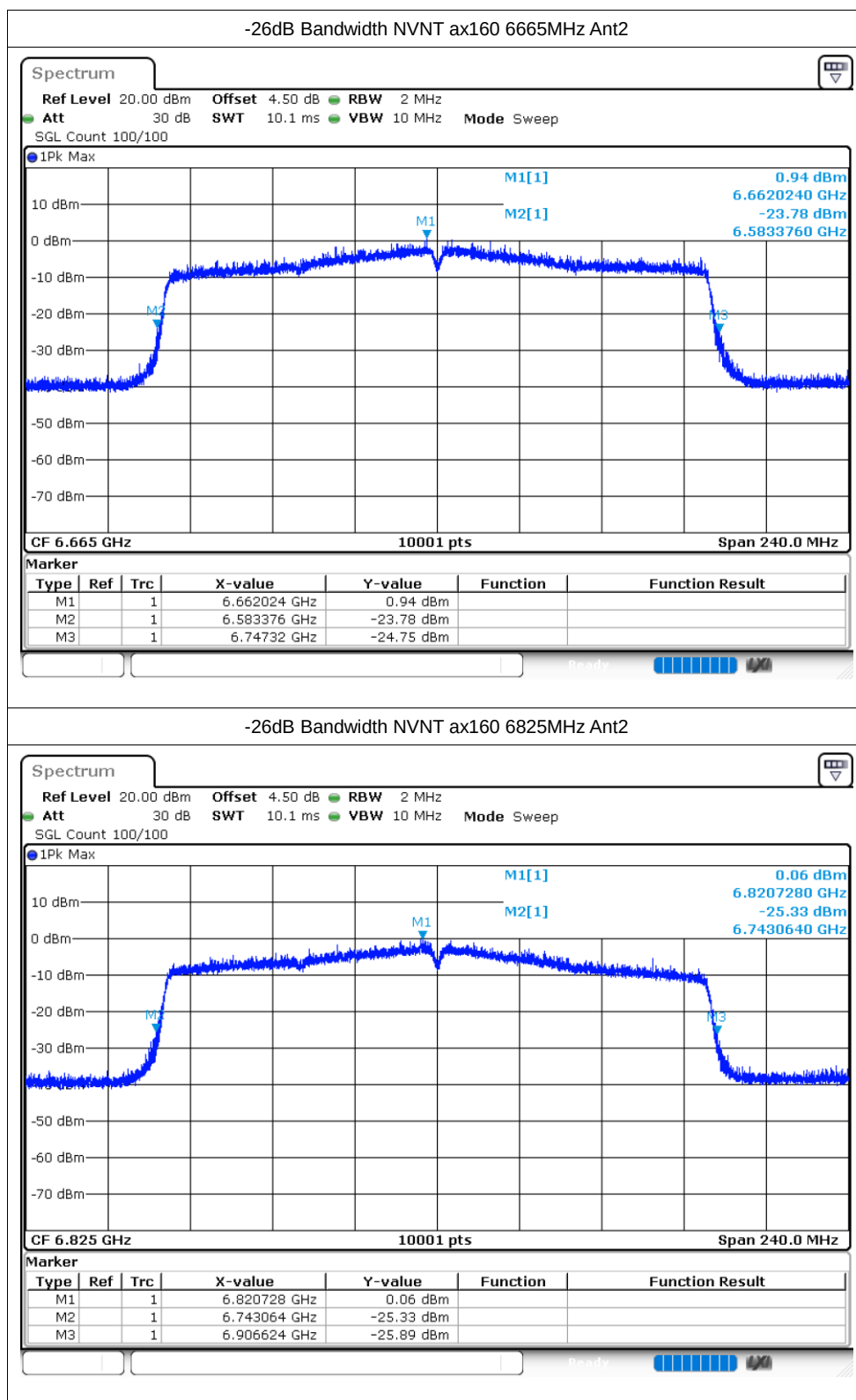
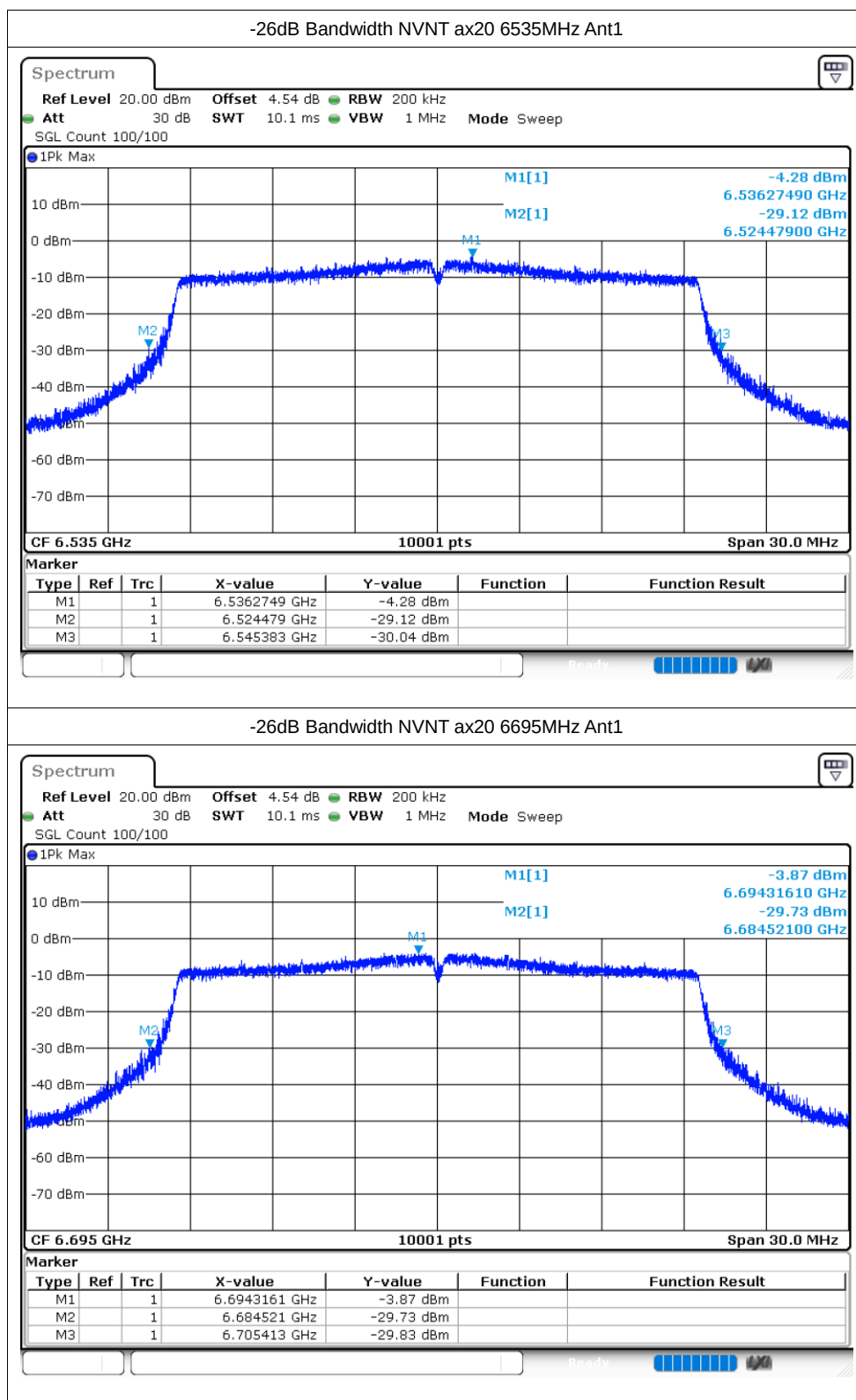
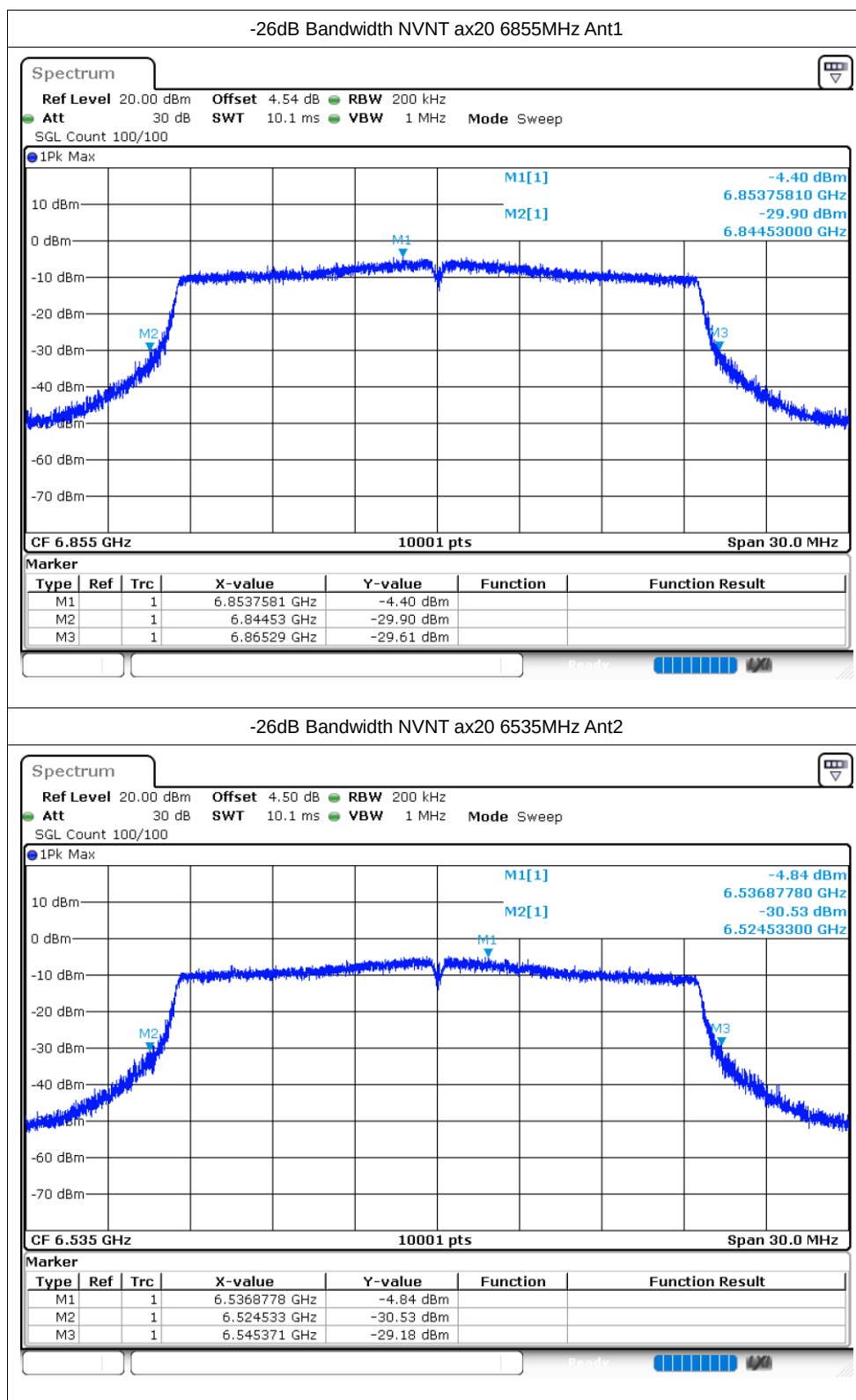
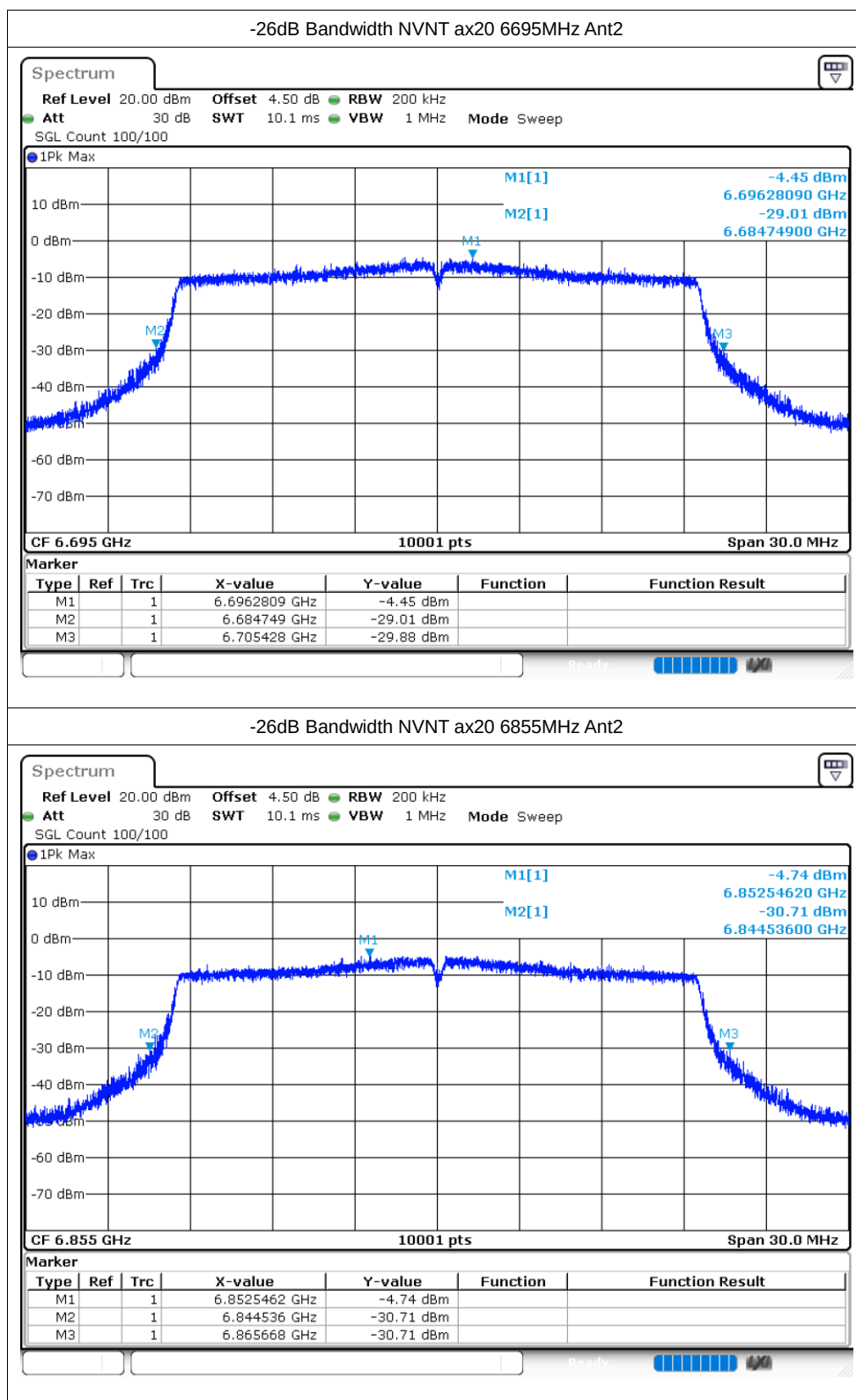
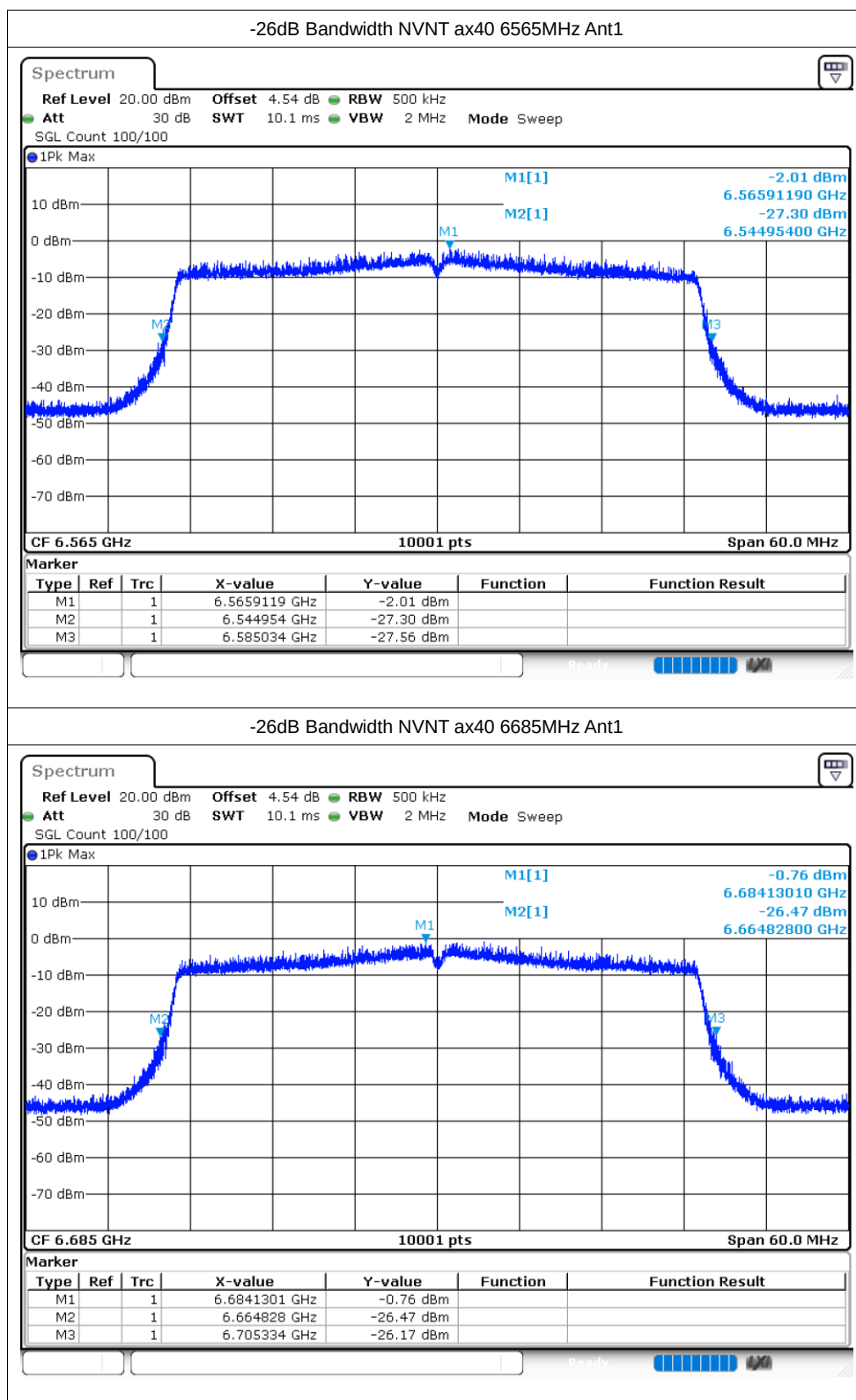


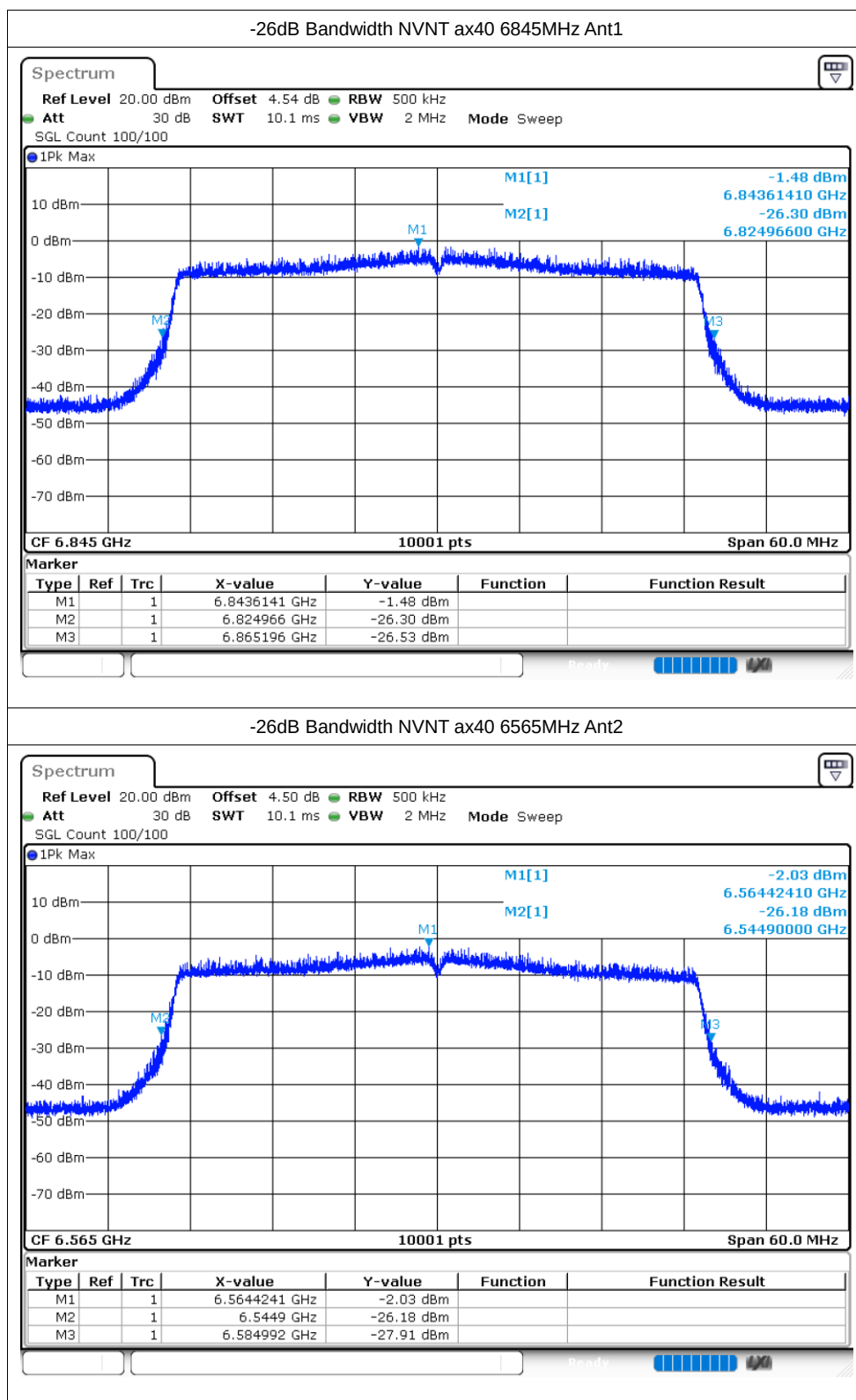


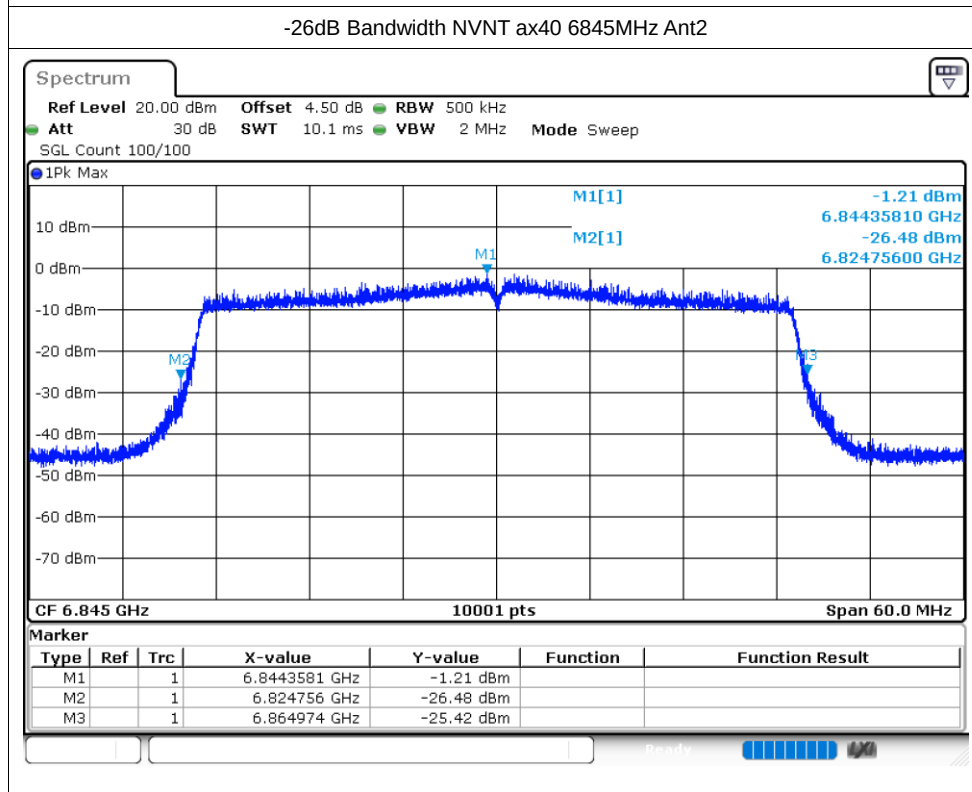
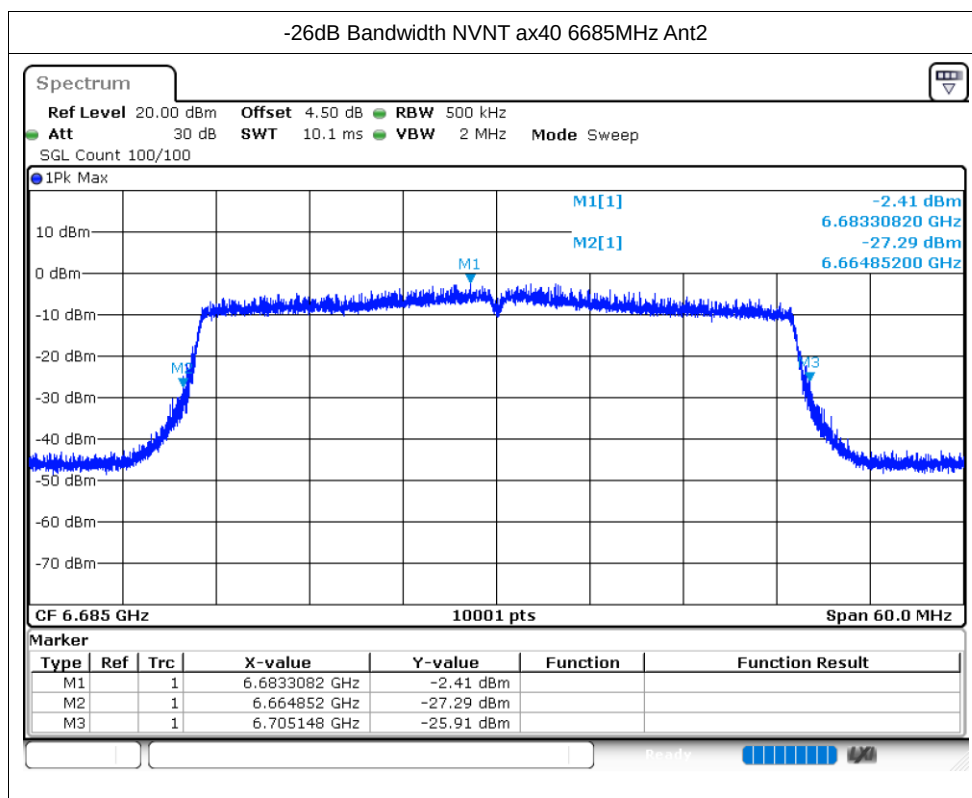


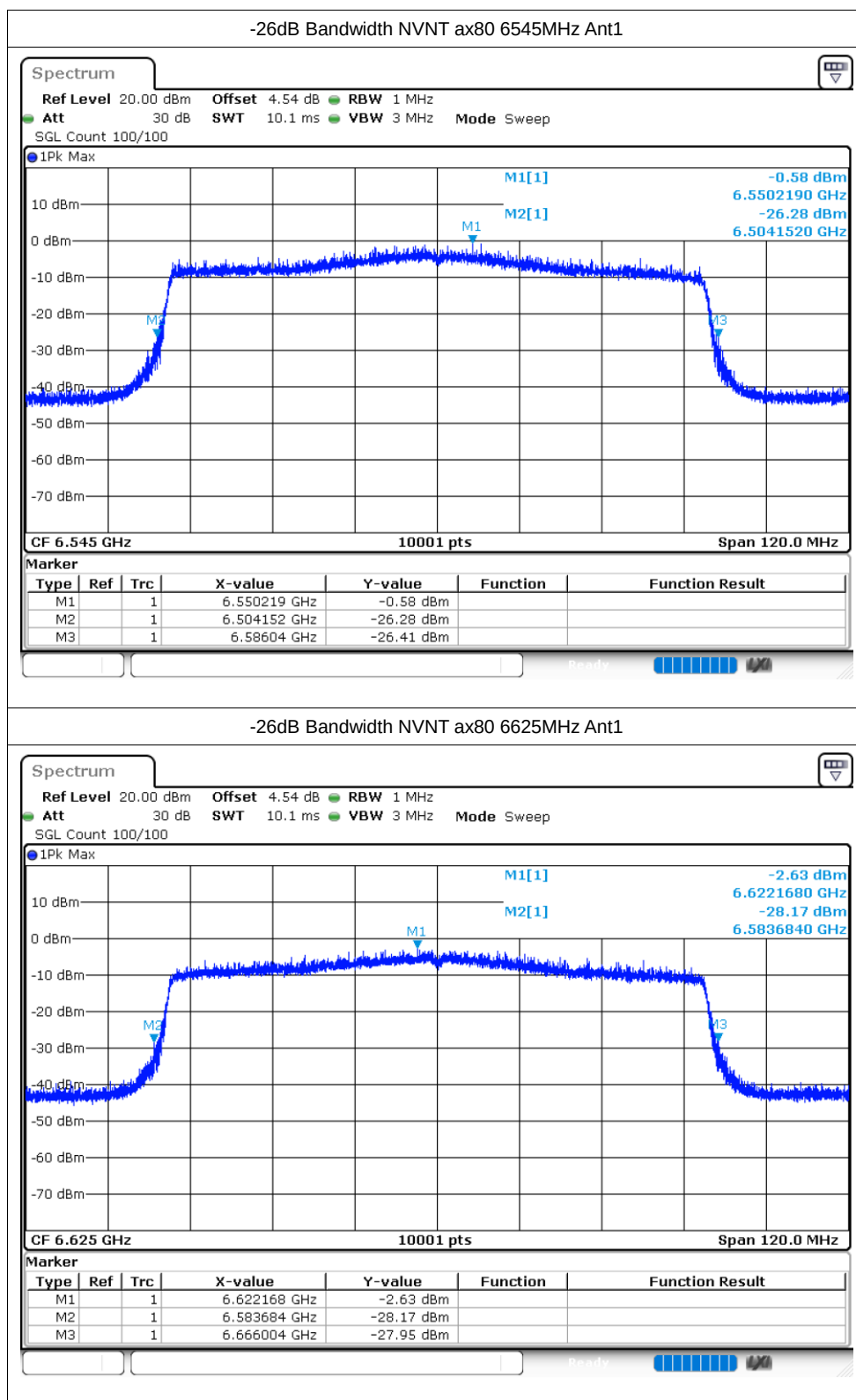


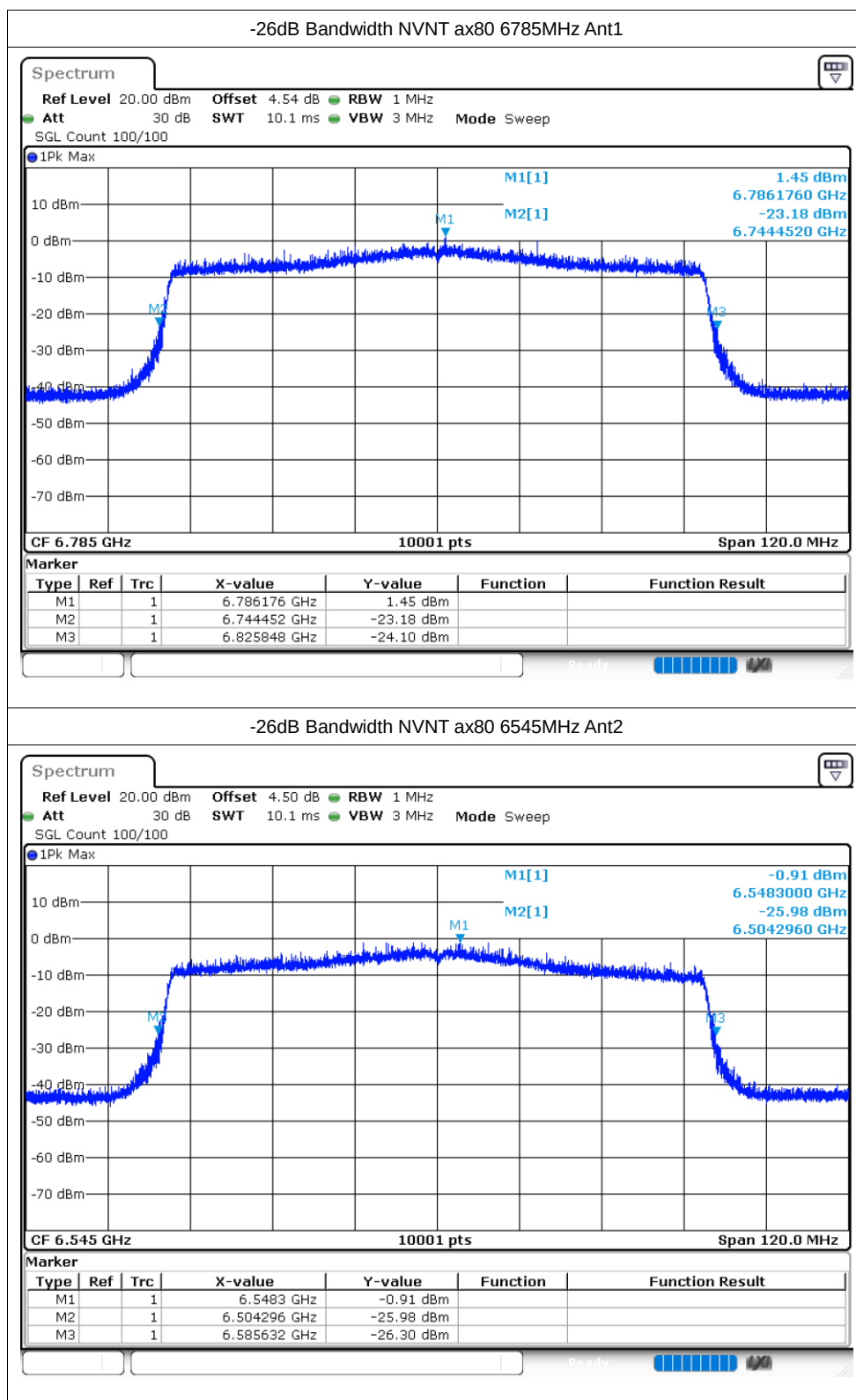


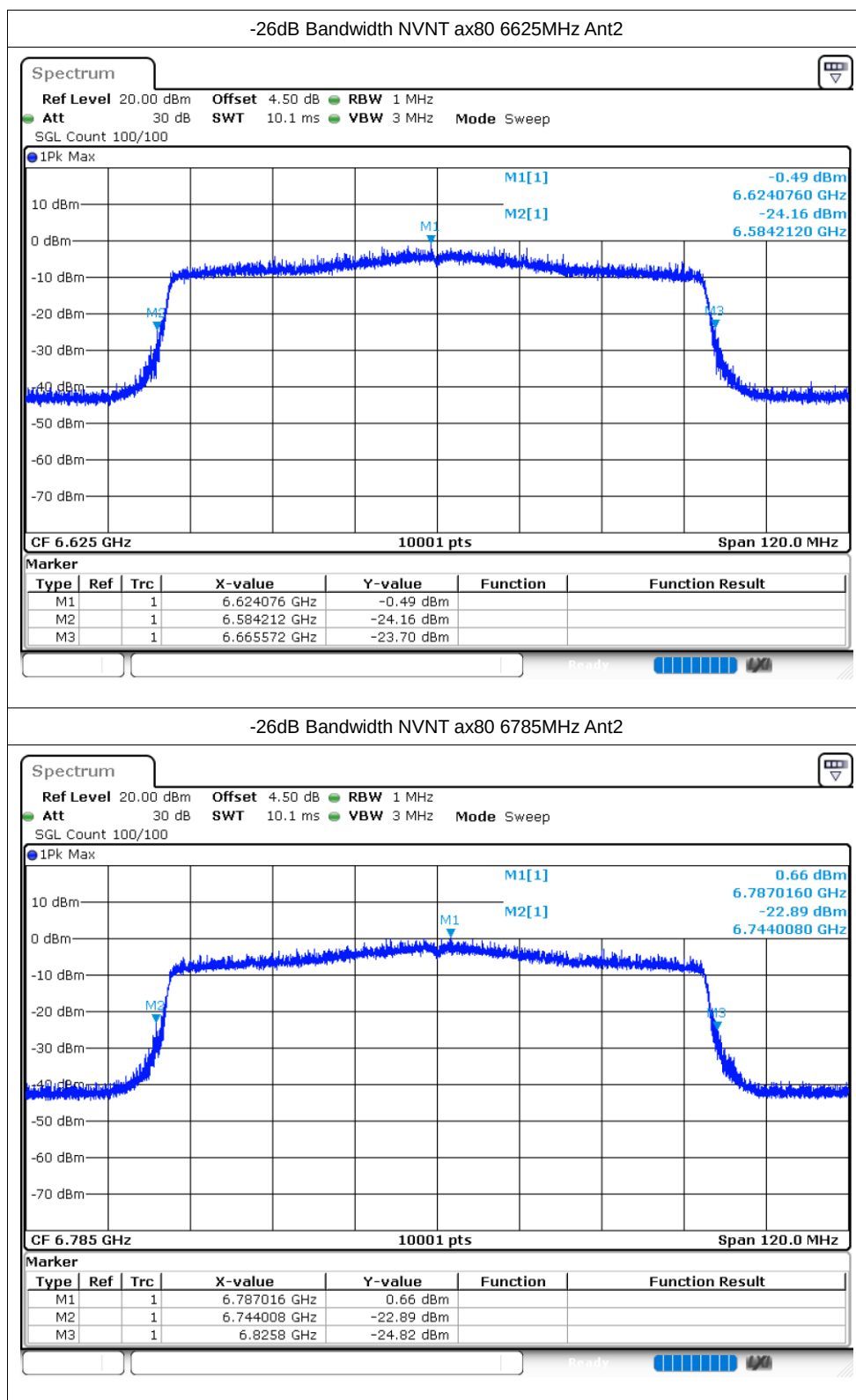






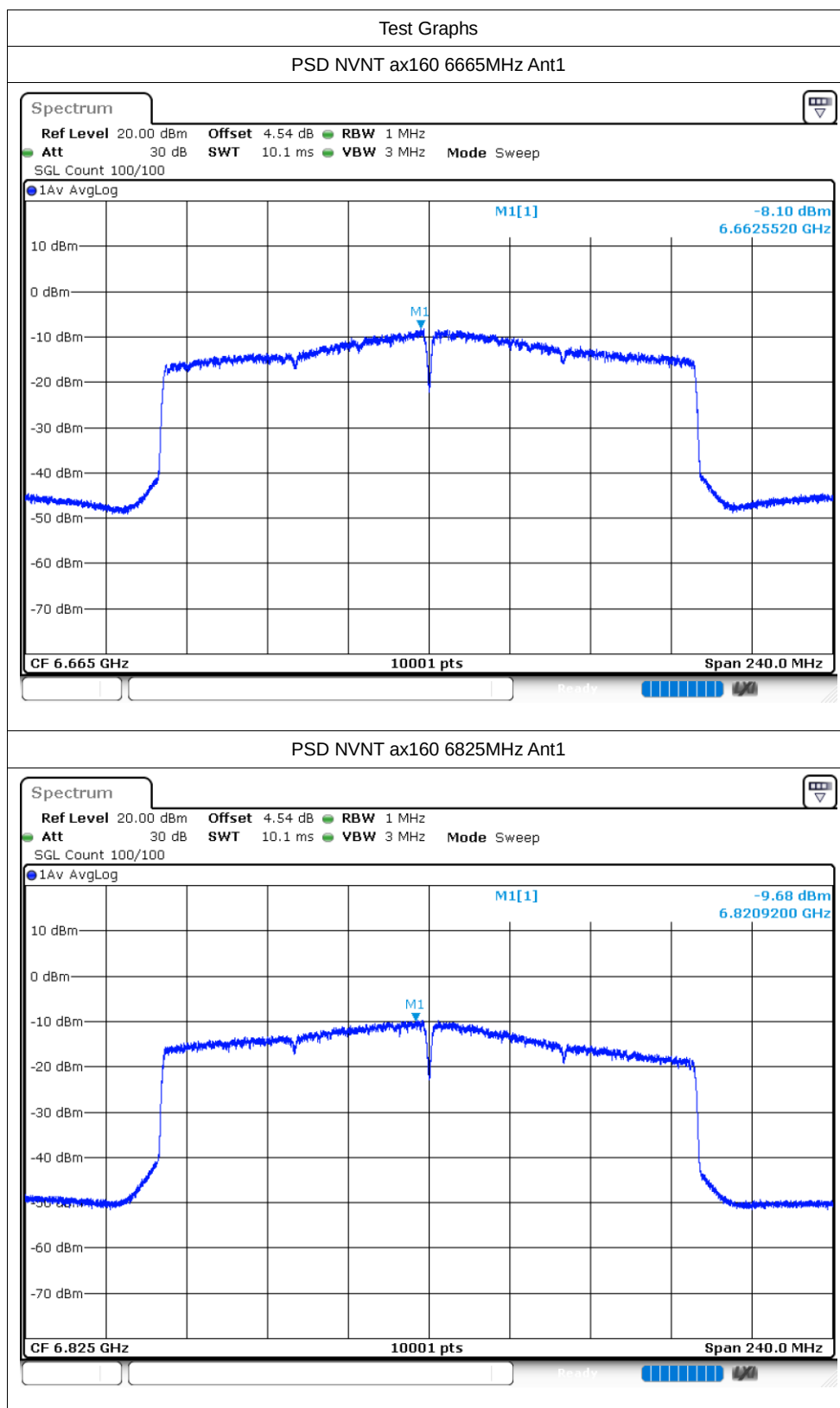


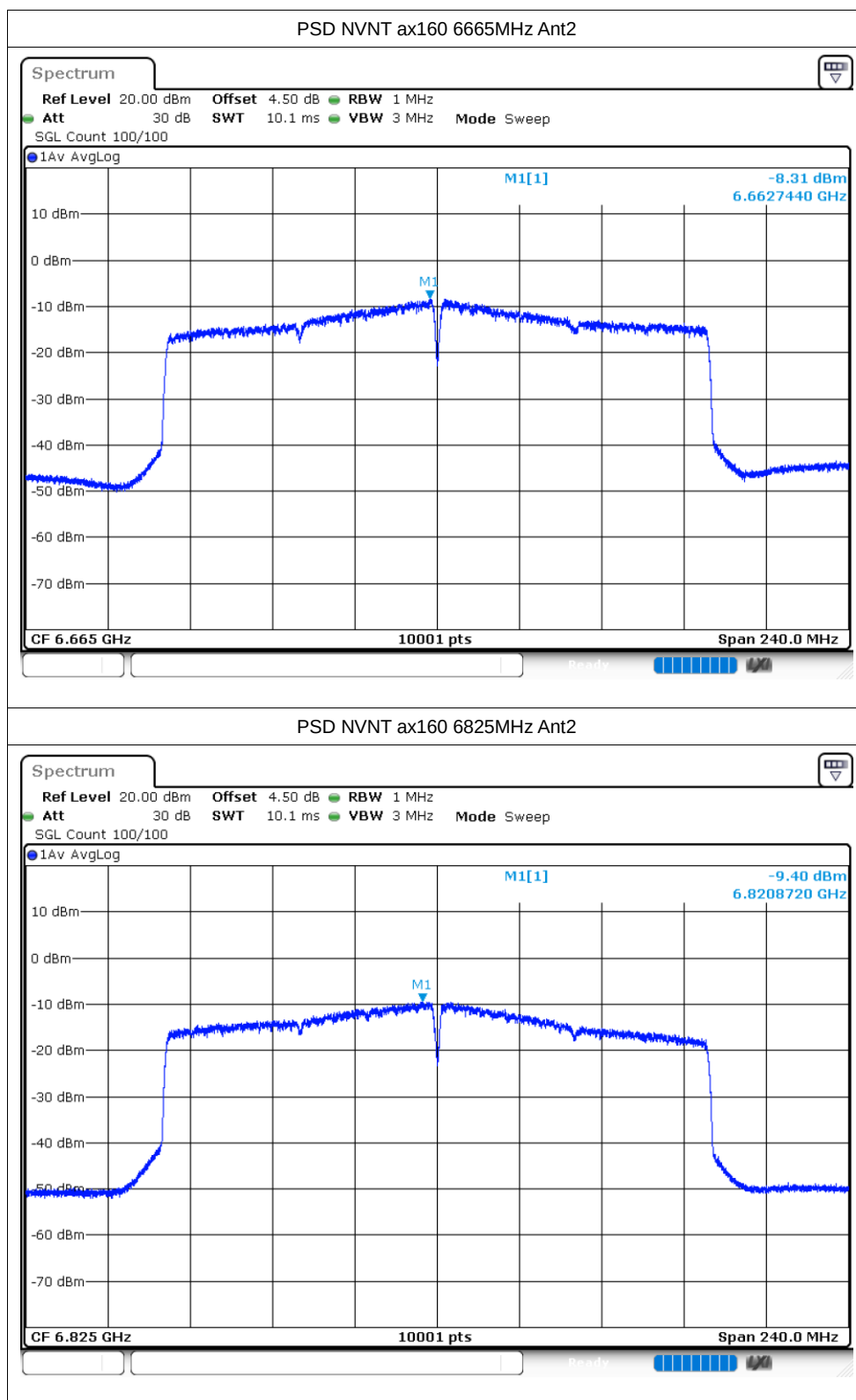


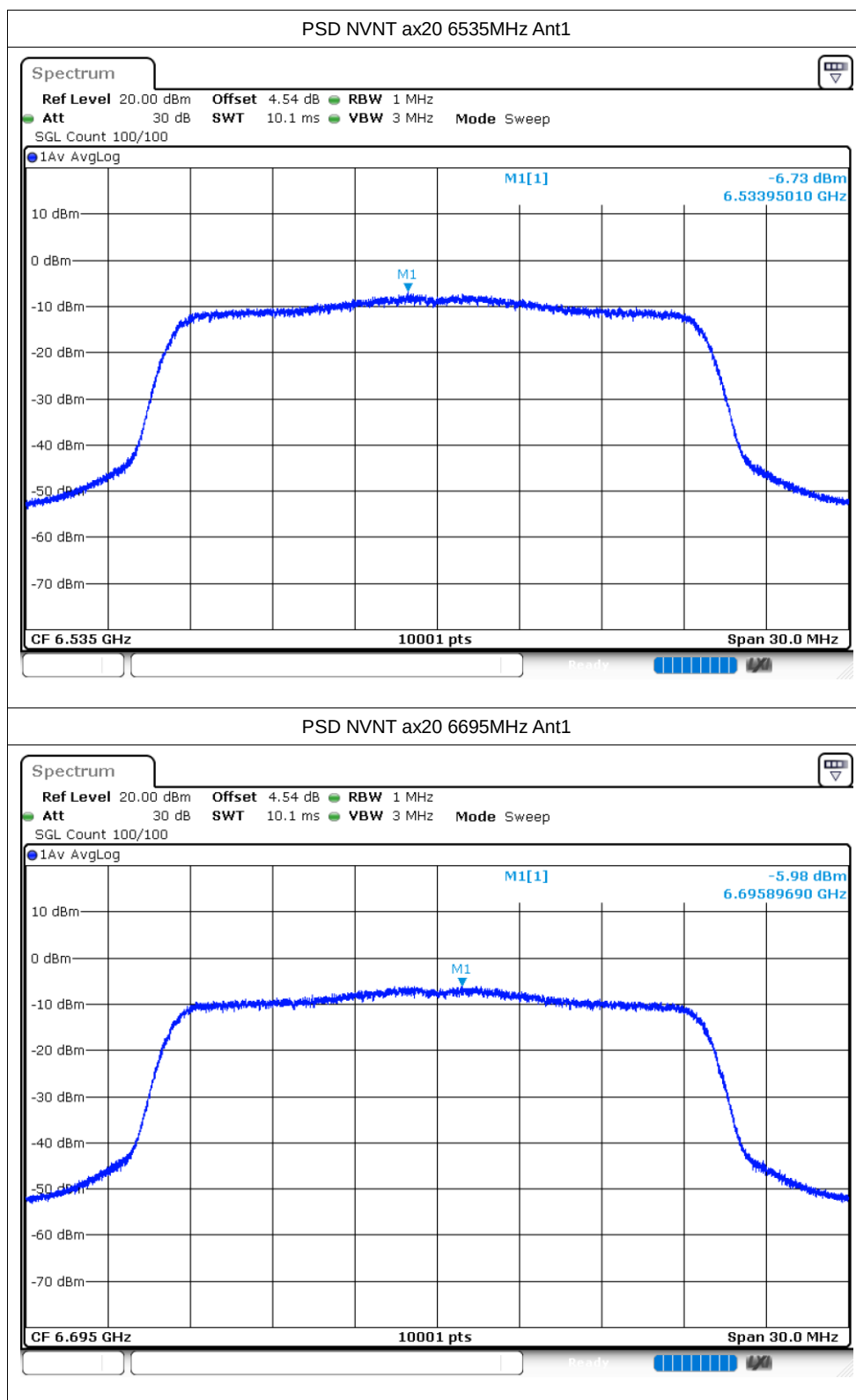


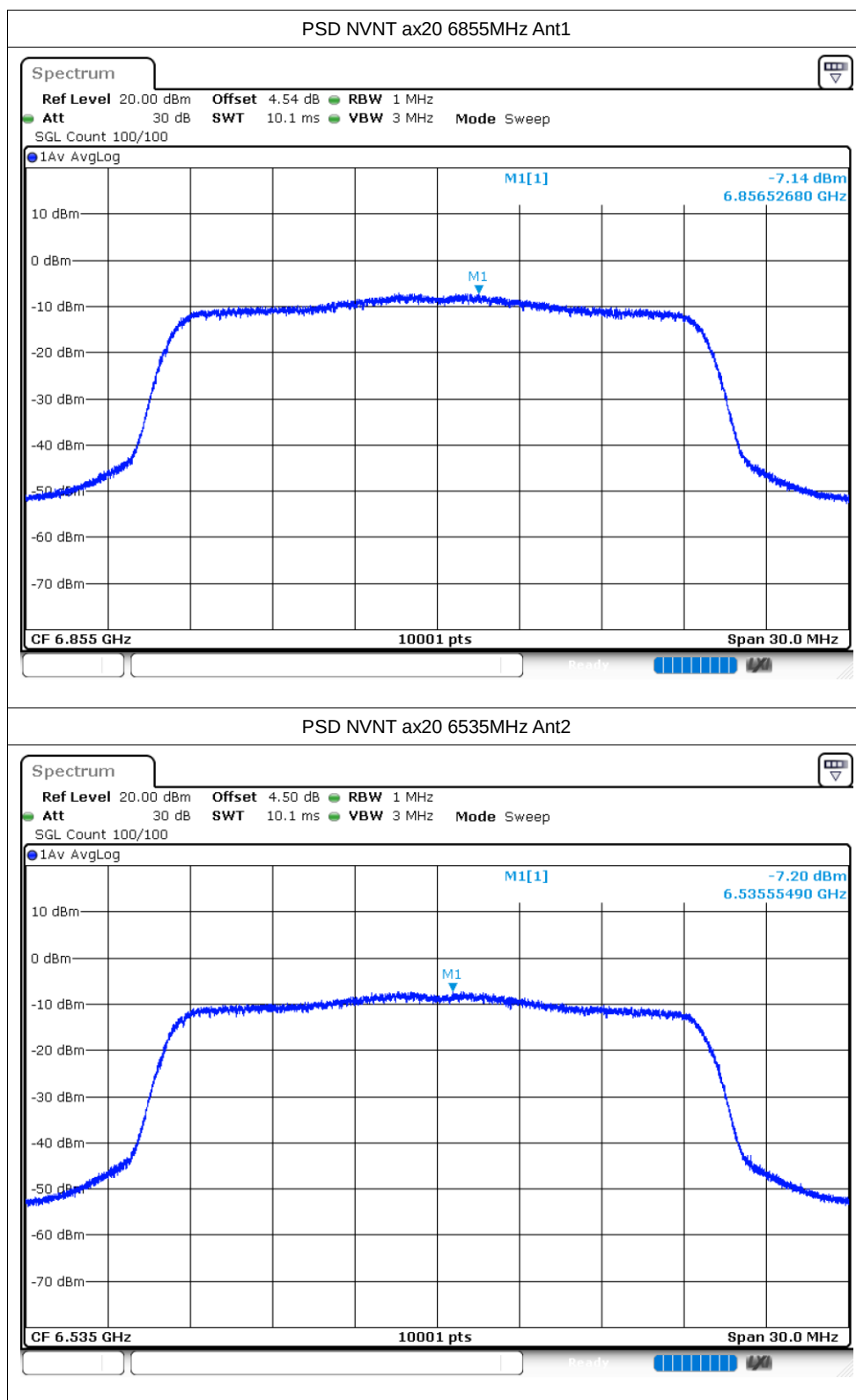
Maximum Power Spectral Density Level

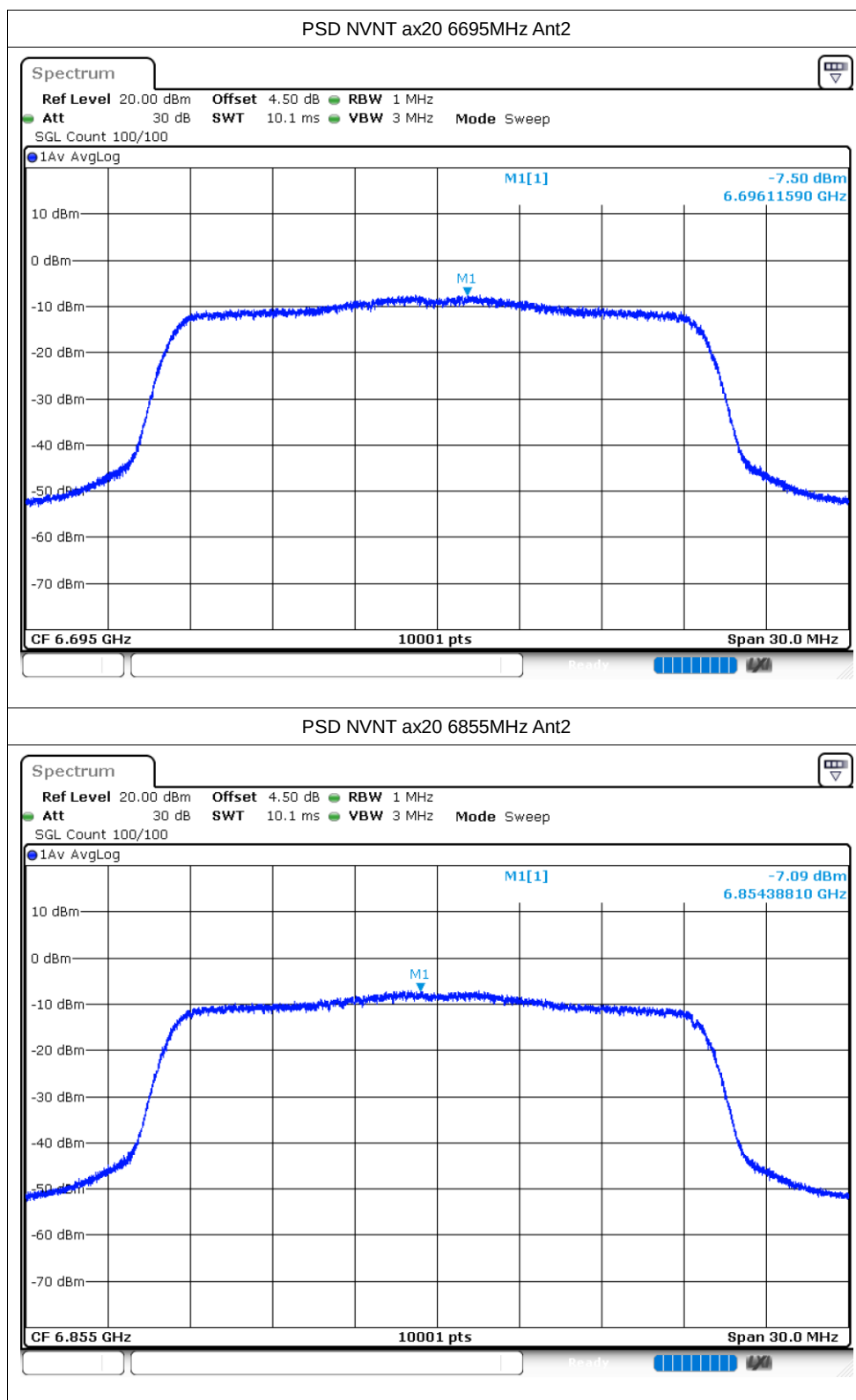
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-8.1	0	-8.1	4.5	-3.6	-1	Pass
NVNT	ax160	6825	Ant1	-9.68	0	-9.68	4.5	-5.18	-1	Pass
NVNT	ax160	6665	Ant2	-8.31	0	-8.31	4.5	-3.81	-1	Pass
NVNT	ax160	6825	Ant2	-9.4	0	-9.4	4.5	-4.9	-1	Pass
NVNT	ax20	6535	Ant1	-6.73	0	-6.73	4.5	-2.23	-1	Pass
NVNT	ax20	6695	Ant1	-5.98	0	-5.98	4.5	-1.48	-1	Pass
NVNT	ax20	6855	Ant1	-7.14	0	-7.14	4.5	-2.64	-1	Pass
NVNT	ax20	6535	Ant2	-7.2	0	-7.2	4.5	-2.7	-1	Pass
NVNT	ax20	6695	Ant2	-7.5	0	-7.5	4.5	-3	-1	Pass
NVNT	ax20	6855	Ant2	-7.09	0	-7.09	4.5	-2.59	-1	Pass
NVNT	ax40	6565	Ant1	-10.69	0	-10.69	4.5	-6.19	-1	Pass
NVNT	ax40	6685	Ant1	-8.91	0	-8.91	4.5	-4.41	-1	Pass
NVNT	ax40	6845	Ant1	-10.18	0	-10.18	4.5	-5.68	-1	Pass
NVNT	ax40	6565	Ant2	-10.68	0	-10.68	4.5	-6.18	-1	Pass
NVNT	ax40	6685	Ant2	-10.55	0	-10.55	4.5	-6.05	-1	Pass
NVNT	ax40	6845	Ant2	-9.98	0	-9.98	4.5	-5.48	-1	Pass
NVNT	ax80	6545	Ant1	-8.32	0	-8.32	4.5	-3.82	-1	Pass
NVNT	ax80	6625	Ant1	-9.26	0	-9.26	4.5	-4.76	-1	Pass
NVNT	ax80	6785	Ant1	-8.19	0	-8.19	4.5	-3.69	-1	Pass
NVNT	ax80	6545	Ant2	-6.77	0	-6.77	4.5	-2.27	-1	Pass
NVNT	ax80	6625	Ant2	-6.99	0	-6.99	4.5	-2.49	-1	Pass
NVNT	ax80	6785	Ant2	-6.31	0	-6.31	4.5	-1.81	-1	Pass

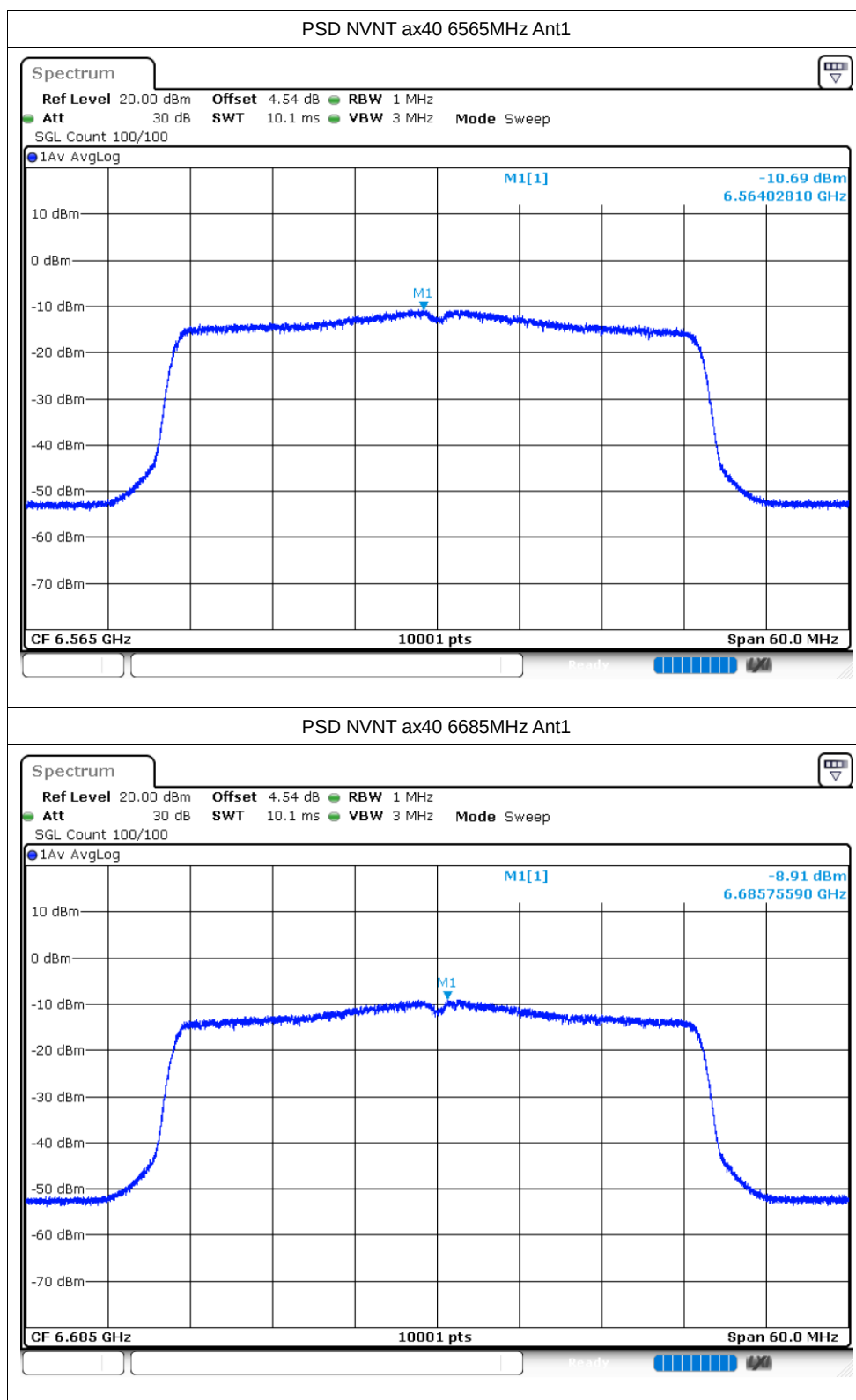


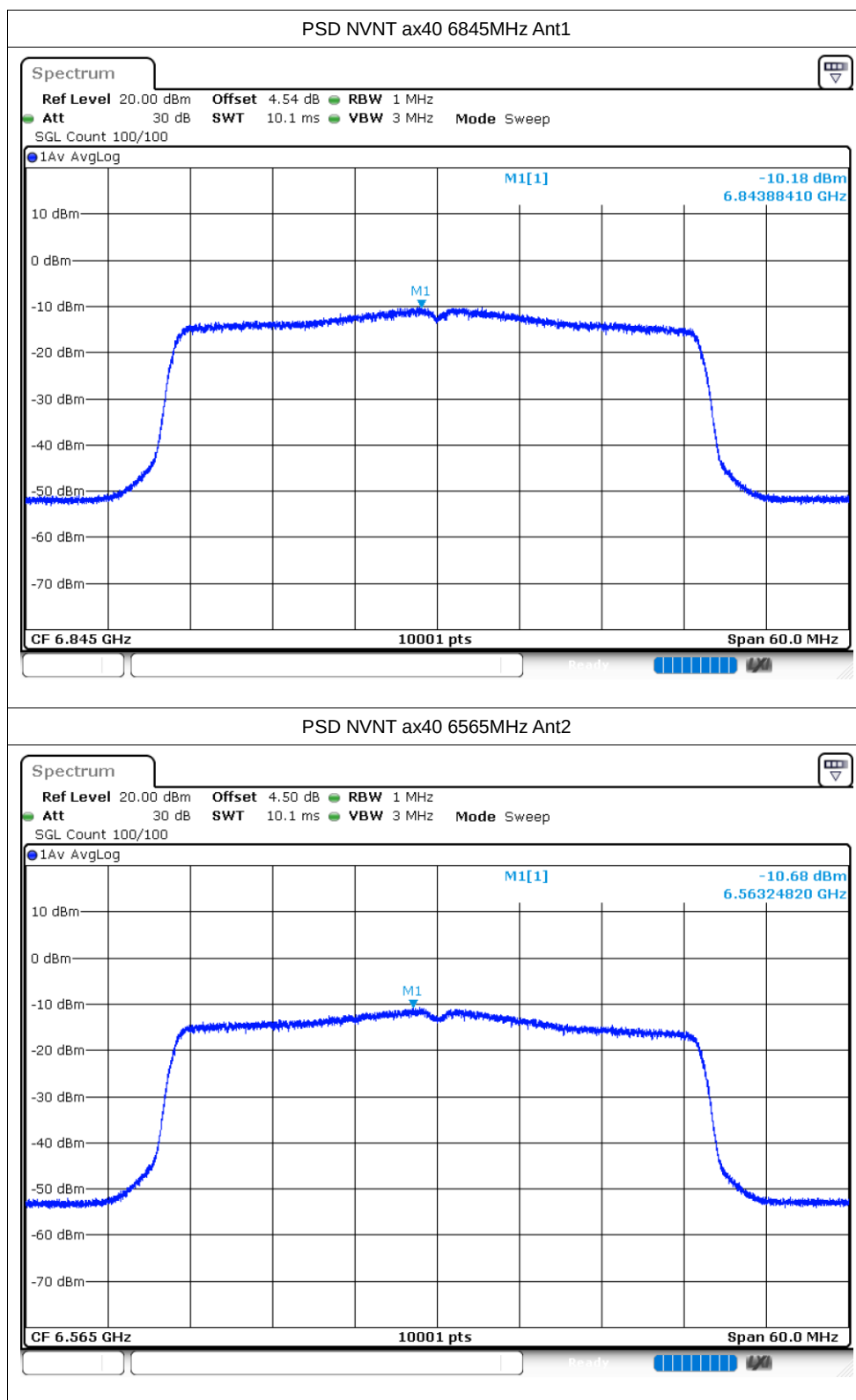


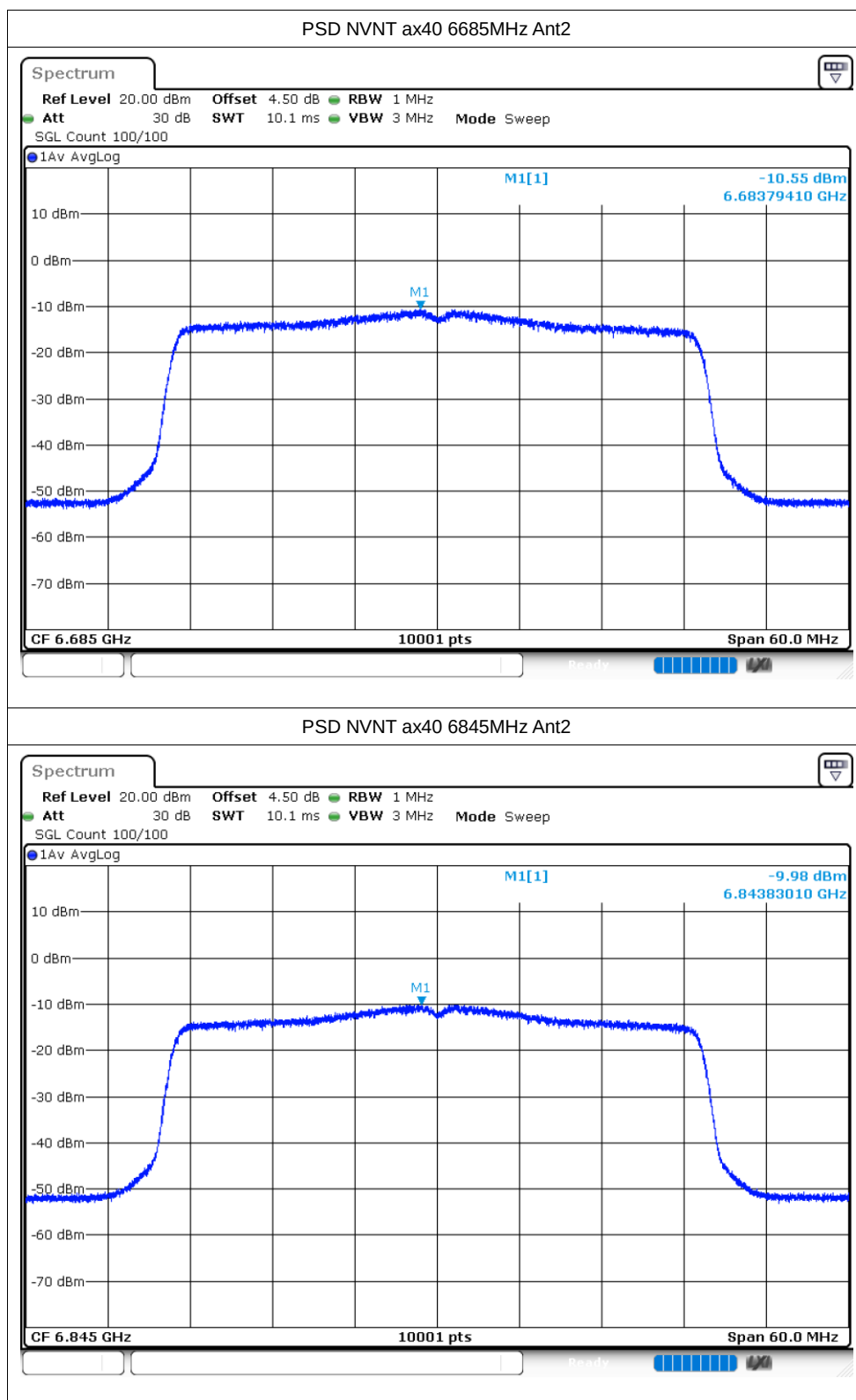


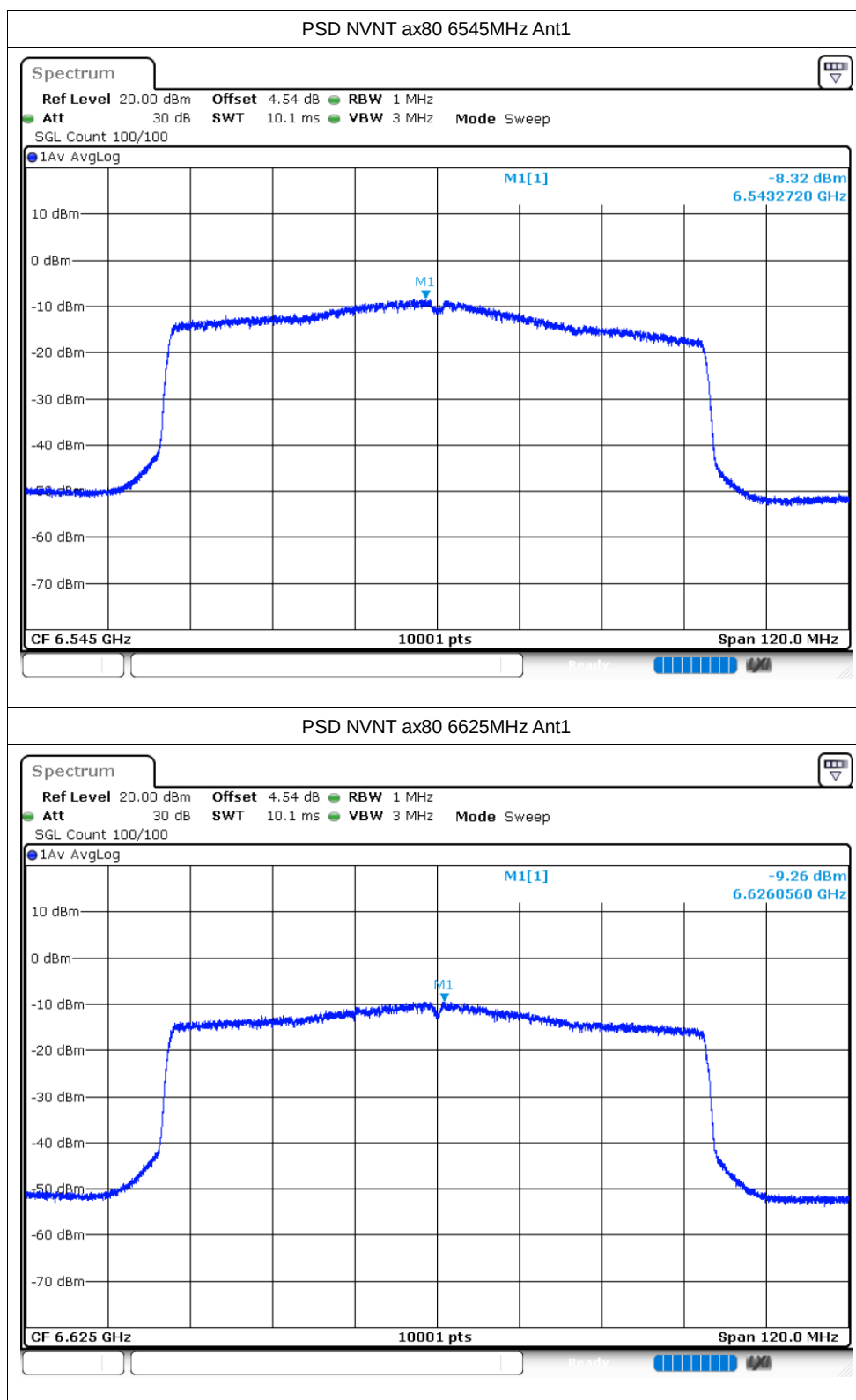


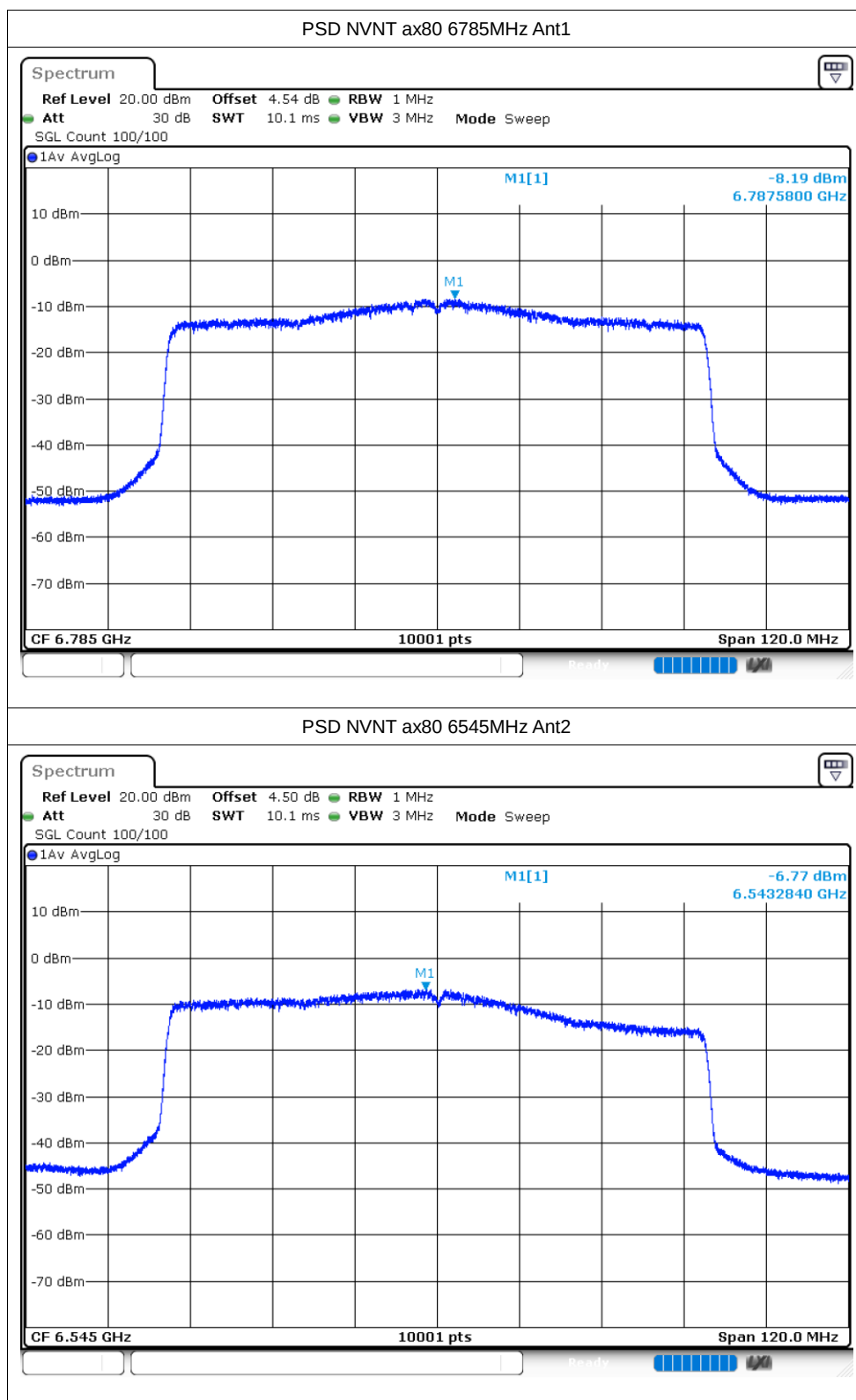


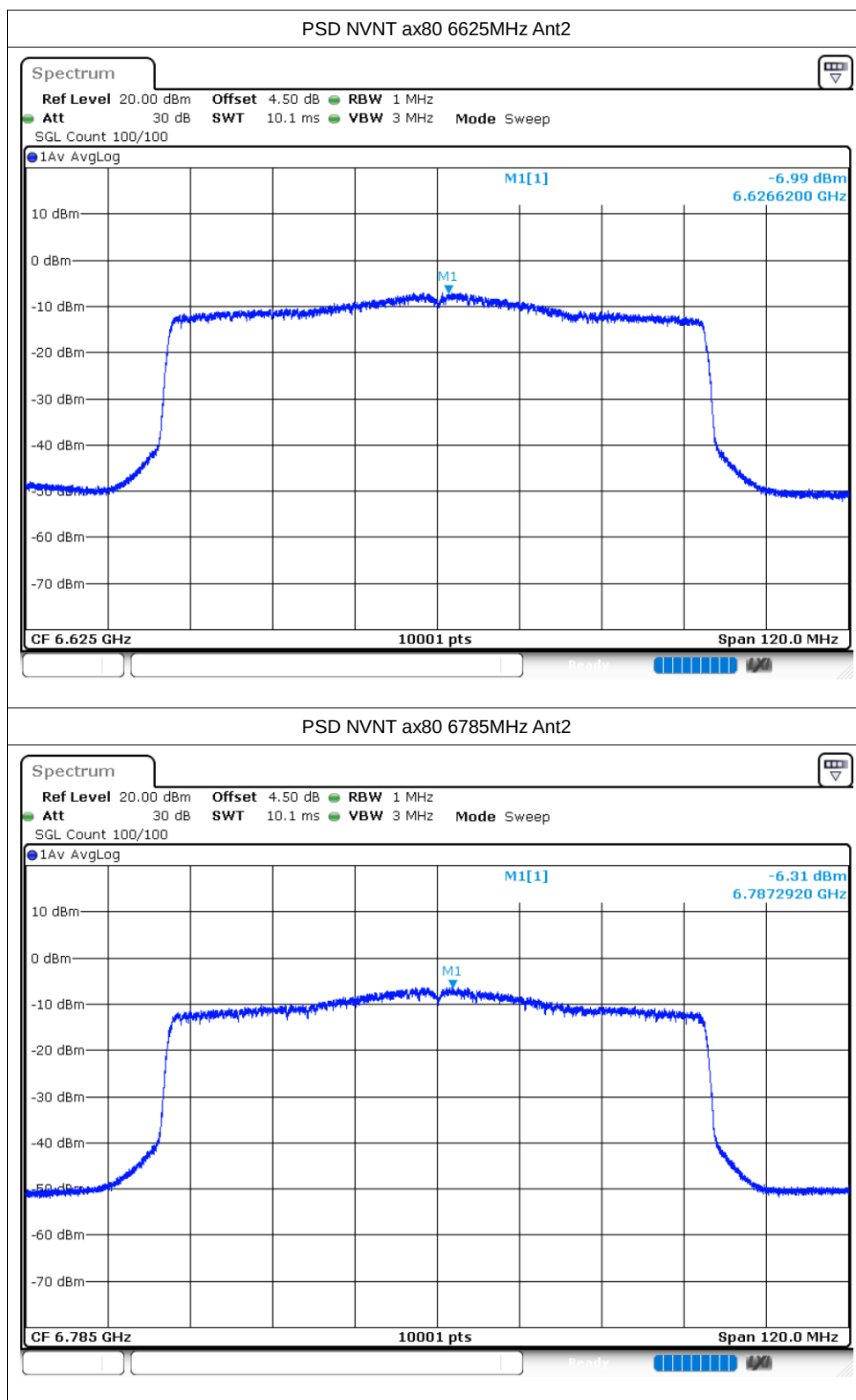










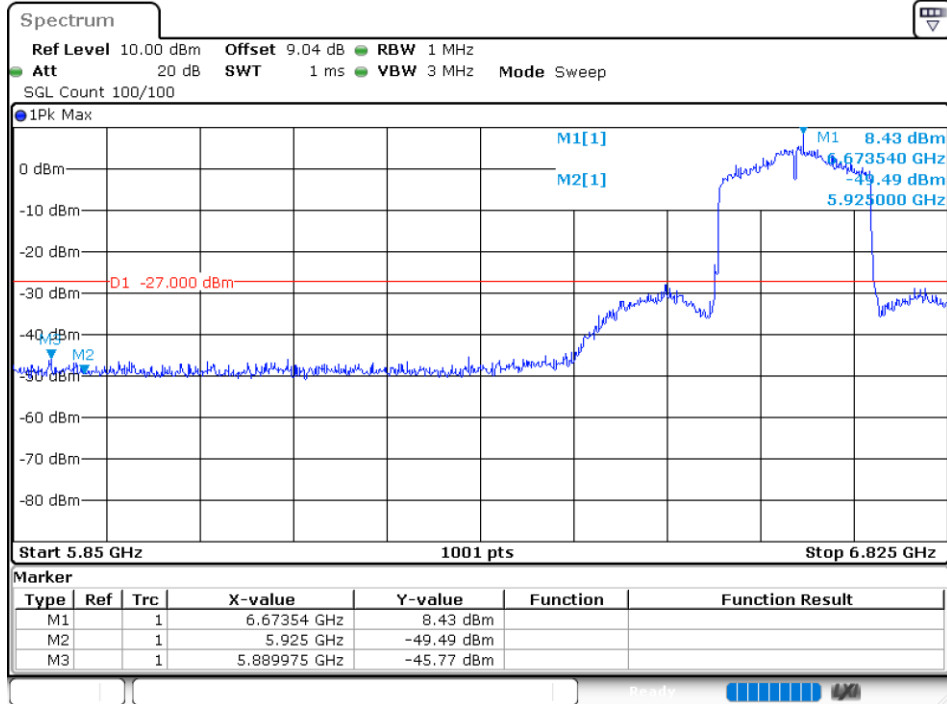


Band Edge

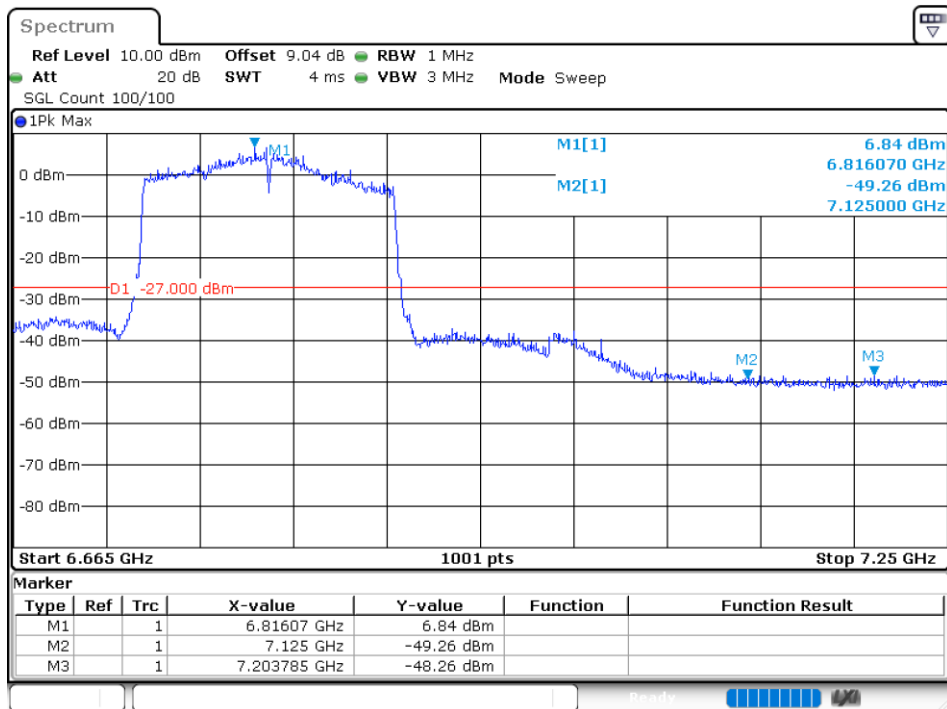
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-45.76	-27	Pass
NVNT	ax160	6825	Ant1	-48.26	-27	Pass
NVNT	ax160	6665	Ant2	-45.77	-27	Pass
NVNT	ax160	6825	Ant2	-48.21	-27	Pass
NVNT	ax20	6535	Ant1	-47	-27	Pass
NVNT	ax20	6855	Ant1	-48.48	-27	Pass
NVNT	ax20	6535	Ant2	-45.56	-27	Pass
NVNT	ax20	6855	Ant2	-48.12	-27	Pass
NVNT	ax40	6565	Ant1	-45.03	-27	Pass
NVNT	ax40	6845	Ant1	-47.88	-27	Pass
NVNT	ax40	6565	Ant2	-46.06	-27	Pass
NVNT	ax40	6845	Ant2	-48.24	-27	Pass
NVNT	ax80	6545	Ant1	-47.26	-27	Pass
NVNT	ax80	6785	Ant1	-48.16	-27	Pass
NVNT	ax80	6545	Ant2	-46.36	-27	Pass
NVNT	ax80	6785	Ant2	-47.94	-27	Pass

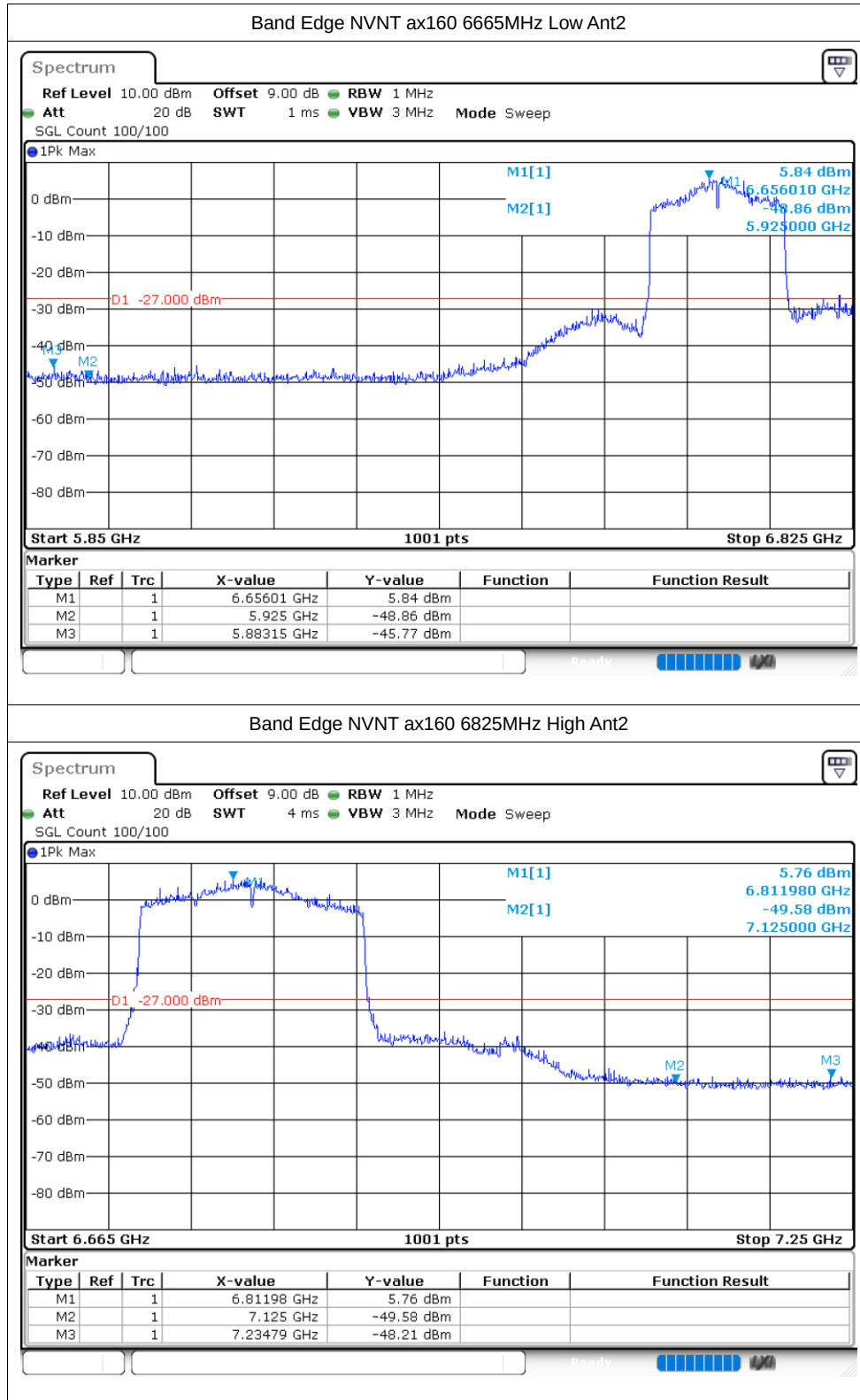
Test Graphs

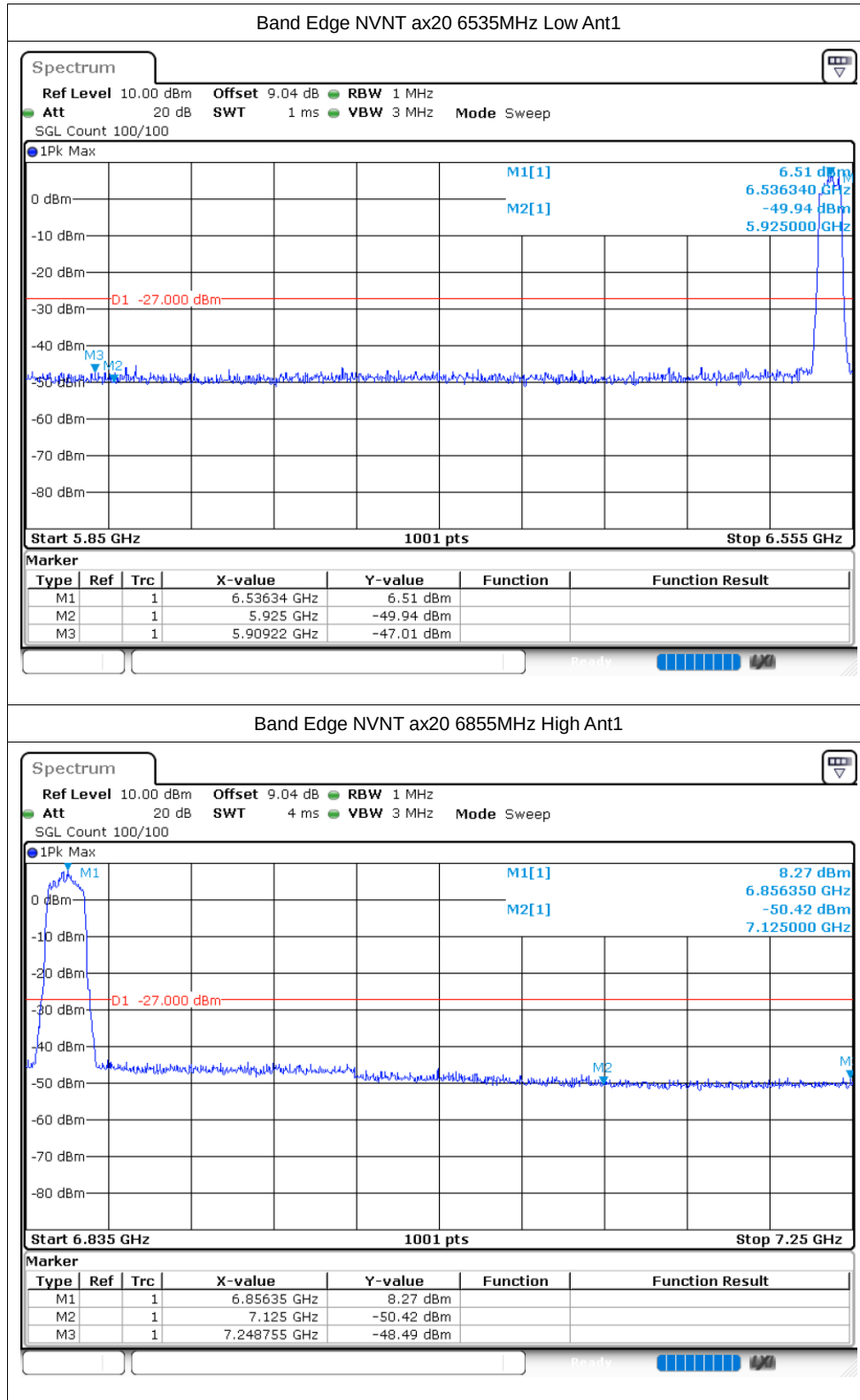
Band Edge NVNT ax160 6665MHz Low Ant1

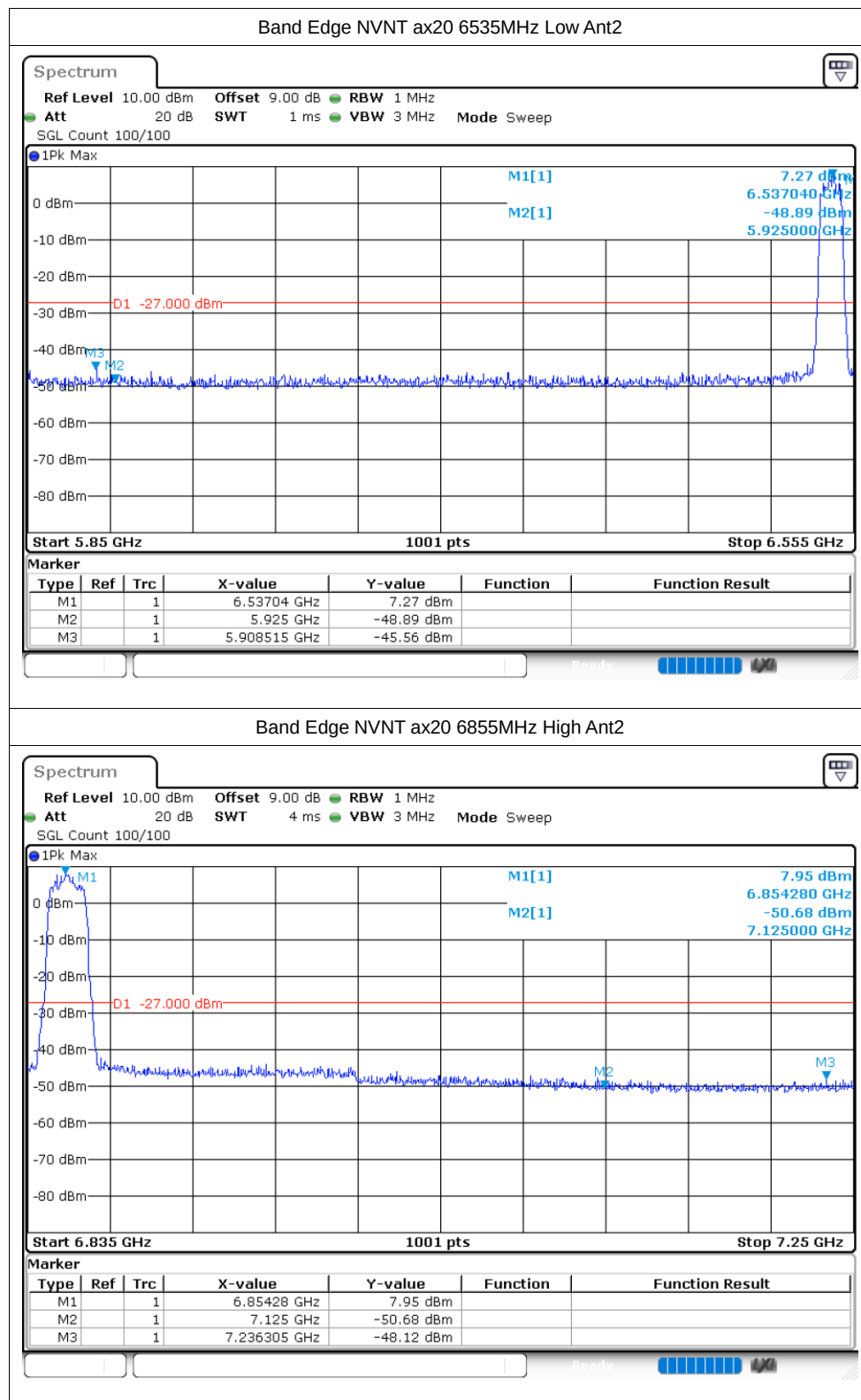


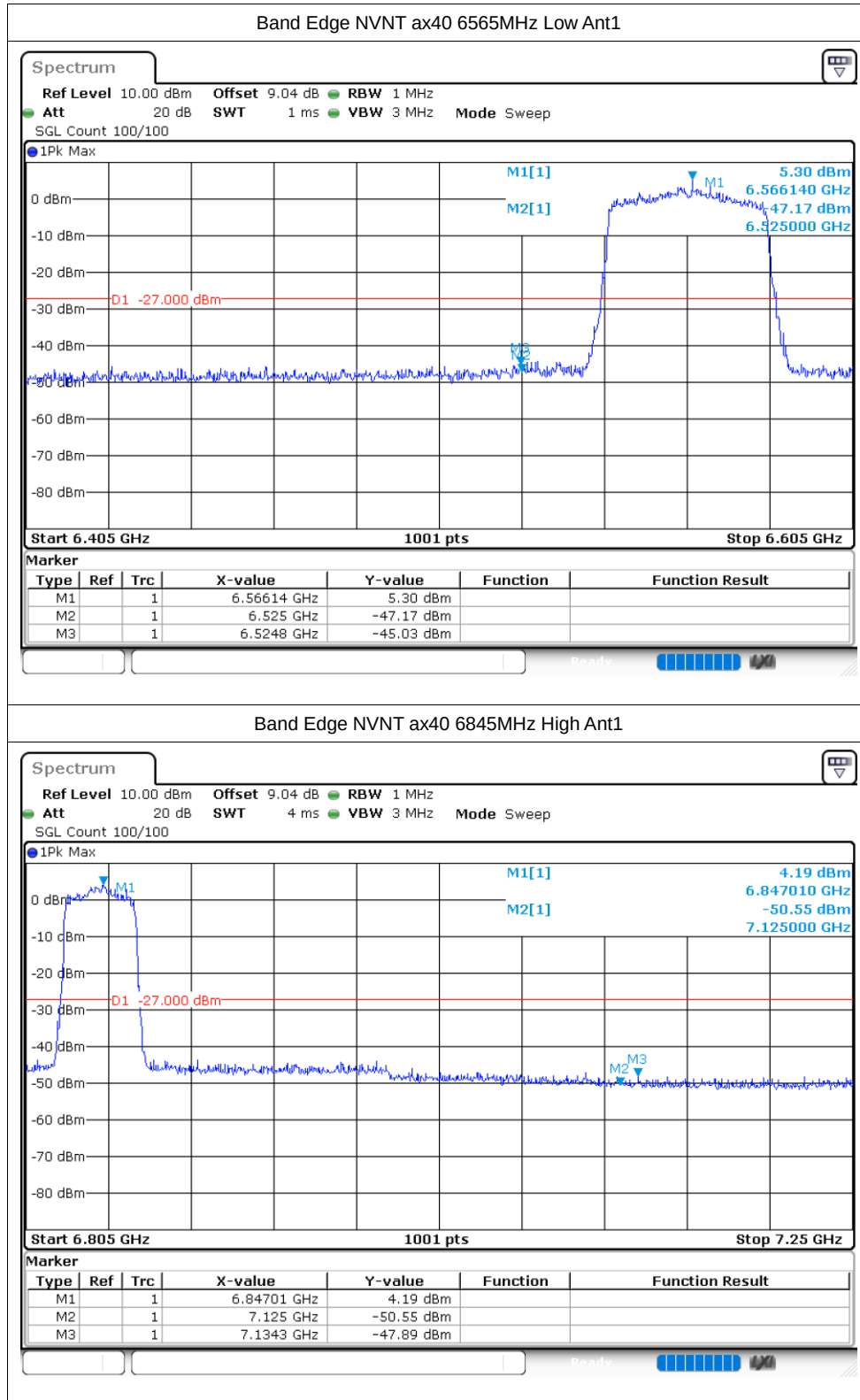
Band Edge NVNT ax160 6825MHz High Ant1

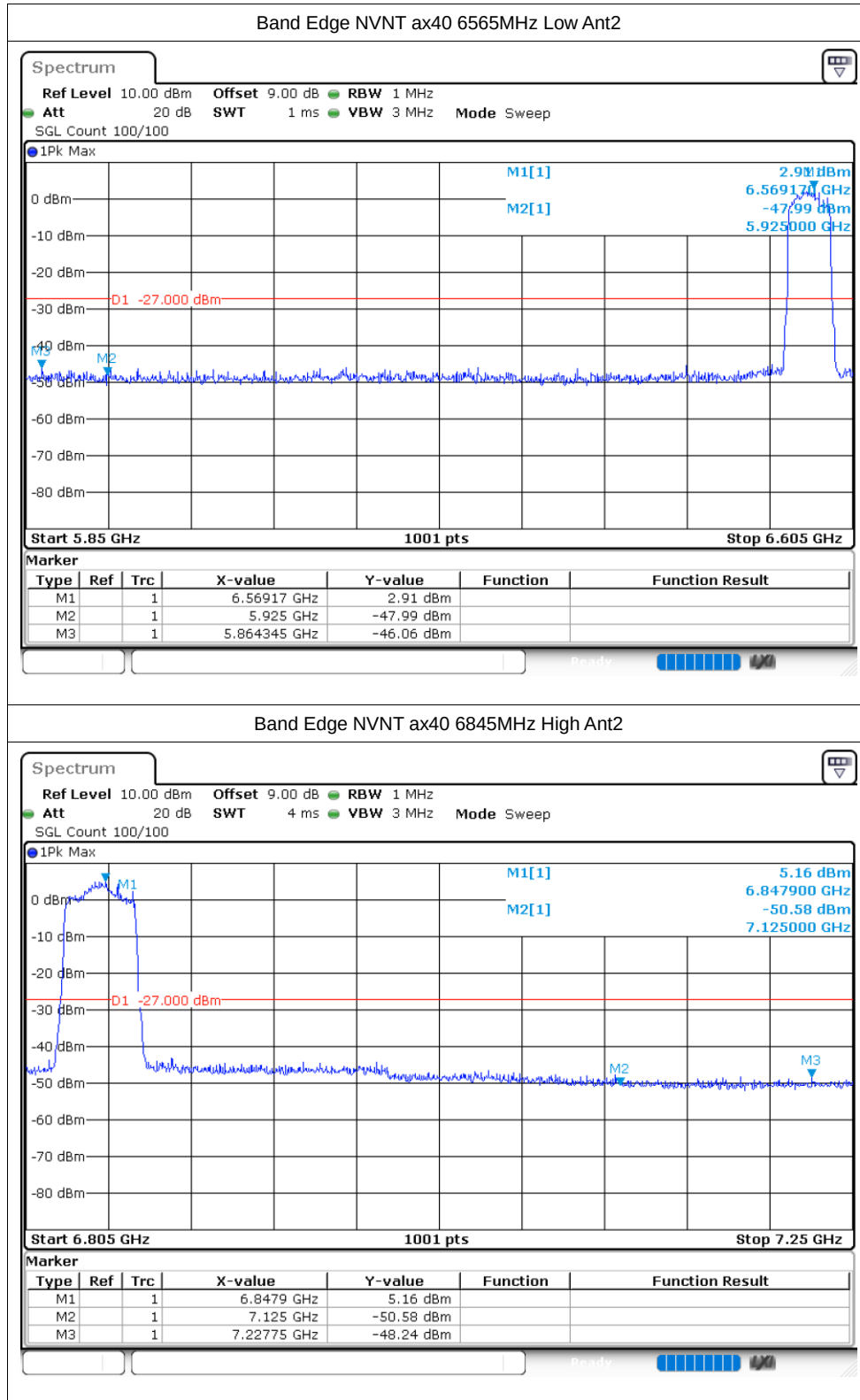


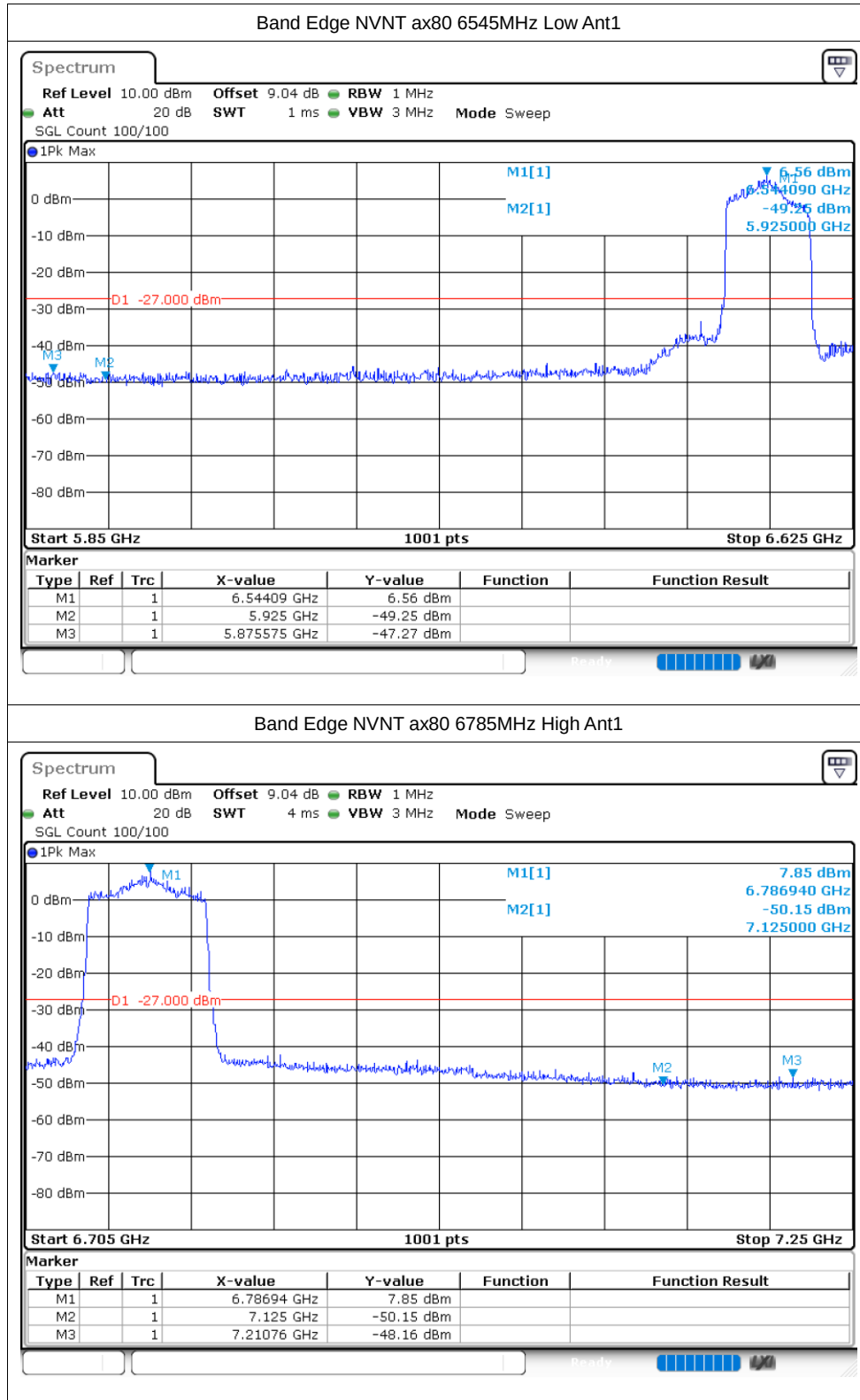


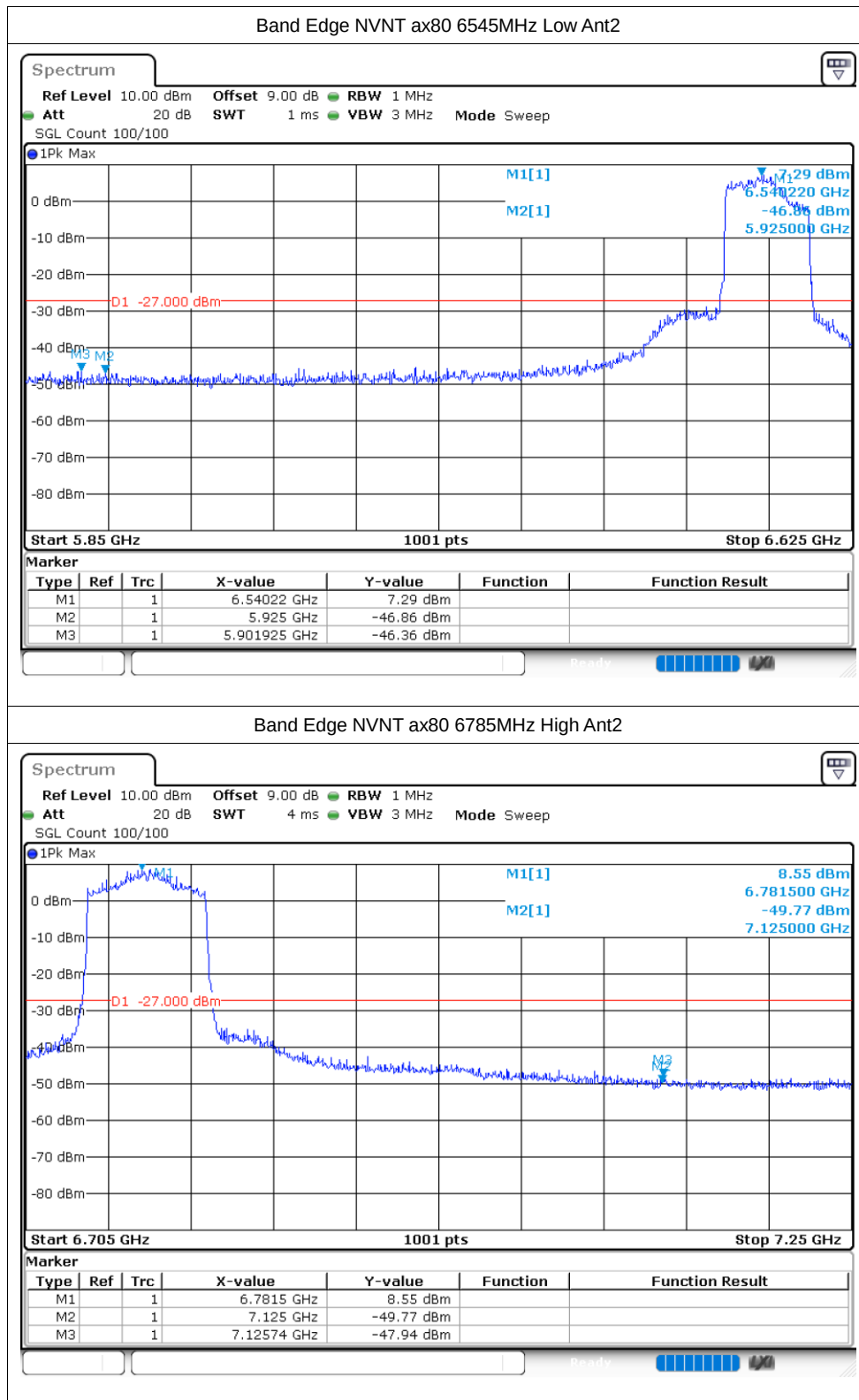










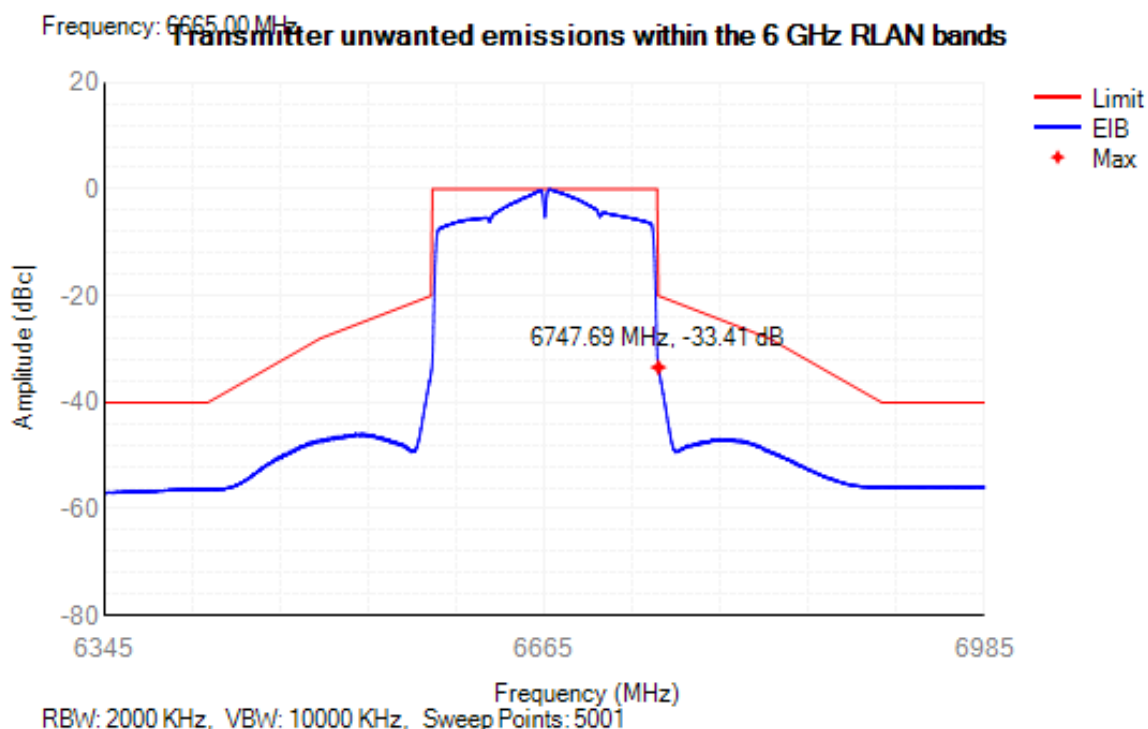


Power spectral mask

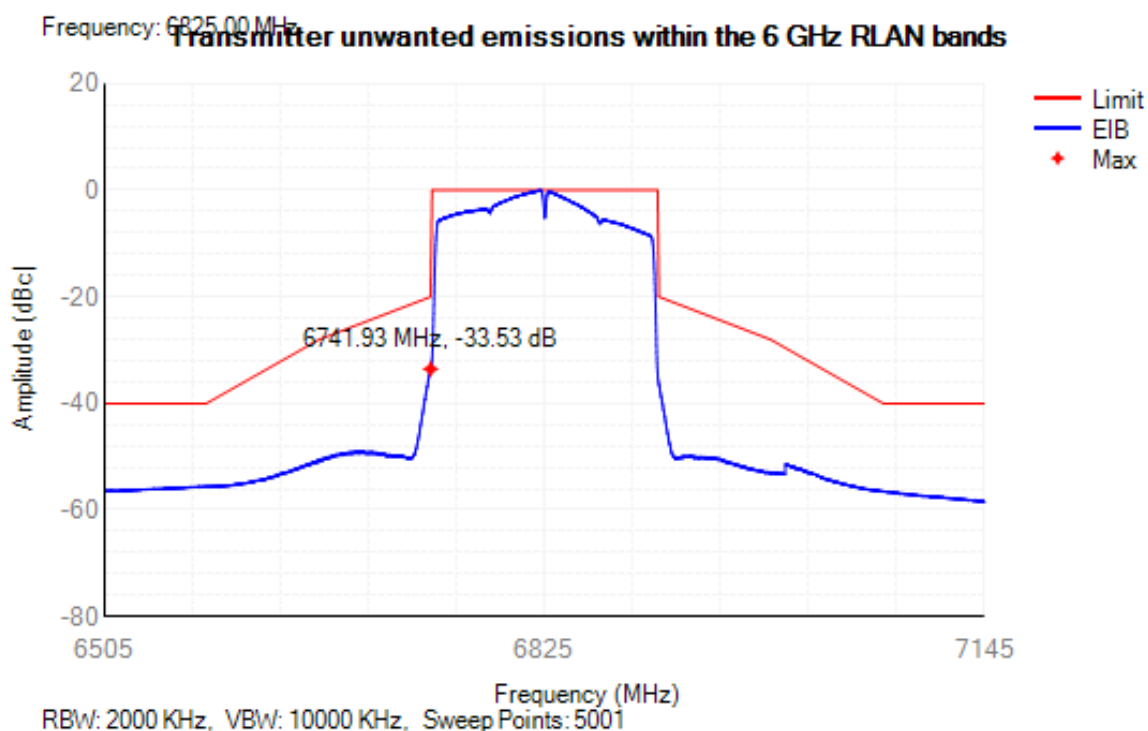
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6665	Ant1	Band1	6747.69	-33.41	-20	Pass
NVNT	ax160	6825	Ant1	Band1	6741.93	-33.53	-20	Pass
NVNT	ax160	6665	Ant2	Band1	6748.07	-33.16	-20	Pass
NVNT	ax160	6825	Ant2	Band1	6742.18	-33.47	-20	Pass
NVNT	ax20	6535	Ant1	Band1	6574.62	-44.83	-40	Pass
NVNT	ax20	6695	Ant1	Band1	6734.55	-45.38	-40	Pass
NVNT	ax20	6855	Ant1	Band1	6866.41	-36.06	-20	Pass
NVNT	ax20	6535	Ant2	Band1	6568.98	-45.02	-40	Pass
NVNT	ax20	6695	Ant2	Band1	6733.69	-43.84	-40	Pass
NVNT	ax20	6855	Ant2	Band1	6843.37	-36.22	-20	Pass
NVNT	ax40	6565	Ant1	Band1	6642.57	-50.53	-40	Pass
NVNT	ax40	6685	Ant1	Band1	6754.28	-51.83	-40	Pass
NVNT	ax40	6845	Ant1	Band1	6823.88	-35.09	-20	Pass
NVNT	ax40	6565	Ant2	Band1	6642.02	-41.06	-40	Pass
NVNT	ax40	6685	Ant2	Band1	6762.73	-40.88	-40	Pass
NVNT	ax40	6845	Ant2	Band1	6823.88	-35.62	-20	Pass
NVNT	ax80	6545	Ant1	Band1	6399.4	-53.33	-40	Pass
NVNT	ax80	6625	Ant1	Band1	6754.98	-53.27	-40	Pass
NVNT	ax80	6785	Ant1	Band1	6743.27	-34.62	-20	Pass
NVNT	ax80	6545	Ant2	Band1	6503.34	-34.38	-20	Pass
NVNT	ax80	6625	Ant2	Band1	6757.03	-54.18	-40	Pass
NVNT	ax80	6785	Ant2	Band1	6657.26	-55.57	-40	Pass

Test Graphs

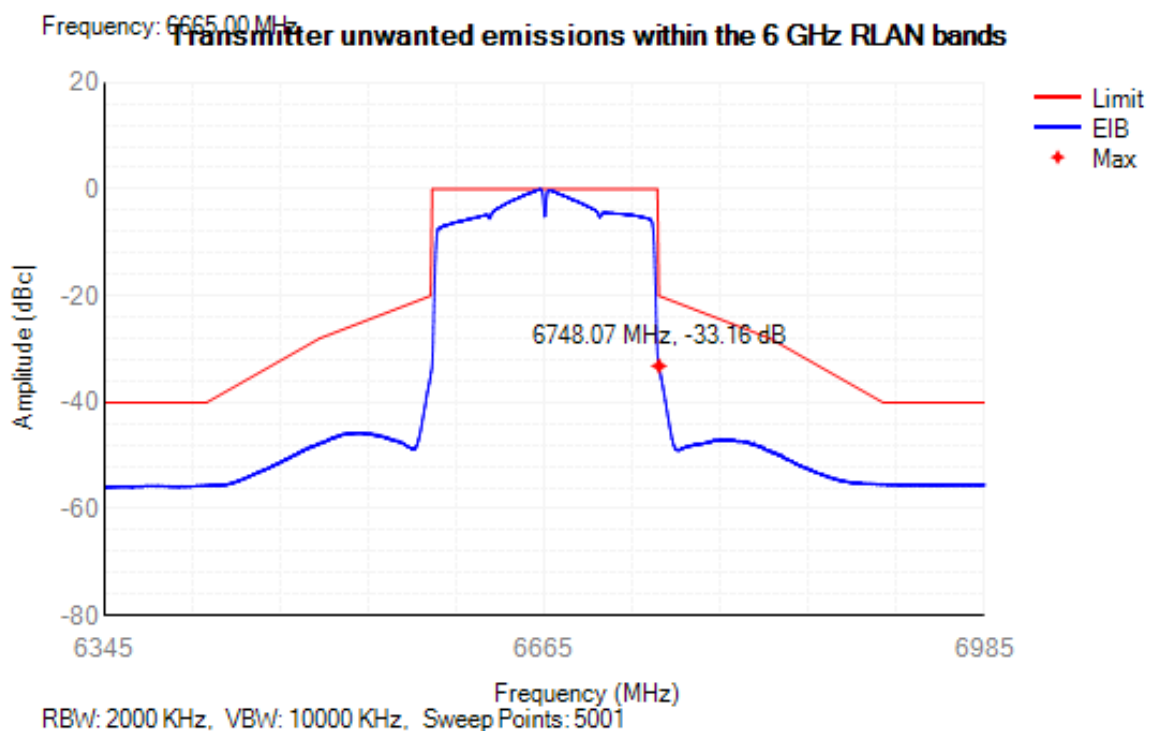
Power spectral mask NVNT ax160 6665MHz



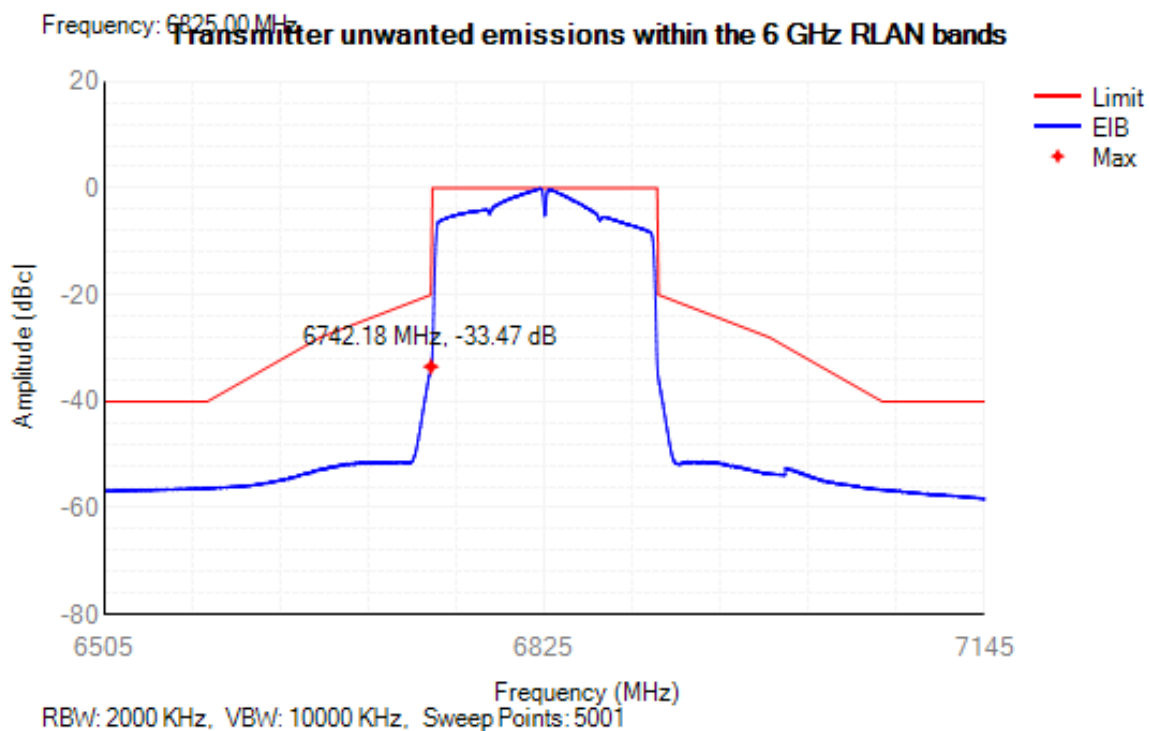
Power spectral mask NVNT ax160 6825MHz



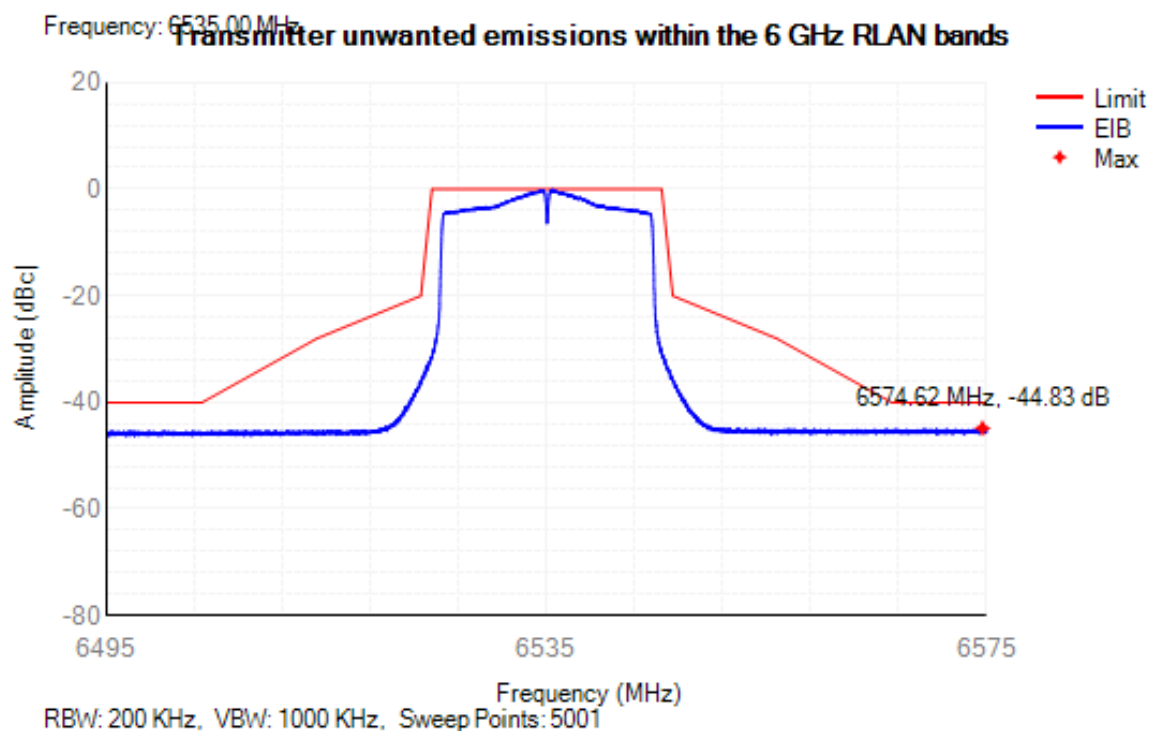
Power spectral mask NVNT ax160 6665MHz



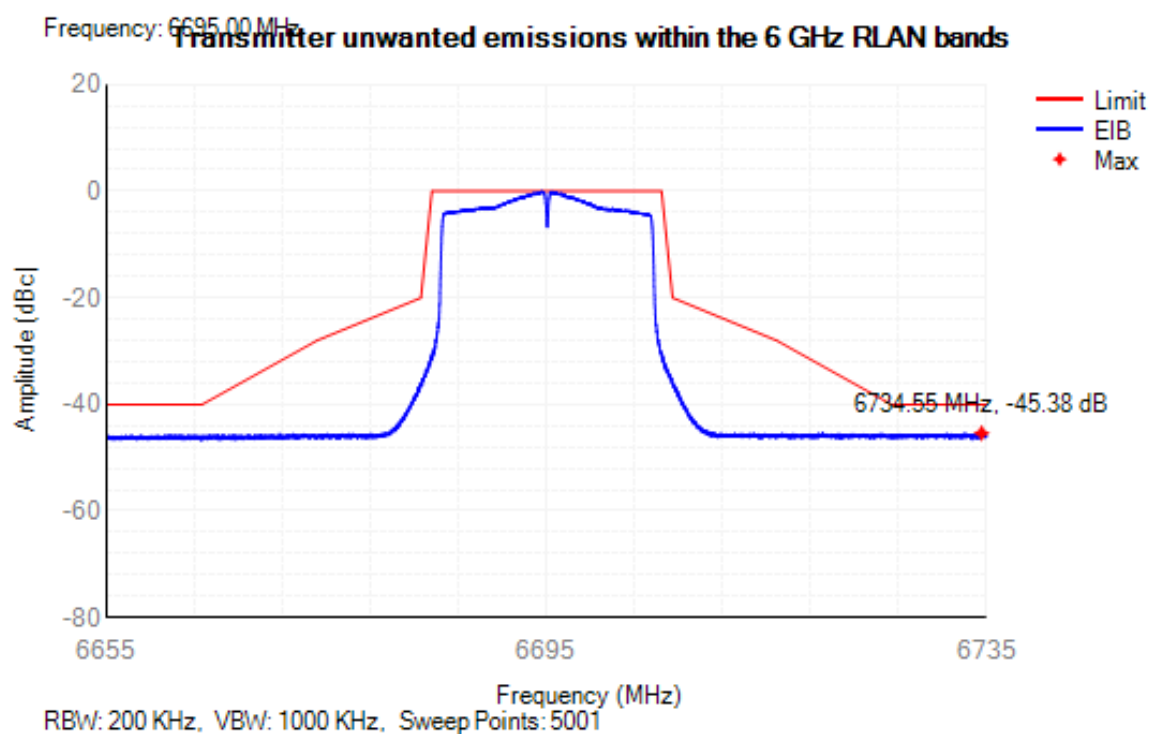
Power spectral mask NVNT ax160 6825MHz



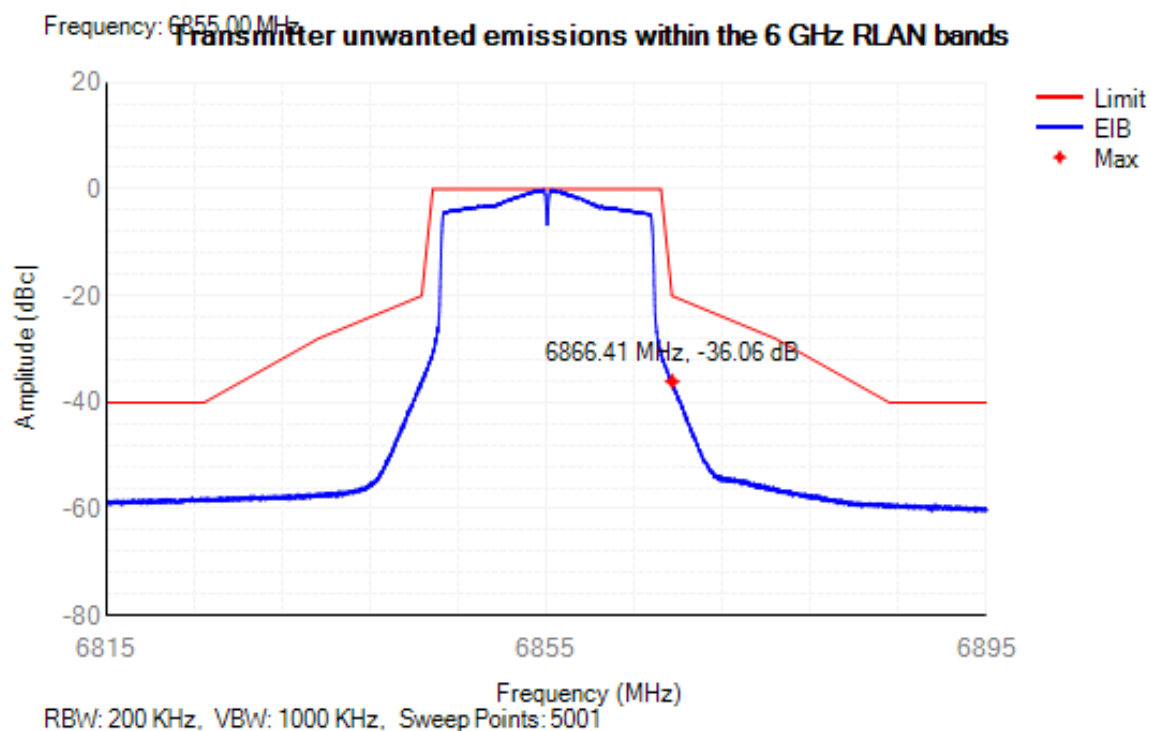
Power spectral mask NVNT ax20 6535MHz



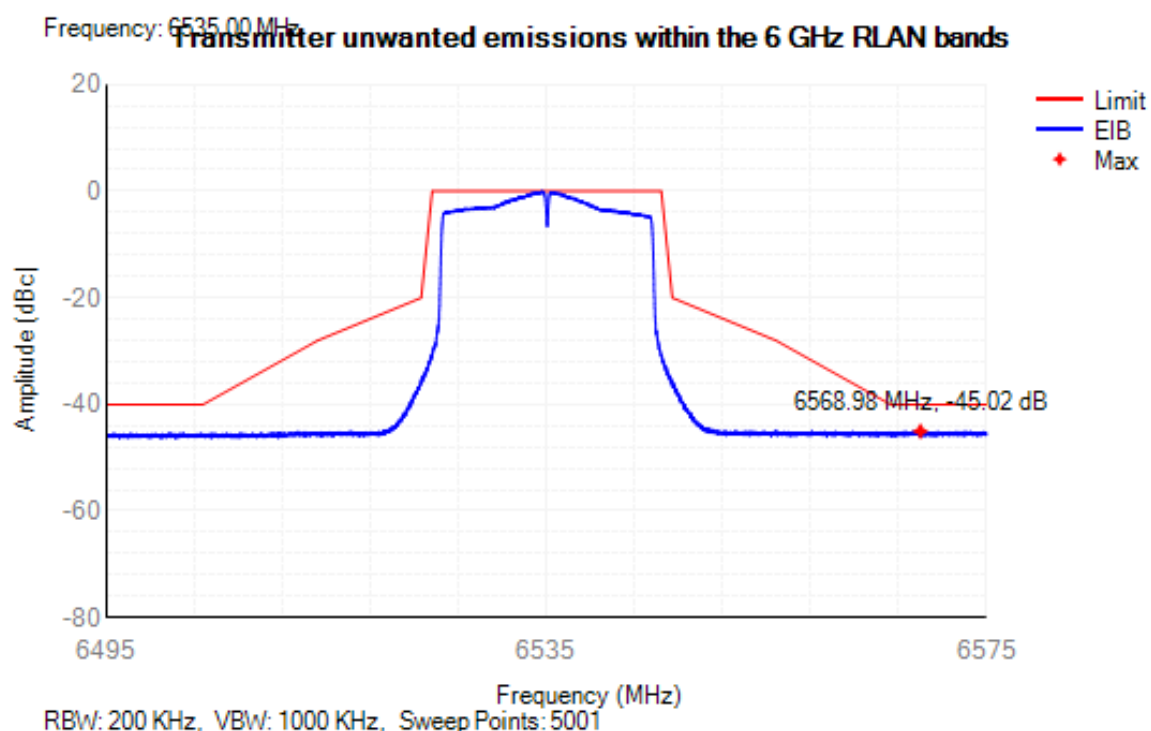
Power spectral mask NVNT ax20 6695MHz



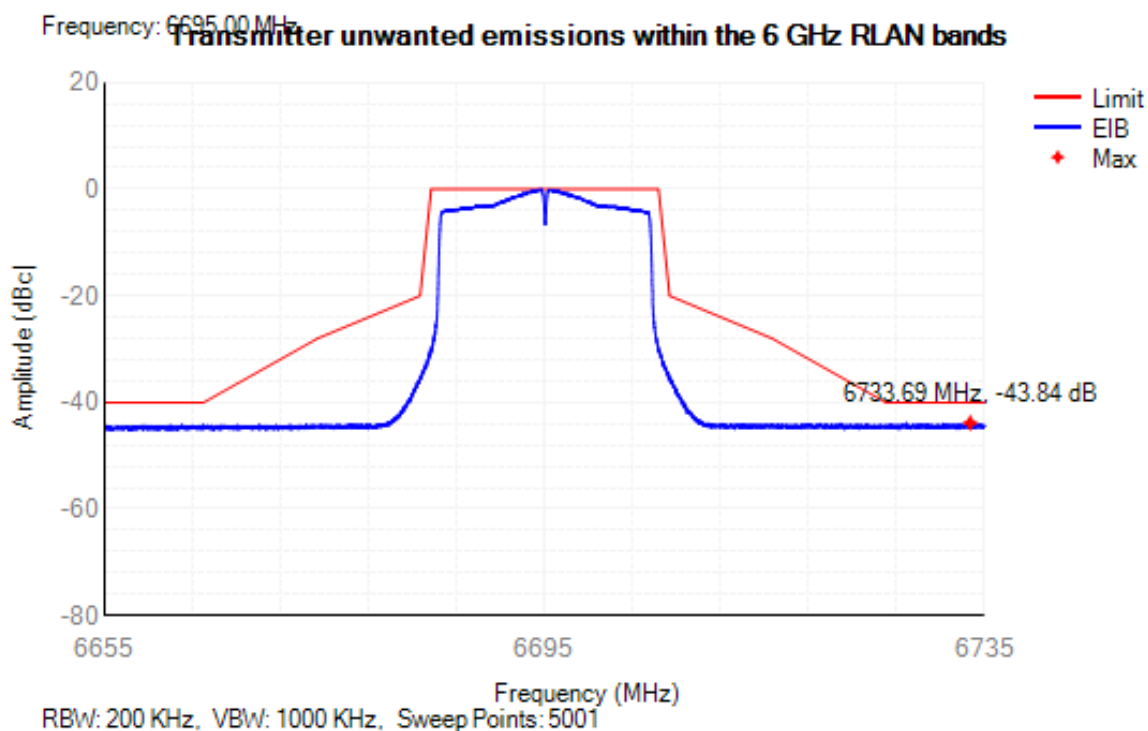
Power spectral mask NVNT ax20 6855MHz



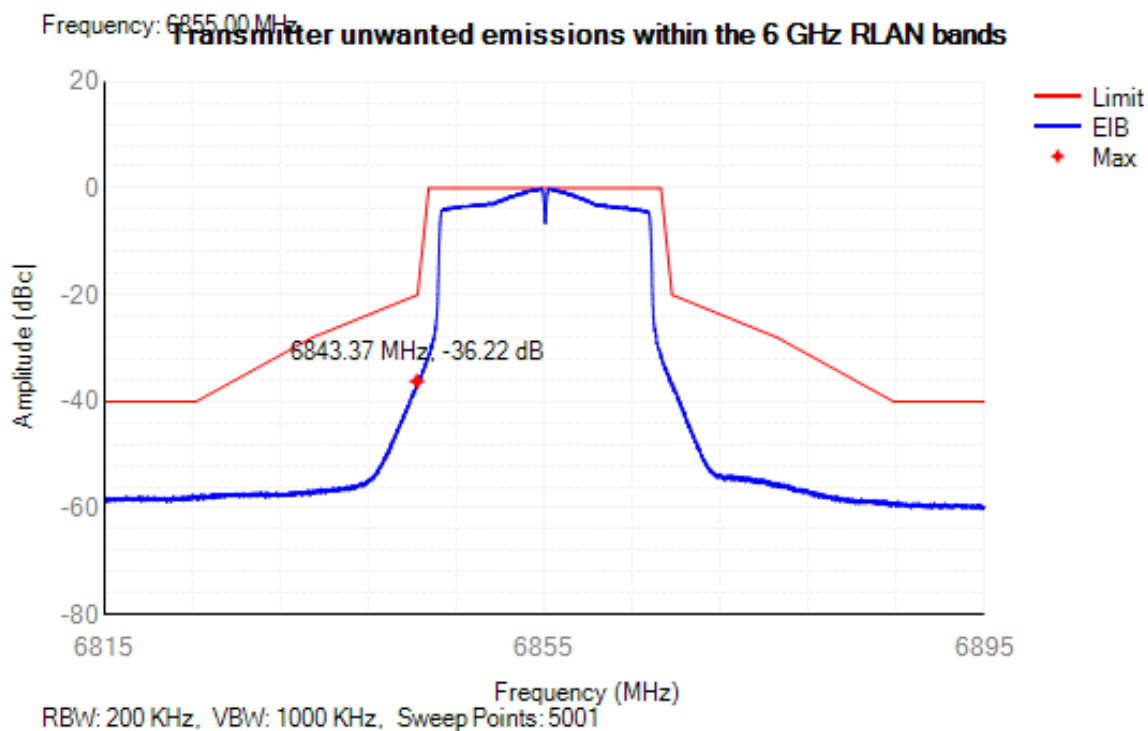
Power spectral mask NVNT ax20 6535MHz



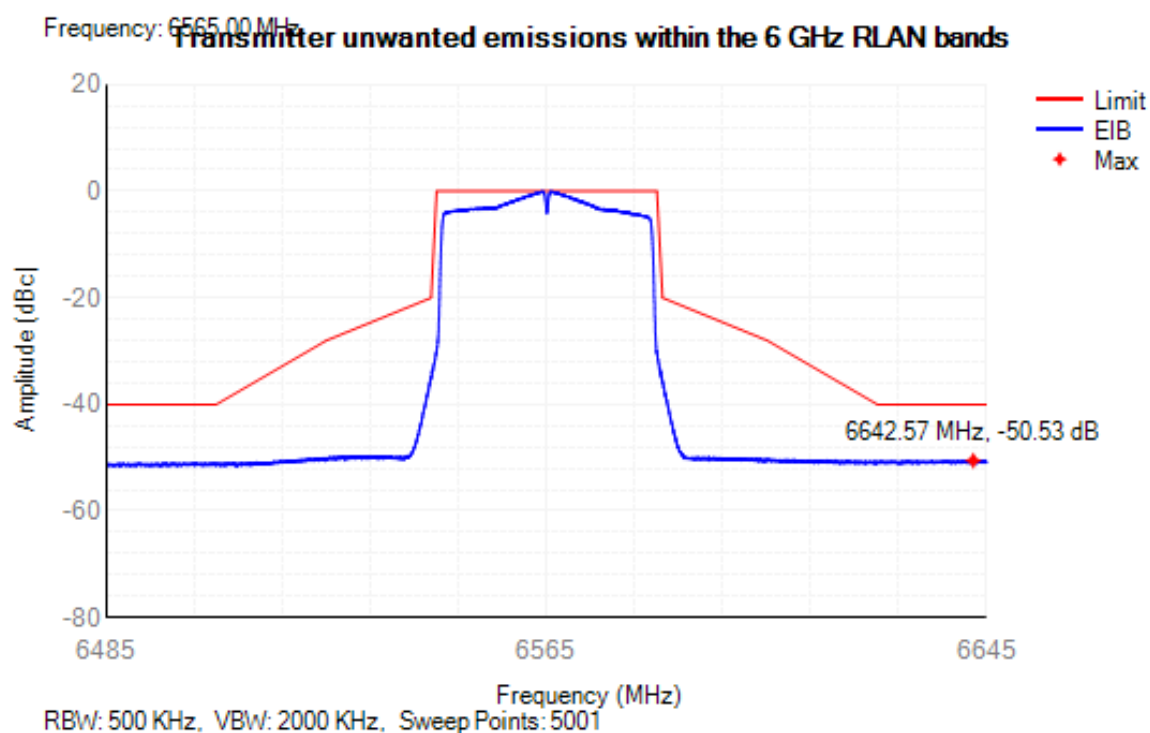
Power spectral mask NVNT ax20 6695MHz



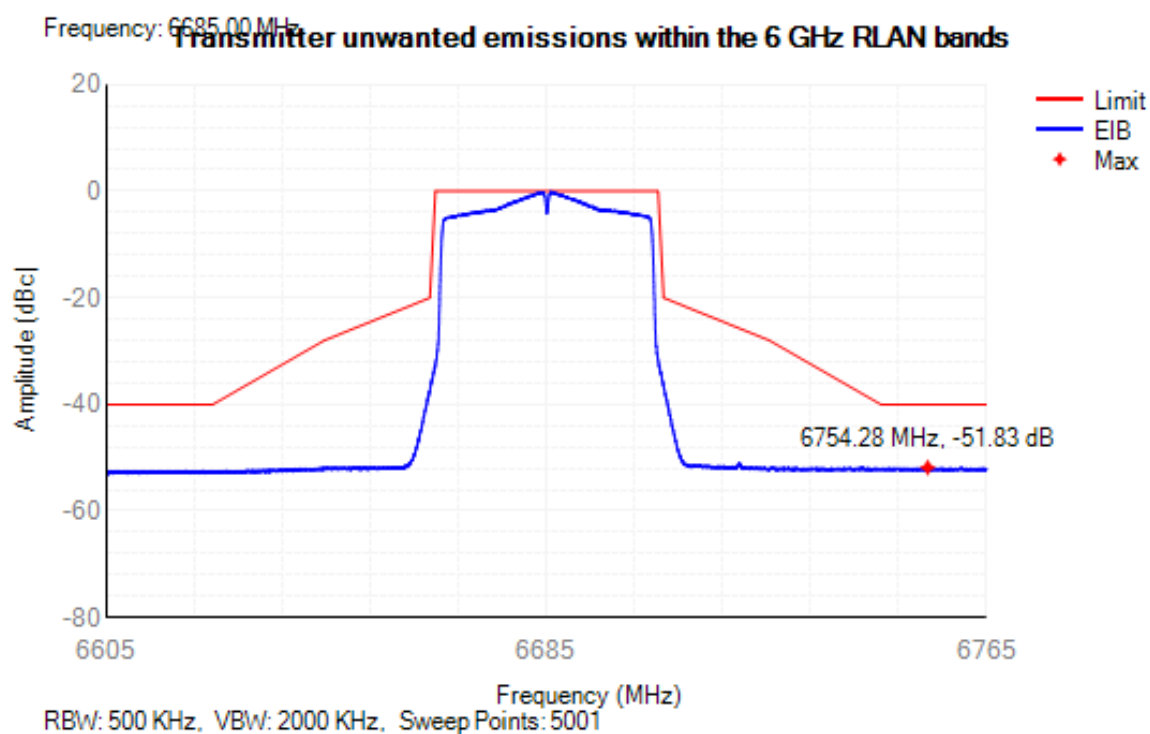
Power spectral mask NVNT ax20 6855MHz



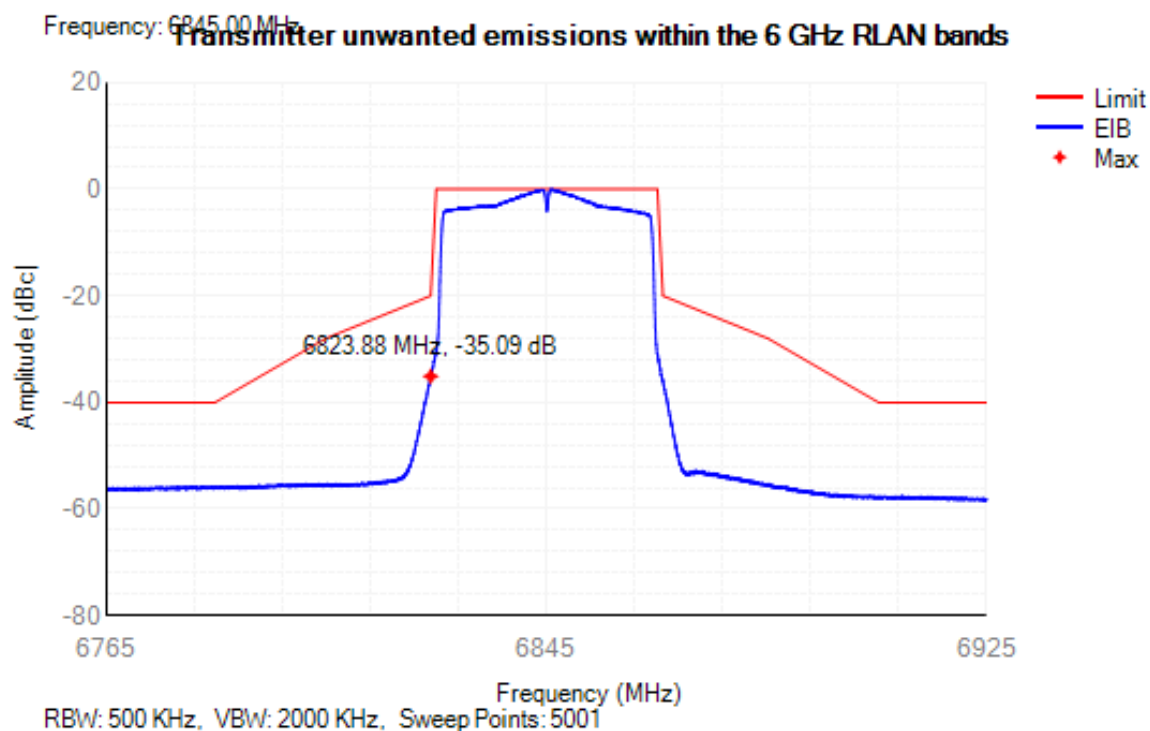
Power spectral mask NVNT ax40 6565MHz



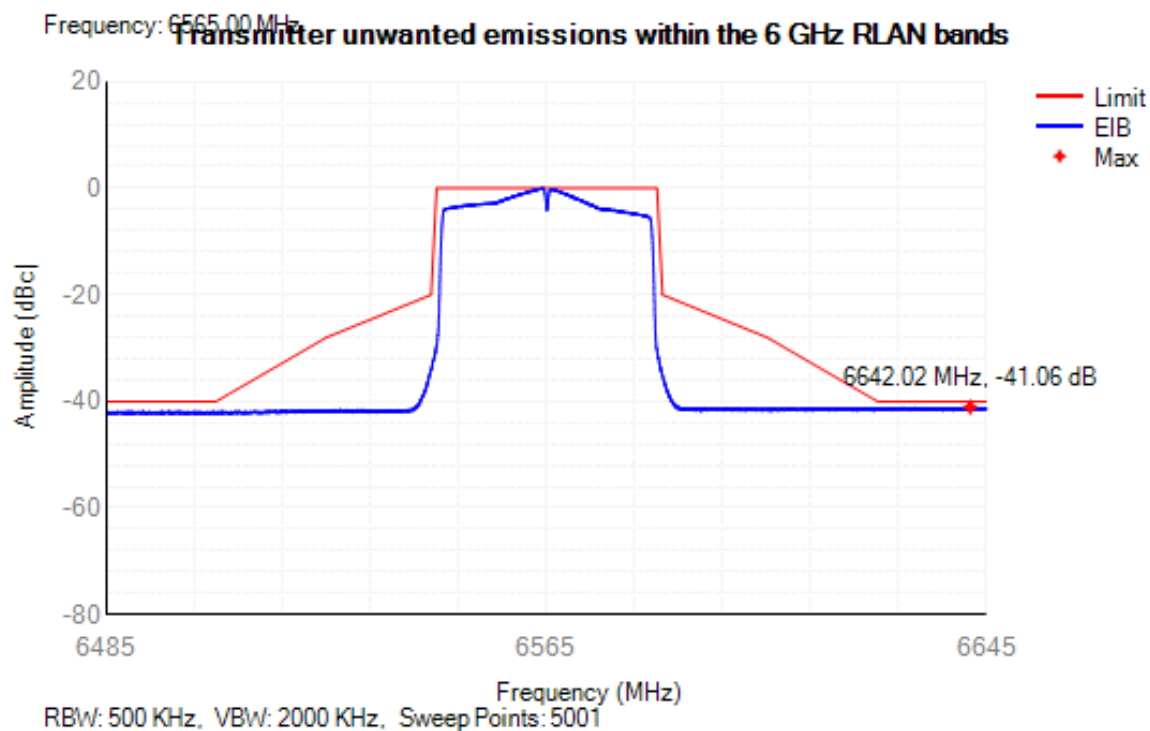
Power spectral mask NVNT ax40 6685MHz



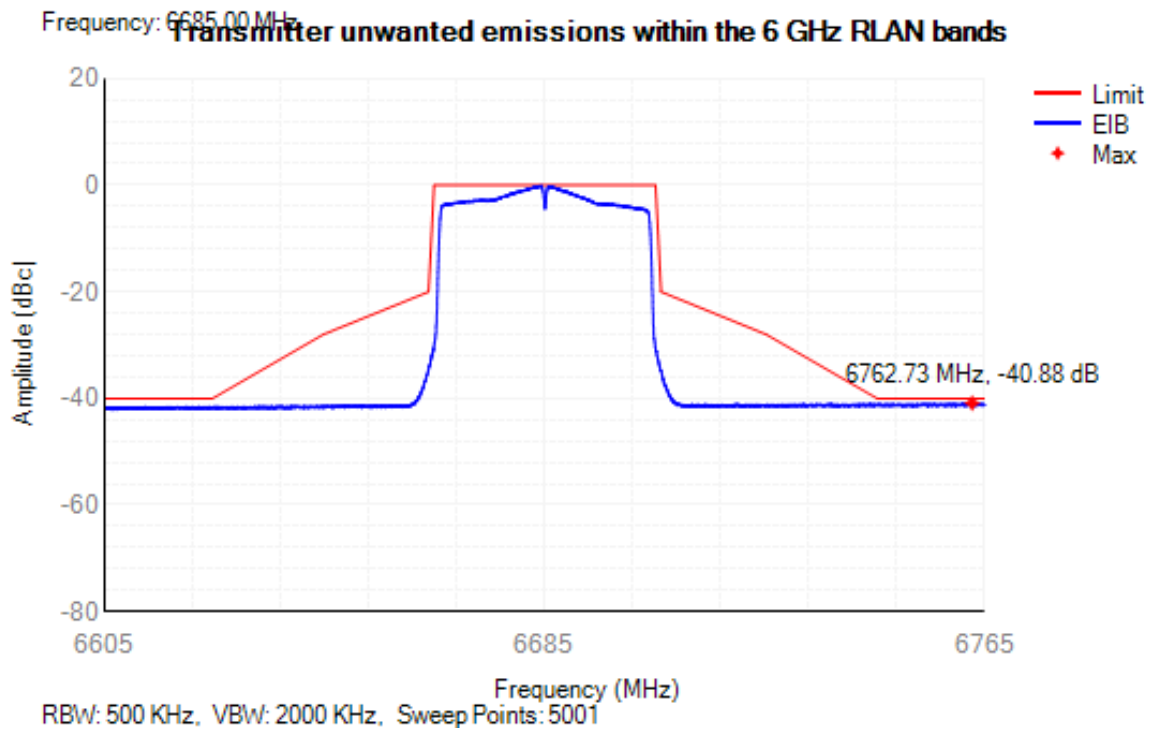
Power spectral mask NVNT ax40 6845MHz



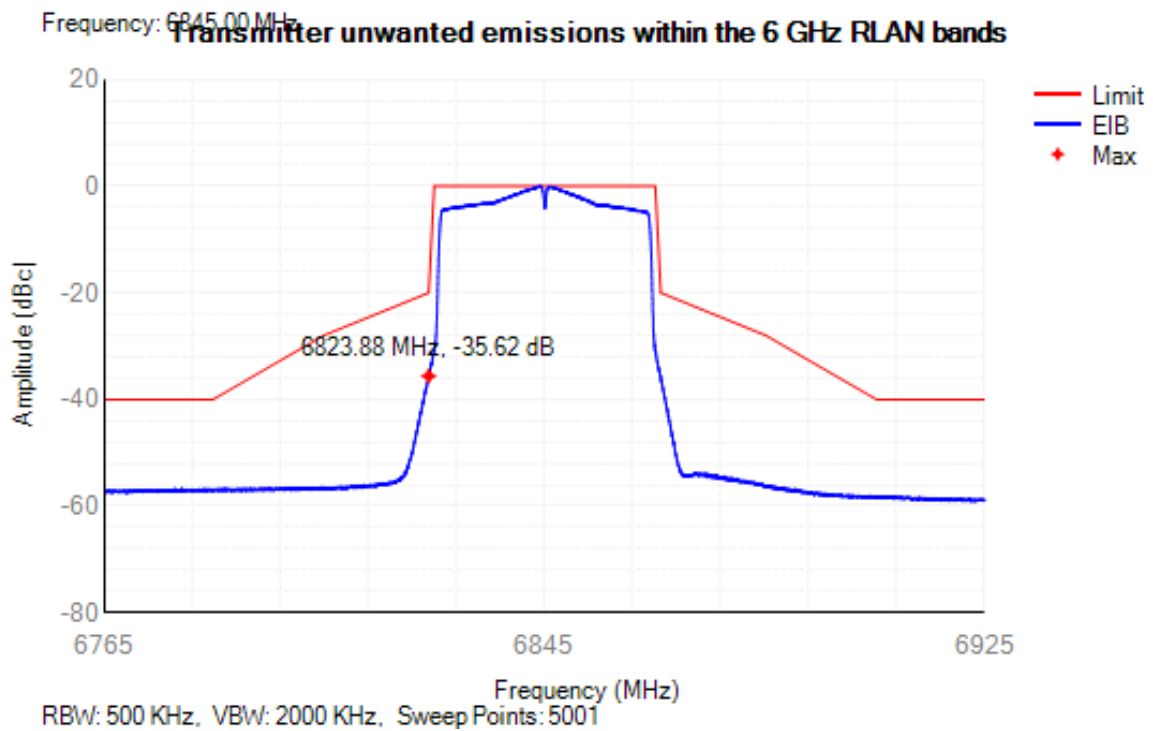
Power spectral mask NVNT ax40 6565MHz



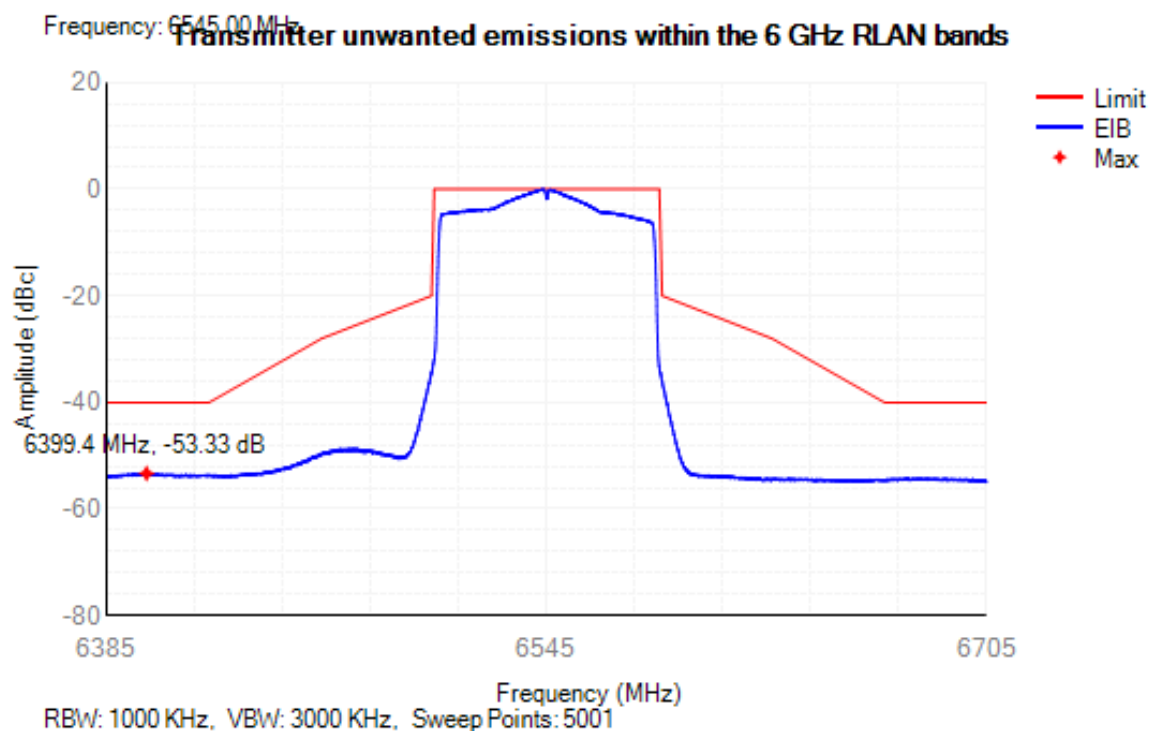
Power spectral mask NVNT ax40 6685MHz



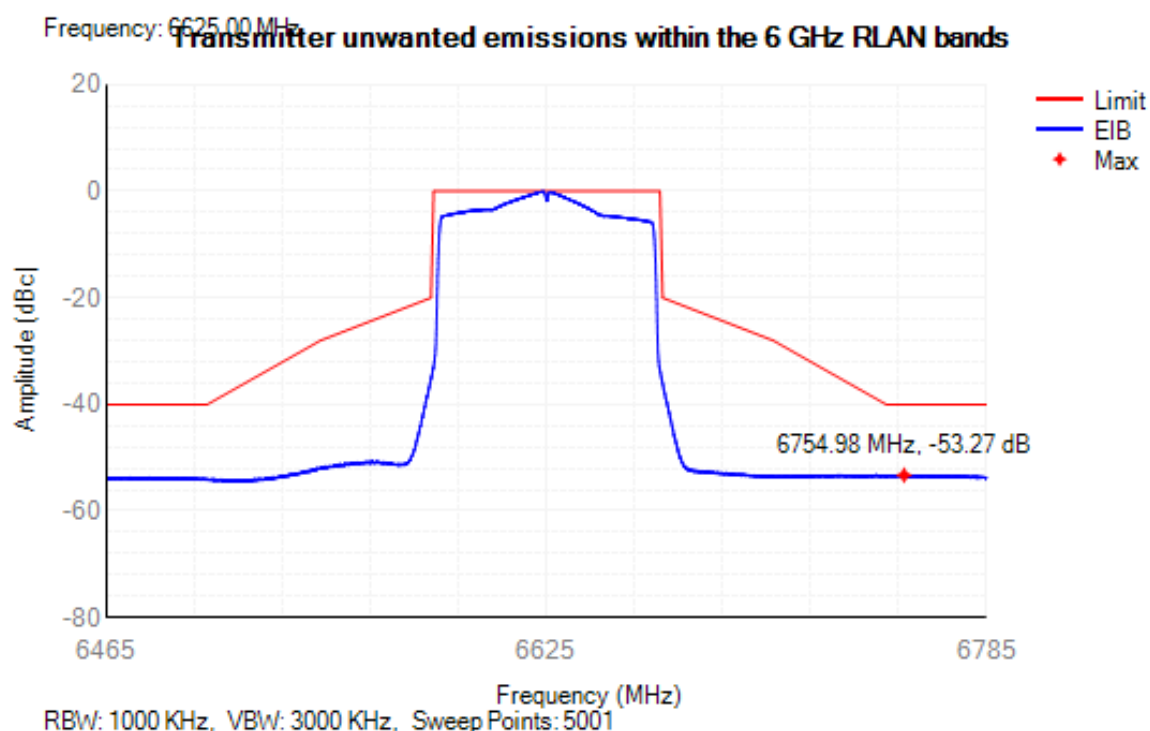
Power spectral mask NVNT ax40 6845MHz



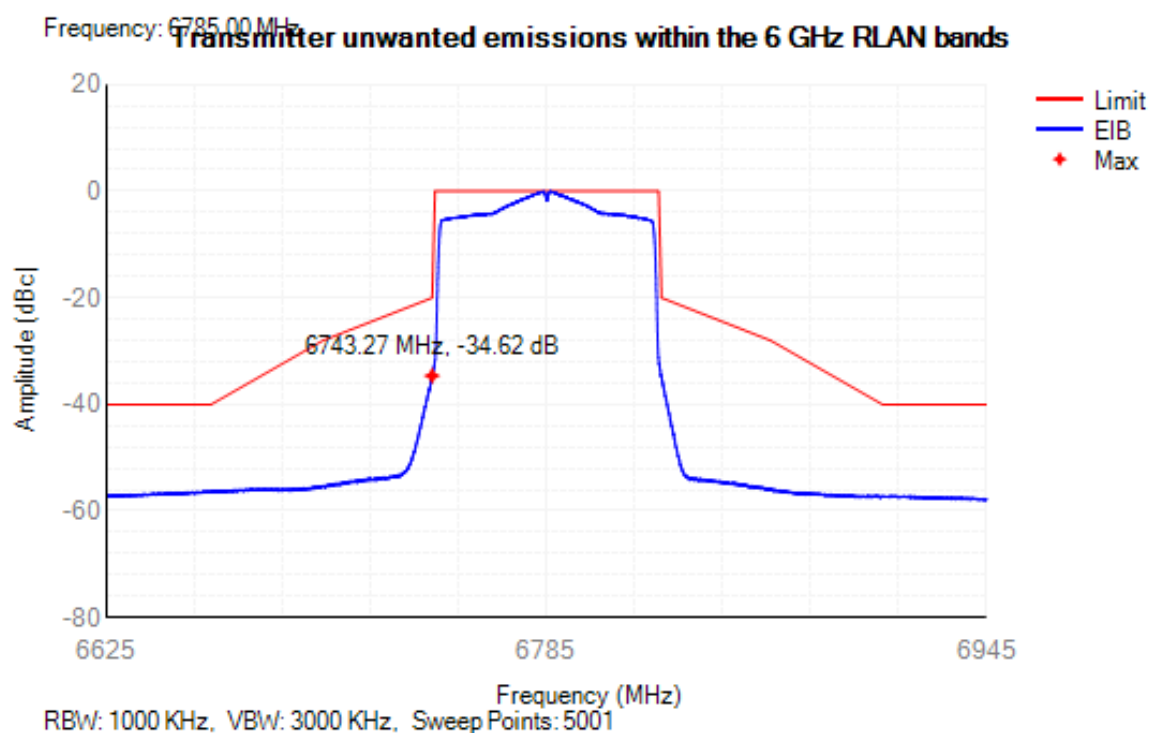
Power spectral mask NVNT ax80 6545MHz



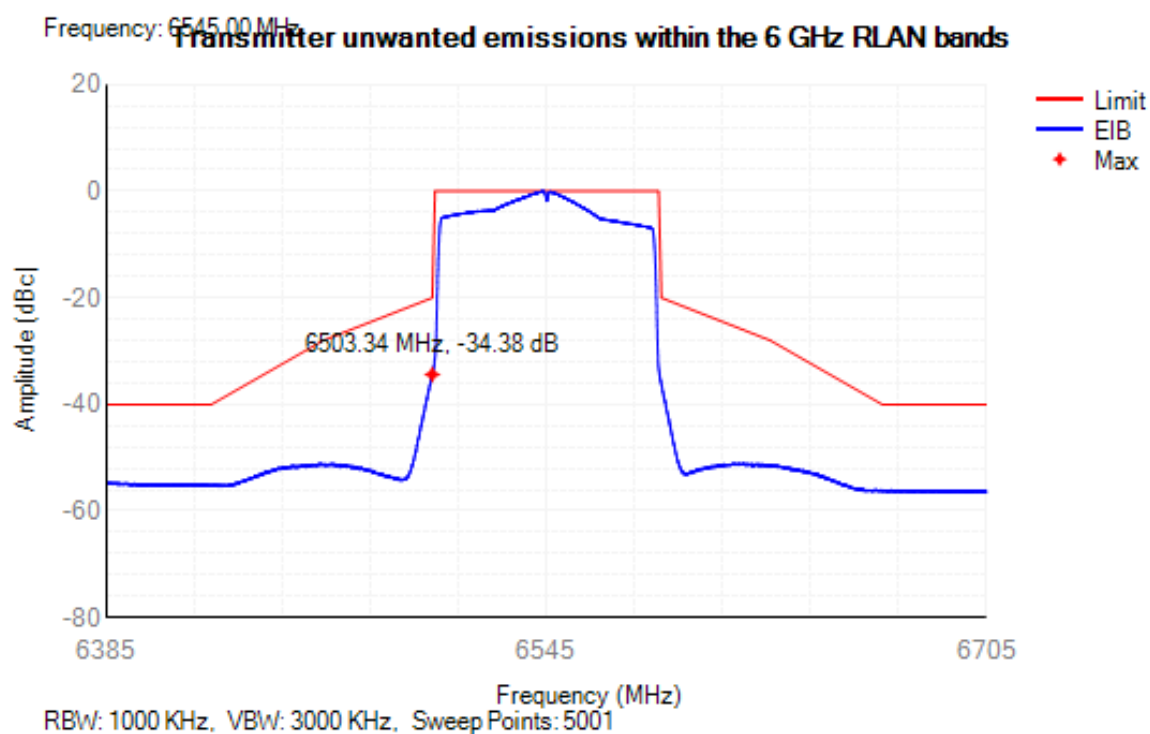
Power spectral mask NVNT ax80 6625MHz



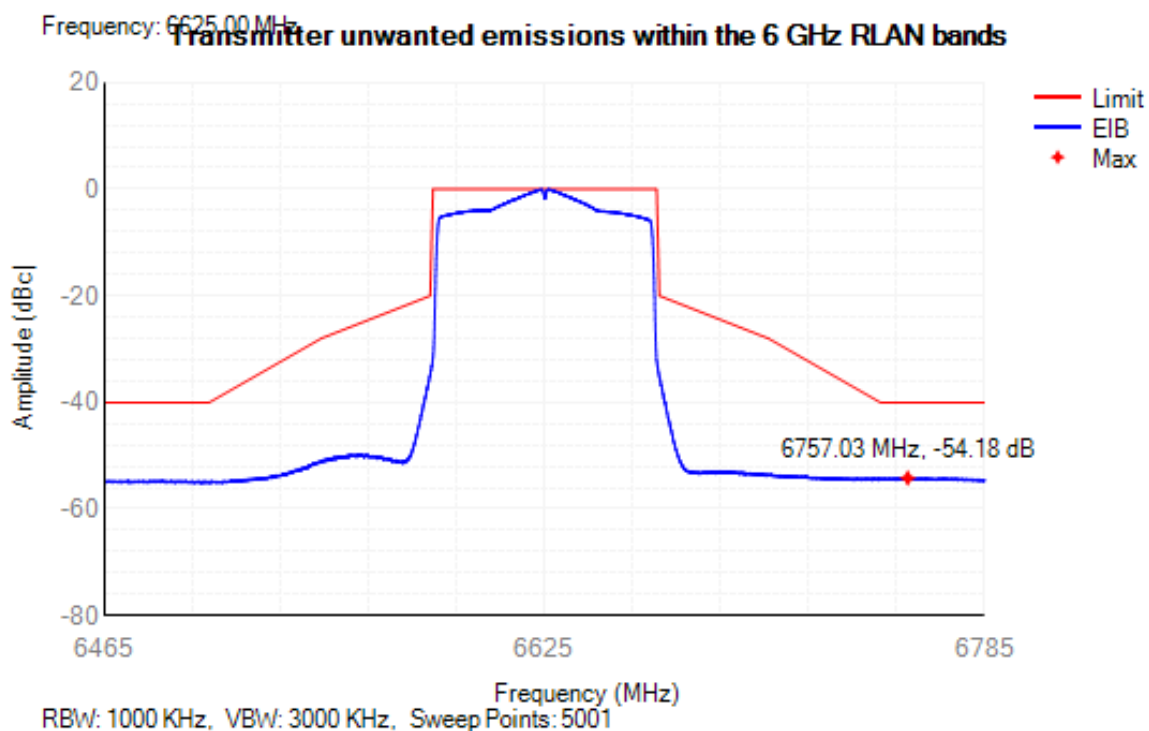
Power spectral mask NVNT ax80 6785MHz



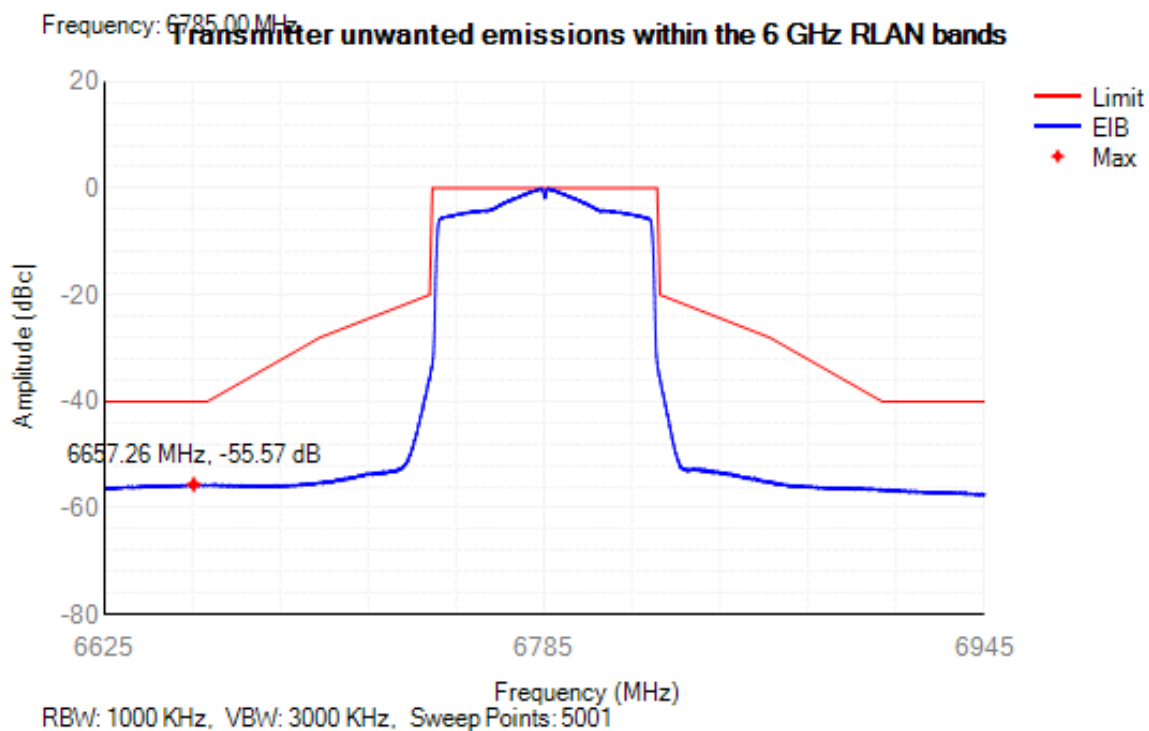
Power spectral mask NVNT ax80 6545MHz



Power spectral mask NVNT ax80 6625MHz

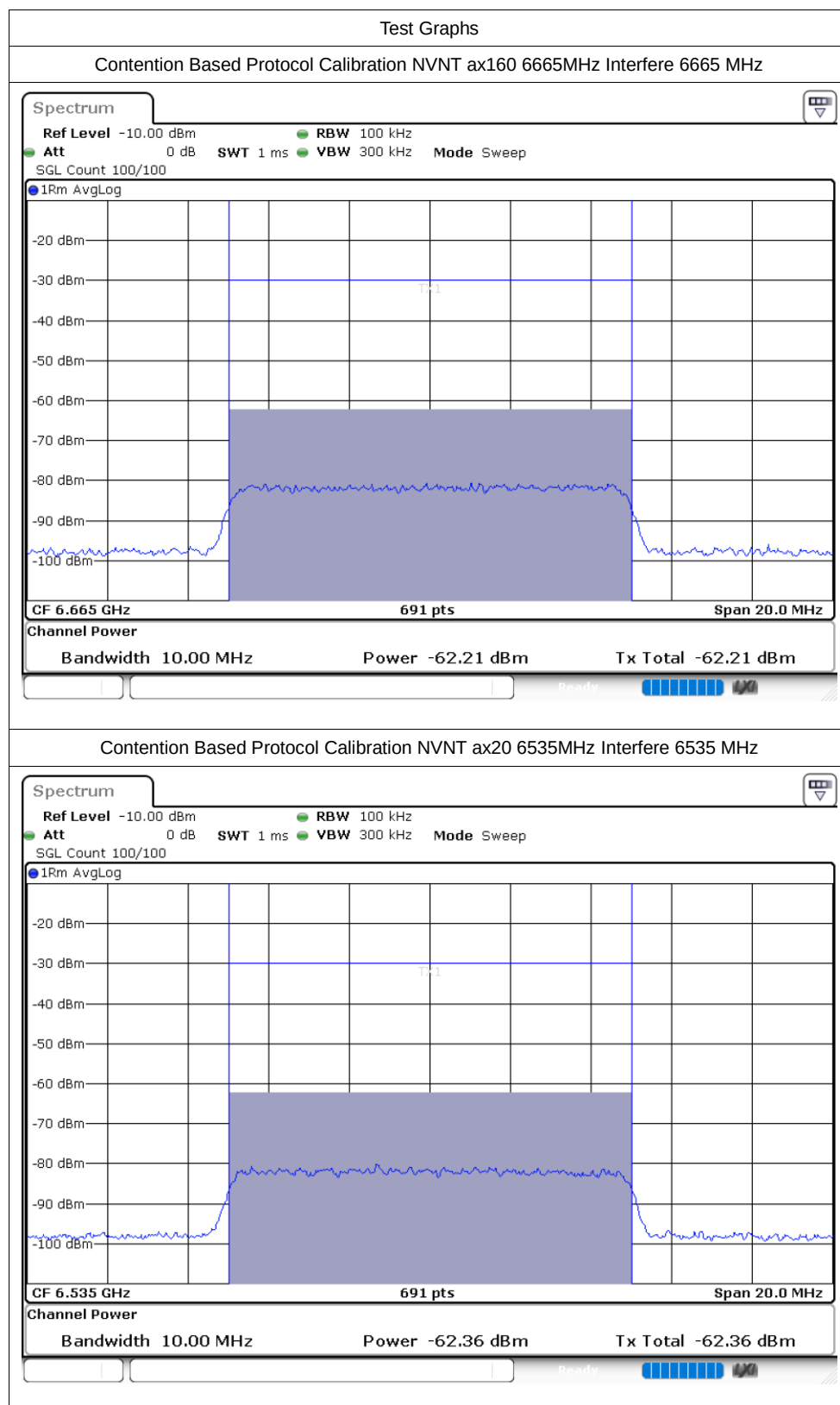


Power spectral mask NVNT ax80 6785MHz



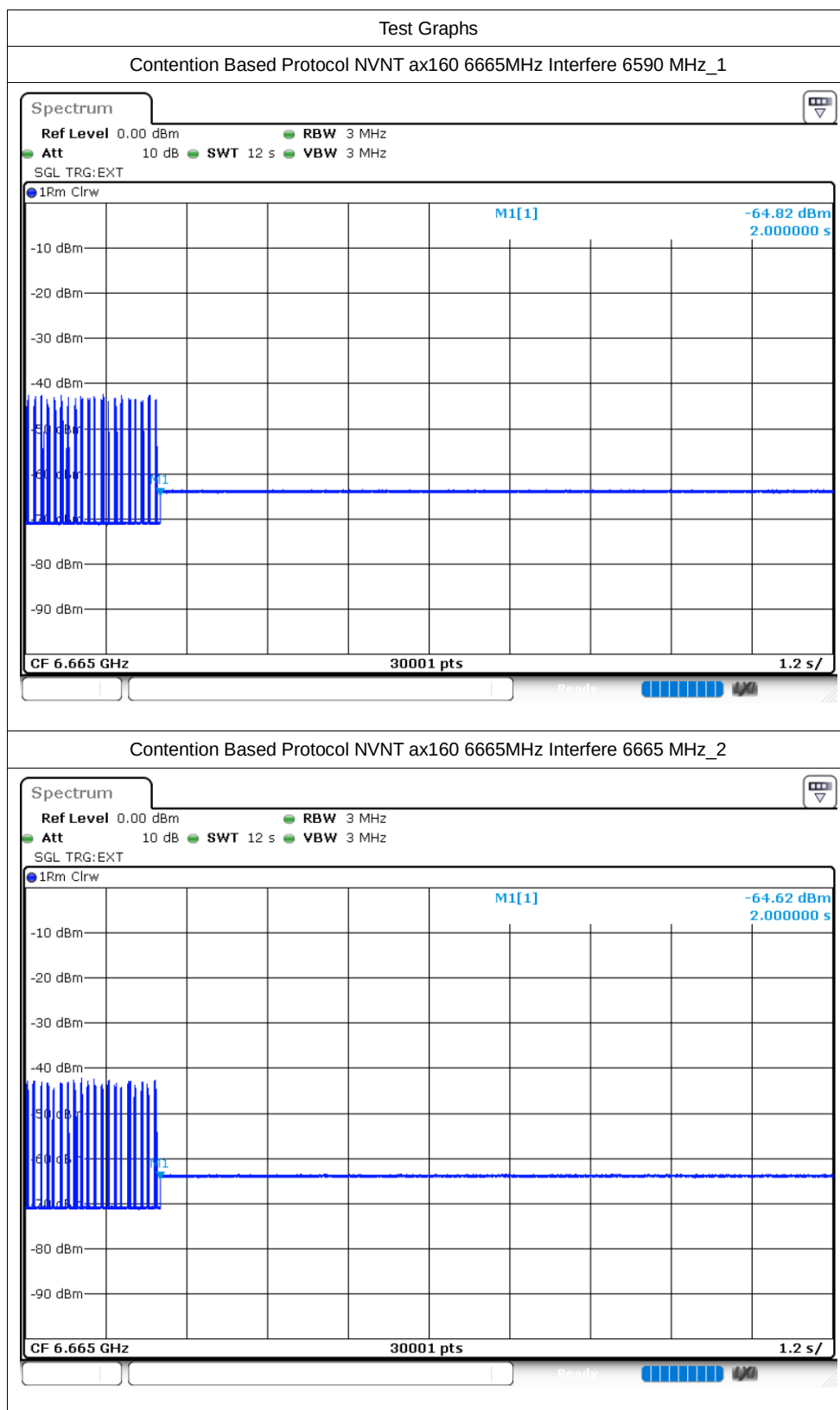
Contention Based Protocol Calibration

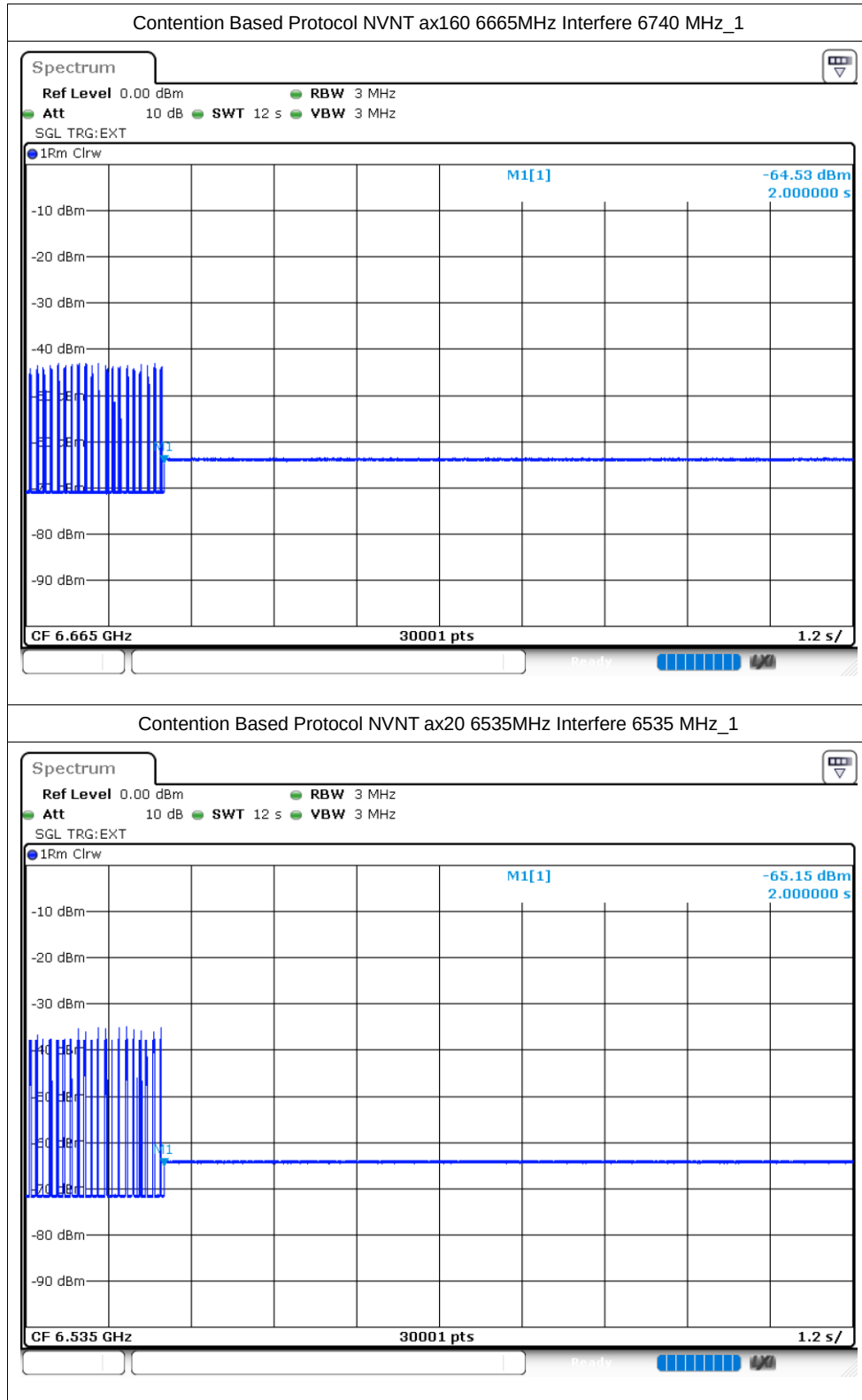
Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Injected Power (dBm)	Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Limit (dBm)
NVNT	ax160	6665	Ant1	Low	6665	-62.21	4.5	1.6	-65.11	-62
NVNT	ax20	6535	Ant1	Center	6535	-62.36	4.5	1.6	-65.26	-62



Contention Based Protocol

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Time	Detection Probability (%)	Verdict
NVNT	ax160	6665	Ant1	Low	6590	10	100	Pass
NVNT	ax160	6665	Ant1	Middle	6665	10	100	Pass
NVNT	ax160	6665	Ant1	High	6740	10	100	Pass
NVNT	ax20	6535	Ant1	Center	6535	10	100	Pass





6.7 WIFI MIMO

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6665	Sum	98.33	0	0.86
NVNT	ax160	6825	Sum	98.1	0	0.82
NVNT	ax20	6535	Sum	99.7	0	0.19
NVNT	ax20	6695	Sum	99.21	0	0.5
NVNT	ax20	6855	Sum	99.95	0	0.25
NVNT	ax40	6565	Sum	99.54	0	0.19
NVNT	ax40	6685	Sum	99.54	0	0.19
NVNT	ax40	6845	Sum	99.83	0	0.19
NVNT	ax80	6545	Sum	98.84	0	0.34
NVNT	ax80	6625	Sum	98.68	0	0.34
NVNT	ax80	6785	Sum	98.84	0	0.34

