

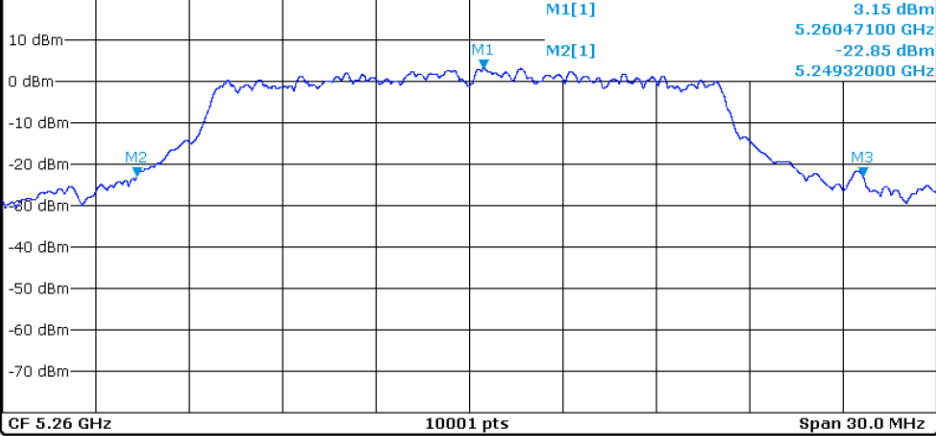
Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 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

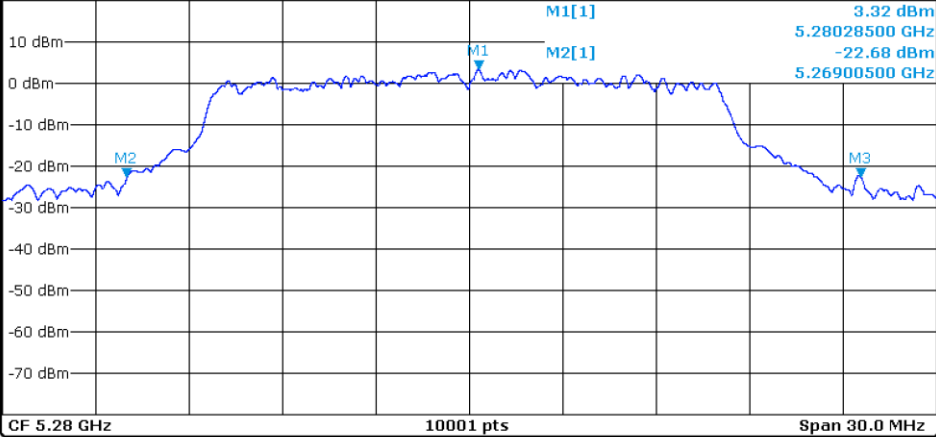
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.260471 GHz	3.15 dBm		
M2		1	5.24932 GHz	-22.85 dBm		
M3		1	5.272627 GHz	-22.83 dBm		

-26dB Bandwidth NVNT a 5280MHz Ant1

Spectrum

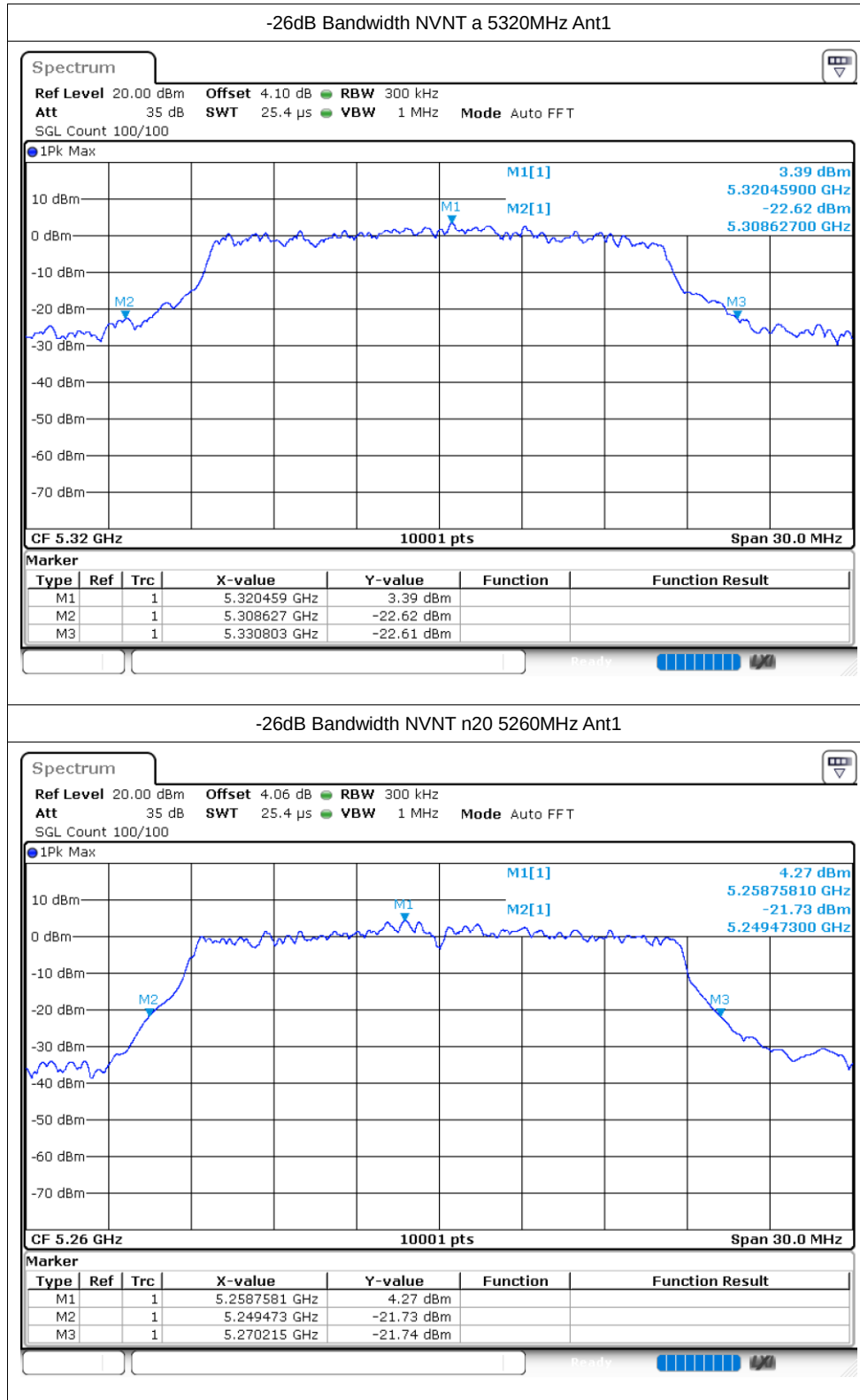
Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
 Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

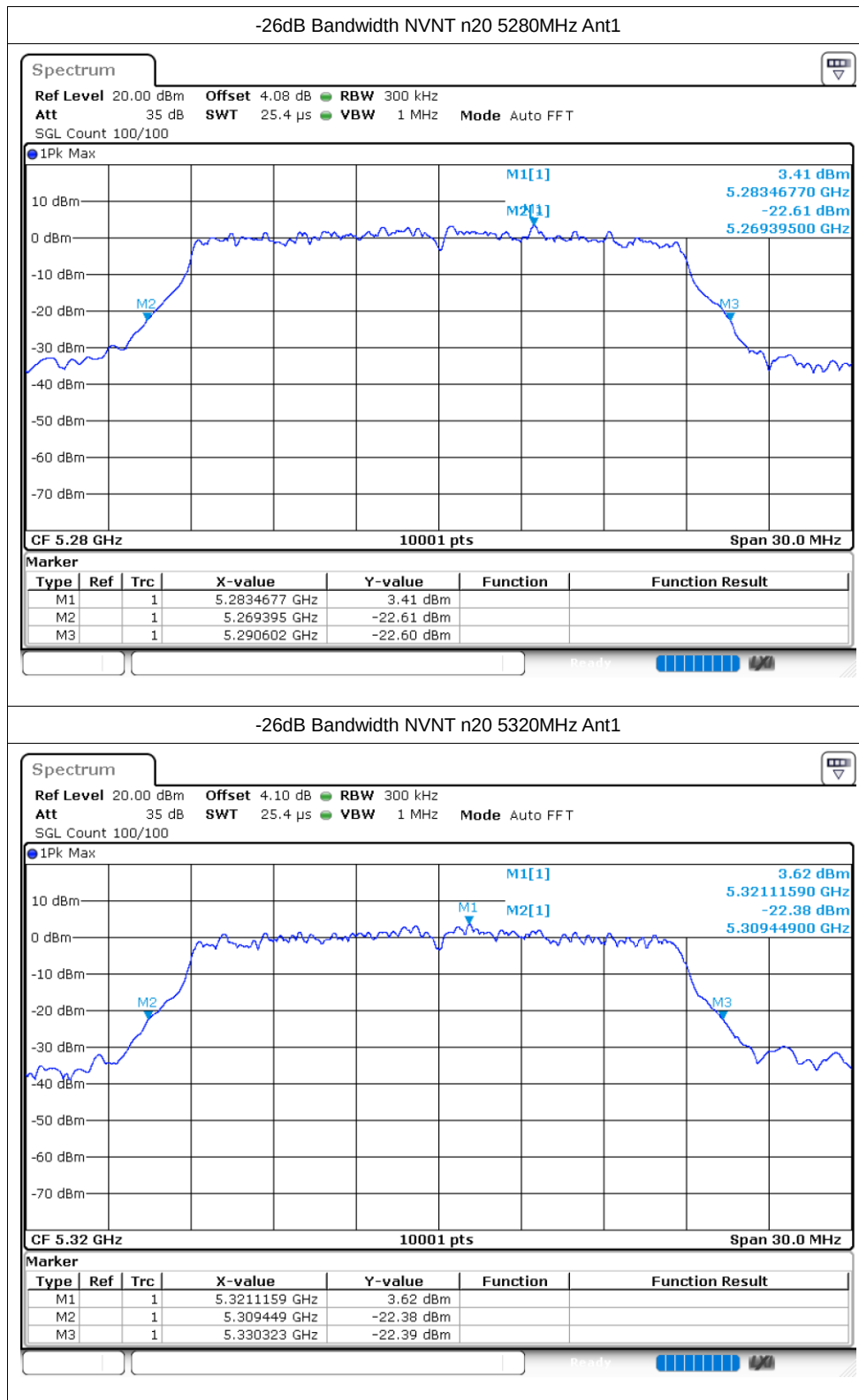
1Pk Max

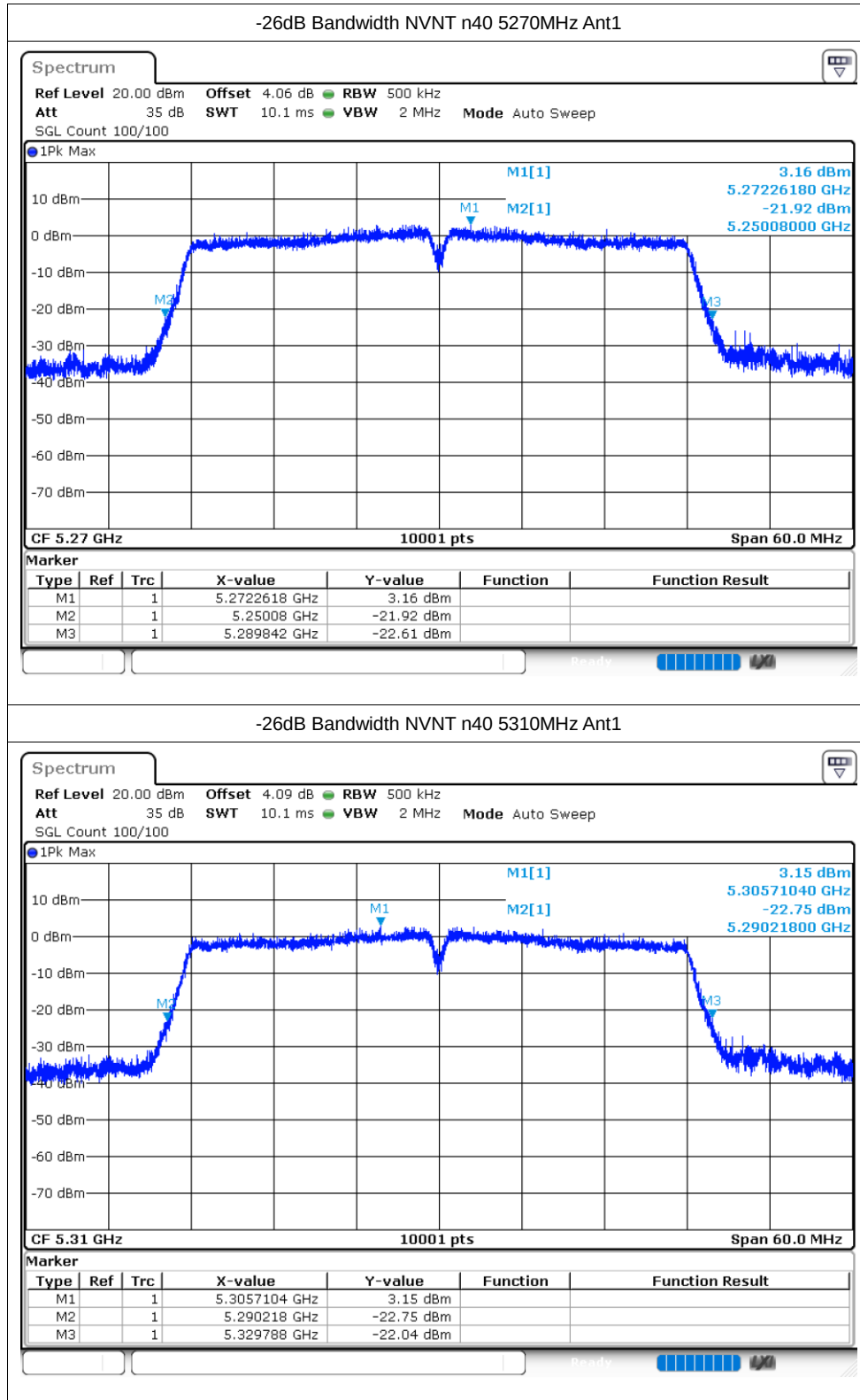


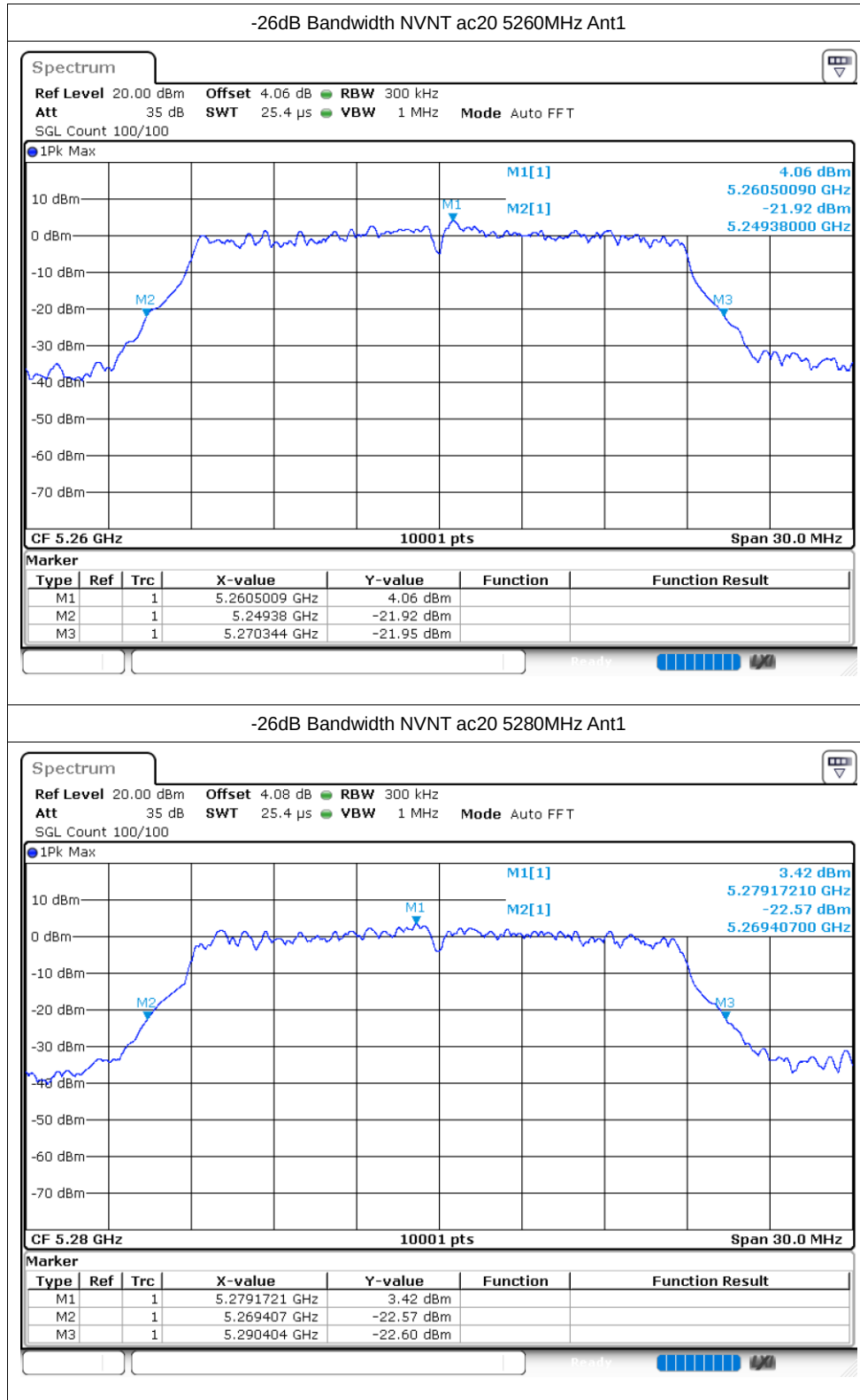
Marker

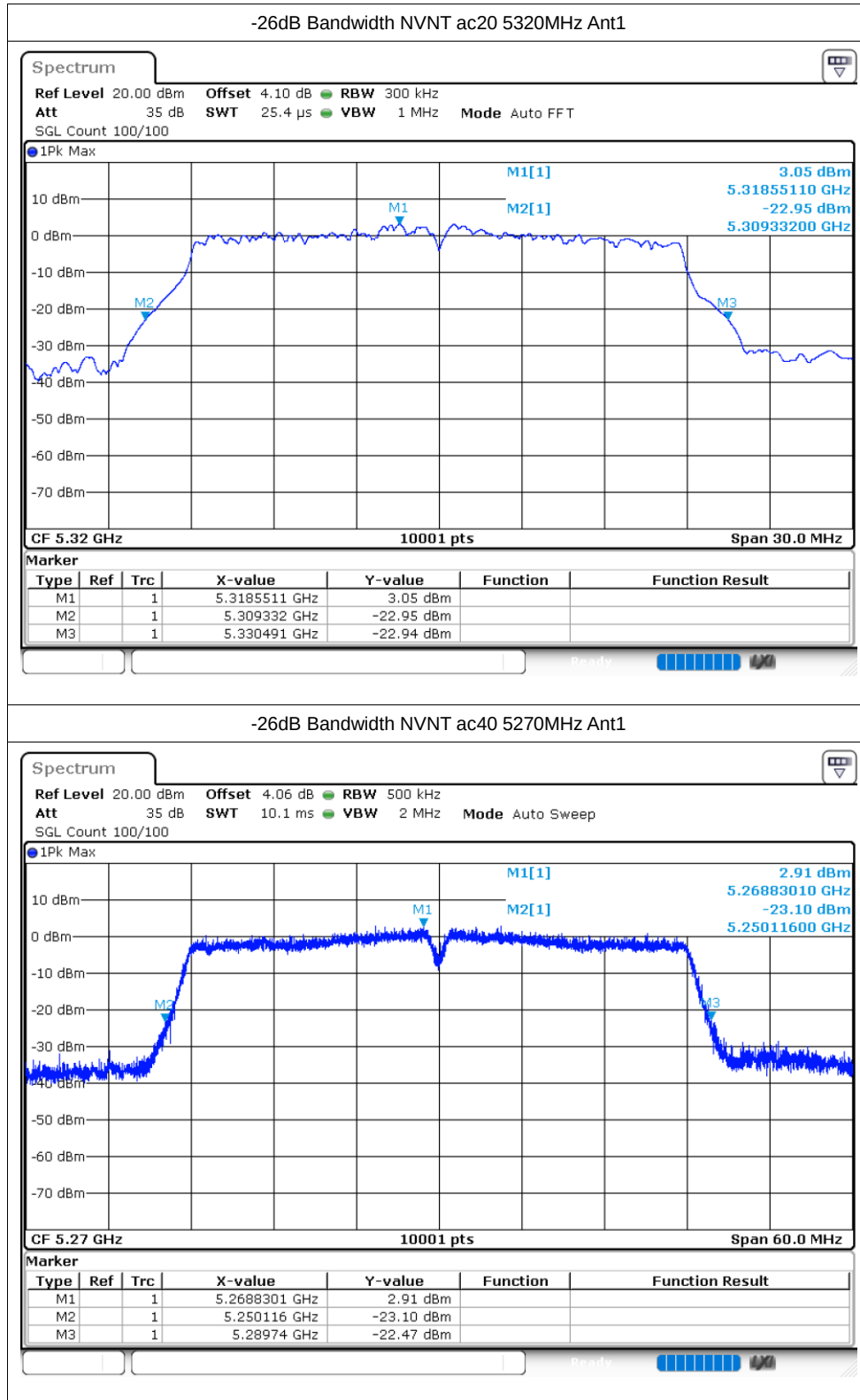
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.280285 GHz	3.32 dBm		
M2		1	5.269005 GHz	-22.68 dBm		
M3		1	5.292567 GHz	-22.67 dBm		

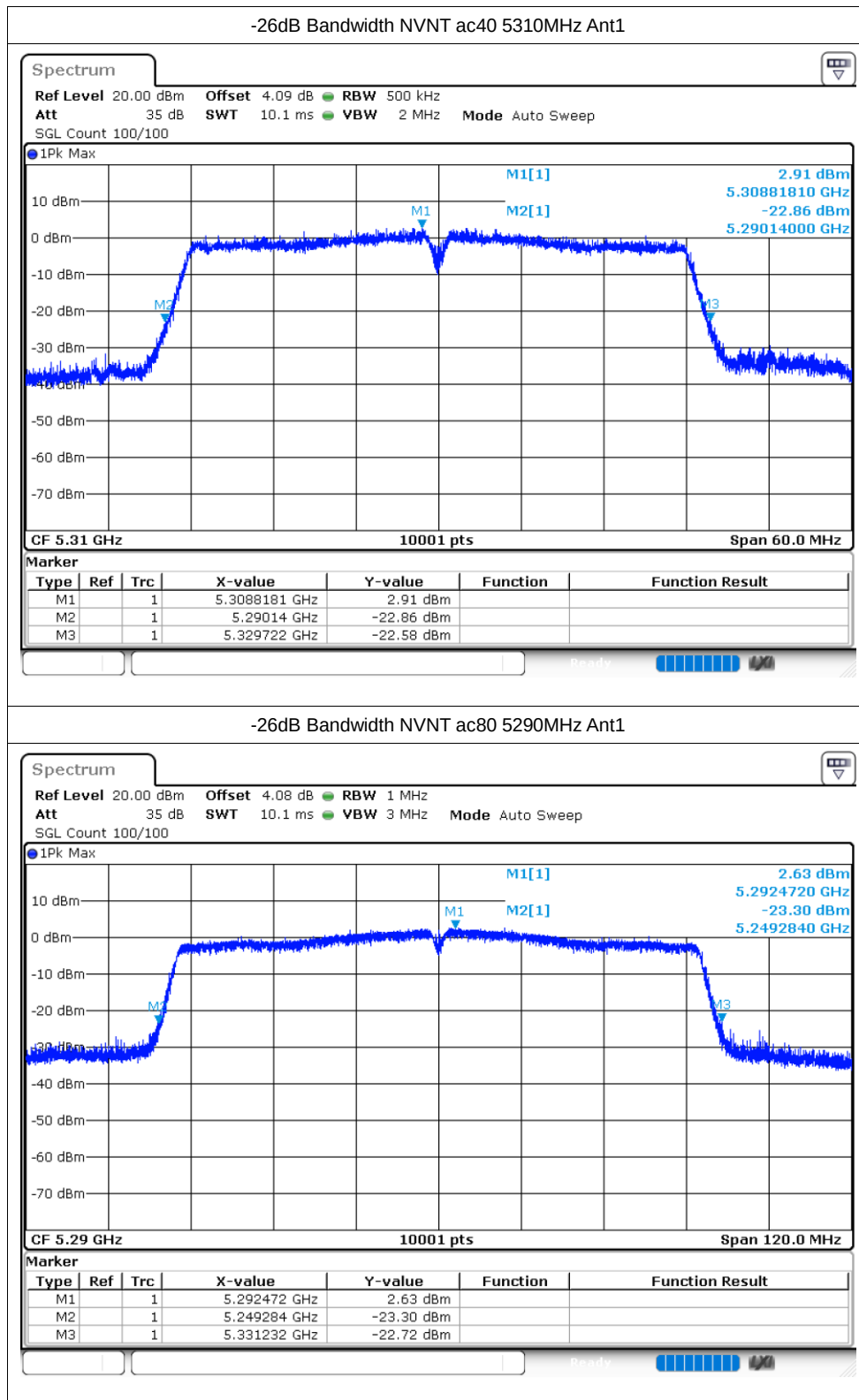










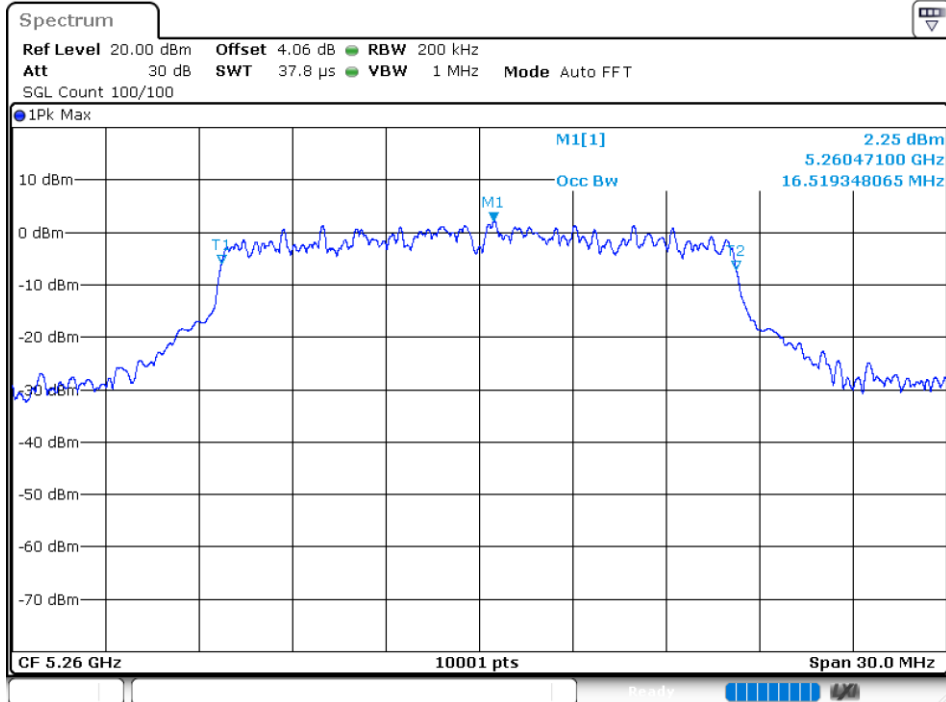


Occupied Channel Bandwidth

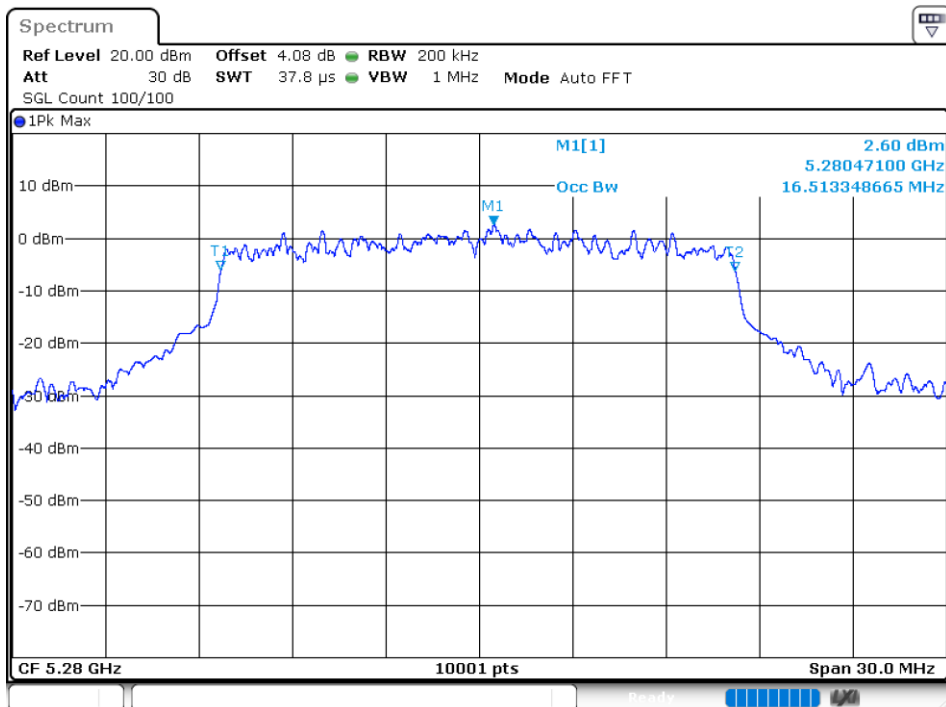
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.519
NVNT	a	5280	Ant1	16.513
NVNT	a	5320	Ant1	16.48
NVNT	n20	5260	Ant1	17.644
NVNT	n20	5280	Ant1	17.74
NVNT	n20	5320	Ant1	17.587
NVNT	n40	5270	Ant1	36.2
NVNT	n40	5310	Ant1	36.176
NVNT	ac20	5260	Ant1	17.713
NVNT	ac20	5280	Ant1	17.689
NVNT	ac20	5320	Ant1	17.644
NVNT	ac40	5270	Ant1	36.206
NVNT	ac40	5310	Ant1	36.212
NVNT	ac80	5290	Ant1	75.376

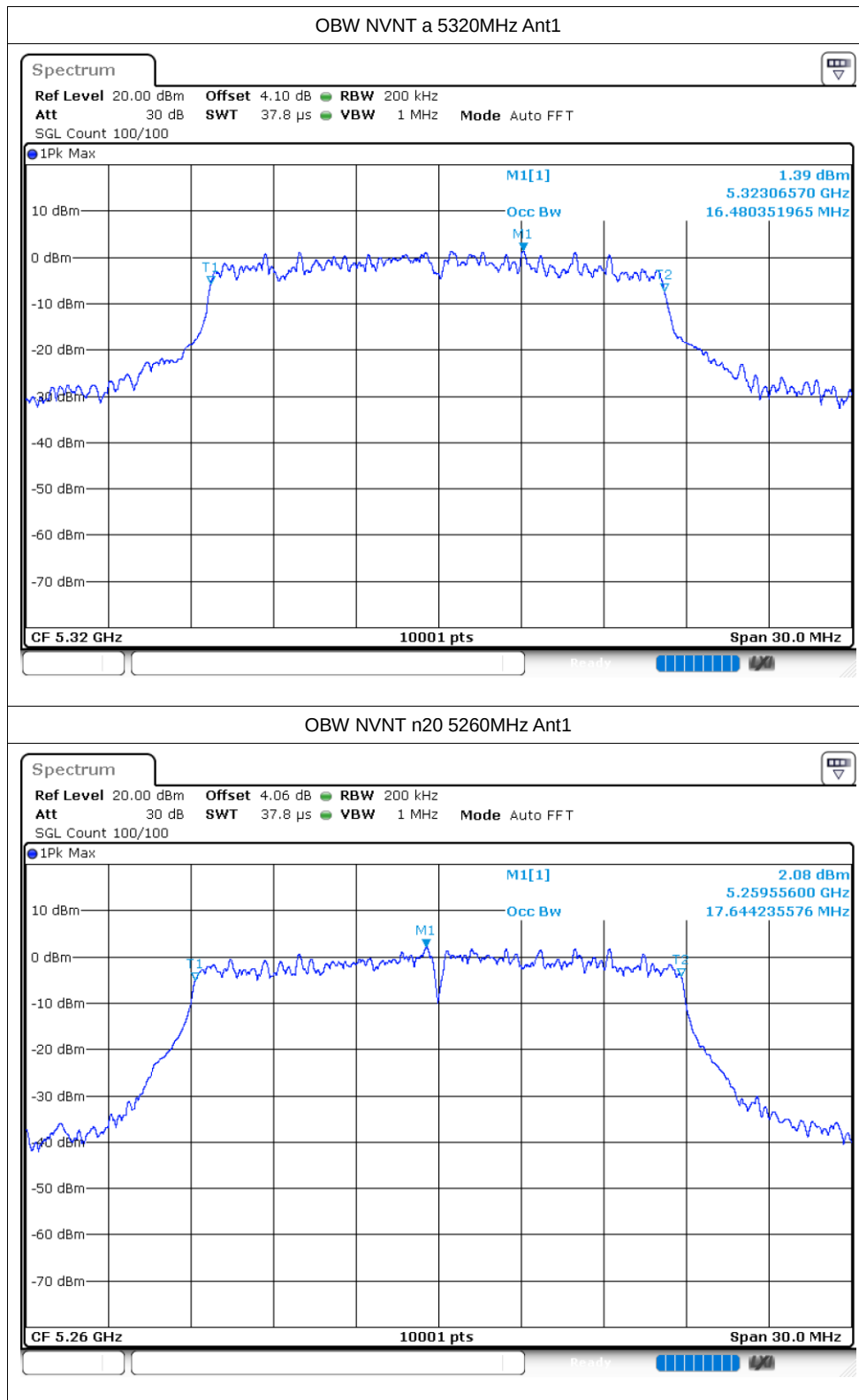
Test Graphs

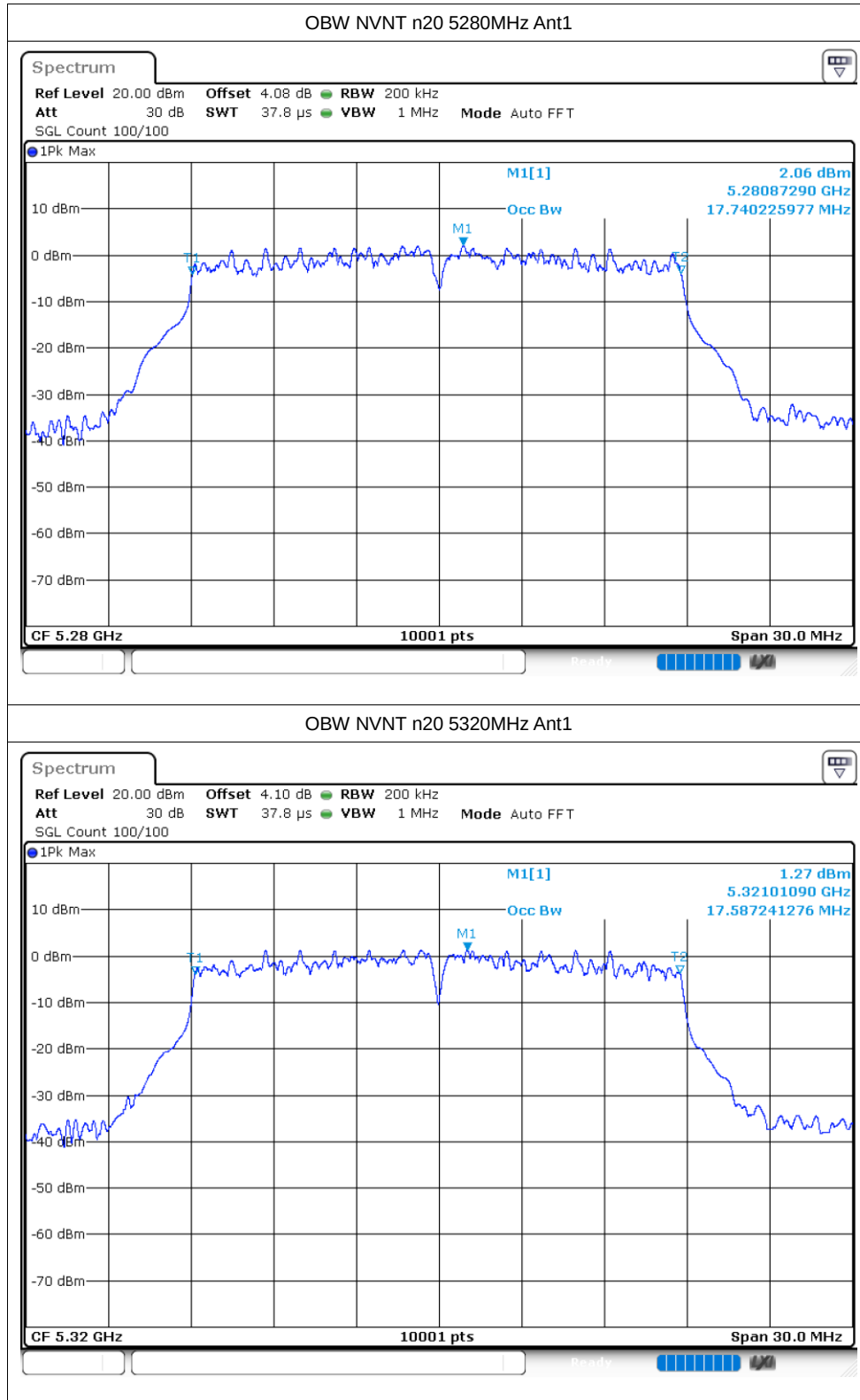
OBW NVNT a 5260MHz Ant1

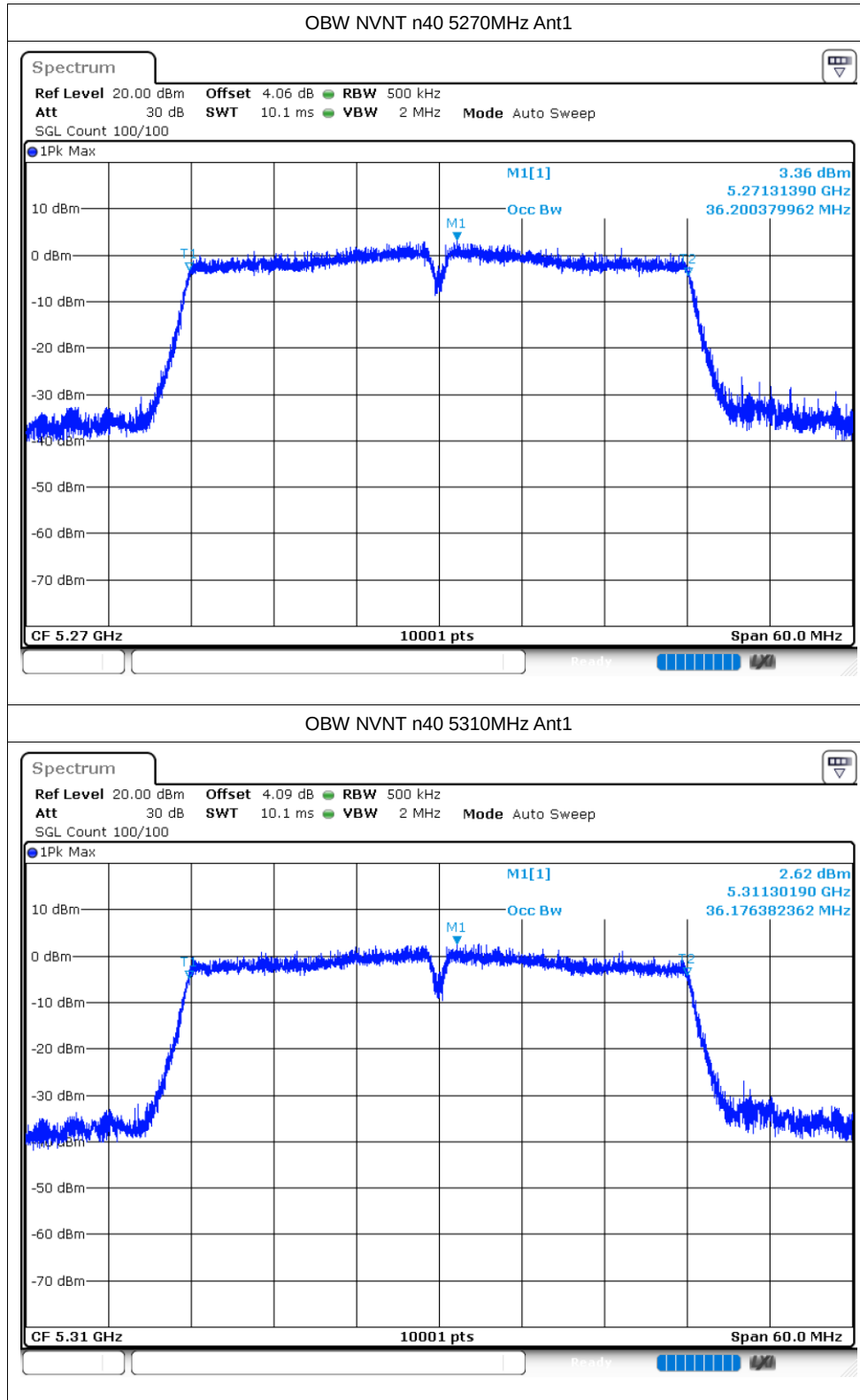


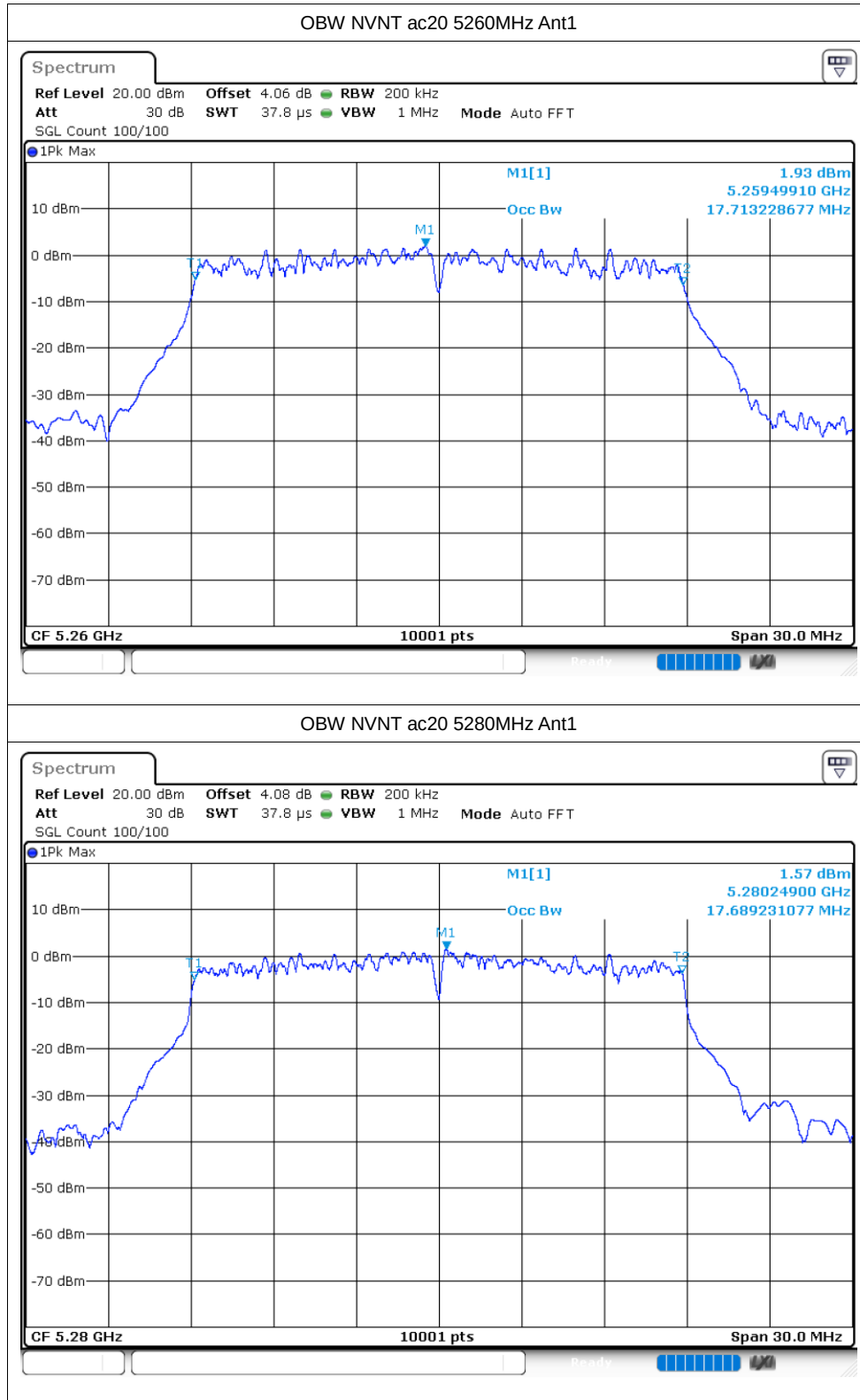
OBW NVNT a 5280MHz Ant1

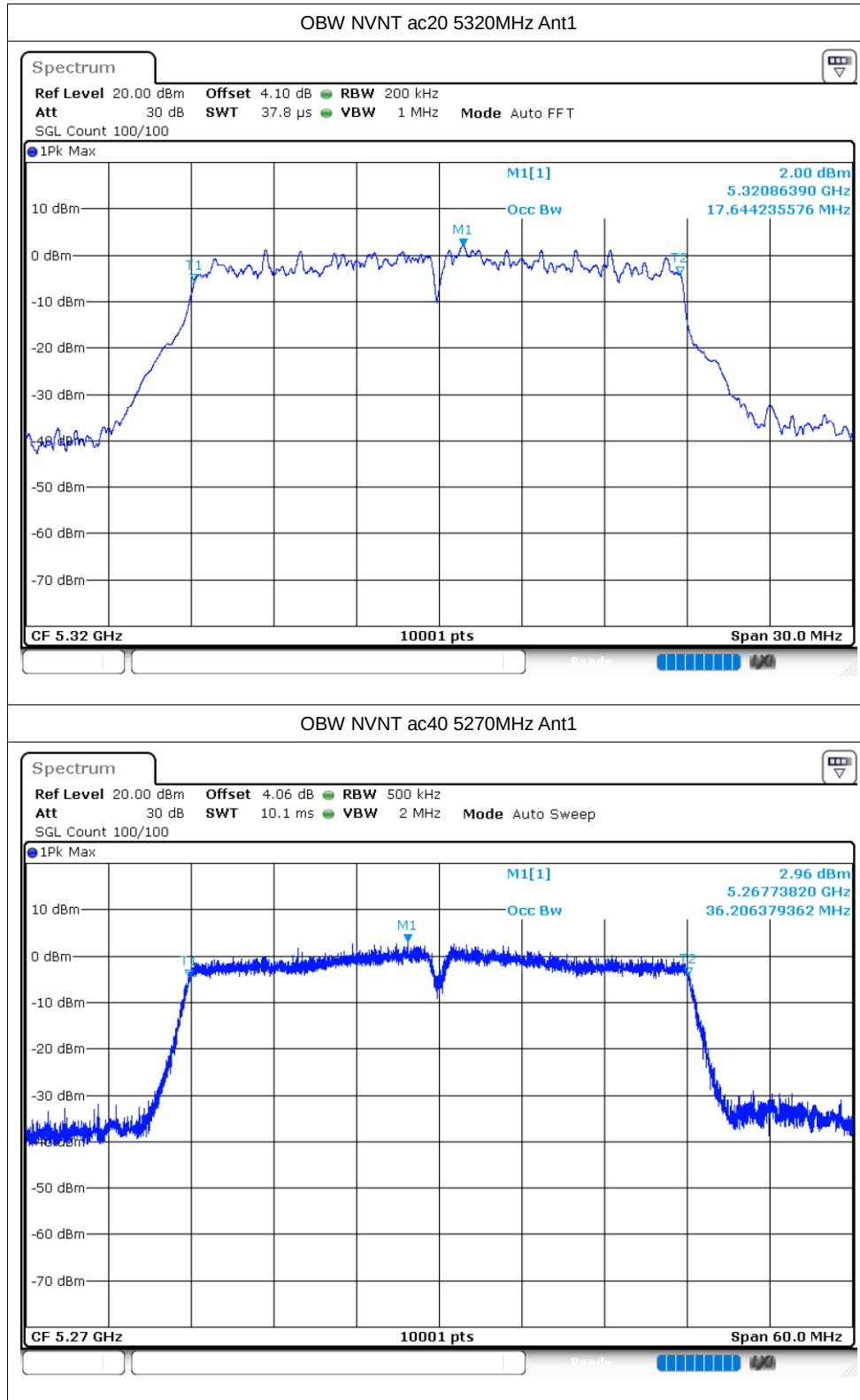


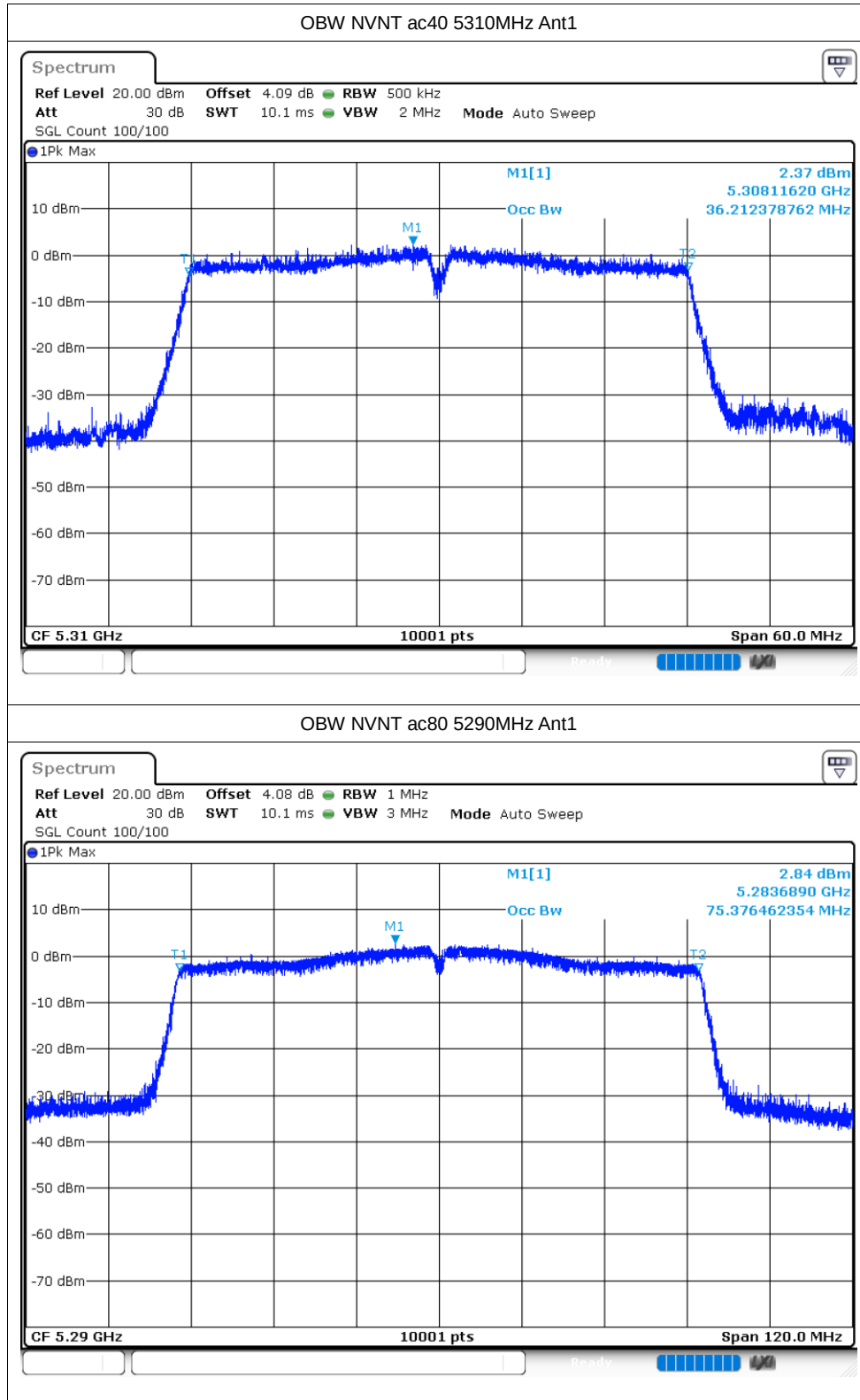










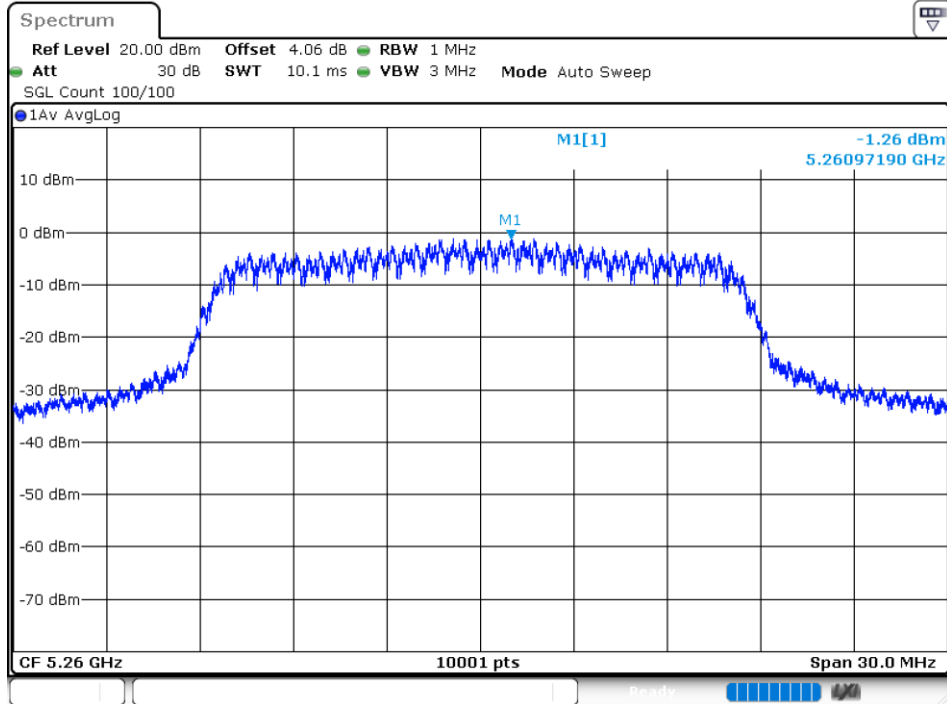


Maximum Power Spectral Density Level

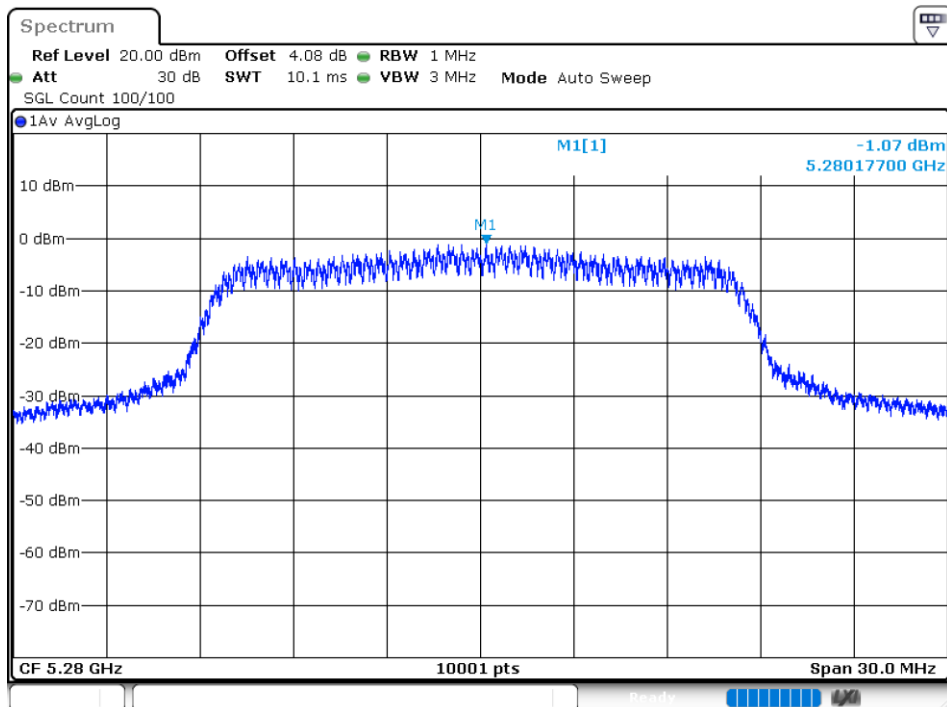
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-1.26	0.18	-1.08	10.16	Pass
NVNT	a	5280	Ant1	-1.07	0.18	-0.89	10.16	Pass
NVNT	a	5320	Ant1	-0.99	0.18	-0.81	10.16	Pass
NVNT	n20	5260	Ant1	-5.83	0.91	-4.92	10.16	Pass
NVNT	n20	5280	Ant1	-6.51	0.91	-5.6	10.16	Pass
NVNT	n20	5320	Ant1	-7.82	0.91	-6.91	10.16	Pass
NVNT	n40	5270	Ant1	-22.95	2.21	-20.74	10.16	Pass
NVNT	n40	5310	Ant1	-21.16	2.21	-18.95	10.16	Pass
NVNT	ac20	5260	Ant1	-13.57	1.57	-12	10.16	Pass
NVNT	ac20	5280	Ant1	-11.8	1.57	-10.23	10.16	Pass
NVNT	ac20	5320	Ant1	-12.15	1.58	-10.57	10.16	Pass
NVNT	ac40	5270	Ant1	-24.13	2.43	-21.7	10.16	Pass
NVNT	ac40	5310	Ant1	-21.42	2.43	-18.99	10.16	Pass
NVNT	ac80	5290	Ant1	-10.28	0.77	-9.51	10.16	Pass

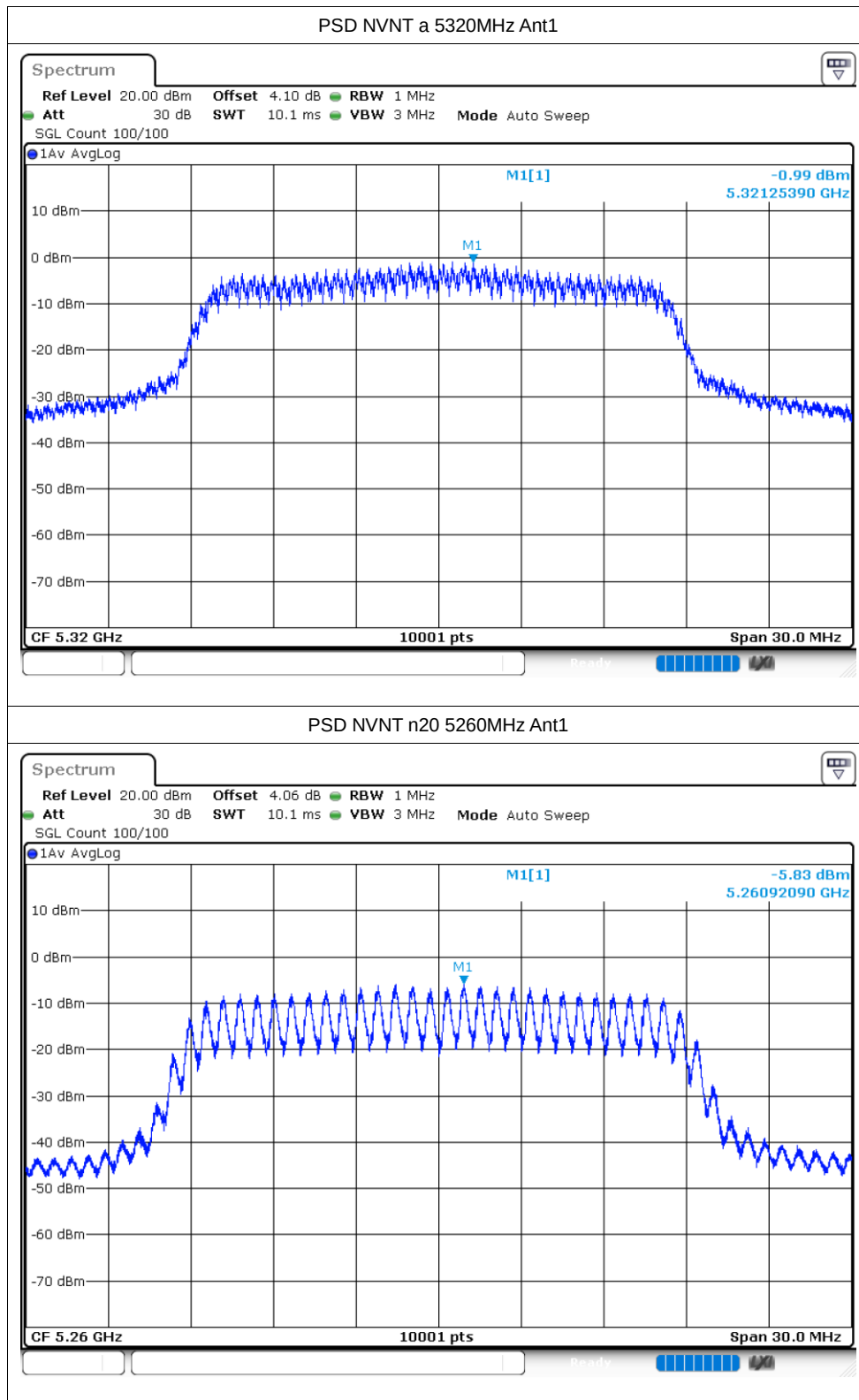
Test Graphs

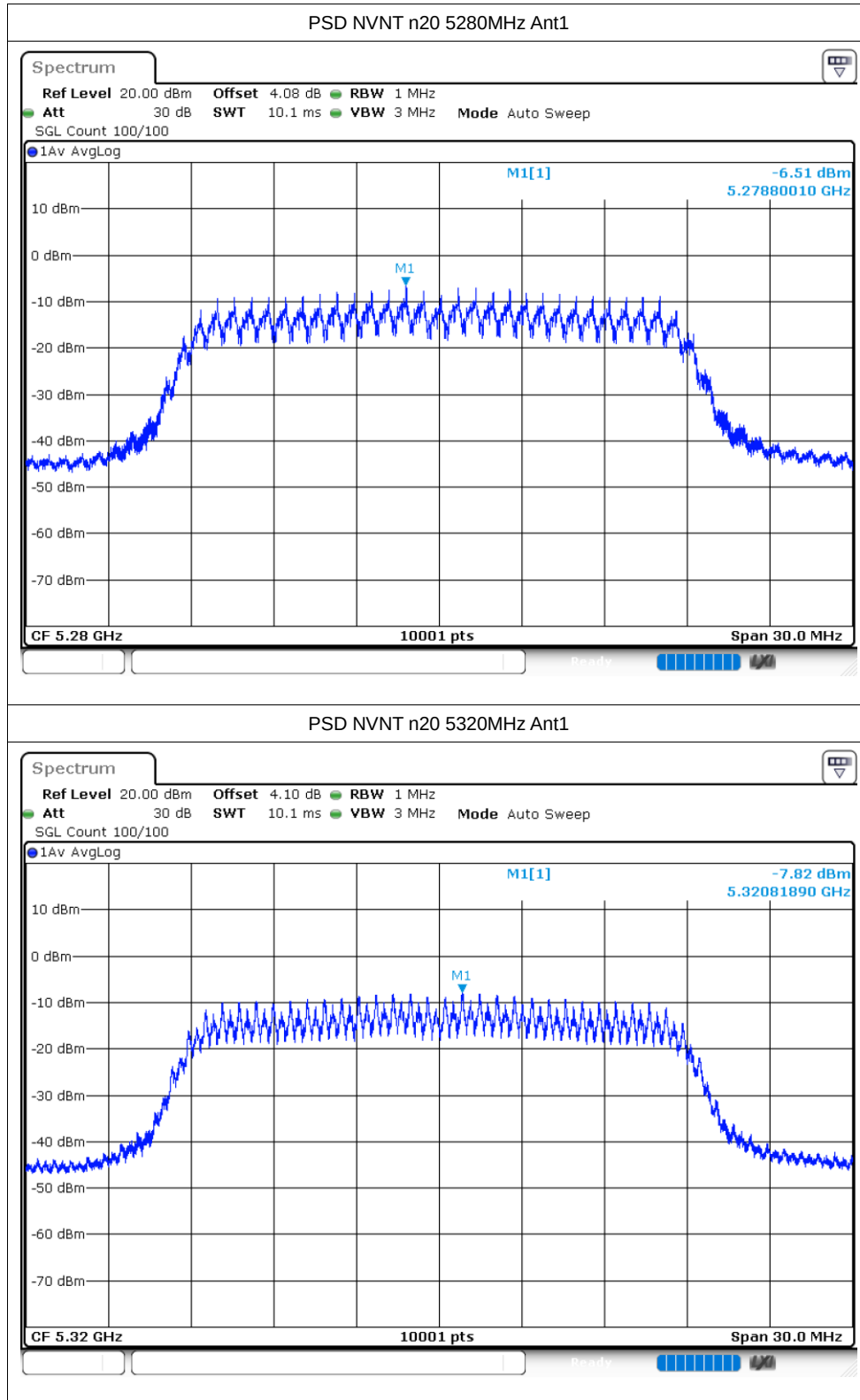
PSD NVNT a 5260MHz Ant1

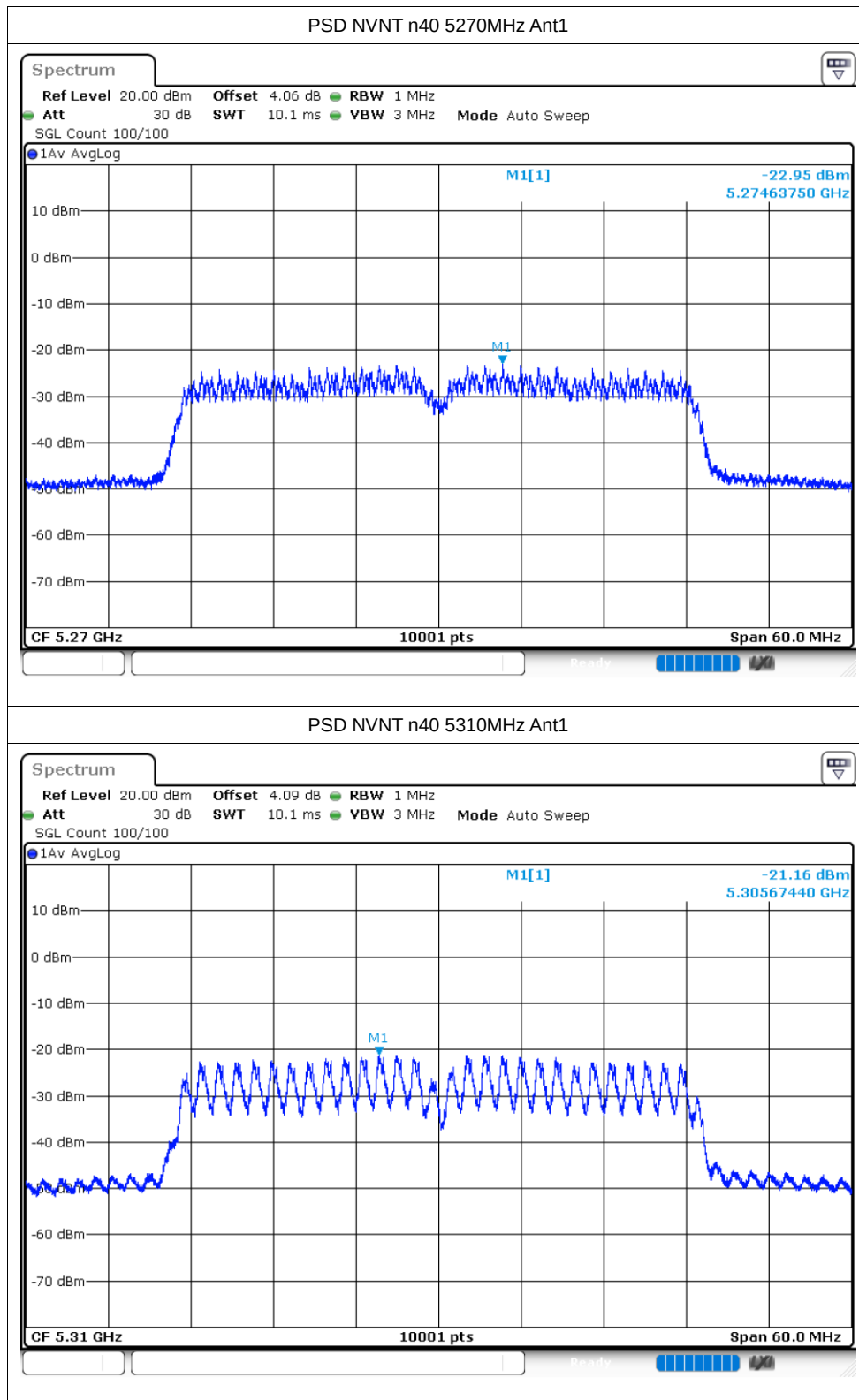


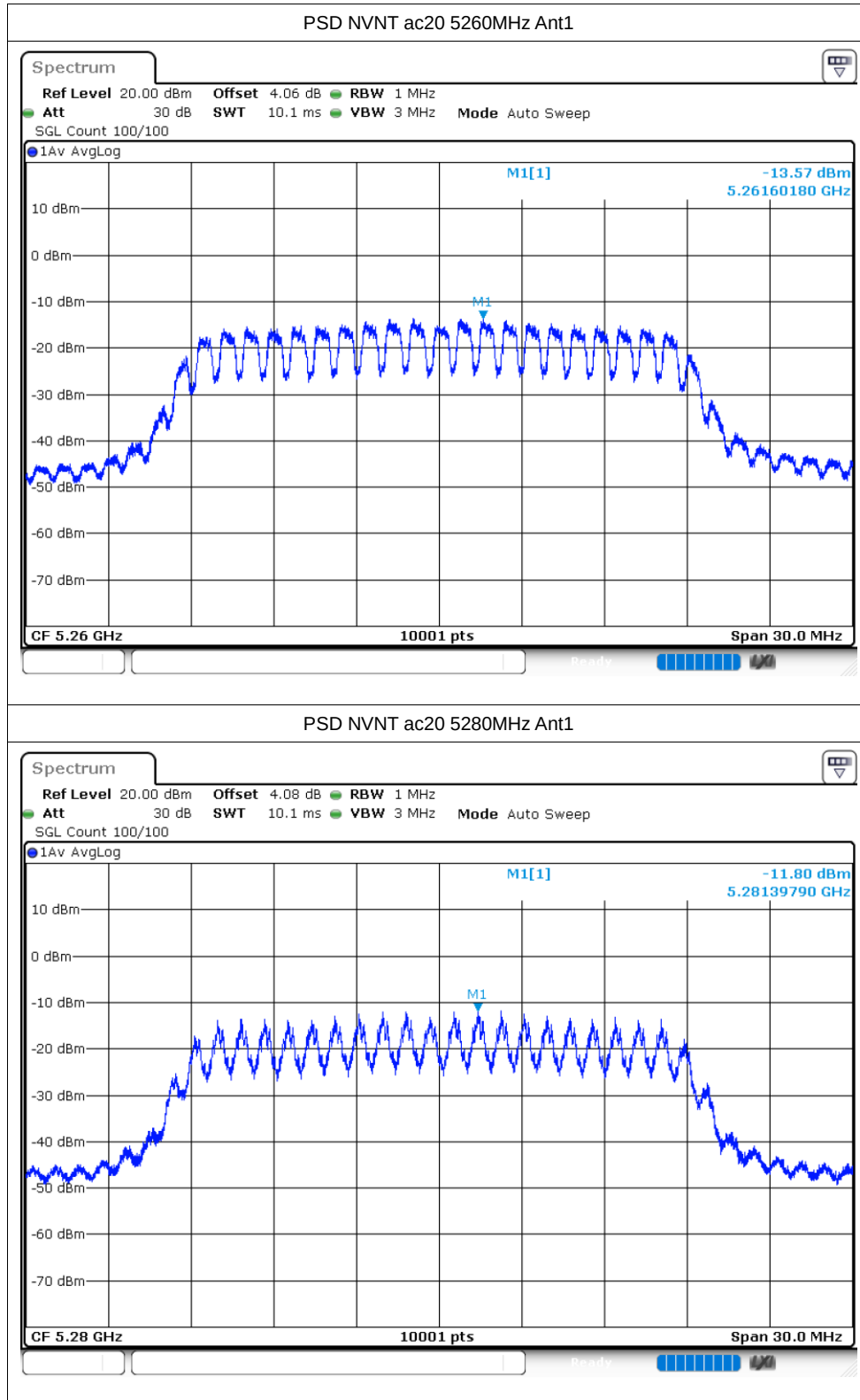
PSD NVNT a 5280MHz Ant1

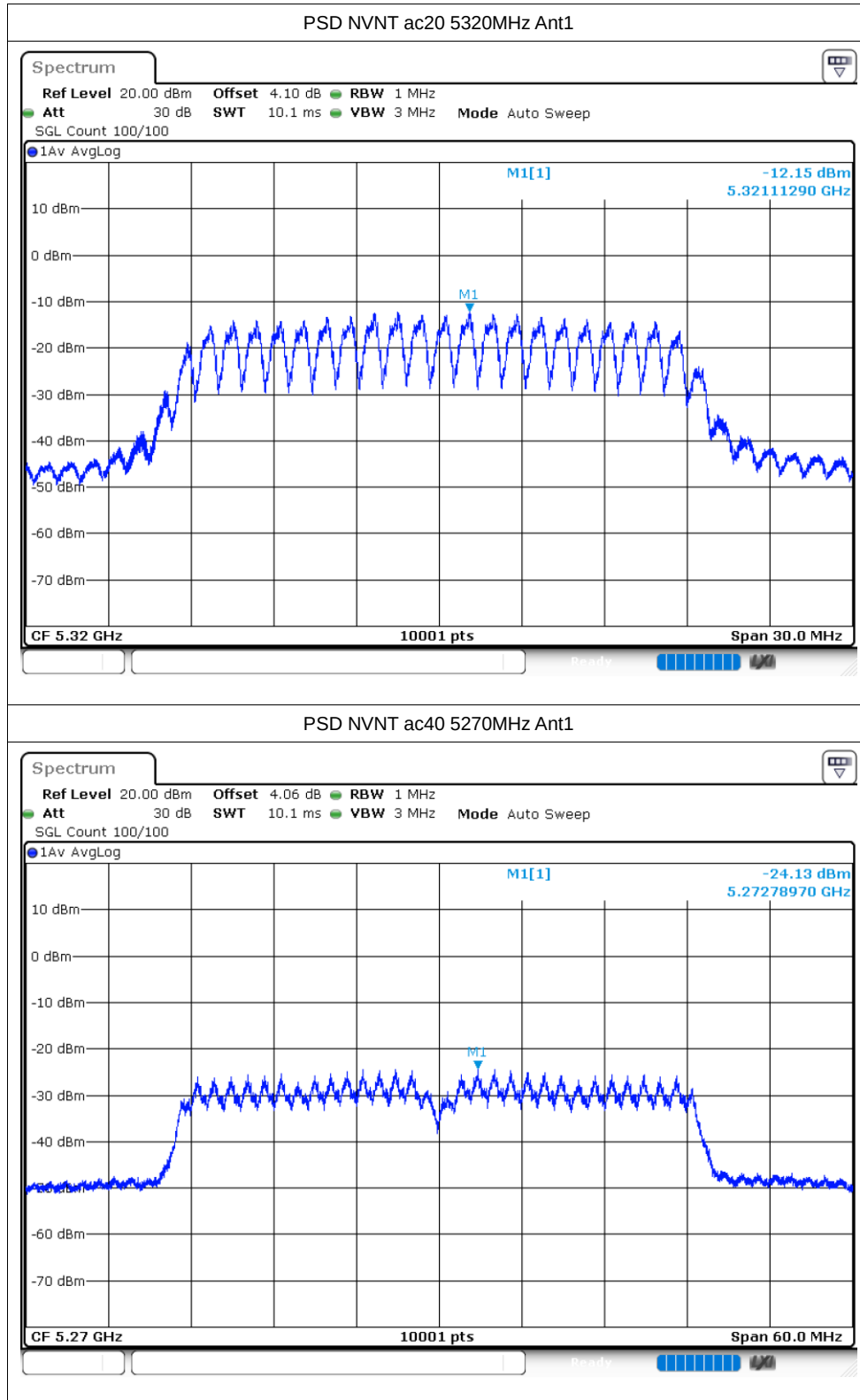


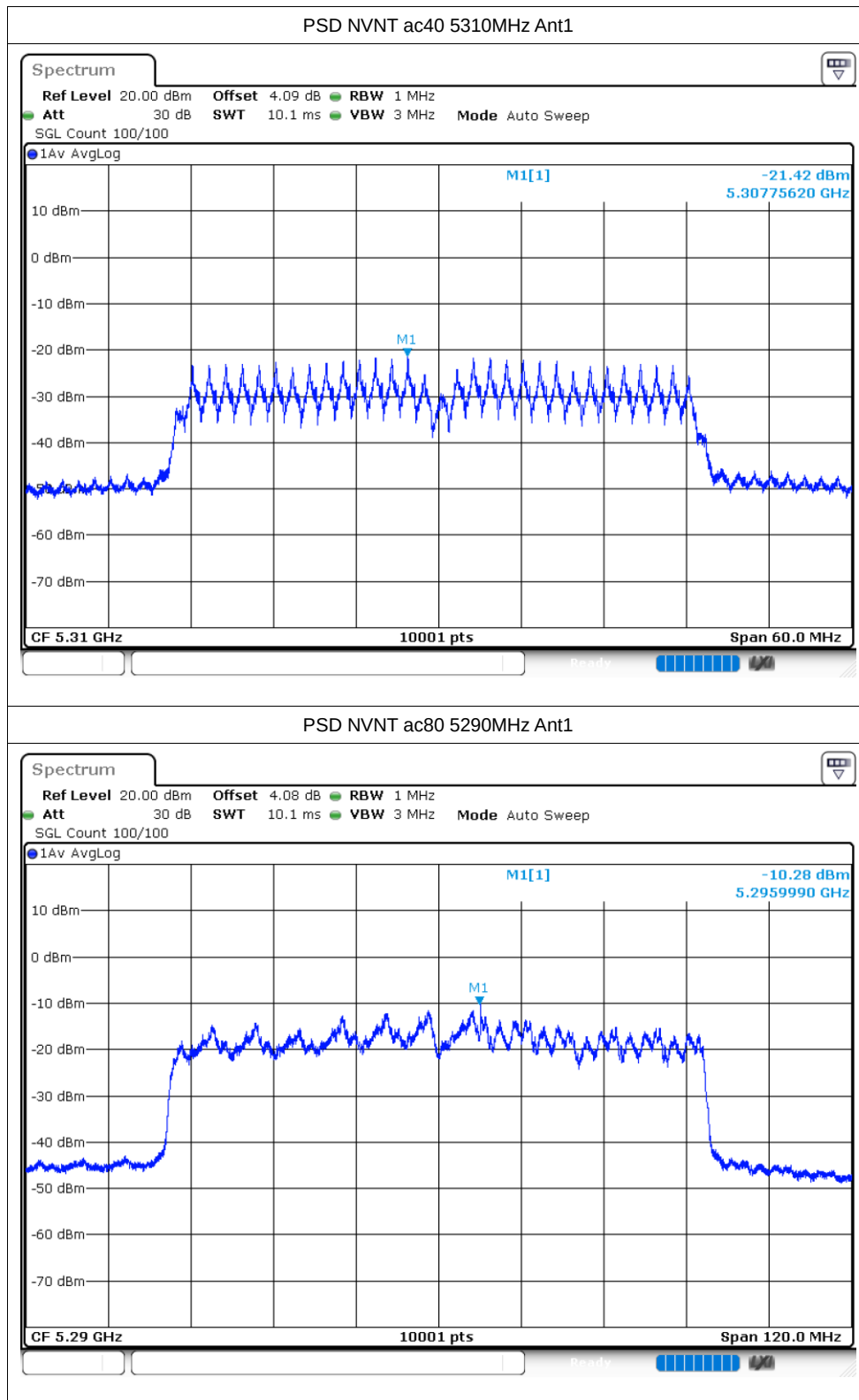








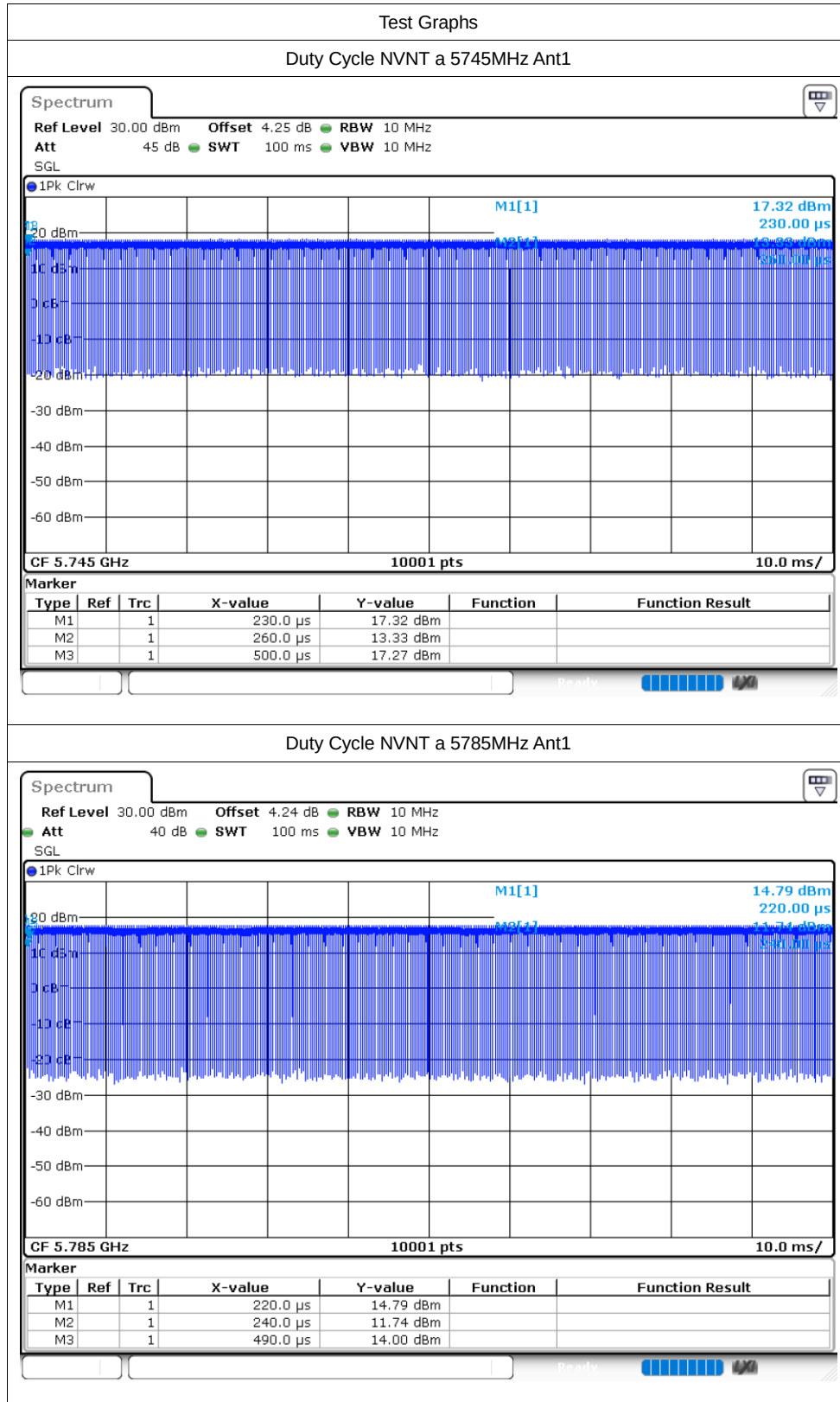


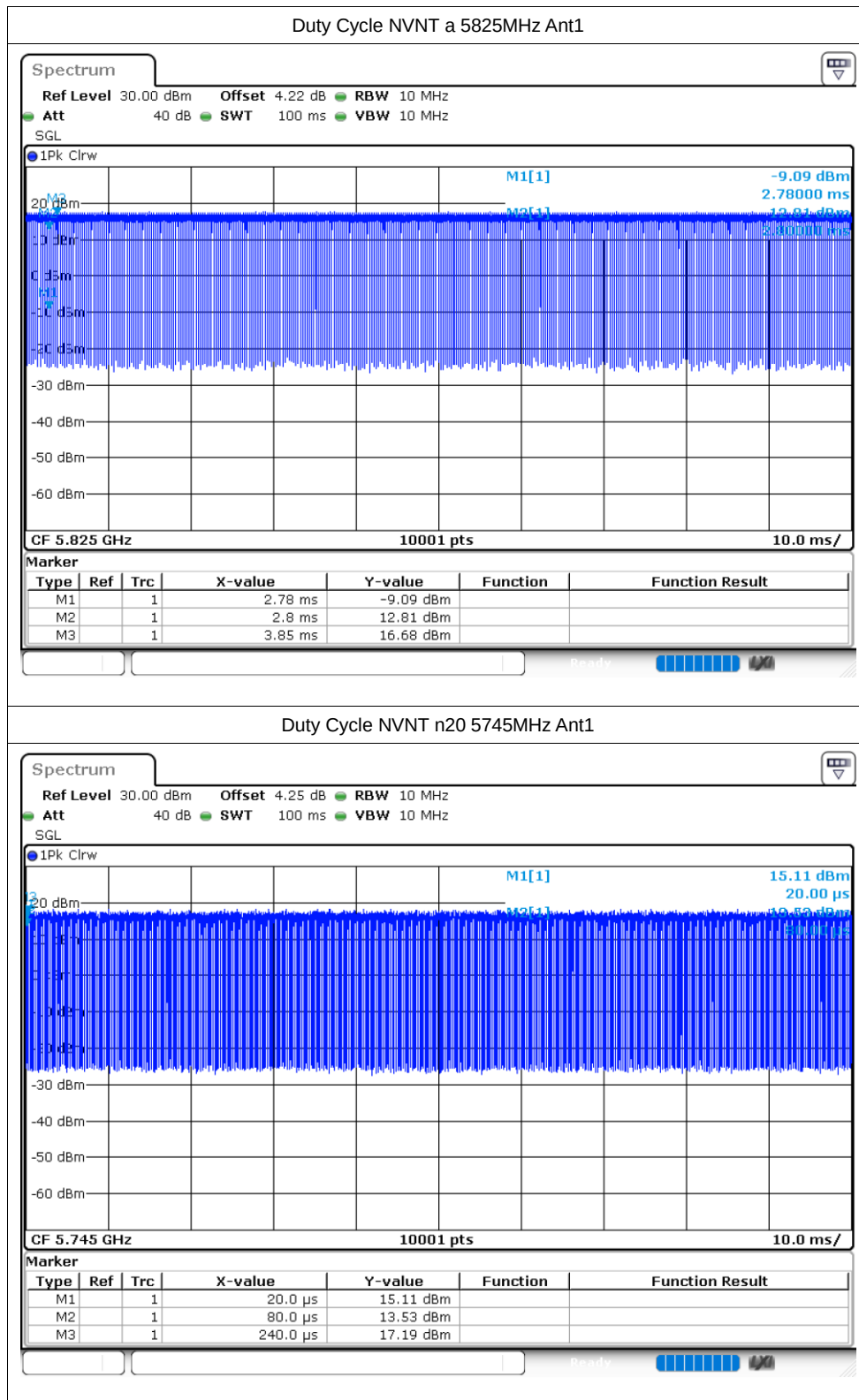


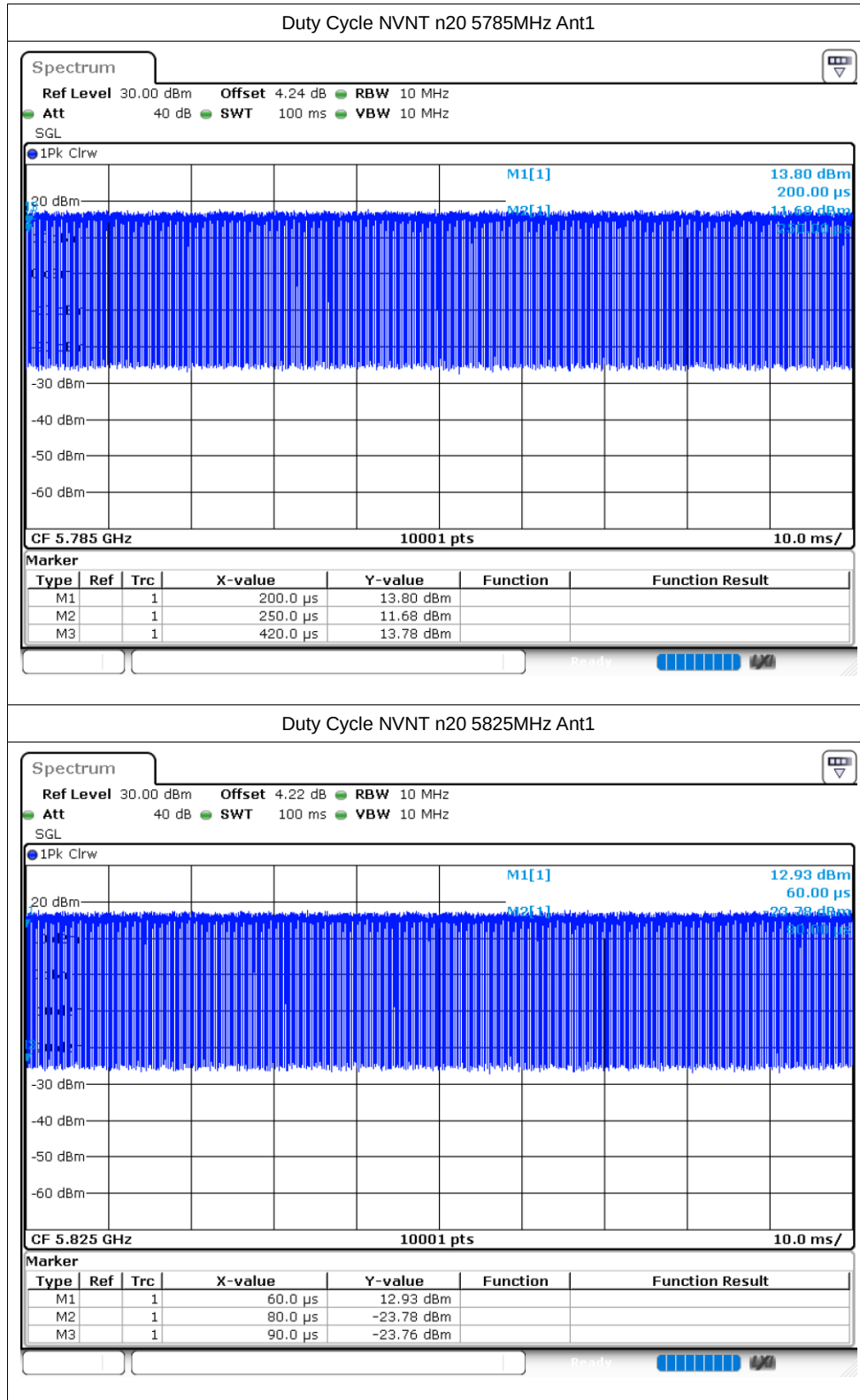
WIFI 5.8G:

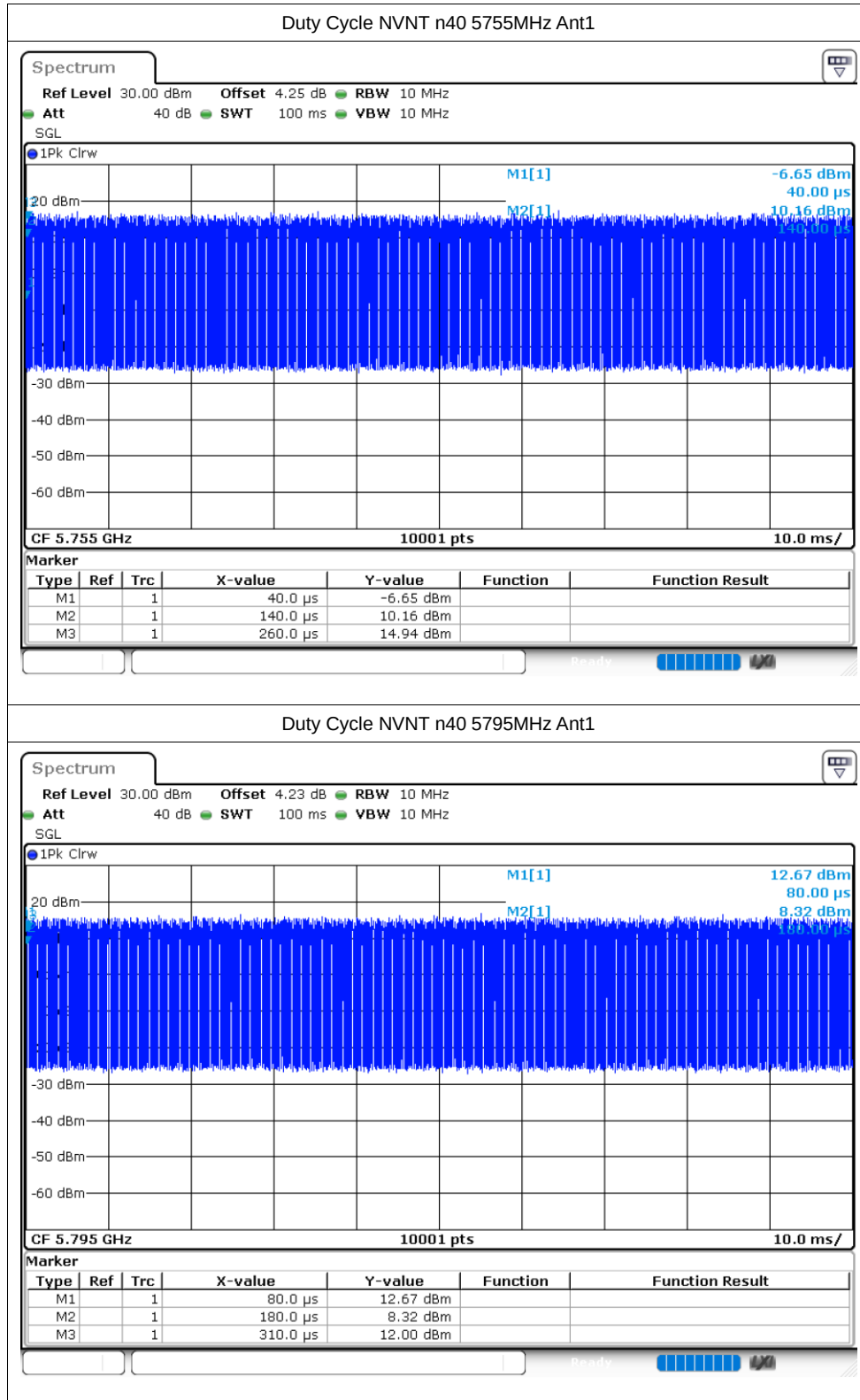
Duty Cycle

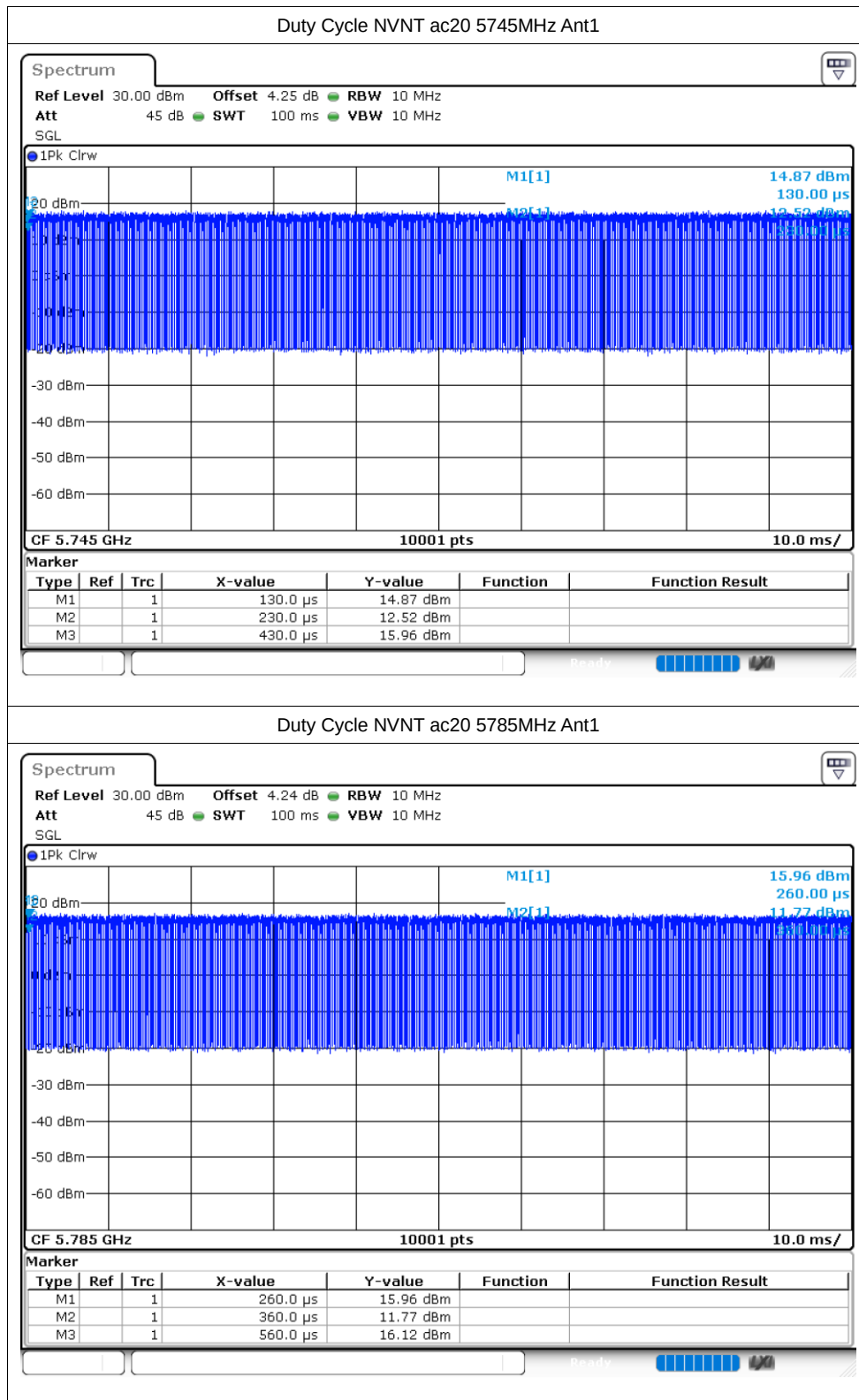
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	96.05	0.18	4.17
NVNT	a	5785	Ant1	95.7	0.19	4
NVNT	a	5825	Ant1	98.84	0.05	0.95
NVNT	n20	5745	Ant1	81.49	0.89	6.25
NVNT	n20	5785	Ant1	81.07	0.91	5.88
NVNT	n20	5825	Ant1	94.23	0.26	100
NVNT	n40	5755	Ant1	60.77	2.16	8.33
NVNT	n40	5795	Ant1	60.75	2.16	7.69
NVNT	ac20	5745	Ant1	69.92	1.55	5
NVNT	ac20	5785	Ant1	69.63	1.57	5
NVNT	ac20	5825	Ant1	69.69	1.57	5
NVNT	ac40	5755	Ant1	57.82	2.38	9.09
NVNT	ac40	5795	Ant1	57.84	2.38	8.33
NVNT	ac80	5775	Ant1	83.65	0.78	2.17

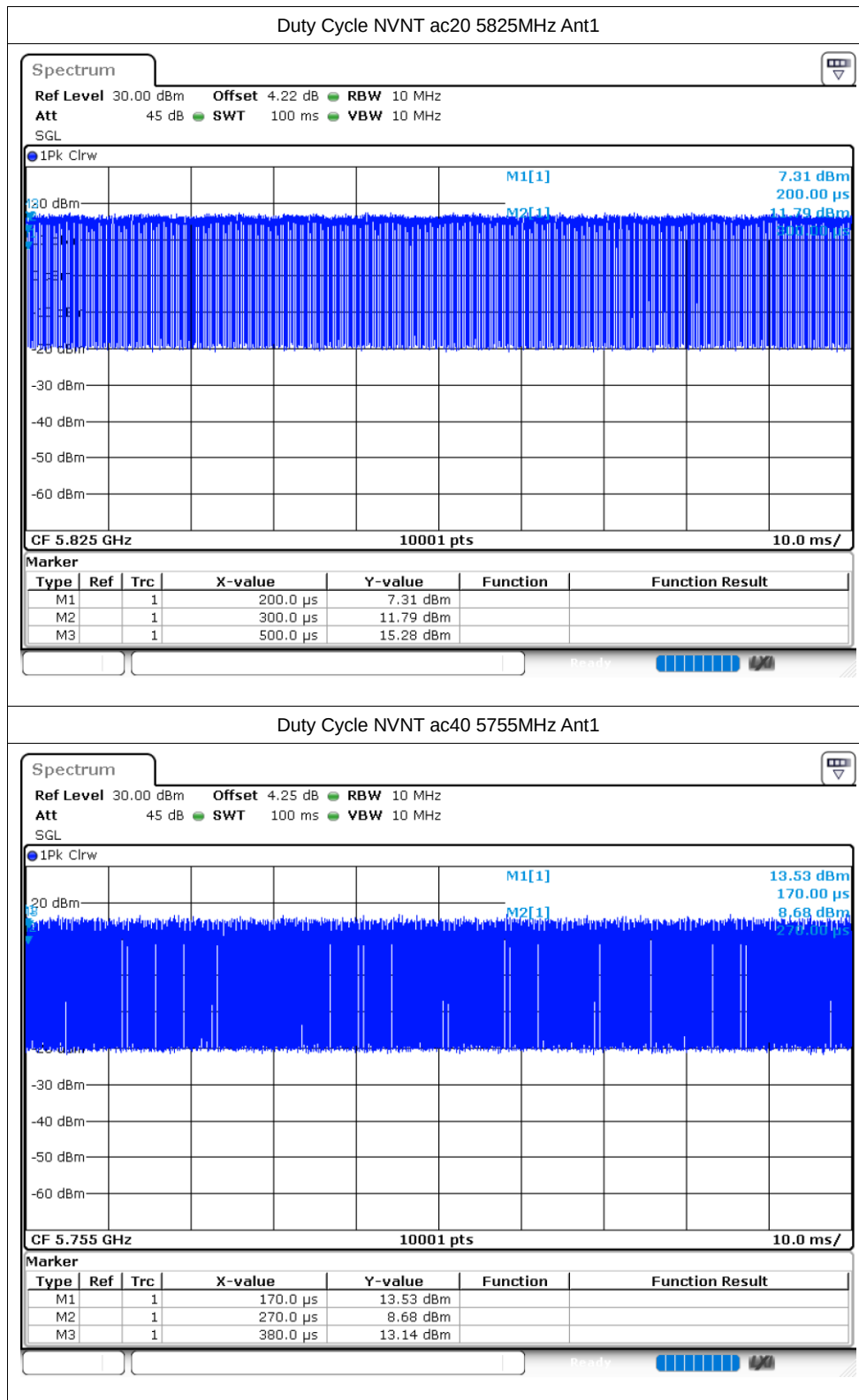


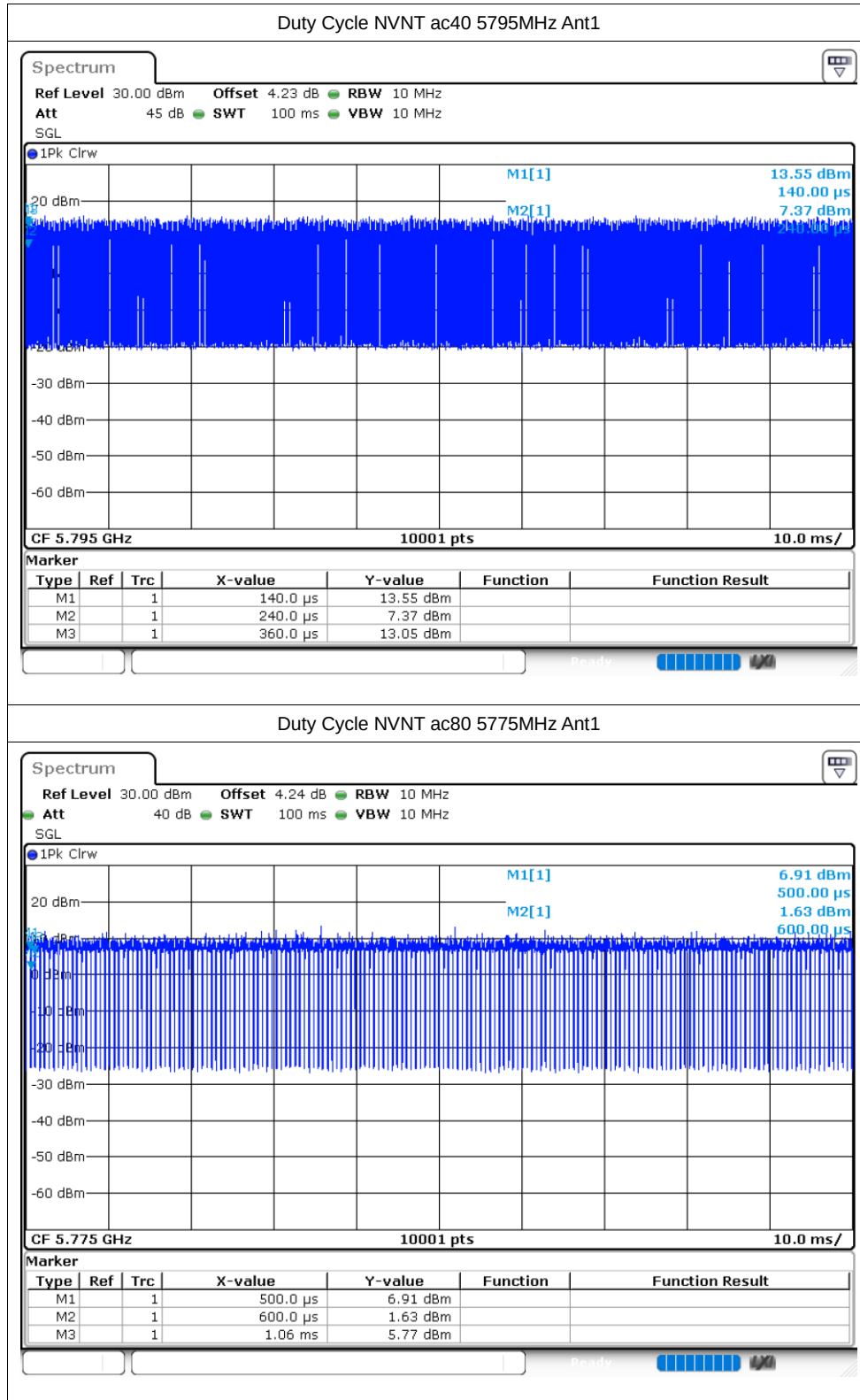












Maximum Conducted Output Power

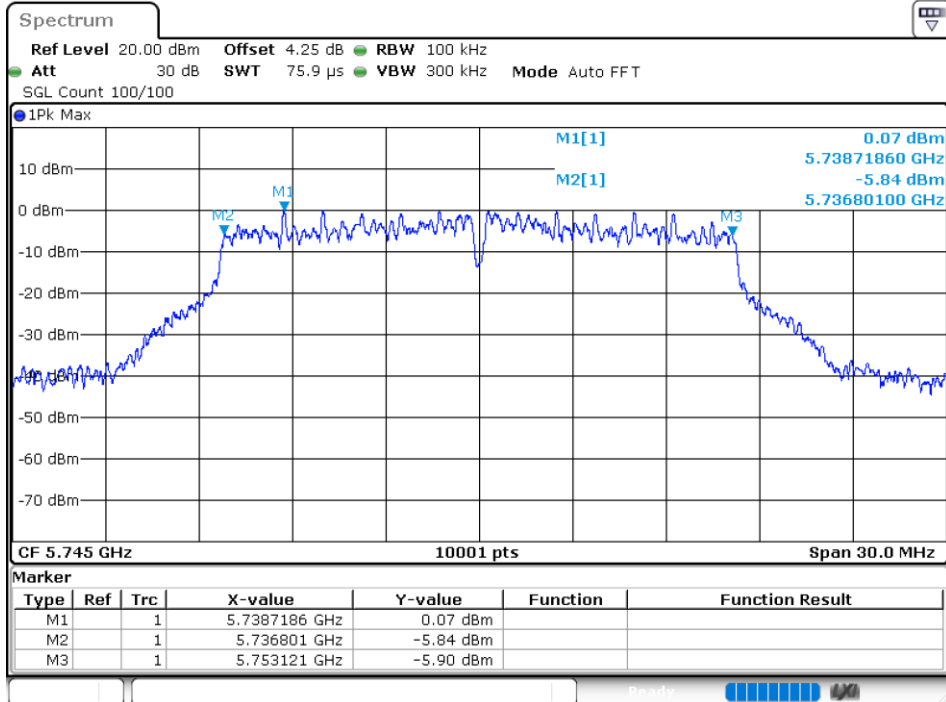
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	7.12	30	Pass
NVNT	a	5785	Ant1	7.33	30	Pass
NVNT	a	5825	Ant1	7.13	30	Pass
NVNT	n20	5745	Ant1	6.98	30	Pass
NVNT	n20	5785	Ant1	7.21	30	Pass
NVNT	n20	5825	Ant1	6.87	30	Pass
NVNT	n40	5755	Ant1	7.38	30	Pass
NVNT	n40	5795	Ant1	7.44	30	Pass
NVNT	ac20	5745	Ant1	6.95	30	Pass
NVNT	ac20	5785	Ant1	7.38	30	Pass
NVNT	ac20	5825	Ant1	7.12	30	Pass
NVNT	ac40	5755	Ant1	7.37	30	Pass
NVNT	ac40	5795	Ant1	7.49	30	Pass
NVNT	ac80	5775	Ant1	5.14	30	Pass

-6dB Bandwidth

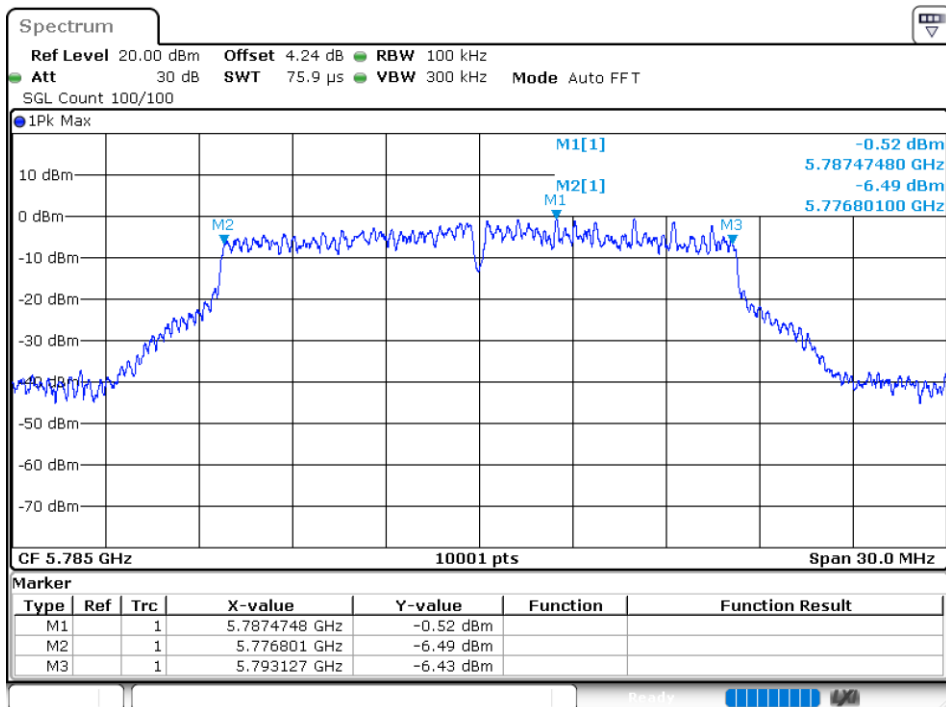
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.32	0.5	Pass
NVNT	a	5785	Ant1	16.326	0.5	Pass
NVNT	a	5825	Ant1	16.017	0.5	Pass
NVNT	n20	5745	Ant1	17.685	0.5	Pass
NVNT	n20	5785	Ant1	17.568	0.5	Pass
NVNT	n20	5825	Ant1	17.565	0.5	Pass
NVNT	n40	5755	Ant1	36.21	0.5	Pass
NVNT	n40	5795	Ant1	36.3	0.5	Pass
NVNT	ac20	5745	Ant1	17.016	0.5	Pass
NVNT	ac20	5785	Ant1	17.19	0.5	Pass
NVNT	ac20	5825	Ant1	17.601	0.5	Pass
NVNT	ac40	5755	Ant1	36.294	0.5	Pass
NVNT	ac40	5795	Ant1	35.706	0.5	Pass
NVNT	ac80	5775	Ant1	74.472	0.5	Pass

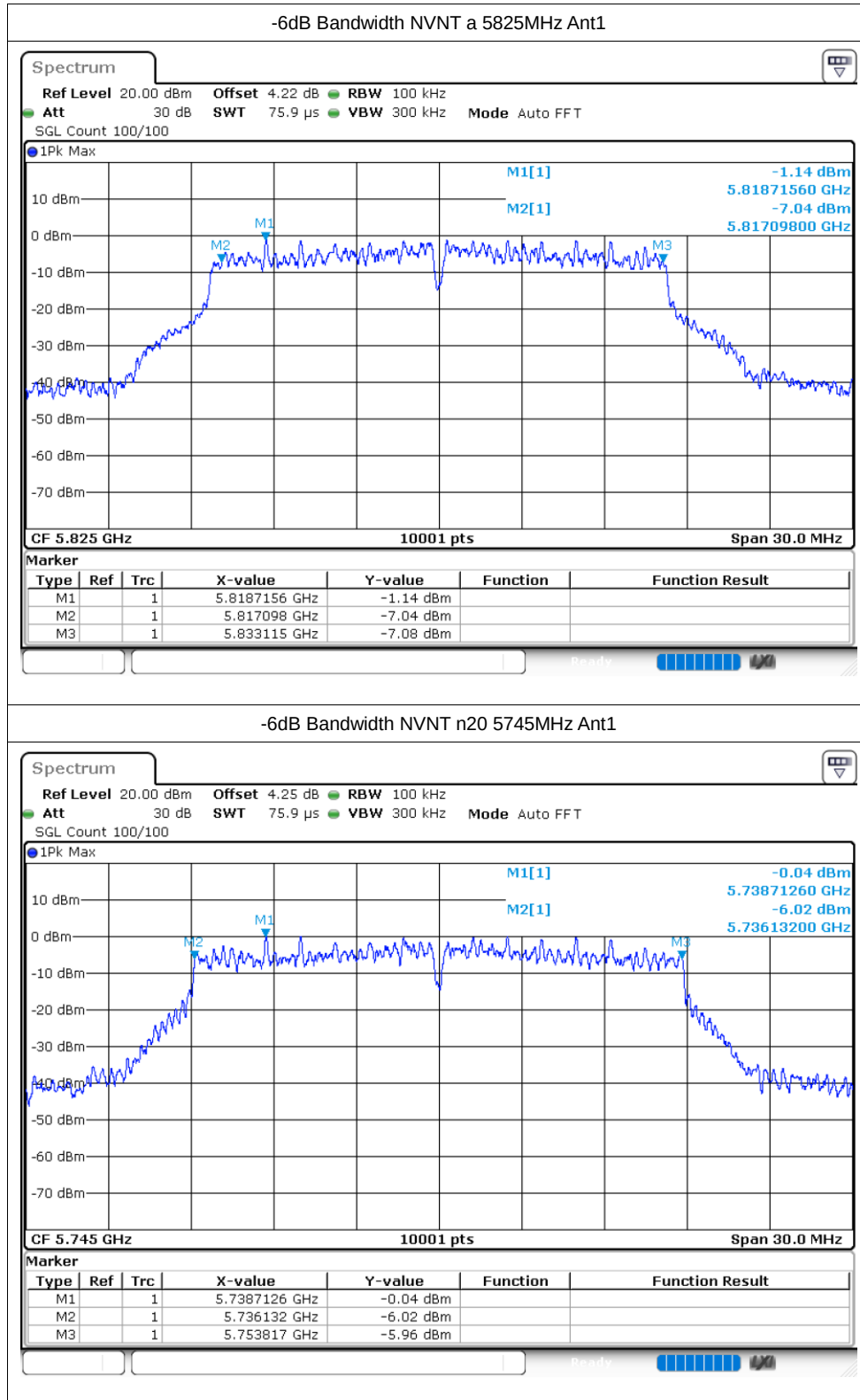
Test Graphs

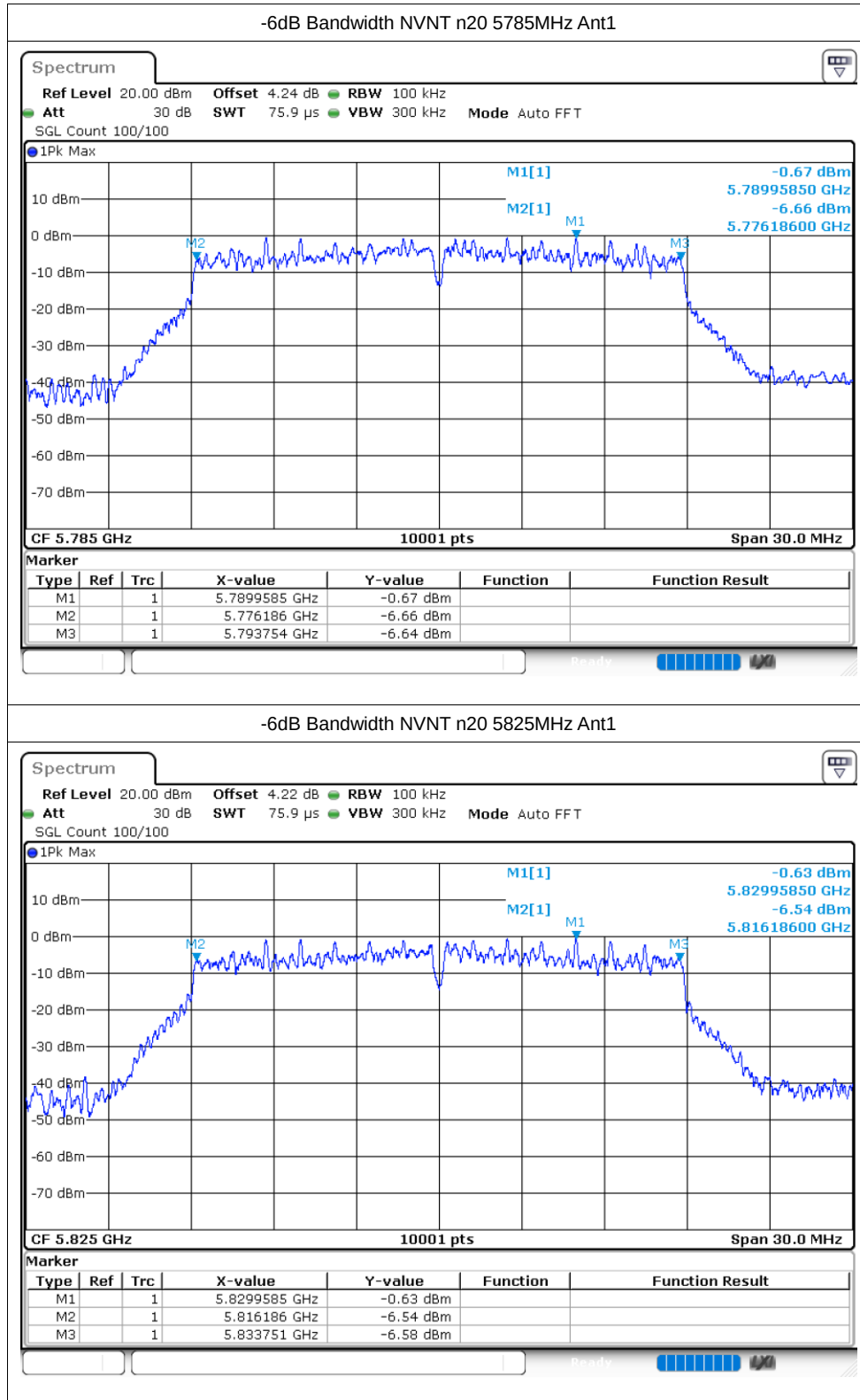
-6dB Bandwidth NVNT a 5745MHz Ant1

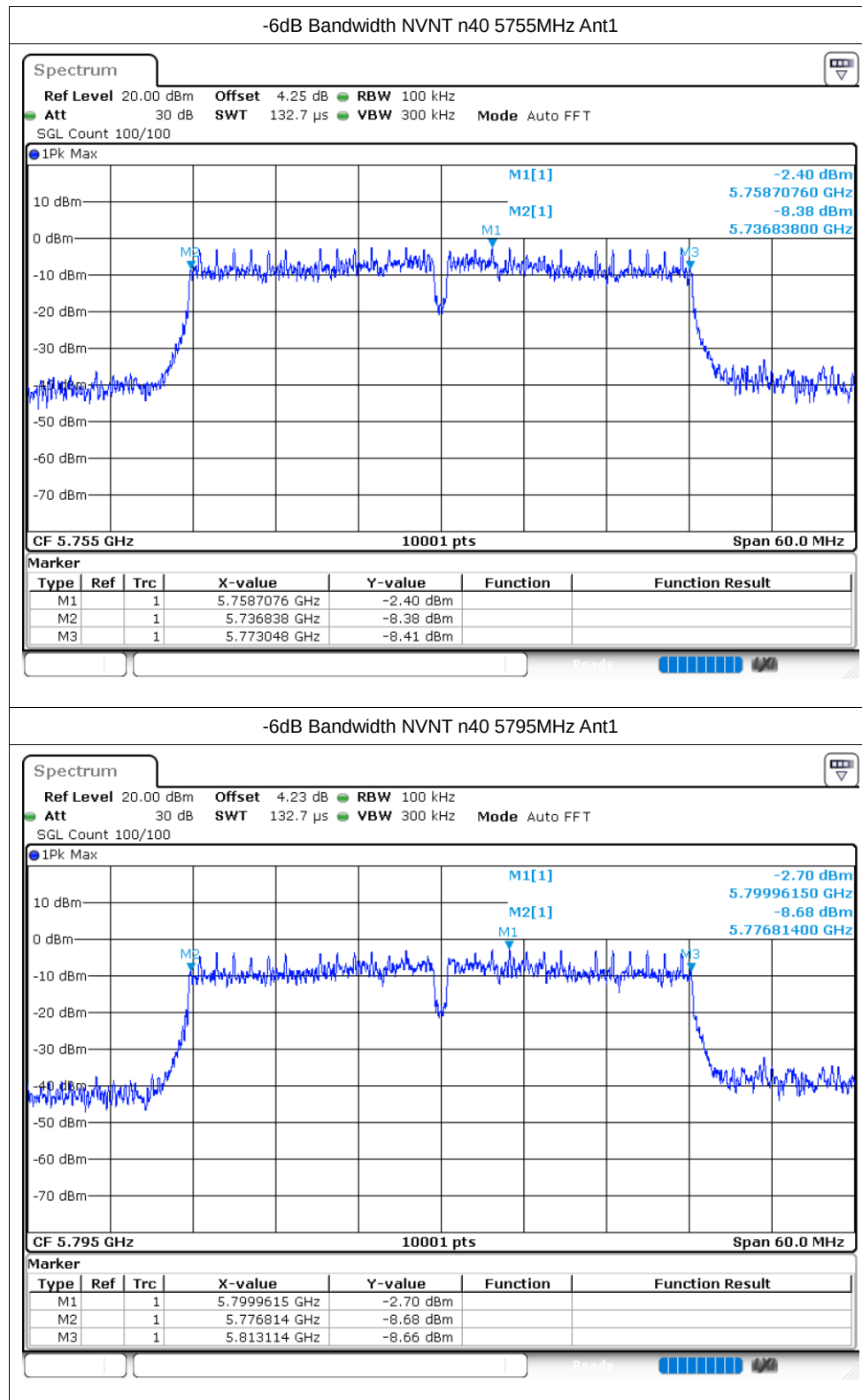


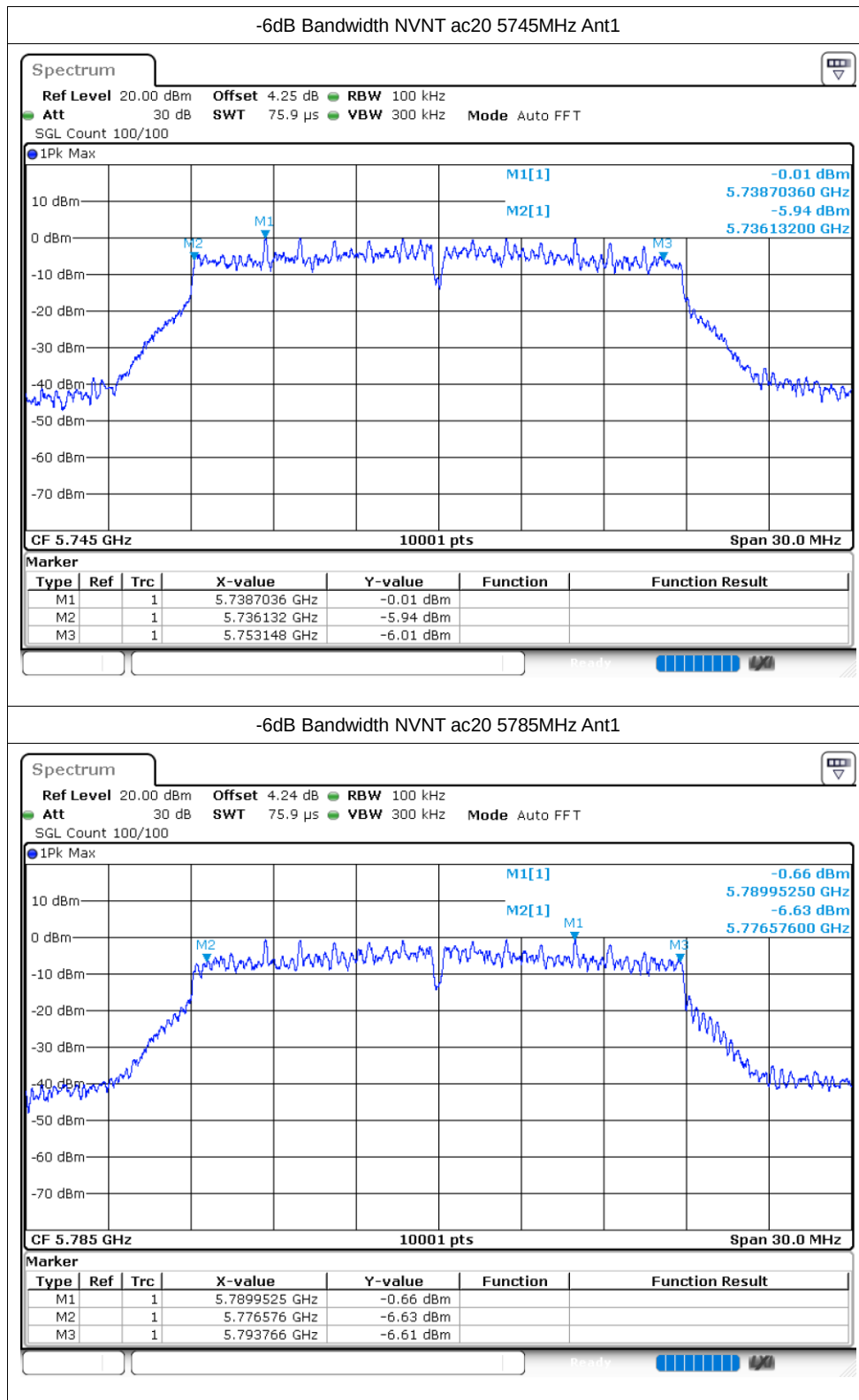
-6dB Bandwidth NVNT a 5785MHz Ant1

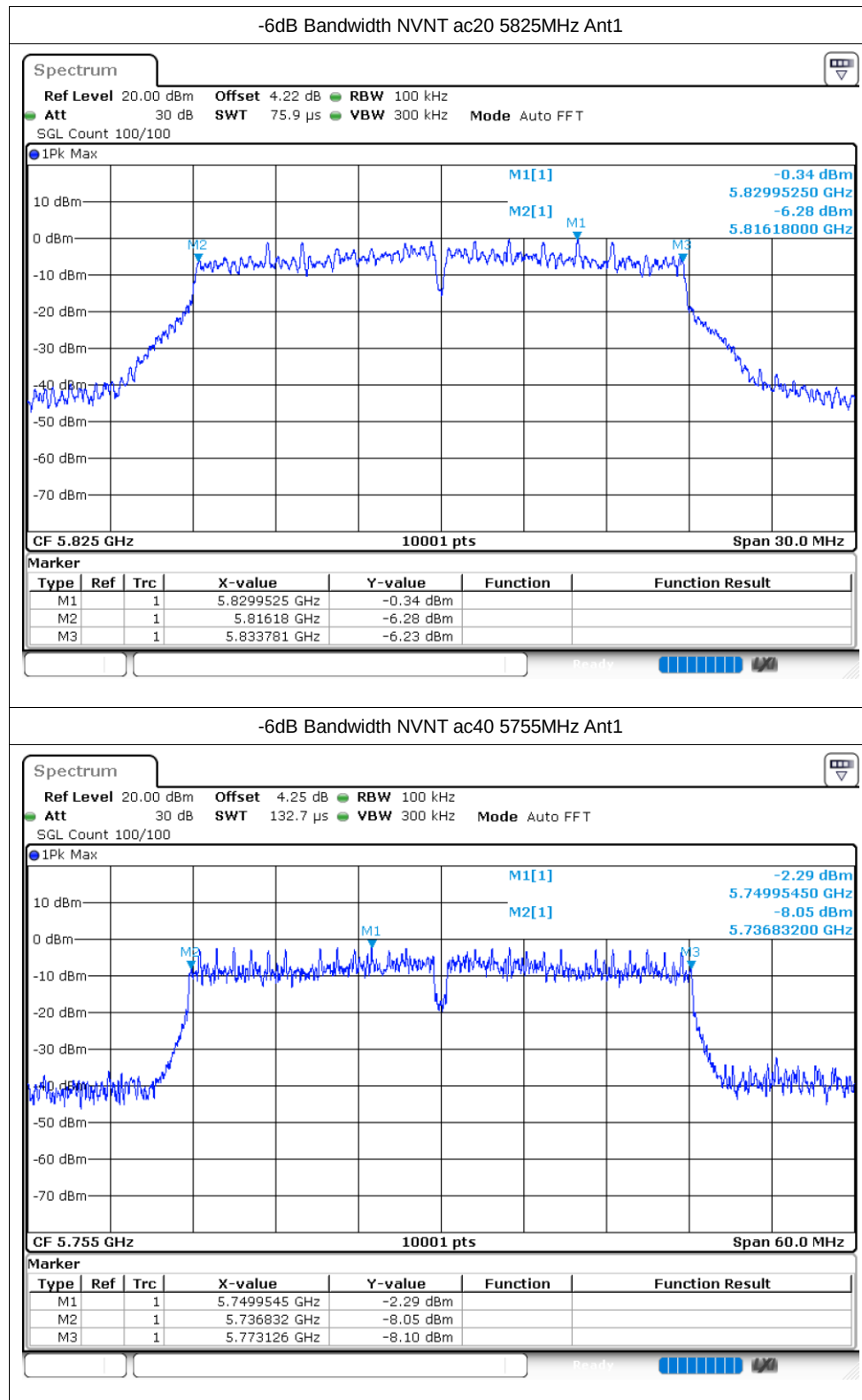


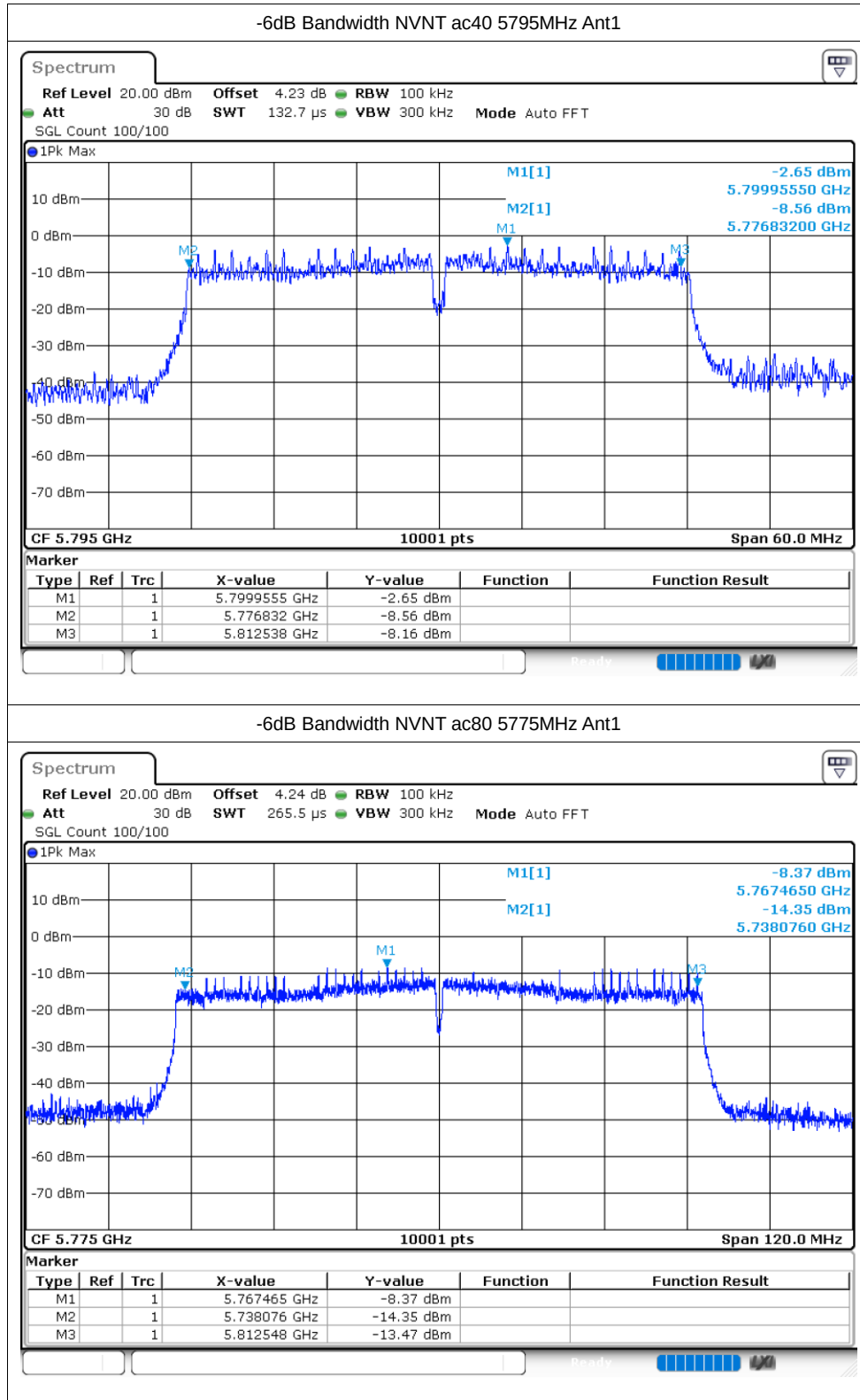










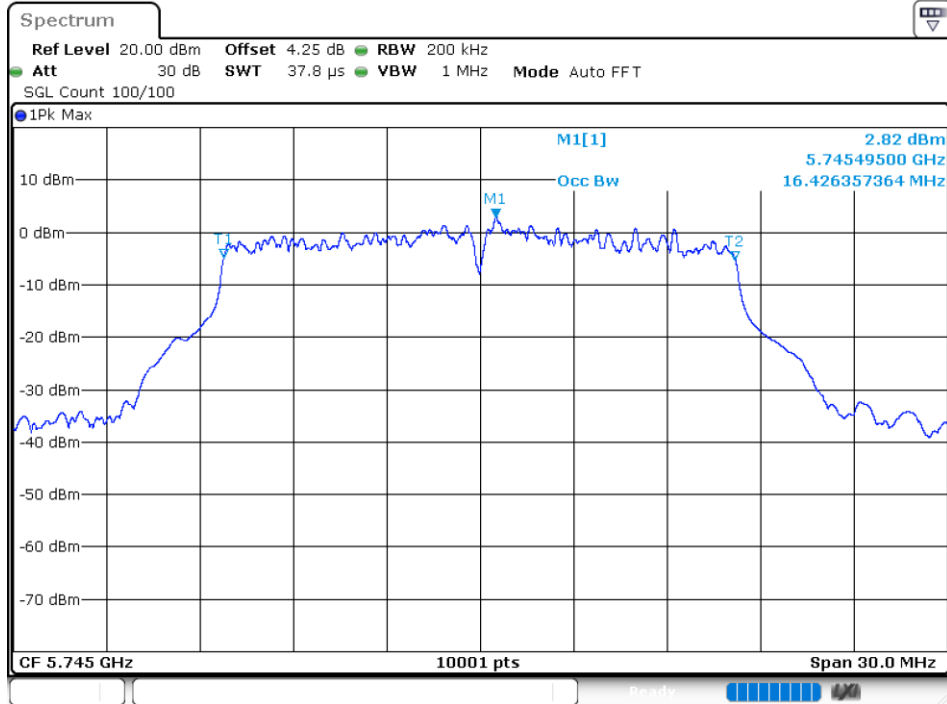


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.426
NVNT	a	5785	Ant1	16.468
NVNT	a	5825	Ant1	16.456
NVNT	n20	5745	Ant1	17.608
NVNT	n20	5785	Ant1	17.644
NVNT	n20	5825	Ant1	17.614
NVNT	n40	5755	Ant1	36.242
NVNT	n40	5795	Ant1	36.224
NVNT	ac20	5745	Ant1	17.668
NVNT	ac20	5785	Ant1	17.74
NVNT	ac20	5825	Ant1	17.65
NVNT	ac40	5755	Ant1	36.248
NVNT	ac40	5795	Ant1	36.26
NVNT	ac80	5775	Ant1	75.592

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

