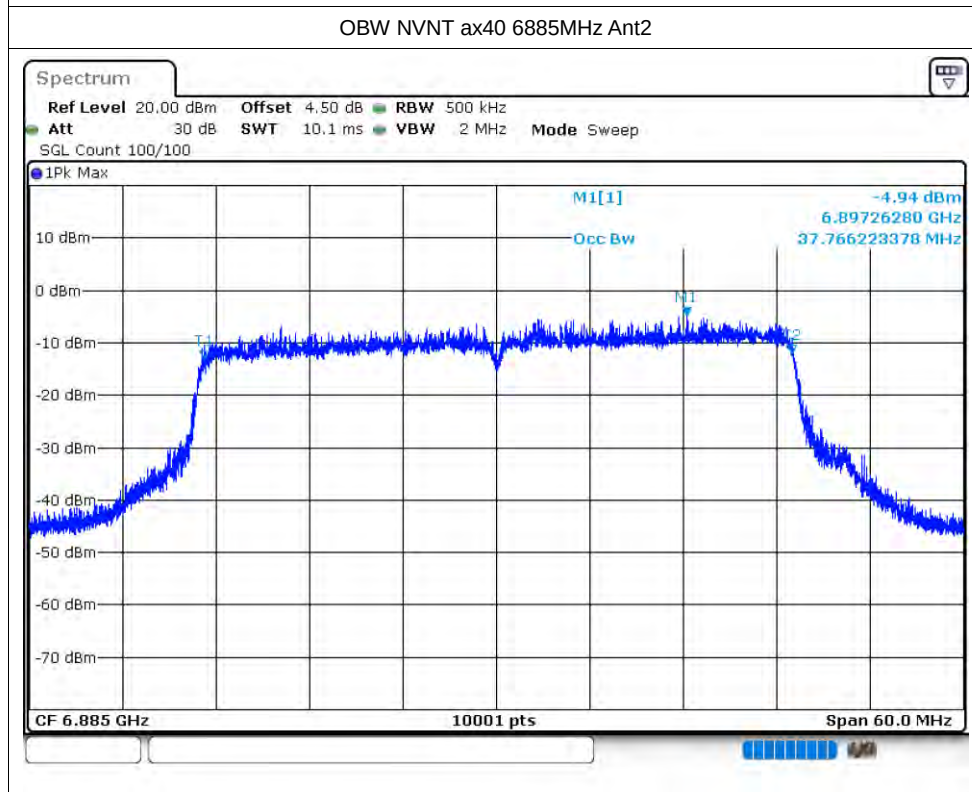
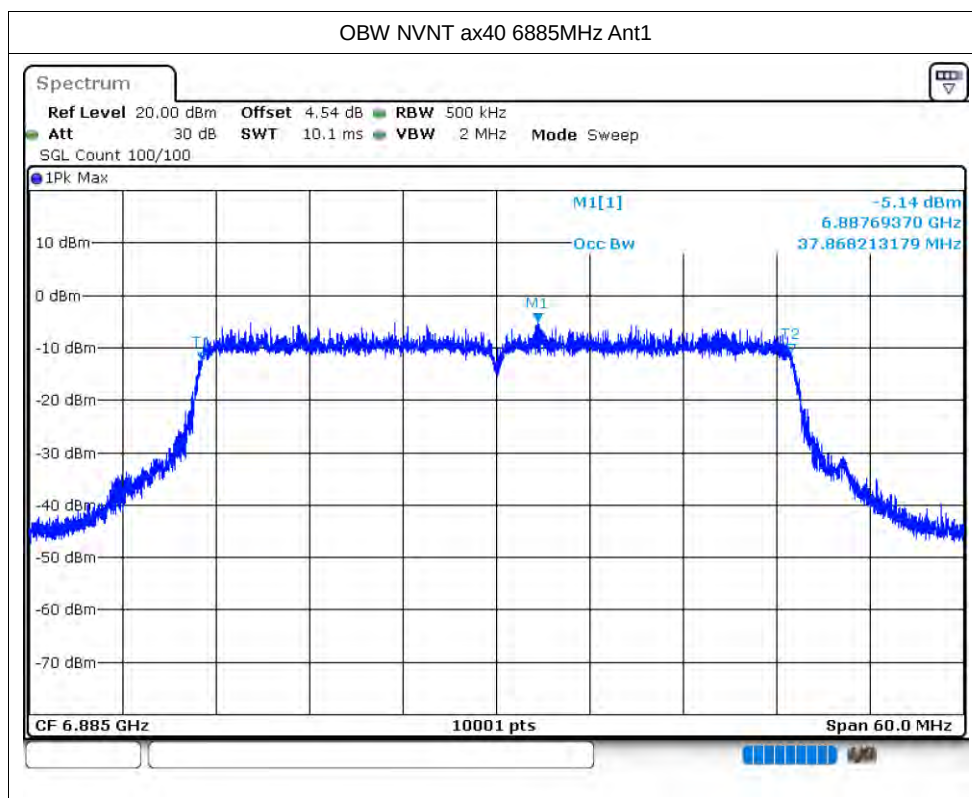
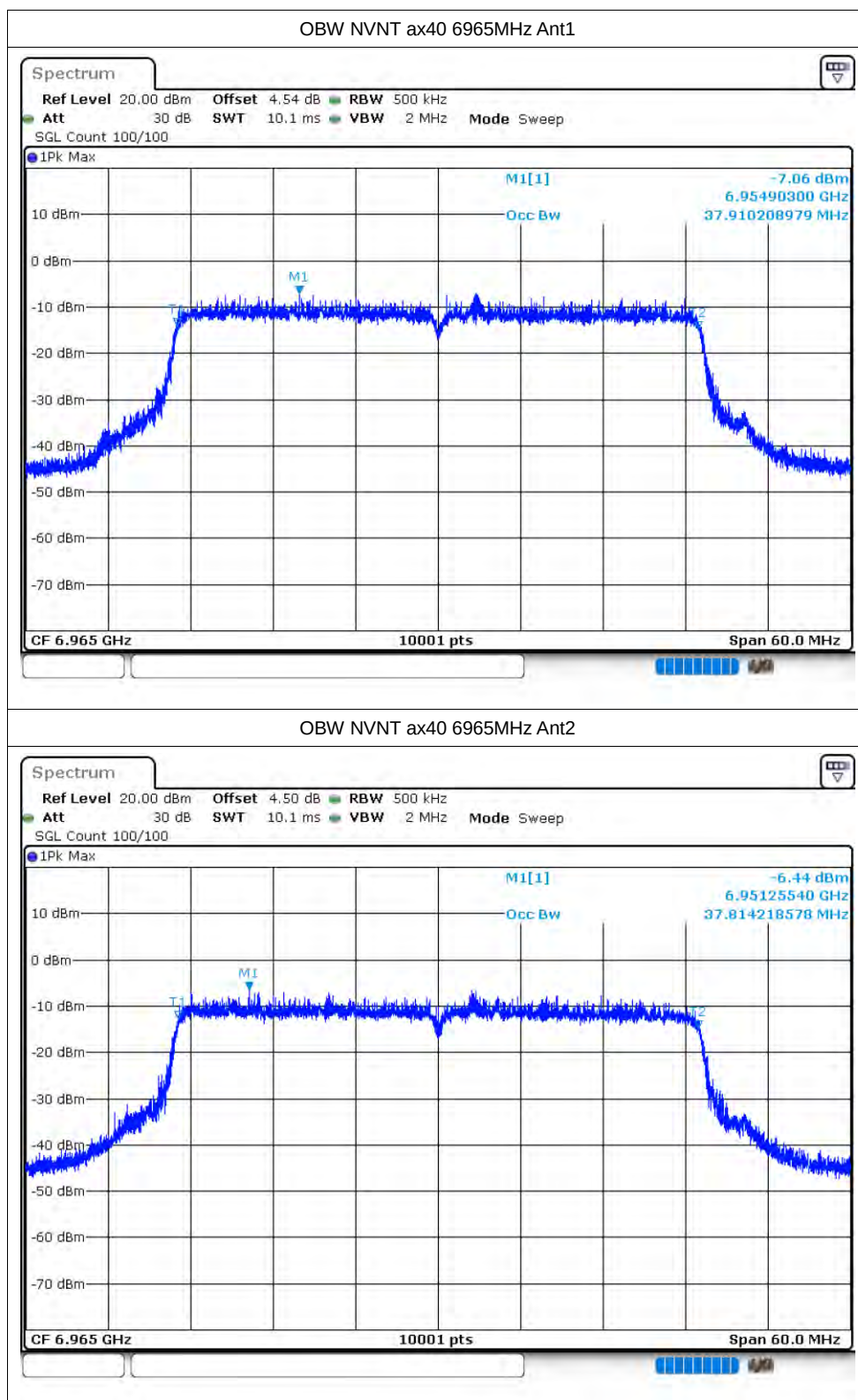
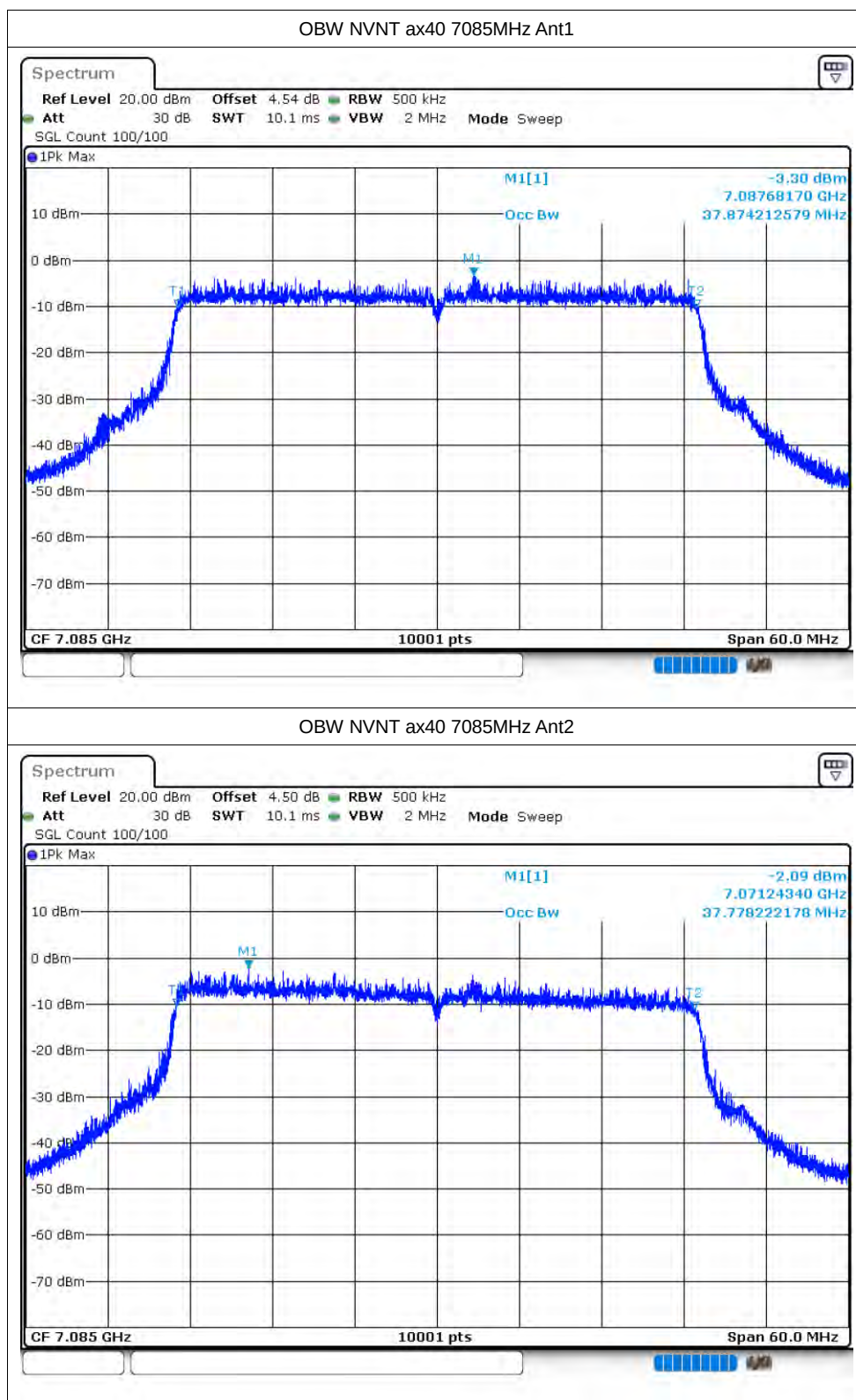
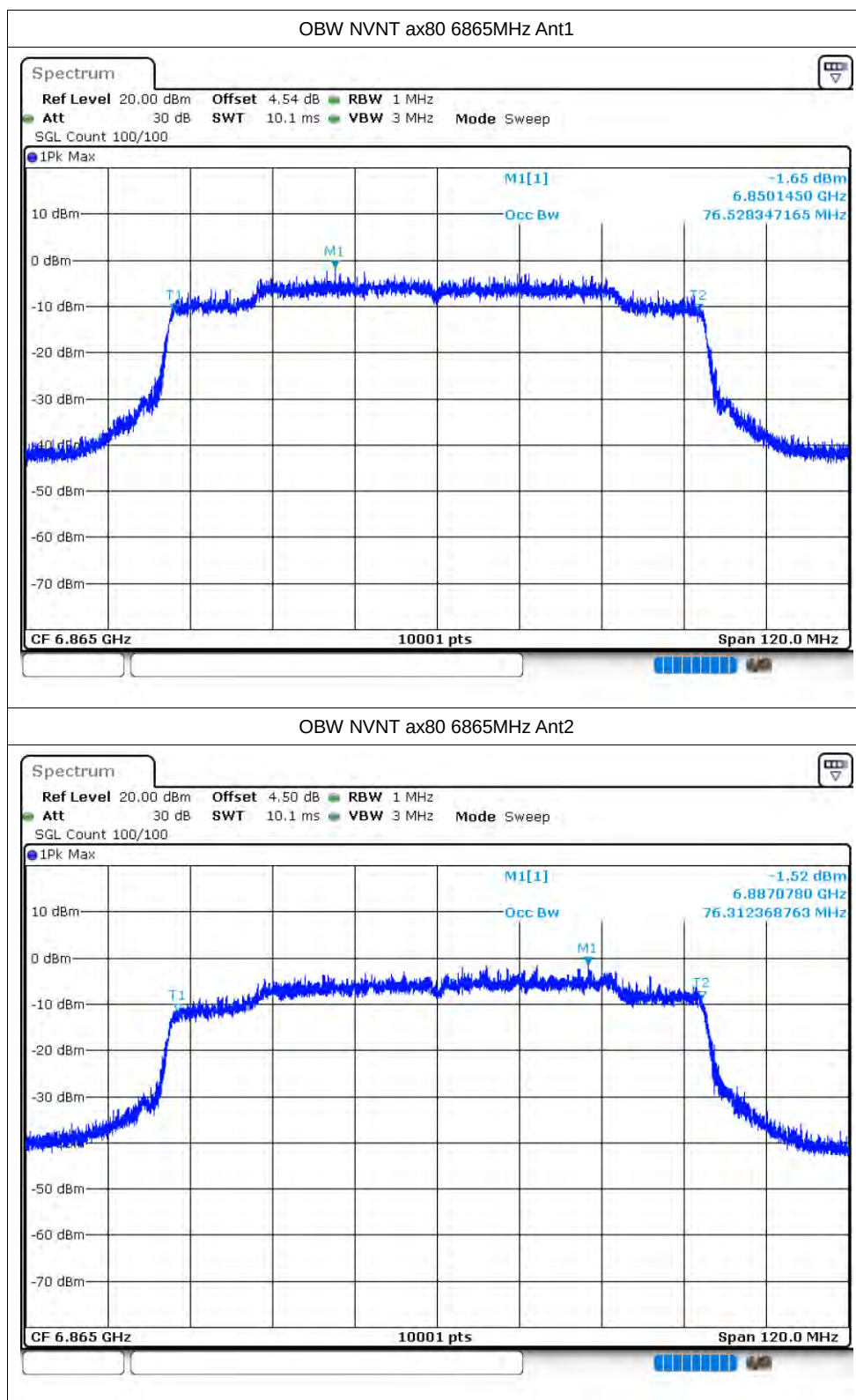
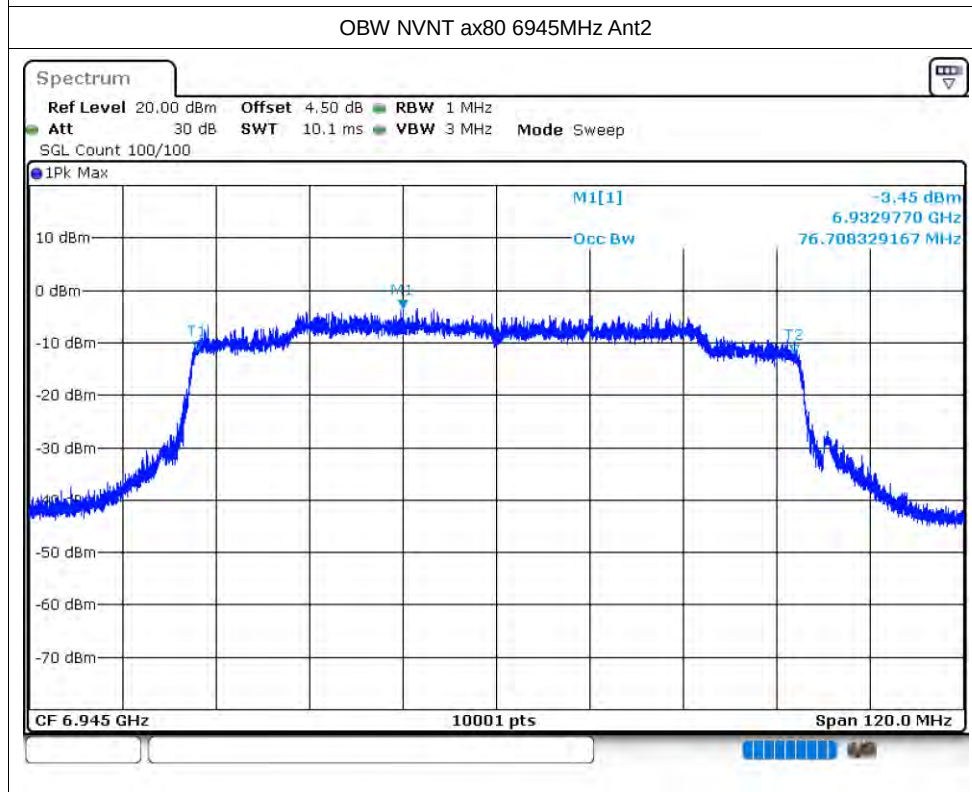
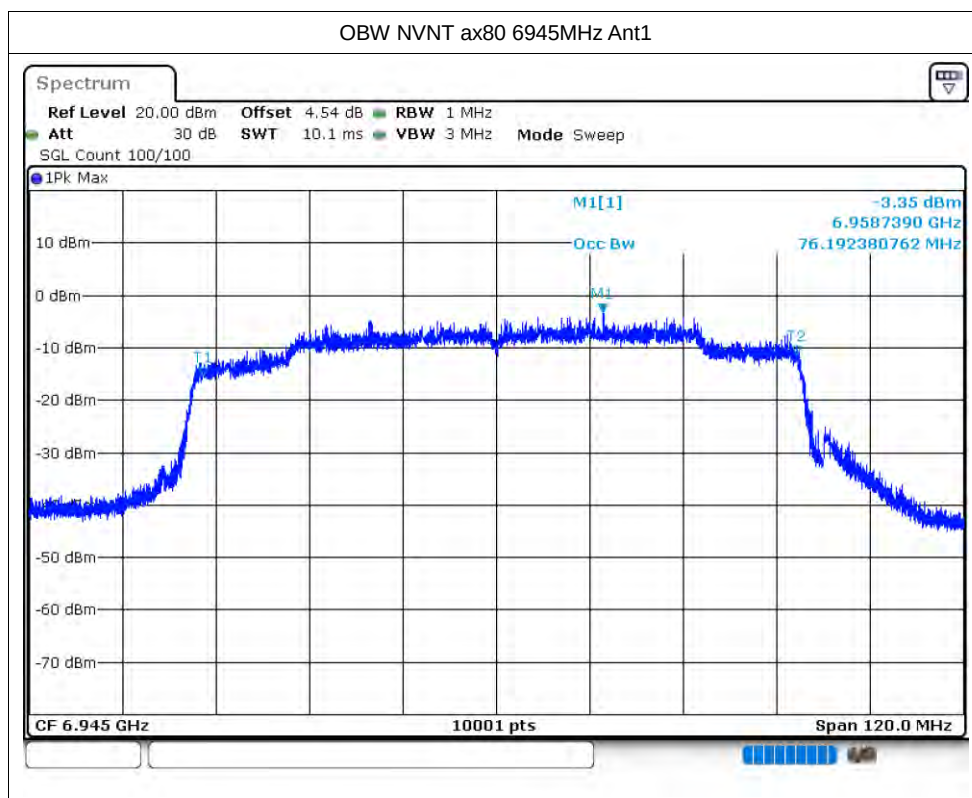


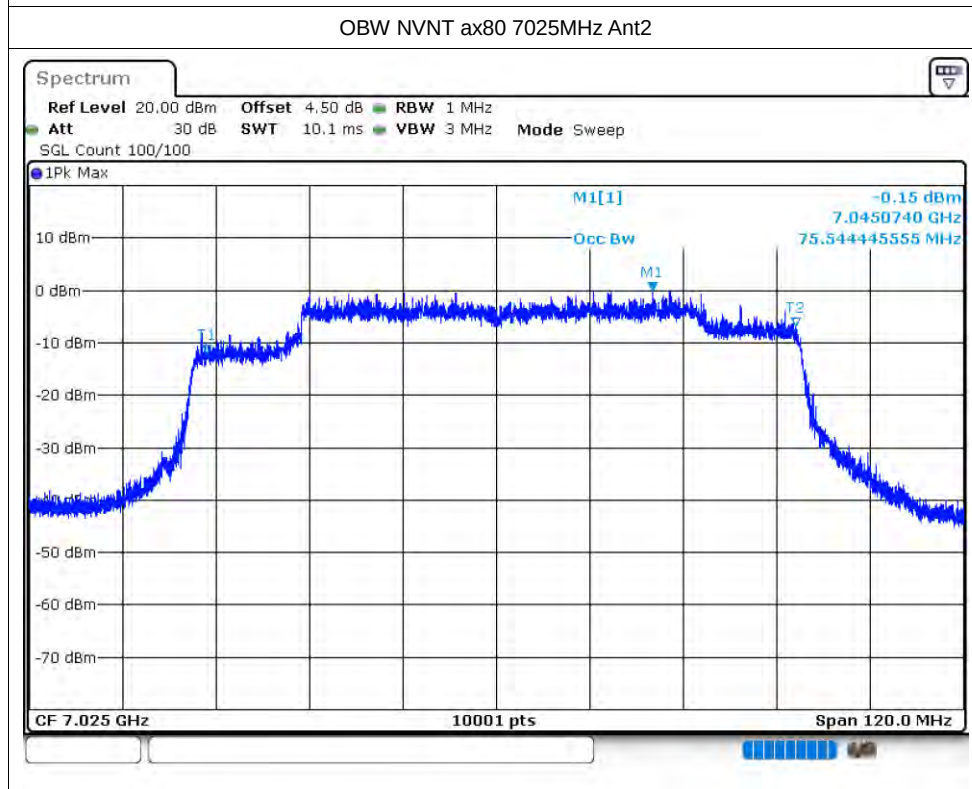
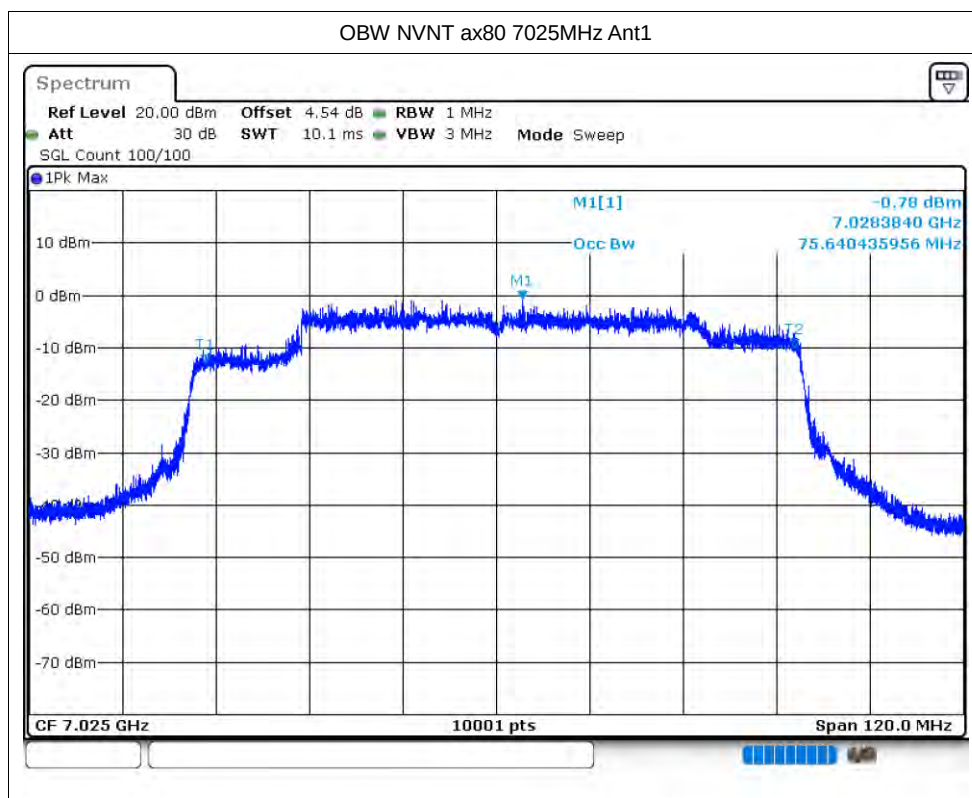










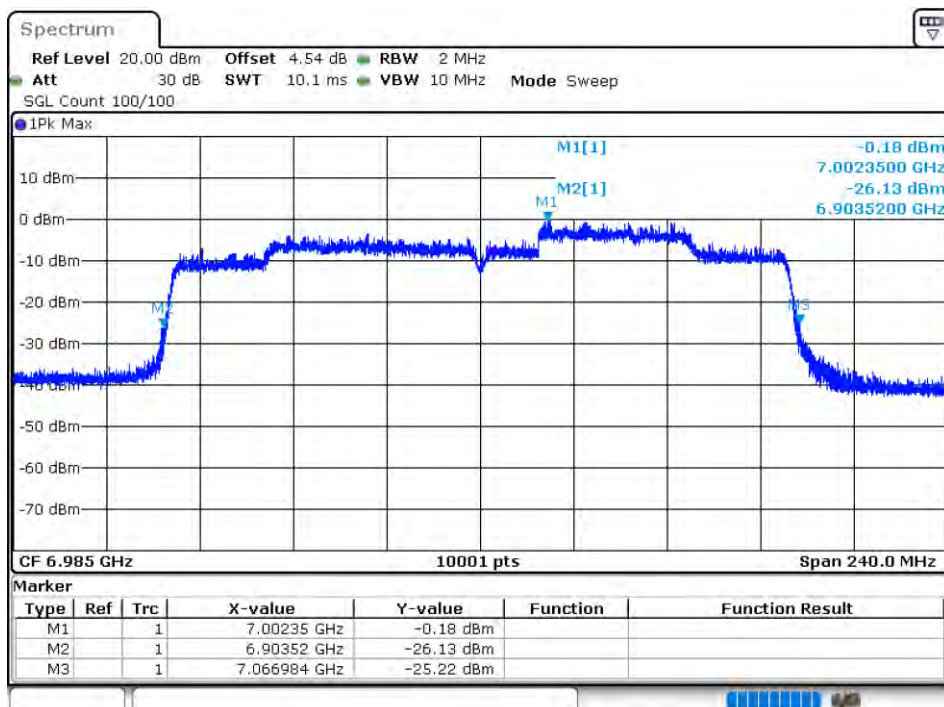


-26dB Bandwidth

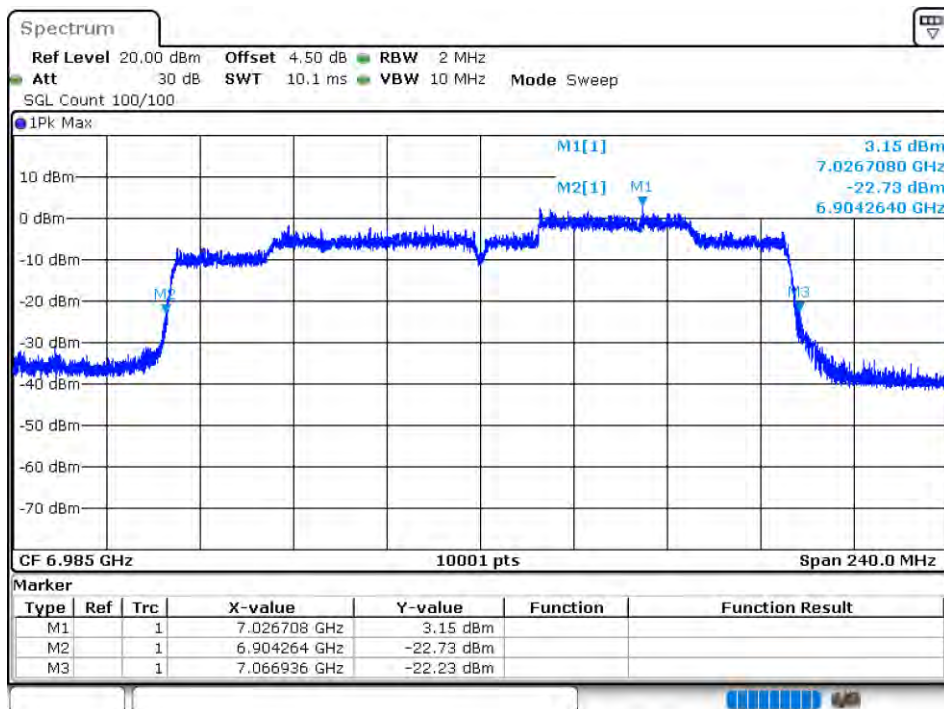
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6985	Ant1	163.464	0.5	Pass
NVNT	ax160	6985	Ant2	162.672	0.5	Pass
NVNT	ax20	6875	Ant1	24.762	0.5	Pass
NVNT	ax20	6875	Ant2	23.958	0.5	Pass
NVNT	ax20	6995	Ant1	23.574	0.5	Pass
NVNT	ax20	6995	Ant2	23.652	0.5	Pass
NVNT	ax20	7095	Ant1	24.702	0.5	Pass
NVNT	ax20	7095	Ant2	24.549	0.5	Pass
NVNT	ax40	6885	Ant1	44.364	0.5	Pass
NVNT	ax40	6885	Ant2	43.506	0.5	Pass
NVNT	ax40	6965	Ant1	43.356	0.5	Pass
NVNT	ax40	6965	Ant2	43.584	0.5	Pass
NVNT	ax40	7085	Ant1	43.428	0.5	Pass
NVNT	ax40	7085	Ant2	42.924	0.5	Pass
NVNT	ax80	6865	Ant1	83.364	0.5	Pass
NVNT	ax80	6865	Ant2	83.508	0.5	Pass
NVNT	ax80	6945	Ant1	86.028	0.5	Pass
NVNT	ax80	6945	Ant2	85.08	0.5	Pass
NVNT	ax80	7025	Ant1	81.432	0.5	Pass
NVNT	ax80	7025	Ant2	81.84	0.5	Pass

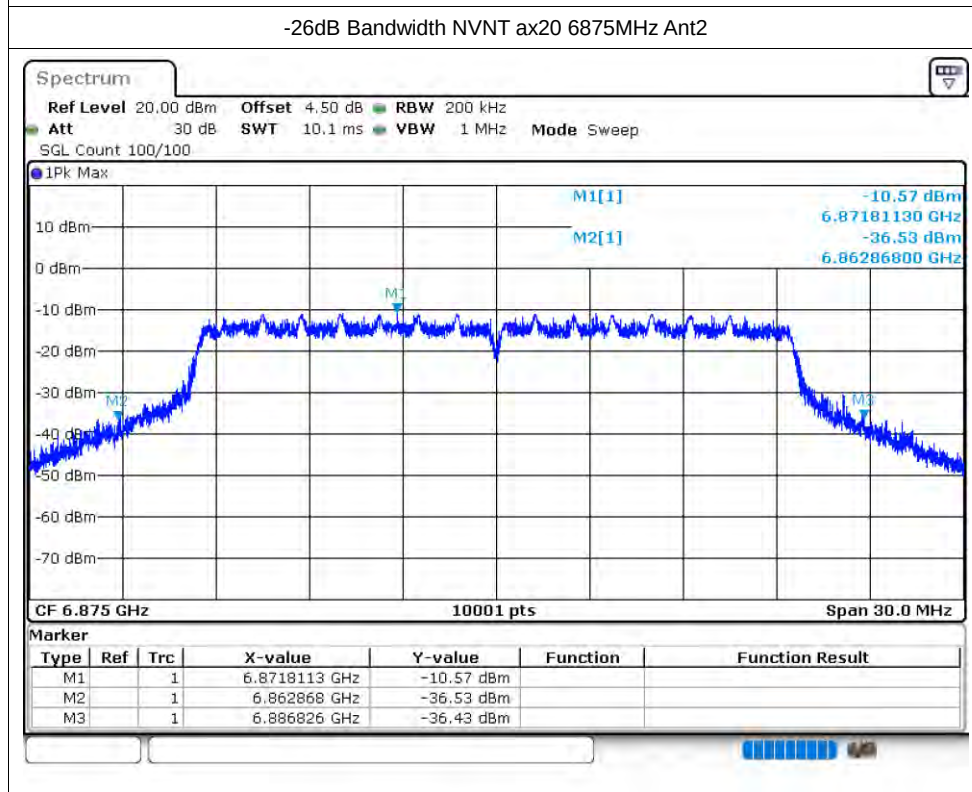
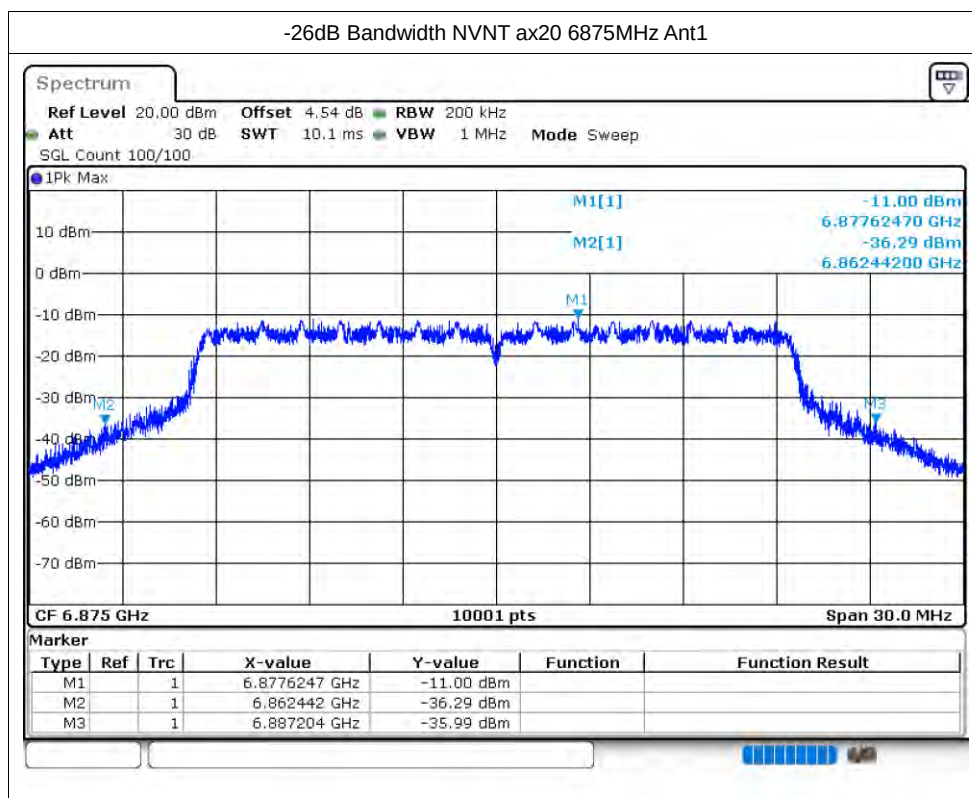
Test Graphs

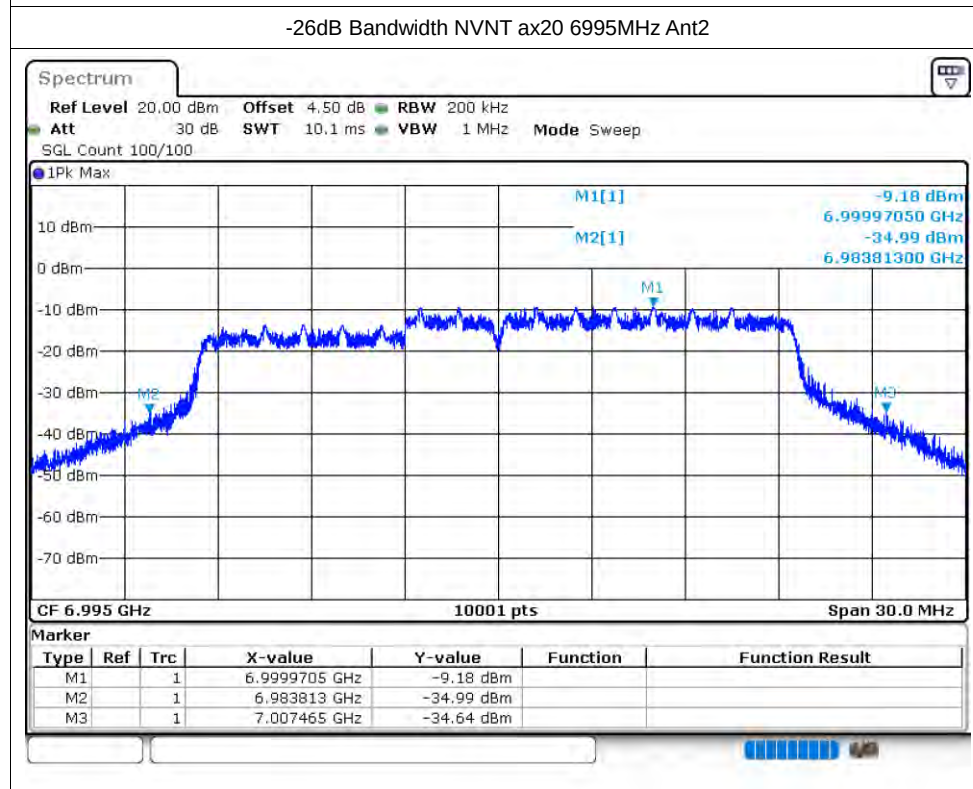
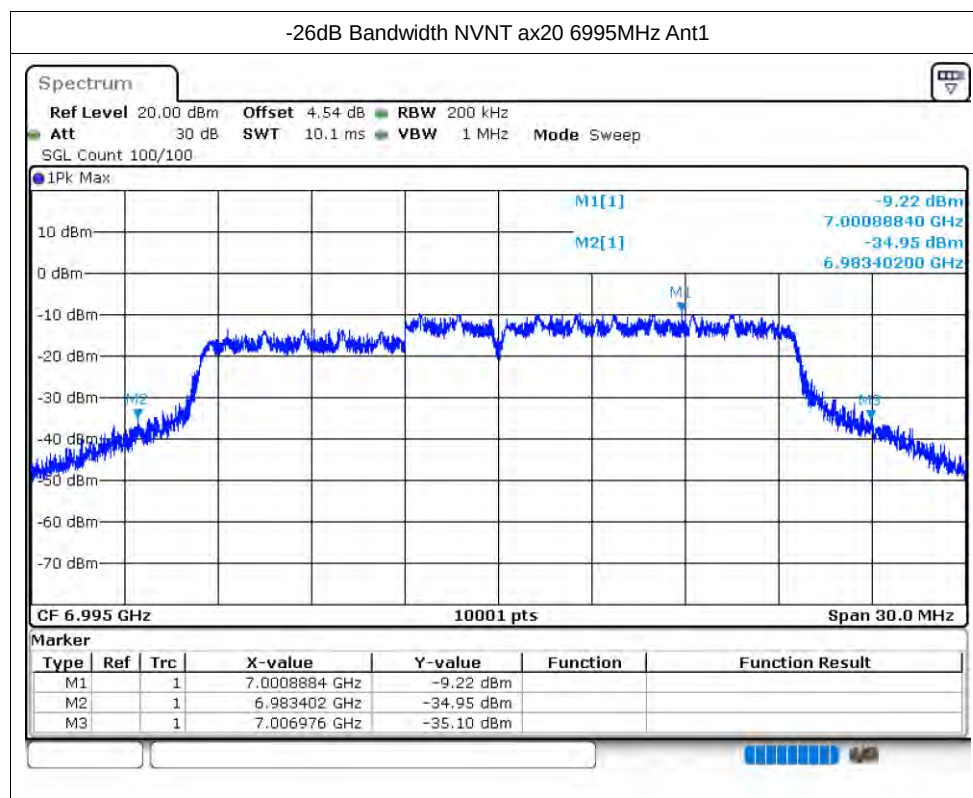
-26dB Bandwidth NVNT ax160 6985MHz Ant1

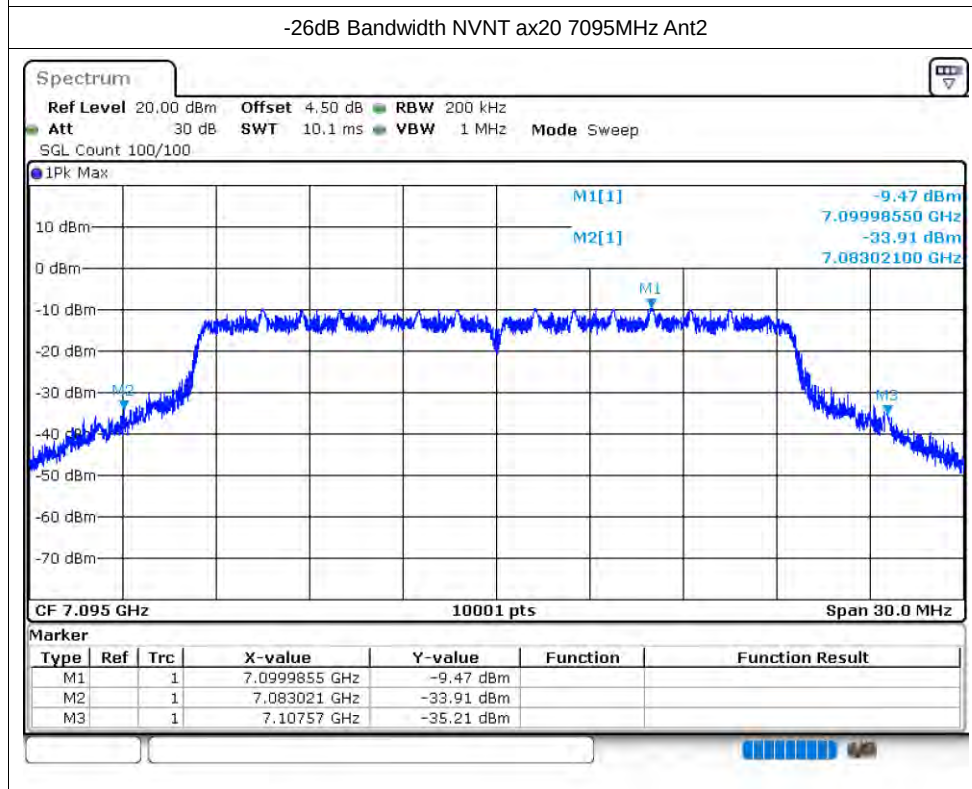
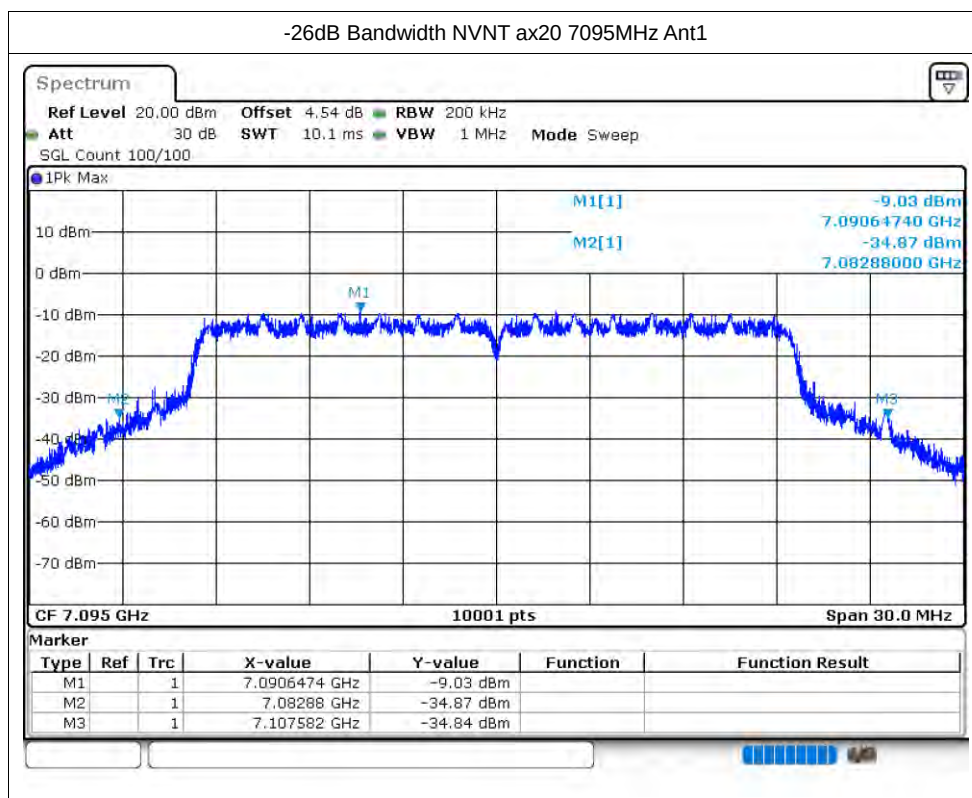


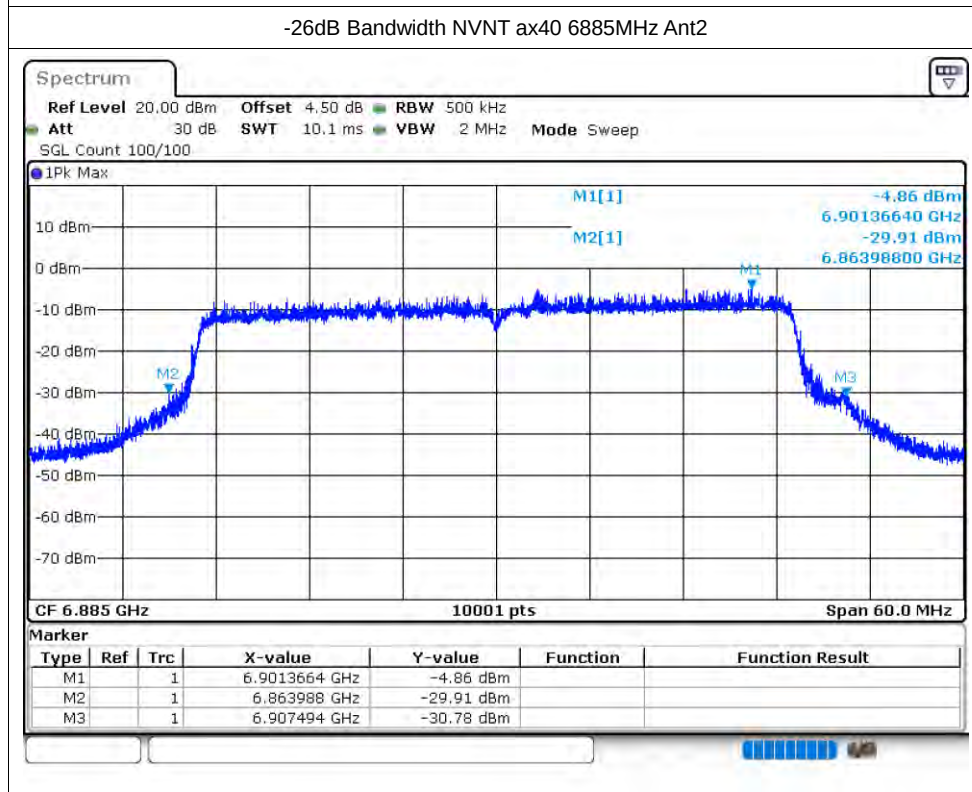
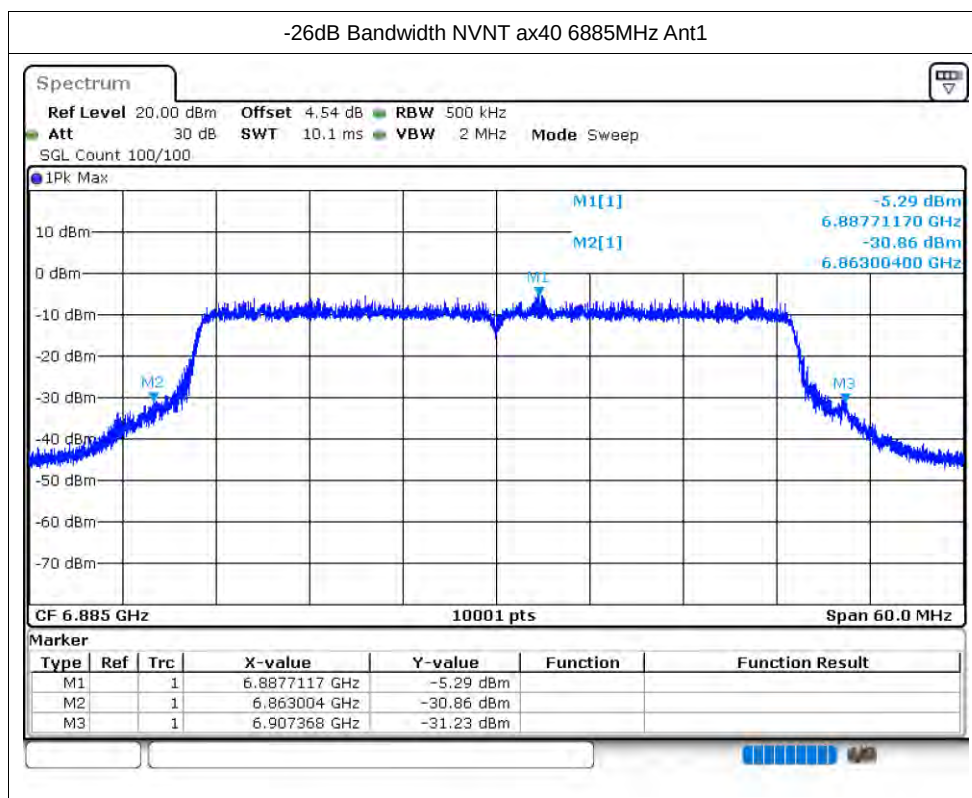
-26dB Bandwidth NVNT ax160 6985MHz Ant2

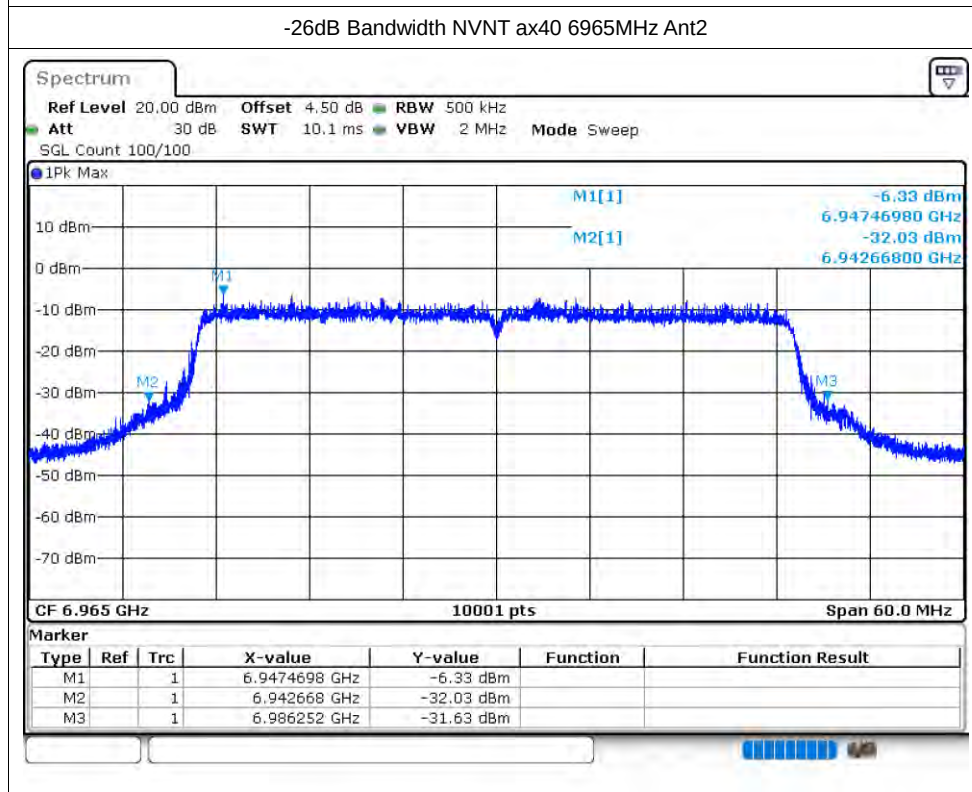
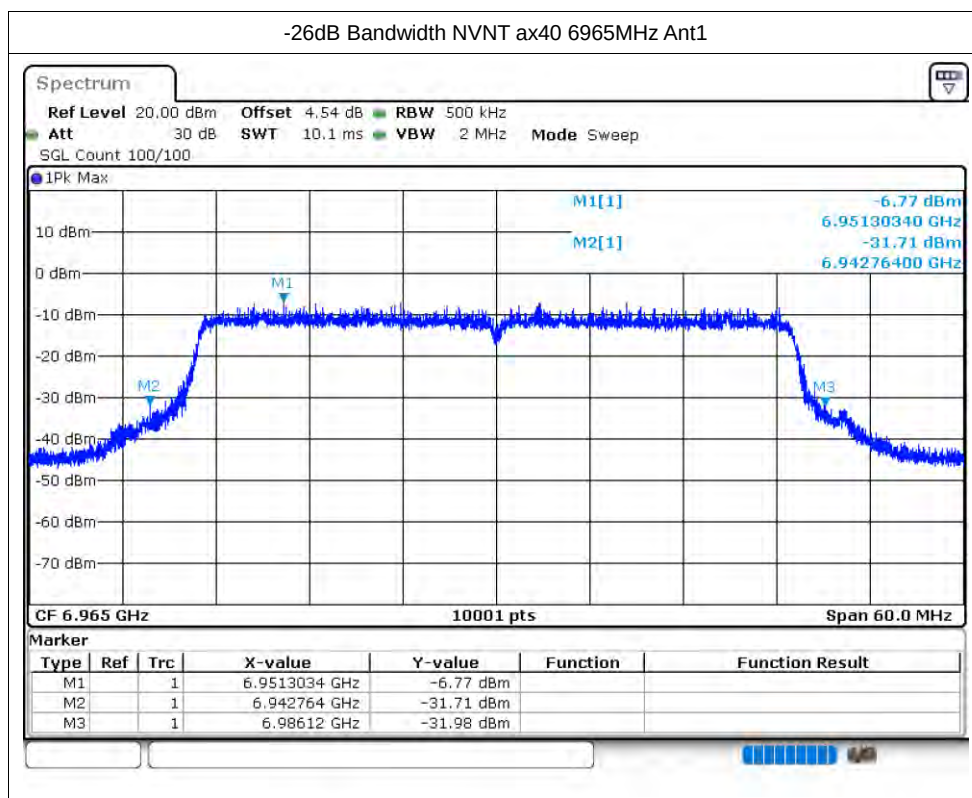


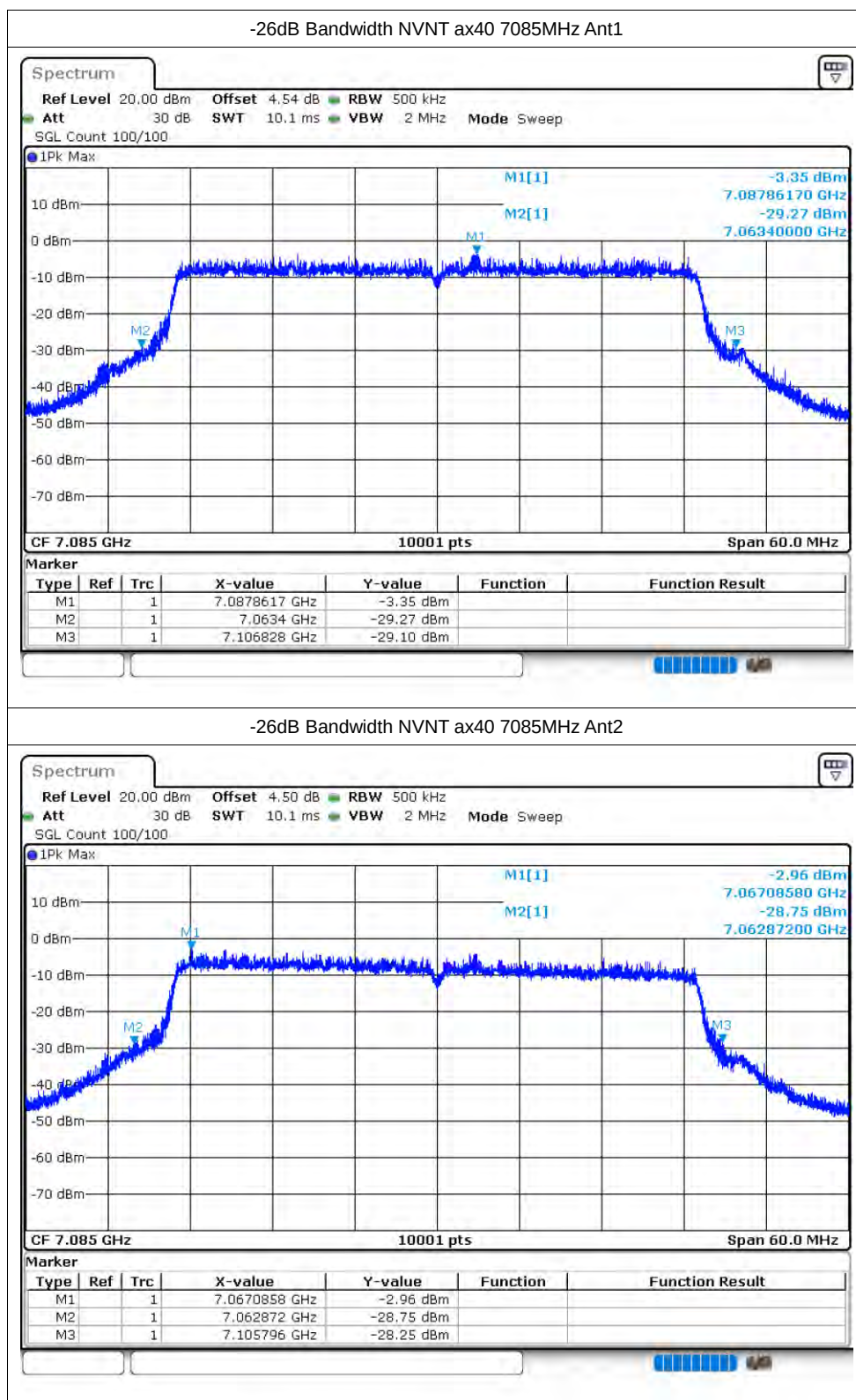


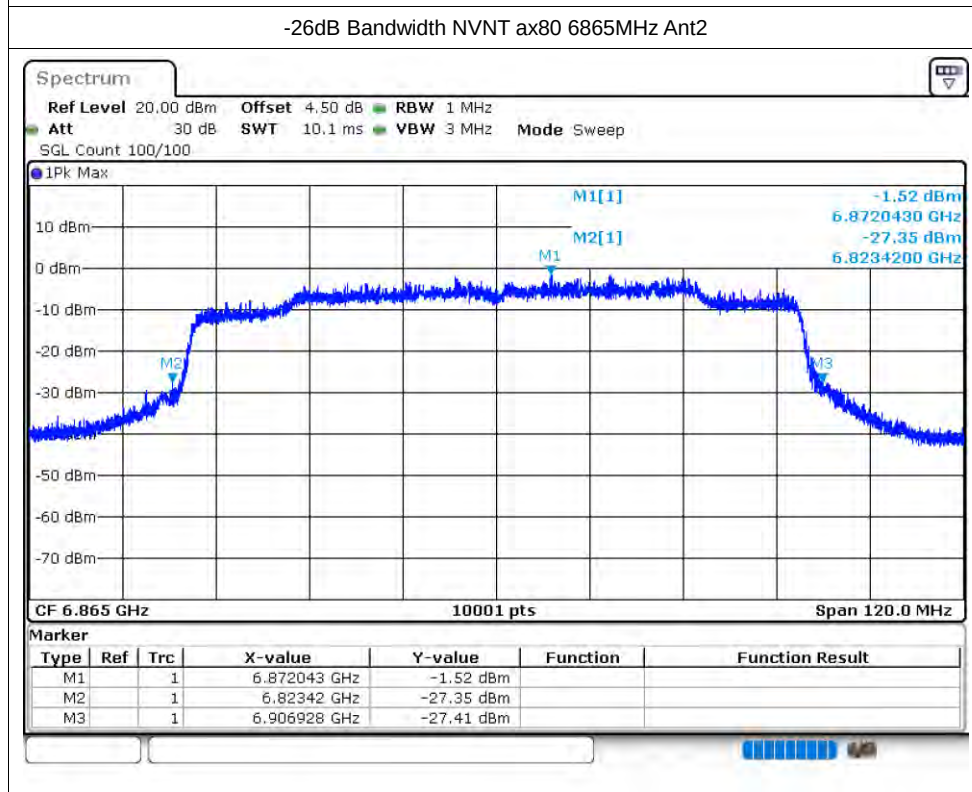
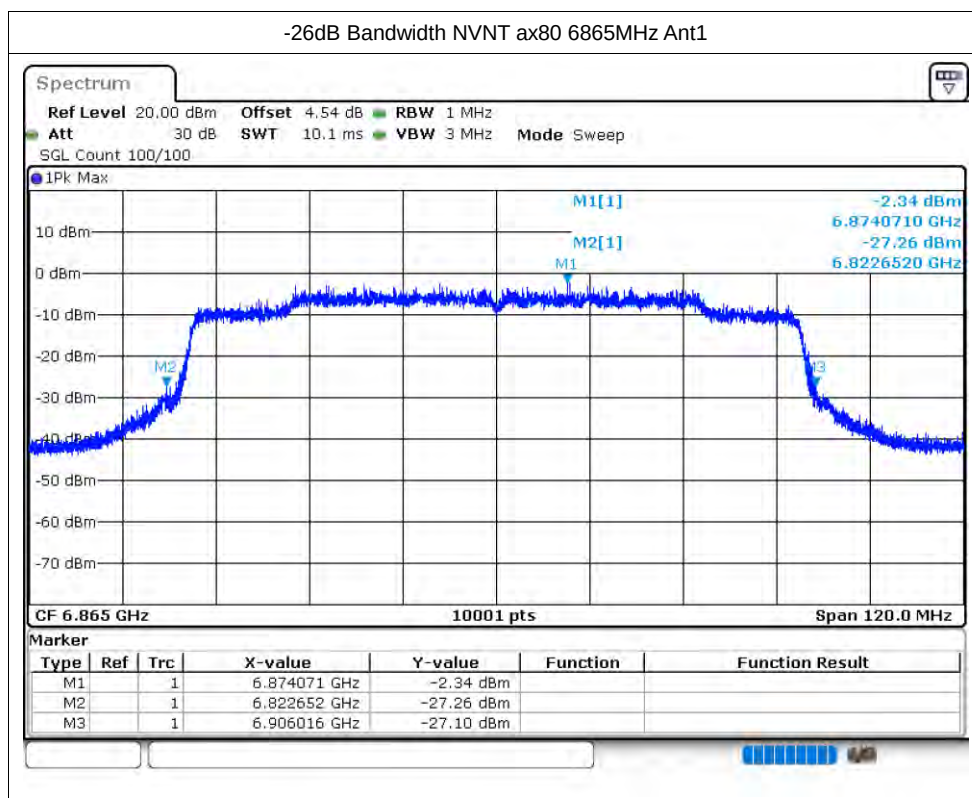


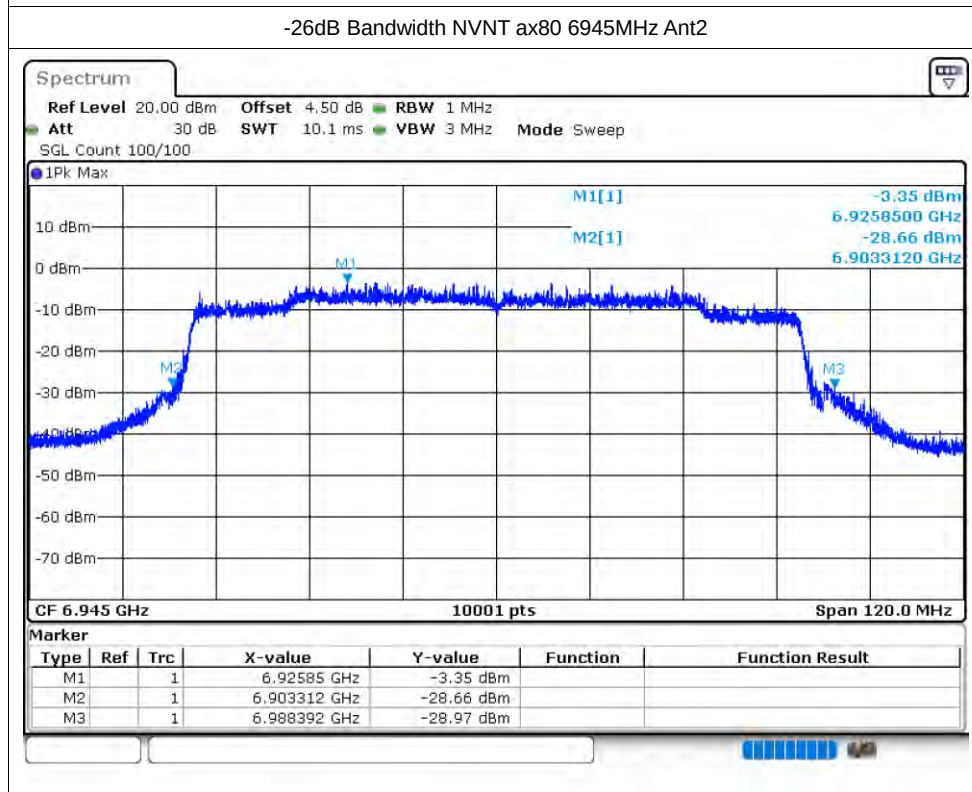
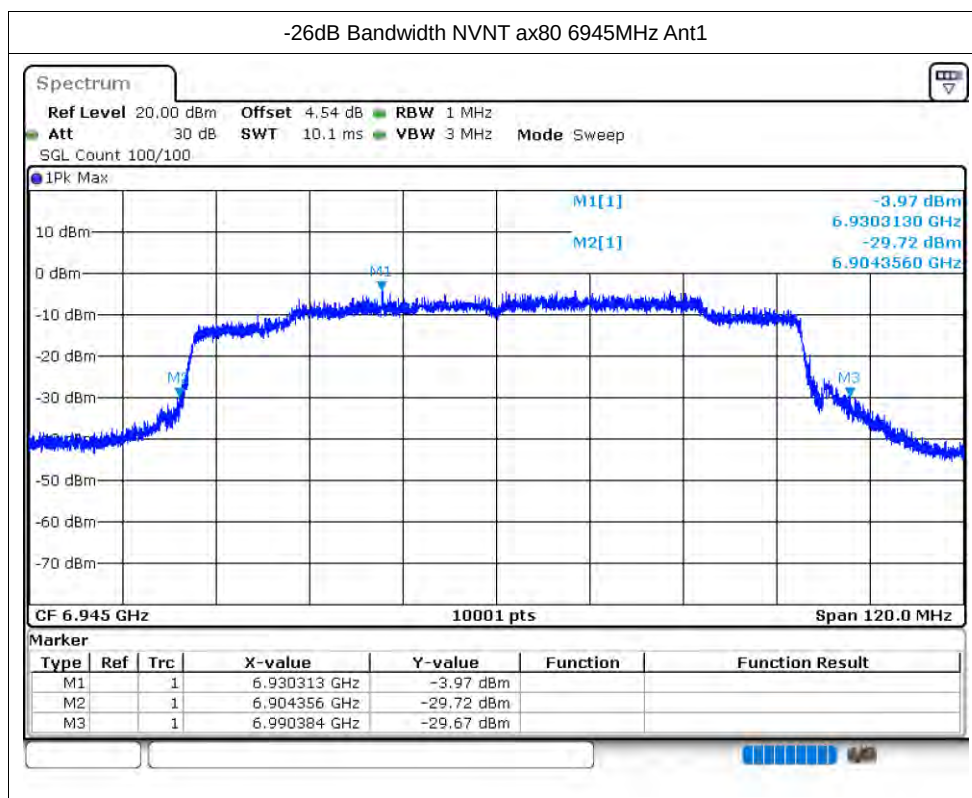


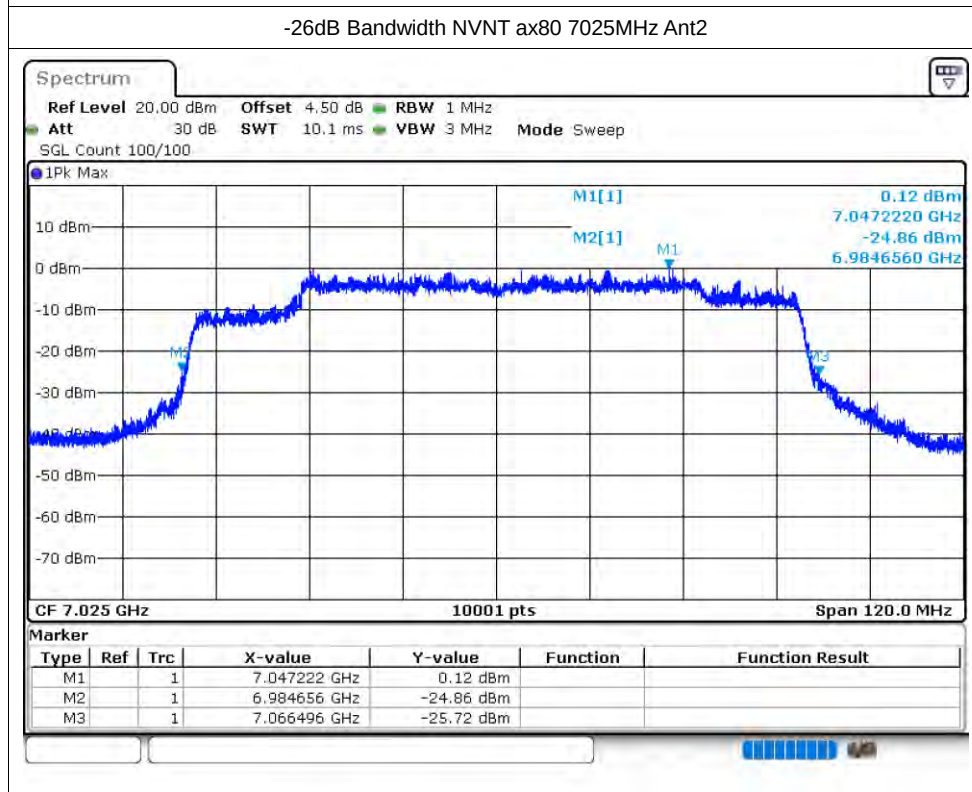
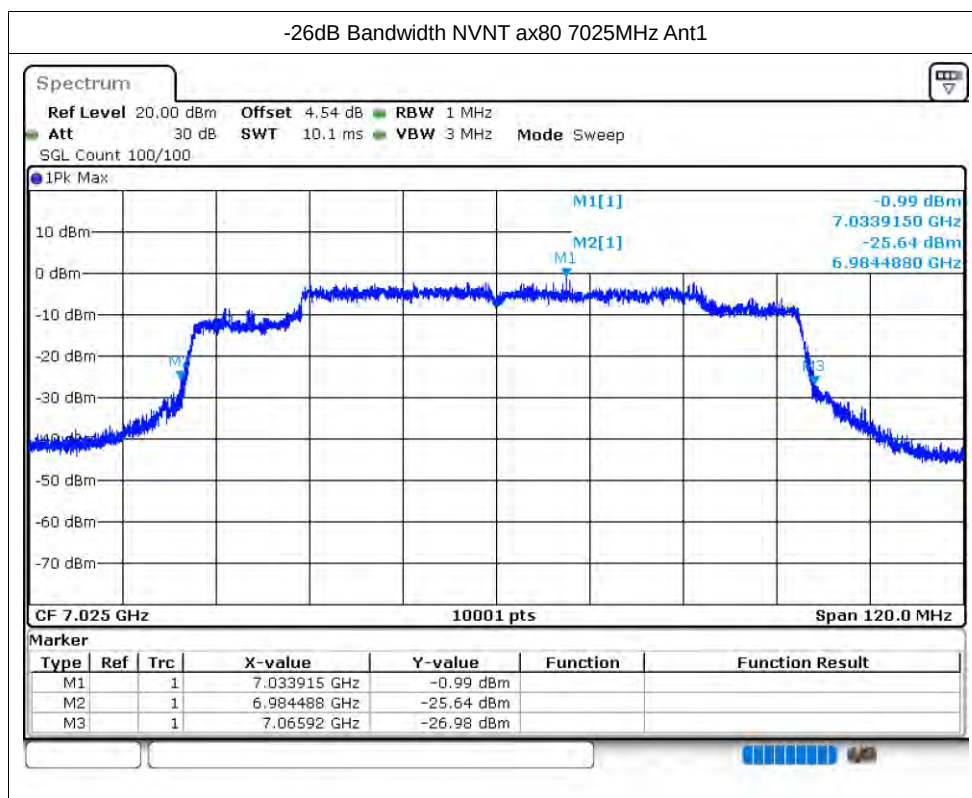










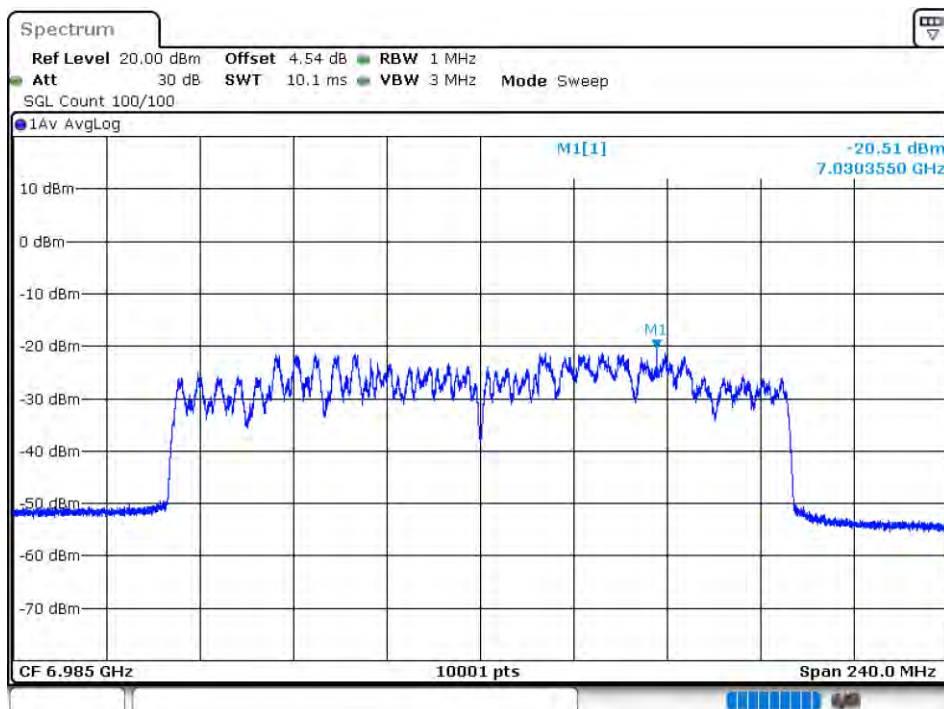


Maximum Power Spectral Density Level

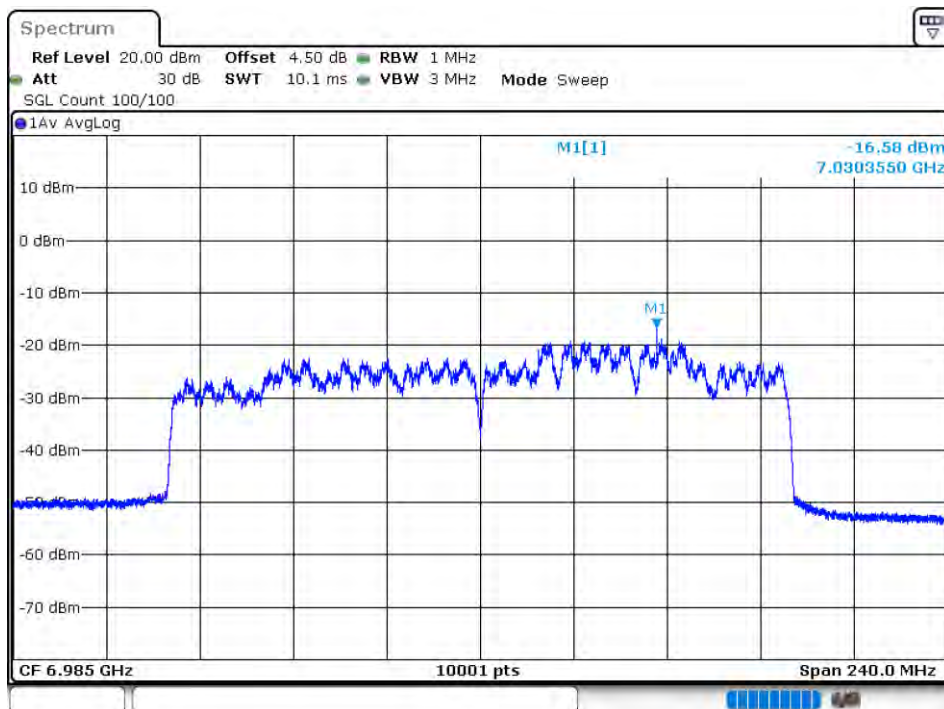
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-20.51	1.03	-19.48	3.32	-16.16	-5	Pass
NVNT	ax160	6985	Ant2	-16.58	1.03	-15.55	3.32	-12.23	-5	Pass
NVNT	ax160	6985	Sum					-10.75	-5	Pass
NVNT	ax20	6875	Ant1	-20.04	0.15	-19.89	3.32	-16.57	-5	Pass
NVNT	ax20	6875	Ant2	-18.65	0.15	-18.5	3.32	-15.18	-5	Pass
NVNT	ax20	6875	Sum					-12.81	-5	Pass
NVNT	ax20	6995	Ant1	-18.42	2.22	-16.2	3.32	-12.88	-5	Pass
NVNT	ax20	6995	Ant2	-17.42	2.22	-15.2	3.32	-11.88	-5	Pass
NVNT	ax20	6995	Sum					-9.34	-5	Pass
NVNT	ax20	7095	Ant1	-19.66	1.05	-18.61	3.32	-15.29	-5	Pass
NVNT	ax20	7095	Ant2	-18.09	1.05	-17.04	3.32	-13.72	-5	Pass
NVNT	ax20	7095	Sum					-11.42	-5	Pass
NVNT	ax40	6885	Ant1	-18.8	1.05	-17.75	3.32	-14.43	-5	Pass
NVNT	ax40	6885	Ant2	-18.25	1.05	-17.2	3.32	-13.88	-5	Pass
NVNT	ax40	6885	Sum					-11.14	-5	Pass
NVNT	ax40	6965	Ant1	-20.53	1.07	-19.46	3.32	-16.14	-5	Pass
NVNT	ax40	6965	Ant2	-20.6	1.07	-19.53	3.32	-16.21	-5	Pass
NVNT	ax40	6965	Sum					-13.16	-5	Pass
NVNT	ax40	7085	Ant1	-17.47	1.07	-16.4	3.32	-13.08	-5	Pass
NVNT	ax40	7085	Ant2	-17.61	1.07	-16.54	3.32	-13.22	-5	Pass
NVNT	ax40	7085	Sum					-10.14	-5	Pass
NVNT	ax80	6865	Ant1	-18.97	1.02	-17.95	3.32	-14.63	-5	Pass
NVNT	ax80	6865	Ant2	-17.91	1.02	-16.89	3.32	-13.57	-5	Pass
NVNT	ax80	6865	Sum					-11.06	-5	Pass
NVNT	ax80	6945	Ant1	-18.42	1.02	-17.4	3.32	-14.08	-5	Pass
NVNT	ax80	6945	Ant2	-20.21	1.02	-19.19	3.32	-15.87	-5	Pass
NVNT	ax80	6945	Sum					-11.87	-5	Pass
NVNT	ax80	7025	Ant1	-17.54	1.76	-15.78	3.32	-12.46	-5	Pass
NVNT	ax80	7025	Ant2	-16.62	1.76	-14.86	3.32	-11.54	-5	Pass
NVNT	ax80	7025	Sum					-8.97	-5	Pass

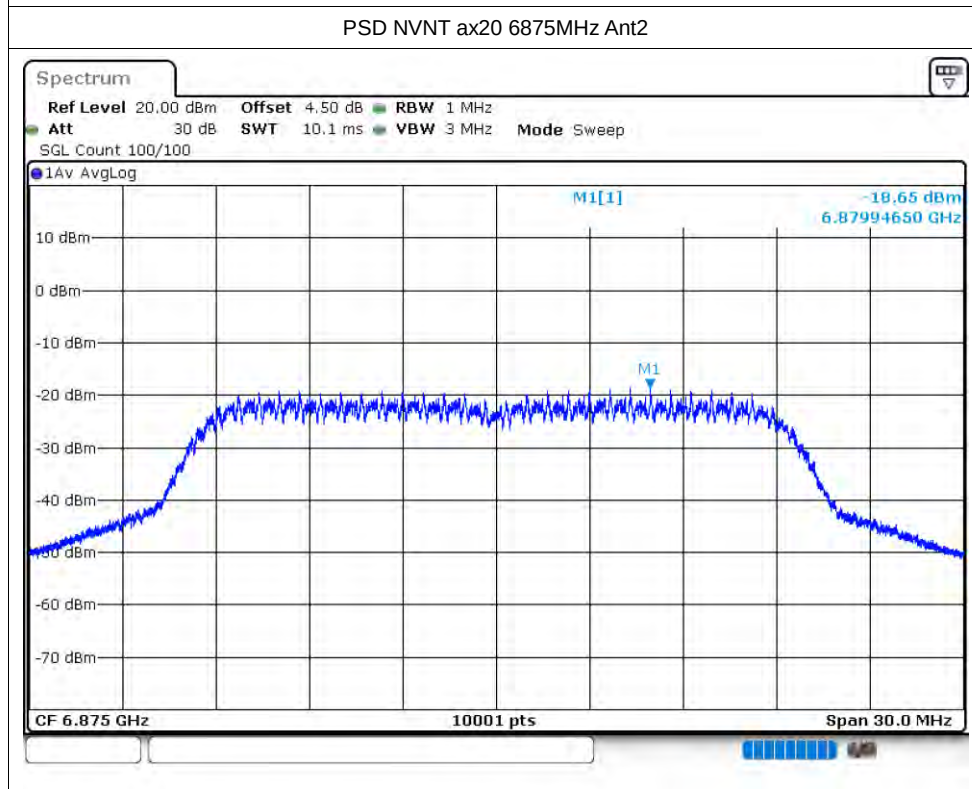
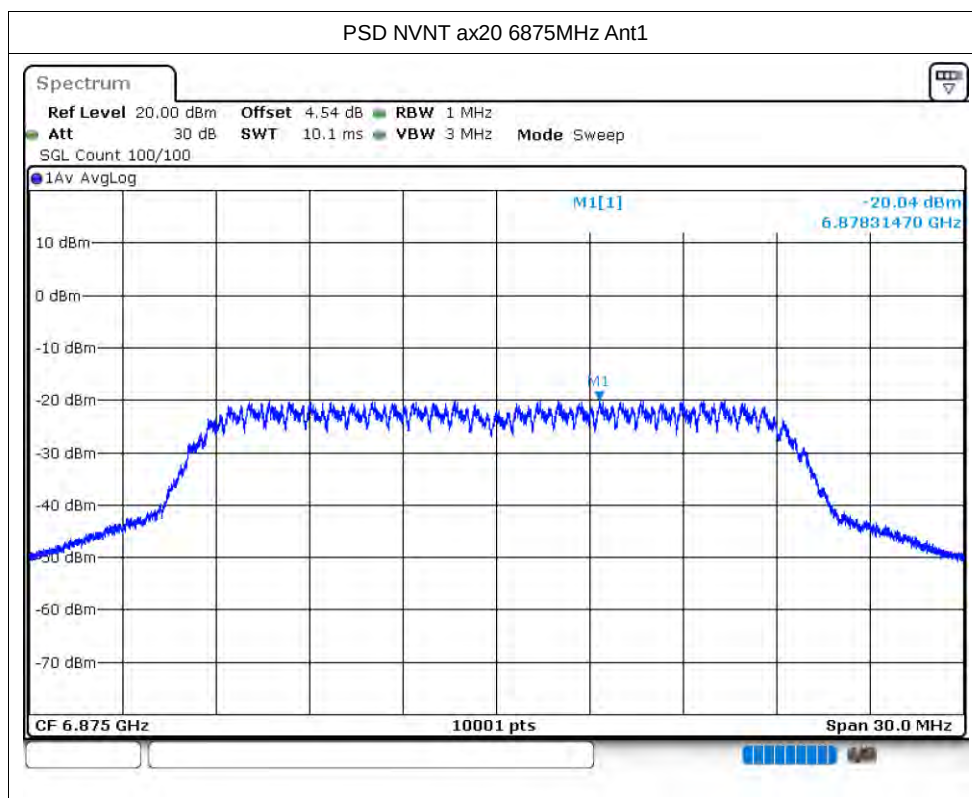
Test Graphs

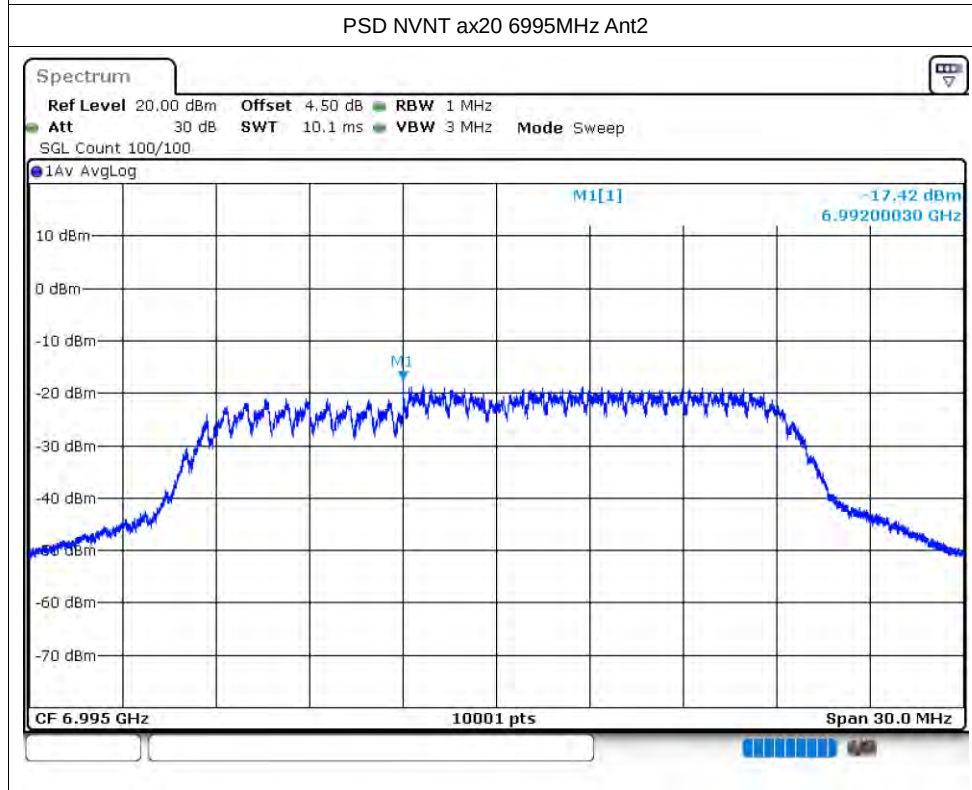
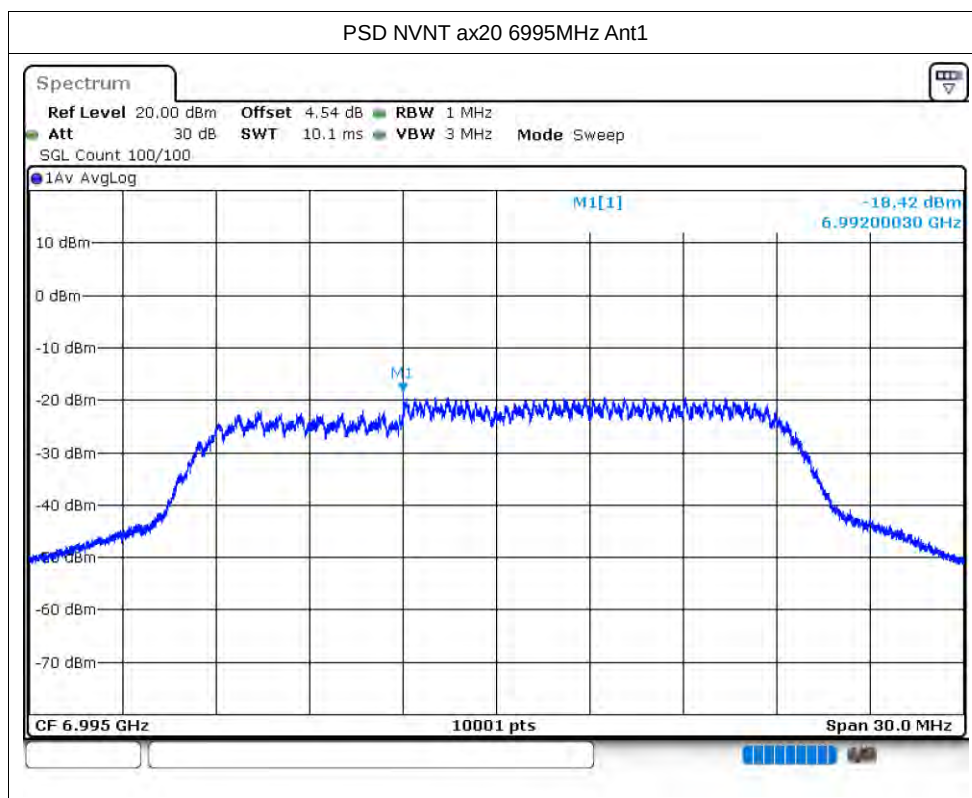
PSD NVNT ax160 6985MHz Ant1

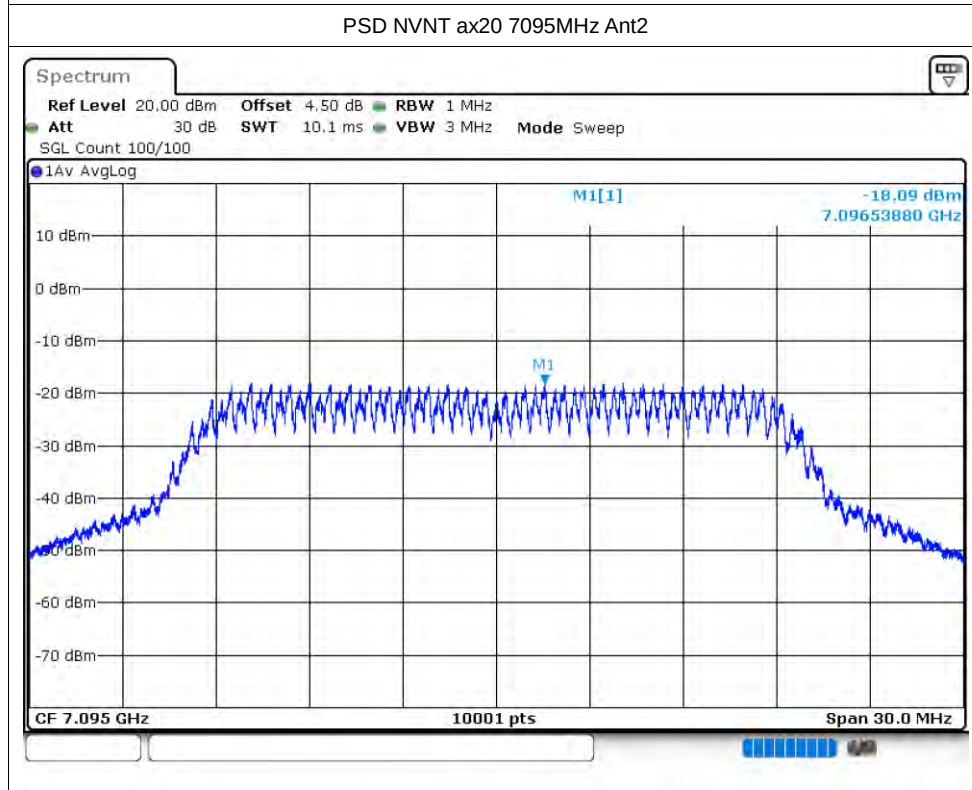
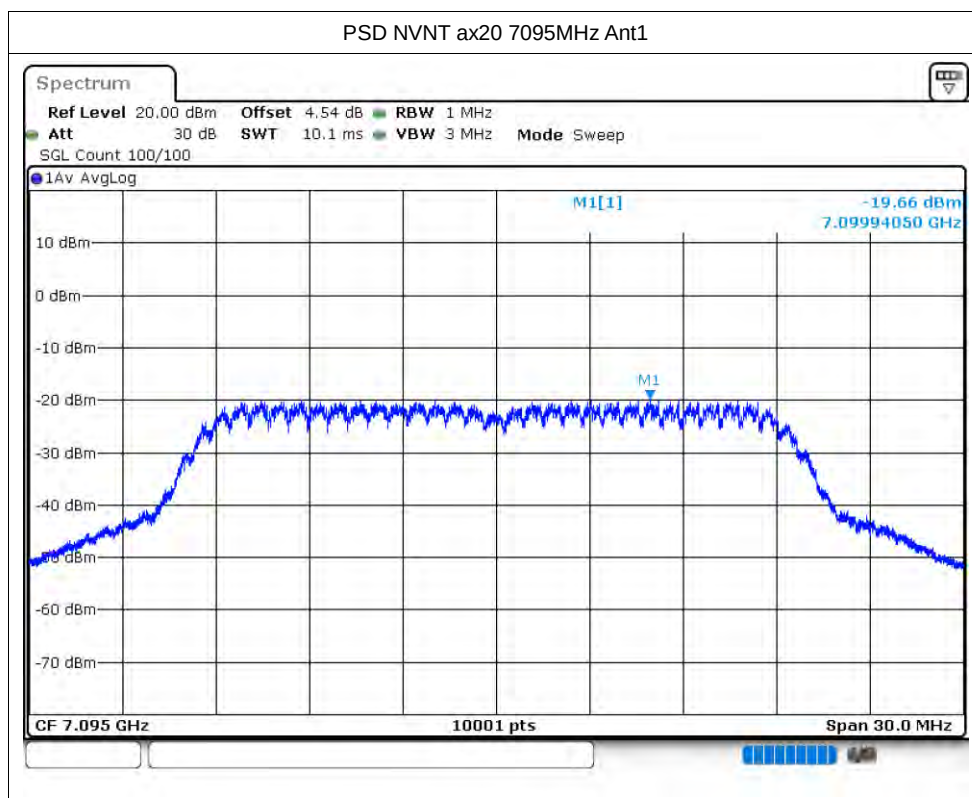


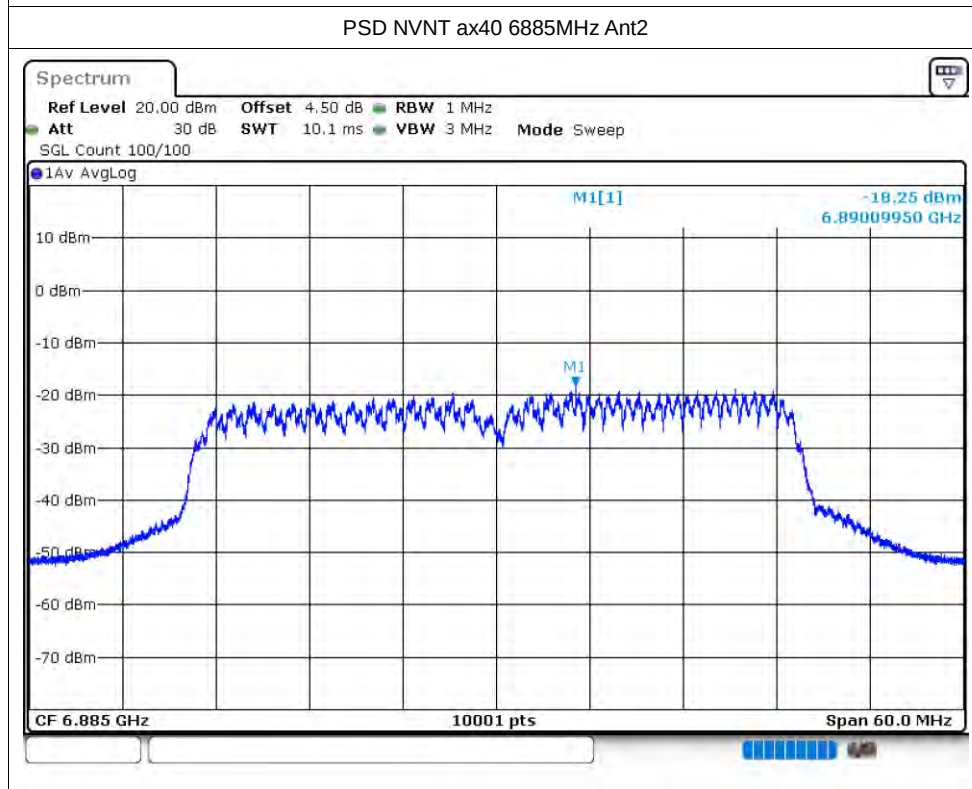
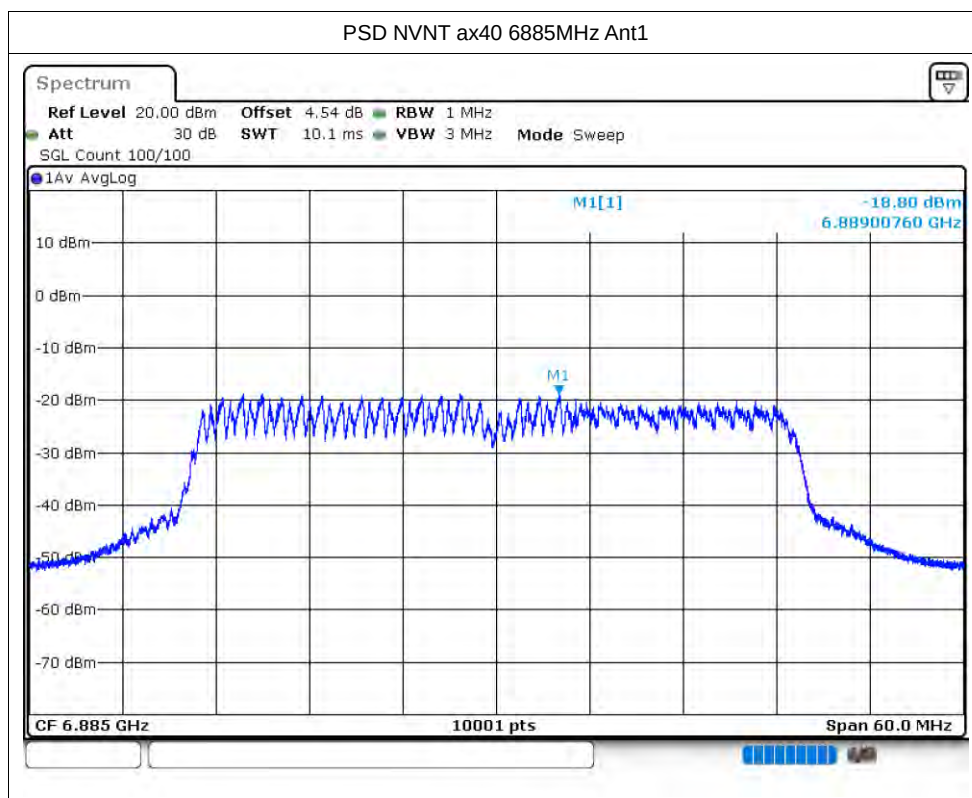
PSD NVNT ax160 6985MHz Ant2

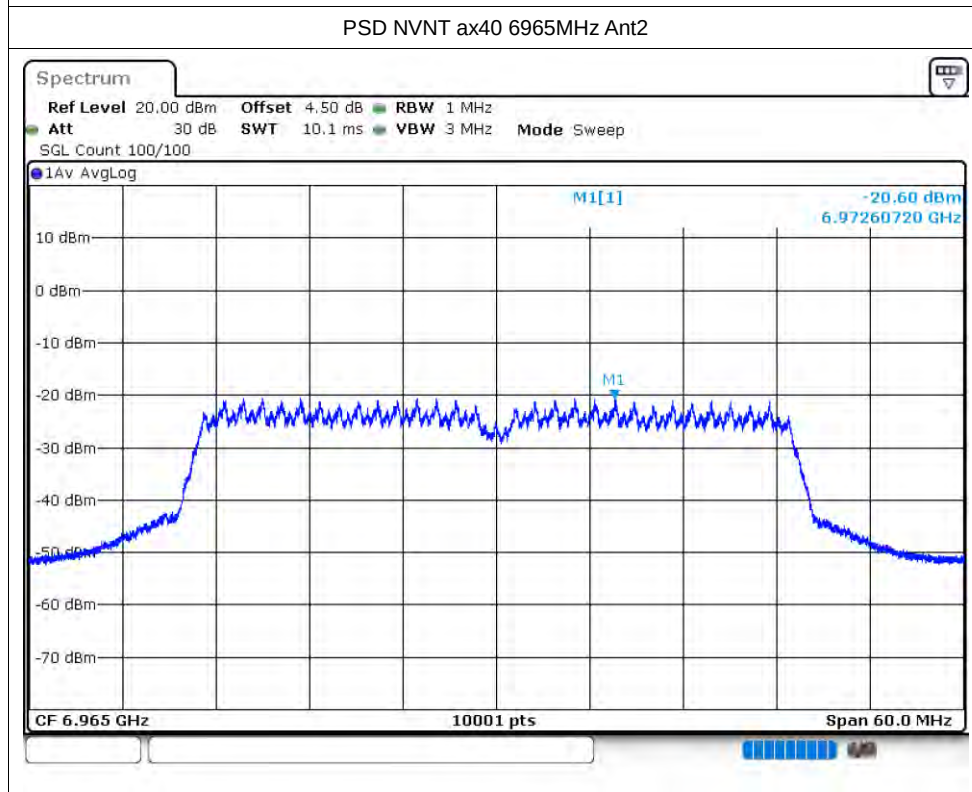
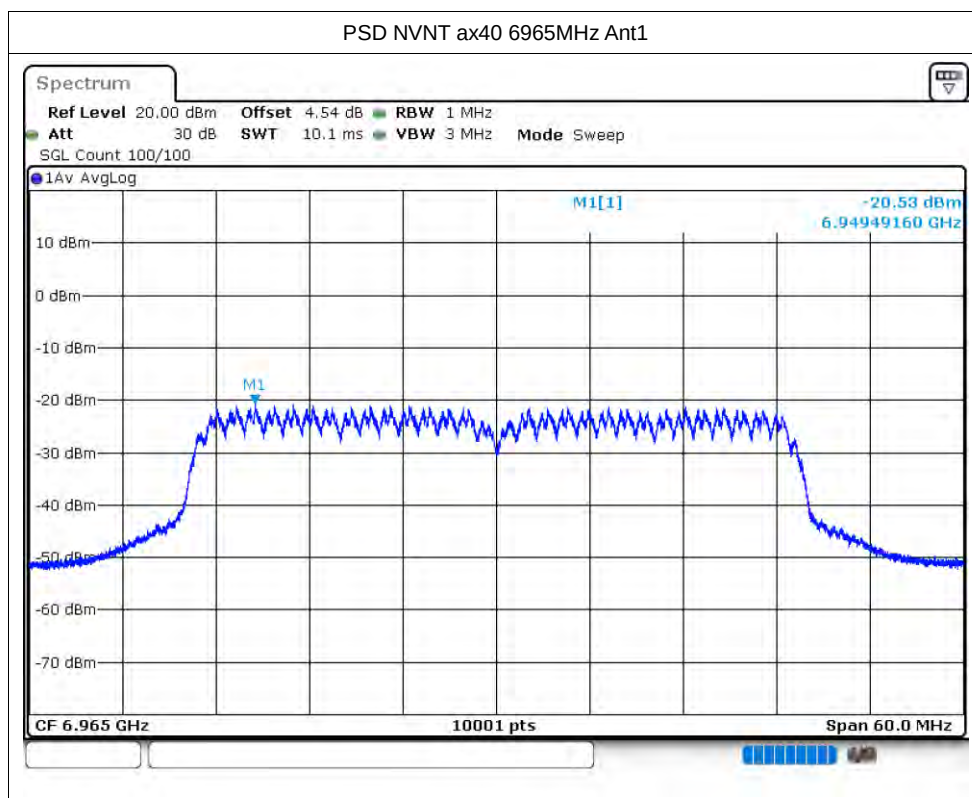


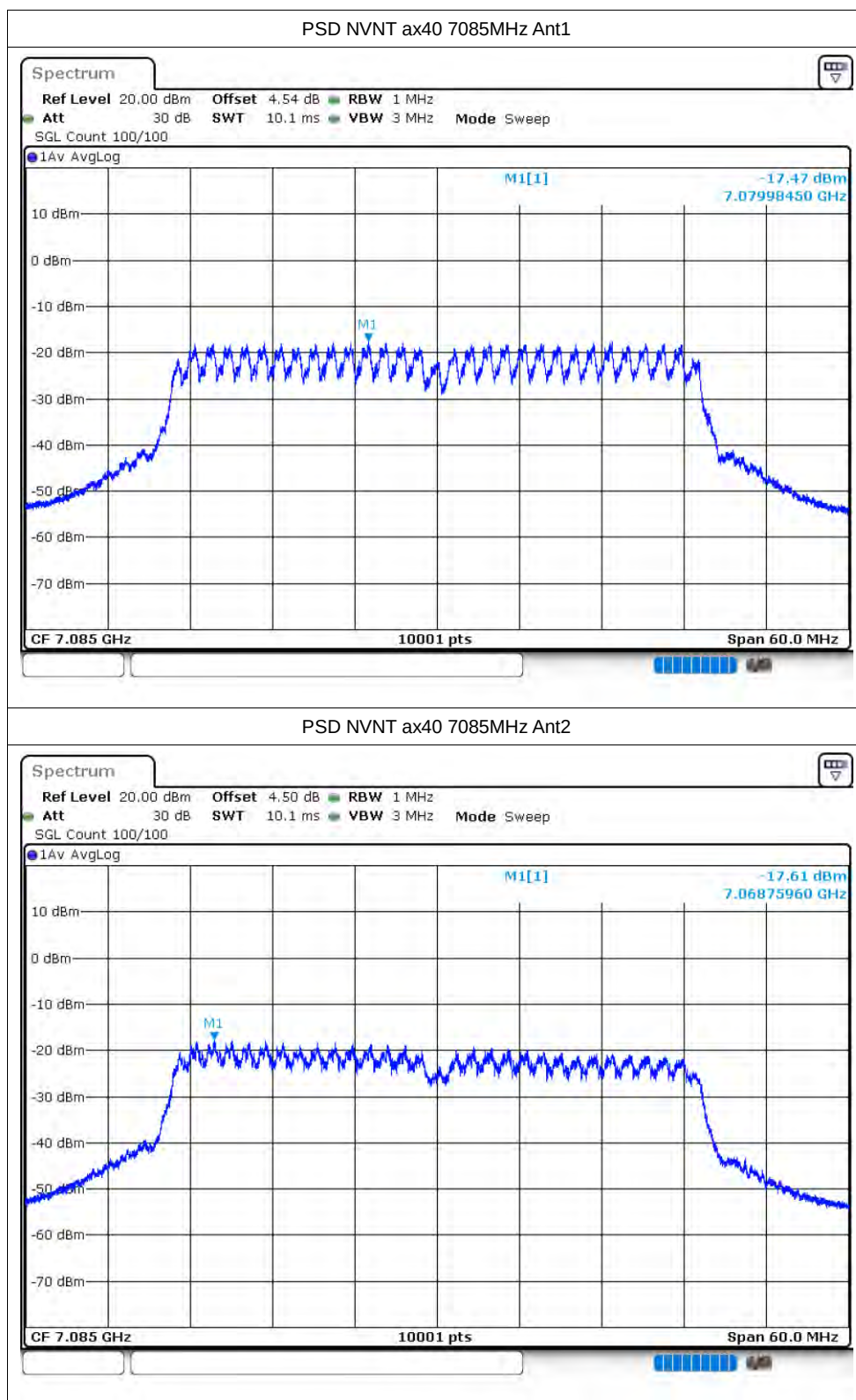


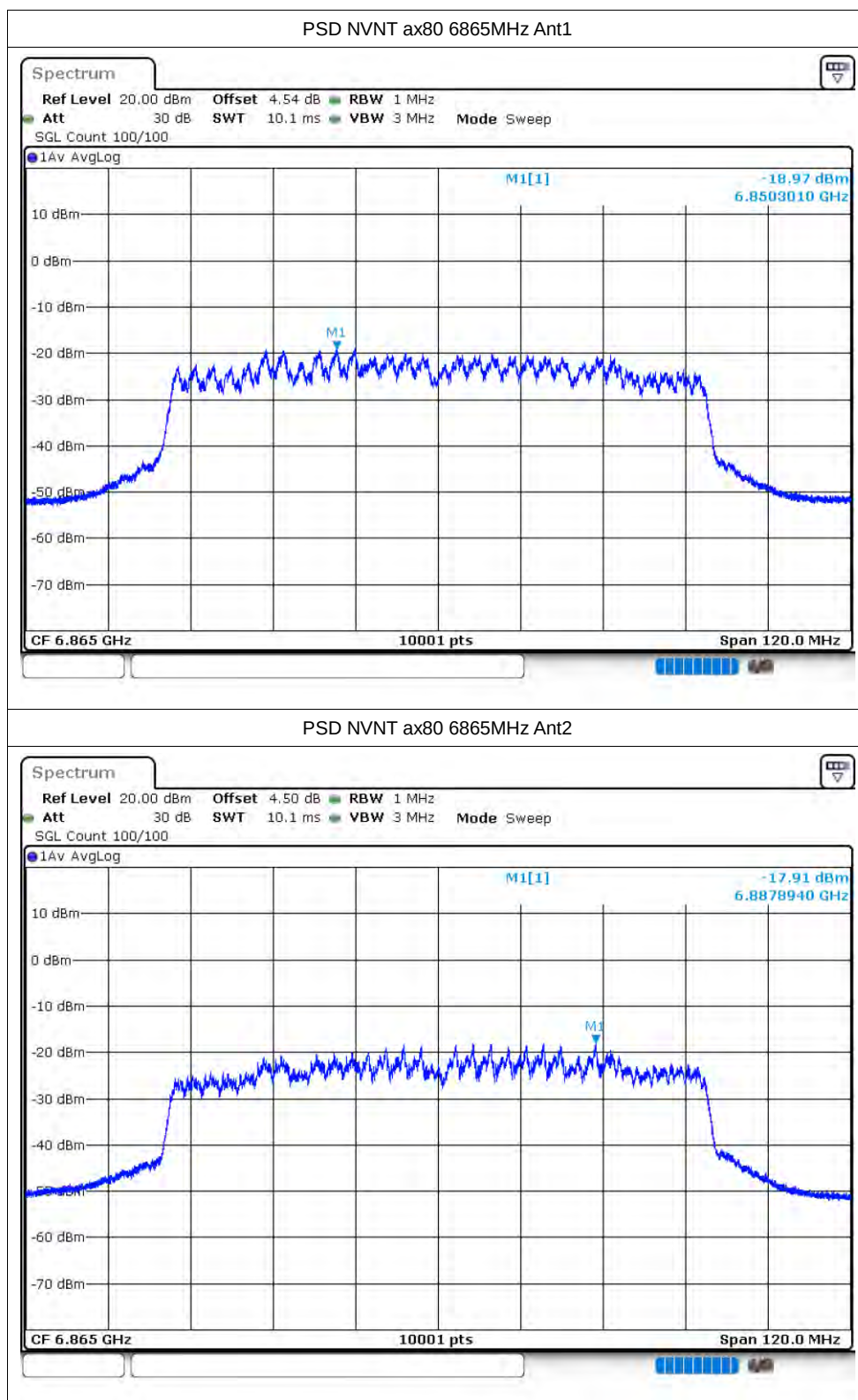


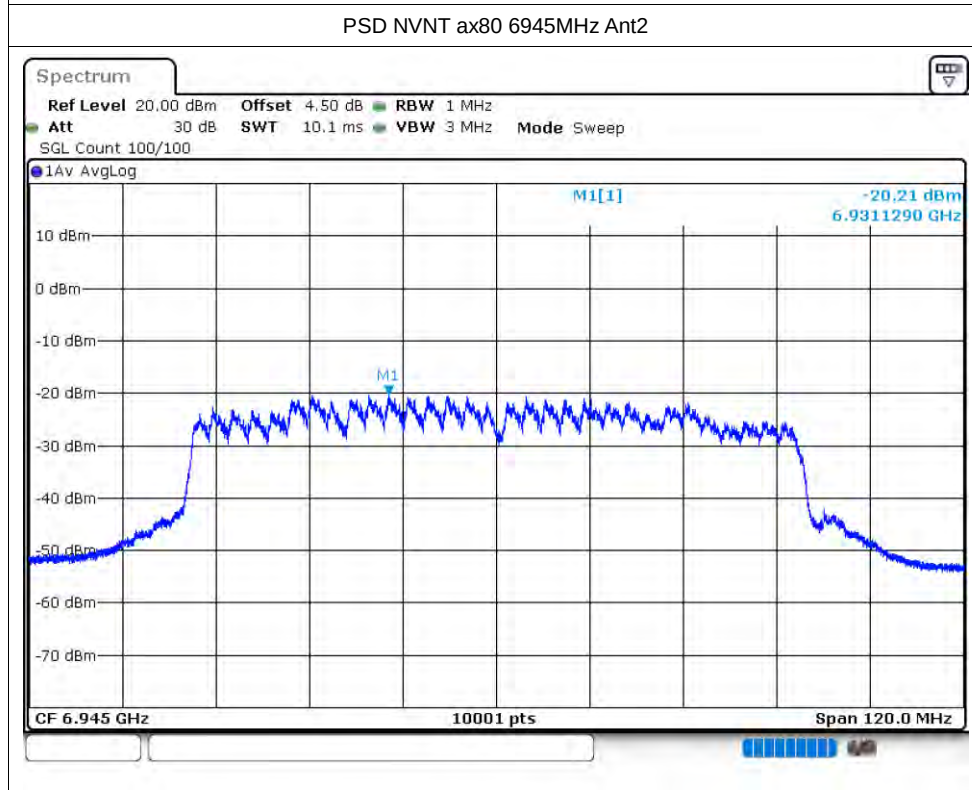
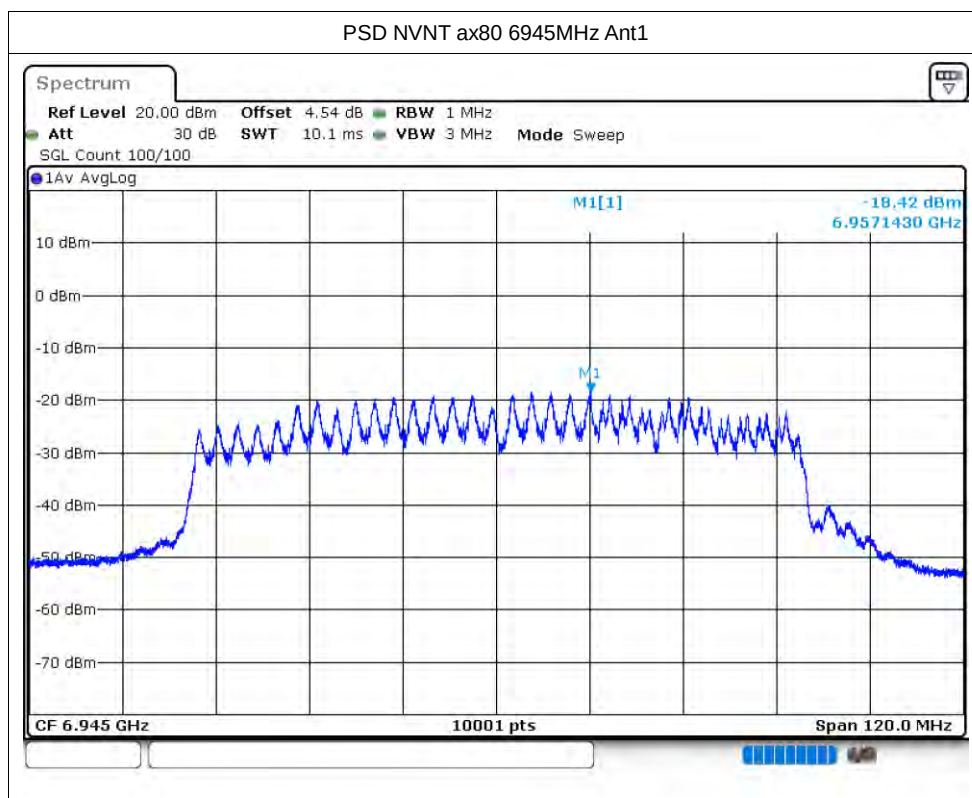


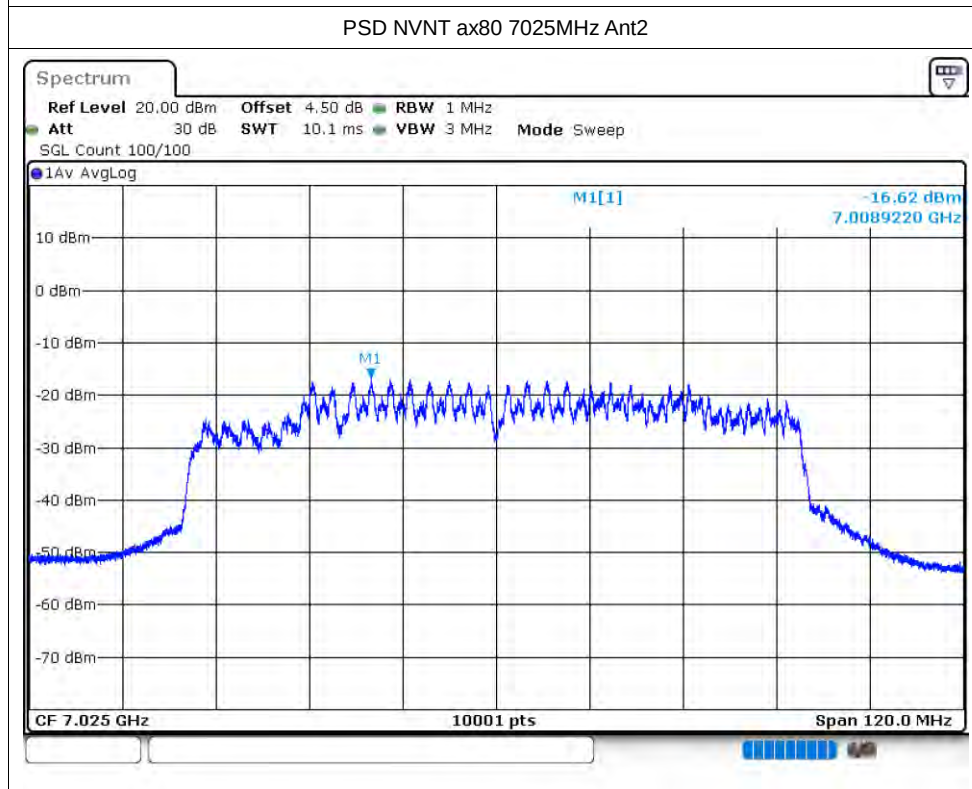
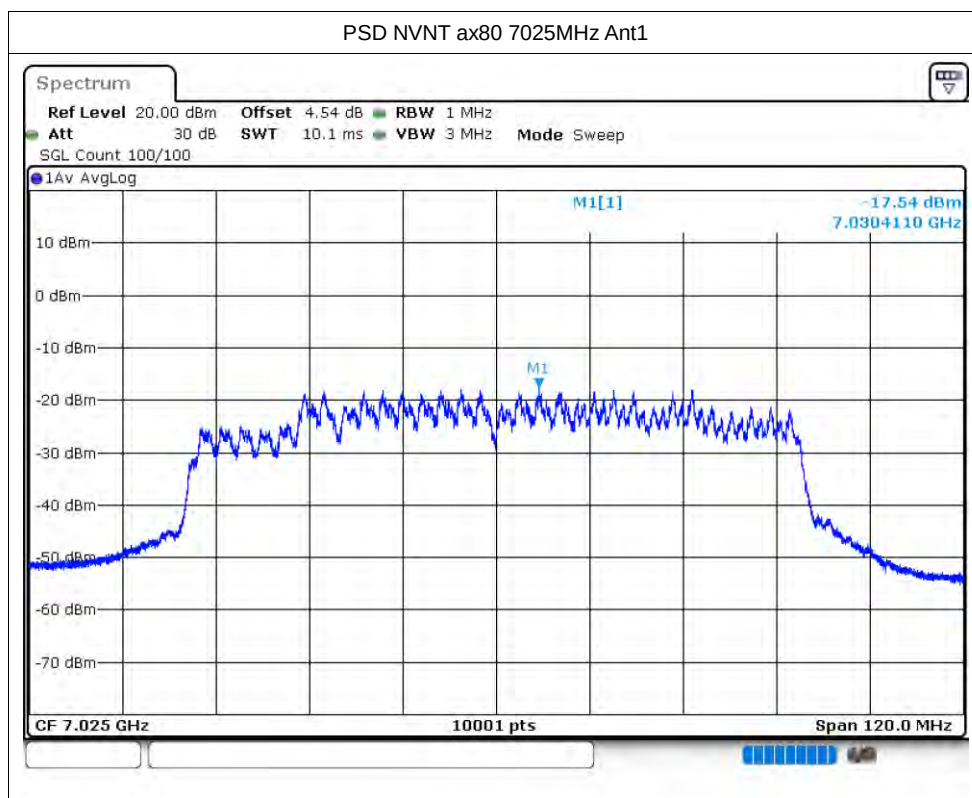










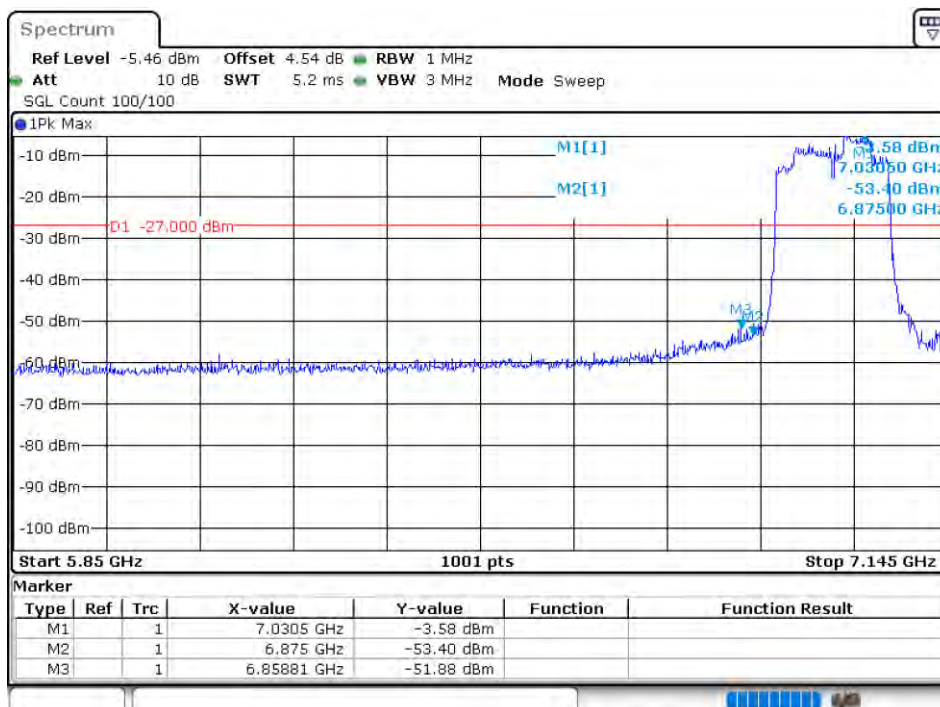


Band Edge

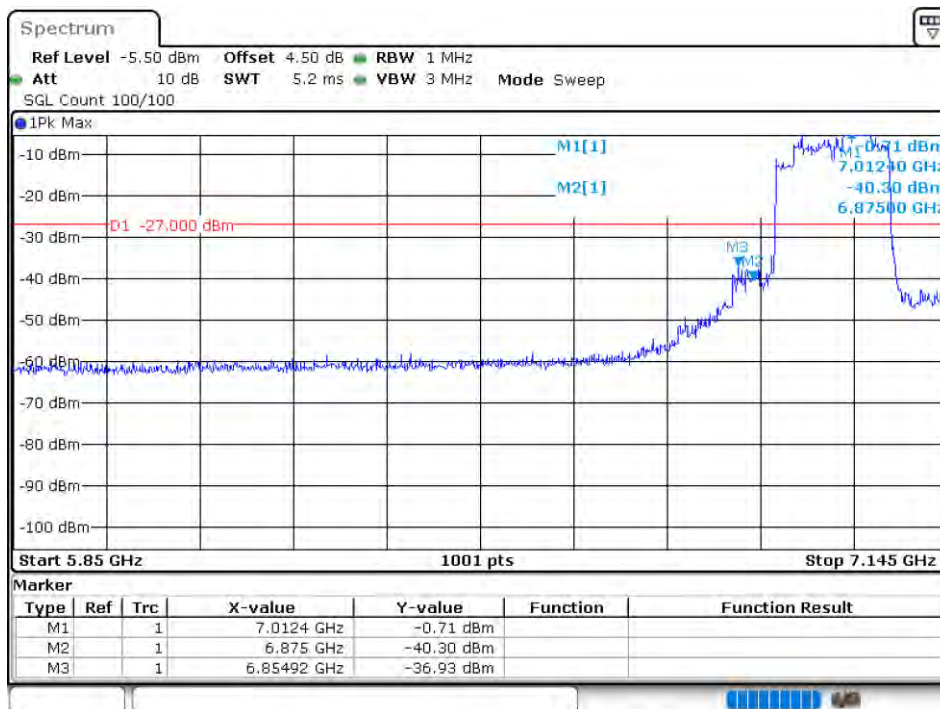
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-51.88	-27	Pass
NVNT	ax160	6985	Ant2	-36.92	-27	Pass
NVNT	ax20	6875	Ant1	-50.65	-27	Pass
NVNT	ax20	6875	Ant2	-50.6	-27	Pass
NVNT	ax20	7095	Ant1	-51.42	-27	Pass
NVNT	ax20	7095	Ant2	-51.69	-27	Pass
NVNT	ax40	6885	Ant1	-51.26	-27	Pass
NVNT	ax40	6885	Ant2	-51.54	-27	Pass
NVNT	ax40	7085	Ant1	-52.02	-27	Pass
NVNT	ax40	7085	Ant2	-51.89	-27	Pass
NVNT	ax80	6865	Ant1	-51.04	-27	Pass
NVNT	ax80	6865	Ant2	-50.62	-27	Pass
NVNT	ax80	7025	Ant1	-52.03	-27	Pass
NVNT	ax80	7025	Ant2	-52.18	-27	Pass

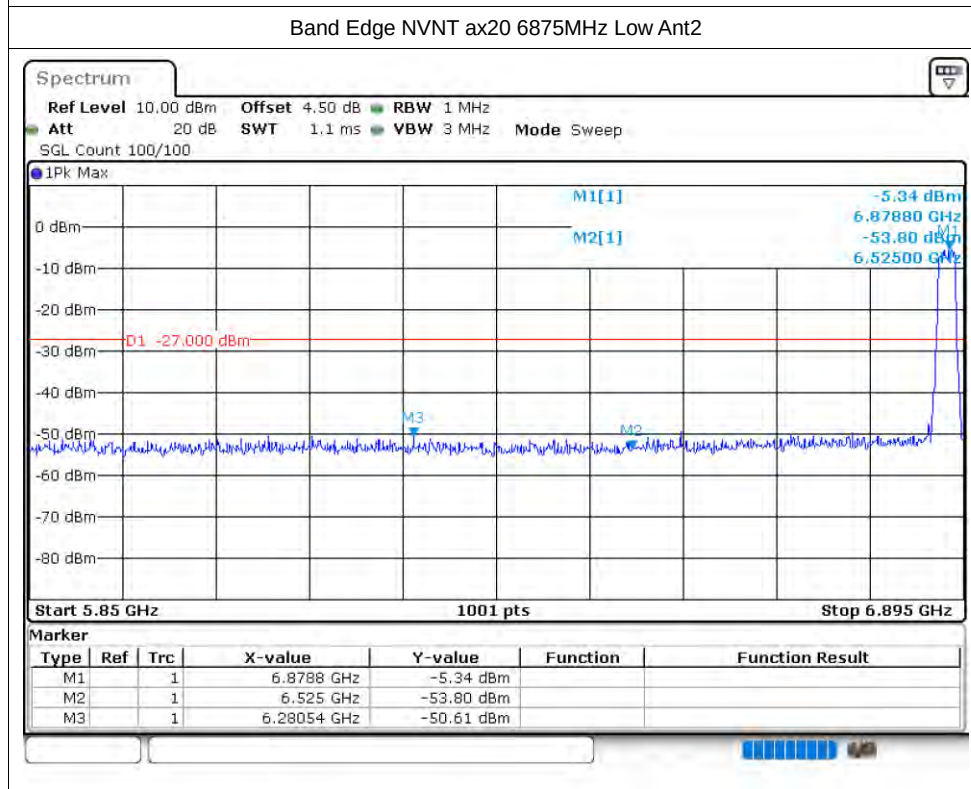
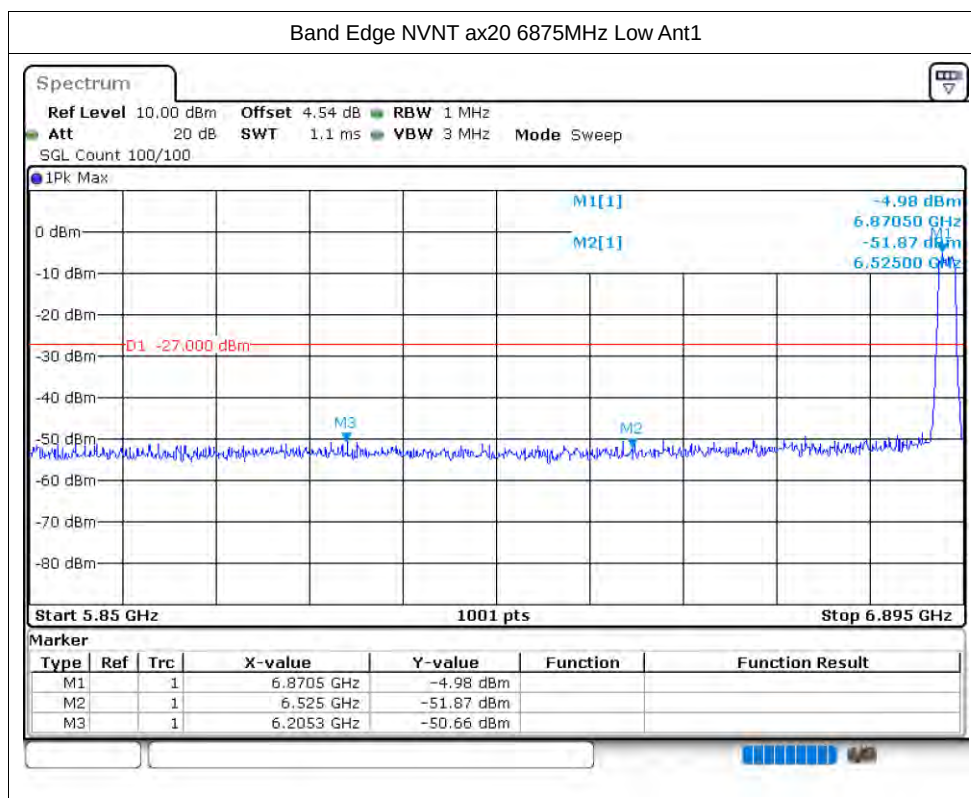
Test Graphs

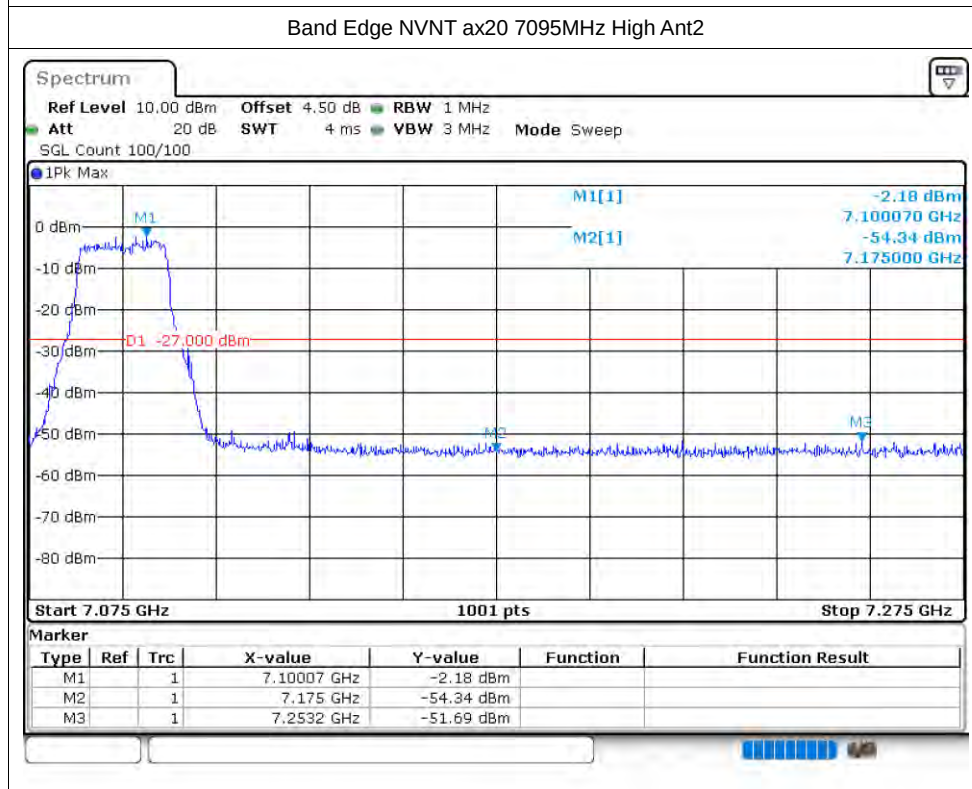
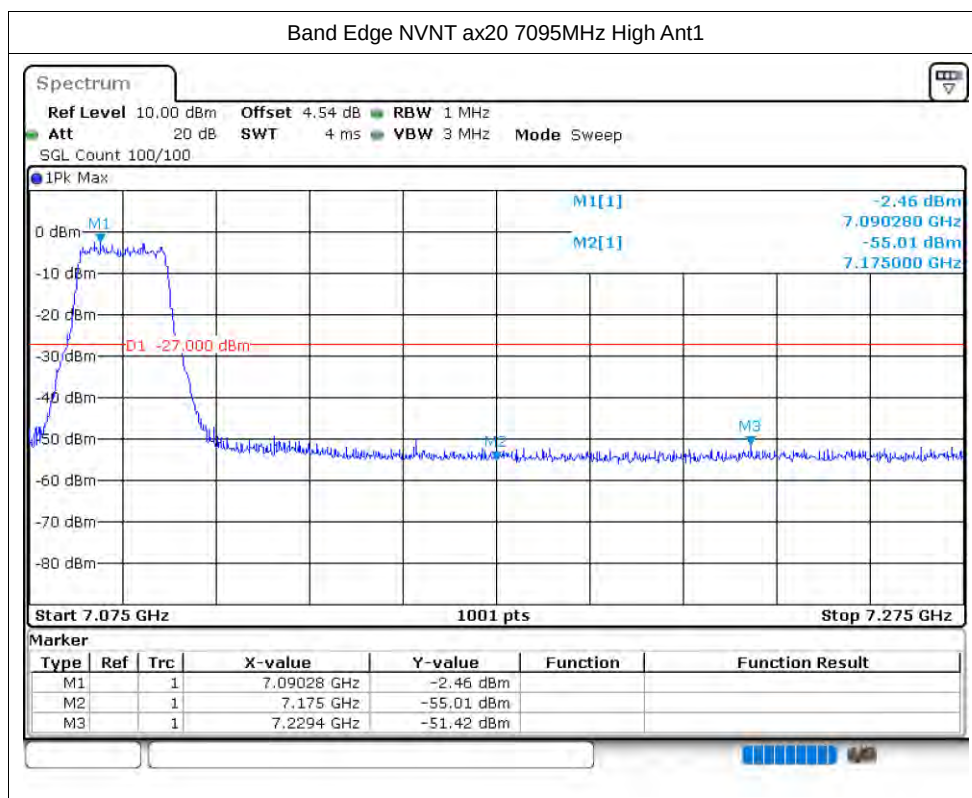
Band Edge NVNT ax160 6985MHz Low Ant1

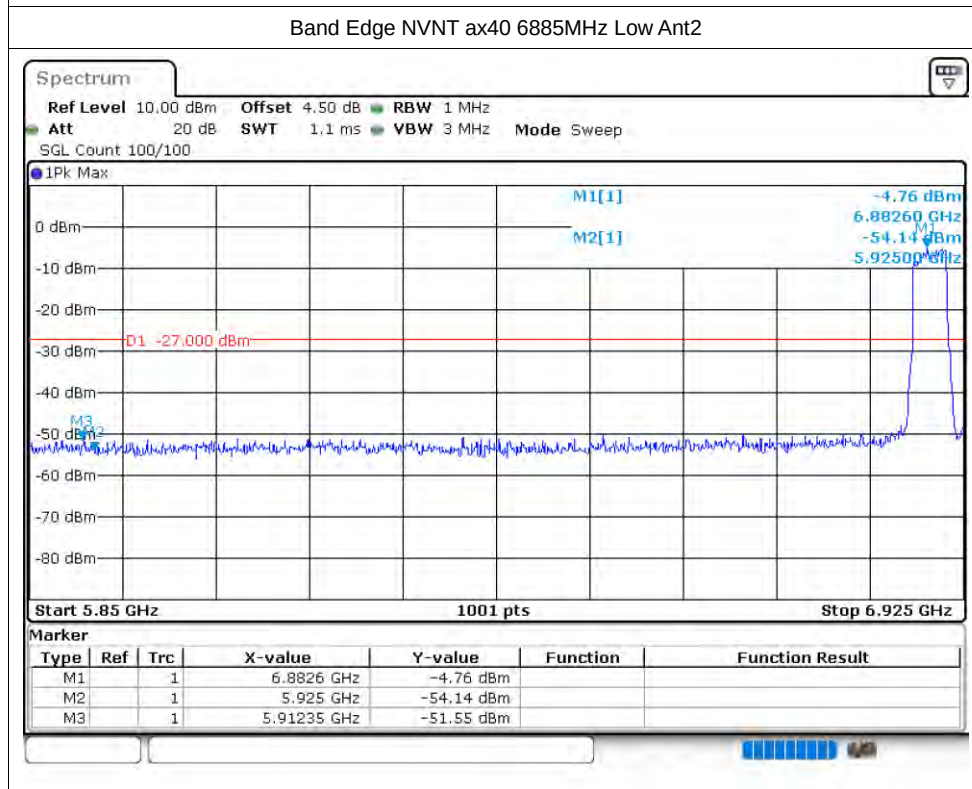
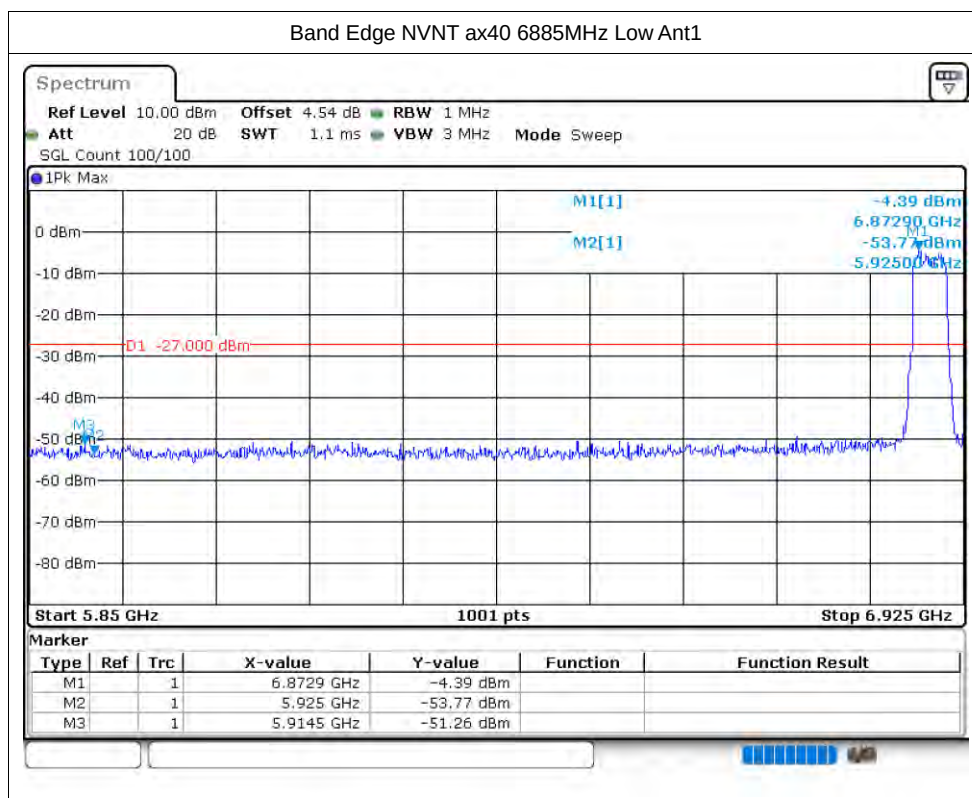


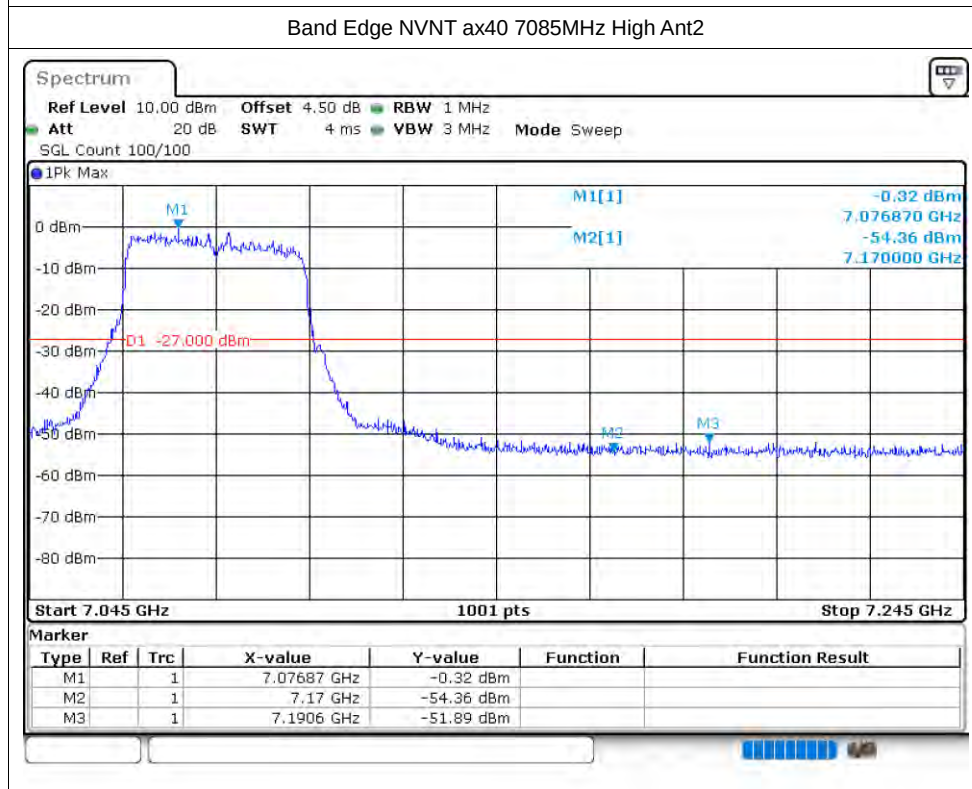
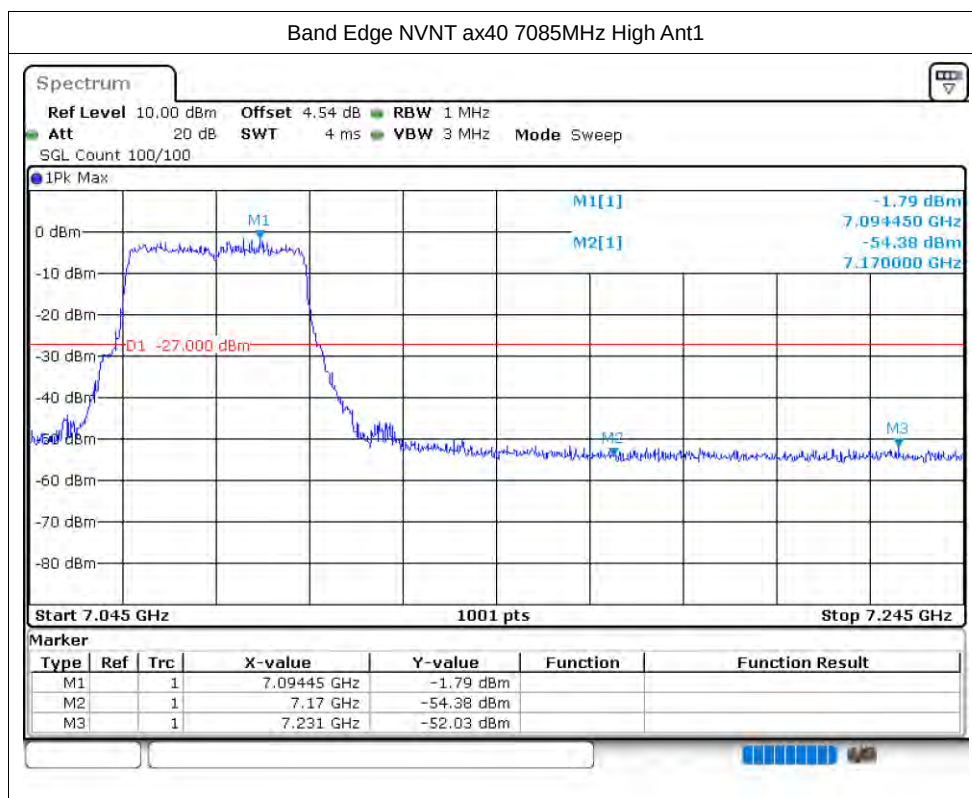
Band Edge NVNT ax160 6985MHz Low Ant2

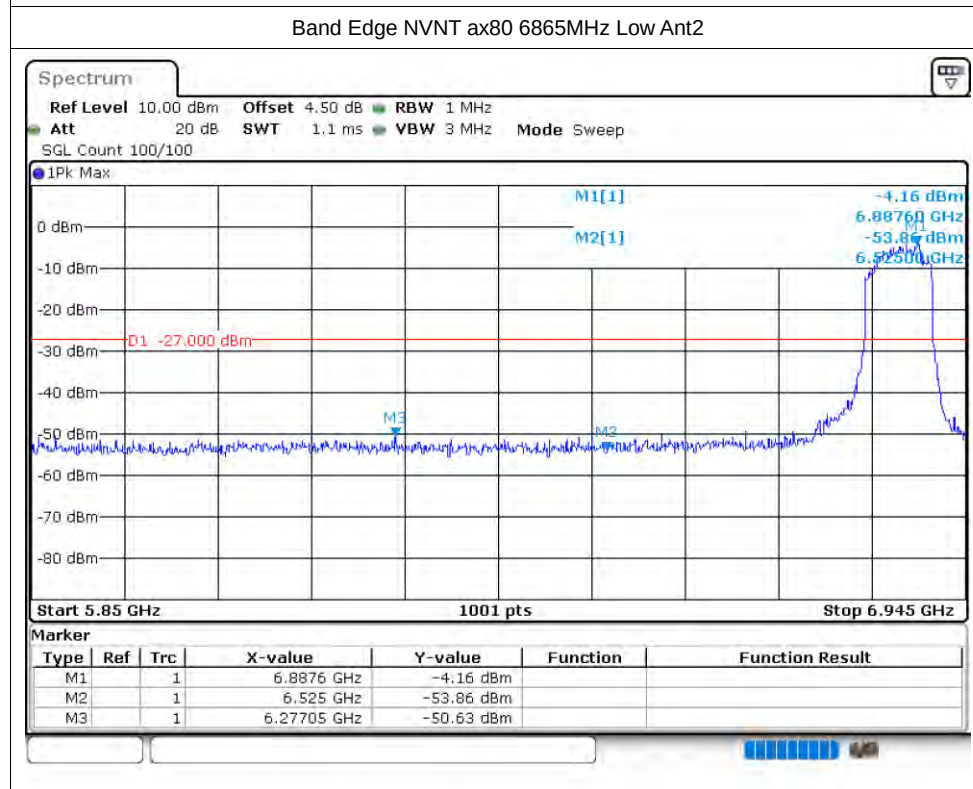
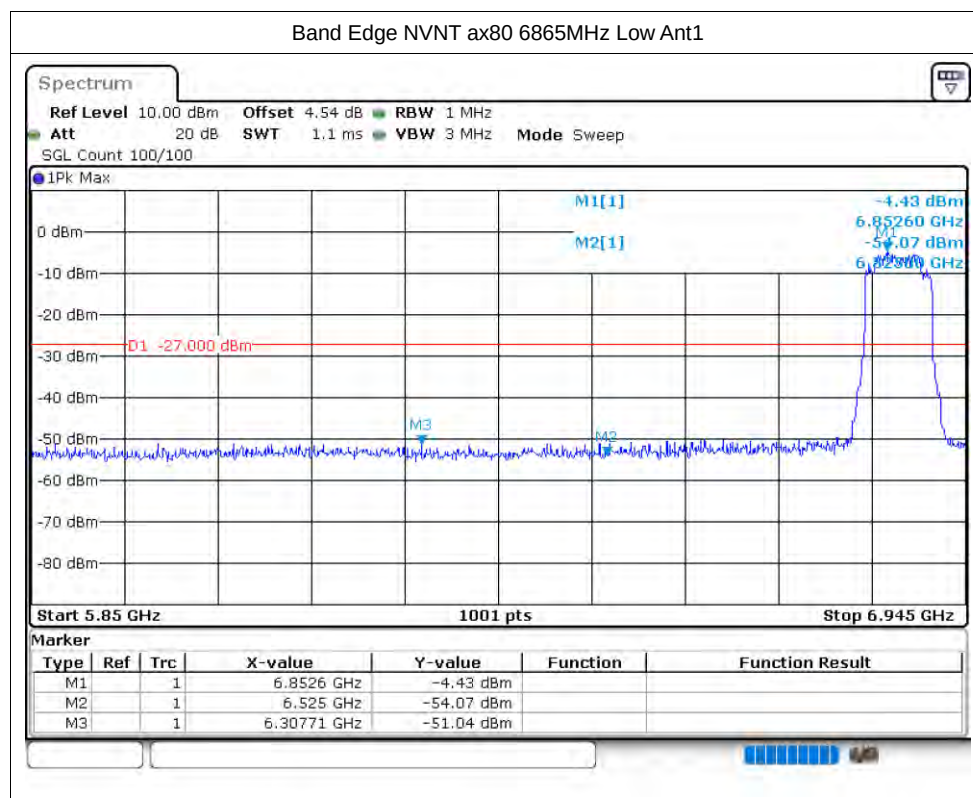


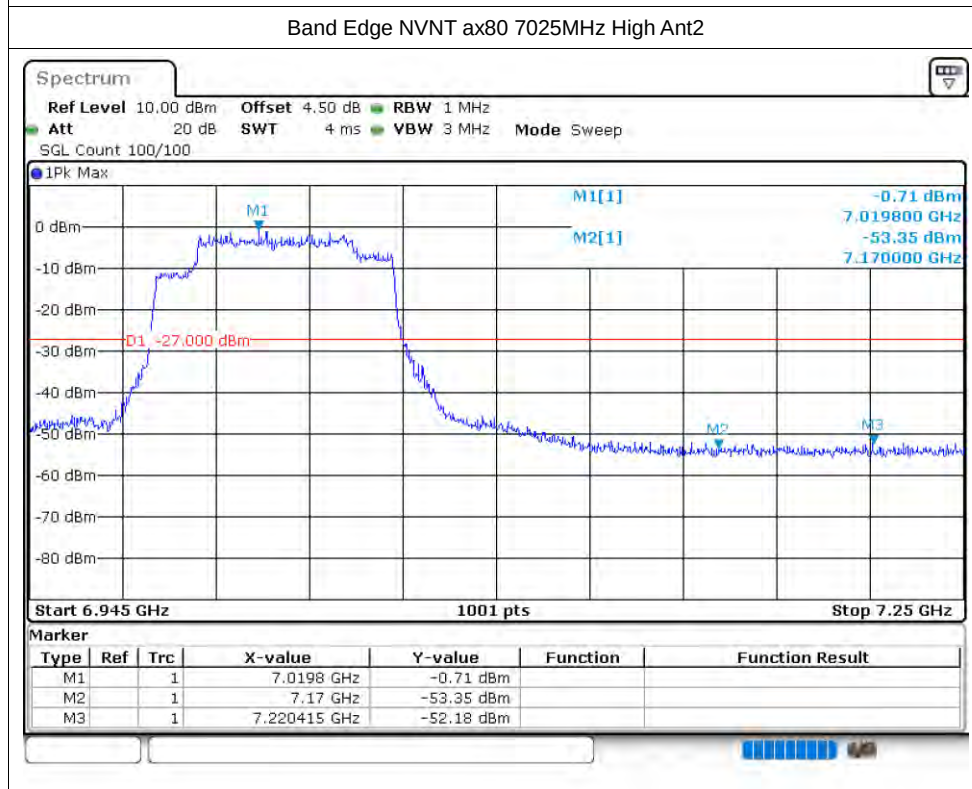
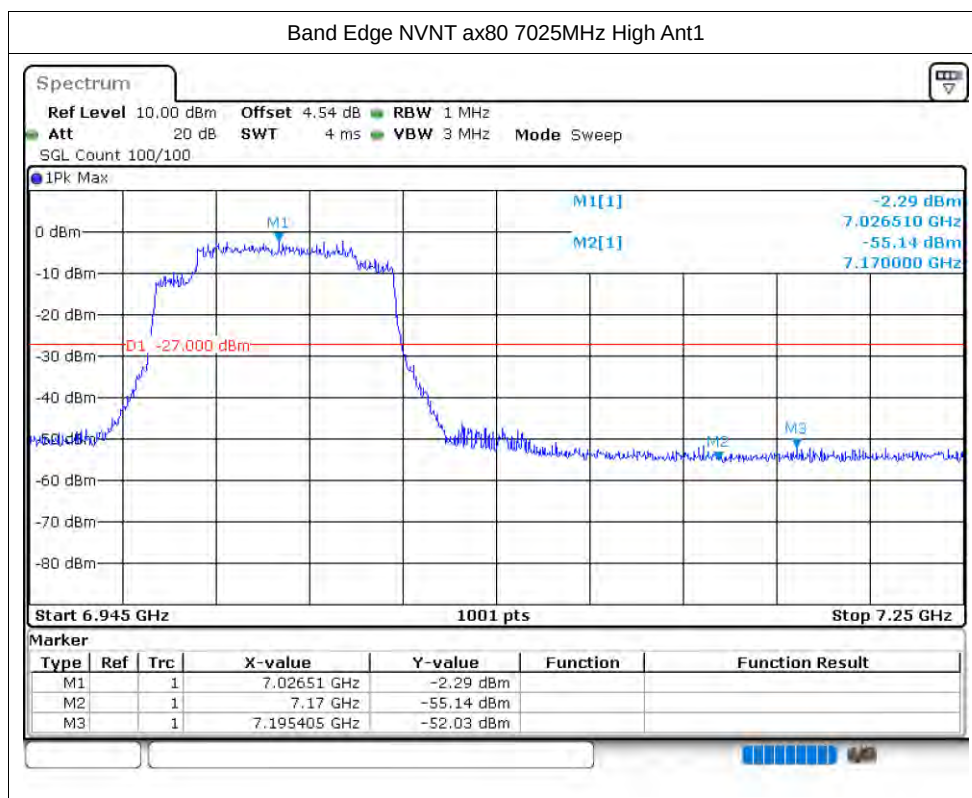










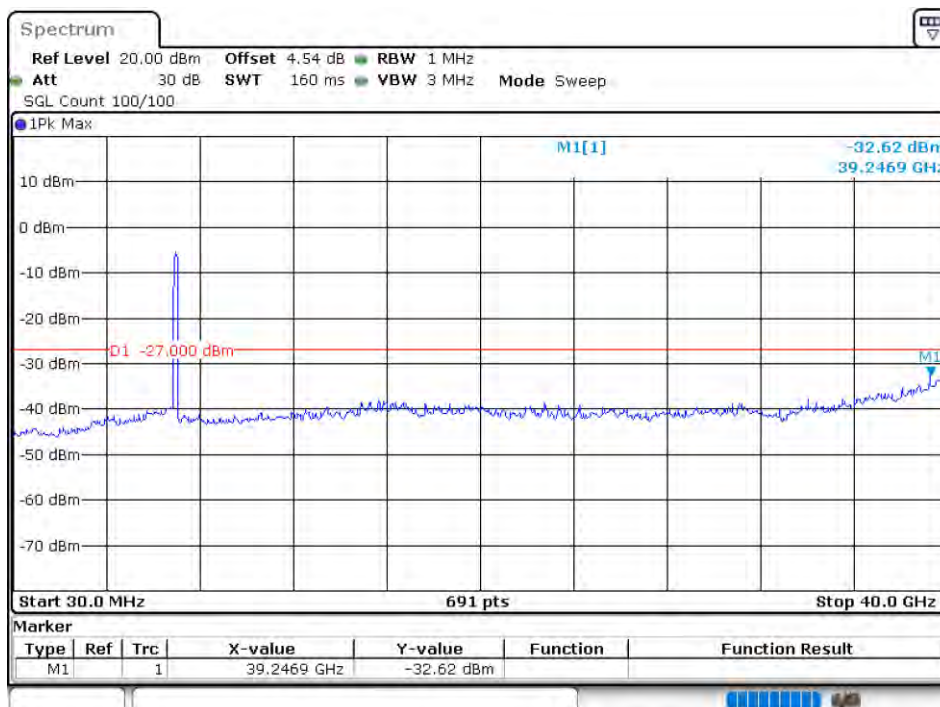


Conducted RF Spurious Emission

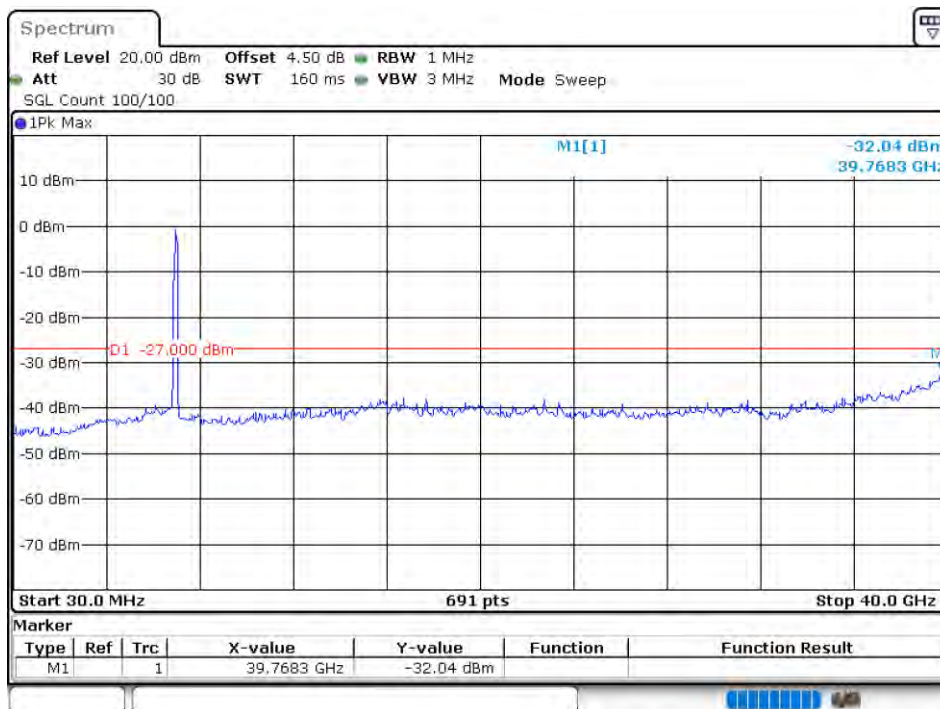
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-32.61	-27	Pass
NVNT	ax160	6985	Ant2	-32.04	-27	Pass
NVNT	ax20	6875	Ant1	-32.66	-27	Pass
NVNT	ax20	6875	Ant2	-32.76	-27	Pass
NVNT	ax20	6995	Ant1	-33.2	-27	Pass
NVNT	ax20	6995	Ant2	-32.4	-27	Pass
NVNT	ax20	7095	Ant1	-32.03	-27	Pass
NVNT	ax20	7095	Ant2	-32.95	-27	Pass
NVNT	ax40	6885	Ant1	-32.42	-27	Pass
NVNT	ax40	6885	Ant2	-32.55	-27	Pass
NVNT	ax40	6965	Ant1	-32.76	-27	Pass
NVNT	ax40	6965	Ant2	-32.42	-27	Pass
NVNT	ax40	7085	Ant1	-31.95	-27	Pass
NVNT	ax40	7085	Ant2	-32.46	-27	Pass
NVNT	ax80	6865	Ant1	-32.88	-27	Pass
NVNT	ax80	6865	Ant2	-32.5	-27	Pass
NVNT	ax80	6945	Ant1	-32.48	-27	Pass
NVNT	ax80	6945	Ant2	-33.02	-27	Pass
NVNT	ax80	7025	Ant1	-32.51	-27	Pass
NVNT	ax80	7025	Ant2	-32.91	-27	Pass

Test Graphs

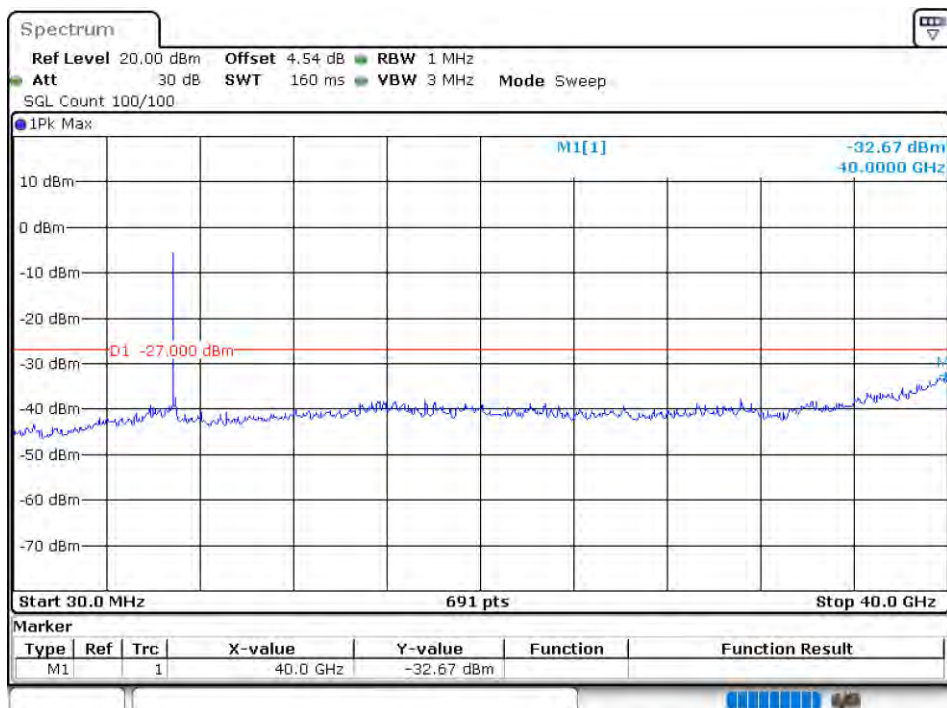
Tx. Spurious NVNT ax160 6985MHz Ant1 Emission



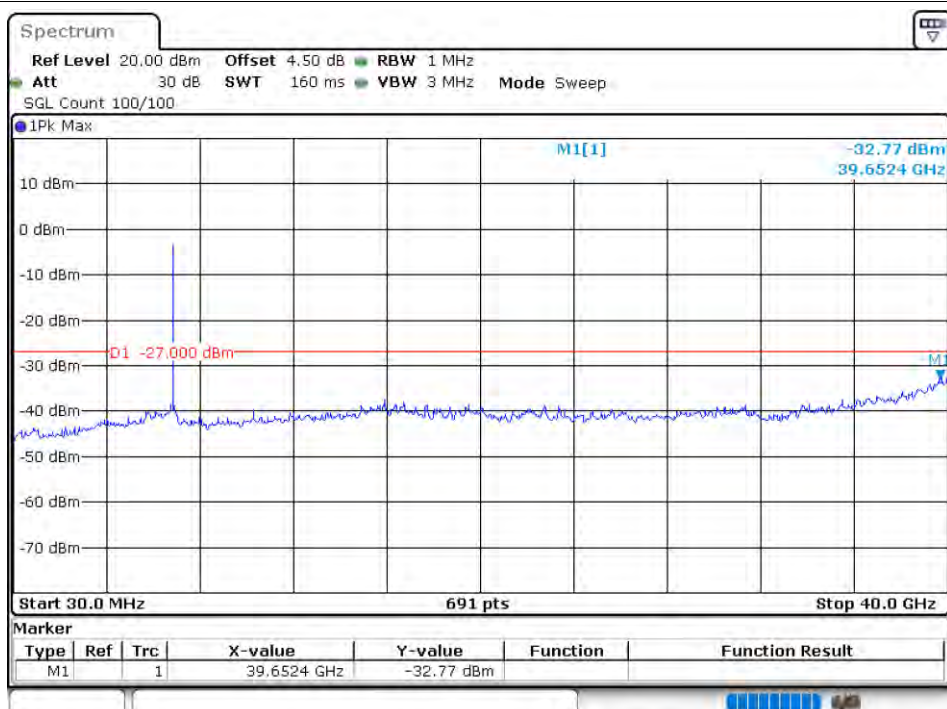
Tx. Spurious NVNT ax160 6985MHz Ant2 Emission

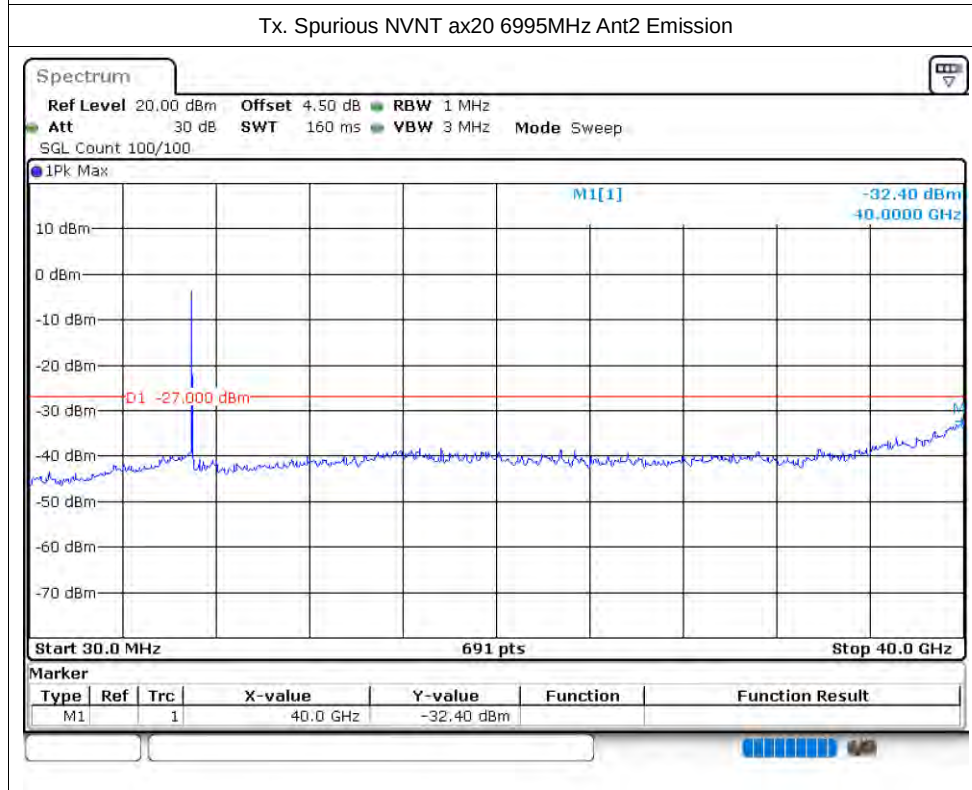
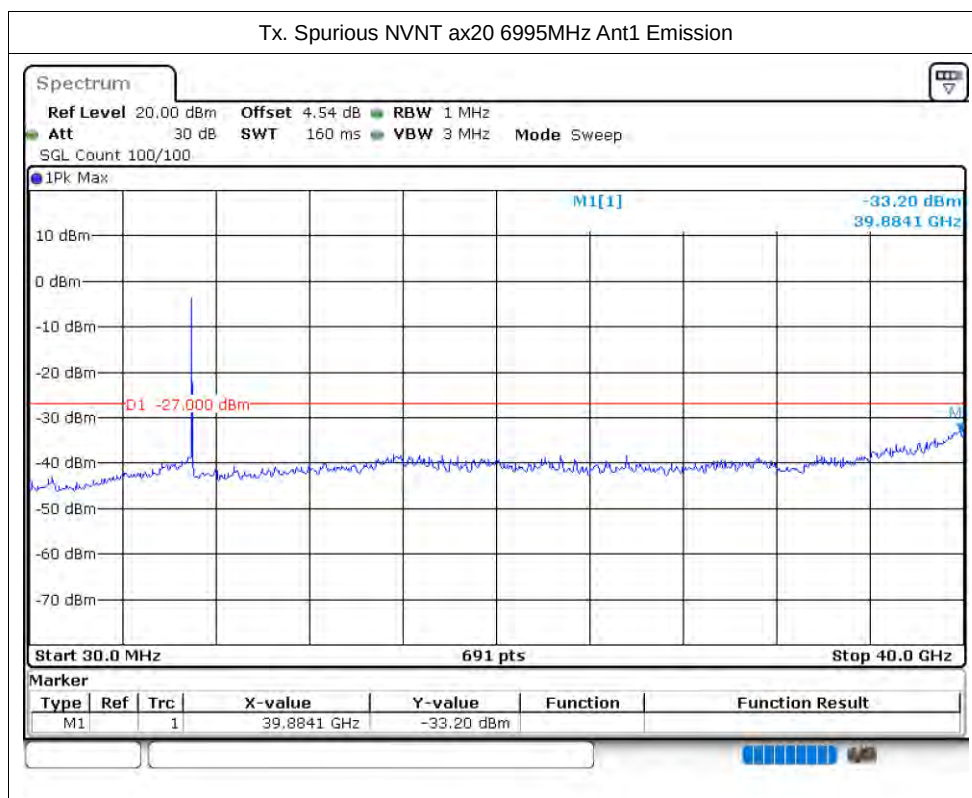


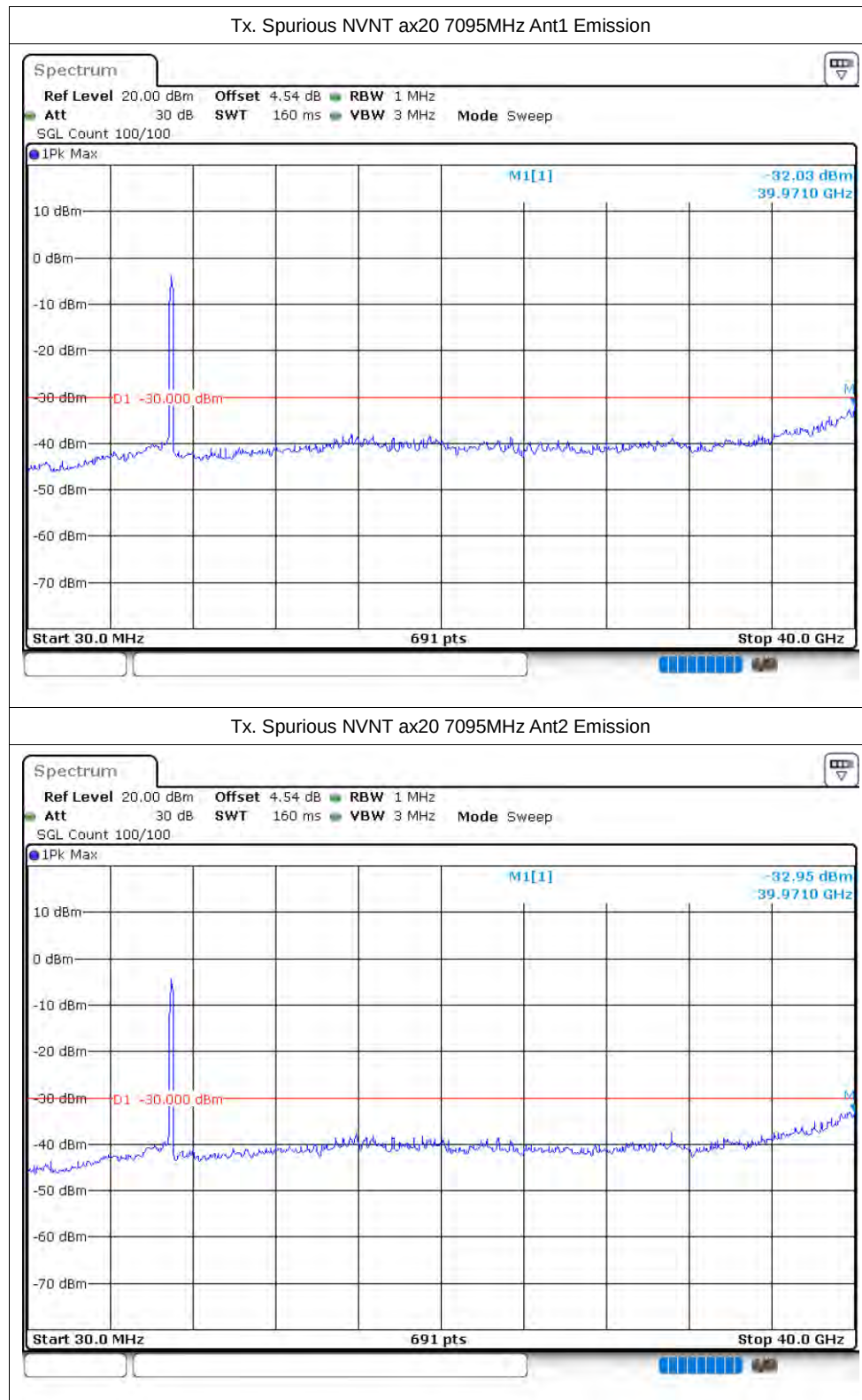
Tx. Spurious NVNT ax20 6875MHz Ant1 Emission



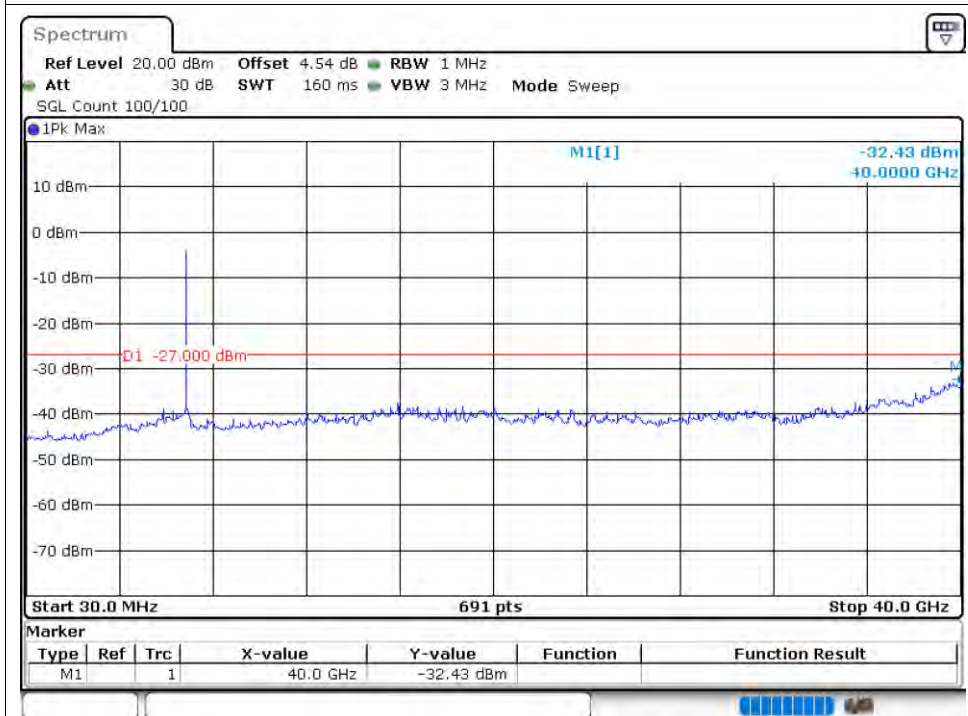
Tx. Spurious NVNT ax20 6875MHz Ant2 Emission



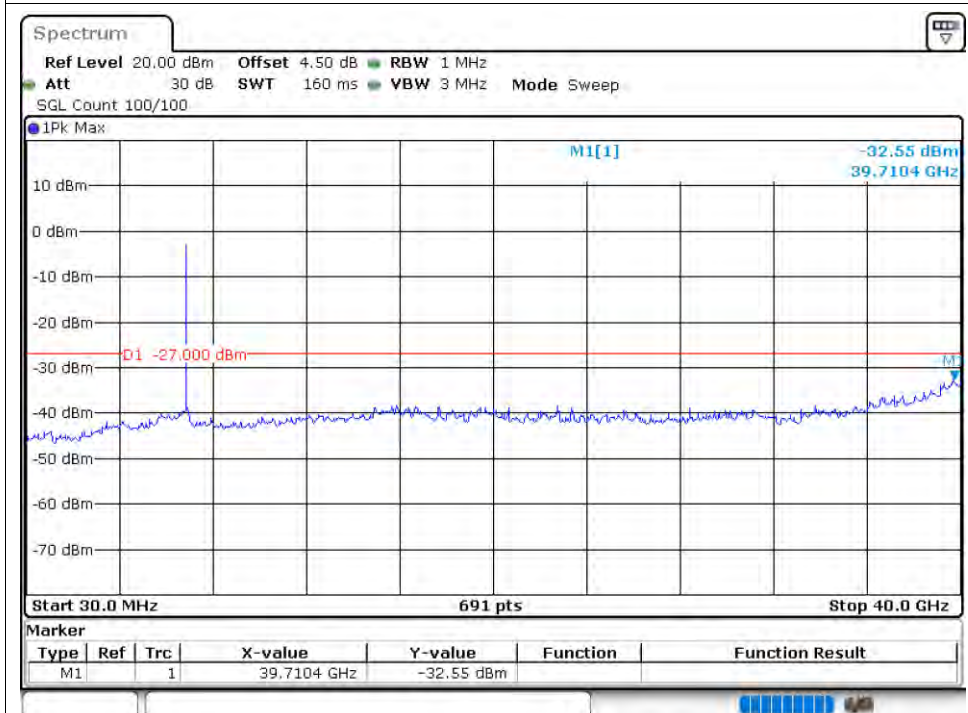




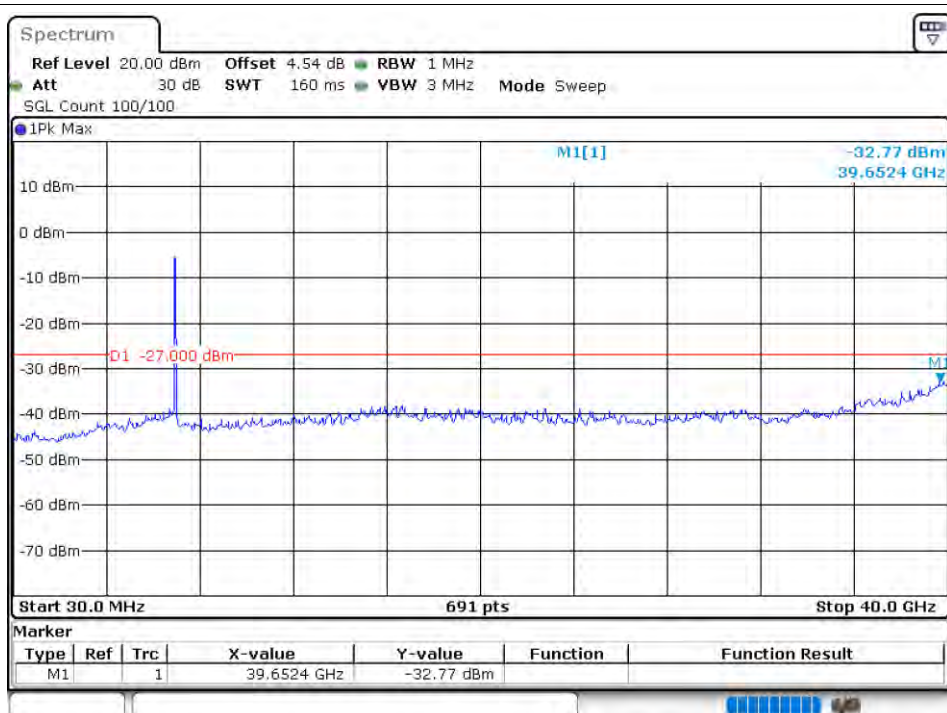
Tx. Spurious NVNT ax40 6885MHz Ant1 Emission



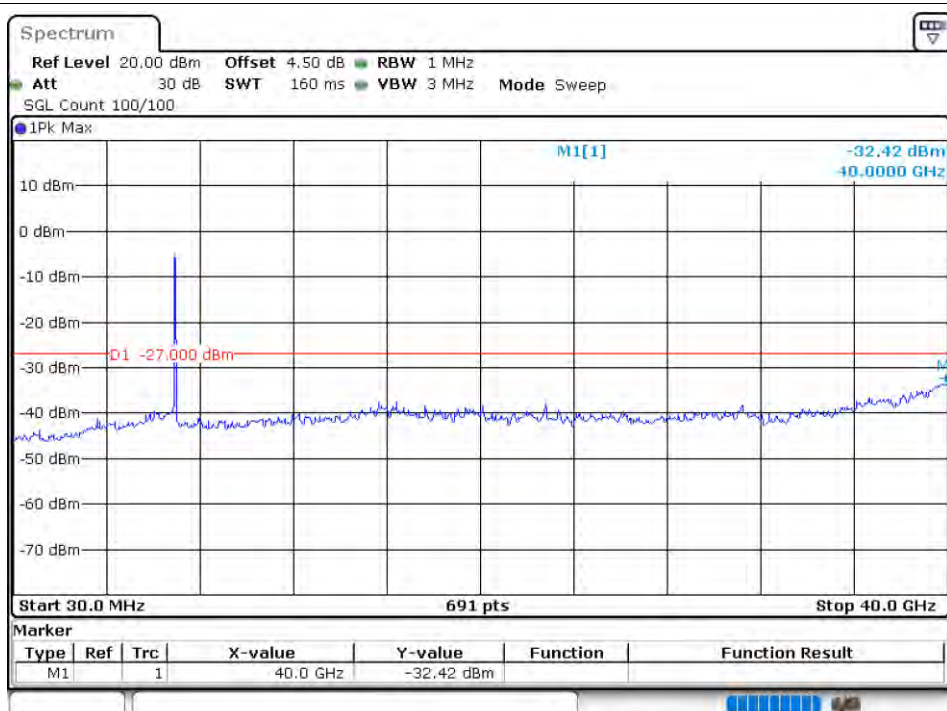
Tx. Spurious NVNT ax40 6885MHz Ant2 Emission



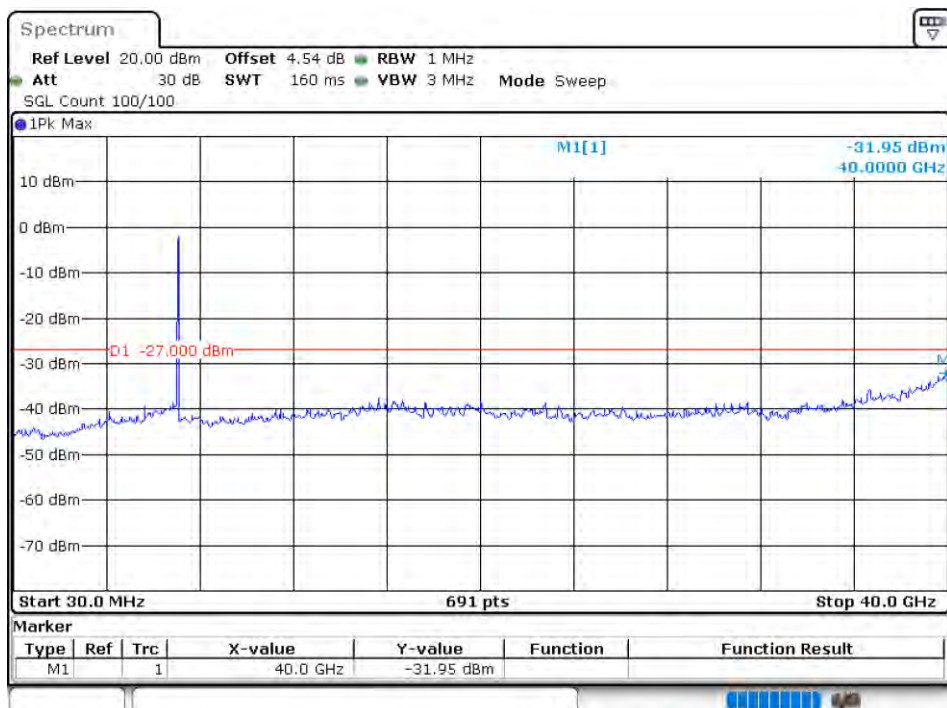
Tx. Spurious NVNT ax40 6965MHz Ant1 Emission



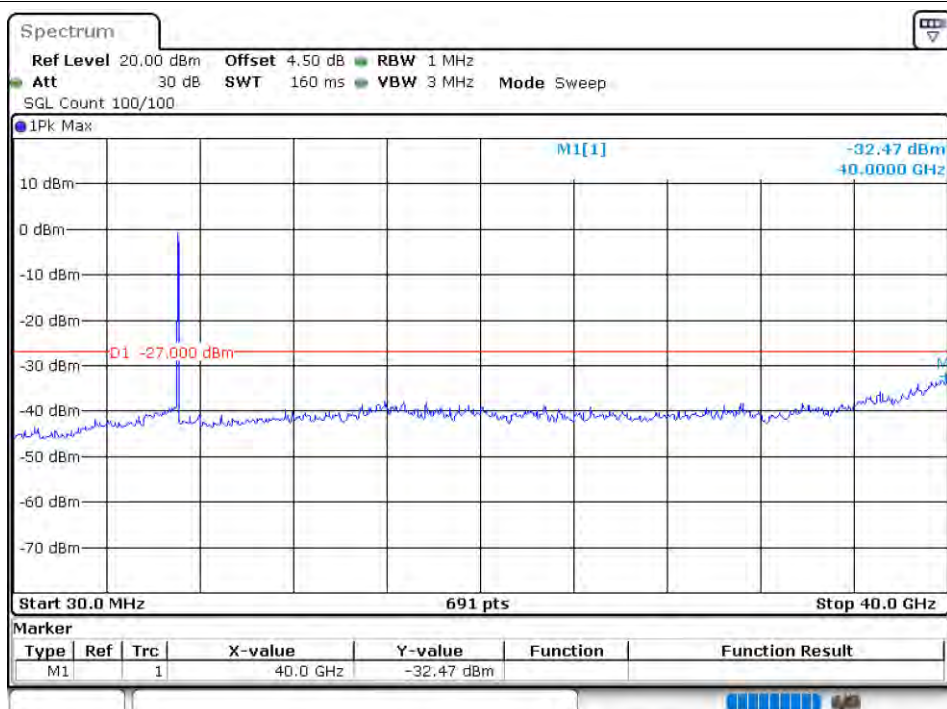
Tx. Spurious NVNT ax40 6965MHz Ant2 Emission



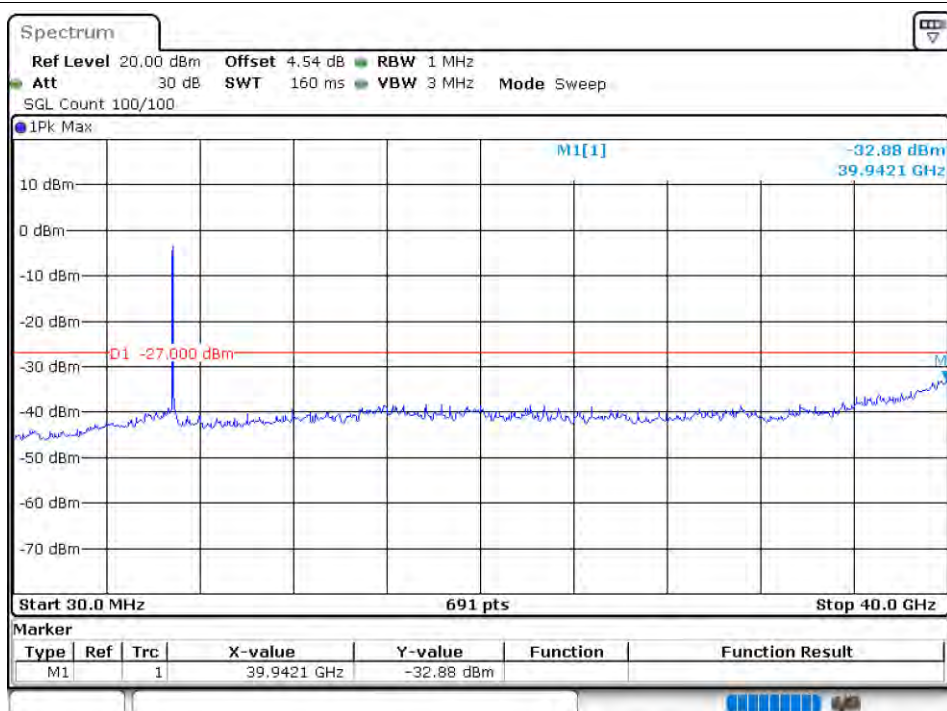
Tx. Spurious NVNT ax40 7085MHz Ant1 Emission



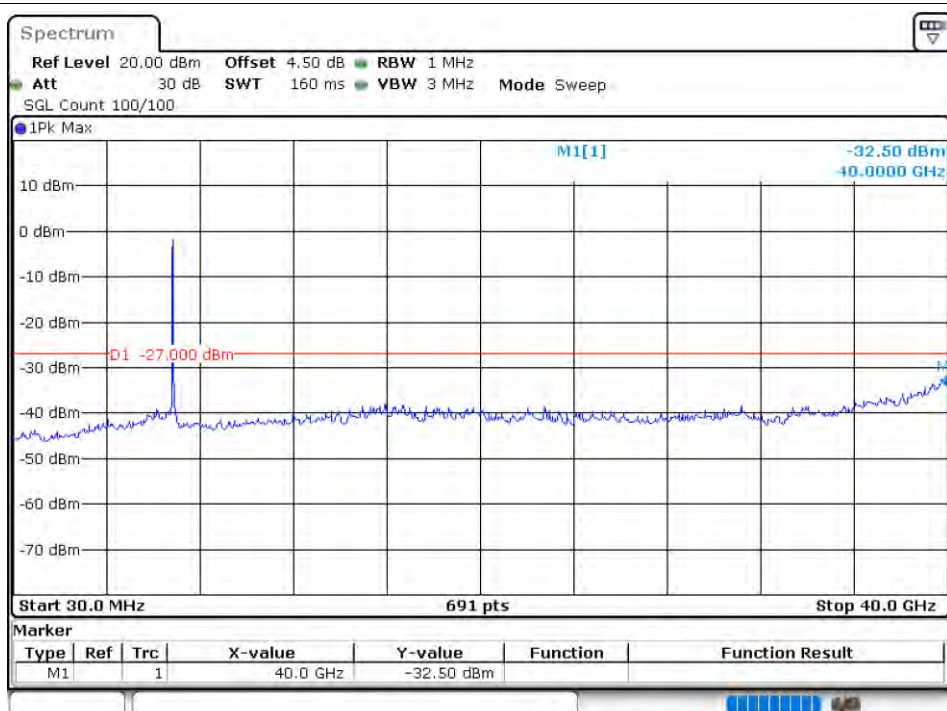
Tx. Spurious NVNT ax40 7085MHz Ant2 Emission

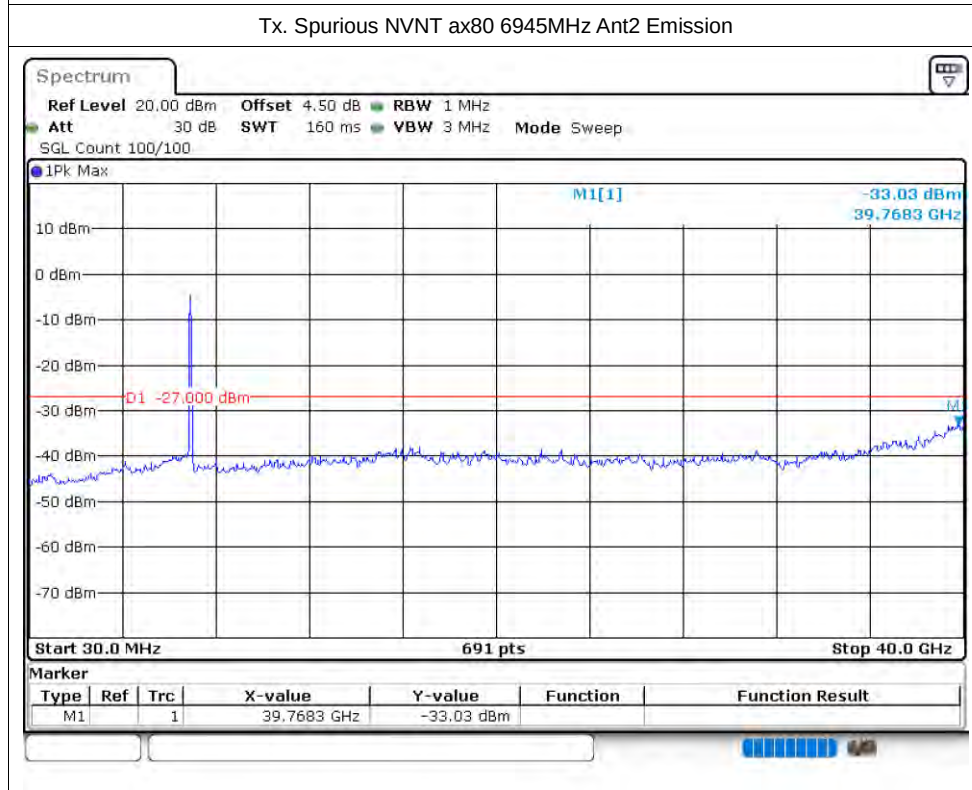
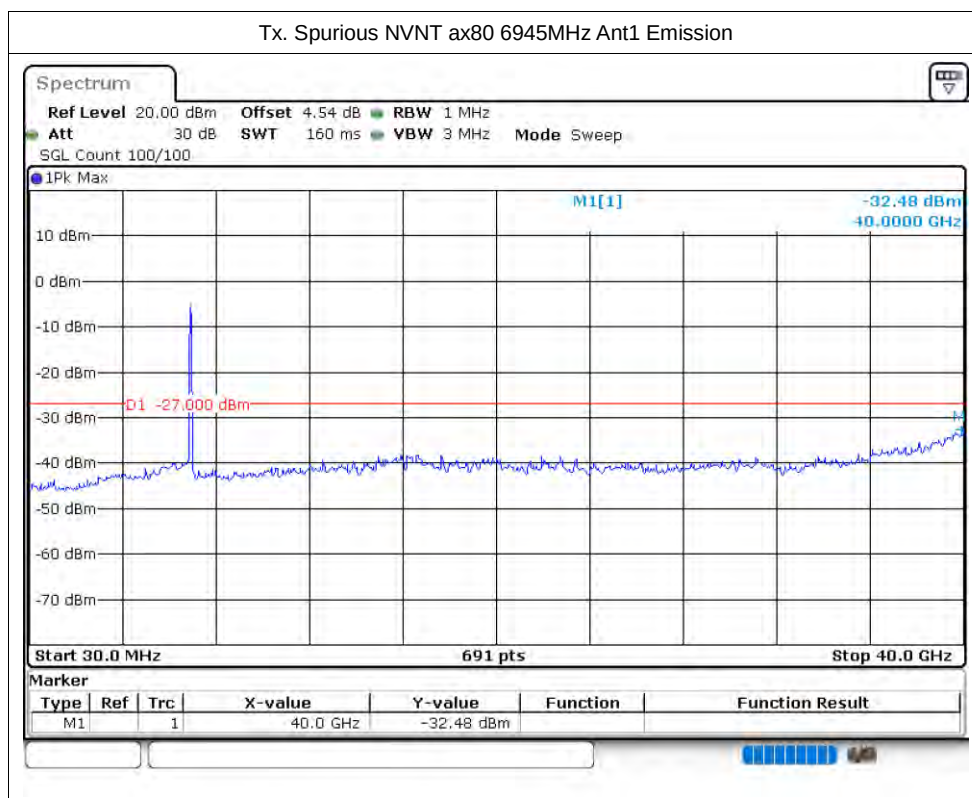


Tx. Spurious NVNT ax80 6865MHz Ant1 Emission

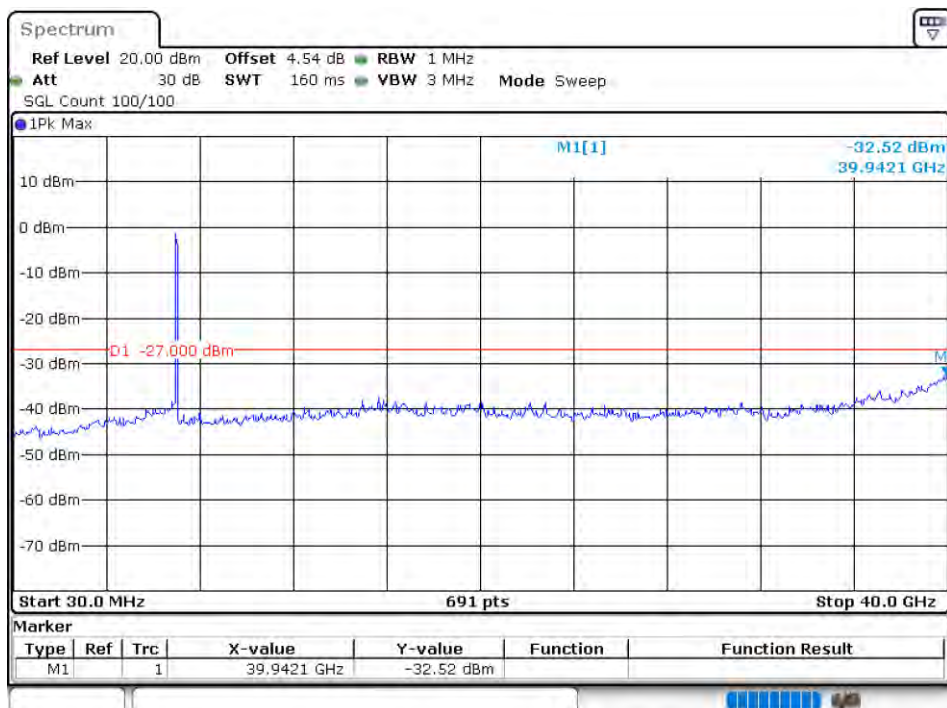


Tx. Spurious NVNT ax80 6865MHz Ant2 Emission

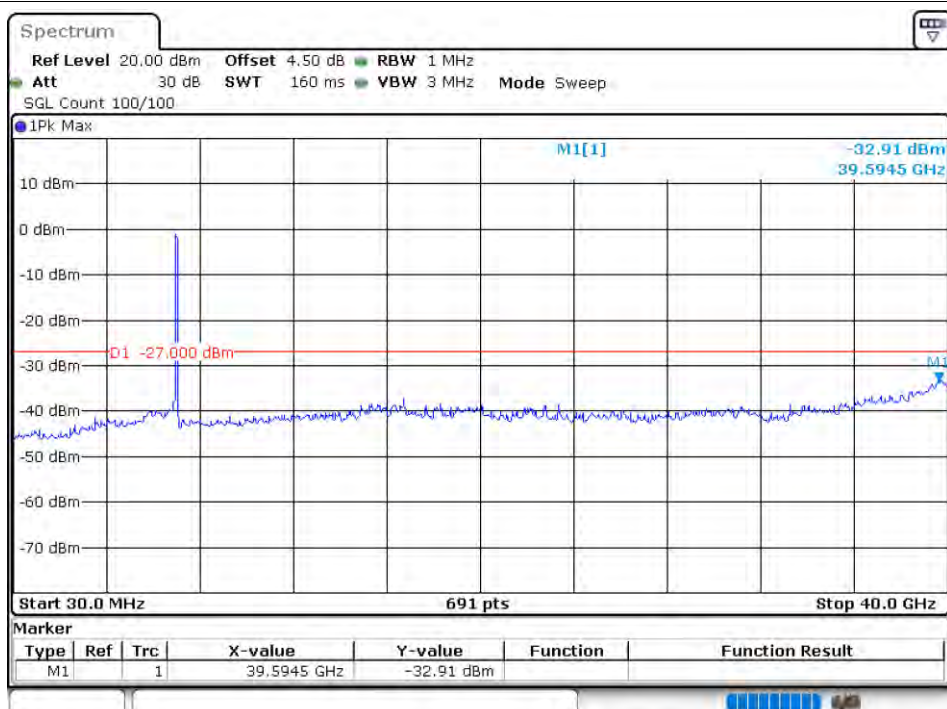




Tx. Spurious NVNT ax80 7025MHz Ant1 Emission



Tx. Spurious NVNT ax80 7025MHz Ant2 Emission

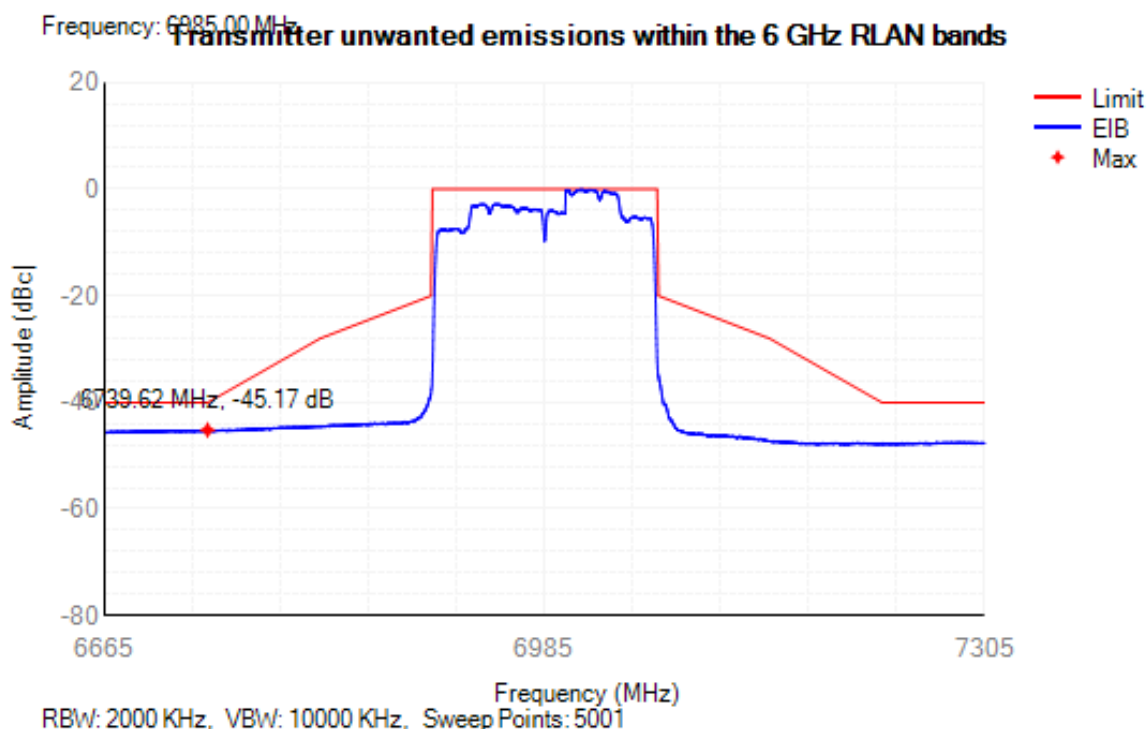


Power spectral mask

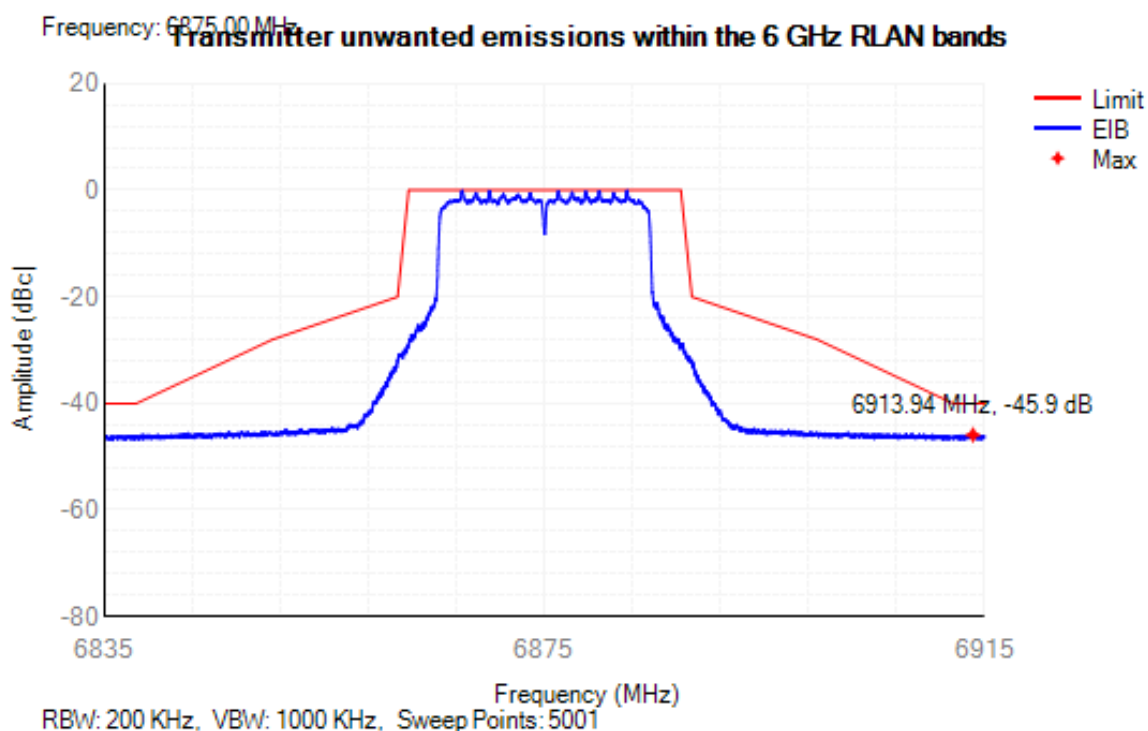
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6985	Sum	Band1	6739.62	-45.17	-40	Pass
NVNT	ax20	6875	Sum	Band1	6913.94	-45.9	-40	Pass
NVNT	ax20	6995	Sum	Band1	6958.12	-47.2	-40	Pass
NVNT	ax20	7095	Sum	Band1	7055.08	-48.77	-40	Pass
NVNT	ax40	6885	Sum	Band1	6954.38	-45.27	-40	Pass
NVNT	ax40	6965	Sum	Band1	6891.66	-43.99	-40	Pass
NVNT	ax40	7085	Sum	Band1	7062.28	-28.33	-20	Pass
NVNT	ax80	6865	Sum	Band1	6996.58	-45.35	-40	Pass
NVNT	ax80	6945	Sum	Band1	6813.8	-44.32	-40	Pass
NVNT	ax80	7025	Sum	Band1	7066.98	-26.36	-20.01	Pass

Test Graphs

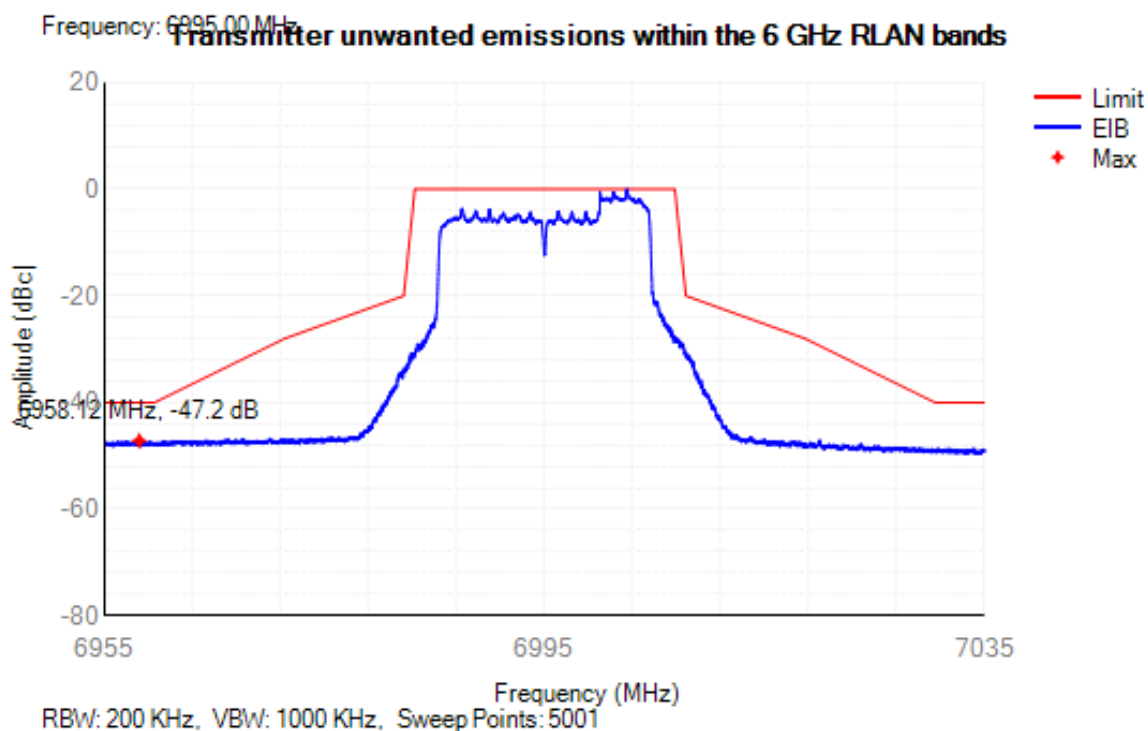
Power spectral mask NVNT ax160 6985MHz



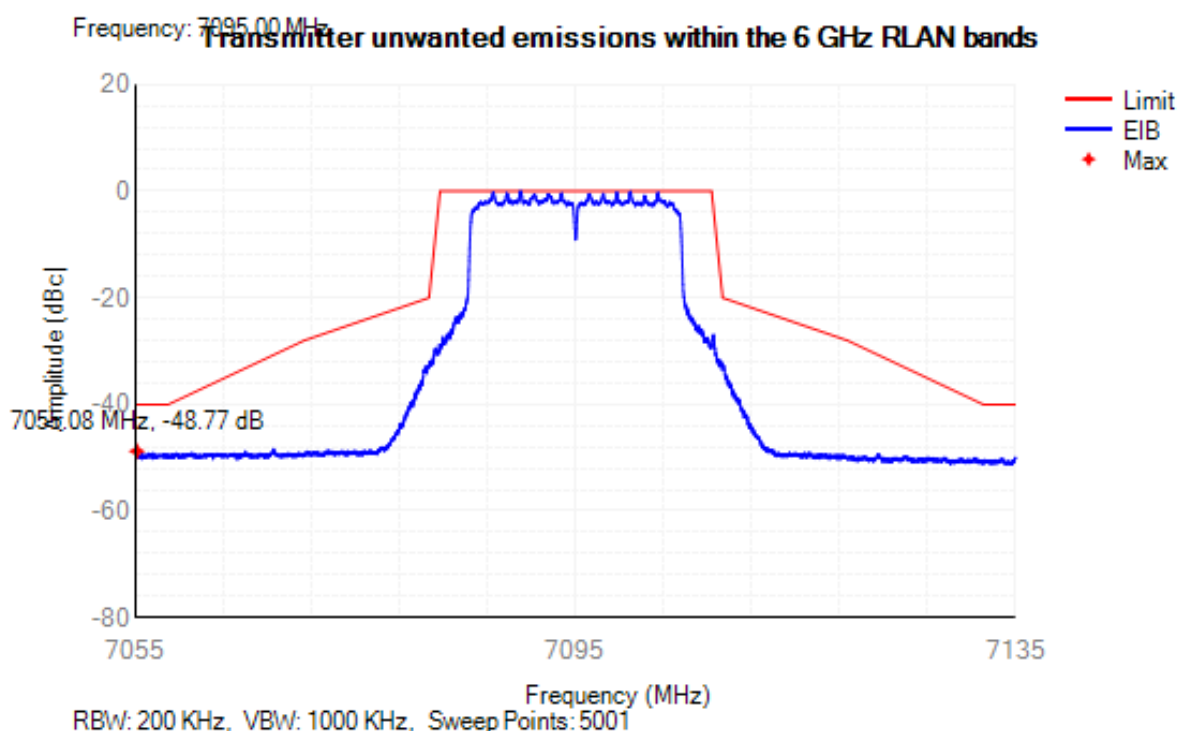
Power spectral mask NVNT ax20 6875MHz



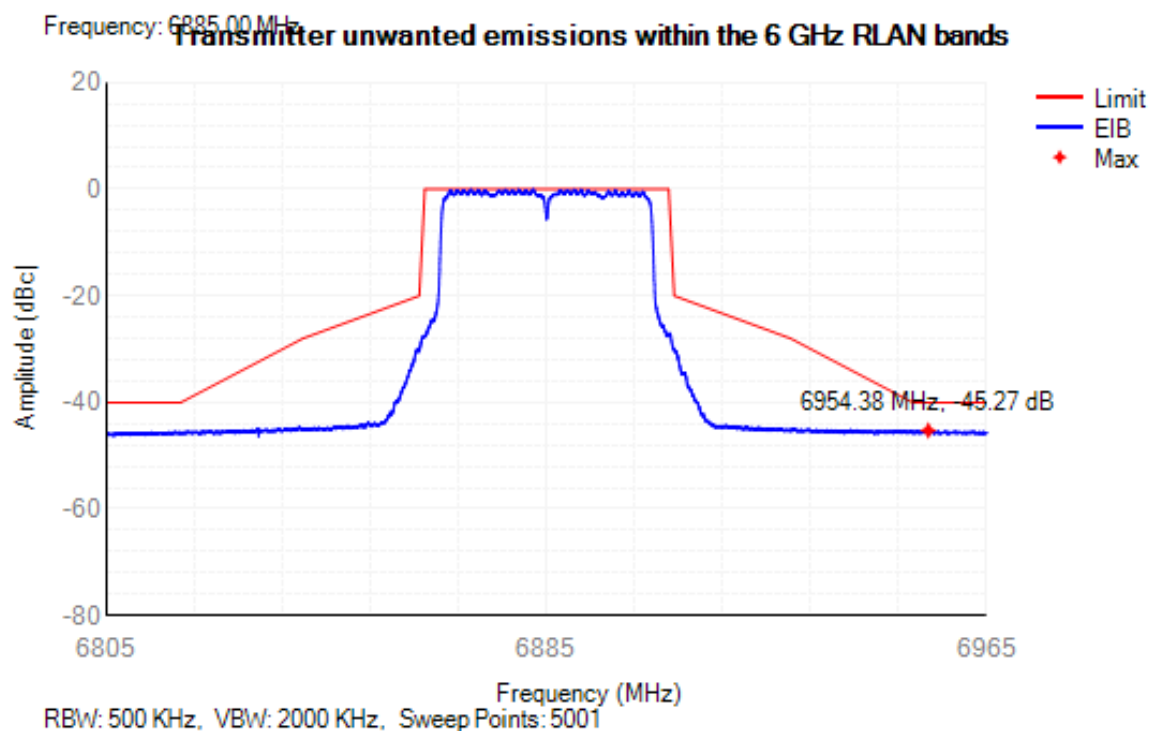
Power spectral mask NVNT ax20 6995MHz



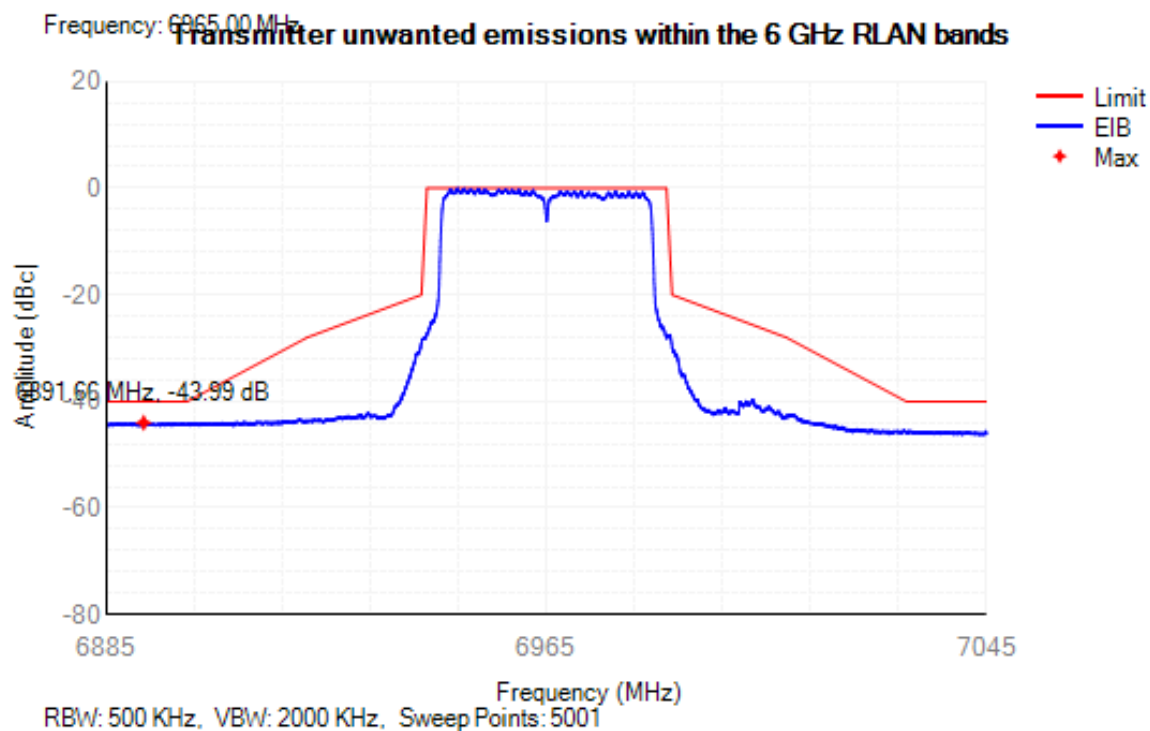
Power spectral mask NVNT ax20 7095MHz



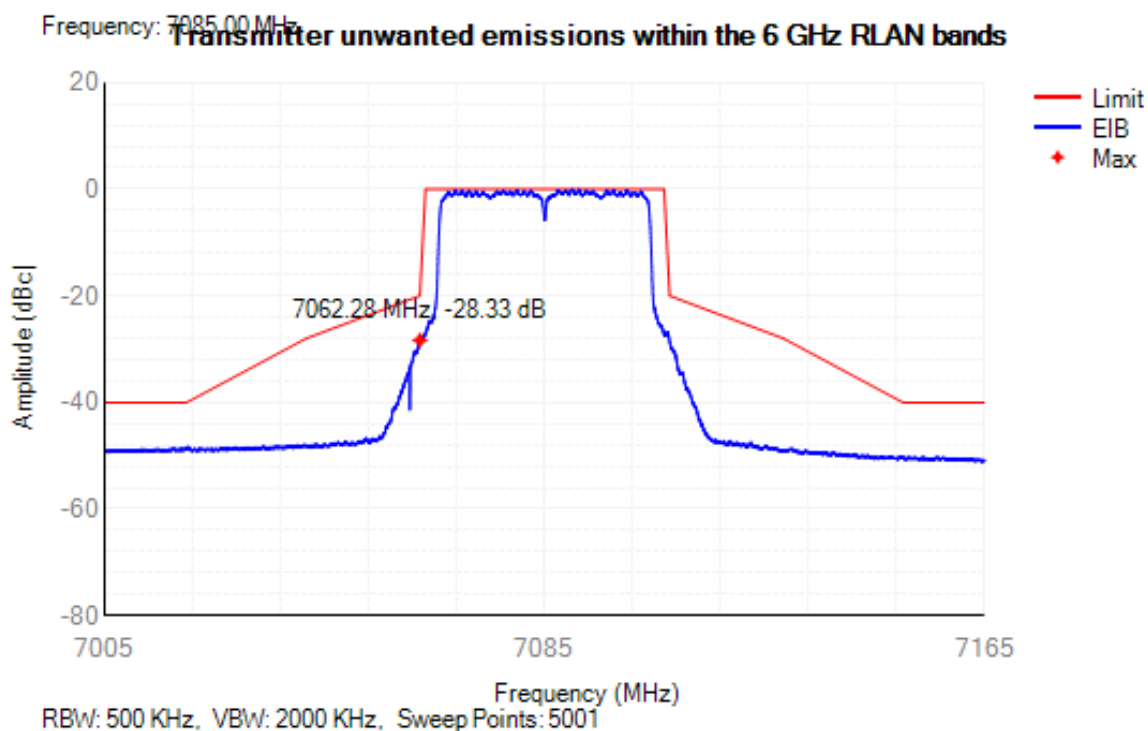
Power spectral mask NVNT ax40 6885MHz



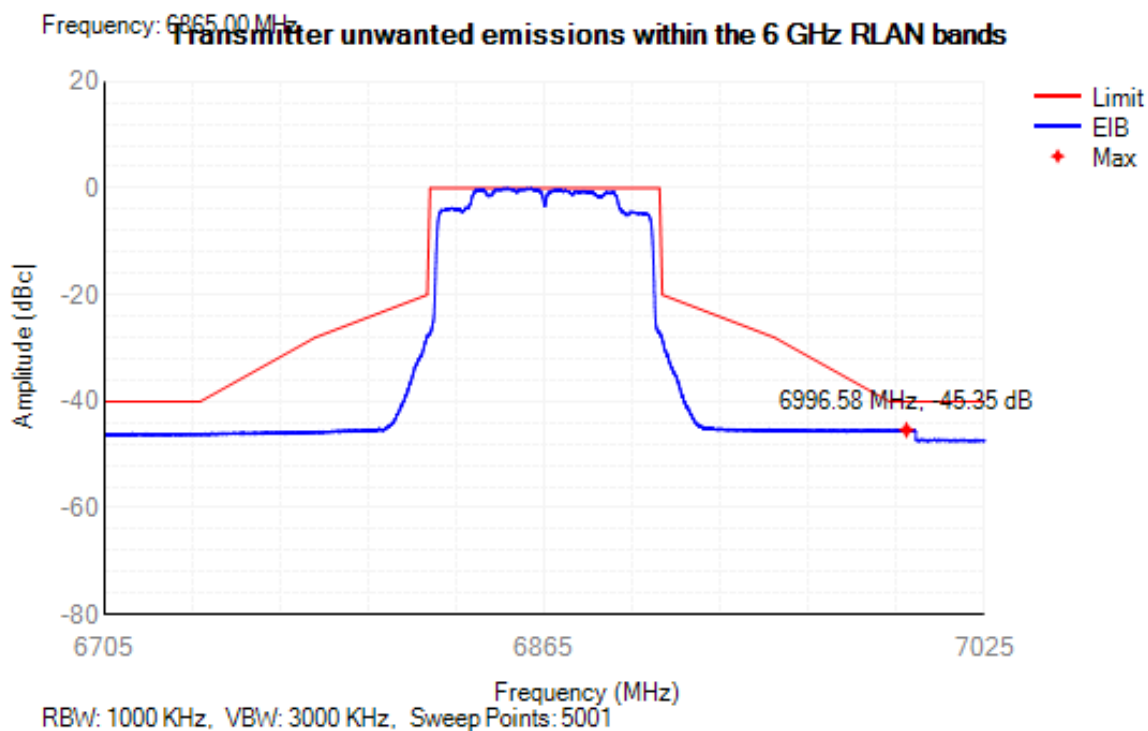
Power spectral mask NVNT ax40 6965MHz



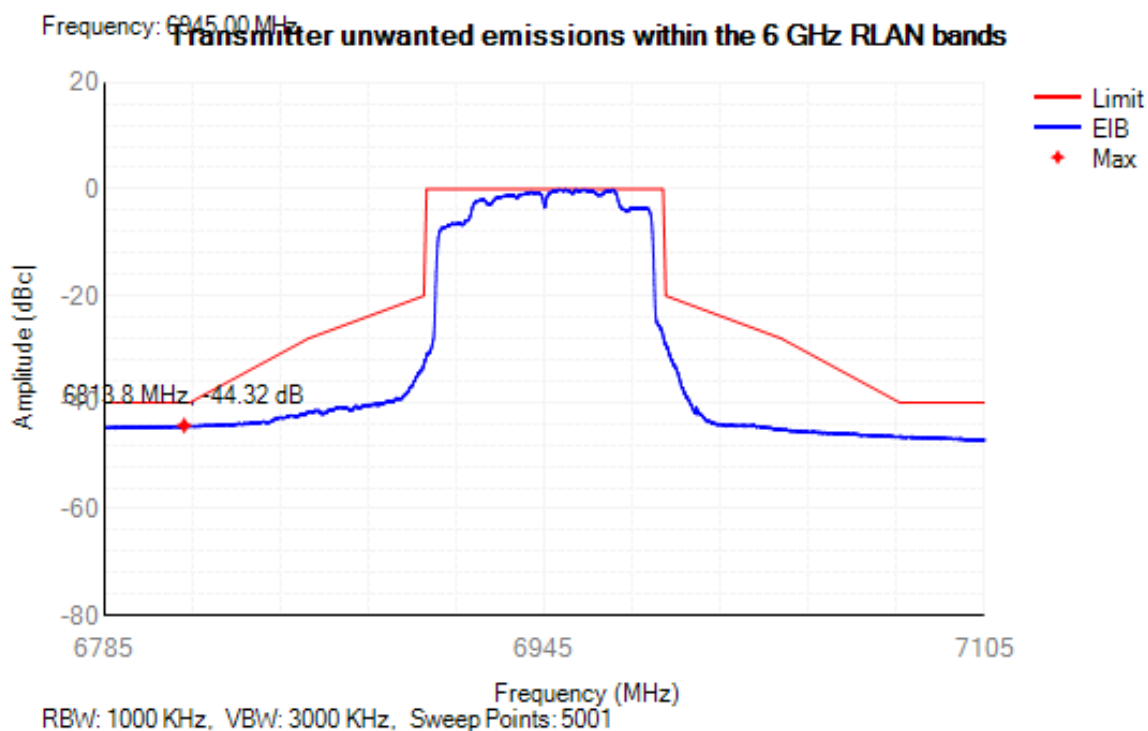
Power spectral mask NVNT ax40 7085MHz



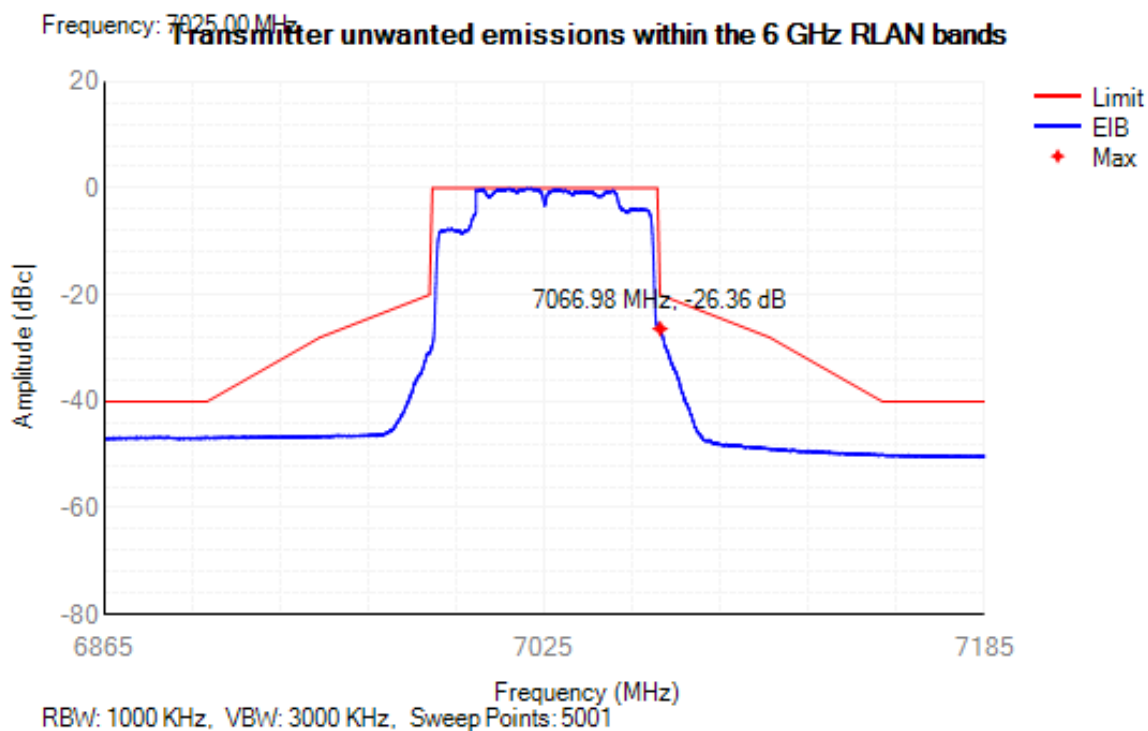
Power spectral mask NVNT ax80 6865MHz



Power spectral mask NVNT ax80 6945MHz



Power spectral mask NVNT ax80 7025MHz

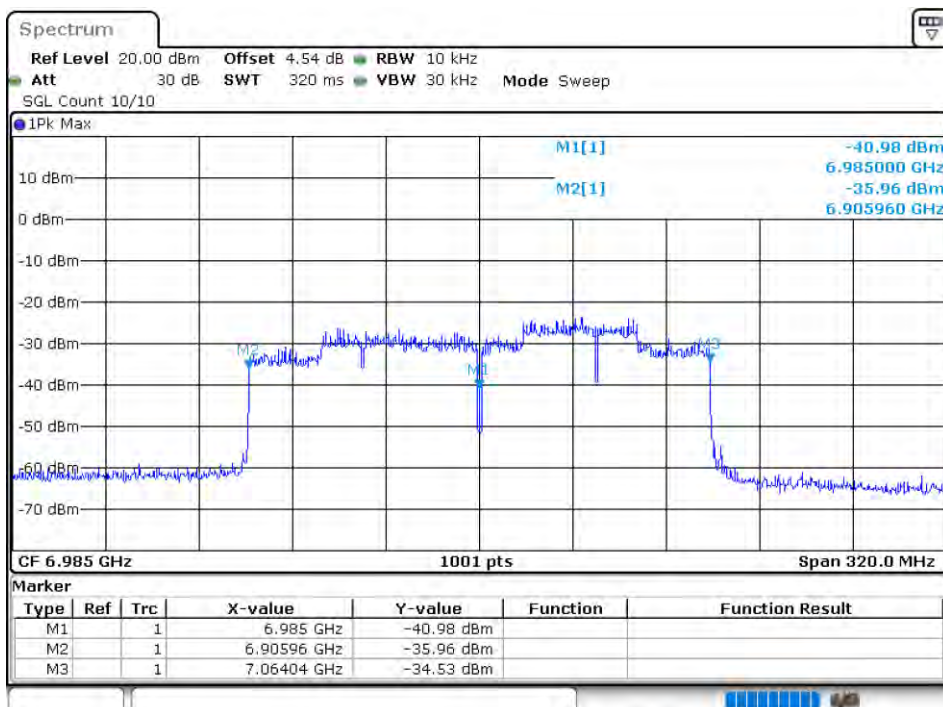


Frequency Stability

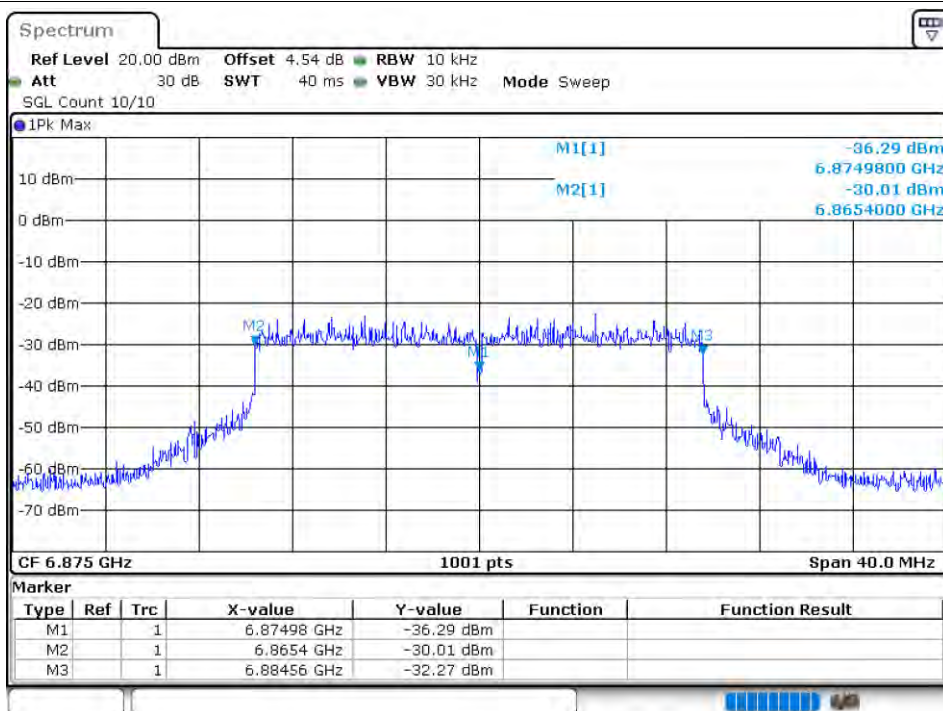
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6985	Ant1	6985	0	0	25	Pass
NVNT	ax20	0	6875	Ant1	6874.98	-20000	-2.91	25	Pass
NVNT	ax20	0	6995	Ant1	6994.98	-20000	-2.86	25	Pass
NVNT	ax20	0	7095	Ant1	7094.98	-20000	-2.82	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	ax80	0	6865	Ant1	6865	0	0	25	Pass
NVNT	ax80	0	6945	Ant1	6945	0	0	25	Pass
NVNT	ax80	0	7025	Ant1	7025	0	0	25	Pass

Test Graphs

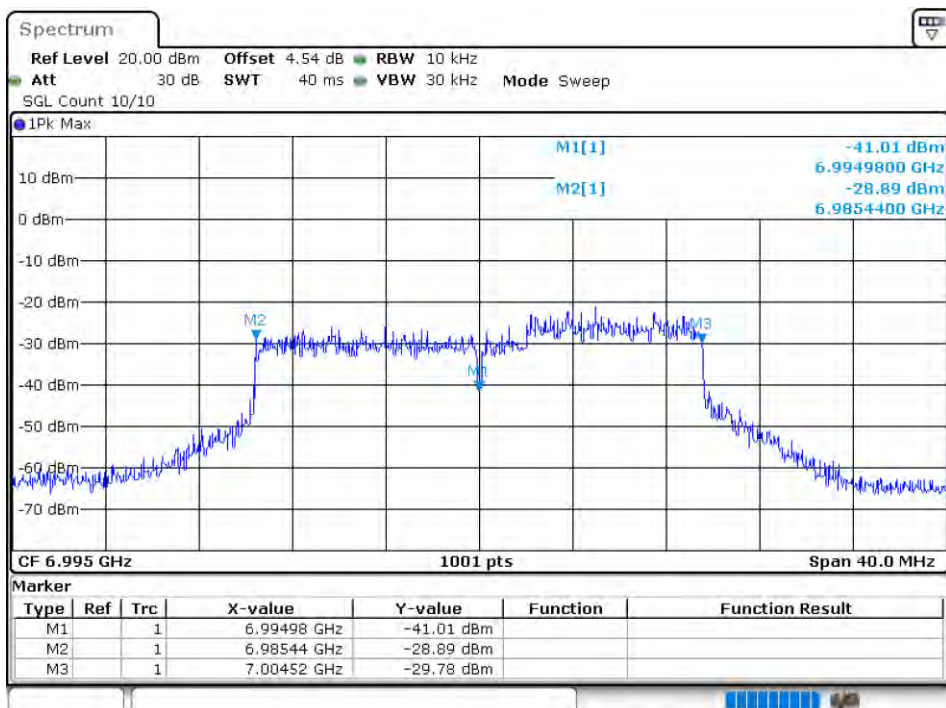
Freq. Stability NVNT ax160 6985MHz Ant1 0 Minutes



Freq. Stability NVNT ax20 6875MHz Ant1 0 Minutes



Freq. Stability NVNT ax20 6995MHz Ant1 0 Minutes



Freq. Stability NVNT ax20 7095MHz Ant1 0 Minutes

