

5.6G(FCC):

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	8.39	0.02	8.41	24	Pass
NVNT	ac20	5500	Ant2	6.37	0.02	6.39	24	Pass
NVNT	ac20	5500	Sum	10.51	0.02	10.53	24	Pass
NVNT	ac20	5600	Ant1	9.38	0.01	9.39	24	Pass
NVNT	ac20	5600	Ant2	6.78	0.01	6.79	24	Pass
NVNT	ac20	5600	Sum	11.28	0.01	11.29	24	Pass
NVNT	ac20	5700	Ant1	8.94	0.01	8.95	24	Pass
NVNT	ac20	5700	Ant2	5.97	0.01	5.98	24	Pass
NVNT	ac20	5700	Sum	10.71	0.01	10.72	24	Pass
NVNT	ac40	5510	Ant1	8.13	0.02	8.15	24	Pass
NVNT	ac40	5510	Ant2	6.36	0.02	6.38	24	Pass
NVNT	ac40	5510	Sum	10.34	0.02	10.36	24	Pass
NVNT	ac40	5590	Ant1	8.47	0.02	8.49	24	Pass
NVNT	ac40	5590	Ant2	6.24	0.02	6.26	24	Pass
NVNT	ac40	5590	Sum	10.51	0.02	10.53	24	Pass
NVNT	ac40	5670	Ant1	9.15	0.02	9.17	24	Pass
NVNT	ac40	5670	Ant2	6.36	0.02	6.38	24	Pass
NVNT	ac40	5670	Sum	10.99	0.02	11.01	24	Pass
NVNT	ac80	5530	Ant1	9.27	1.19	10.46	24	Pass
NVNT	ac80	5530	Ant2	7.28	1.19	8.47	24	Pass
NVNT	ac80	5530	Sum	11.4	1.19	12.59	24	Pass
NVNT	ac80	5610	Ant1	10.08	1.19	11.27	24	Pass
NVNT	ac80	5610	Ant2	6.74	1.19	7.93	24	Pass
NVNT	ac80	5610	Sum	11.73	1.19	12.92	24	Pass
NVNT	ax20	5500	Ant1	8.76	0.17	8.93	24	Pass
NVNT	ax20	5500	Ant2	6.71	0.17	6.88	24	Pass
NVNT	ax20	5500	Sum	10.87	0.17	11.04	24	Pass
NVNT	ax20	5600	Ant1	8.85	0.16	9.01	24	Pass
NVNT	ax20	5600	Ant2	6.16	0.16	6.32	24	Pass
NVNT	ax20	5600	Sum	10.72	0.16	10.88	24	Pass
NVNT	ax20	5700	Ant1	9.31	0.16	9.47	24	Pass

NVNT	ax20	5700	Ant2	6.09	0.16	6.25	24	Pass
NVNT	ax20	5700	Sum	11	0.16	11.16	24	Pass
NVNT	ax40	5510	Ant1	7.45	0.03	7.48	24	Pass
NVNT	ax40	5510	Ant2	5.84	0.03	5.87	24	Pass
NVNT	ax40	5510	Sum	9.73	0.03	9.76	24	Pass
NVNT	ax40	5590	Ant1	9	1.17	10.17	24	Pass
NVNT	ax40	5590	Ant2	6.46	1.17	7.63	24	Pass
NVNT	ax40	5590	Sum	10.92	1.17	12.09	24	Pass
NVNT	ax40	5670	Ant1	9.21	1.17	10.38	24	Pass
NVNT	ax40	5670	Ant2	4.72	1.17	5.89	24	Pass
NVNT	ax40	5670	Sum	10.53	1.17	11.7	24	Pass
NVNT	ax80	5530	Ant1	9.52	0.17	9.69	24	Pass
NVNT	ax80	5530	Ant2	7.51	0.17	7.68	24	Pass
NVNT	ax80	5530	Sum	11.64	0.17	11.81	24	Pass
NVNT	ax80	5610	Ant1	9.4	1.16	10.56	24	Pass
NVNT	ax80	5610	Ant2	6.3	1.16	7.46	24	Pass
NVNT	ax80	5610	Sum	11.13	1.16	12.29	24	Pass
NVNT	n20	5500	Ant1	9.44	0.01	9.45	24	Pass
NVNT	n20	5500	Ant2	7.3	0.01	7.31	24	Pass
NVNT	n20	5500	Sum	11.51	0.01	11.52	24	Pass
NVNT	n20	5600	Ant1	10.53	0.01	10.54	24	Pass
NVNT	n20	5600	Ant2	7.79	0.01	7.8	24	Pass
NVNT	n20	5600	Sum	12.38	0.01	12.39	24	Pass
NVNT	n20	5700	Ant1	10.31	0.01	10.32	24	Pass
NVNT	n20	5700	Ant2	7.05	0.01	7.06	24	Pass
NVNT	n20	5700	Sum	11.99	0.01	12	24	Pass
NVNT	n40	5510	Ant1	8.09	0.01	8.1	24	Pass
NVNT	n40	5510	Ant2	4.55	0.01	4.56	24	Pass
NVNT	n40	5510	Sum	9.68	0.01	9.69	24	Pass
NVNT	n40	5590	Ant1	10.18	1.18	11.36	24	Pass
NVNT	n40	5590	Ant2	5.79	1.18	6.97	24	Pass
NVNT	n40	5590	Sum	11.53	1.18	12.71	24	Pass
NVNT	n40	5670	Ant1	9.98	1.17	11.15	24	Pass
NVNT	n40	5670	Ant2	7.21	1.17	8.38	24	Pass
NVNT	n40	5670	Sum	11.82	1.17	12.99	24	Pass

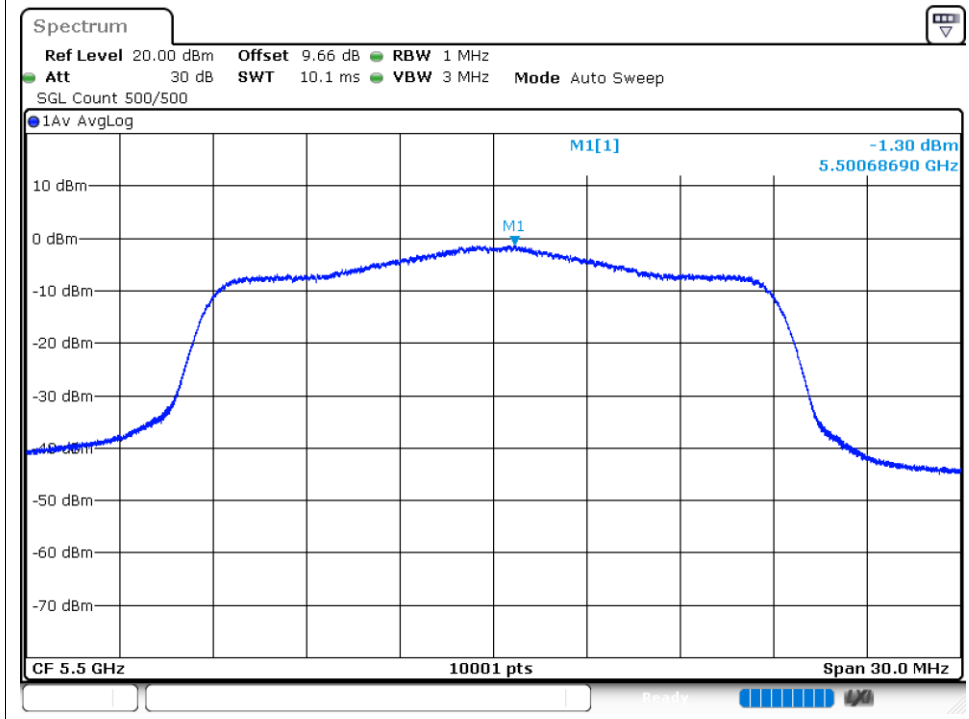
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5500	Ant1	-1.3	0.02	-1.28	11	Pass
NVNT	ac20	5500	Ant2	-3.95	0.02	-3.93	11	Pass
NVNT	ac20	5500	Sum	0.58	0.02	0.6	11	Pass
NVNT	ac20	5600	Ant1	-10.18	0.01	-10.17	11	Pass
NVNT	ac20	5600	Ant2	-2.68	0.01	-2.67	11	Pass
NVNT	ac20	5600	Sum	-1.97	0.01	-1.96	11	Pass
NVNT	ac20	5700	Ant1	-1.21	0.01	-1.2	11	Pass
NVNT	ac20	5700	Ant2	-3.68	0.01	-3.67	11	Pass
NVNT	ac20	5700	Sum	0.74	0.01	0.75	11	Pass
NVNT	ac40	5510	Ant1	-7.13	0.02	-7.11	11	Pass
NVNT	ac40	5510	Ant2	-9.1	0.02	-9.08	11	Pass
NVNT	ac40	5510	Sum	-4.99	0.02	-4.97	11	Pass
NVNT	ac40	5590	Ant1	-8.03	0.02	-8.01	11	Pass
NVNT	ac40	5590	Ant2	-10.34	0.02	-10.32	11	Pass
NVNT	ac40	5590	Sum	-6.02	0.02	-6	11	Pass
NVNT	ac40	5670	Ant1	-13.15	0.02	-13.13	11	Pass
NVNT	ac40	5670	Ant2	-12.44	0.02	-12.42	11	Pass
NVNT	ac40	5670	Sum	-9.77	0.02	-9.75	11	Pass
NVNT	ac80	5530	Ant1	-6.73	1.19	-5.54	11	Pass
NVNT	ac80	5530	Ant2	-7.13	1.19	-5.94	11	Pass
NVNT	ac80	5530	Sum	-3.92	1.19	-2.73	11	Pass
NVNT	ac80	5610	Ant1	-10.39	1.19	-9.2	11	Pass
NVNT	ac80	5610	Ant2	-13.43	1.19	-12.24	11	Pass
NVNT	ac80	5610	Sum	-8.64	1.19	-7.45	11	Pass
NVNT	ax20	5500	Ant1	-7.42	0.17	-7.25	11	Pass
NVNT	ax20	5500	Ant2	-10.21	0.17	-10.04	11	Pass
NVNT	ax20	5500	Sum	-5.58	0.17	-5.41	11	Pass
NVNT	ax20	5600	Ant1	-7.22	0.16	-7.06	11	Pass
NVNT	ax20	5600	Ant2	-10.47	0.16	-10.31	11	Pass
NVNT	ax20	5600	Sum	-5.54	0.16	-5.38	11	Pass
NVNT	ax20	5700	Ant1	-5.65	0.16	-5.49	11	Pass
NVNT	ax20	5700	Ant2	-9.26	0.16	-9.1	11	Pass
NVNT	ax20	5700	Sum	-4.08	0.16	-3.92	11	Pass
NVNT	ax40	5510	Ant1	-10.66	0.03	-10.63	11	Pass
NVNT	ax40	5510	Ant2	-13.06	0.03	-13.03	11	Pass
NVNT	ax40	5510	Sum	-8.69	0.03	-8.66	11	Pass

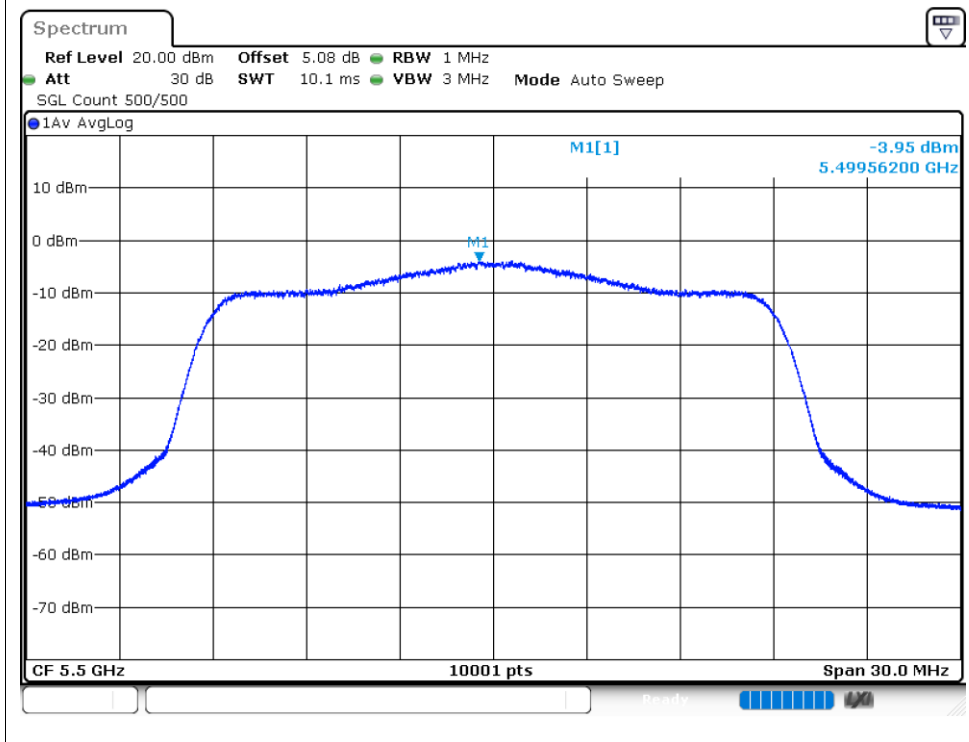
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NVNT	ax40	5590	Ant2	-17.64	1.17	-16.47	11	Pass
NVNT	ax40	5590	Sum	-11.93	1.17	-10.76	11	Pass
NVNT	ax40	5670	Ant1	-11.2	1.17	-10.03	11	Pass
NVNT	ax40	5670	Ant2	-16.08	1.17	-14.91	11	Pass
NVNT	ax40	5670	Sum	-9.98	1.17	-8.81	11	Pass
NVNT	ax80	5530	Ant1	-10.82	0.17	-10.65	11	Pass
NVNT	ax80	5530	Ant2	-11.75	0.17	-11.58	11	Pass
NVNT	ax80	5530	Sum	-8.25	0.17	-8.08	11	Pass
NVNT	ax80	5610	Ant1	-14.85	1.16	-13.69	11	Pass
NVNT	ax80	5610	Ant2	-12.97	1.16	-11.81	11	Pass
NVNT	ax80	5610	Sum	-10.8	1.16	-9.64	11	Pass
NVNT	n20	5500	Ant1	0.09	0.01	0.1	11	Pass
NVNT	n20	5500	Ant2	-2.28	0.01	-2.27	11	Pass
NVNT	n20	5500	Sum	2.08	0.01	2.09	11	Pass
NVNT	n20	5600	Ant1	-4.77	0.01	-4.76	11	Pass
NVNT	n20	5600	Ant2	-1.68	0.01	-1.67	11	Pass
NVNT	n20	5600	Sum	0.05	0.01	0.06	11	Pass
NVNT	n20	5700	Ant1	-5.91	0.01	-5.9	11	Pass
NVNT	n20	5700	Ant2	-9.73	0.01	-9.72	11	Pass
NVNT	n20	5700	Sum	-4.4	0.01	-4.39	11	Pass
NVNT	n40	5510	Ant1	-3.76	0.01	-3.75	11	Pass
NVNT	n40	5510	Ant2	-8.76	0.01	-8.75	11	Pass
NVNT	n40	5510	Sum	-2.57	0.01	-2.56	11	Pass
NVNT	n40	5590	Ant1	-7.53	1.18	-6.35	11	Pass
NVNT	n40	5590	Ant2	-13.83	1.18	-12.65	11	Pass
NVNT	n40	5590	Sum	-6.62	1.18	-5.44	11	Pass
NVNT	n40	5670	Ant1	-9.06	1.17	-7.89	11	Pass
NVNT	n40	5670	Ant2	-14.46	1.17	-13.29	11	Pass
NVNT	n40	5670	Sum	-7.96	1.17	-6.79	11	Pass

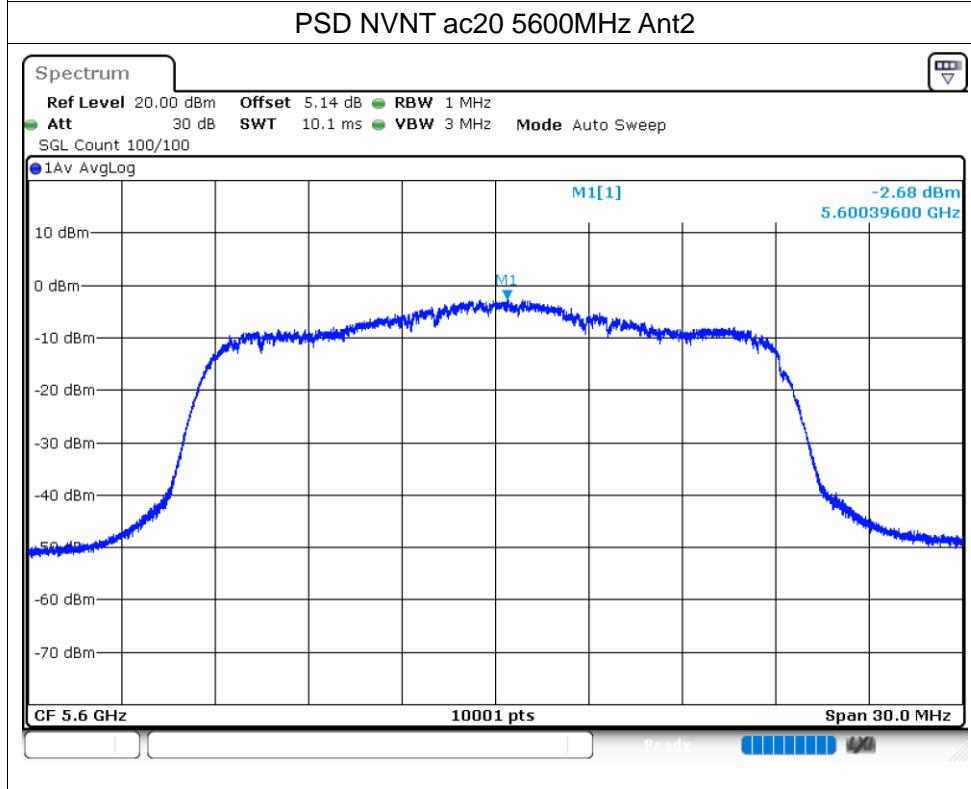
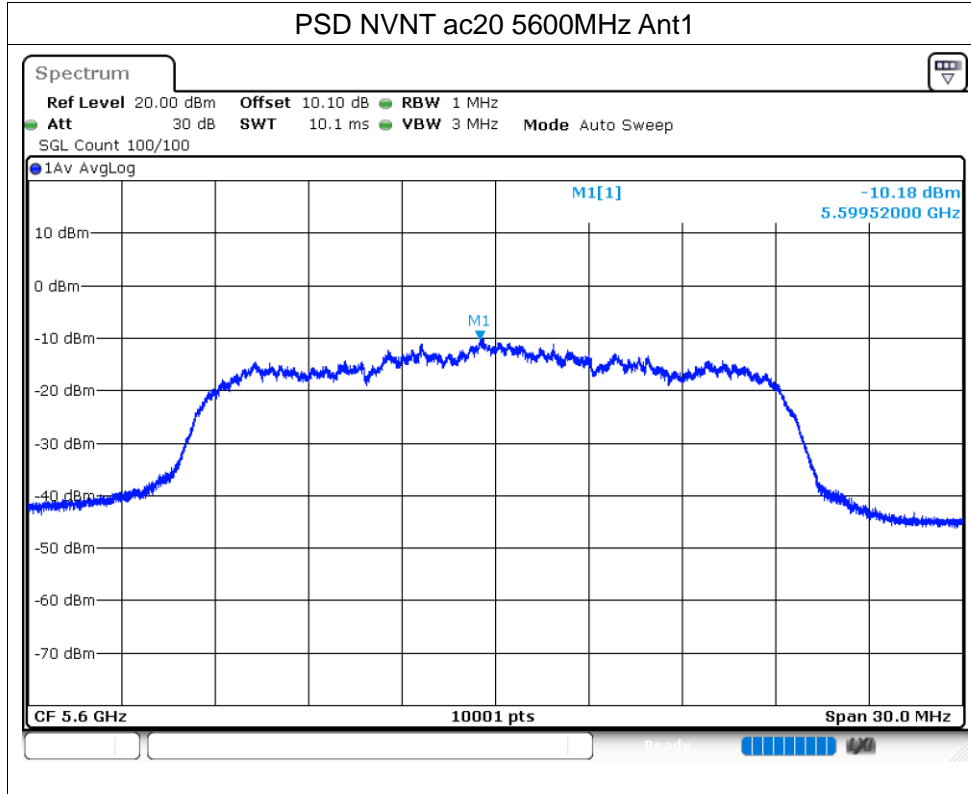
Test Graphs

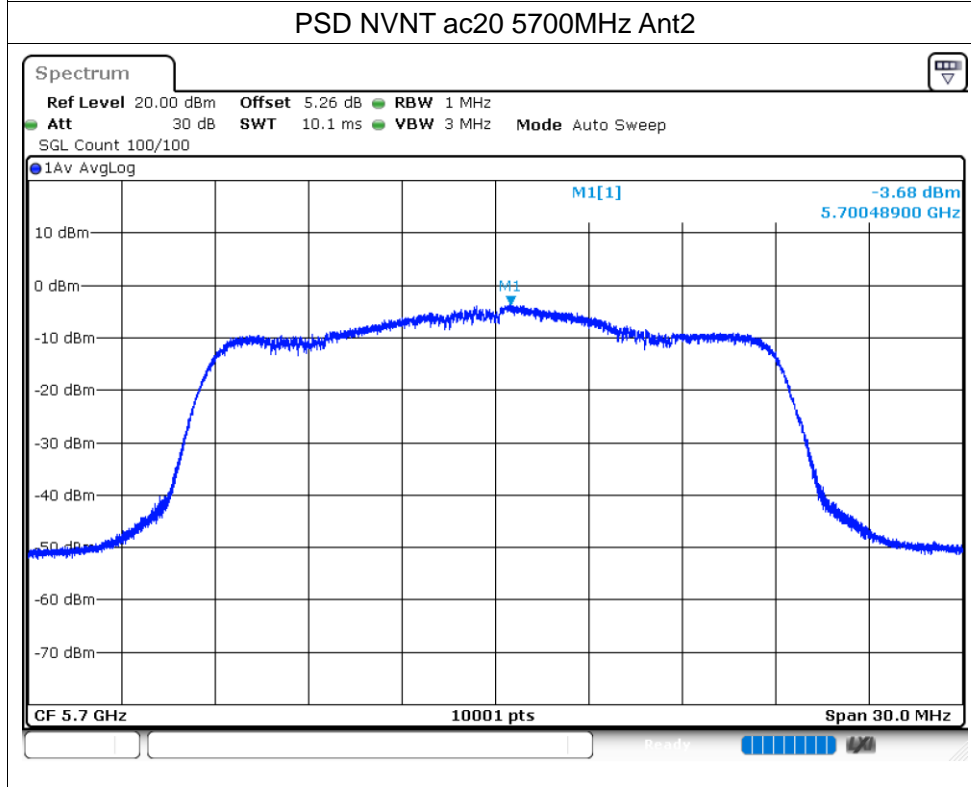
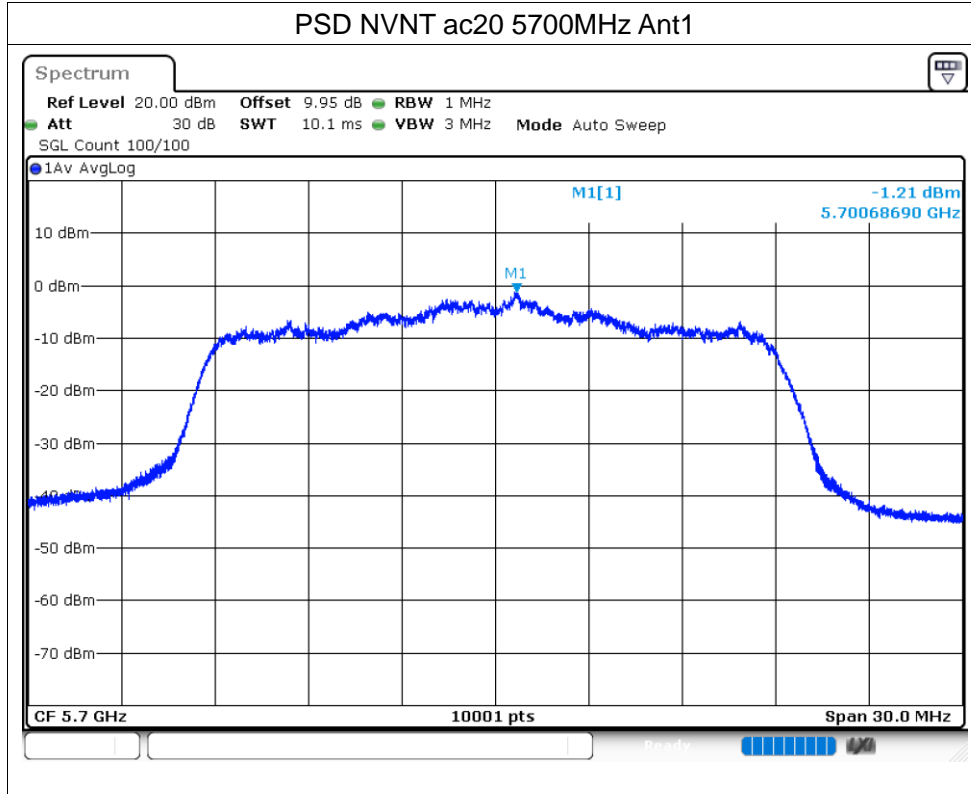
PSD NVNT ac20 5500MHz Ant1

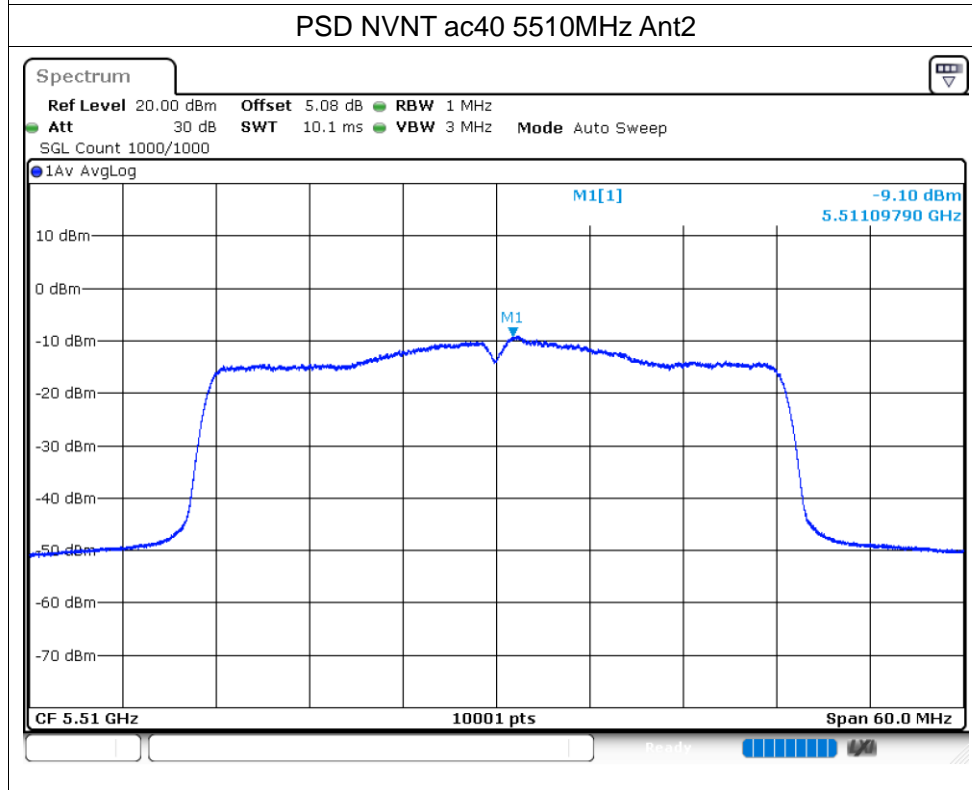
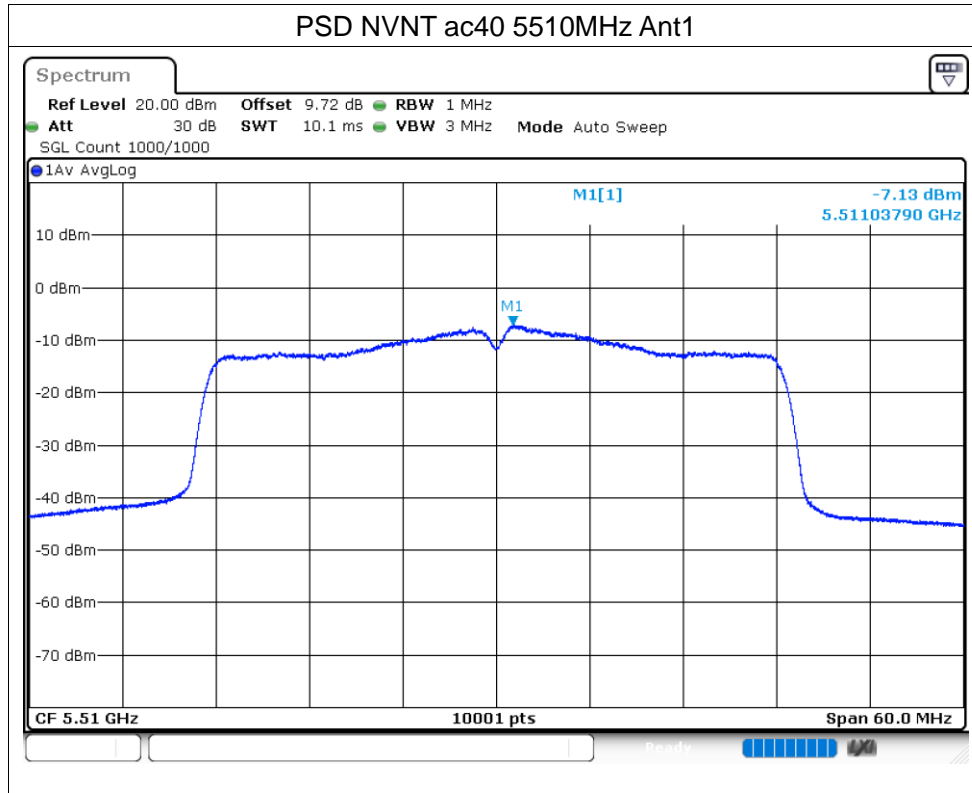


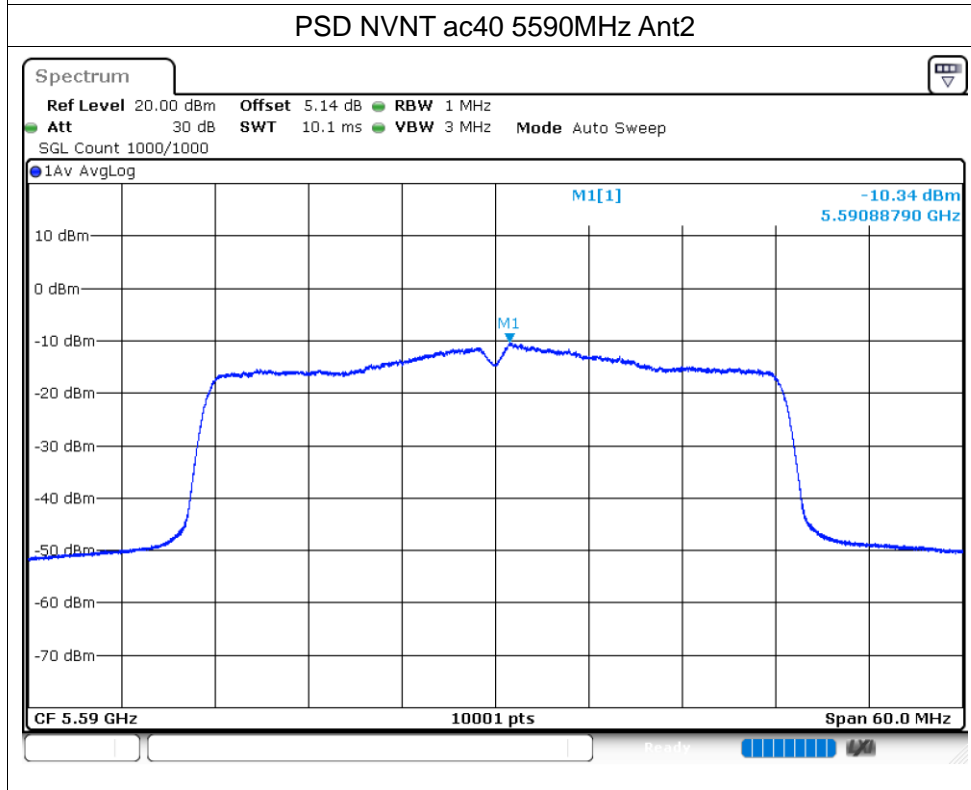
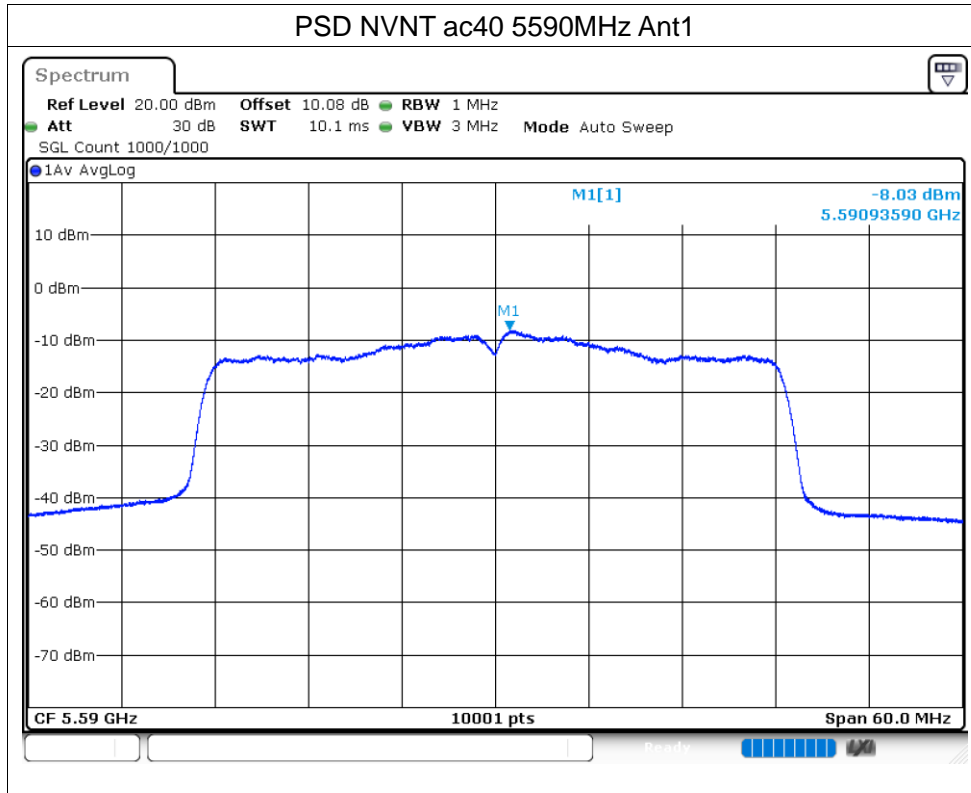
PSD NVNT ac20 5500MHz Ant2

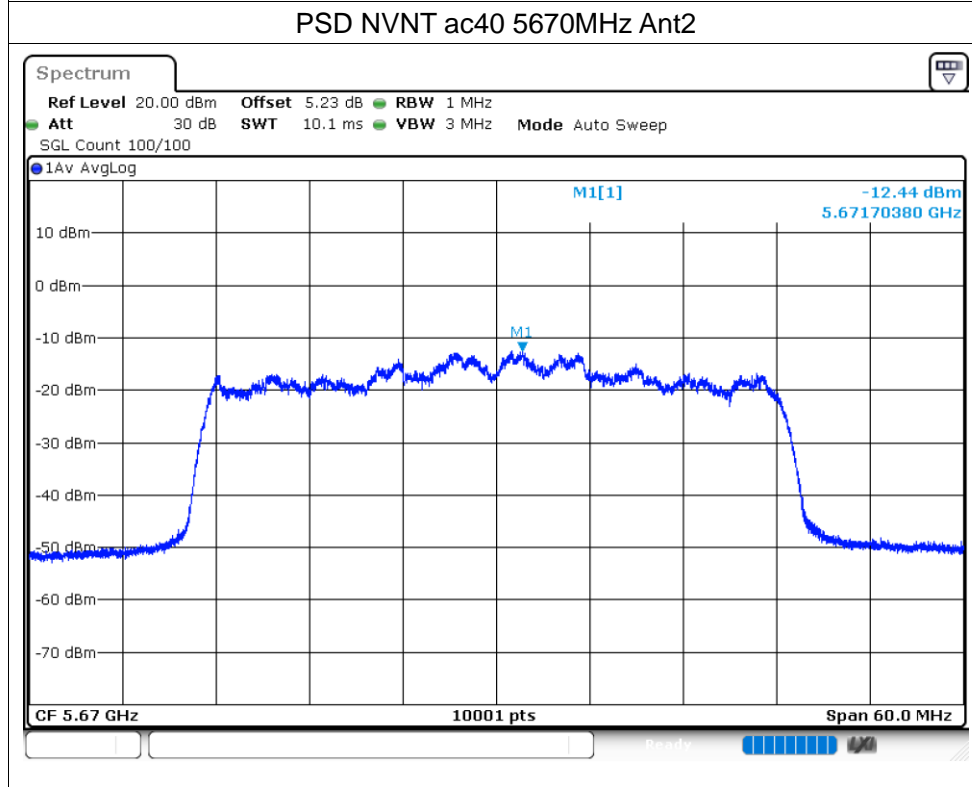
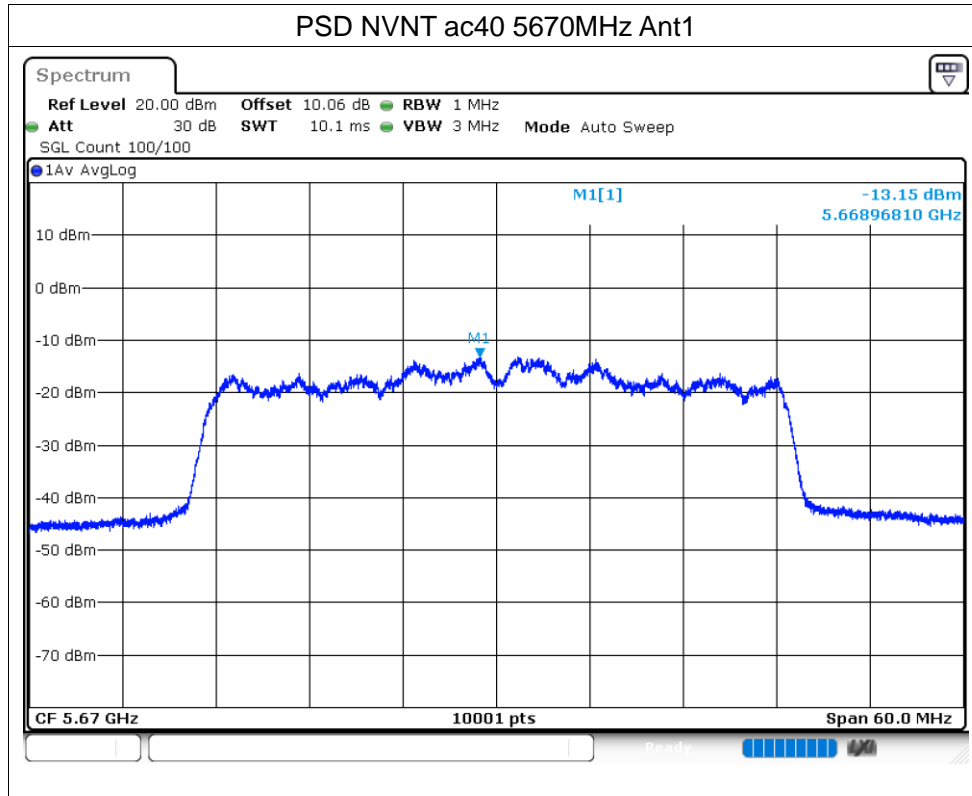


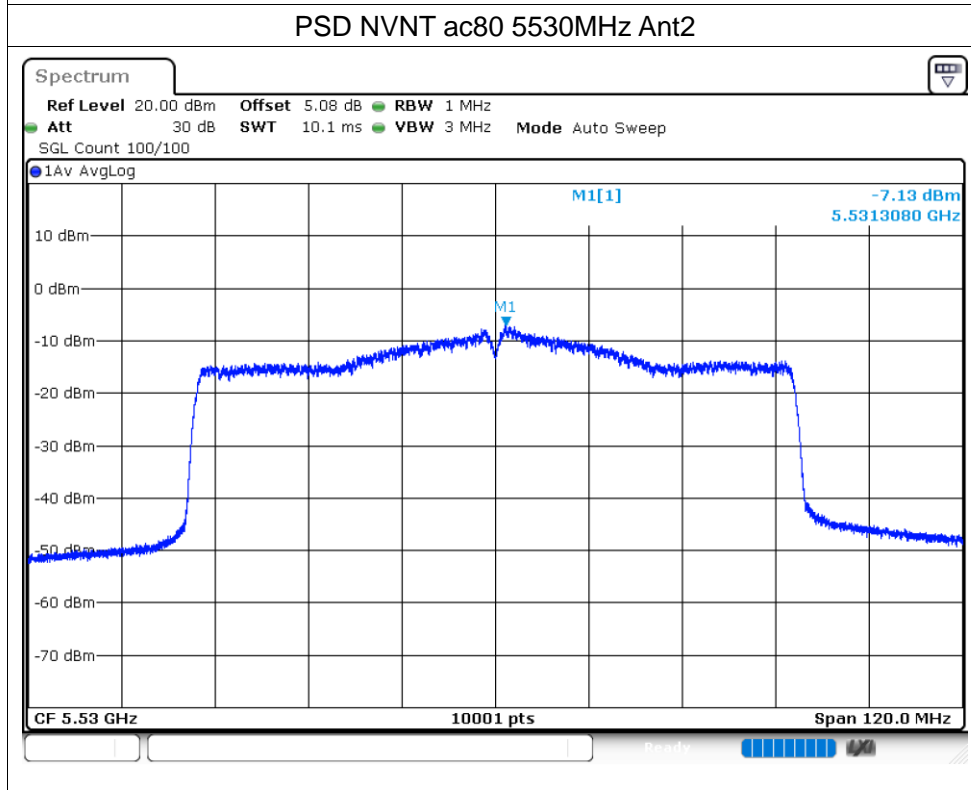
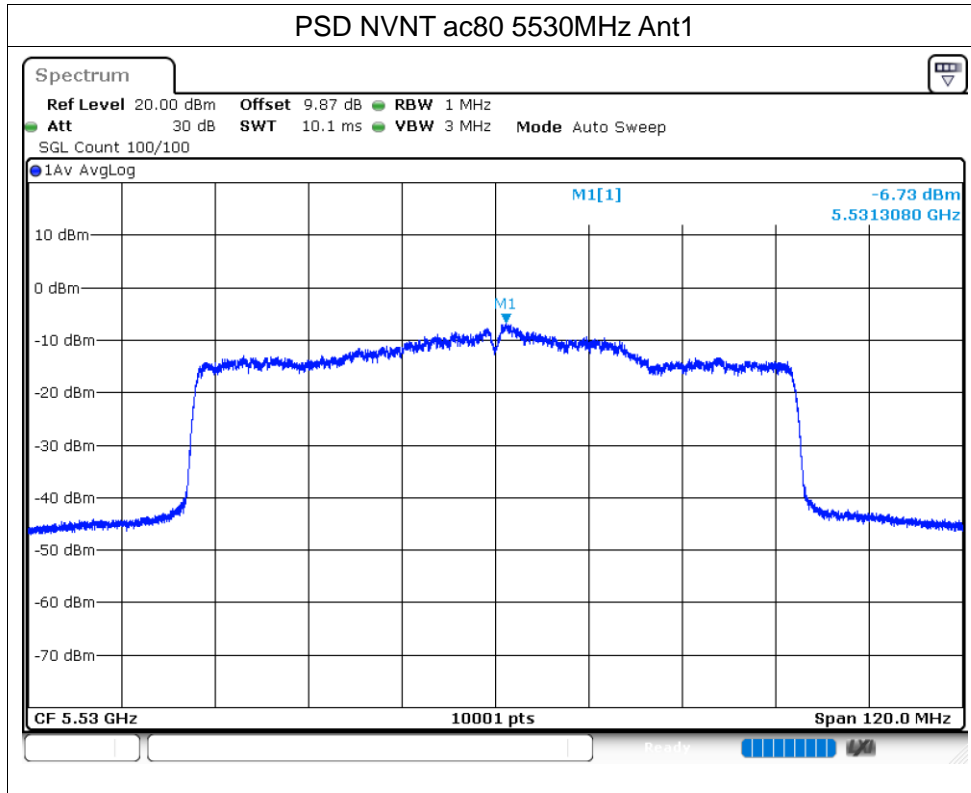


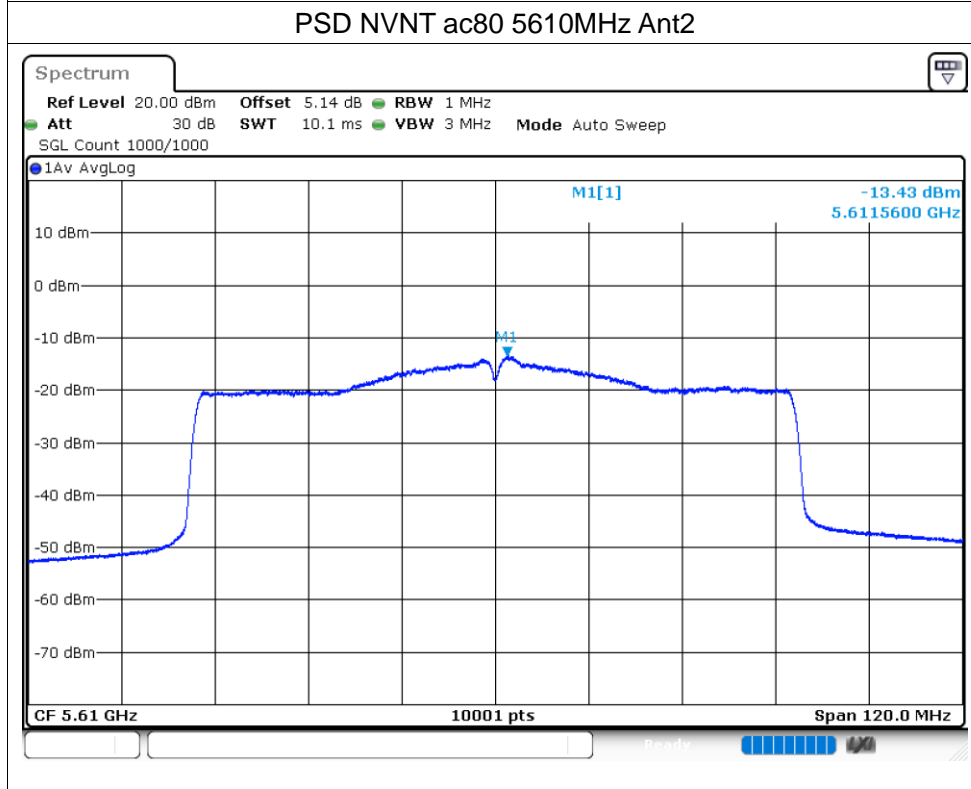
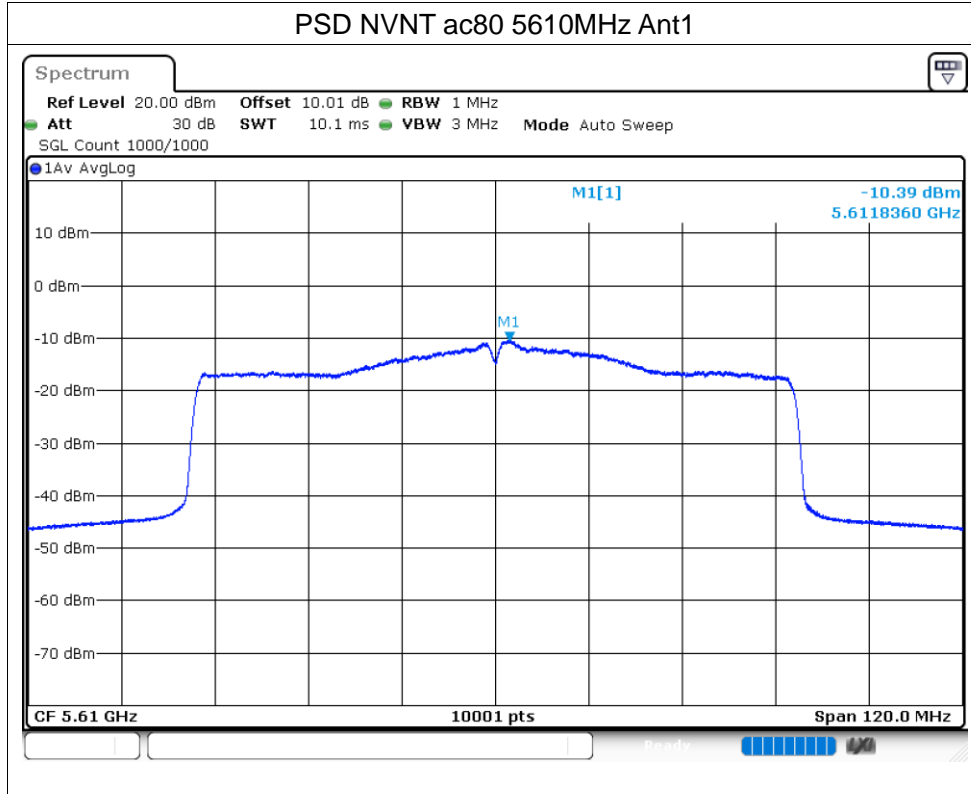


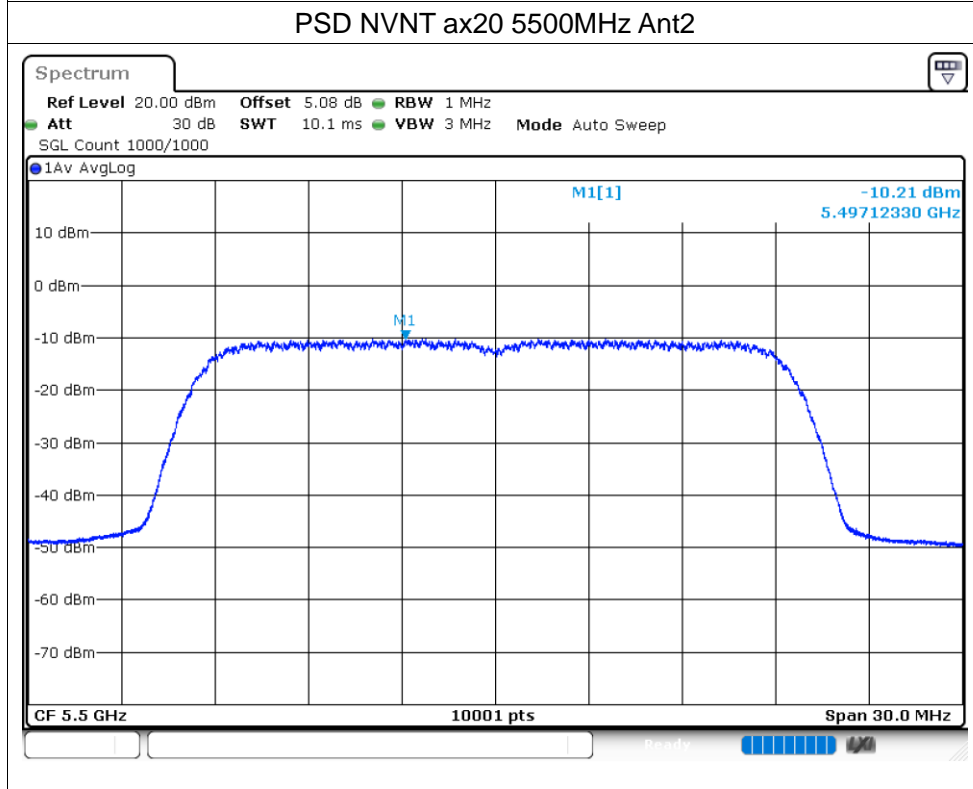
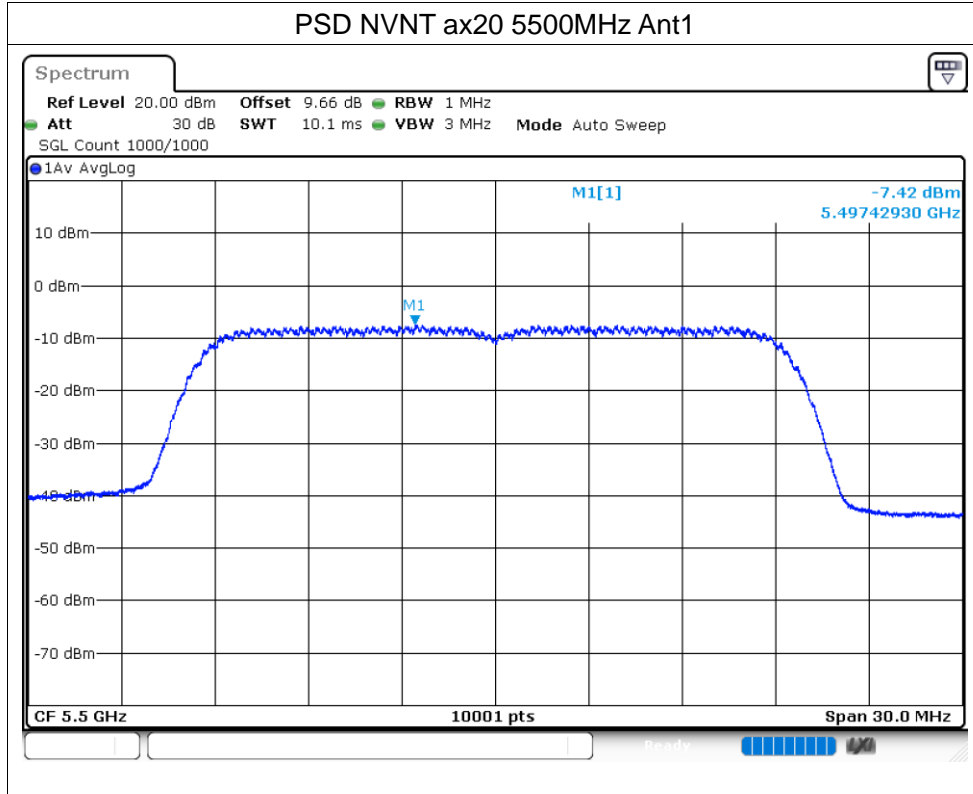


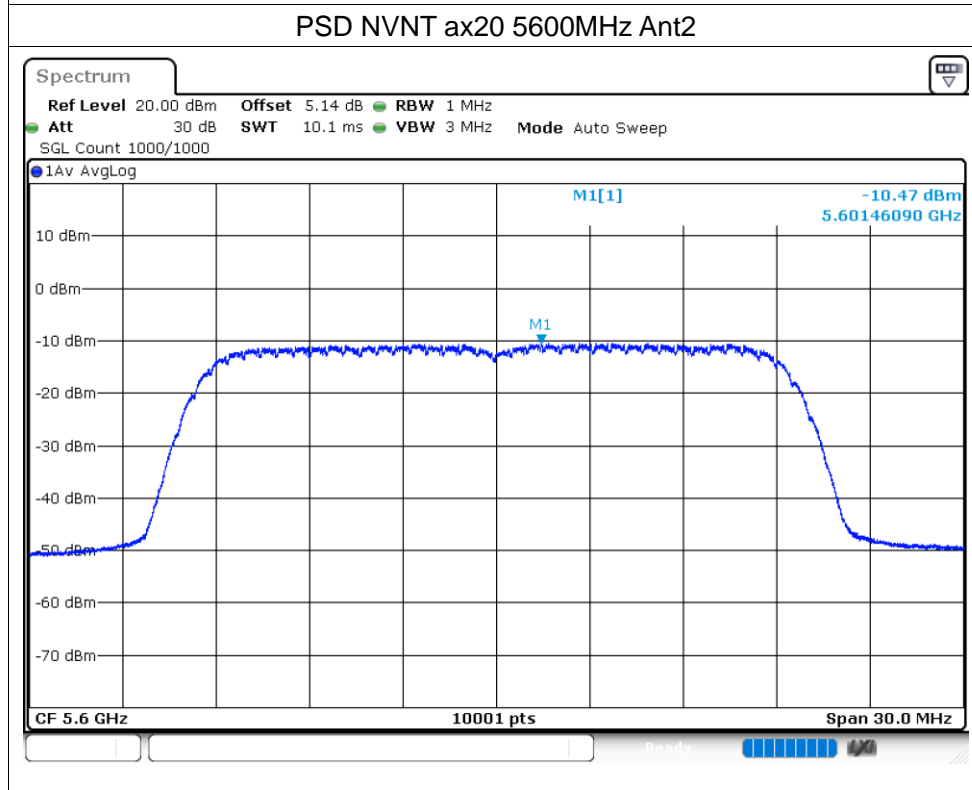
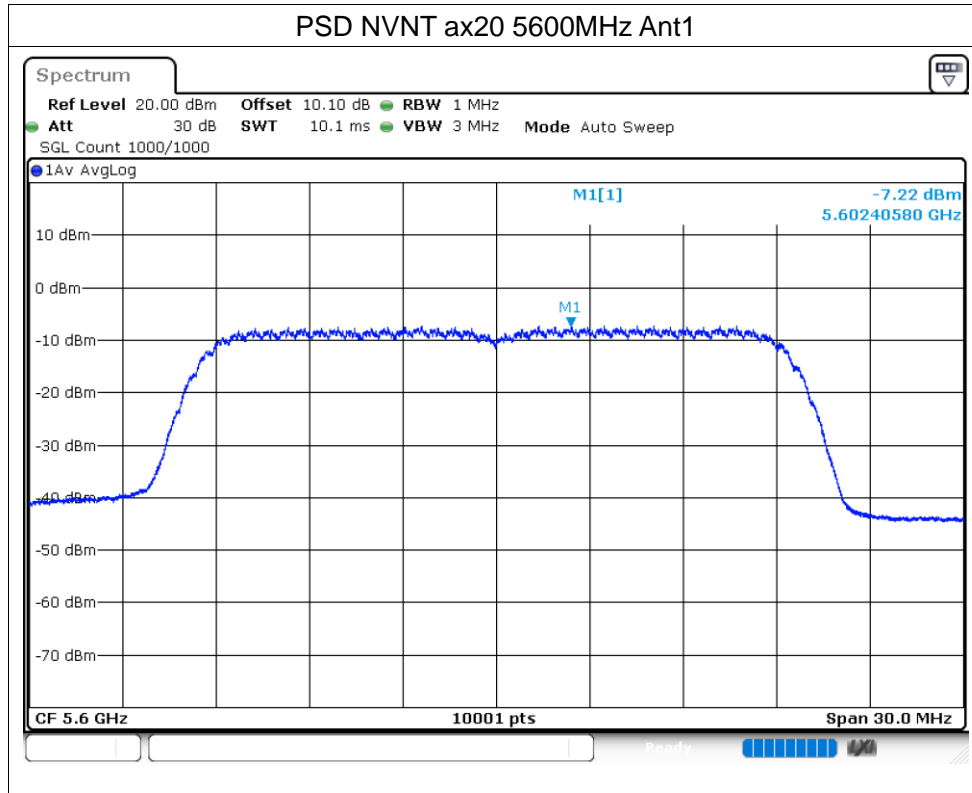


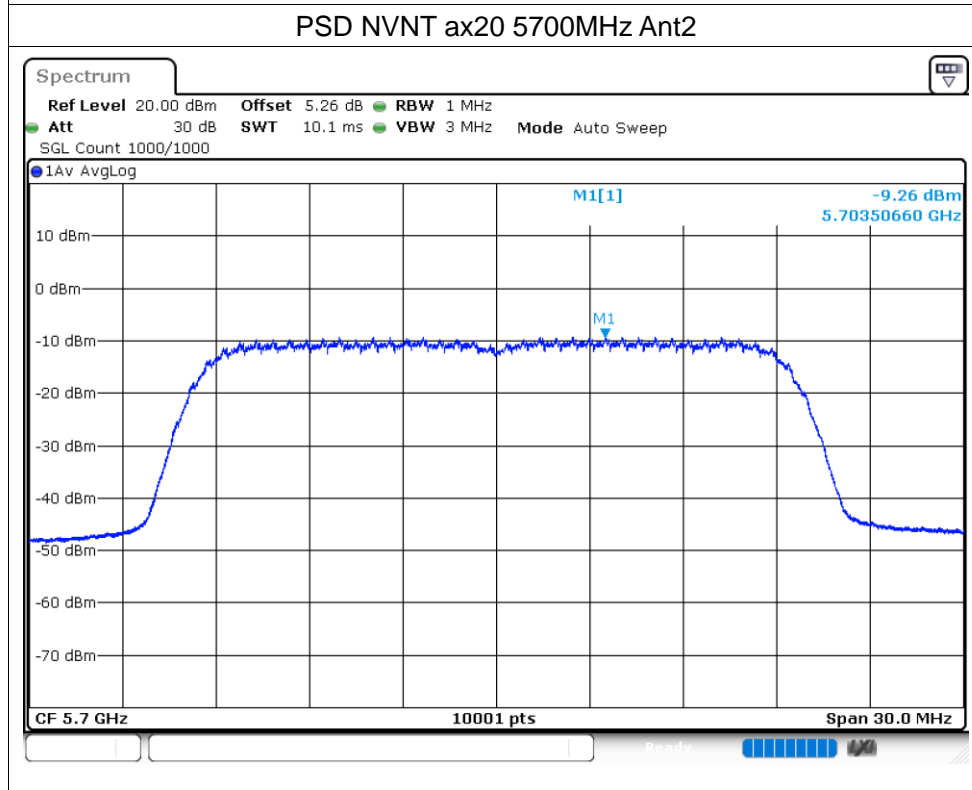
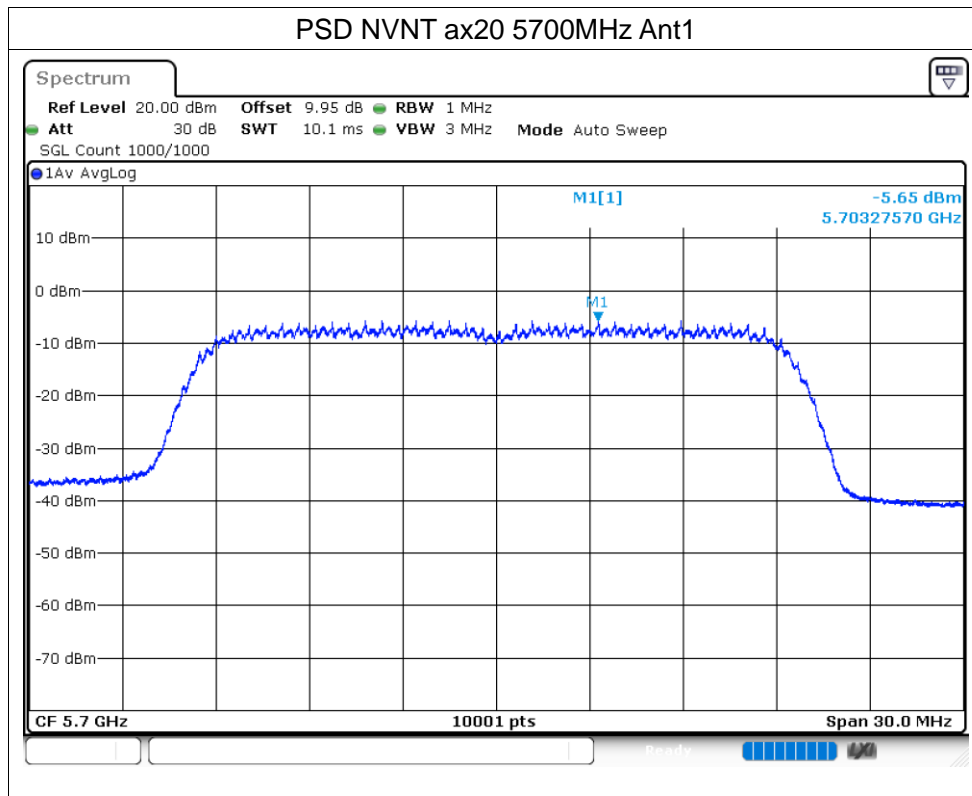


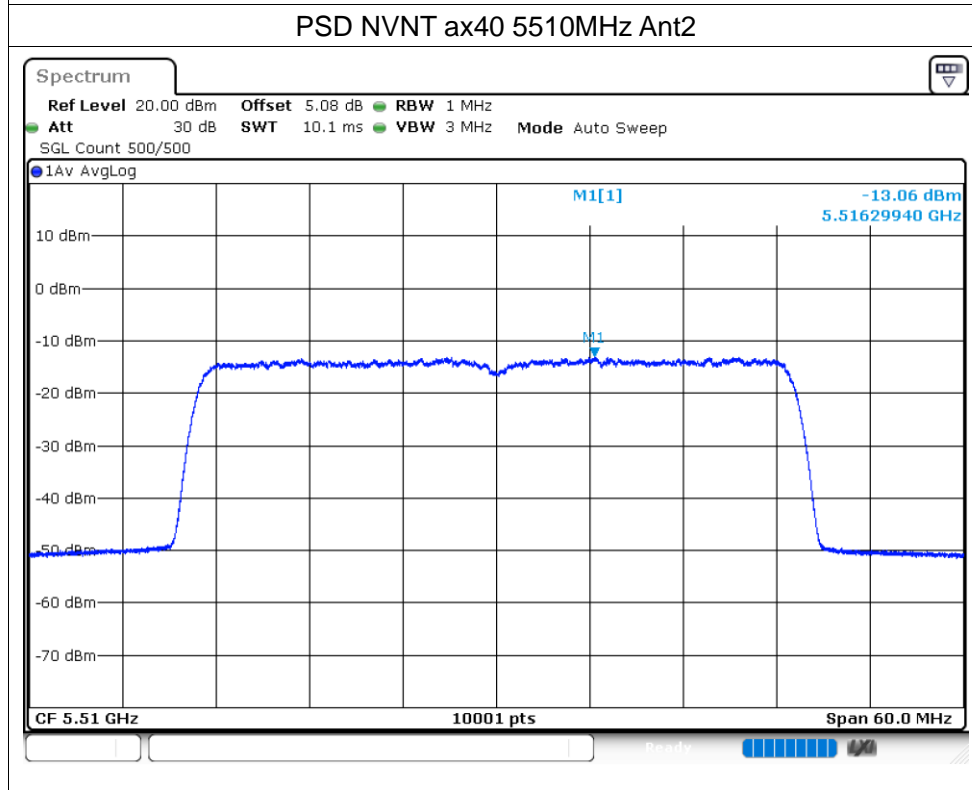
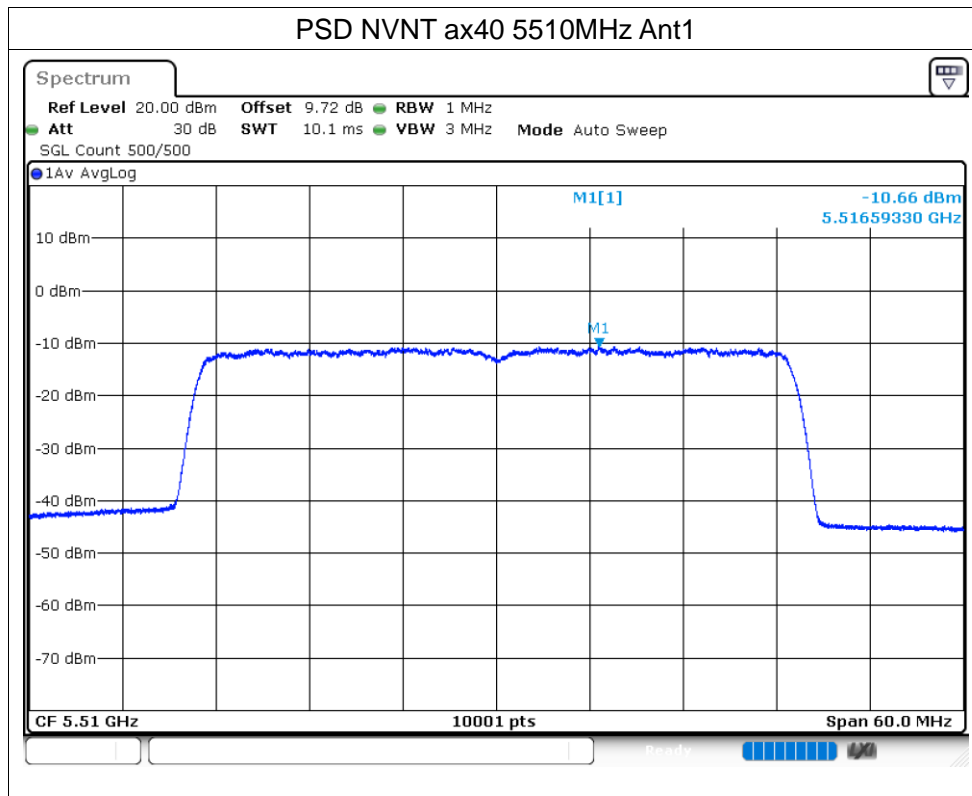


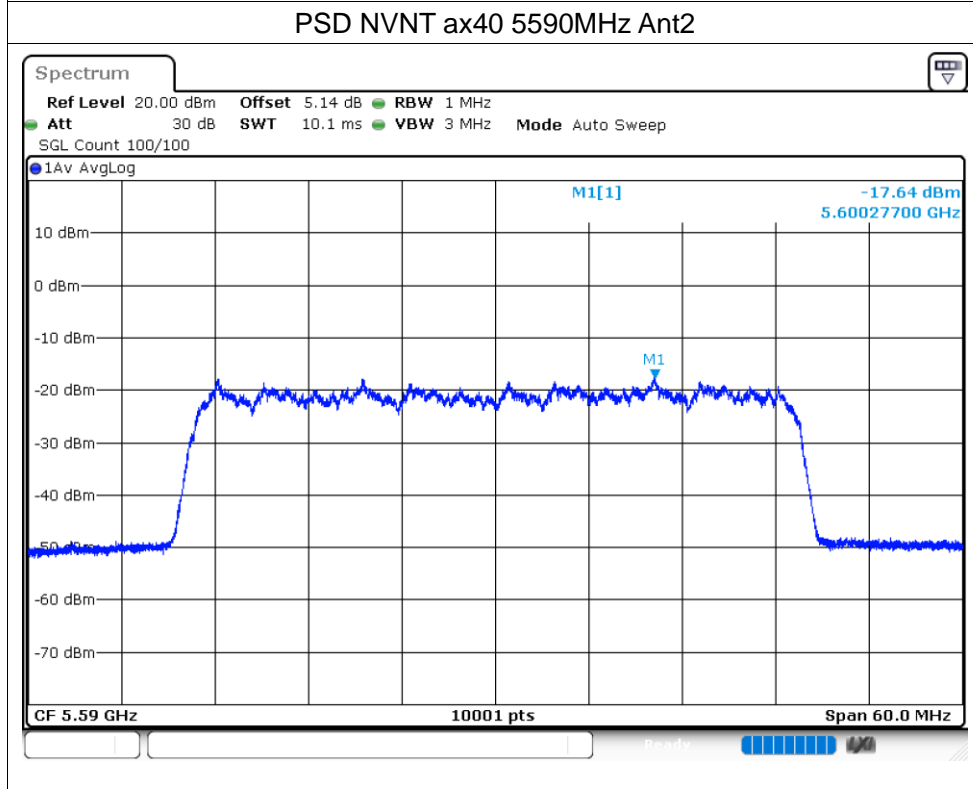
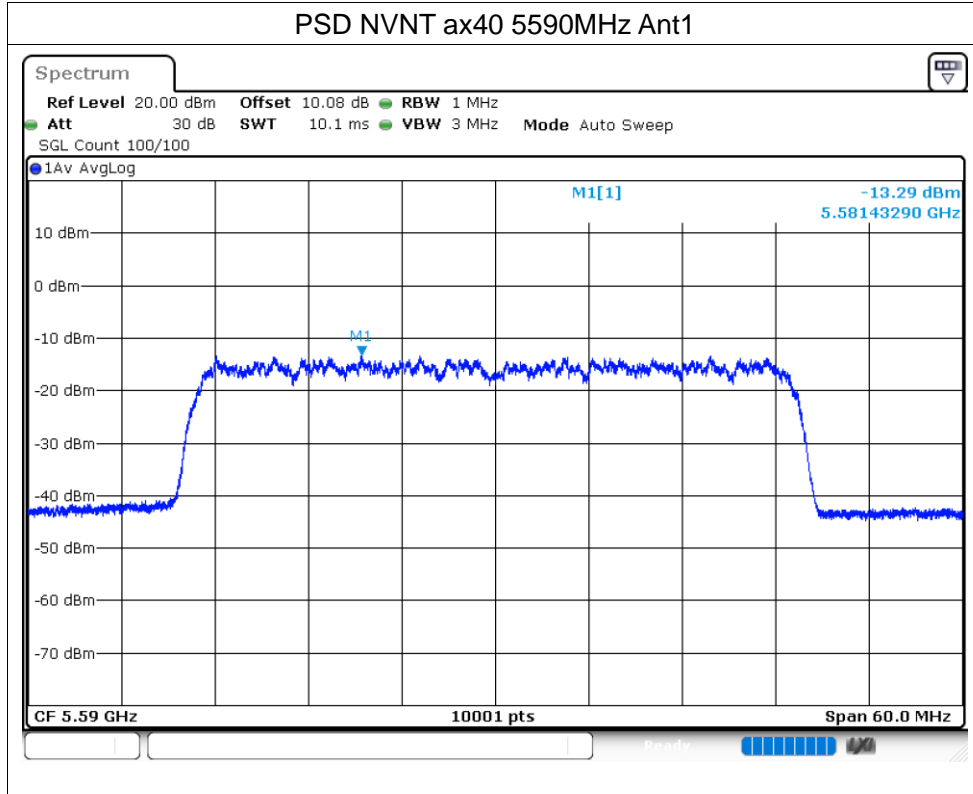


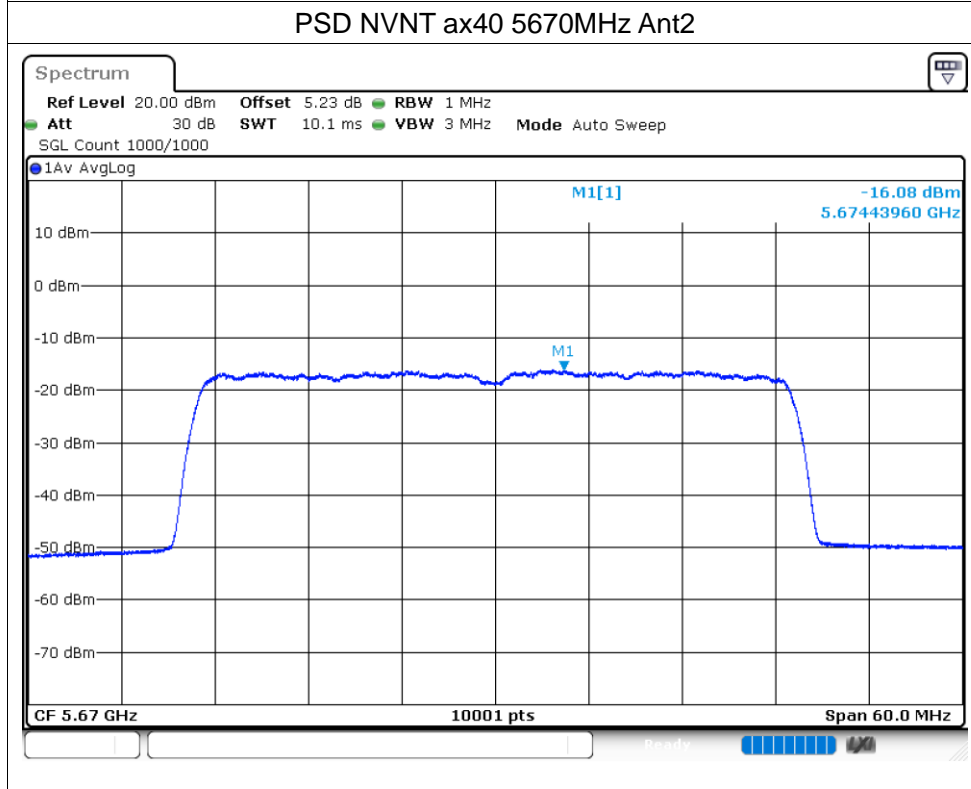
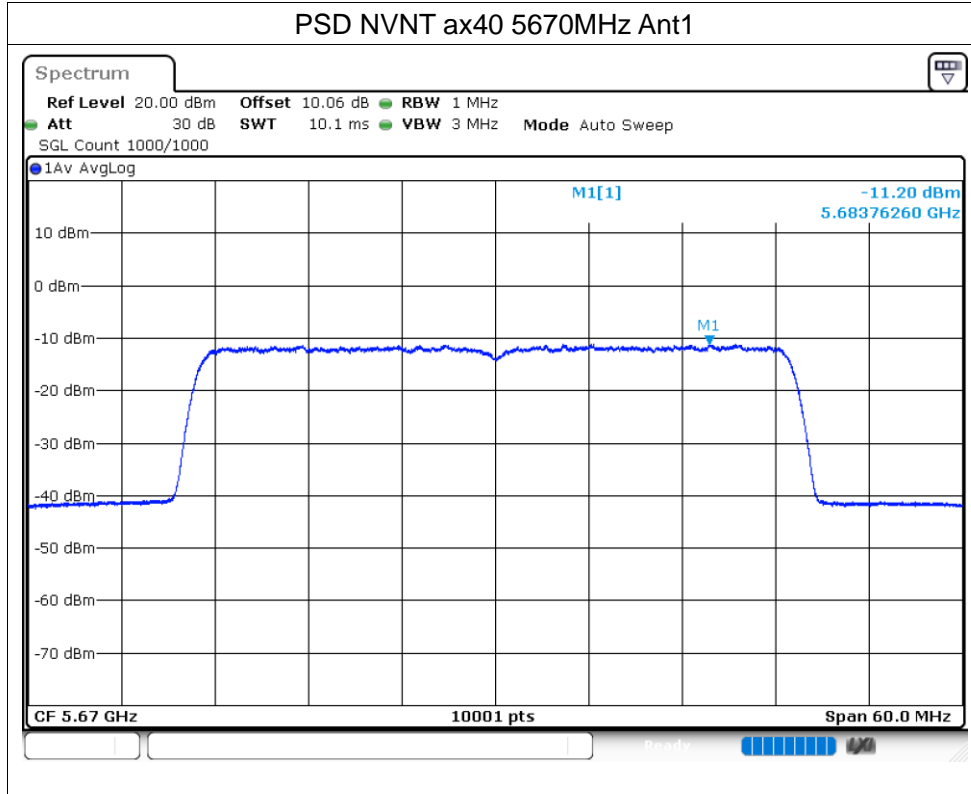


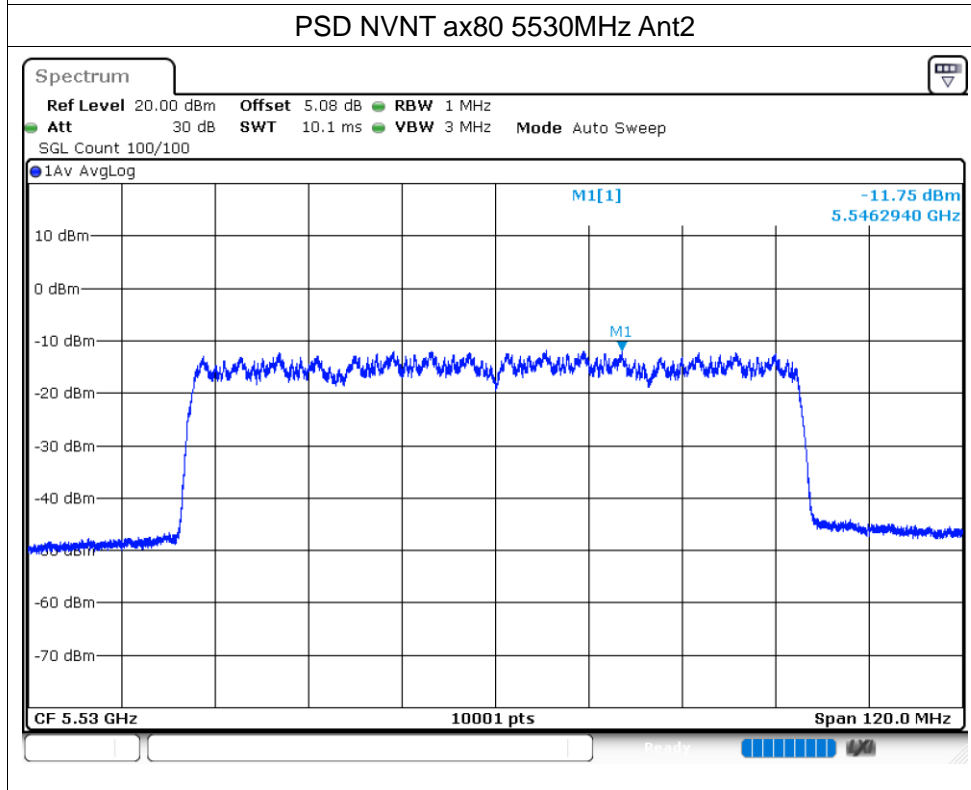
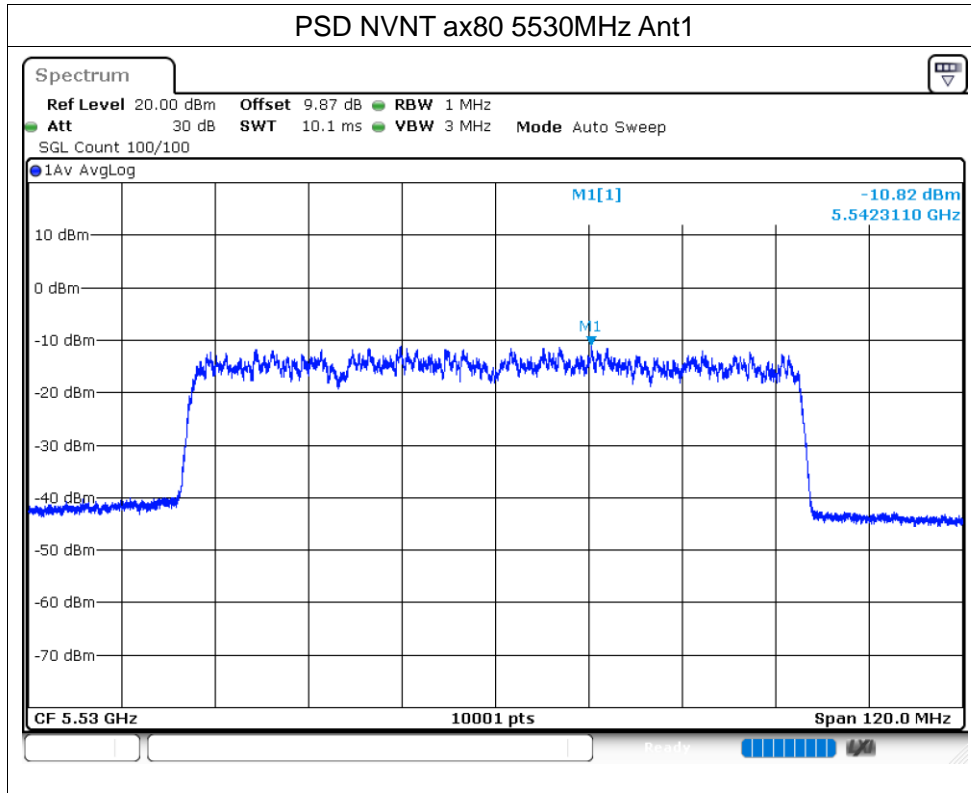


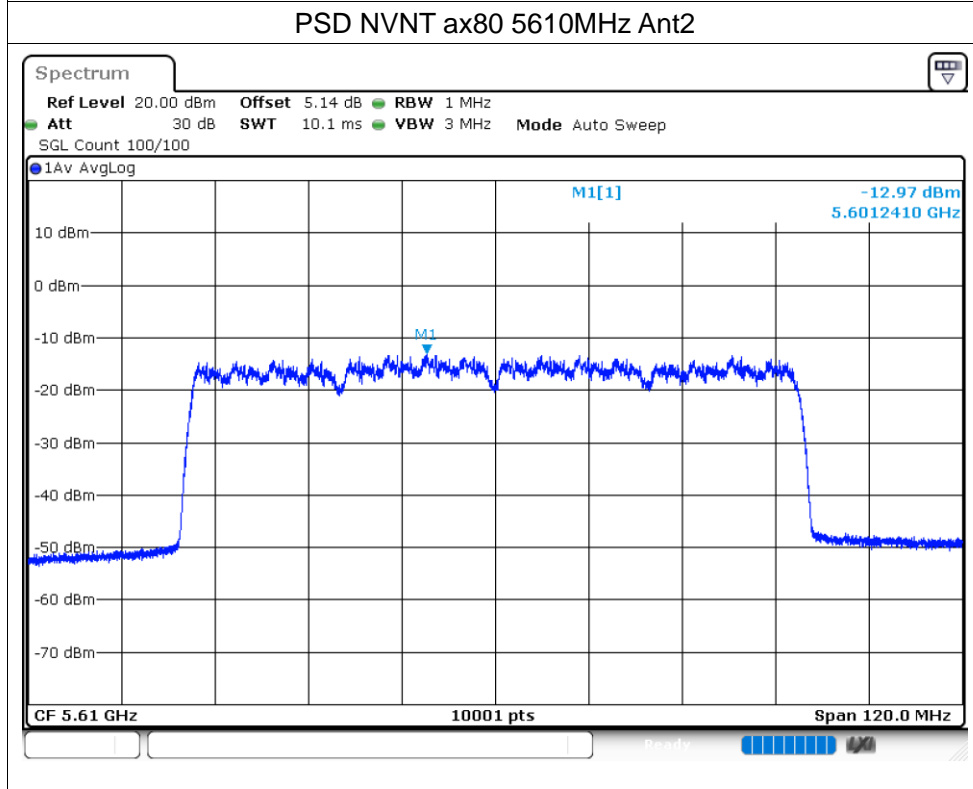
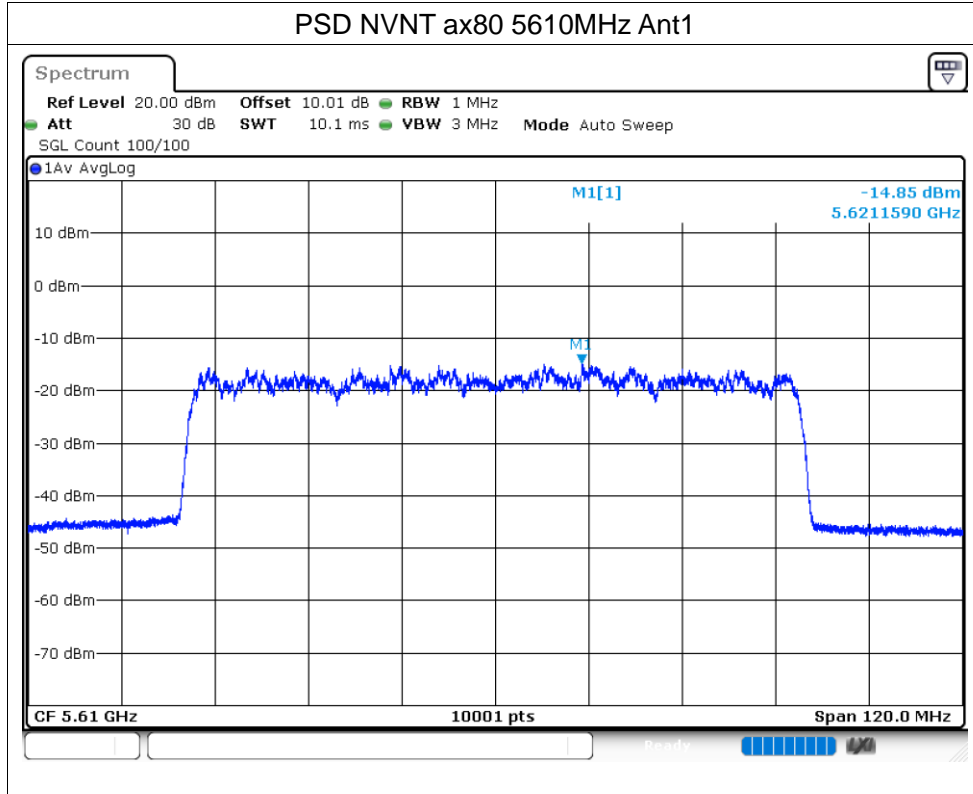


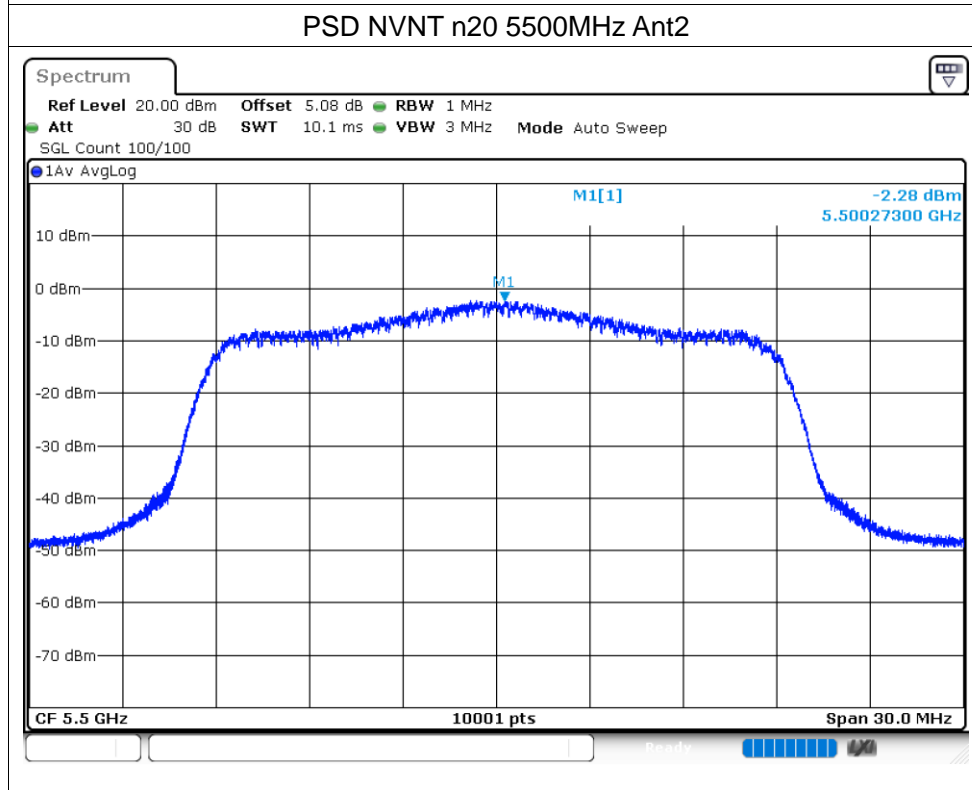
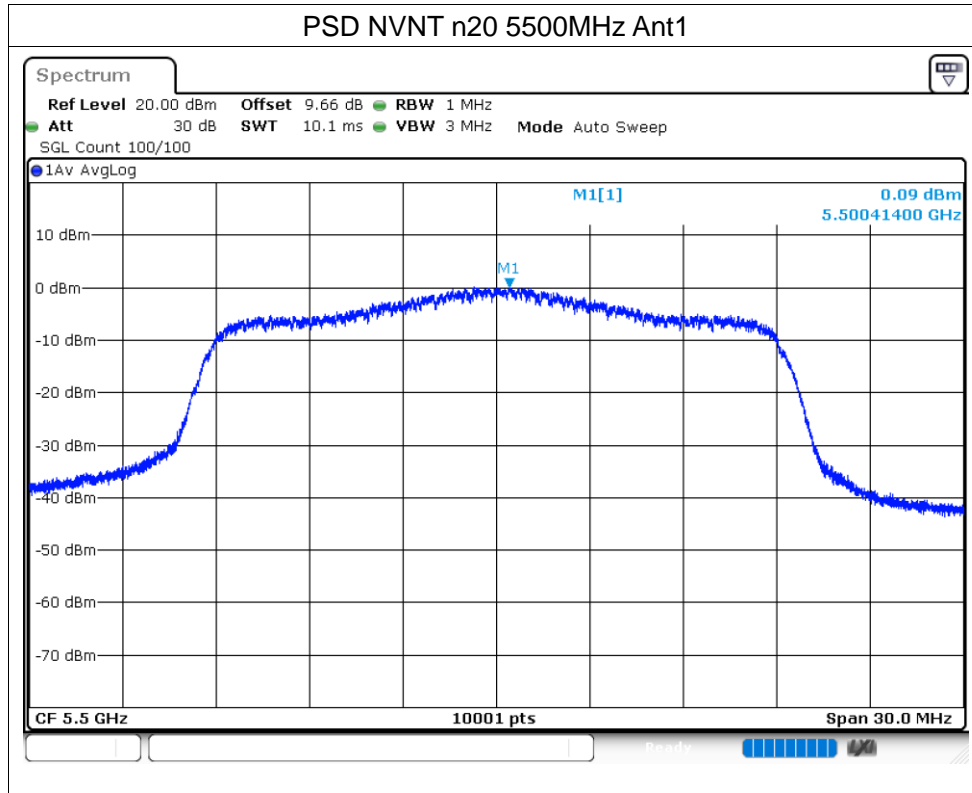


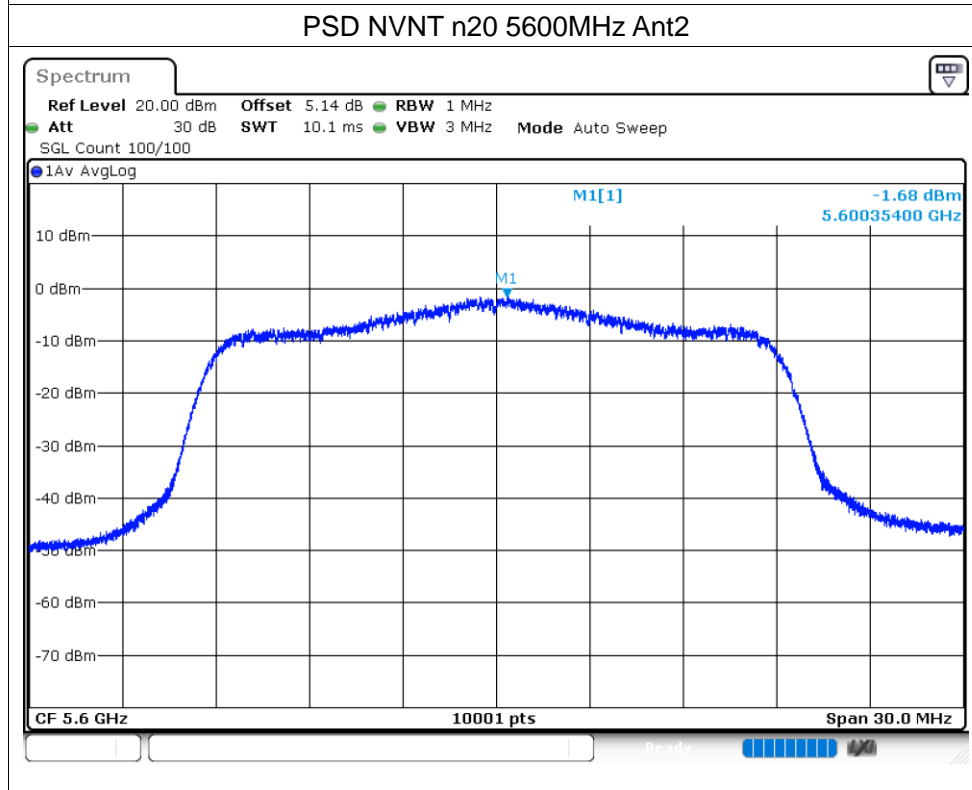
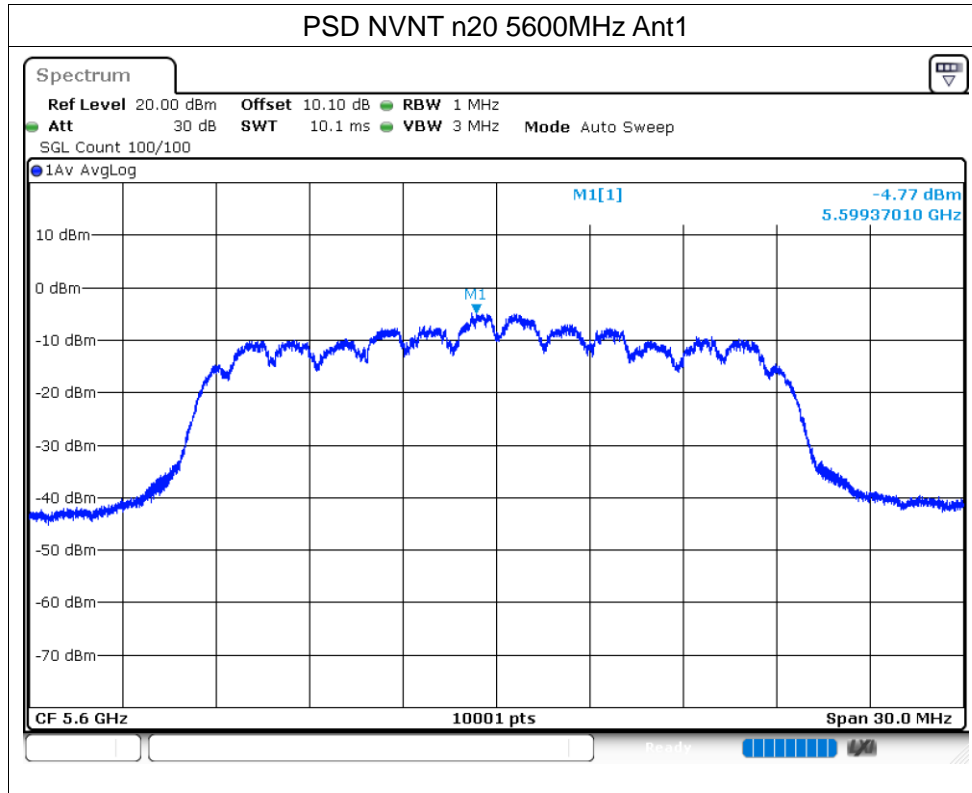


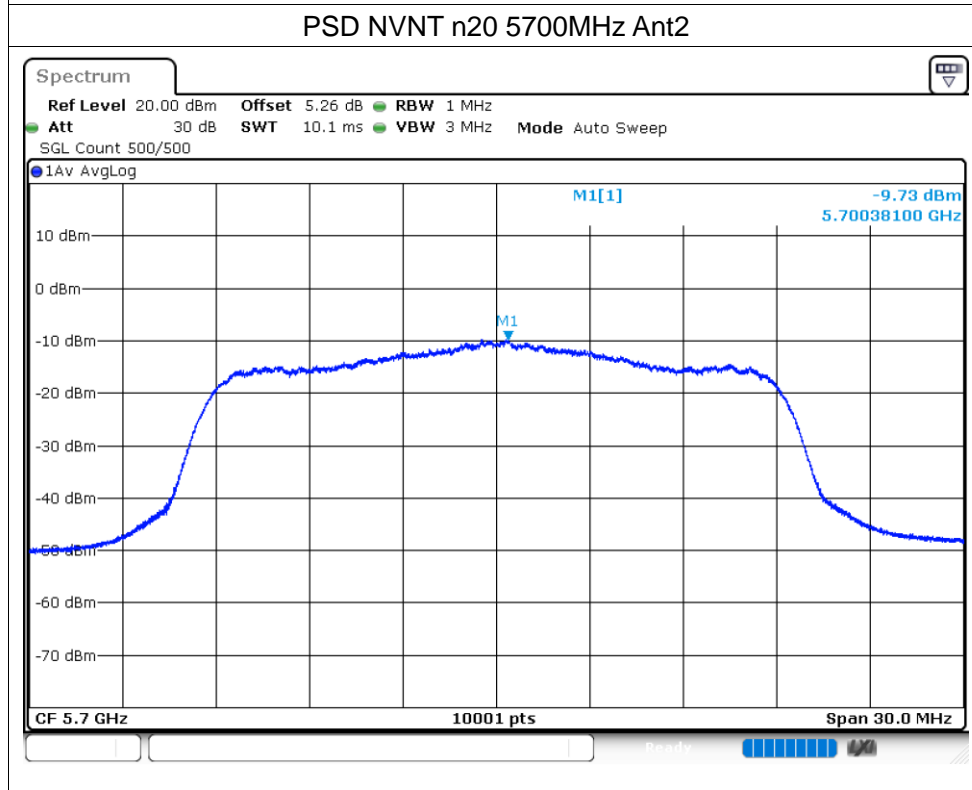
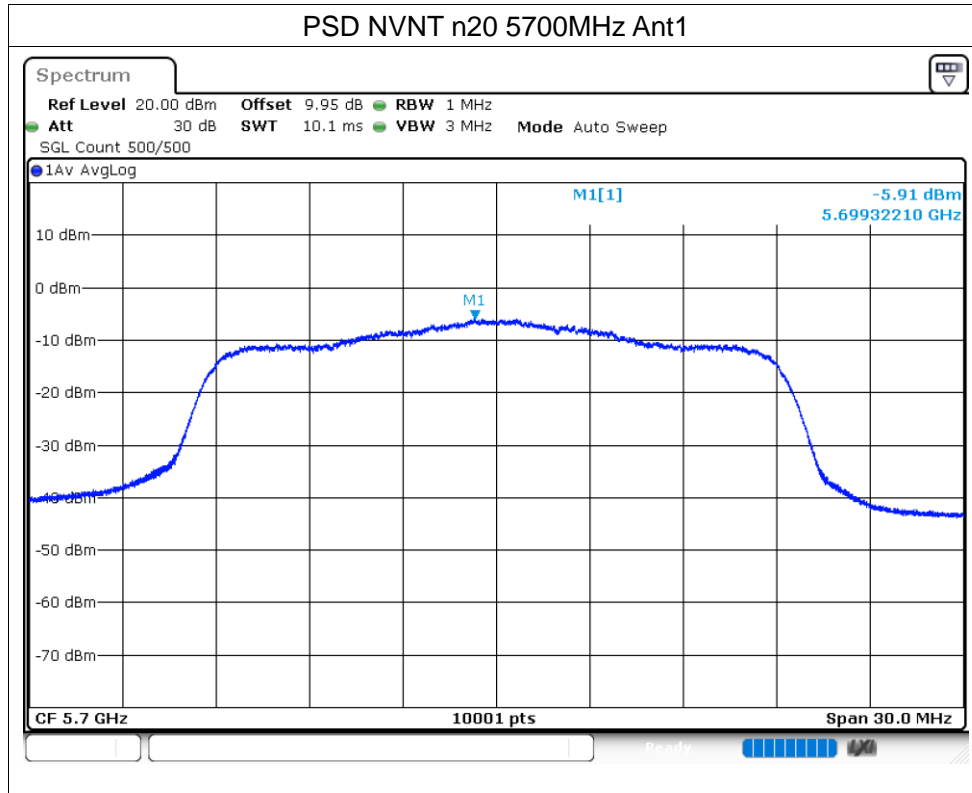


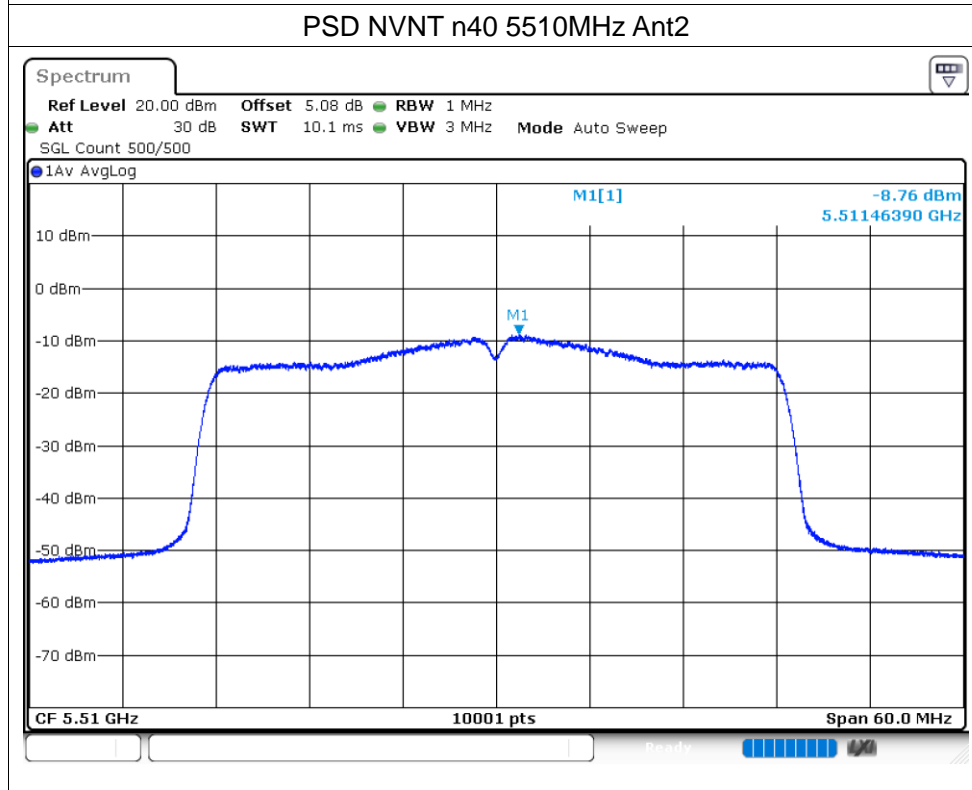
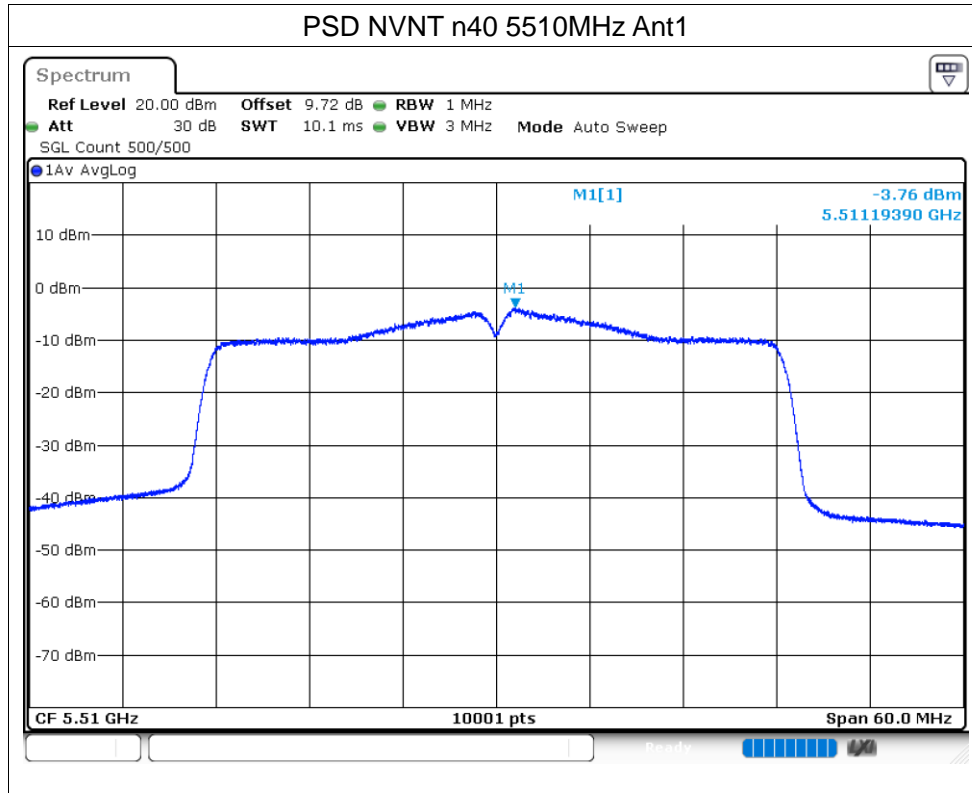


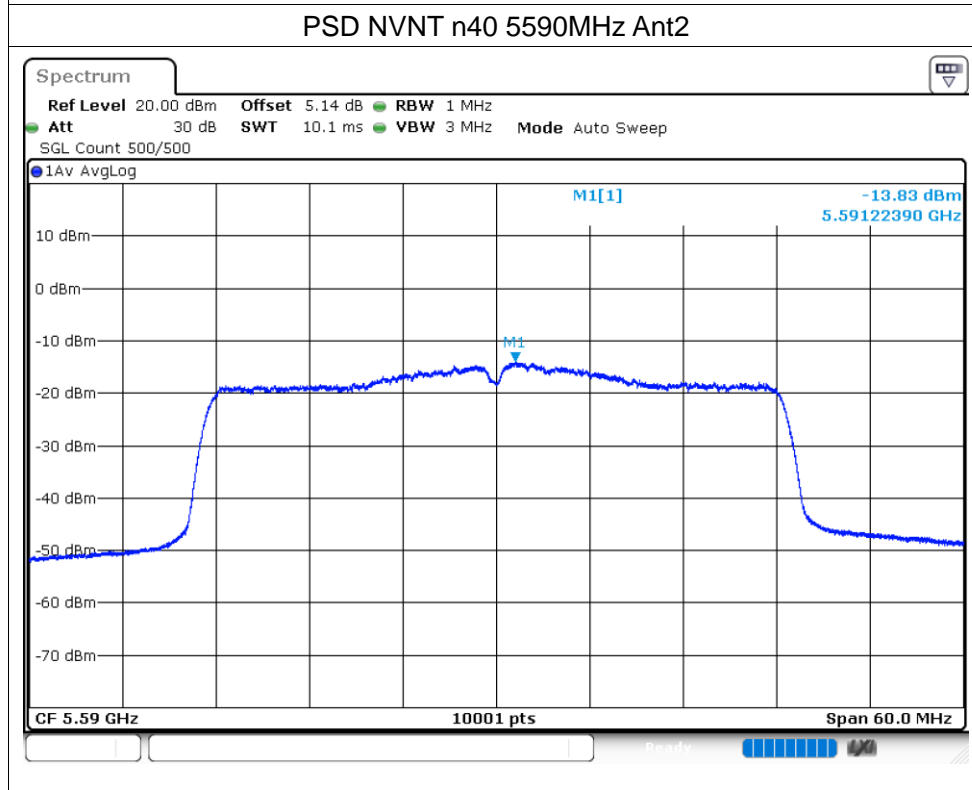
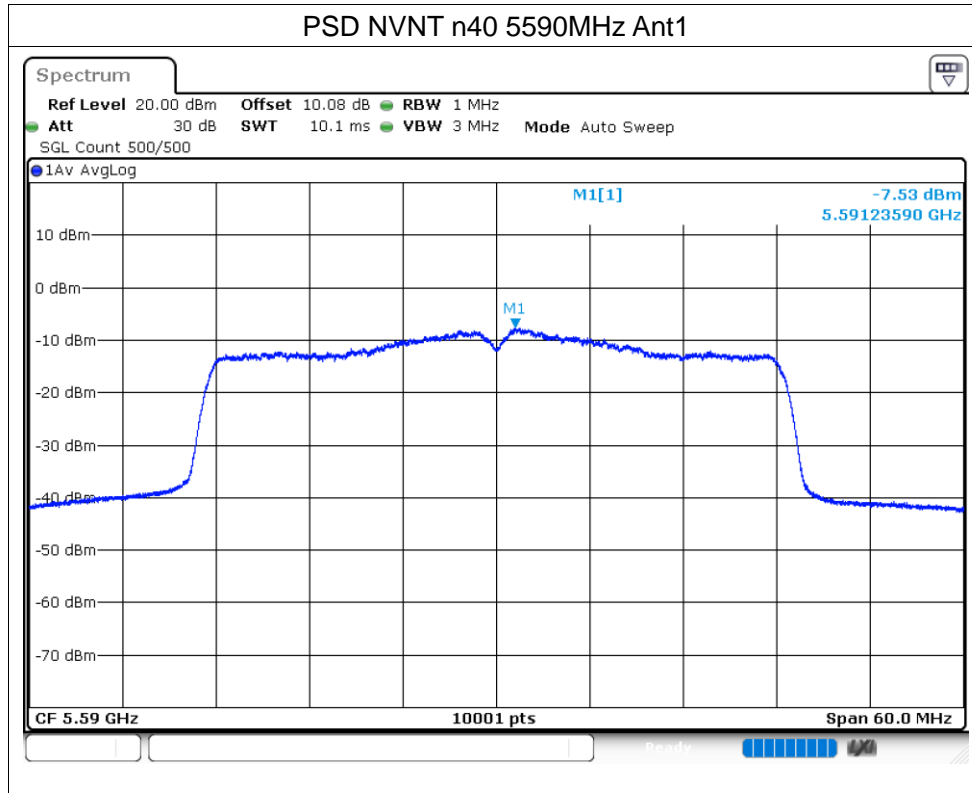


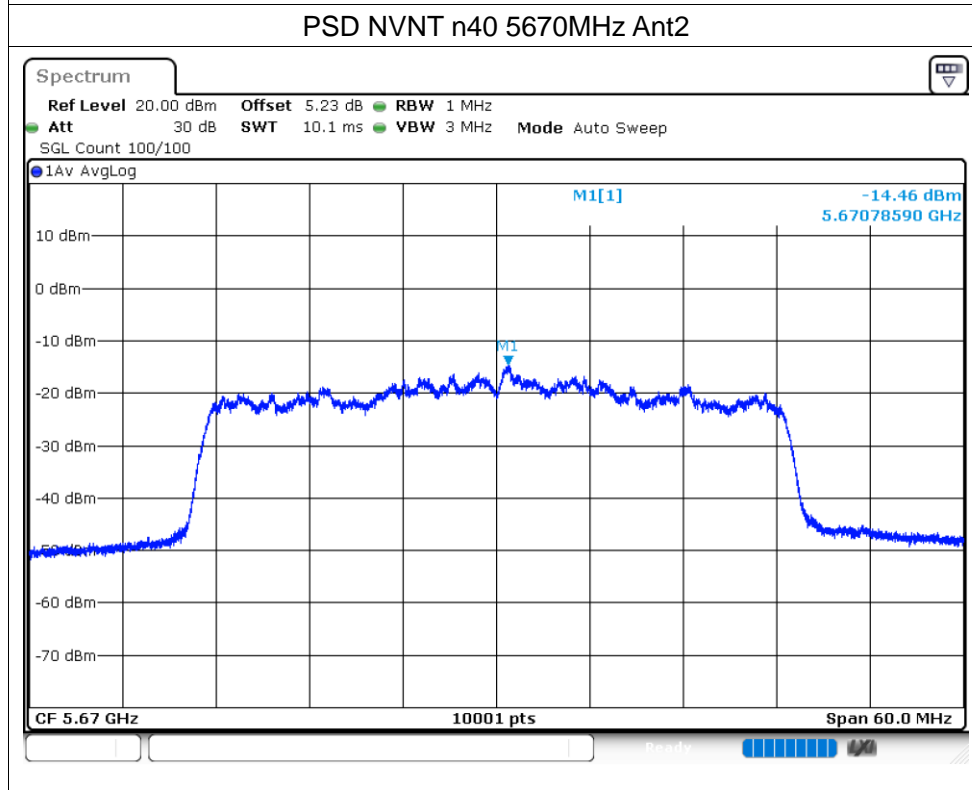
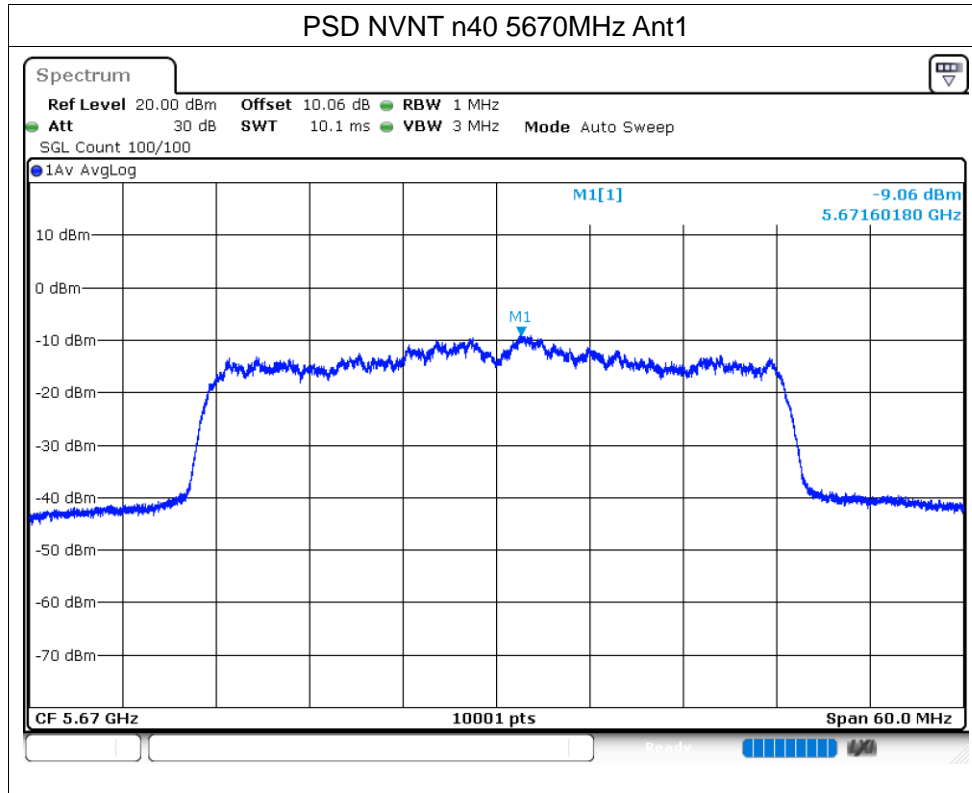










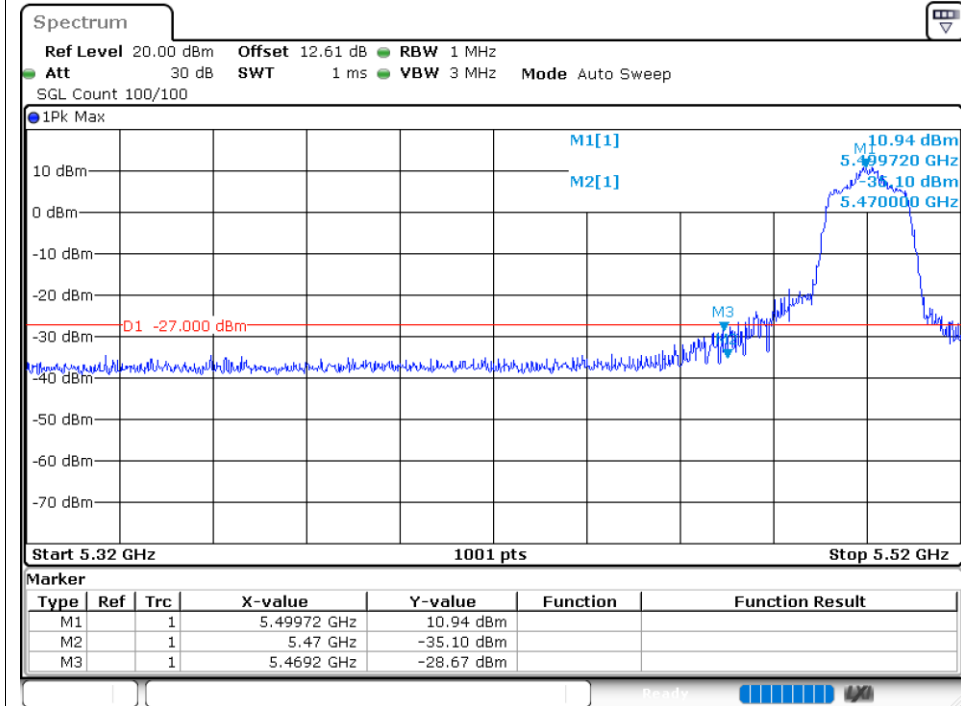


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-28.66	-27	Pass
NVNT	ac20	5500	Ant2	-38.59	-27	Pass
NVNT	ac20	5700	Ant1	-27.21	-27	Pass
NVNT	ac20	5700	Ant2	-36.46	-27	Pass
NVNT	ac40	5510	Ant1	-28.09	-27	Pass
NVNT	ac40	5510	Ant2	-37.34	-27	Pass
NVNT	ac40	5670	Ant1	-37.25	-27	Pass
NVNT	ac40	5670	Ant2	-43.12	-27	Pass
NVNT	ac80	5530	Ant1	-29.14	-27	Pass
NVNT	ac80	5530	Ant2	-36.01	-27	Pass
NVNT	ac80	5610	Ant1	-40.84	-27	Pass
NVNT	ac80	5610	Ant2	-43.59	-27	Pass
NVNT	ax20	5500	Ant1	-27.26	-27	Pass
NVNT	ax20	5500	Ant2	-39.65	-27	Pass
NVNT	ax20	5700	Ant1	-28.21	-27	Pass
NVNT	ax20	5700	Ant2	-36.35	-27	Pass
NVNT	ax40	5510	Ant1	-27.61	-27	Pass
NVNT	ax40	5510	Ant2	-34.26	-27	Pass
NVNT	ax40	5670	Ant1	-35.3	-27	Pass
NVNT	ax40	5670	Ant2	-44.25	-27	Pass
NVNT	ax80	5530	Ant1	-28.3	-27	Pass
NVNT	ax80	5530	Ant2	-33.89	-27	Pass
NVNT	ax80	5610	Ant1	-34.3	-27	Pass
NVNT	ax80	5610	Ant2	-37.38	-27	Pass
NVNT	n20	5500	Ant1	-27.1	-27	Pass
NVNT	n20	5500	Ant2	-36.98	-27	Pass
NVNT	n20	5700	Ant1	-27.72	-27	Pass
NVNT	n20	5700	Ant2	-39.6	-27	Pass
NVNT	n40	5510	Ant1	-28.38	-27	Pass
NVNT	n40	5510	Ant2	-38.45	-27	Pass
NVNT	n40	5670	Ant1	-32.31	-27	Pass
NVNT	n40	5670	Ant2	-37.17	-27	Pass

Test Graphs

Band Edge NVNT ac20 5500MHz Low Ant1



Band Edge NVNT ac20 5500MHz Low Ant2

