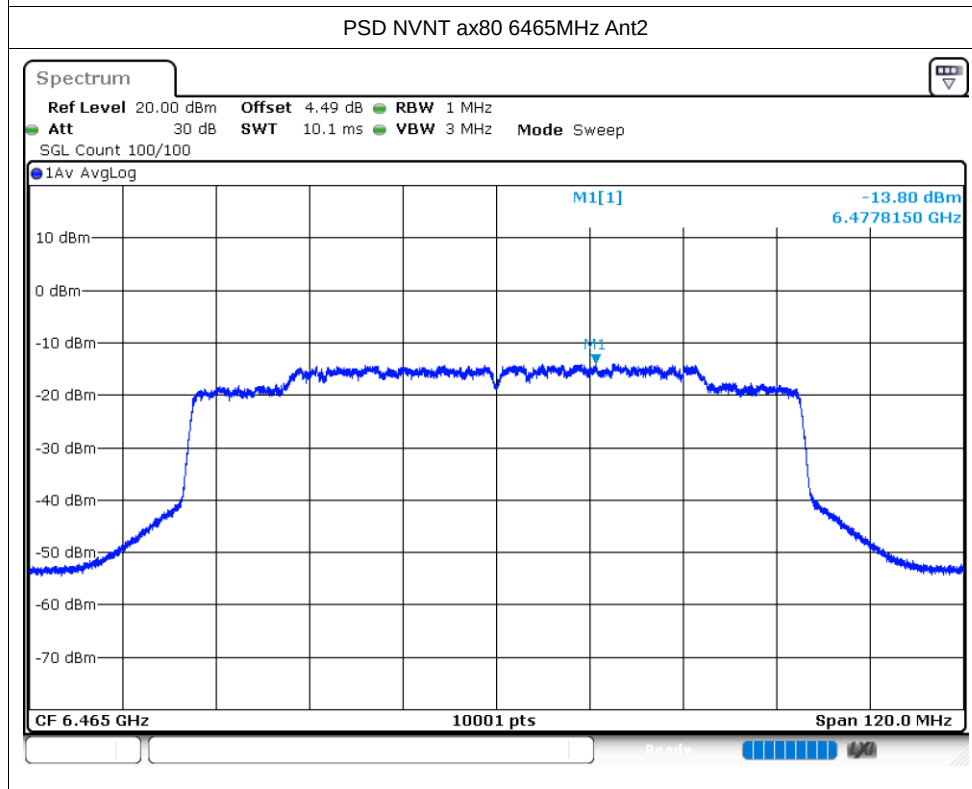
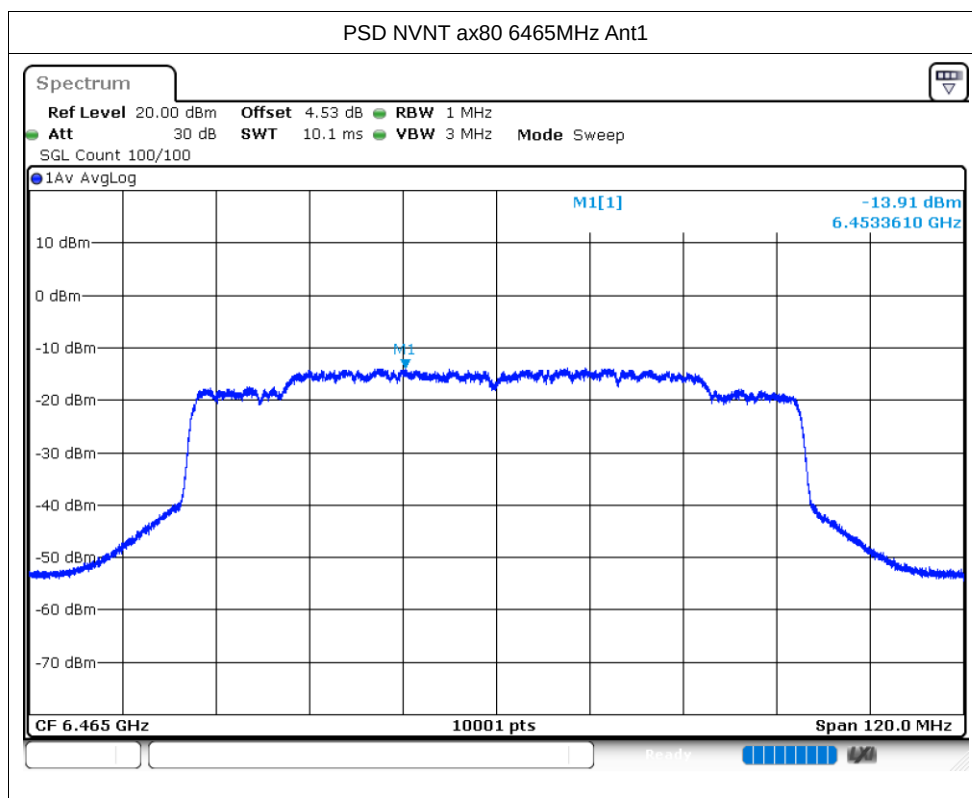


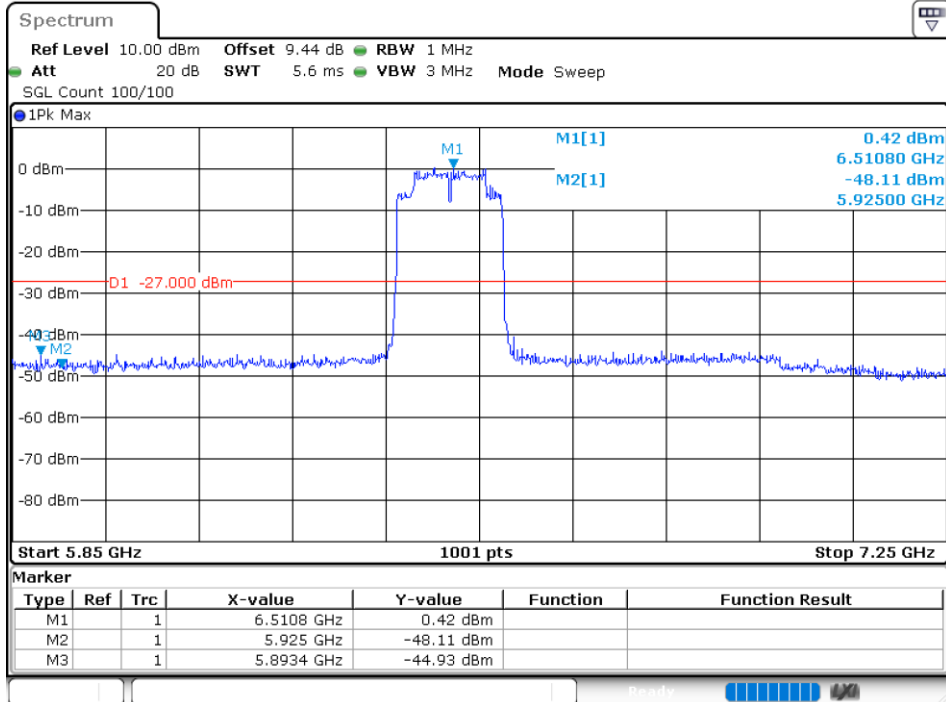


Band Edge

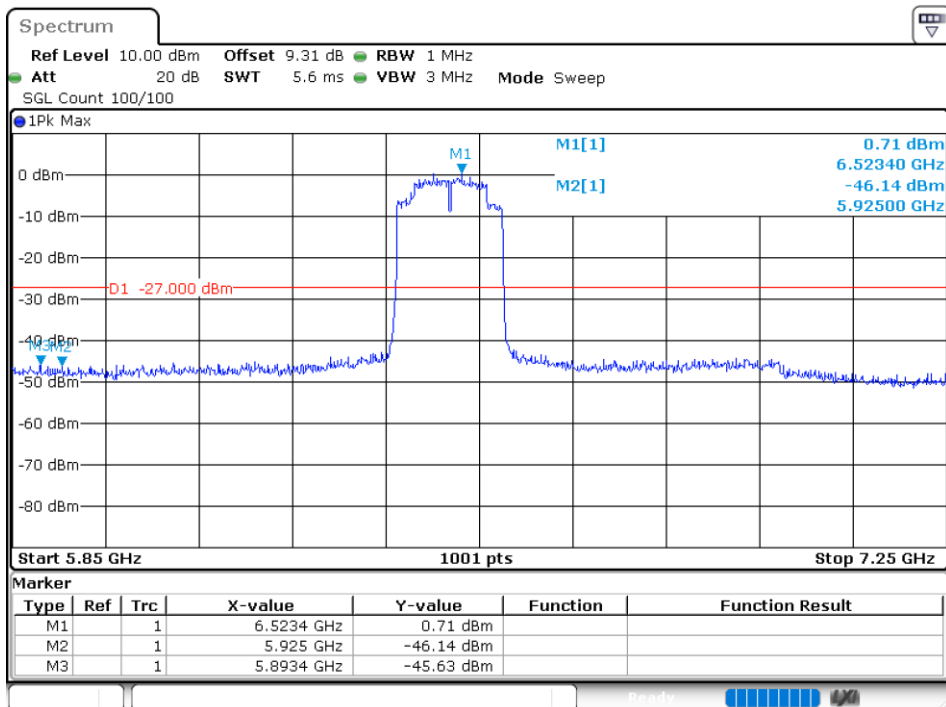
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-44.92	-27	Pass
NVNT	ax160	6505	Ant2	-45.62	-27	Pass
NVNT	ax20	6435	Ant1	-45.32	-27	Pass
NVNT	ax20	6435	Ant2	-46.56	-27	Pass
NVNT	ax20	6515	Ant1	-47.2	-27	Pass
NVNT	ax20	6515	Ant2	-47.98	-27	Pass
NVNT	ax40	6445	Ant1	-46.41	-27	Pass
NVNT	ax40	6445	Ant2	-45.22	-27	Pass
NVNT	ax40	6525	Ant1	-47.79	-27	Pass
NVNT	ax40	6525	Ant2	-47.83	-27	Pass
NVNT	ax80	6465	Ant1	-44.96	-27	Pass
NVNT	ax80	6465	Ant2	-45.6	-27	Pass

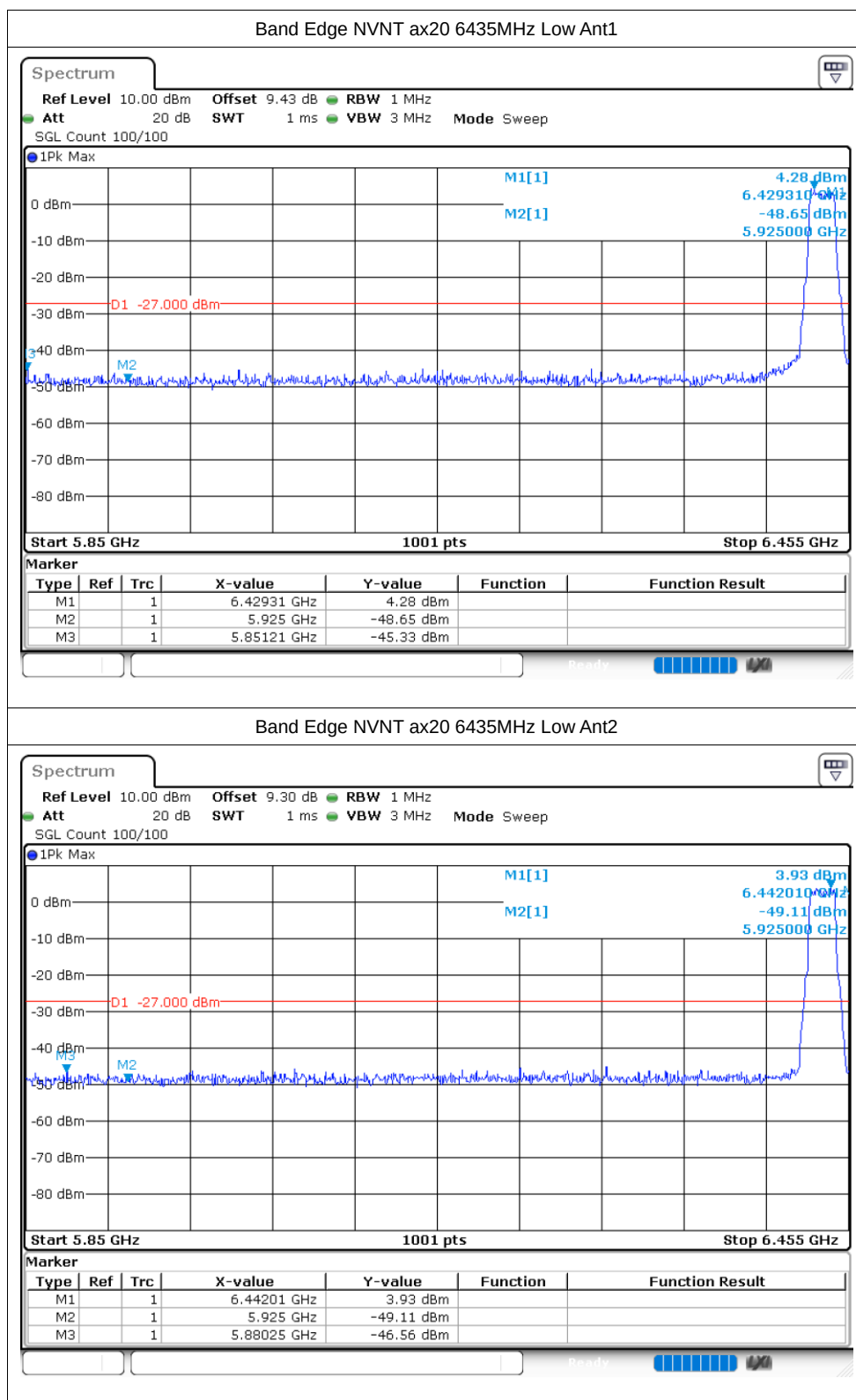
Test Graphs

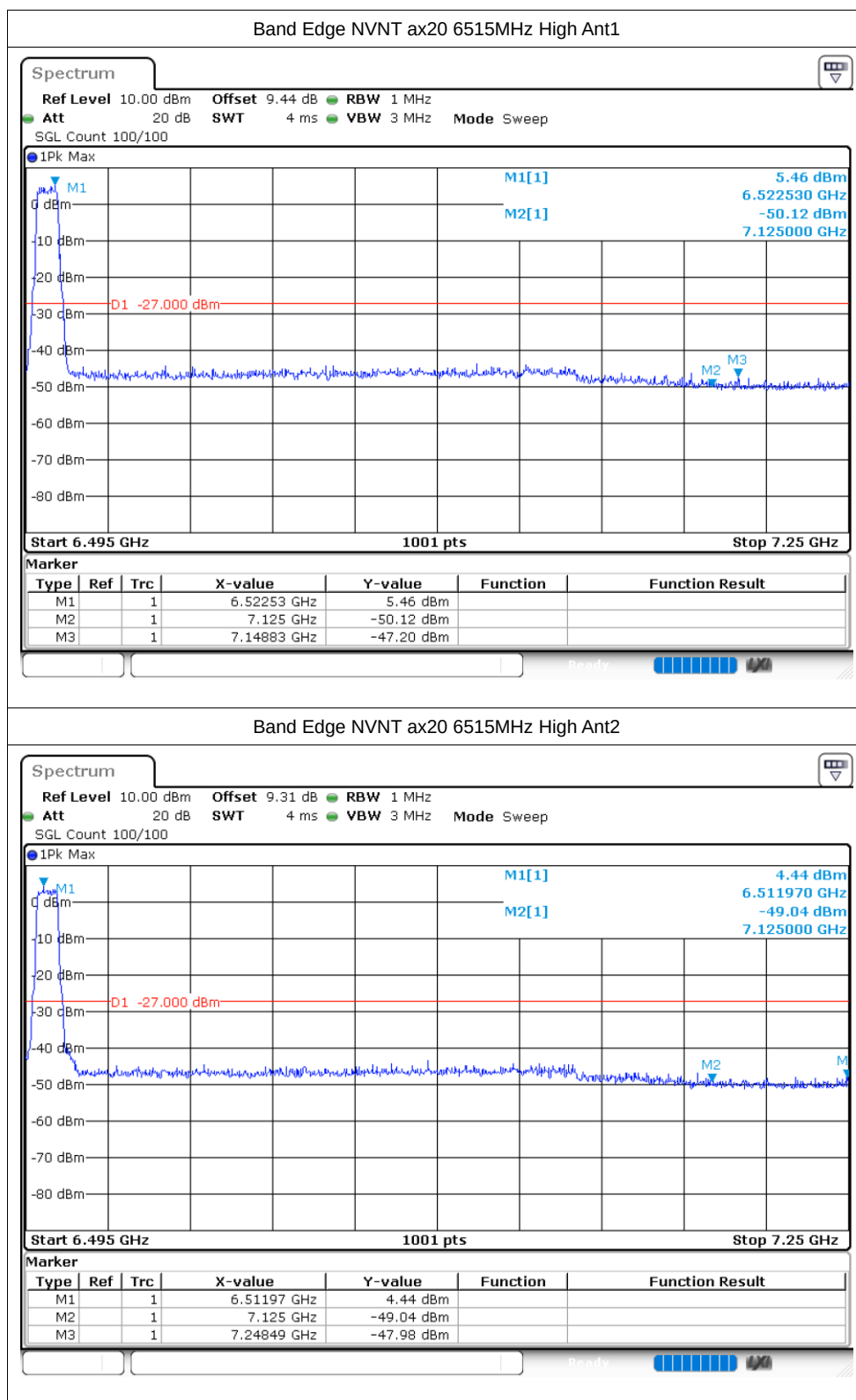
Band Edge NVNT ax160 6505MHz Low Ant1

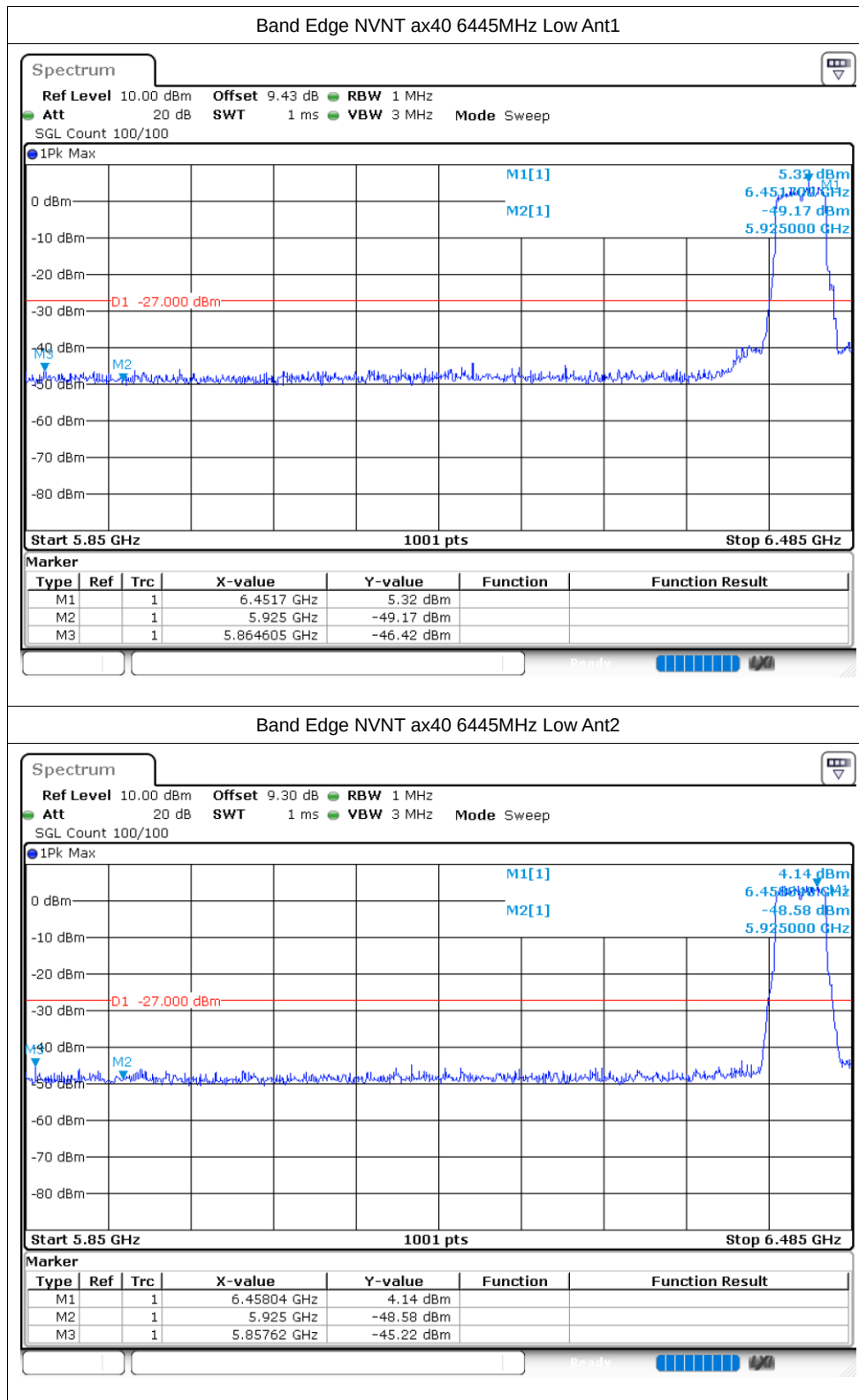


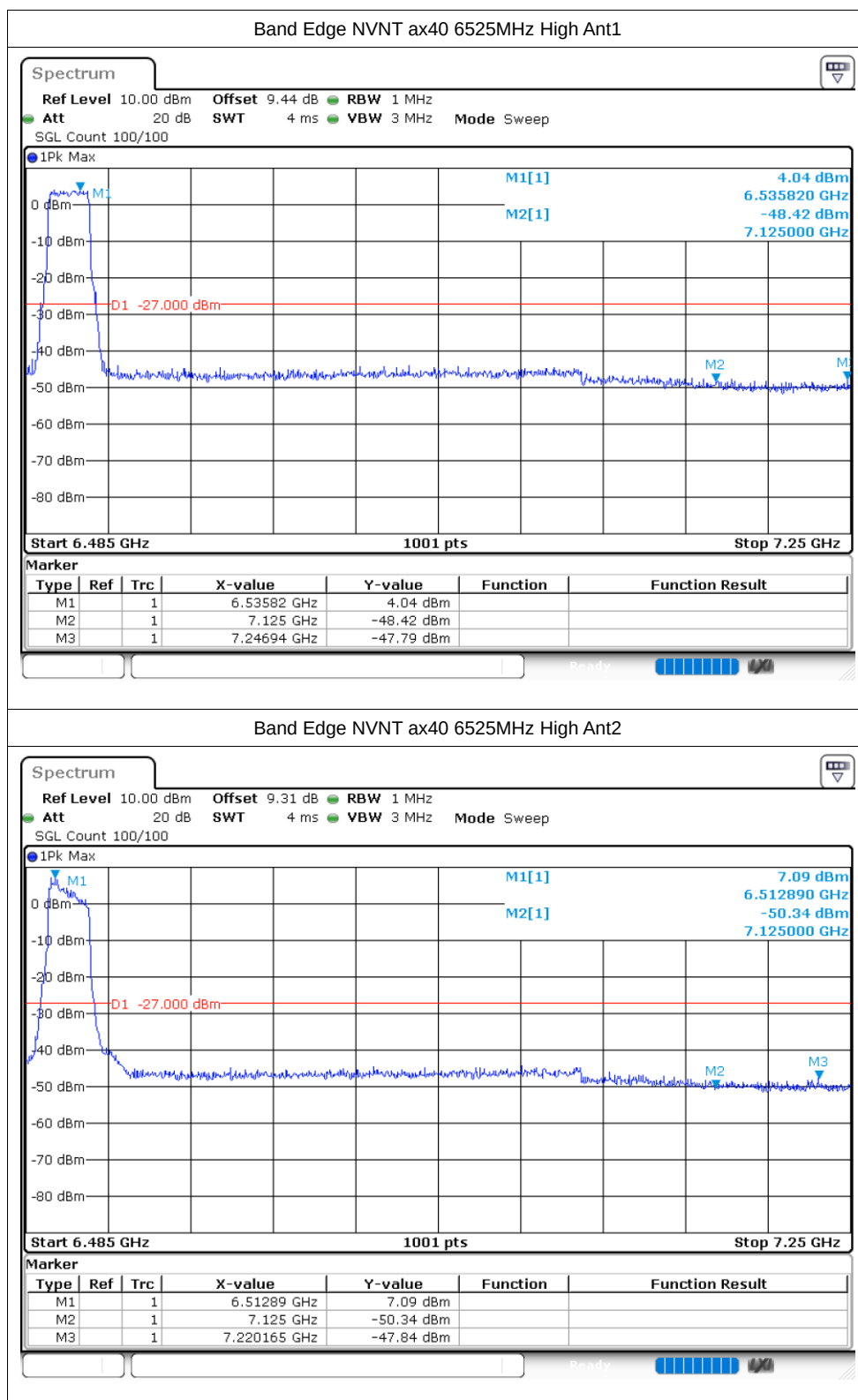
Band Edge NVNT ax160 6505MHz Low Ant2

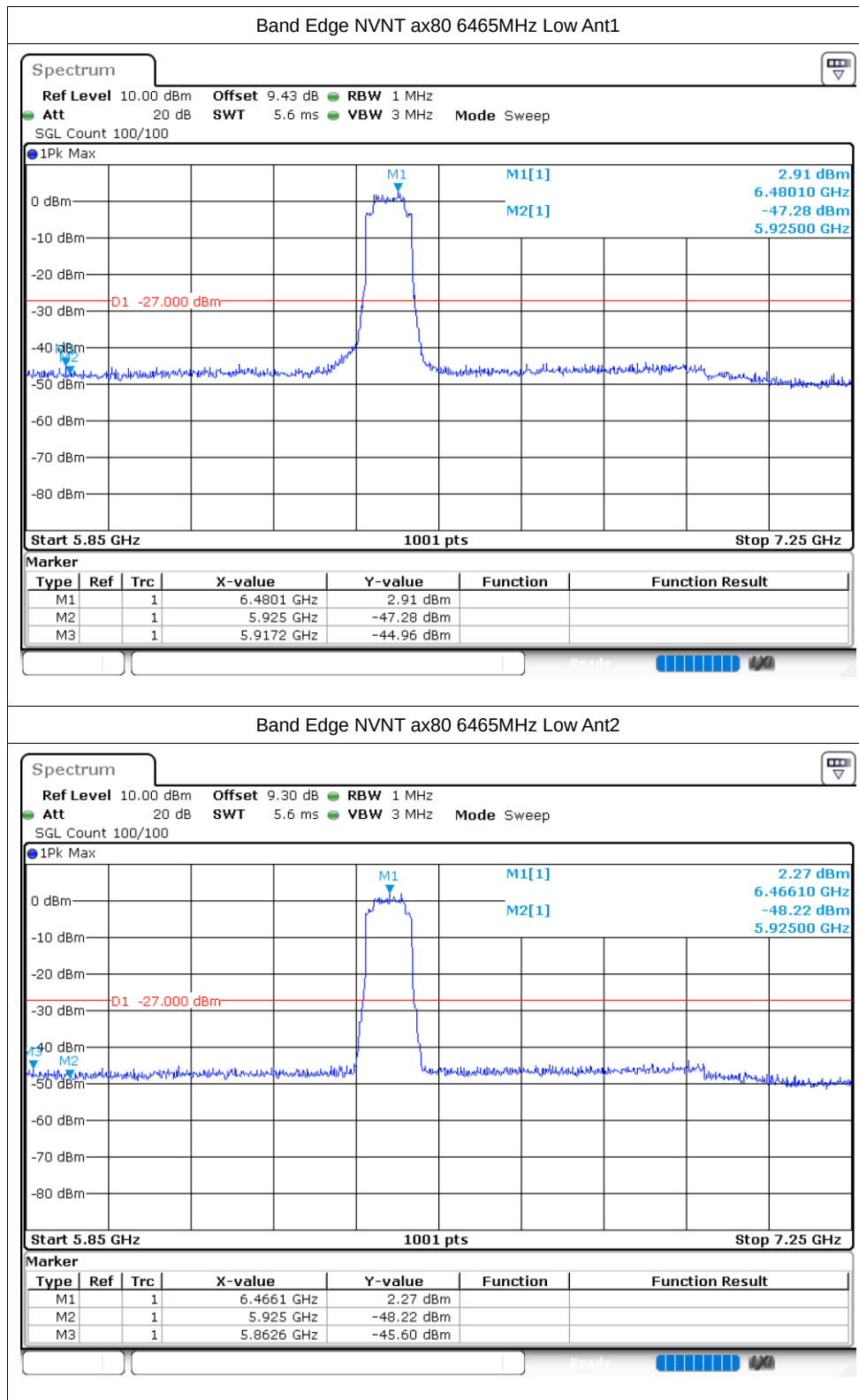










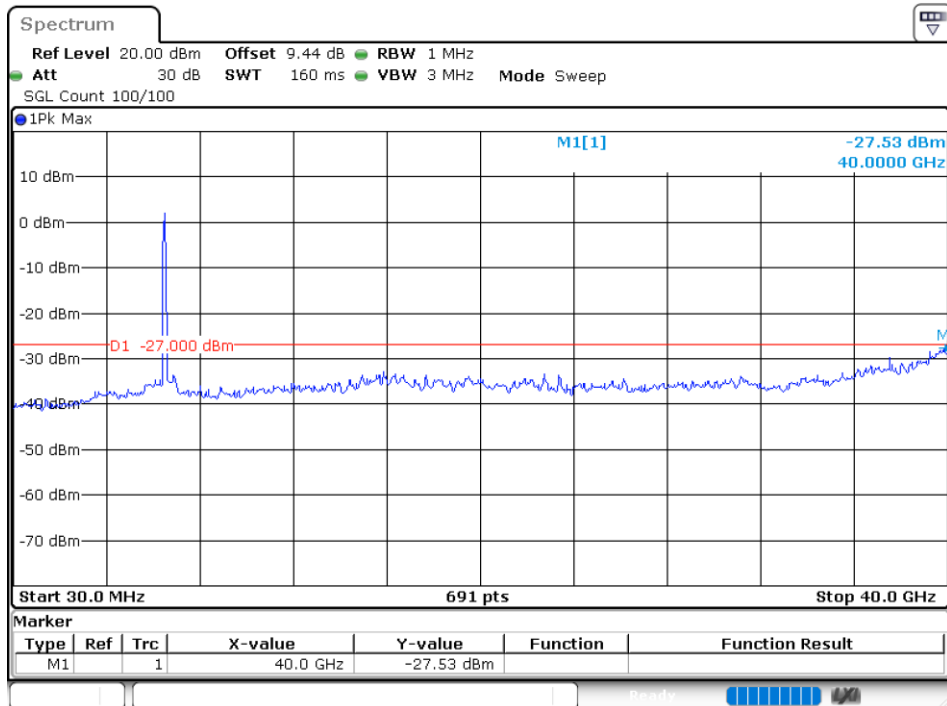


Conducted RF Spurious Emission

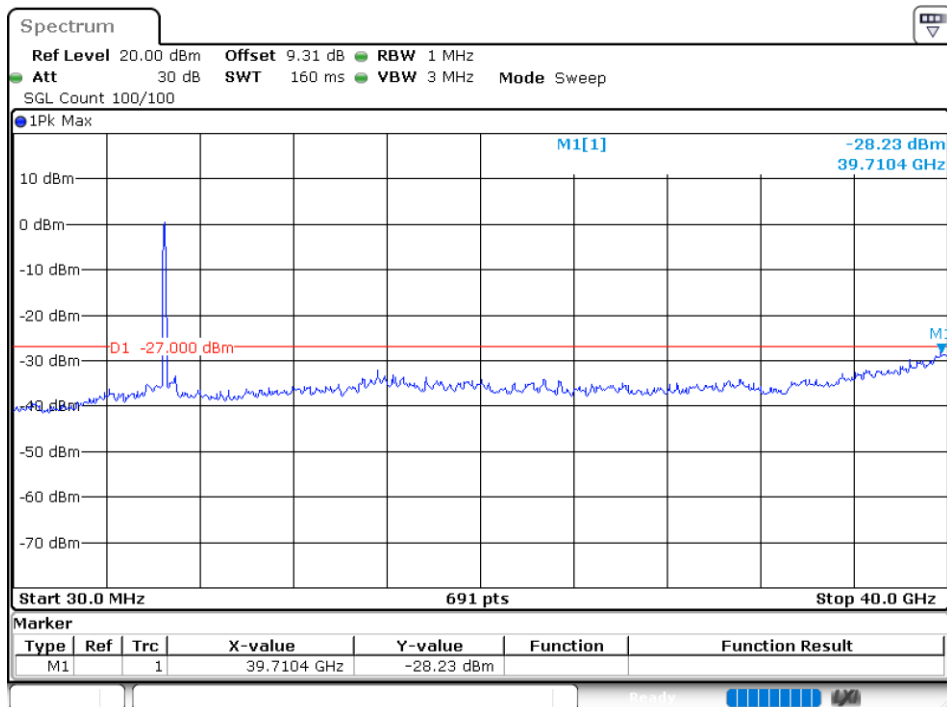
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-27.52	-27	Pass
NVNT	ax160	6505	Ant2	-28.23	-27	Pass
NVNT	ax20	6435	Ant1	-38.6	-27	Pass
NVNT	ax20	6435	Ant2	-37.45	-27	Pass
NVNT	ax20	6475	Ant1	-38.02	-27	Pass
NVNT	ax20	6475	Ant2	-38.6	-27	Pass
NVNT	ax20	6515	Ant1	-38.54	-27	Pass
NVNT	ax20	6515	Ant2	-39.03	-27	Pass
NVNT	ax40	6445	Ant1	-27.03	-27	Pass
NVNT	ax40	6445	Ant2	-27.39	-27	Pass
NVNT	ax40	6485	Ant1	-28.56	-27	Pass
NVNT	ax40	6485	Ant2	-29.33	-27	Pass
NVNT	ax40	6525	Ant1	-38.24	-27	Pass
NVNT	ax40	6525	Ant2	-38.29	-27	Pass
NVNT	ax80	6465	Ant1	-38.42	-27	Pass
NVNT	ax80	6465	Ant2	-38.39	-27	Pass

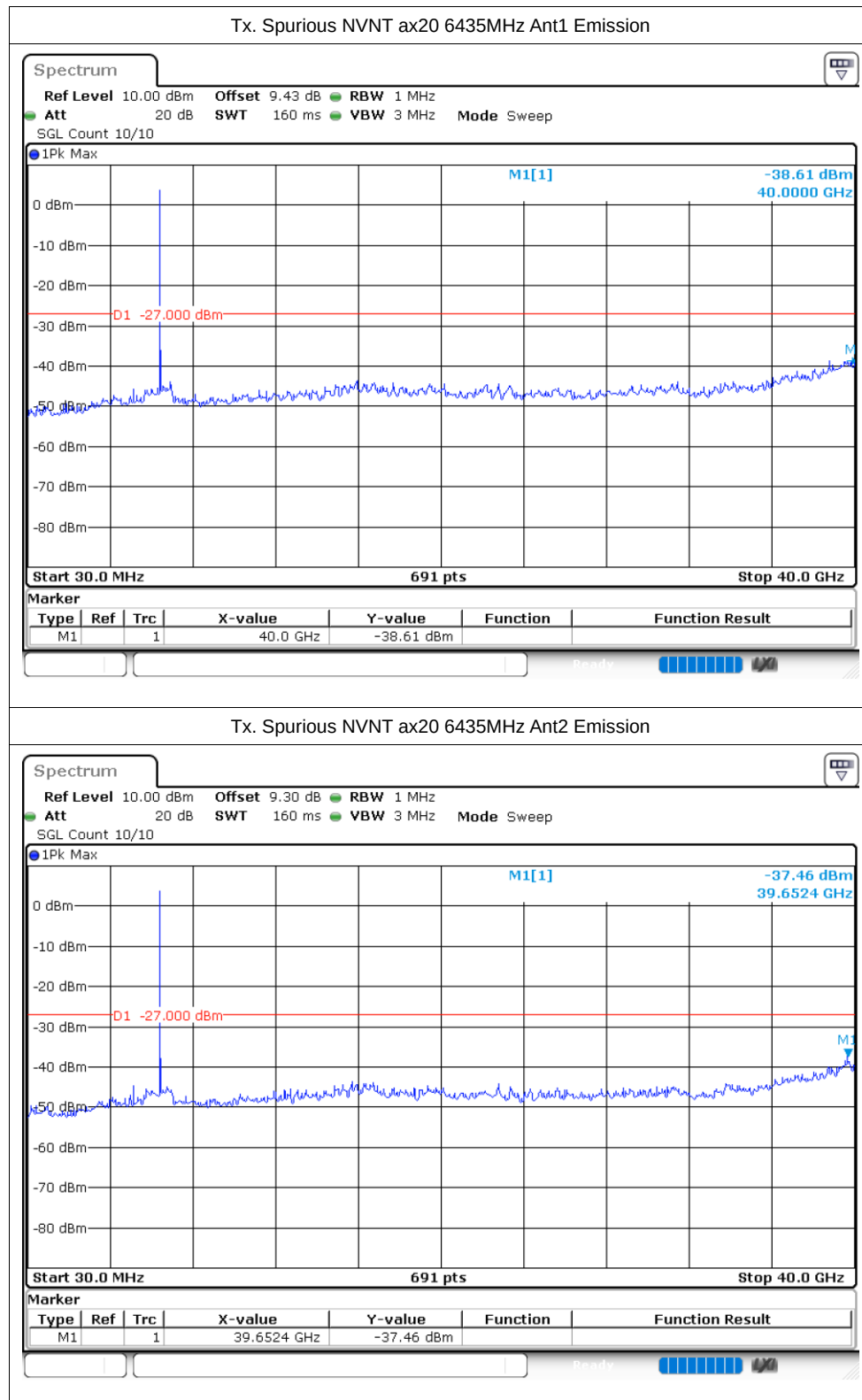
Test Graphs

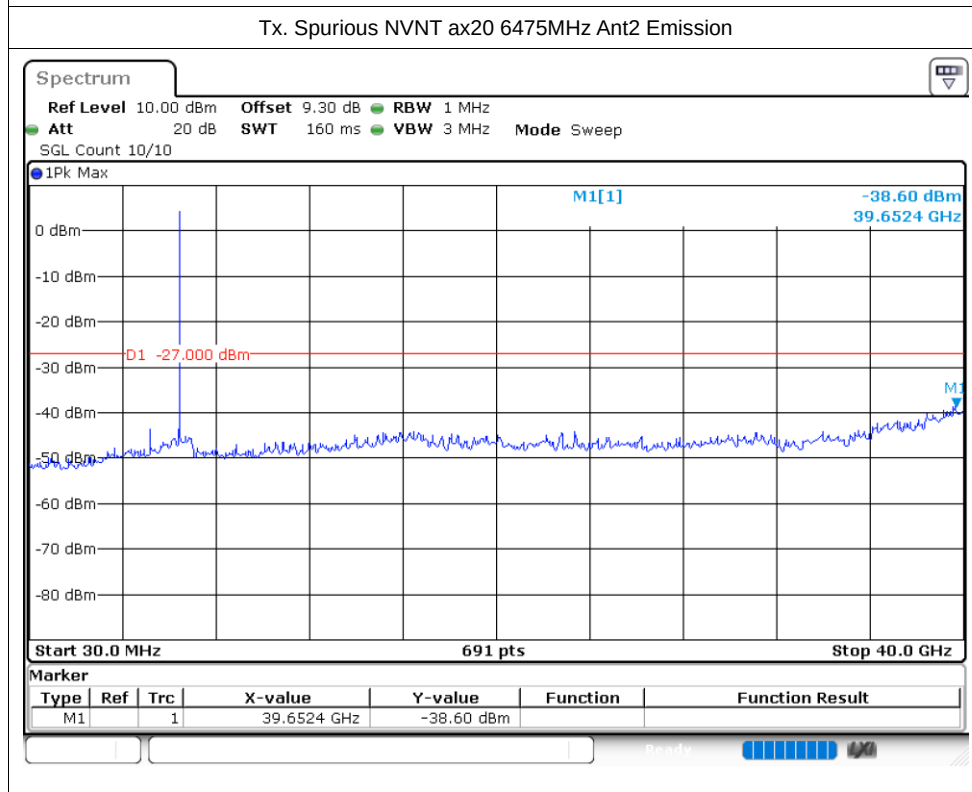
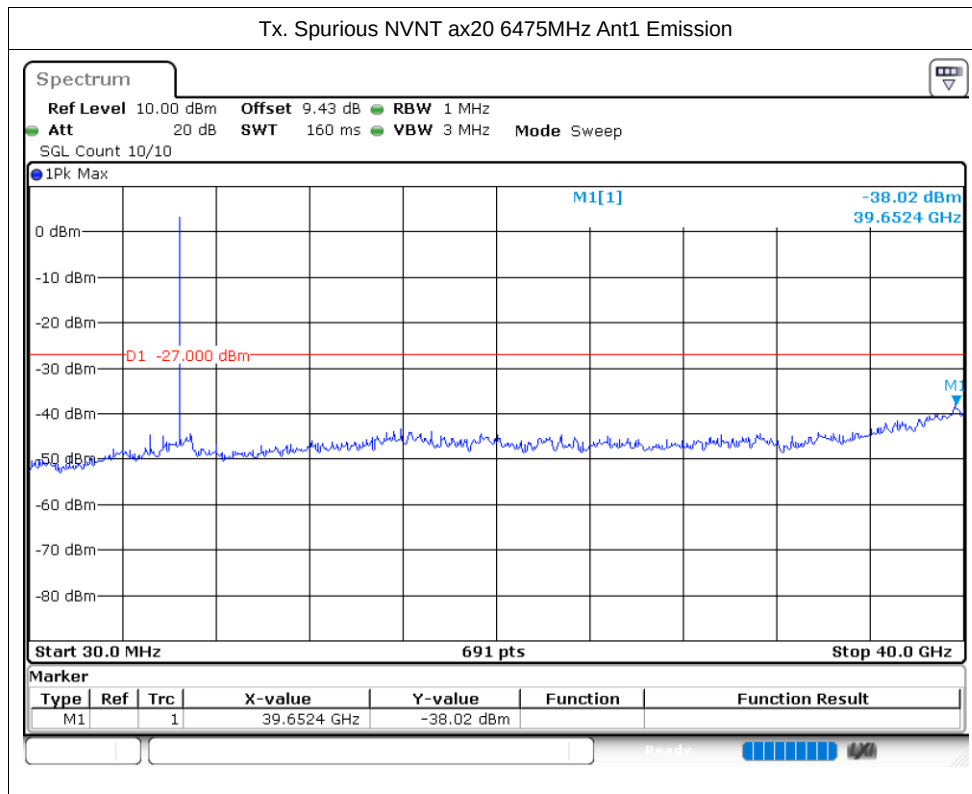
Tx. Spurious NVNT ax160 6505MHz Ant1 Emission

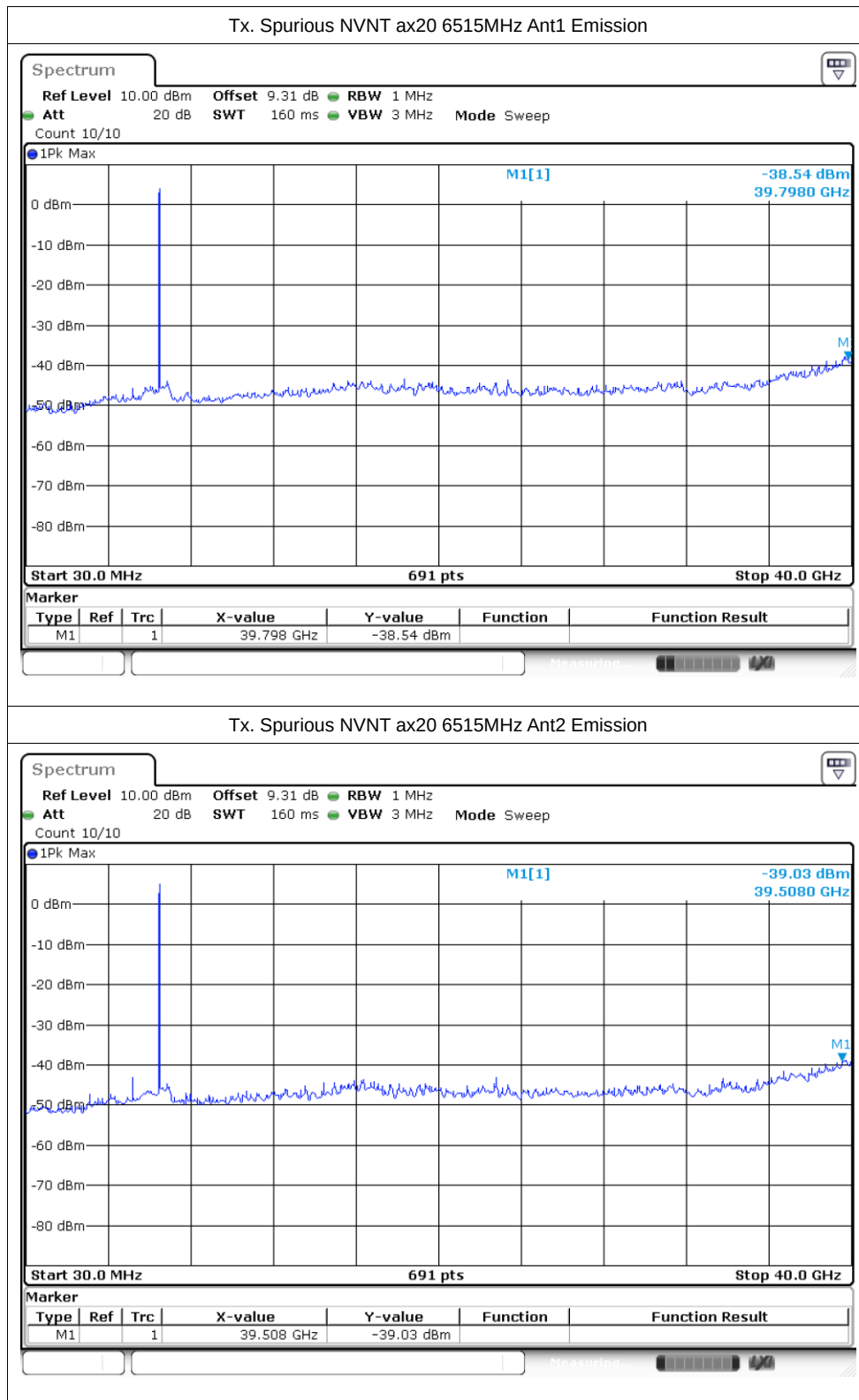


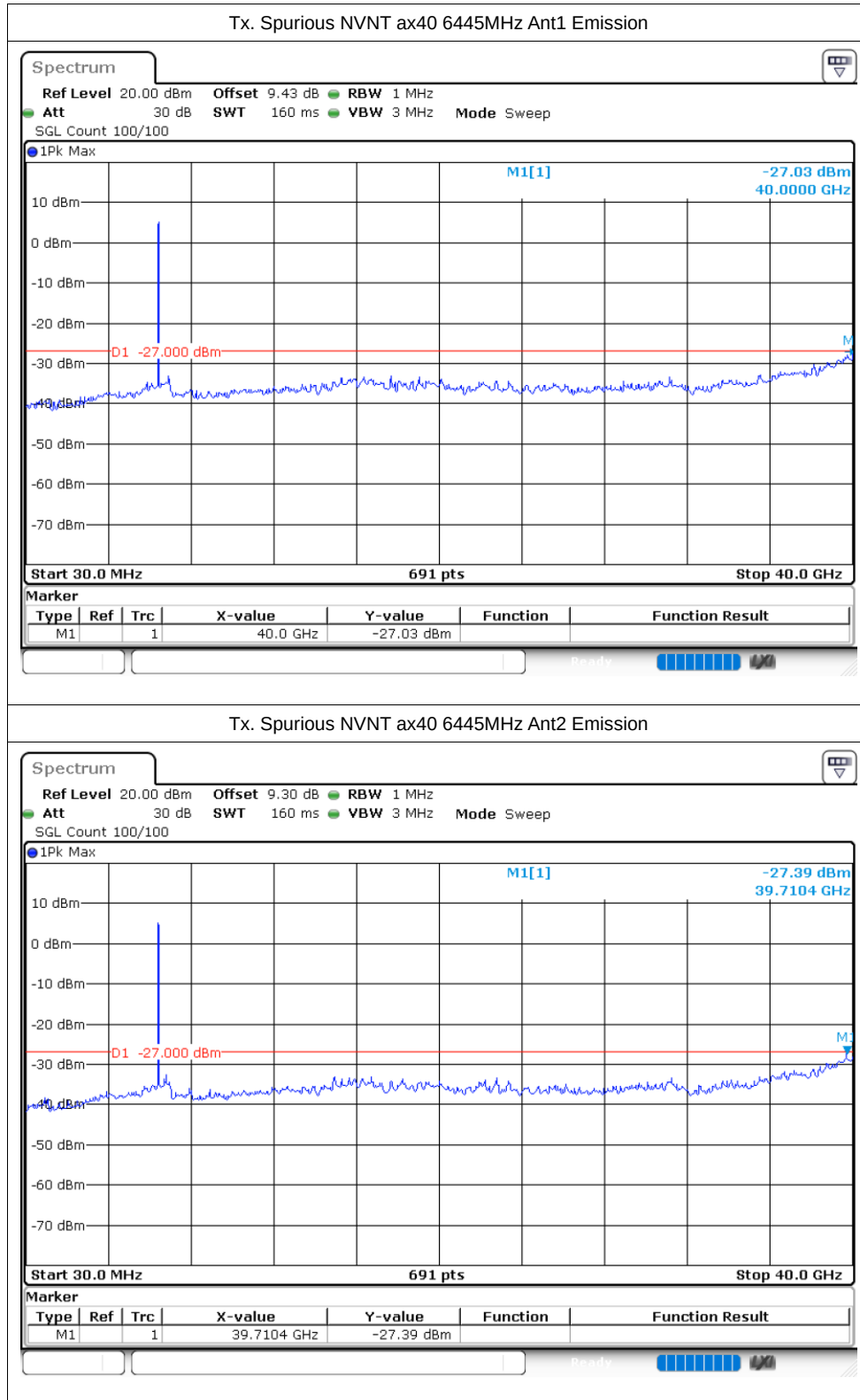
Tx. Spurious NVNT ax160 6505MHz Ant2 Emission

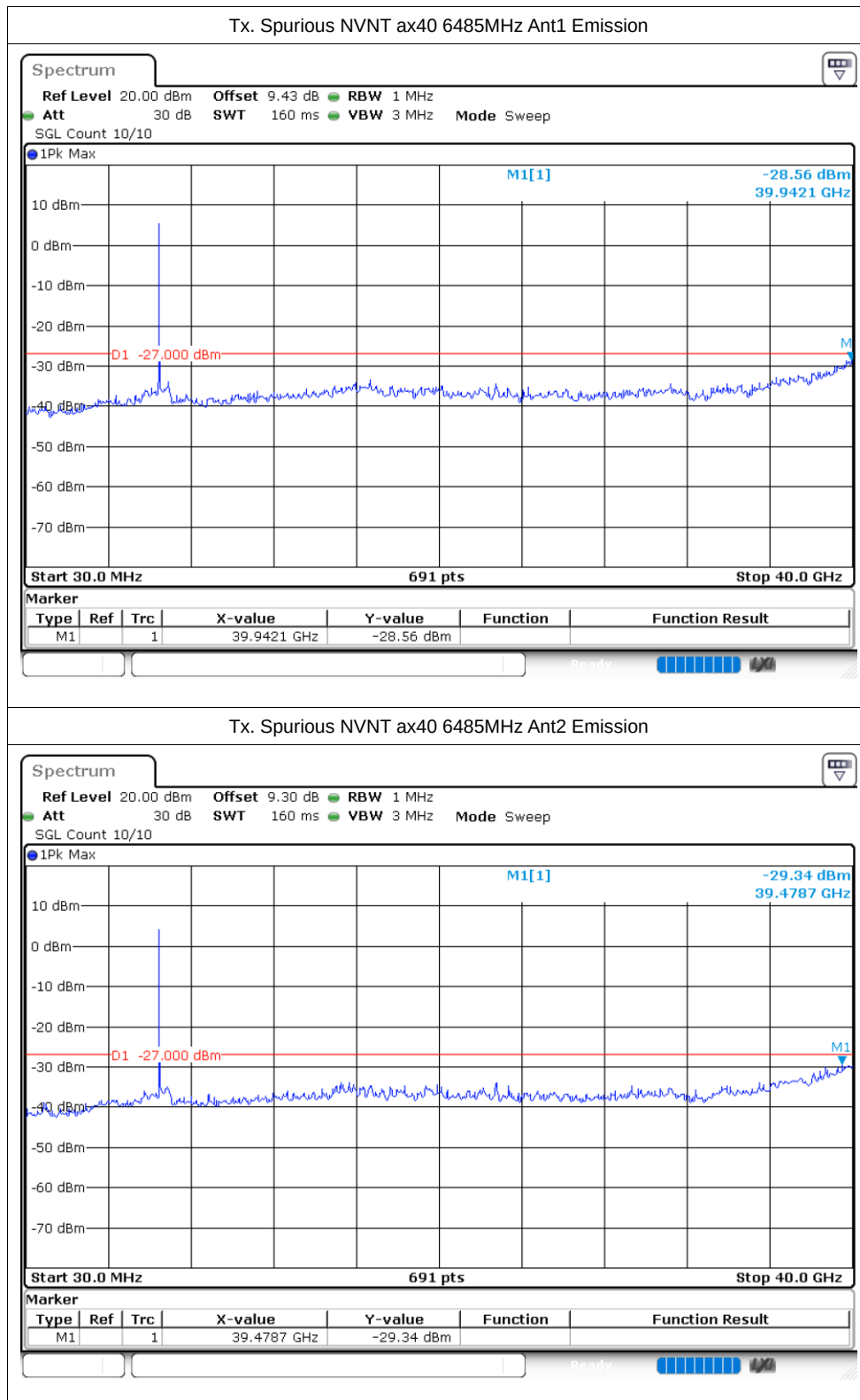


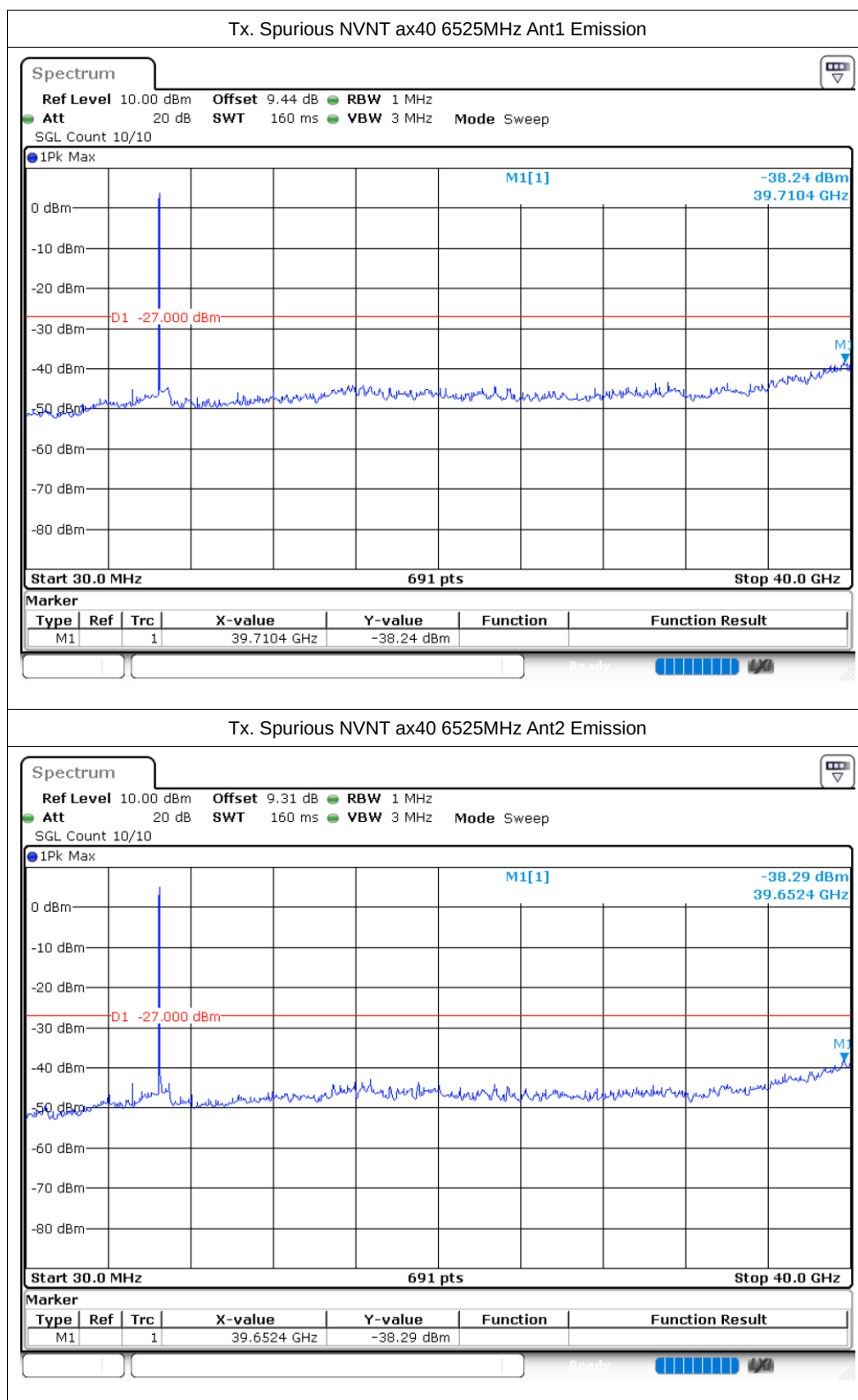


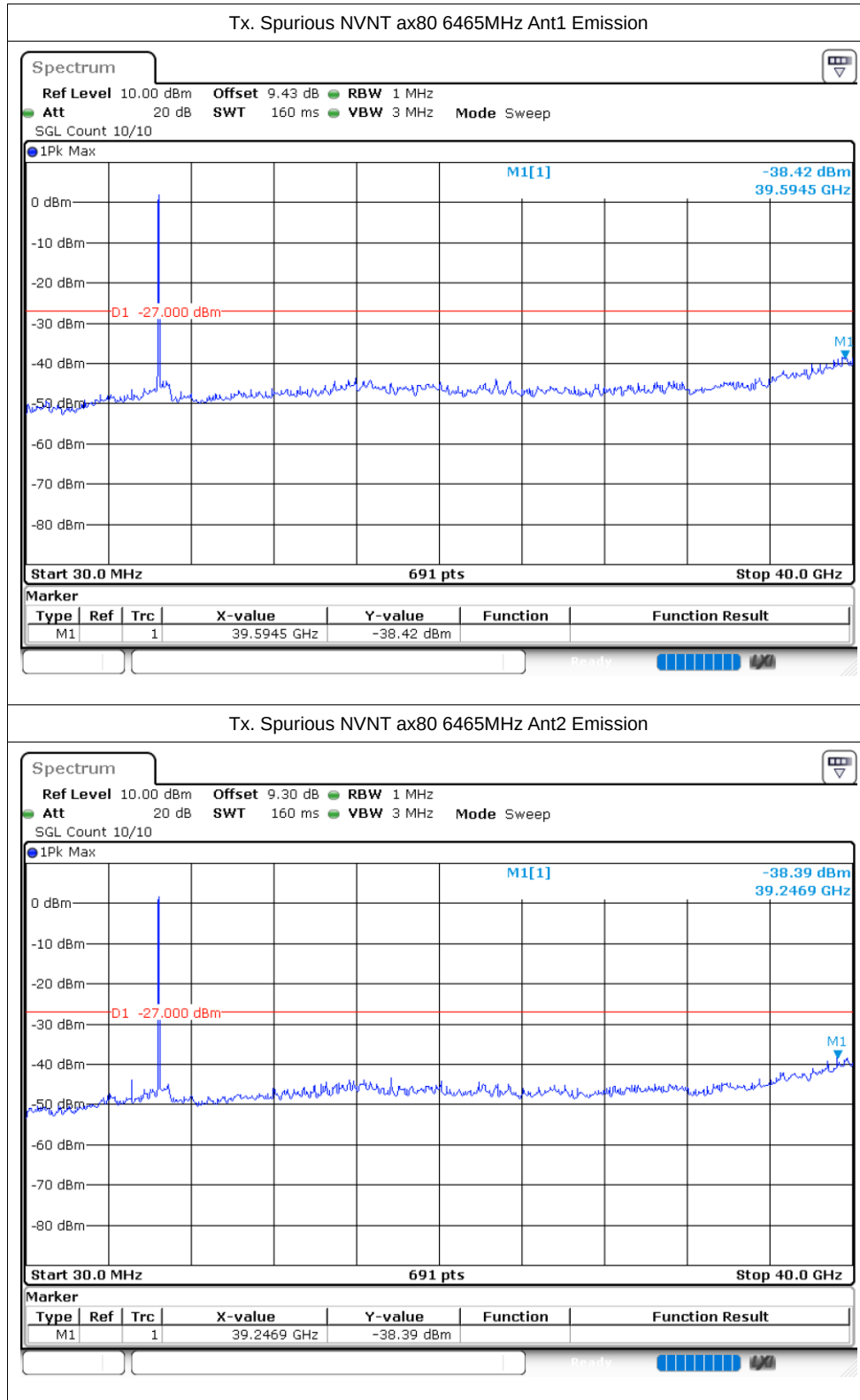










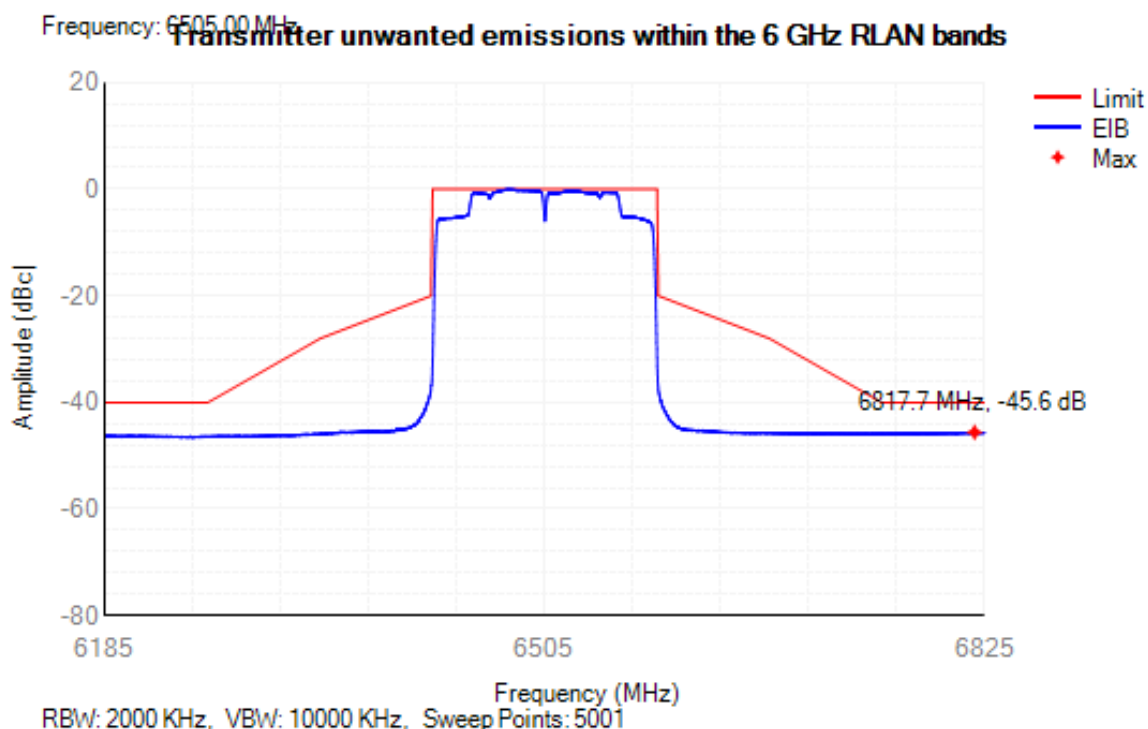


Power spectral mask

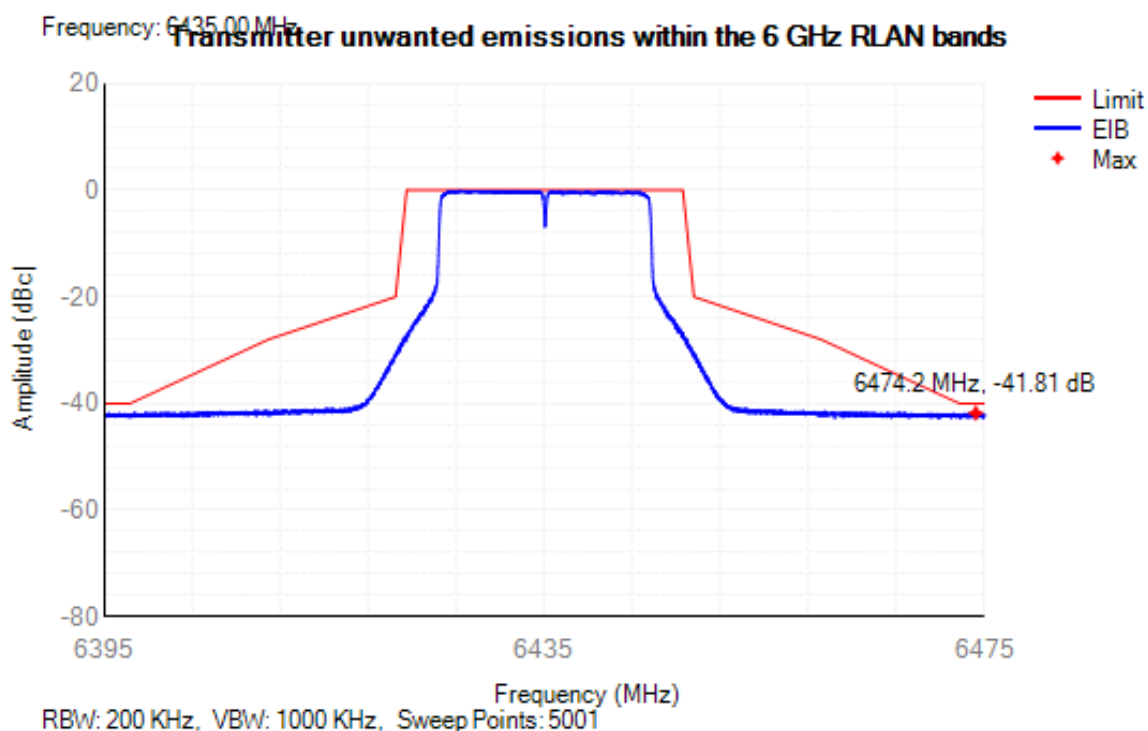
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6505	Sum	Band1	6817.7	-45.6	-40	Pass
NVNT	ax20	6435	Sum	Band1	6474.2	-41.81	-40	Pass
NVNT	ax20	6475	Sum	Band1	6437.43	-50.25	-40	Pass
NVNT	ax20	6515	Sum	Band1	6552.71	-41.68	-40	Pass
NVNT	ax40	6445	Sum	Band1	6374.28	-41.6	-40	Pass
NVNT	ax40	6485	Sum	Band1	6461.61	-26.37	-20.02	Pass
NVNT	ax40	6525	Sum	Band1	6600.78	-41.04	-40	Pass
NVNT	ax80	6465	Sum	Band1	6621.8	-48.04	-40	Pass

Test Graphs

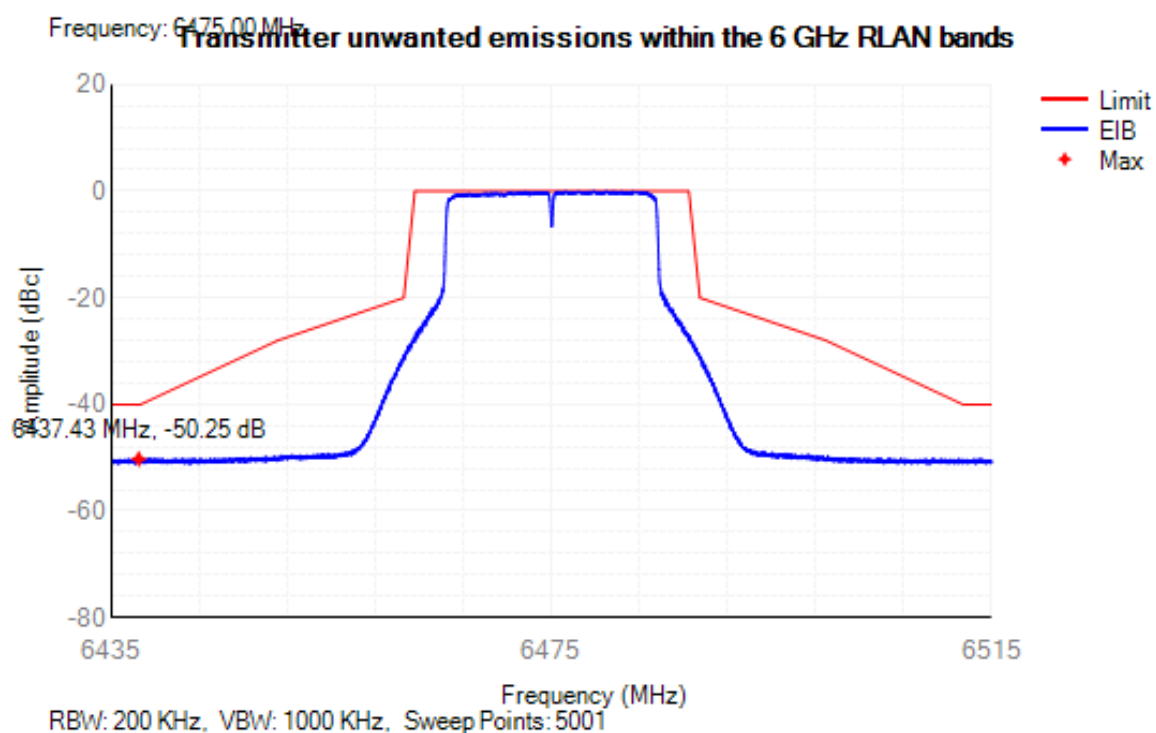
Power spectral mask NVNT ax160 6505MHz



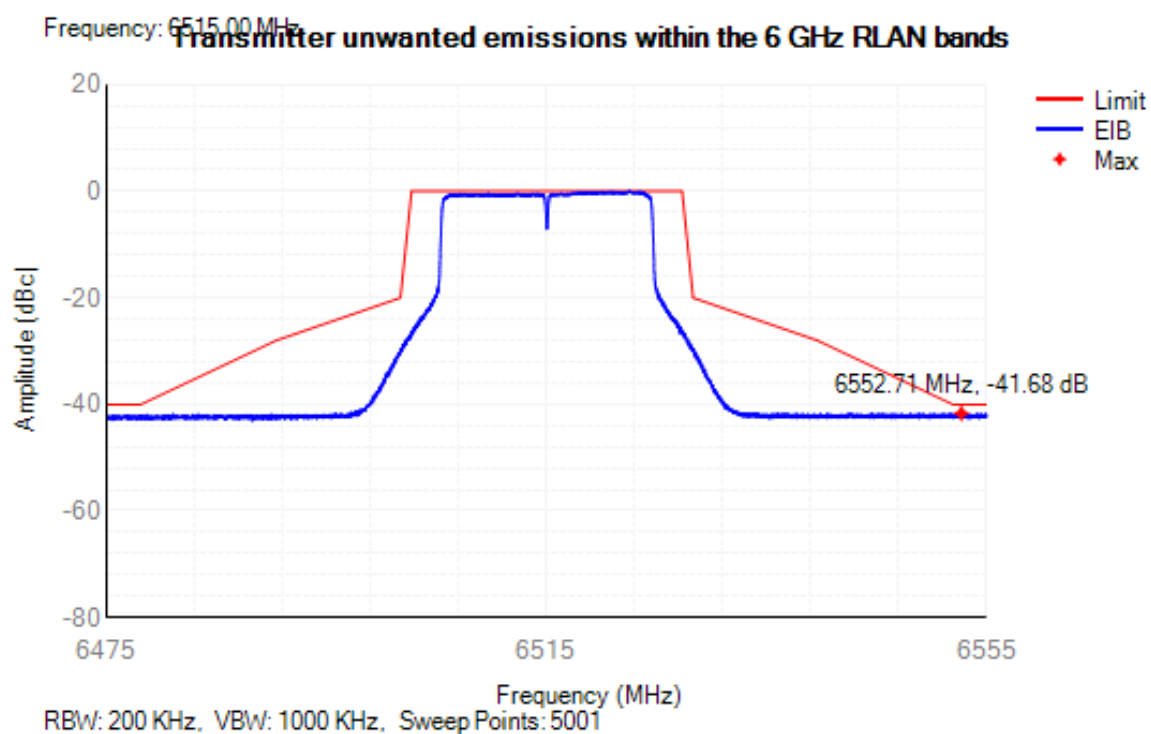
Power spectral mask NVNT ax20 6435MHz



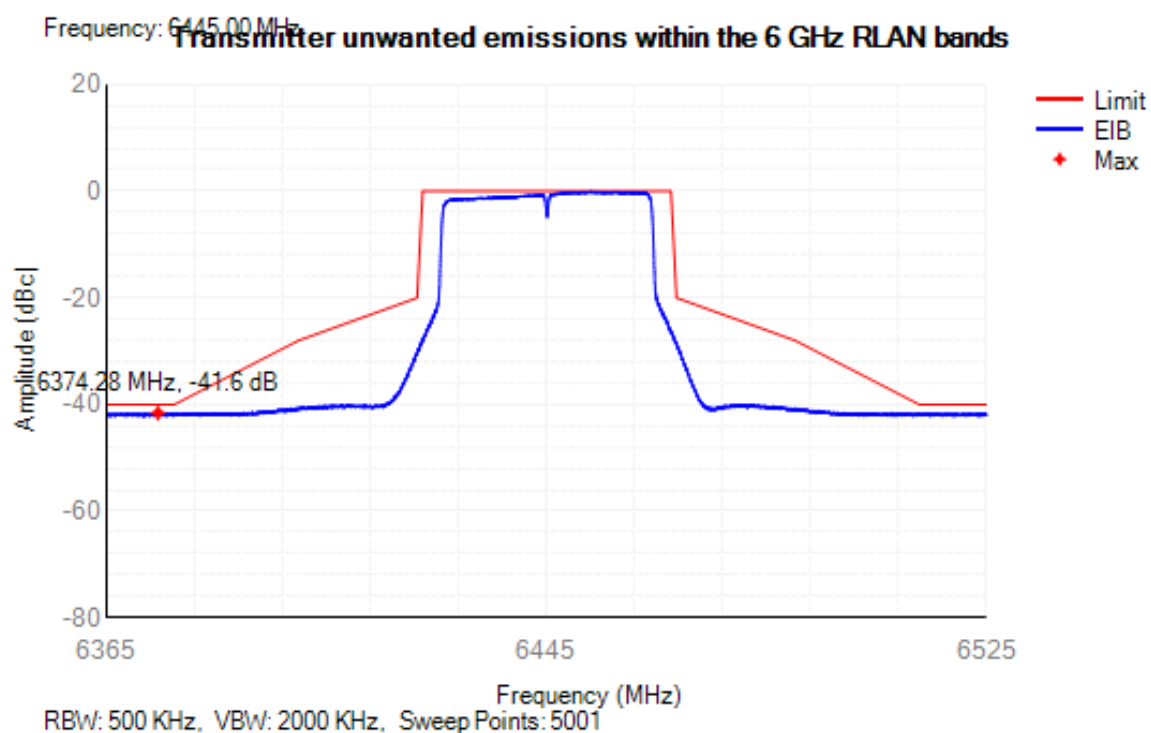
Power spectral mask NVNT ax20 6475MHz



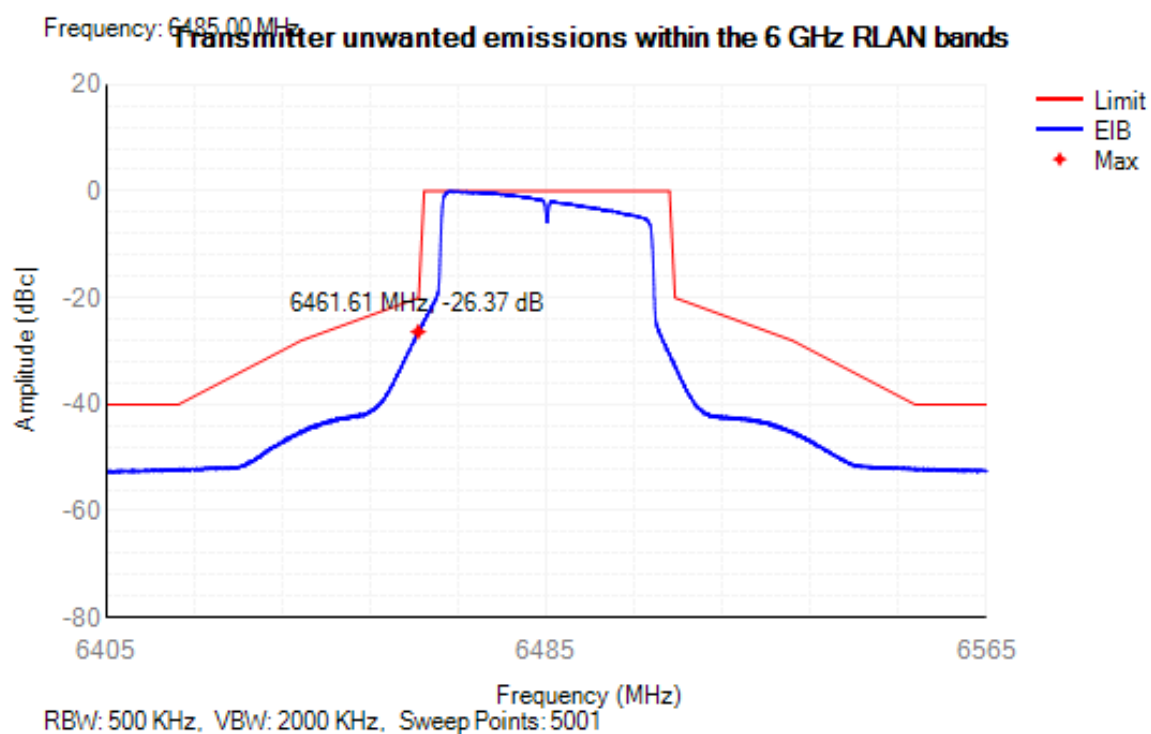
Power spectral mask NVNT ax20 6515MHz



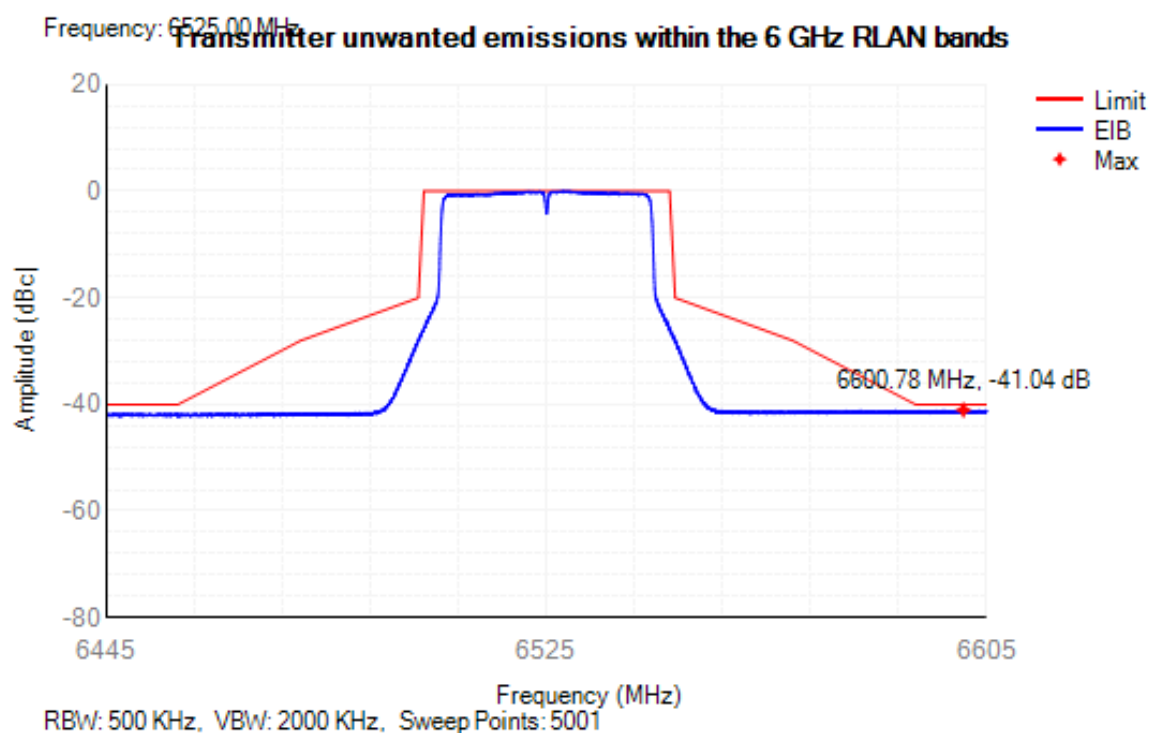
Power spectral mask NVNT ax40 6445MHz



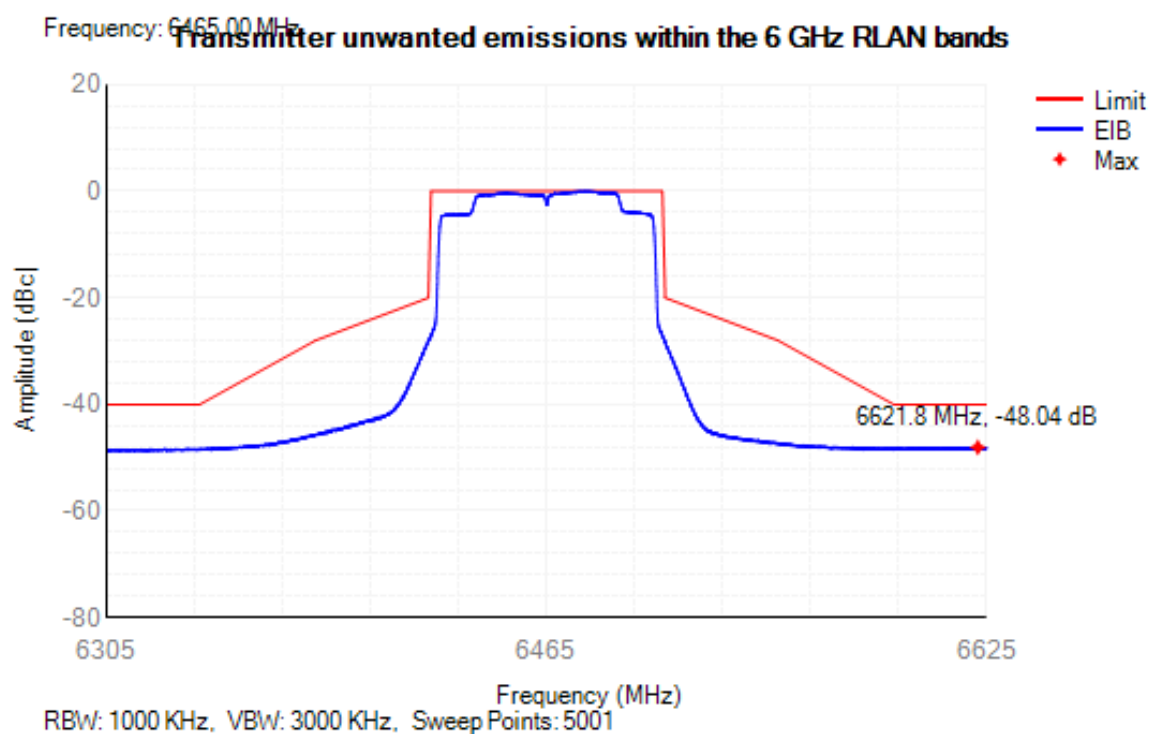
Power spectral mask NVNT ax40 6485MHz



Power spectral mask NVNT ax40 6525MHz



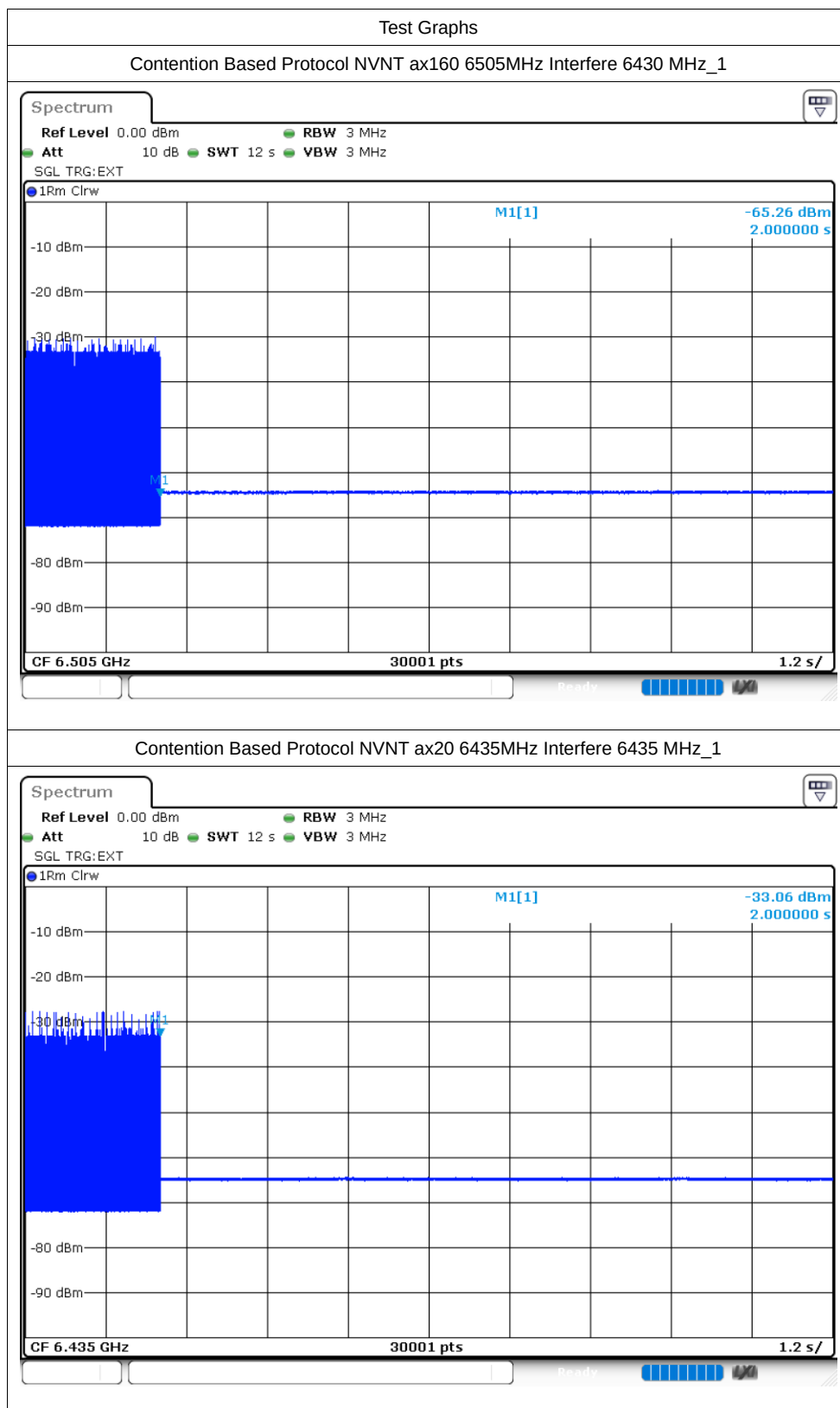
Power spectral mask NVNT ax80 6465MHz

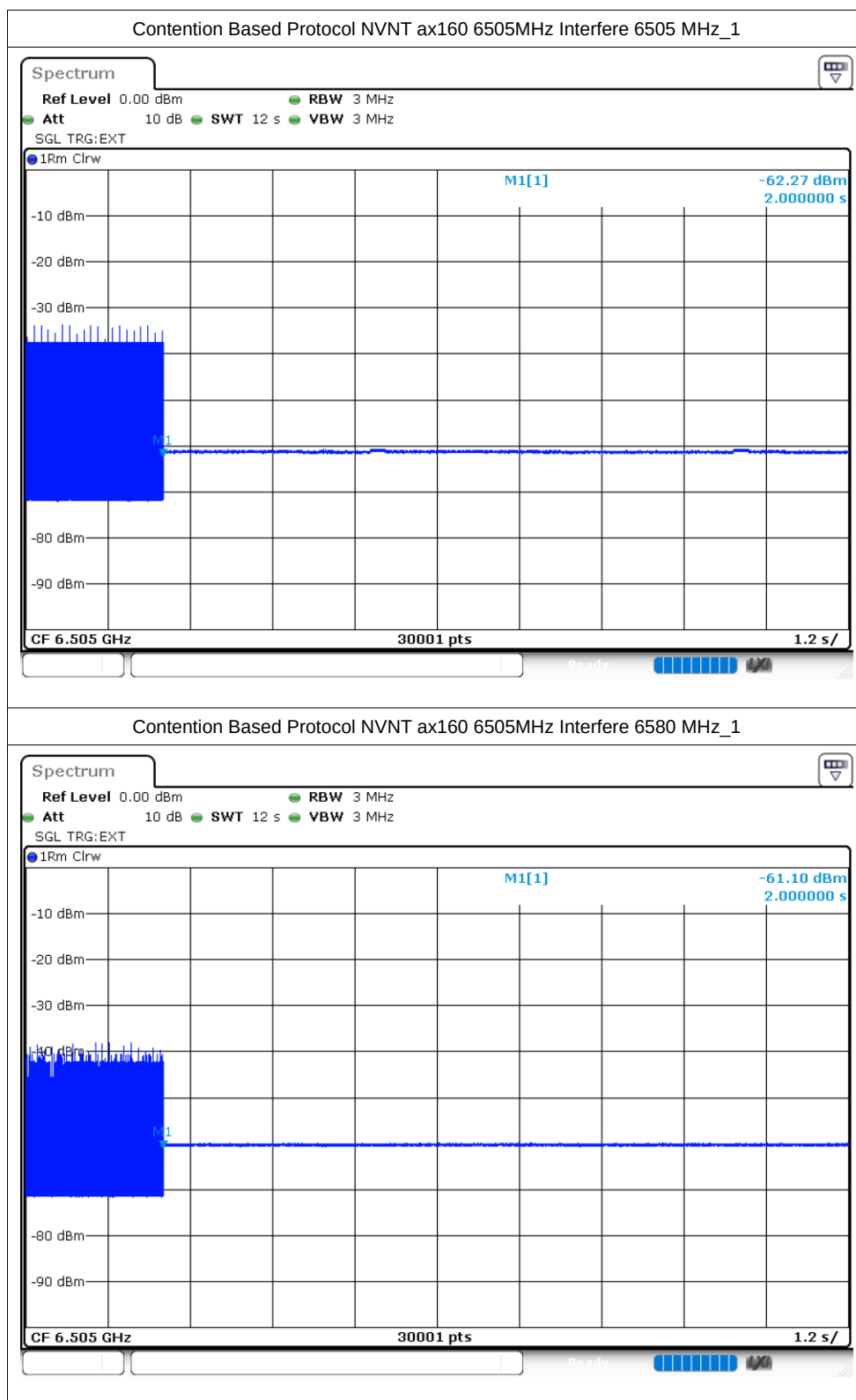


Contention Based Protocol

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)	97	6435	6435	-64.88	OFF	-67.36	-62	10	100	>90	PASS
				-65.75	Minimal	-68.23					
				-66.77	ON	-69.25					

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)	111	6505	6430	-63.62	OFF	-66.09	-62	10	100	>90	PASS
				-64.61	Minimal	-67.08					
				-65.57	ON	-68.04					
			6505	-63.16	OFF	-65.63	-62	10	100	>90	PASS
				-64.44	Minimal	-66.91					
				-65.55	ON	-68.02					
			6580	-63.73	OFF	-66.2	-62	10	100	>90	PASS
				-65.02	Minimal	-67.49					
				-66.16	ON	-68.63					



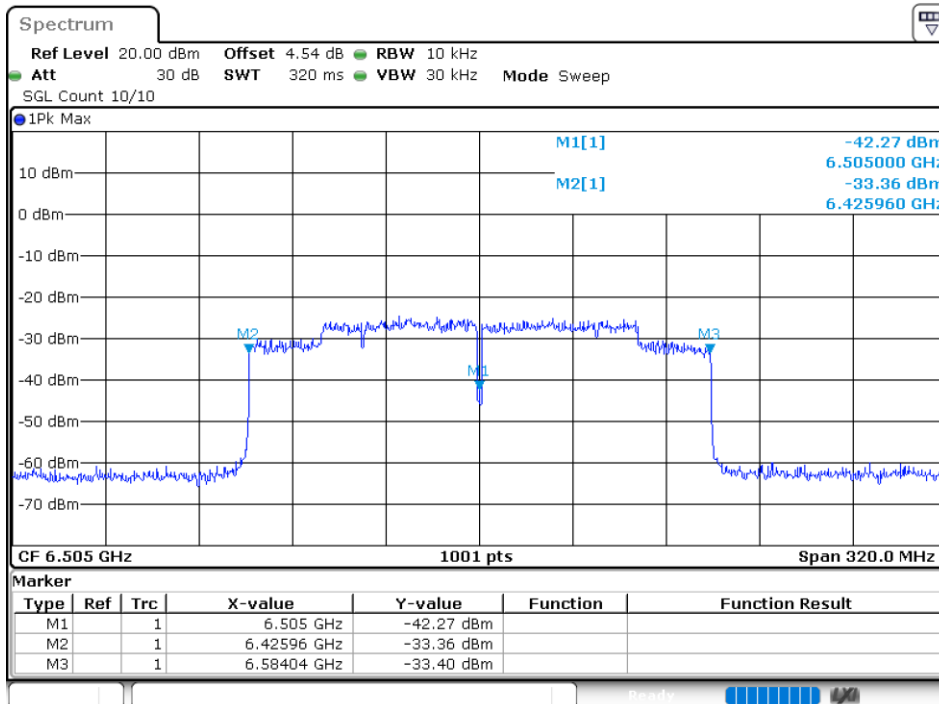


Frequency Stability

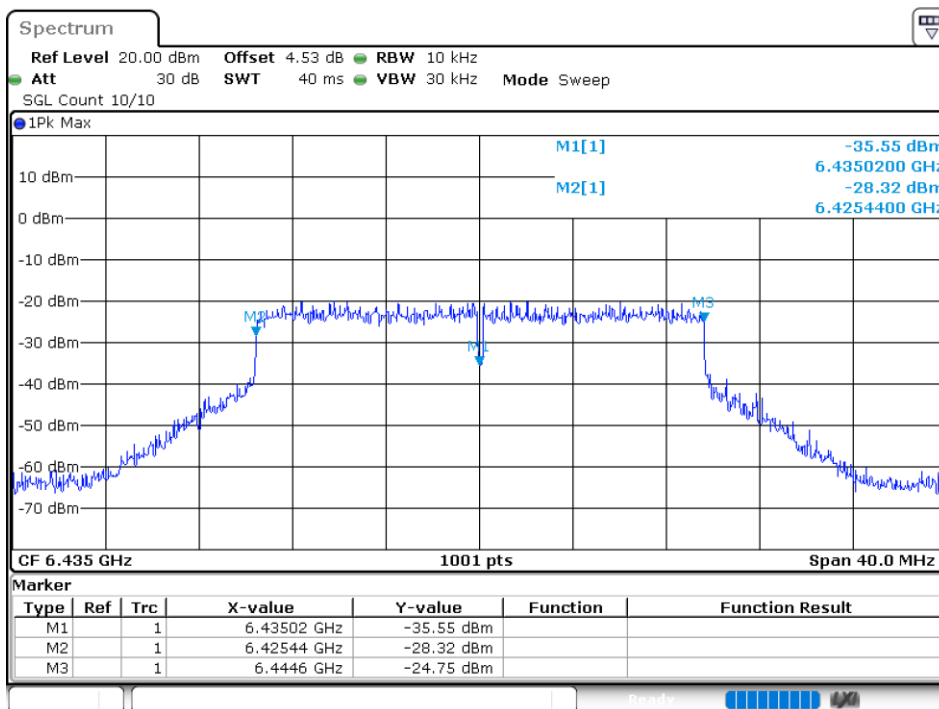
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6505	Ant1	6505	0	0	25	Pass
NVNT	ax20	0	6435	Ant1	6435.02	20000	3.11	25	Pass
NVNT	ax20	0	6475	Ant1	6474.98	-20000	-3.09	25	Pass
NVNT	ax20	0	6515	Ant1	6515.02	20000	3.07	25	Pass
NVNT	ax40	0	6445	Ant1	6445.08	80000	12.41	25	Pass
NVNT	ax40	0	6485	Ant1	6484.92	-80000	-12.34	25	Pass
NVNT	ax40	0	6525	Ant1	6525	0	0	25	Pass
NVNT	ax80	0	6465	Ant1	6465.08	80000	12.37	25	Pass

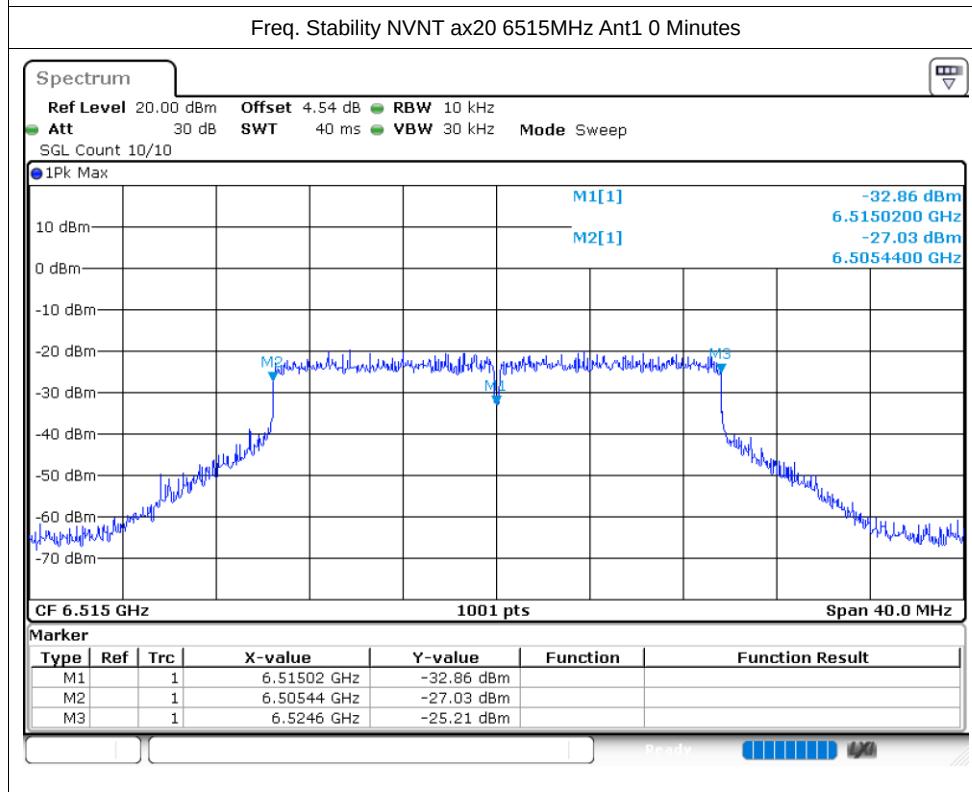
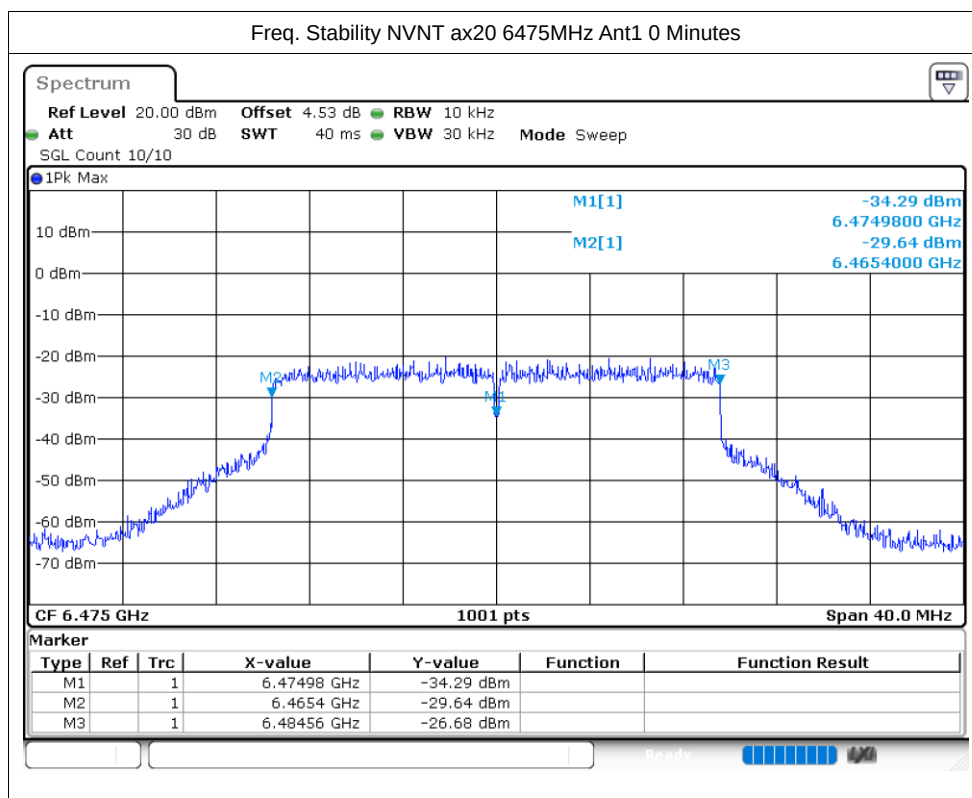
Test Graphs

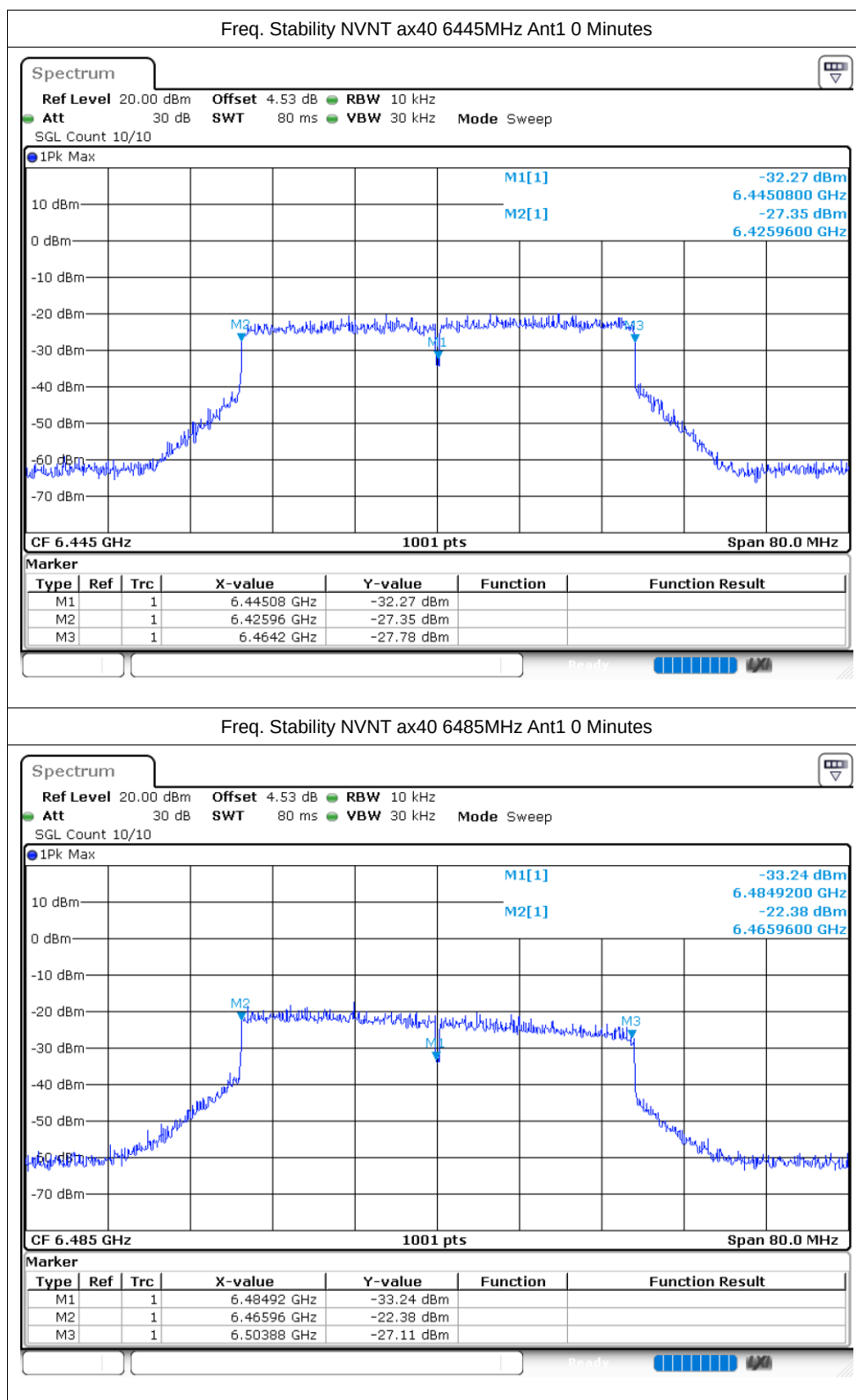
Freq. Stability NVNT ax160 6505MHz Ant1 0 Minutes

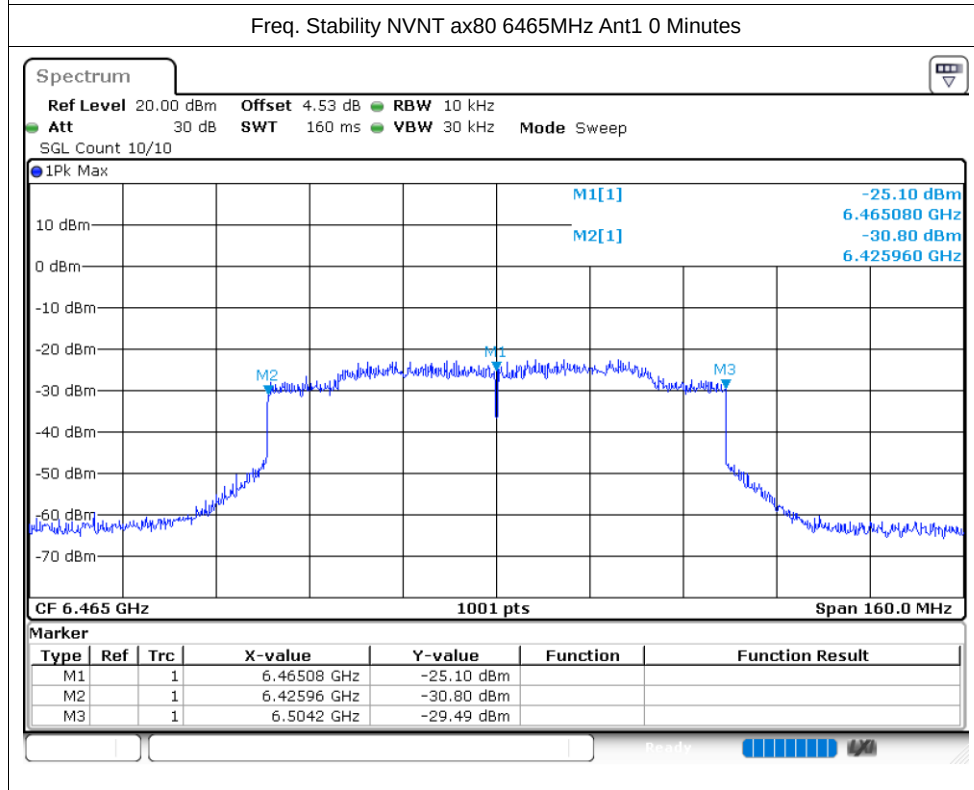
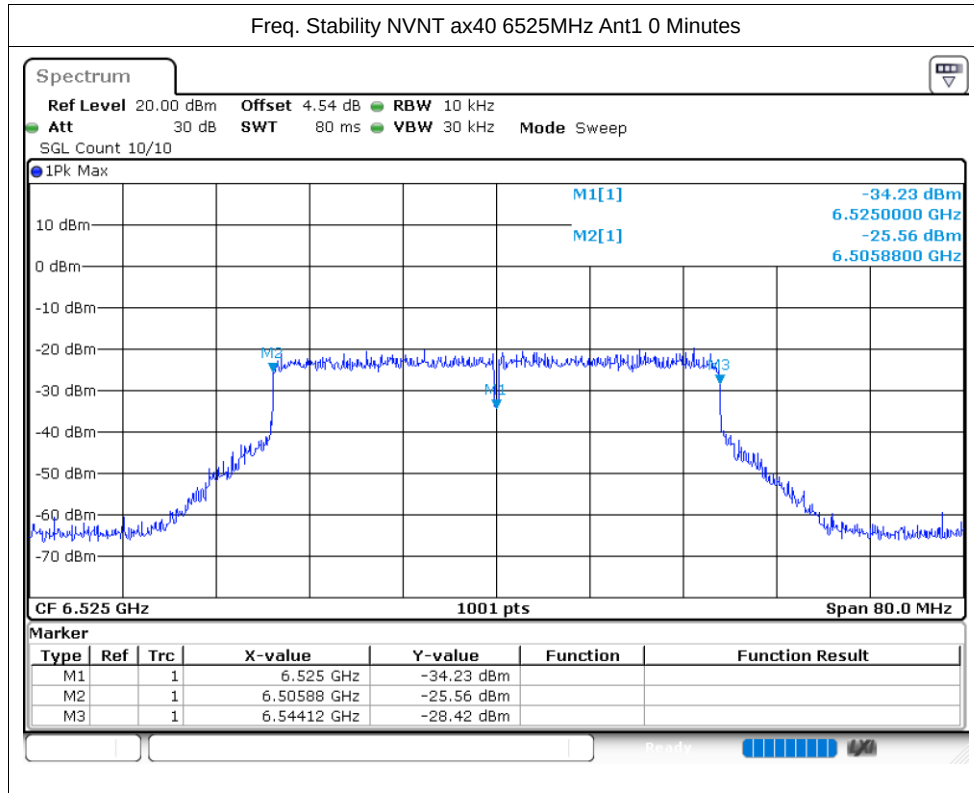


Freq. Stability NVNT ax20 6435MHz Ant1 0 Minutes









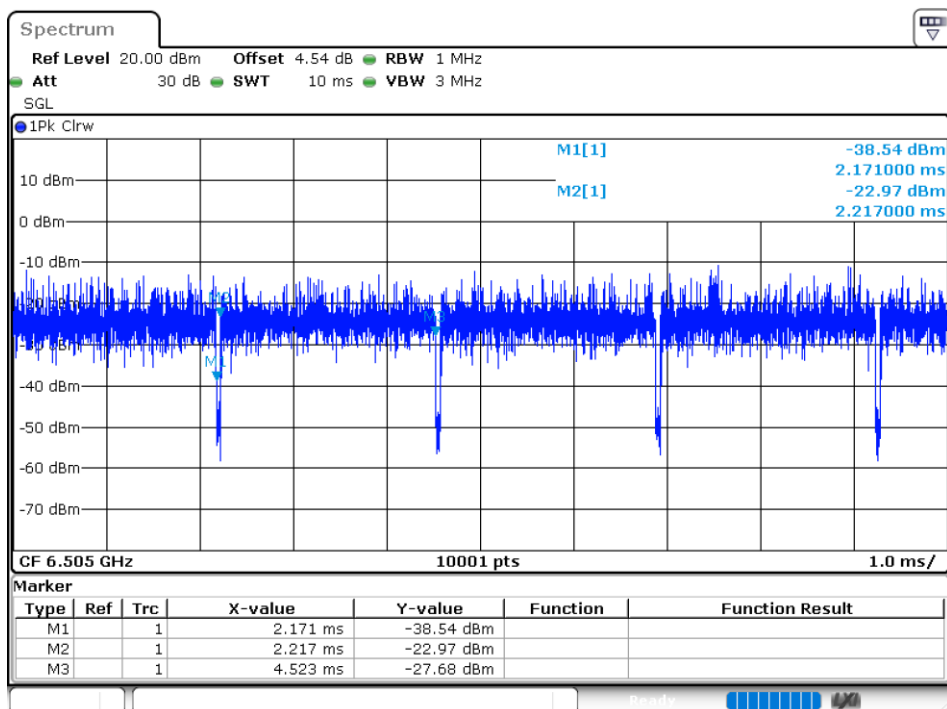
6.5G WIFI MIMO

Duty Cycle

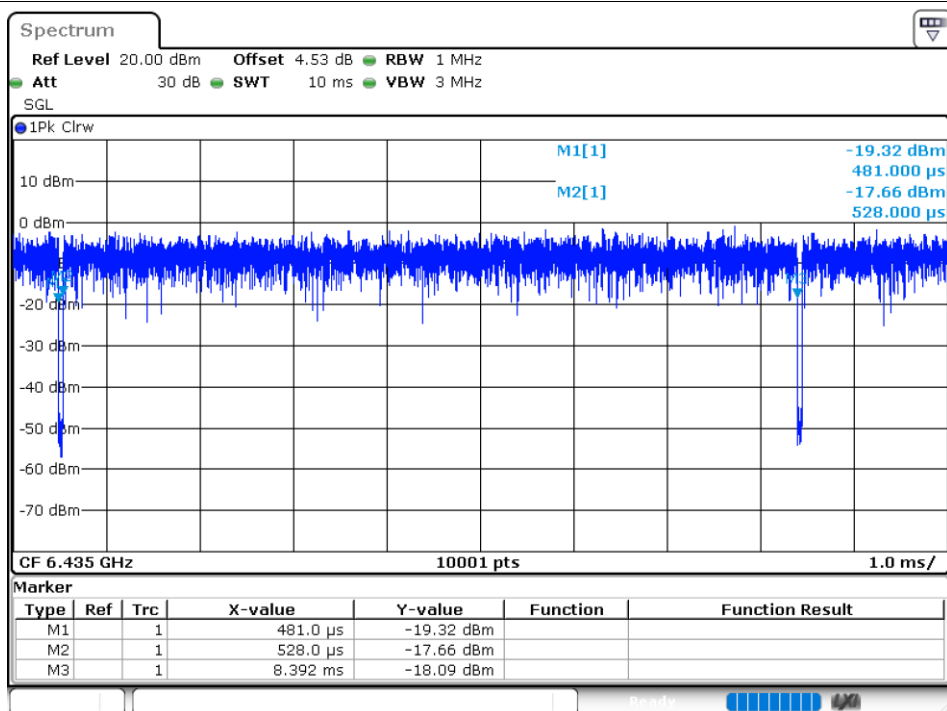
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6505	Sum	98.04	0	0.43
NVNT	ax20	6435	Sum	99.41	0	0.13
NVNT	ax20	6475	Sum	98.83	0	0.25
NVNT	ax20	6515	Sum	99.52	0	0
NVNT	ax40	6445	Sum	99.66	0	1.7
NVNT	ax40	6485	Sum	99.95	0	0.23
NVNT	ax40	6525	Sum	99.85	0	0.76
NVNT	ax80	6465	Sum	98.81	0	0.25

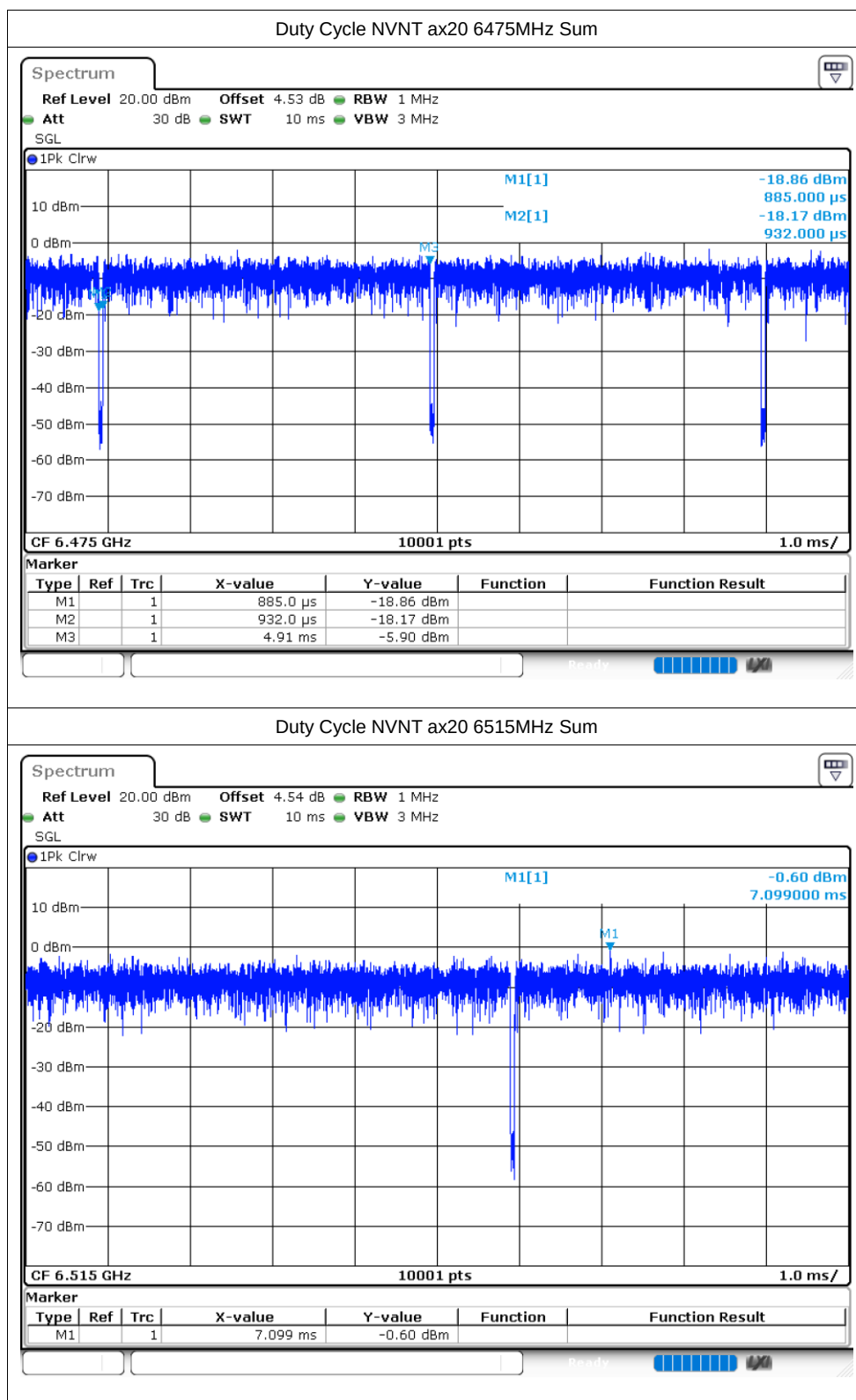
Test Graphs

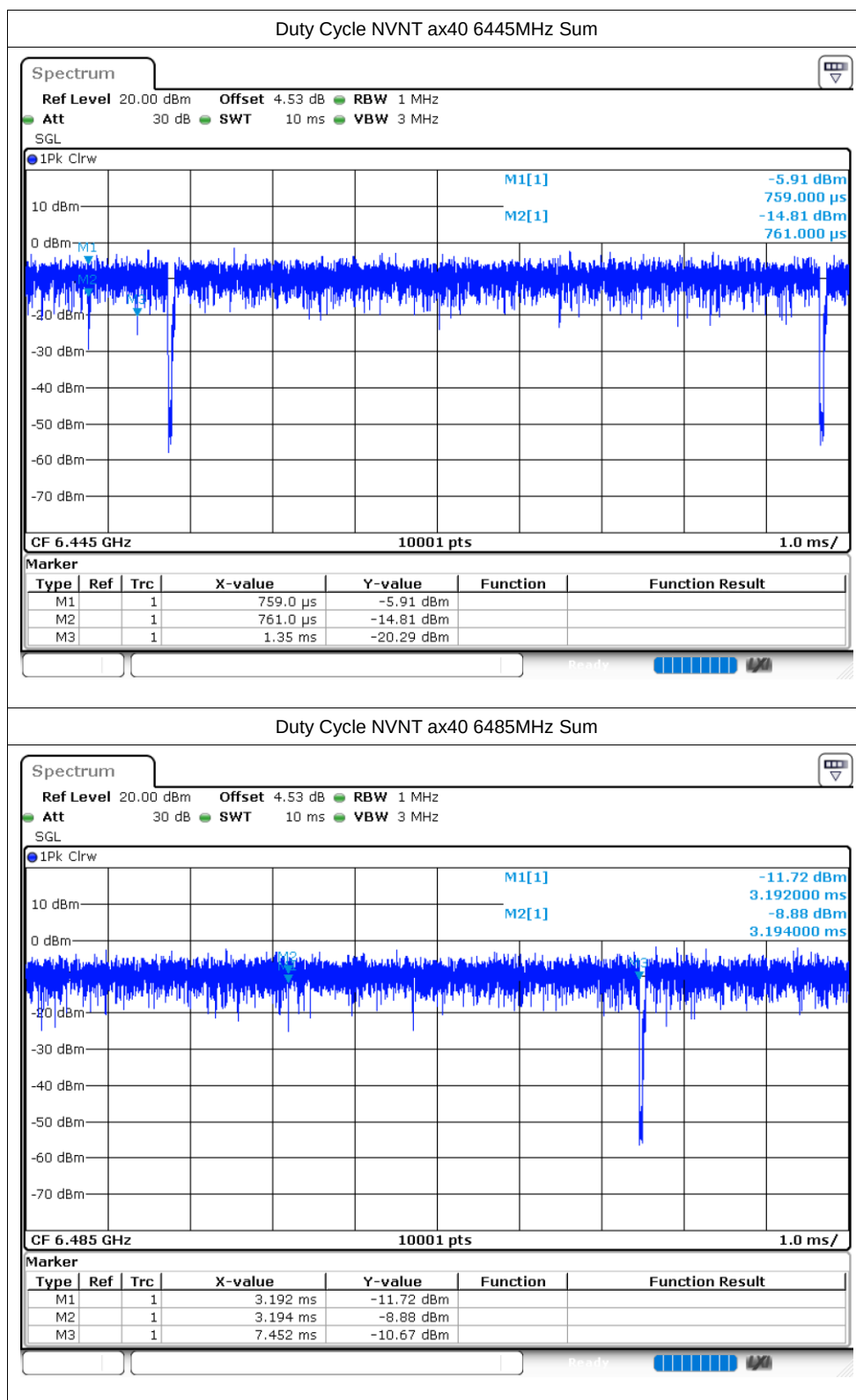
Duty Cycle NVNT ax160 6505MHz Sum

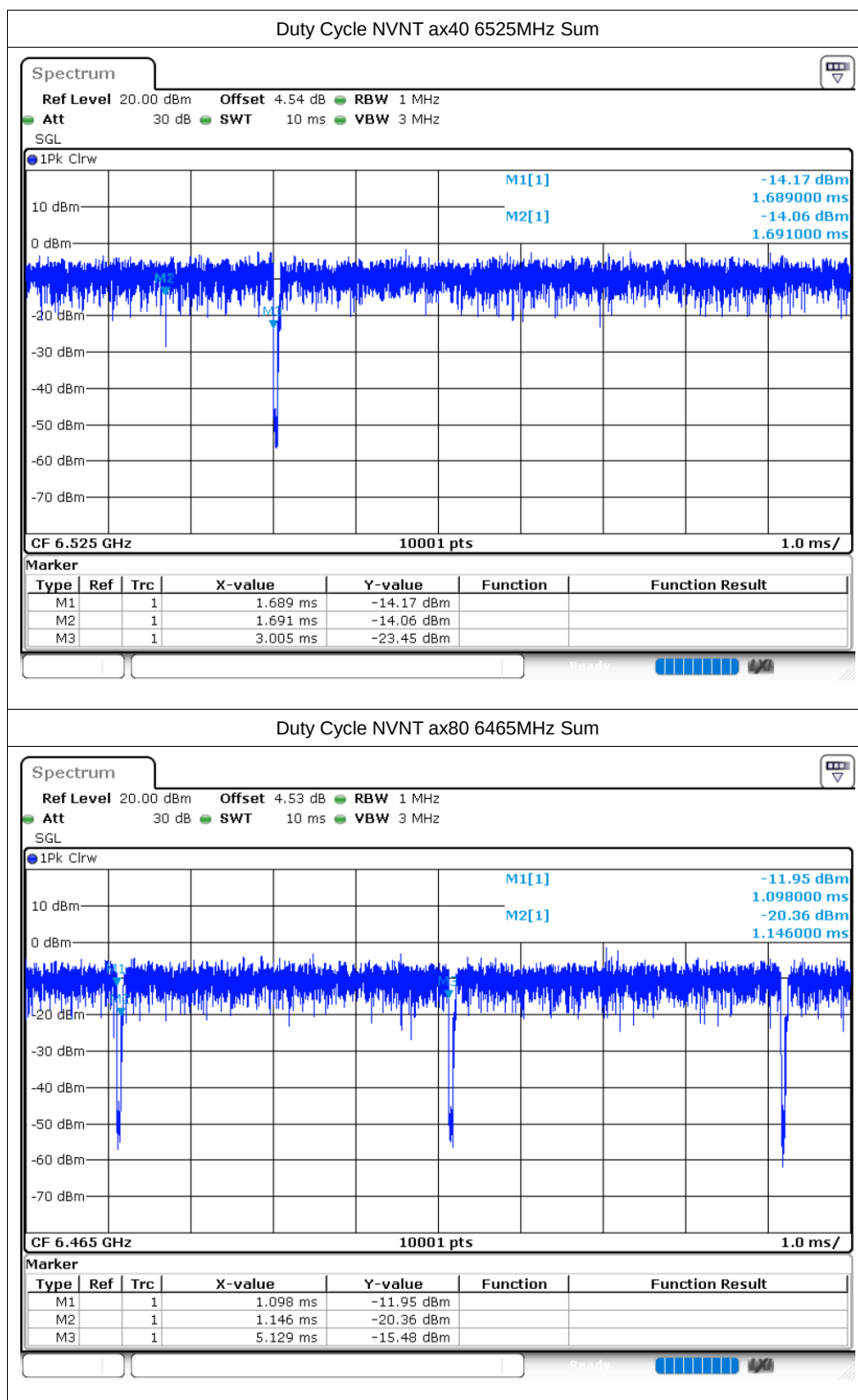


Duty Cycle NVNT ax20 6435MHz Sum









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	6.45	4.9	11.35	24	Pass
NVNT	ax160	6505	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax160	6505	Sum			14.54	24	Pass
NVNT	ax20	6435	Ant1	3.77	4.9	8.67	24	Pass
NVNT	ax20	6435	Ant2	4.73	4.81	9.54	24	Pass
NVNT	ax20	6435	Sum			12.14	24	Pass
NVNT	ax20	6475	Ant1	3.41	4.9	8.31	24	Pass
NVNT	ax20	6475	Ant2	4.02	4.81	8.83	24	Pass
NVNT	ax20	6475	Sum			11.59	24	Pass
NVNT	ax20	6515	Ant1	3.88	4.9	8.78	24	Pass
NVNT	ax20	6515	Ant2	4.22	4.81	9.03	24	Pass
NVNT	ax20	6515	Sum			11.92	24	Pass
NVNT	ax40	6445	Ant1	6.08	4.9	10.98	24	Pass
NVNT	ax40	6445	Ant2	7.11	4.81	11.92	24	Pass
NVNT	ax40	6445	Sum			14.49	24	Pass
NVNT	ax40	6485	Ant1	6.12	4.9	11.02	24	Pass
NVNT	ax40	6485	Ant2	6.98	4.81	11.79	24	Pass
NVNT	ax40	6485	Sum			14.43	24	Pass
NVNT	ax40	6525	Ant1	6.18	4.9	11.08	24	Pass
NVNT	ax40	6525	Ant2	7.12	4.81	11.93	24	Pass
NVNT	ax40	6525	Sum			14.54	24	Pass
NVNT	ax80	6465	Ant1	6.07	4.9	10.97	24	Pass
NVNT	ax80	6465	Ant2	6.68	4.81	11.49	24	Pass
NVNT	ax80	6465	Sum			14.25	24	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6505	Ant1	154.569
NVNT	ax160	6505	Ant2	154.425
NVNT	ax20	6435	Ant1	19.03
NVNT	ax20	6435	Ant2	19.021
NVNT	ax20	6435	Ant1	19.051
NVNT	ax20	6435	Ant2	19.051
NVNT	ax20	6475	Ant1	19.048
NVNT	ax20	6475	Ant2	19.033
NVNT	ax20	6475	Ant1	19.024
NVNT	ax20	6475	Ant2	19.036
NVNT	ax20	6515	Ant1	19.042
NVNT	ax20	6515	Ant2	19.057
NVNT	ax20	6515	Ant2	19.036
NVNT	ax40	6445	Ant1	37.772
NVNT	ax40	6445	Ant2	37.868
NVNT	ax40	6445	Ant1	37.82
NVNT	ax40	6485	Ant1	37.802
NVNT	ax40	6485	Ant2	37.886
NVNT	ax40	6485	Ant1	37.676
NVNT	ax40	6485	Ant2	37.868
NVNT	ax40	6525	Ant1	37.874
NVNT	ax40	6525	Ant2	37.862
NVNT	ax40	6525	Ant1	37.856
NVNT	ax40	6525	Ant2	37.718
NVNT	ax80	6465	Ant1	76.432
NVNT	ax80	6465	Ant2	76.66

