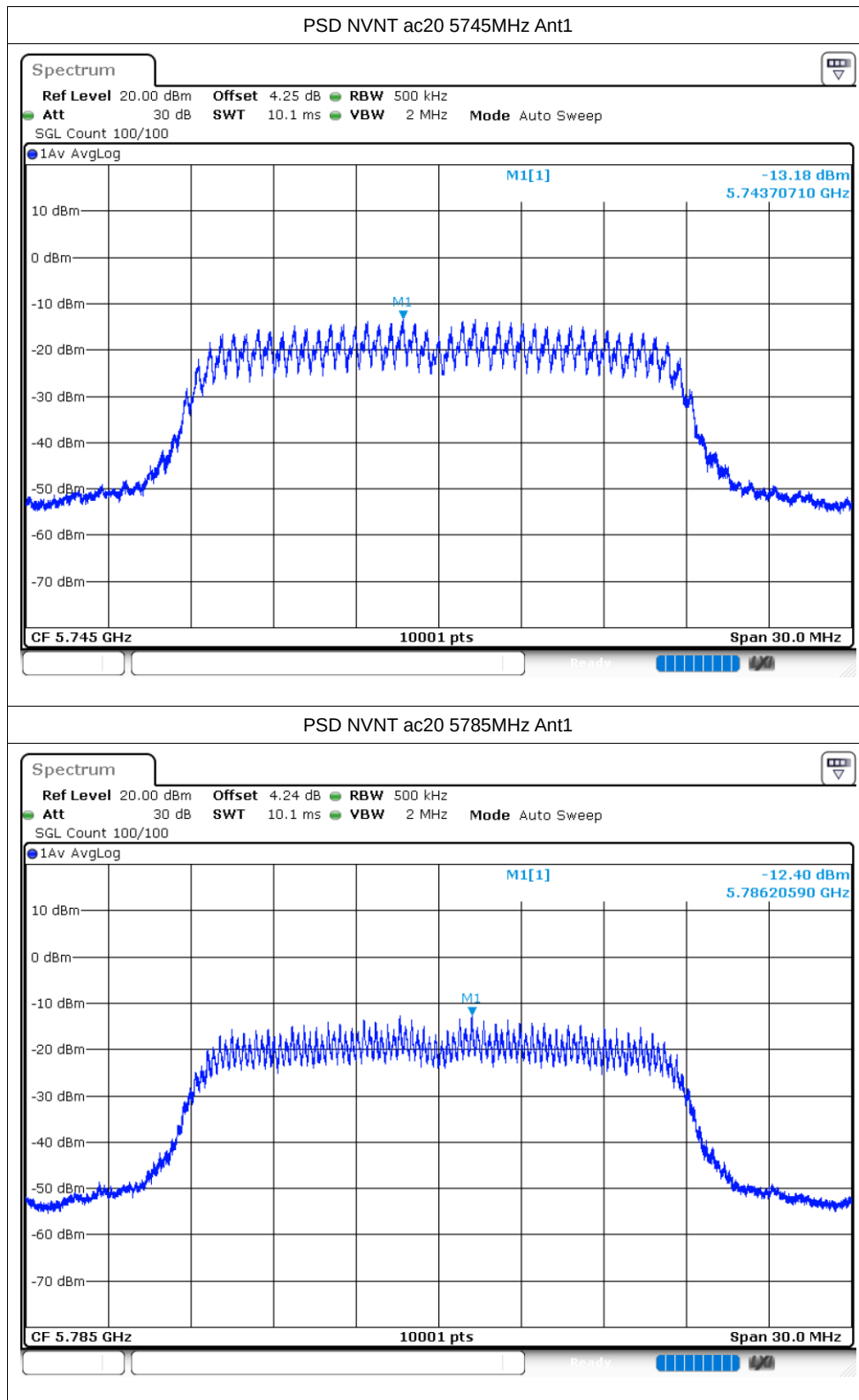
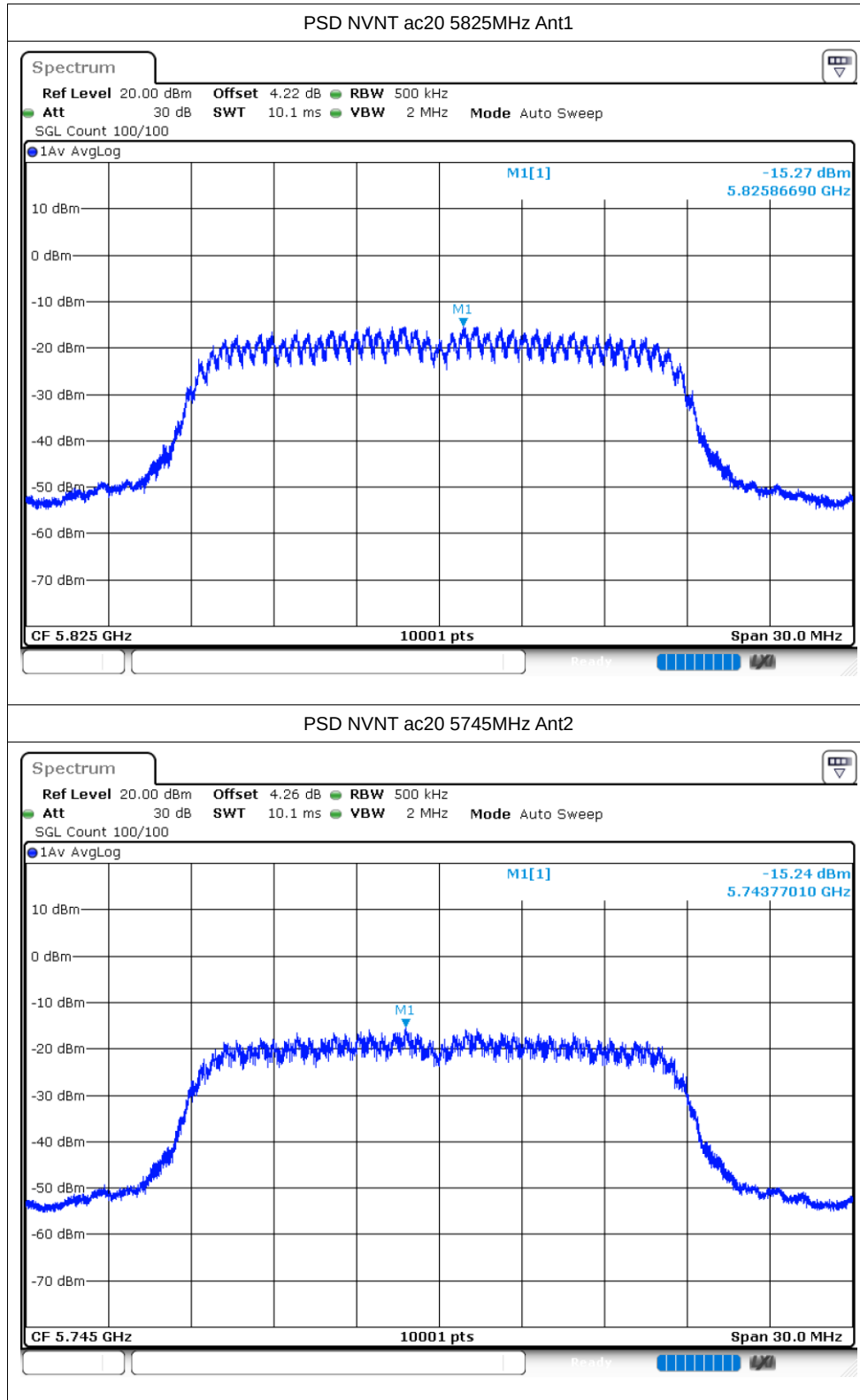
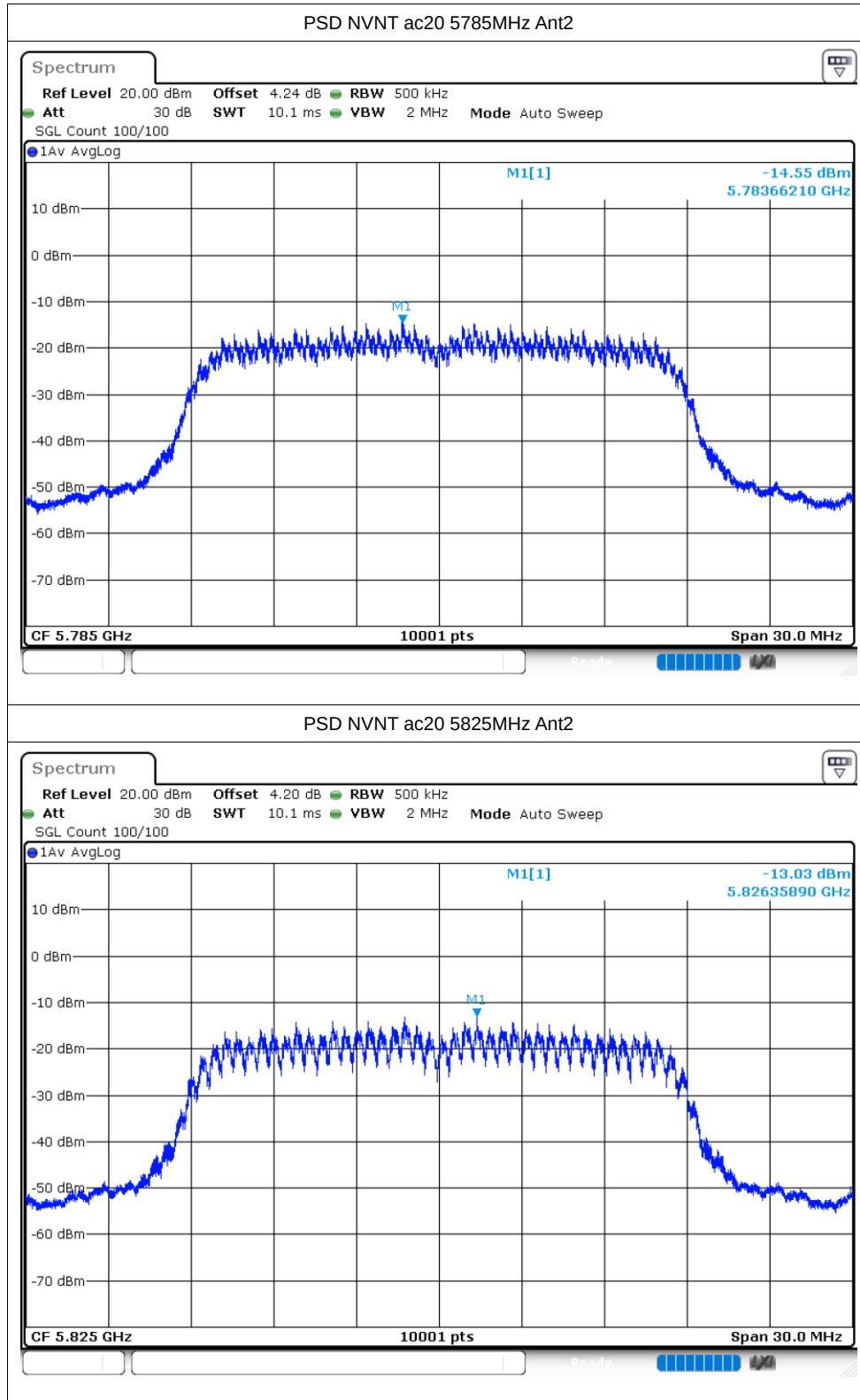
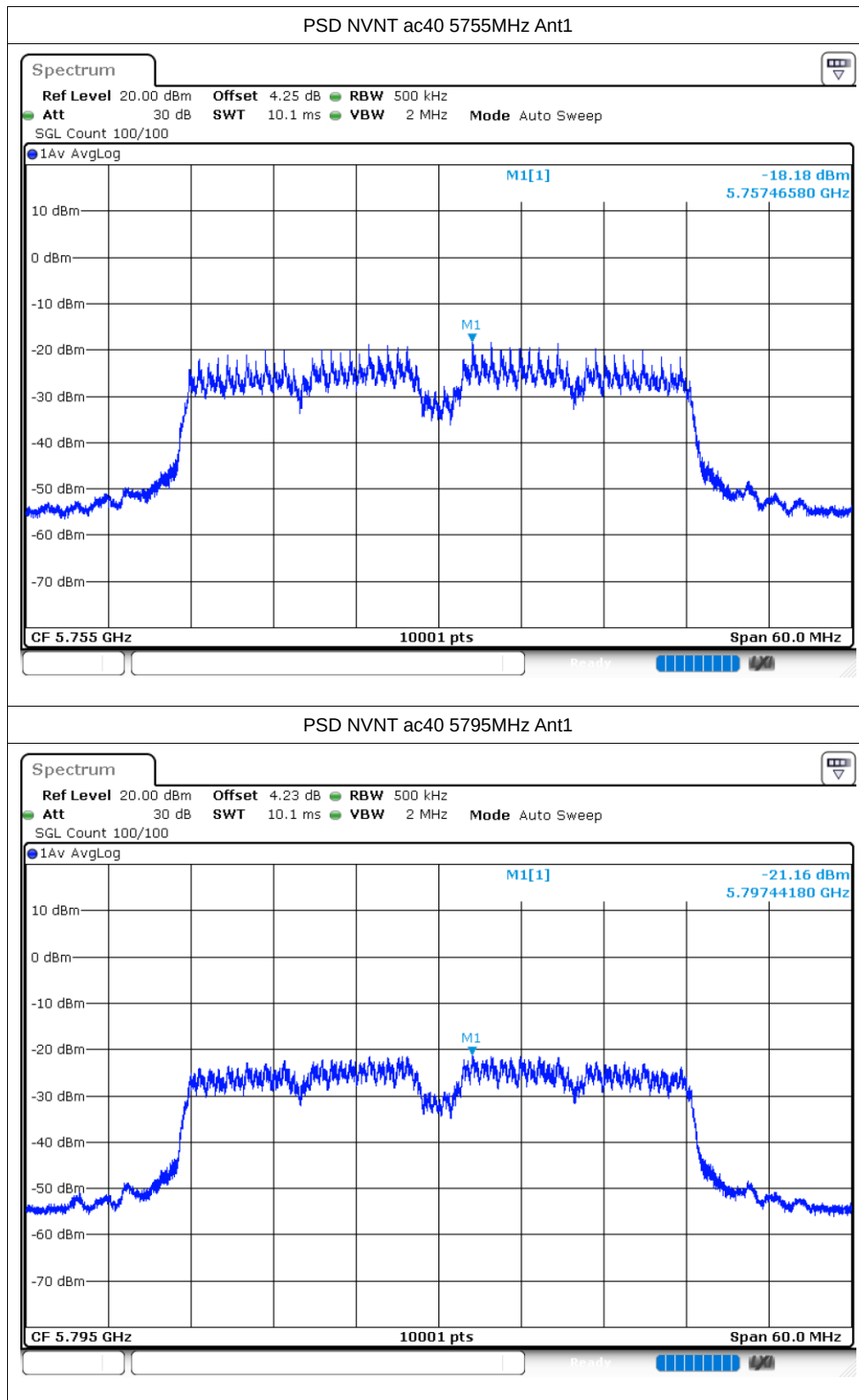
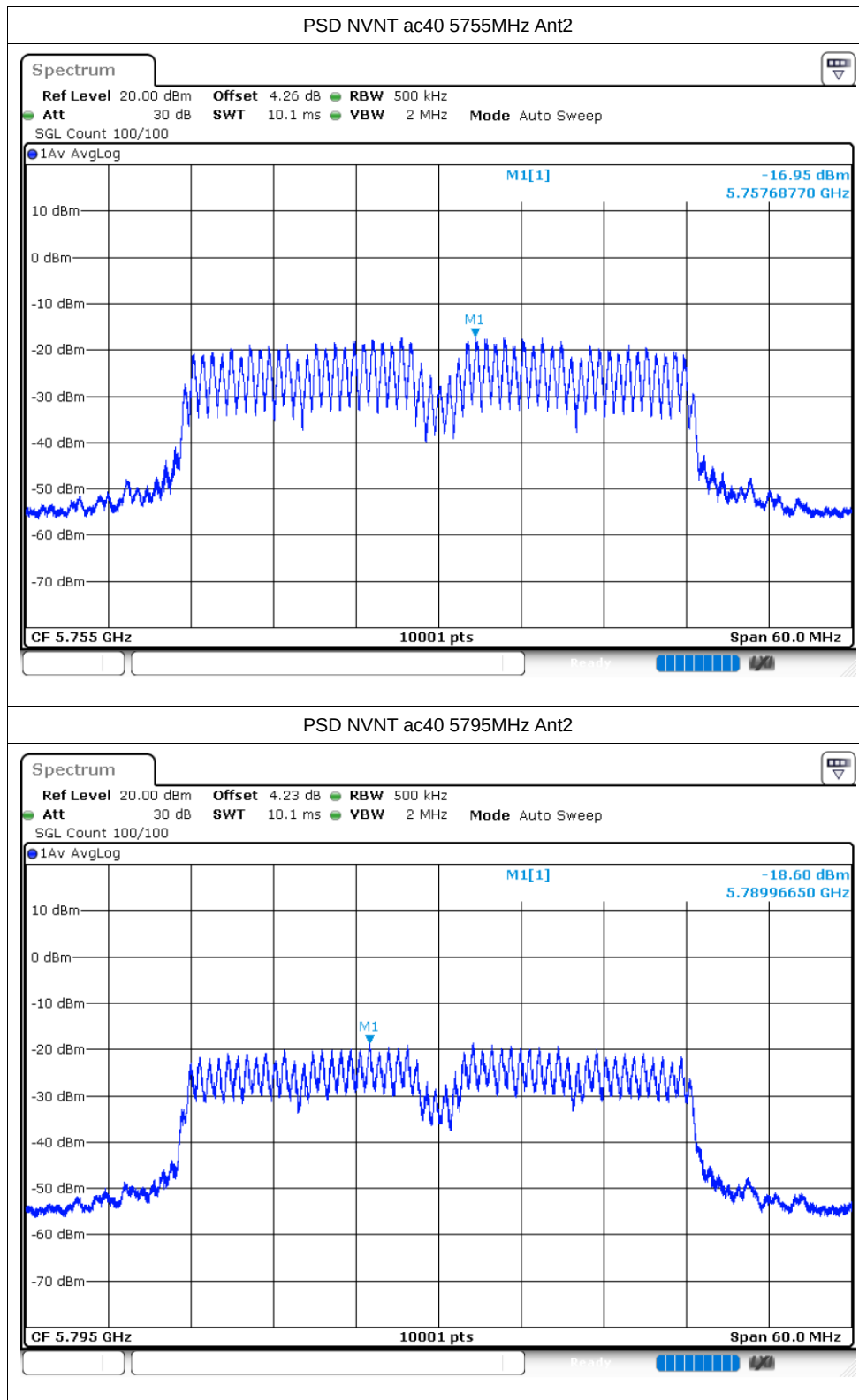


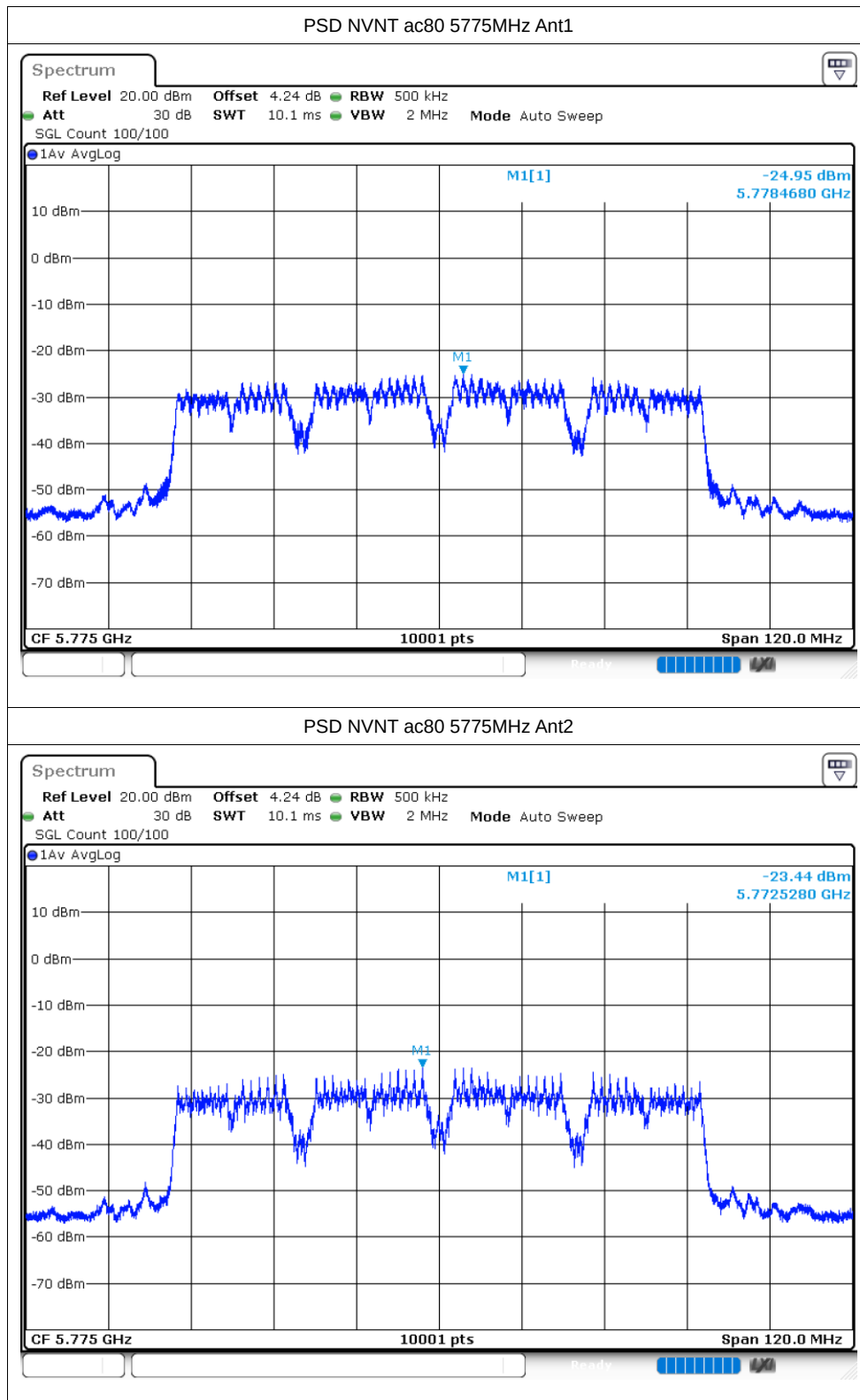












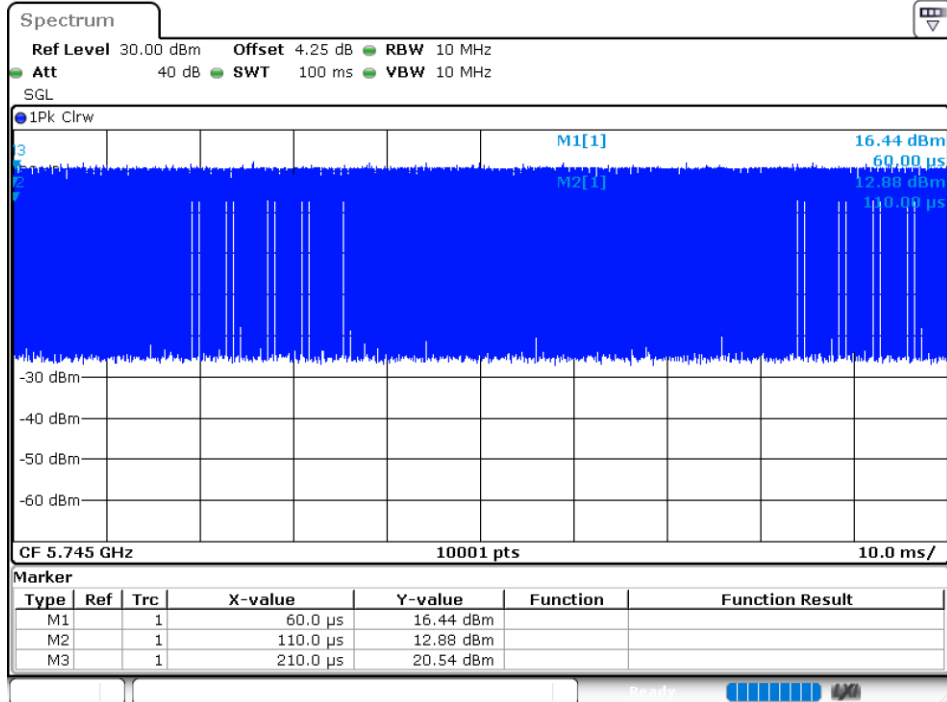
5.8G WIFI MIMO

Duty Cycle

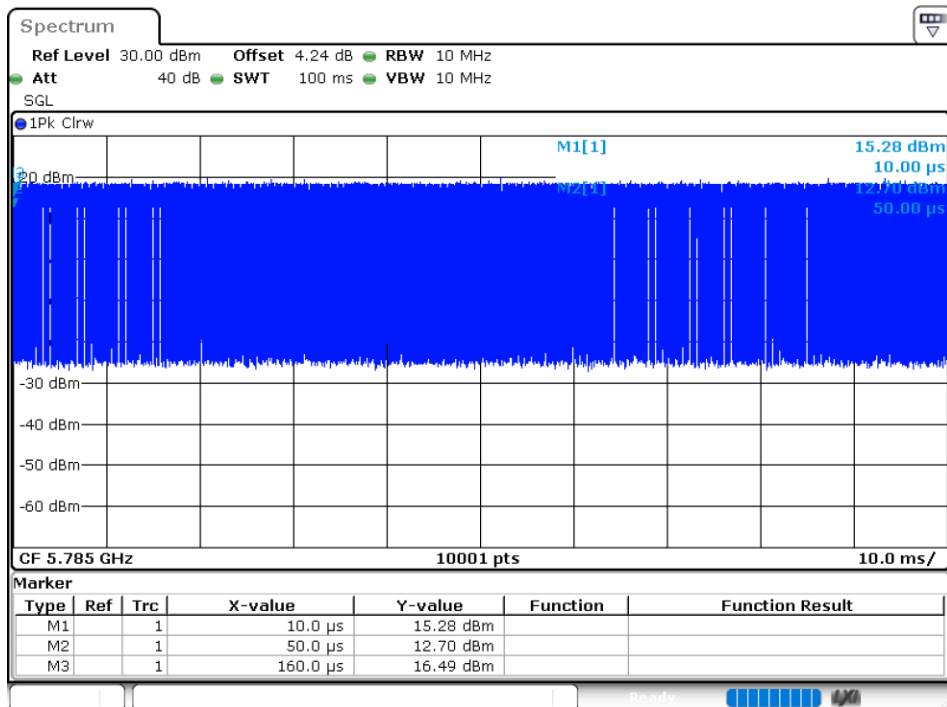
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Sum	77.22	1.12	10
NVNT	ac20	5785	Sum	77.24	1.12	9.09
NVNT	ac20	5825	Sum	77.26	1.12	9.09
NVNT	ac40	5755	Sum	75	1.25	12.5
NVNT	ac40	5795	Sum	66.68	1.76	14.29
NVNT	ac80	5775	Sum	67.66	1.7	16.67
NVNT	n20	5745	Sum	88.08	0.55	6.25
NVNT	n20	5785	Sum	99.05	0.04	0.7
NVNT	n20	5825	Sum	83.83	0.77	6.25
NVNT	n40	5755	Sum	76.41	1.17	10
NVNT	n40	5795	Sum	77.76	1.09	10

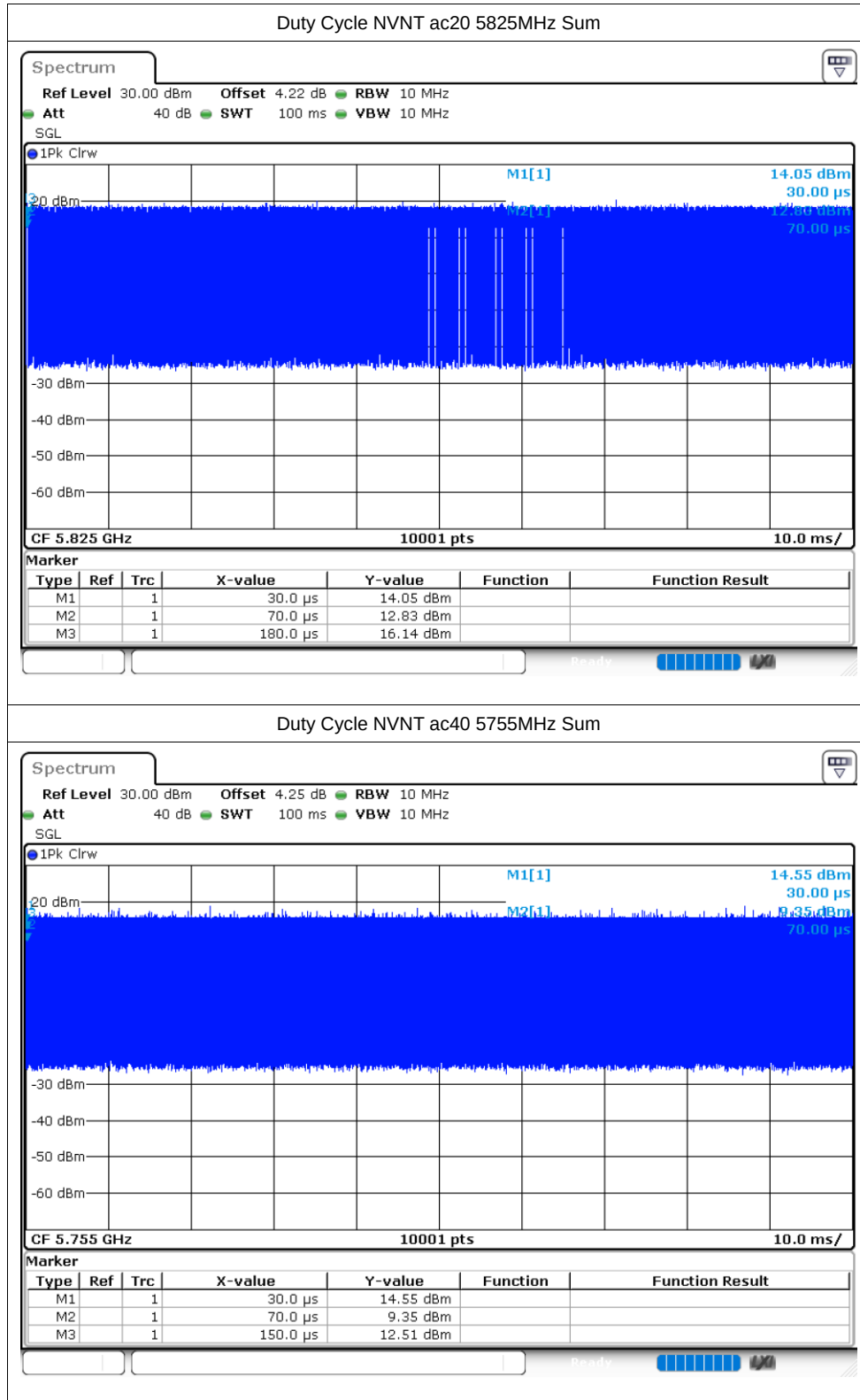
Test Graphs

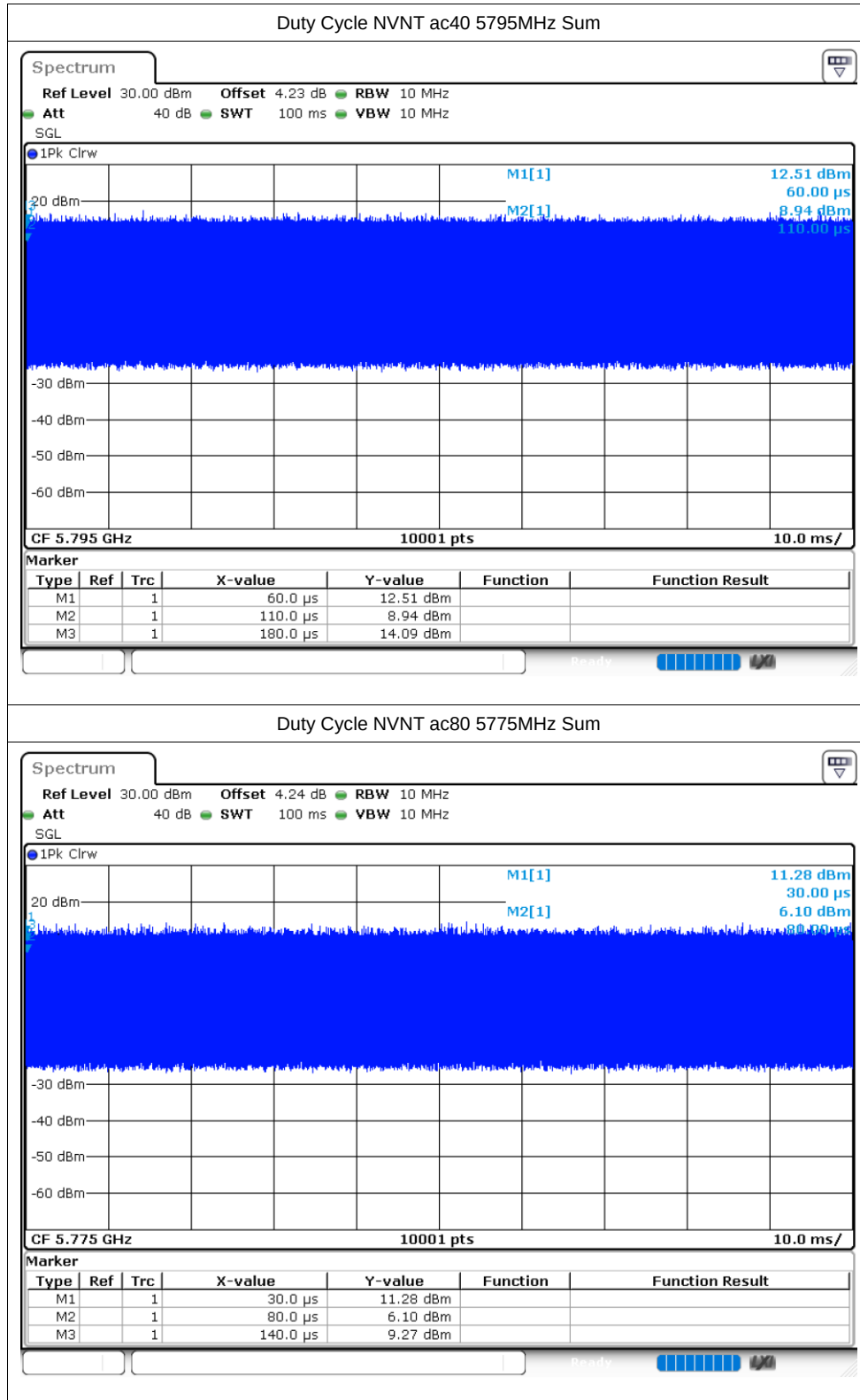
Duty Cycle NVNT ac20 5745MHz Sum

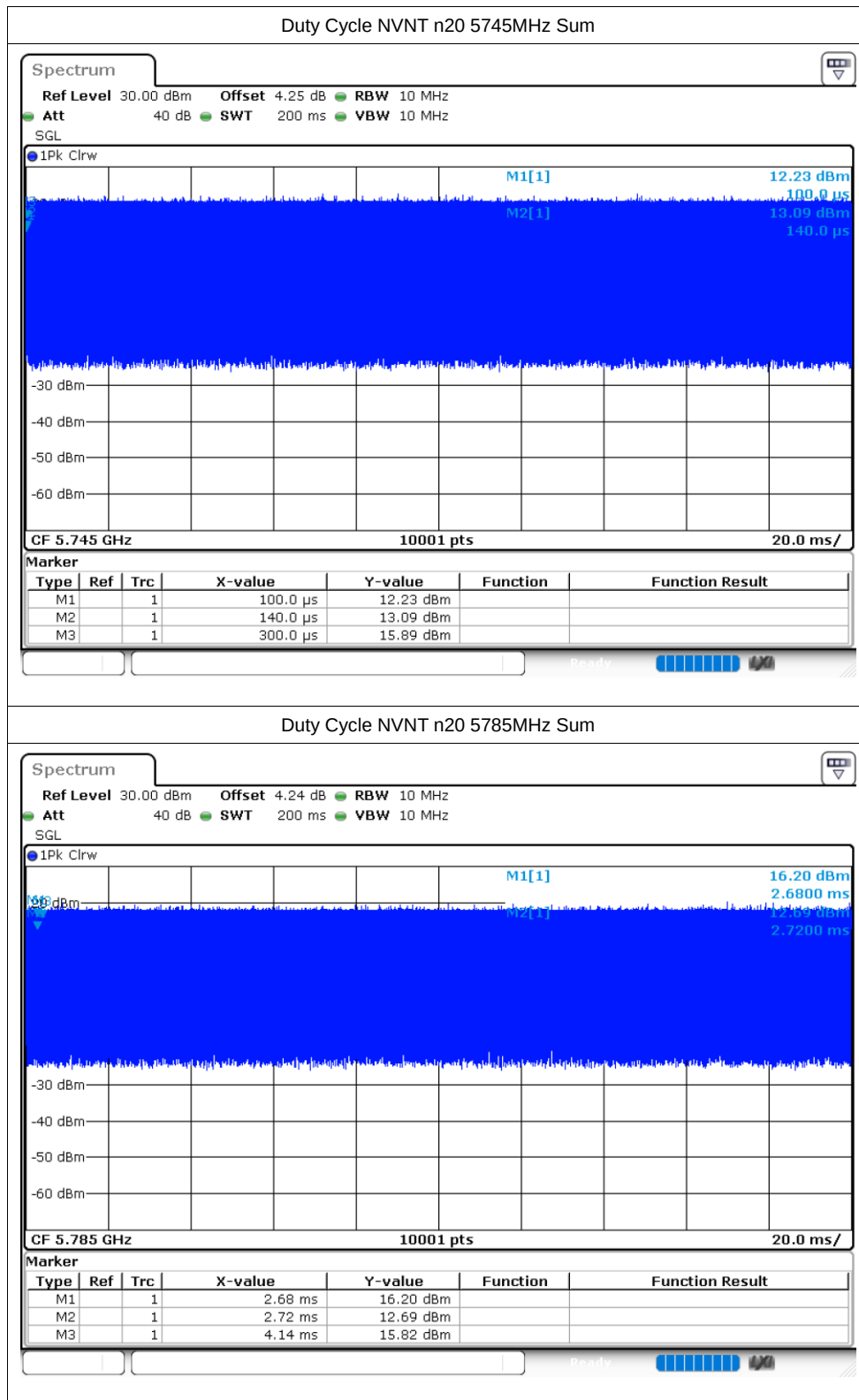


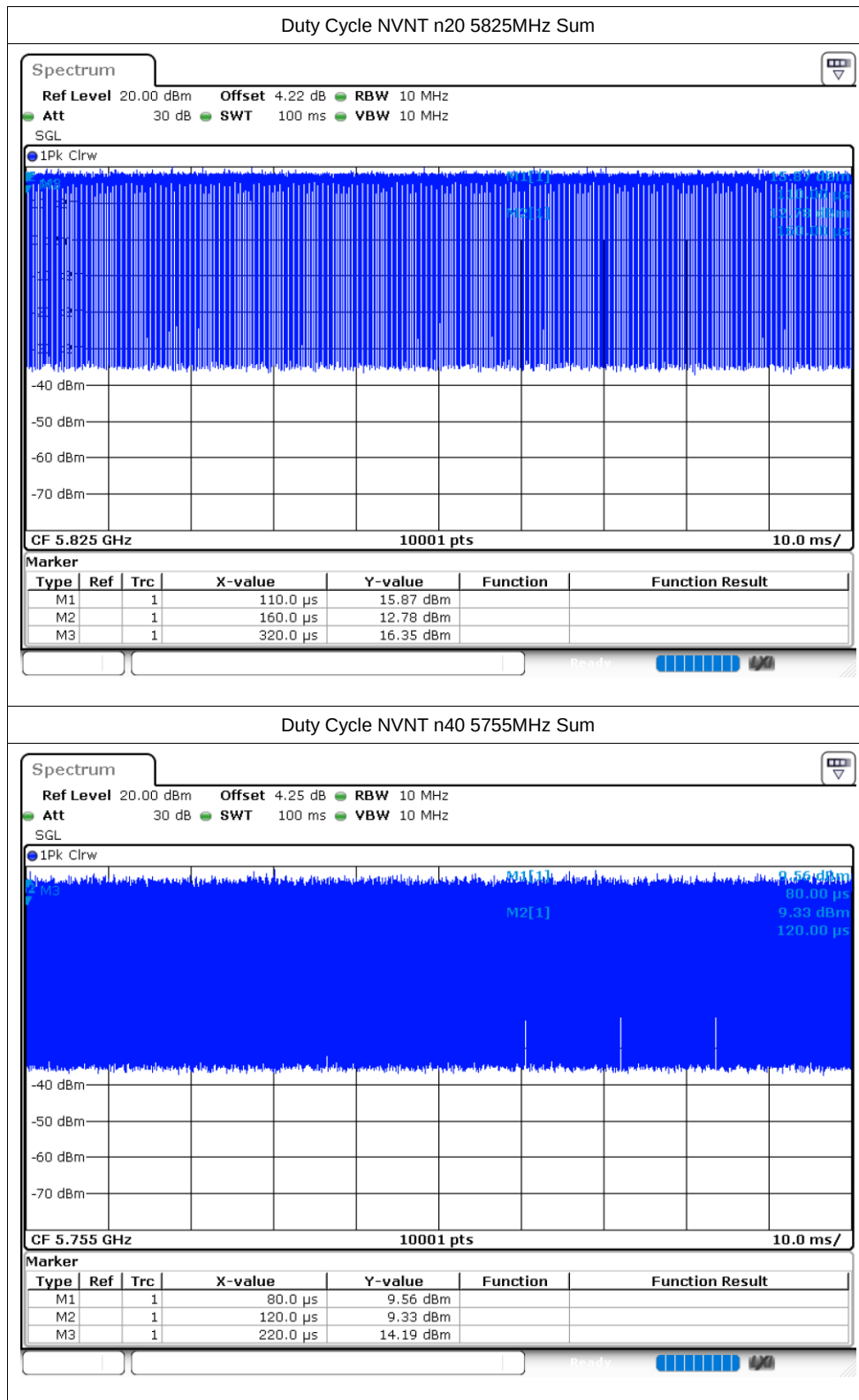
Duty Cycle NVNT ac20 5785MHz Sum

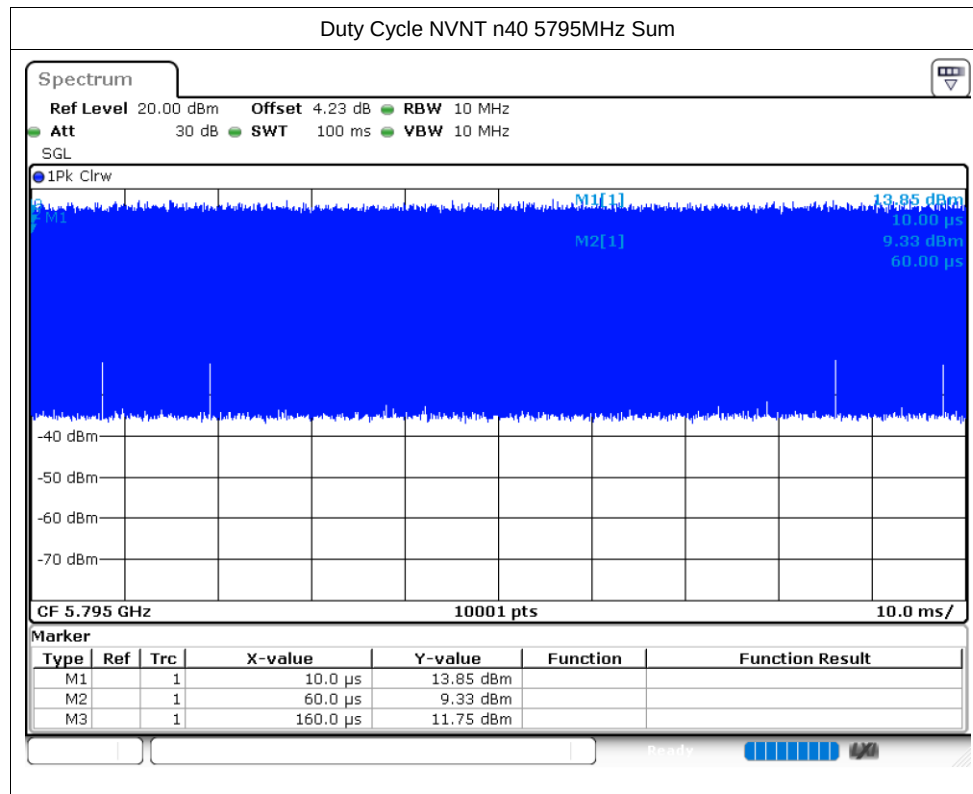












Maximum Conducted Output Power

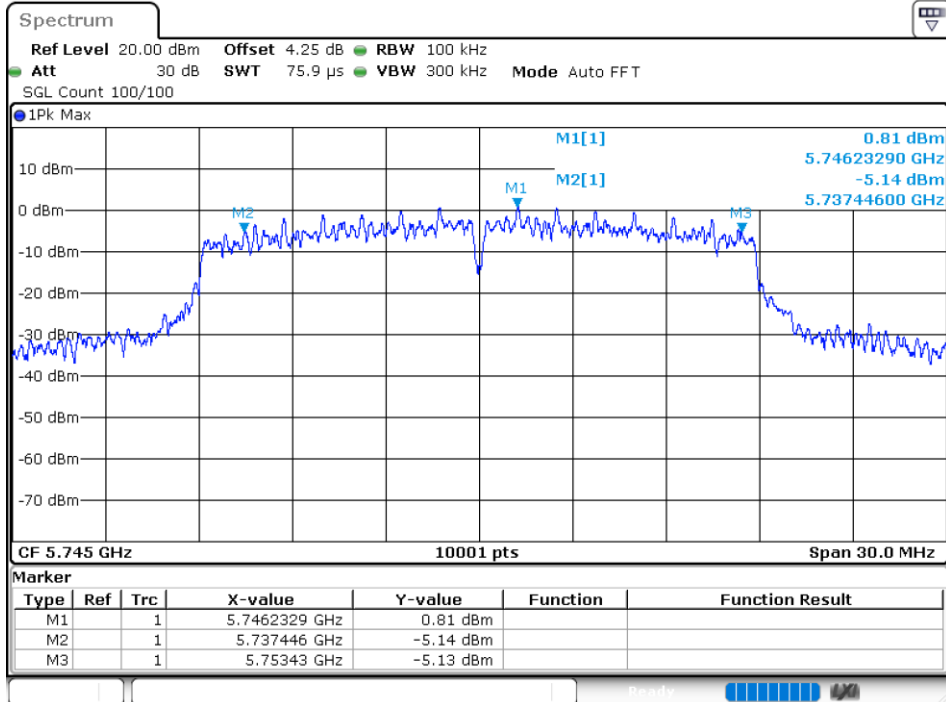
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	11.35	28.05	Pass
NVNT	ac20	5745	Ant2	11.68	28.05	Pass
NVNT	ac20	5745	Sum	14.53	28.05	Pass
NVNT	ac20	5785	Ant1	11.5	28.05	Pass
NVNT	ac20	5785	Ant2	12.05	28.05	Pass
NVNT	ac20	5785	Sum	14.79	28.05	Pass
NVNT	ac20	5825	Ant1	11.81	28.05	Pass
NVNT	ac20	5825	Ant2	12.35	28.05	Pass
NVNT	ac20	5825	Sum	15.1	28.05	Pass
NVNT	ac40	5755	Ant1	11.31	28.05	Pass
NVNT	ac40	5755	Ant2	11.61	28.05	Pass
NVNT	ac40	5755	Sum	14.47	28.05	Pass
NVNT	ac40	5795	Ant1	11.53	28.05	Pass
NVNT	ac40	5795	Ant2	11.86	28.05	Pass
NVNT	ac40	5795	Sum	14.71	28.05	Pass
NVNT	ac80	5775	Ant1	11.48	28.05	Pass
NVNT	ac80	5775	Ant2	11.71	28.05	Pass
NVNT	ac80	5775	Sum	14.61	28.05	Pass
NVNT	n20	5745	Ant1	11.39	28.05	Pass
NVNT	n20	5745	Ant2	11.75	28.05	Pass
NVNT	n20	5745	Sum	14.58	28.05	Pass
NVNT	n20	5785	Ant1	11.63	28.05	Pass
NVNT	n20	5785	Ant2	11.87	28.05	Pass
NVNT	n20	5785	Sum	14.76	28.05	Pass
NVNT	n20	5825	Ant1	11.67	28.05	Pass
NVNT	n20	5825	Ant2	12.29	28.05	Pass
NVNT	n20	5825	Sum	15	28.05	Pass
NVNT	n40	5755	Ant1	11.29	28.05	Pass
NVNT	n40	5755	Ant2	11.7	28.05	Pass
NVNT	n40	5755	Sum	14.51	28.05	Pass
NVNT	n40	5795	Ant1	11.58	28.05	Pass
NVNT	n40	5795	Ant2	11.92	28.05	Pass
NVNT	n40	5795	Sum	14.76	28.05	Pass

-6dB Bandwidth

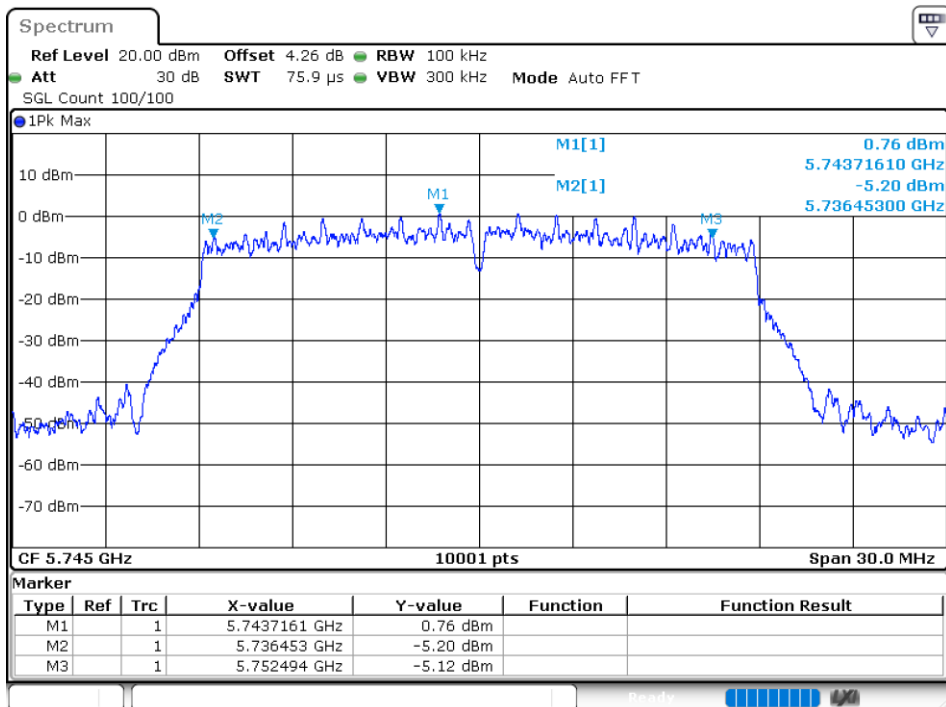
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5745	Ant1	15.984	0.5	Pass
NVNT	ac20	5745	Ant2	16.041	0.5	Pass
NVNT	ac20	5785	Ant1	15.852	0.5	Pass
NVNT	ac20	5785	Ant2	17.157	0.5	Pass
NVNT	ac20	5825	Ant1	15.915	0.5	Pass
NVNT	ac20	5825	Ant2	16.341	0.5	Pass
NVNT	ac40	5755	Ant1	35.088	0.5	Pass
NVNT	ac40	5755	Ant2	35.076	0.5	Pass
NVNT	ac40	5795	Ant1	35.088	0.5	Pass
NVNT	ac40	5795	Ant2	35.028	0.5	Pass
NVNT	ac80	5775	Ant1	73.848	0.5	Pass
NVNT	ac80	5775	Ant2	75.084	0.5	Pass
NVNT	n20	5745	Ant1	15.126	0.5	Pass
NVNT	n20	5745	Ant2	14.112	0.5	Pass
NVNT	n20	5785	Ant1	15.642	0.5	Pass
NVNT	n20	5785	Ant2	14.031	0.5	Pass
NVNT	n20	5825	Ant1	16.287	0.5	Pass
NVNT	n20	5825	Ant2	15.978	0.5	Pass
NVNT	n40	5755	Ant1	35.082	0.5	Pass
NVNT	n40	5755	Ant2	35.04	0.5	Pass
NVNT	n40	5795	Ant1	35.064	0.5	Pass
NVNT	n40	5795	Ant2	35.076	0.5	Pass

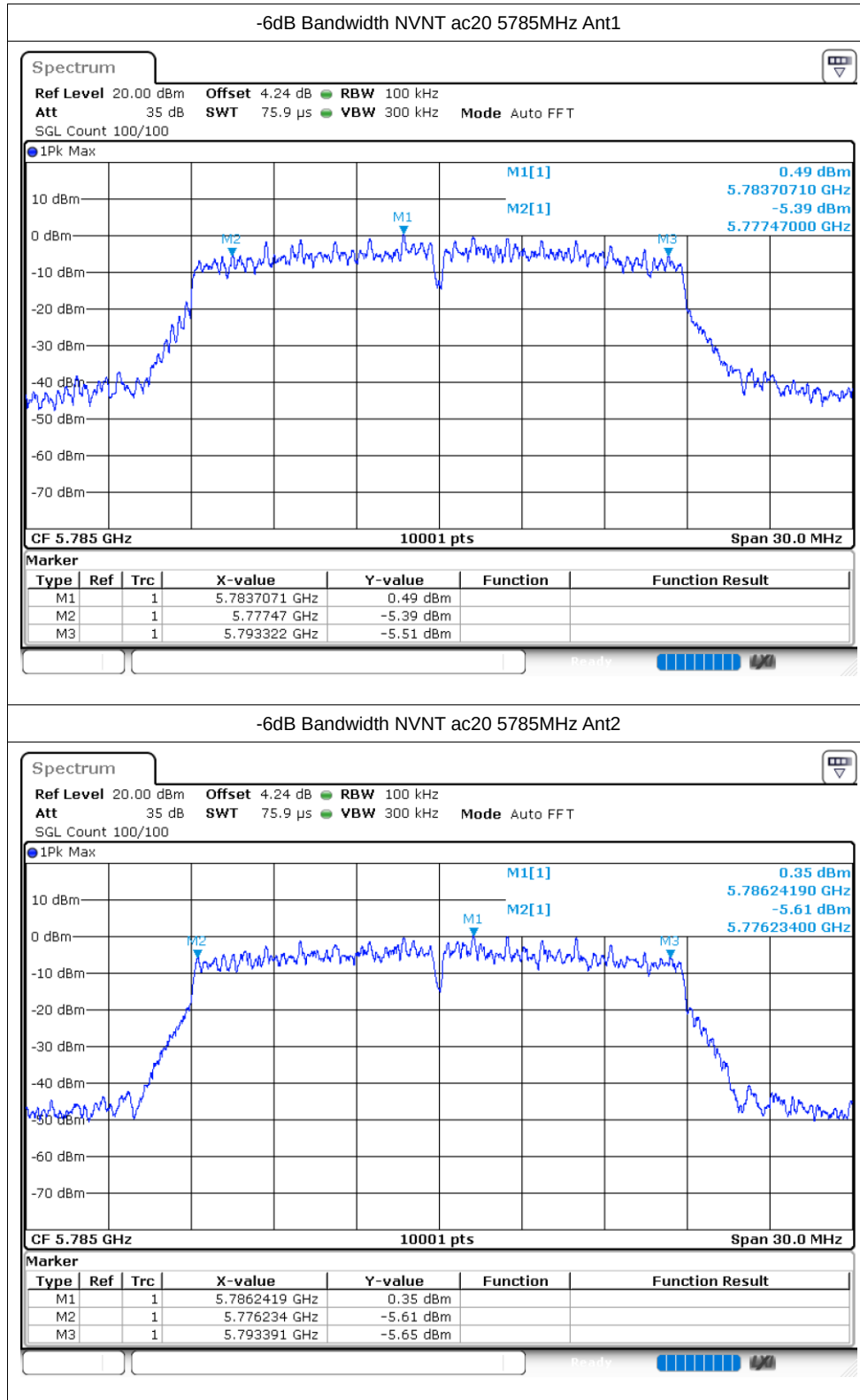
Test Graphs

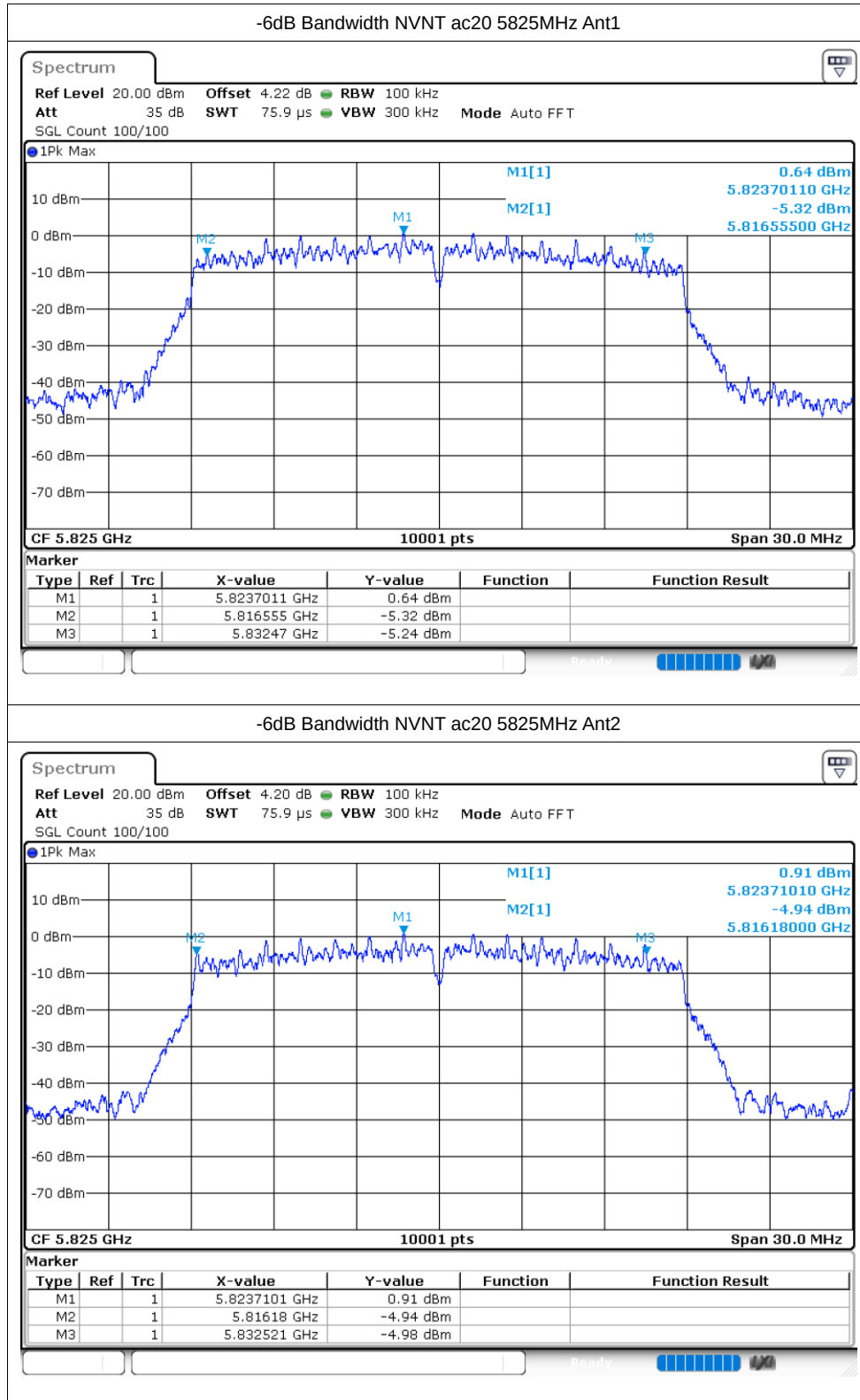
-6dB Bandwidth NVNT ac20 5745MHz Ant1

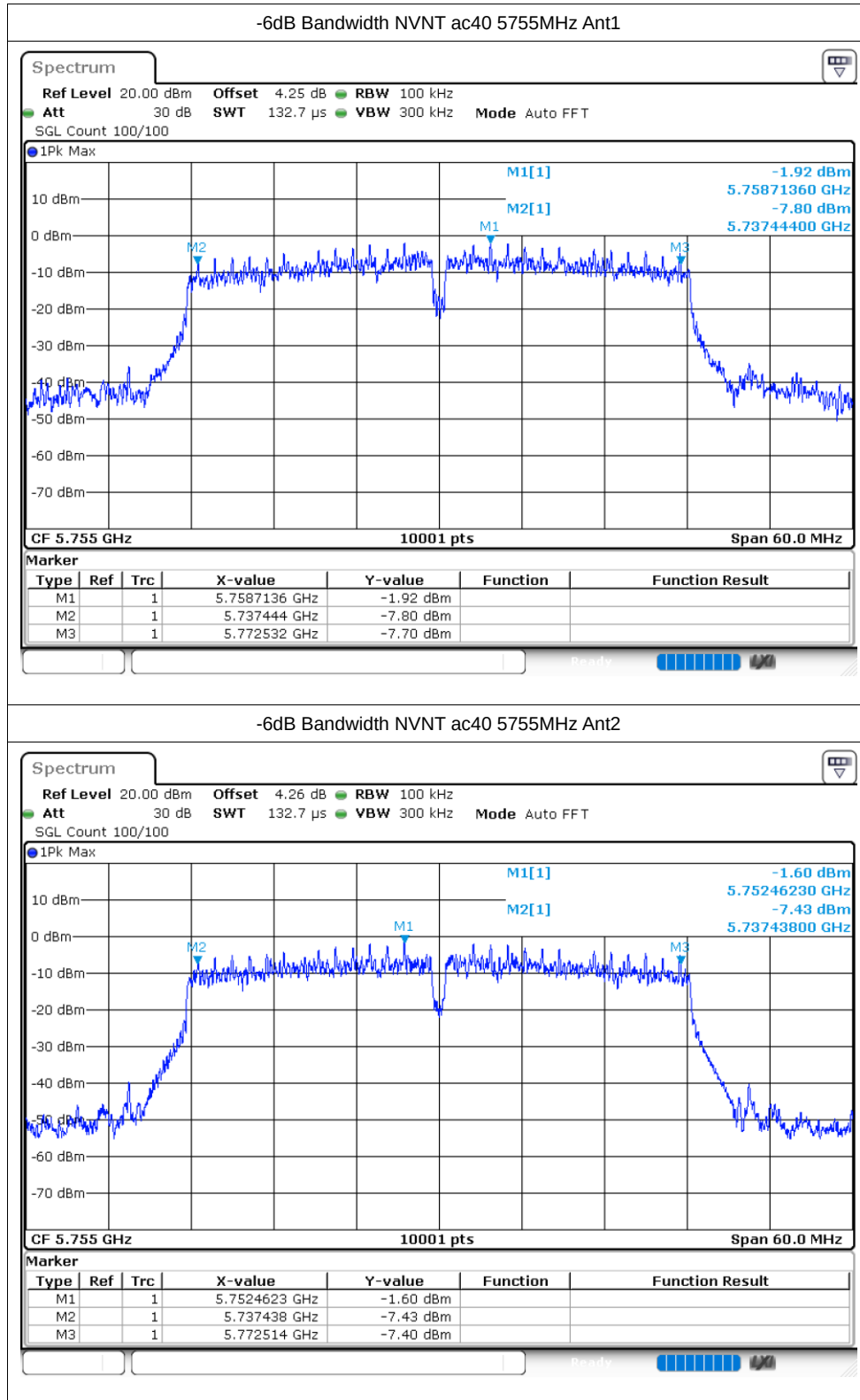


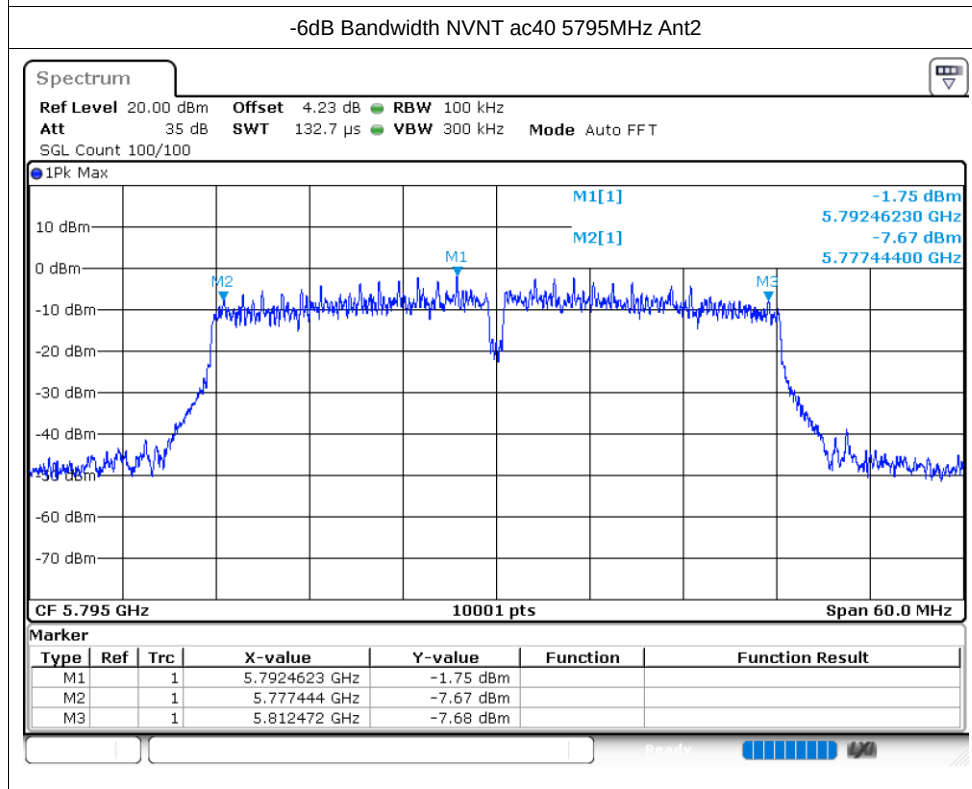
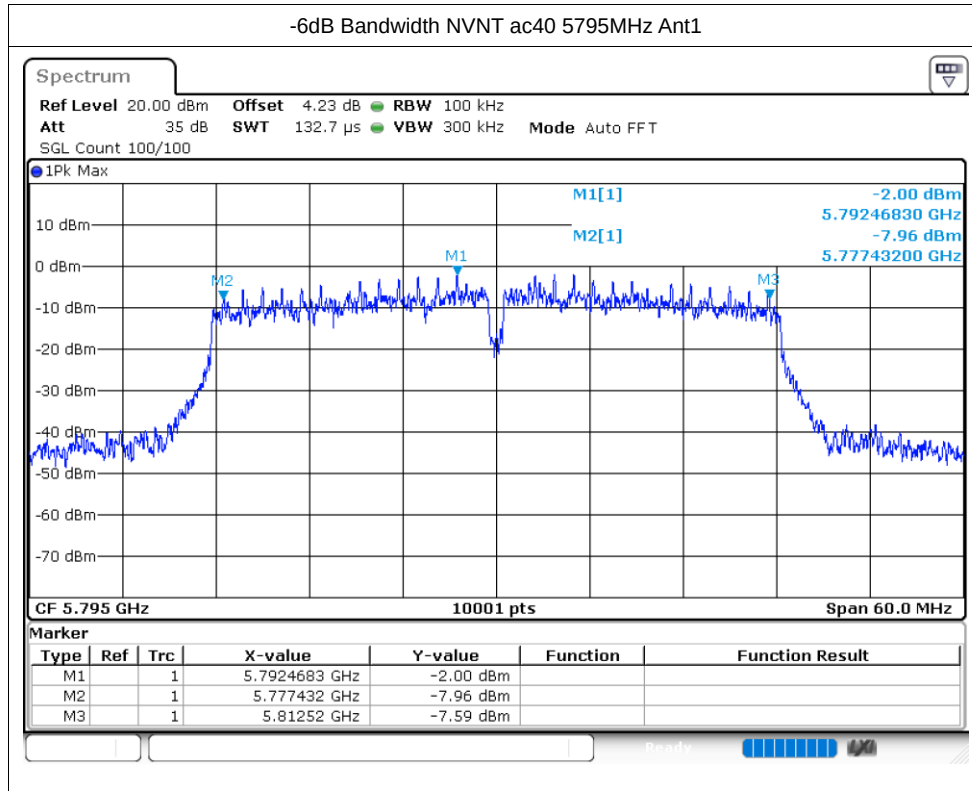
-6dB Bandwidth NVNT ac20 5745MHz Ant2

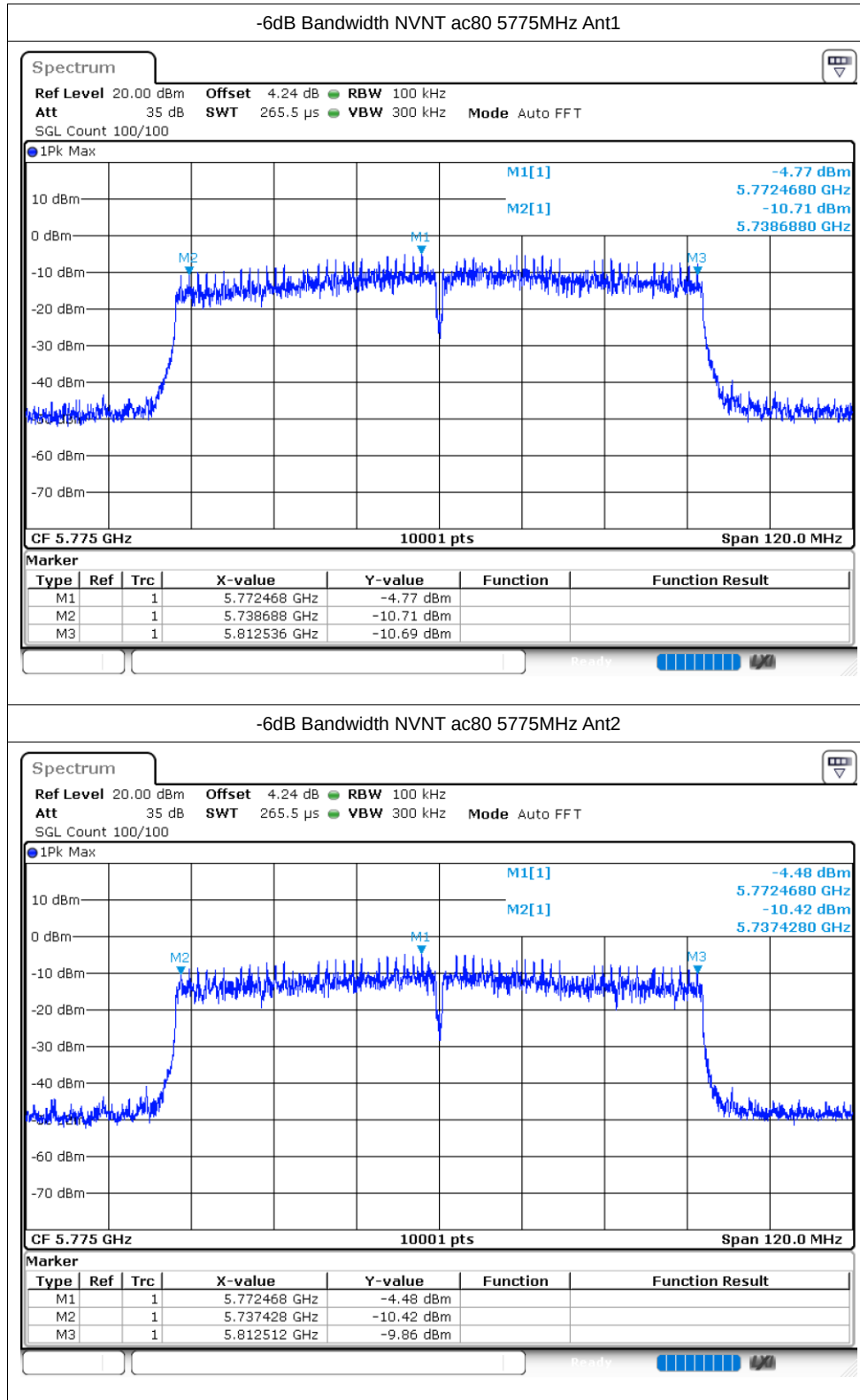










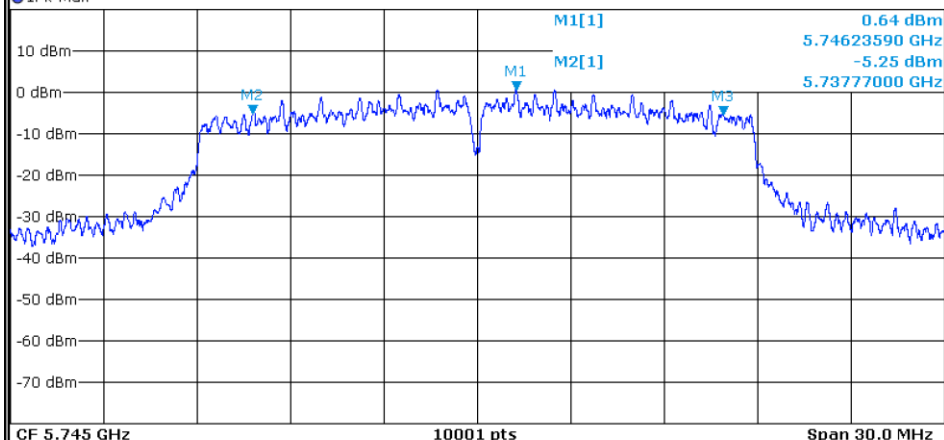


-6dB Bandwidth NVNT n20 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 35 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

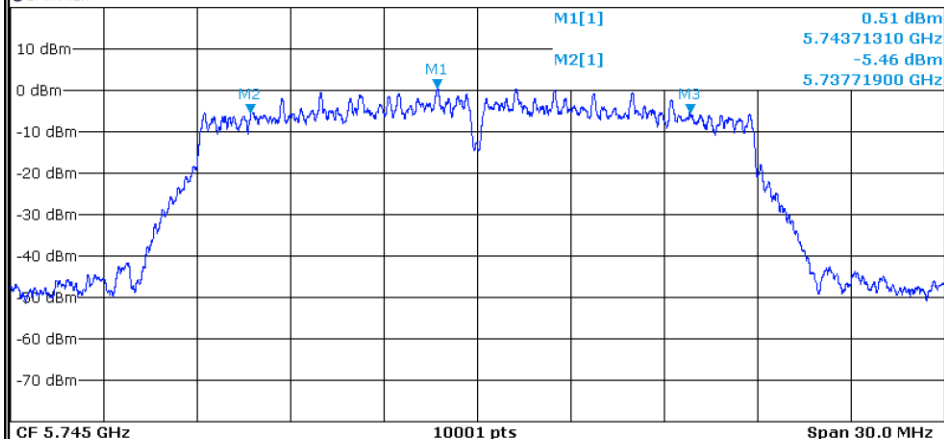


-6dB Bandwidth NVNT n20 5745MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 100 kHz
Att 35 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

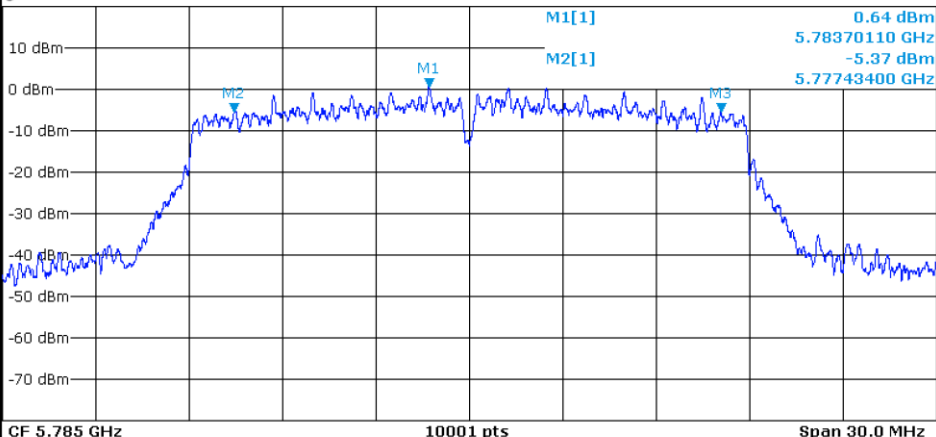


-6dB Bandwidth NVNT n20 5785MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

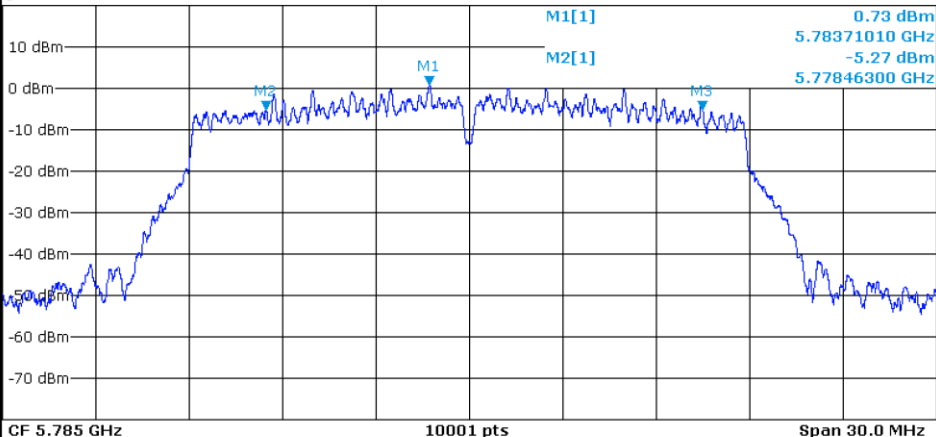
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7837011 GHz	0.64 dBm		
M2		1	5.777434 GHz	-5.37 dBm		
M3		1	5.793076 GHz	-5.35 dBm		

-6dB Bandwidth NVNT n20 5785MHz Ant2

Spectrum

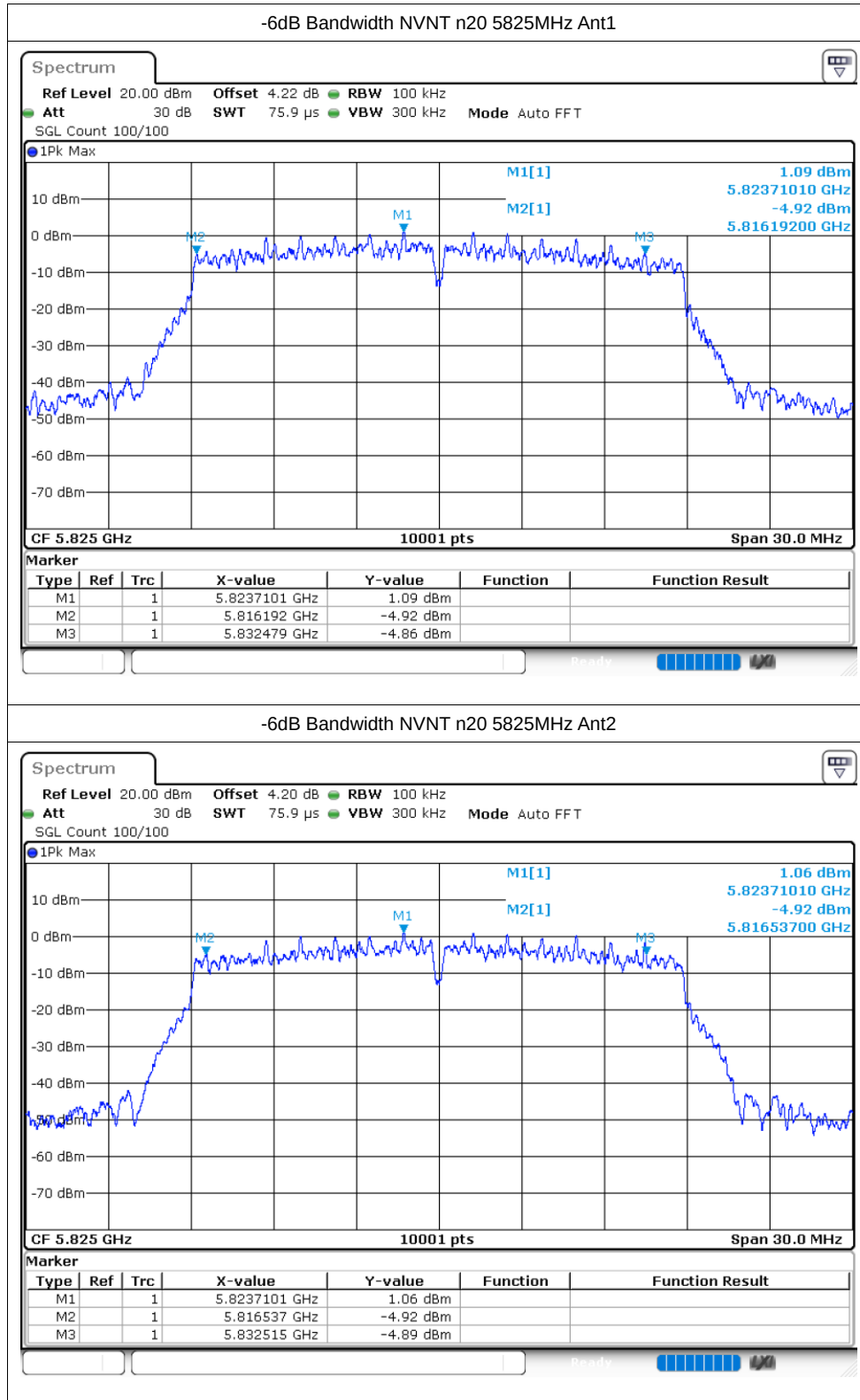
Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7837101 GHz	0.73 dBm		
M2		1	5.778463 GHz	-5.27 dBm		
M3		1	5.792494 GHz	-5.28 dBm		

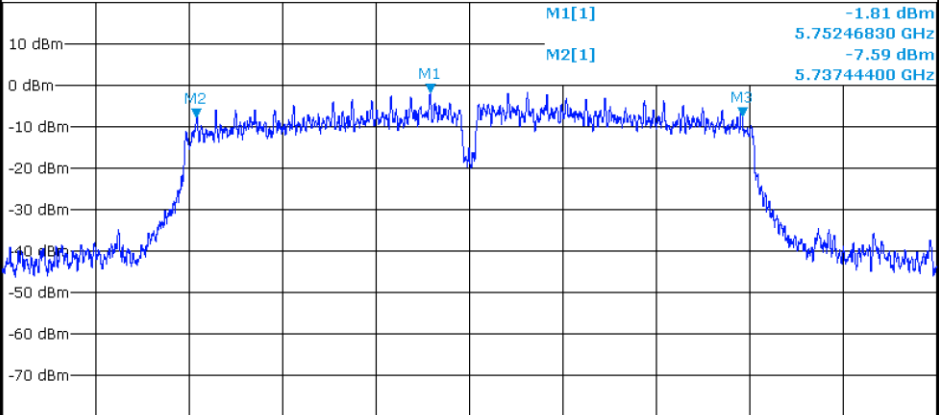


-6dB Bandwidth NVNT n40 5755MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 35 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.755 GHz

10001 pts

Span 60.0 MHz

Marker

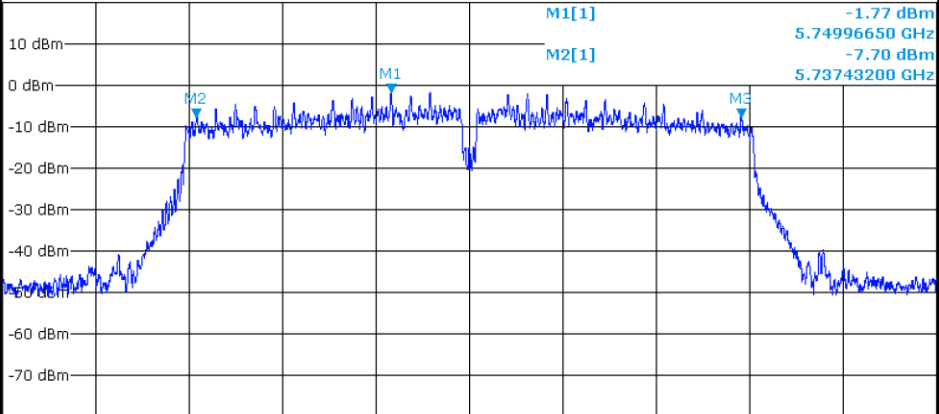
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7524683 GHz	-1.81 dBm		
M2		1	5.737444 GHz	-7.59 dBm		
M3		1	5.772526 GHz	-7.40 dBm		

-6dB Bandwidth NVNT n40 5755MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 100 kHz
Att 35 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.755 GHz

10001 pts

Span 60.0 MHz

Marker

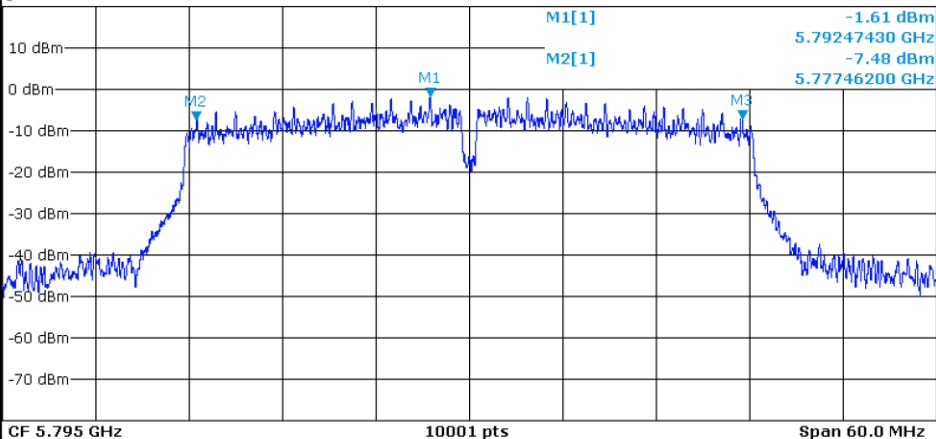
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7499665 GHz	-1.77 dBm		
M2		1	5.737432 GHz	-7.70 dBm		
M3		1	5.772472 GHz	-7.58 dBm		

-6dB Bandwidth NVNT n40 5795MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 30 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

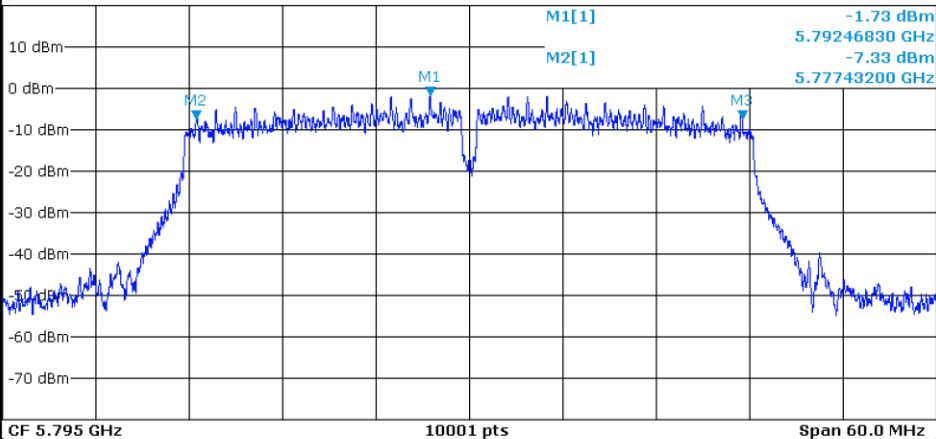
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7924743 GHz	-1.61 dBm		
M2	1	1	5.777462 GHz	-7.48 dBm		
M3	1	1	5.812526 GHz	-7.19 dBm		

-6dB Bandwidth NVNT n40 5795MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 30 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

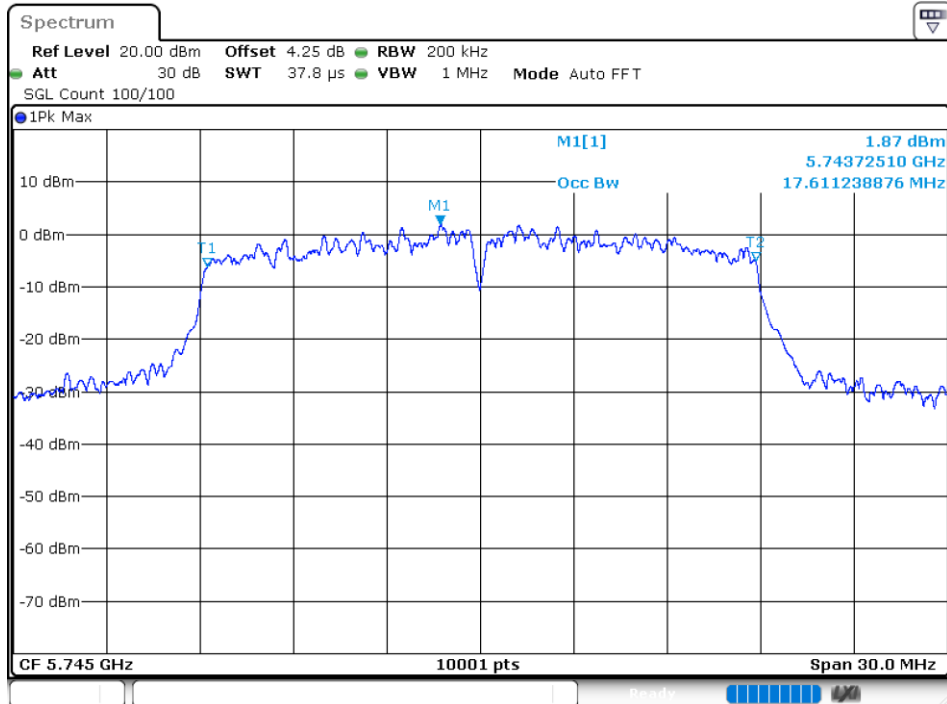
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7924683 GHz	-1.73 dBm		
M2	1	1	5.777432 GHz	-7.33 dBm		
M3	1	1	5.812508 GHz	-7.56 dBm		

Occupied Channel Bandwidth

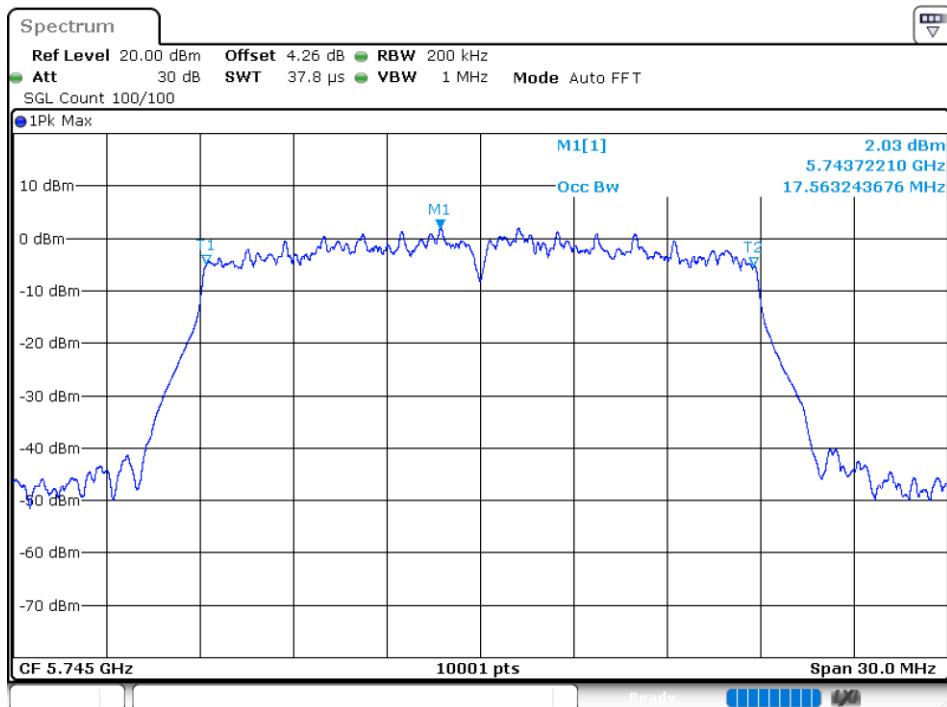
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5745	Ant1	17.611
NVNT	ac20	5745	Ant2	17.563
NVNT	ac20	5785	Ant1	17.518
NVNT	ac20	5785	Ant2	17.476
NVNT	ac20	5825	Ant1	17.485
NVNT	ac20	5825	Ant2	17.509
NVNT	ac40	5755	Ant1	35.978
NVNT	ac40	5755	Ant2	35.918
NVNT	ac40	5795	Ant1	36.014
NVNT	ac40	5795	Ant2	35.948
NVNT	ac80	5775	Ant1	75.388
NVNT	ac80	5775	Ant2	75.484
NVNT	n20	5745	Ant1	17.683
NVNT	n20	5745	Ant2	17.542
NVNT	n20	5785	Ant1	17.59
NVNT	n20	5785	Ant2	17.539
NVNT	n20	5825	Ant1	17.497
NVNT	n20	5825	Ant2	17.524
NVNT	n40	5755	Ant1	35.996
NVNT	n40	5755	Ant2	36.02
NVNT	n40	5795	Ant1	36.002
NVNT	n40	5795	Ant2	36.044

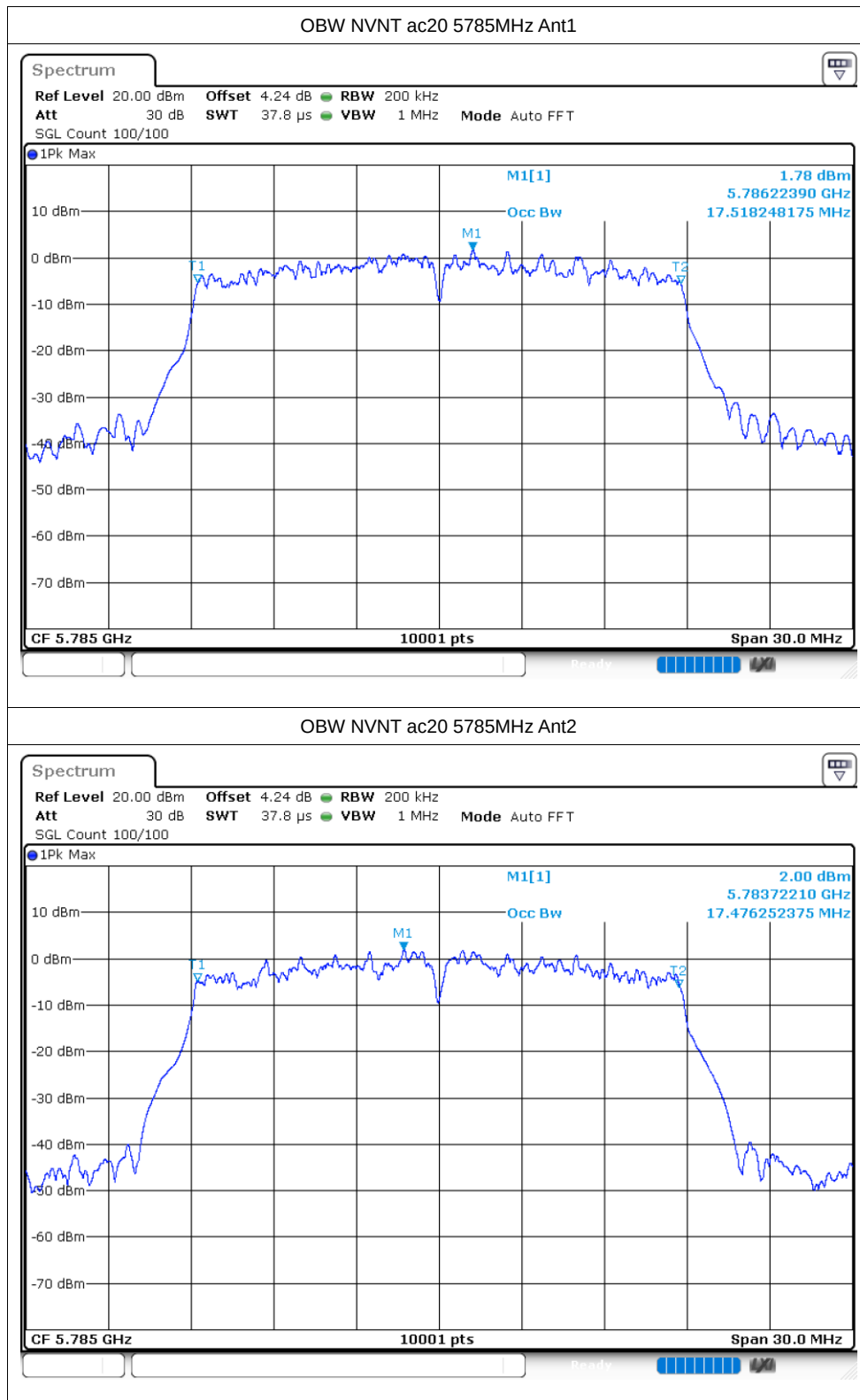
Test Graphs

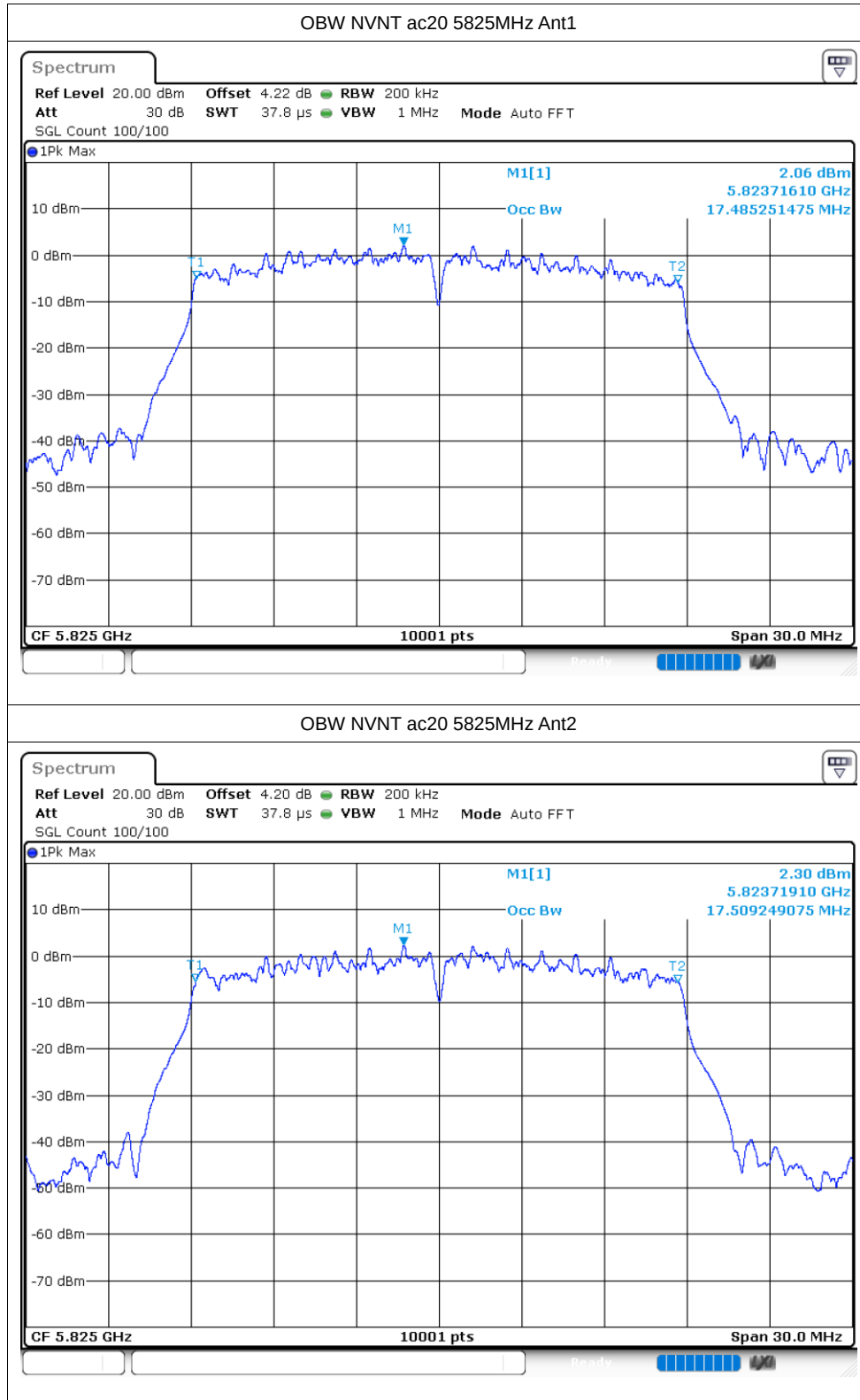
OBW NVNT ac20 5745MHz Ant1

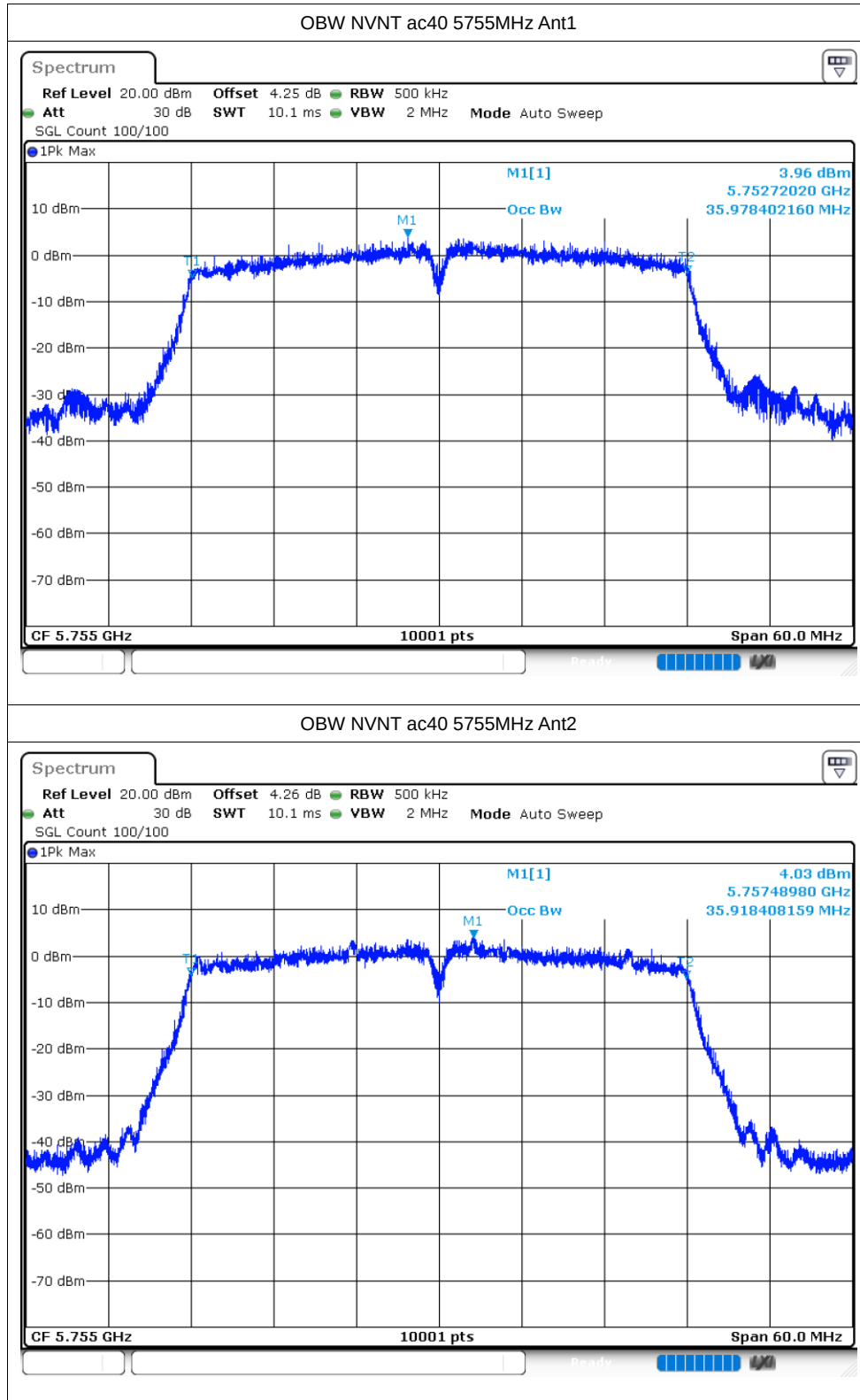


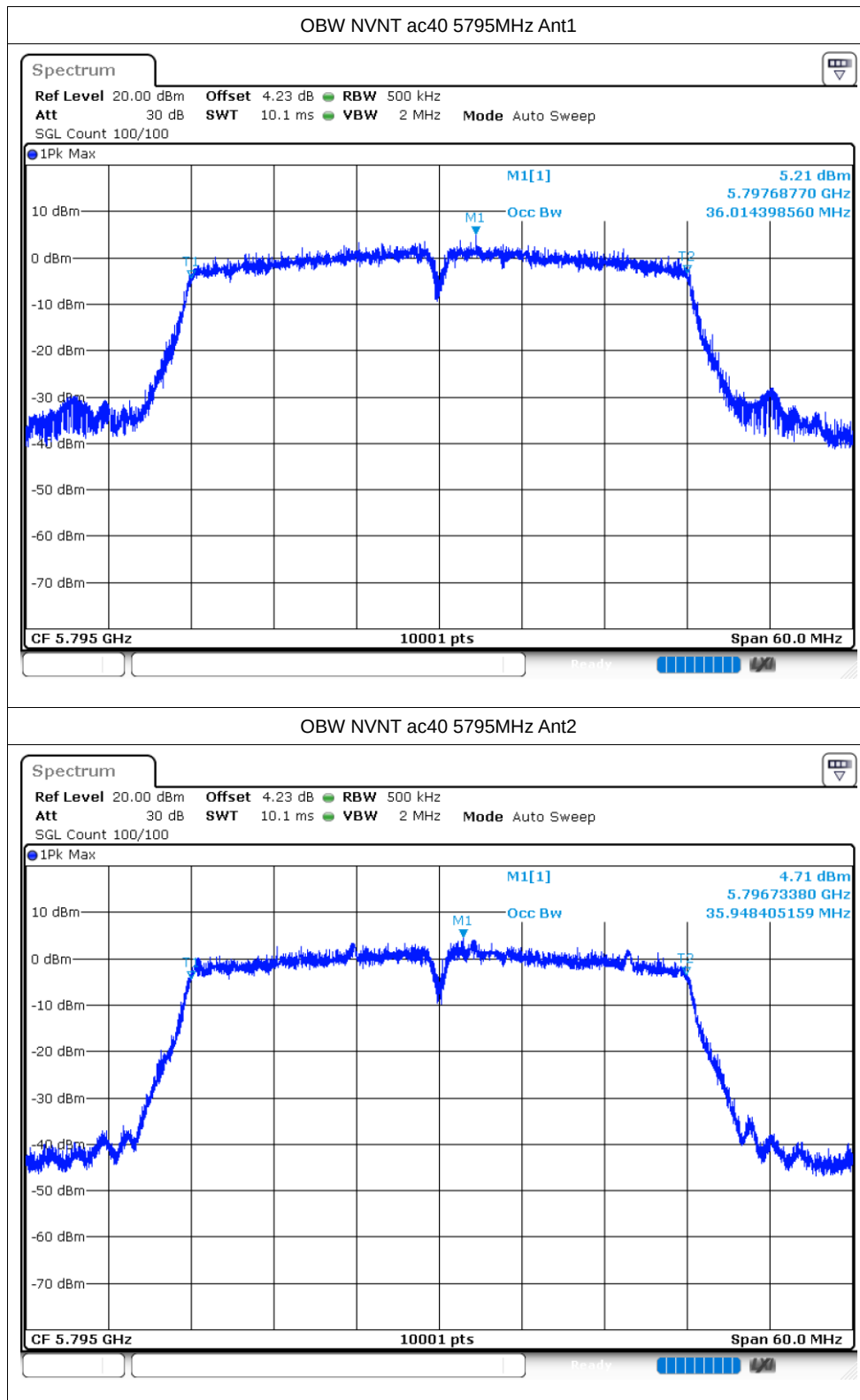
OBW NVNT ac20 5745MHz Ant2

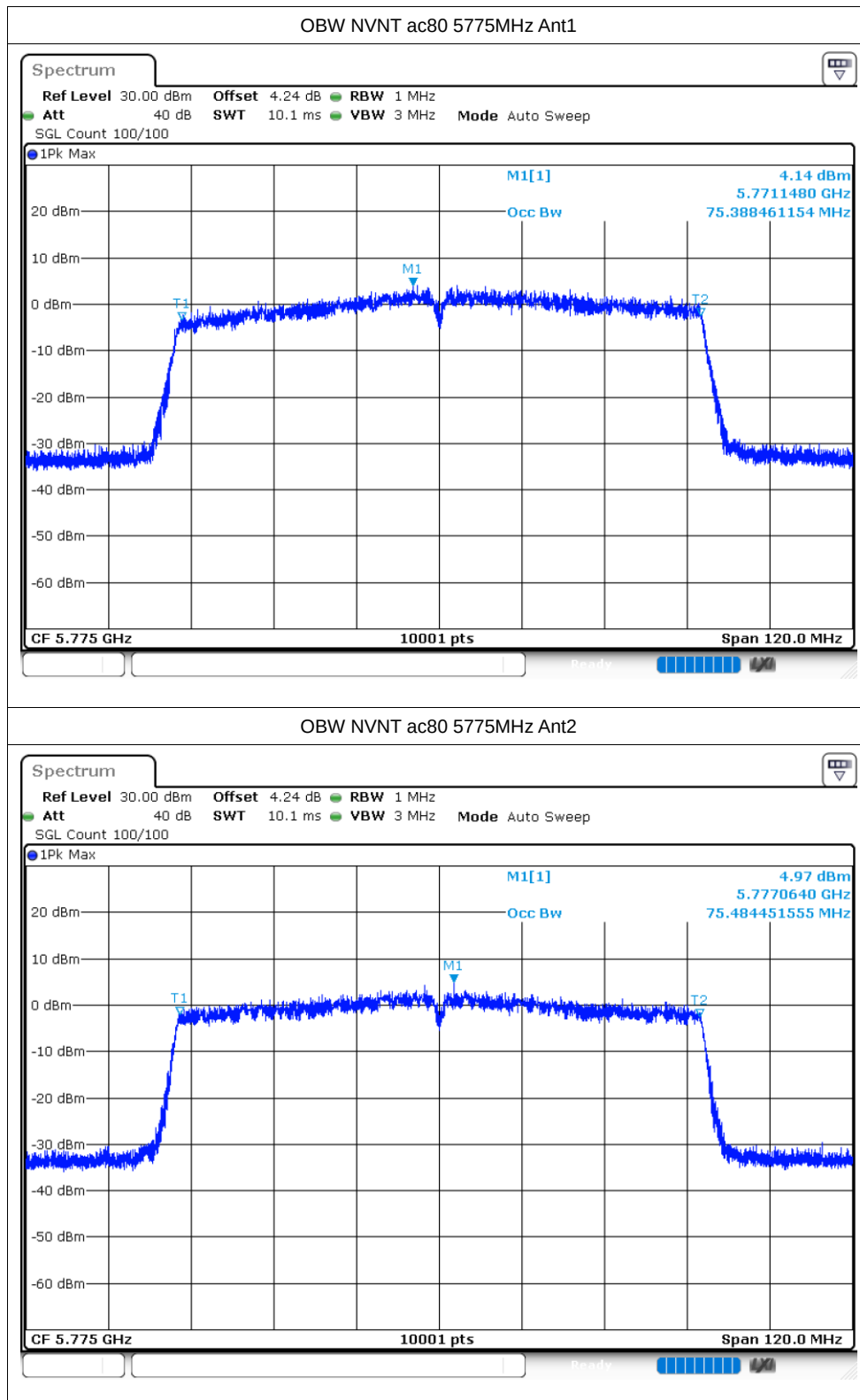


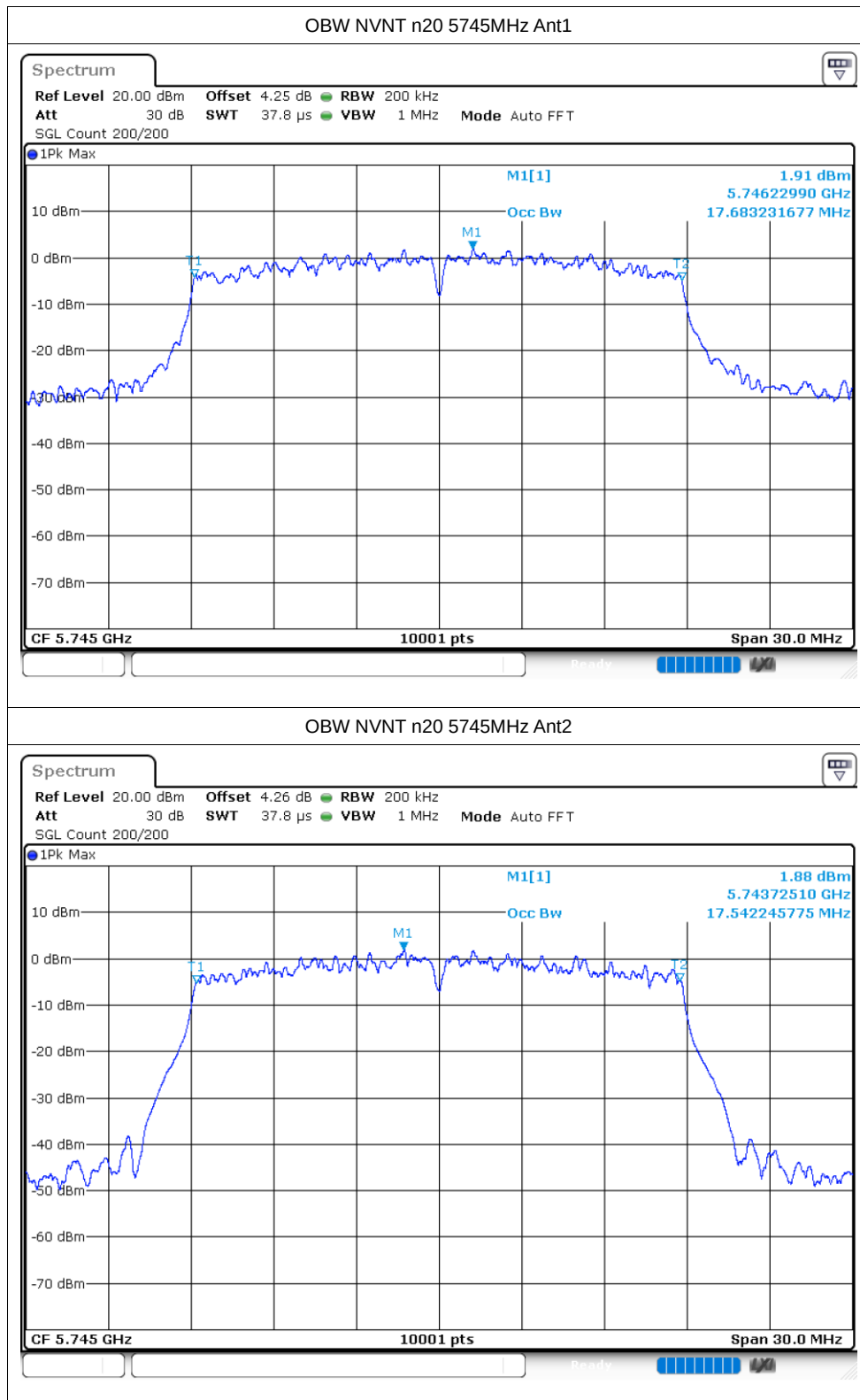


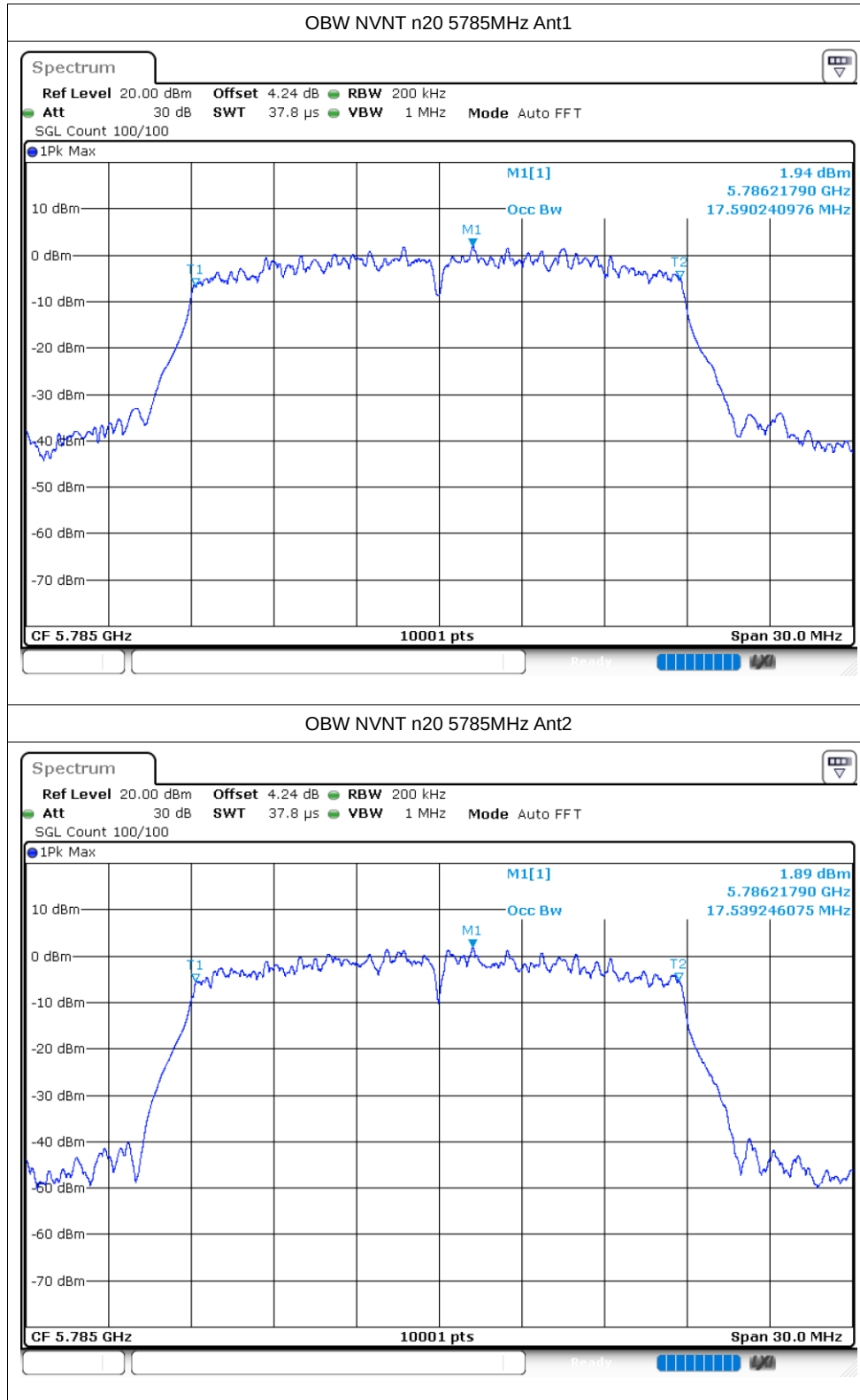


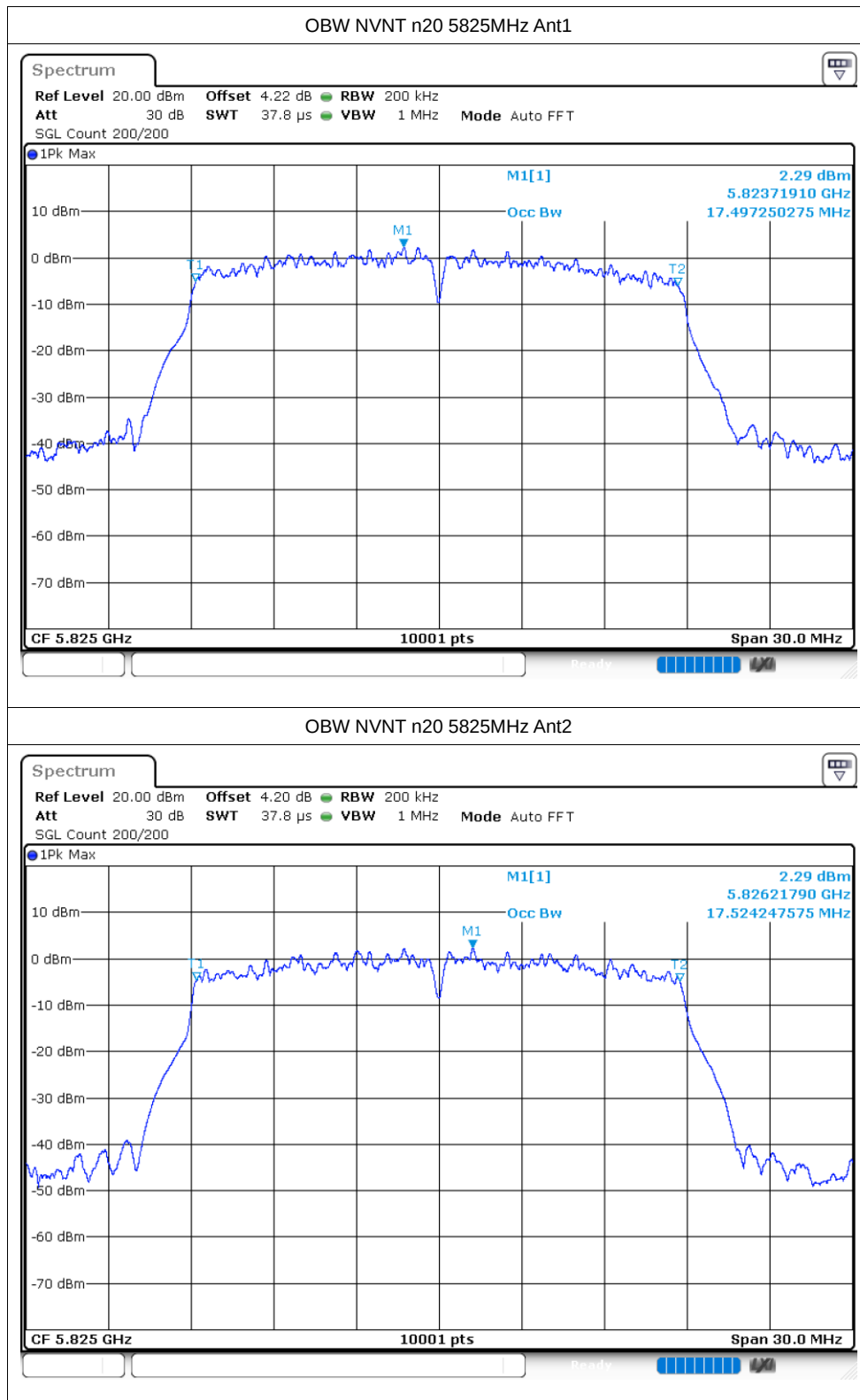


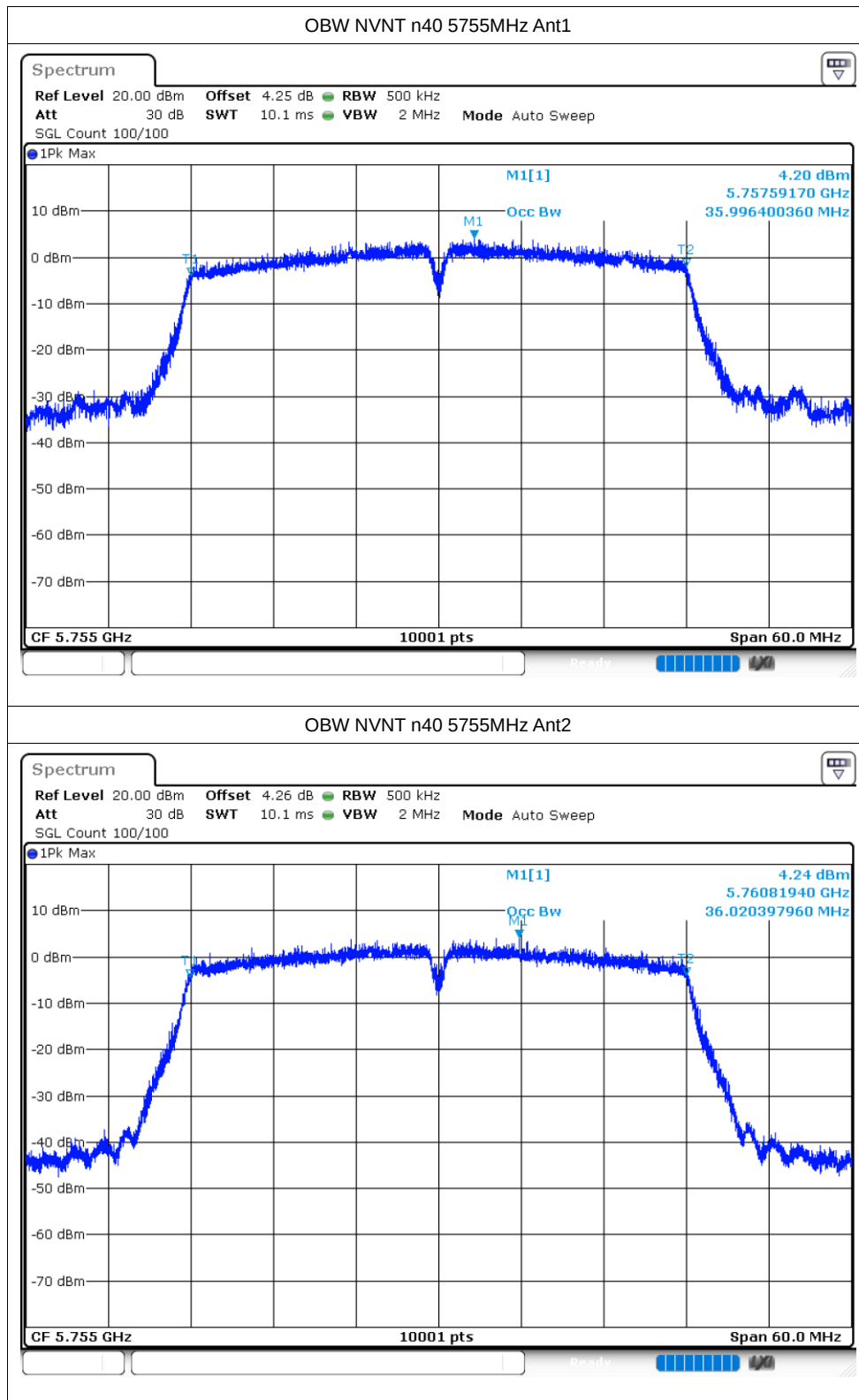


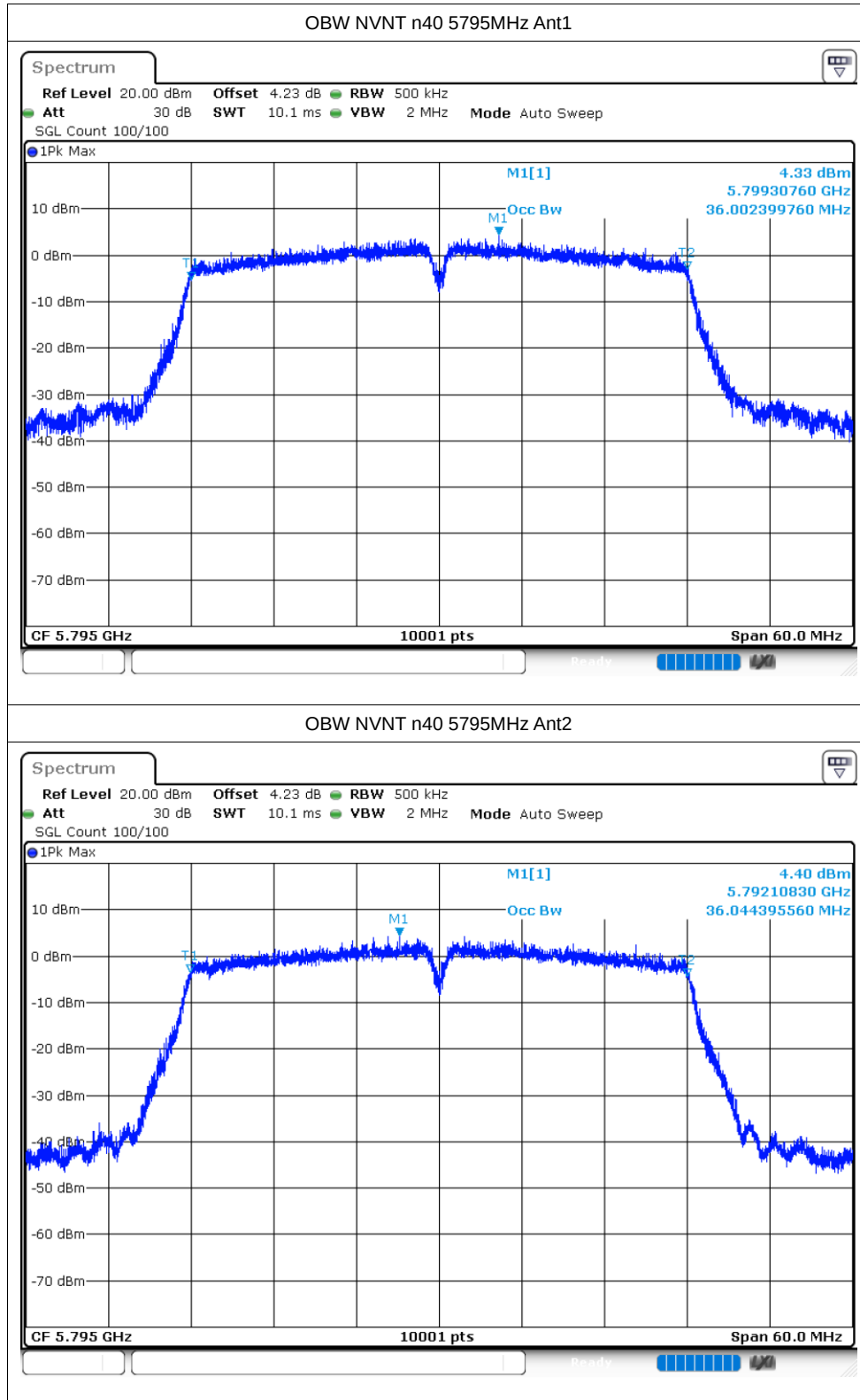










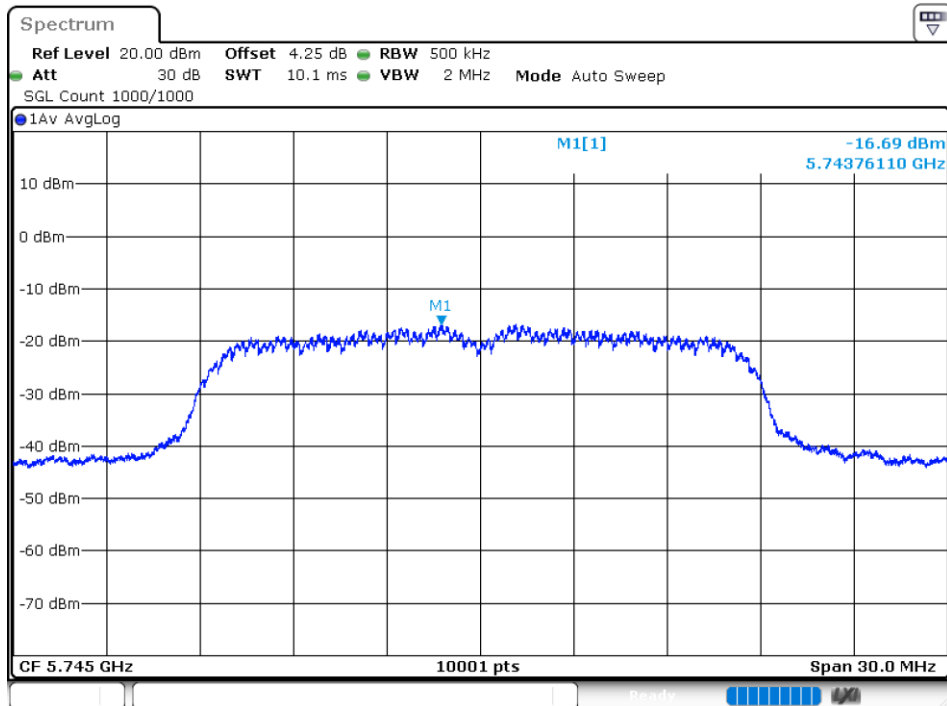


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-16.69	1.12	-15.57	28.05	Pass
NVNT	ac20	5745	Ant2	-17.39	1.12	-16.27	28.05	Pass
NVNT	ac20	5745	Sum	-14.02	1.12	-12.9	28.05	Pass
NVNT	ac20	5785	Ant1	-15.53	1.12	-14.41	28.05	Pass
NVNT	ac20	5785	Ant2	-14.84	1.12	-13.72	28.05	Pass
NVNT	ac20	5785	Sum	-12.16	1.12	-11.04	28.05	Pass
NVNT	ac20	5825	Ant1	-14.8	1.12	-13.68	28.05	Pass
NVNT	ac20	5825	Ant2	-14.84	1.12	-13.72	28.05	Pass
NVNT	ac20	5825	Sum	-11.81	1.12	-10.69	28.05	Pass
NVNT	ac40	5755	Ant1	-22.12	1.25	-20.87	28.05	Pass
NVNT	ac40	5755	Ant2	-22.23	1.25	-20.98	28.05	Pass
NVNT	ac40	5755	Sum	-19.16	1.25	-17.91	28.05	Pass
NVNT	ac40	5795	Ant1	-21.03	1.76	-19.27	28.05	Pass
NVNT	ac40	5795	Ant2	-19.7	1.76	-17.94	28.05	Pass
NVNT	ac40	5795	Sum	-17.3	1.76	-15.54	28.05	Pass
NVNT	ac80	5775	Ant1	-25.11	1.7	-23.41	28.05	Pass
NVNT	ac80	5775	Ant2	-24.88	1.7	-23.18	28.05	Pass
NVNT	ac80	5775	Sum	-21.98	1.7	-20.28	28.05	Pass
NVNT	n20	5745	Ant1	-12.43	0.55	-11.88	28.05	Pass
NVNT	n20	5745	Ant2	-12.18	0.55	-11.63	28.05	Pass
NVNT	n20	5745	Sum	-9.29	0.55	-8.74	28.05	Pass
NVNT	n20	5785	Ant1	-10.76	0.04	-10.72	28.05	Pass
NVNT	n20	5785	Ant2	-11.58	0.04	-11.54	28.05	Pass
NVNT	n20	5785	Sum	-8.14	0.04	-8.1	28.05	Pass
NVNT	n20	5825	Ant1	-12.54	0.77	-11.77	28.05	Pass
NVNT	n20	5825	Ant2	-12.86	0.77	-12.09	28.05	Pass
NVNT	n20	5825	Sum	-9.69	0.77	-8.92	28.05	Pass
NVNT	n40	5755	Ant1	-18.1	1.17	-16.93	28.05	Pass
NVNT	n40	5755	Ant2	-18.31	1.17	-17.14	28.05	Pass
NVNT	n40	5755	Sum	-15.19	1.17	-14.02	28.05	Pass
NVNT	n40	5795	Ant1	-19.98	1.09	-18.89	28.05	Pass
NVNT	n40	5795	Ant2	-19.77	1.09	-18.68	28.05	Pass
NVNT	n40	5795	Sum	-16.86	1.09	-15.77	28.05	Pass

Test Graphs

PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5745MHz Ant2

