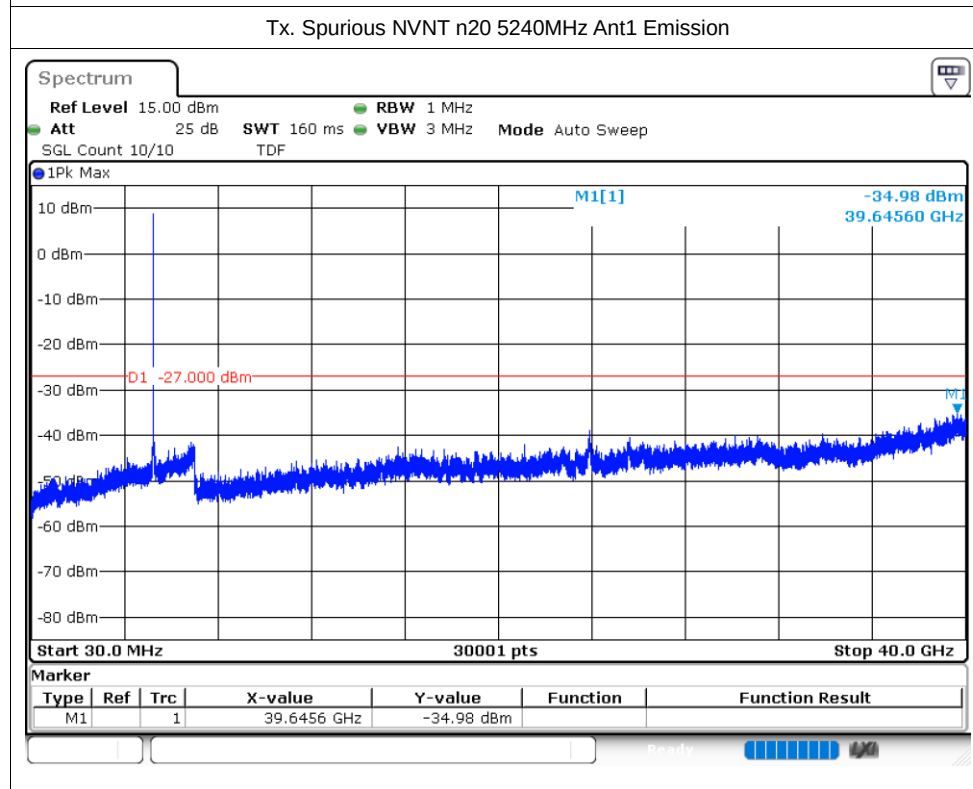
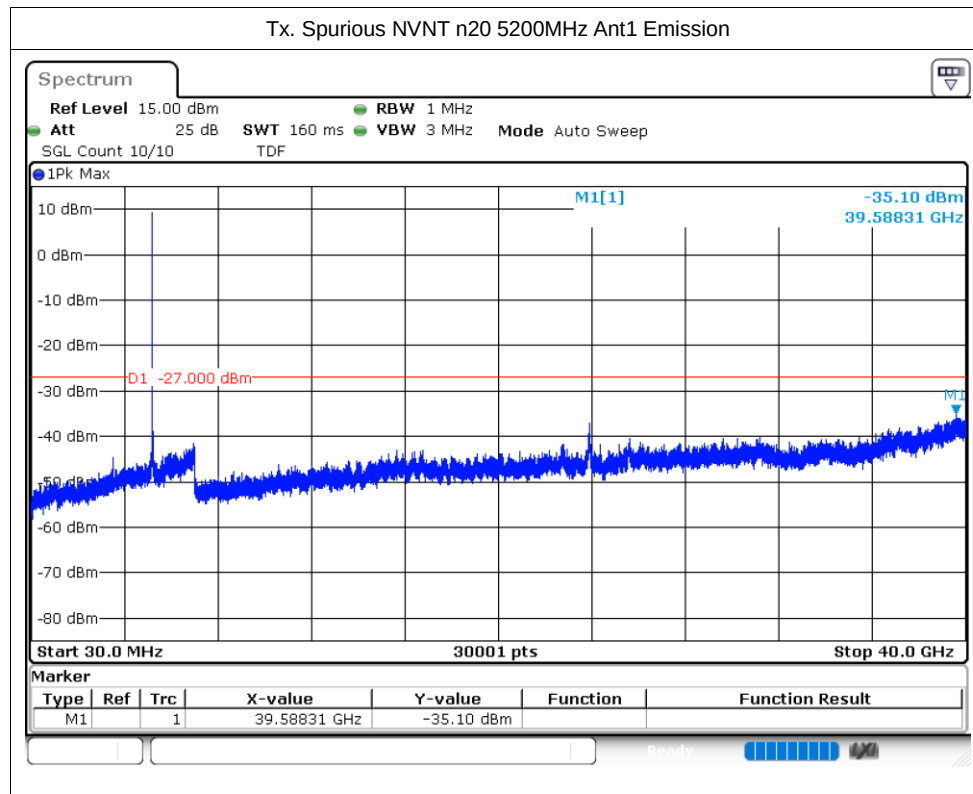
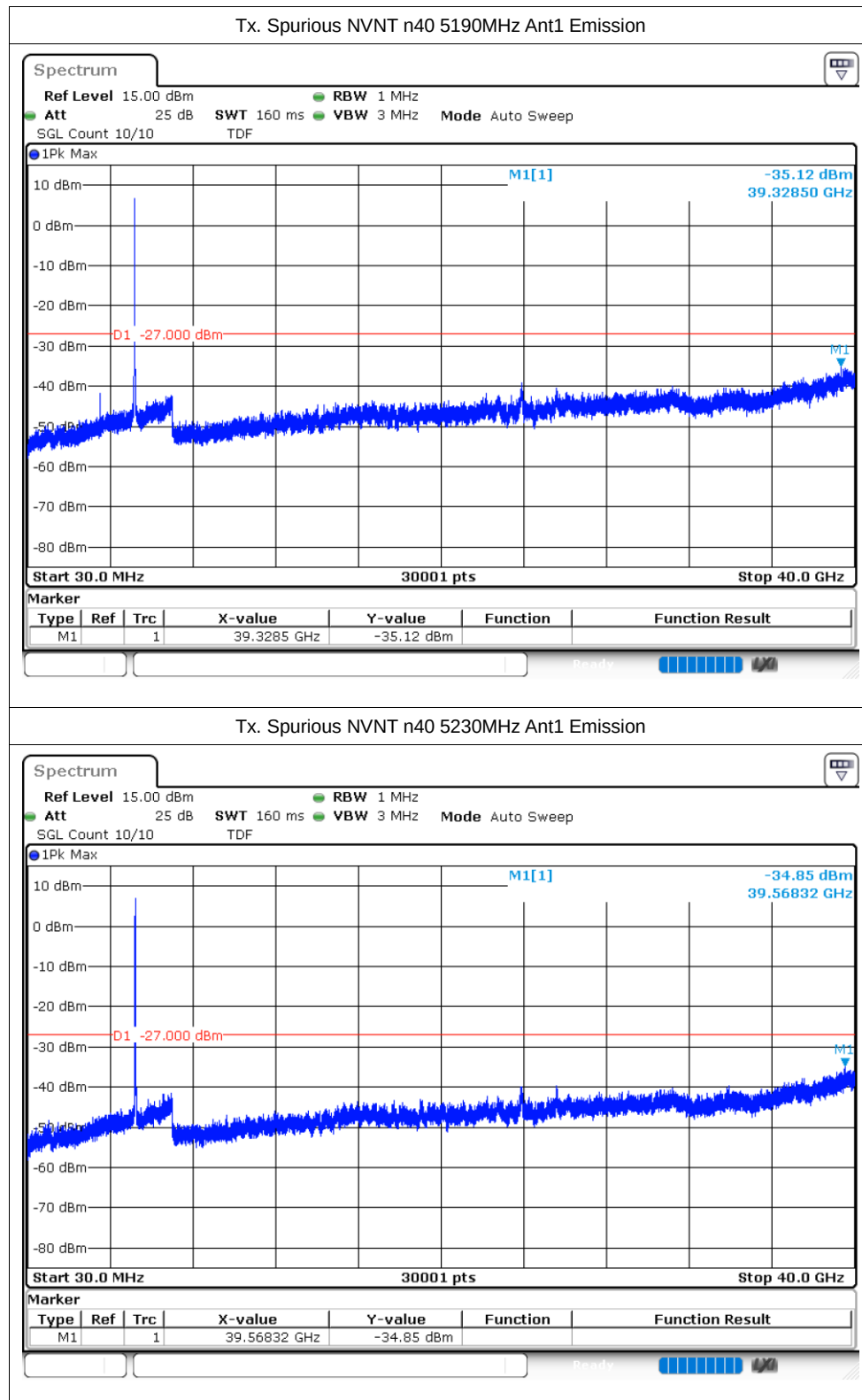
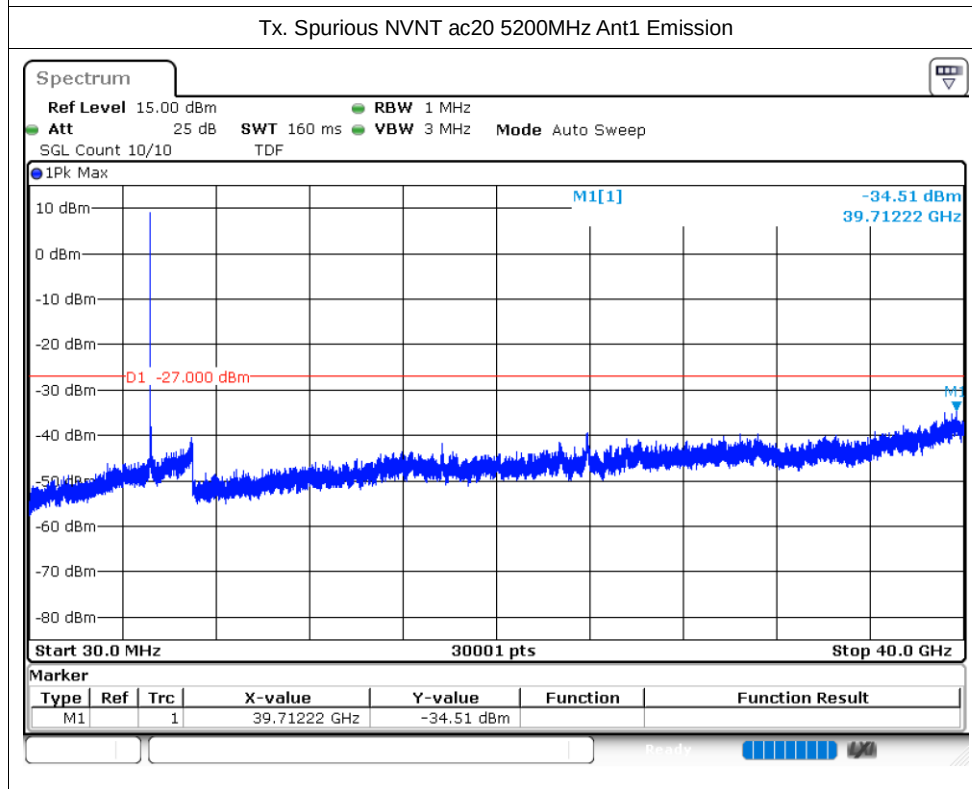
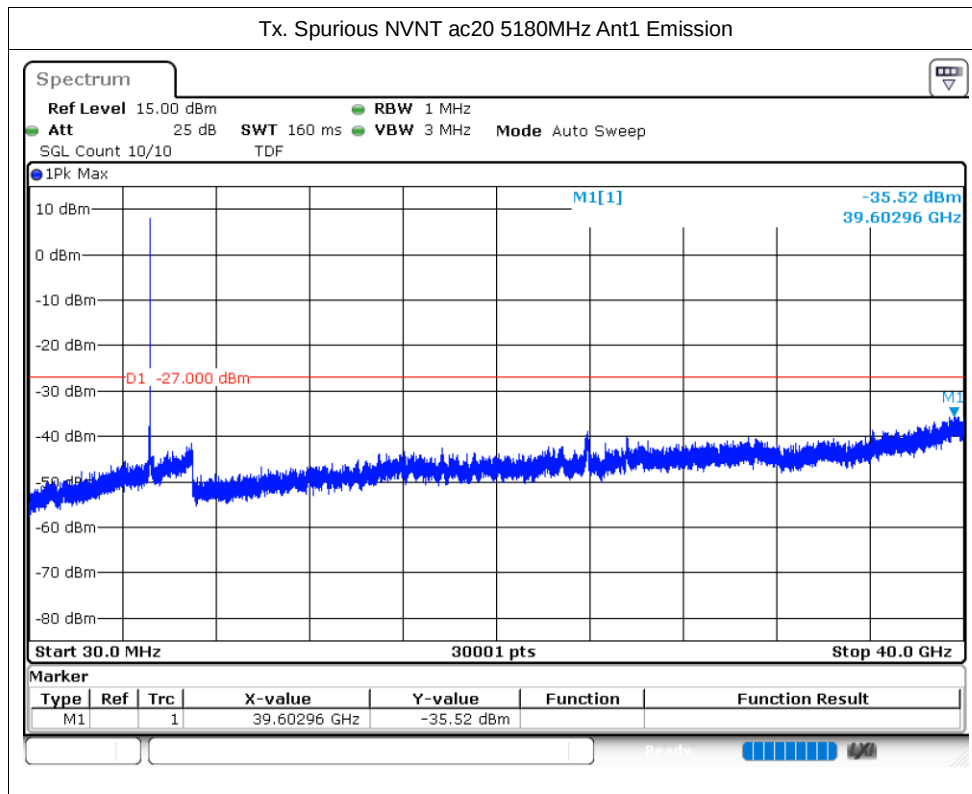
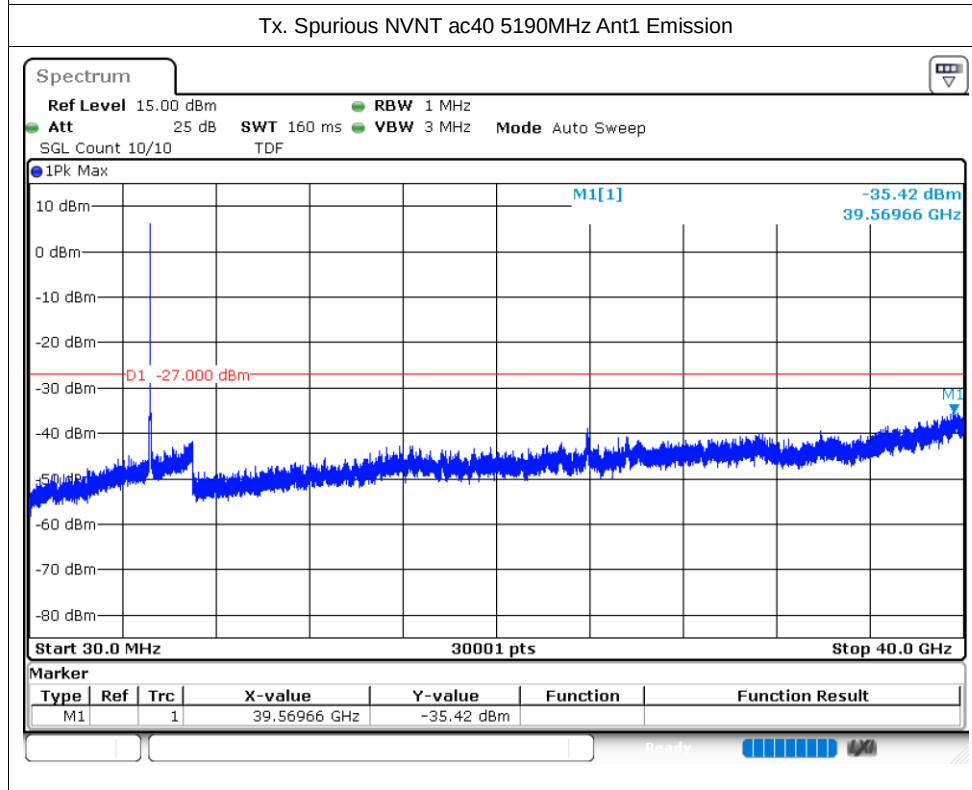
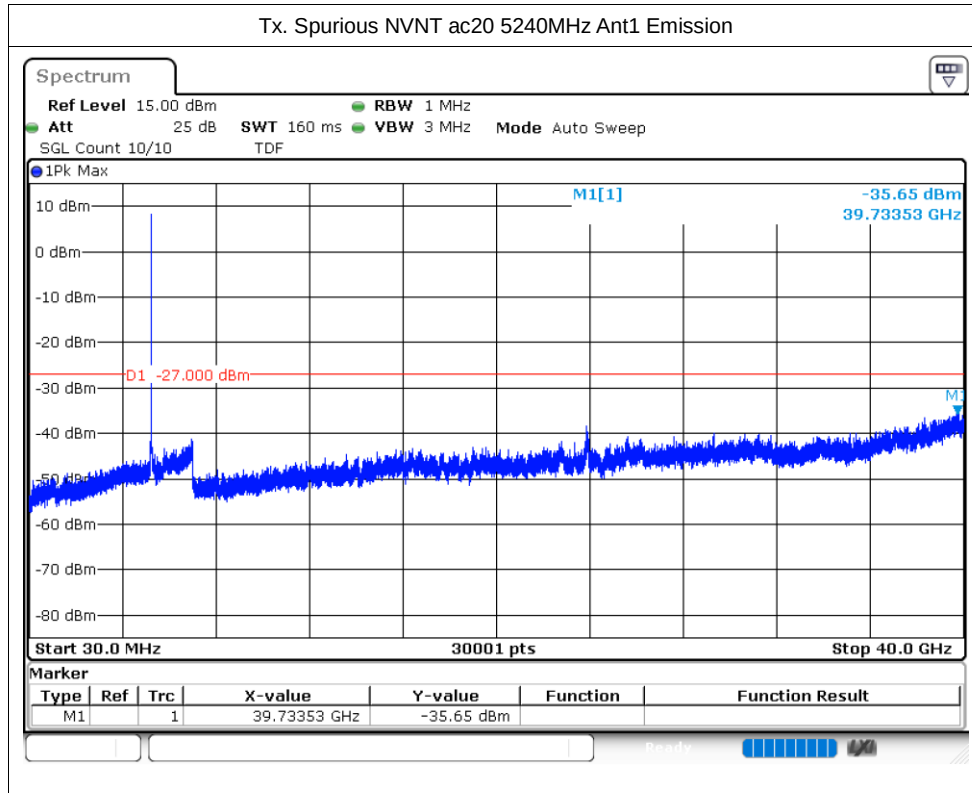
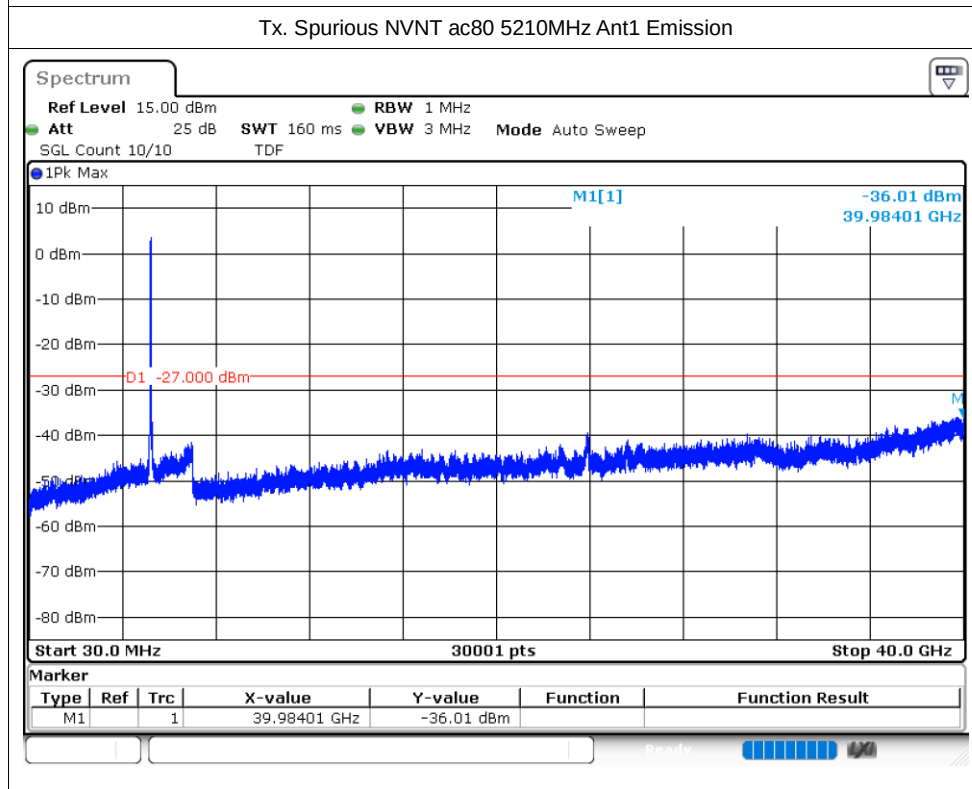
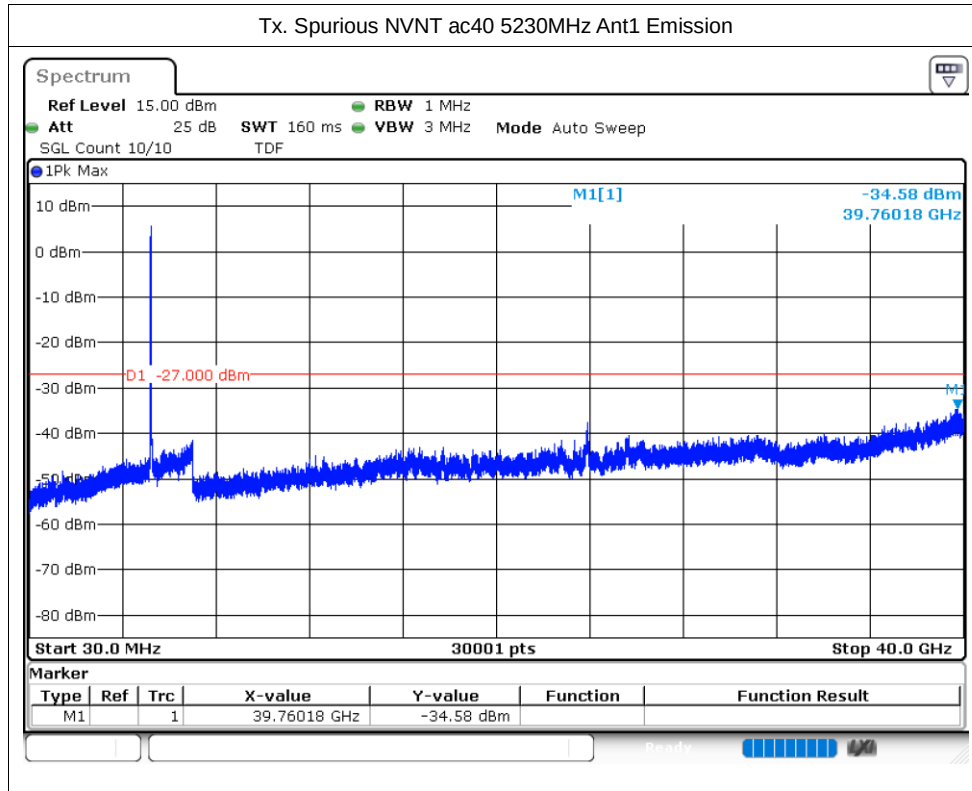












5.8G WIFI

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.18	0.08	0.72
NVNT	a	5785	Ant1	98.2	0.08	0.72
NVNT	a	5825	Ant1	98.19	0.08	0.72
NVNT	n20	5745	Ant1	98.06	0.09	0.77
NVNT	n20	5785	Ant1	98.06	0.09	0.77
NVNT	n20	5825	Ant1	98.06	0.09	0.77
NVNT	n40	5755	Ant1	96.4	0.16	1.54
NVNT	n40	5795	Ant1	96.33	0.16	1.56
NVNT	ac20	5745	Ant1	98.1	0.08	0.76
NVNT	ac20	5785	Ant1	98.07	0.08	0.76
NVNT	ac20	5825	Ant1	98.1	0.08	0.76
NVNT	ac40	5755	Ant1	96.37	0.16	1.54
NVNT	ac40	5795	Ant1	96.34	0.16	1.54
NVNT	ac80	5775	Ant1	93.16	0.31	3.03

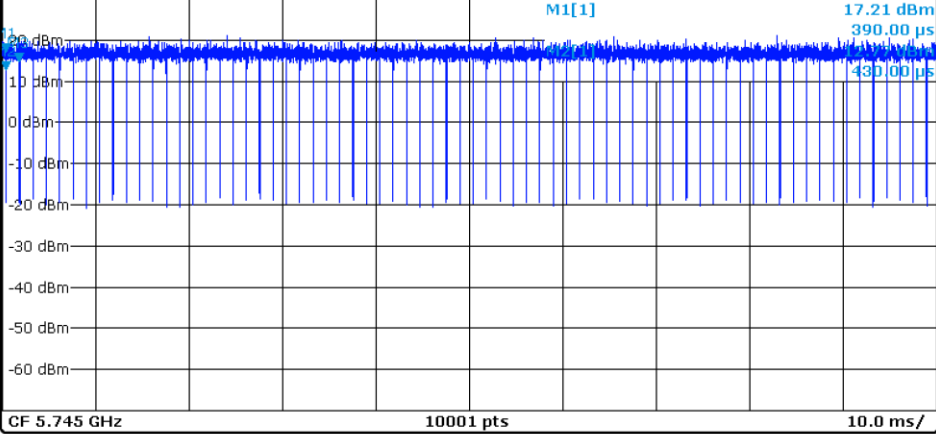
Test Graphs

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

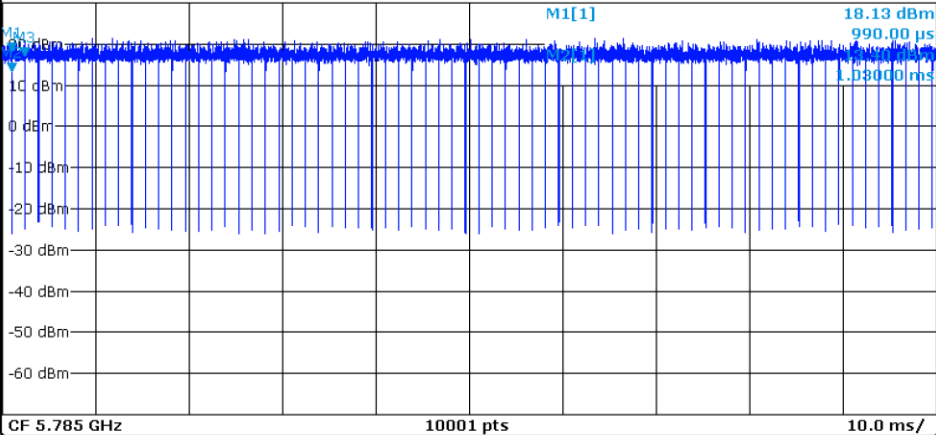
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		390.0 μs	17.21 dBm		
M2	1		430.0 μs	12.77 dBm		
M3	1		1.82 ms	14.69 dBm		

Duty Cycle NVNT a 5785MHz Ant1

Spectrum

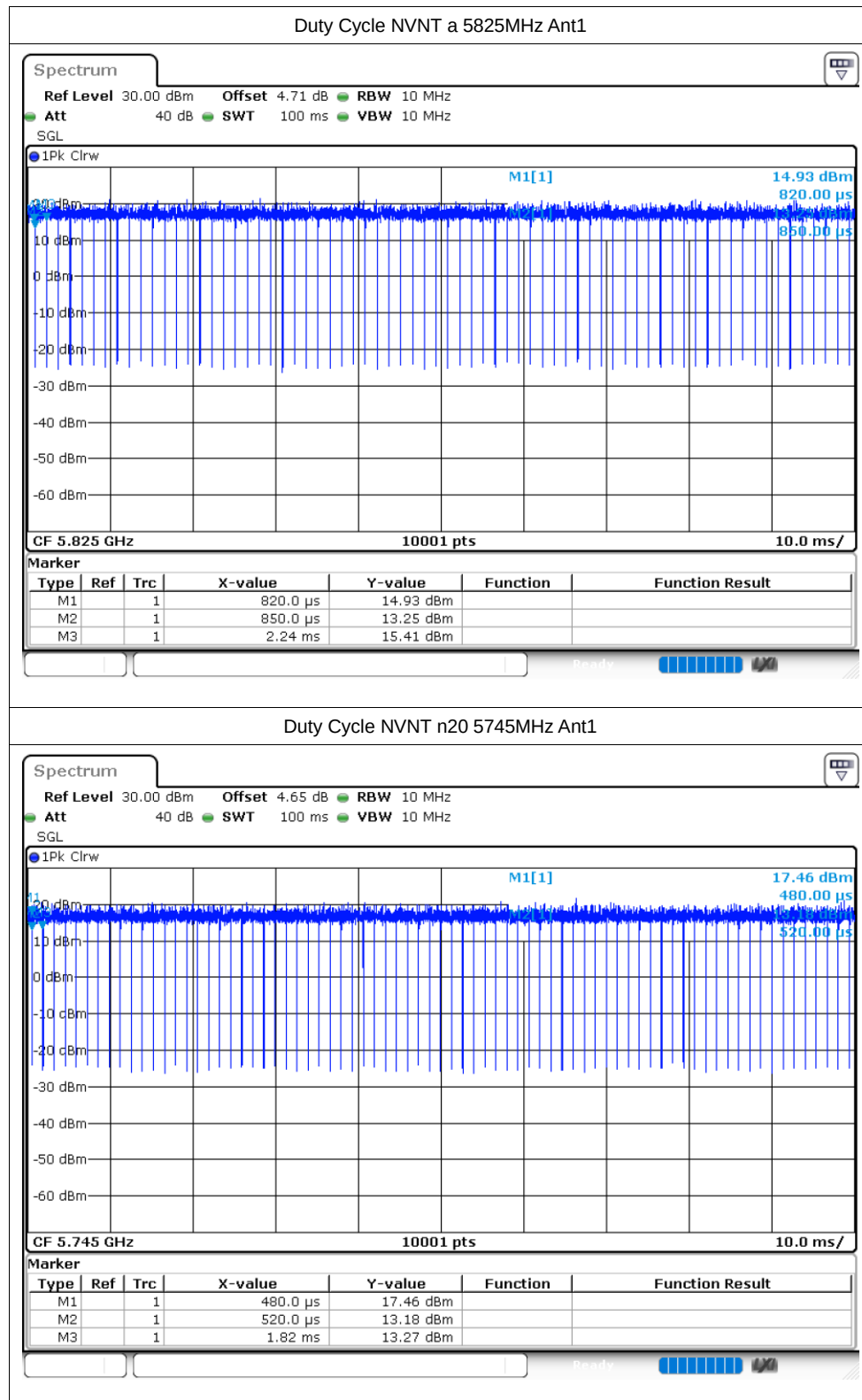
Ref Level 30.00 dBm Offset 4.71 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

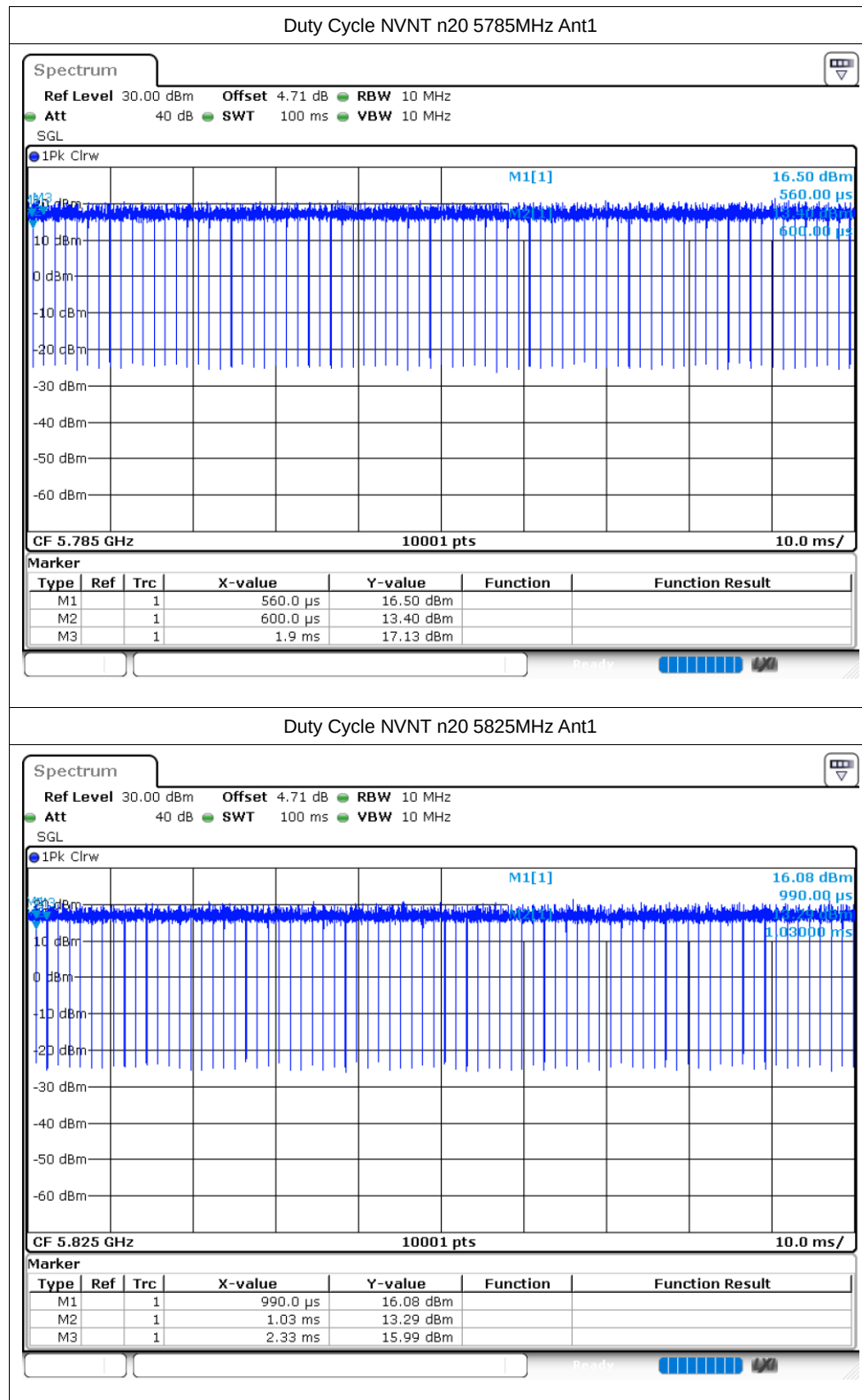
1Pk Clrw

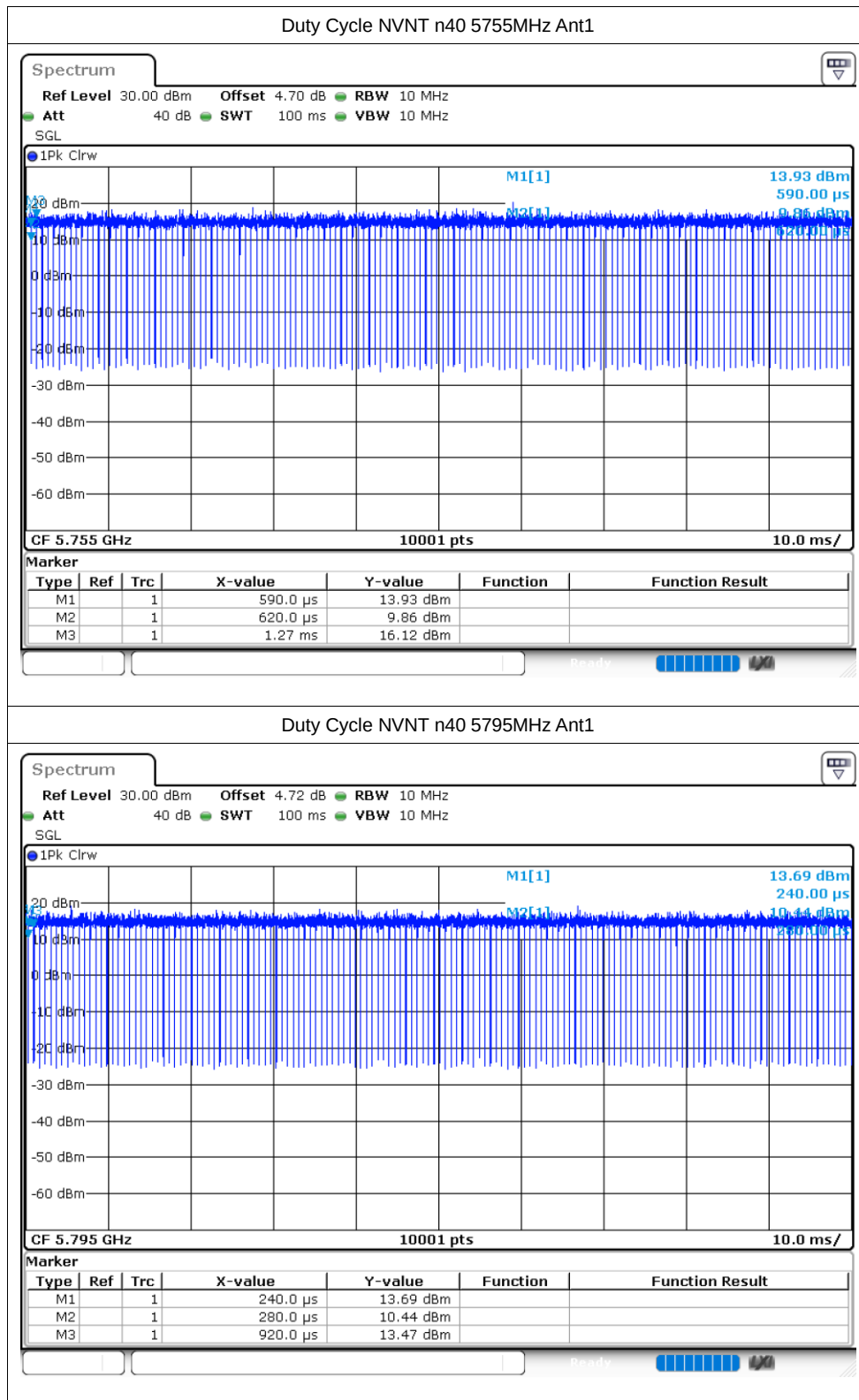


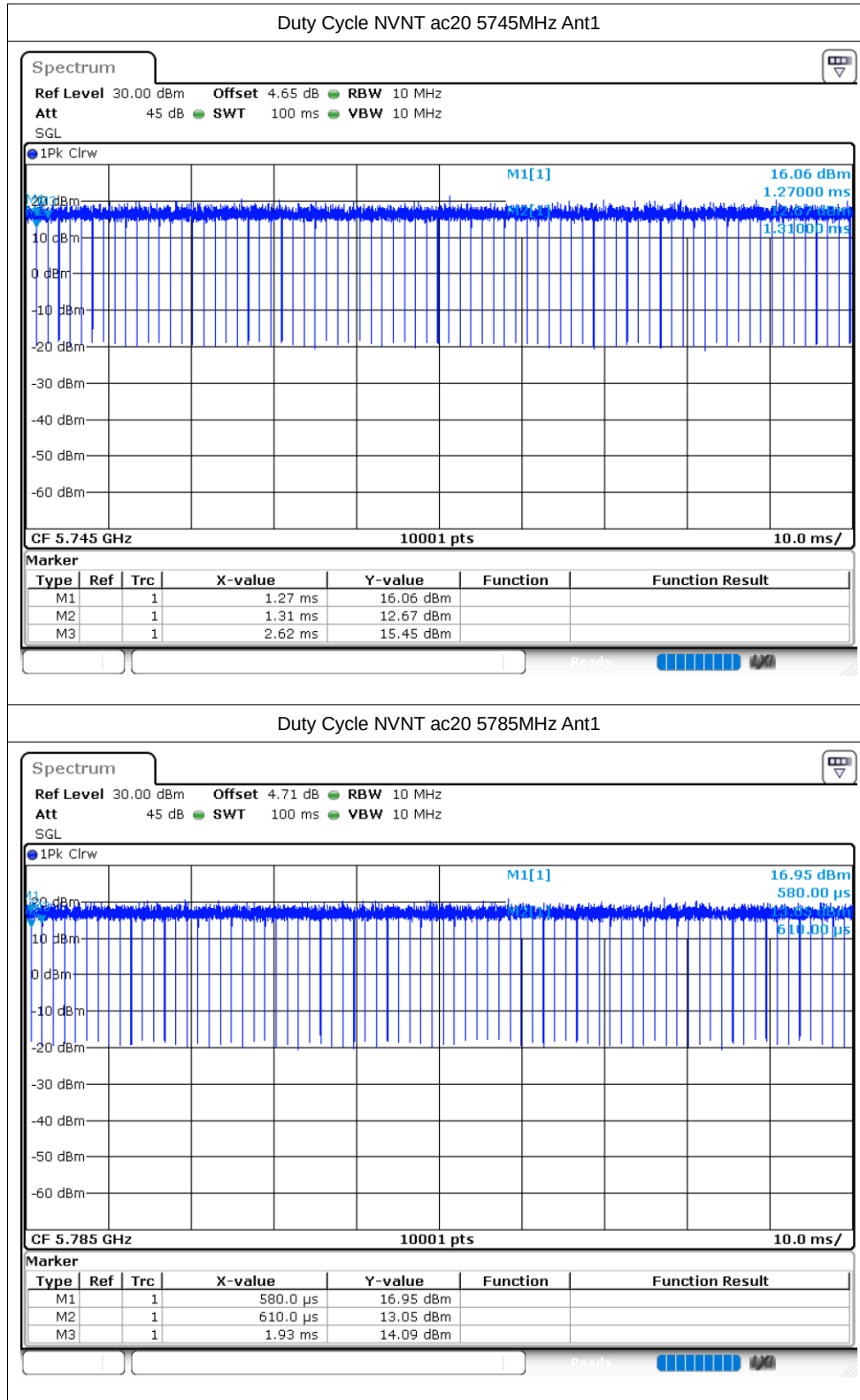
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		990.0 μs	18.13 dBm		
M2	1		1.03 ms	13.40 dBm		
M3	1		2.42 ms	17.19 dBm		







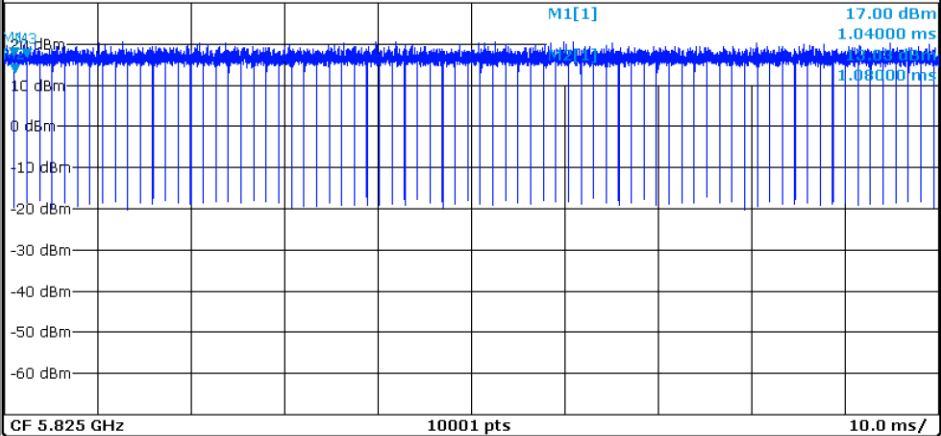


Duty Cycle NVNT ac20 5825MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.71 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



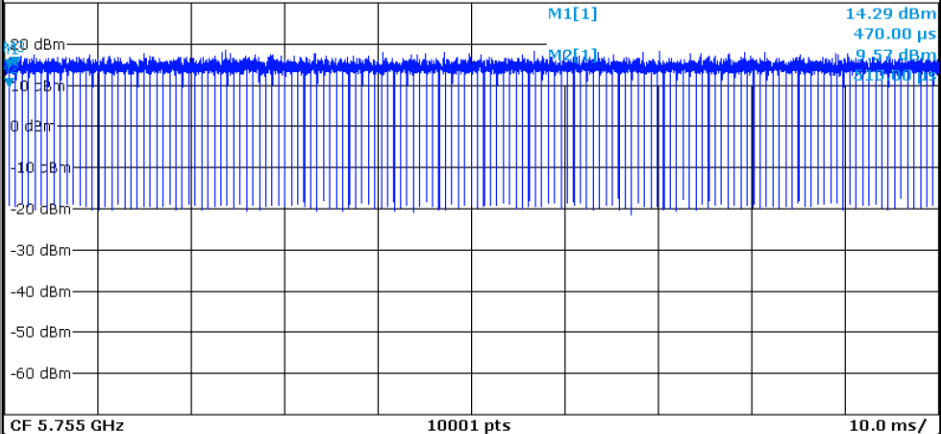
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.04 ms	17.00 dBm		
M2		1	1.08 ms	13.03 dBm		
M3		1	2.39 ms	16.71 dBm		

Duty Cycle NVNT ac40 5755MHz Ant1

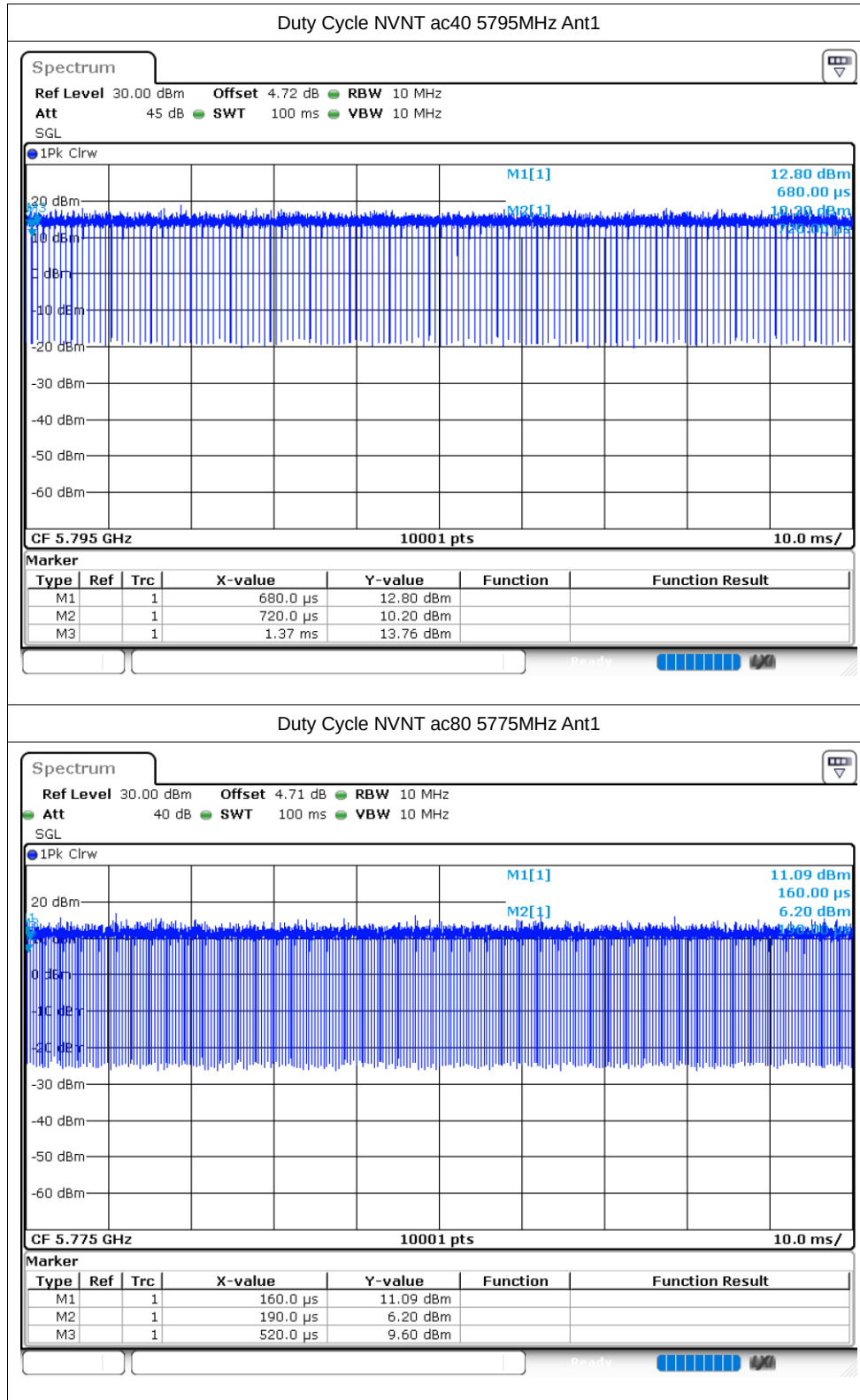
Spectrum

Ref Level 30.00 dBm Offset 4.70 dB RBW 10 MHz
Att 45 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	470.0 μs	14.29 dBm		
M2		1	510.0 μs	9.57 dBm		
M3		1	1.16 ms	14.89 dBm		



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.7	30	Pass
NVNT	a	5785	Ant1	11.95	30	Pass
NVNT	a	5825	Ant1	12.28	30	Pass
NVNT	n20	5745	Ant1	11.45	30	Pass
NVNT	n20	5785	Ant1	12.27	30	Pass
NVNT	n20	5825	Ant1	12.28	30	Pass
NVNT	n40	5755	Ant1	11.66	30	Pass
NVNT	n40	5795	Ant1	12.09	30	Pass
NVNT	ac20	5745	Ant1	11.54	30	Pass
NVNT	ac20	5785	Ant1	11.96	30	Pass
NVNT	ac20	5825	Ant1	12.3	30	Pass
NVNT	ac40	5755	Ant1	11.6	30	Pass
NVNT	ac40	5795	Ant1	12.21	30	Pass
NVNT	ac80	5775	Ant1	11.86	30	Pass

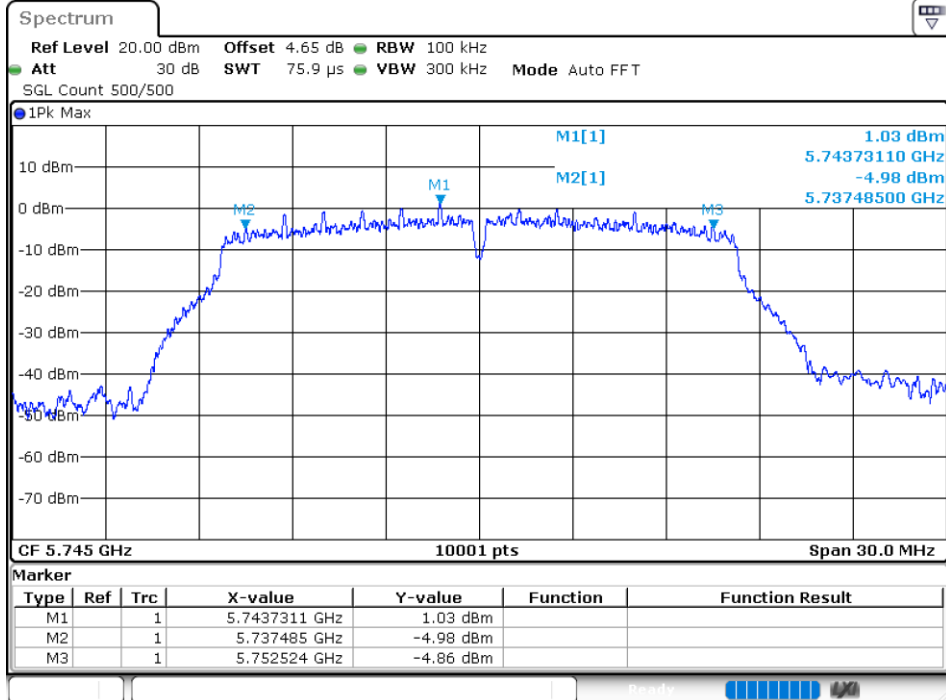
Note: The average power value already includes the duty cycle factor.

-6dB Bandwidth

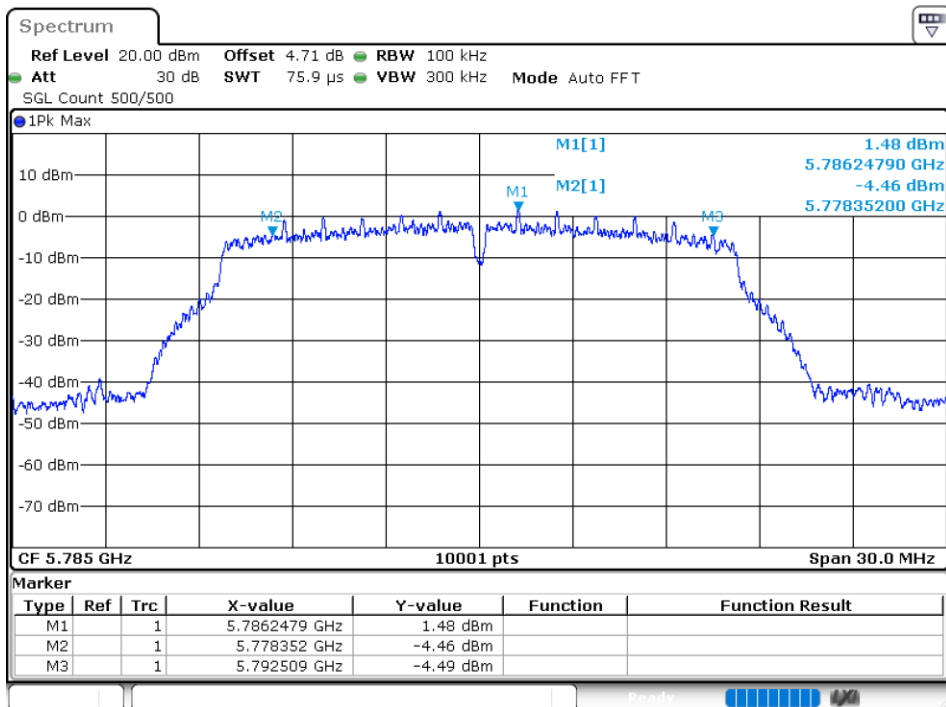
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.039	0.5	Pass
NVNT	a	5785	Ant1	14.157	0.5	Pass
NVNT	a	5825	Ant1	14.037	0.5	Pass
NVNT	n20	5745	Ant1	17.274	0.5	Pass
NVNT	n20	5785	Ant1	15.042	0.5	Pass
NVNT	n20	5825	Ant1	15.006	0.5	Pass
NVNT	n40	5755	Ant1	35.082	0.5	Pass
NVNT	n40	5795	Ant1	35.1	0.5	Pass
NVNT	ac20	5745	Ant1	15.048	0.5	Pass
NVNT	ac20	5785	Ant1	12.969	0.5	Pass
NVNT	ac20	5825	Ant1	14.37	0.5	Pass
NVNT	ac40	5755	Ant1	35.064	0.5	Pass
NVNT	ac40	5795	Ant1	35.1	0.5	Pass
NVNT	ac80	5775	Ant1	73.836	0.5	Pass

Test Graphs

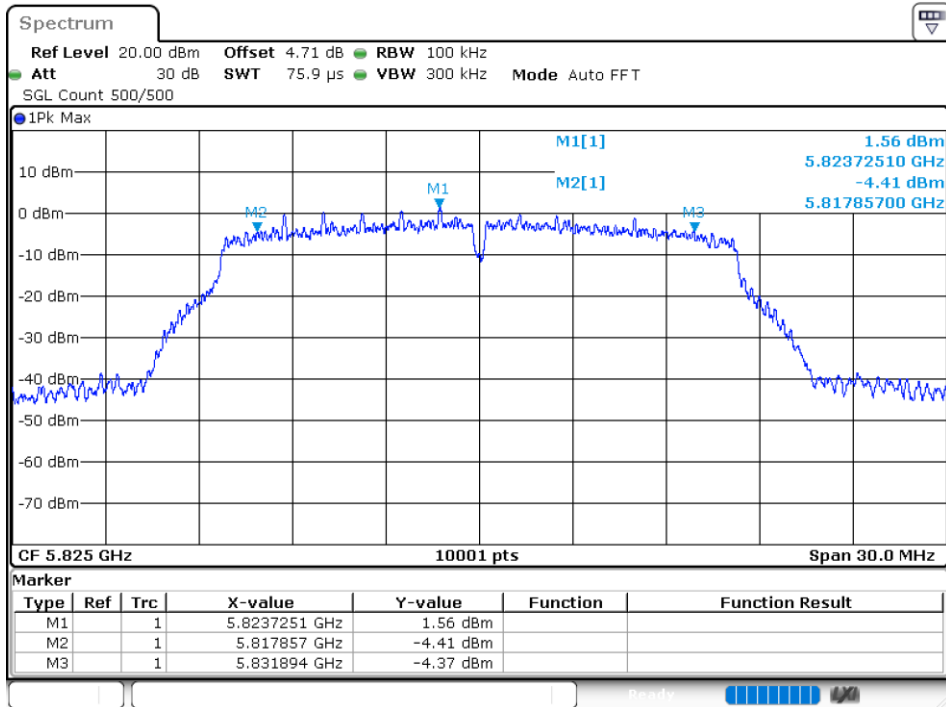
-6dB Bandwidth NVNT a 5745MHz Ant1



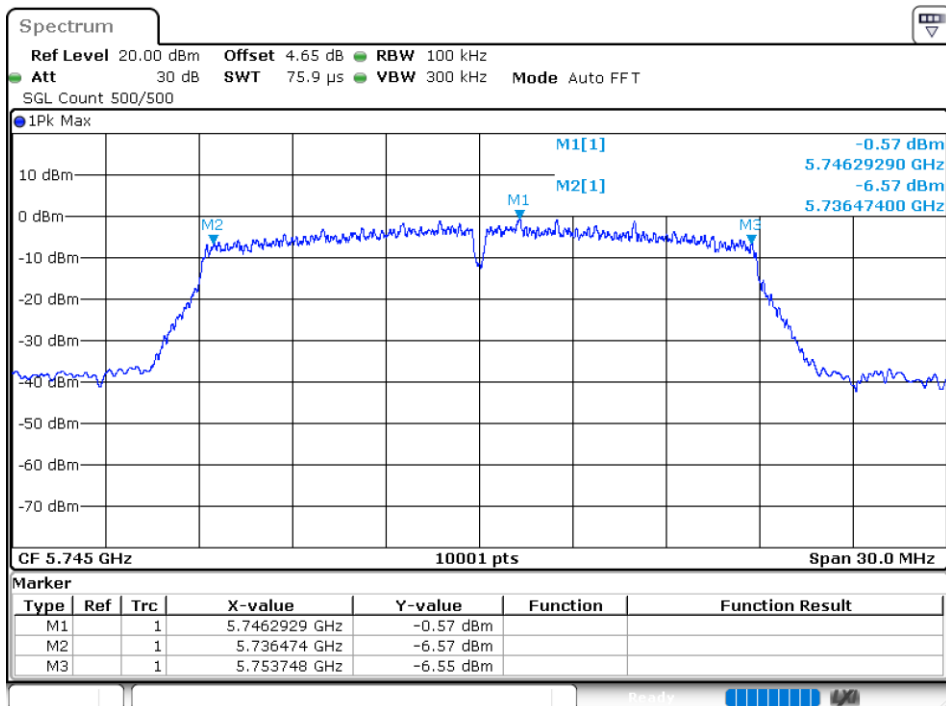
-6dB Bandwidth NVNT a 5785MHz Ant1



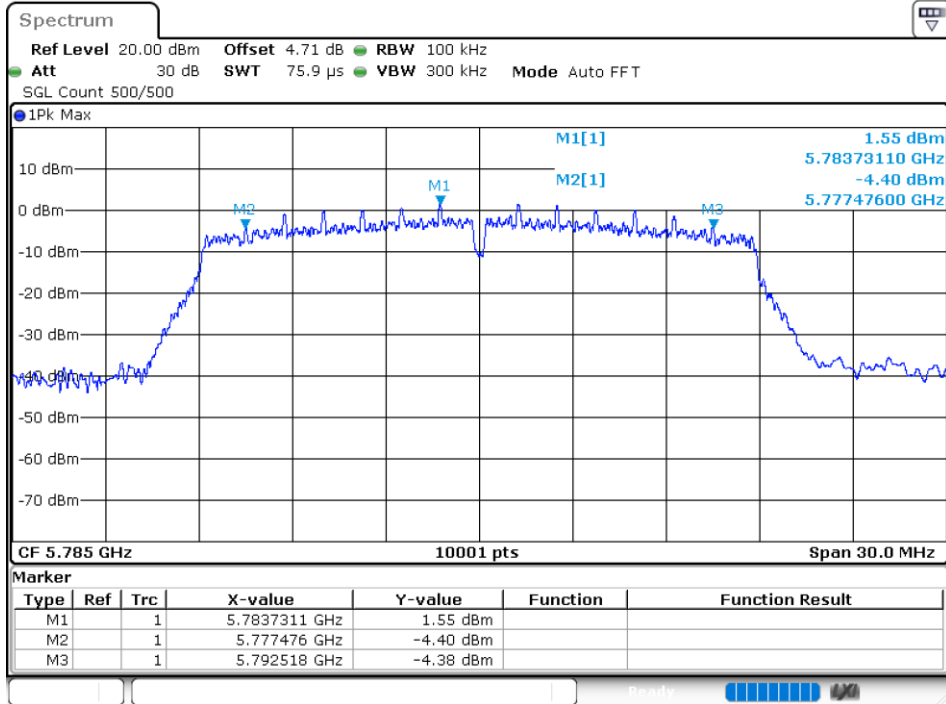
-6dB Bandwidth NVNT a 5825MHz Ant1



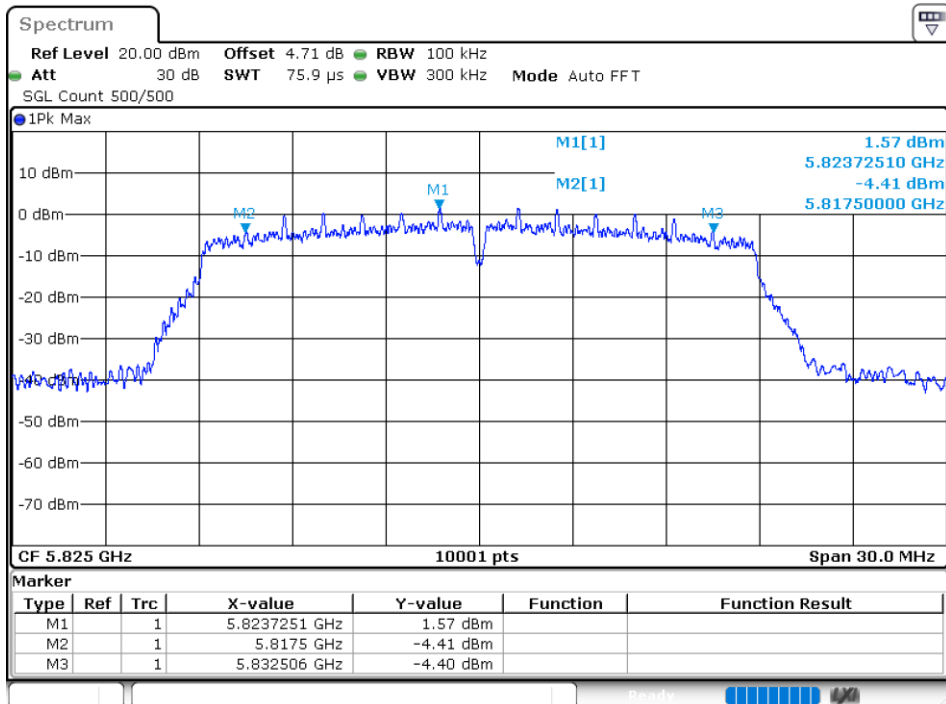
-6dB Bandwidth NVNT n20 5745MHz Ant1

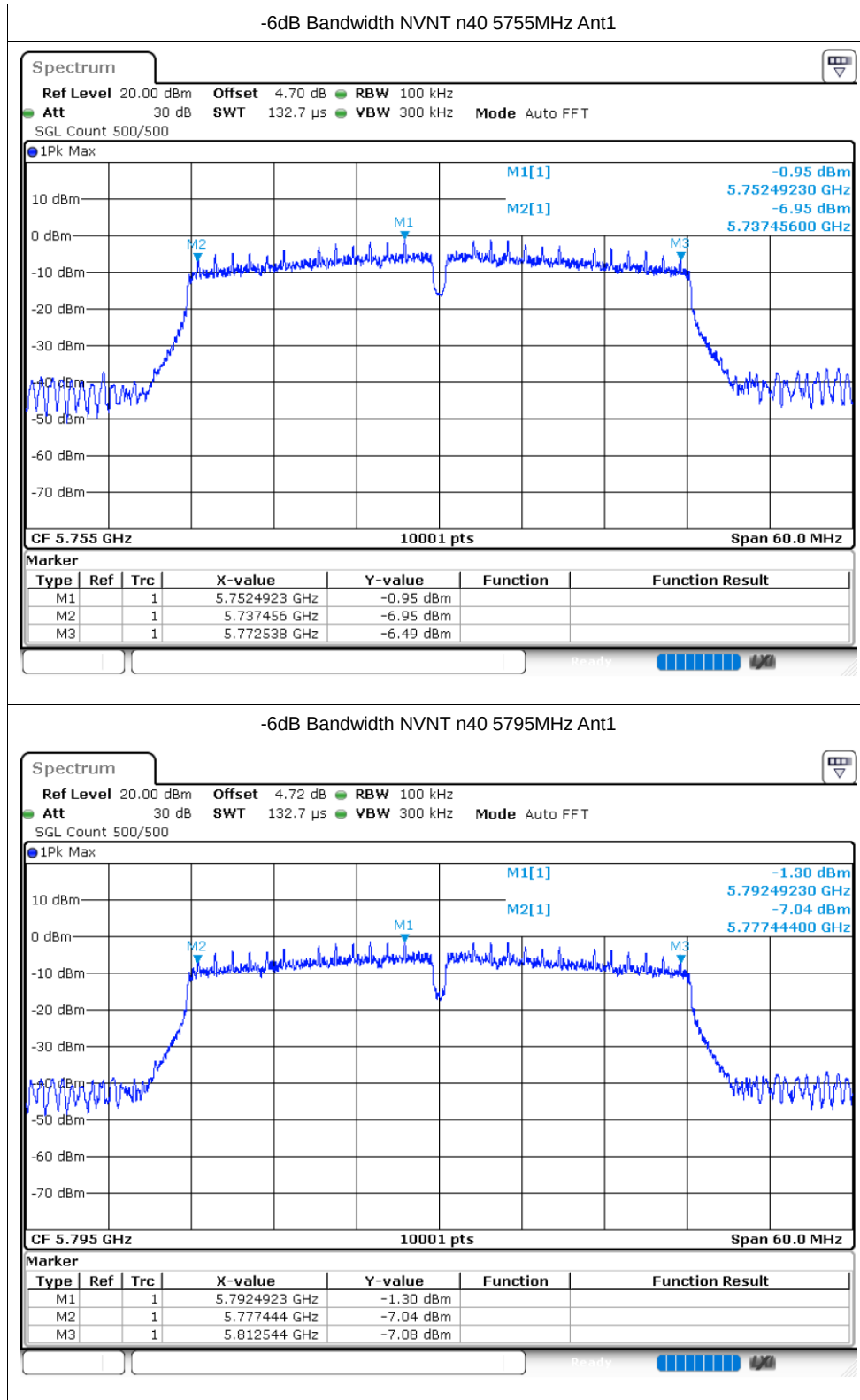


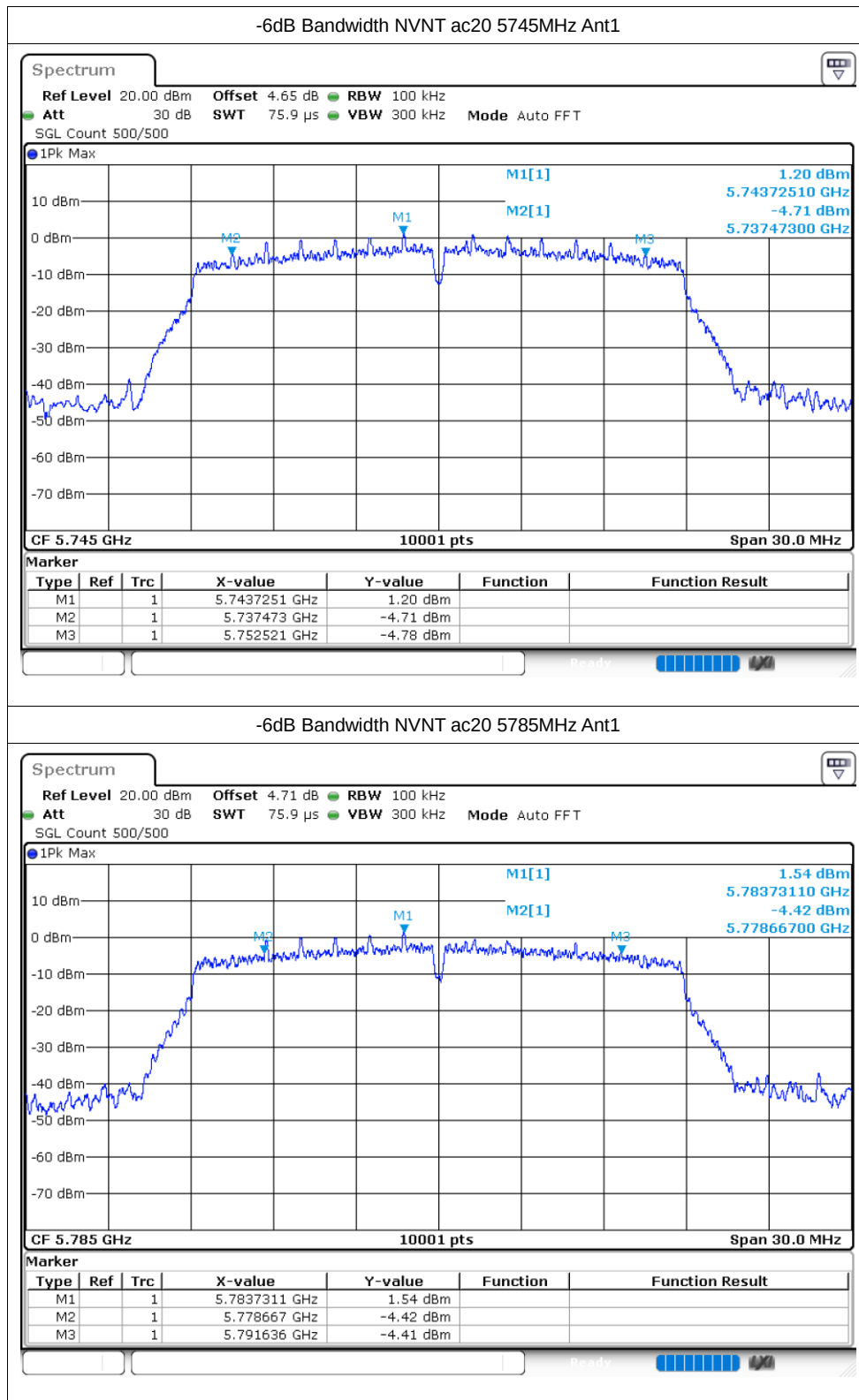
-6dB Bandwidth NVNT n20 5785MHz Ant1

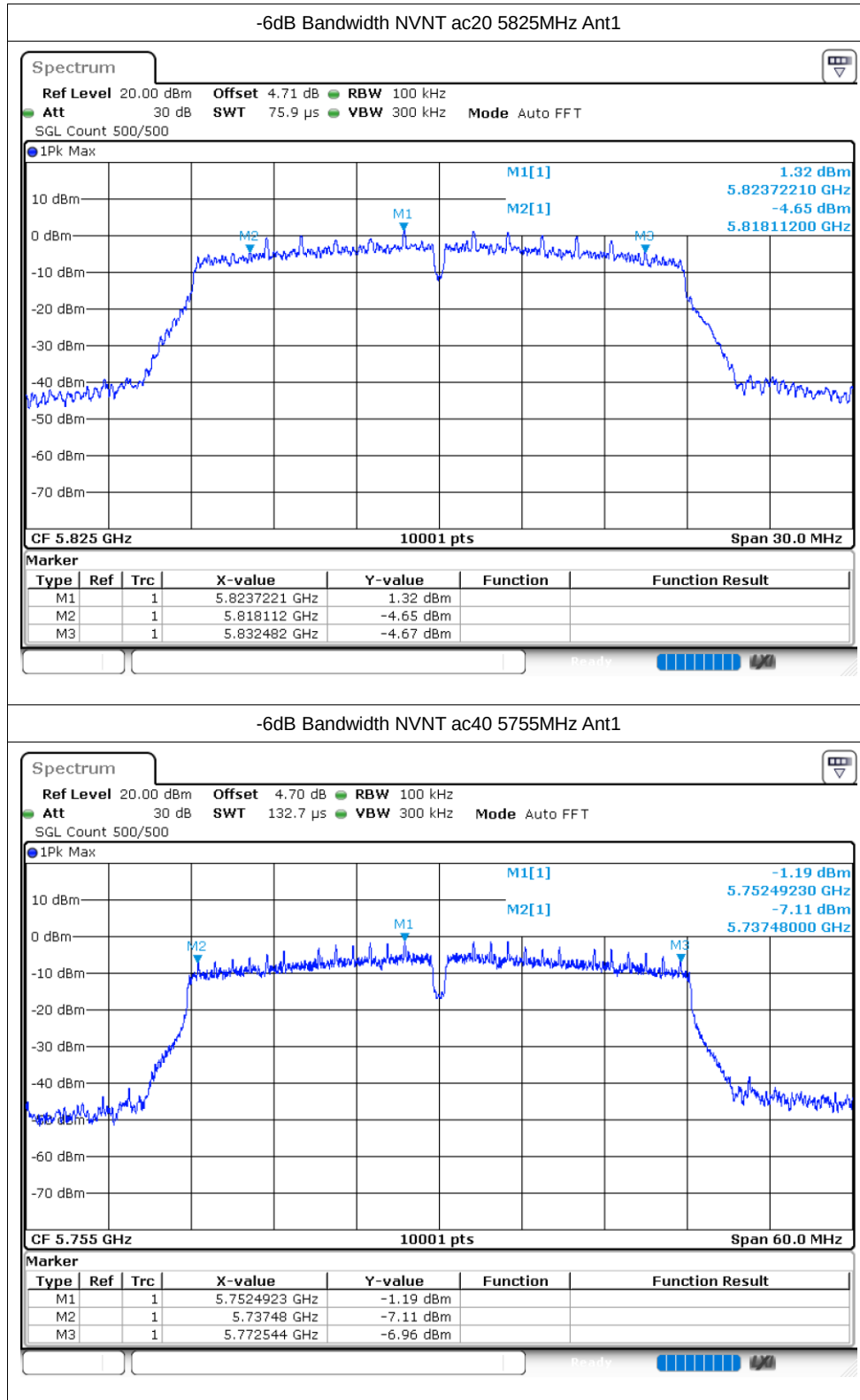


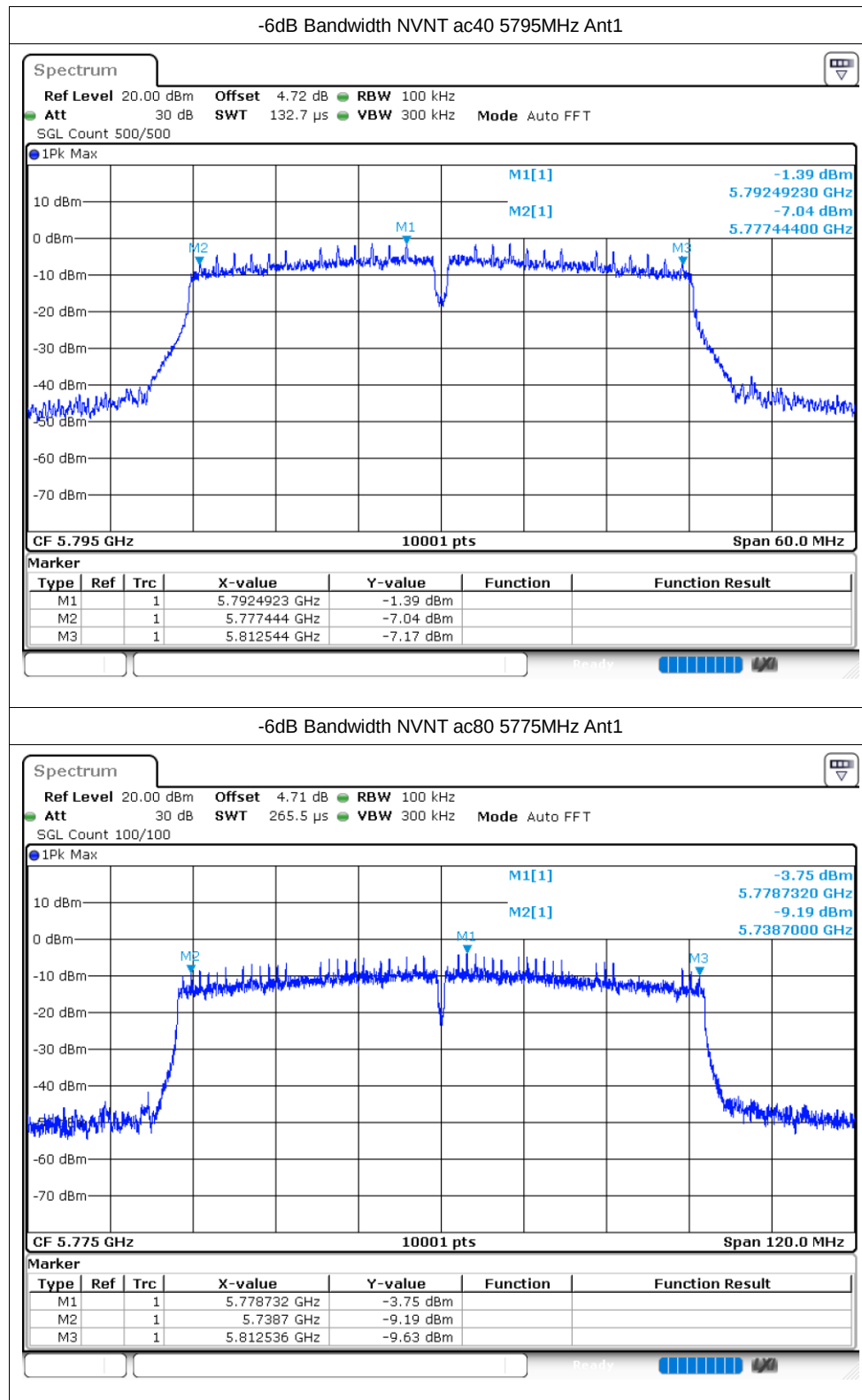
-6dB Bandwidth NVNT n20 5825MHz Ant1









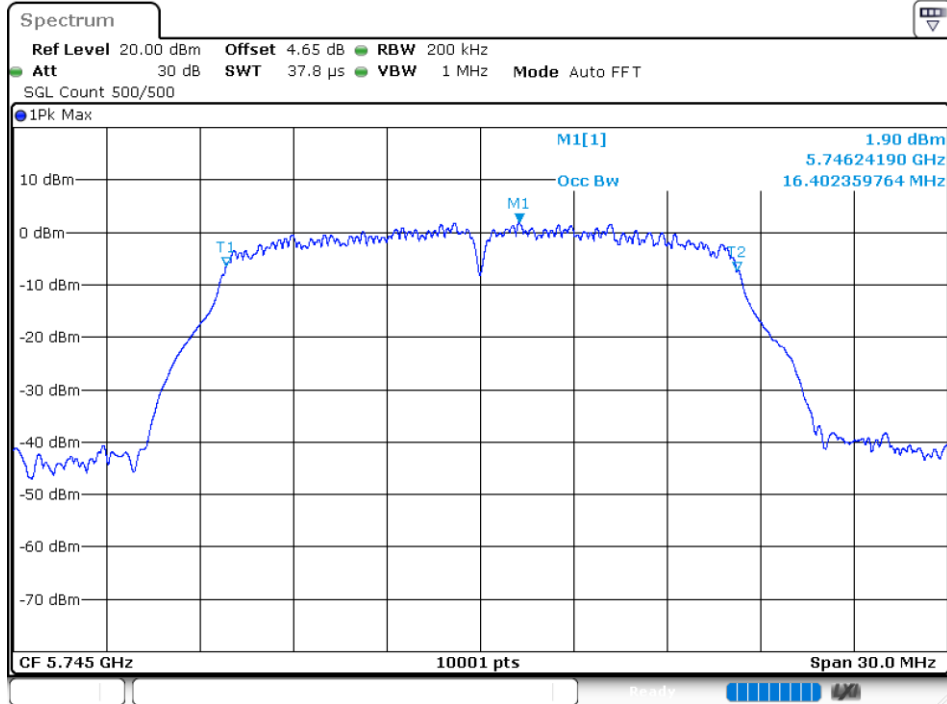


Occupied Channel Bandwidth

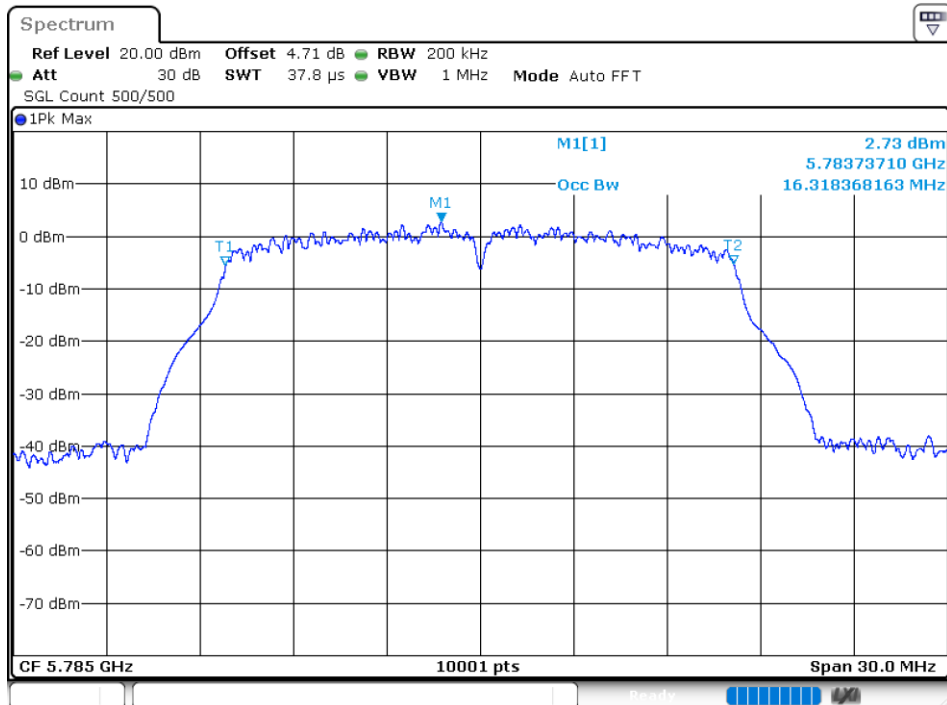
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.402
NVNT	a	5785	Ant1	16.318
NVNT	a	5825	Ant1	16.513
NVNT	n20	5745	Ant1	17.497
NVNT	n20	5785	Ant1	17.56
NVNT	n20	5825	Ant1	17.56
NVNT	n40	5755	Ant1	36.068
NVNT	n40	5795	Ant1	36.11
NVNT	ac20	5745	Ant1	17.557
NVNT	ac20	5785	Ant1	17.512
NVNT	ac20	5825	Ant1	17.503
NVNT	ac40	5755	Ant1	36.014
NVNT	ac40	5795	Ant1	36.086
NVNT	ac80	5775	Ant1	75.004

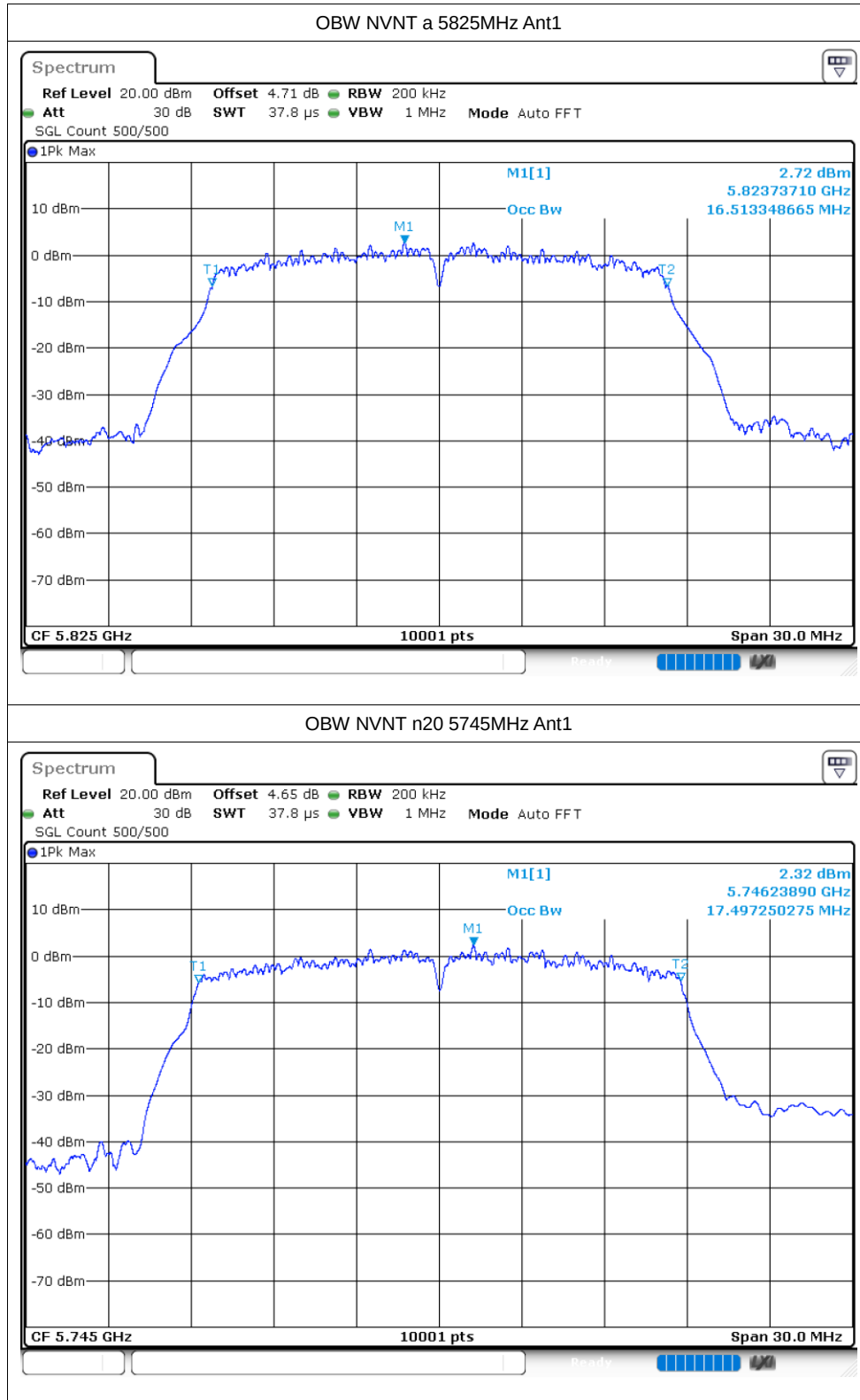
Test Graphs

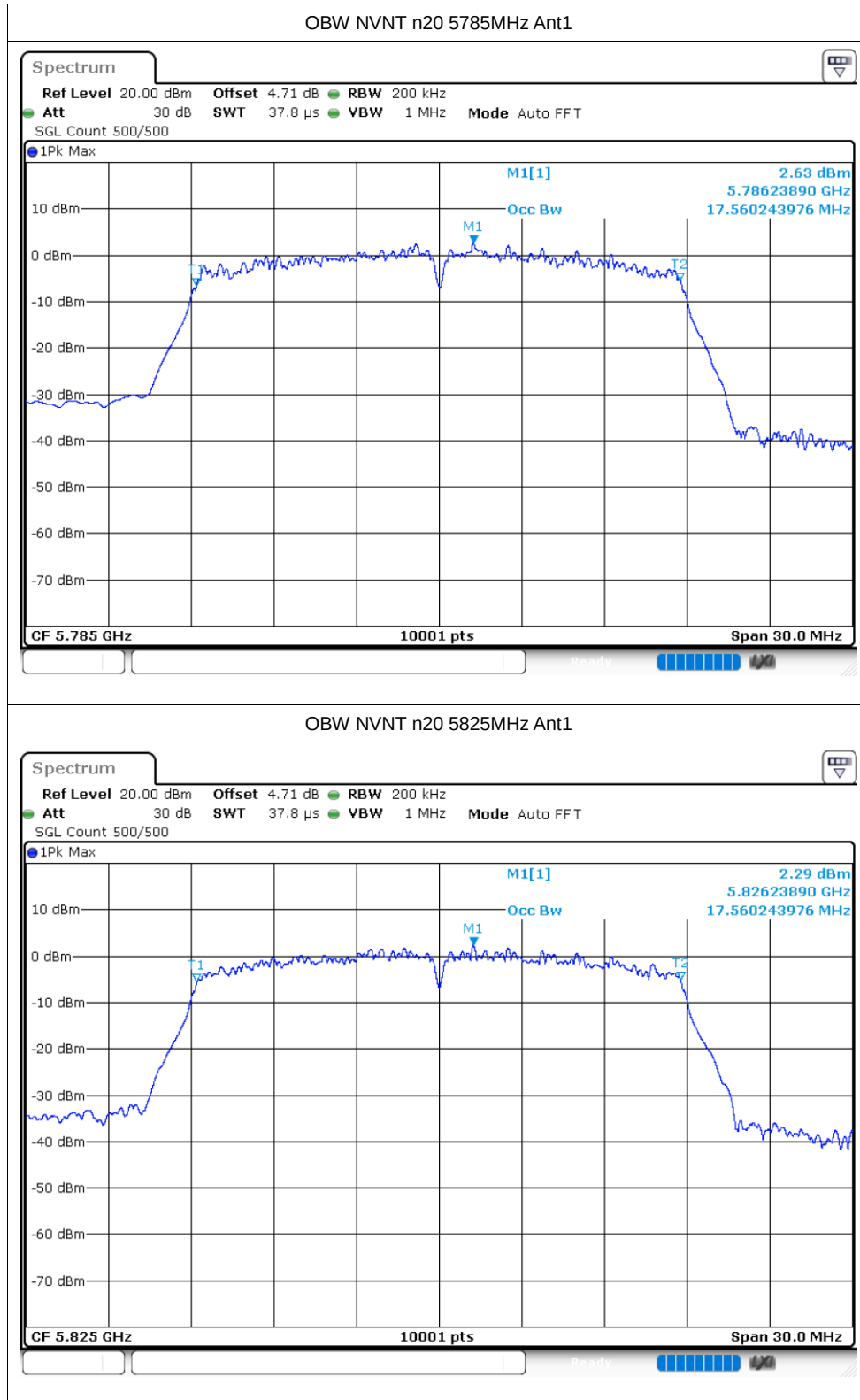
OBW NVNT a 5745MHz Ant1

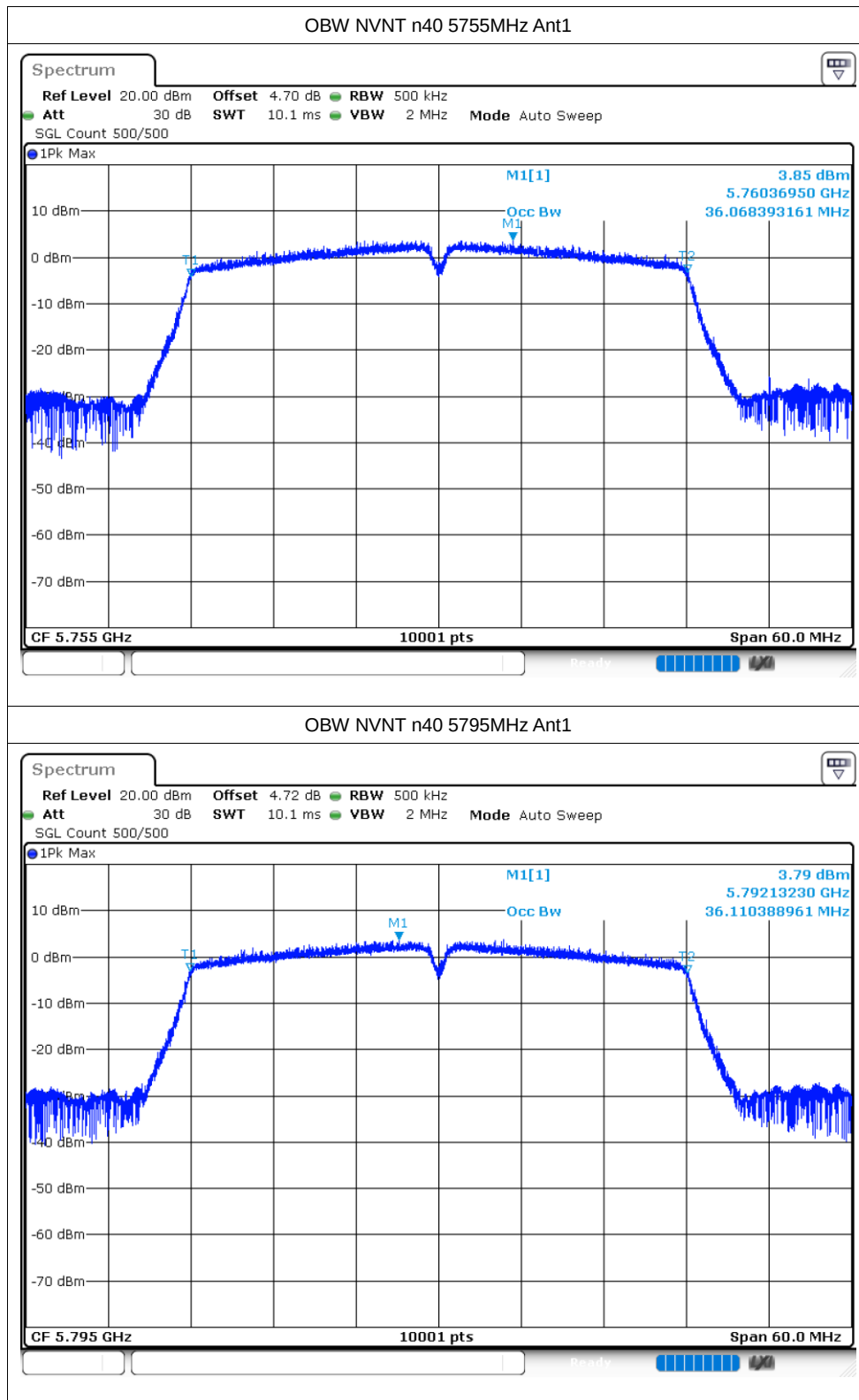


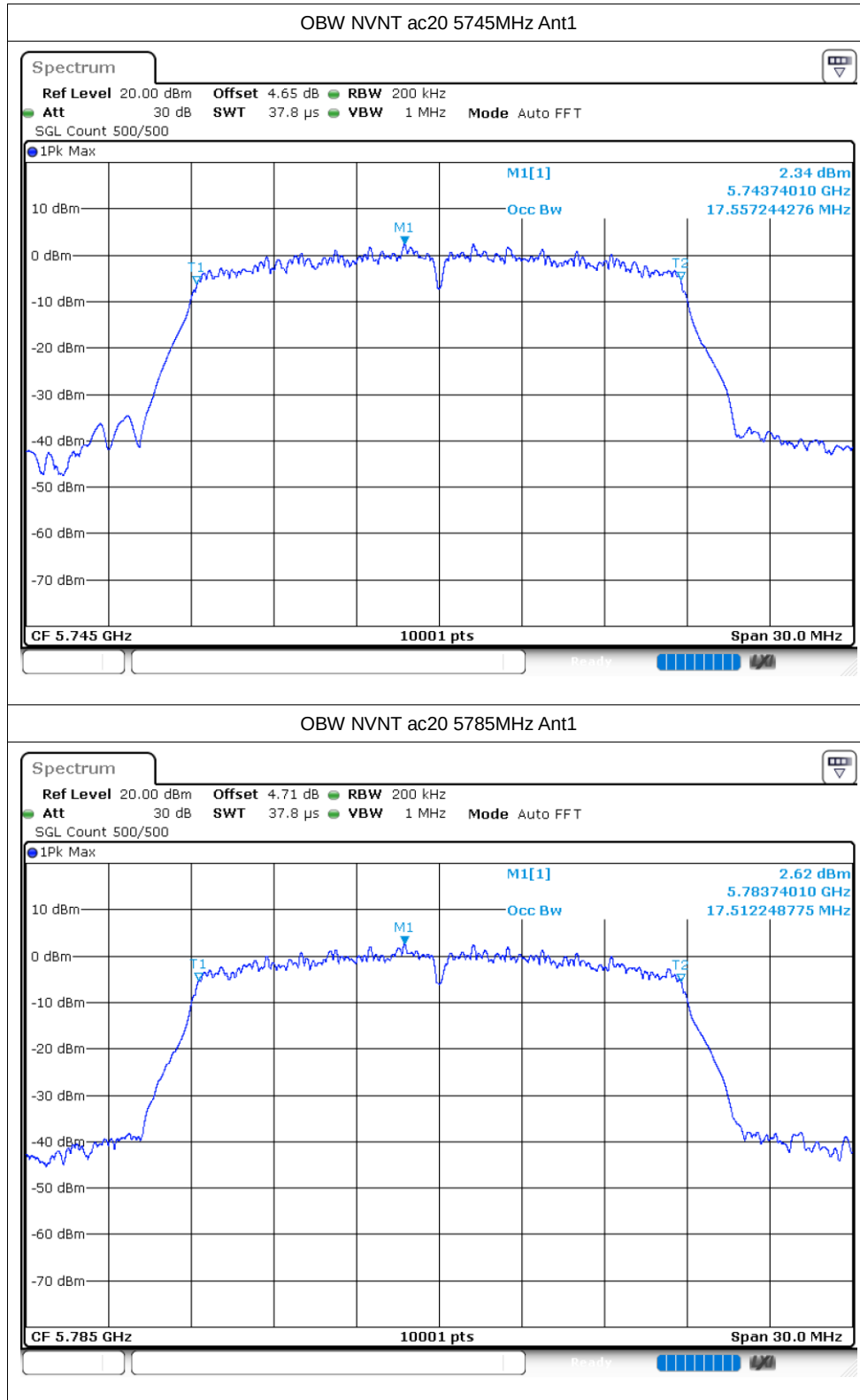
OBW NVNT a 5785MHz Ant1

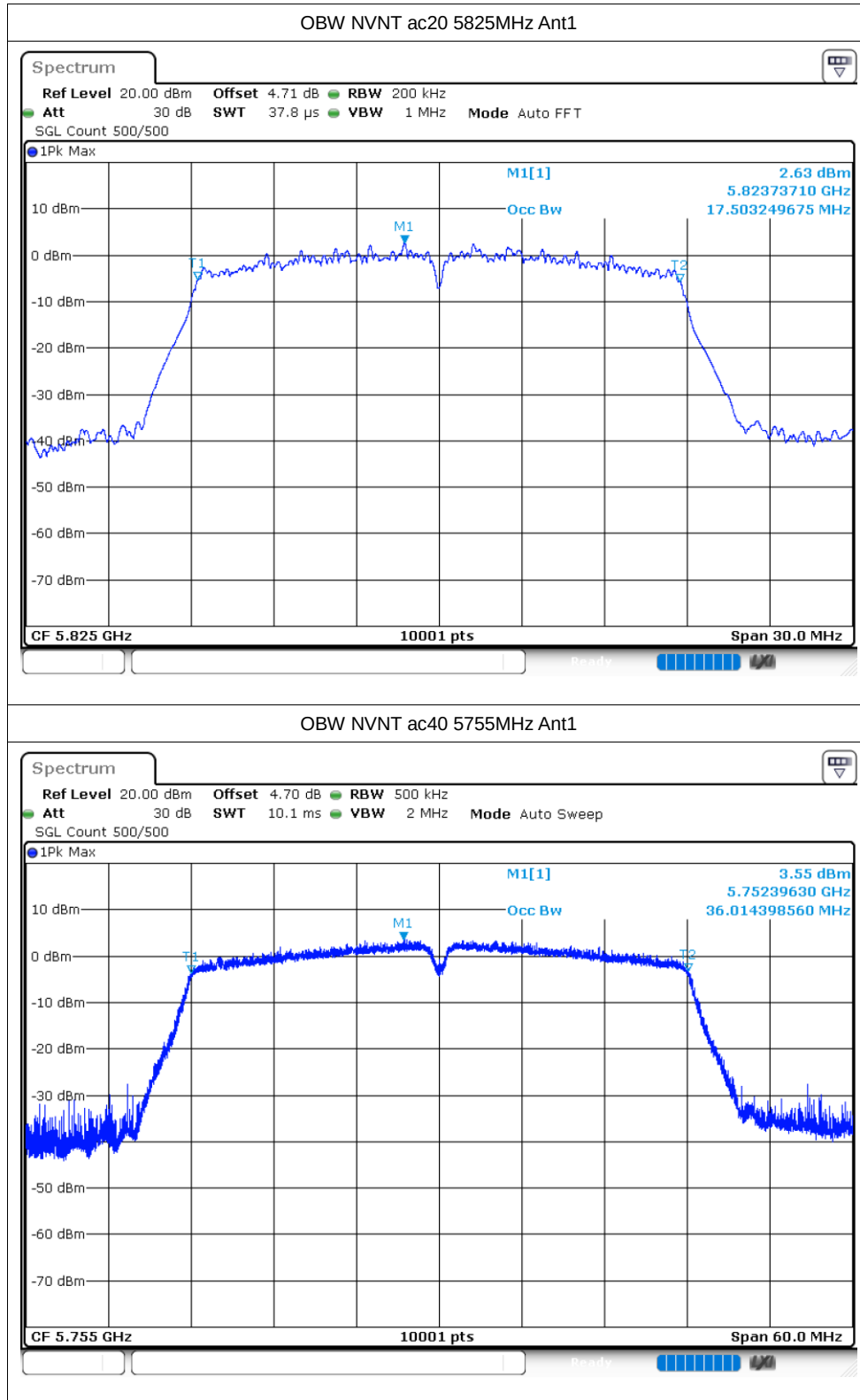


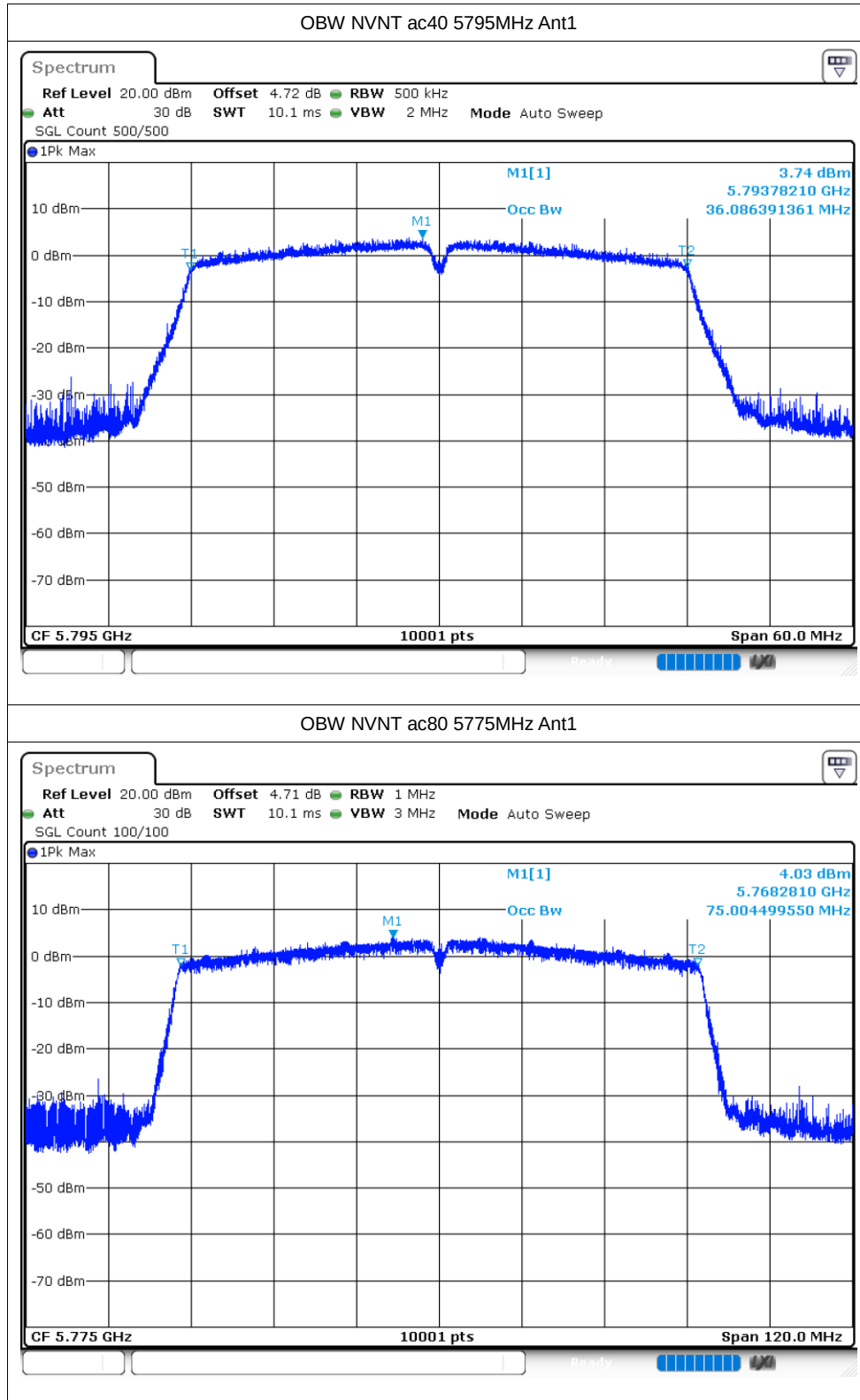










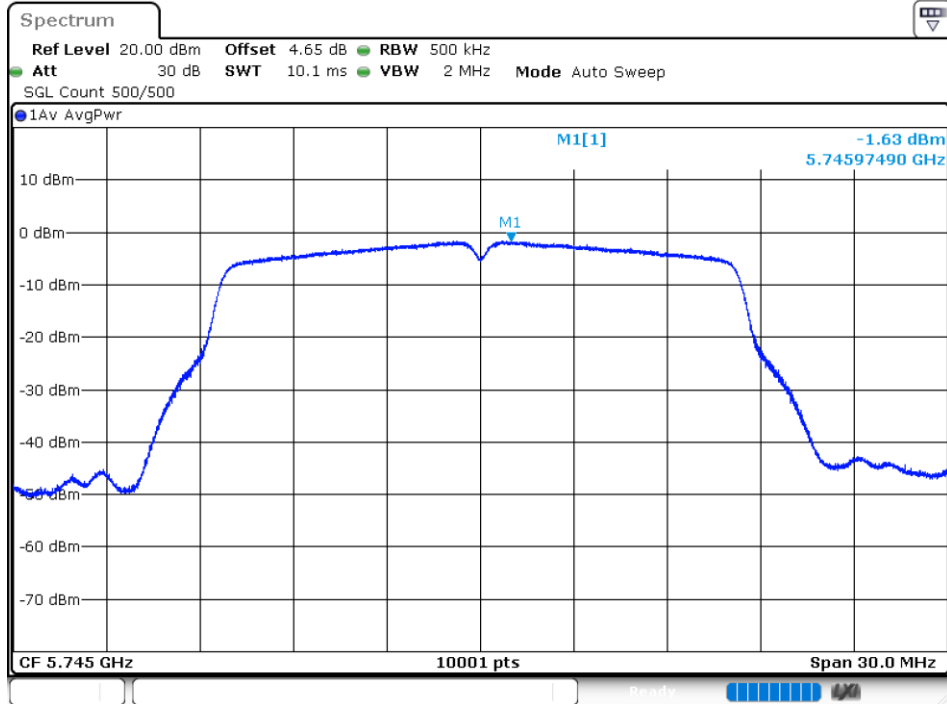


Maximum Power Spectral Density Level

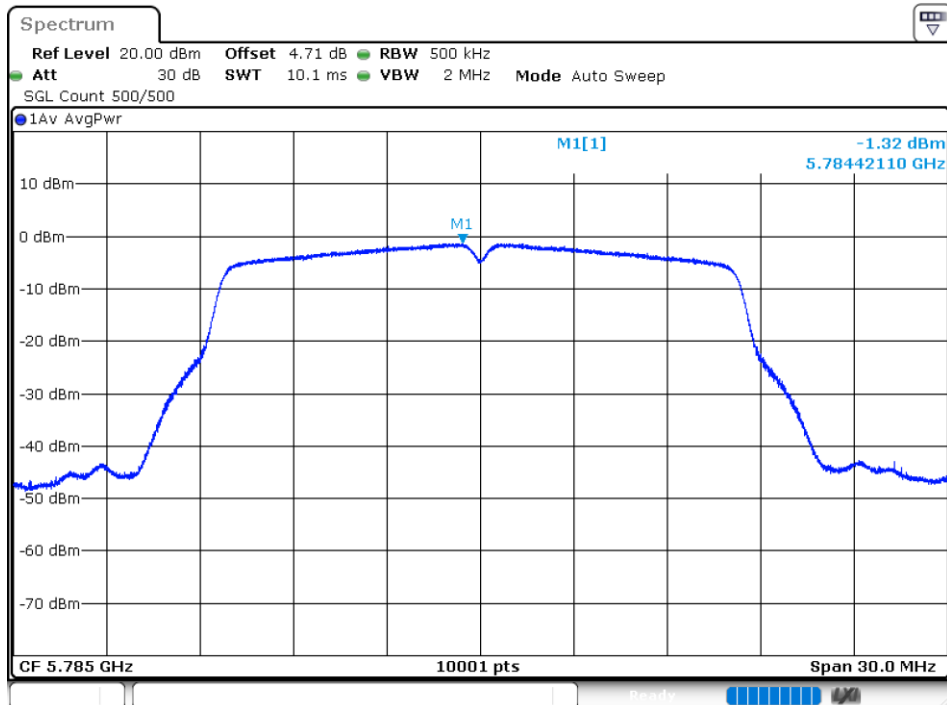
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.63	0.08	-1.55	30	Pass
NVNT	a	5785	Ant1	-1.32	0.08	-1.24	30	Pass
NVNT	a	5825	Ant1	-1.37	0.08	-1.29	30	Pass
NVNT	n20	5745	Ant1	-2.01	0.09	-1.92	30	Pass
NVNT	n20	5785	Ant1	-1.57	0.09	-1.48	30	Pass
NVNT	n20	5825	Ant1	-1.67	0.09	-1.58	30	Pass
NVNT	n40	5755	Ant1	-4.57	0.16	-4.41	30	Pass
NVNT	n40	5795	Ant1	-4.53	0.16	-4.37	30	Pass
NVNT	ac20	5745	Ant1	-2.07	0.08	-1.99	30	Pass
NVNT	ac20	5785	Ant1	-1.52	0.08	-1.44	30	Pass
NVNT	ac20	5825	Ant1	-1.76	0.08	-1.68	30	Pass
NVNT	ac40	5755	Ant1	-4.77	0.16	-4.61	30	Pass
NVNT	ac40	5795	Ant1	-4.66	0.16	-4.5	30	Pass
NVNT	ac80	5775	Ant1	-7.21	0.31	-6.9	30	Pass

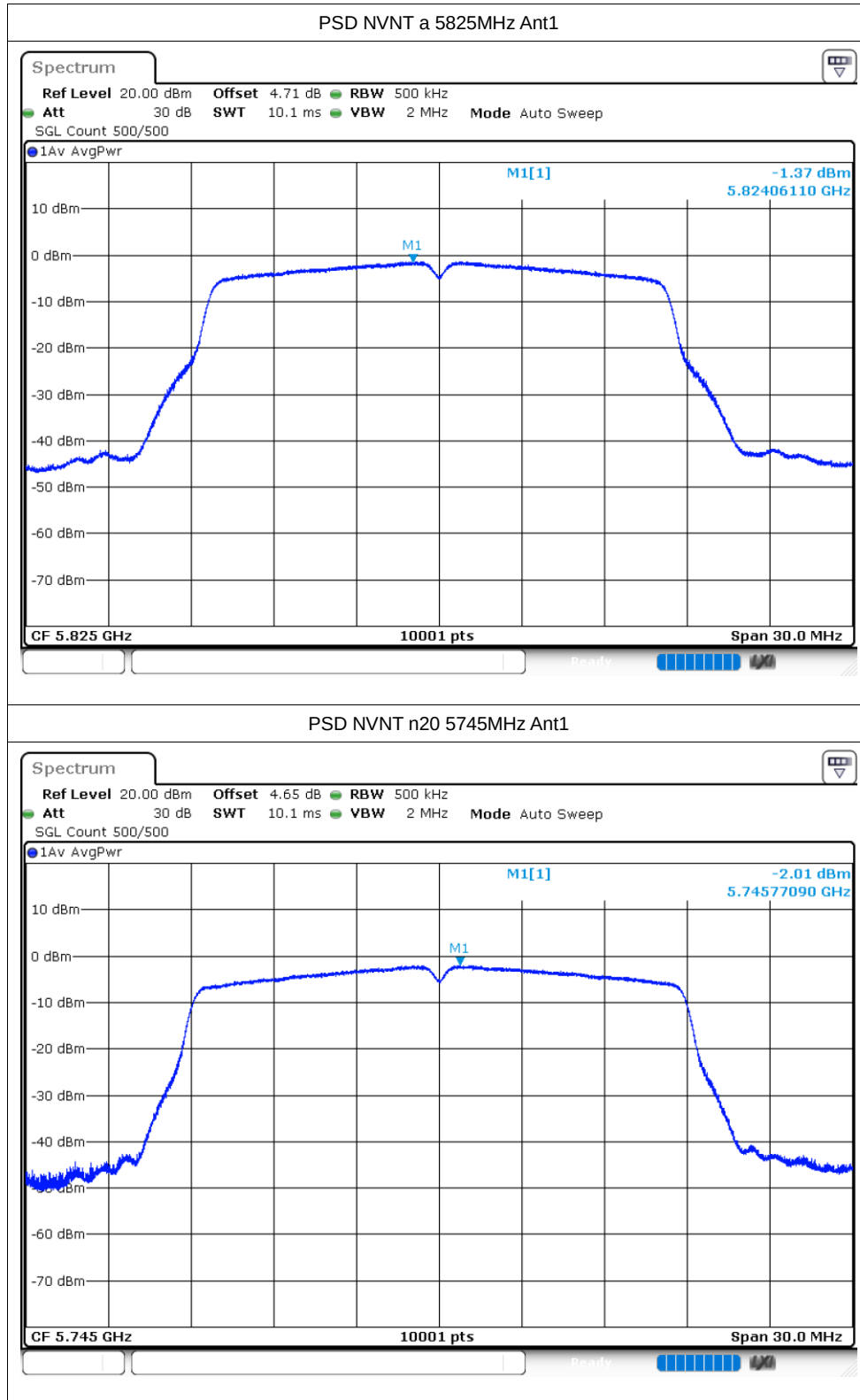
Test Graphs

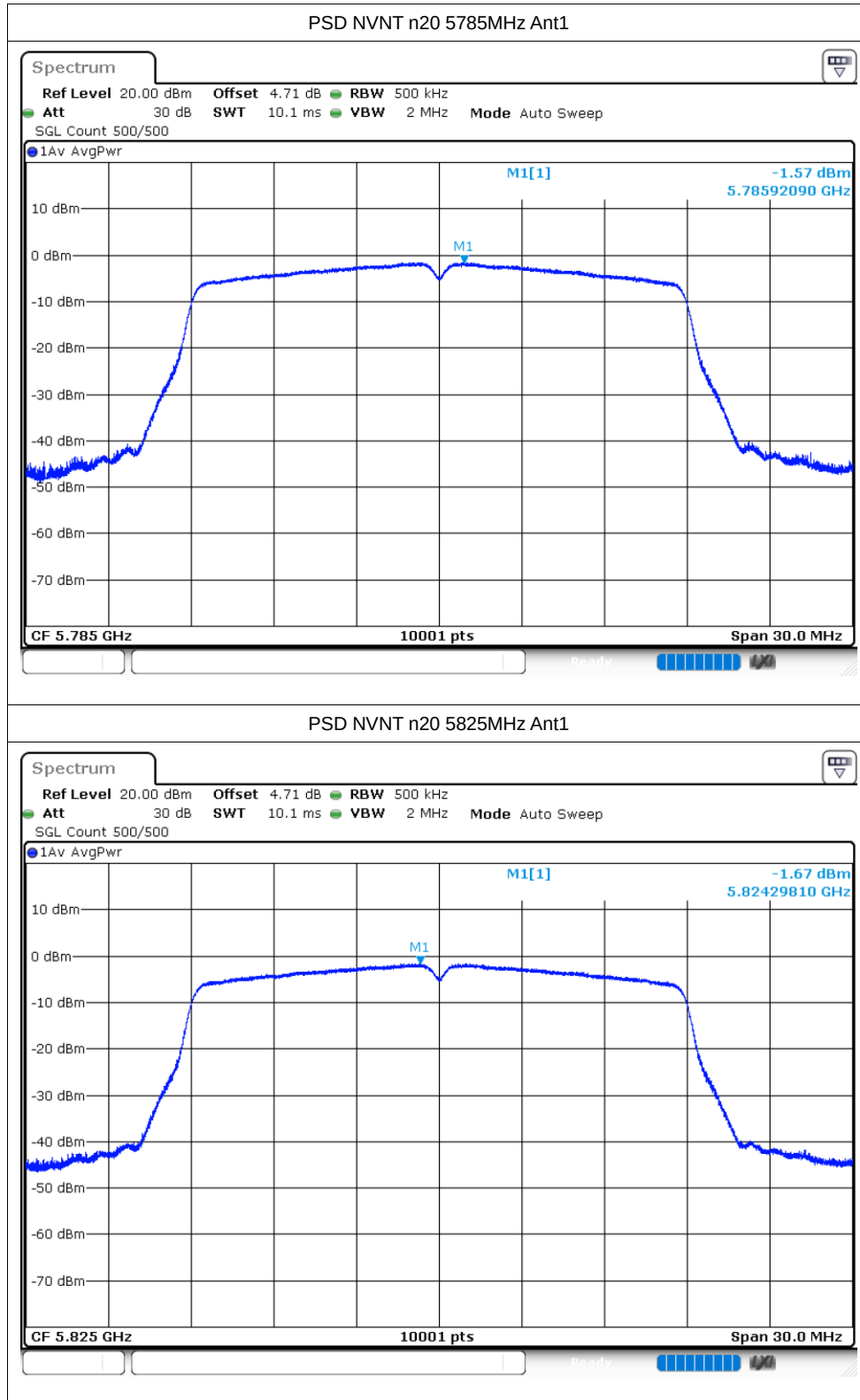
PSD NVNT a 5745MHz Ant1

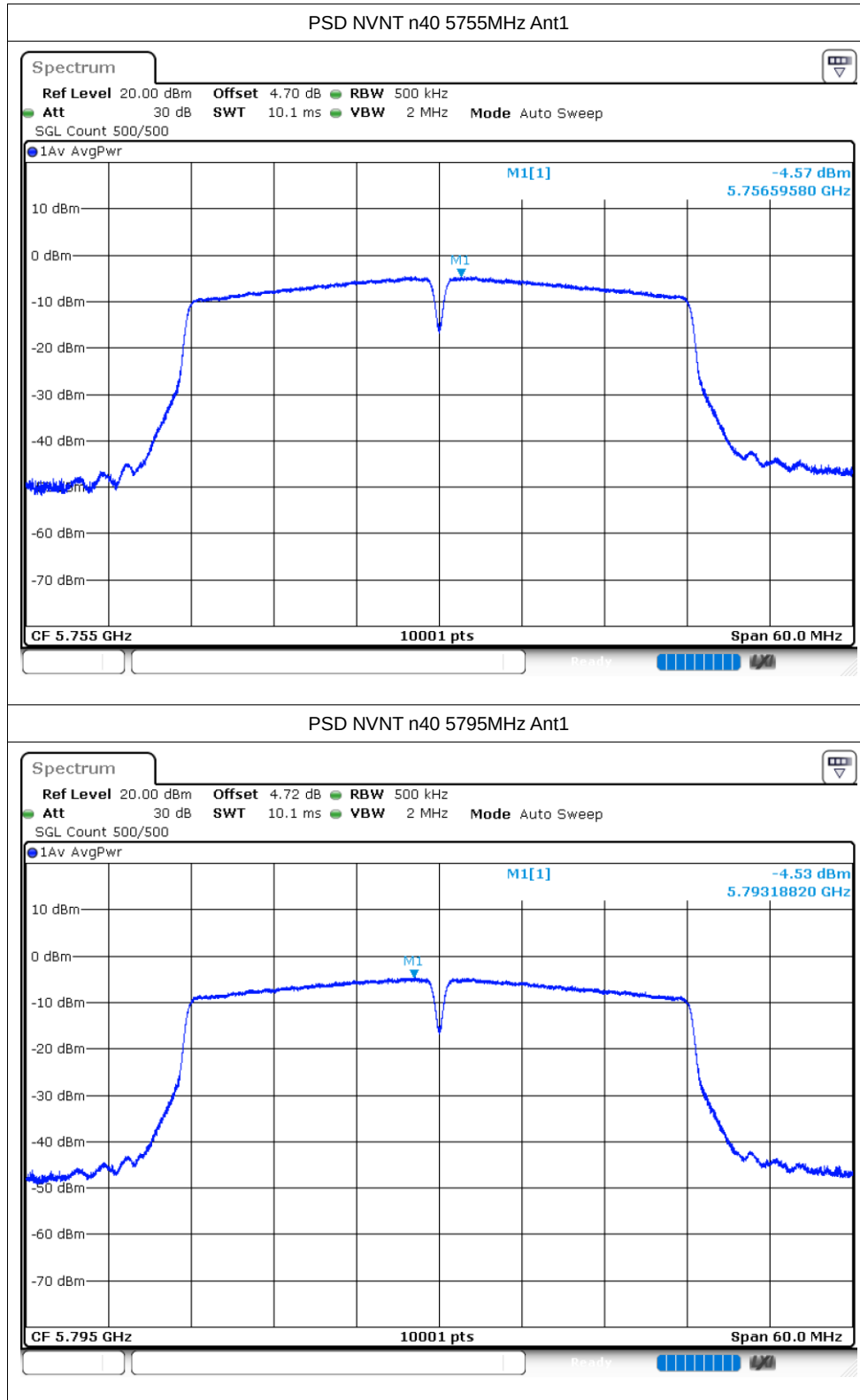


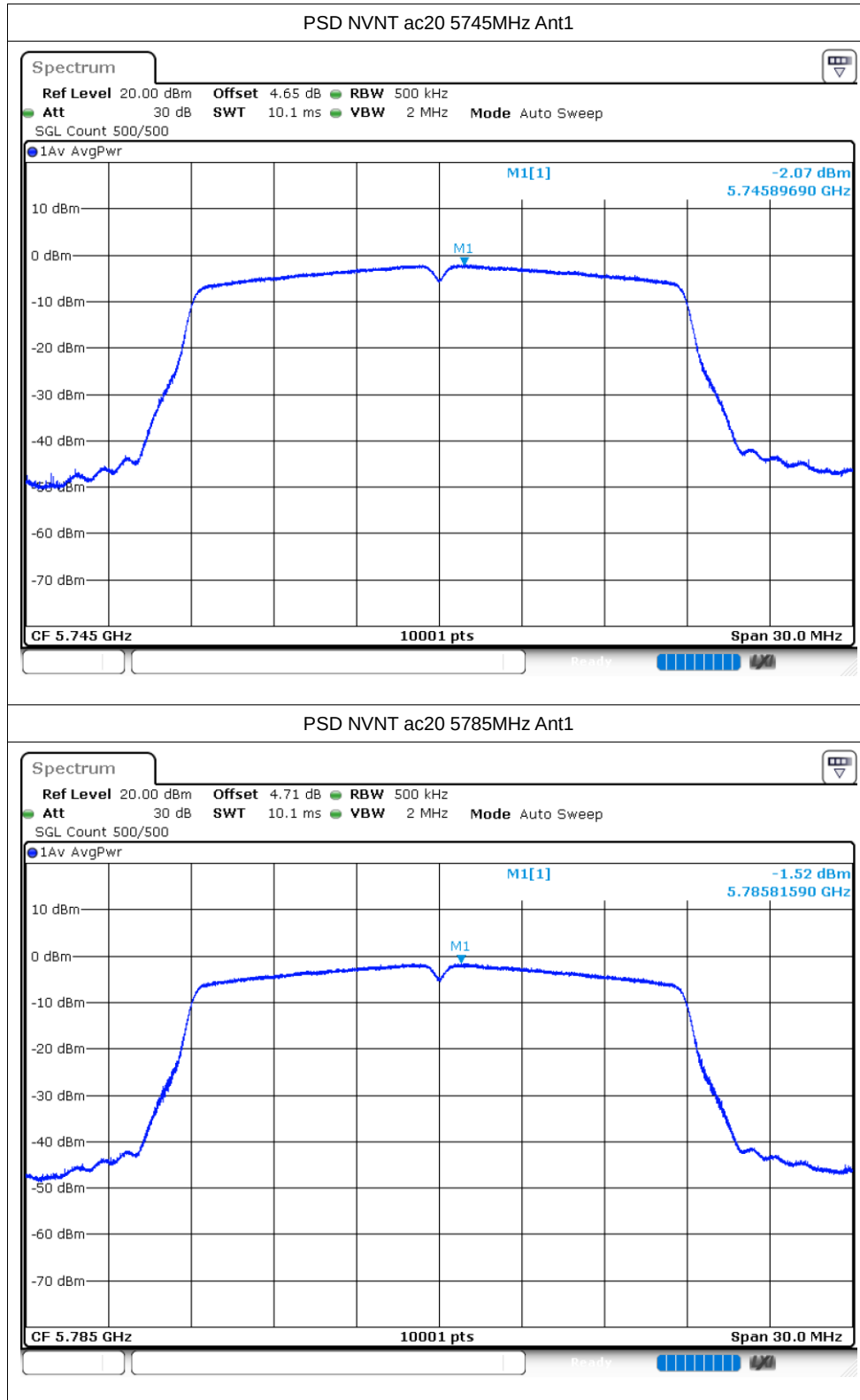
PSD NVNT a 5785MHz Ant1

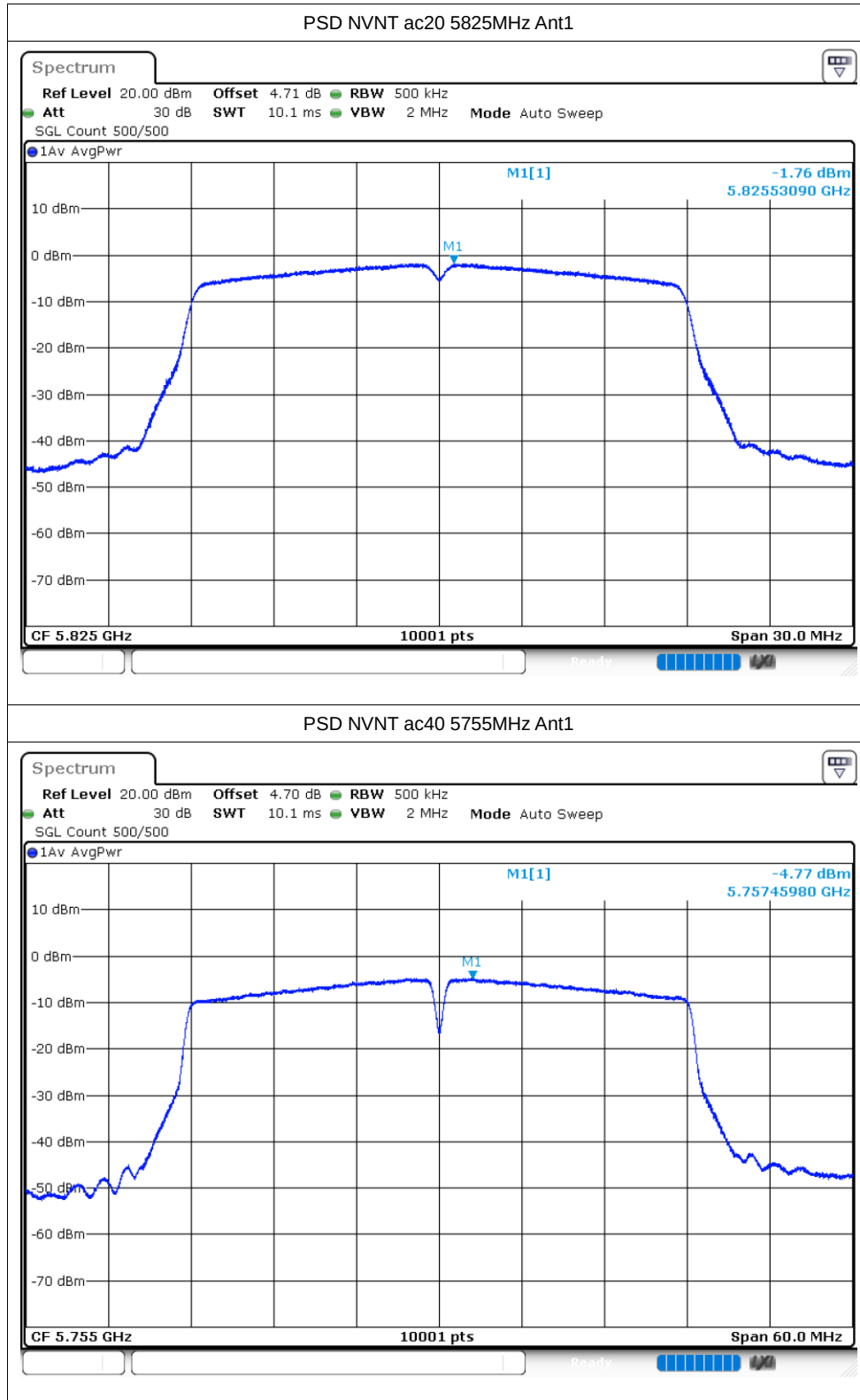


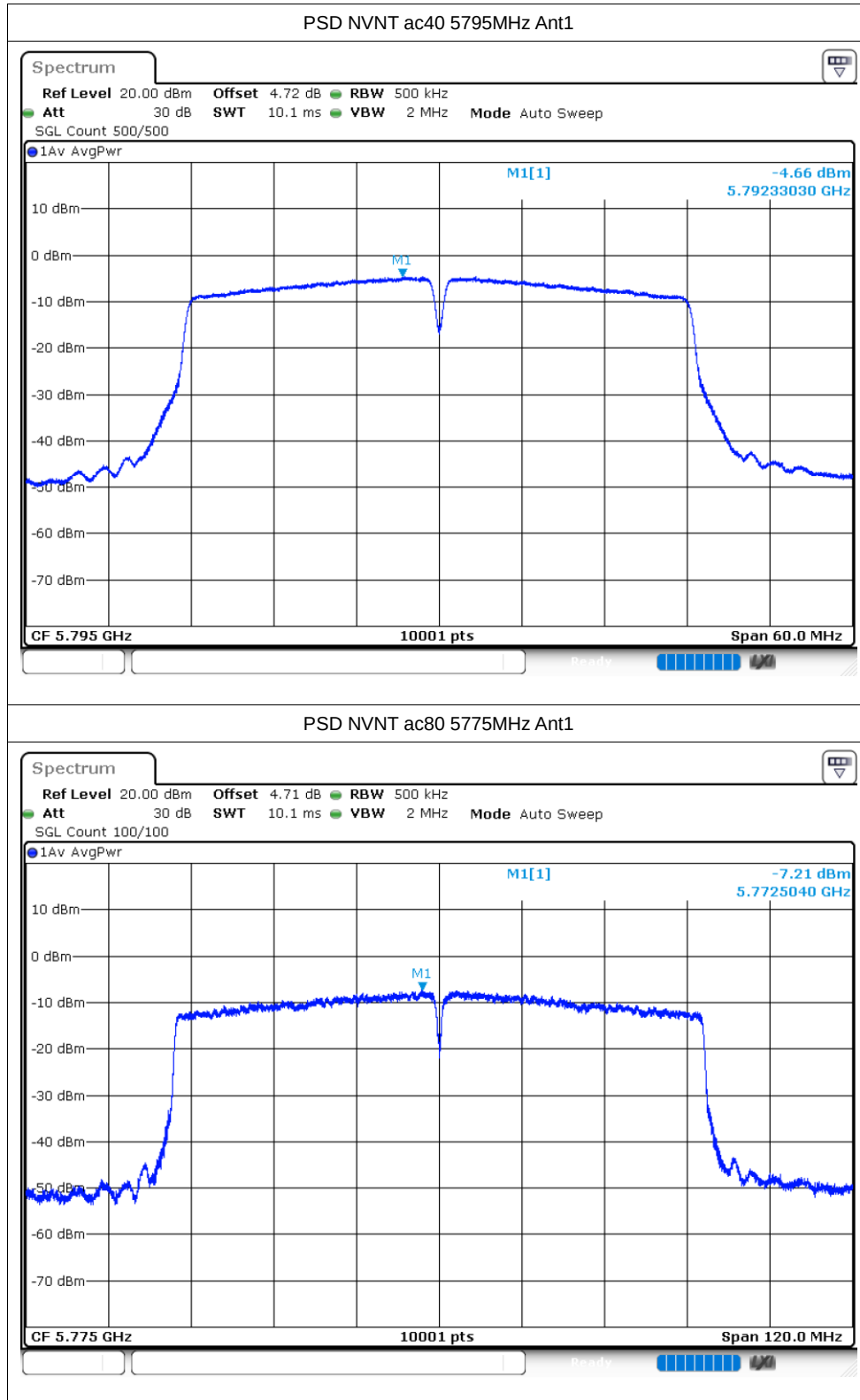










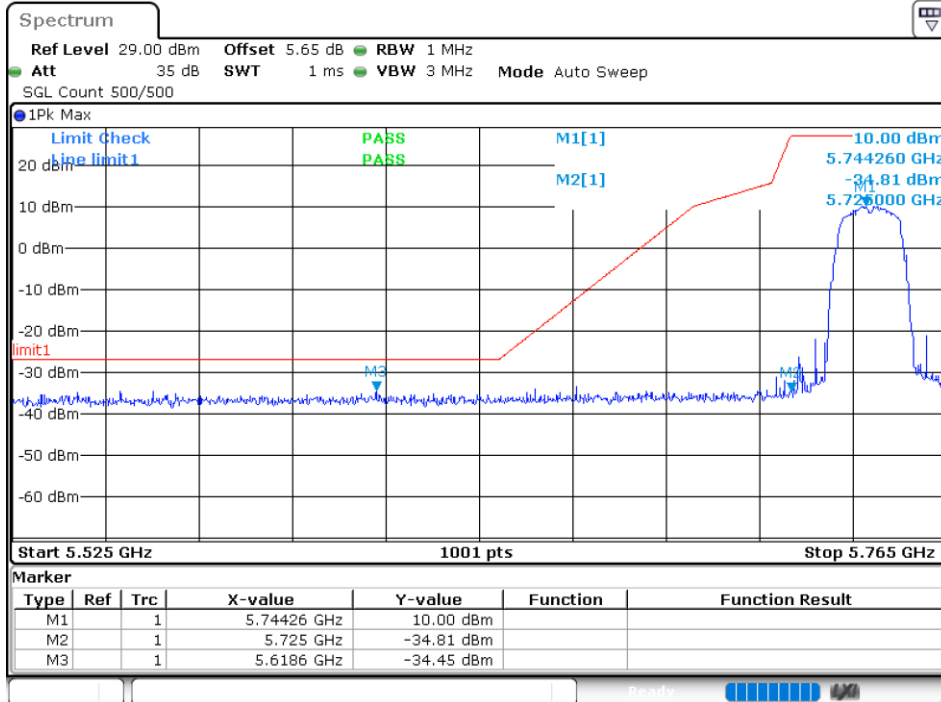


Band Edge

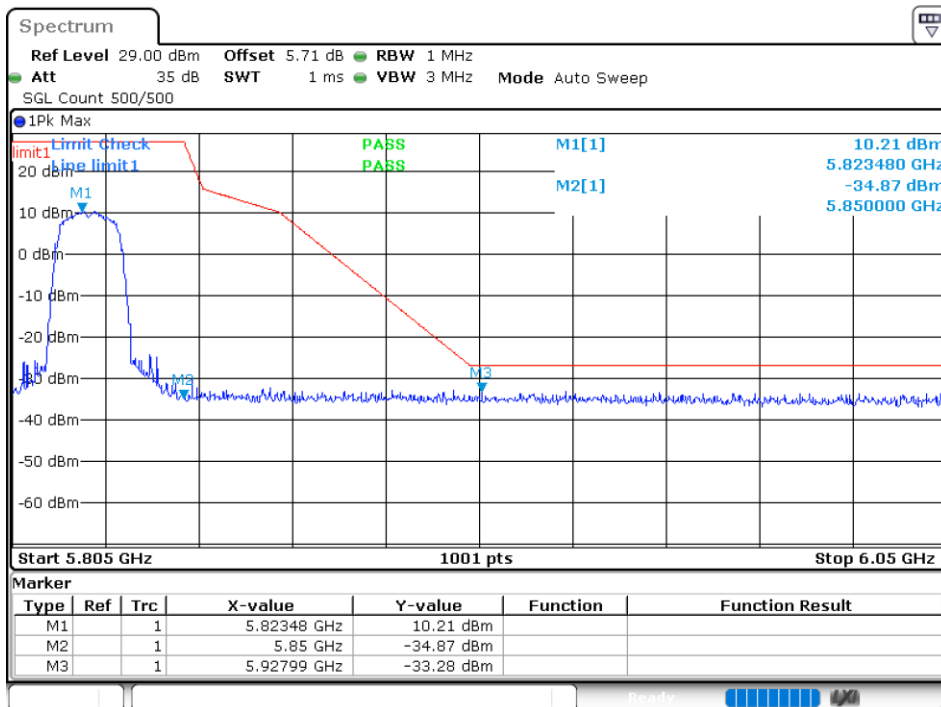
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-34.44	-27	Pass
NVNT	a	5825	Ant1	-33.27	-27	Pass
NVNT	n20	5745	Ant1	-34.45	-27	Pass
NVNT	n20	5825	Ant1	-33.54	-27	Pass
NVNT	n40	5755	Ant1	-34.37	-26.99	Pass
NVNT	n40	5795	Ant1	-33.08	-27	Pass
NVNT	ac20	5745	Ant1	-34.51	-27	Pass
NVNT	ac20	5825	Ant1	-32.72	-27	Pass
NVNT	ac40	5755	Ant1	-34.48	-27	Pass
NVNT	ac40	5795	Ant1	-33.3	-27	Pass
NVNT	ac80	5755	Ant1	-34.08	-27	Pass
NVNT	ac80	5755	Ant1	-35.02	-27	Pass

Test Graphs

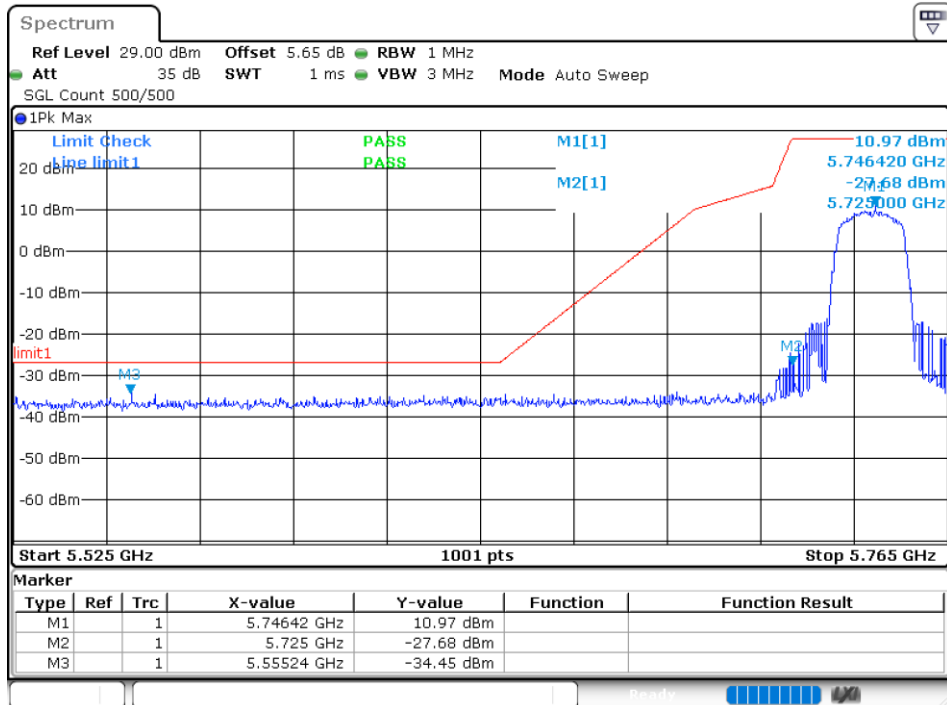
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



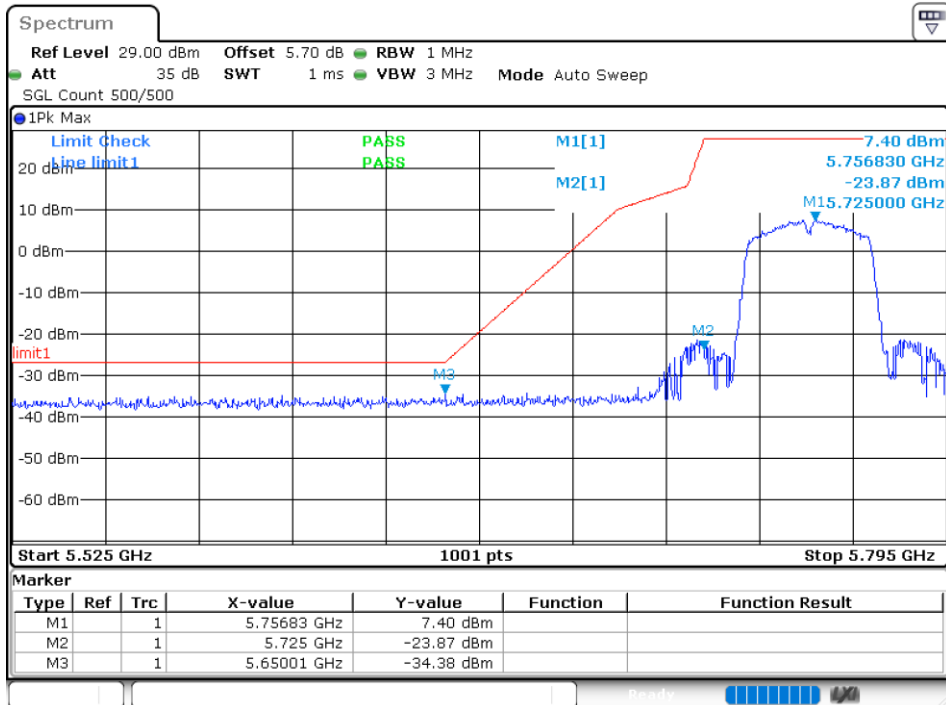
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

