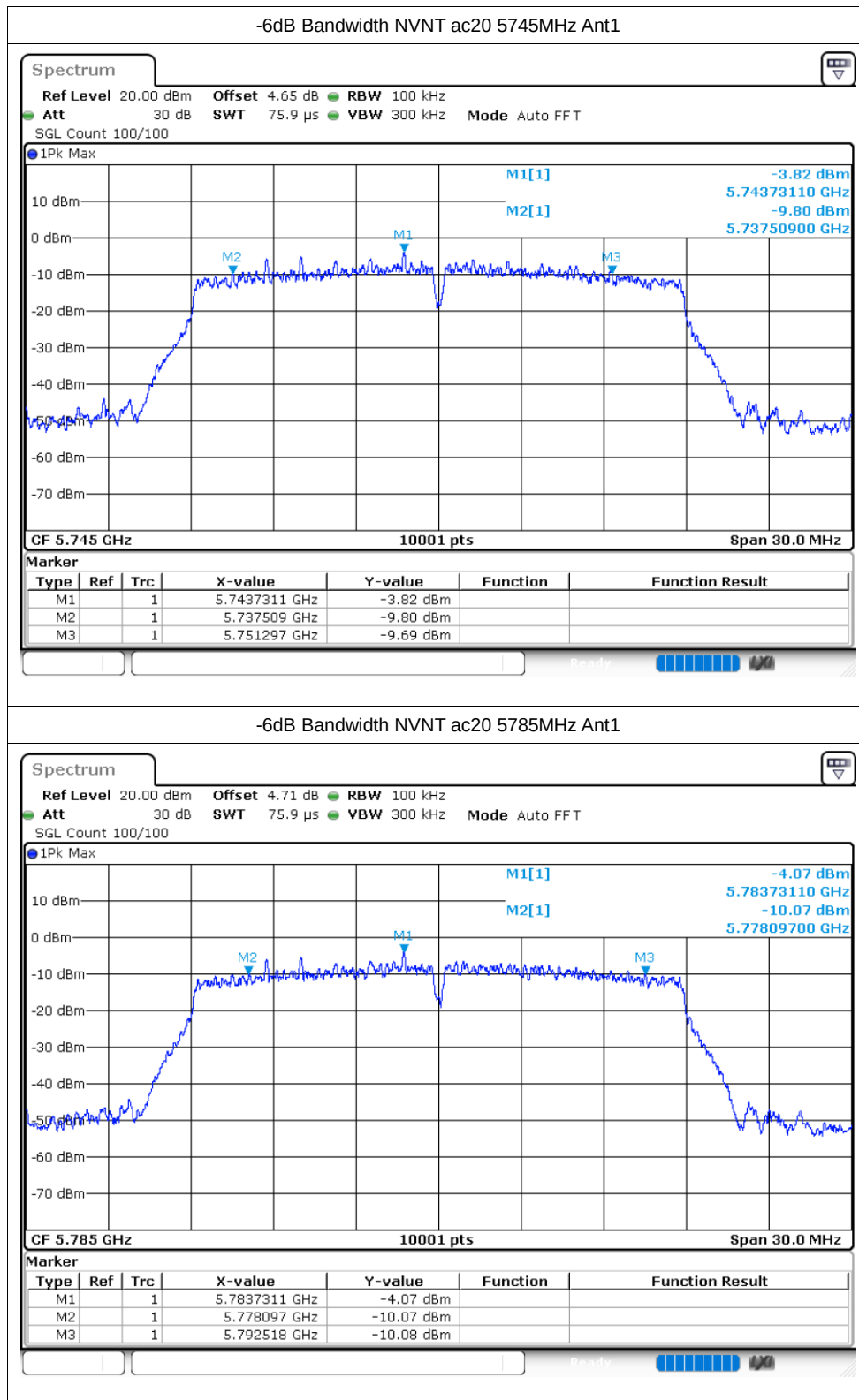
-6dB Bandwidth NVNT n20 5785MHz Ant1

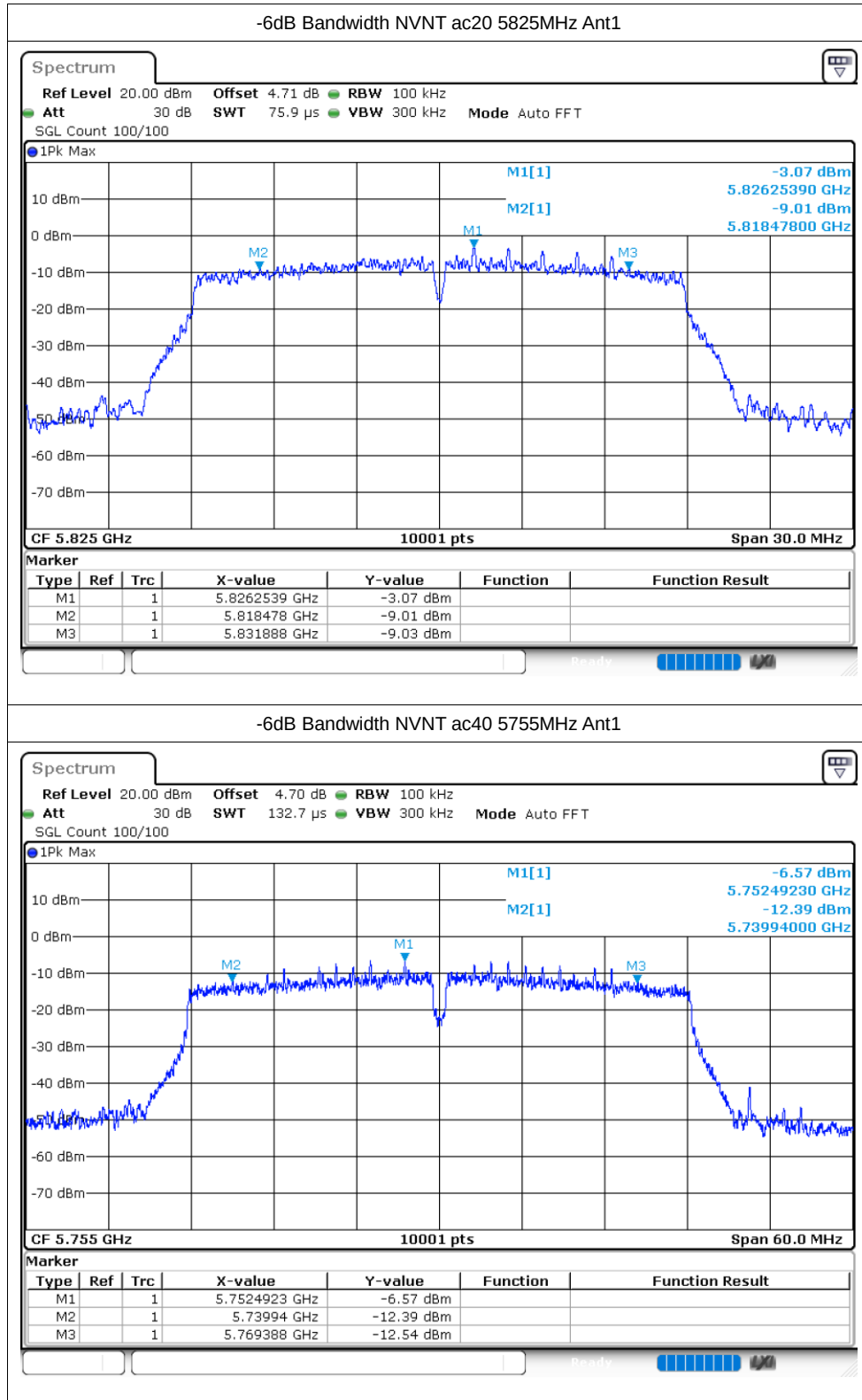


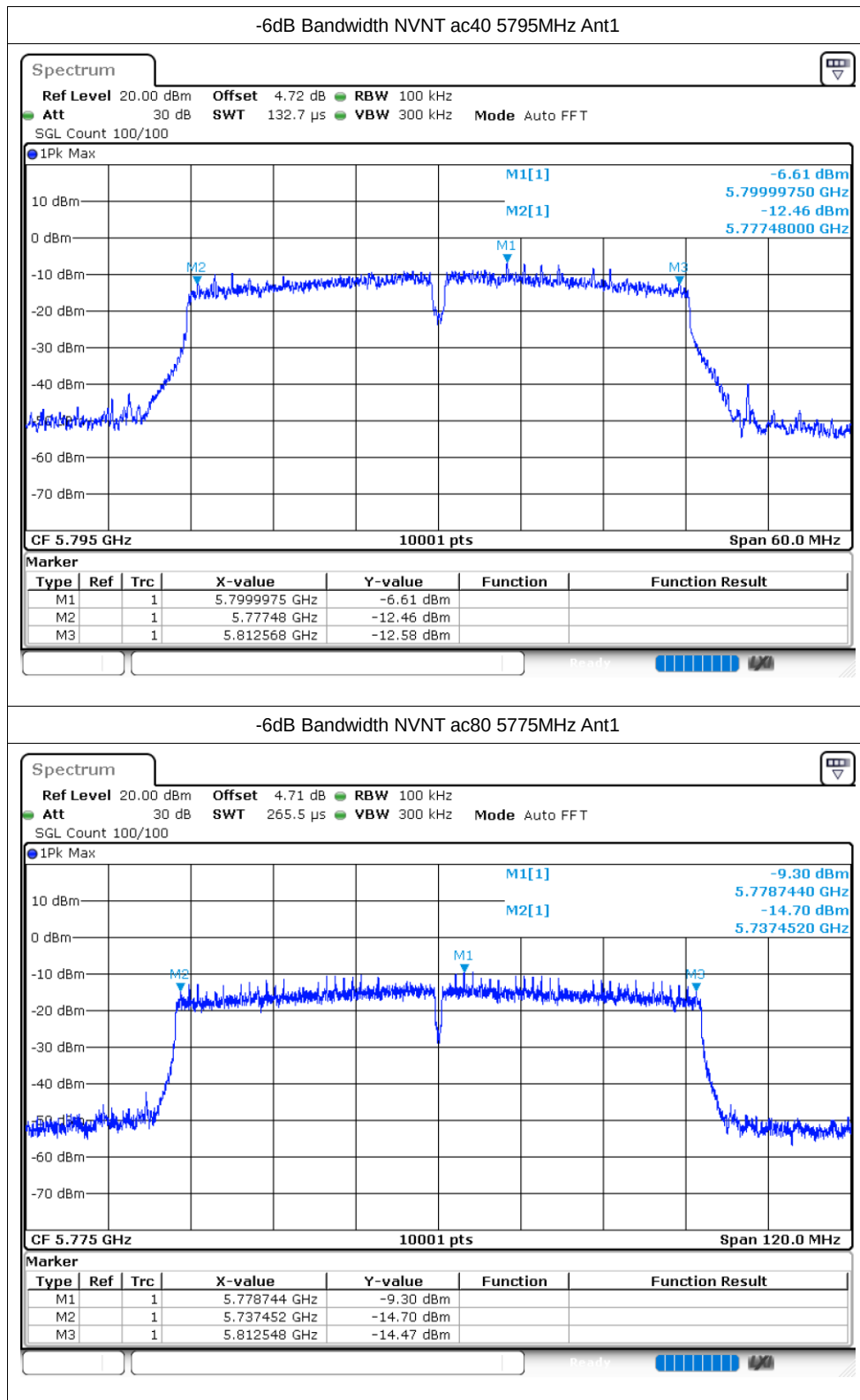
-6dB Bandwidth NVNT n20 5825MHz Ant1









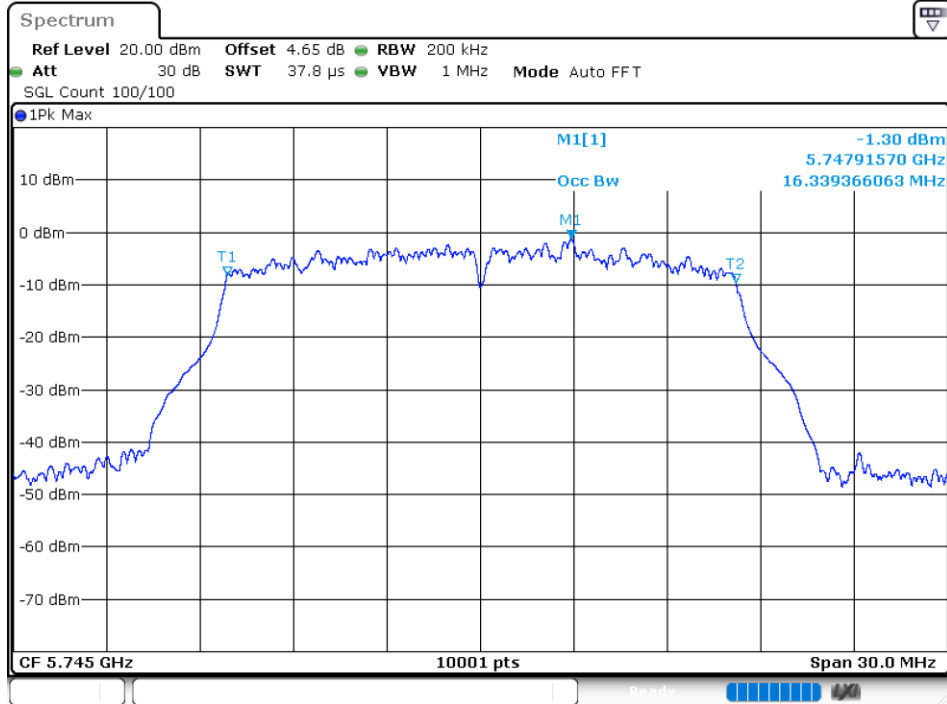


Occupied Channel Bandwidth

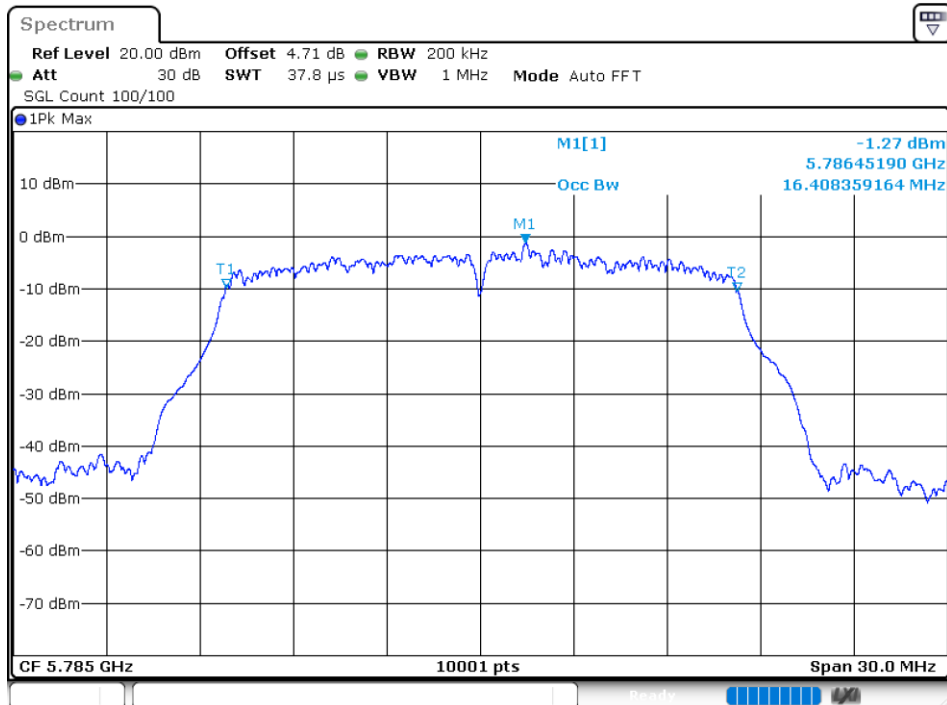
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.339
NVNT	a	5785	Ant1	16.408
NVNT	a	5825	Ant1	16.366
NVNT	n20	5745	Ant1	17.488
NVNT	n20	5785	Ant1	17.62
NVNT	n20	5825	Ant1	17.506
NVNT	n40	5755	Ant1	36.02
NVNT	n40	5795	Ant1	36.002
NVNT	ac20	5745	Ant1	17.521
NVNT	ac20	5785	Ant1	17.539
NVNT	ac20	5825	Ant1	17.53
NVNT	ac40	5755	Ant1	36.062
NVNT	ac40	5795	Ant1	35.978
NVNT	ac80	5775	Ant1	75.268

Test Graphs

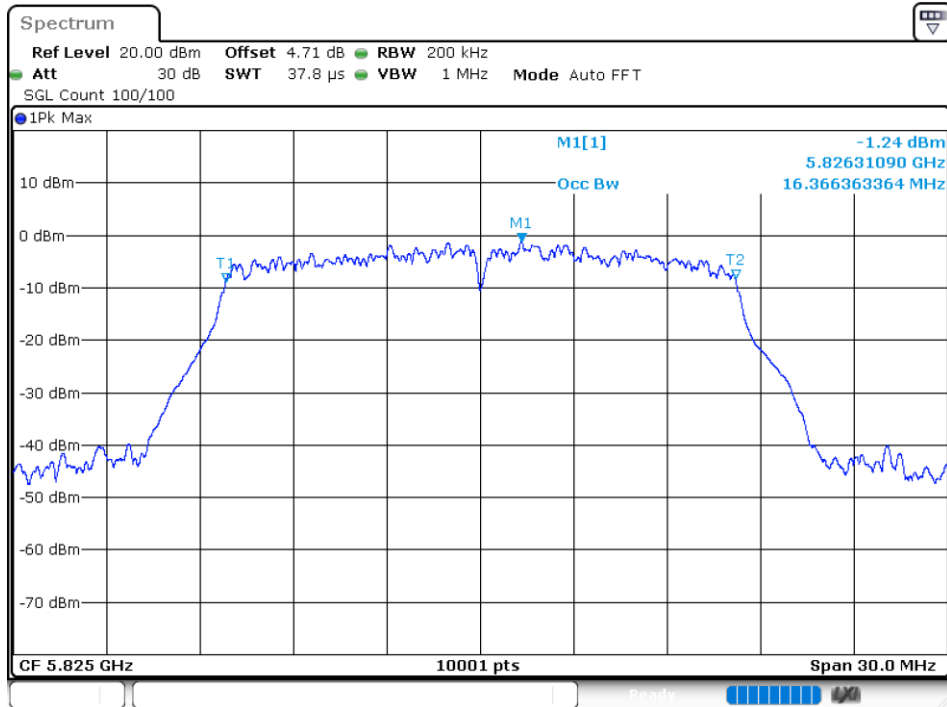
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1

