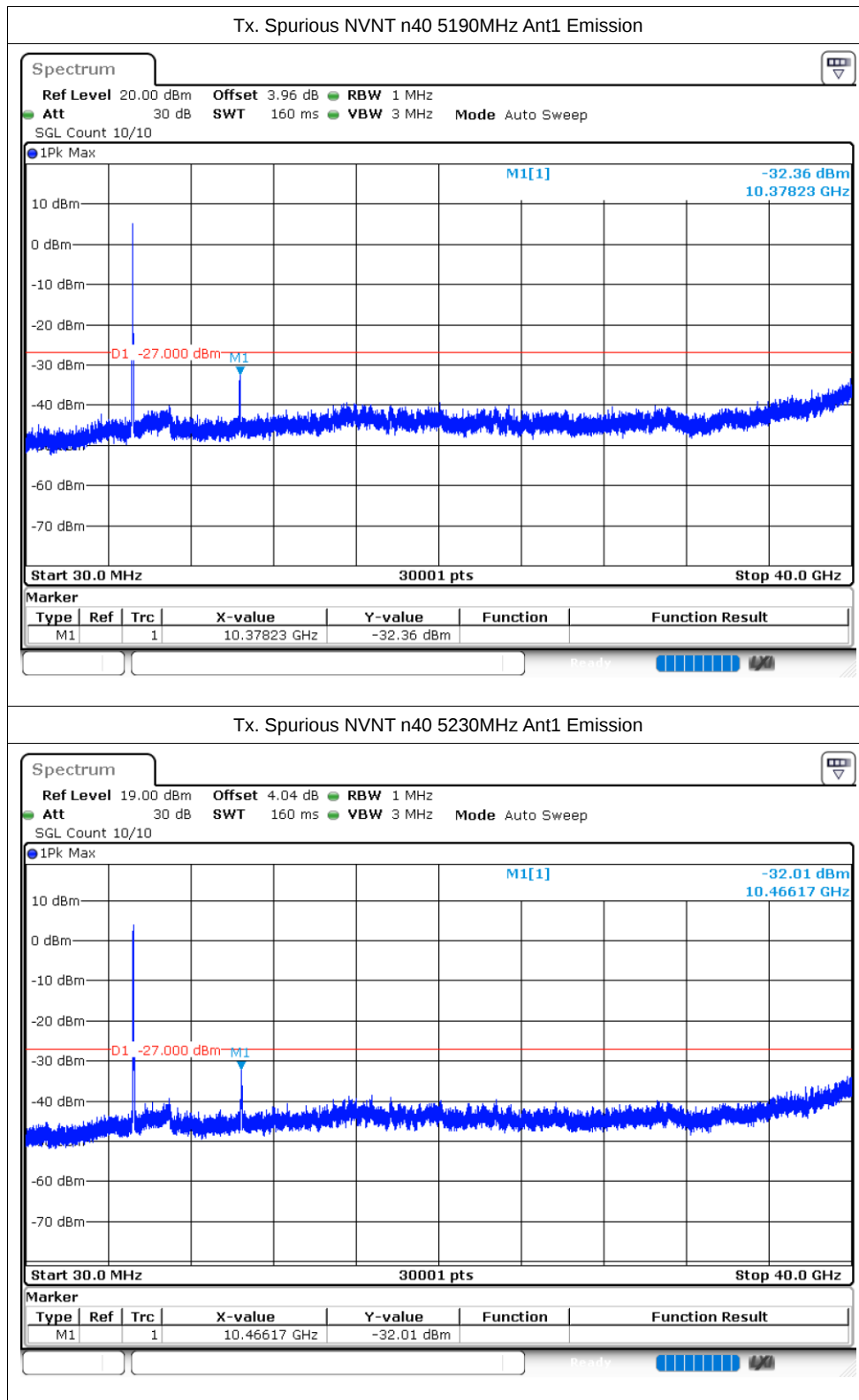
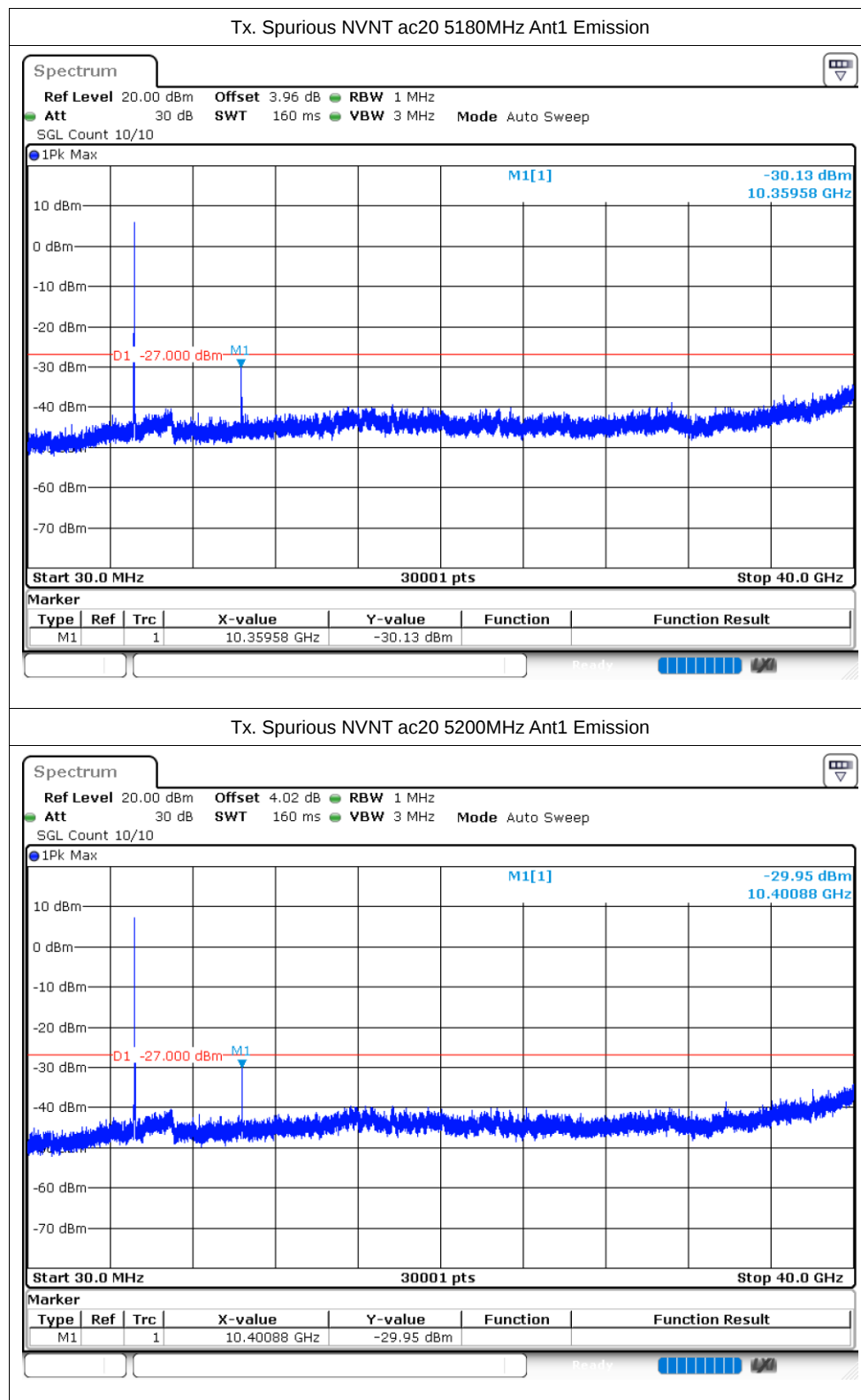
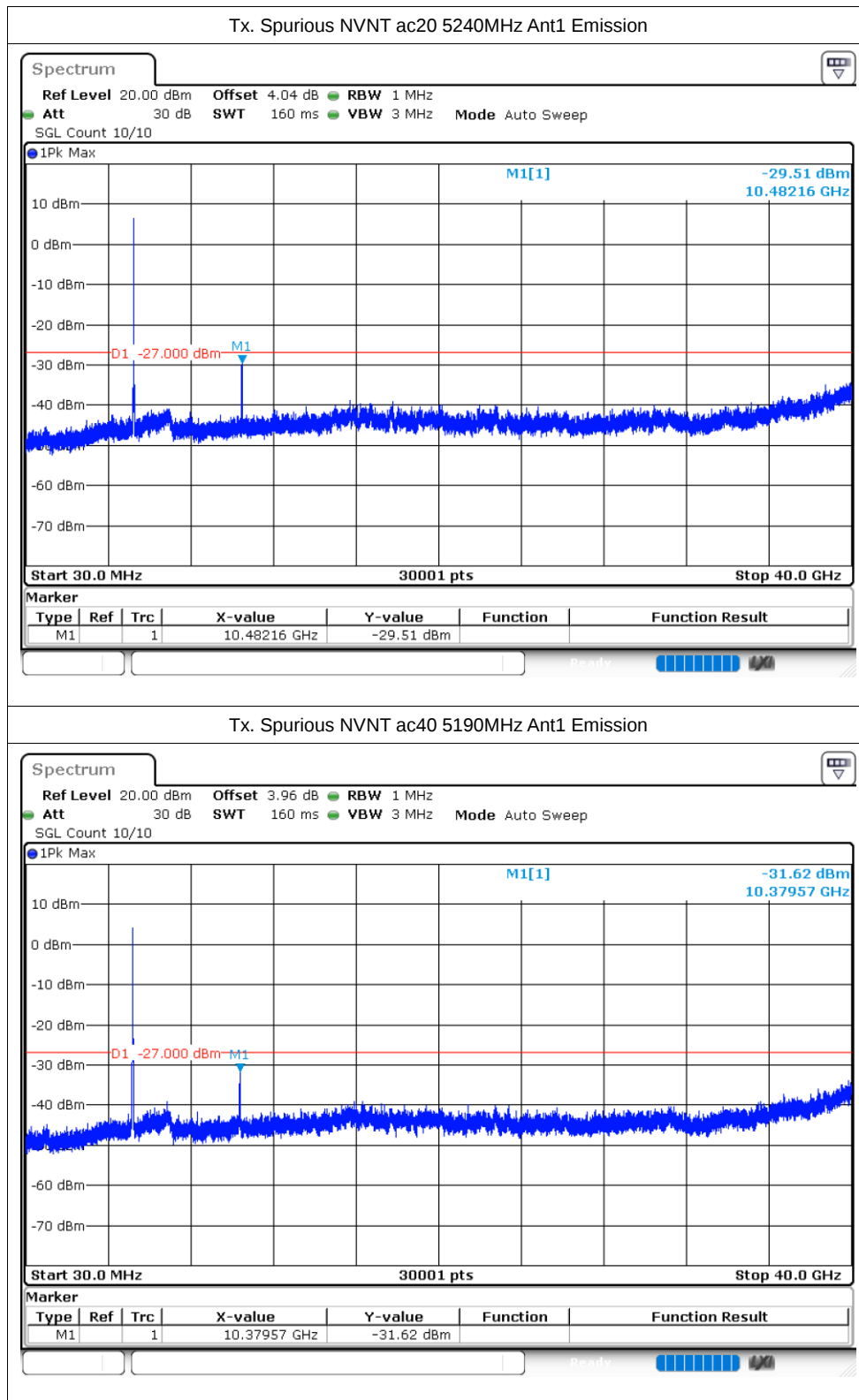
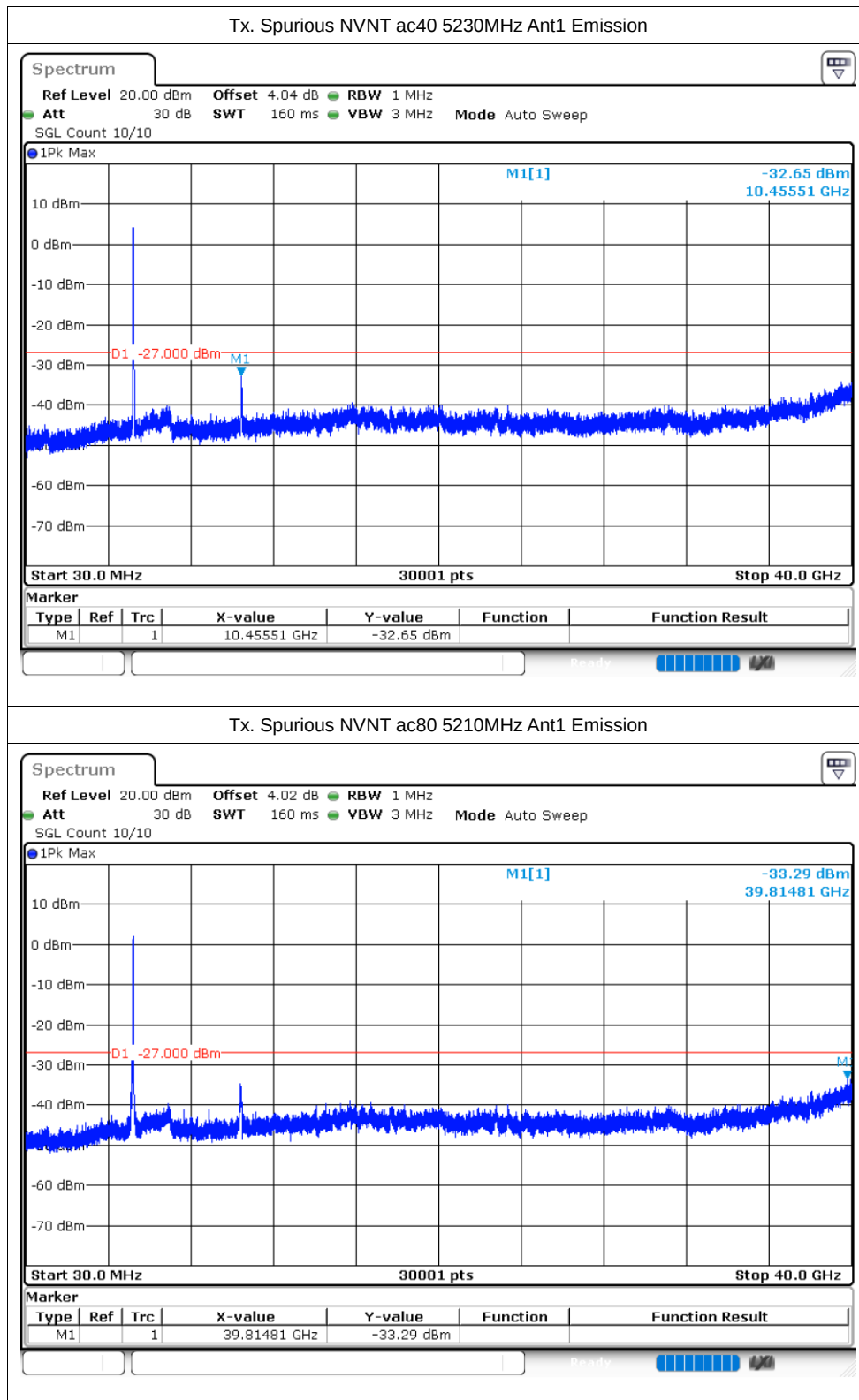










WIFI 5.8G

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	88.66	0.52	0.72
NVNT	a	5785	Ant1	88.79	0.52	0.72
NVNT	a	5825	Ant1	96.71	0.15	∞
NVNT	n20	5745	Ant1	87.16	0.6	0.85
NVNT	n20	5785	Ant1	86.77	0.62	0.85
NVNT	n20	5825	Ant1	96.18	0.17	∞
NVNT	n40	5755	Ant1	90.49	0.43	33.33
NVNT	n40	5795	Ant1	92.75	0.33	25
NVNT	ac20	5745	Ant1	87.22	0.59	0.84
NVNT	ac20	5785	Ant1	87.36	0.59	0.85
NVNT	ac20	5825	Ant1	87.28	0.59	0.85
NVNT	ac40	5755	Ant1	76.69	1.15	1.69
NVNT	ac40	5795	Ant1	76.76	1.15	1.69
NVNT	ac80	5775	Ant1	63.76	1.95	3.33

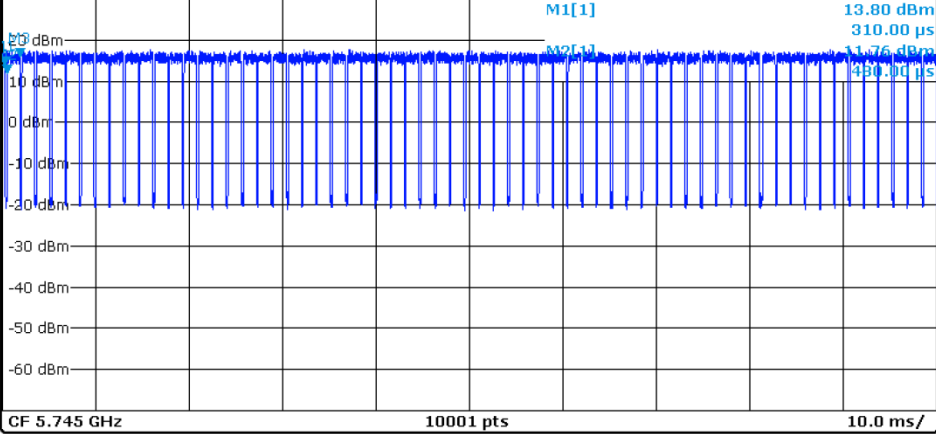
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.25 dB RBW 10 MHz
 Att 45 dB SWT 100 ms VBW 10 MHz
 SGL

1Pk Clrw



Marker

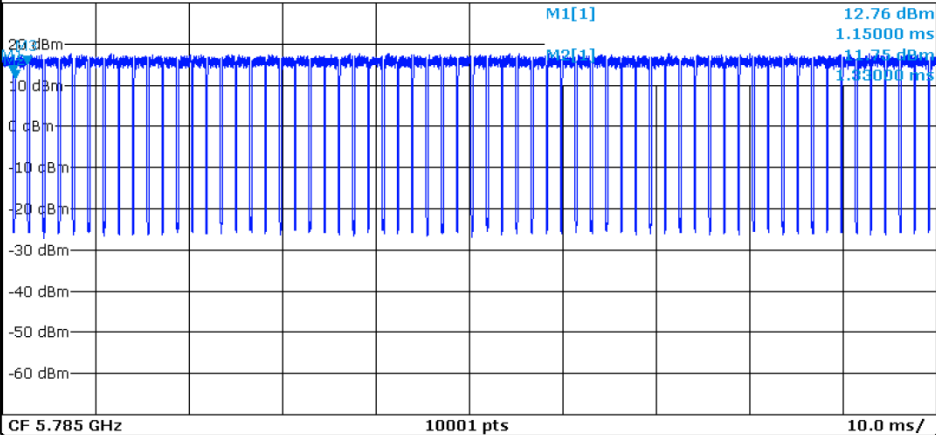
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		310.0 μ s	13.80 dBm		
M2	1		480.0 μ s	11.76 dBm		
M3	1		1.87 ms	15.80 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

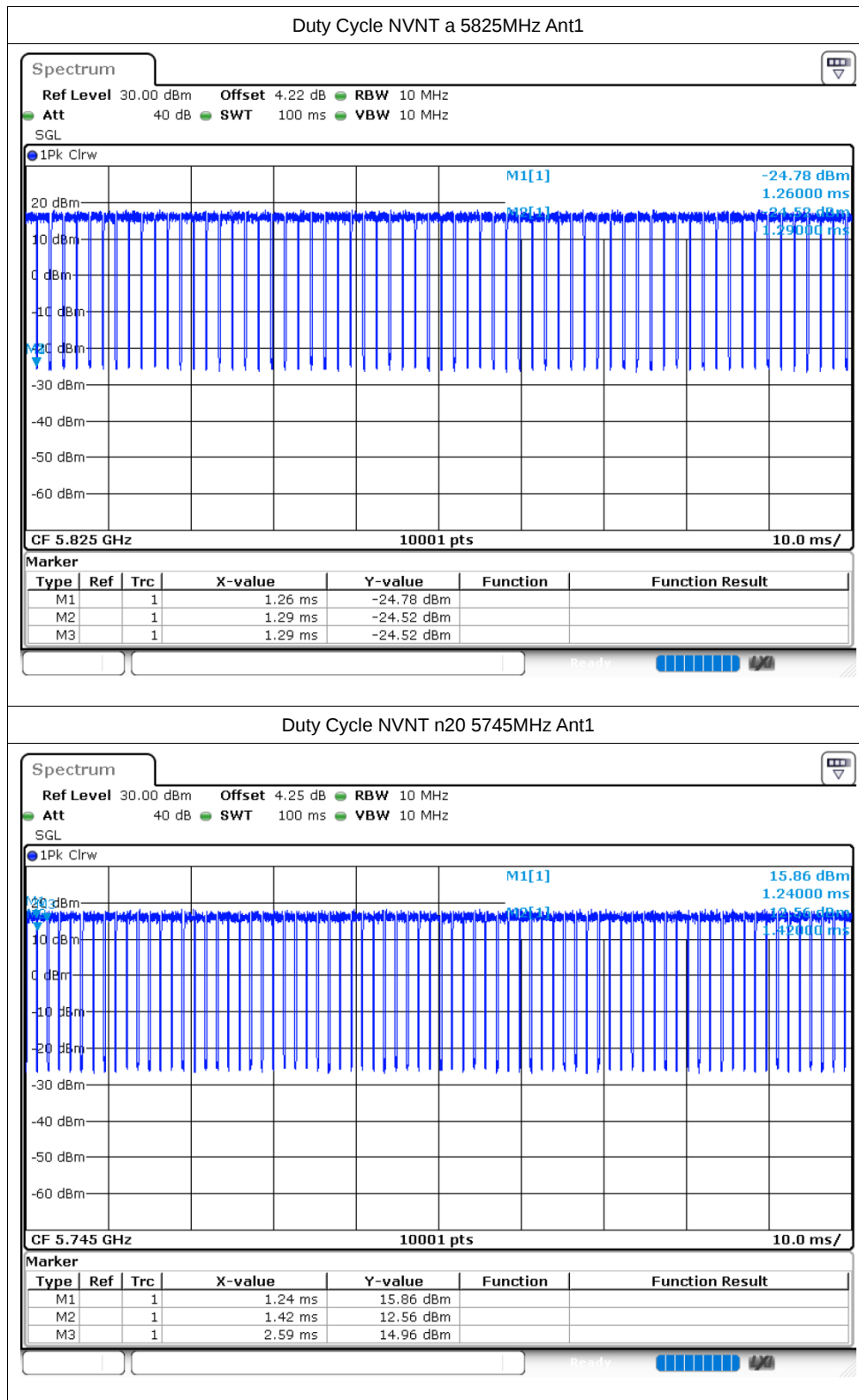
Ref Level 30.00 dBm Offset 4.24 dB RBW 10 MHz
 Att 40 dB SWT 100 ms VBW 10 MHz
 SGL

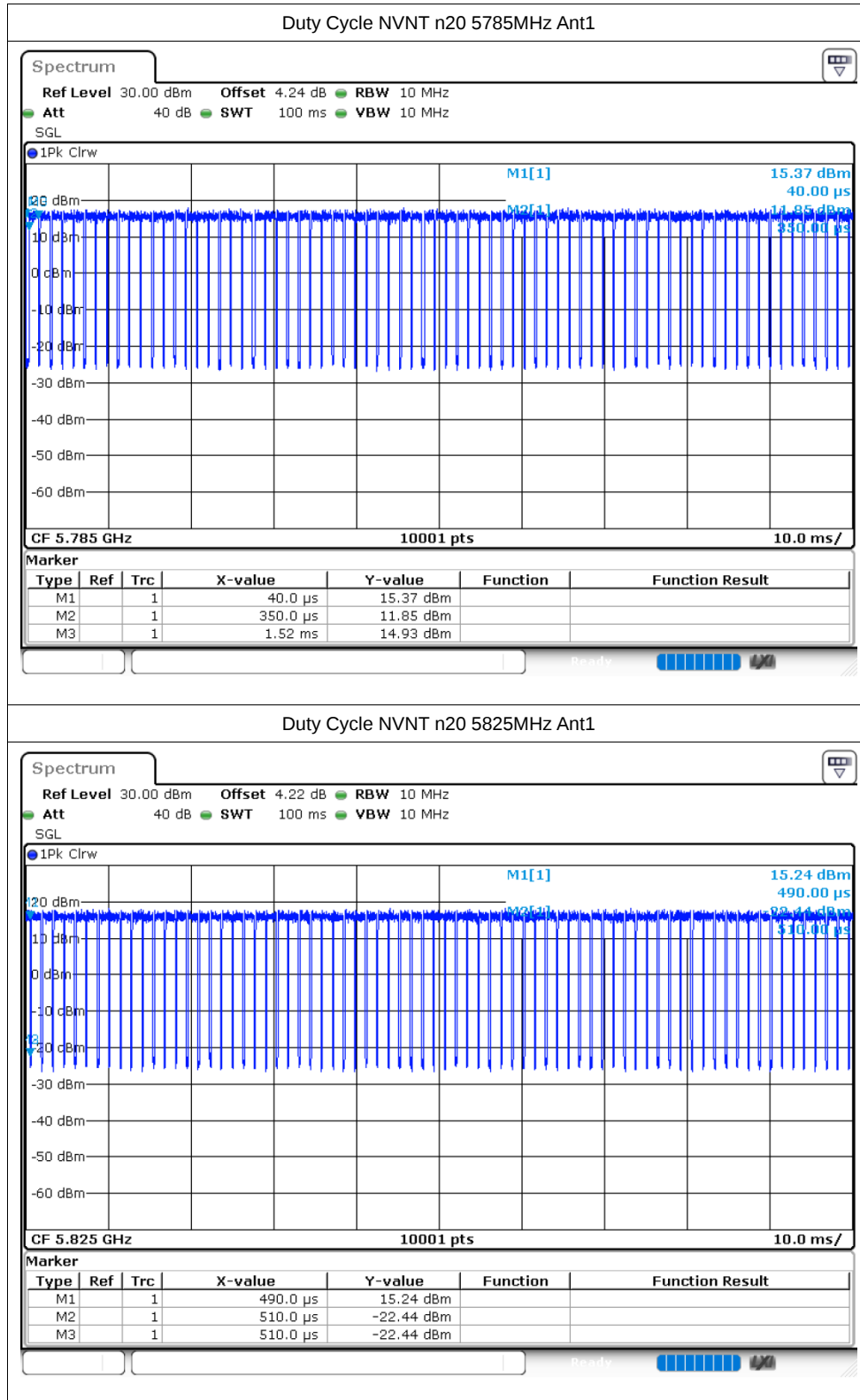
1Pk Clrw

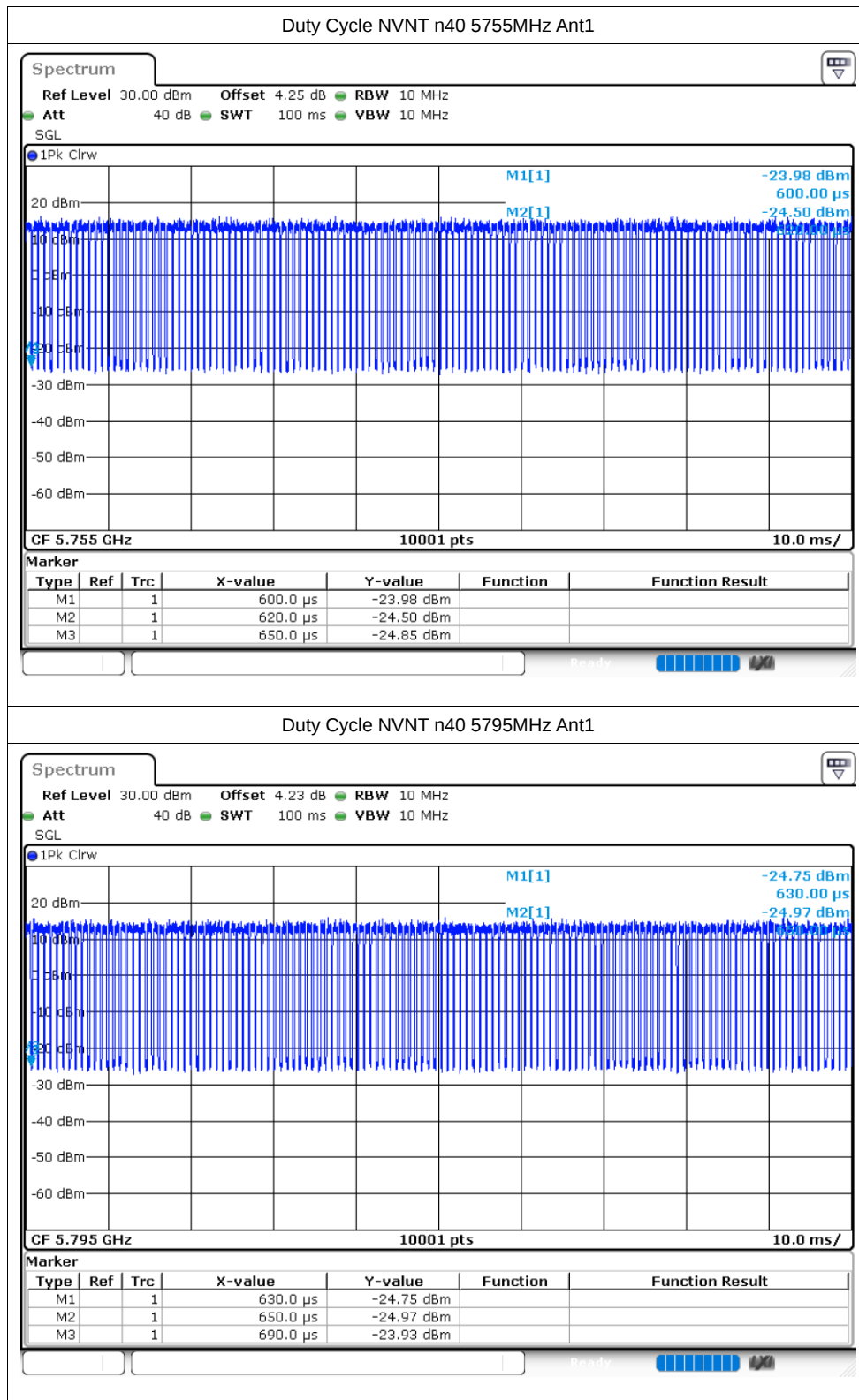


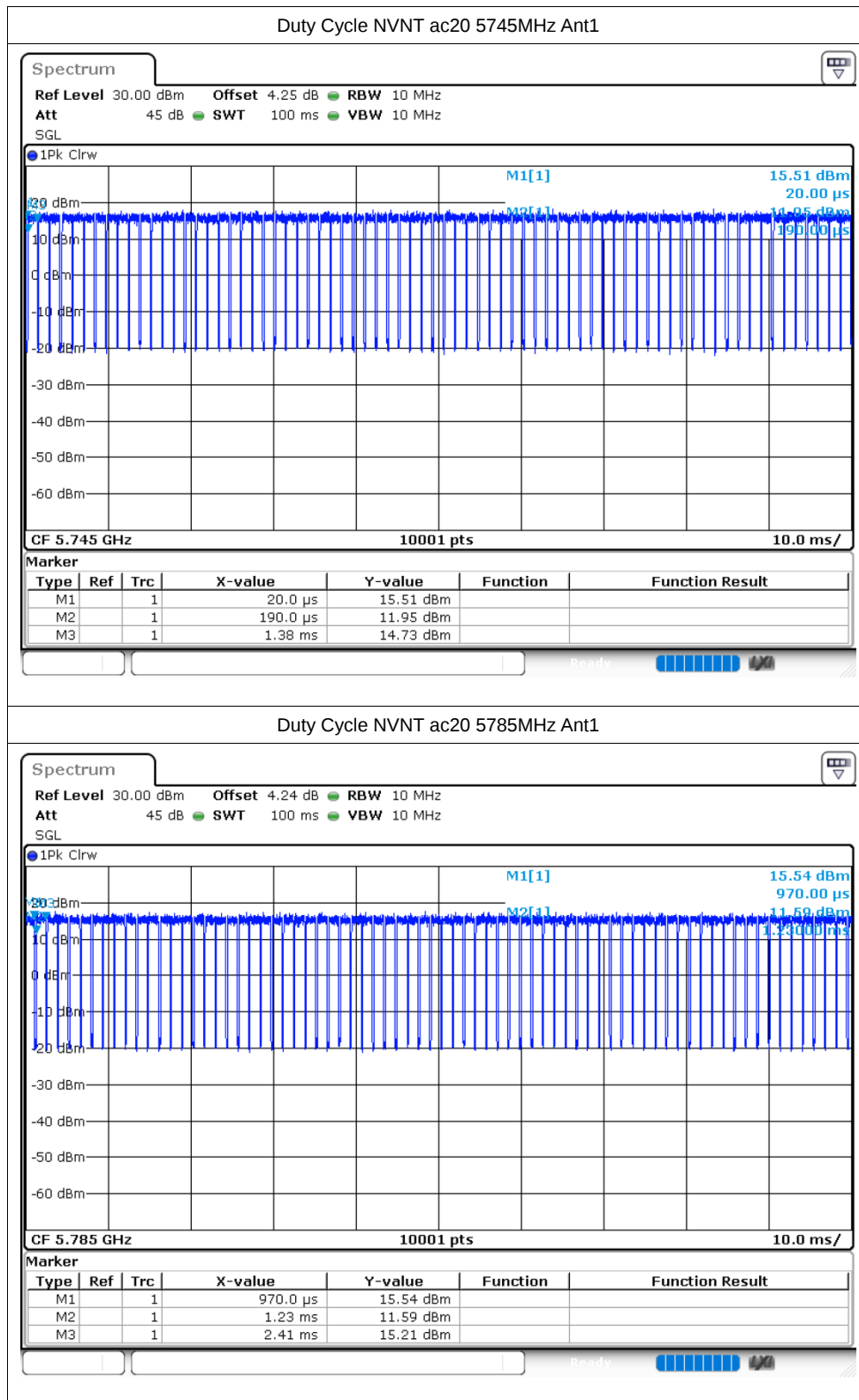
Marker

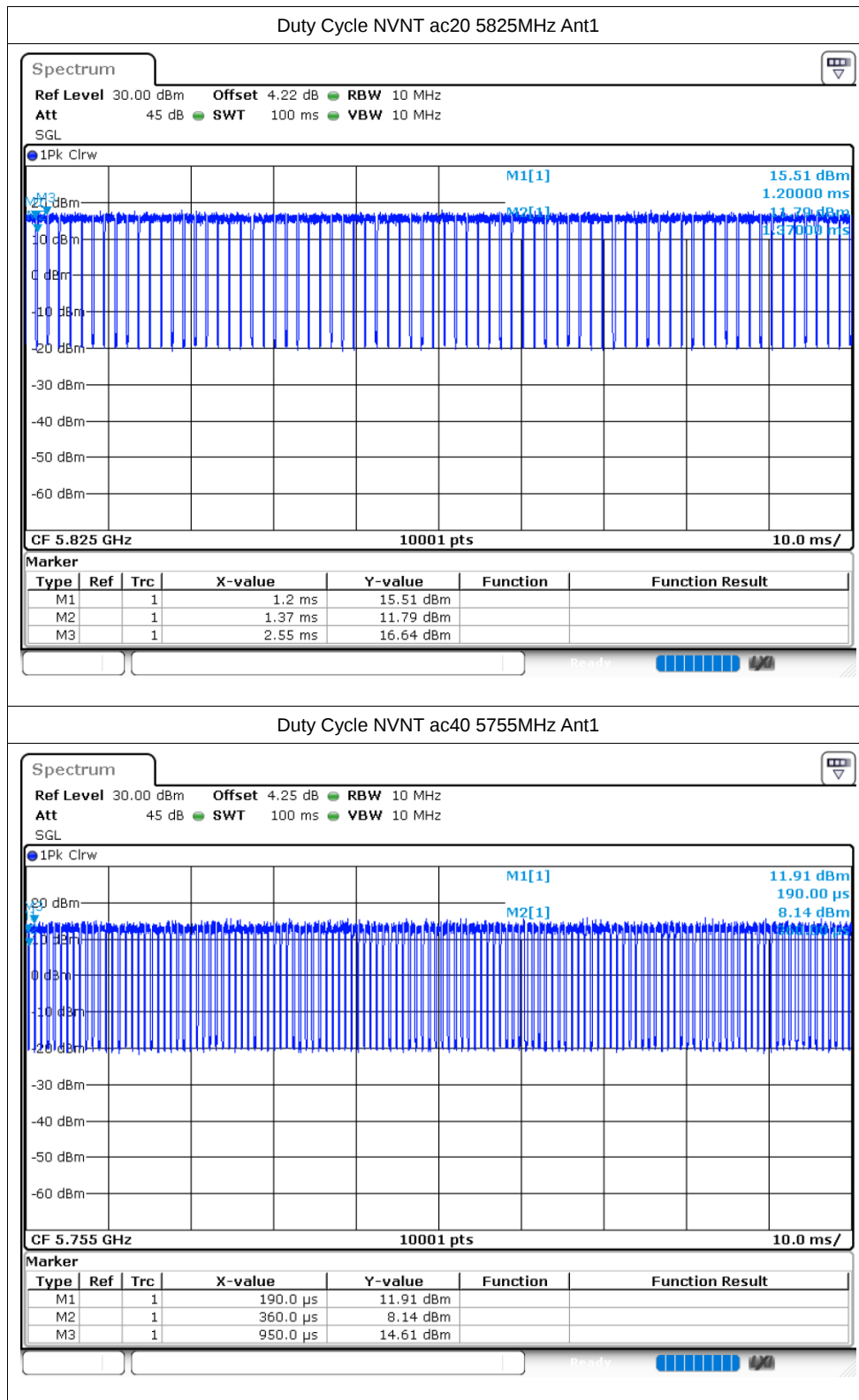
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		1.15 ms	12.76 dBm		
M2	1		1.33 ms	11.75 dBm		
M3	1		2.72 ms	15.16 dBm		

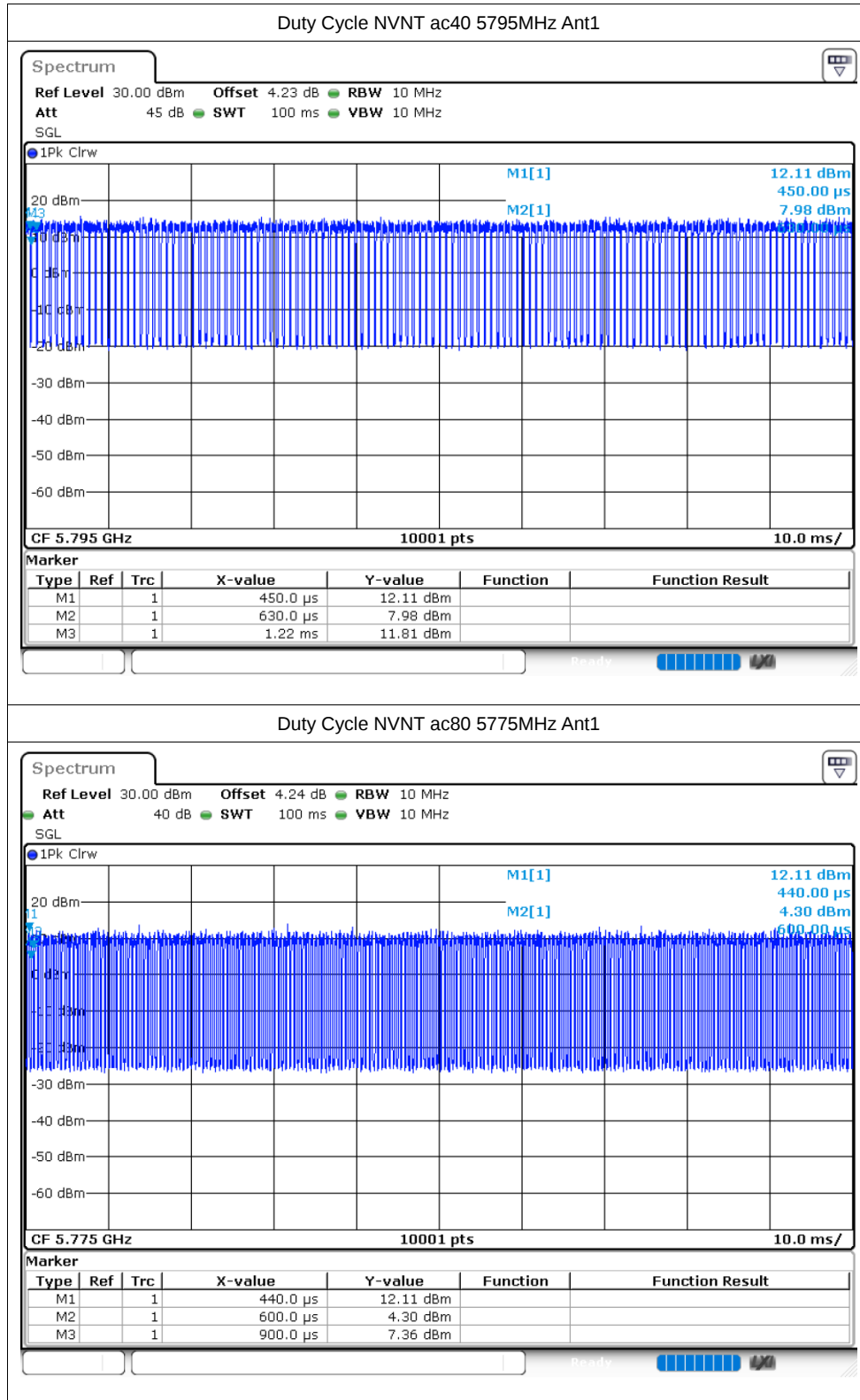












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.93	30	Pass
NVNT	a	5785	Ant1	12.23	30	Pass
NVNT	a	5825	Ant1	12.22	30	Pass
NVNT	n20	5745	Ant1	11.89	30	Pass
NVNT	n20	5785	Ant1	12.41	30	Pass
NVNT	n20	5825	Ant1	12.32	30	Pass
NVNT	n40	5755	Ant1	12.24	30	Pass
NVNT	n40	5795	Ant1	12.69	30	Pass
NVNT	ac20	5745	Ant1	11.99	30	Pass
NVNT	ac20	5785	Ant1	12.23	30	Pass
NVNT	ac20	5825	Ant1	12.25	30	Pass
NVNT	ac40	5755	Ant1	12.51	30	Pass
NVNT	ac40	5795	Ant1	12.82	30	Pass
NVNT	ac80	5775	Ant1	12.09	30	Pass

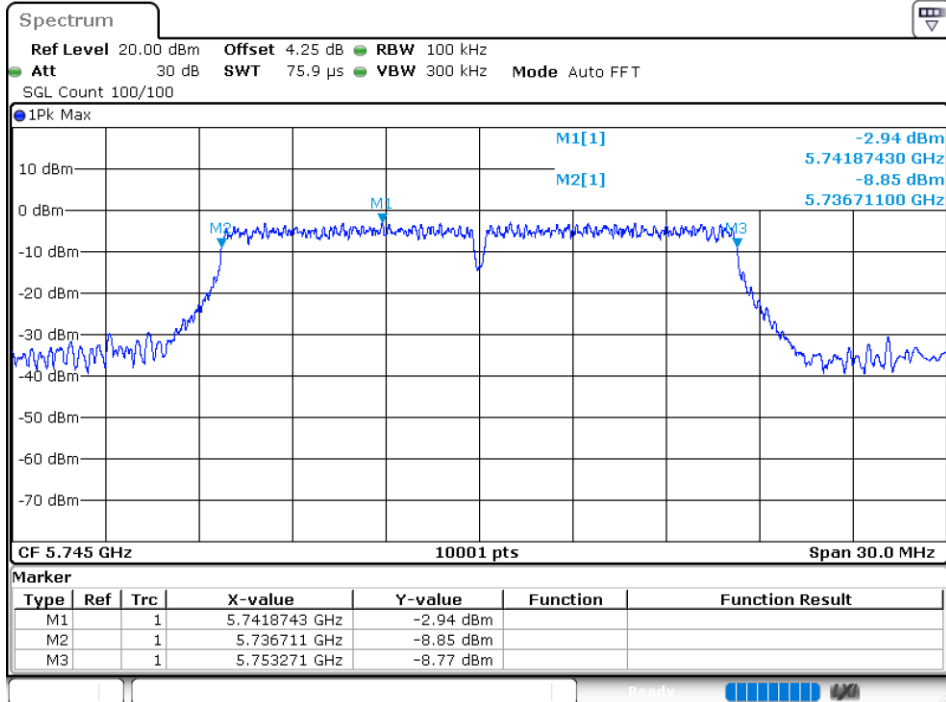
Note: The average power value already includes the duty cycle factor

-6dB Bandwidth

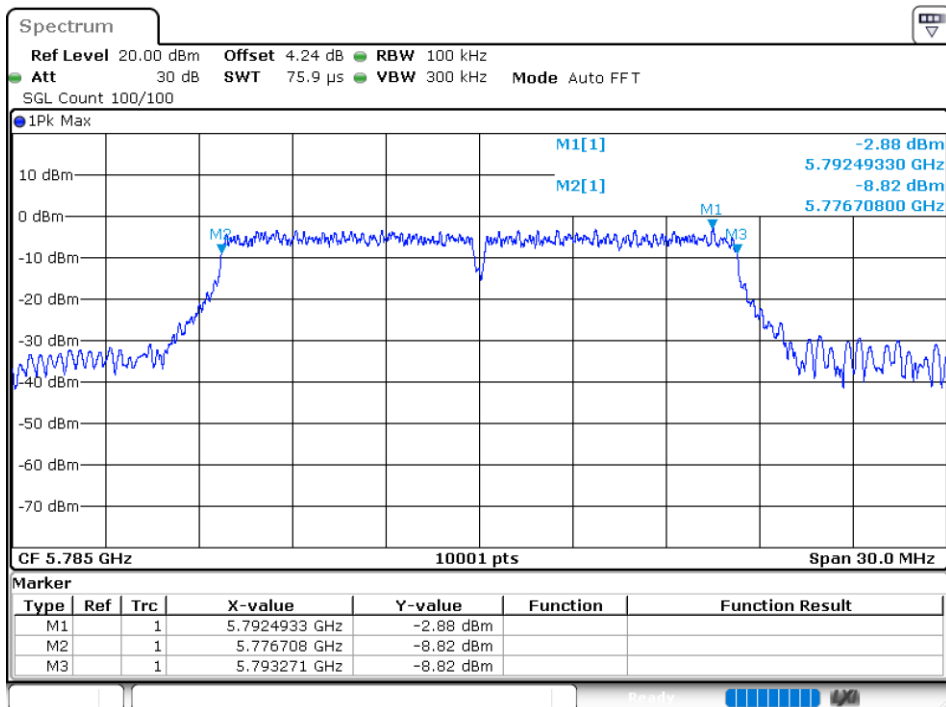
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.56	0.5	Pass
NVNT	a	5785	Ant1	16.563	0.5	Pass
NVNT	a	5825	Ant1	16.446	0.5	Pass
NVNT	n20	5745	Ant1	17.601	0.5	Pass
NVNT	n20	5785	Ant1	17.412	0.5	Pass
NVNT	n20	5825	Ant1	17.58	0.5	Pass
NVNT	n40	5755	Ant1	35.85	0.5	Pass
NVNT	n40	5795	Ant1	36.156	0.5	Pass
NVNT	ac20	5745	Ant1	17.523	0.5	Pass
NVNT	ac20	5785	Ant1	17.595	0.5	Pass
NVNT	ac20	5825	Ant1	17.736	0.5	Pass
NVNT	ac40	5755	Ant1	36.15	0.5	Pass
NVNT	ac40	5795	Ant1	35.88	0.5	Pass
NVNT	ac80	5775	Ant1	75.36	0.5	Pass

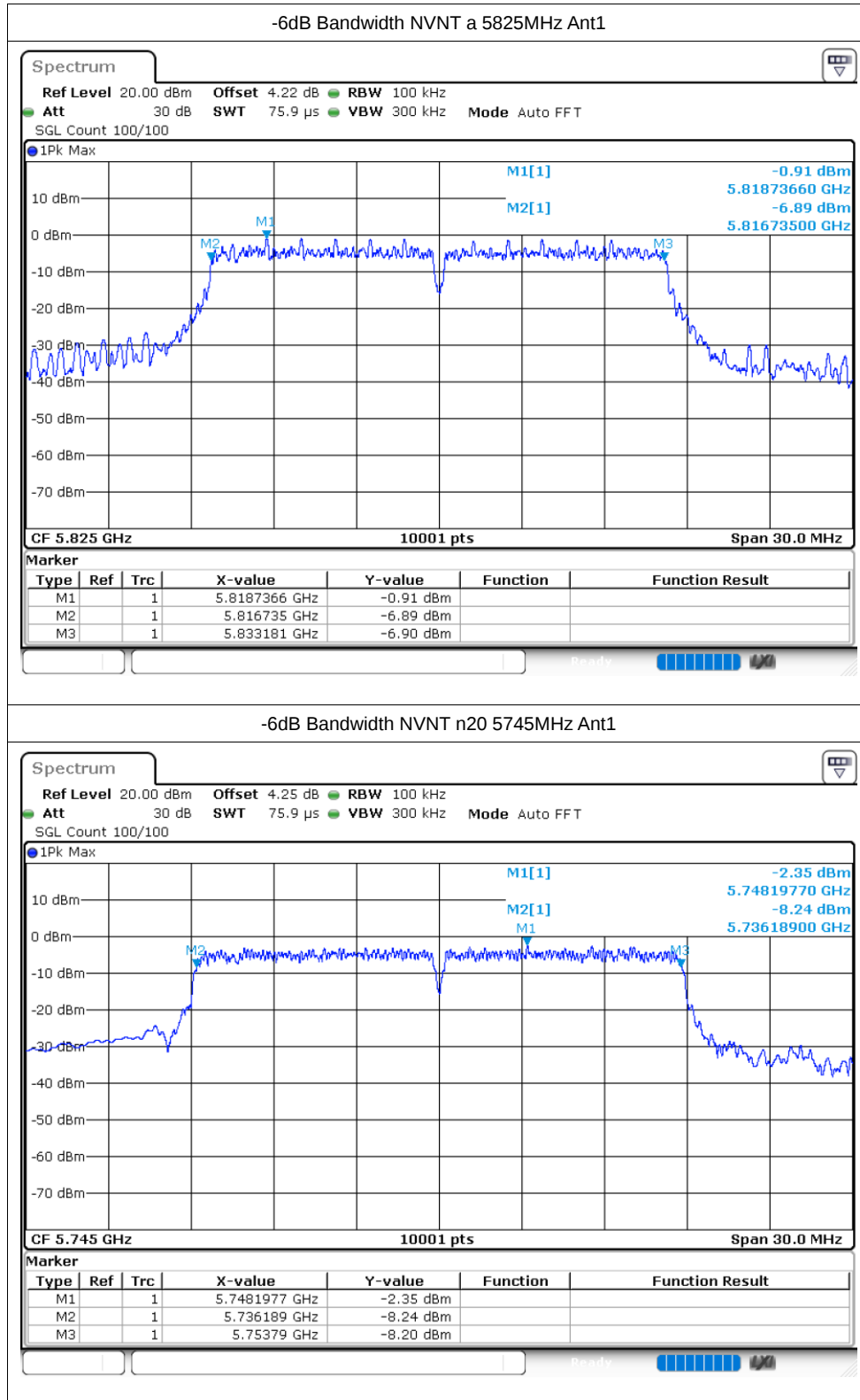
Test Graphs

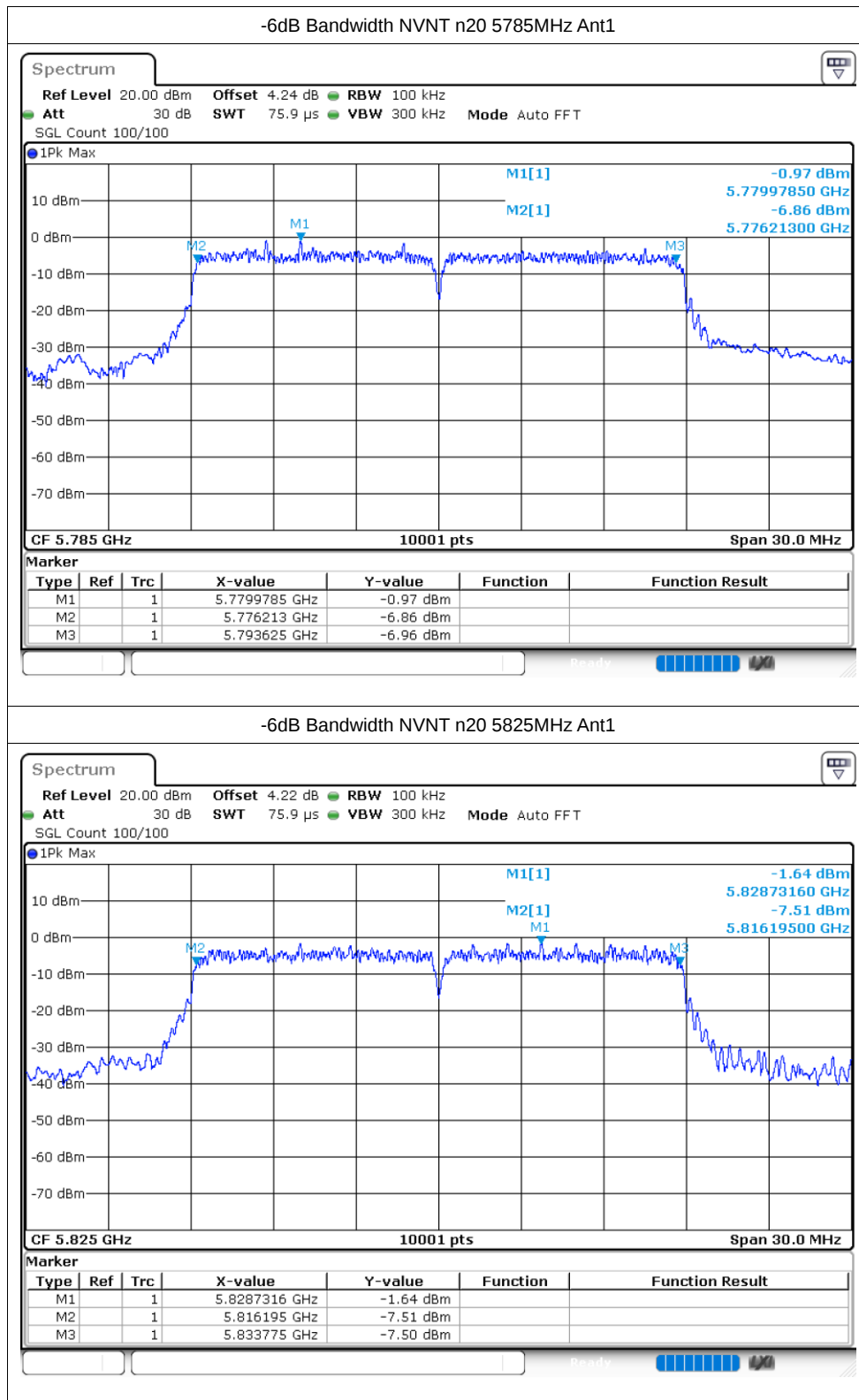
-6dB Bandwidth NVNT a 5745MHz Ant1

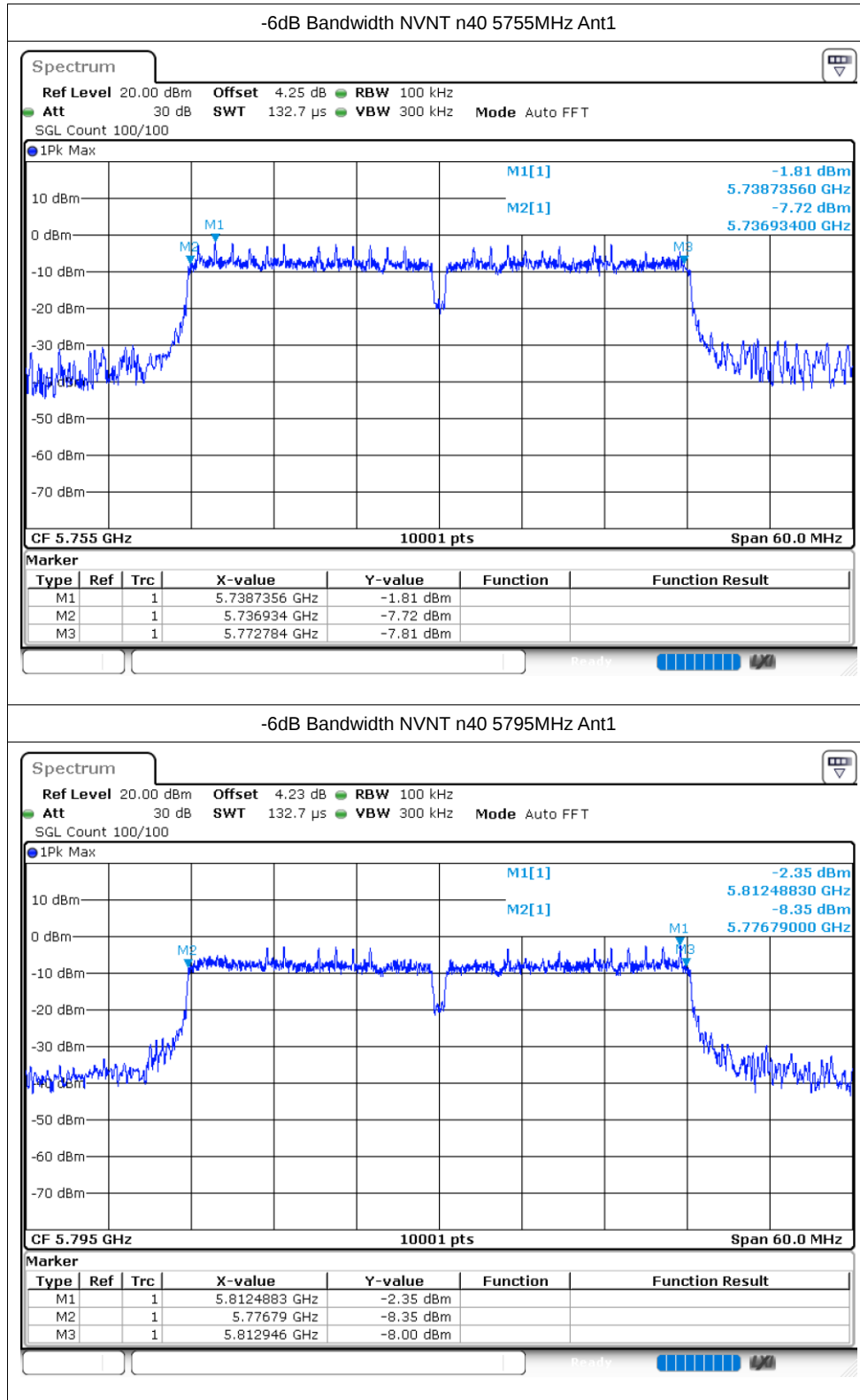


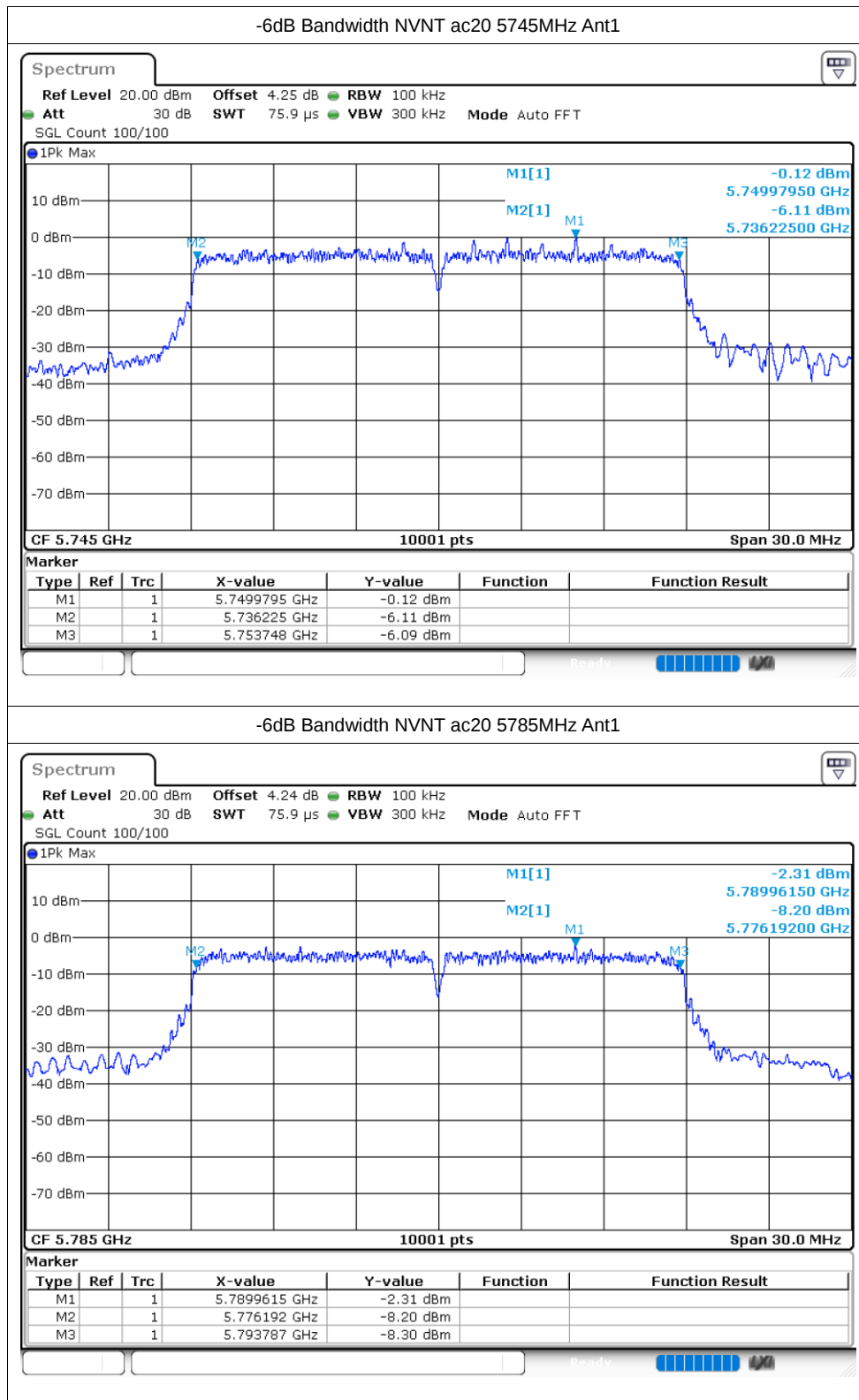
-6dB Bandwidth NVNT a 5785MHz Ant1

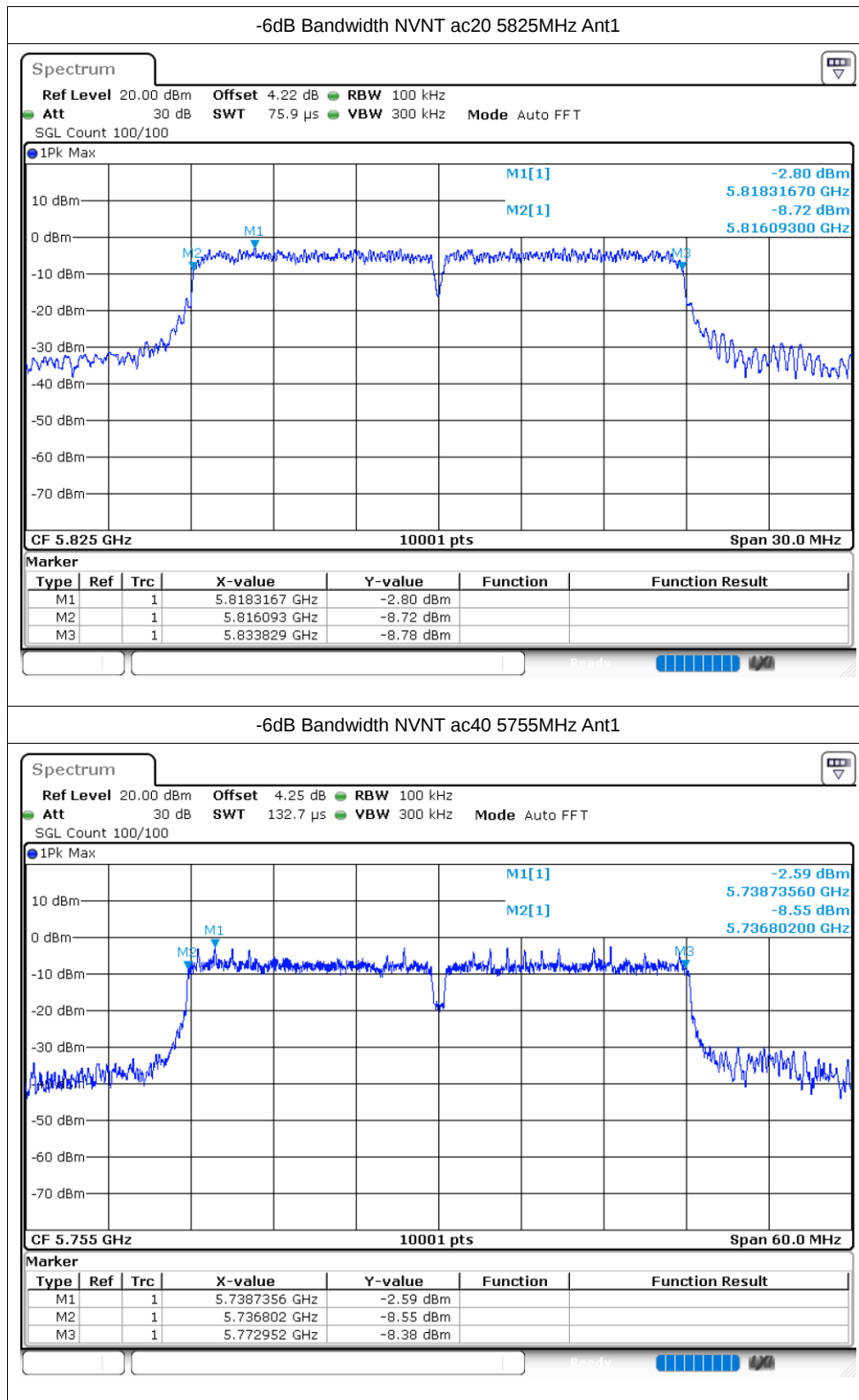


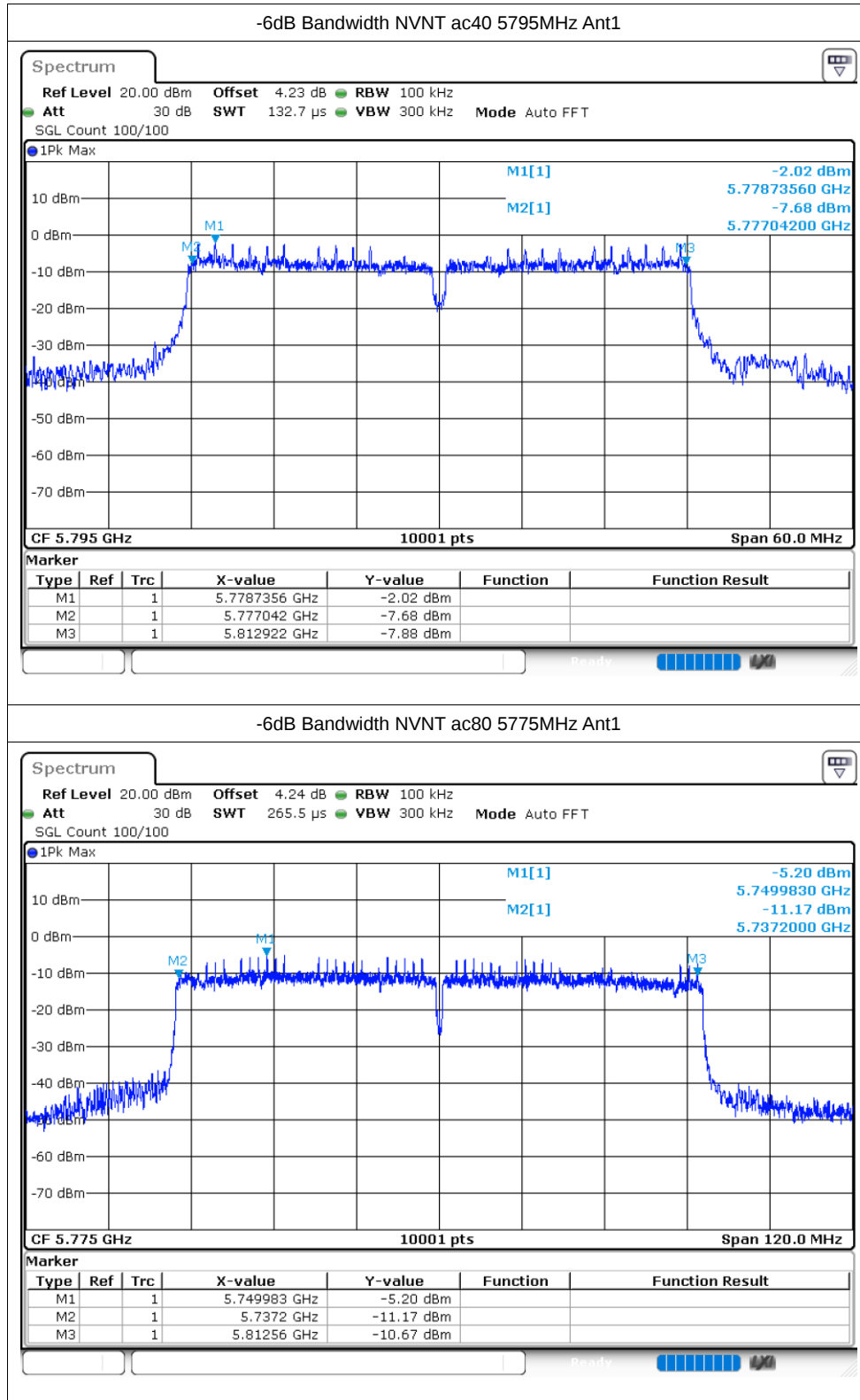










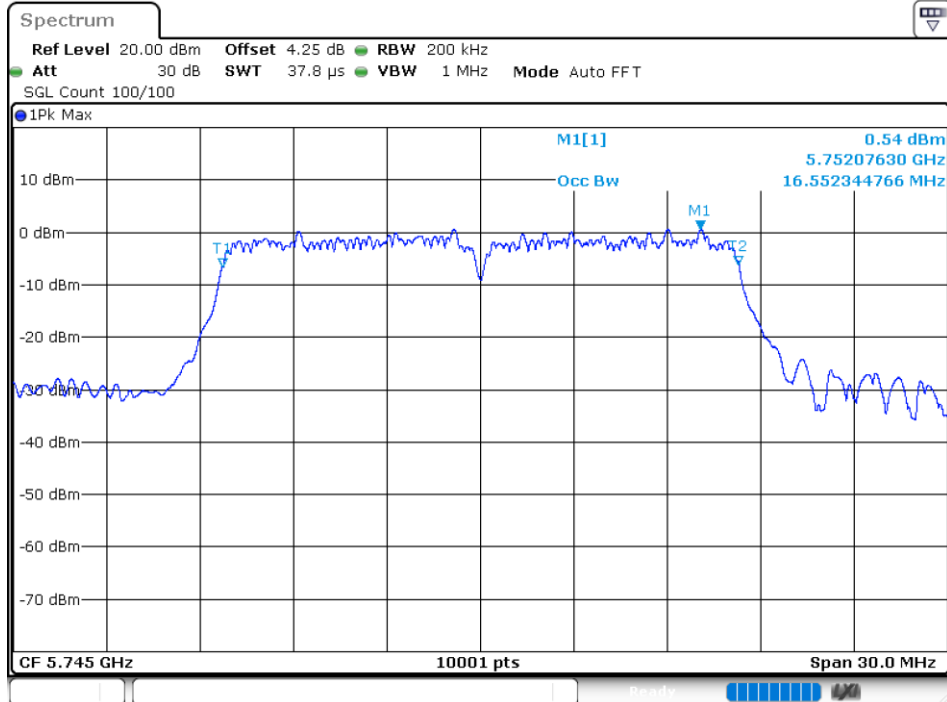


Occupied Channel Bandwidth

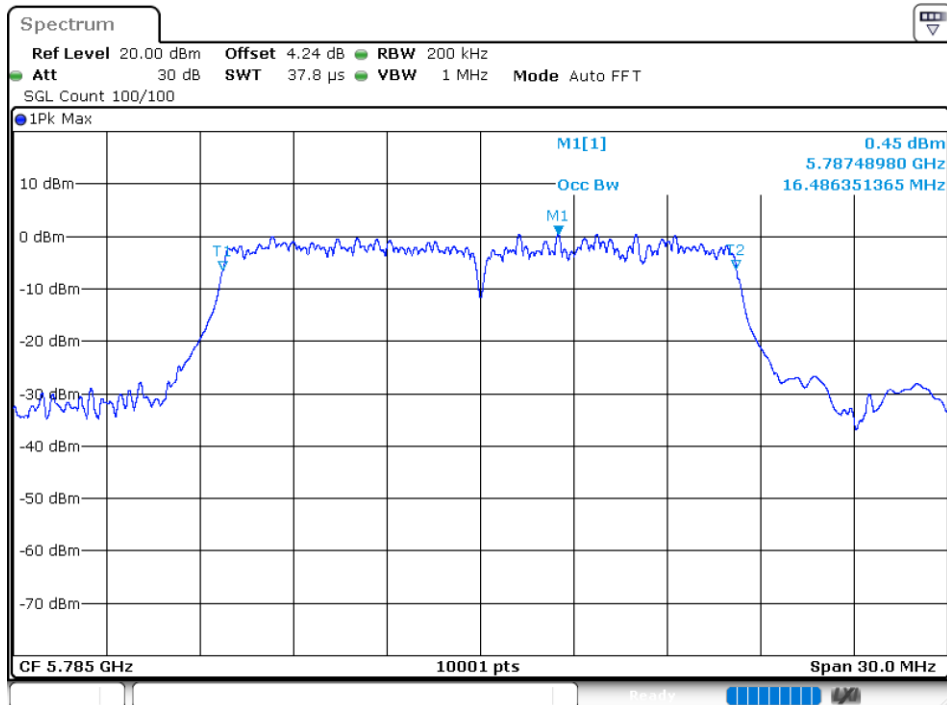
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.552
NVNT	a	5785	Ant1	16.486
NVNT	a	5825	Ant1	16.612
NVNT	n20	5745	Ant1	17.611
NVNT	n20	5785	Ant1	17.782
NVNT	n20	5825	Ant1	17.68
NVNT	n40	5755	Ant1	36.398
NVNT	n40	5795	Ant1	36.488
NVNT	ac20	5745	Ant1	17.611
NVNT	ac20	5785	Ant1	17.674
NVNT	ac20	5825	Ant1	17.701
NVNT	ac40	5755	Ant1	36.368
NVNT	ac40	5795	Ant1	36.5
NVNT	ac80	5775	Ant1	75.472

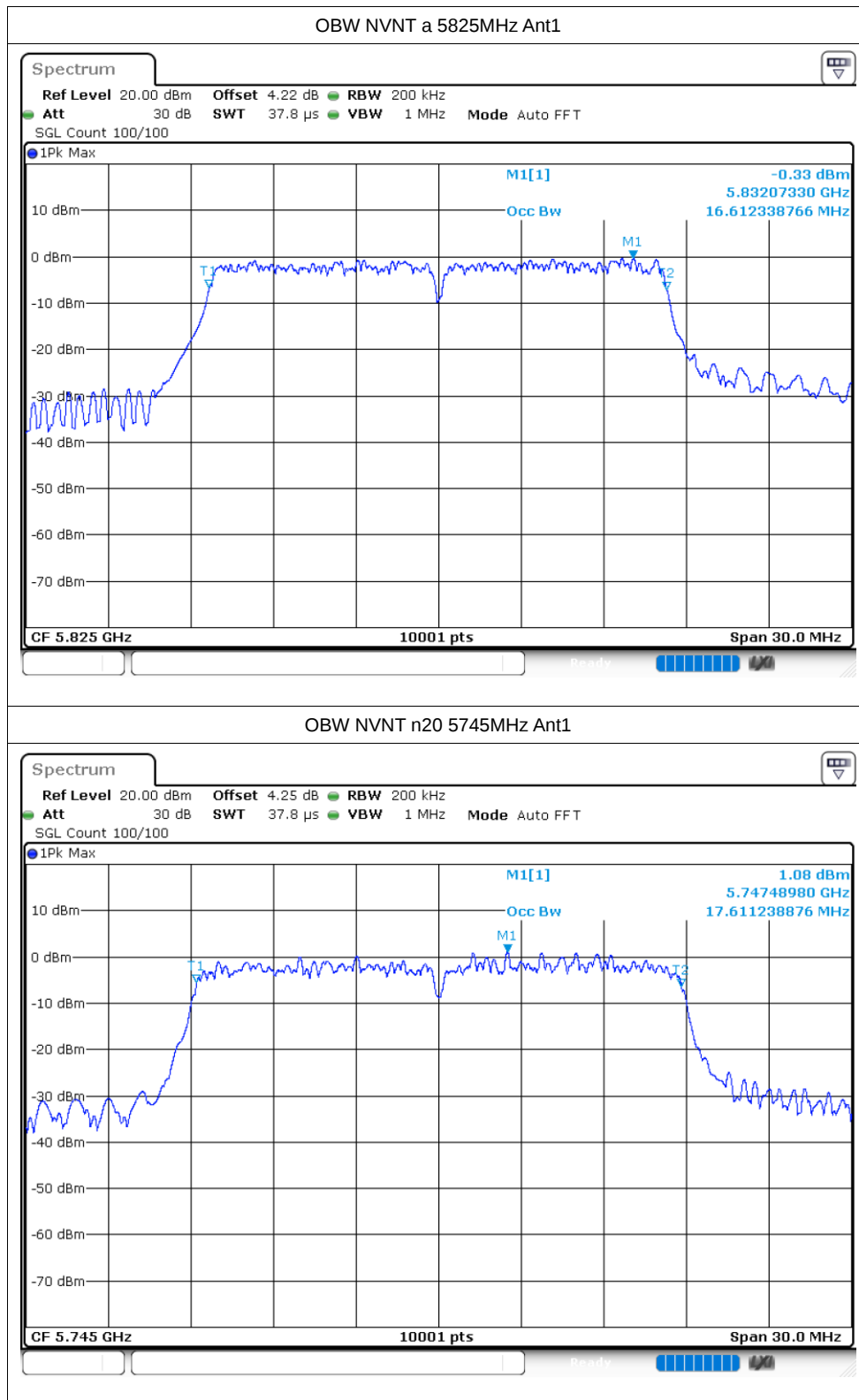
Test Graphs

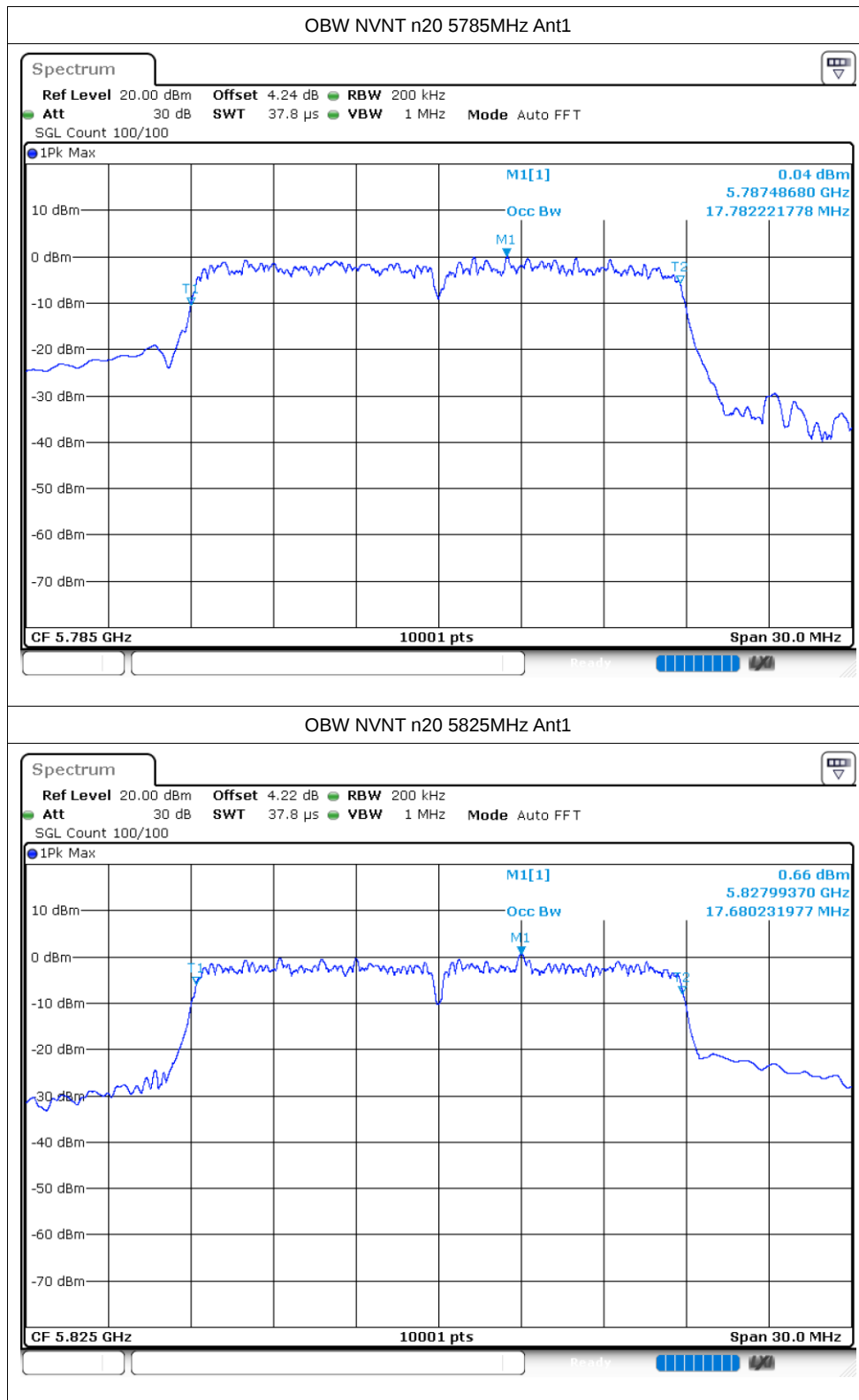
OBW NVNT a 5745MHz Ant1

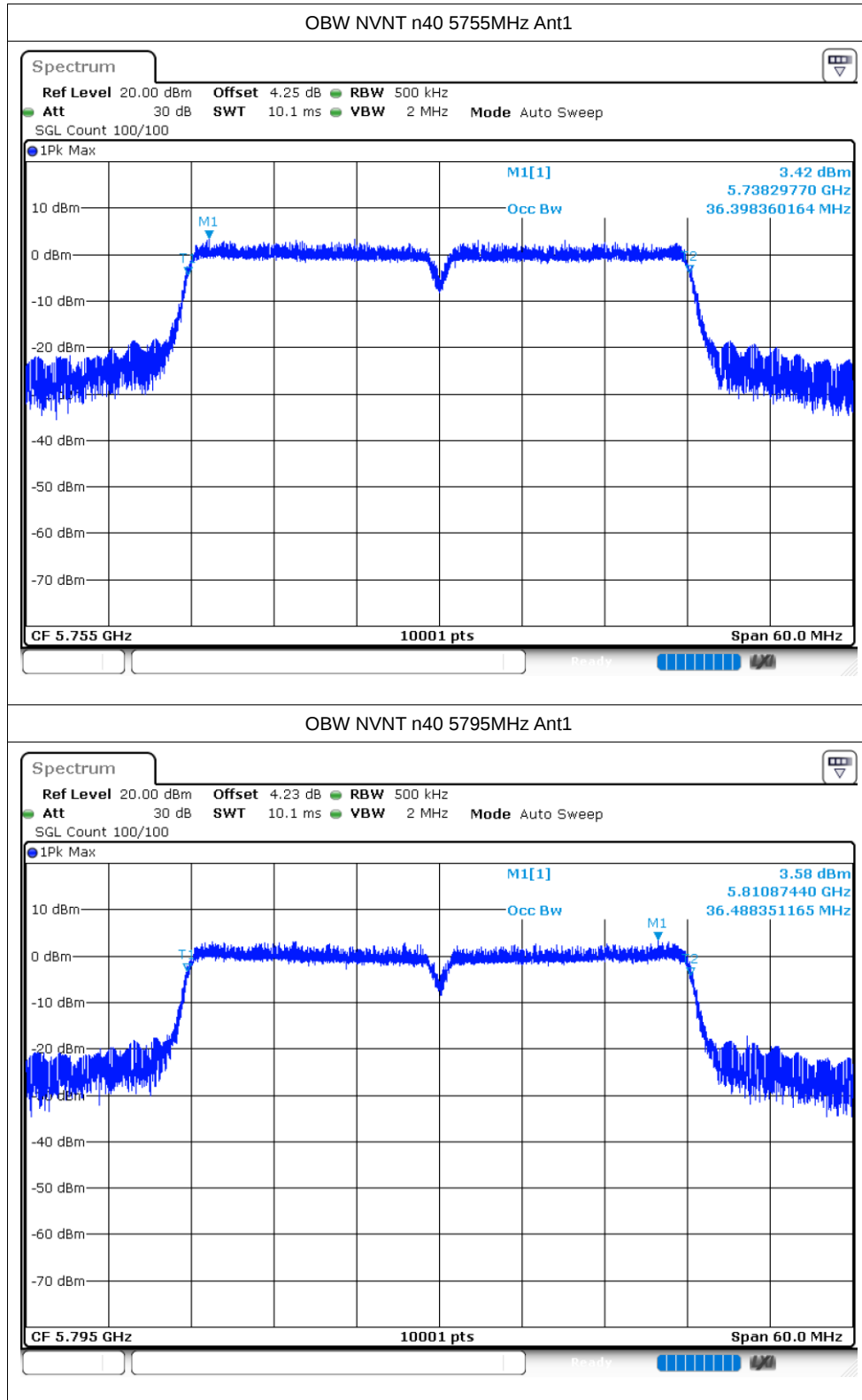


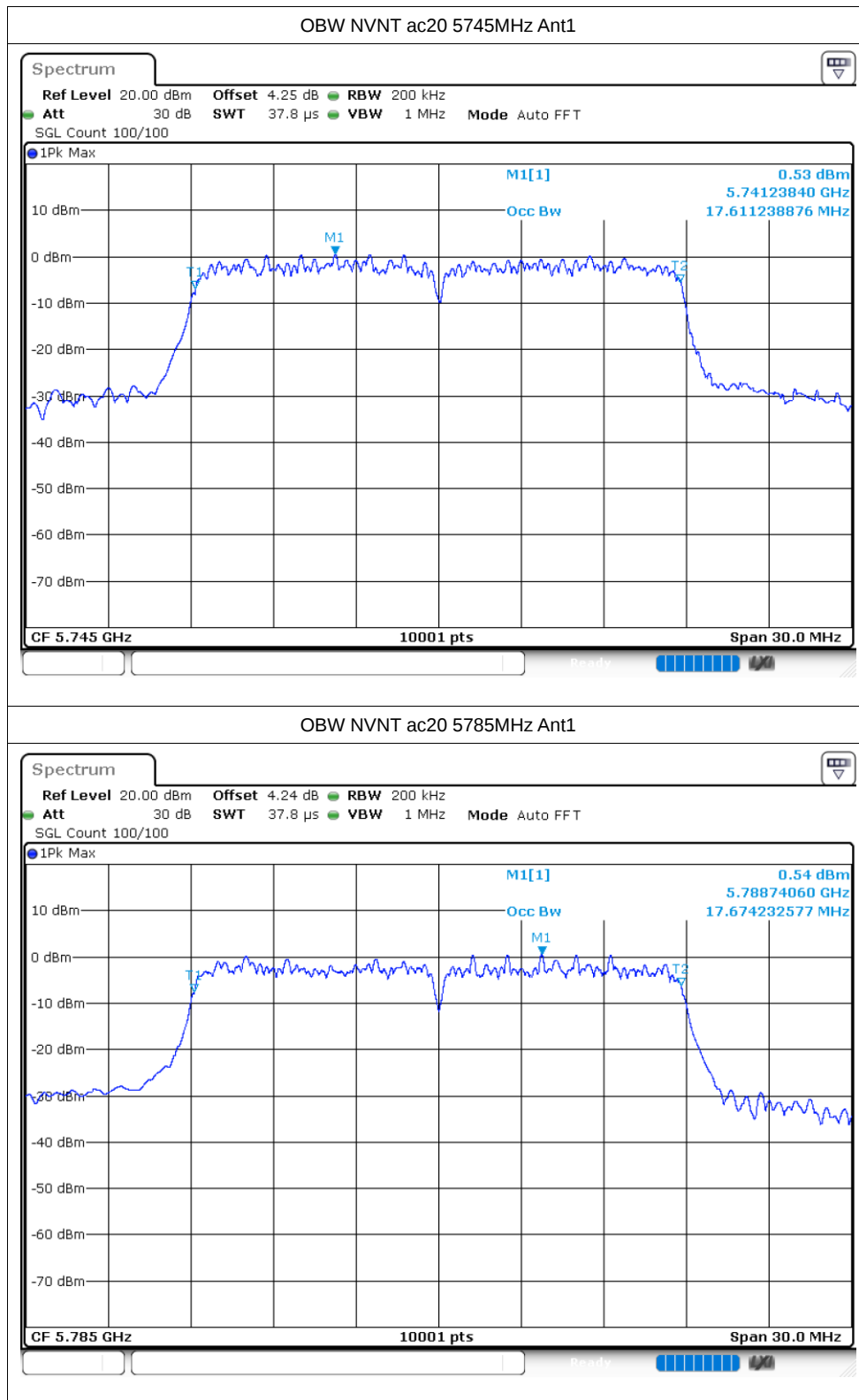
OBW NVNT a 5785MHz Ant1

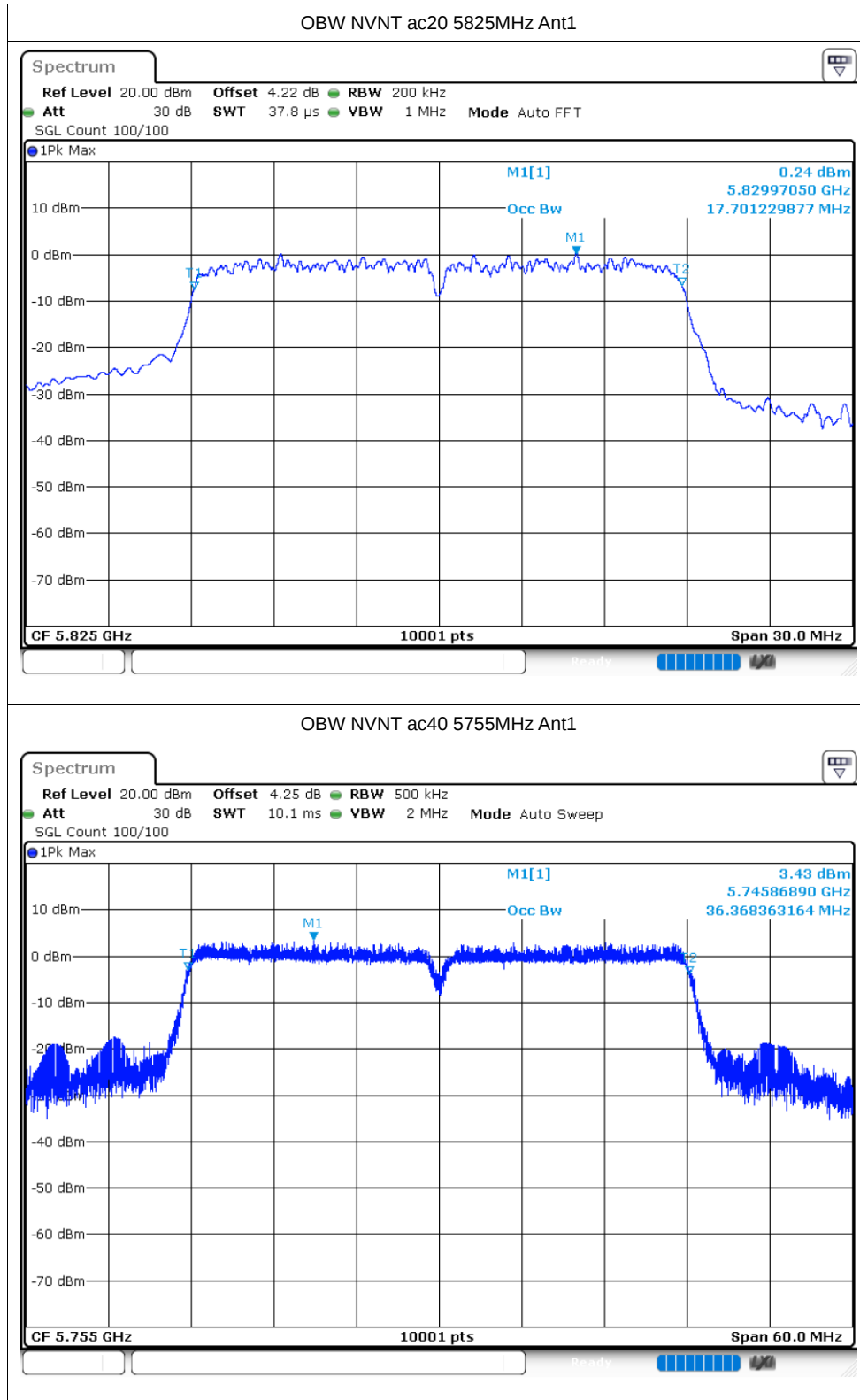


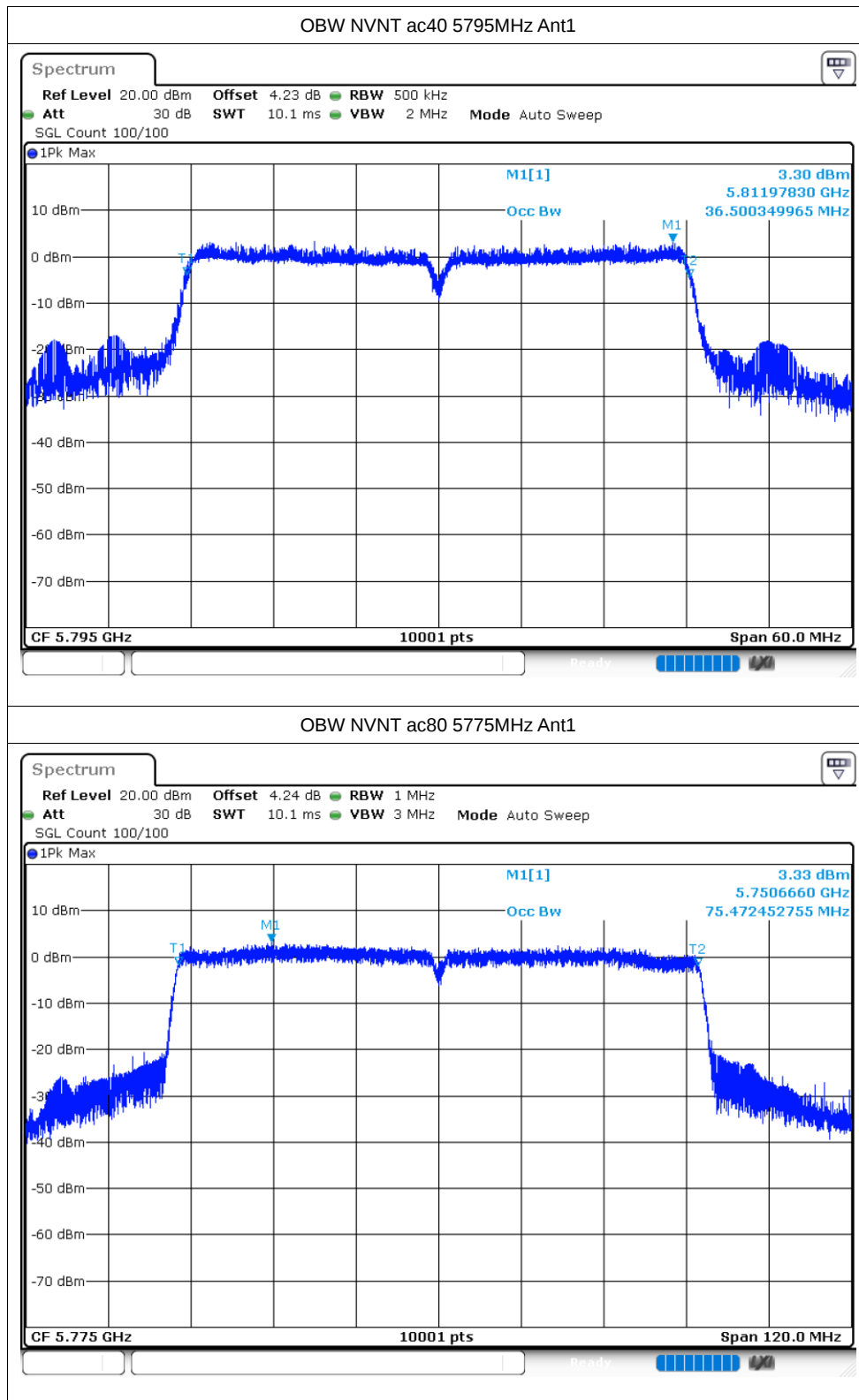










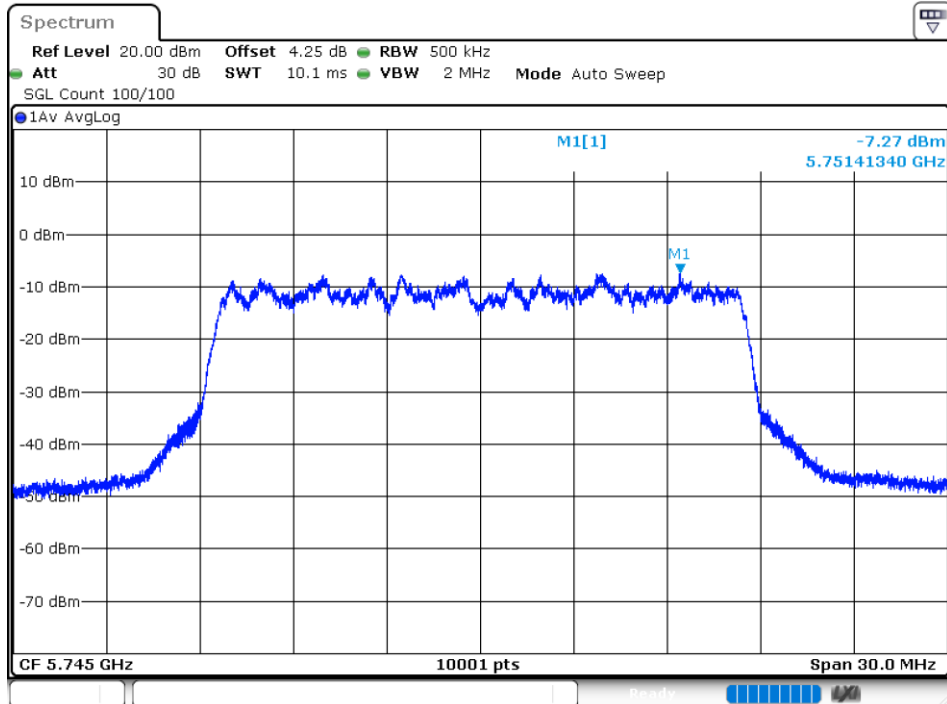


Maximum Power Spectral Density Level

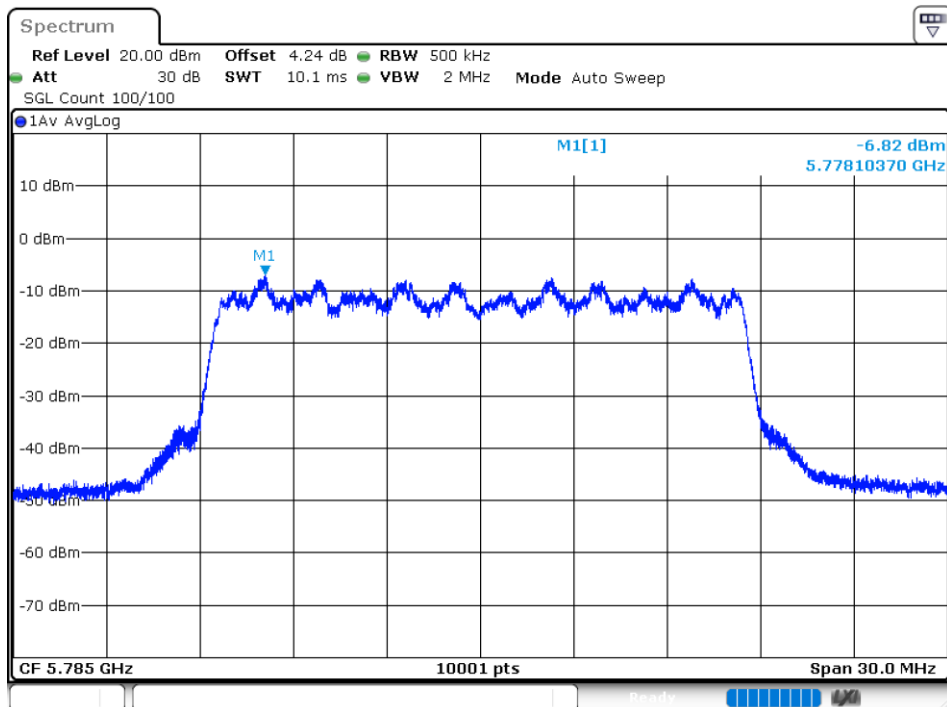
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-7.27	0.52	-6.75	30	Pass
NVNT	a	5785	Ant1	-6.82	0.52	-6.3	30	Pass
NVNT	a	5825	Ant1	-7.45	0.15	-7.3	30	Pass
NVNT	n20	5745	Ant1	-7.45	0.6	-6.85	30	Pass
NVNT	n20	5785	Ant1	-8.42	0.62	-7.8	30	Pass
NVNT	n20	5825	Ant1	-6.64	0.17	-6.47	30	Pass
NVNT	n40	5755	Ant1	-15.41	0.43	-14.98	30	Pass
NVNT	n40	5795	Ant1	-13.92	0.33	-13.59	30	Pass
NVNT	ac20	5745	Ant1	-6.74	0.59	-6.15	30	Pass
NVNT	ac20	5785	Ant1	-6.32	0.59	-5.73	30	Pass
NVNT	ac20	5825	Ant1	-6.33	0.59	-5.74	30	Pass
NVNT	ac40	5755	Ant1	-15.29	1.15	-14.14	30	Pass
NVNT	ac40	5795	Ant1	-14.87	1.15	-13.72	30	Pass
NVNT	ac80	5775	Ant1	-23.19	1.95	-21.24	30	Pass

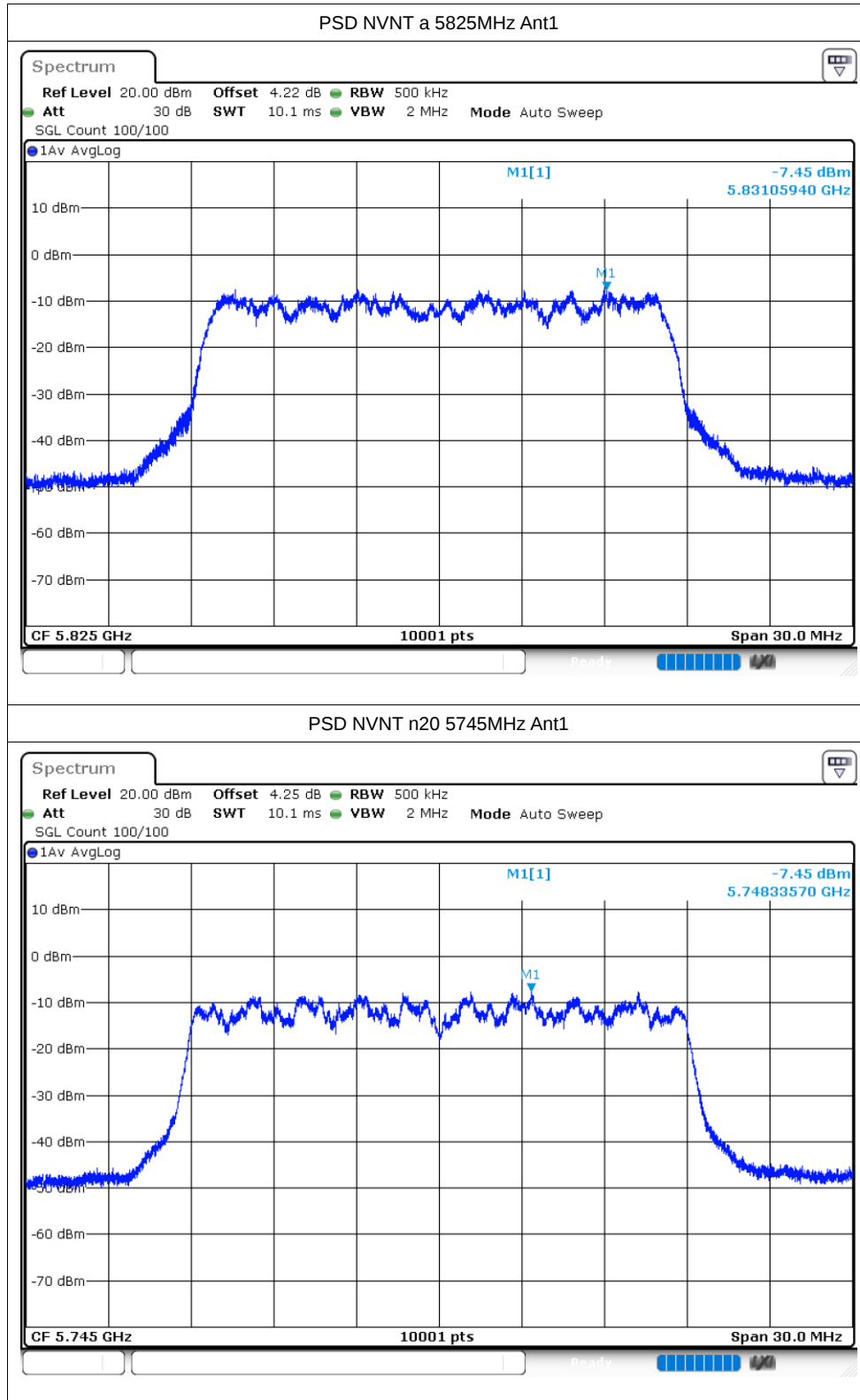
Test Graphs

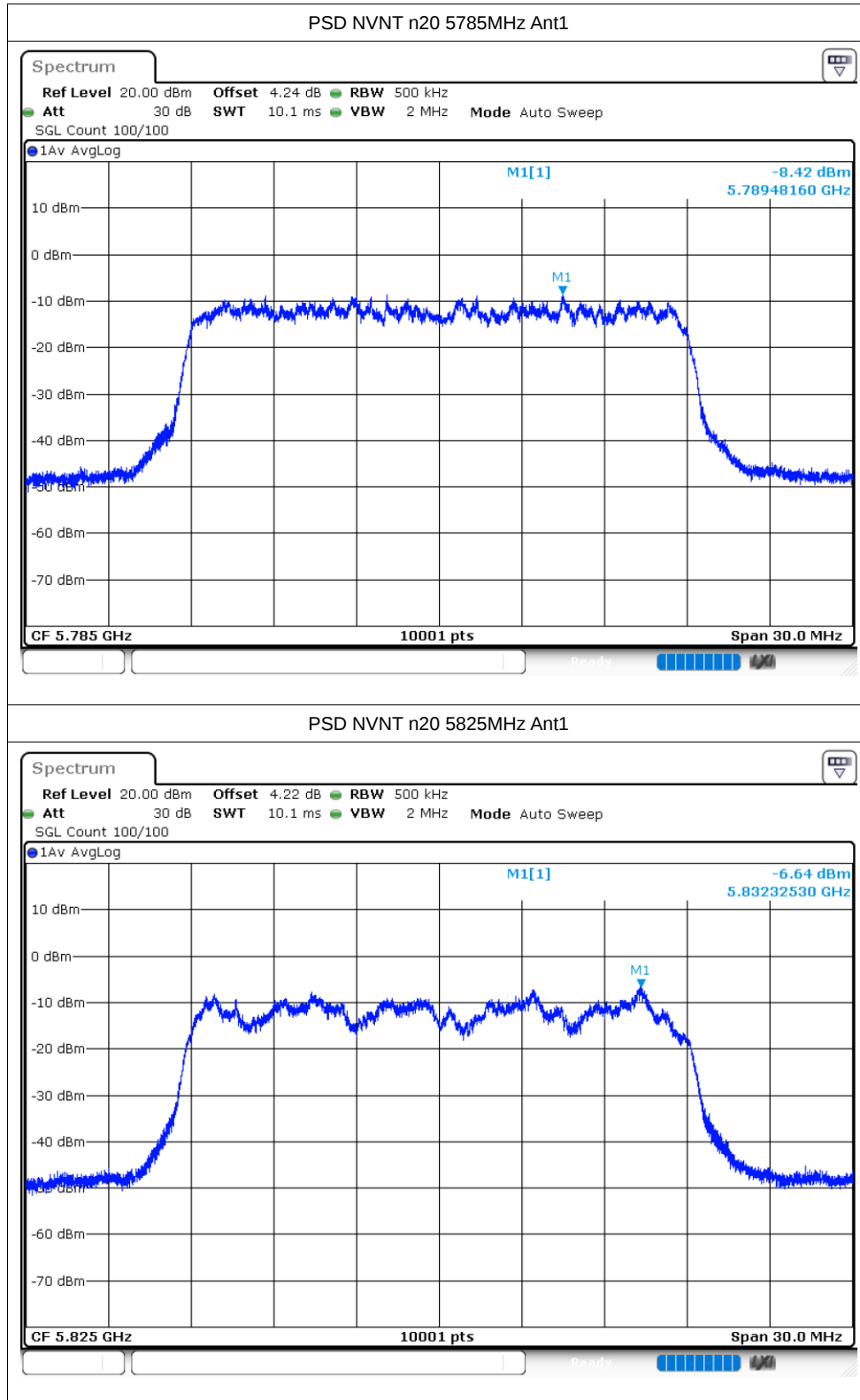
PSD NVNT a 5745MHz Ant1

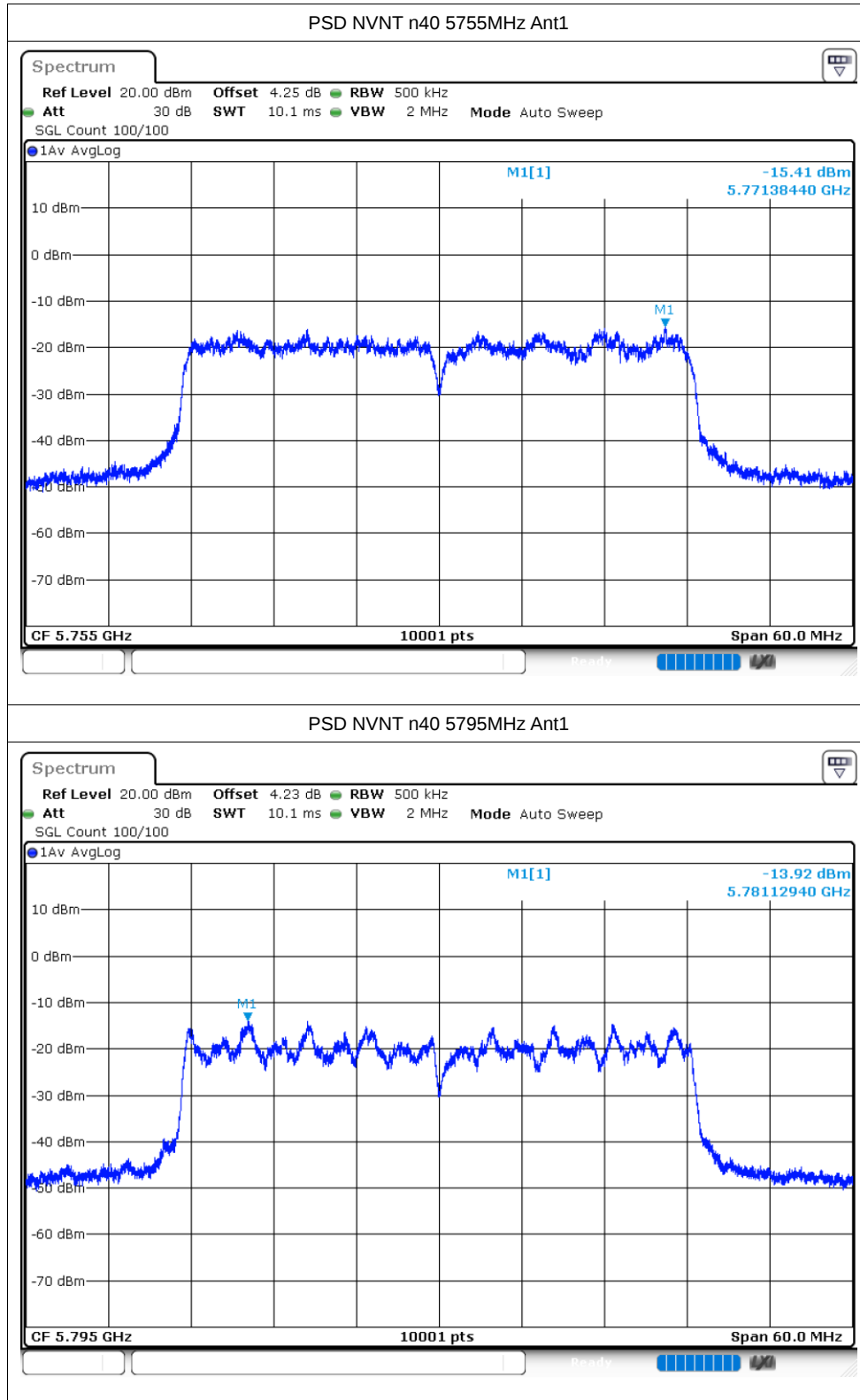


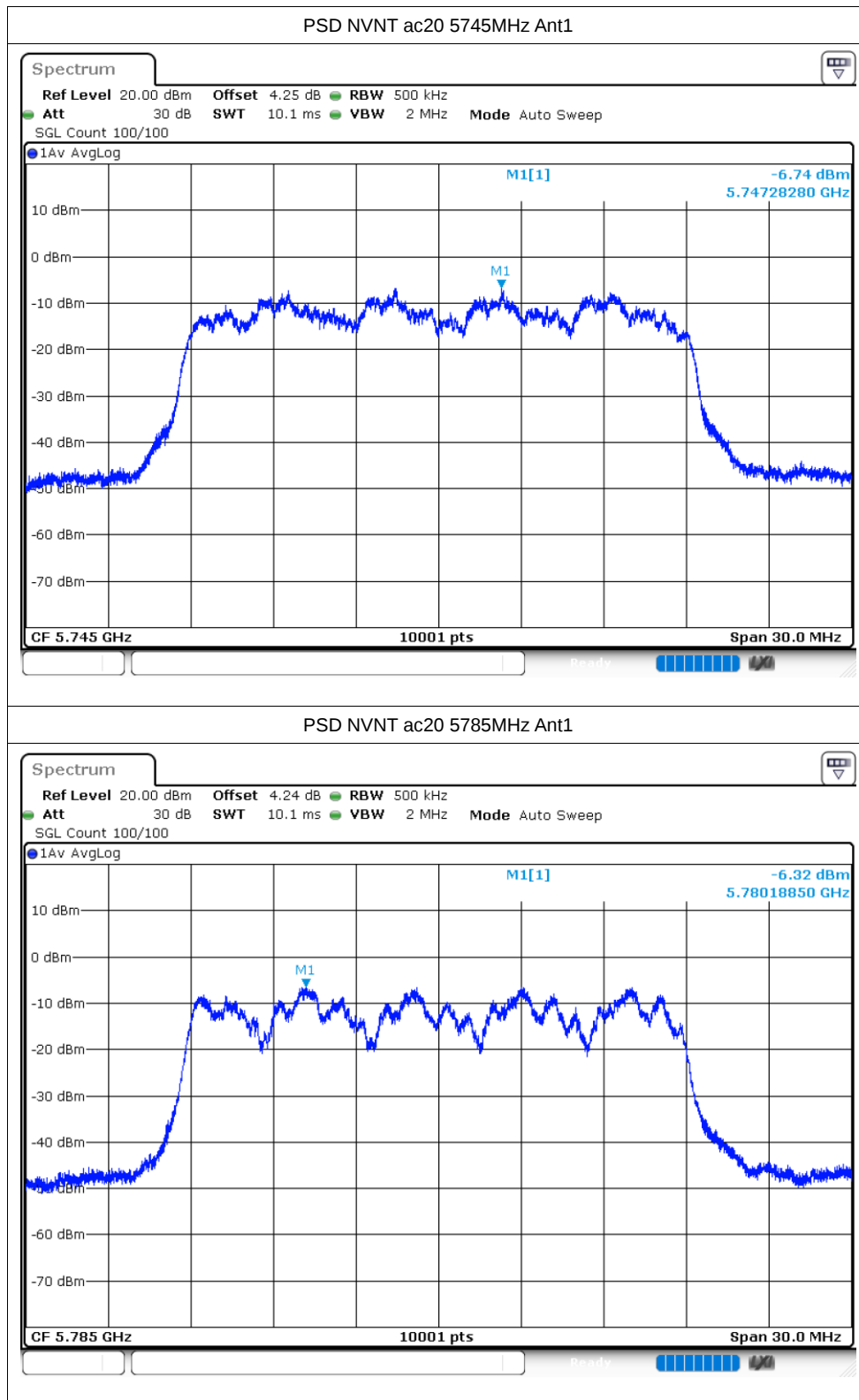
PSD NVNT a 5785MHz Ant1

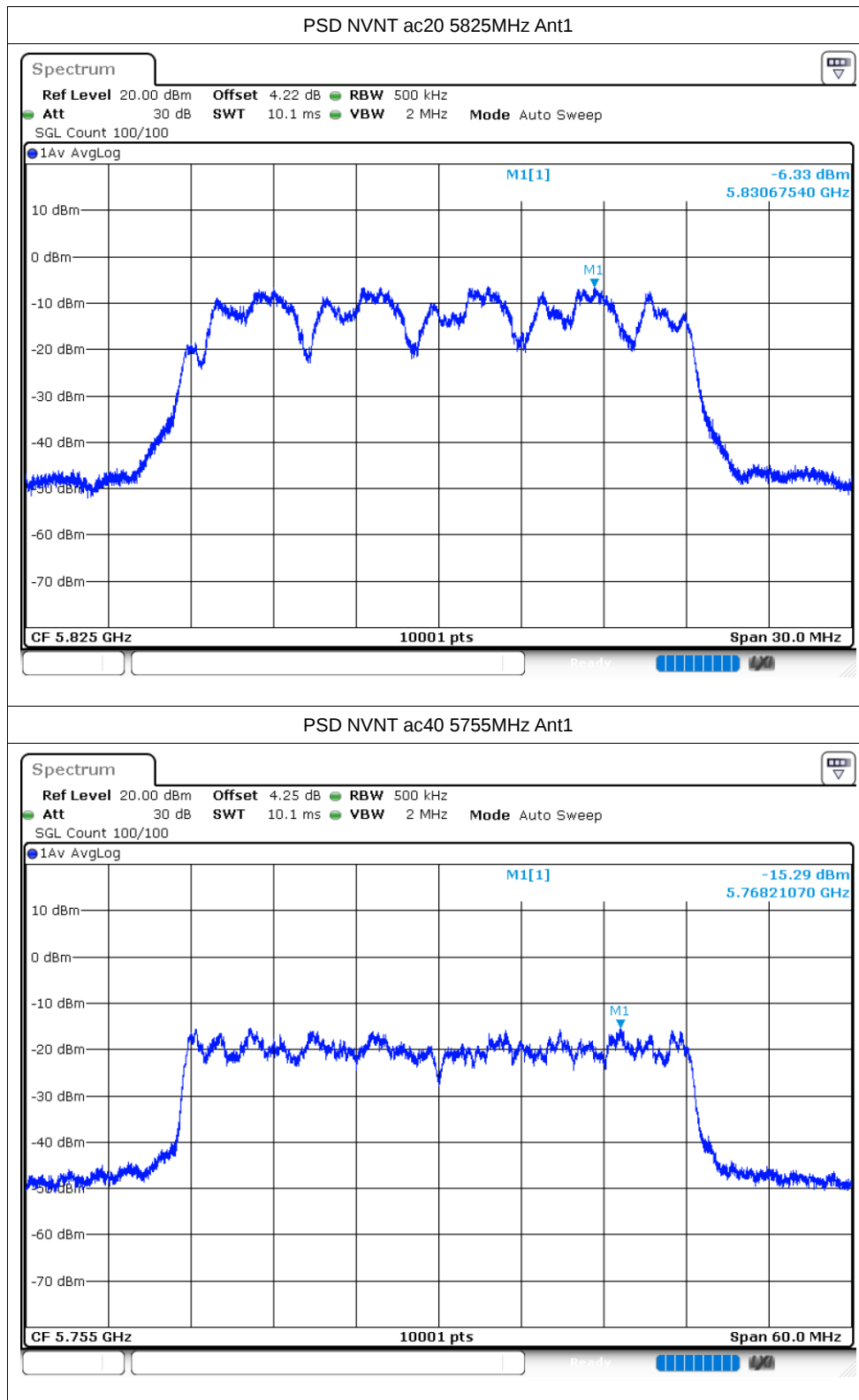


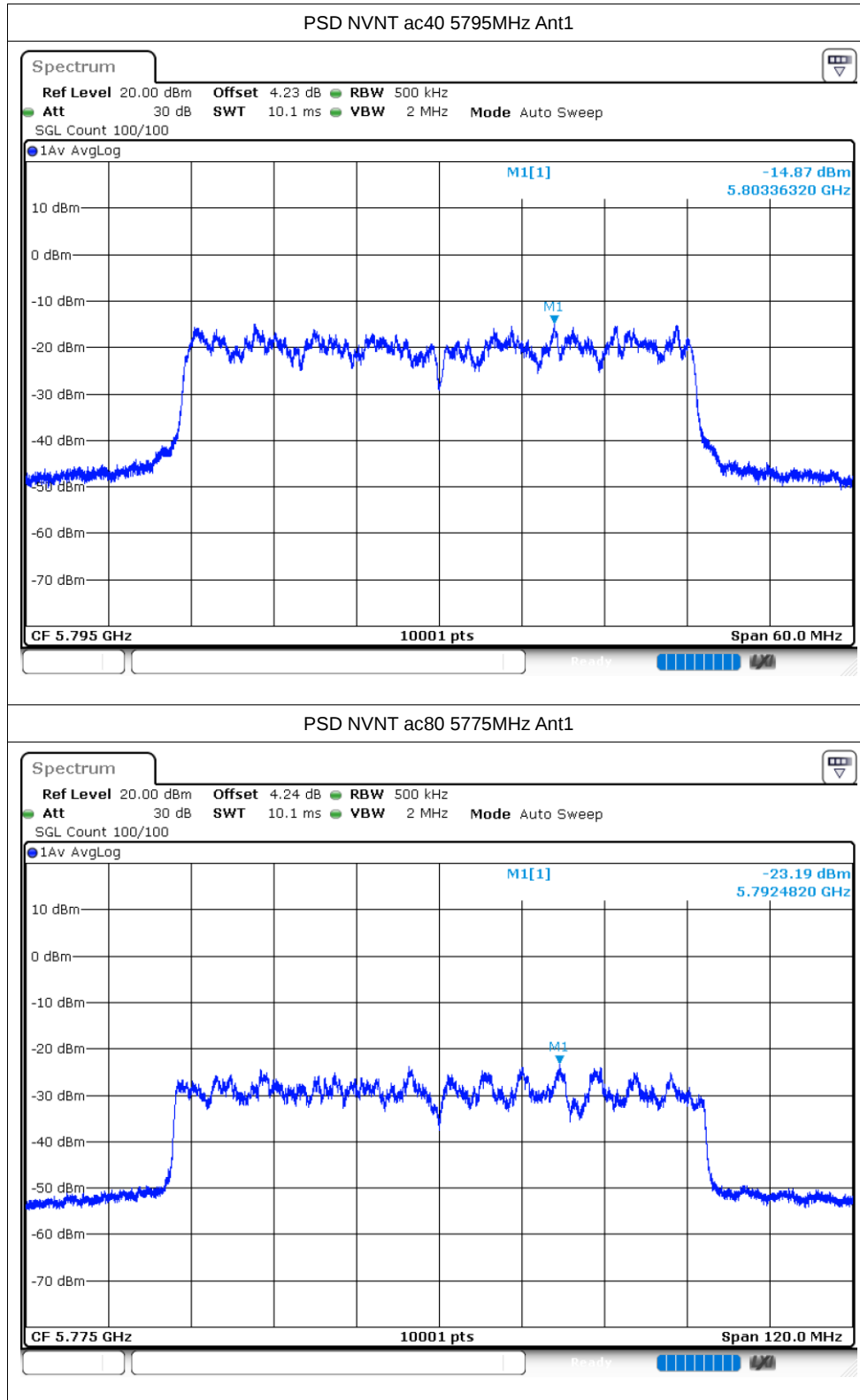










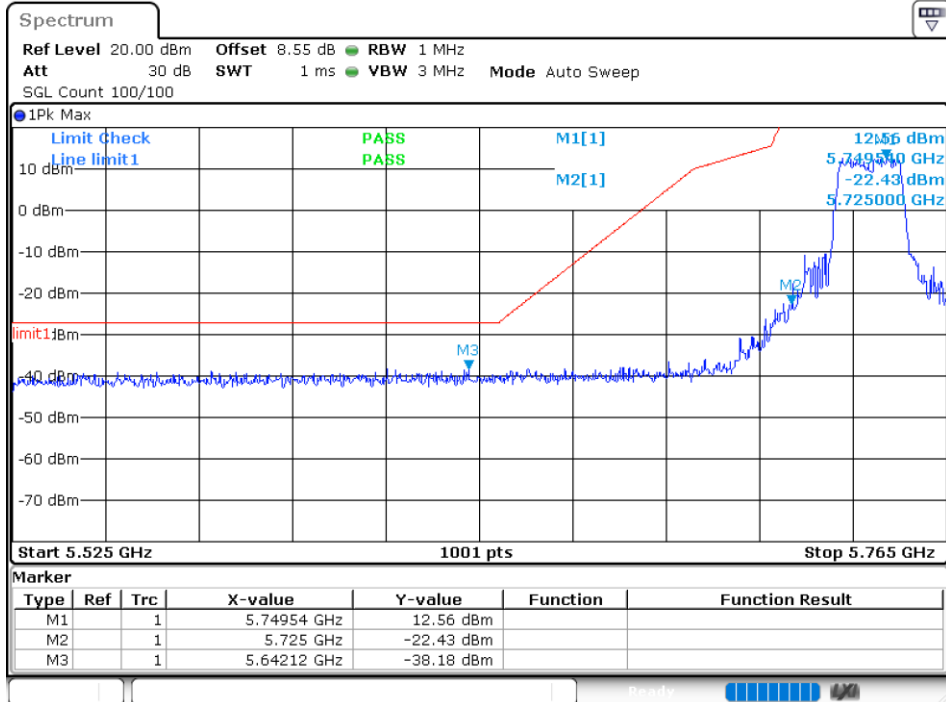


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-38.17	-27	Pass
NVNT	a	5825	Ant1	-36.77	-27	Pass
NVNT	n20	5745	Ant1	-36.4	-27	Pass
NVNT	n20	5825	Ant1	-36.18	-27	Pass
NVNT	n40	5755	Ant1	-38.11	-27	Pass
NVNT	n40	5795	Ant1	-36.75	-27	Pass
NVNT	ac20	5745	Ant1	-37.18	-27	Pass
NVNT	ac20	5825	Ant1	-36.79	-27	Pass
NVNT	ac40	5755	Ant1	-38.05	-27	Pass
NVNT	ac40	5795	Ant1	-36.41	-26.94	Pass
NVNT	ac80	5755	Ant1	-36.93	-27	Pass
NVNT	ac80	5755	Ant1	-37.62	-27	Pass

Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1

