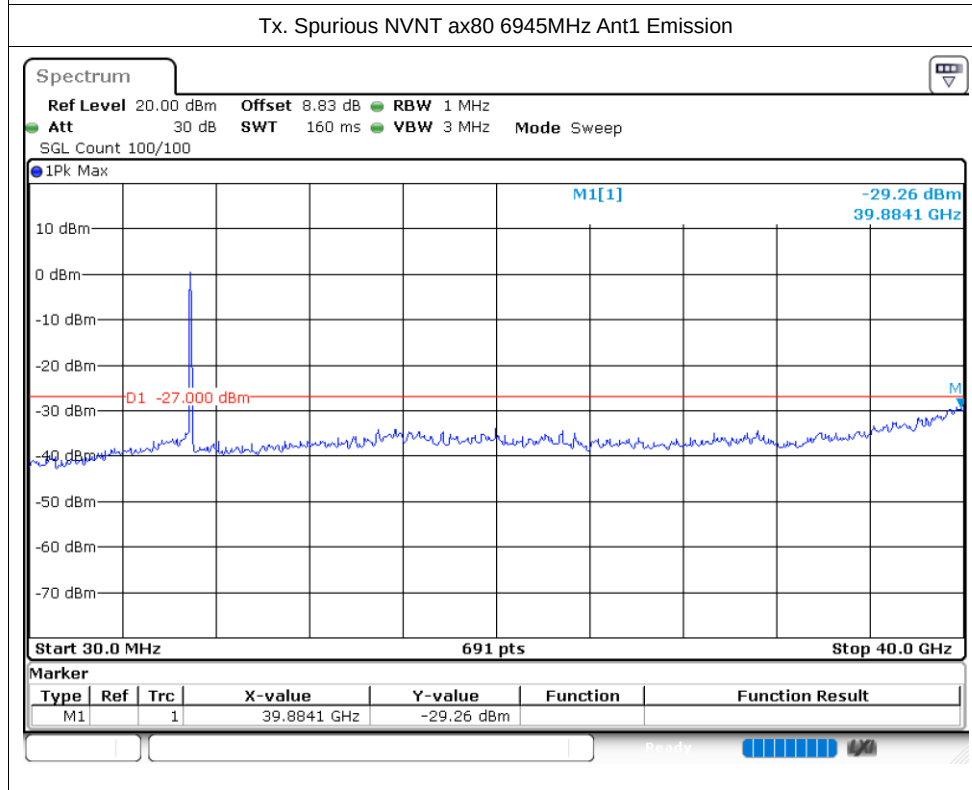
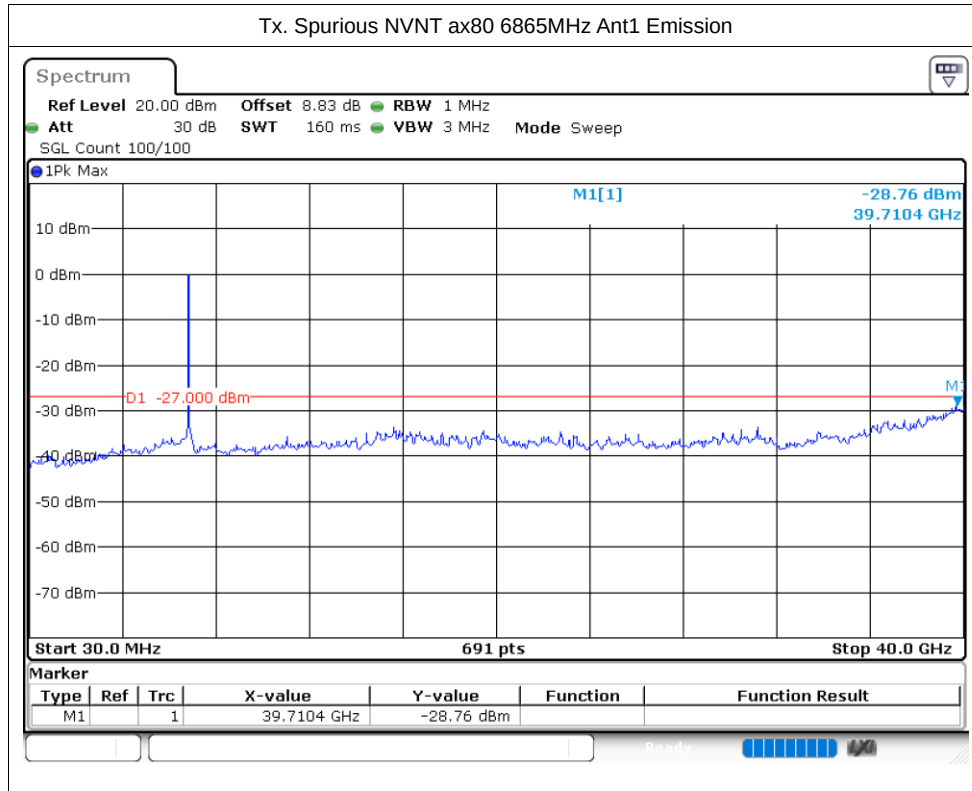
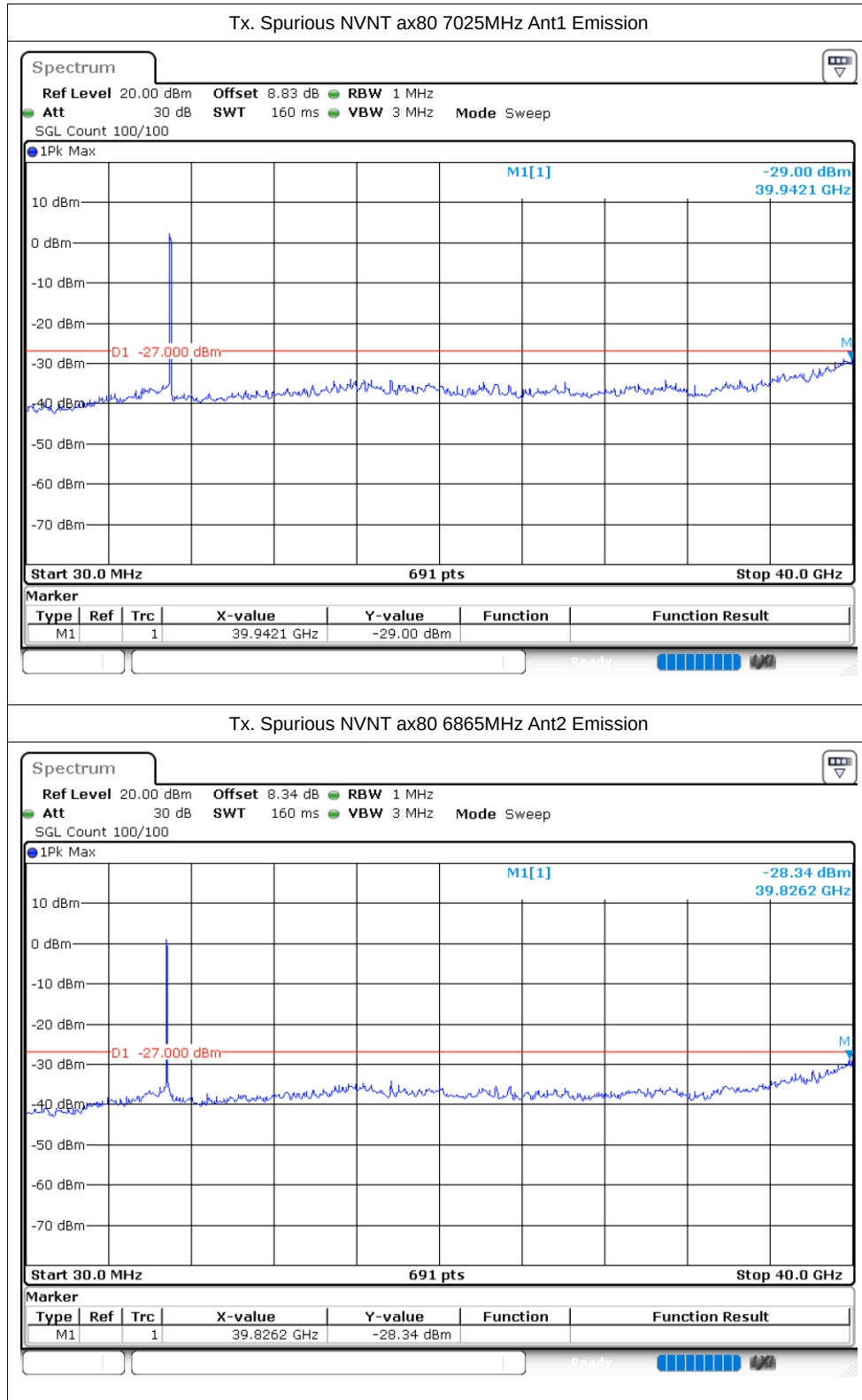
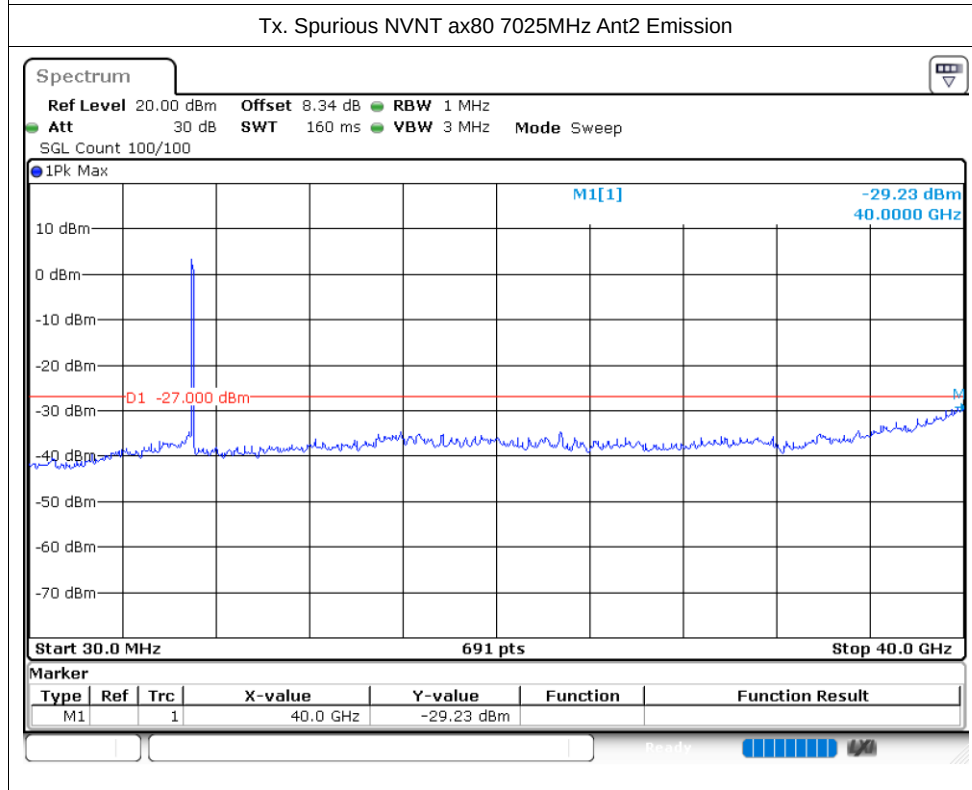
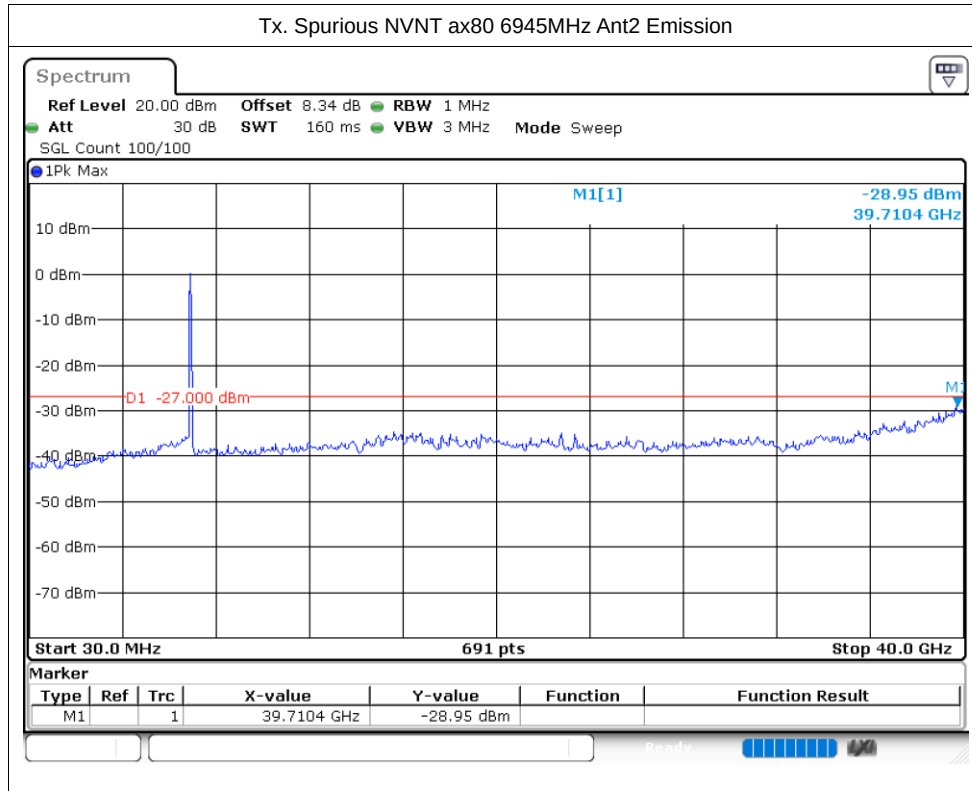






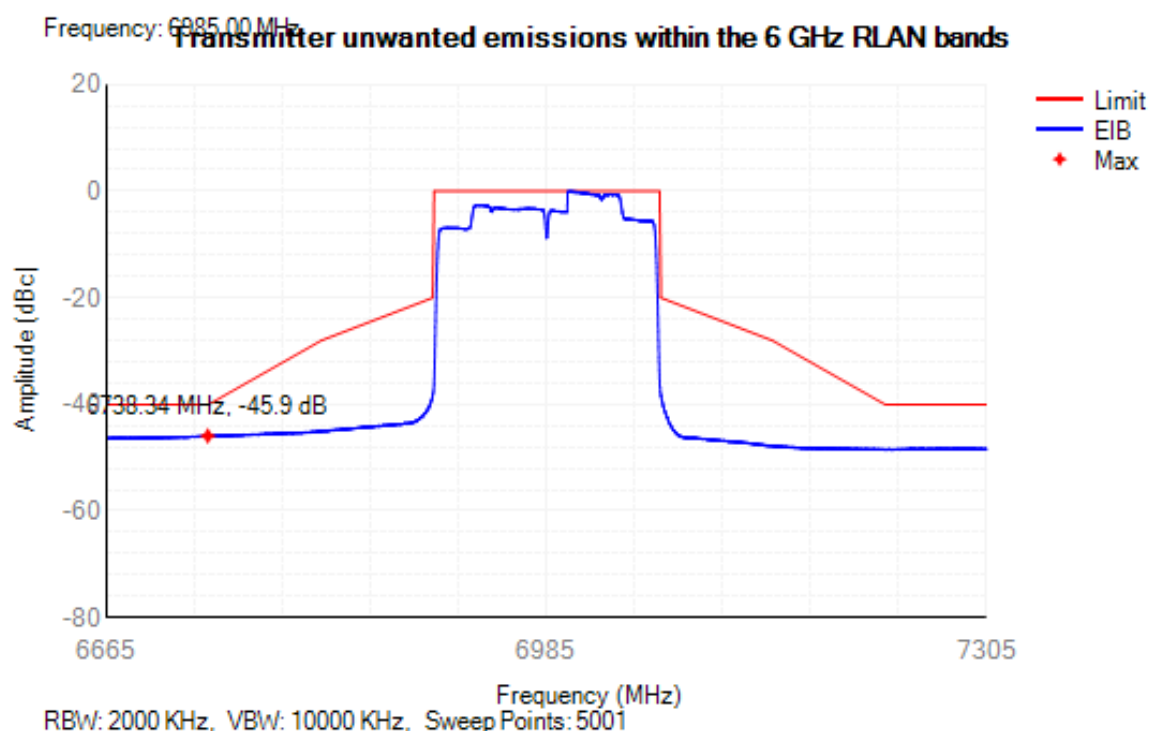


Power spectral mask

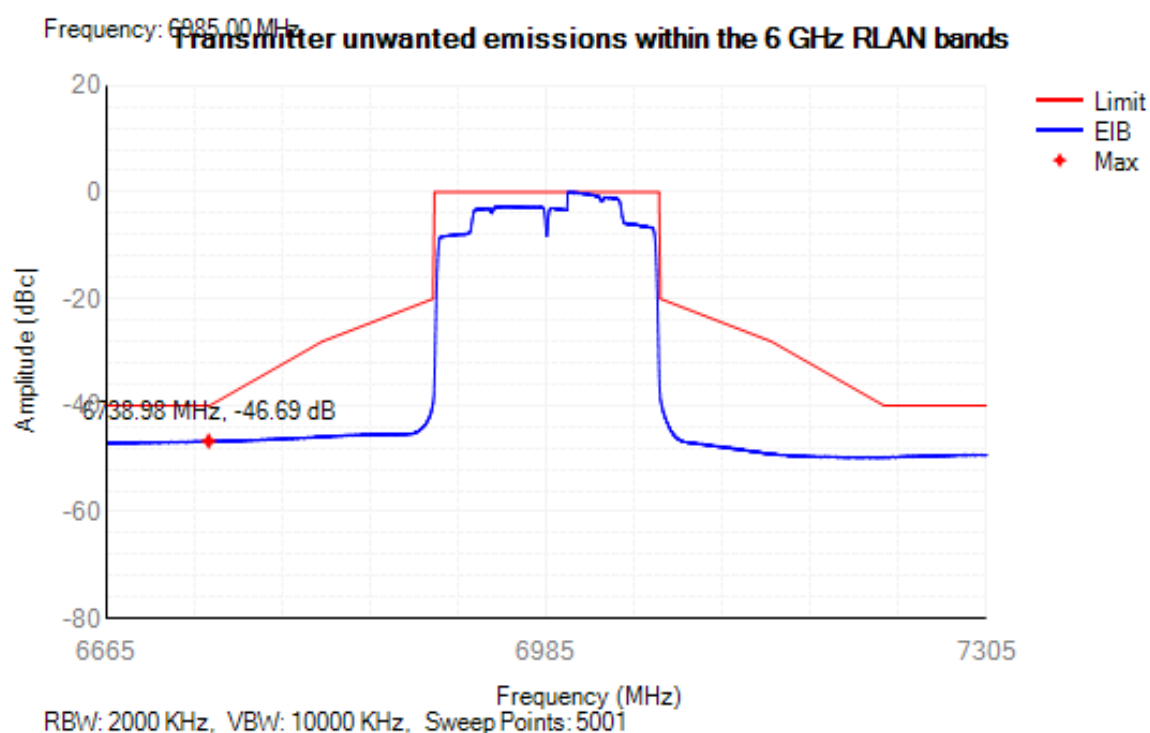
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6985	Ant1	Band1	6738.34	-45.9	-40	Pass
NVNT	ax160	6985	Ant2	Band1	6738.98	-46.69	-40	Pass
NVNT	ax20	6875	Ant1	Band1	6836.47	-41.66	-40	Pass
NVNT	ax20	6995	Ant1	Band1	7031.22	-44.38	-40	Pass
NVNT	ax20	7115	Ant1	Band1	7075.4	-40.72	-40	Pass
NVNT	ax20	6875	Ant2	Band1	6837.69	-45.5	-40	Pass
NVNT	ax20	6995	Ant2	Band1	6956.79	-40.39	-40	Pass
NVNT	ax20	7115	Ant2	Band1	7076.55	-40.88	-40	Pass
NVNT	ax40	6885	Ant1	Band1	6810.12	-45.82	-40	Pass
NVNT	ax40	6965	Ant1	Band1	6889.86	-44.48	-40	Pass
NVNT	ax40	7085	Ant1	Band1	7009.96	-41.77	-40	Pass
NVNT	ax40	6885	Ant2	Band1	6861.42	-28.2	-20.02	Pass
NVNT	ax40	6965	Ant2	Band1	6894.54	-47.5	-40	Pass
NVNT	ax40	7085	Ant2	Band1	7006.18	-41.88	-40	Pass
NVNT	ax80	6865	Ant1	Band1	6991.85	-45.72	-40	Pass
NVNT	ax80	6945	Ant1	Band1	6809.9	-45.29	-40	Pass
NVNT	ax80	7025	Ant1	Band1	7067.3	-27.32	-20	Pass
NVNT	ax80	6865	Ant2	Band1	6994.34	-46.4	-40	Pass
NVNT	ax80	6945	Ant2	Band1	6802.15	-46.02	-40	Pass
NVNT	ax80	7025	Ant2	Band1	7067.24	-27.44	-20	Pass

Test Graphs

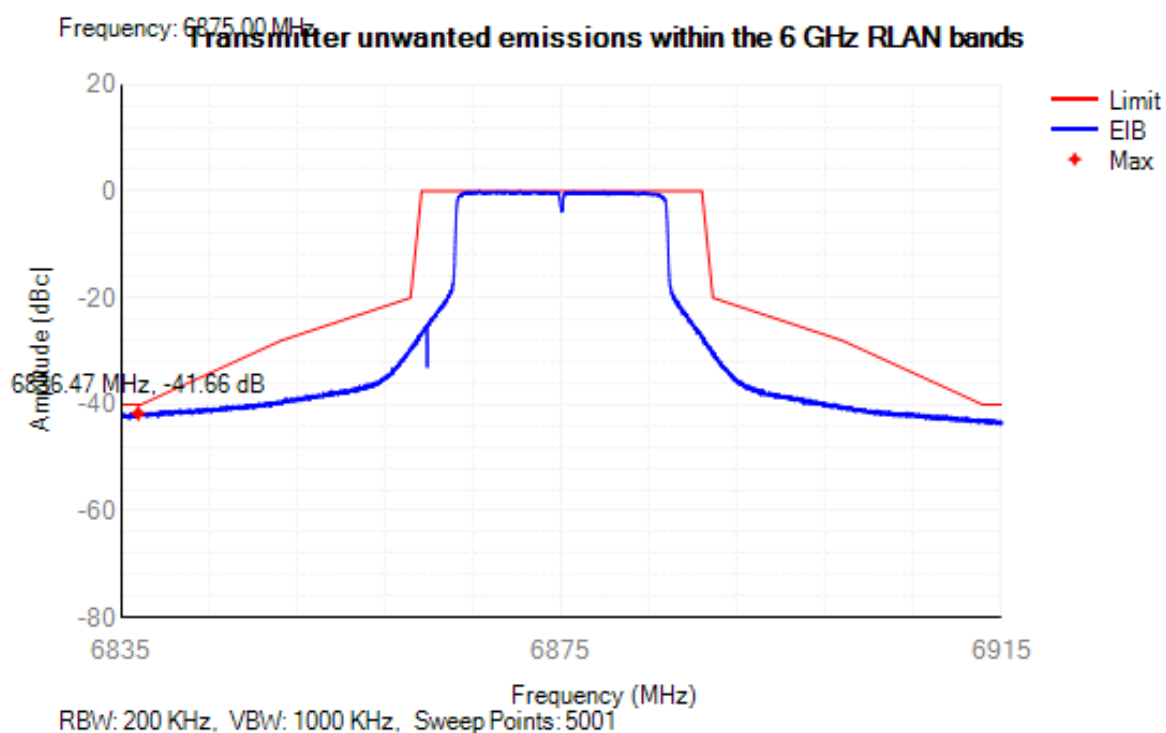
Power spectral mask NVNT ax160 6985MHz



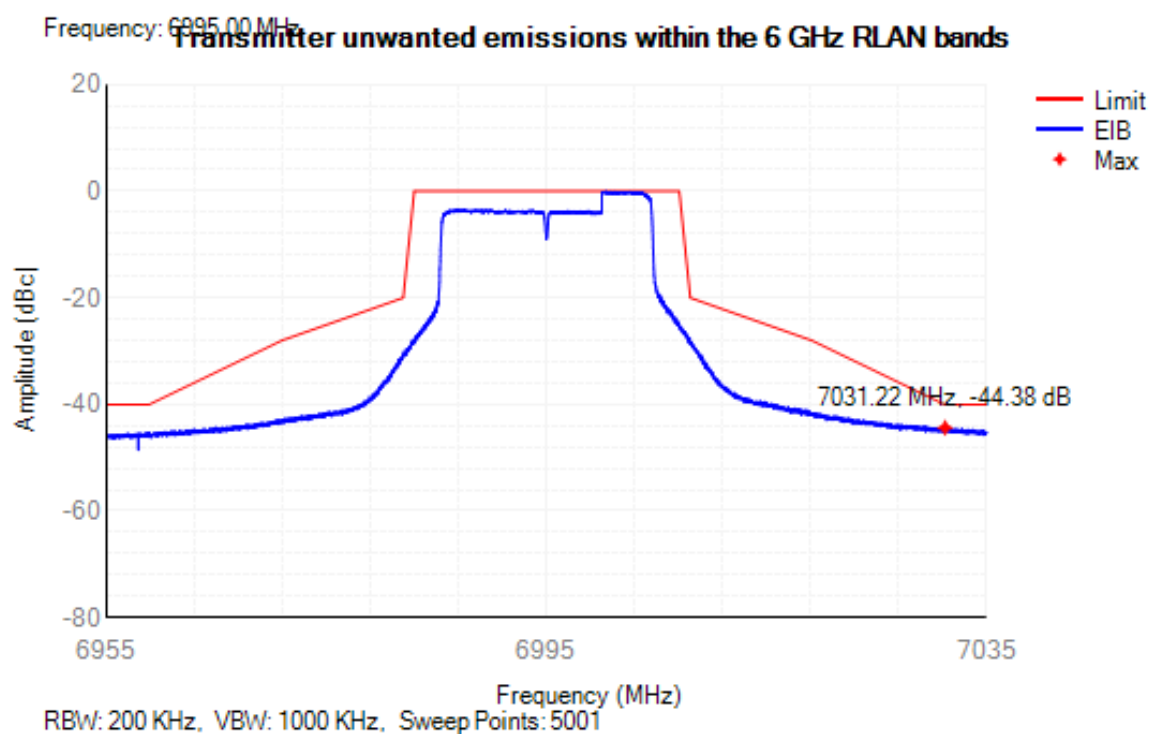
Power spectral mask NVNT ax160 6985MHz



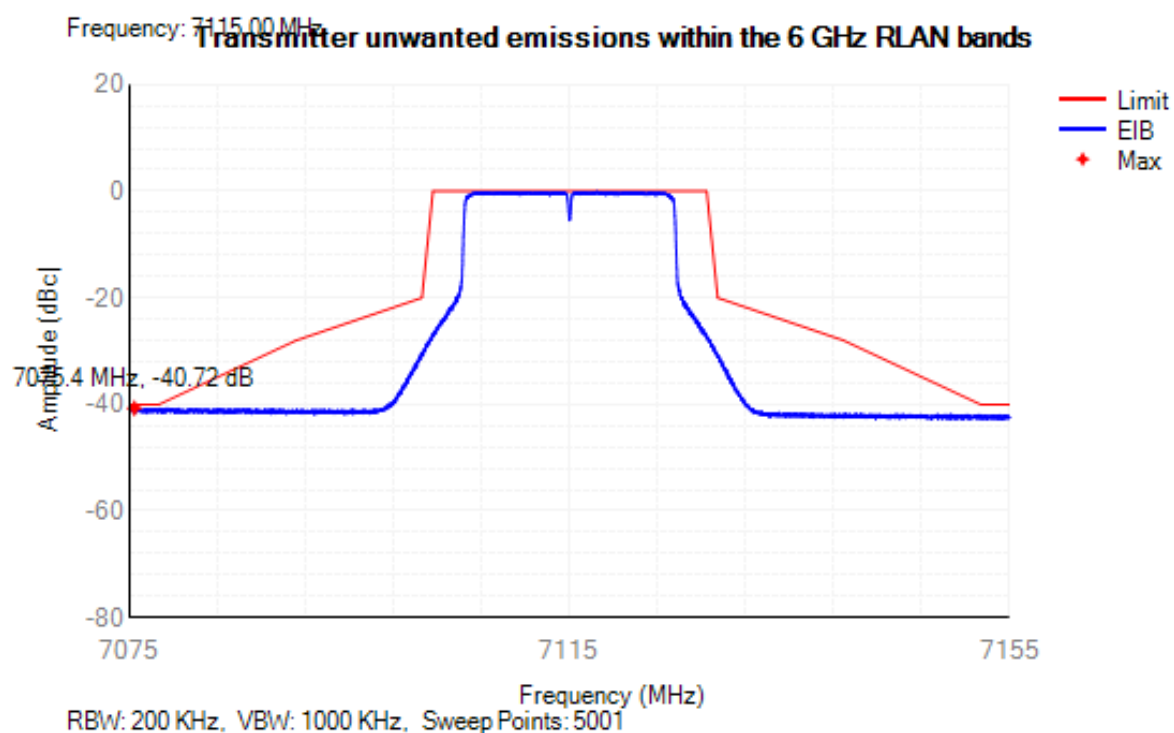
Power spectral mask NVNT ax20 6875MHz



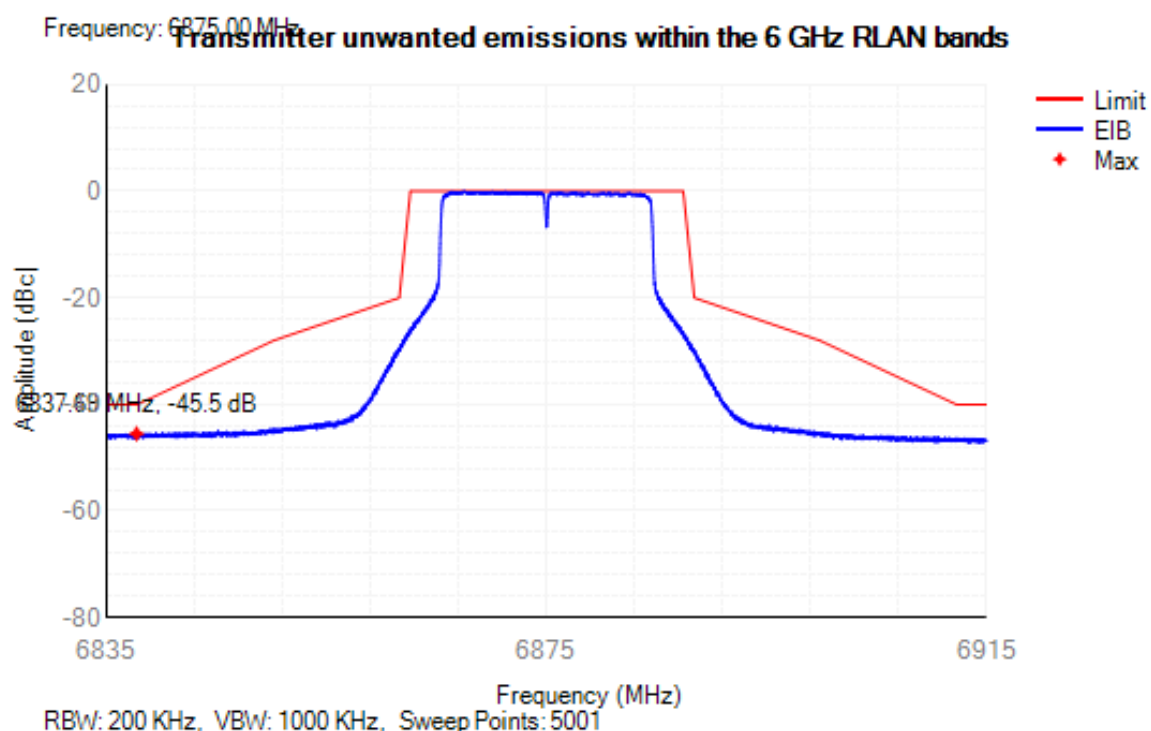
Power spectral mask NVNT ax20 6995MHz



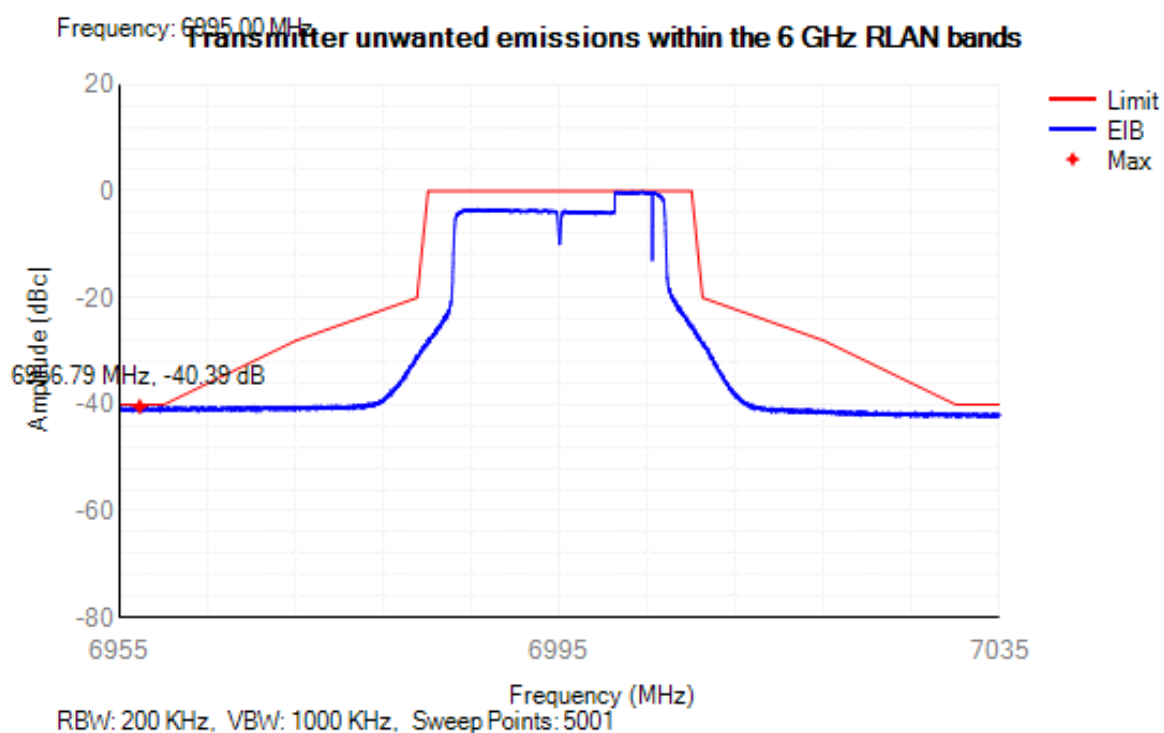
Power spectral mask NVNT ax20 7115MHz



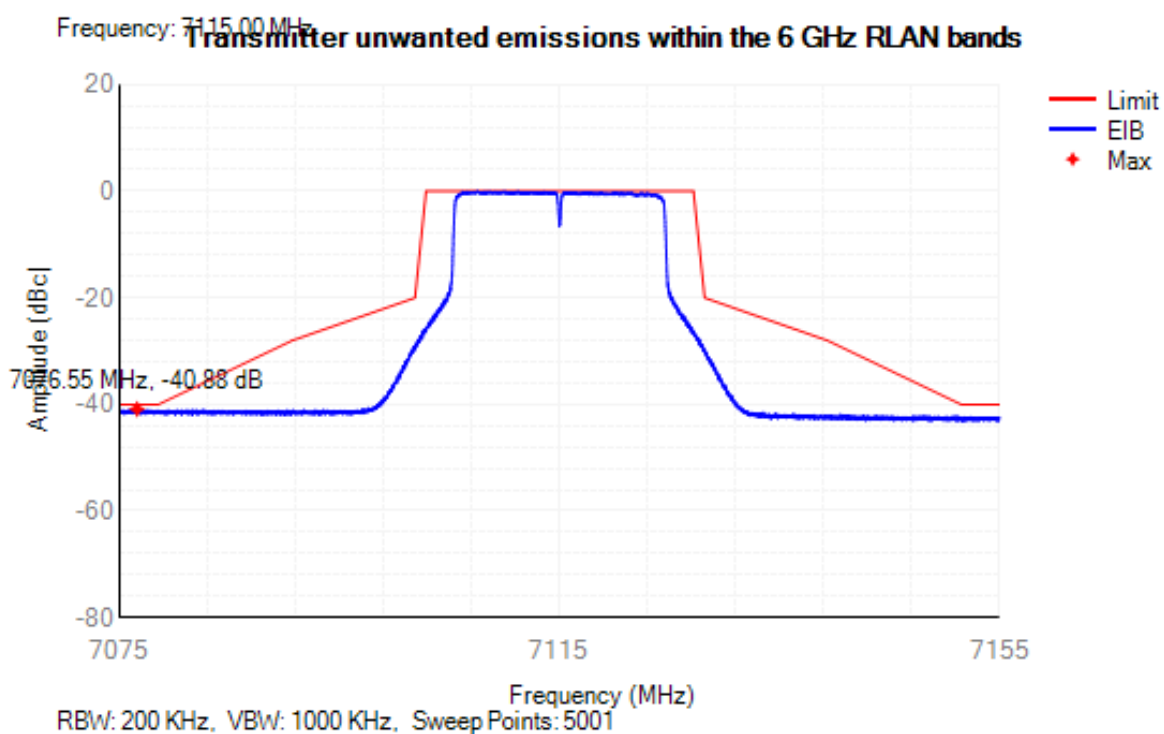
Power spectral mask NVNT ax20 6875MHz



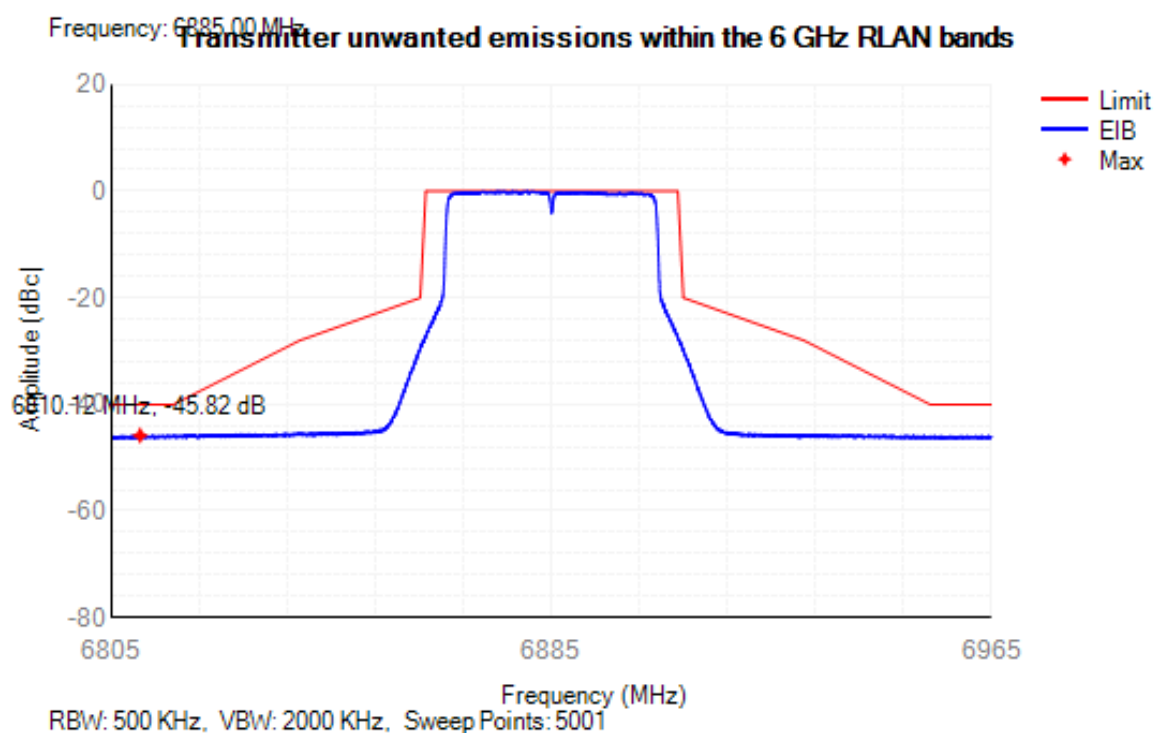
Power spectral mask NVNT ax20 6995MHz



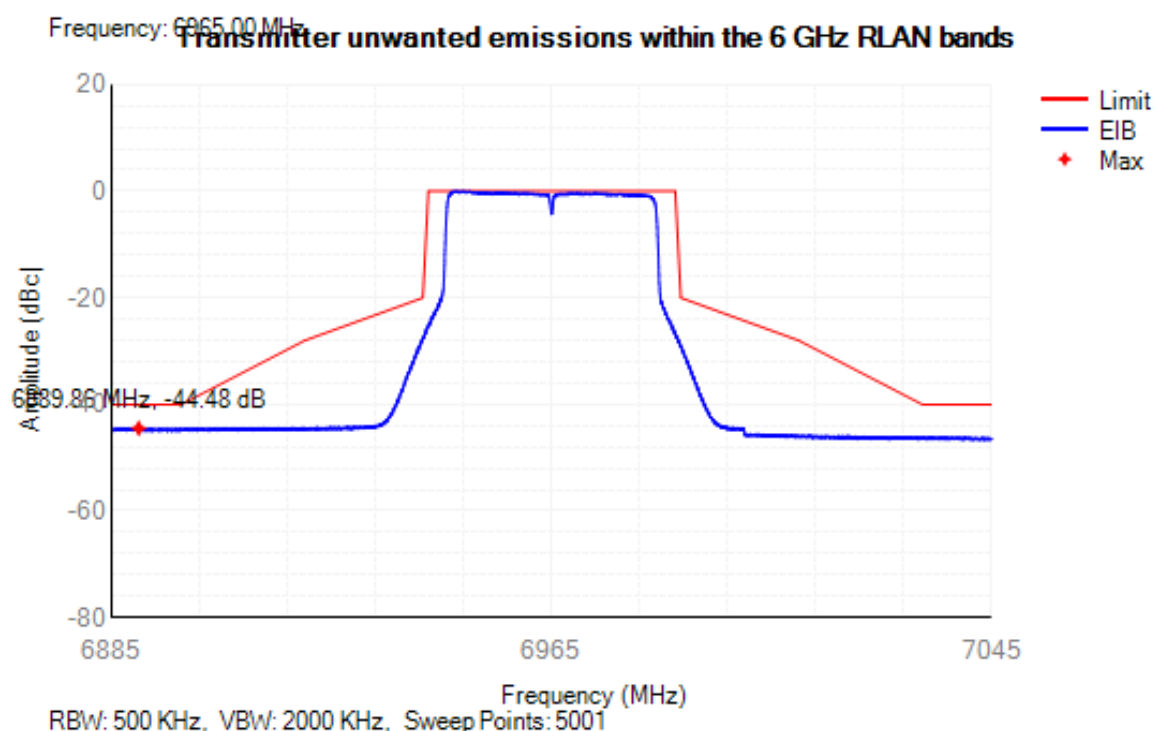
Power spectral mask NVNT ax20 7115MHz



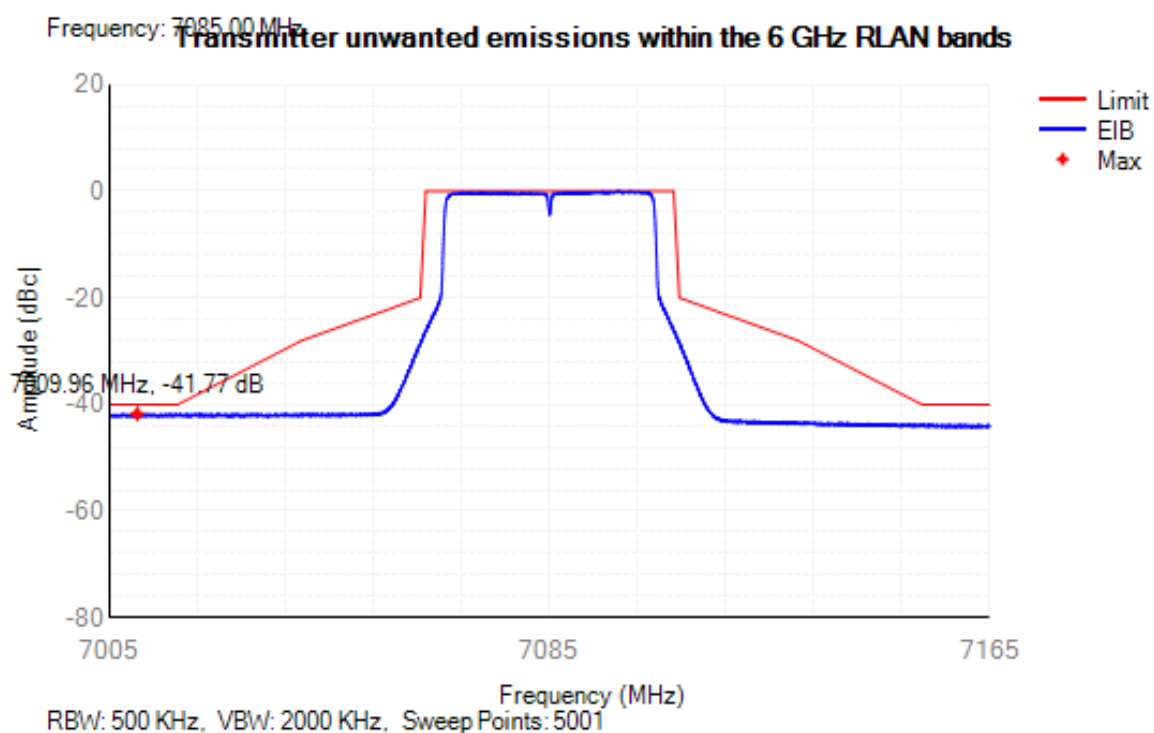
Power spectral mask NVNT ax40 6885MHz



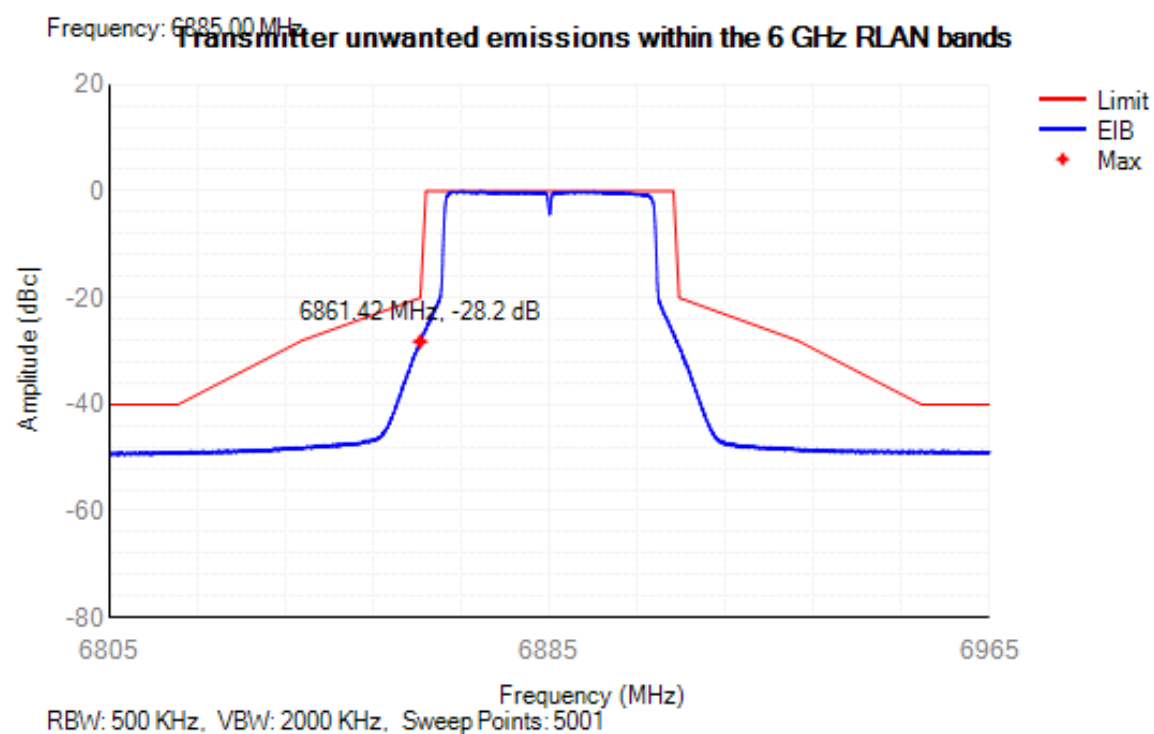
Power spectral mask NVNT ax40 6965MHz



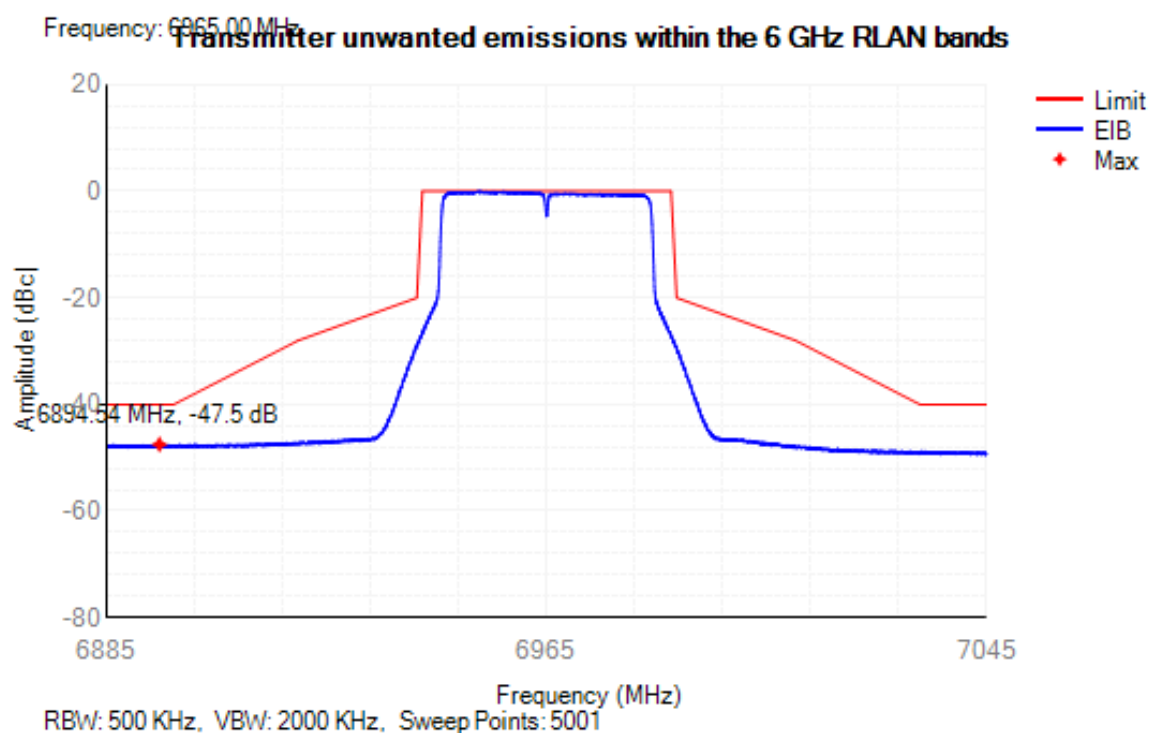
Power spectral mask NVNT ax40 7085MHz



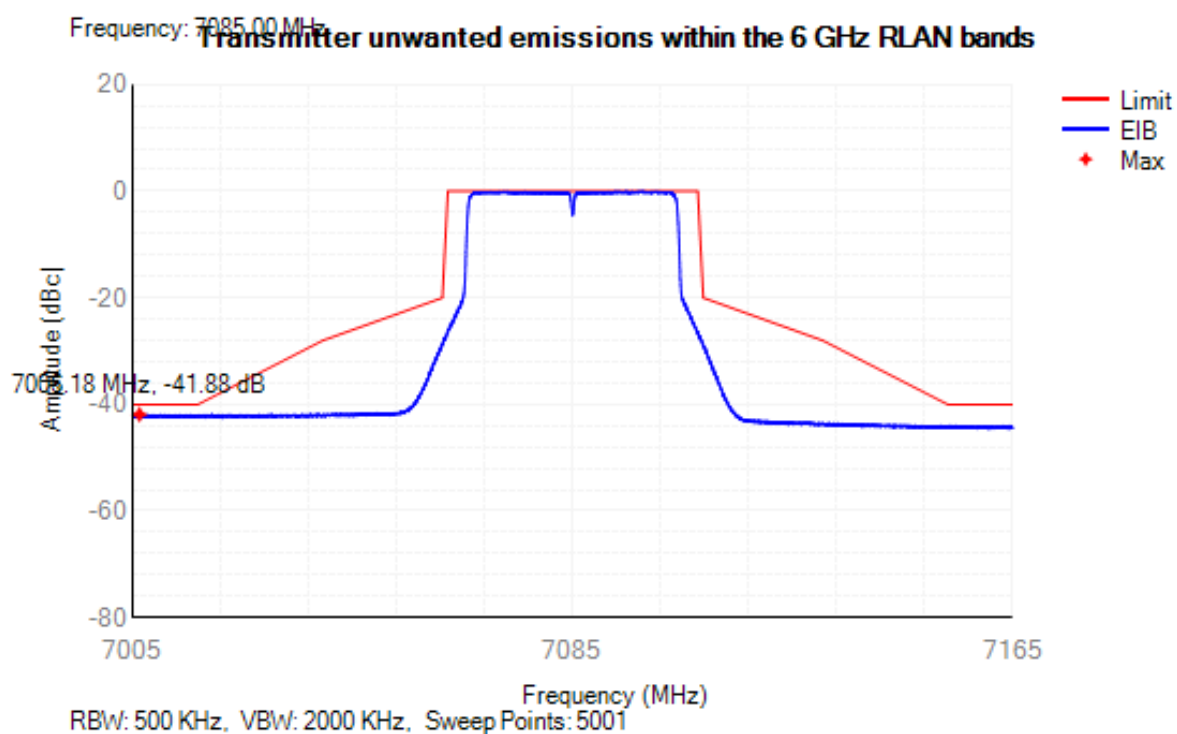
Power spectral mask NVNT ax40 6885MHz



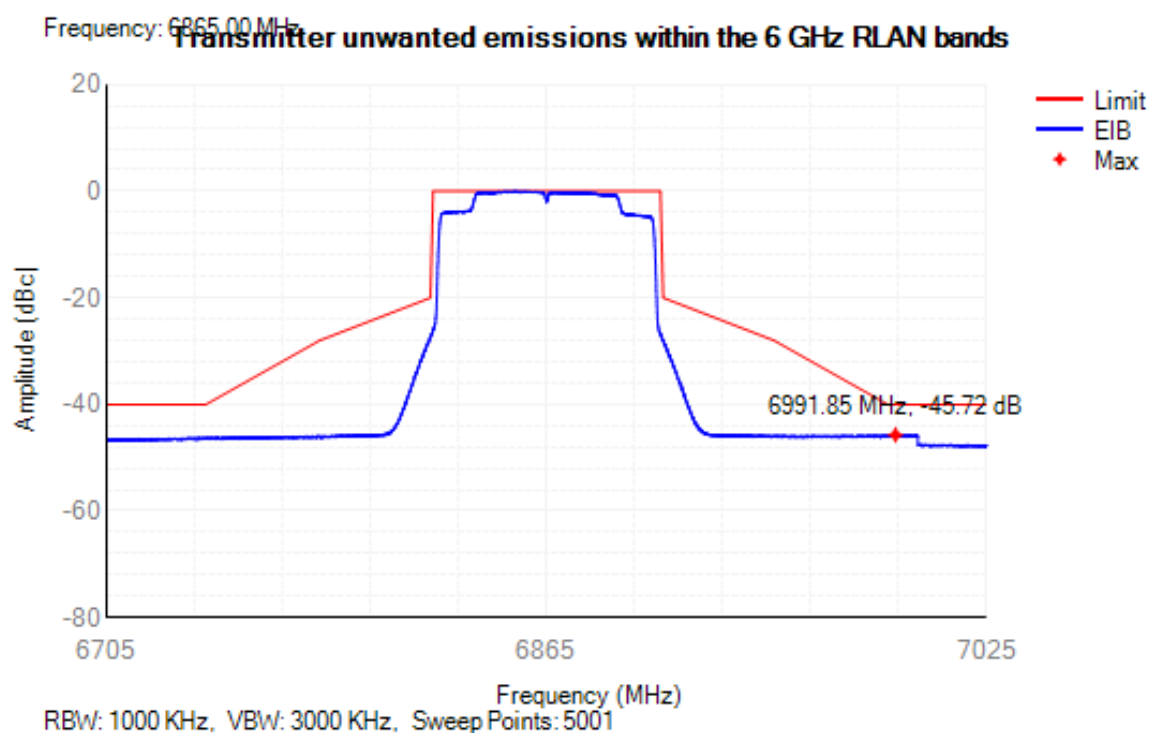
Power spectral mask NVNT ax40 6965MHz



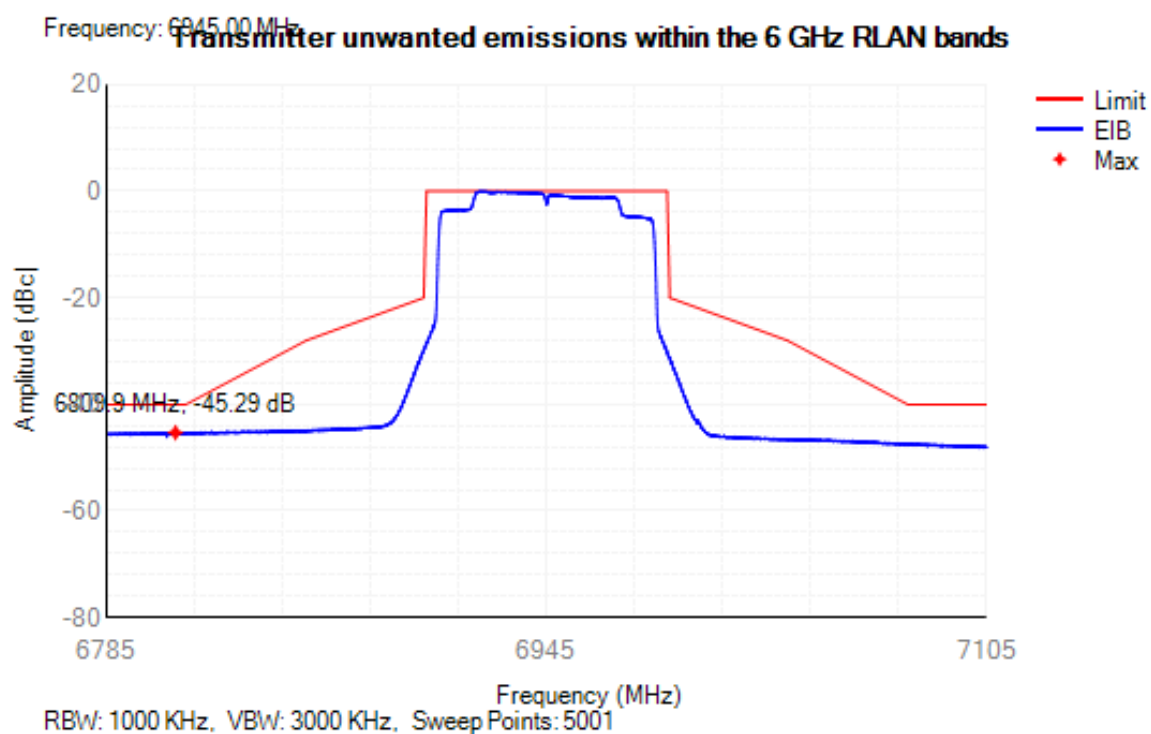
Power spectral mask NVNT ax40 7085MHz



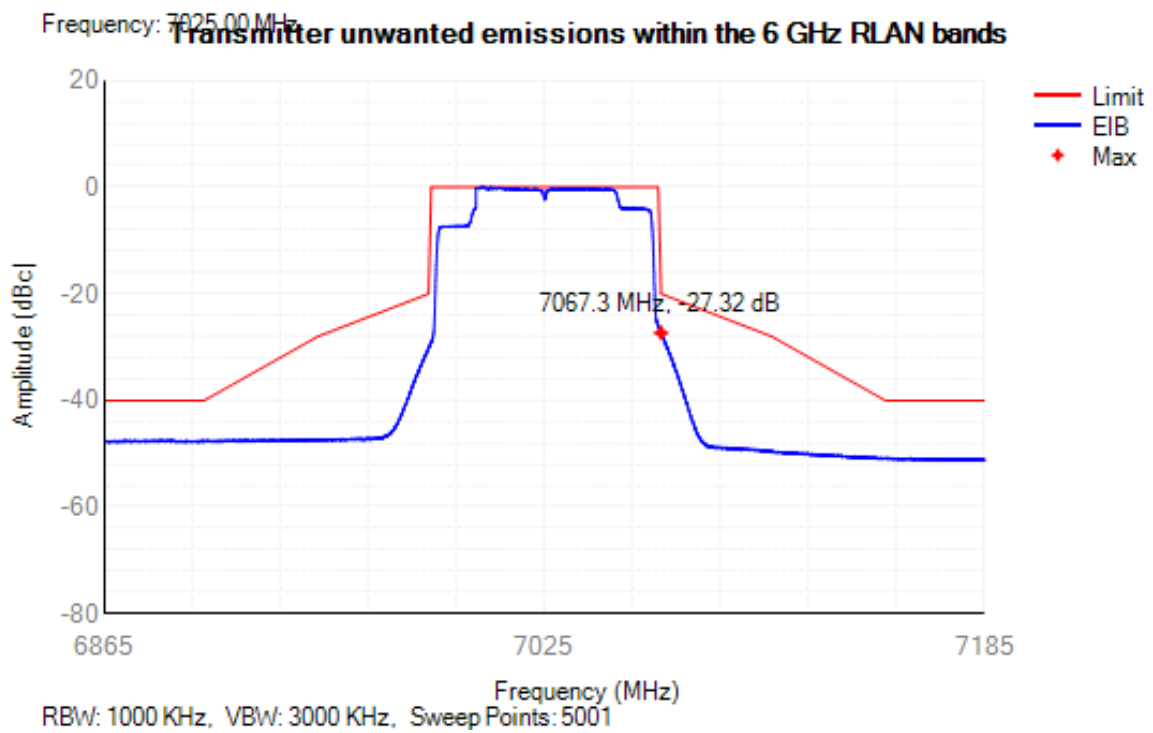
Power spectral mask NVNT ax80 6865MHz



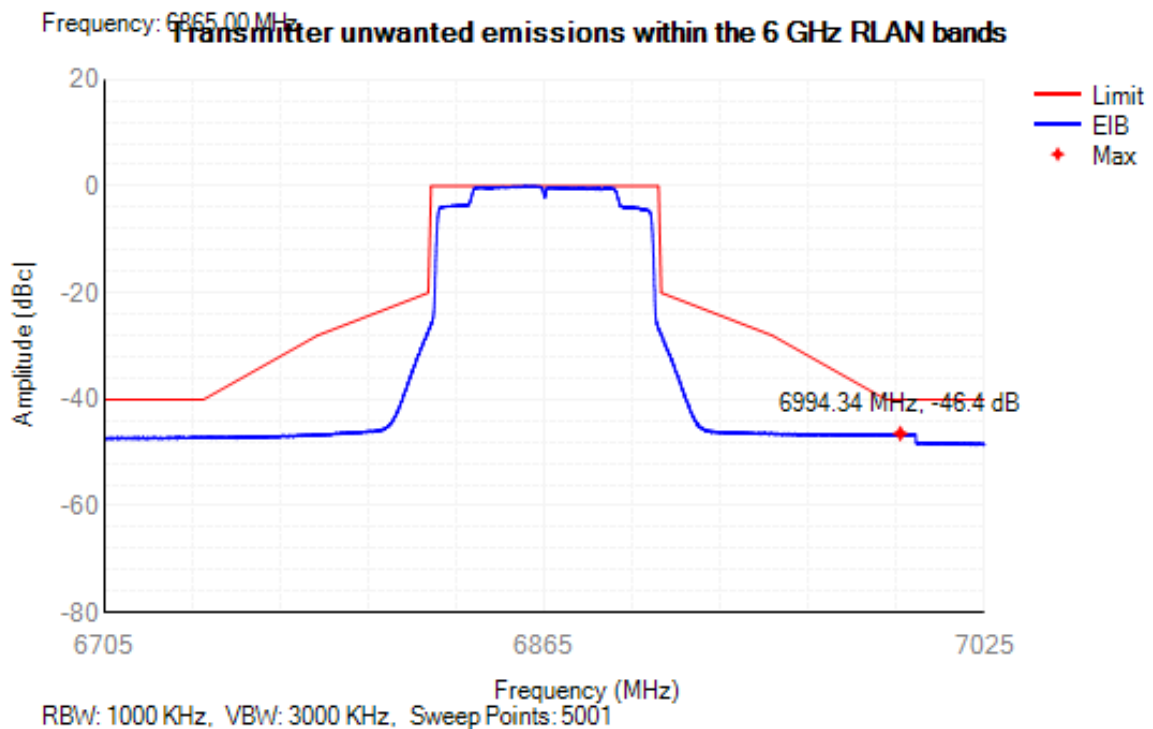
Power spectral mask NVNT ax80 6945MHz



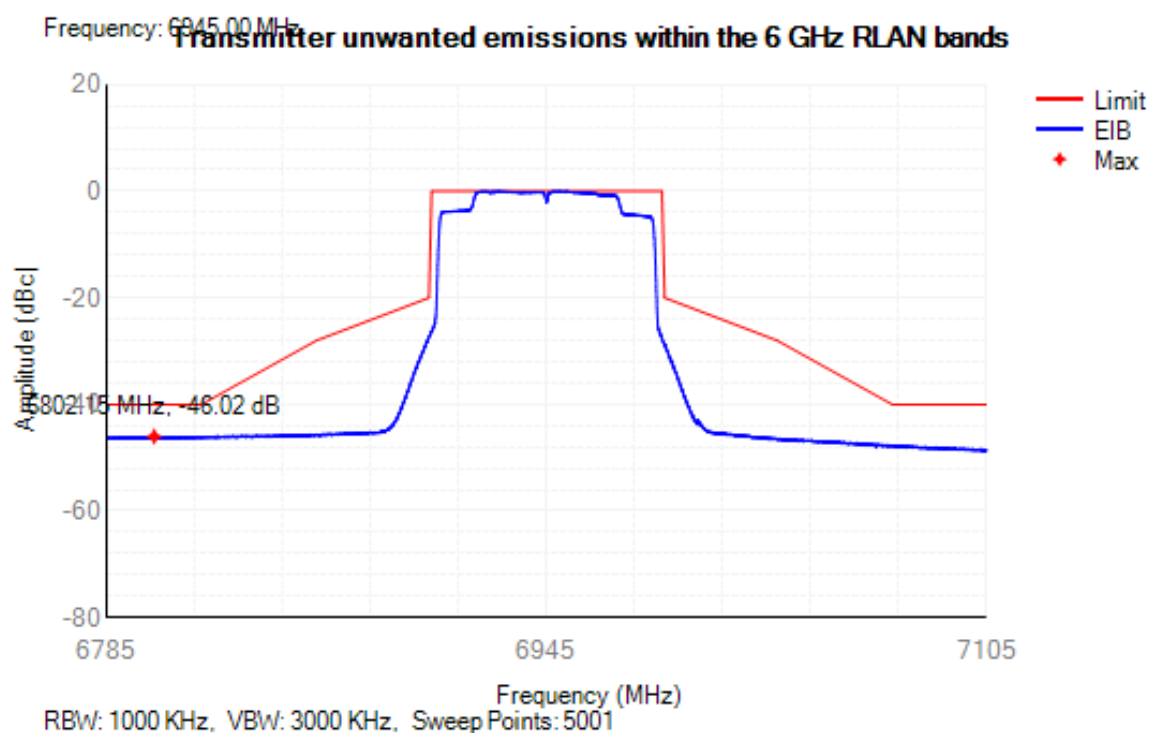
Power spectral mask NVNT ax80 7025MHz



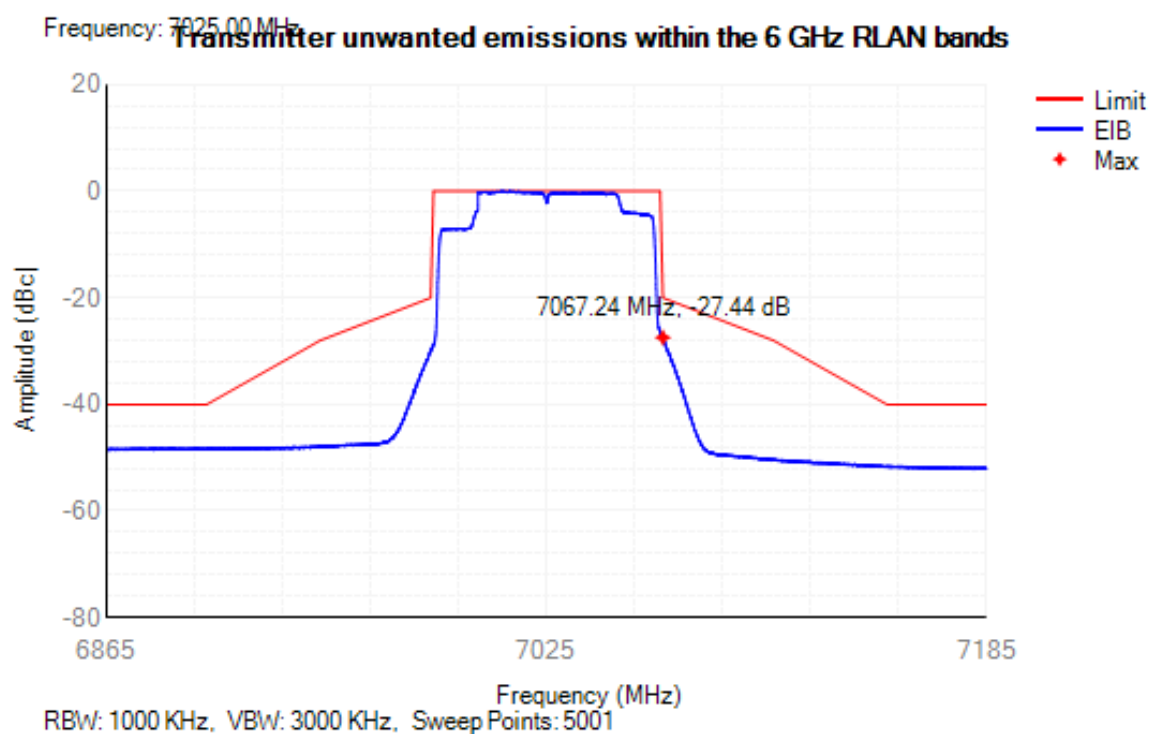
Power spectral mask NVNT ax80 6865MHz



Power spectral mask NVNT ax80 6945MHz



Power spectral mask NVNT ax80 7025MHz

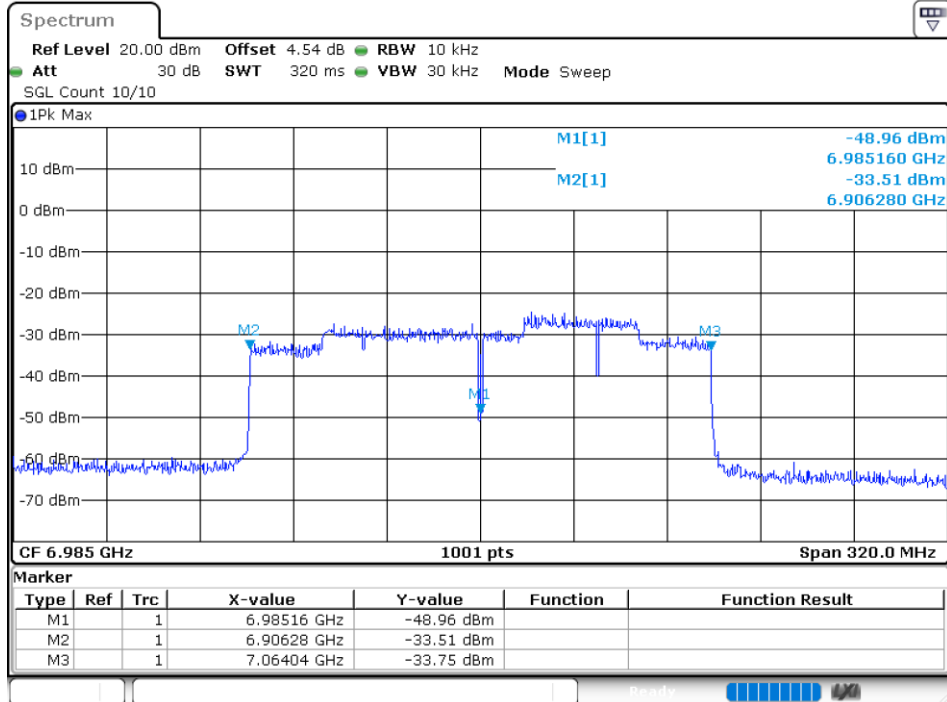


Frequency Stability

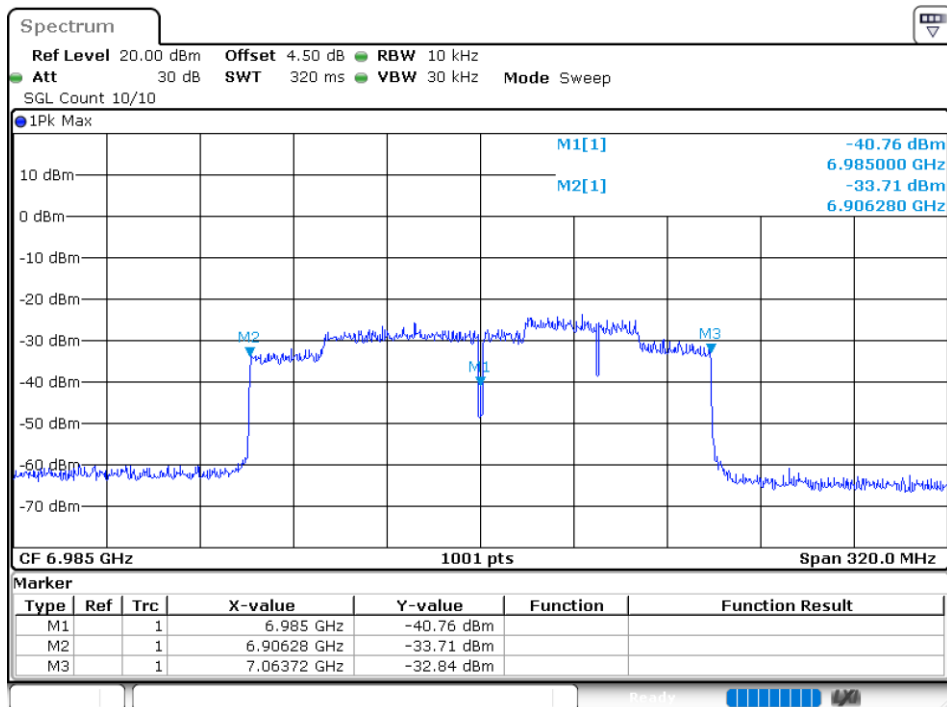
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6985	Ant1	6985.16	160000	22.91	25	Pass
NVNT	ax160	0	6985	Ant2	6985	0	0	25	Pass
NVNT	ax20	0	6875	Ant1	6875	0	0	25	Pass
NVNT	ax20	0	6995	Ant1	6995	0	0	25	Pass
NVNT	ax20	0	7115	Ant1	7114.98	-20000	-2.81	25	Pass
NVNT	ax20	0	6875	Ant2	6874.98	-20000	-2.91	25	Pass
NVNT	ax20	0	6995	Ant2	6994.98	-20000	-2.86	25	Pass
NVNT	ax20	0	7115	Ant2	7114.98	-20000	-2.81	25	Pass
NVNT	ax40	0	6885	Ant1	6885	0	0	25	Pass
NVNT	ax40	0	6965	Ant1	6965	0	0	25	Pass
NVNT	ax40	0	7085	Ant1	7085	0	0	25	Pass
NVNT	ax40	0	6885	Ant2	6885	0	0	25	Pass
NVNT	ax40	0	6965	Ant2	6965	0	0	25	Pass
NVNT	ax40	0	7085	Ant2	7085	0	0	25	Pass
NVNT	ax80	0	6865	Ant1	6864.92	-80000	-11.65	25	Pass
NVNT	ax80	0	6945	Ant1	6944.92	-80000	-11.52	25	Pass
NVNT	ax80	0	7025	Ant1	7025.16	160000	22.78	25	Pass
NVNT	ax80	0	6865	Ant2	6864.92	-80000	-11.65	25	Pass
NVNT	ax80	0	6945	Ant2	6945	0	0	25	Pass
NVNT	ax80	0	7025	Ant2	7025.16	160000	22.78	25	Pass

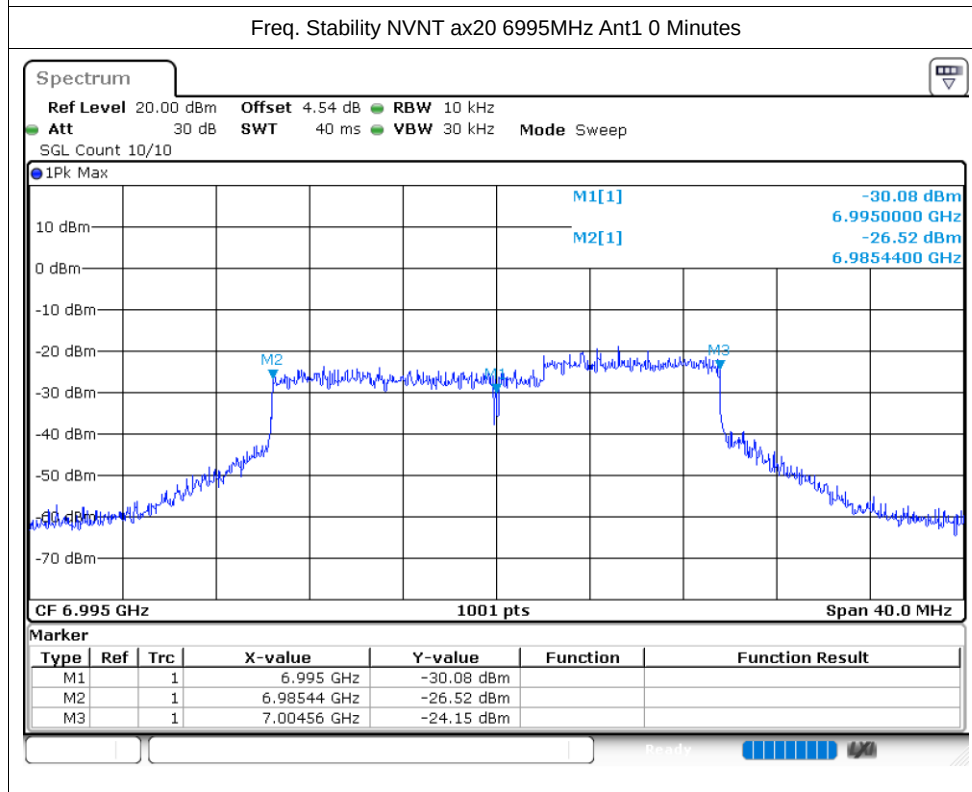
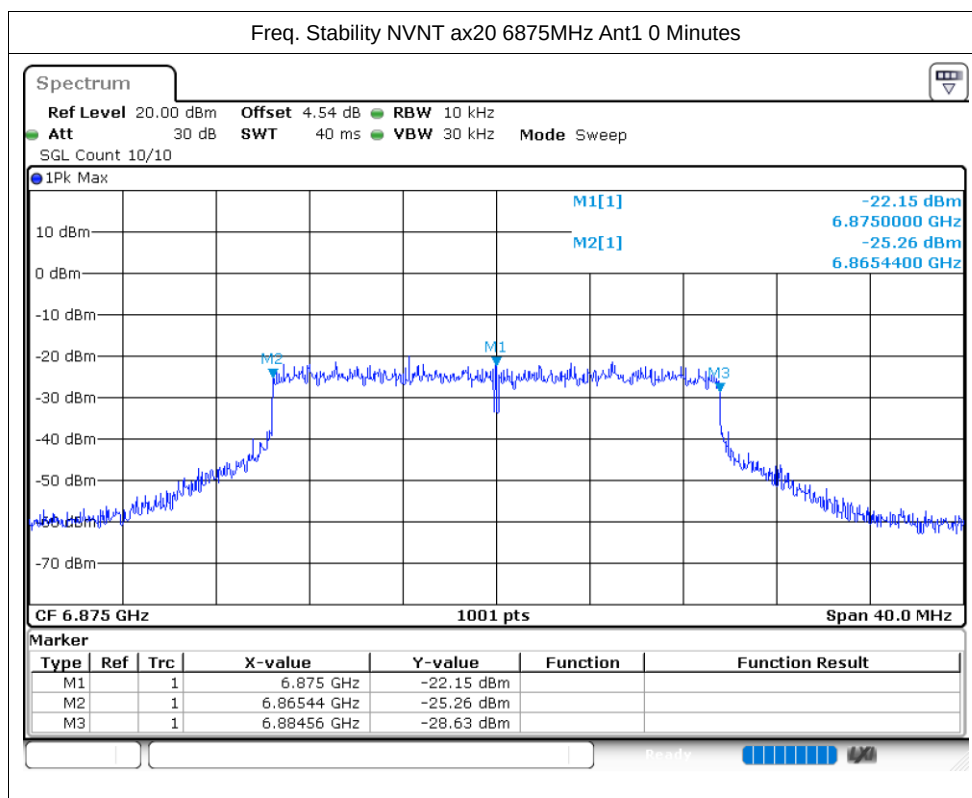
Test Graphs

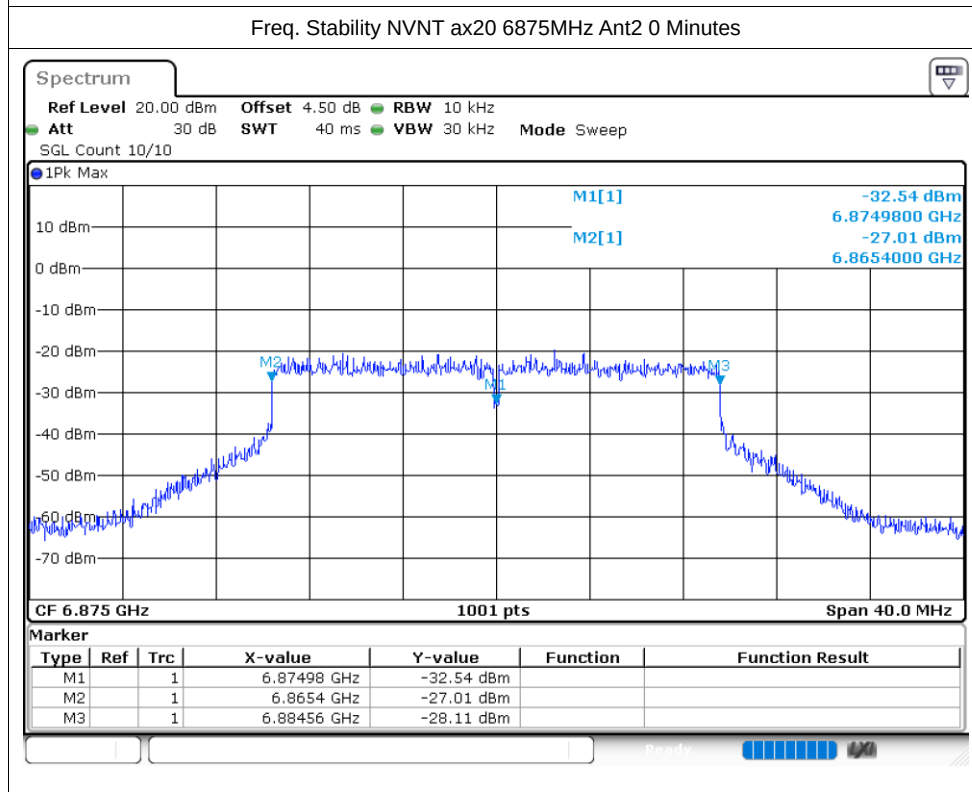
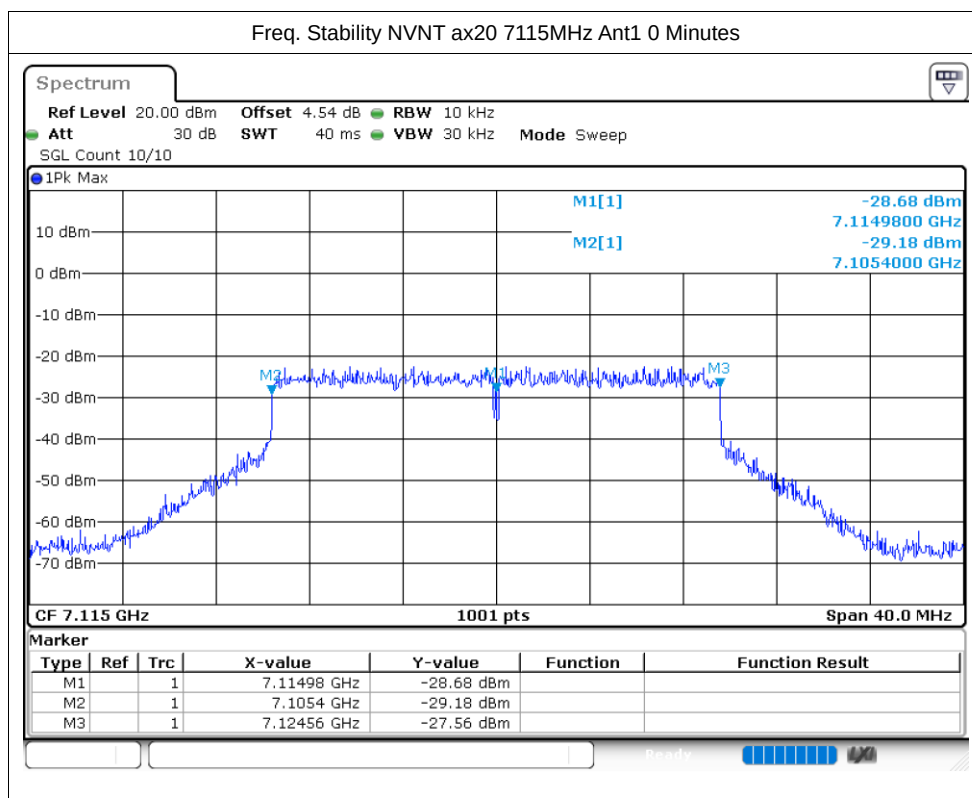
Freq. Stability NVNT ax160 6985MHz Ant1 0 Minutes

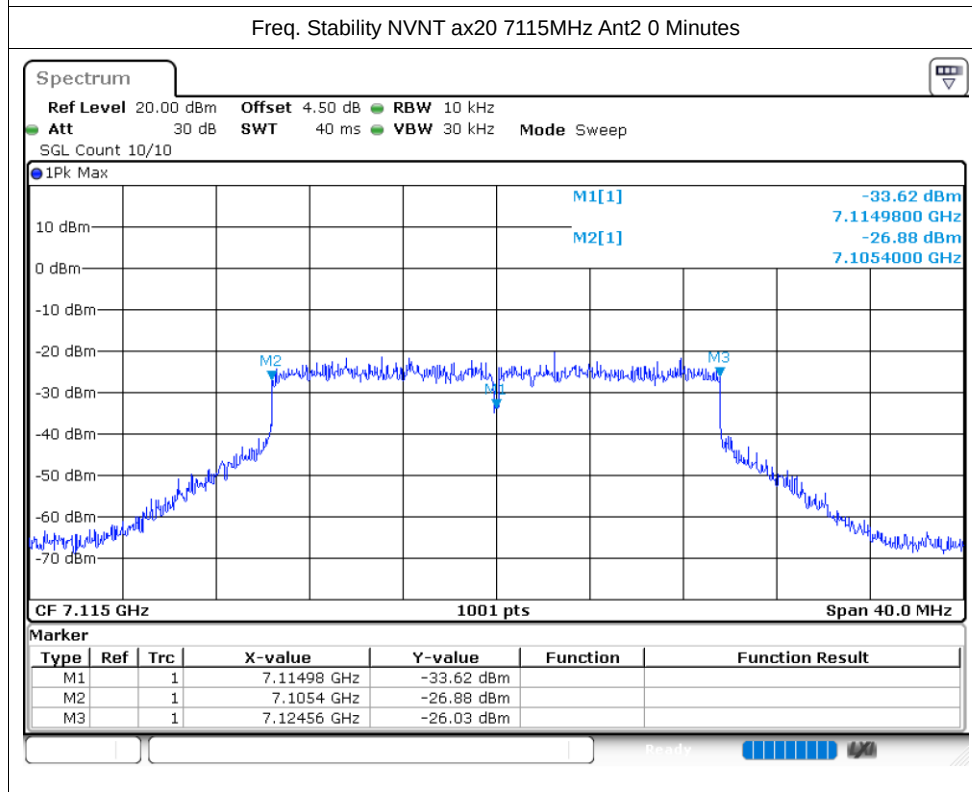
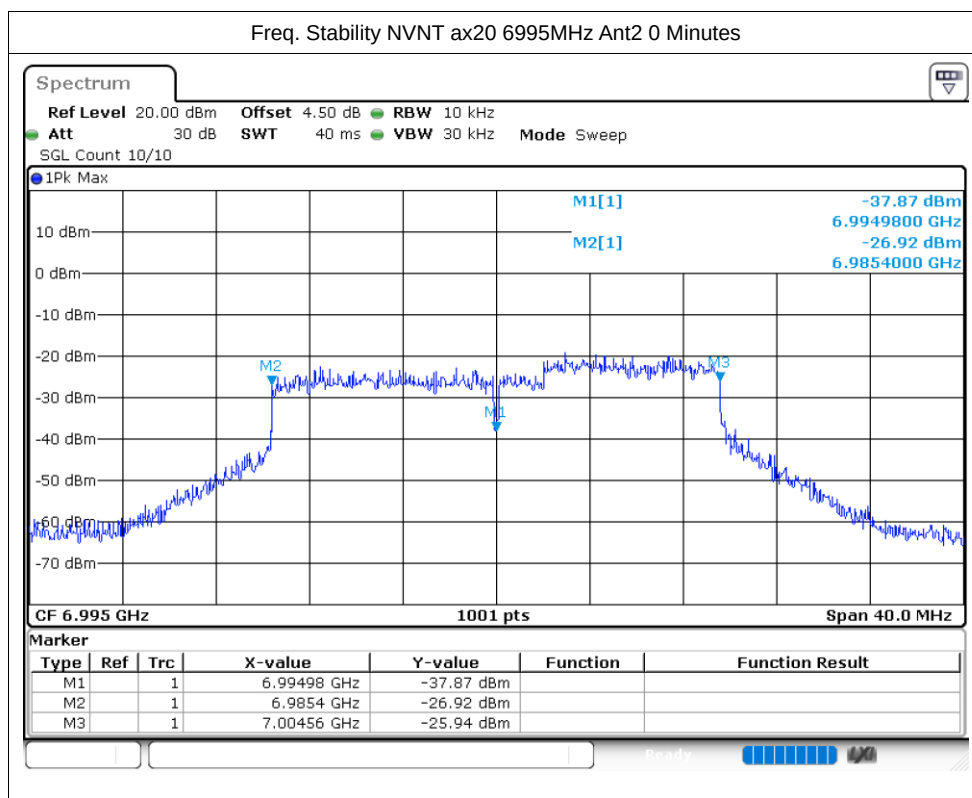


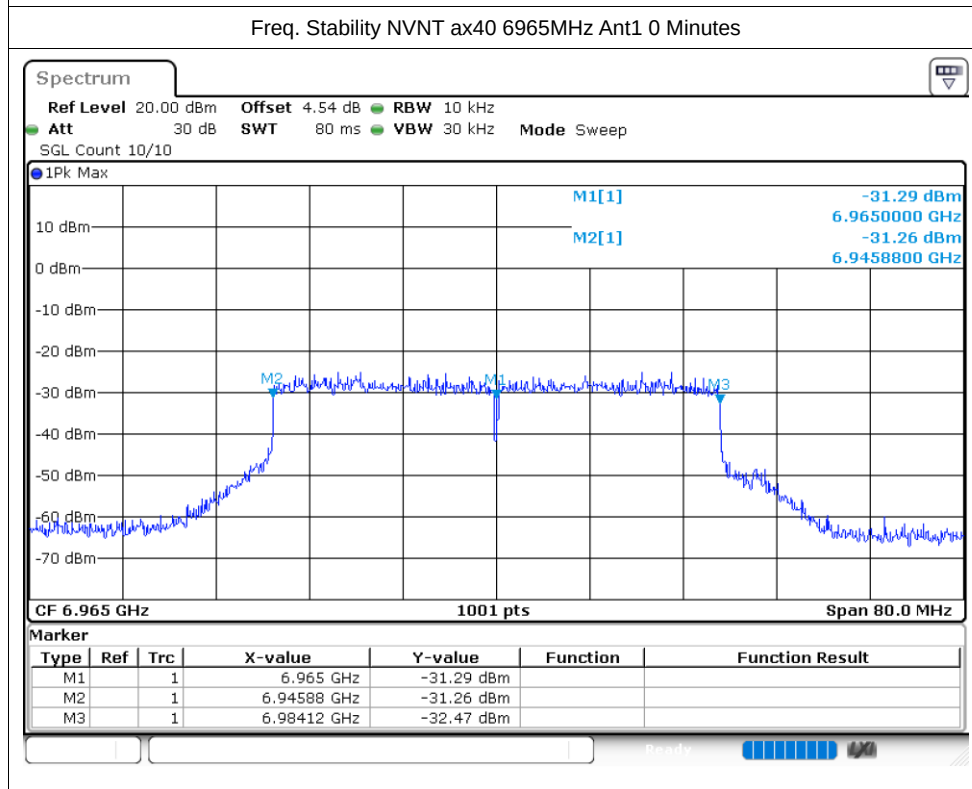
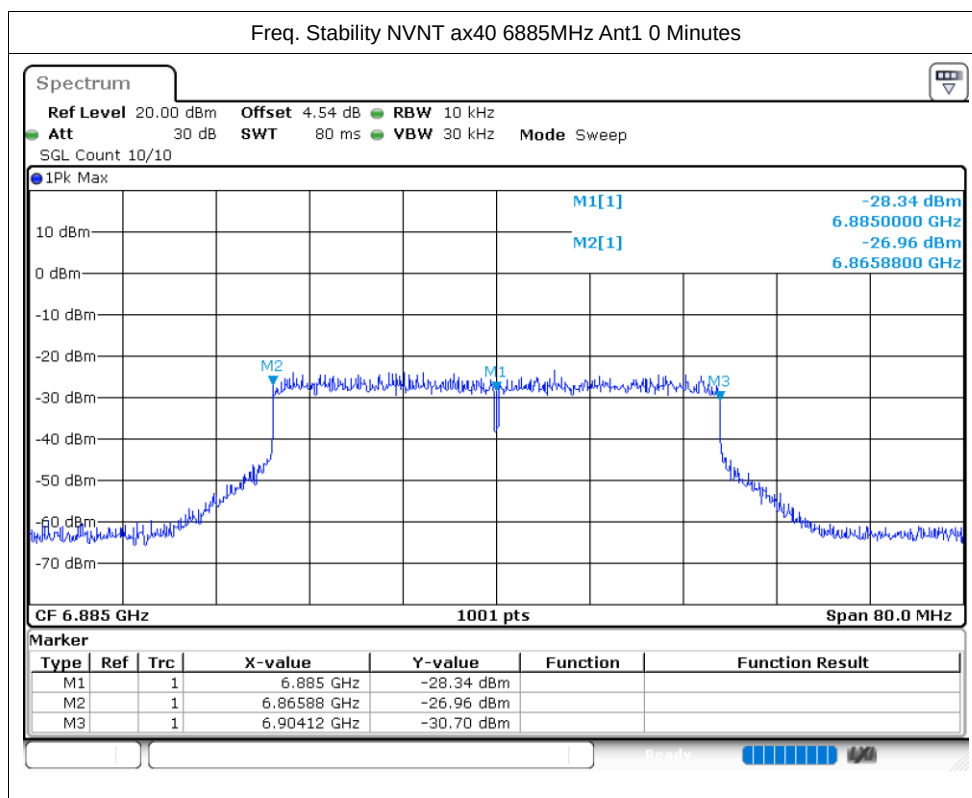
Freq. Stability NVNT ax160 6985MHz Ant2 0 Minutes

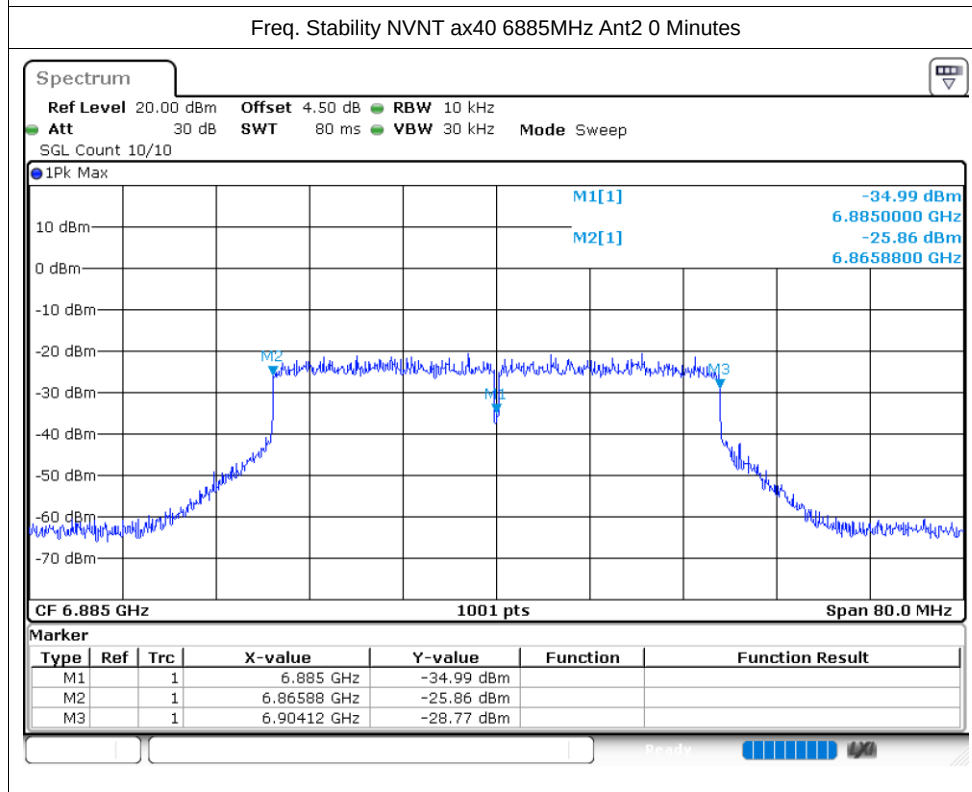
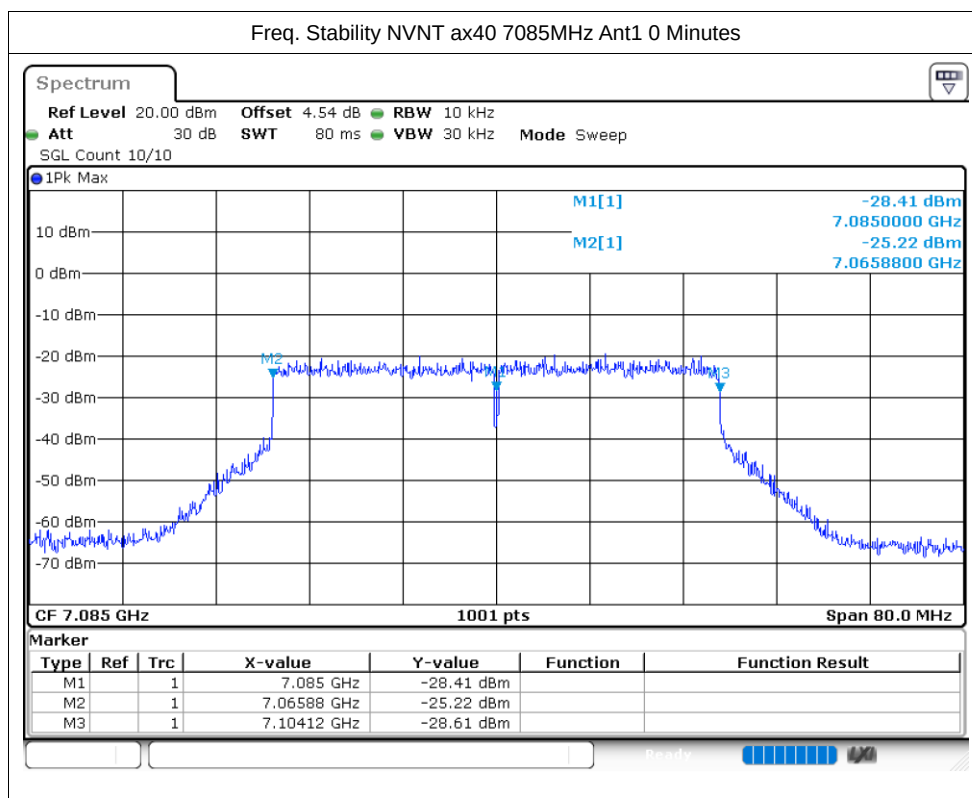


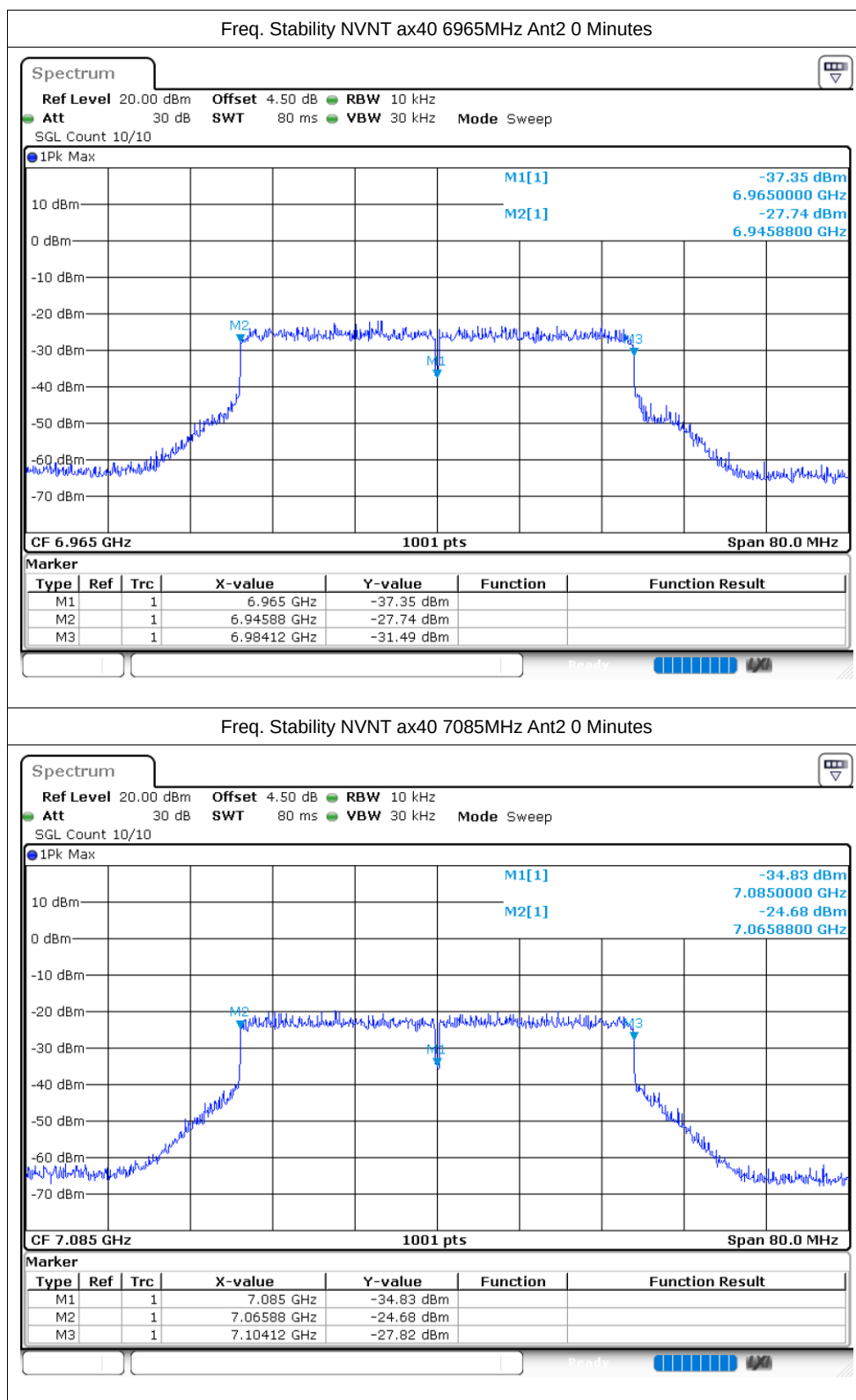


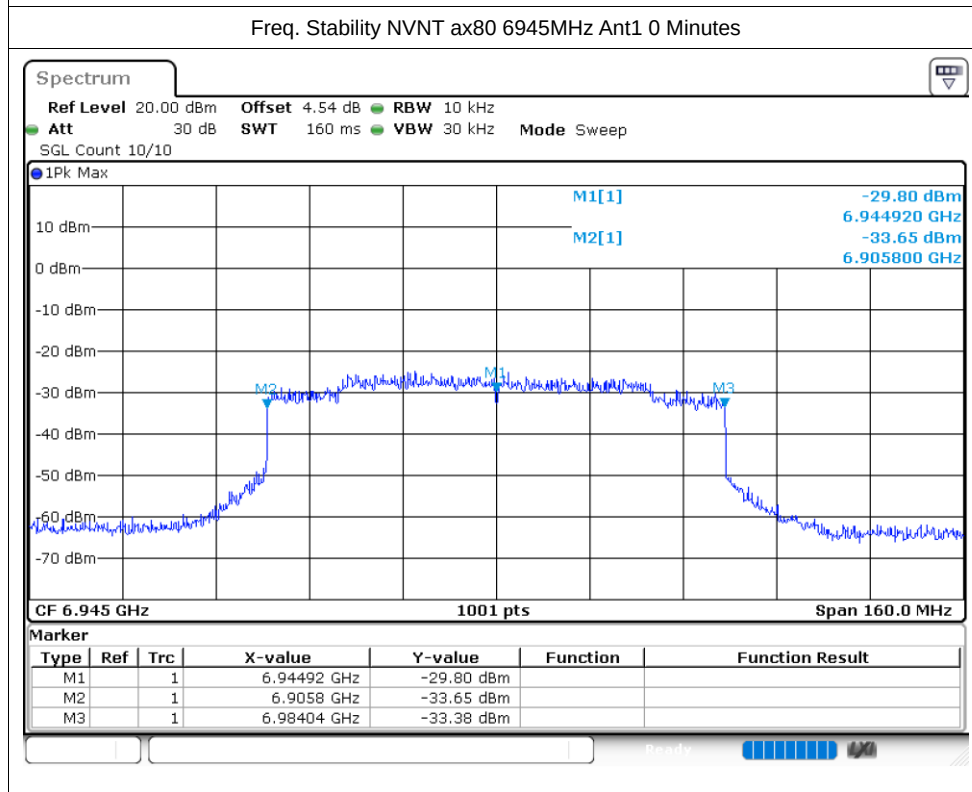
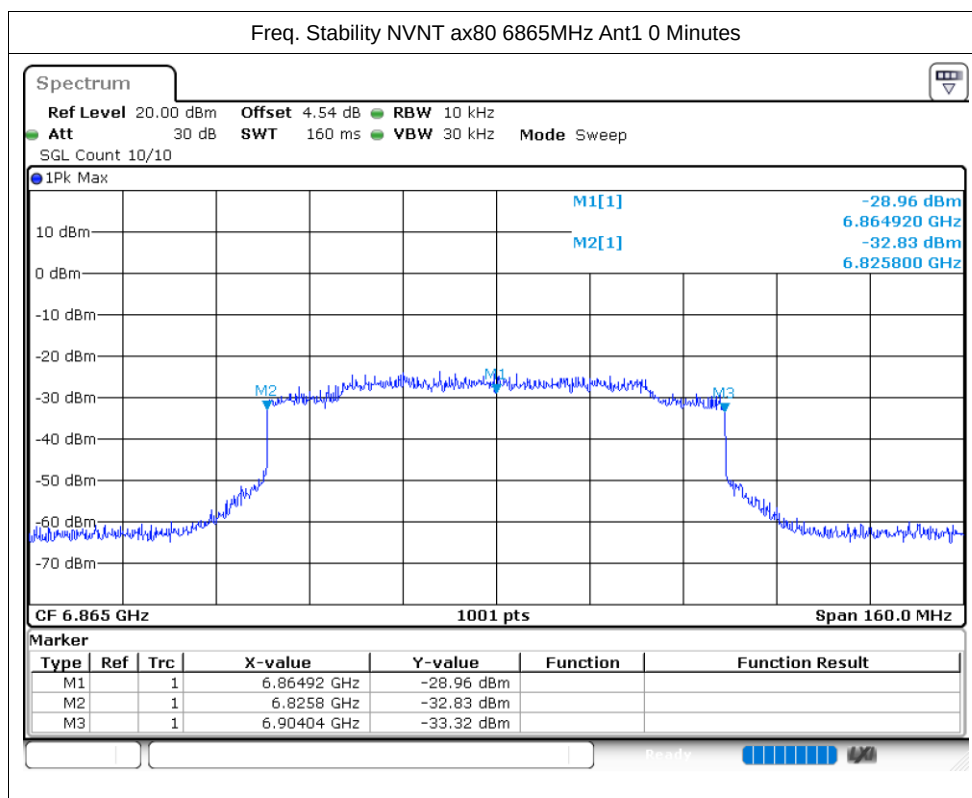


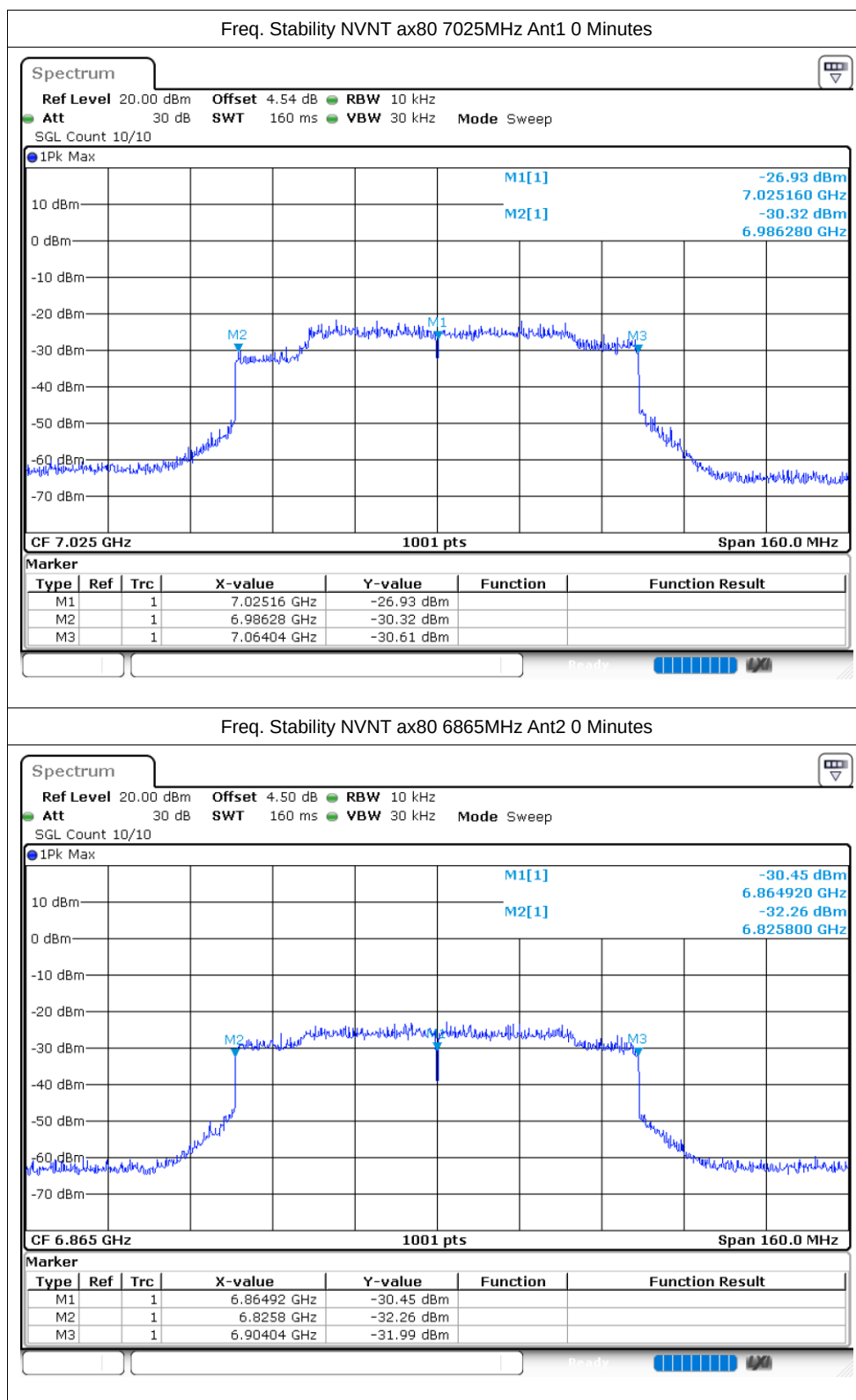


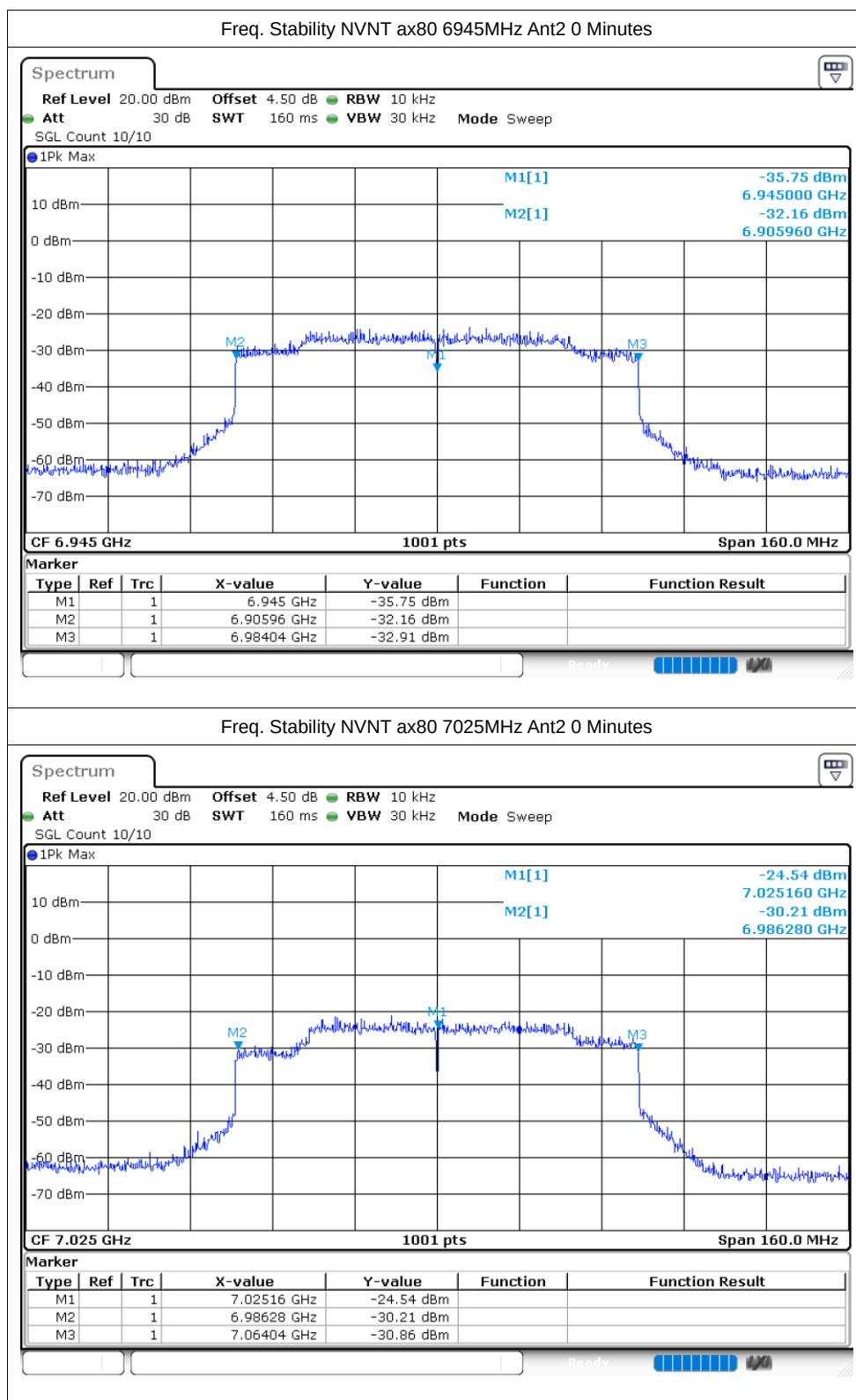












Contention Based Protocol

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	209	6995	6995	-63.7	OFF	-66.39	-62	10	100	>90	PASS
				-64.77	Minimal	-67.46					
				-65.89	ON	-68.58					

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	207	6985	6910	-61.69	OFF	-64.38	-62	10	100	>90	PASS
				-62.85	Minimal	-65.54					
				-64	ON	-66.69					
			6985	-61.54	OFF	-64.23	-62	10	100	>90	PASS
				-62.78	Minimal	-65.47					
				-63.89	ON	-66.58					
			7060	-61.75	OFF	-64.44	-62	10	100	>90	PASS
				-62.9	Minimal	-65.59					
				-64.04	ON	-66.73					

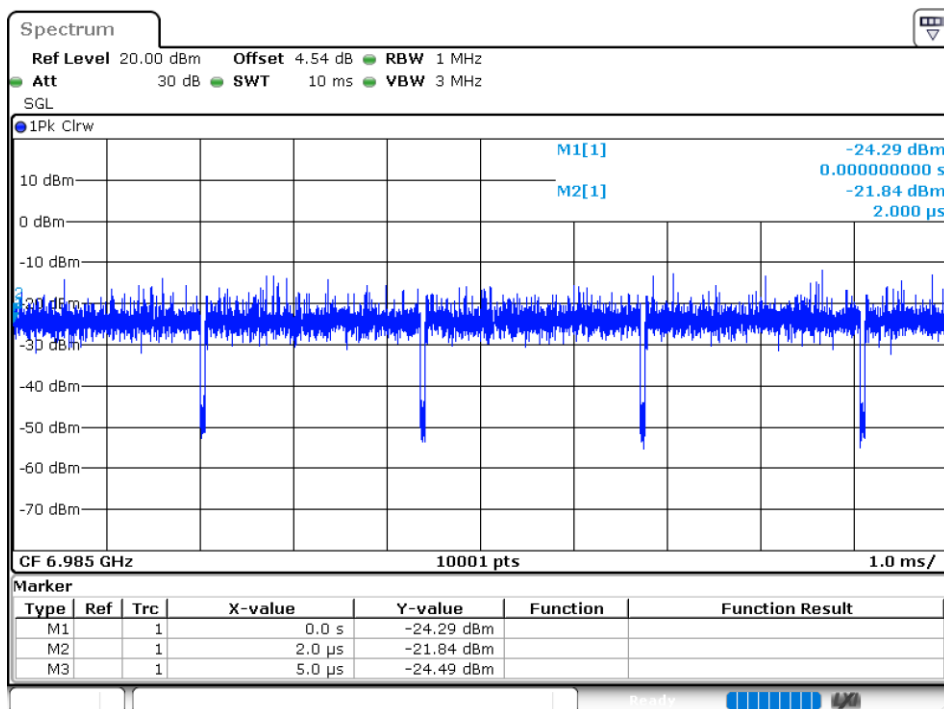
7.0G WIFI MIMO

Duty Cycle

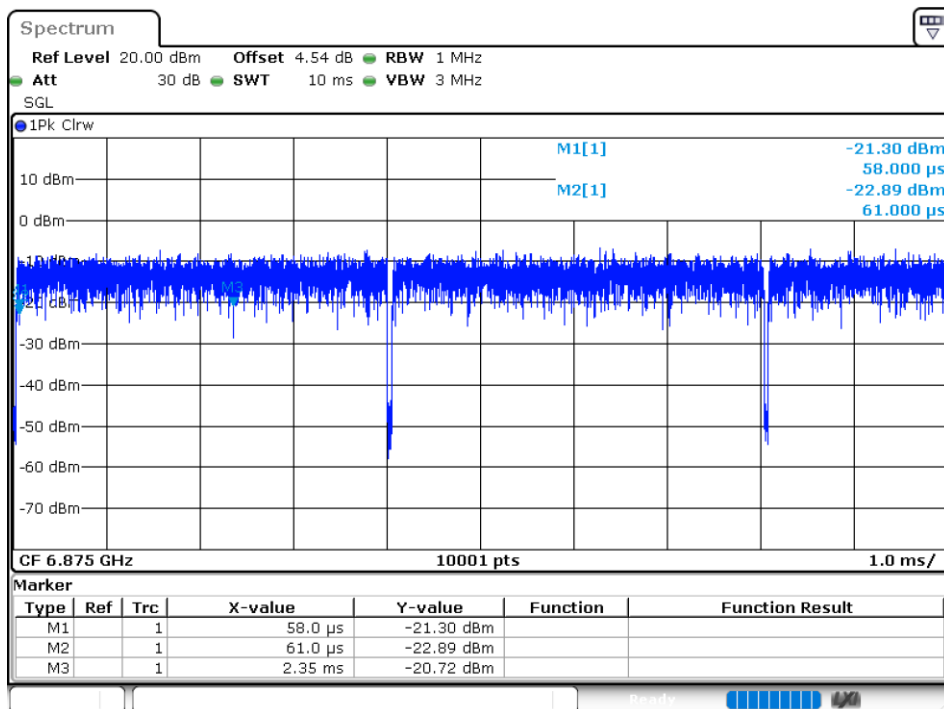
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6985	Sum	98.24	0	0.65
NVNT	ax20	6875	Sum	99.87	0	0.44
NVNT	ax20	6995	Sum	98.33	0	0.87
NVNT	ax20	7115	Sum	99.72	0	1.41
NVNT	ax40	6885	Sum	98.35	0	0.95
NVNT	ax40	6965	Sum	99.81	0	0.93
NVNT	ax40	7085	Sum	98.76	0	0.97
NVNT	ax80	6865	Sum	99.55	0	1.26
NVNT	ax80	6945	Sum	98.95	0	2.29
NVNT	ax80	7025	Sum	98.59	0	1.67

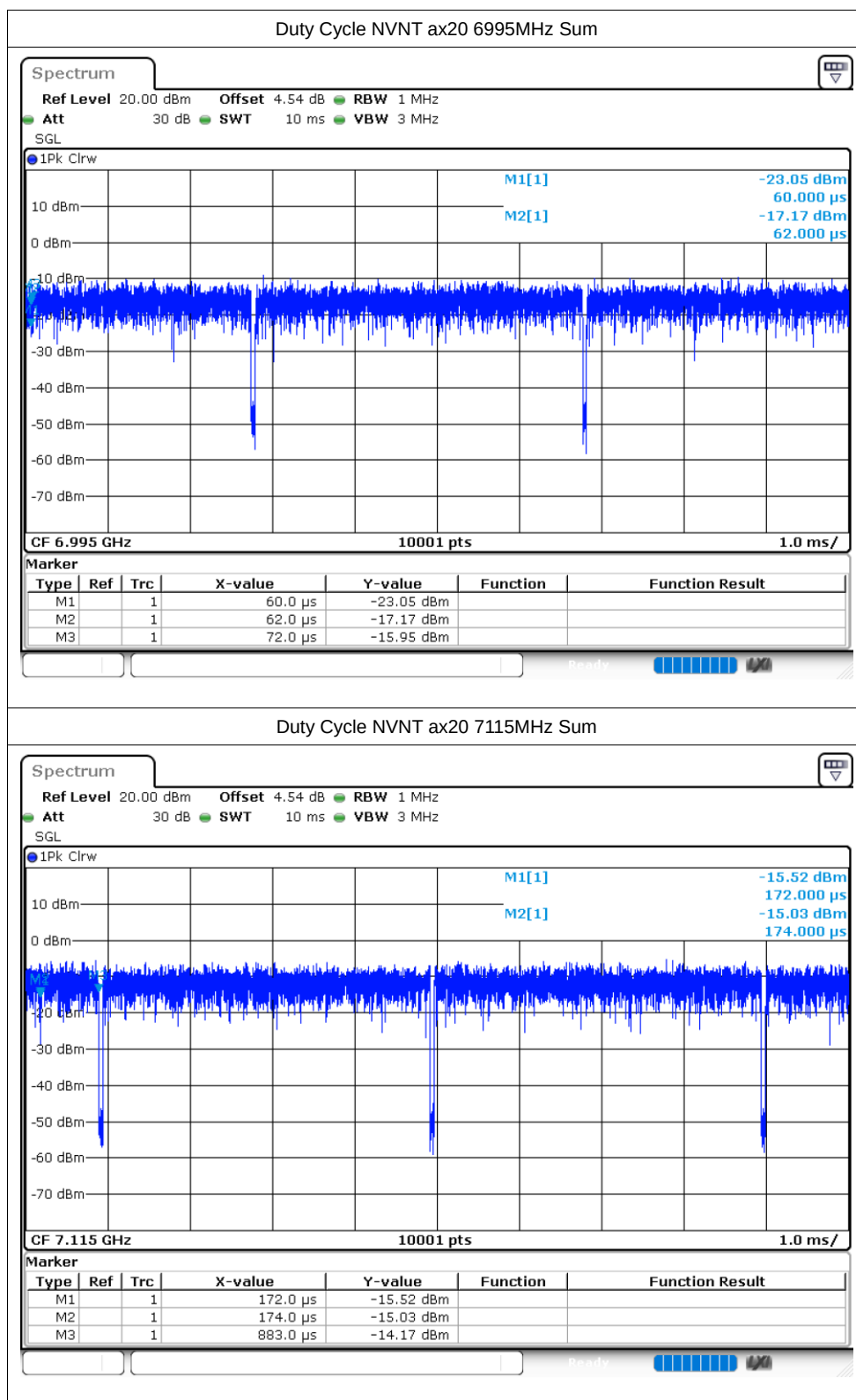
Test Graphs

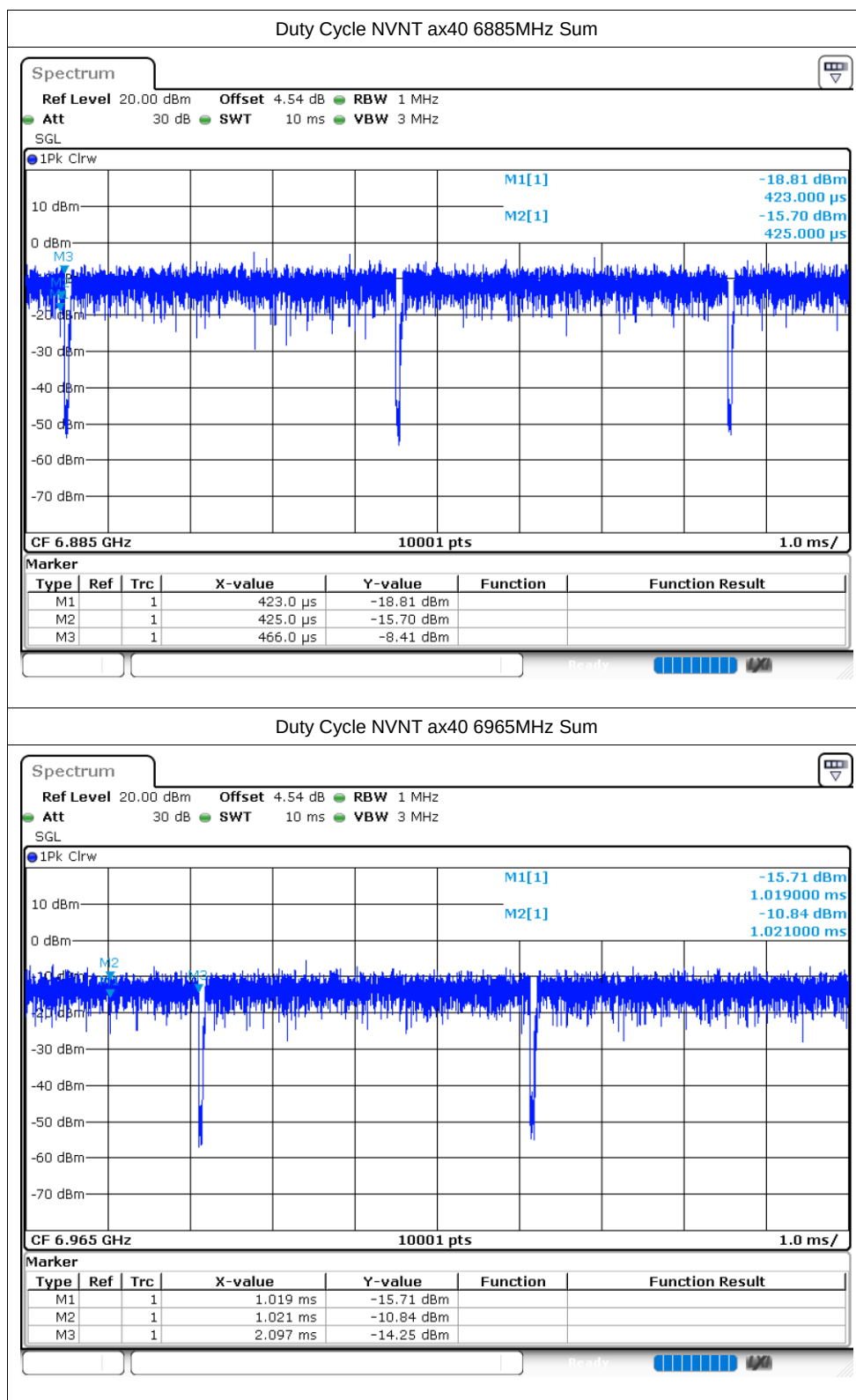
Duty Cycle NVNT ax160 6985MHz Sum

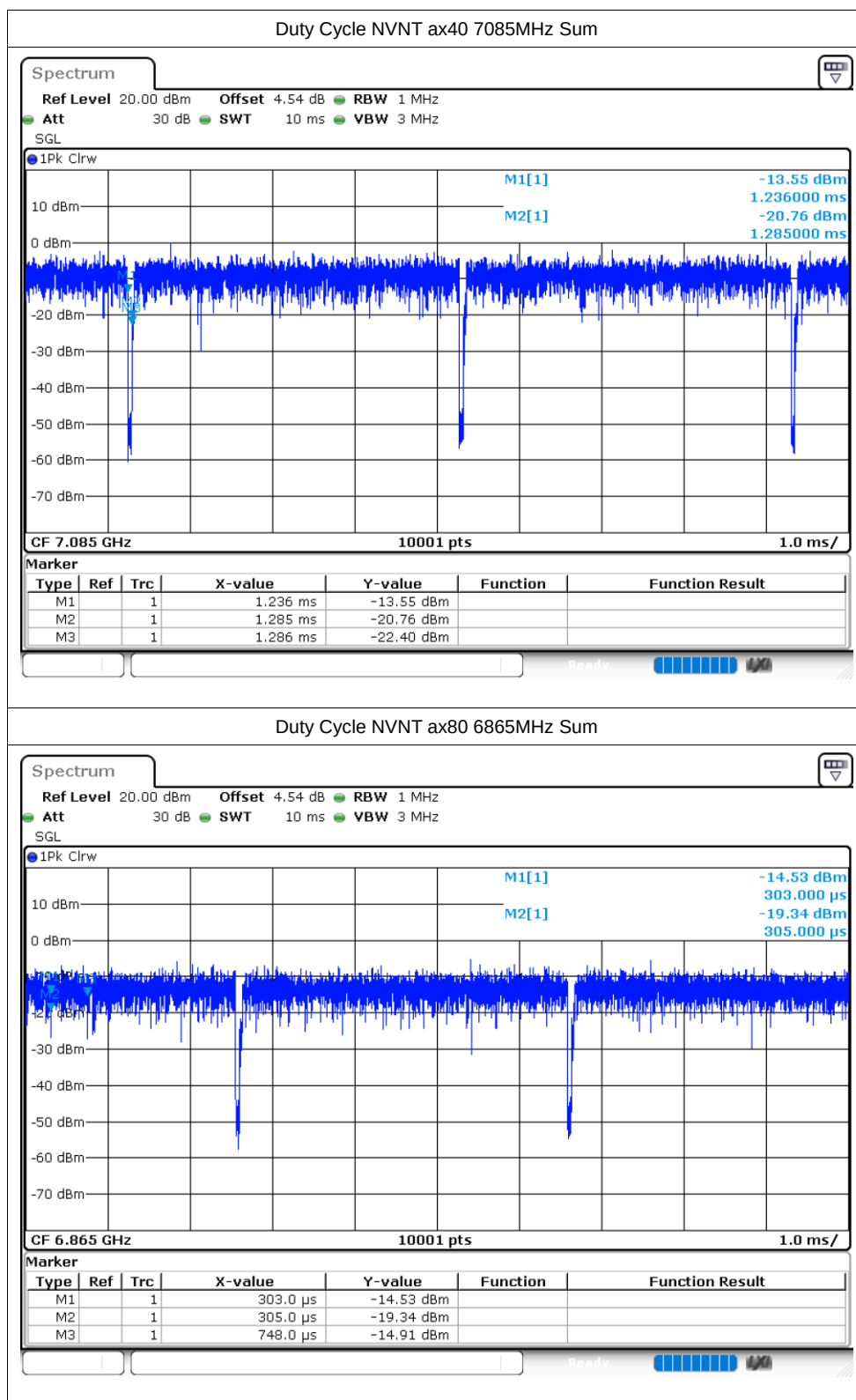


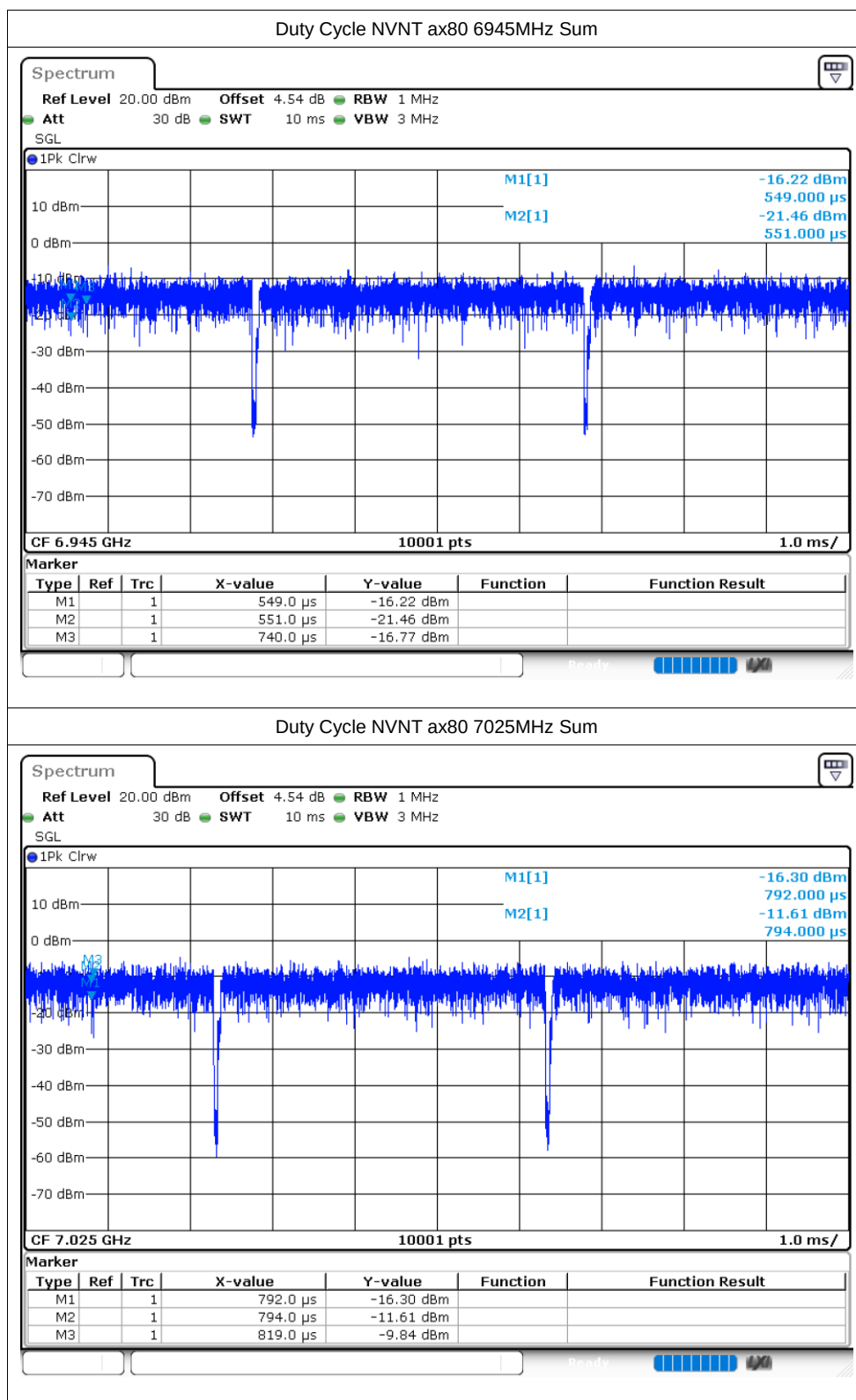
Duty Cycle NVNT ax20 6875MHz Sum











Maximum Conducted Output Power

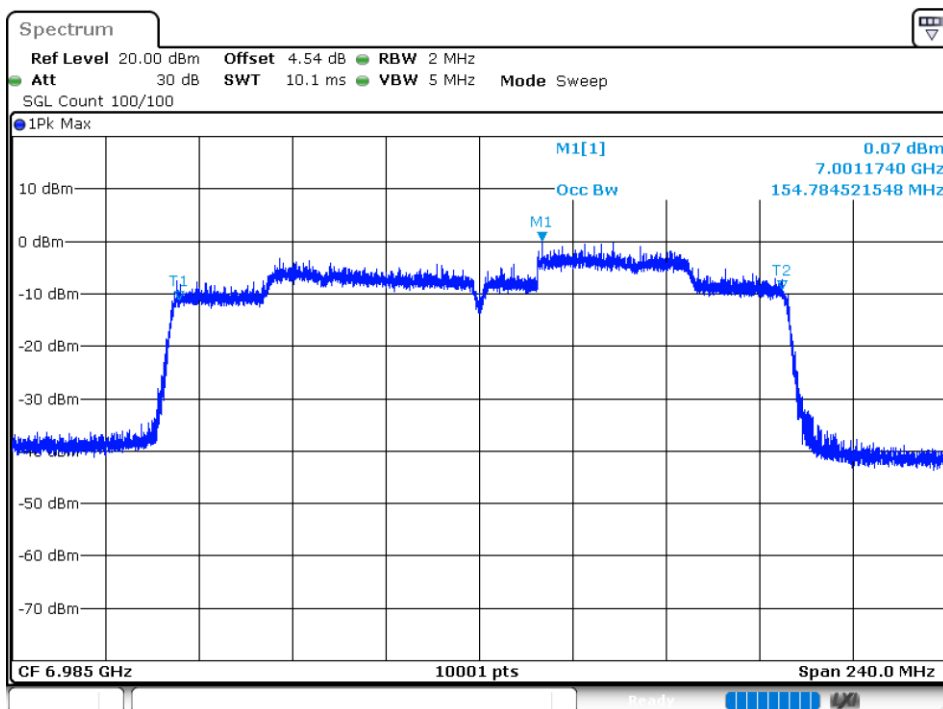
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	6.01	6.01	4.88	10.89	24	Pass
NVNT	ax160	6985	Ant2	5.57	5.57	4.84	10.41	24	Pass
NVNT	ax160	6985	Sum				13.67	24	Pass
NVNT	ax20	6875	Ant1	-0.07	-0.07	4.88	4.81	24	Pass
NVNT	ax20	6875	Ant2	-0.05	-0.05	4.84	4.79	24	Pass
NVNT	ax20	6875	Sum				7.81	24	Pass
NVNT	ax20	6995	Ant1	-0.17	-0.17	4.88	4.71	24	Pass
NVNT	ax20	6995	Ant2	-0.34	-0.34	4.84	4.5	24	Pass
NVNT	ax20	6995	Sum				7.62	24	Pass
NVNT	ax20	7115	Ant1	-0.67	-0.67	4.88	4.21	24	Pass
NVNT	ax20	7115	Ant2	-3.49	-3.49	4.84	1.35	24	Pass
NVNT	ax20	7115	Sum				6.02	24	Pass
NVNT	ax40	6885	Ant1	5.76	5.76	4.88	10.64	24	Pass
NVNT	ax40	6885	Ant2	5.68	5.68	4.84	10.52	24	Pass
NVNT	ax40	6885	Sum				13.59	24	Pass
NVNT	ax40	6965	Ant1	5.8	5.8	4.88	10.68	24	Pass
NVNT	ax40	6965	Ant2	5.39	5.39	4.84	10.23	24	Pass
NVNT	ax40	6965	Sum				13.47	24	Pass
NVNT	ax40	7085	Ant1	5.94	5.94	4.88	10.82	24	Pass
NVNT	ax40	7085	Ant2	5.23	5.23	4.84	10.07	24	Pass
NVNT	ax40	7085	Sum				13.47	24	Pass
NVNT	ax80	6865	Ant1	5.78	5.78	4.88	10.66	24	Pass
NVNT	ax80	6865	Ant2	5.59	5.59	4.84	10.43	24	Pass
NVNT	ax80	6865	Sum				13.56	24	Pass
NVNT	ax80	6945	Ant1	5.51	5.51	4.88	10.39	24	Pass
NVNT	ax80	6945	Ant2	5.33	5.33	4.84	10.17	24	Pass
NVNT	ax80	6945	Sum				13.29	24	Pass
NVNT	ax80	7025	Ant1	5.74	5.74	4.88	10.62	24	Pass
NVNT	ax80	7025	Ant2	5.55	5.55	4.84	10.39	24	Pass
NVNT	ax80	7025	Sum				13.52	24	Pass

Occupied Channel Bandwidth

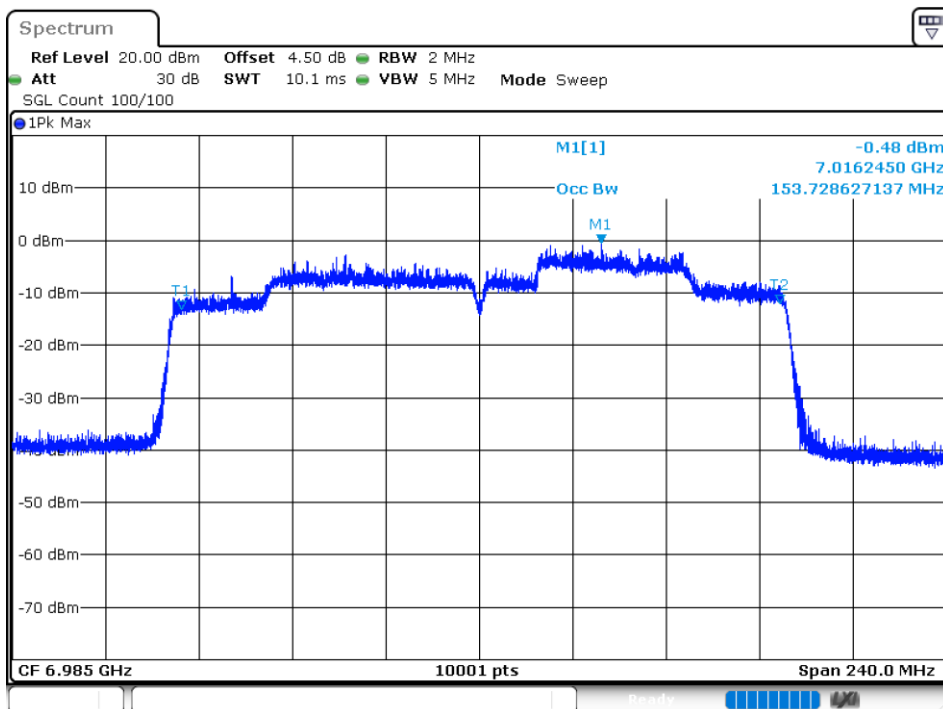
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6985	Ant1	154.785
NVNT	ax160	6985	Ant2	153.729
NVNT	ax20	6875	Ant1	19.051
NVNT	ax20	6875	Ant2	19.078
NVNT	ax20	6995	Ant1	18.997
NVNT	ax20	6995	Ant2	18.961
NVNT	ax20	7115	Ant1	19.048
NVNT	ax20	7115	Ant2	19.057
NVNT	ax40	6885	Ant1	37.874
NVNT	ax40	6885	Ant2	37.814
NVNT	ax40	6965	Ant1	37.886
NVNT	ax40	6965	Ant2	37.856
NVNT	ax40	7085	Ant1	37.91
NVNT	ax40	7085	Ant2	37.832
NVNT	ax80	6865	Ant1	76.492
NVNT	ax80	6865	Ant2	76.648
NVNT	ax80	6945	Ant1	76.564
NVNT	ax80	6945	Ant2	76.528
NVNT	ax80	7025	Ant1	75.784
NVNT	ax80	7025	Ant2	75.04

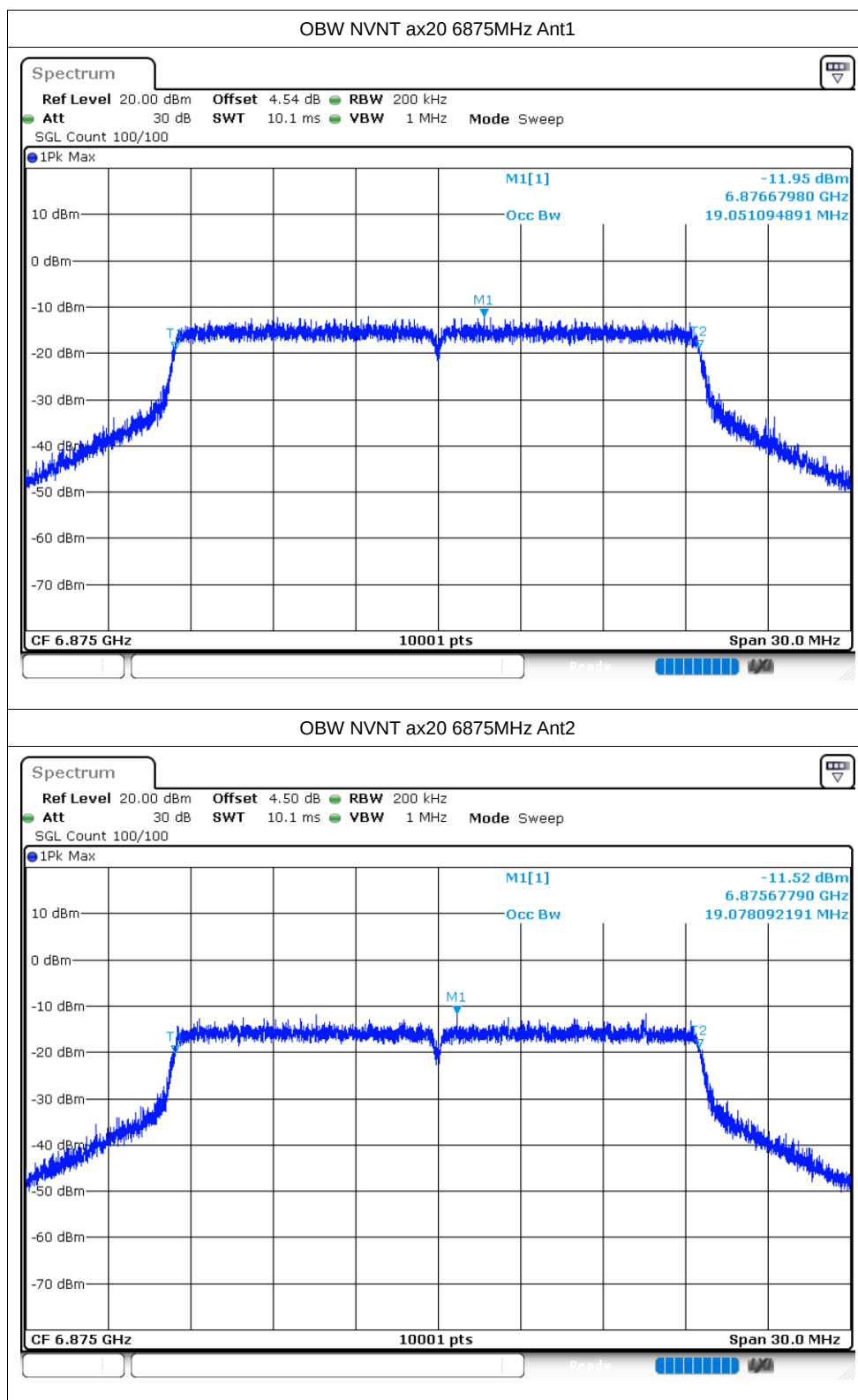
Test Graphs

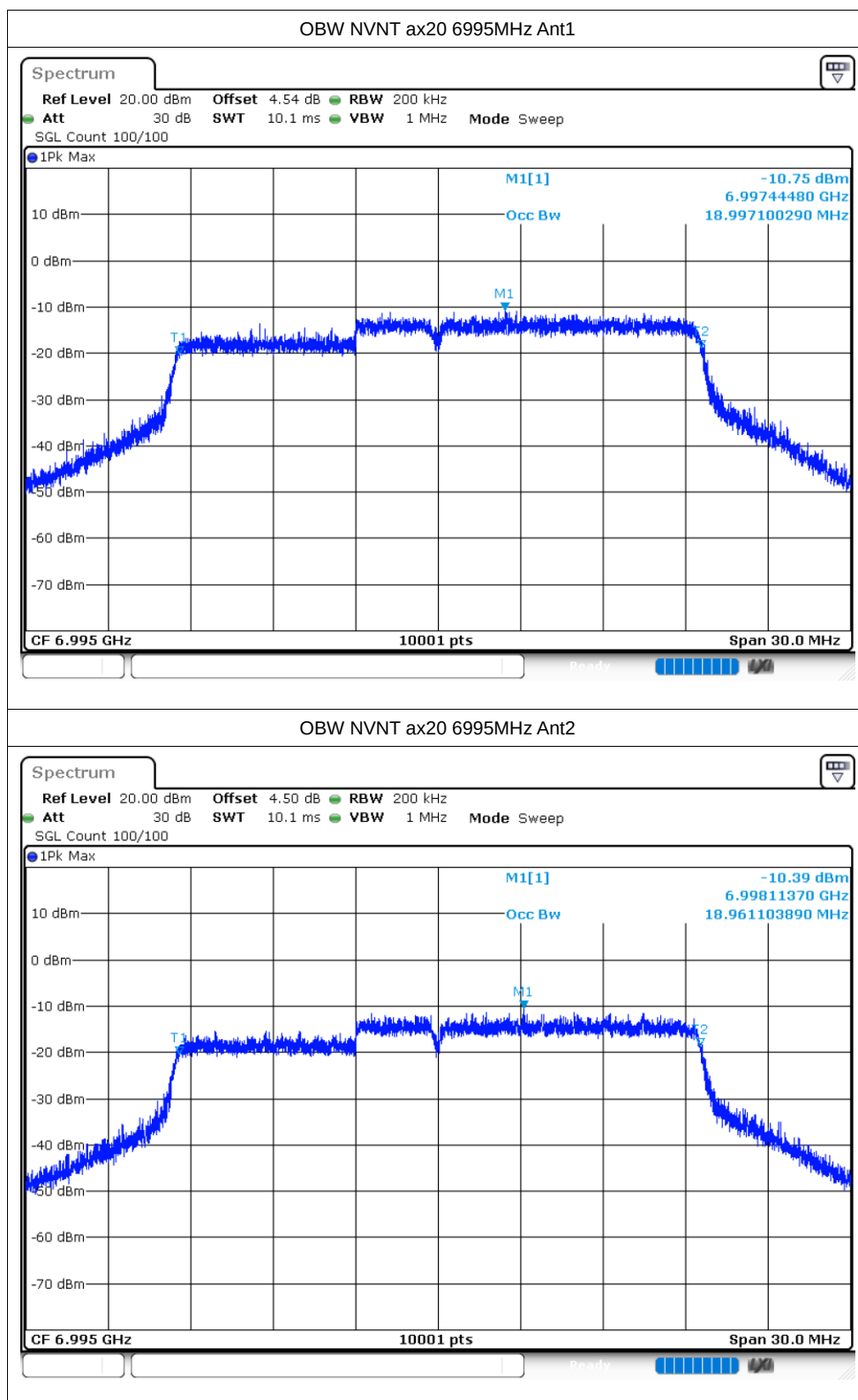
OBW NVNT ax160 6985MHz Ant1

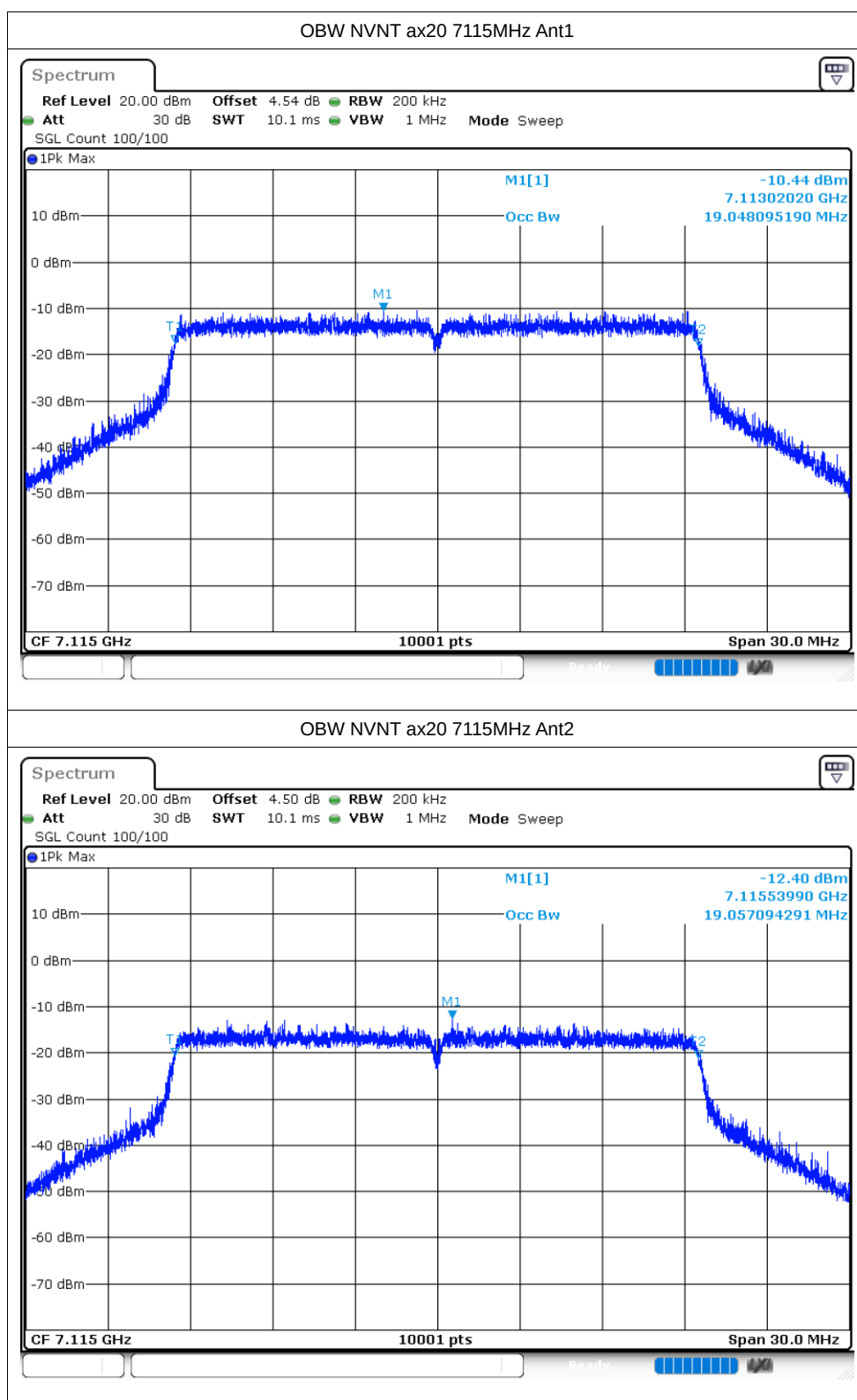


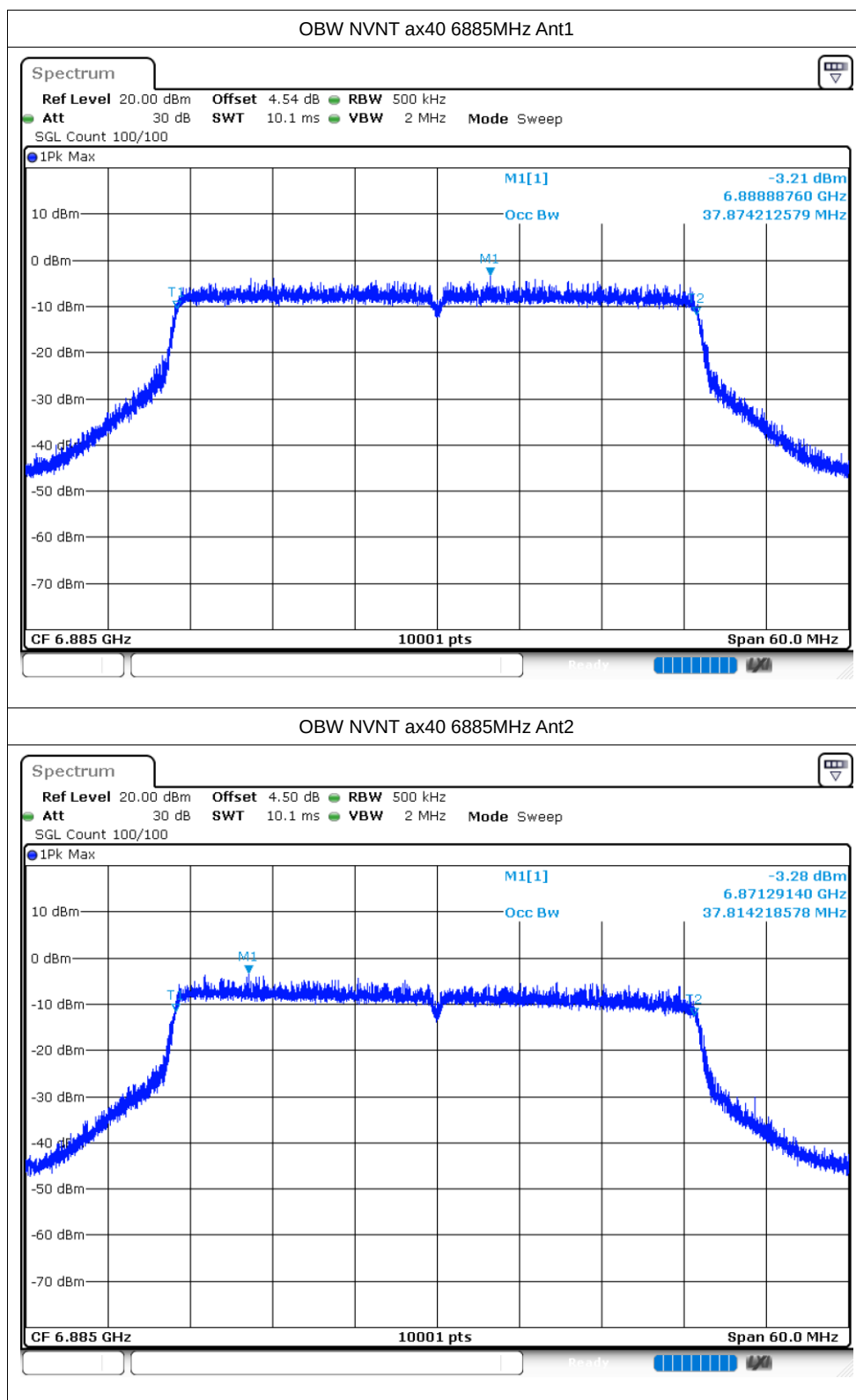
OBW NVNT ax160 6985MHz Ant2

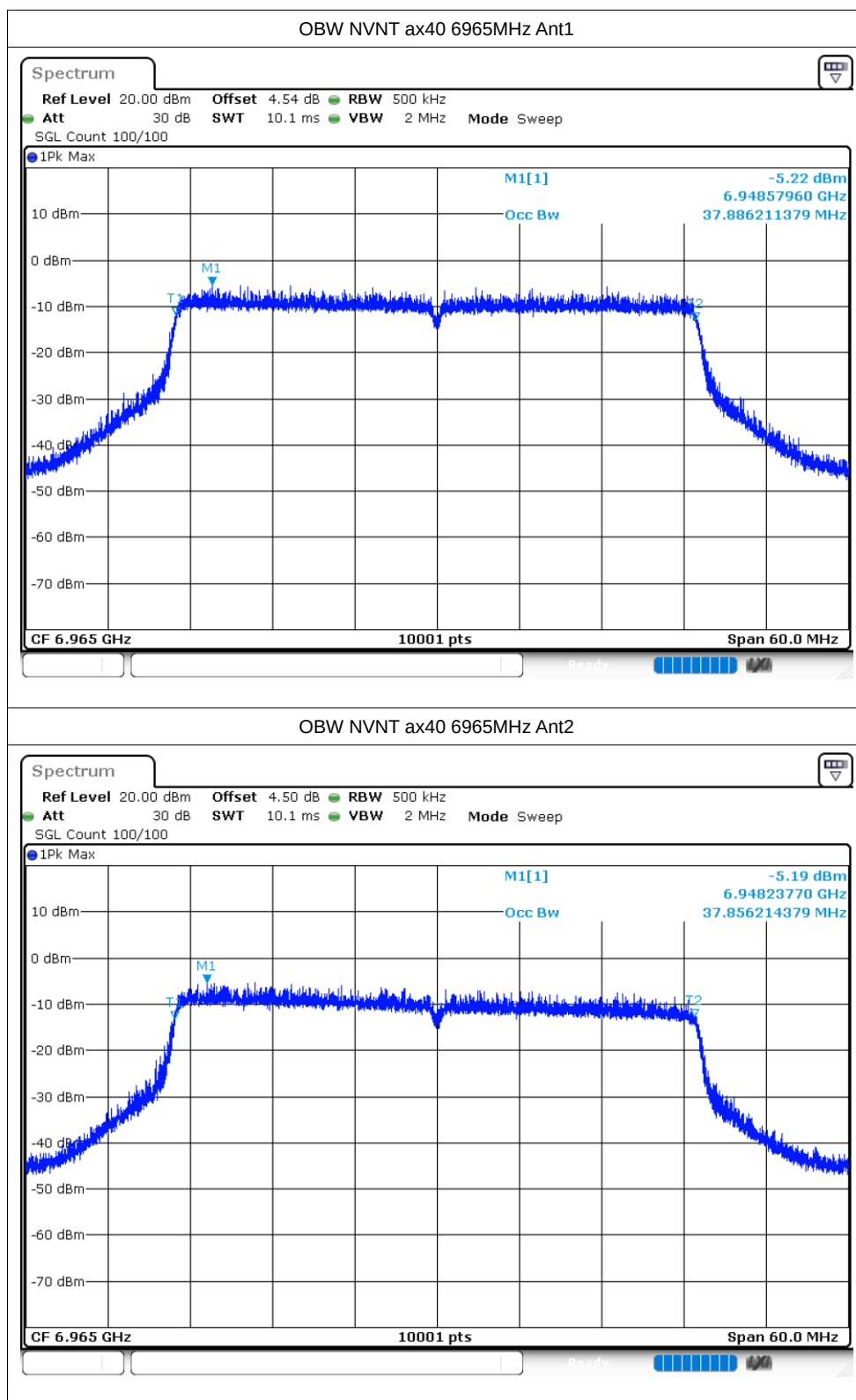


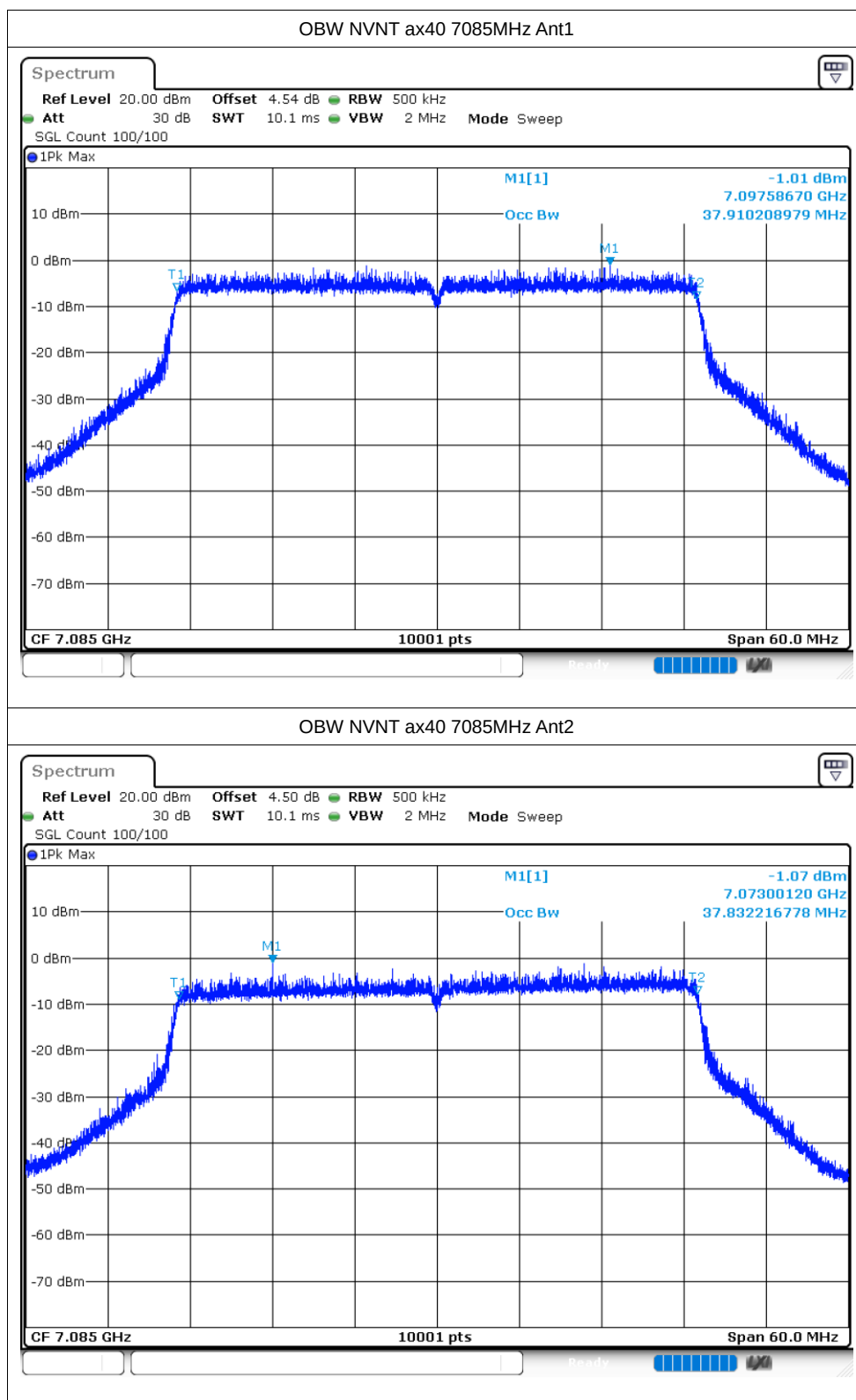


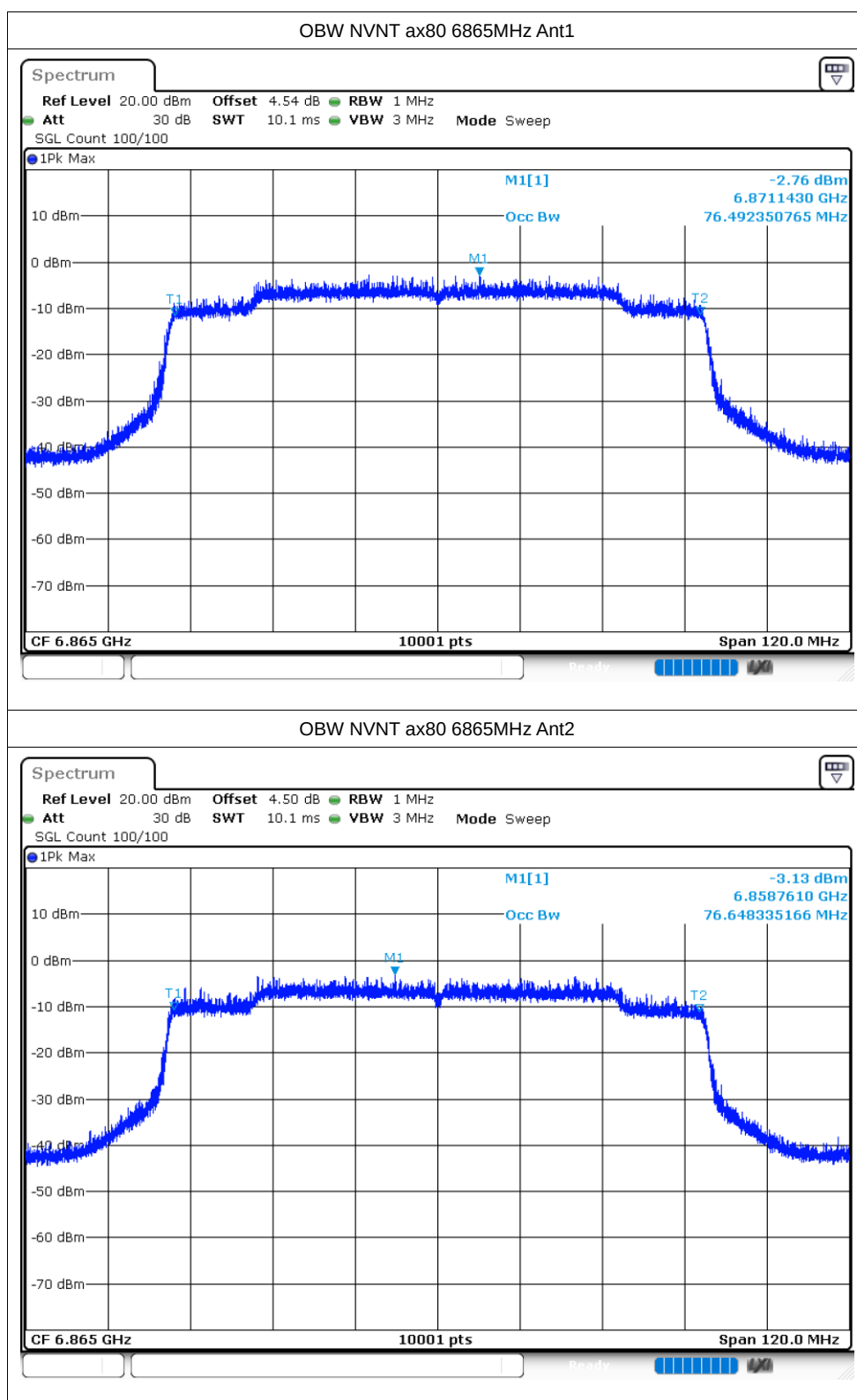


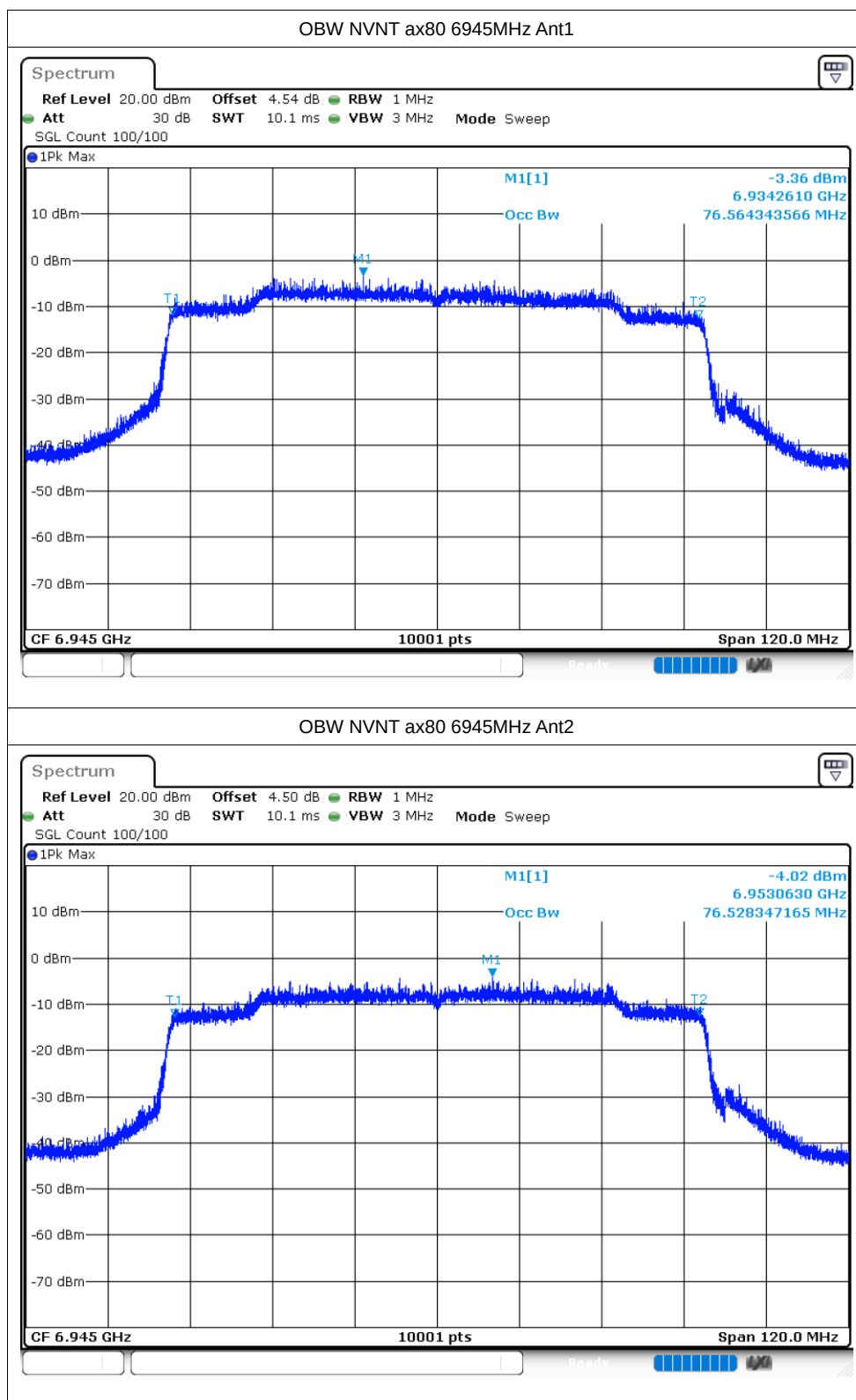


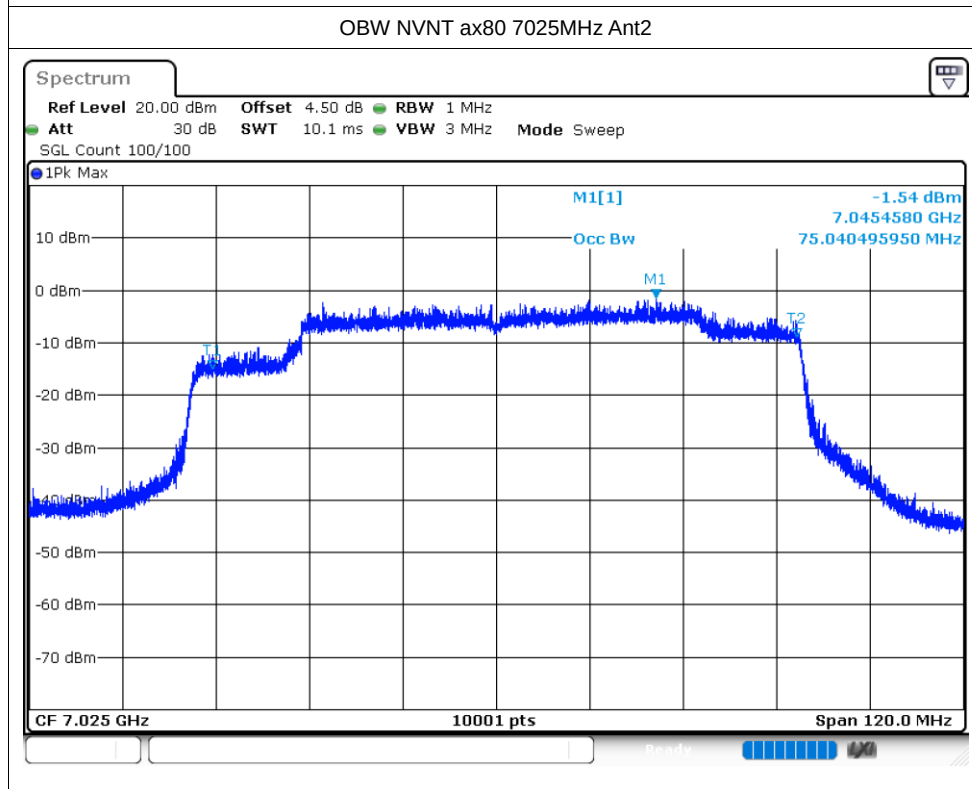
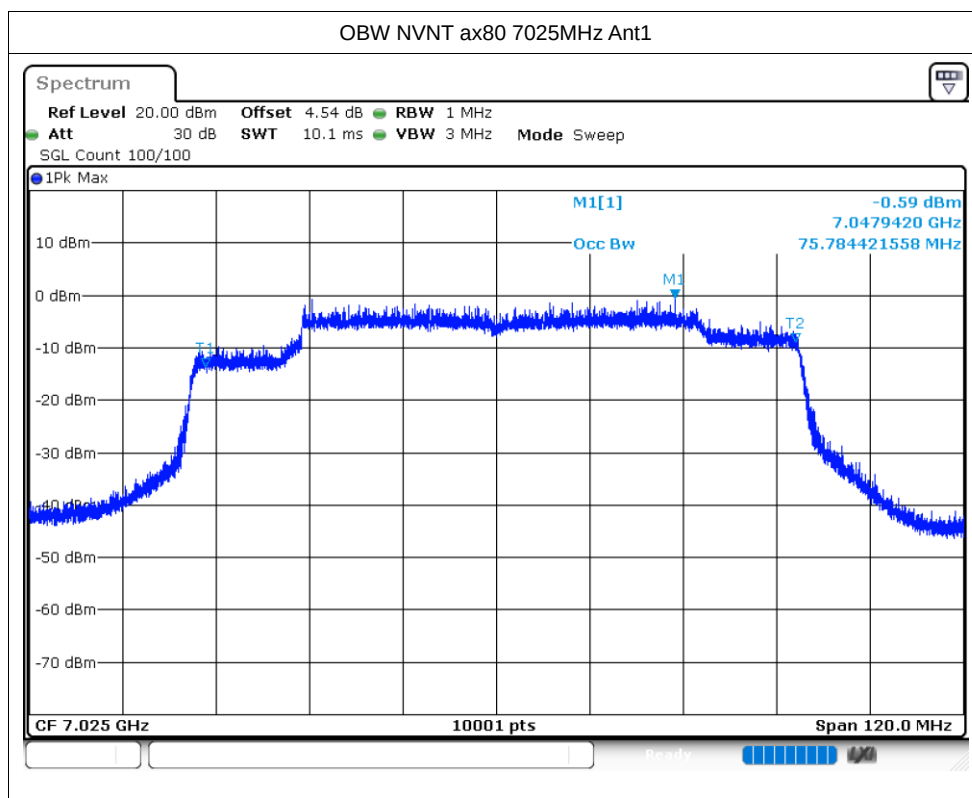










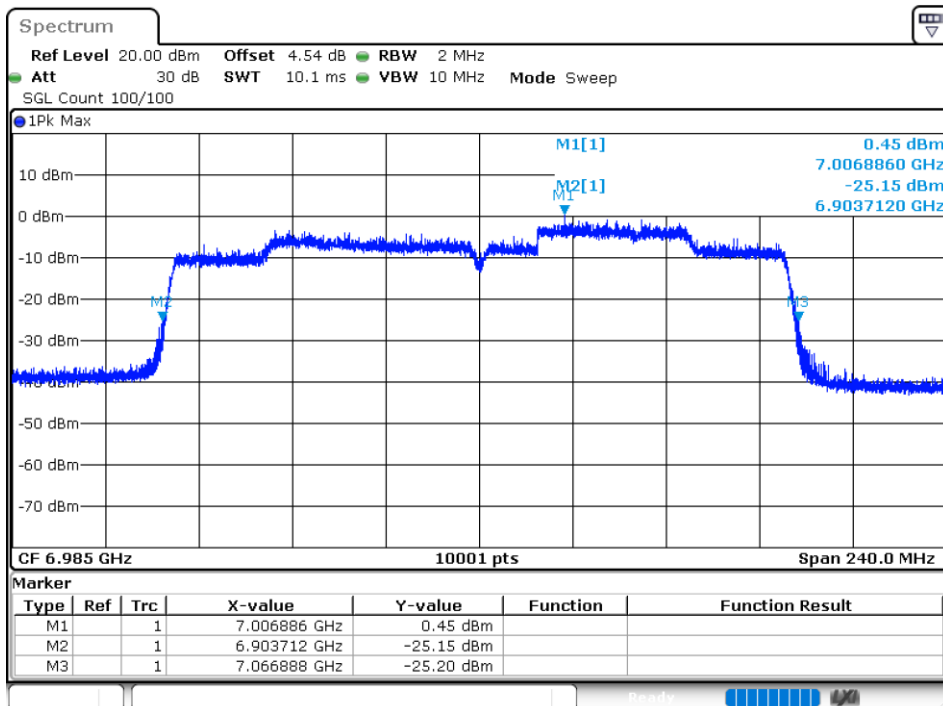


-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6985	Ant1	163.176	Pass
NVNT	ax160	6985	Ant2	162.96	Pass
NVNT	ax20	6875	Ant1	25.626	Pass
NVNT	ax20	6875	Ant2	24.45	Pass
NVNT	ax20	6995	Ant1	24.339	Pass
NVNT	ax20	6995	Ant2	23.247	Pass
NVNT	ax20	7115	Ant1	25.536	Pass
NVNT	ax20	7115	Ant2	24.867	Pass
NVNT	ax40	6885	Ant1	44.55	Pass
NVNT	ax40	6885	Ant2	45.09	Pass
NVNT	ax40	6965	Ant1	46.464	Pass
NVNT	ax40	6965	Ant2	44.148	Pass
NVNT	ax40	7085	Ant1	45.306	Pass
NVNT	ax40	7085	Ant2	44.724	Pass
NVNT	ax80	6865	Ant1	83.016	Pass
NVNT	ax80	6865	Ant2	82.824	Pass
NVNT	ax80	6945	Ant1	84.768	Pass
NVNT	ax80	6945	Ant2	86.064	Pass
NVNT	ax80	7025	Ant1	82.416	Pass
NVNT	ax80	7025	Ant2	82.464	Pass

Test Graphs

-26dB Bandwidth NVNT ax160 6985MHz Ant1



-26dB Bandwidth NVNT ax160 6985MHz Ant2

