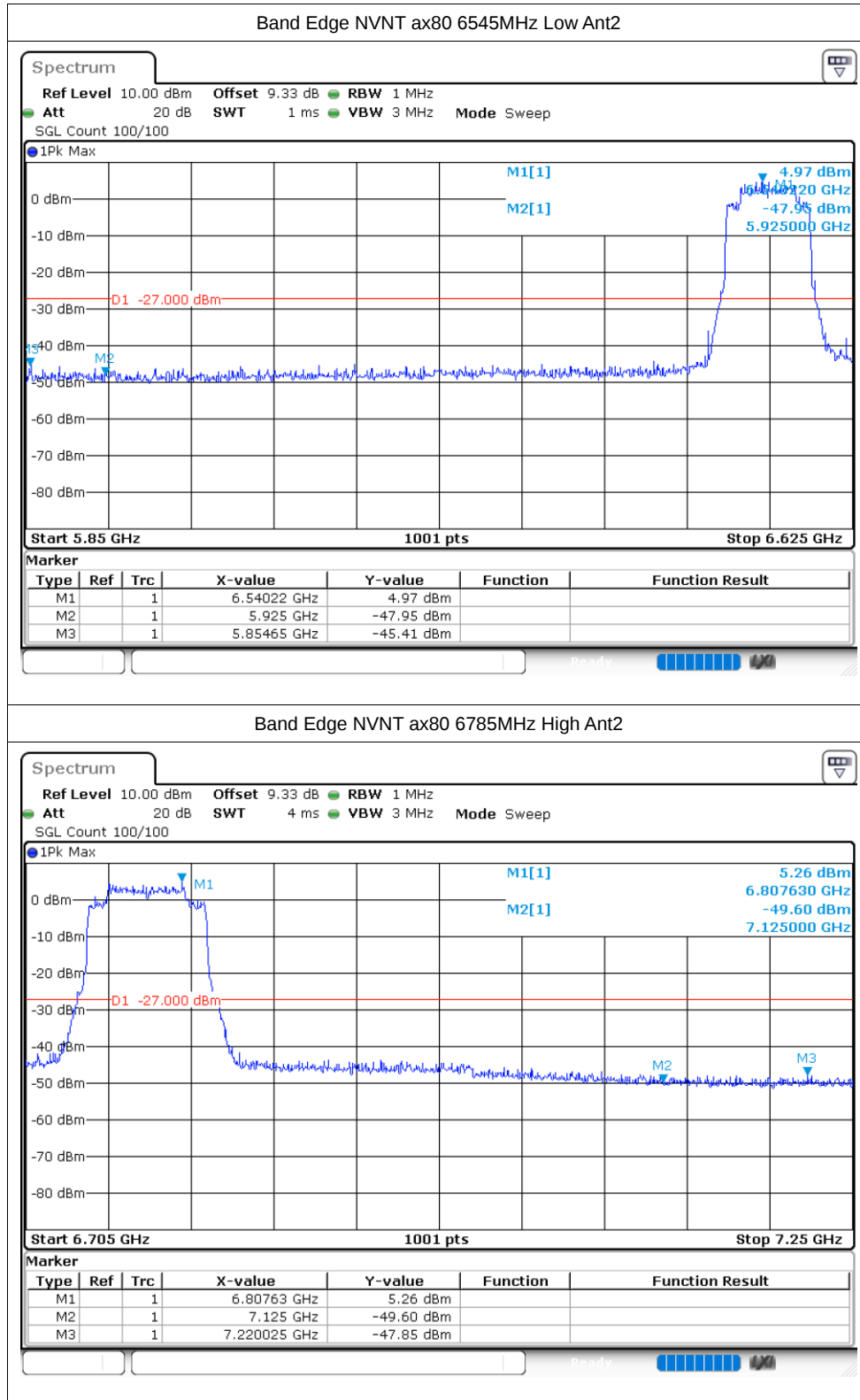


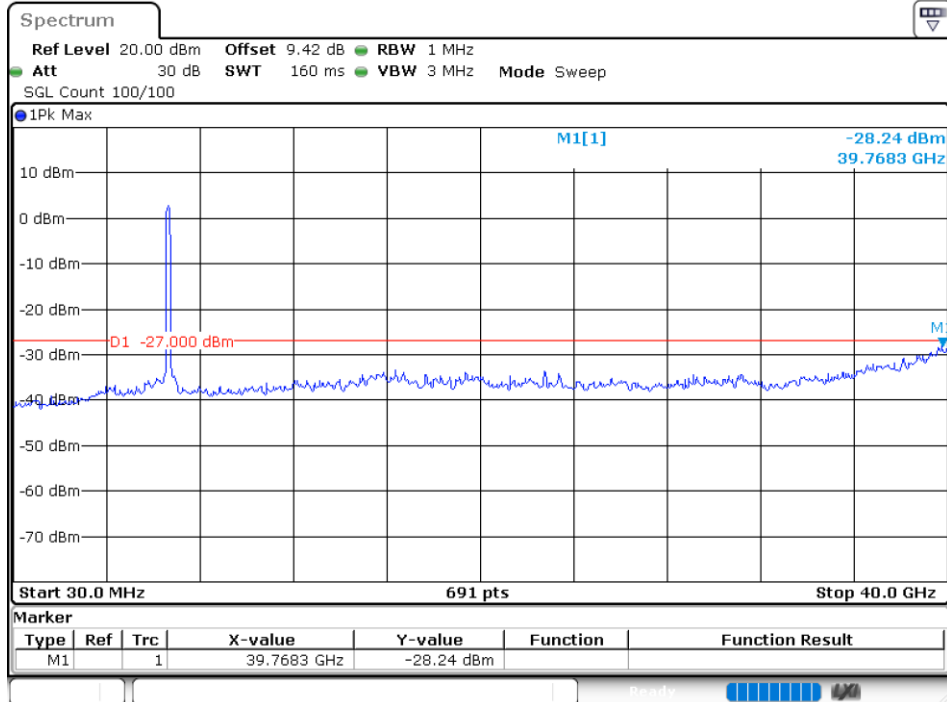


Conducted RF Spurious Emission

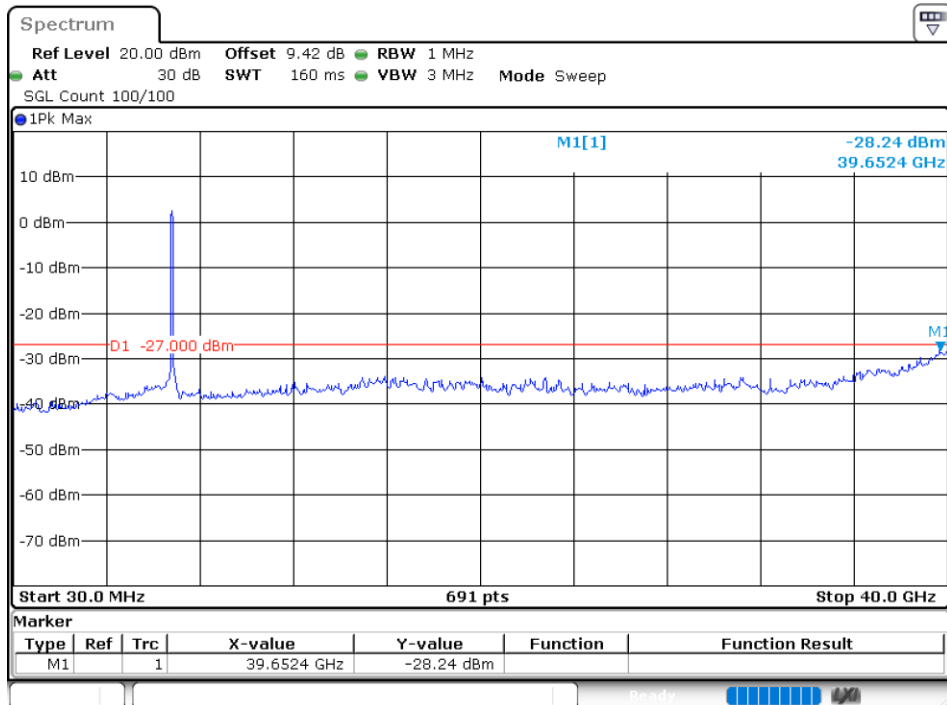
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-28.24	-27	Pass
NVNT	ax160	6825	Ant1	-28.23	-27	Pass
NVNT	ax160	6665	Ant2	-28.57	-27	Pass
NVNT	ax160	6825	Ant2	-27.92	-27	Pass
NVNT	ax20	6535	Ant1	-28.45	-27	Pass
NVNT	ax20	6695	Ant1	-28.23	-27	Pass
NVNT	ax20	6855	Ant1	-27.78	-27	Pass
NVNT	ax20	6535	Ant2	-28.45	-27	Pass
NVNT	ax20	6695	Ant2	-27.64	-27	Pass
NVNT	ax20	6855	Ant2	-27.34	-27	Pass
NVNT	ax40	6565	Ant1	-28.43	-27	Pass
NVNT	ax40	6685	Ant1	-27.78	-27	Pass
NVNT	ax40	6845	Ant1	-27.84	-27	Pass
NVNT	ax40	6565	Ant2	-28.34	-27	Pass
NVNT	ax40	6685	Ant2	-38.11	-27	Pass
NVNT	ax40	6845	Ant2	-28.34	-27	Pass
NVNT	ax80	6545	Ant1	-28.73	-27	Pass
NVNT	ax80	6625	Ant1	-28.28	-27	Pass
NVNT	ax80	6785	Ant1	-27.55	-27	Pass
NVNT	ax80	6545	Ant2	-27.87	-27	Pass
NVNT	ax80	6625	Ant2	-27.55	-27	Pass
NVNT	ax80	6785	Ant2	-28.22	-27	Pass

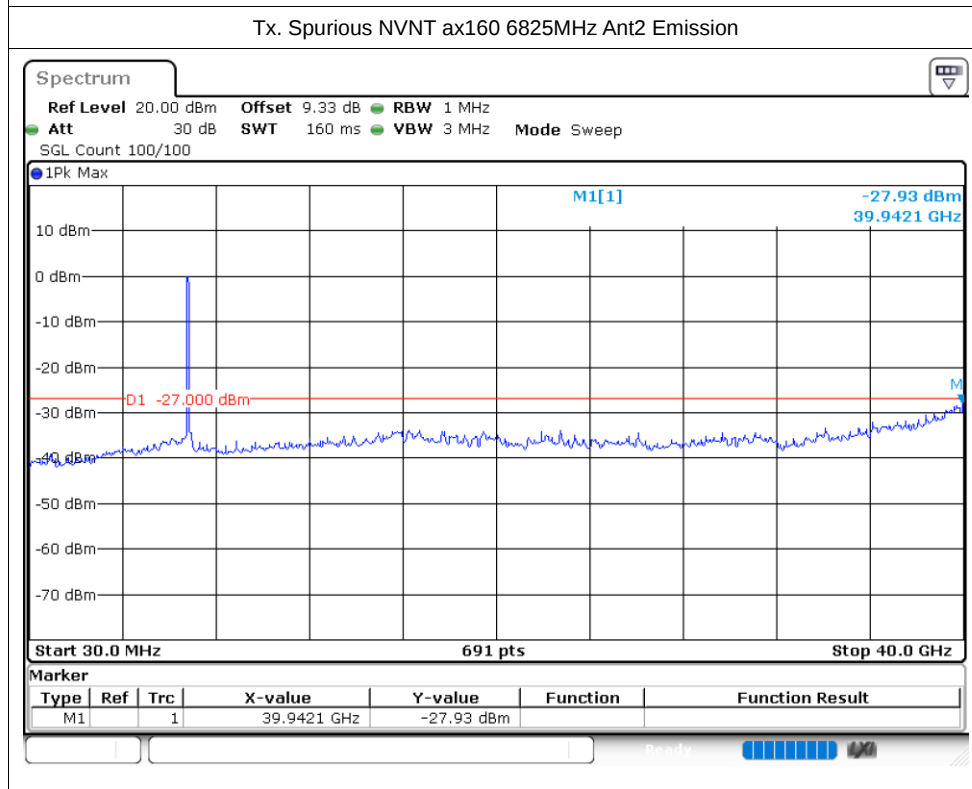
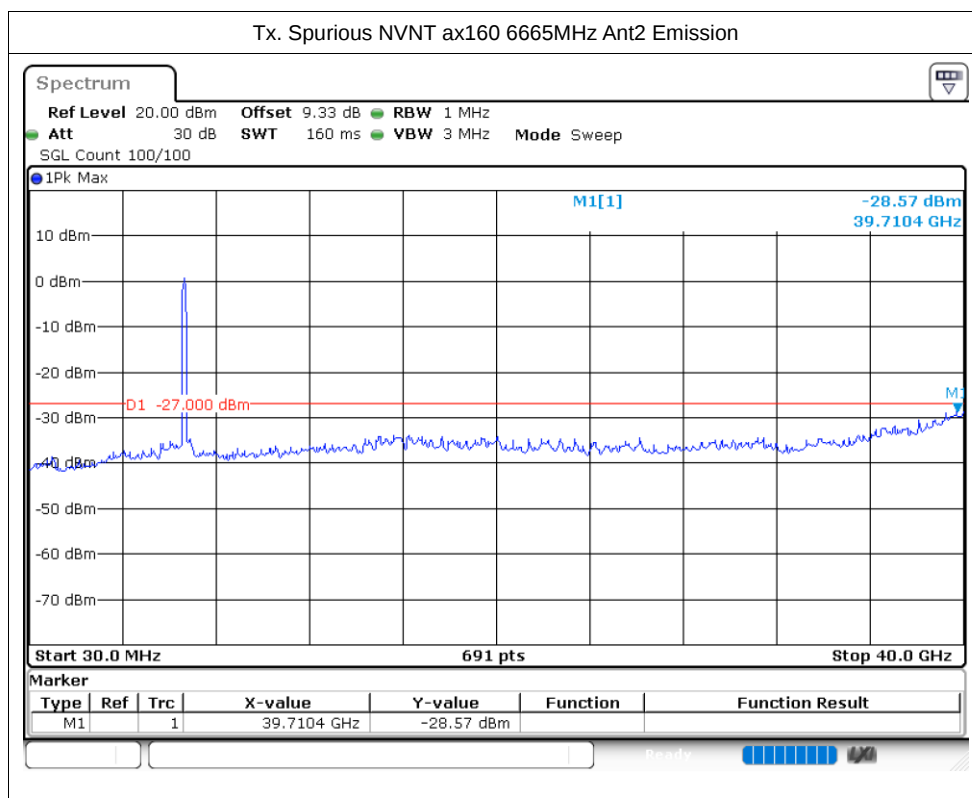
Test Graphs

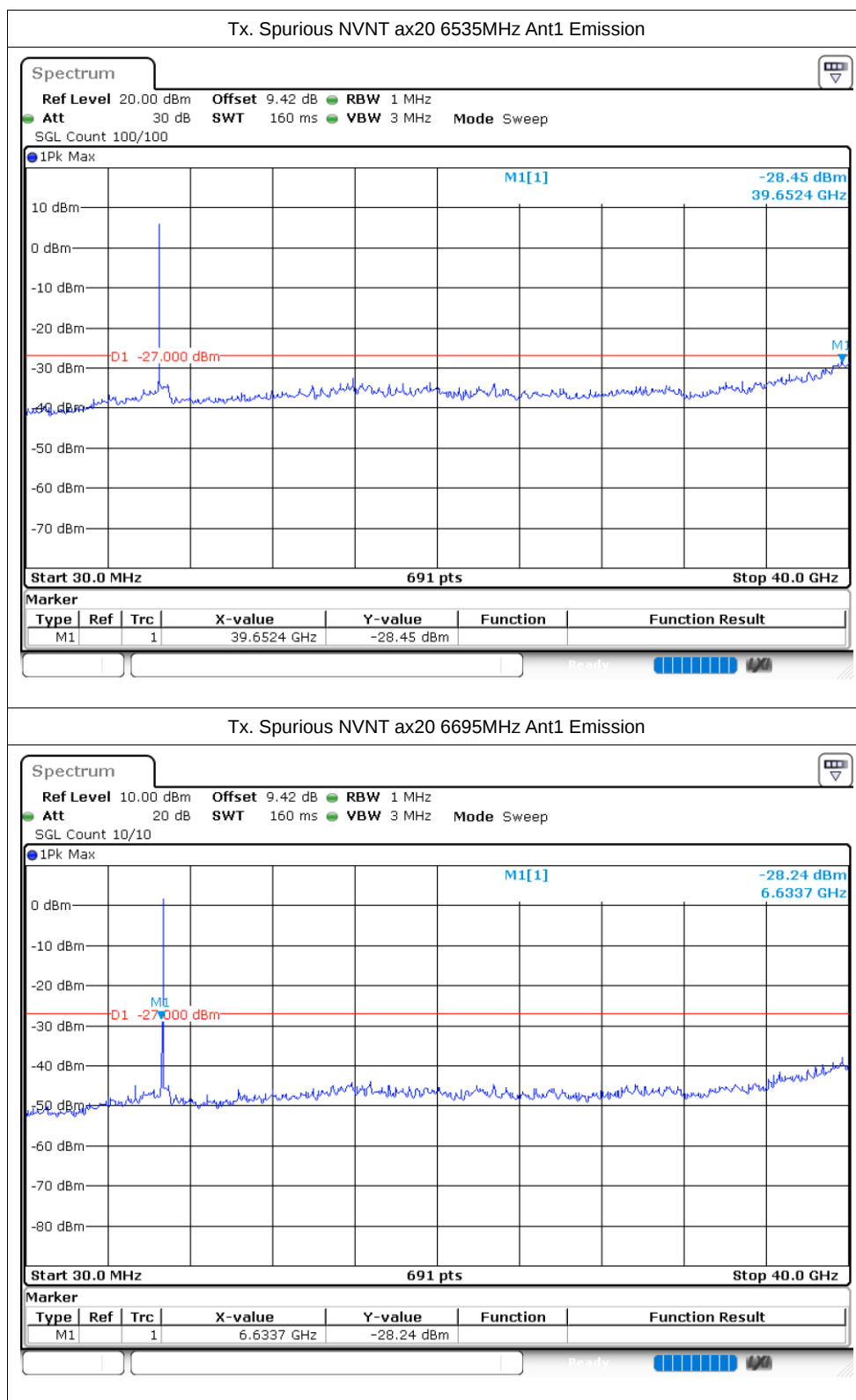
Tx. Spurious NVNT ax160 6665MHz Ant1 Emission

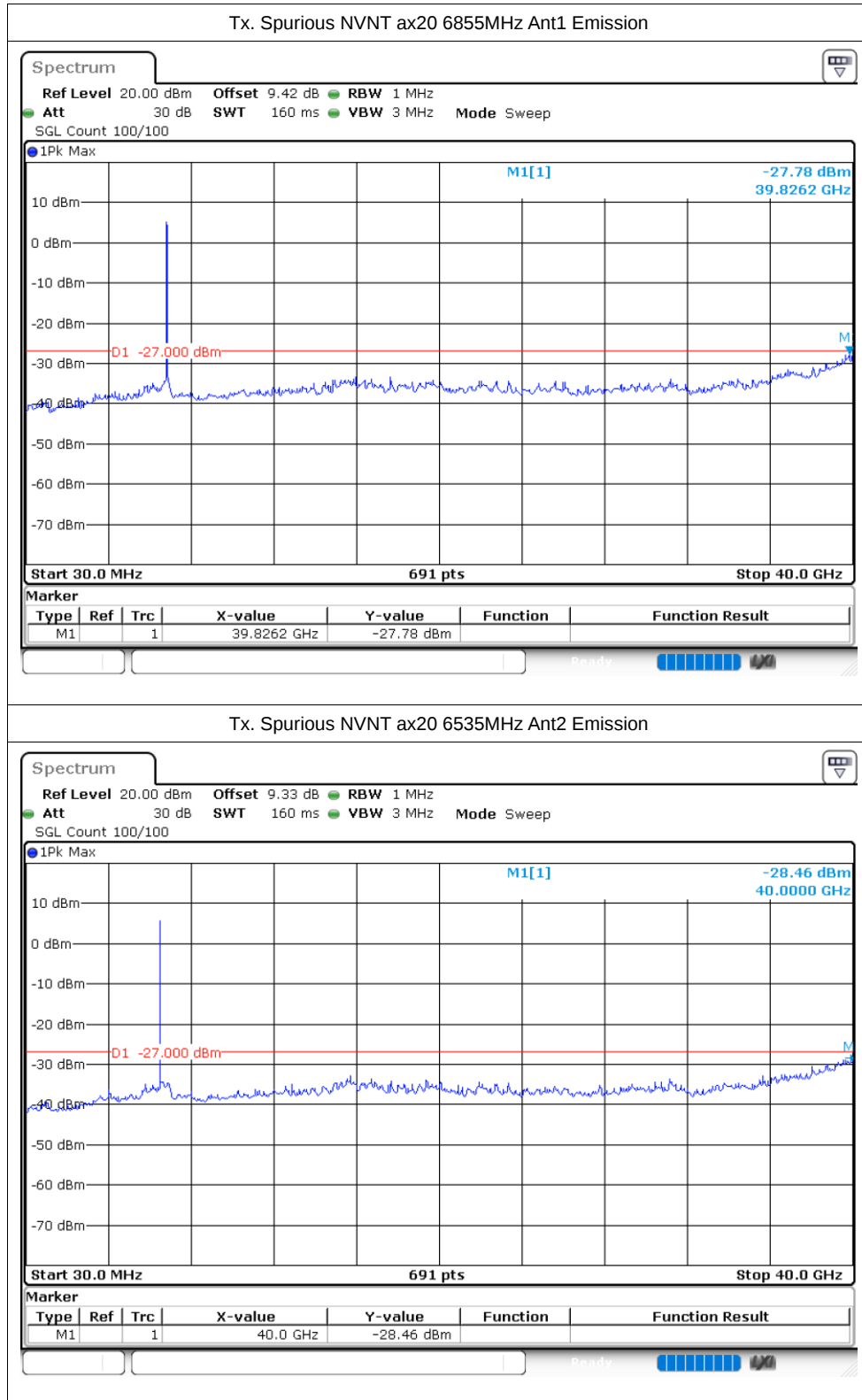


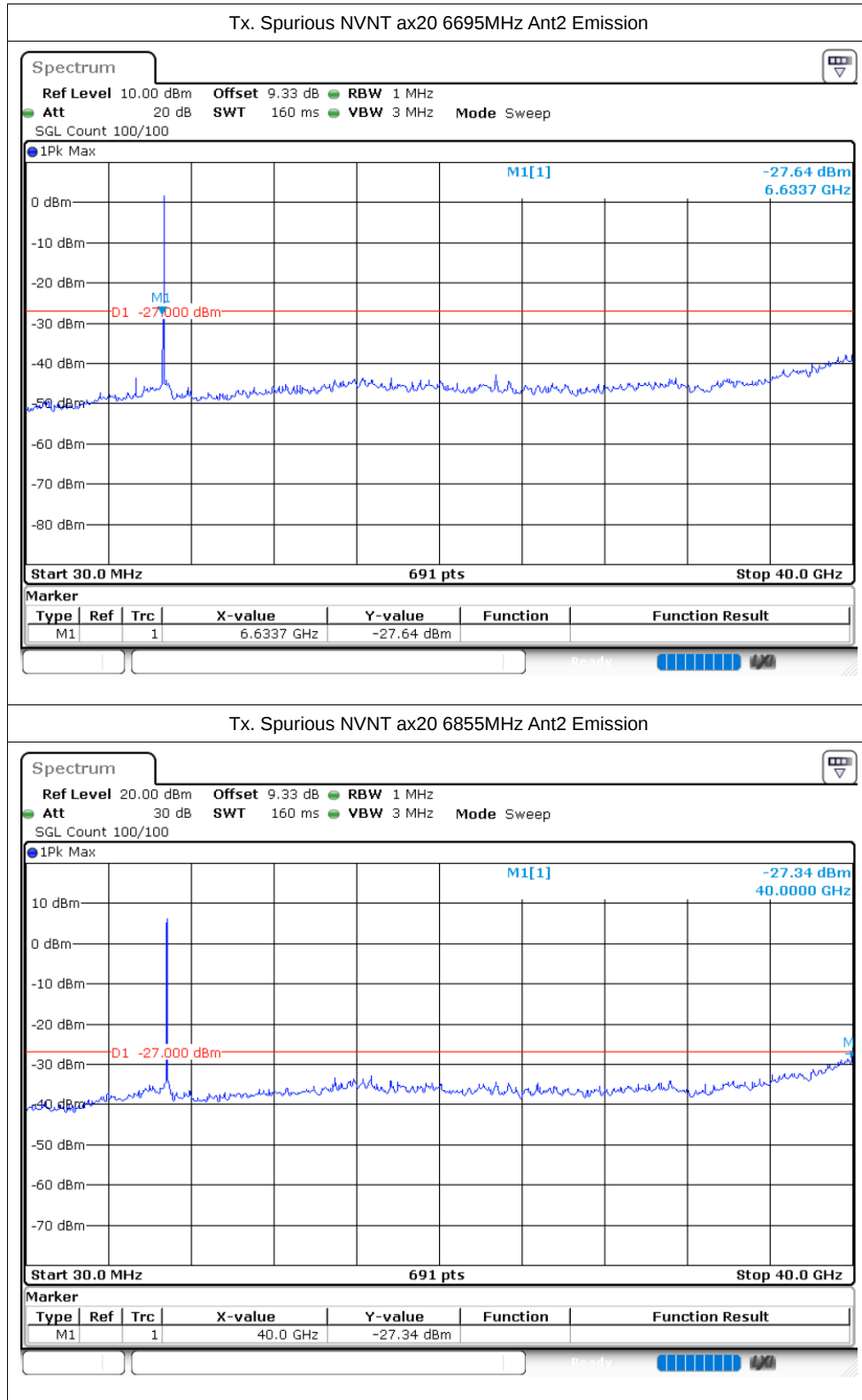
Tx. Spurious NVNT ax160 6825MHz Ant1 Emission

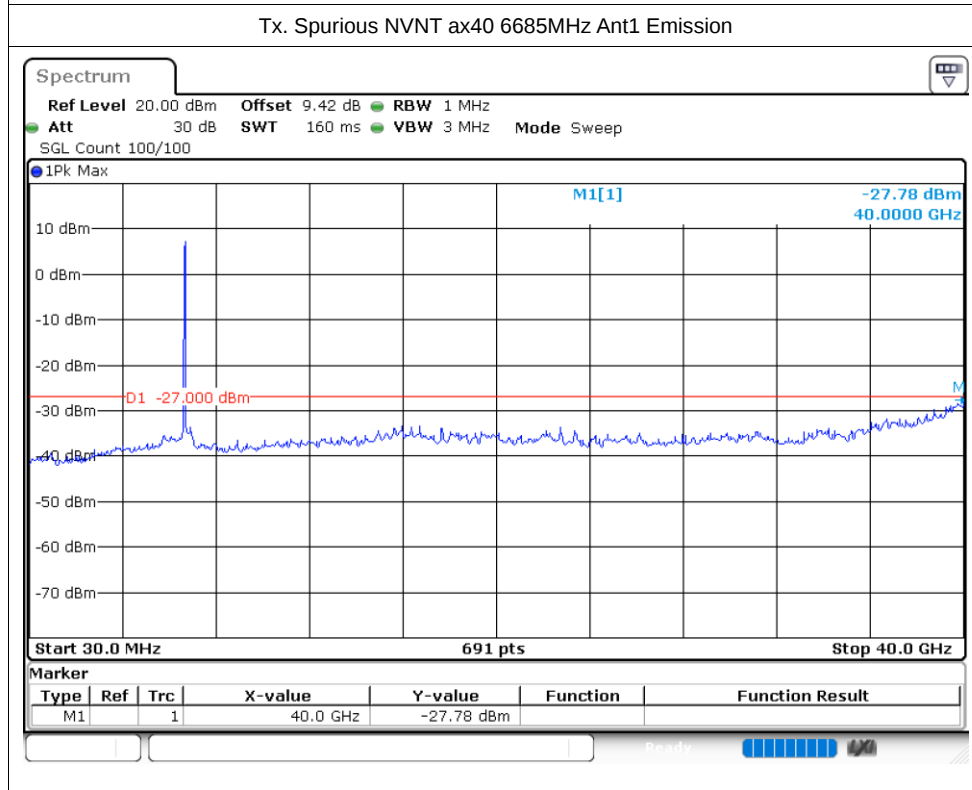
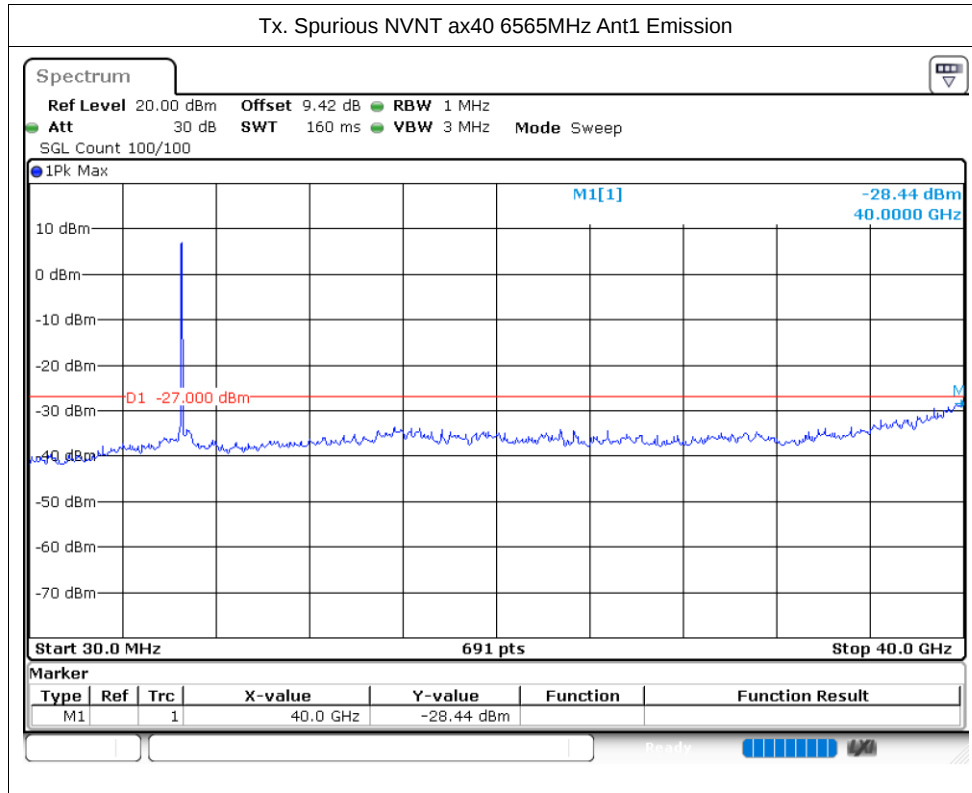


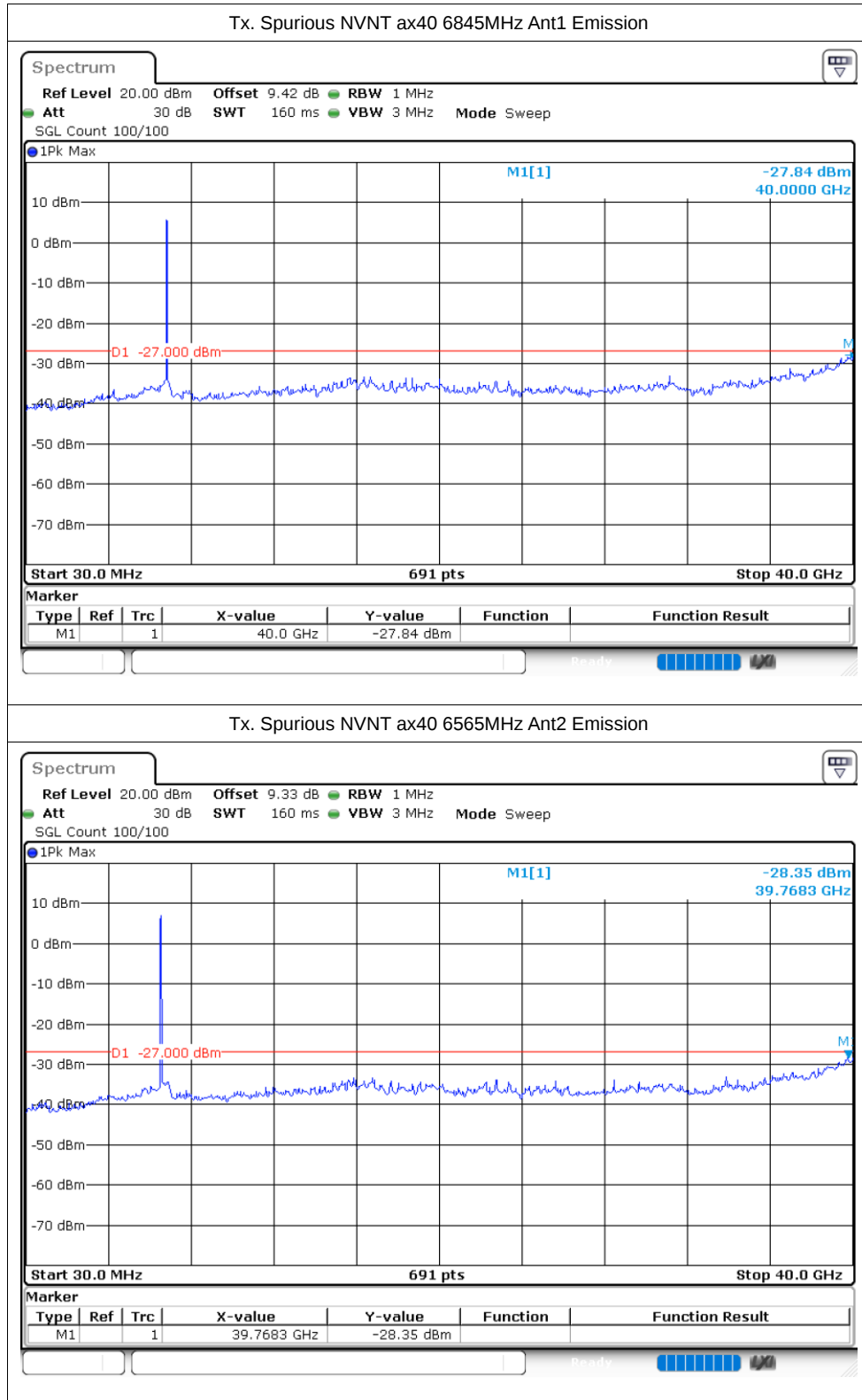


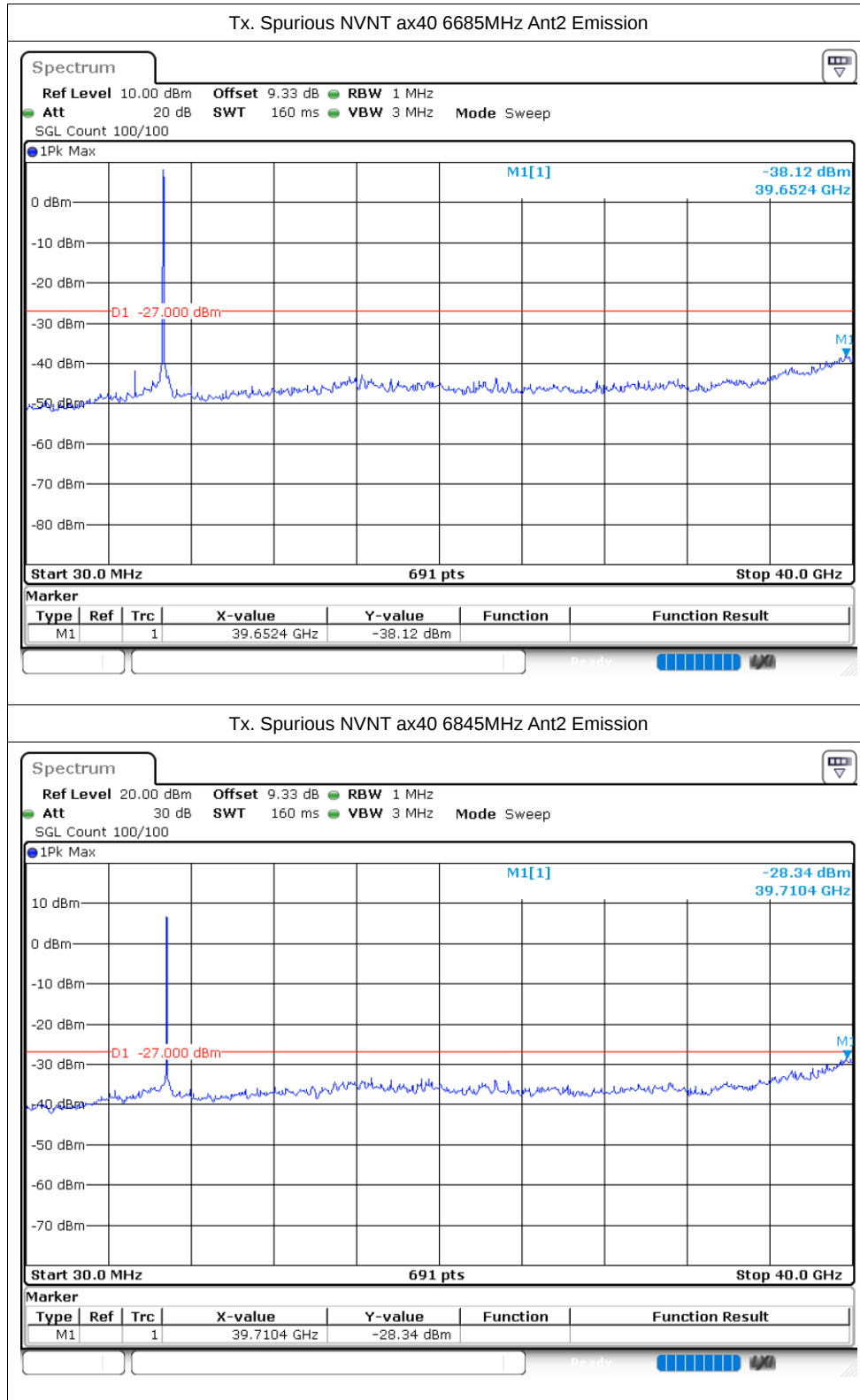


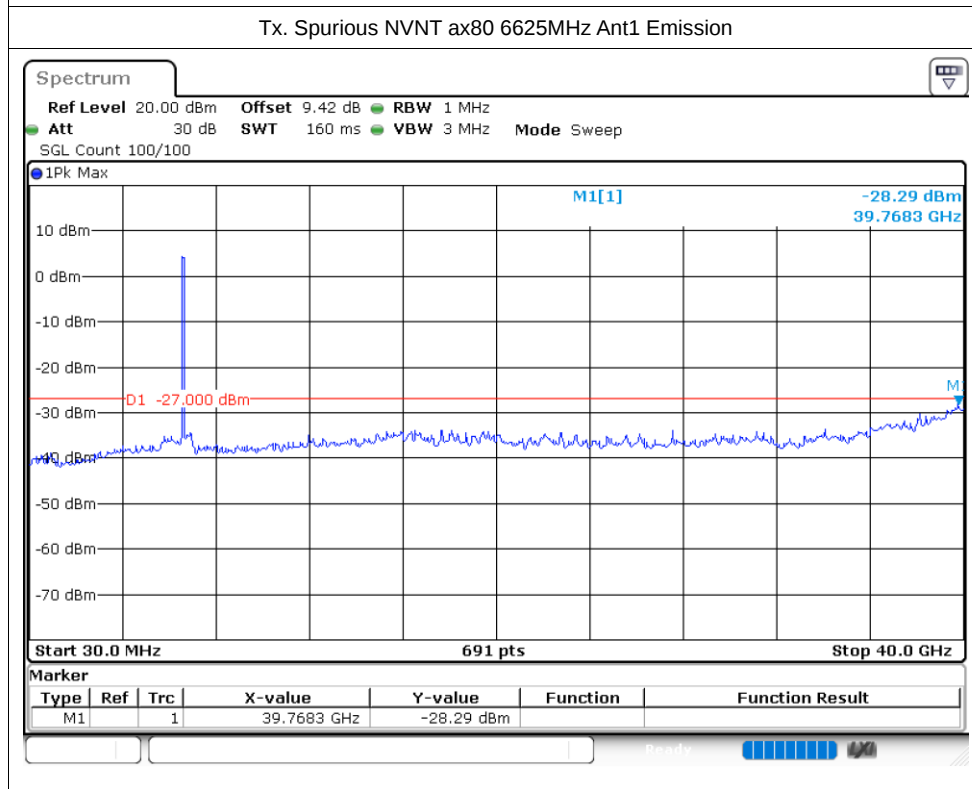
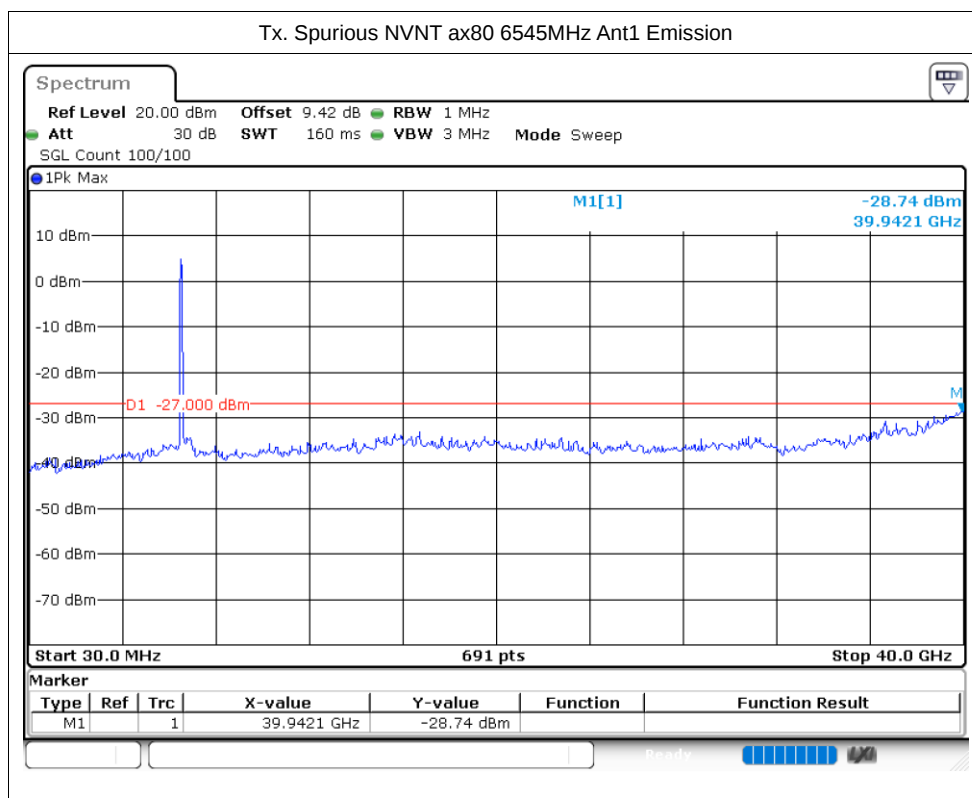


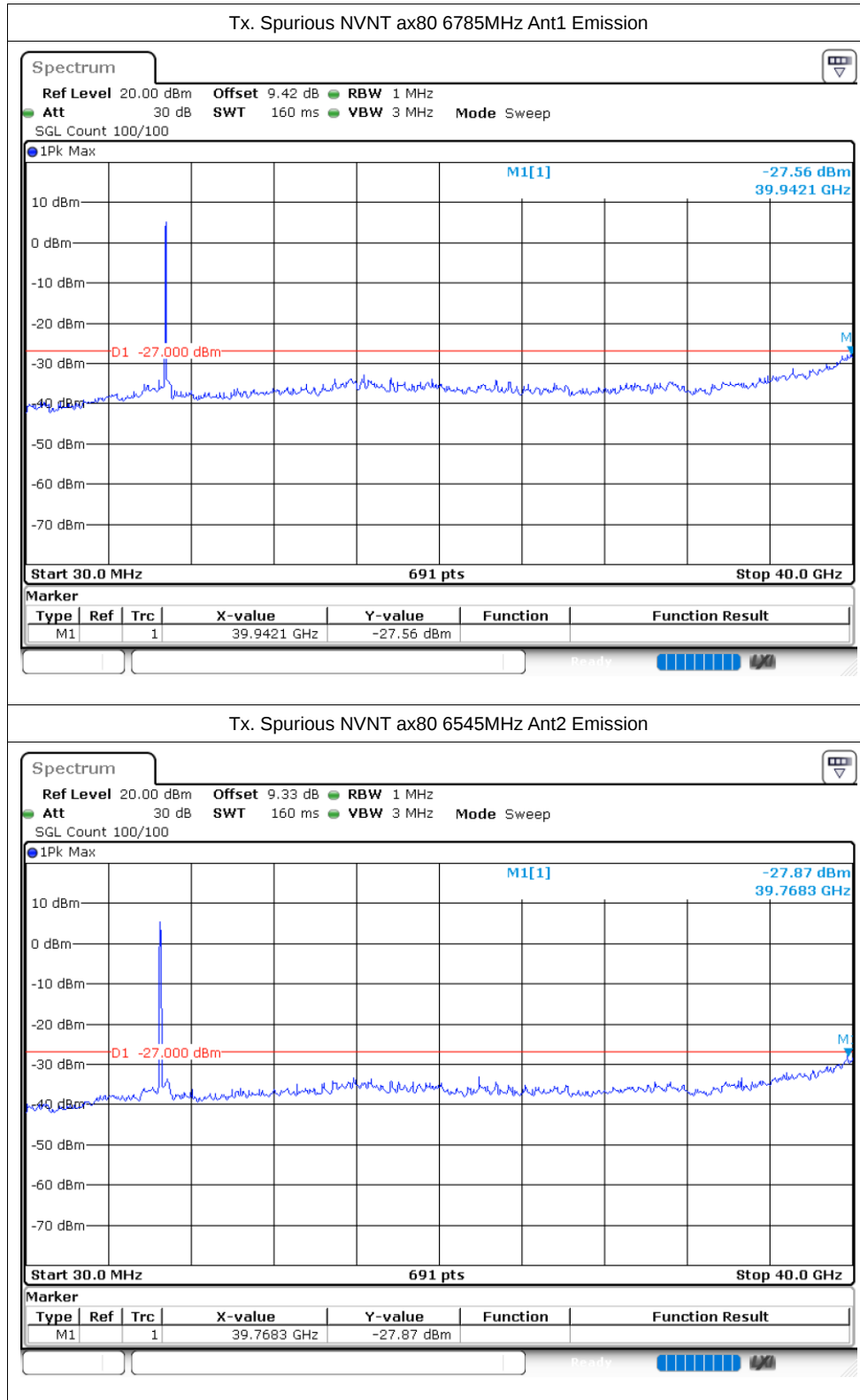


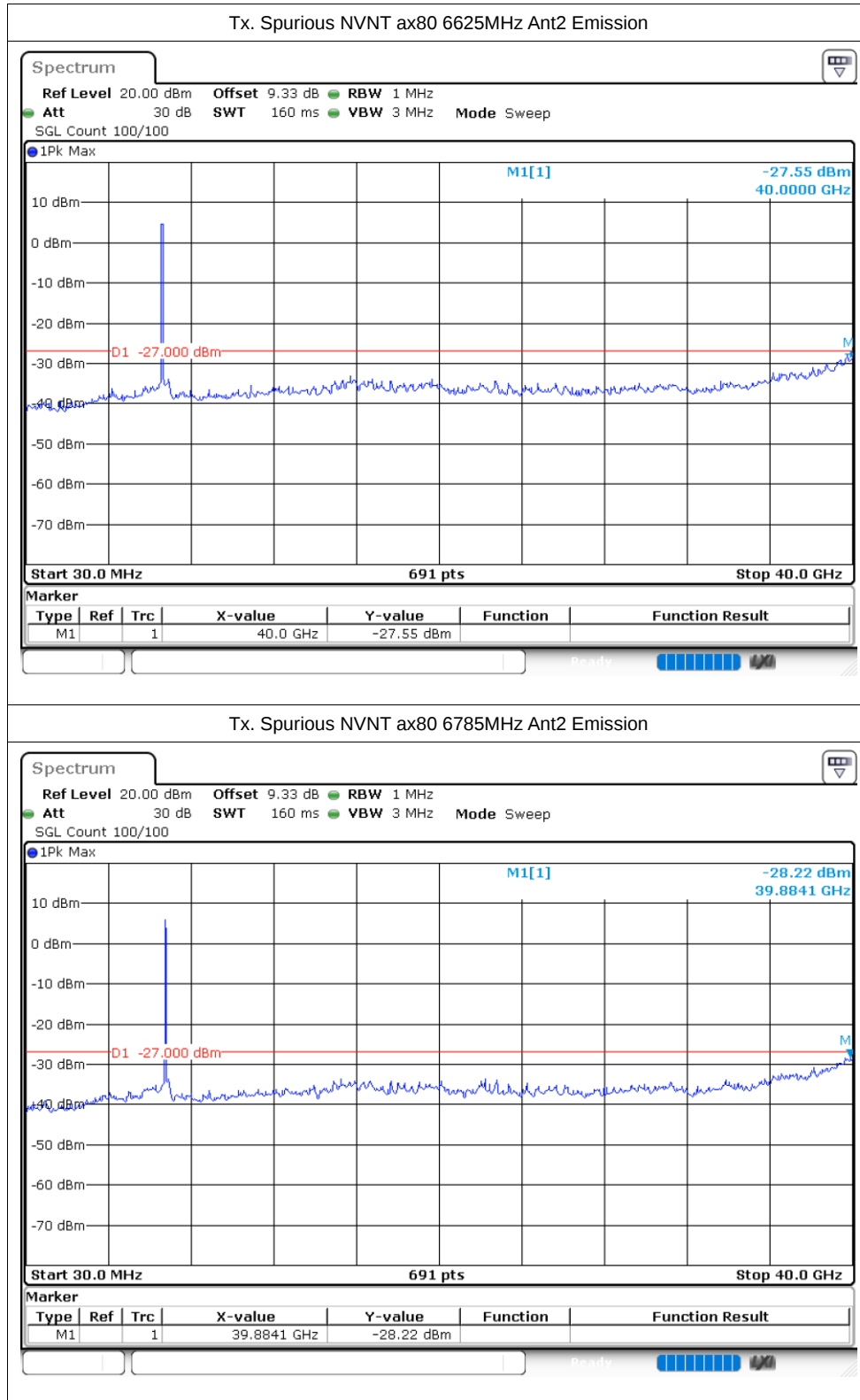










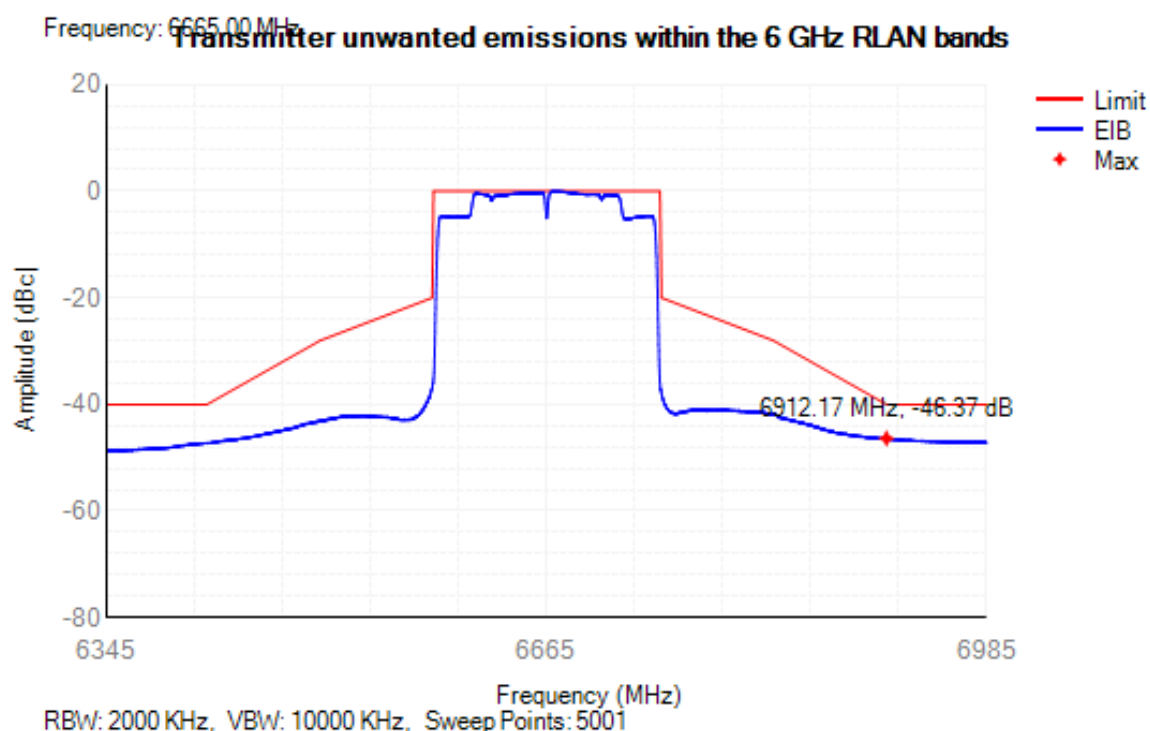


Power spectral mask

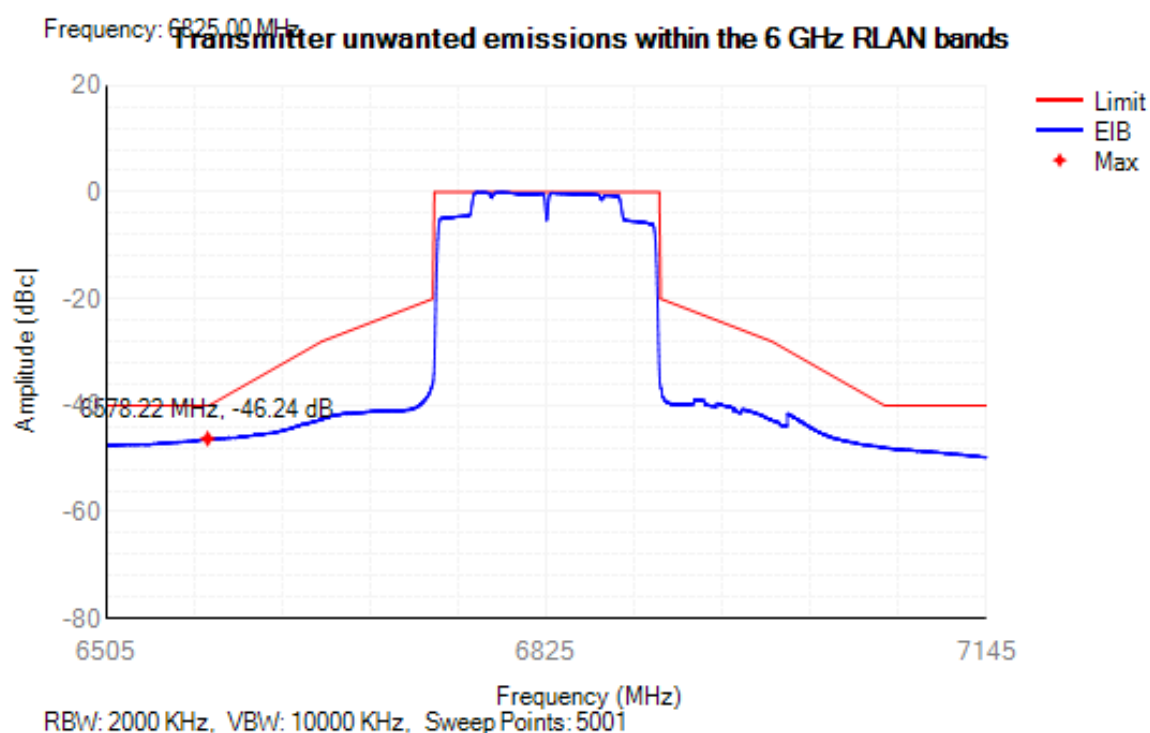
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6665	Ant1	Band1	6912.17	-46.37	-39.99	Pass
NVNT	ax160	6825	Ant1	Band1	6578.22	-46.24	-40	Pass
NVNT	ax160	6665	Ant2	Band1	6980.65	-44.8	-40	Pass
NVNT	ax160	6825	Ant2	Band1	6576.94	-45.74	-40	Pass
NVNT	ax20	6535	Ant1	Band1	6496.92	-40.77	-40	Pass
NVNT	ax20	6695	Ant1	Band1	6734.36	-40.63	-40	Pass
NVNT	ax20	6855	Ant1	Band1	6815.03	-43.86	-40	Pass
NVNT	ax20	6535	Ant2	Band1	6571.38	-41.72	-39.91	Pass
NVNT	ax20	6695	Ant2	Band1	6732.18	-41.27	-40	Pass
NVNT	ax20	6855	Ant2	Band1	6894.15	-41.25	-40	Pass
NVNT	ax40	6565	Ant1	Band1	6495.85	-41.62	-40	Pass
NVNT	ax40	6685	Ant1	Band1	6756.62	-41.16	-40	Pass
NVNT	ax40	6845	Ant1	Band1	6913.7	-40.38	-40	Pass
NVNT	ax40	6565	Ant2	Band1	6644.49	-42.42	-40	Pass
NVNT	ax40	6685	Ant2	Band1	6757.54	-41.97	-40	Pass
NVNT	ax40	6845	Ant2	Band1	6913.83	-41.72	-40	Pass
NVNT	ax80	6545	Ant1	Band1	6699.56	-40.33	-40	Pass
NVNT	ax80	6625	Ant1	Band1	6668.14	-27.73	-20	Pass
NVNT	ax80	6785	Ant1	Band1	6827.37	-27.34	-20	Pass
NVNT	ax80	6545	Ant2	Band1	6691.11	-40.76	-40	Pass
NVNT	ax80	6625	Ant2	Band1	6749.48	-46.61	-39.98	Pass
NVNT	ax80	6785	Ant2	Band1	6742.06	-27.72	-20.01	Pass

Test Graphs

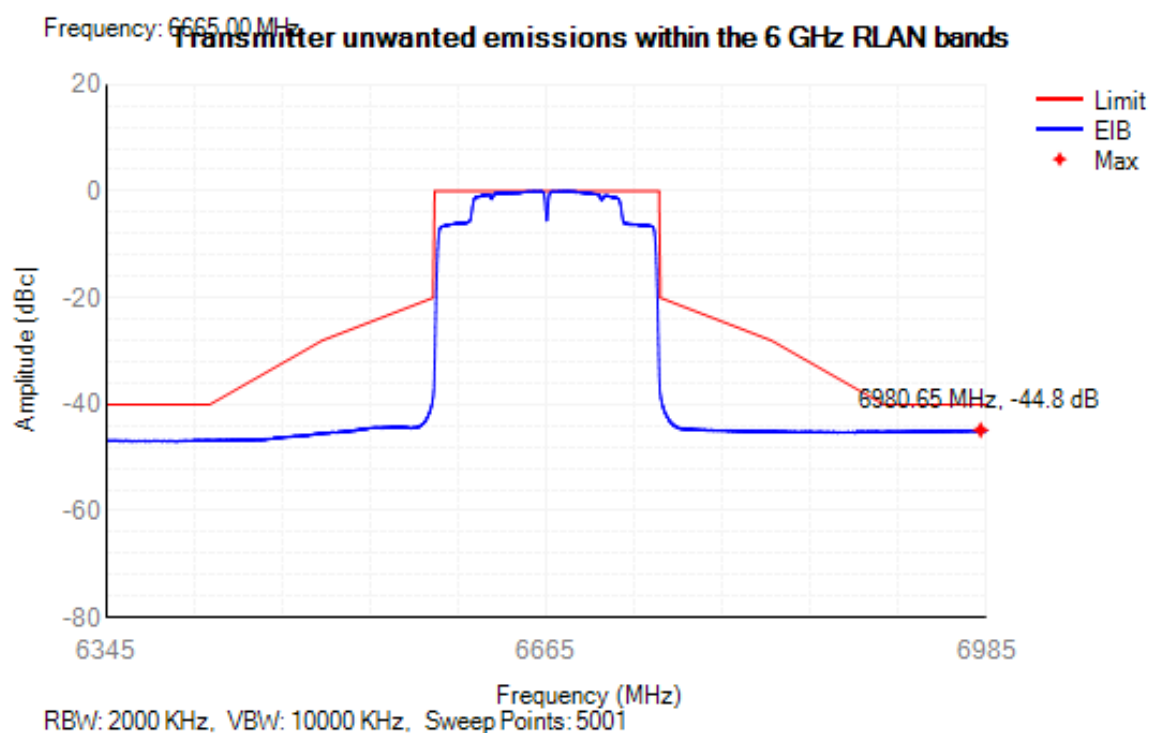
Power spectral mask NVNT ax160 6665MHz



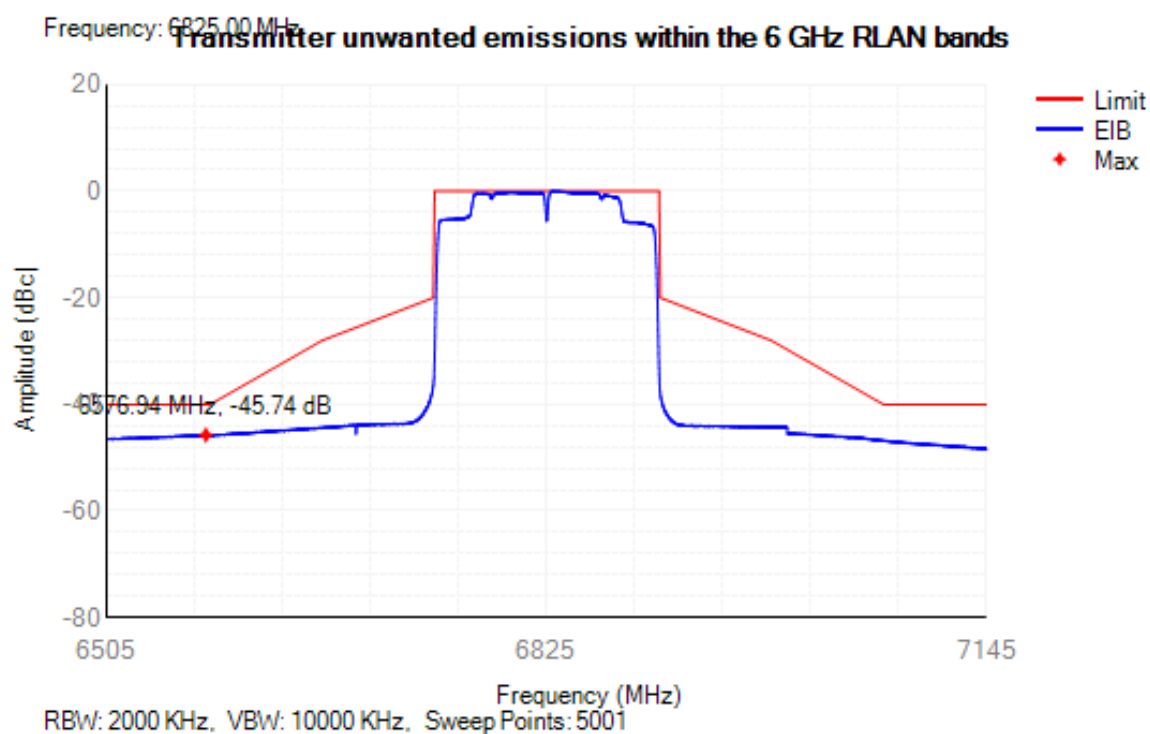
Power spectral mask NVNT ax160 6825MHz



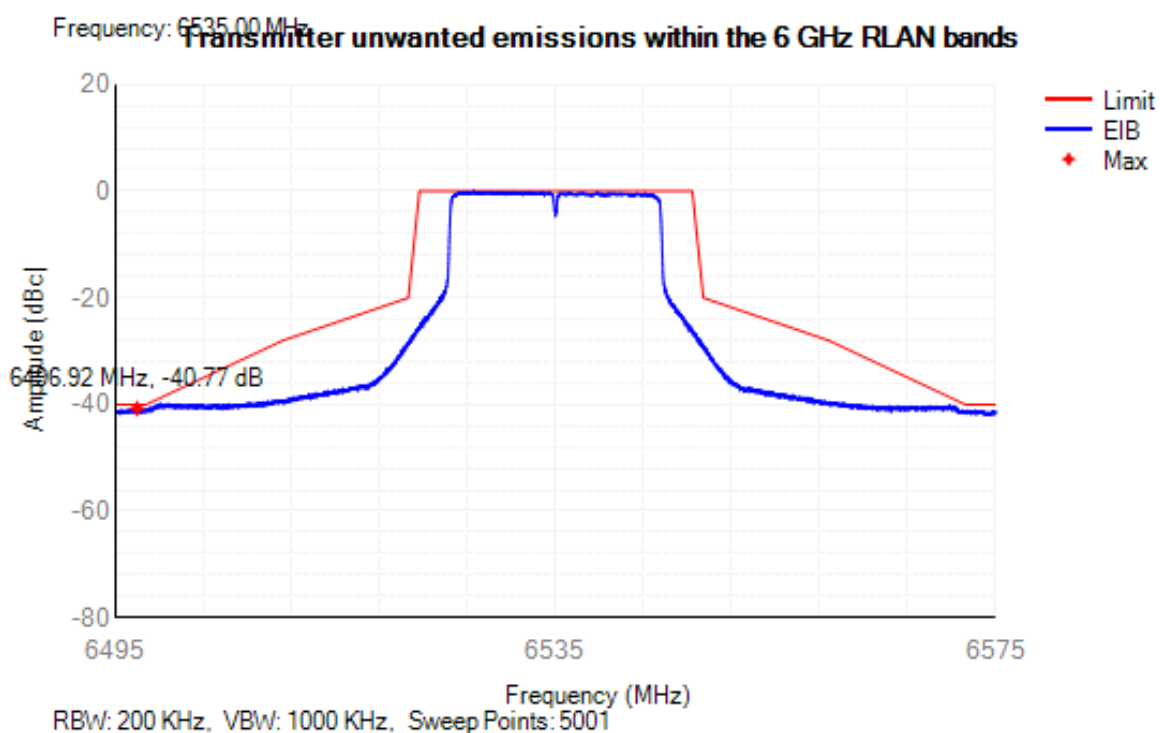
Power spectral mask NVNT ax160 6665MHz



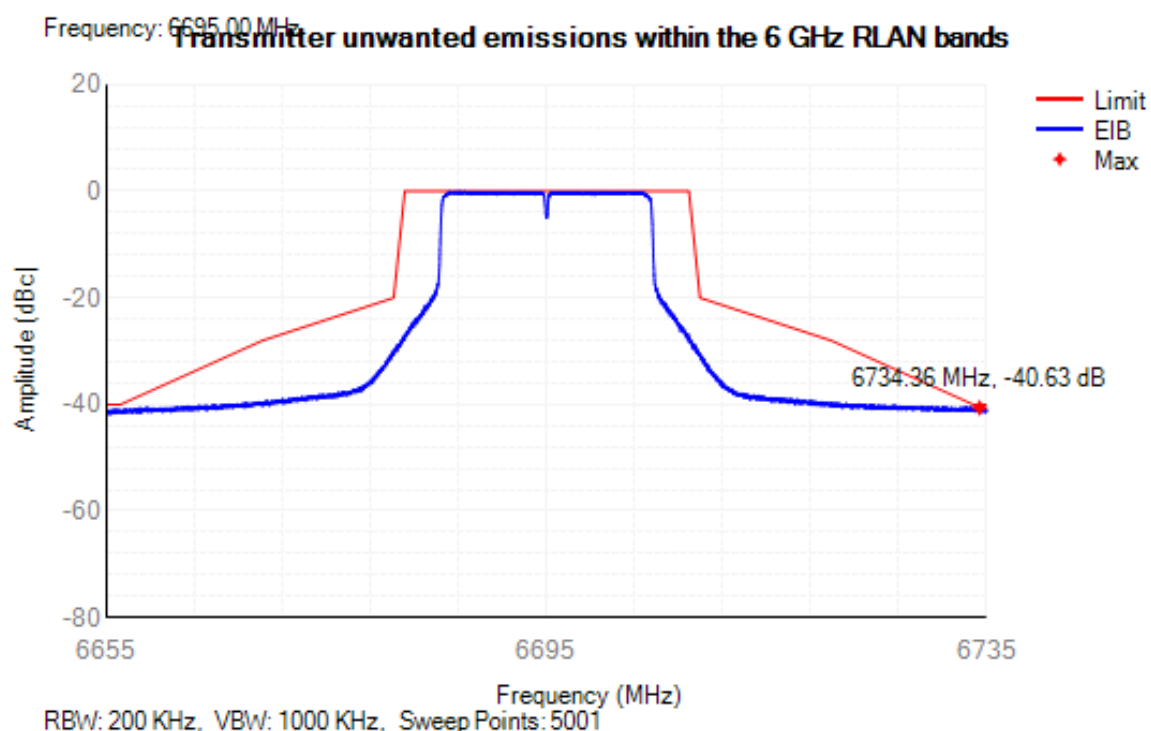
Power spectral mask NVNT ax160 6825MHz



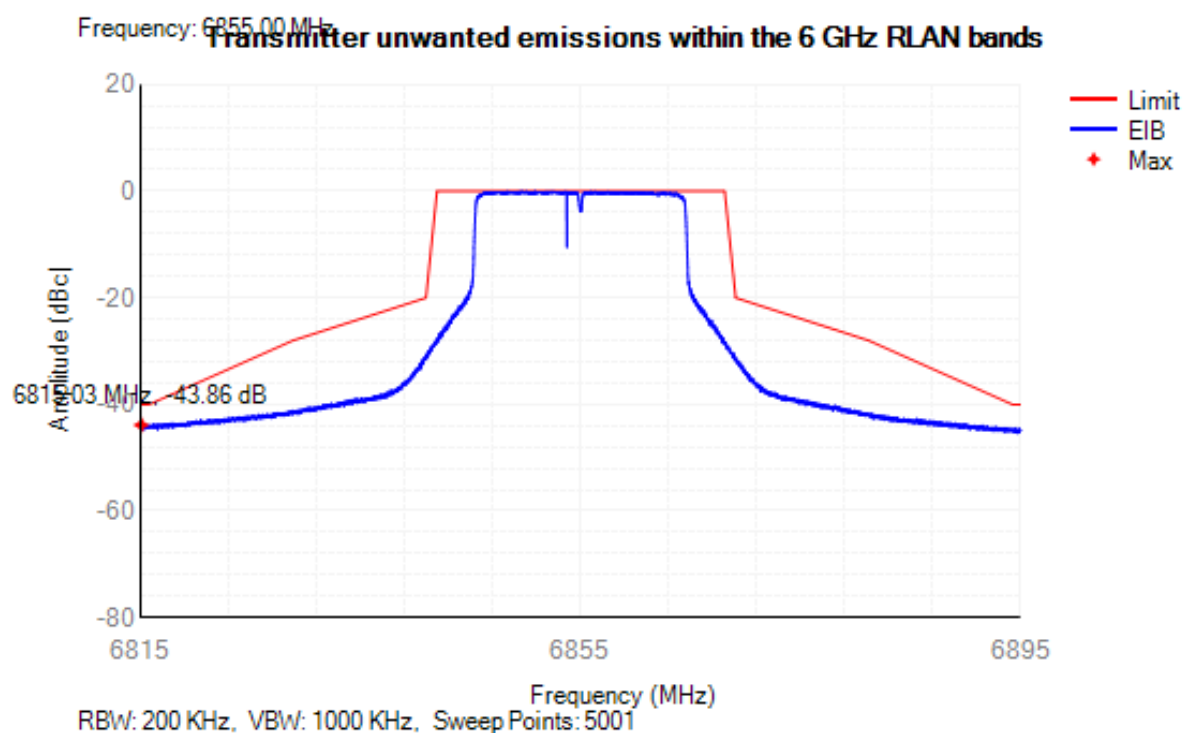
Power spectral mask NVNT ax20 6535MHz



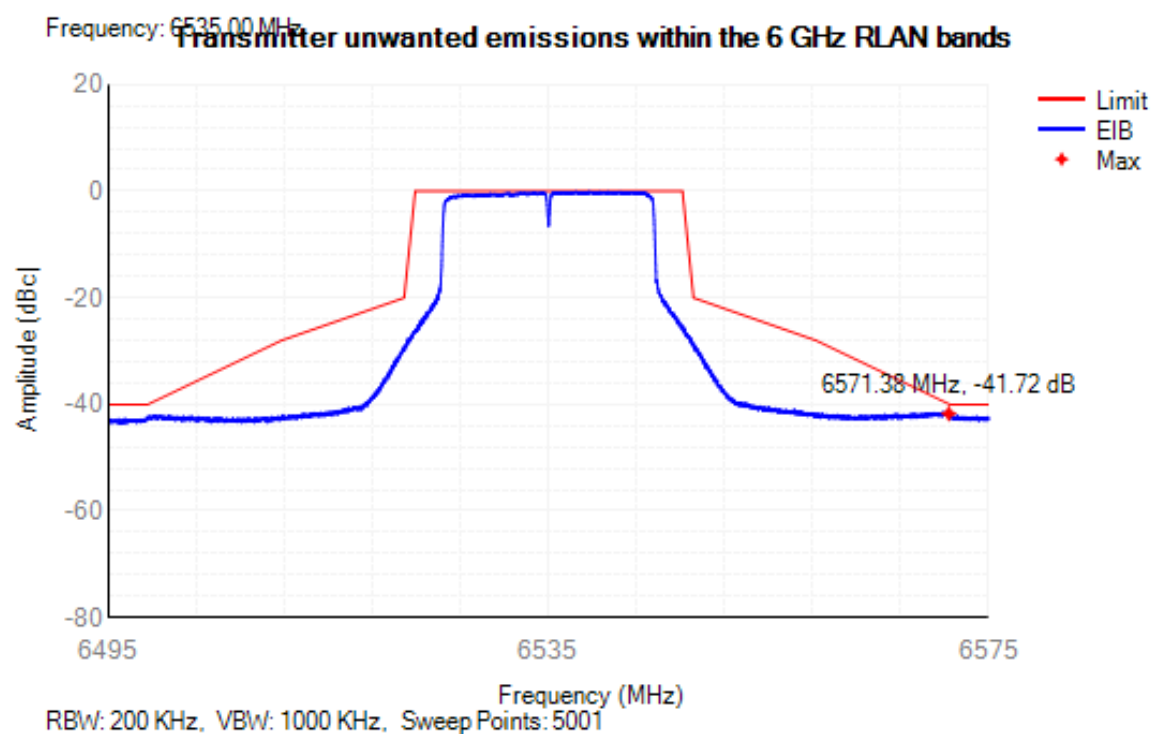
Power spectral mask NVNT ax20 6695MHz



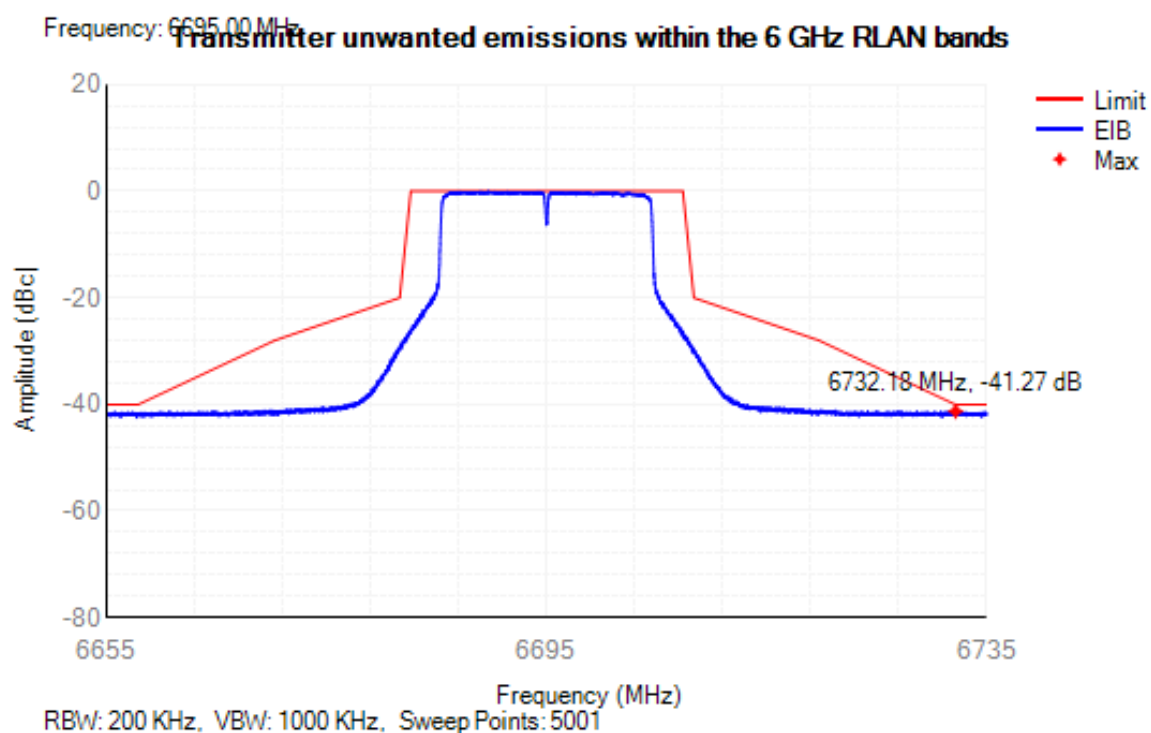
Power spectral mask NVNT ax20 6855MHz



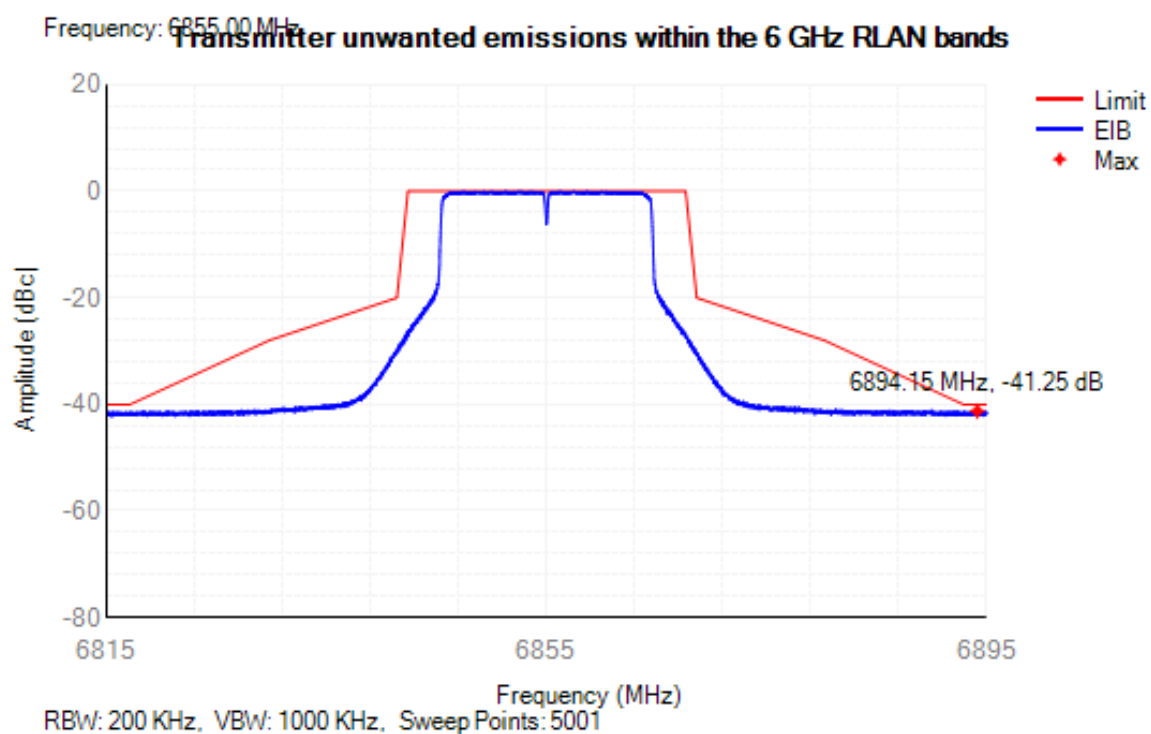
Power spectral mask NVNT ax20 6535MHz



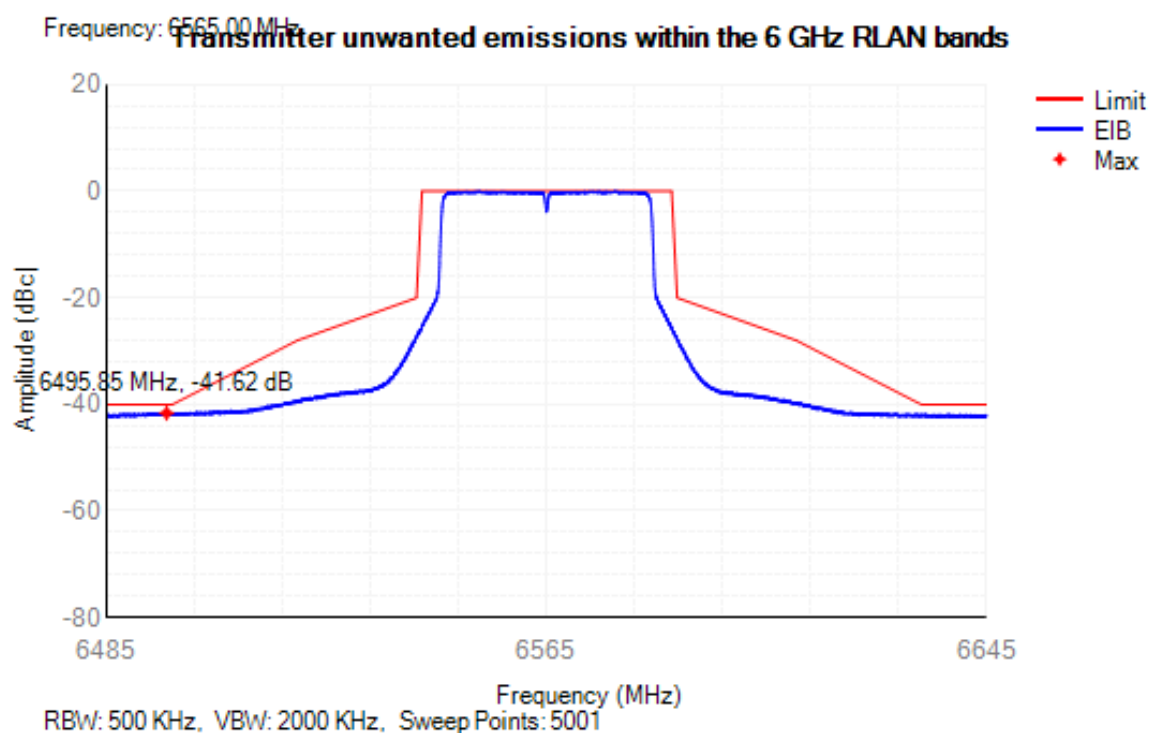
Power spectral mask NVNT ax20 6695MHz



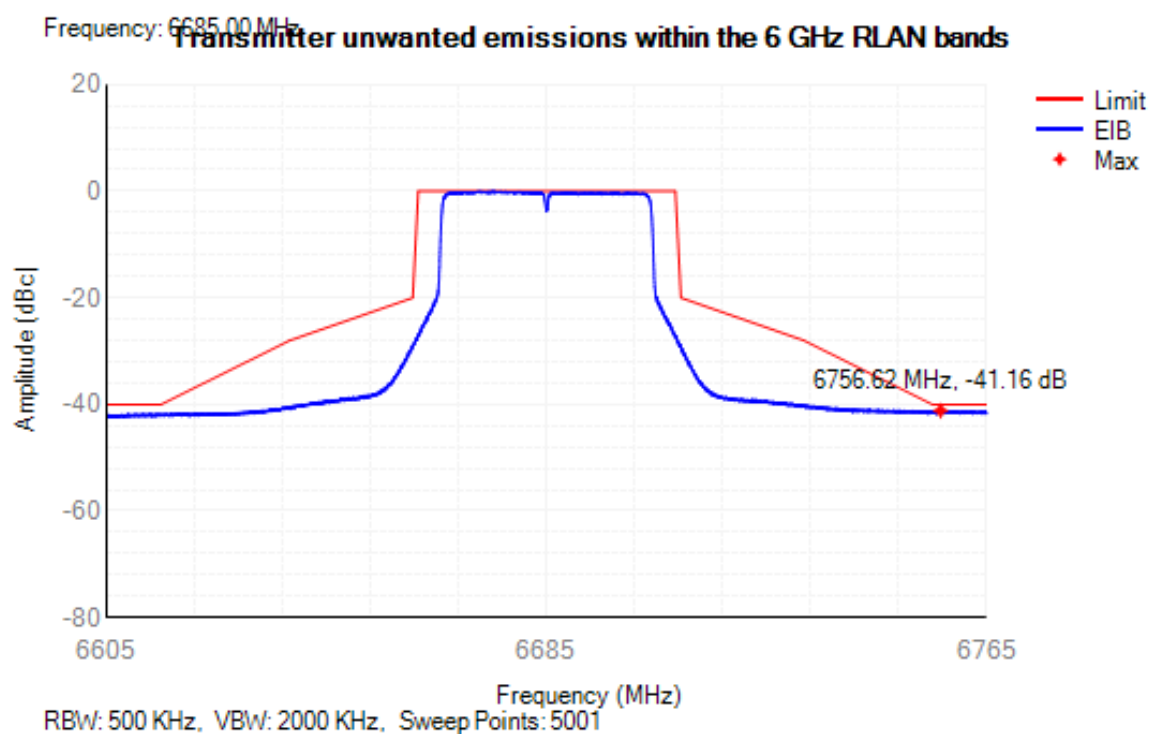
Power spectral mask NVNT ax20 6855MHz



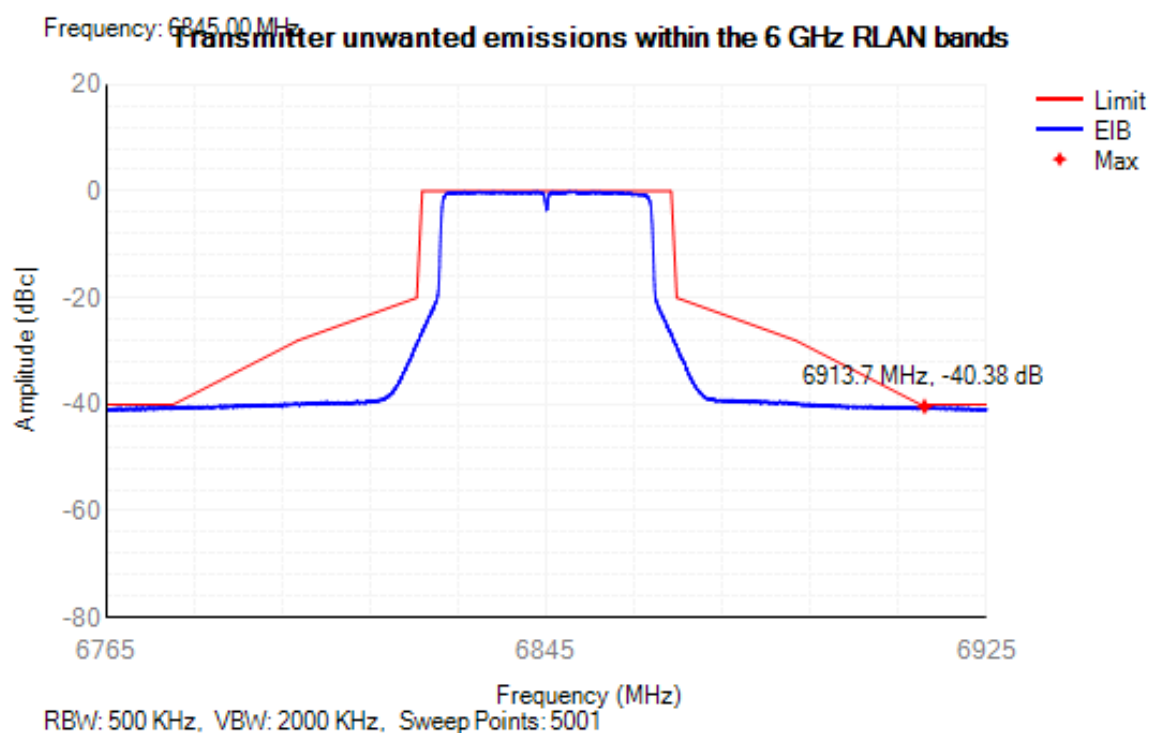
Power spectral mask NVNT ax40 6565MHz



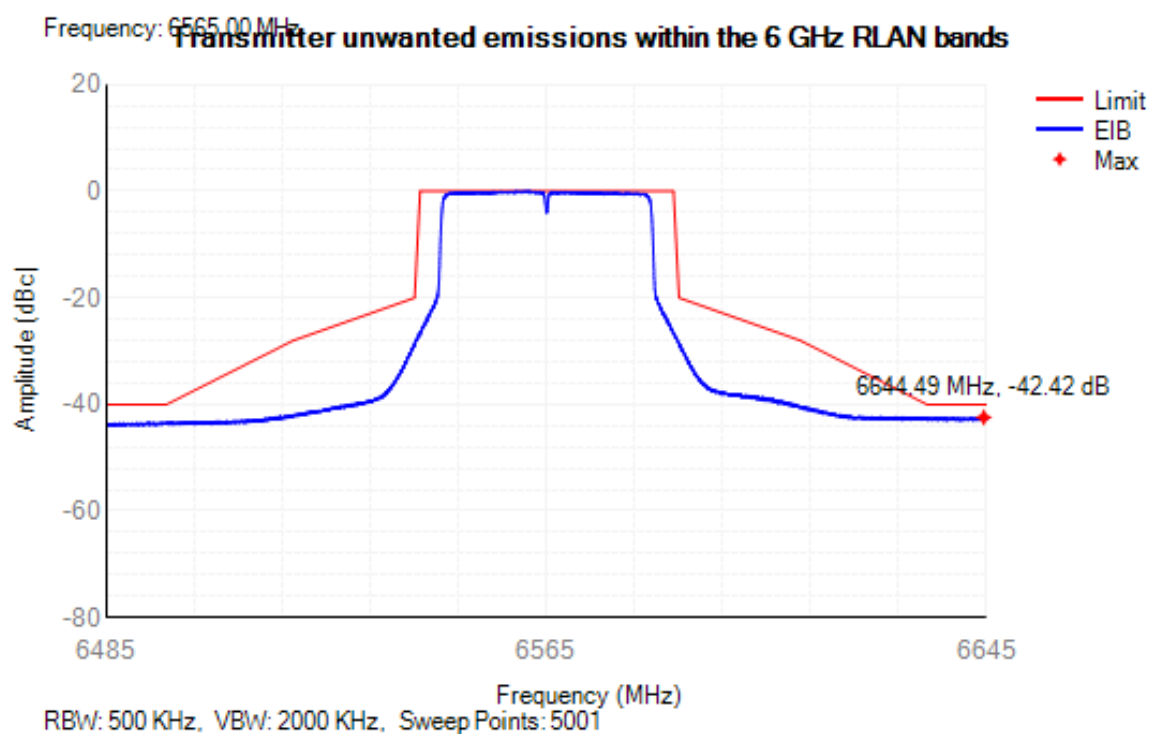
Power spectral mask NVNT ax40 6685MHz



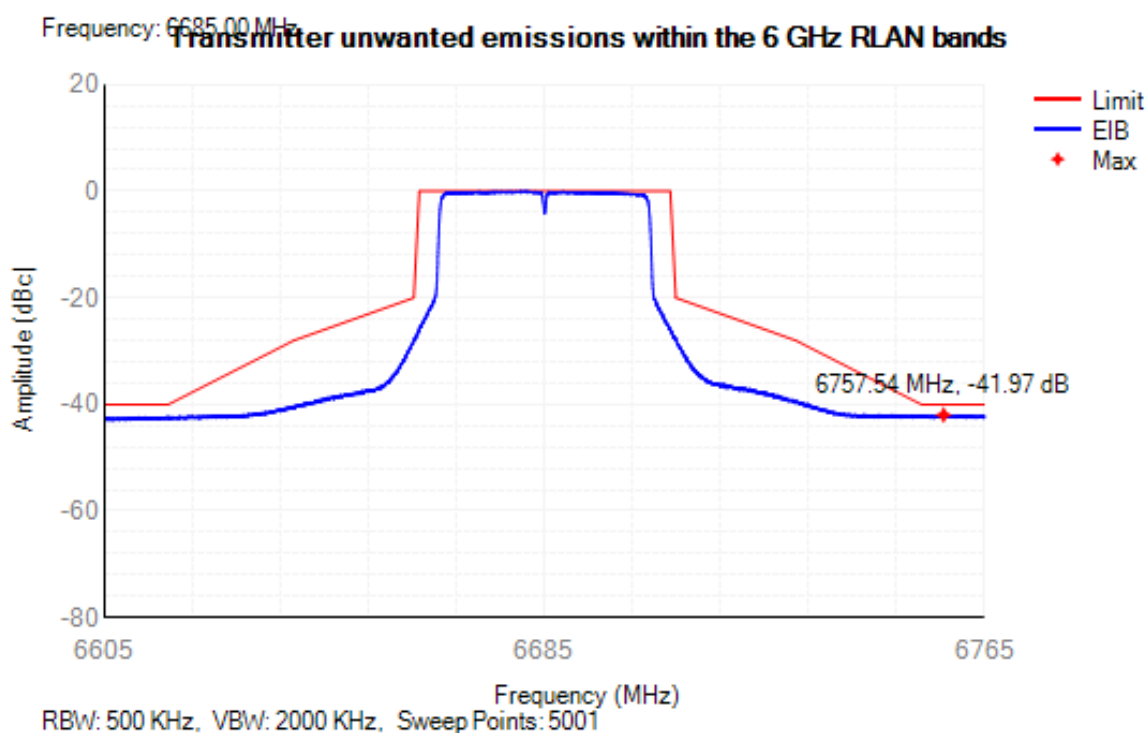
Power spectral mask NVNT ax40 6845MHz



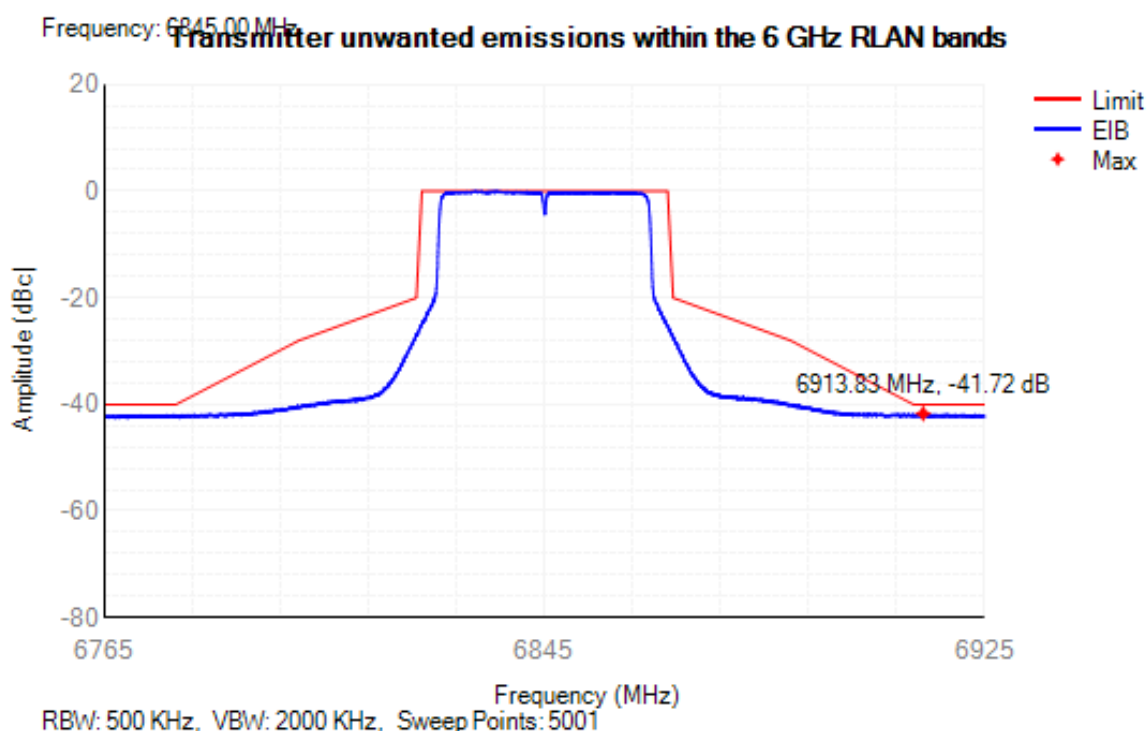
Power spectral mask NVNT ax40 6565MHz



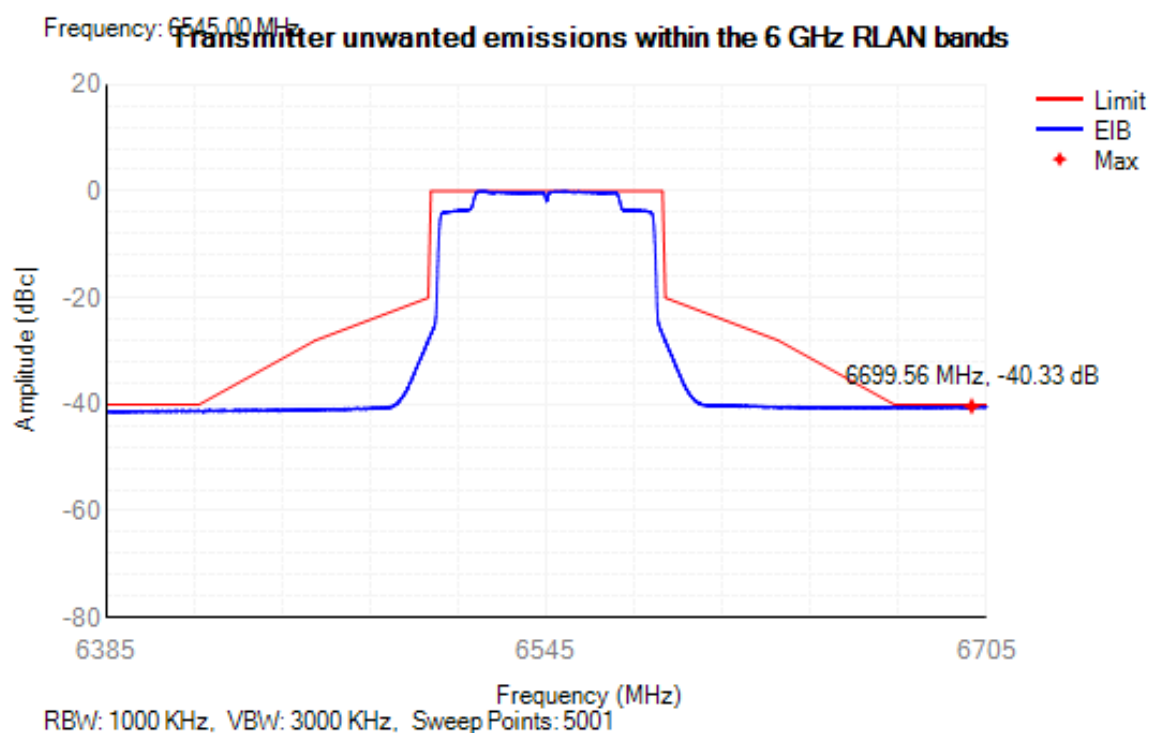
Power spectral mask NVNT ax40 6685MHz



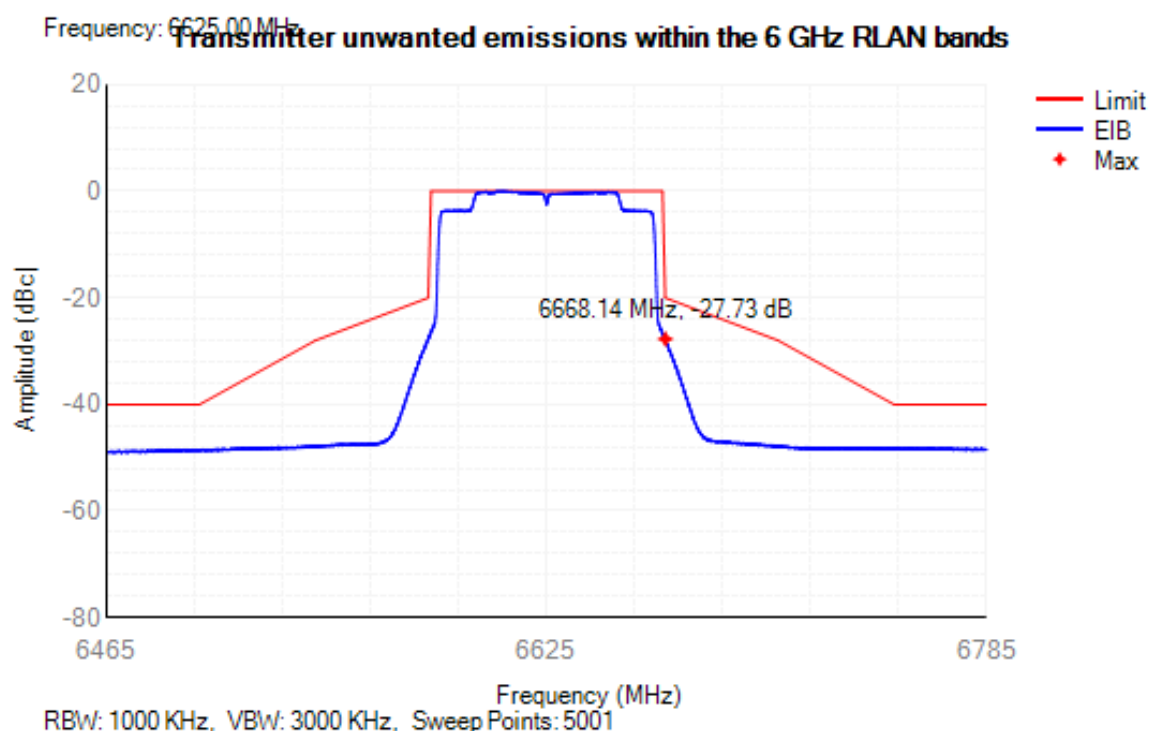
Power spectral mask NVNT ax40 6845MHz



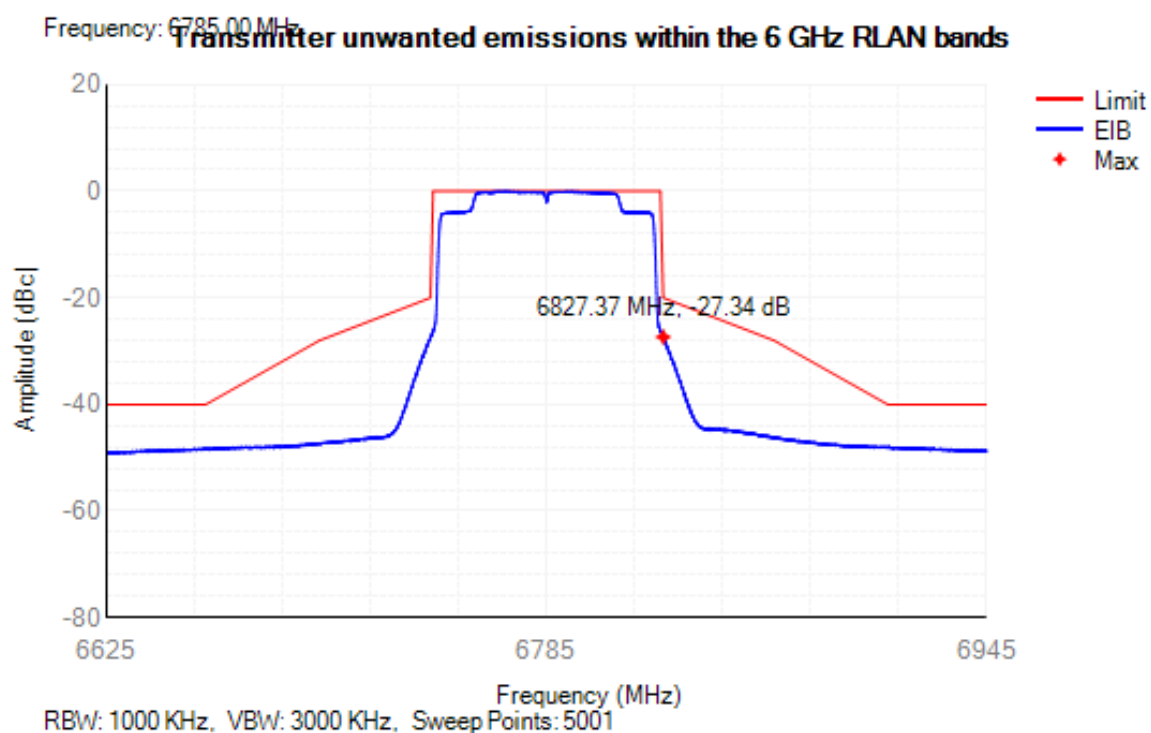
Power spectral mask NVNT ax80 6545MHz



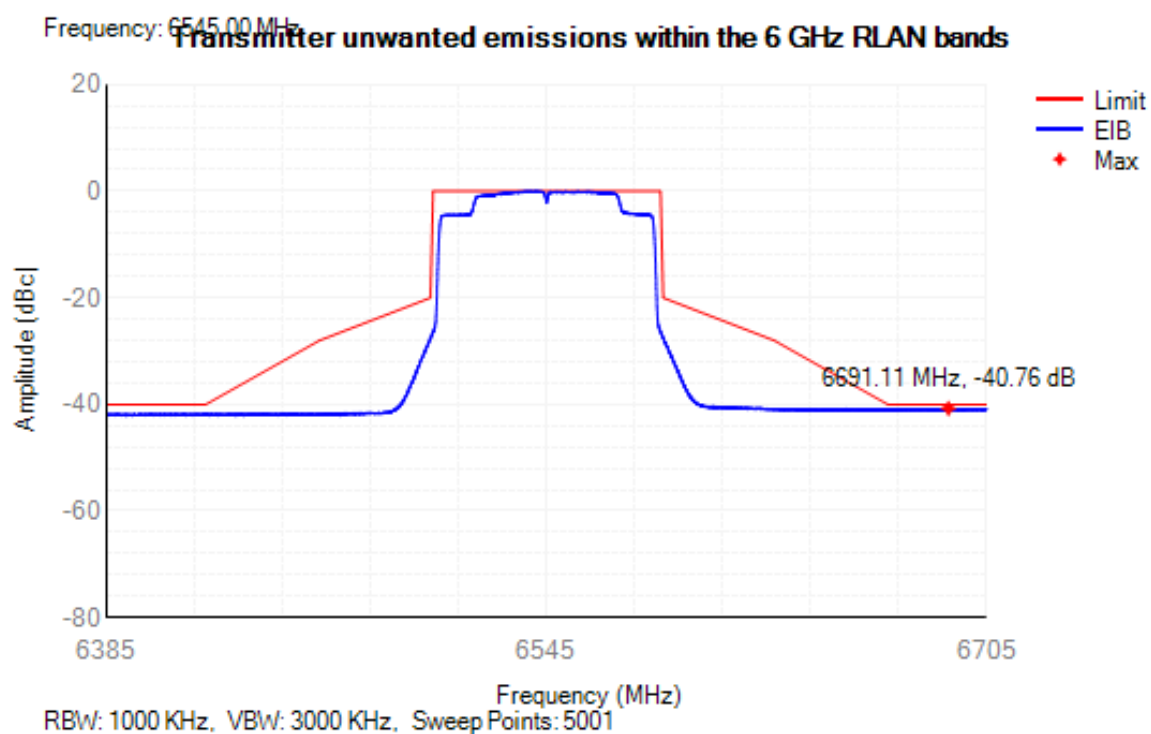
Power spectral mask NVNT ax80 6625MHz



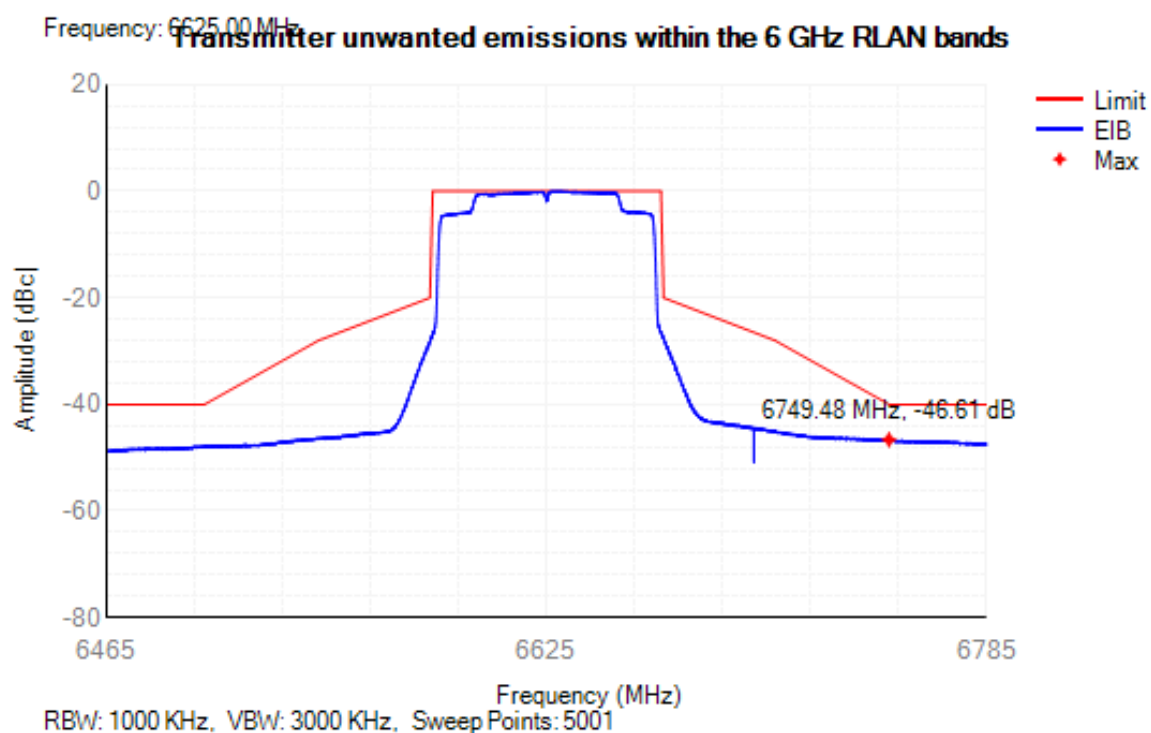
Power spectral mask NVNT ax80 6785MHz



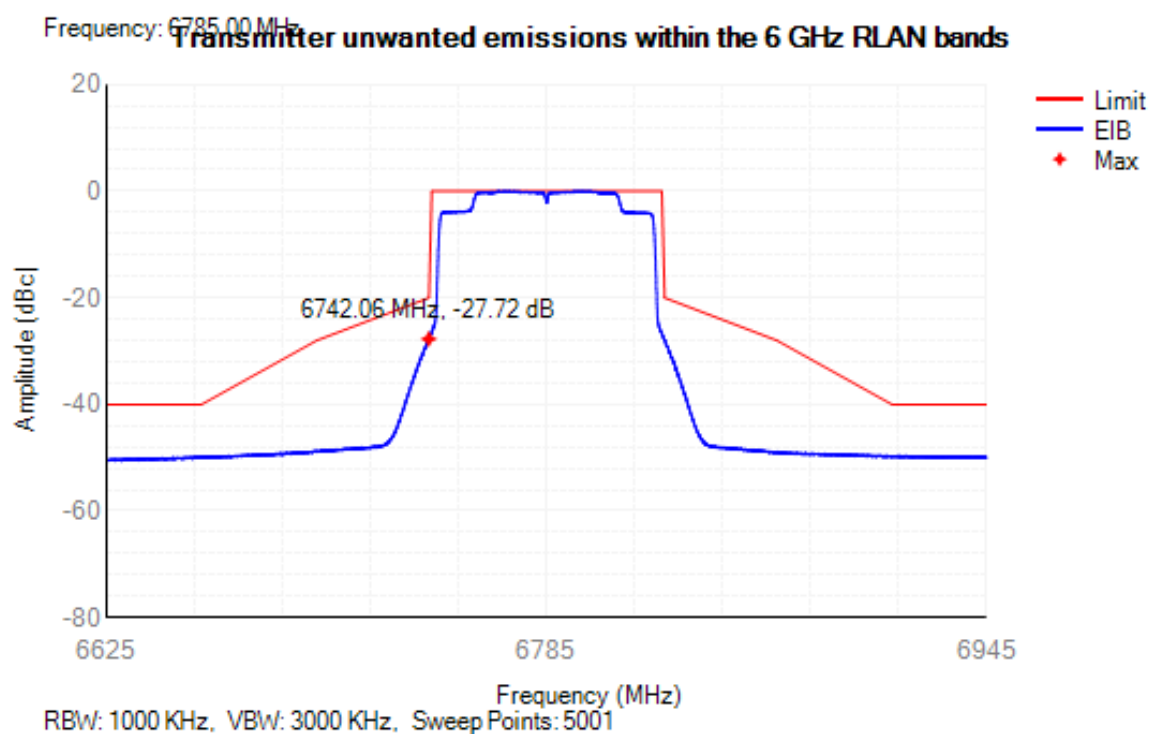
Power spectral mask NVNT ax80 6545MHz



Power spectral mask NVNT ax80 6625MHz



Power spectral mask NVNT ax80 6785MHz

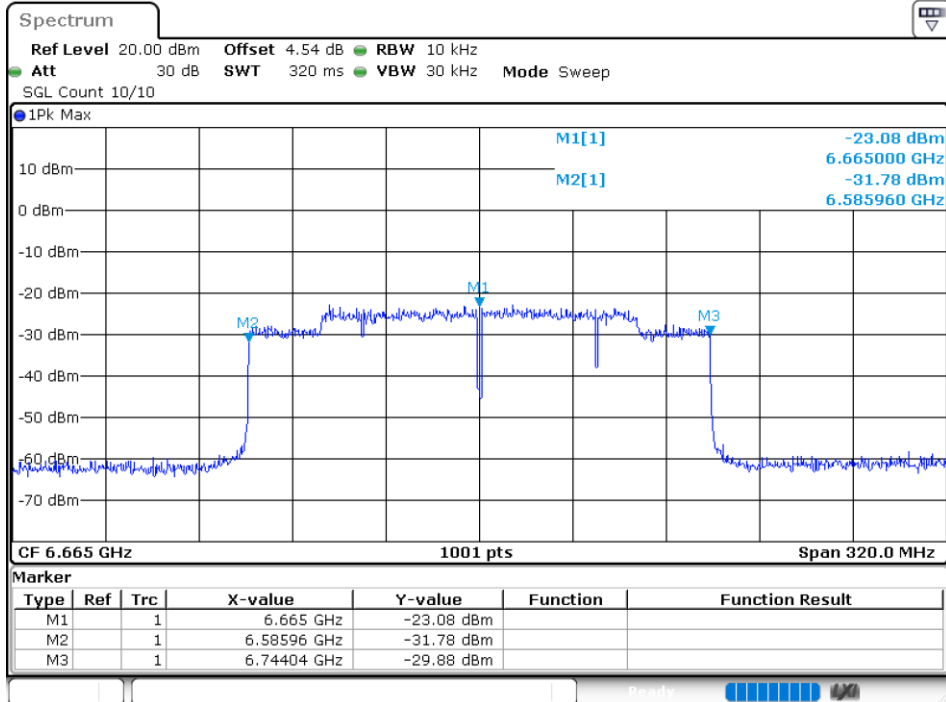


Frequency Stability

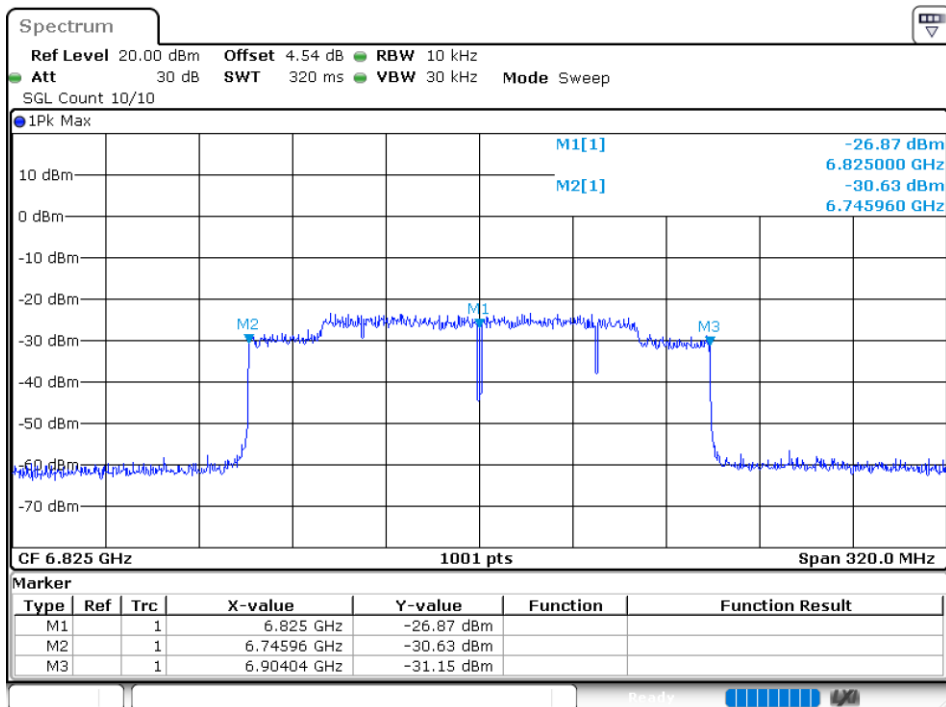
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6665	Ant1	6665	0	0	25	Pass
NVNT	ax160	0	6825	Ant1	6825	0	0	25	Pass
NVNT	ax160	0	6665	Ant2	6665.16	160000	24.01	25	Pass
NVNT	ax160	0	6825	Ant2	6825	0	0	25	Pass
NVNT	ax20	0	6535	Ant1	6534.98	-20000	-3.06	25	Pass
NVNT	ax20	0	6695	Ant1	6694.98	-20000	-2.99	25	Pass
NVNT	ax20	0	6855	Ant1	6854.98	-20000	-2.92	25	Pass
NVNT	ax20	0	6535	Ant2	6534.98	-20000	-3.06	25	Pass
NVNT	ax20	0	6695	Ant2	6695	0	0	25	Pass
NVNT	ax20	0	6855	Ant2	6854.98	-20000	-2.92	25	Pass
NVNT	ax40	0	6565	Ant1	6565	0	0	25	Pass
NVNT	ax40	0	6685	Ant1	6685	0	0	25	Pass
NVNT	ax40	0	6845	Ant1	6845	0	0	25	Pass
NVNT	ax40	0	6565	Ant2	6565	0	0	25	Pass
NVNT	ax40	0	6685	Ant2	6685	0	0	25	Pass
NVNT	ax40	0	6845	Ant2	6845	0	0	25	Pass
NVNT	ax80	0	6545	Ant1	6545	0	0	25	Pass
NVNT	ax80	0	6625	Ant1	6624.92	-80000	-12.08	25	Pass
NVNT	ax80	0	6785	Ant1	6784.92	-80000	-11.79	25	Pass
NVNT	ax80	0	6545	Ant2	6544.92	-80000	-12.22	25	Pass
NVNT	ax80	0	6625	Ant2	6624.92	-80000	-12.08	25	Pass
NVNT	ax80	0	6785	Ant2	6784.92	-80000	-11.79	25	Pass

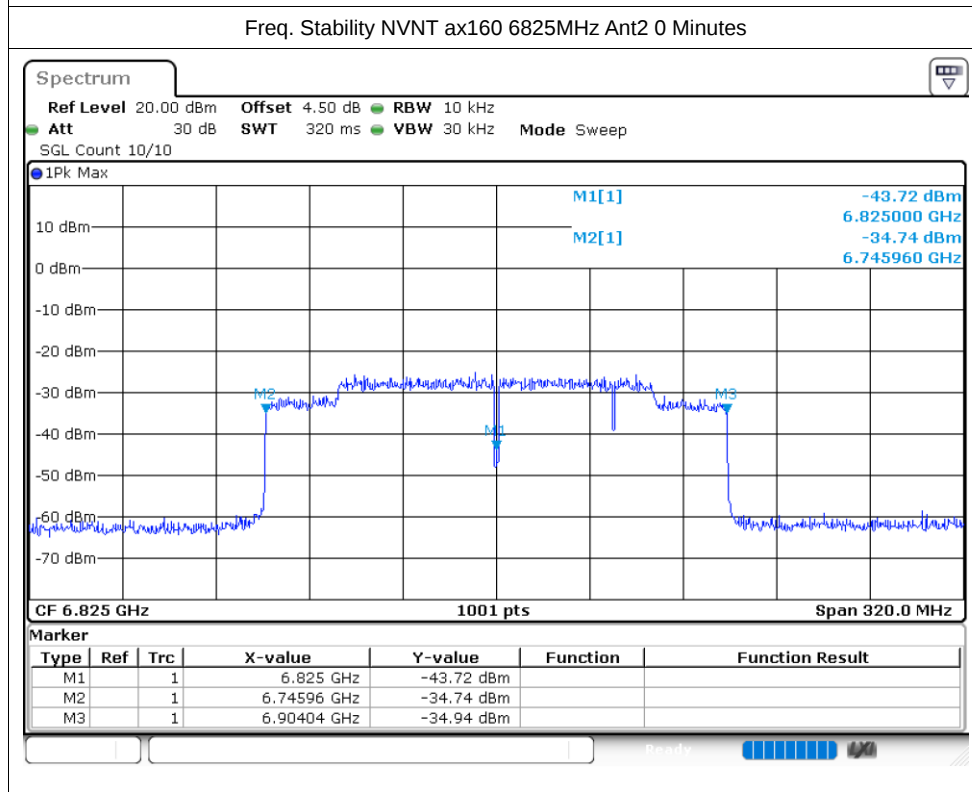
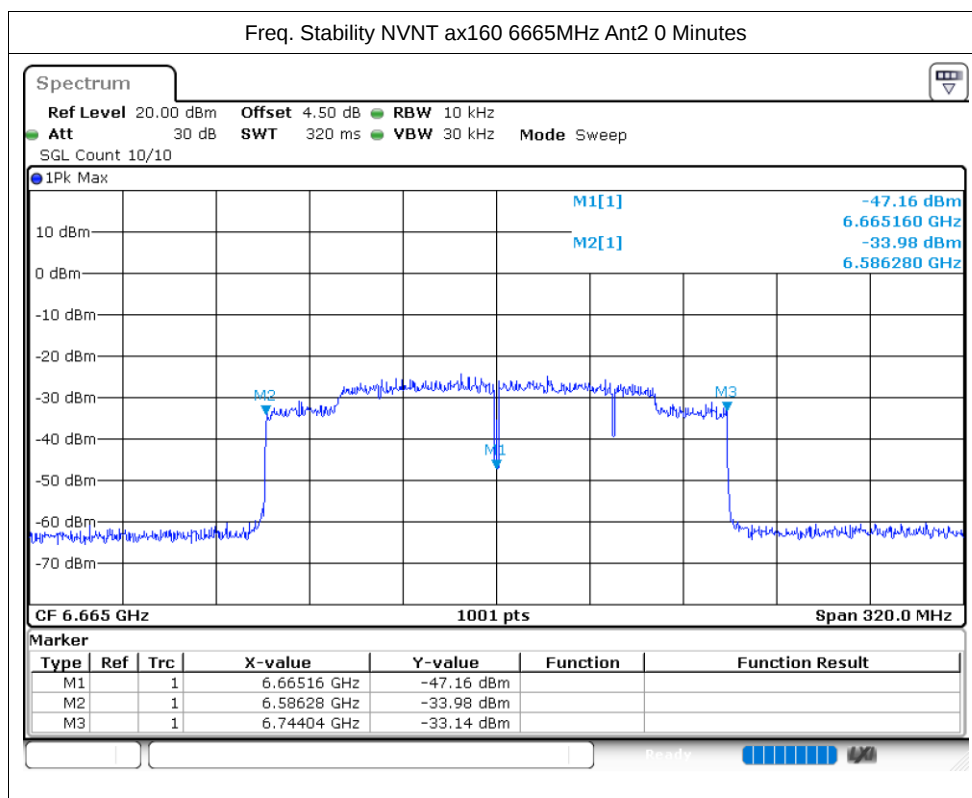
Test Graphs

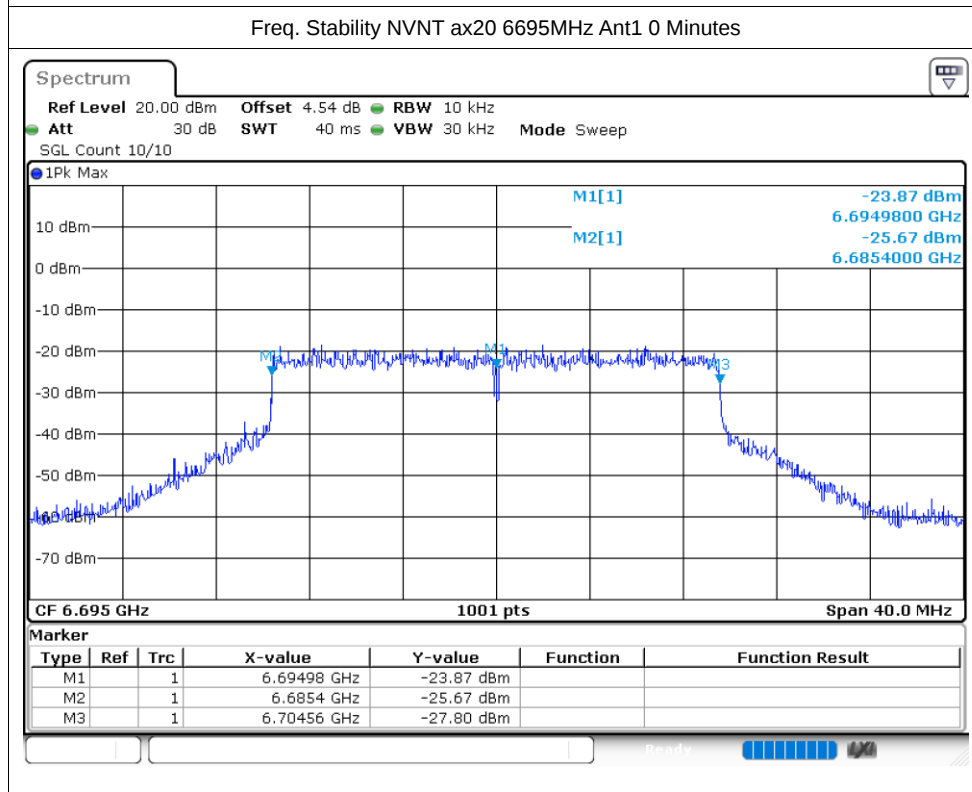
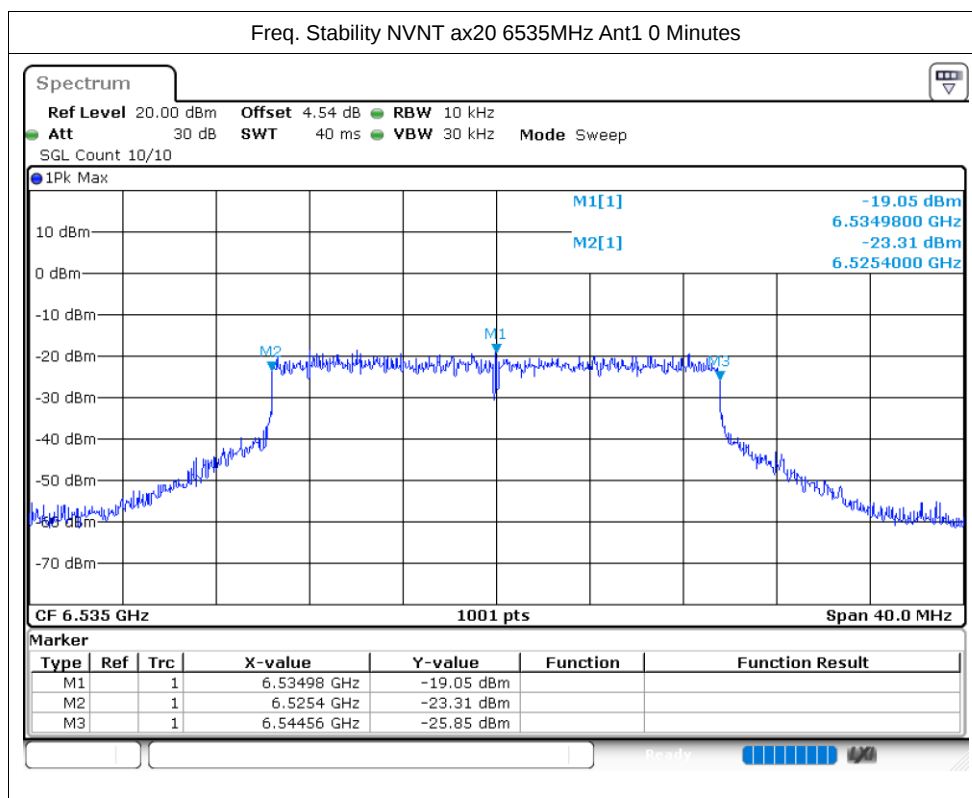
Freq. Stability NVNT ax160 6665MHz Ant1 0 Minutes

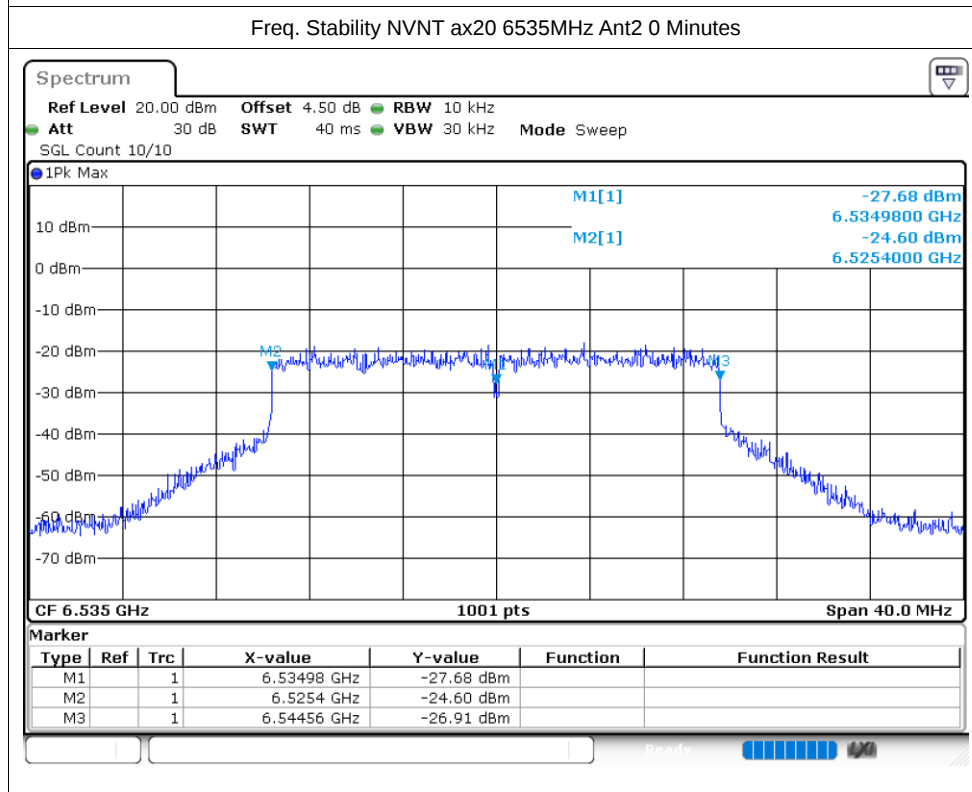
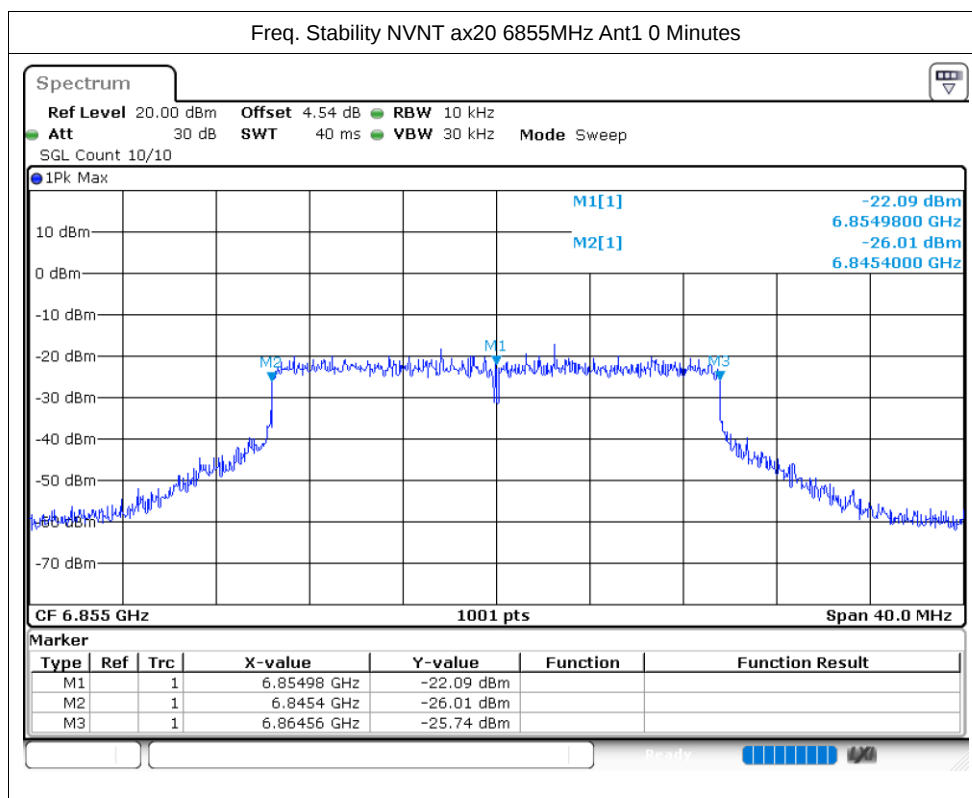


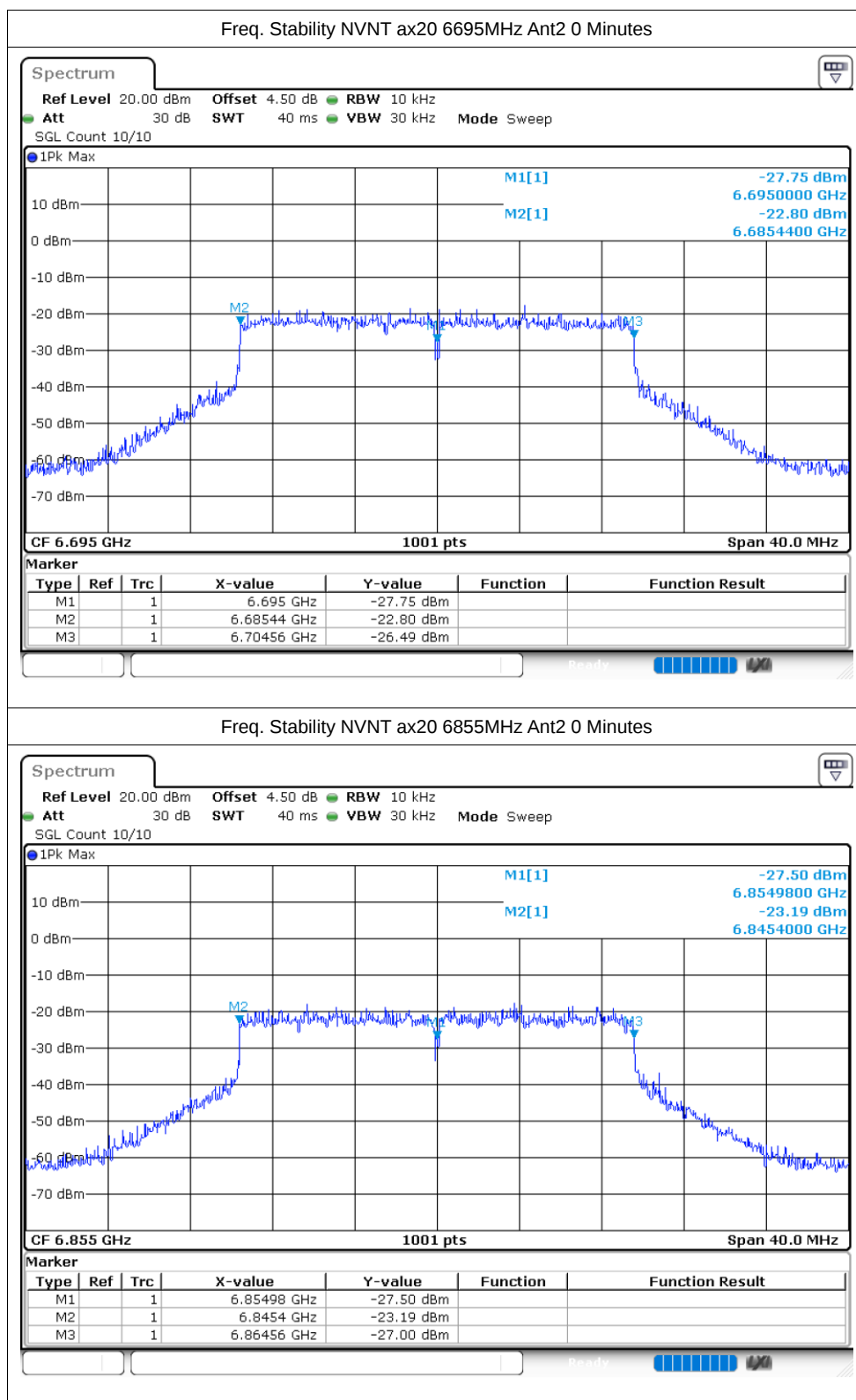
Freq. Stability NVNT ax160 6825MHz Ant1 0 Minutes

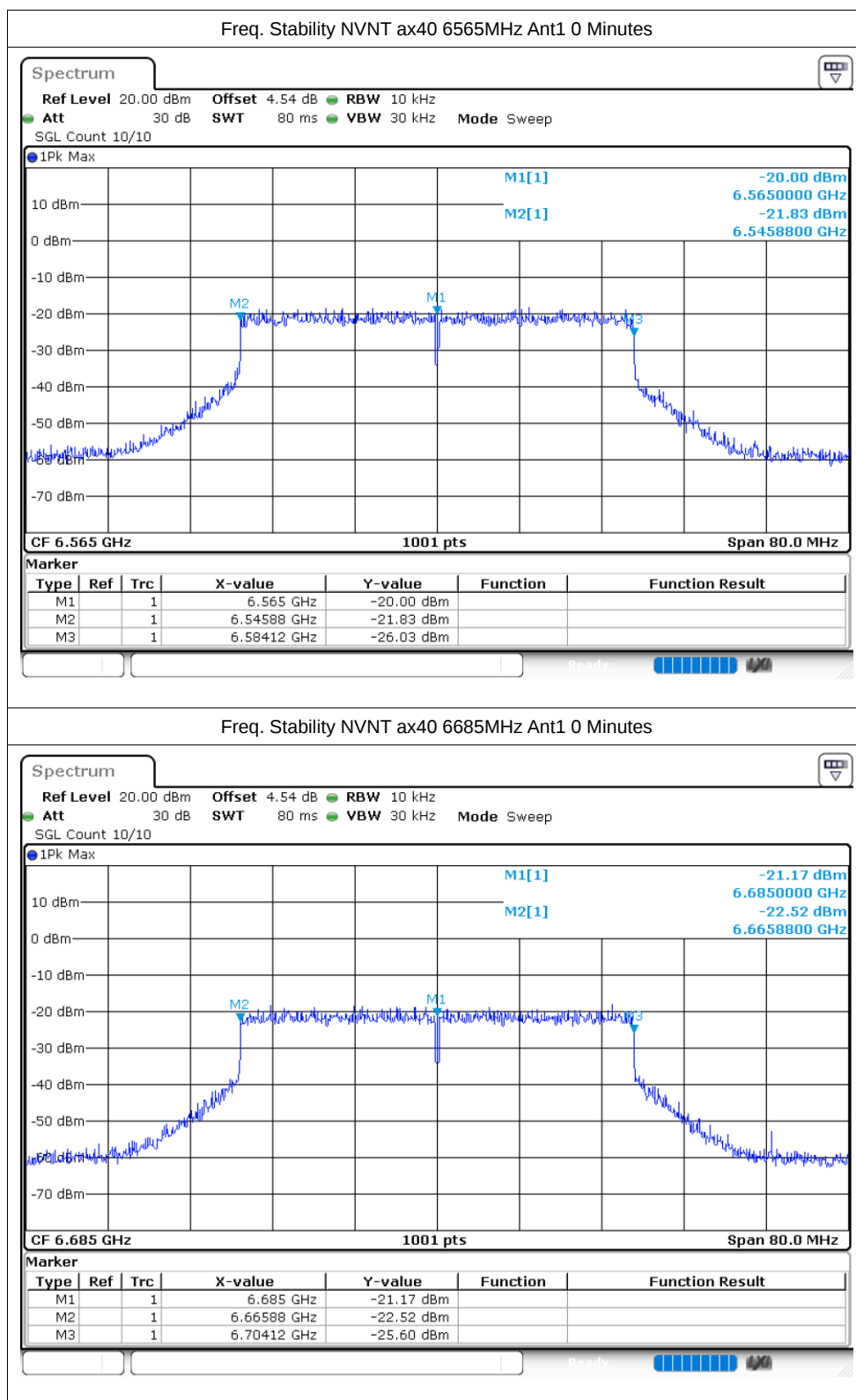


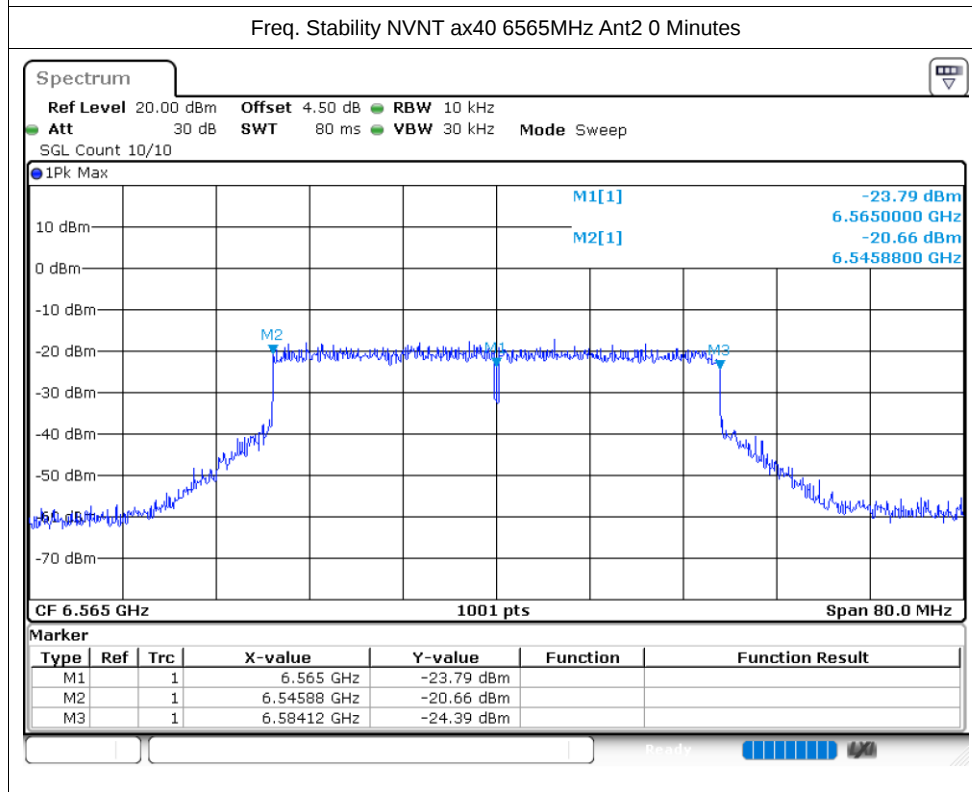
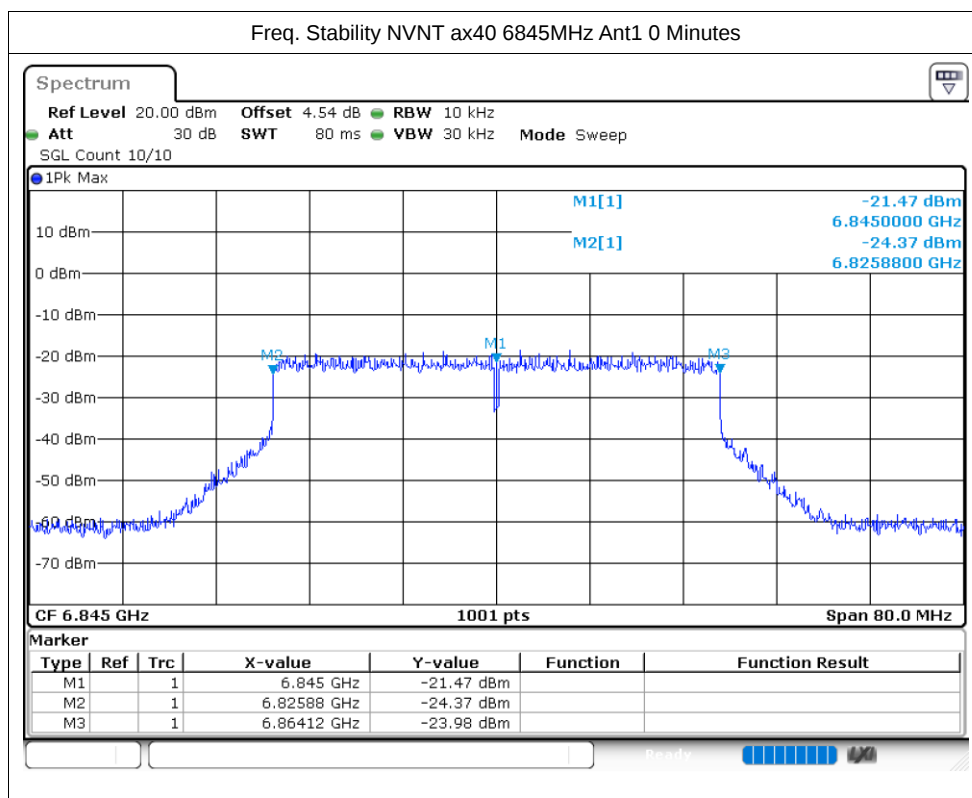


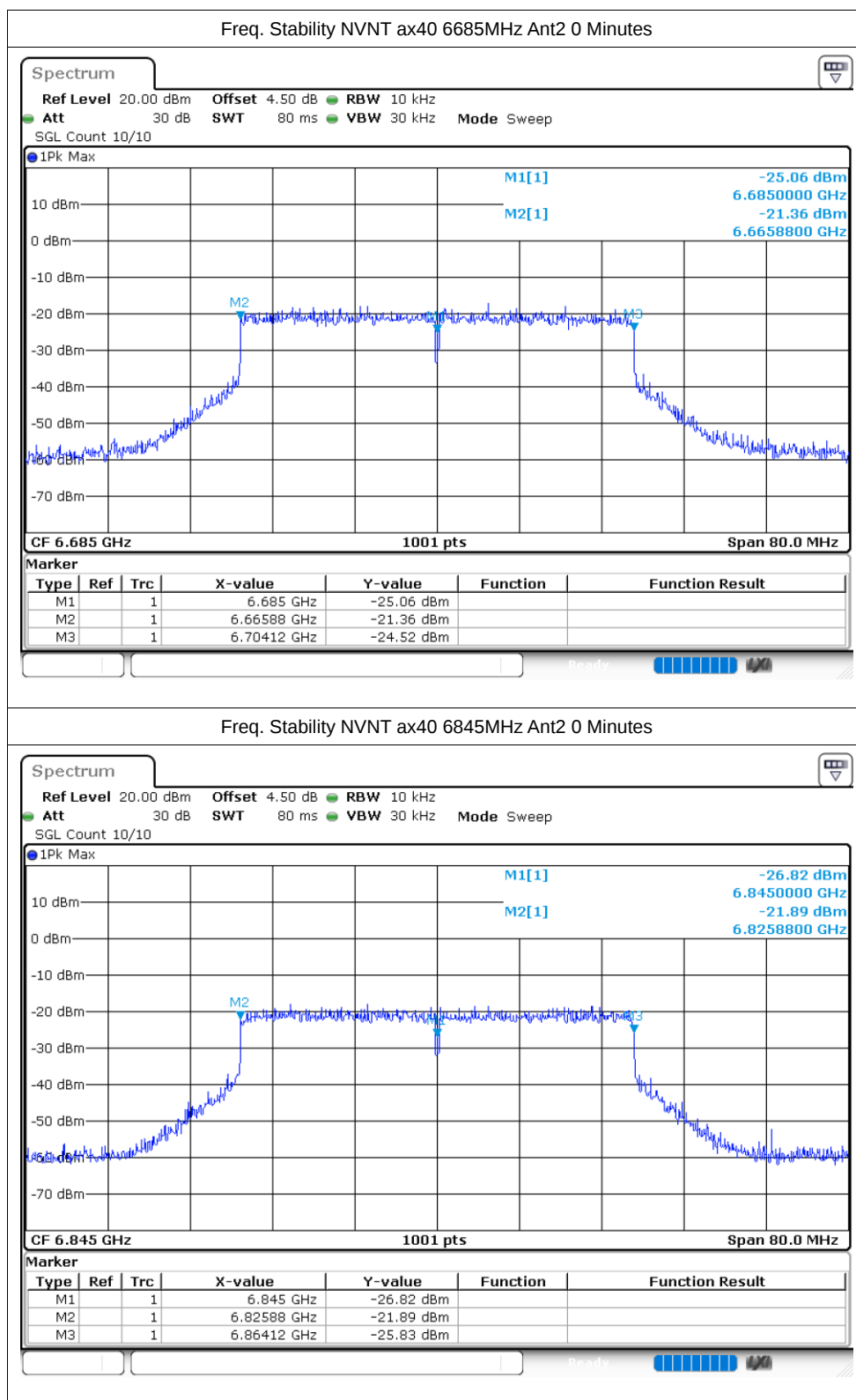


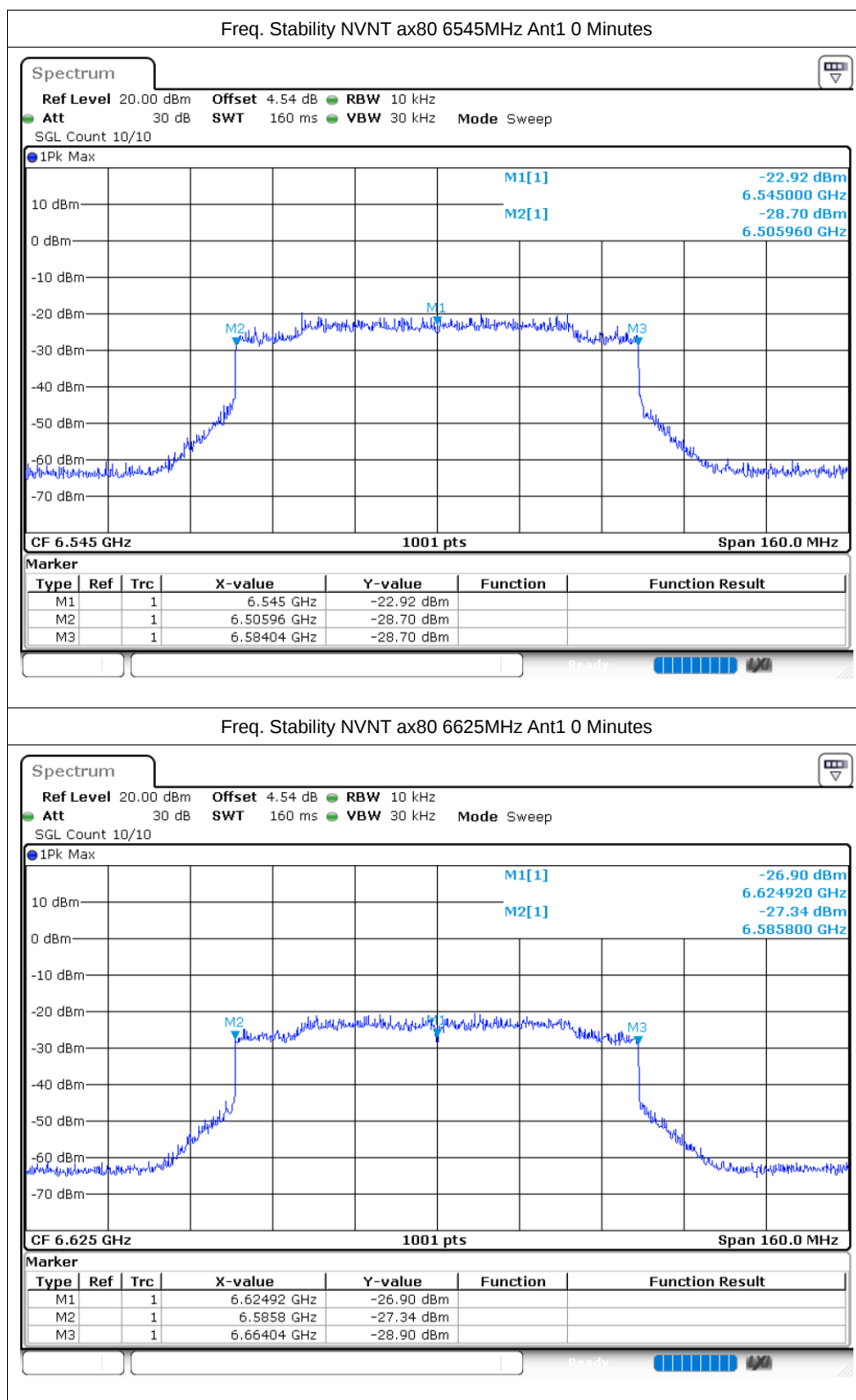


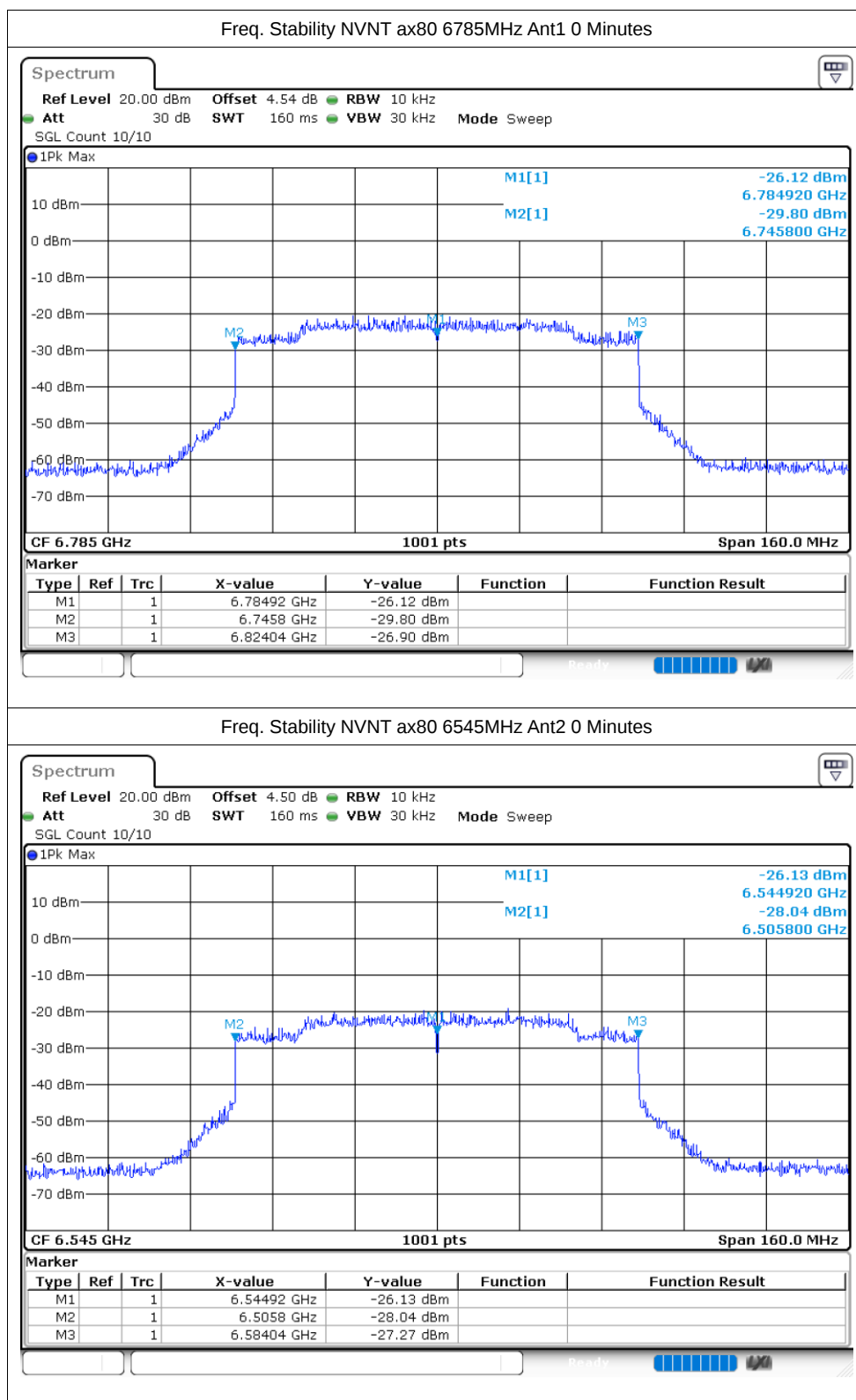


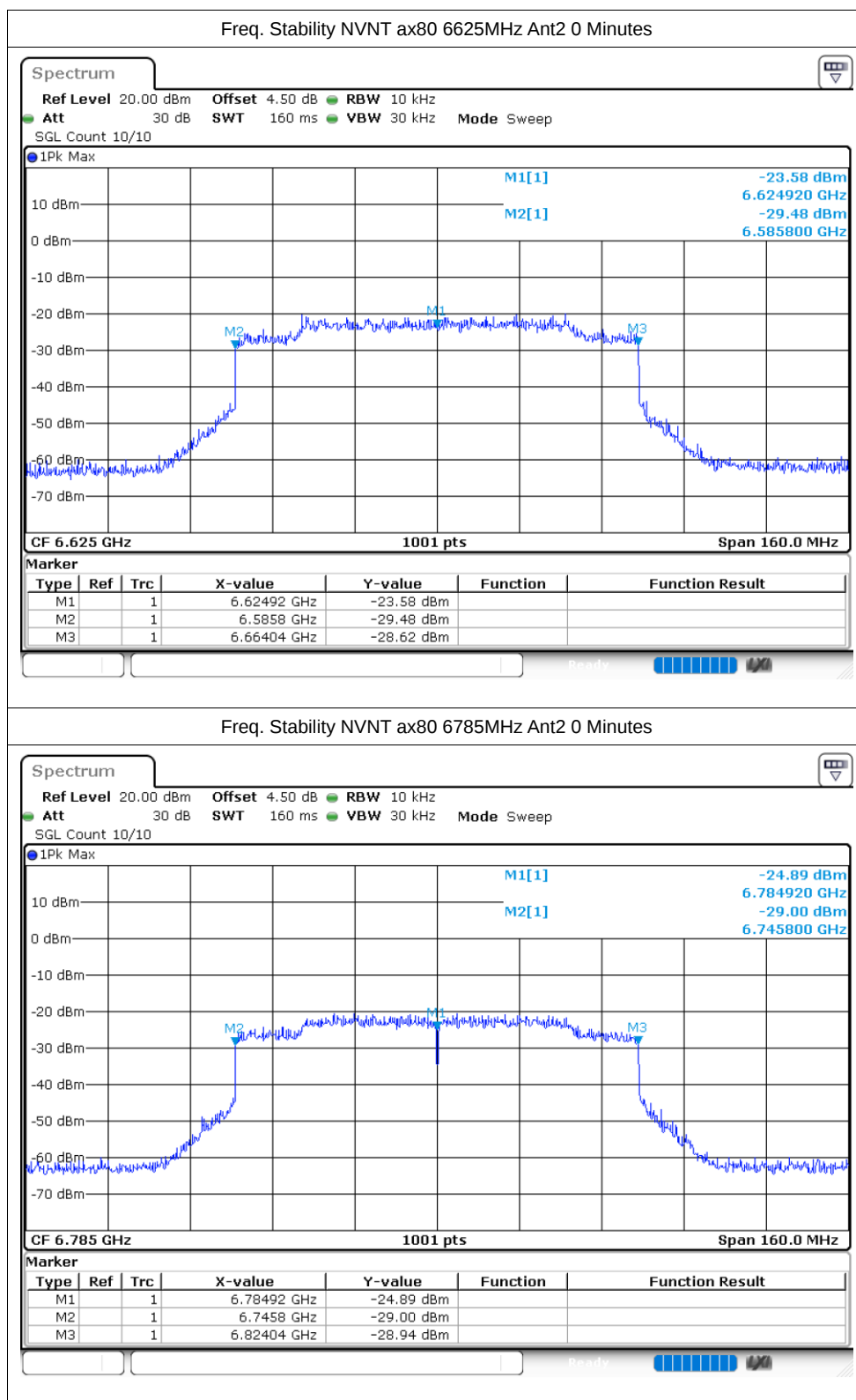












Contention Based Protocol

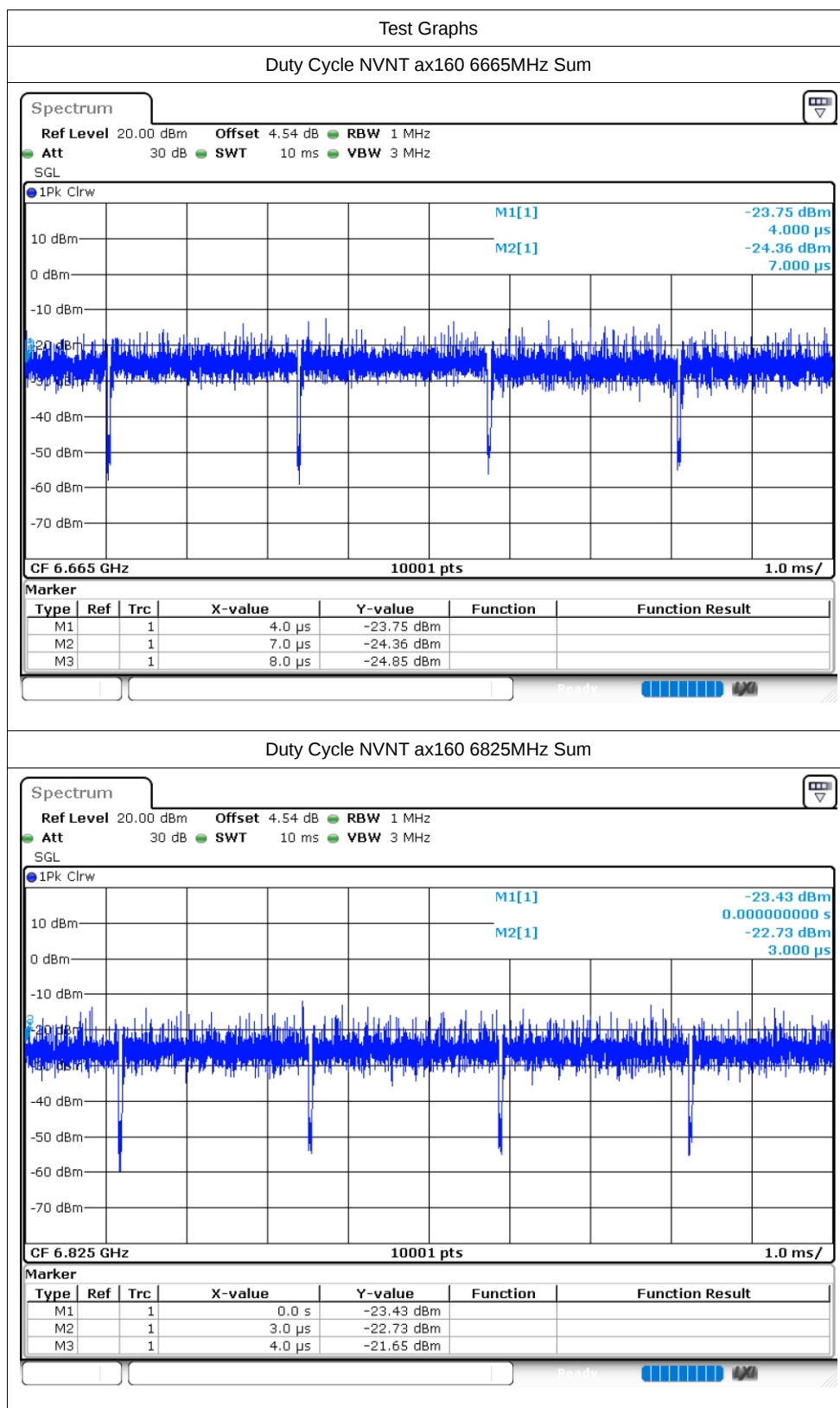
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	117	6535	6535	-60.39	OFF	-63.67	-62	10	100	>90	PASS
				-61.47	Minimal	-64.75					
				-62.55	ON	-65.83					

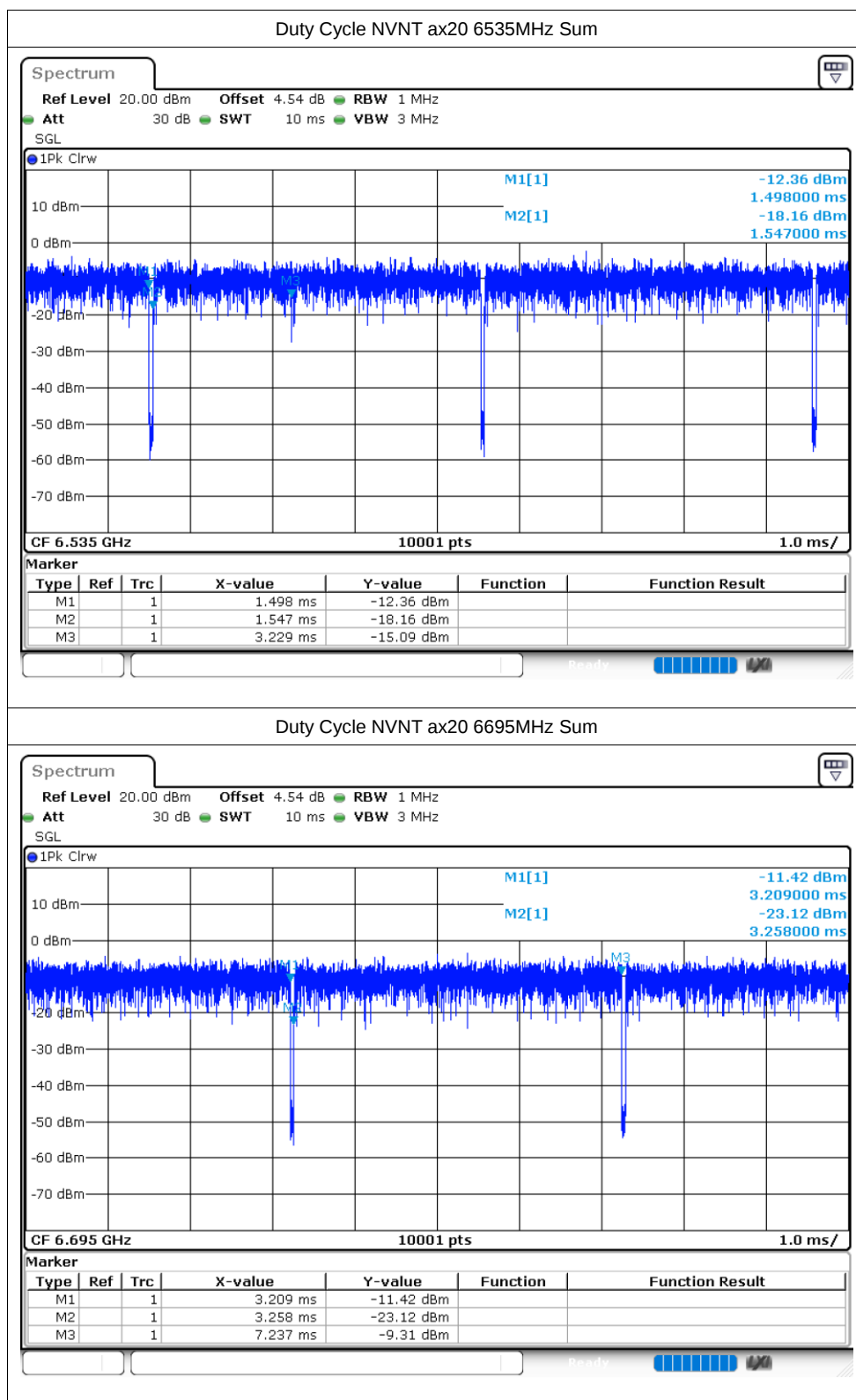
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	143	6665	6590	-63.08	OFF	-66.36	-62	10	100	>90	PASS
				-64.26	Minimal	-67.54					
				-65.31	ON	-68.59					
			6665	-63.03	OFF	-66.31	-62	10	100	>90	PASS
				-64.2	Minimal	-67.48					
				-65.27	ON	-68.55					
			6740	-63.11	OFF	-66.39	-62	10	100	>90	PASS
				-64.3	Minimal	-67.58					
				-65.36	ON	-68.64					

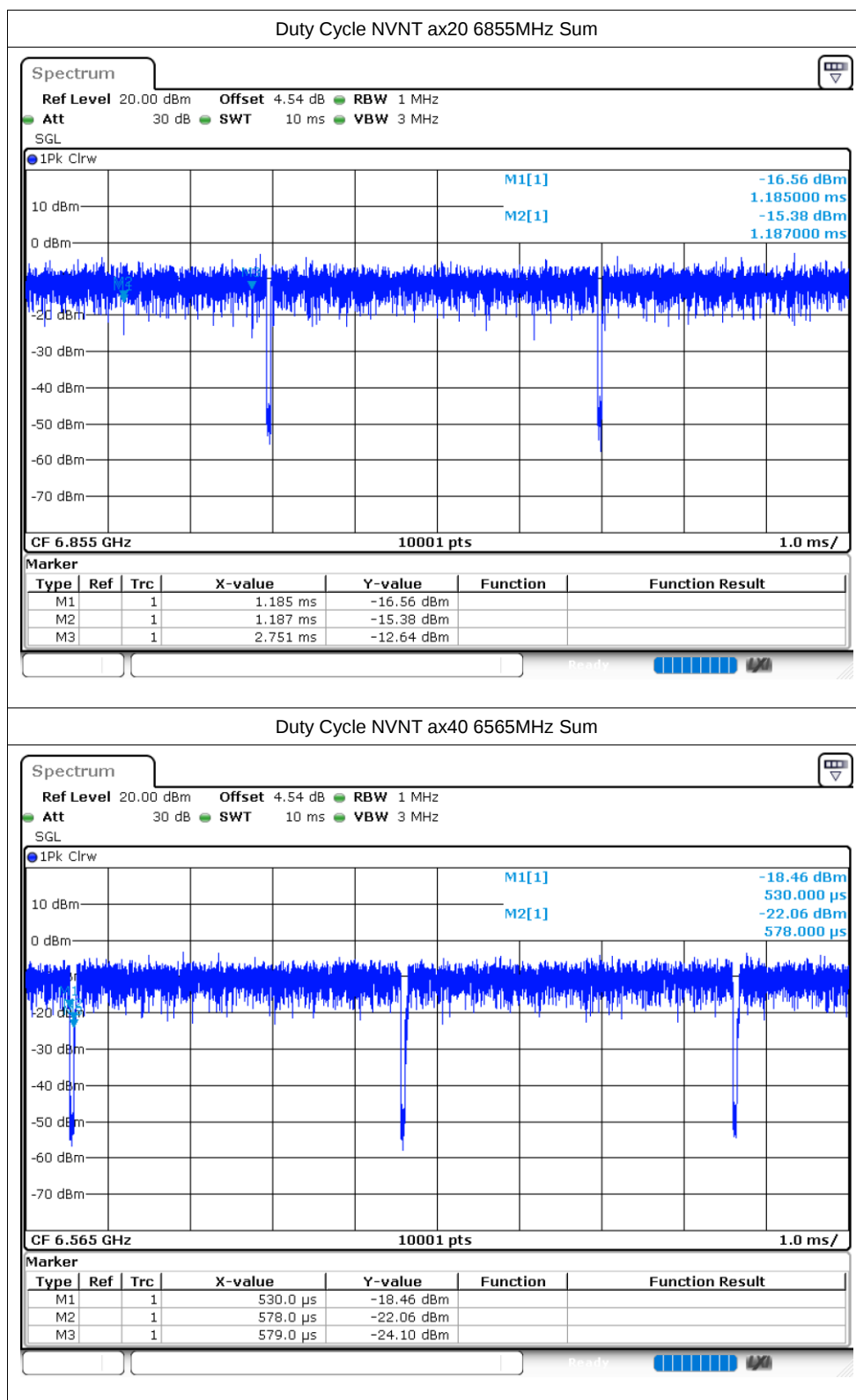
6.7G WIFI MIMO

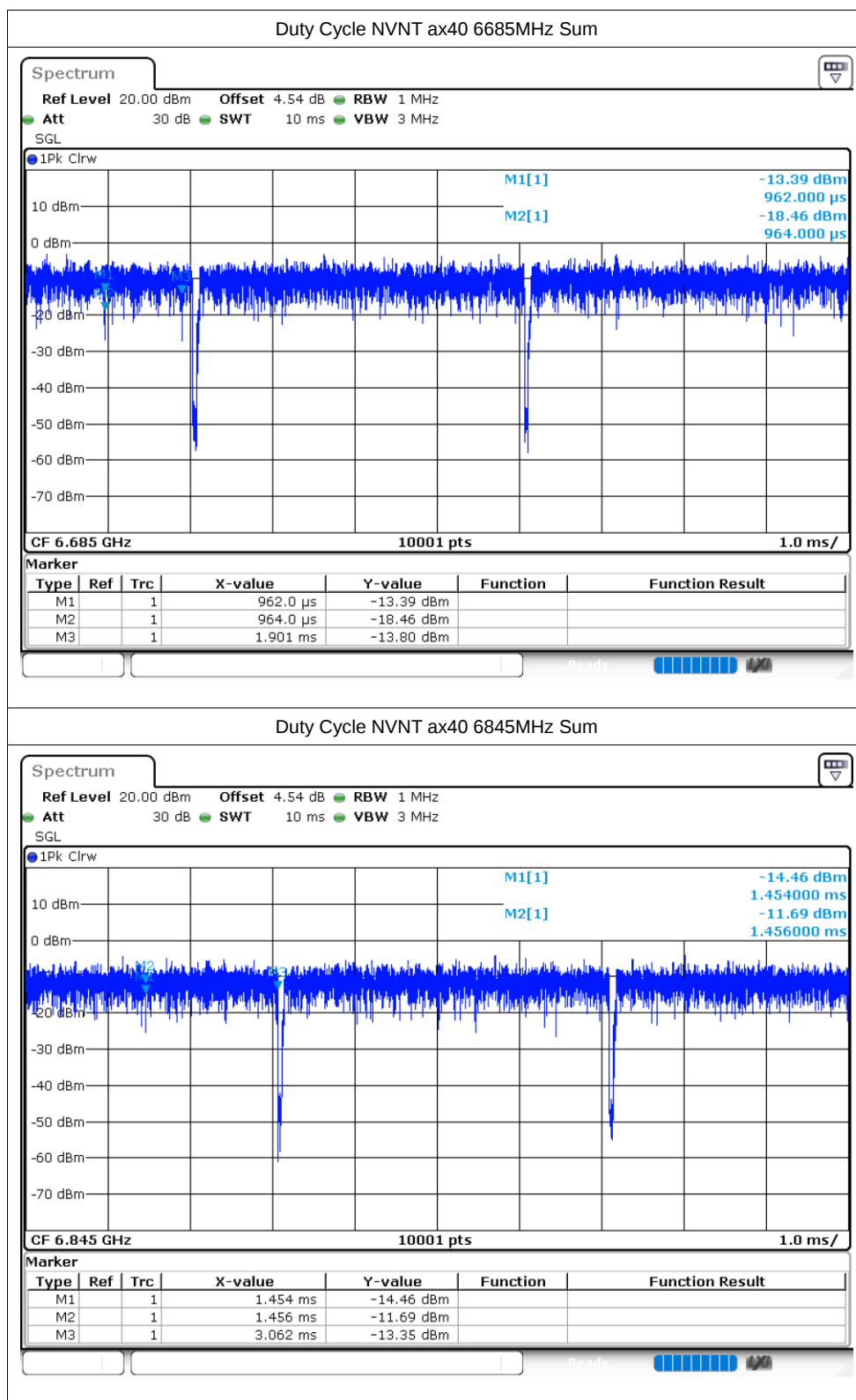
Duty Cycle

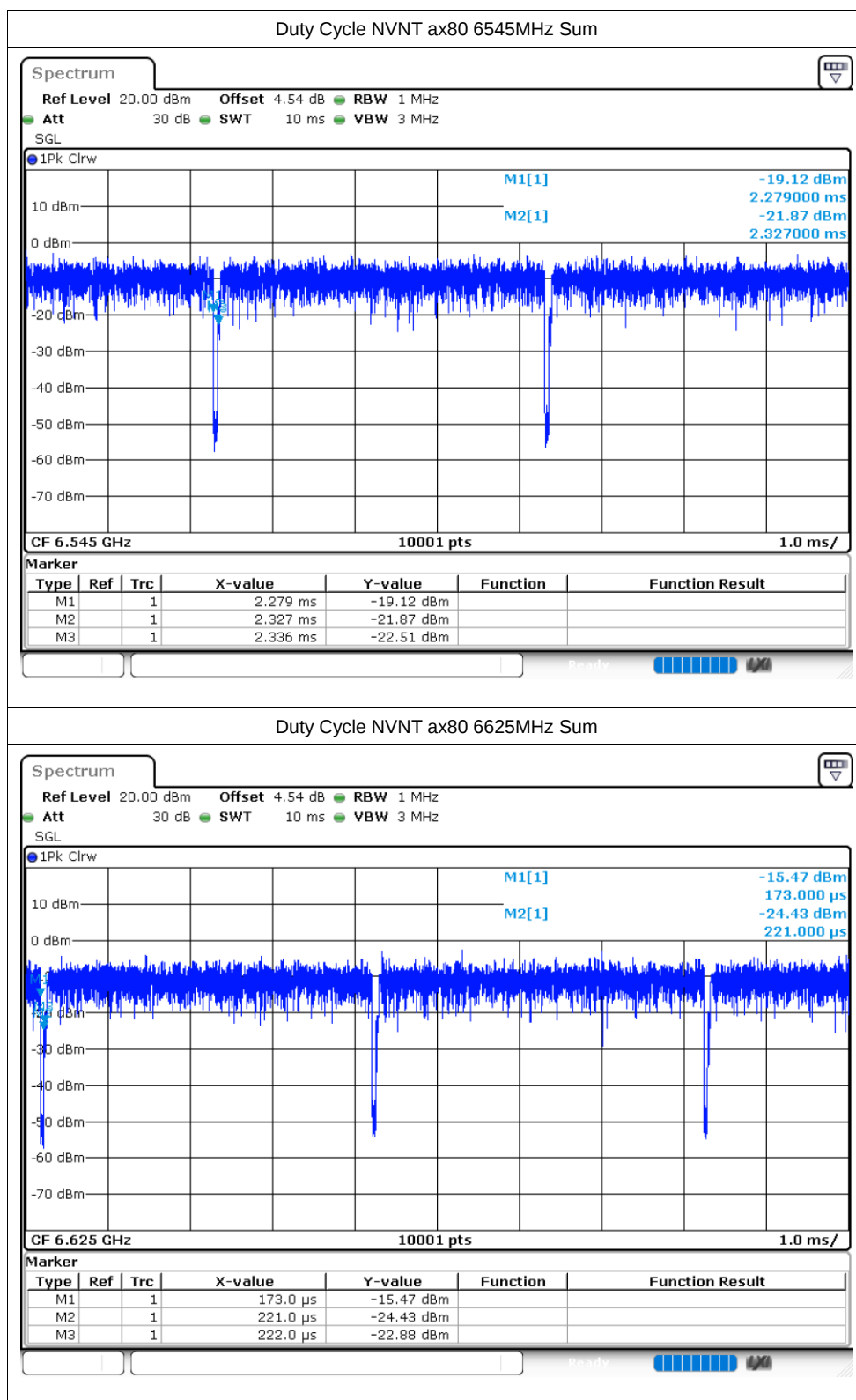
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6665	Sum	98.24	0	0.84
NVNT	ax160	6825	Sum	98.35	0	0.85
NVNT	ax20	6535	Sum	98.17	0	0.59
NVNT	ax20	6695	Sum	98.78	0	0.25
NVNT	ax20	6855	Sum	99.87	0	0.64
NVNT	ax40	6565	Sum	98.25	0	0.76
NVNT	ax40	6685	Sum	99.79	0	1.07
NVNT	ax40	6845	Sum	99.88	0	0.62
NVNT	ax80	6545	Sum	98.45	0	0.91
NVNT	ax80	6625	Sum	98.45	0	0.95
NVNT	ax80	6785	Sum	98.64	0	0.88

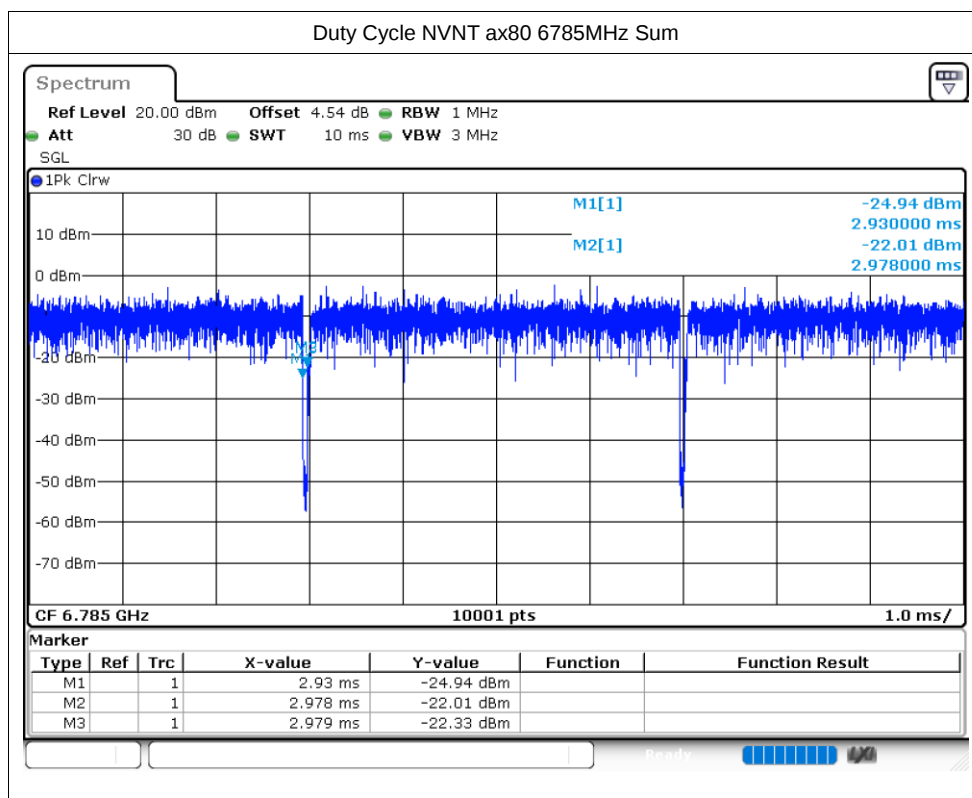












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	6.24	6.24	4.88	11.12	24	Pass
NVNT	ax160	6665	Ant2	5.54	5.54	4.84	10.37	24	Pass
NVNT	ax160	6665	Sum				13.77	24	Pass
NVNT	ax160	6825	Ant1	6.31	6.31	4.88	11.19	24	Pass
NVNT	ax160	6825	Ant2	5.78	5.78	4.84	10.61	24	Pass
NVNT	ax160	6825	Sum				13.92	24	Pass
NVNT	ax20	6535	Ant1	2.45	2.45	4.88	7.33	24	Pass
NVNT	ax20	6535	Ant2	1.47	1.47	4.84	6.3	24	Pass
NVNT	ax20	6535	Sum				9.86	24	Pass
NVNT	ax20	6695	Ant1	2.34	2.34	4.88	7.22	24	Pass
NVNT	ax20	6695	Ant2	1.19	1.19	4.84	6.02	24	Pass
NVNT	ax20	6695	Sum				9.67	24	Pass
NVNT	ax20	6855	Ant1	2.54	2.54	4.88	7.42	24	Pass
NVNT	ax20	6855	Ant2	1.04	1.04	4.84	5.87	24	Pass
NVNT	ax20	6855	Sum				9.72	24	Pass
NVNT	ax40	6565	Ant1	6.1	6.1	4.88	10.98	24	Pass
NVNT	ax40	6565	Ant2	5.29	5.29	4.84	10.12	24	Pass
NVNT	ax40	6565	Sum				13.58	24	Pass
NVNT	ax40	6685	Ant1	5.91	5.91	4.88	10.79	24	Pass
NVNT	ax40	6685	Ant2	4.59	4.59	4.84	9.42	24	Pass
NVNT	ax40	6685	Sum				13.17	24	Pass
NVNT	ax40	6845	Ant1	6.07	6.07	4.88	10.95	24	Pass
NVNT	ax40	6845	Ant2	4.47	4.47	4.84	9.3	24	Pass
NVNT	ax40	6845	Sum				13.21	24	Pass
NVNT	ax80	6545	Ant1	9.02	9.02	4.88	13.9	24	Pass
NVNT	ax80	6545	Ant2	8.04	8.04	4.84	12.87	24	Pass
NVNT	ax80	6545	Sum				16.43	24	Pass
NVNT	ax80	6625	Ant1	8.39	8.39	4.88	13.27	24	Pass
NVNT	ax80	6625	Ant2	6.84	6.84	4.84	11.67	24	Pass
NVNT	ax80	6625	Sum				15.55	24	Pass
NVNT	ax80	6785	Ant1	8.43	8.43	4.88	13.31	24	Pass
NVNT	ax80	6785	Ant2	8.16	8.16	4.84	12.99	24	Pass
NVNT	ax80	6785	Sum				16.16	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6665	Ant1	154.569
NVNT	ax160	6665	Ant2	153.273
NVNT	ax160	6825	Ant1	152.961
NVNT	ax160	6825	Ant2	153.777
NVNT	ax20	6535	Ant1	19.06
NVNT	ax20	6535	Ant2	19.024
NVNT	ax20	6695	Ant1	19.06
NVNT	ax20	6695	Ant2	19.03
NVNT	ax20	6855	Ant1	19.045
NVNT	ax20	6855	Ant2	19.033
NVNT	ax40	6565	Ant1	37.886
NVNT	ax40	6565	Ant2	37.862
NVNT	ax40	6685	Ant1	37.874
NVNT	ax40	6685	Ant2	37.862
NVNT	ax40	6845	Ant1	37.844
NVNT	ax40	6845	Ant2	37.868
NVNT	ax80	6545	Ant1	76.684
NVNT	ax80	6545	Ant2	76.228
NVNT	ax80	6625	Ant1	76.768
NVNT	ax80	6625	Ant2	76.276
NVNT	ax80	6785	Ant1	76.576
NVNT	ax80	6785	Ant2	76.708

