

5.8G-MIMO:

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	12.39	0	12.39	--	Pass
NVNT	ac20	5745	Ant2	9.88	0	9.88	--	Pass
NVNT	ac20	5745	Sum	14.32	0	14.32	30	Pass
NVNT	ac20	5785	Ant1	13.32	0	13.32	--	Pass
NVNT	ac20	5785	Ant2	9.02	0	9.02	--	Pass
NVNT	ac20	5785	Sum	14.69	0	14.69	30	Pass
NVNT	ac20	5825	Ant1	13.03	0	11.12	--	Pass
NVNT	ac20	5825	Ant2	8.44	0	8.76	--	Pass
NVNT	ac20	5825	Sum	14.33	0	14.33	30	Pass
NVNT	ac40	5755	Ant1	12.77	0	12.77	--	Pass
NVNT	ac40	5755	Ant2	9.55	0	9.55	--	Pass
NVNT	ac40	5755	Sum	14.46	0	14.46	30	Pass
NVNT	ac40	5795	Ant1	13.24	0	11.12	--	Pass
NVNT	ac40	5795	Ant2	8.47	0	8.76	--	Pass
NVNT	ac40	5795	Sum	14.49	0	14.49	30	Pass
NVNT	ac80	5775	Ant1	11.87	0	11.87	--	Pass
NVNT	ac80	5775	Ant2	7.84	0	7.84	--	Pass
NVNT	ac80	5775	Sum	13.32	0	13.32	30	Pass
NVNT	ax20	5745	Ant1	12.78	0	11.12	--	Pass
NVNT	ax20	5745	Ant2	10.37	0	8.76	--	Pass
NVNT	ax20	5745	Sum	14.75	0	14.75	30	Pass
NVNT	ax20	5785	Ant1	13.56	0	13.56	--	Pass
NVNT	ax20	5785	Ant2	9.17	0	9.17	--	Pass
NVNT	ax20	5785	Sum	14.91	0	14.91	30	Pass
NVNT	ax20	5825	Ant1	12.99	0	11.12	--	Pass
NVNT	ax20	5825	Ant2	8.5	0	8.76	--	Pass
NVNT	ax20	5825	Sum	14.31	0	14.31	30	Pass
NVNT	ax40	5755	Ant1	12.86	0	12.86	--	Pass
NVNT	ax40	5755	Ant2	9.54	0	9.54	--	Pass
NVNT	ax40	5755	Sum	14.52	0	14.52	30	Pass
NVNT	ax40	5795	Ant1	13.44	0	11.12	--	Pass
NVNT	ax40	5795	Ant2	8.77	0	8.76	--	Pass
NVNT	ax40	5795	Sum	14.71	0	14.71	30	Pass
NVNT	ax80	5775	Ant1	11.57	0	11.57	--	Pass

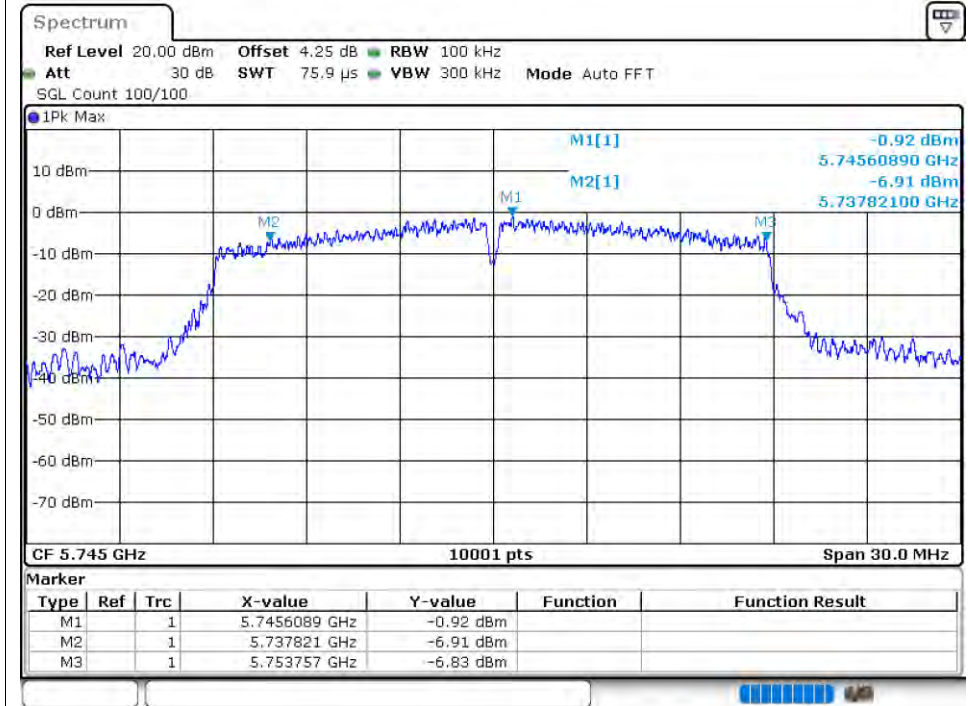
NVNT	ax80	5775	Ant2	8.17	0	8.17	--	Pass
NVNT	ax80	5775	Sum	13.2	0	13.20	30	Pass
NVNT	n20	5745	Ant1	12.35	0	11.12	--	Pass
NVNT	n20	5745	Ant2	9.94	0	8.76	--	Pass
NVNT	n20	5745	Sum	14.32	0	14.32	30	Pass
NVNT	n20	5785	Ant1	13.51	0	13.51	--	Pass
NVNT	n20	5785	Ant2	8.94	0	8.94	--	Pass
NVNT	n20	5785	Sum	14.81	0	14.81	30	Pass
NVNT	n20	5825	Ant1	13.01	0	11.12	--	Pass
NVNT	n20	5825	Ant2	8.55	0	8.76	--	Pass
NVNT	n20	5825	Sum	14.34	0	14.34	30	Pass
NVNT	n40	5755	Ant1	11.69	0	11.69	--	Pass
NVNT	n40	5755	Ant2	8.92	0	8.92	--	Pass
NVNT	n40	5755	Sum	13.53	0	13.53	30	Pass
NVNT	n40	5795	Ant1	12.75	0	11.12	--	Pass
NVNT	n40	5795	Ant2	7.75	0	8.76	--	Pass
NVNT	n40	5795	Sum	13.94	0	13.94	30	Pass

## -6dB Bandwidth

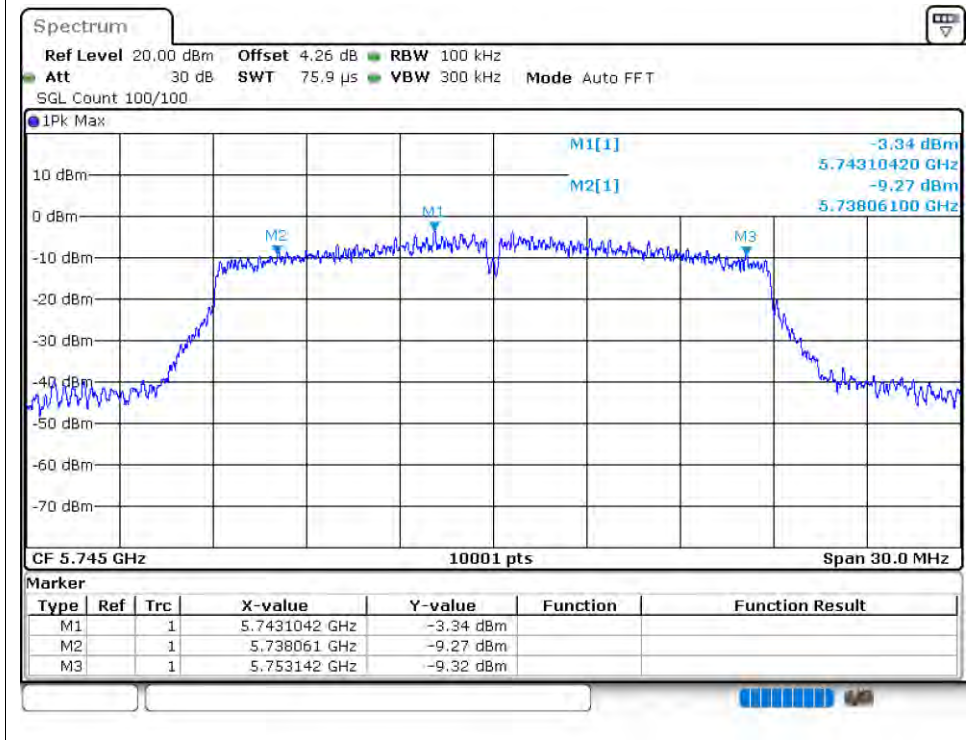
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5745	Ant1	15.936	0.5	Pass
NVNT	ac20	5745	Ant2	15.081	0.5	Pass
NVNT	ac20	5785	Ant1	15.309	0.5	Pass
NVNT	ac20	5785	Ant2	16.299	0.5	Pass
NVNT	ac20	5825	Ant1	16.029	0.5	Pass
NVNT	ac20	5825	Ant2	13.785	0.5	Pass
NVNT	ac40	5755	Ant1	33.792	0.5	Pass
NVNT	ac40	5755	Ant2	31.908	0.5	Pass
NVNT	ac40	5795	Ant1	35.766	0.5	Pass
NVNT	ac40	5795	Ant2	35.676	0.5	Pass
NVNT	ac80	5775	Ant1	76.332	0.5	Pass
NVNT	ac80	5775	Ant2	76.356	0.5	Pass
NVNT	ax20	5745	Ant1	18.303	0.5	Pass
NVNT	ax20	5745	Ant2	18.501	0.5	Pass
NVNT	ax20	5785	Ant1	17.715	0.5	Pass
NVNT	ax20	5785	Ant2	18.132	0.5	Pass
NVNT	ax20	5825	Ant1	18.165	0.5	Pass
NVNT	ax20	5825	Ant2	18.264	0.5	Pass
NVNT	ax40	5755	Ant1	35.184	0.5	Pass
NVNT	ax40	5755	Ant2	37.404	0.5	Pass
NVNT	ax40	5795	Ant1	37.74	0.5	Pass
NVNT	ax40	5795	Ant2	36.882	0.5	Pass
NVNT	ax80	5775	Ant1	77.604	0.5	Pass
NVNT	ax80	5775	Ant2	78.12	0.5	Pass
NVNT	n20	5745	Ant1	15.918	0.5	Pass
NVNT	n20	5745	Ant2	15.3	0.5	Pass
NVNT	n20	5785	Ant1	16.896	0.5	Pass
NVNT	n20	5785	Ant2	13.515	0.5	Pass
NVNT	n20	5825	Ant1	15.888	0.5	Pass
NVNT	n20	5825	Ant2	15.054	0.5	Pass
NVNT	n40	5755	Ant1	34.152	0.5	Pass
NVNT	n40	5755	Ant2	35.04	0.5	Pass
NVNT	n40	5795	Ant1	35.658	0.5	Pass
NVNT	n40	5795	Ant2	35.052	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT ac20 5745MHz Ant1

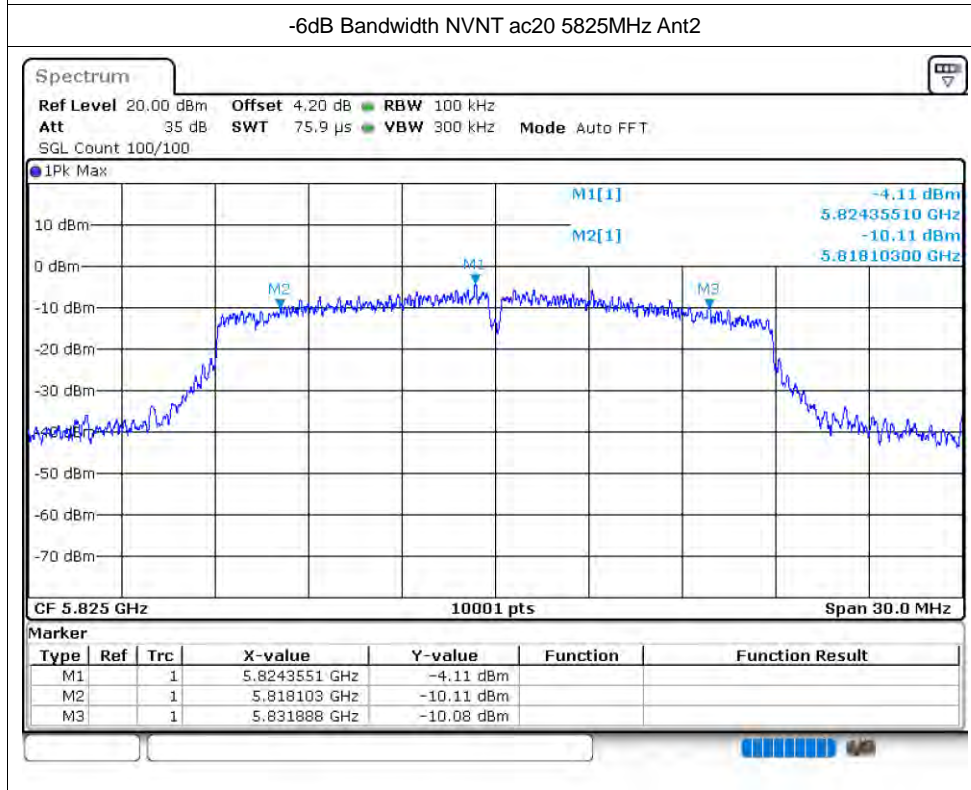
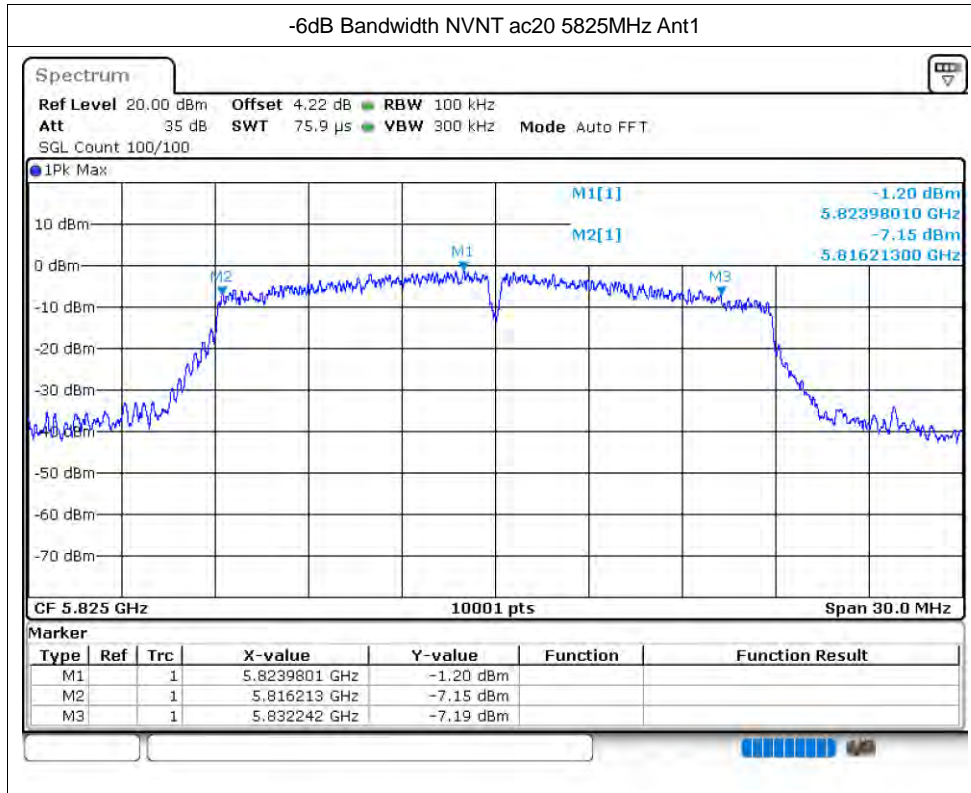


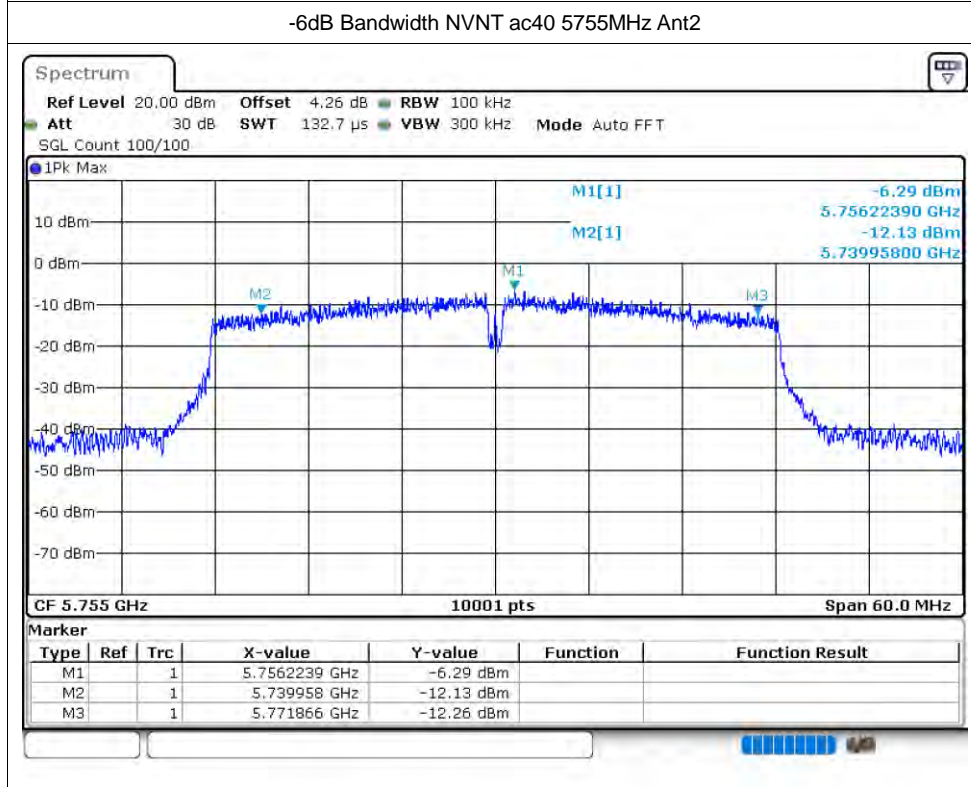
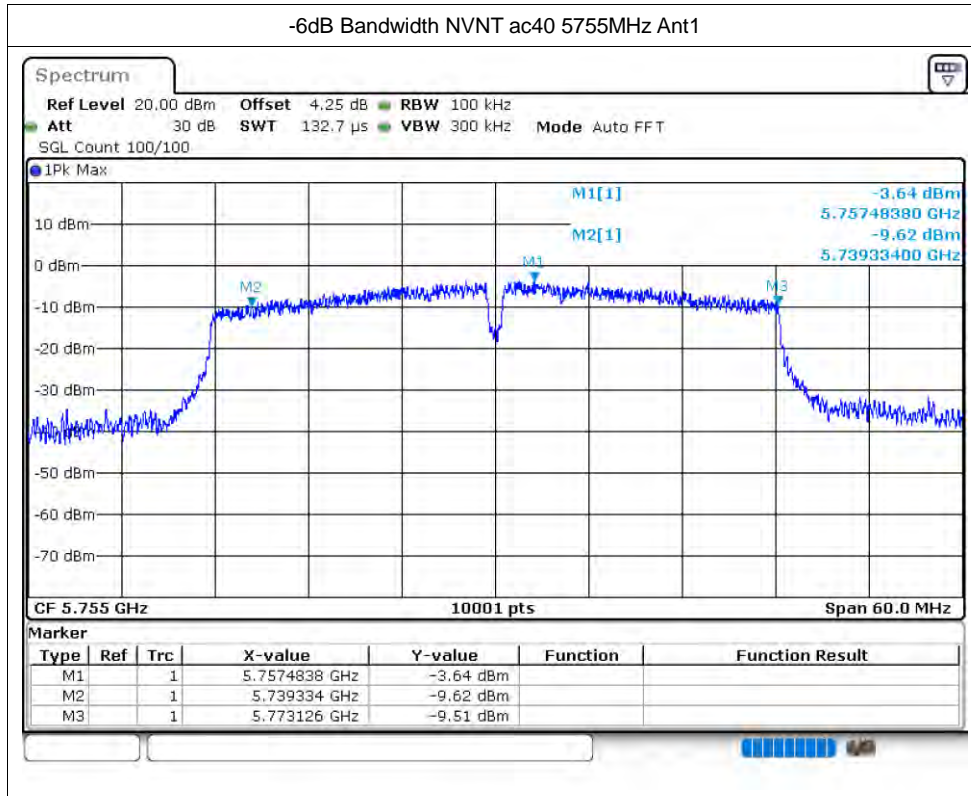
-6dB Bandwidth NVNT ac20 5745MHz Ant2

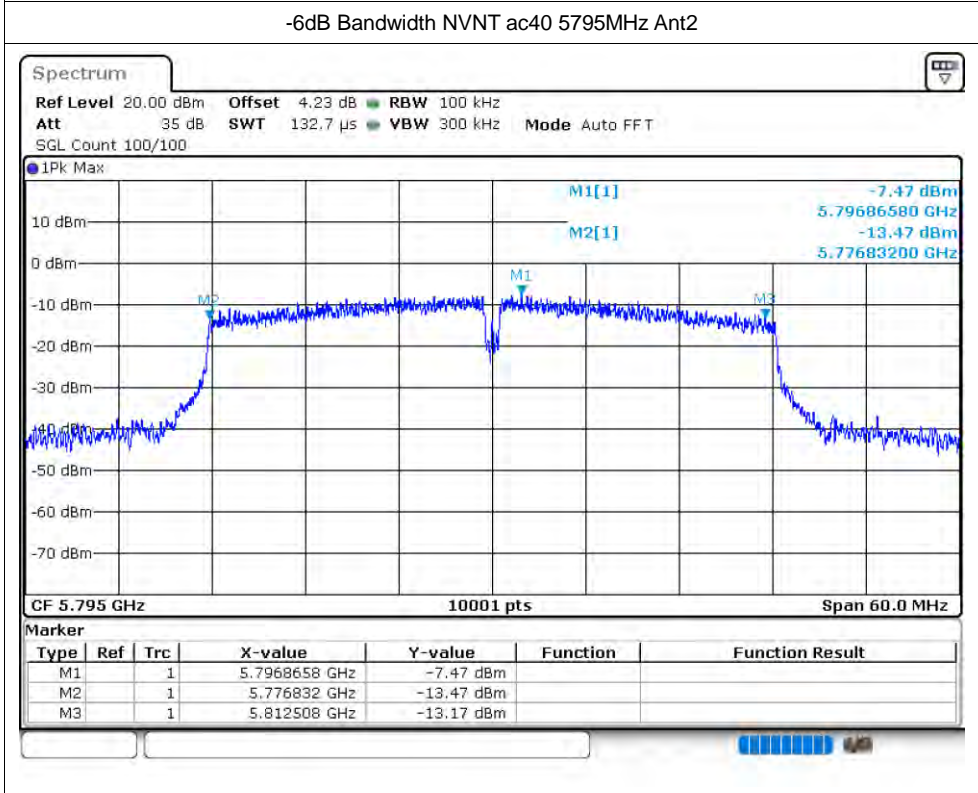
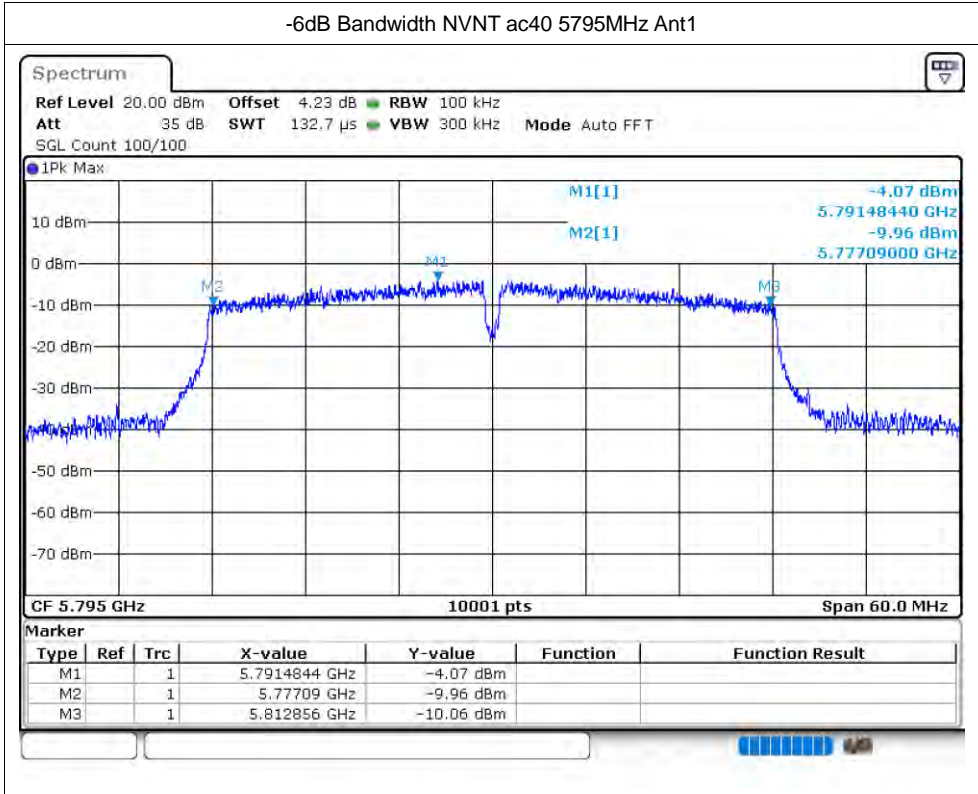


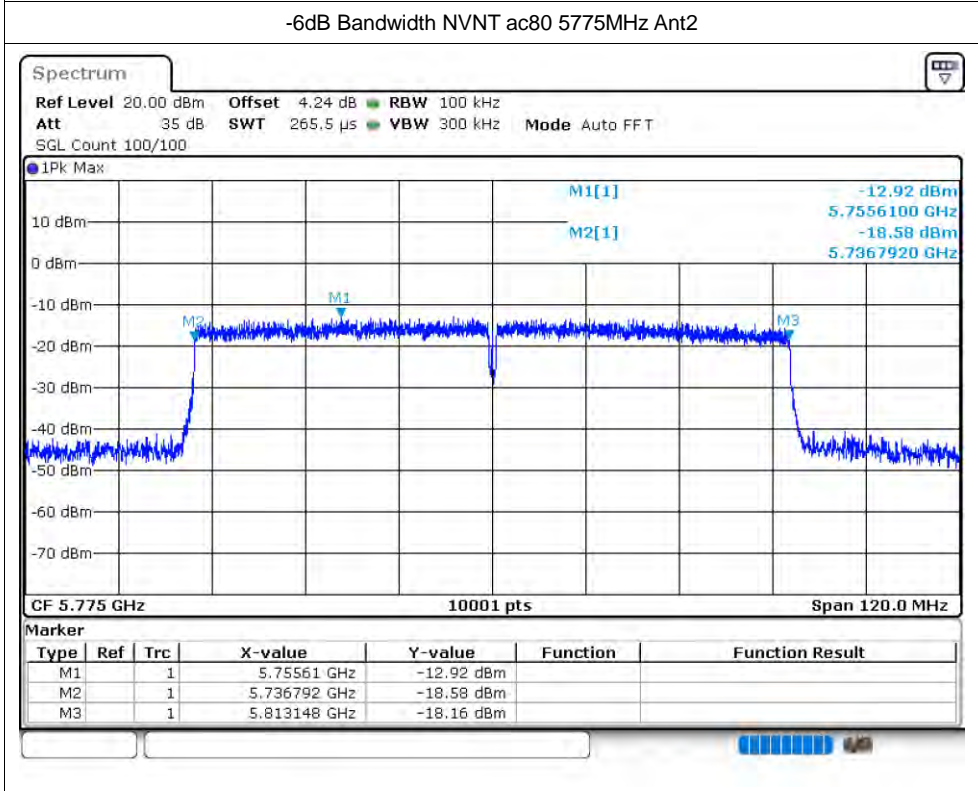
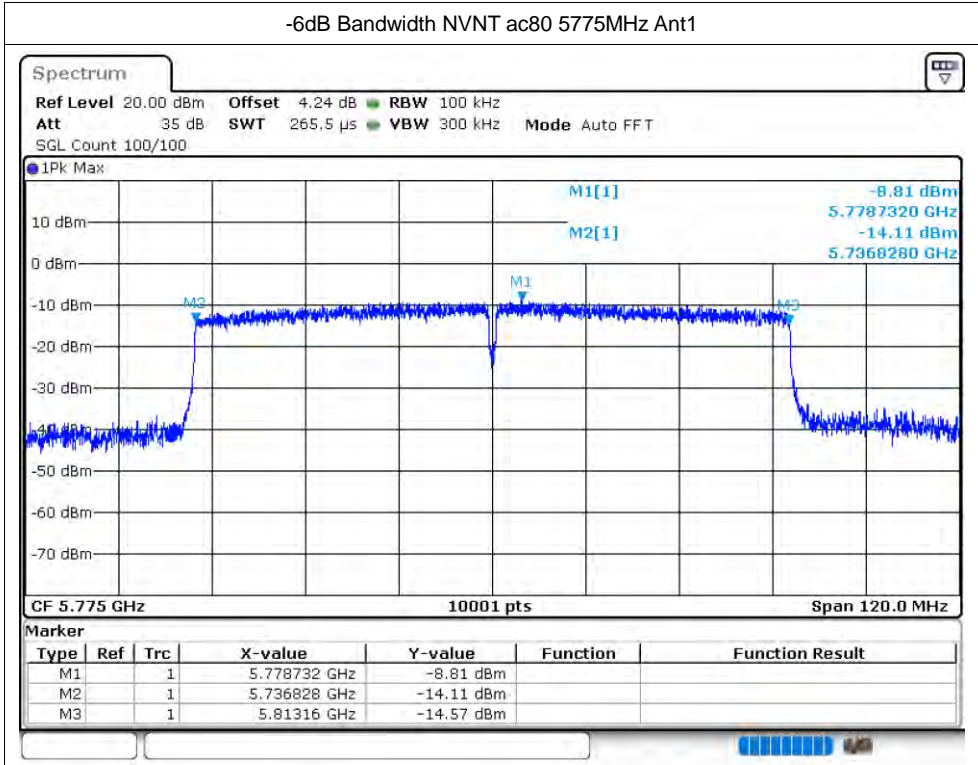


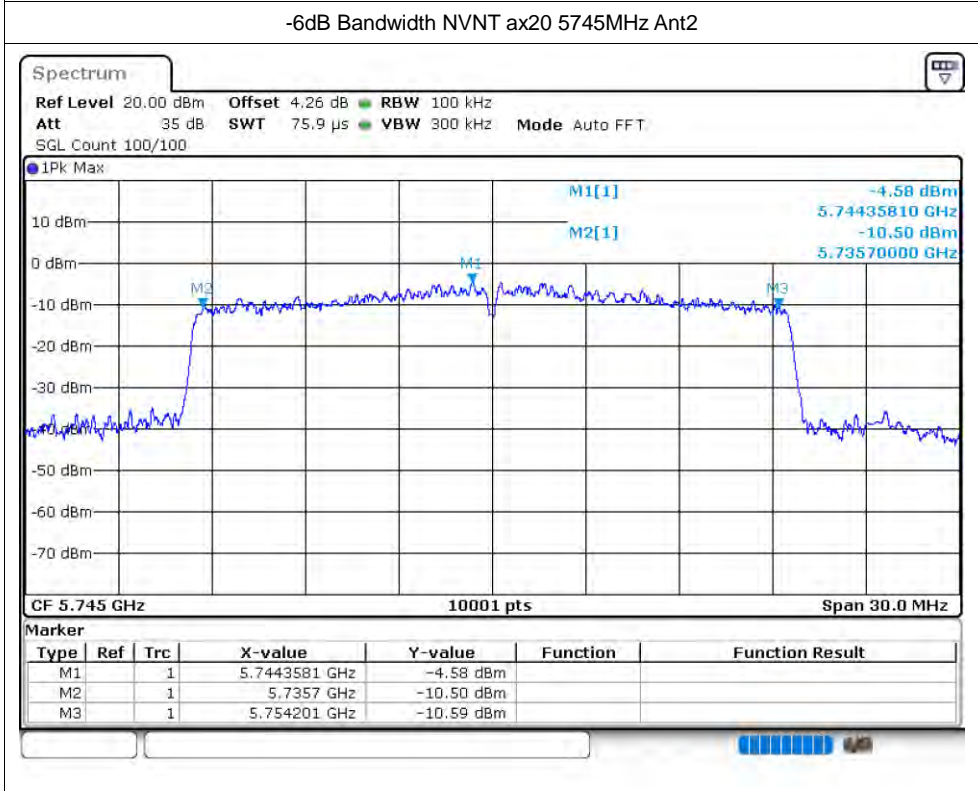
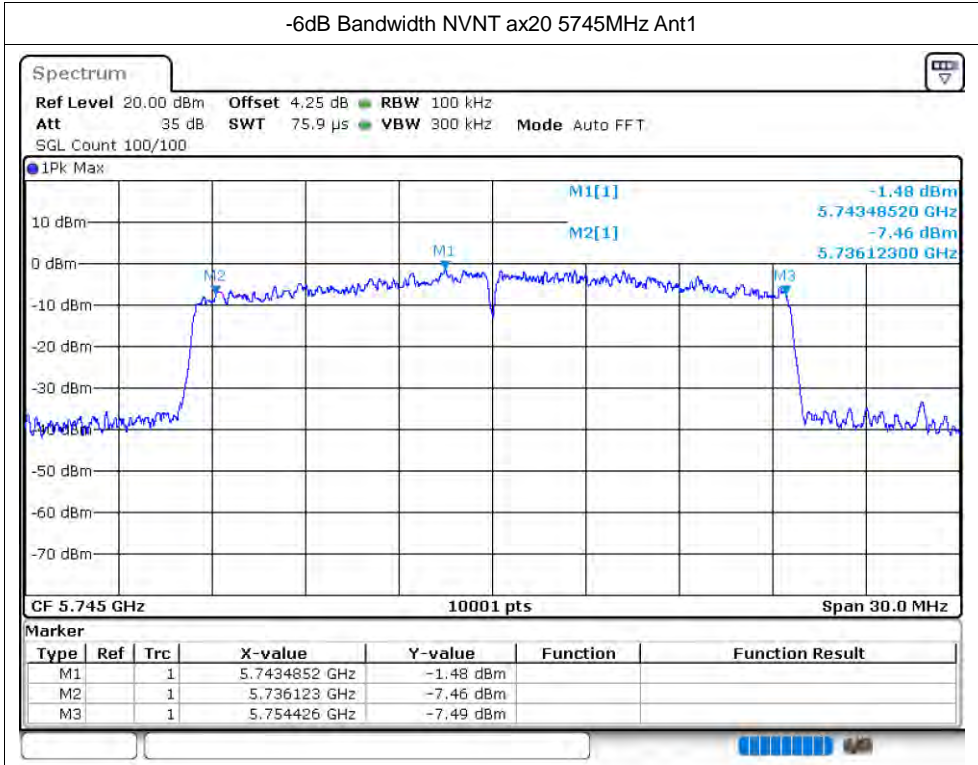


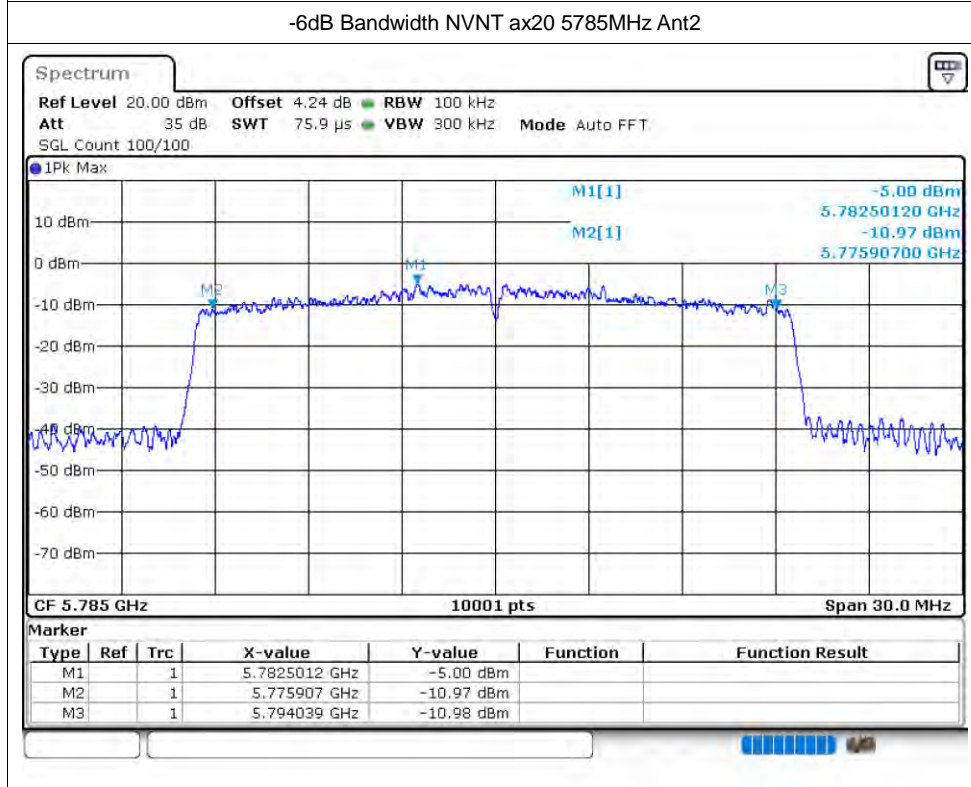
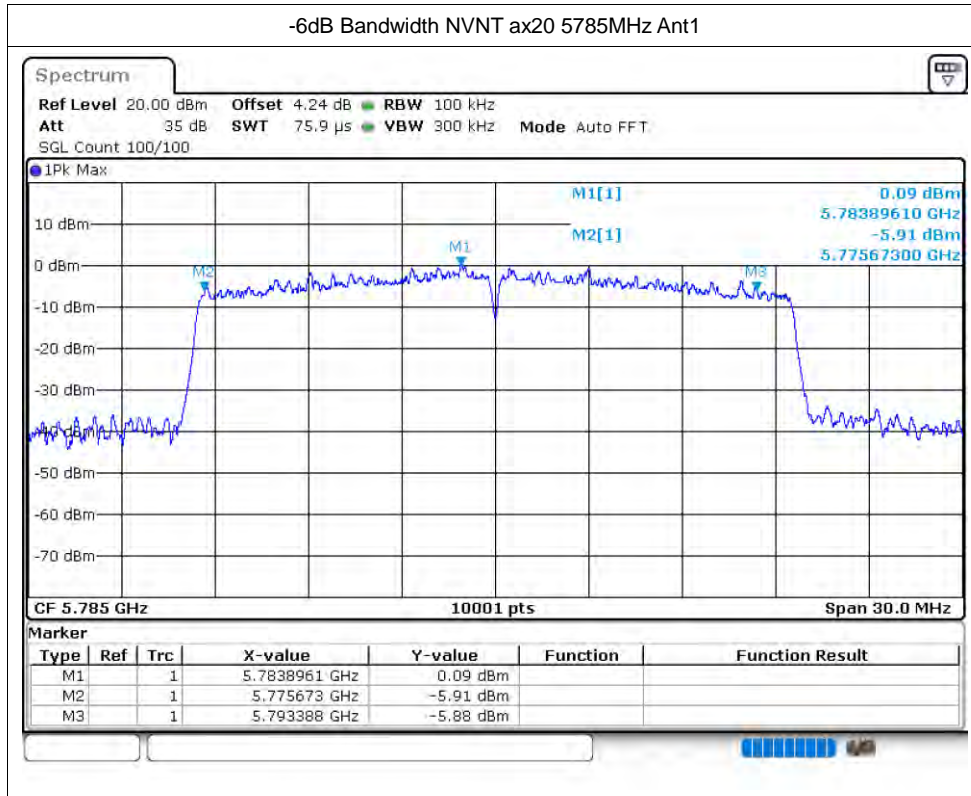




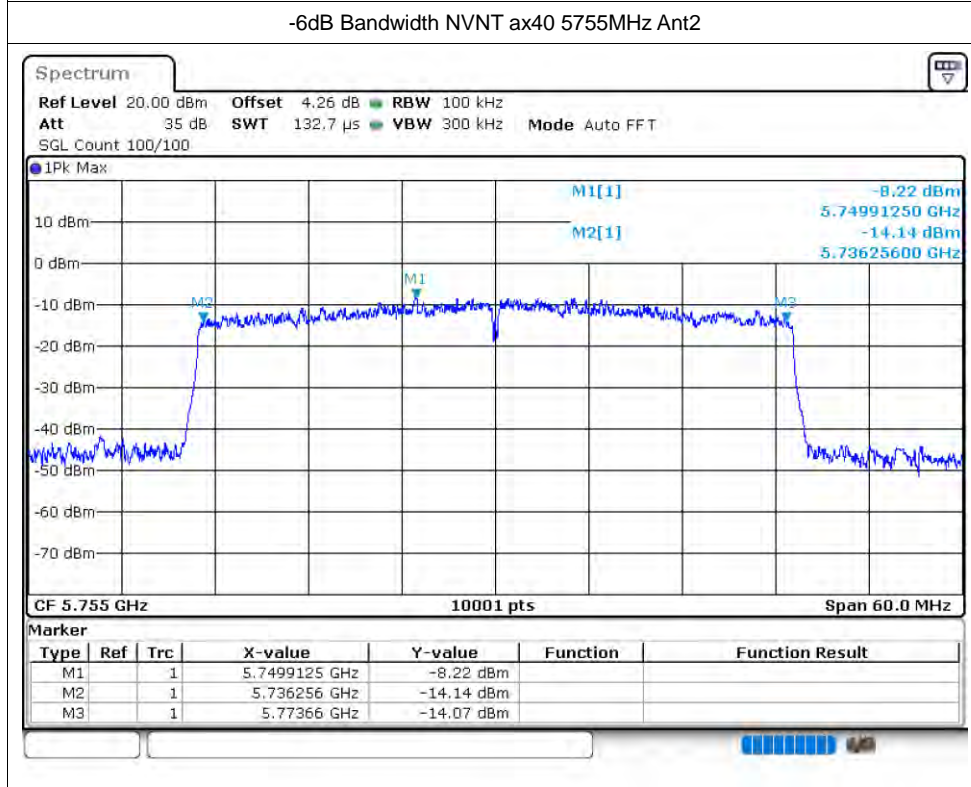
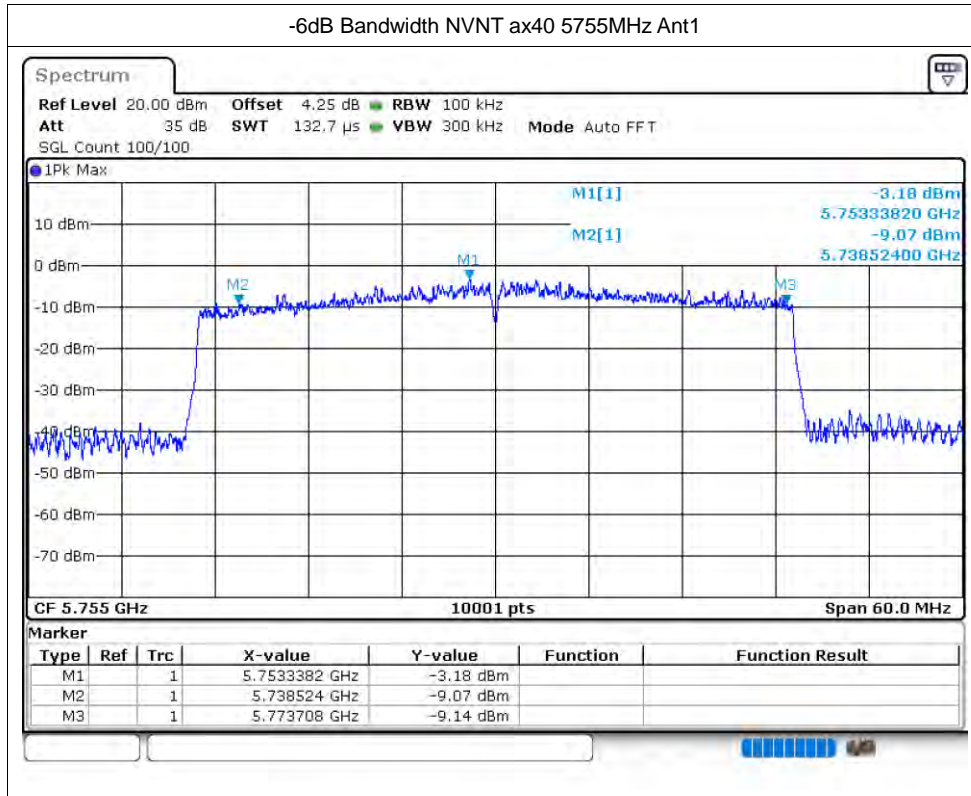




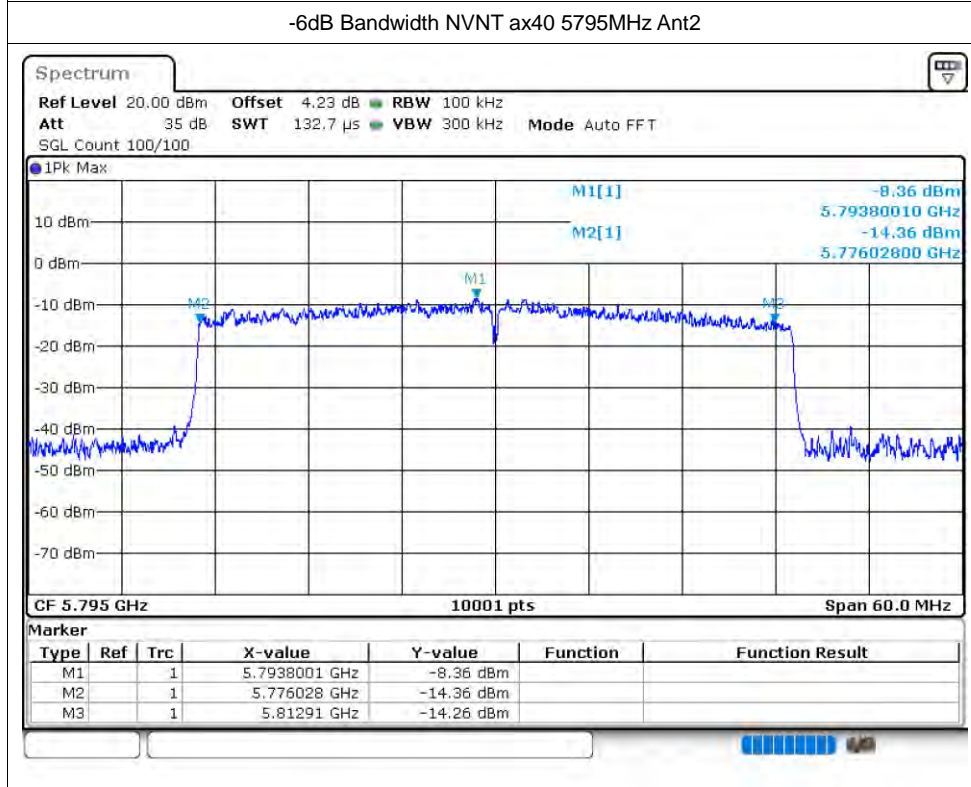
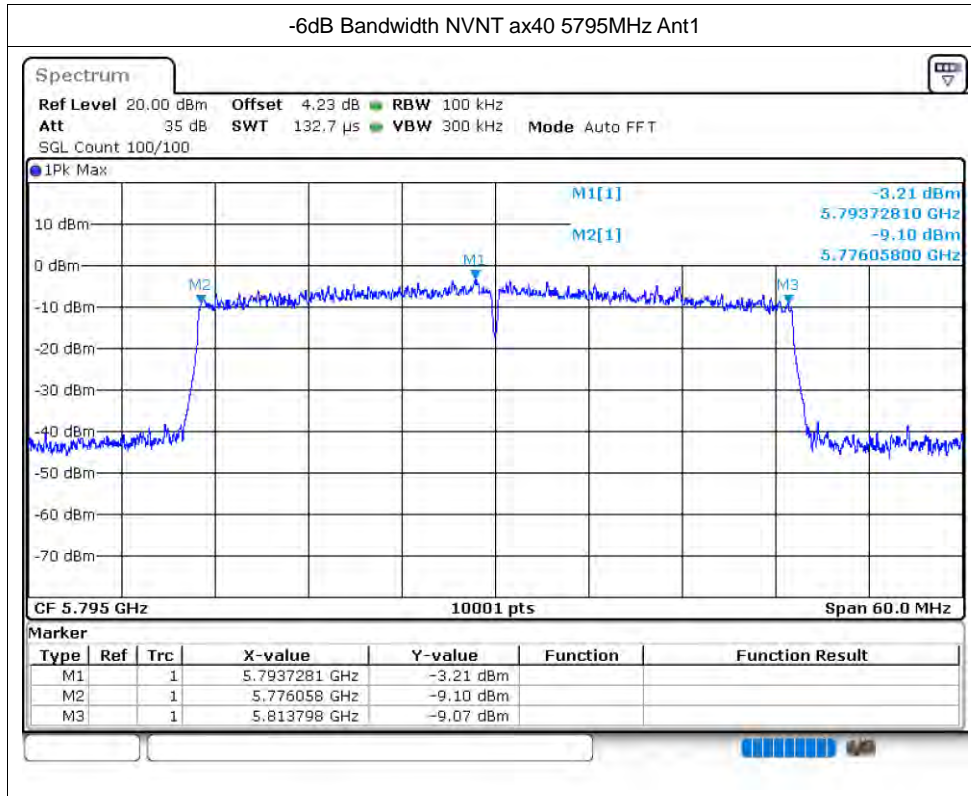


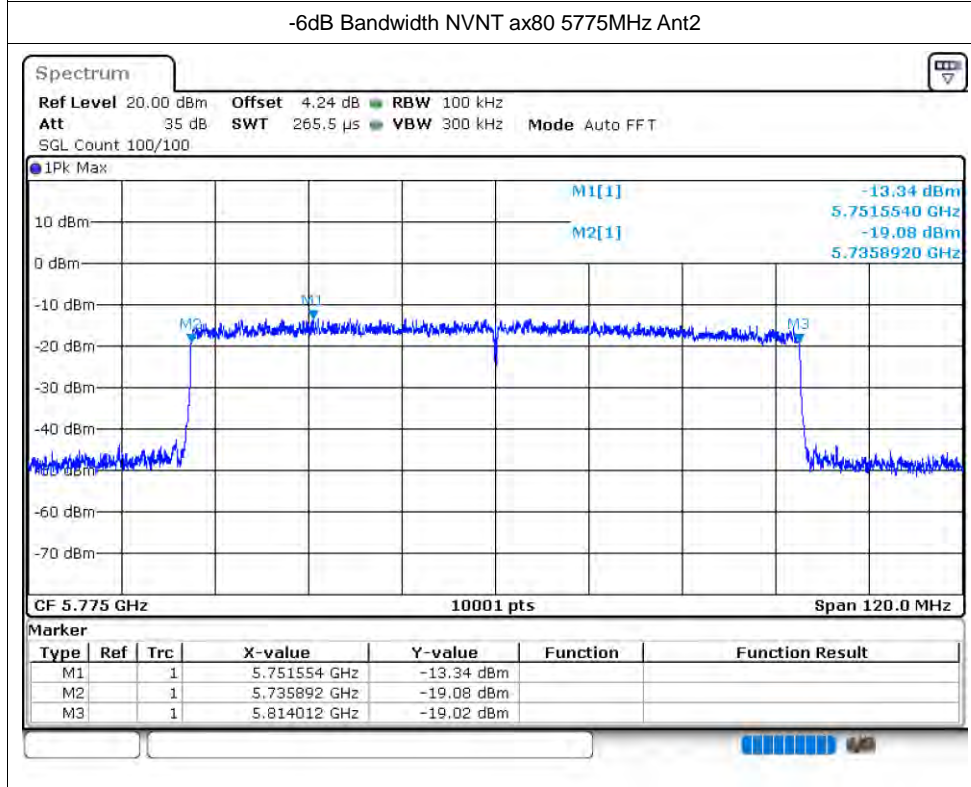
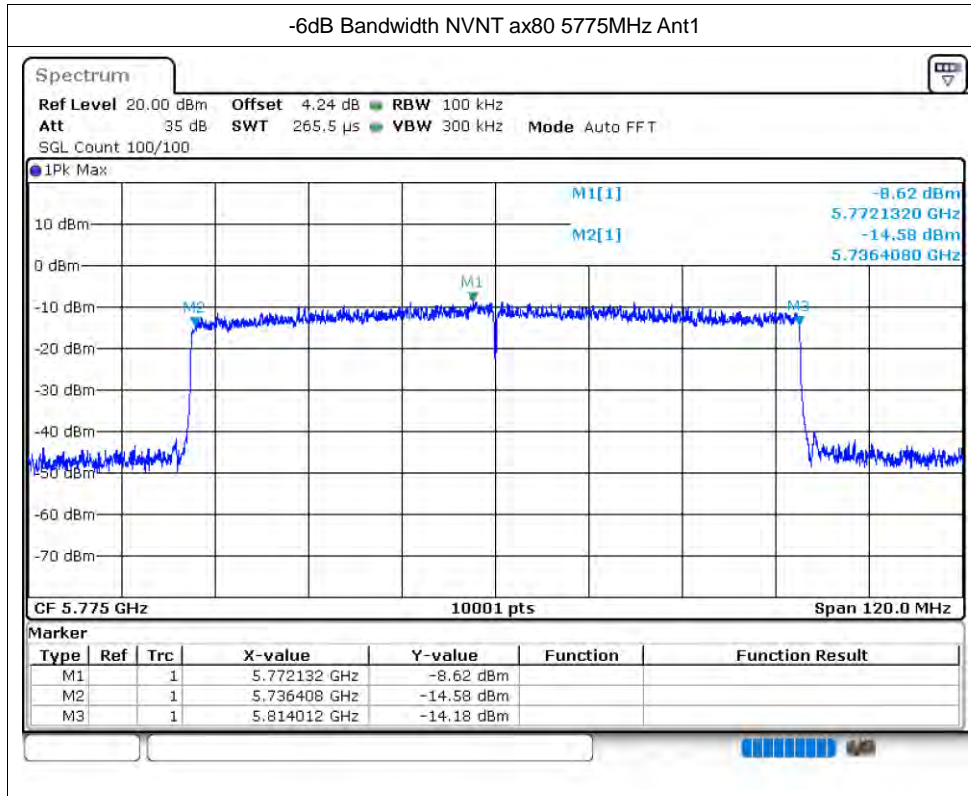


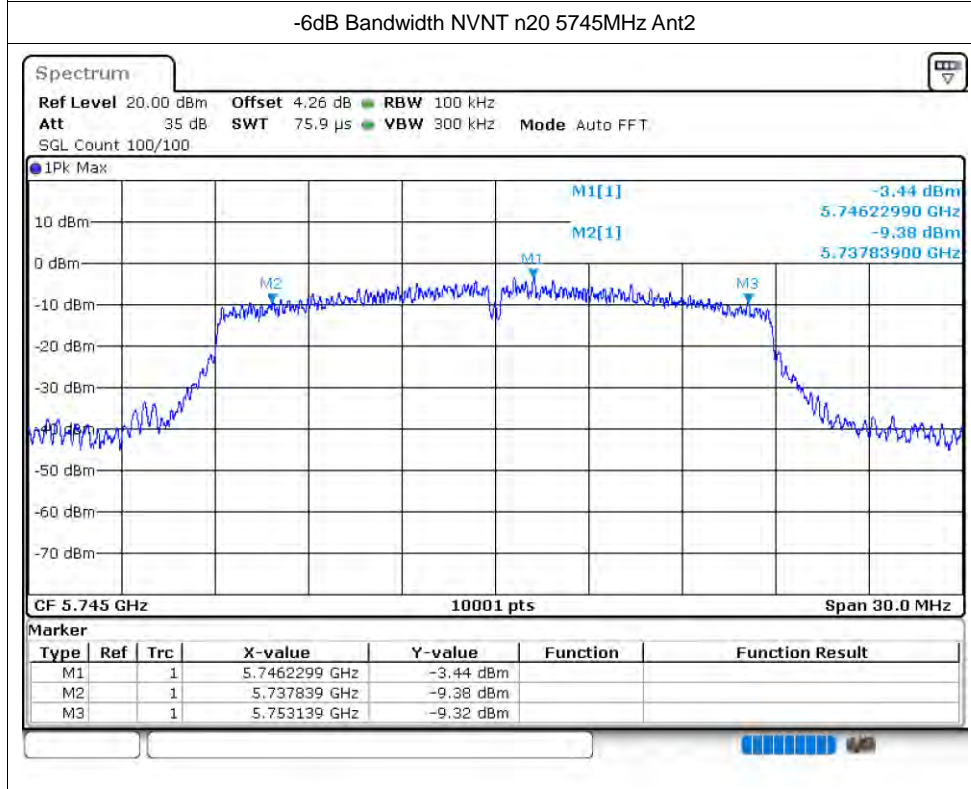
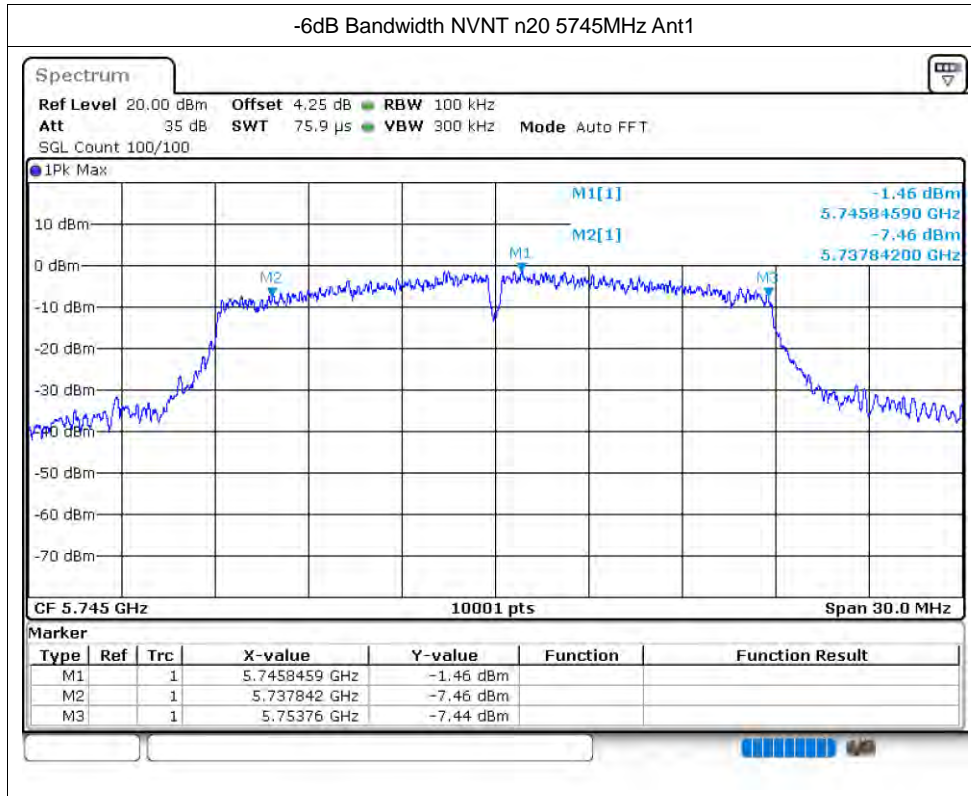




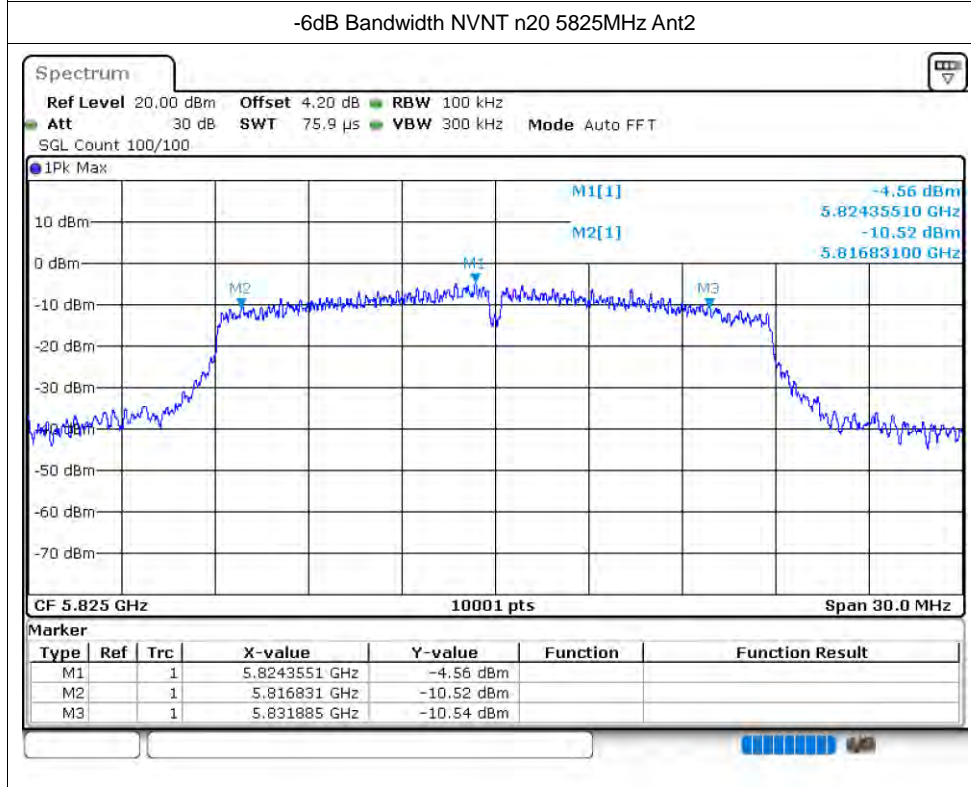
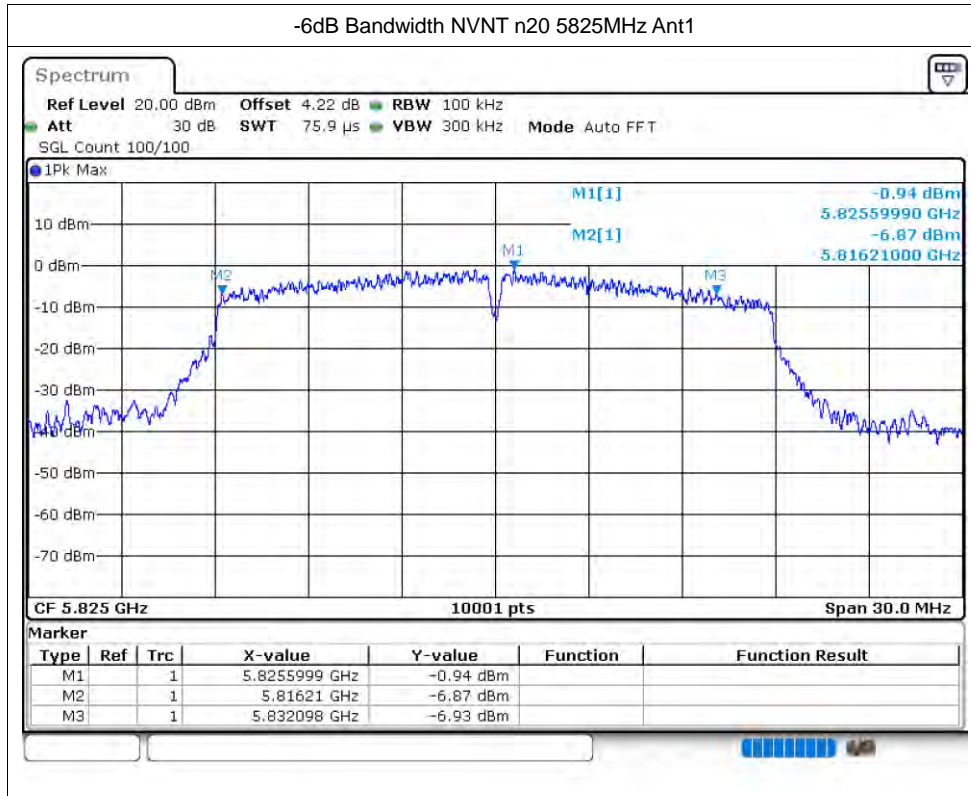


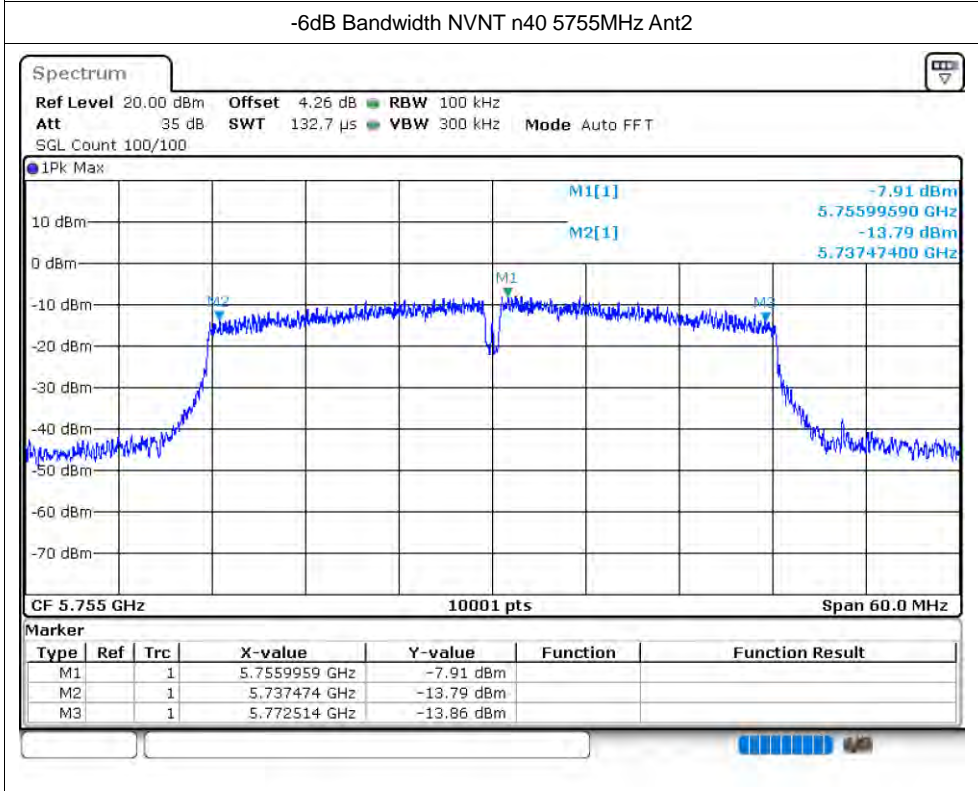
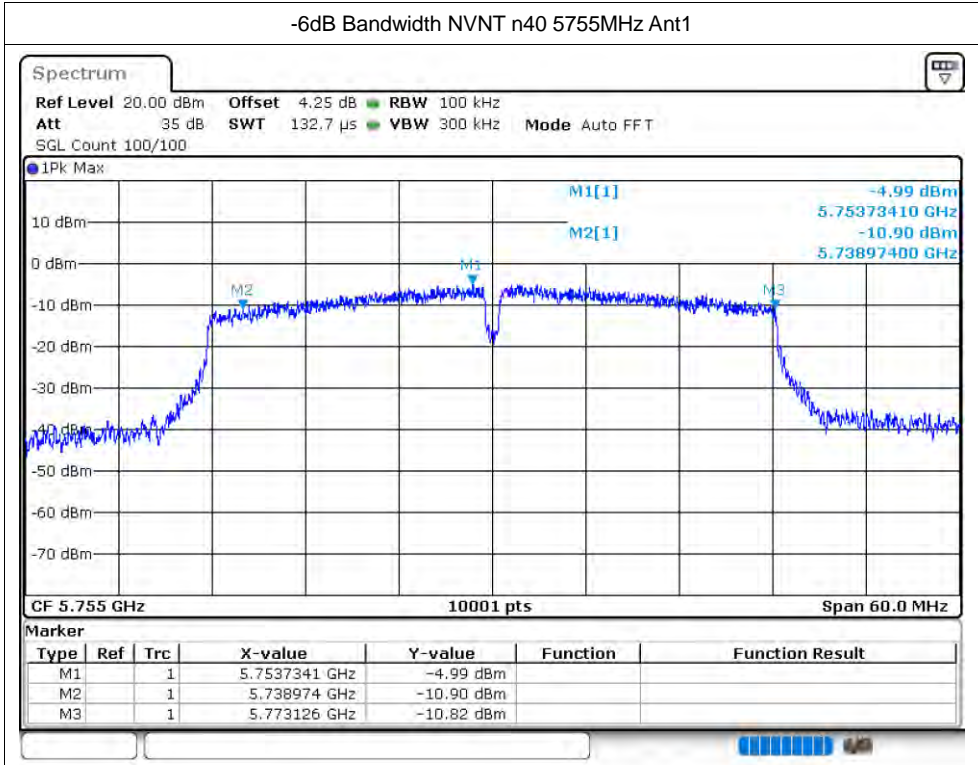


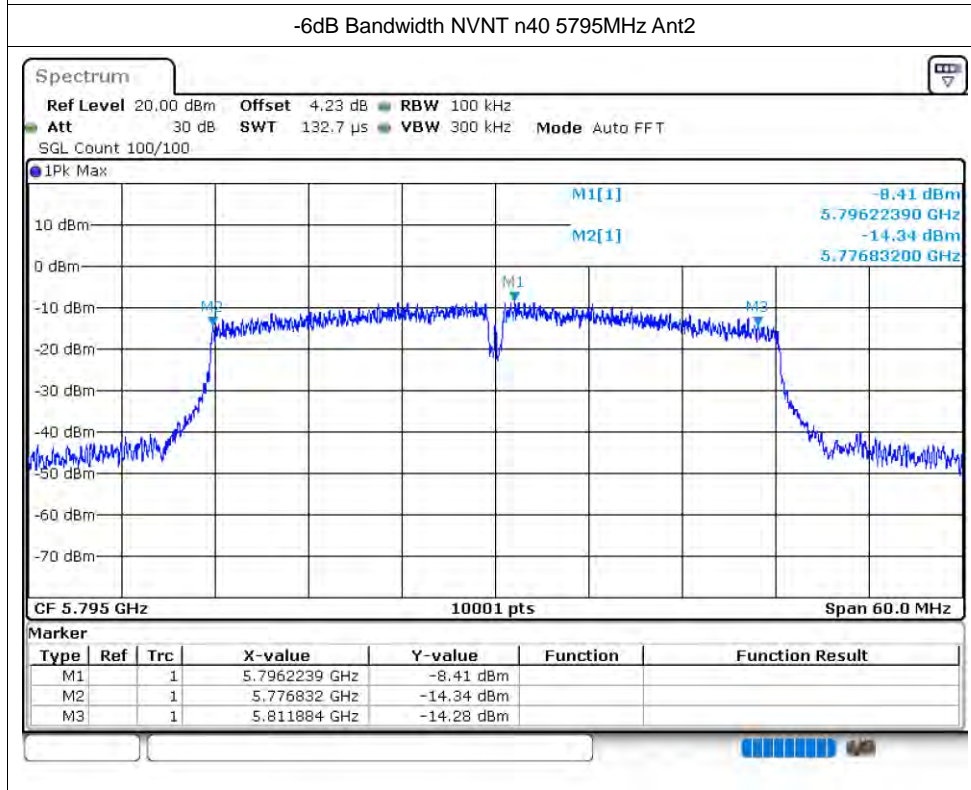
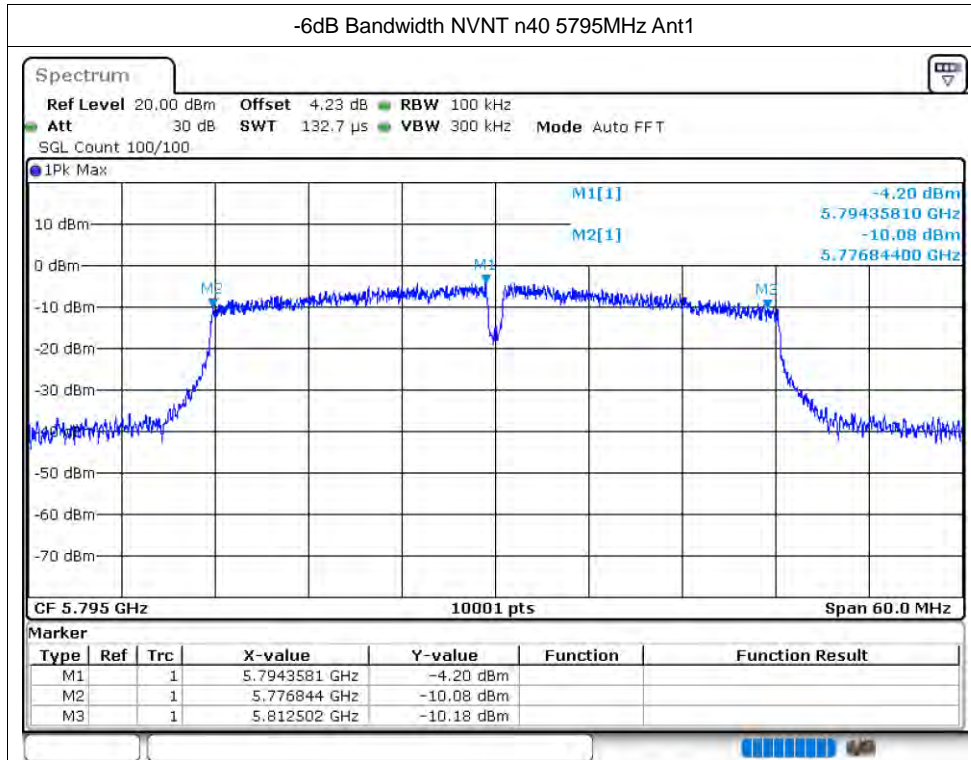












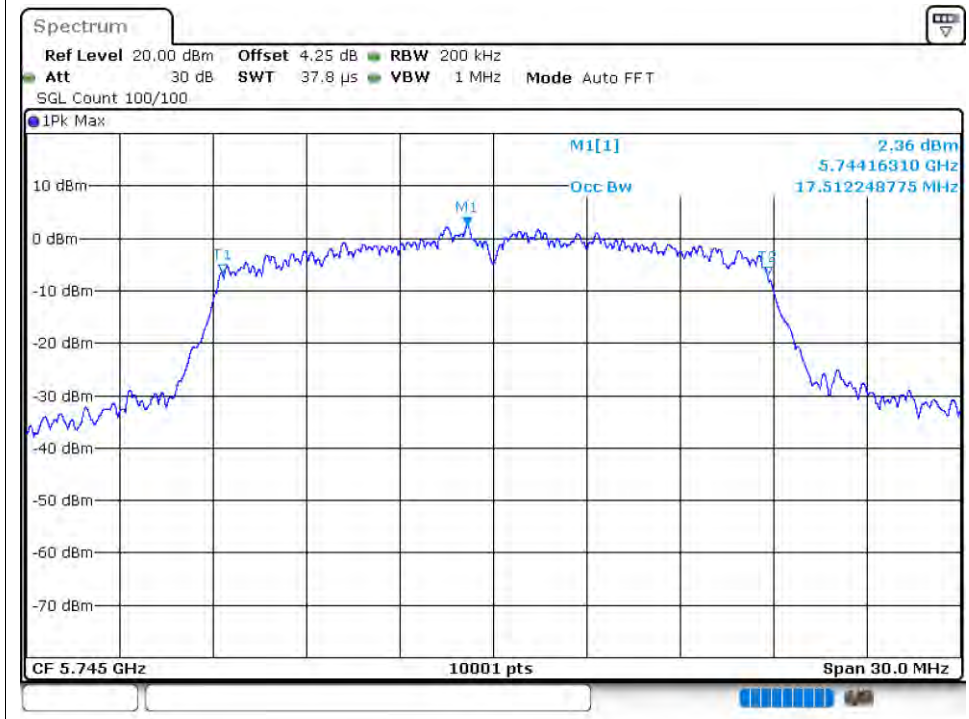
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5745	Ant1	17.512
NVNT	ac20	5745	Ant2	17.512
NVNT	ac20	5785	Ant1	17.509
NVNT	ac20	5785	Ant2	17.479
NVNT	ac20	5825	Ant1	17.473
NVNT	ac20	5825	Ant2	17.509
NVNT	ac40	5755	Ant1	35.93
NVNT	ac40	5755	Ant2	35.882
NVNT	ac40	5795	Ant1	35.99
NVNT	ac40	5795	Ant2	35.894
NVNT	ac80	5775	Ant1	75.412
NVNT	ac80	5775	Ant2	75.52
NVNT	ax20	5745	Ant1	18.745
NVNT	ax20	5745	Ant2	18.766
NVNT	ax20	5785	Ant1	18.775
NVNT	ax20	5785	Ant2	18.745
NVNT	ax20	5825	Ant1	18.742
NVNT	ax20	5825	Ant2	18.748
NVNT	ax40	5755	Ant1	37.448
NVNT	ax40	5755	Ant2	37.49
NVNT	ax40	5795	Ant1	37.532
NVNT	ax40	5795	Ant2	37.508
NVNT	ax80	5775	Ant1	77.008
NVNT	ax80	5775	Ant2	77.152
NVNT	n20	5745	Ant1	17.524
NVNT	n20	5745	Ant2	17.497
NVNT	n20	5785	Ant1	17.476
NVNT	n20	5785	Ant2	17.485
NVNT	n20	5825	Ant1	17.527
NVNT	n20	5825	Ant2	17.584
NVNT	n40	5755	Ant1	35.852
NVNT	n40	5755	Ant2	35.87
NVNT	n40	5795	Ant1	35.978
NVNT	n40	5795	Ant2	35.864

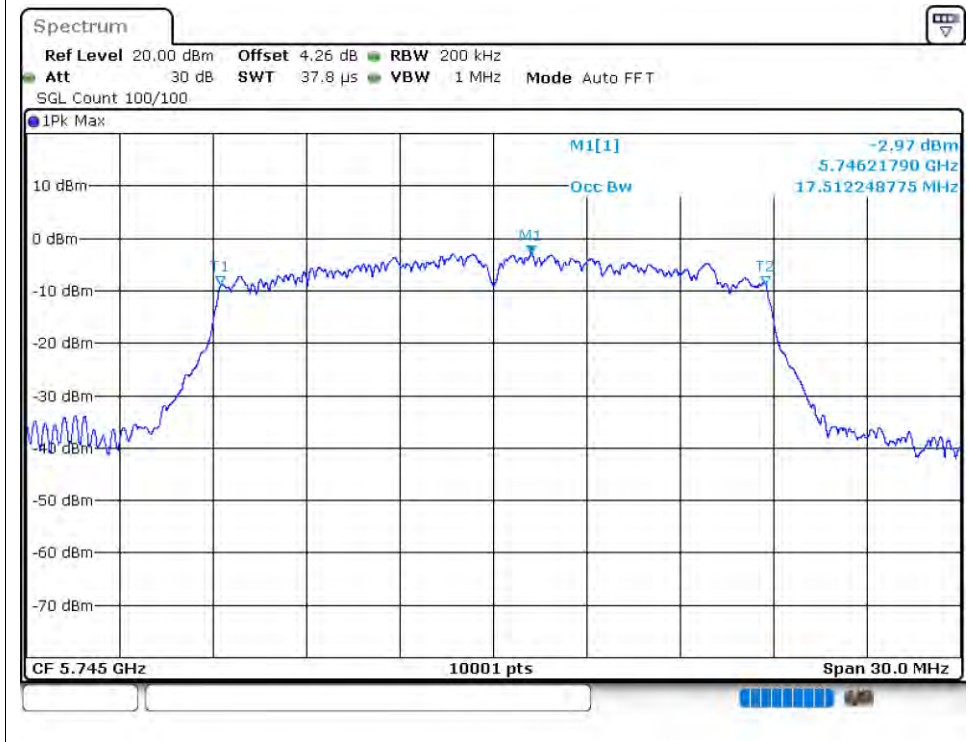


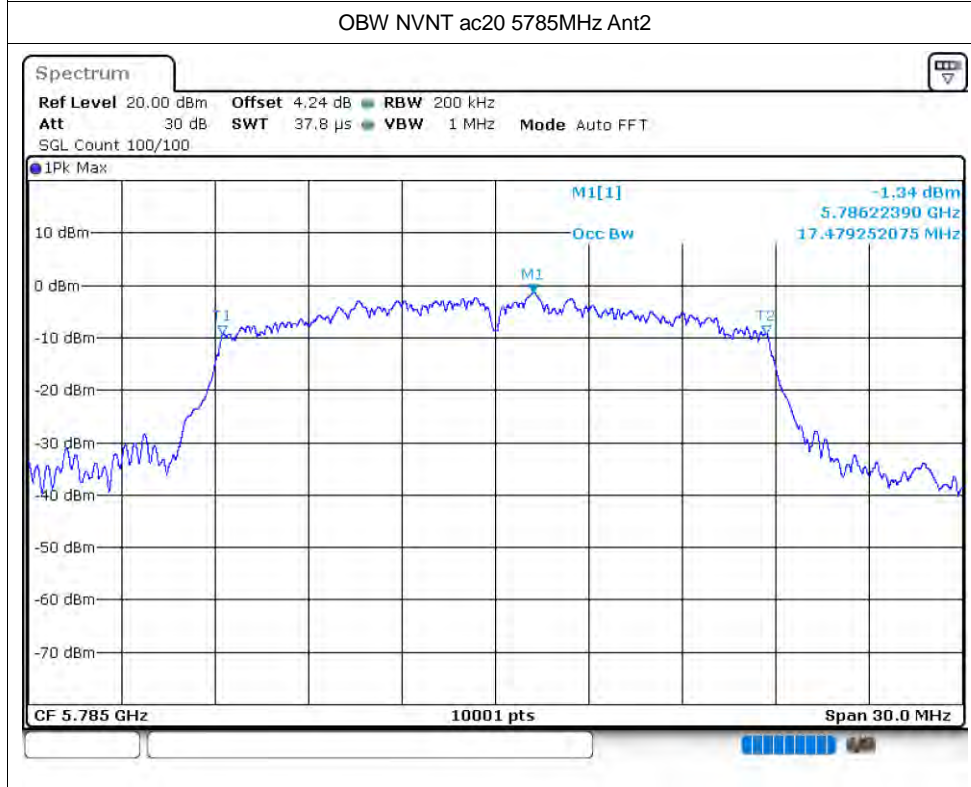
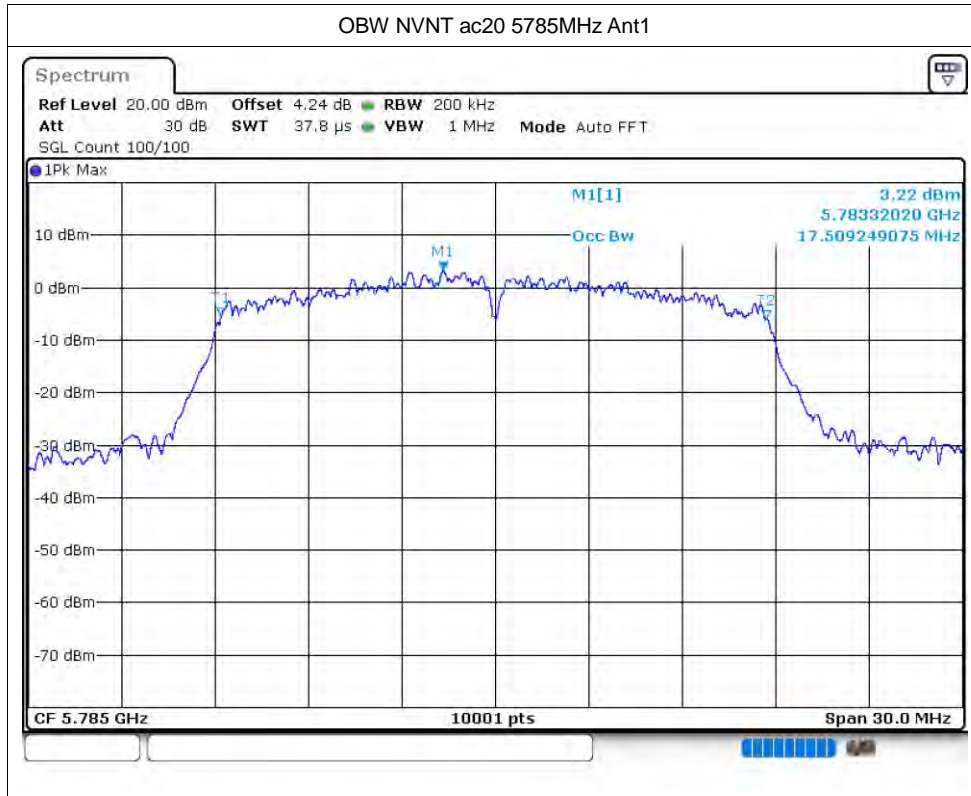
Test Graphs

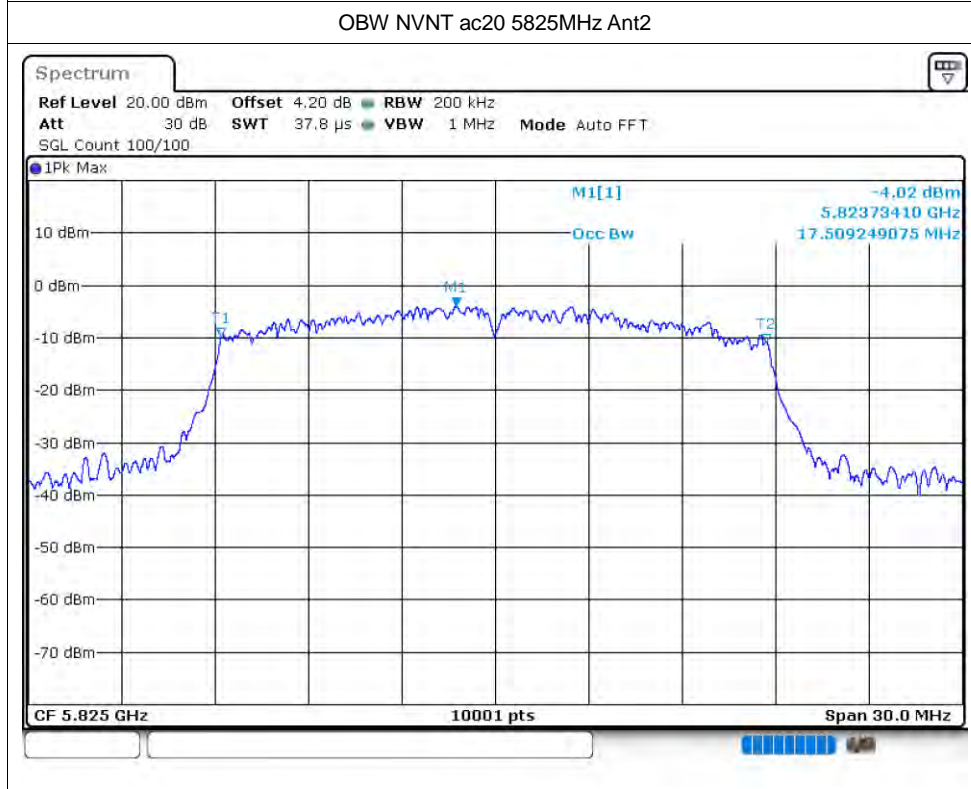
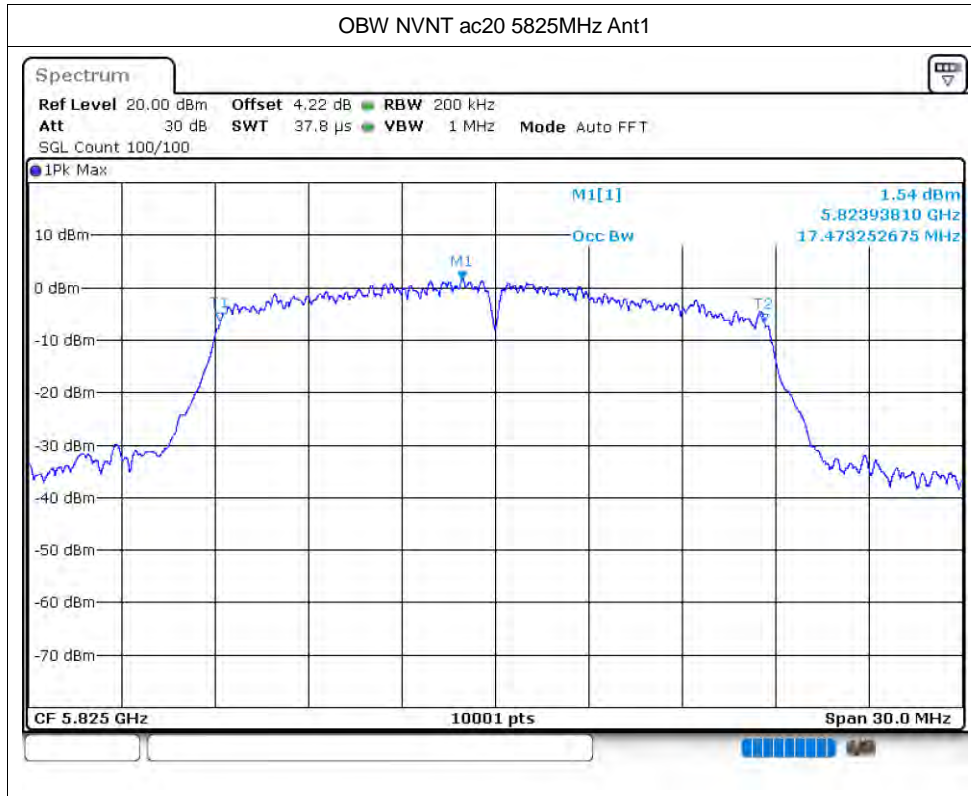
OBW NVNT ac20 5745MHz Ant1

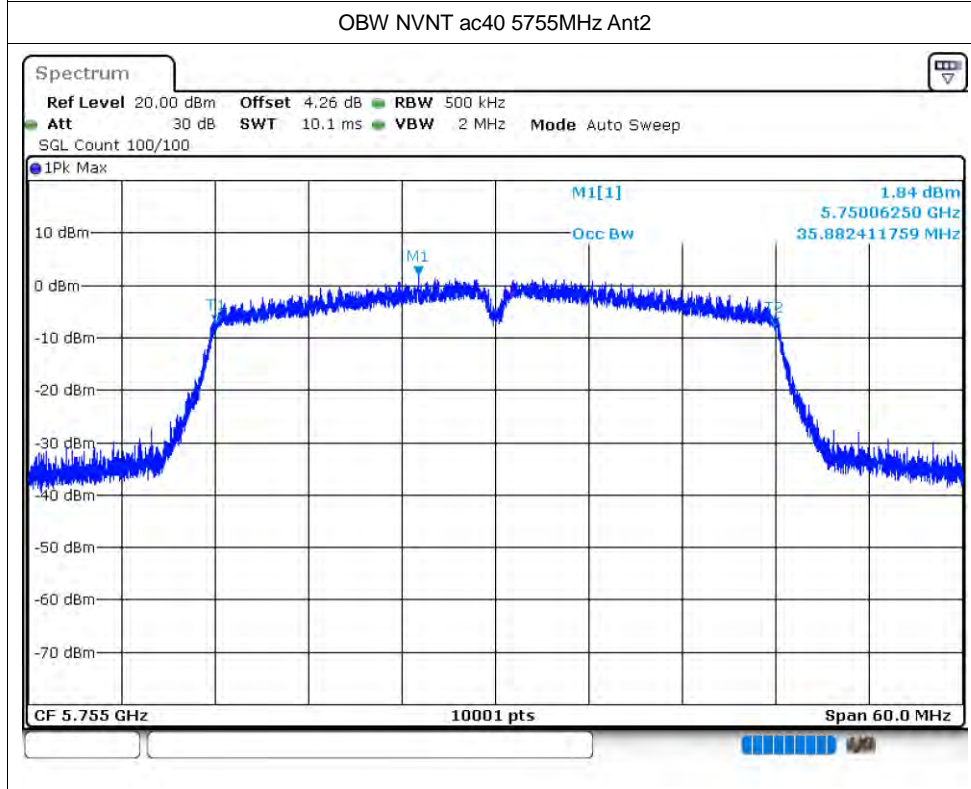
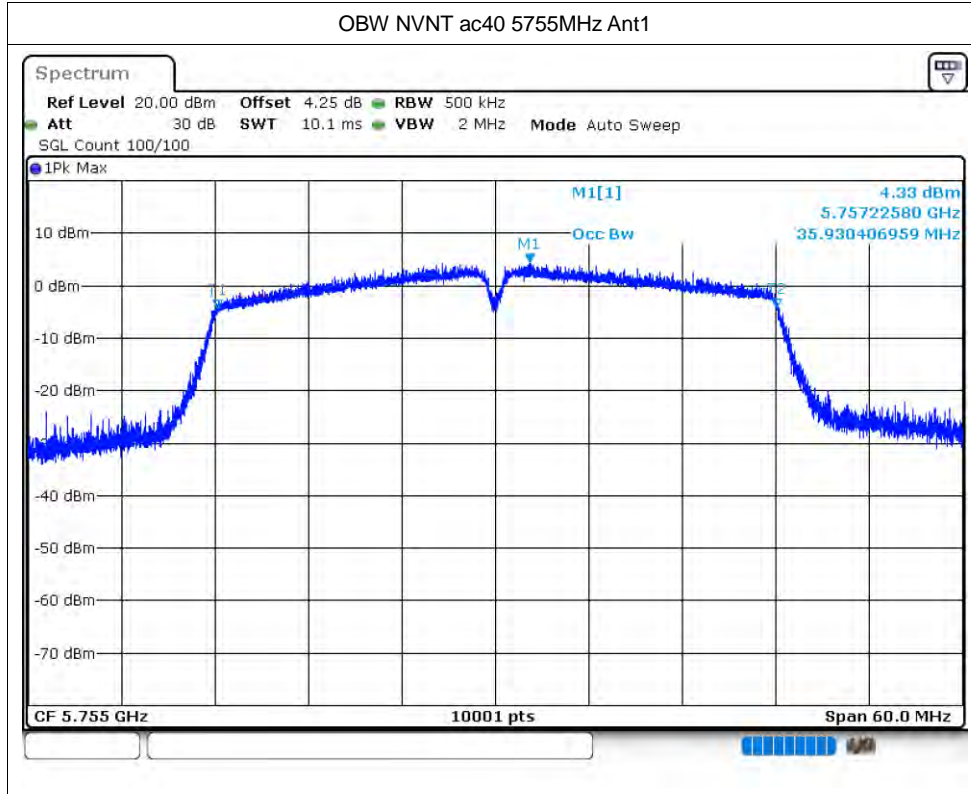


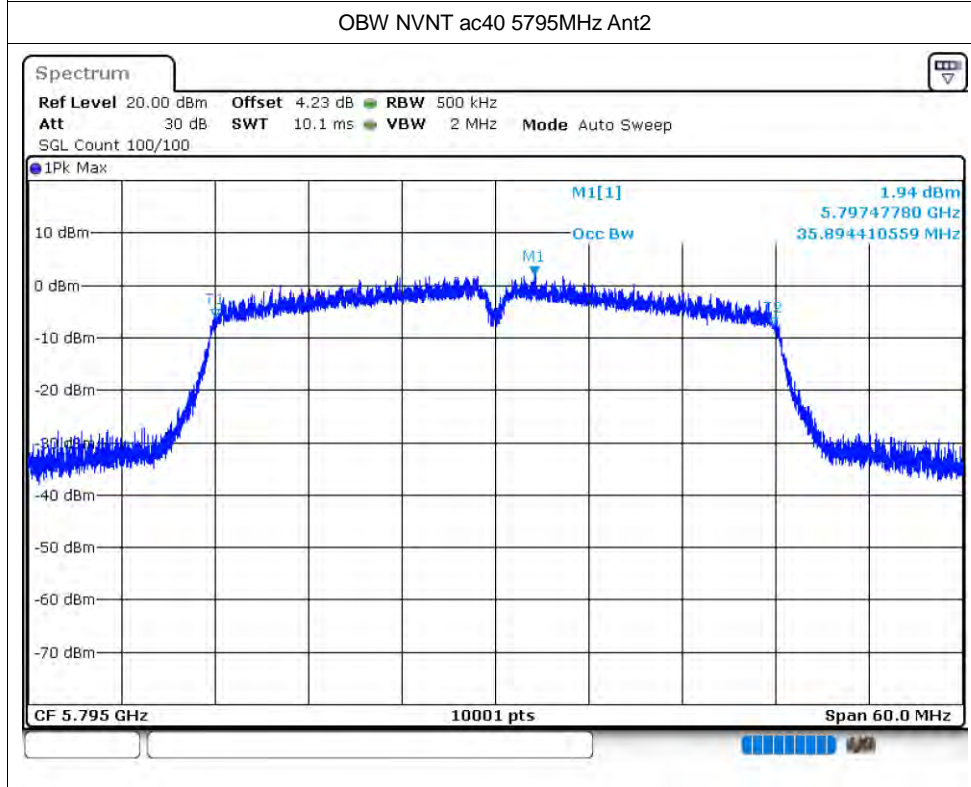
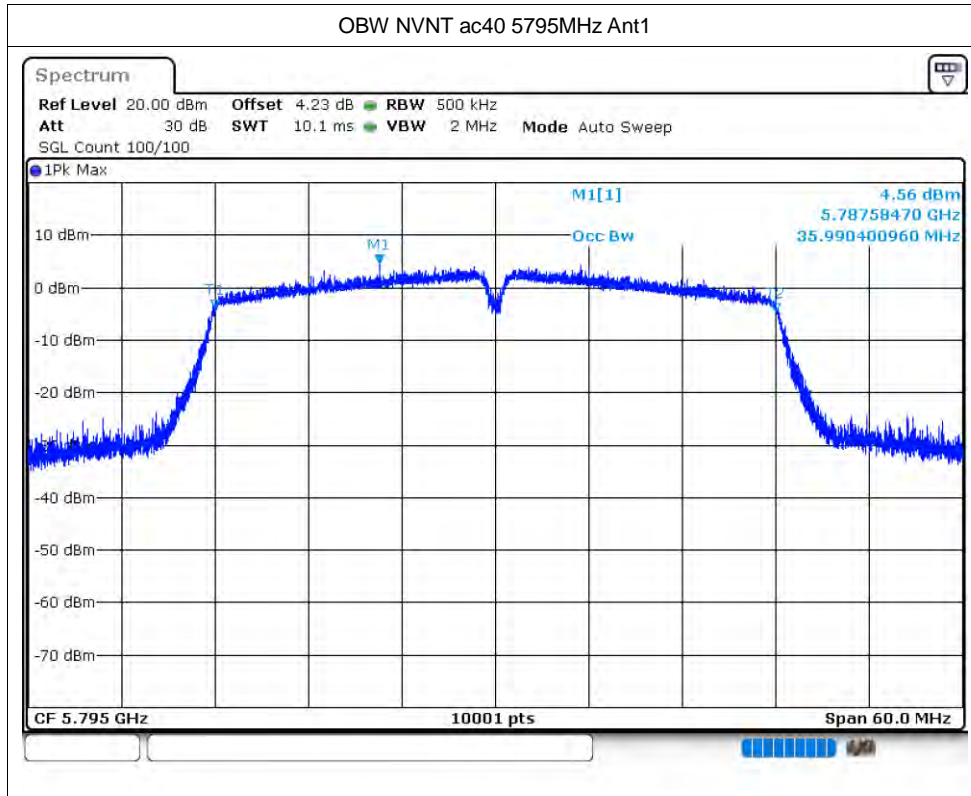
OBW NVNT ac20 5745MHz Ant2

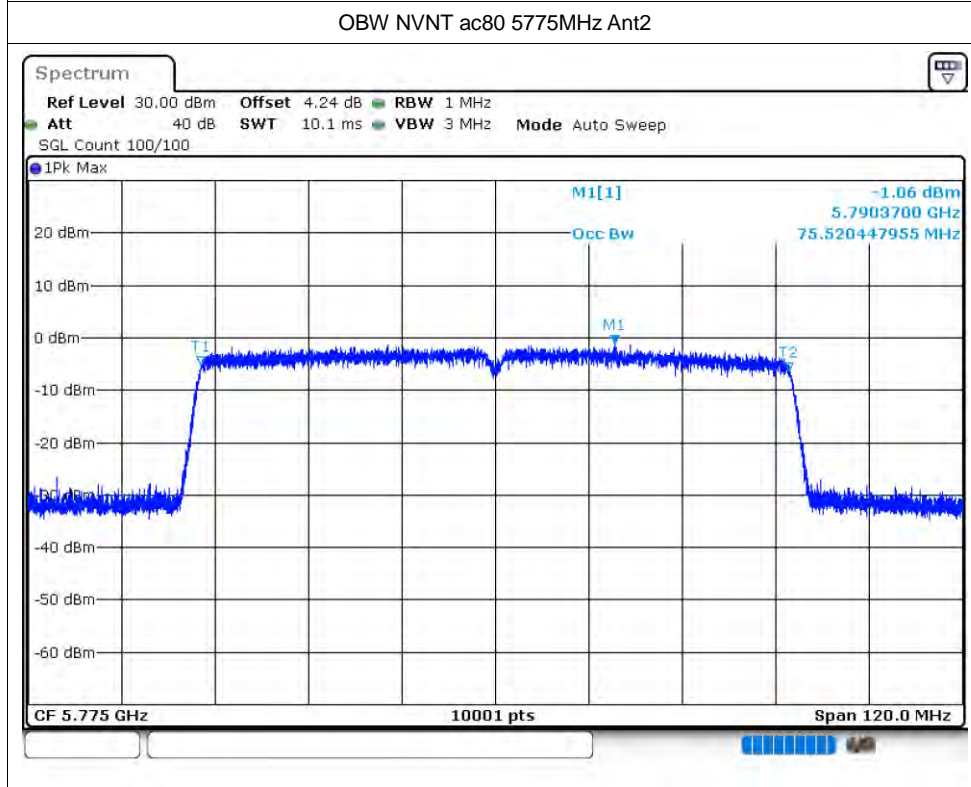
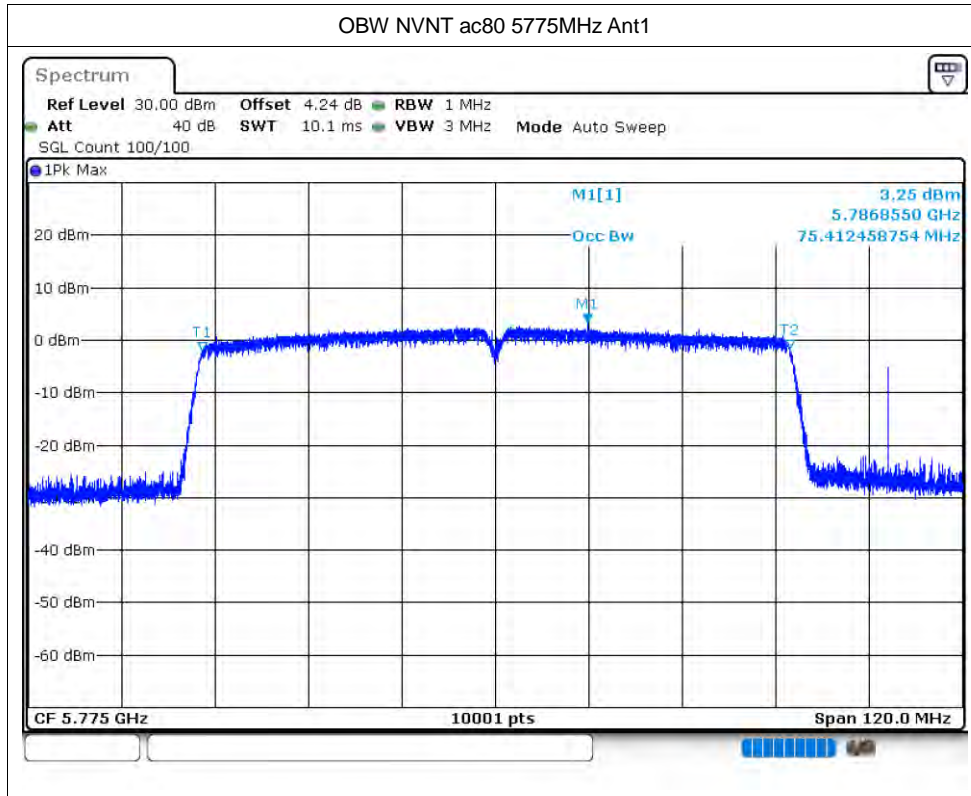


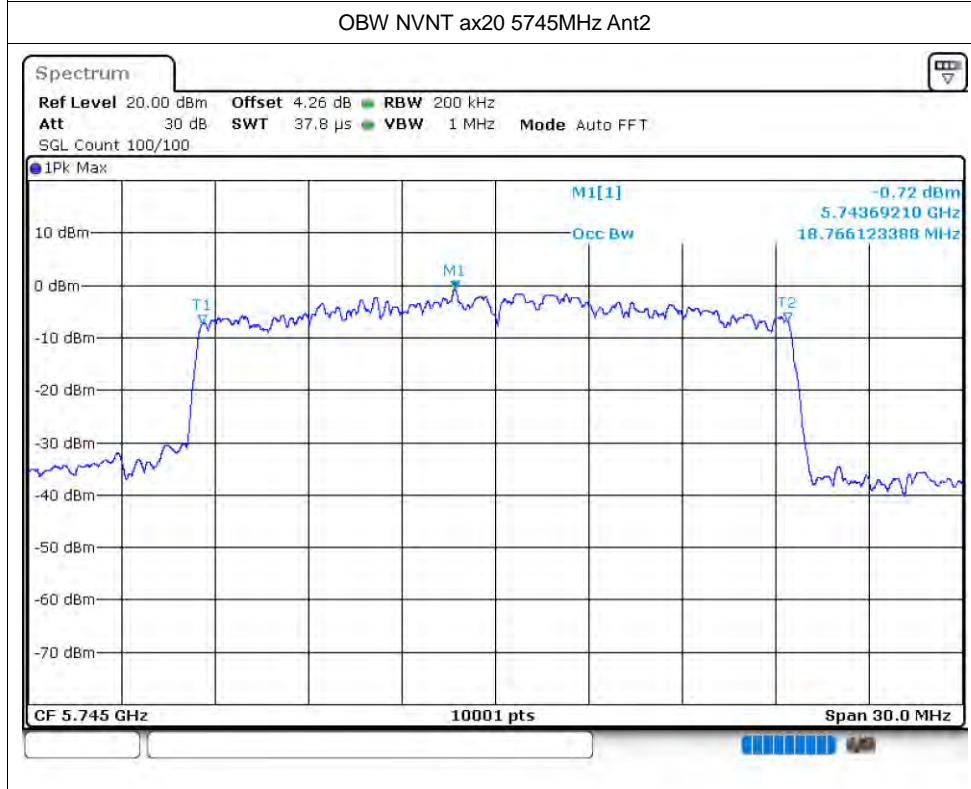
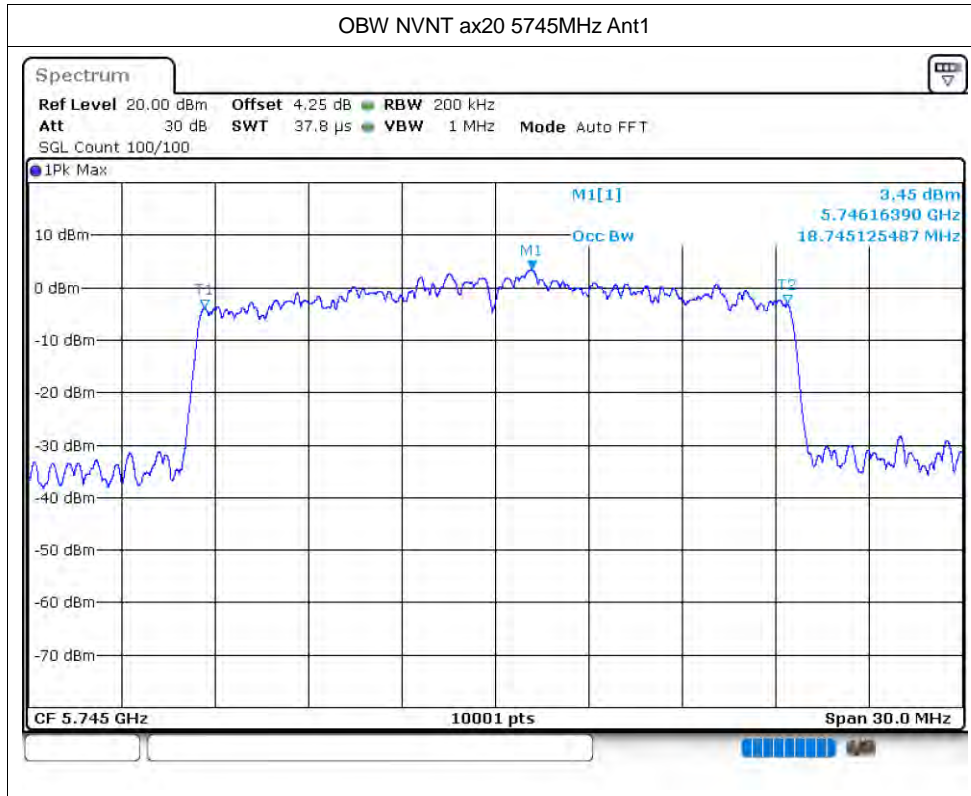


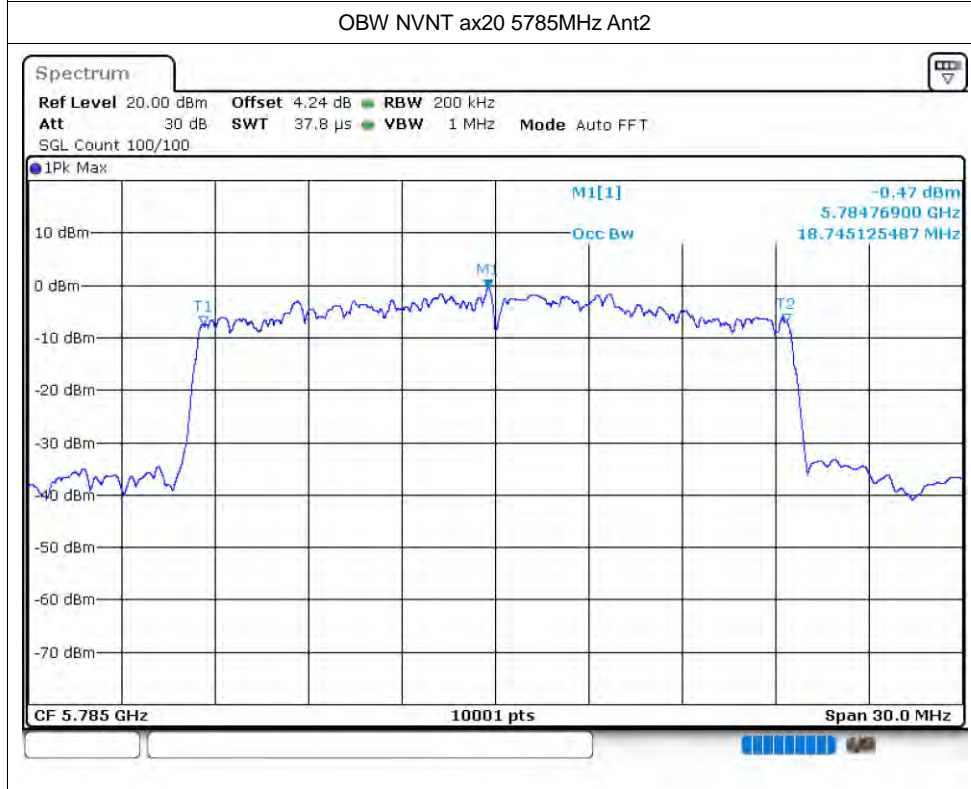
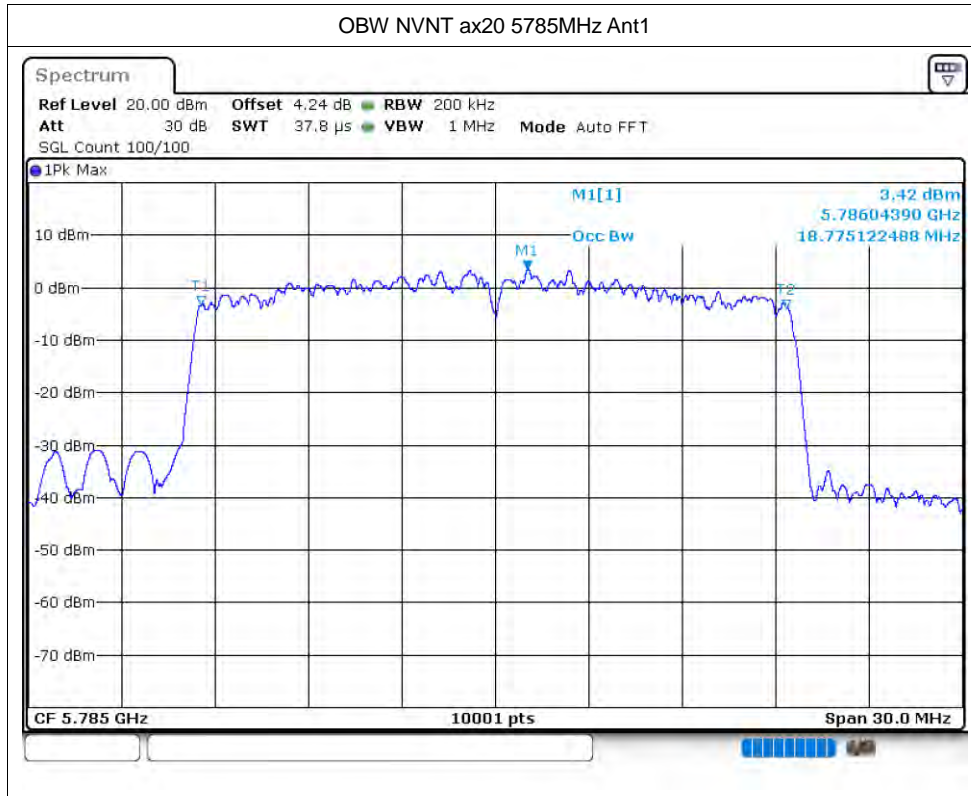




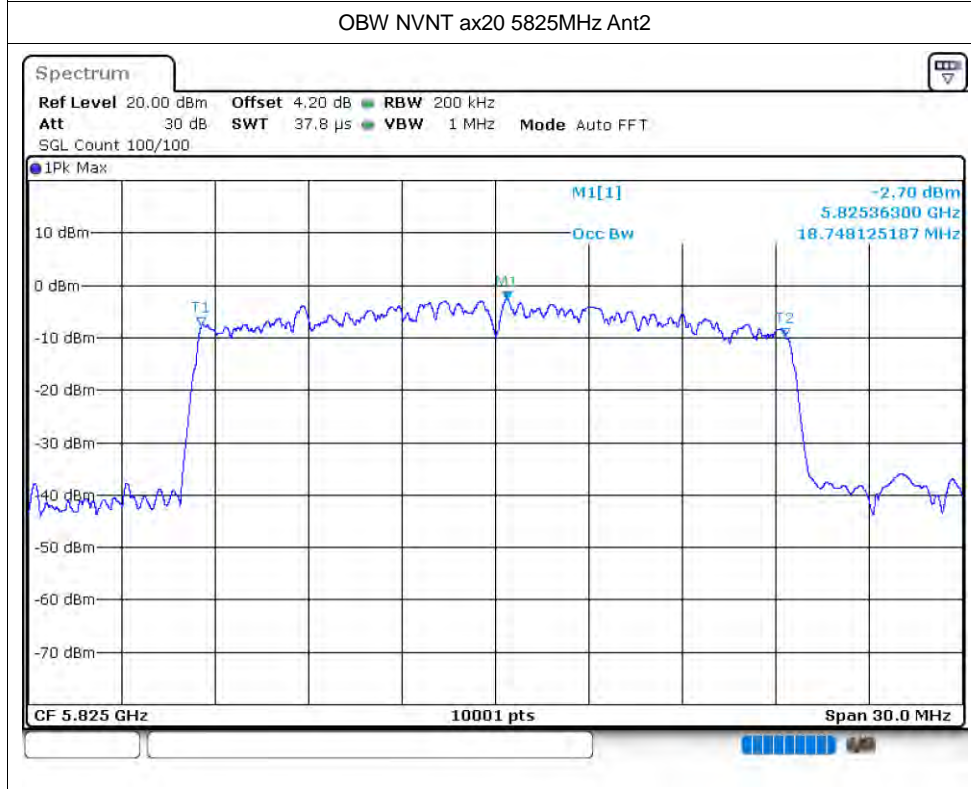
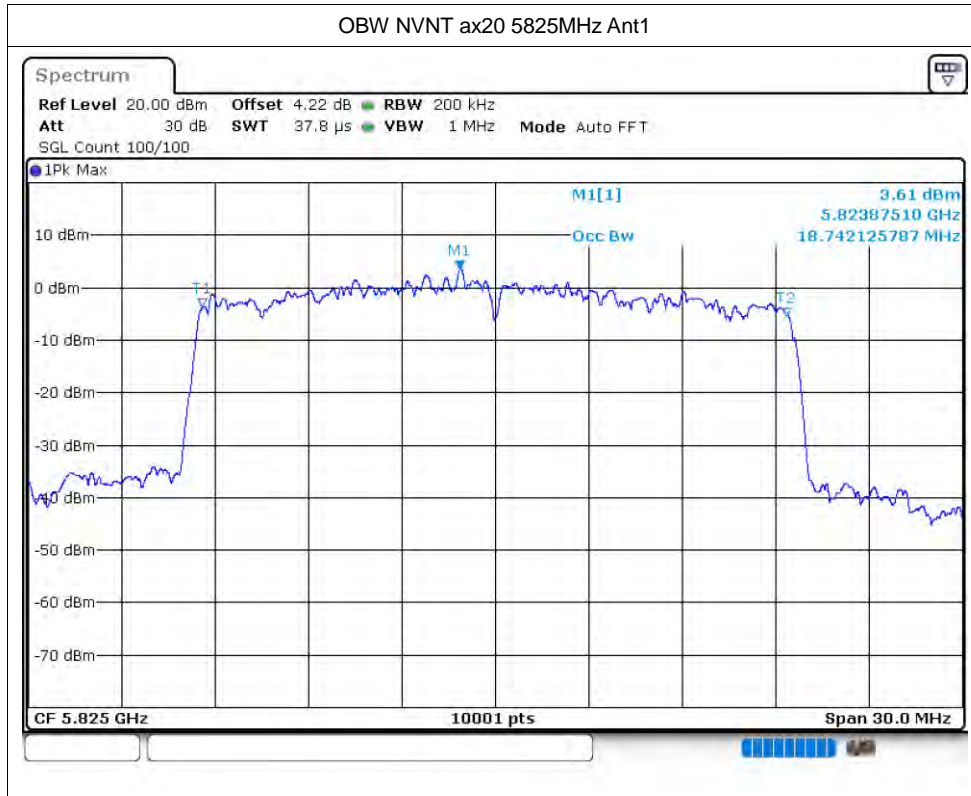


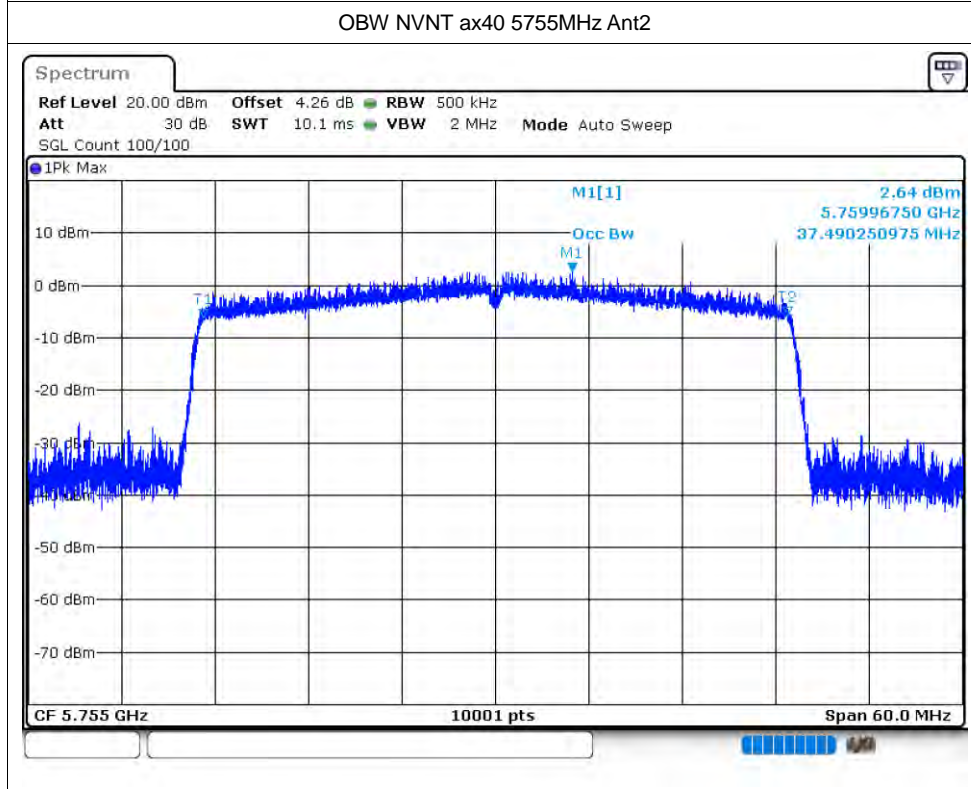
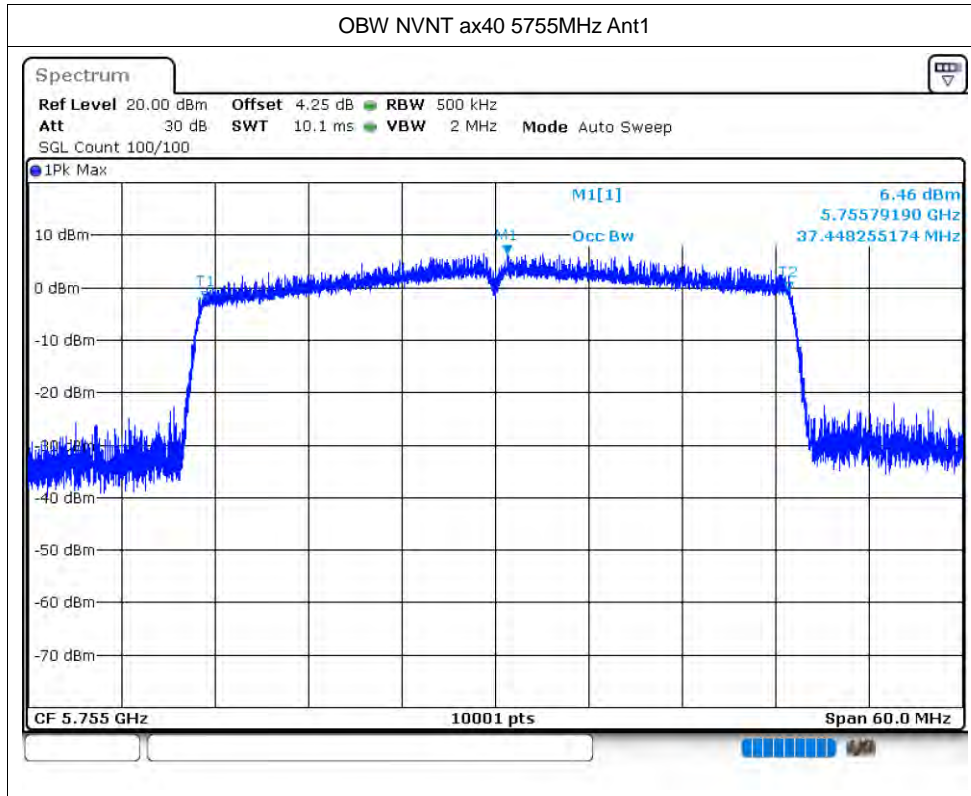


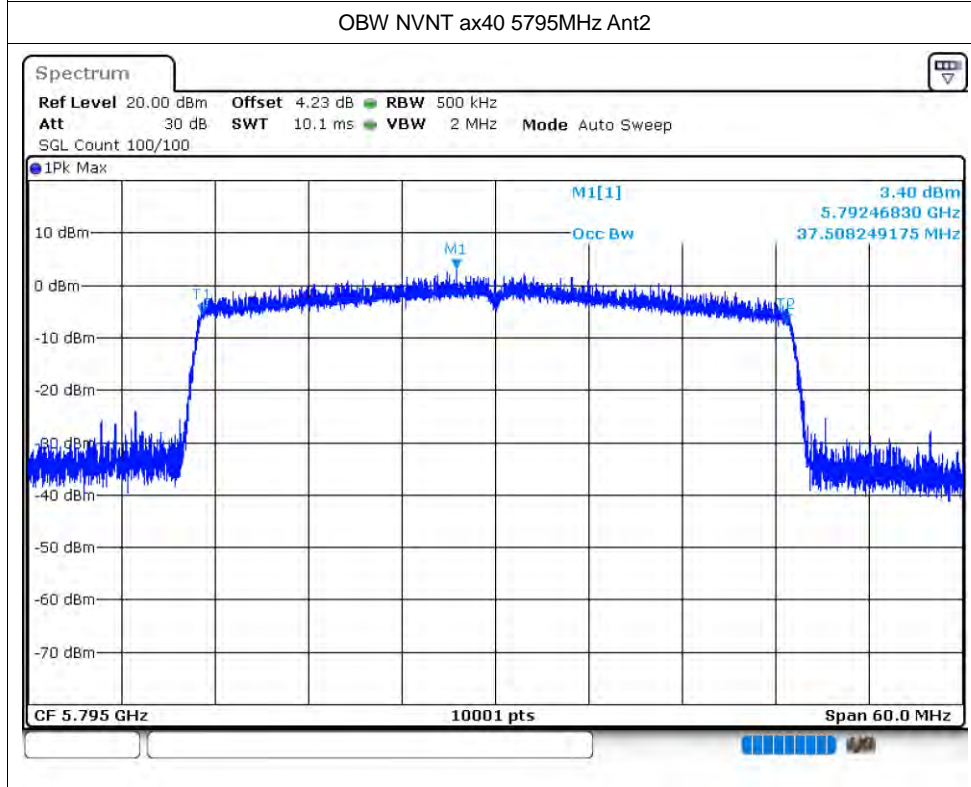
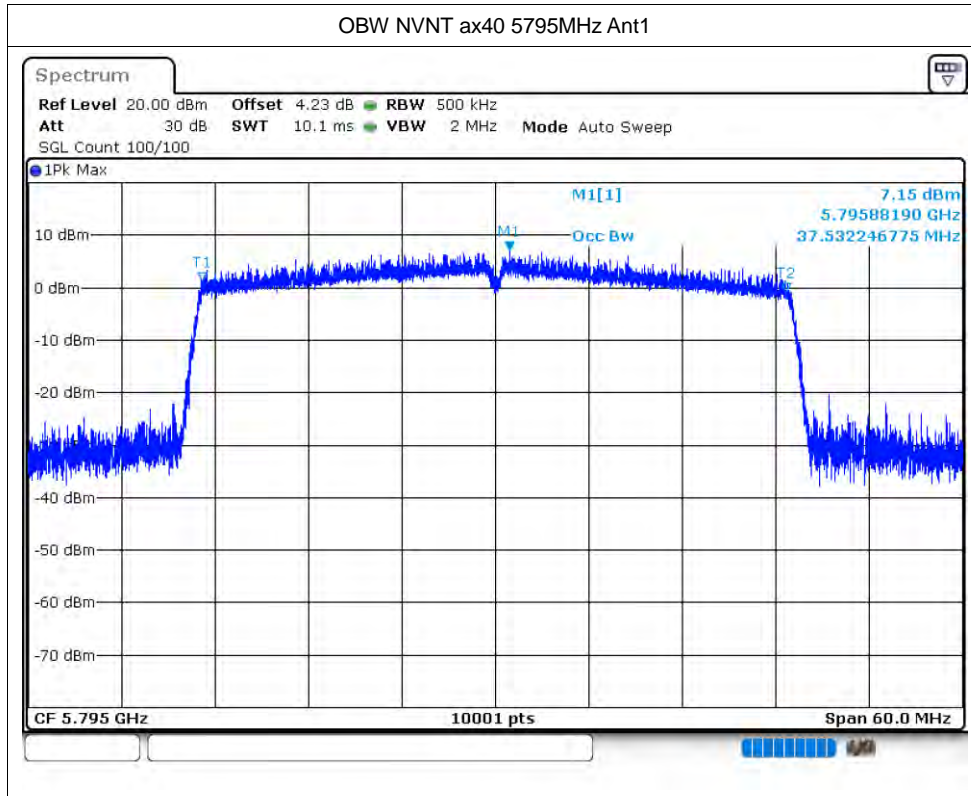


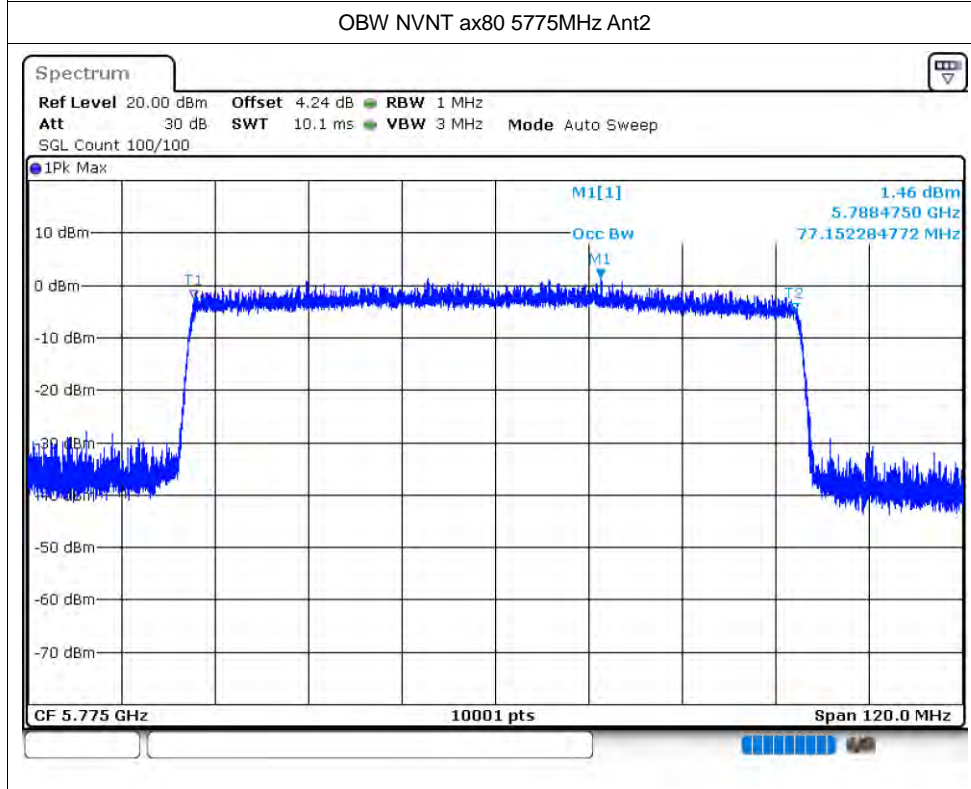
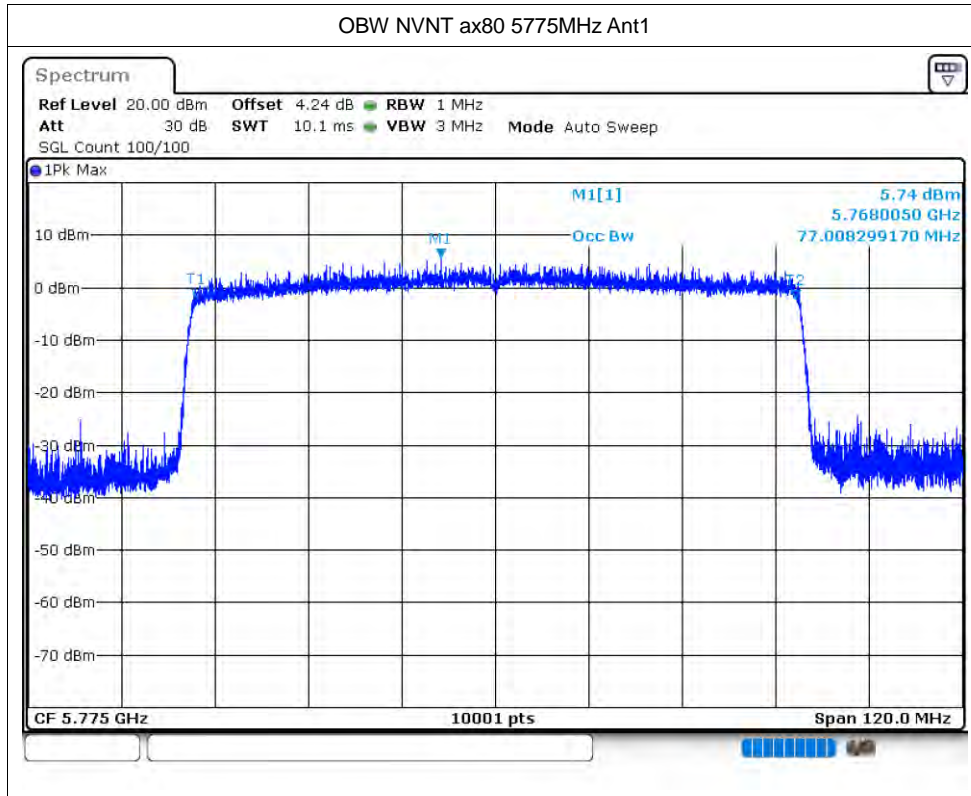


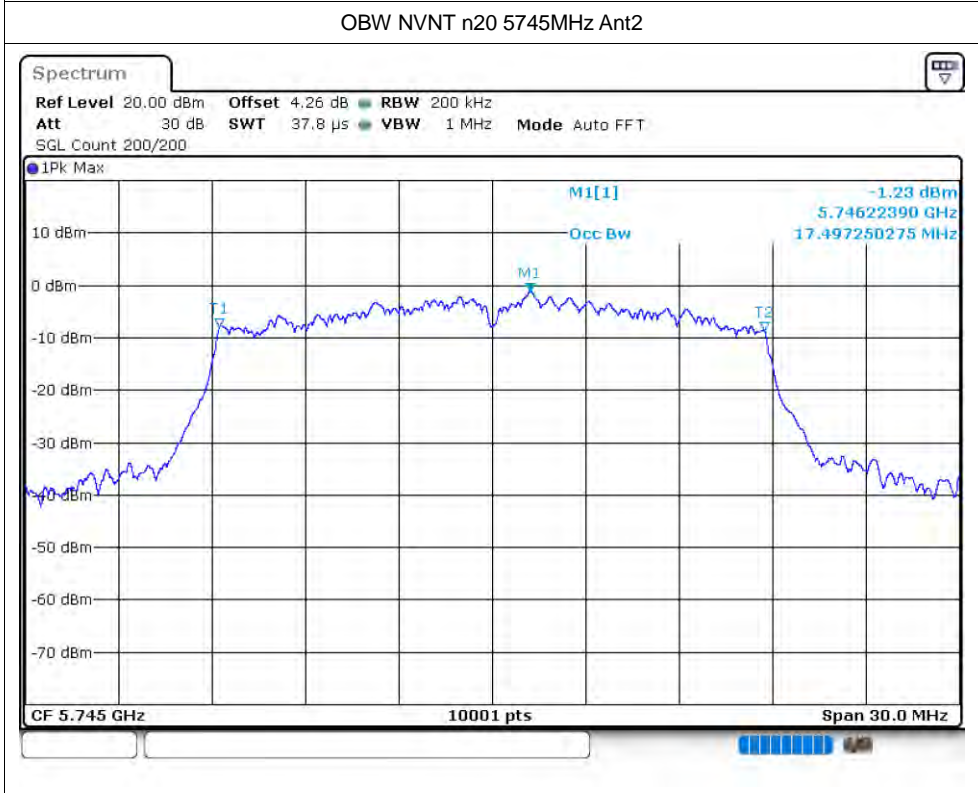
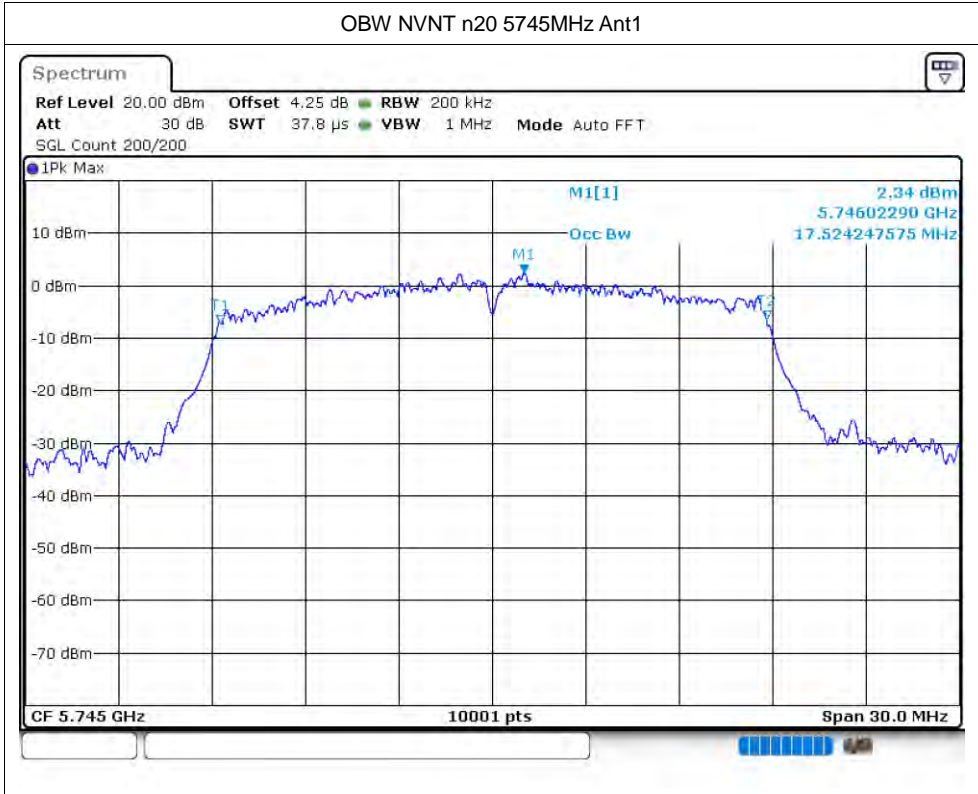


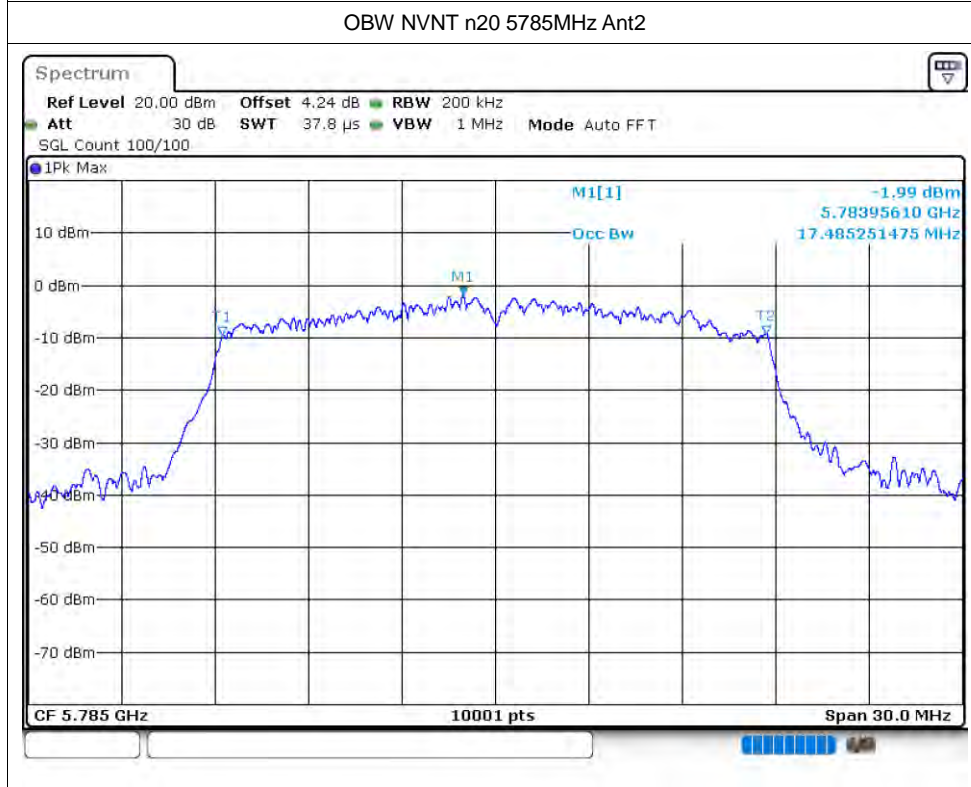
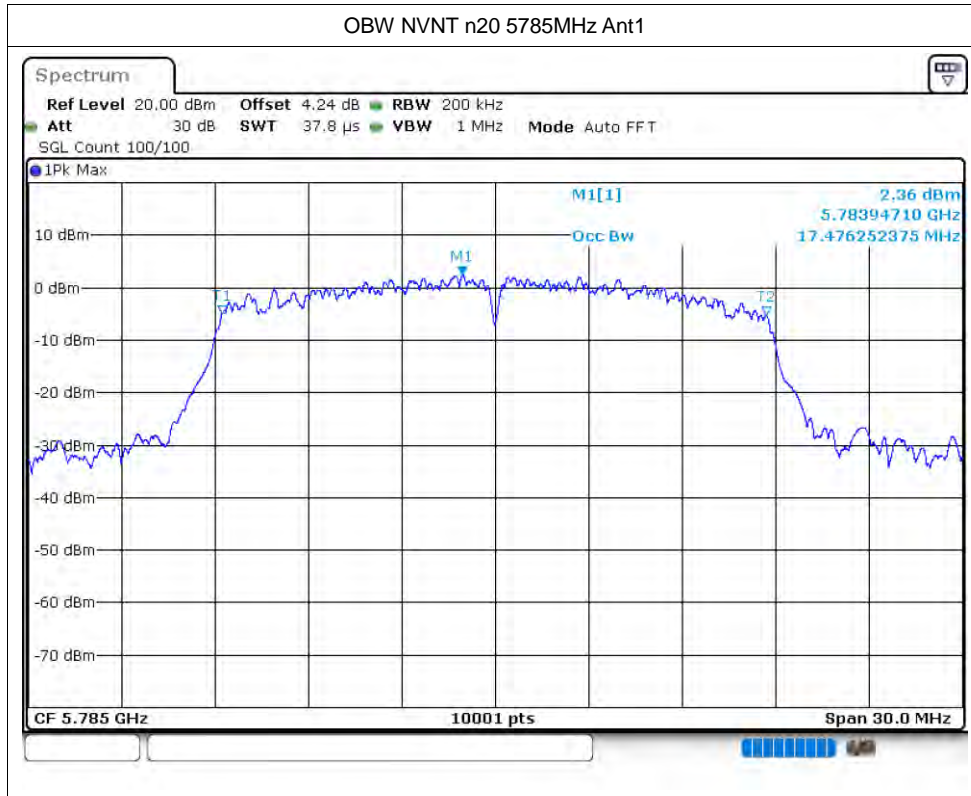


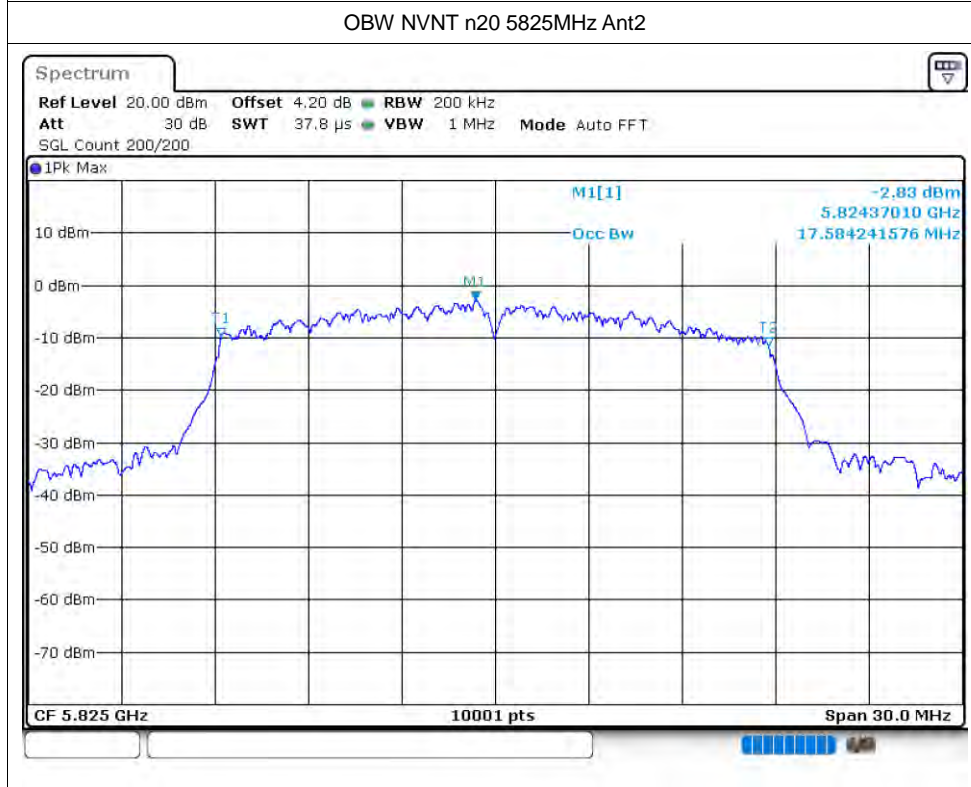
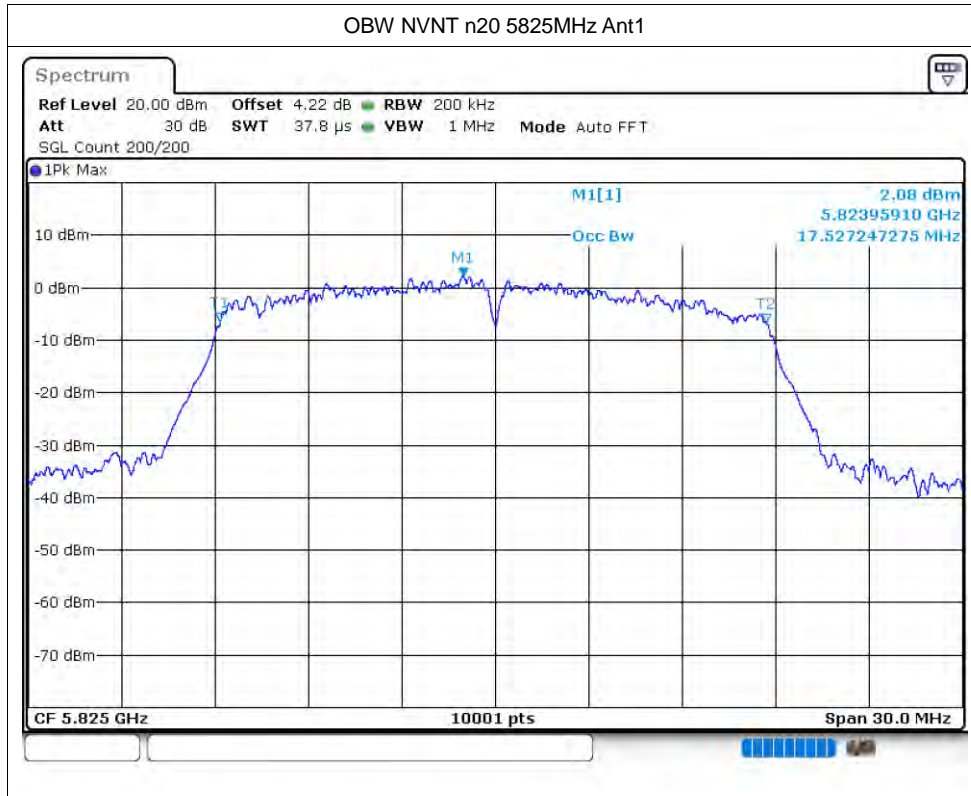


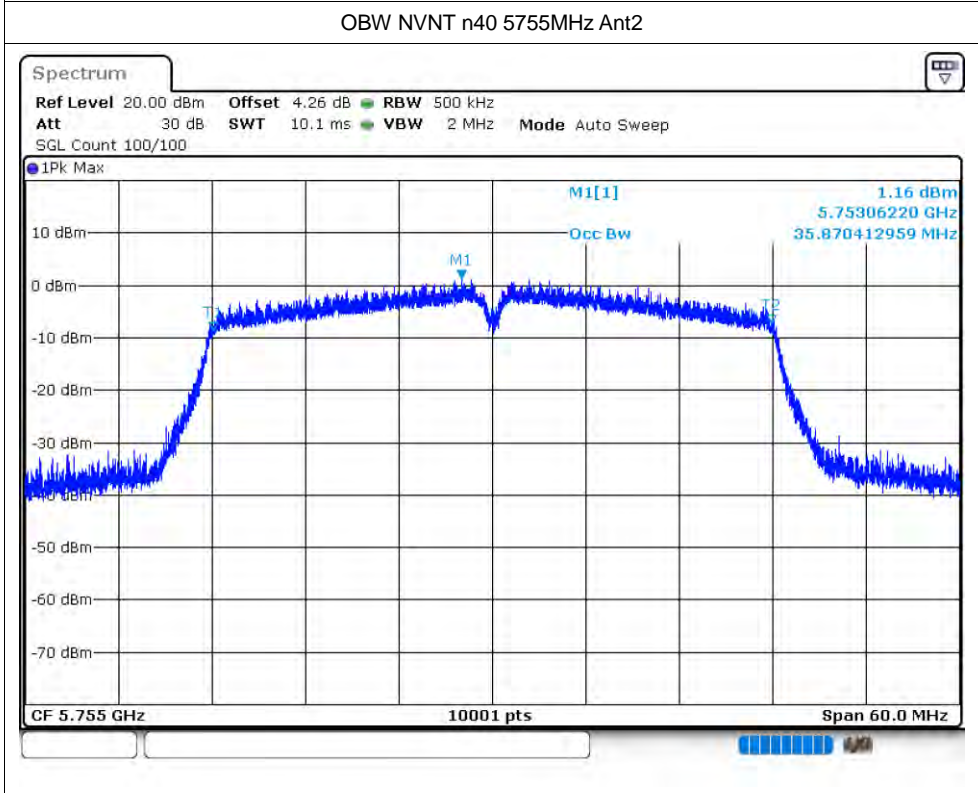
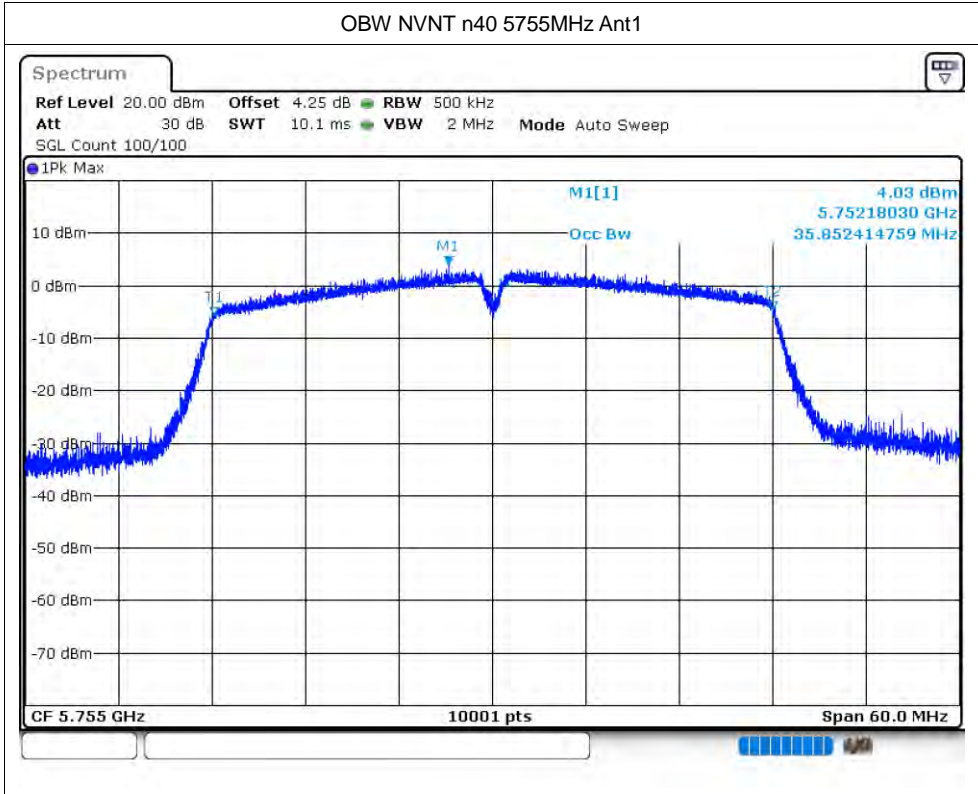




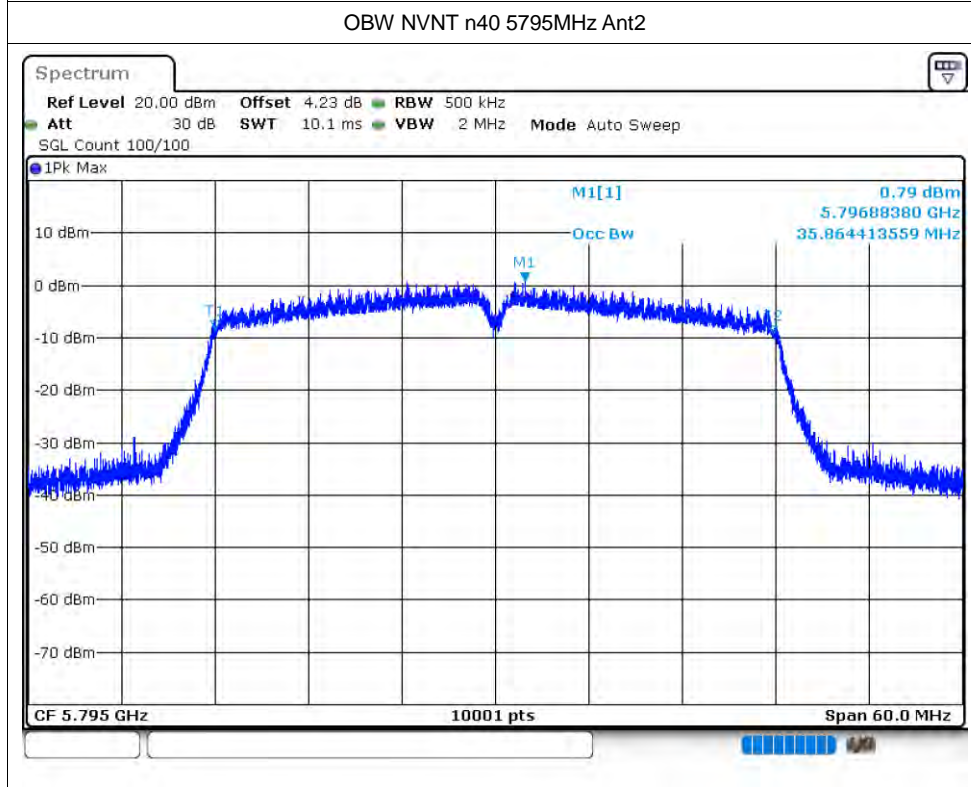
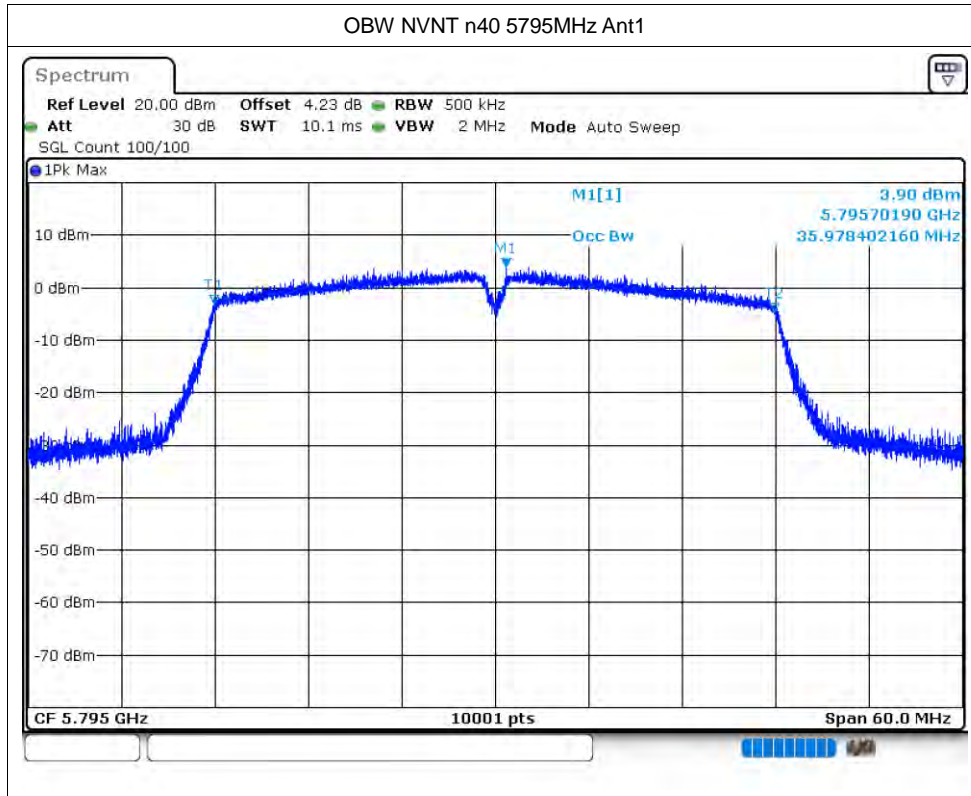












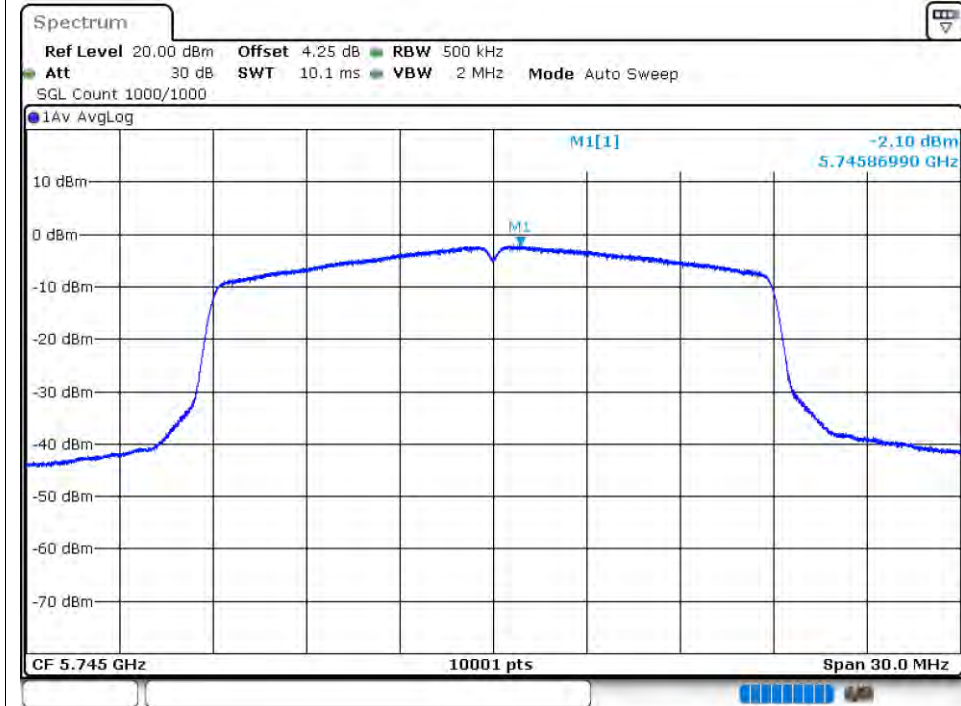
## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	-2.1	0	-2.1	--	Pass
NVNT	ac20	5745	Ant2	-5.79	0	-5.79	--	Pass
NVNT	ac20	5745	Sum	--	--	-0.55	30	Pass
NVNT	ac20	5785	Ant1	-1.55	0	-1.55	--	Pass
NVNT	ac20	5785	Ant2	-5.86	0	-5.86	--	Pass
NVNT	ac20	5785	Sum	--	--	-0.18	30	Pass
NVNT	ac20	5825	Ant1	-2.55	0	-2.55	--	Pass
NVNT	ac20	5825	Ant2	-7.18	0	-7.18	--	Pass
NVNT	ac20	5825	Sum	-1.26	0	-1.26	30	Pass
NVNT	ac40	5755	Ant1	-4.73	0	-4.73	--	Pass
NVNT	ac40	5755	Ant2	-8.69	0	-8.69	--	Pass
NVNT	ac40	5755	Sum	-3.26	0	-3.26	30	Pass
NVNT	ac40	5795	Ant1	-5.44	0	-5.44	--	Pass
NVNT	ac40	5795	Ant2	-9.3	0	-9.3	--	Pass
NVNT	ac40	5795	Sum	-3.94	0	-3.94	30	Pass
NVNT	ac80	5775	Ant1	-10.71	0	-10.71	--	Pass
NVNT	ac80	5775	Ant2	-15.44	0	-15.44	--	Pass
NVNT	ac80	5775	Sum	-9.45	0	-9.45	30	Pass
NVNT	ax20	5745	Ant1	-2.87	0	-2.87	--	Pass
NVNT	ax20	5745	Ant2	-6.44	0	-6.44	--	Pass
NVNT	ax20	5745	Sum	-1.29	0	-1.29	30	Pass
NVNT	ax20	5785	Ant1	-1.72	0	-1.72	--	Pass
NVNT	ax20	5785	Ant2	-6.23	0	-6.23	--	Pass
NVNT	ax20	5785	Sum	-0.4	0	-0.4	30	Pass
NVNT	ax20	5825	Ant1	-2.39	0	-2.39	--	Pass
NVNT	ax20	5825	Ant2	-7.16	0	-7.16	--	Pass
NVNT	ax20	5825	Sum	-1.14	0	-1.14	30	Pass
NVNT	ax40	5755	Ant1	-5.49	0	-5.49	--	Pass
NVNT	ax40	5755	Ant2	-9.65	0	-9.65	--	Pass
NVNT	ax40	5755	Sum	-4.08	0	-4.08	30	Pass
NVNT	ax40	5795	Ant1	-5.33	0	-5.33	--	Pass
NVNT	ax40	5795	Ant2	-9.91	0	-9.91	--	Pass
NVNT	ax40	5795	Sum	-4.03	0	-4.03	30	Pass
NVNT	ax80	5775	Ant1	-10.72	0	-10.72	--	Pass
NVNT	ax80	5775	Ant2	-15.08	0	-15.08	--	Pass
NVNT	ax80	5775	Sum	-9.36	0	-9.36	30	Pass
NVNT	n20	5745	Ant1	-2.72	0	-2.72	--	Pass
NVNT	n20	5745	Ant2	-6.21	0	-6.21	--	Pass
NVNT	n20	5745	Sum	-1.11	0	-1.11	30	Pass
NVNT	n20	5785	Ant1	-1.28	0	-1.28	--	Pass
NVNT	n20	5785	Ant2	-5.85	0	-5.85	--	Pass

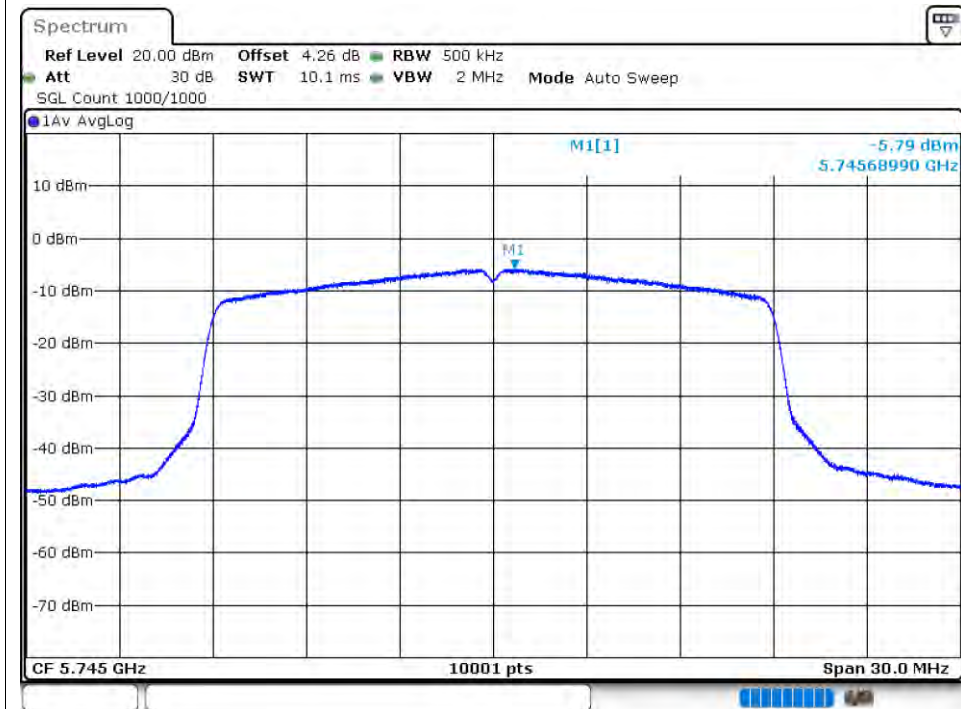
NVNT	n20	5785	Sum	0.02	0	0.02	30	Pass
NVNT	n20	5825	Ant1	-2.15	0	-2.15	--	Pass
NVNT	n20	5825	Ant2	-6.9	0	-6.9	--	Pass
NVNT	n20	5825	Sum	-0.9	0	-0.9	30	Pass
NVNT	n40	5755	Ant1	-6.3	0	-6.3	--	Pass
NVNT	n40	5755	Ant2	-9.94	0	-9.94	--	Pass
NVNT	n40	5755	Sum	-4.74	0	-4.74	30	Pass
NVNT	n40	5795	Ant1	-5.66	0	-5.66	--	Pass
NVNT	n40	5795	Ant2	-10.46	0	-10.46	--	Pass
NVNT	n40	5795	Sum	-4.42	0	-4.42	30	Pass

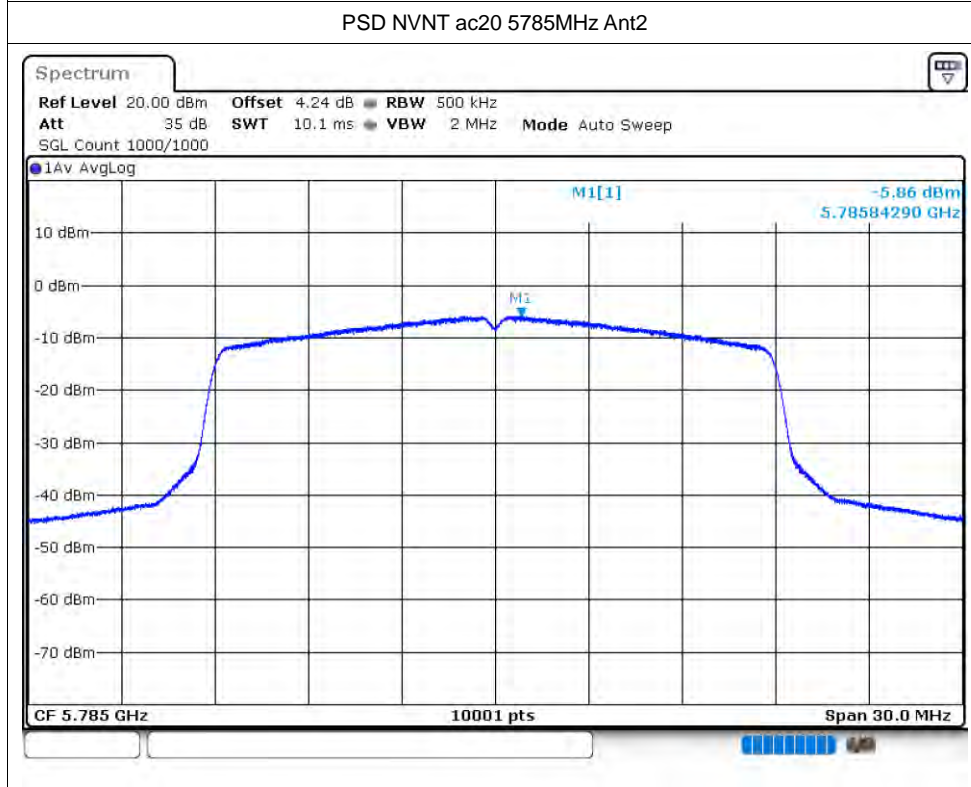
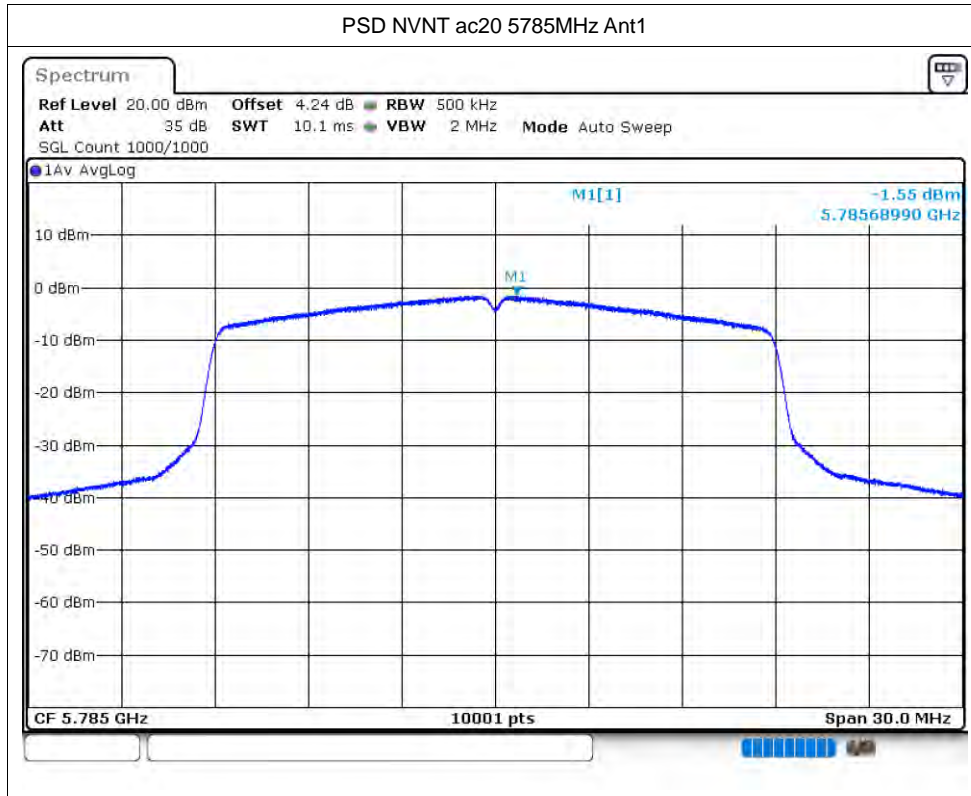
Test Graphs

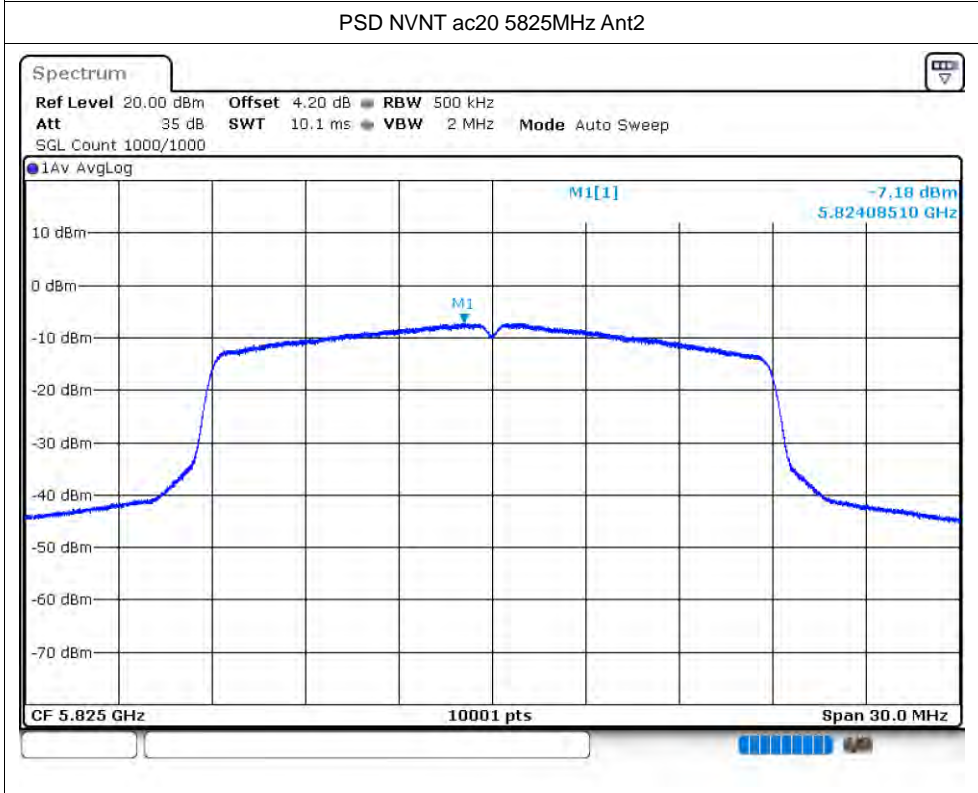
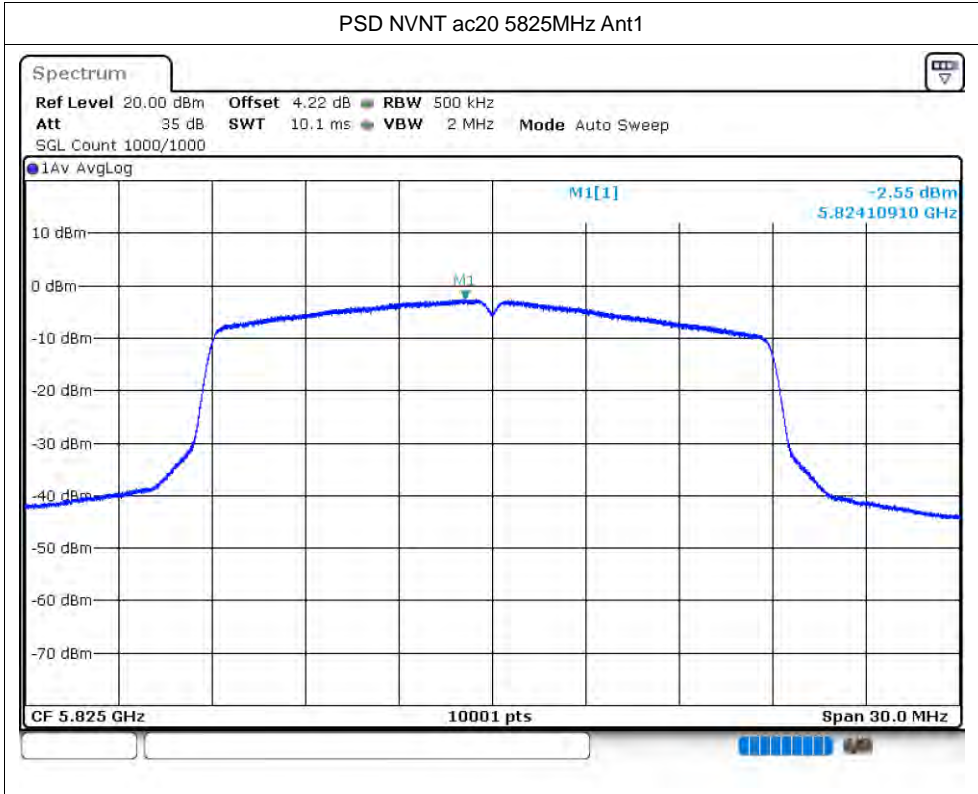
PSD NVNT ac20 5745MHz Ant1

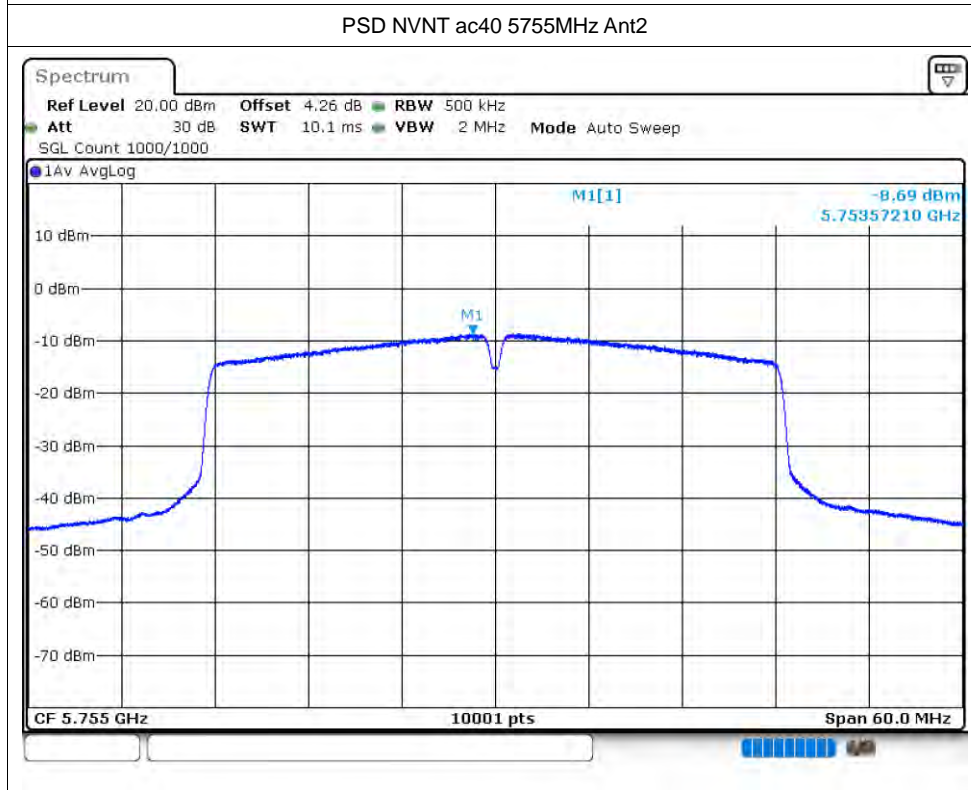
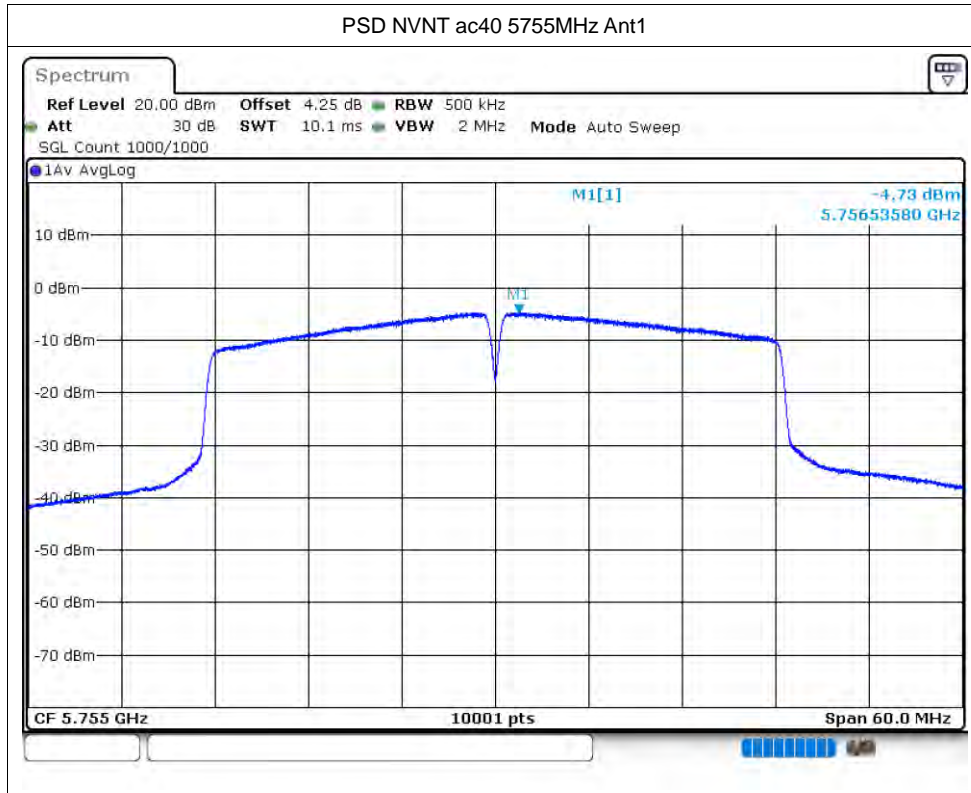


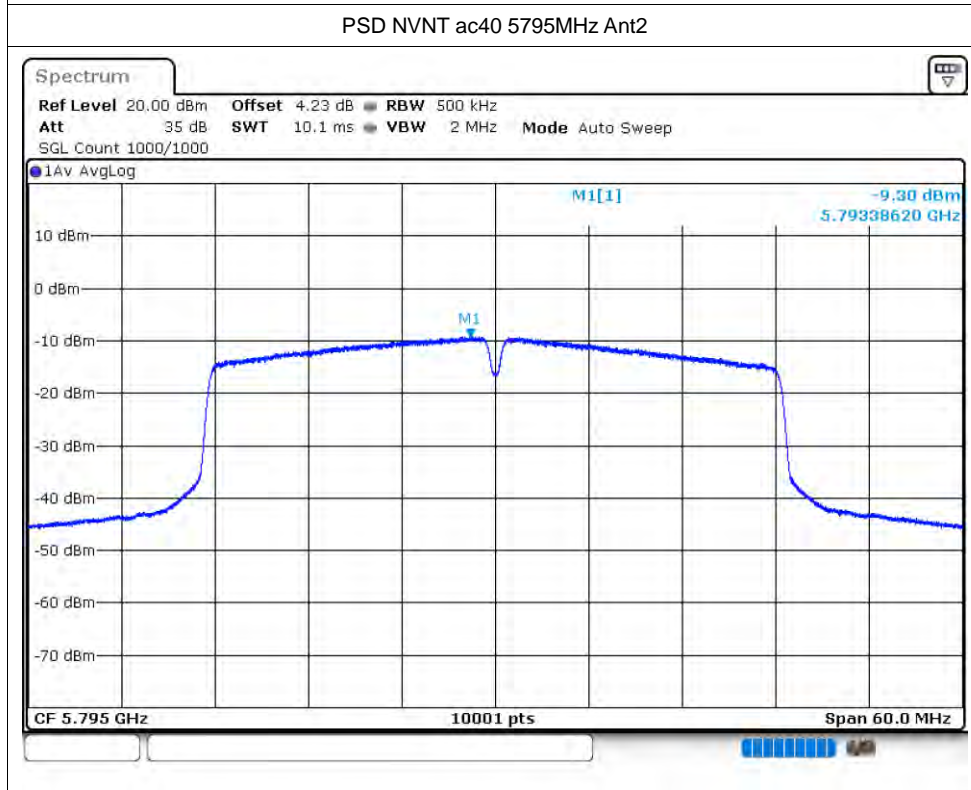
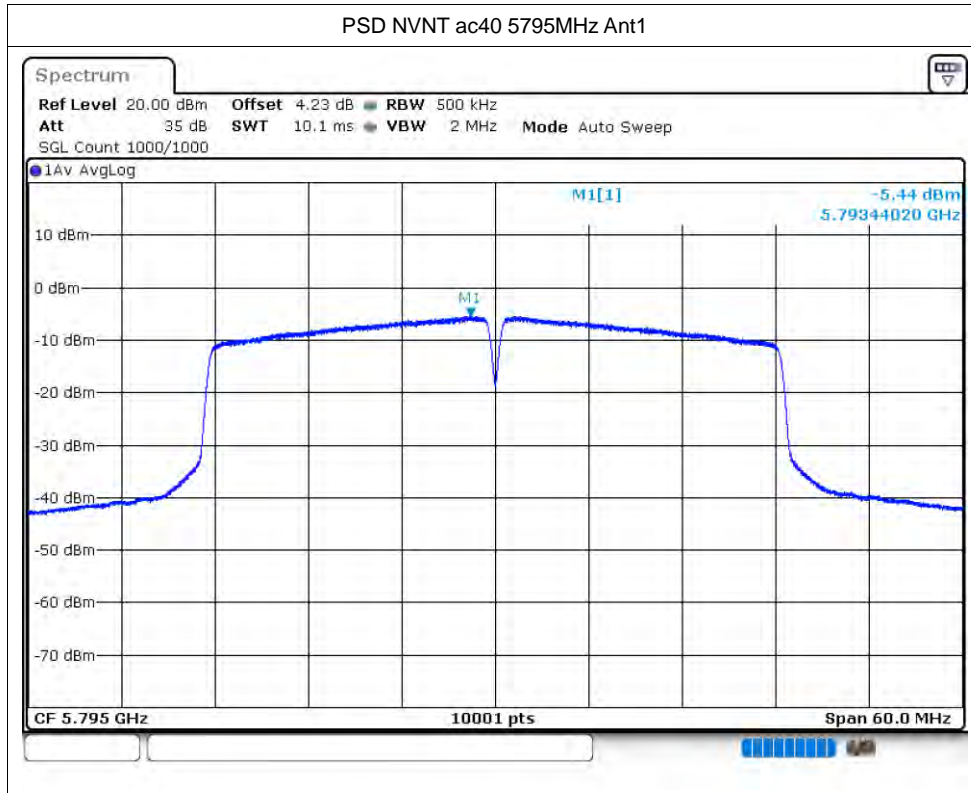
PSD NVNT ac20 5745MHz Ant2



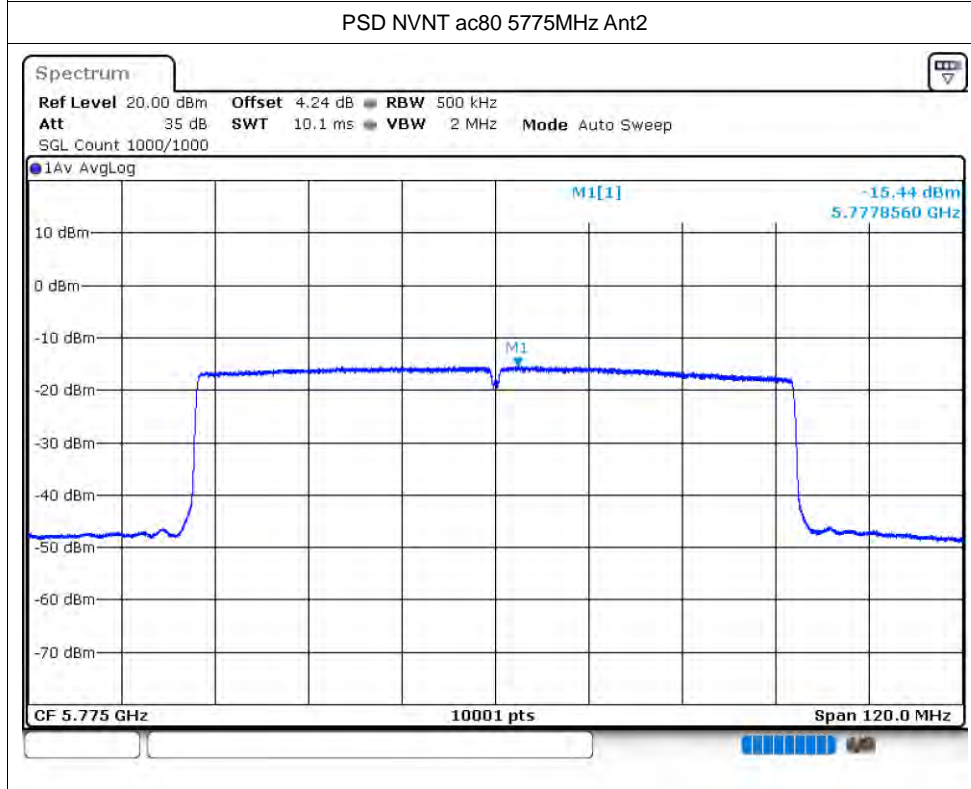
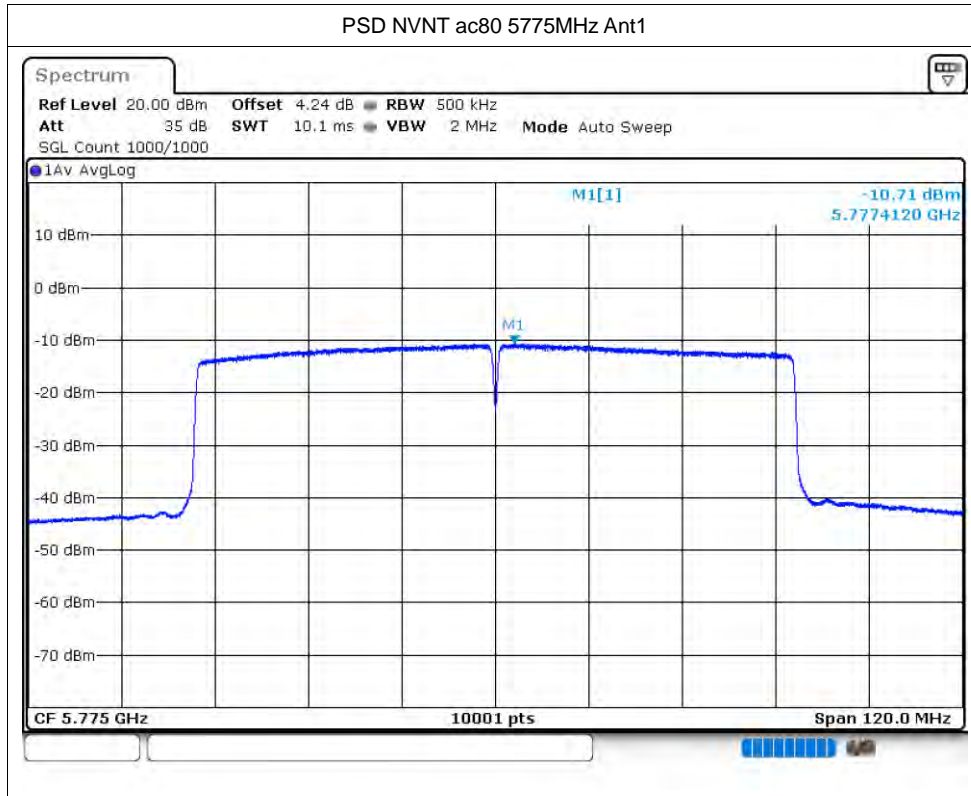


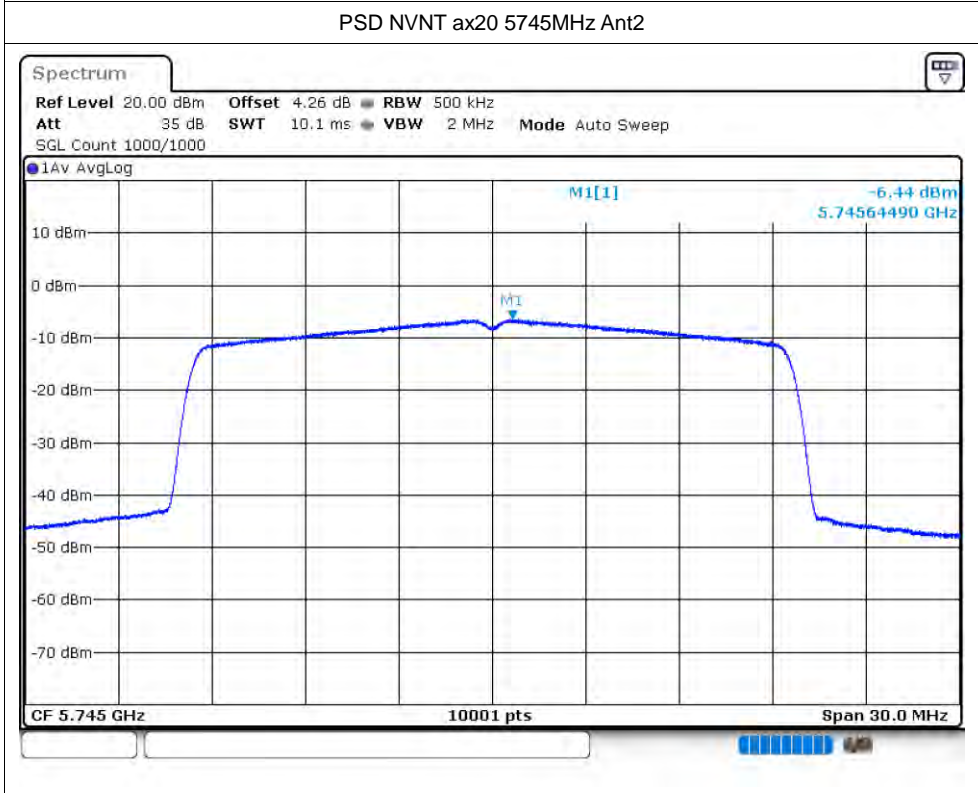
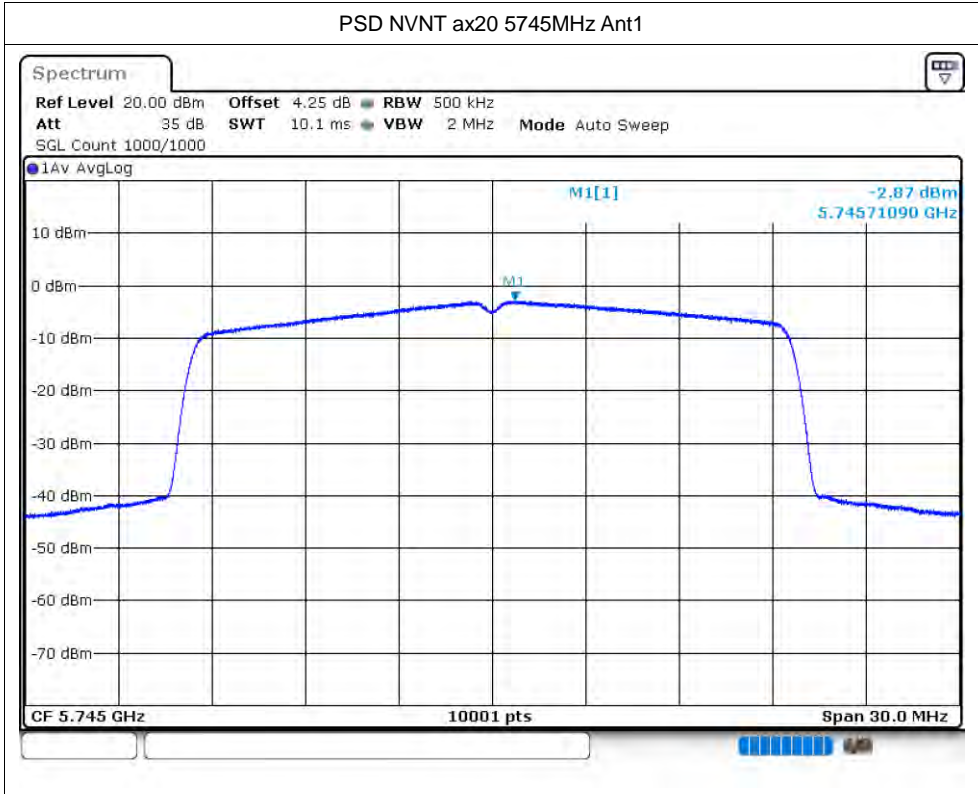


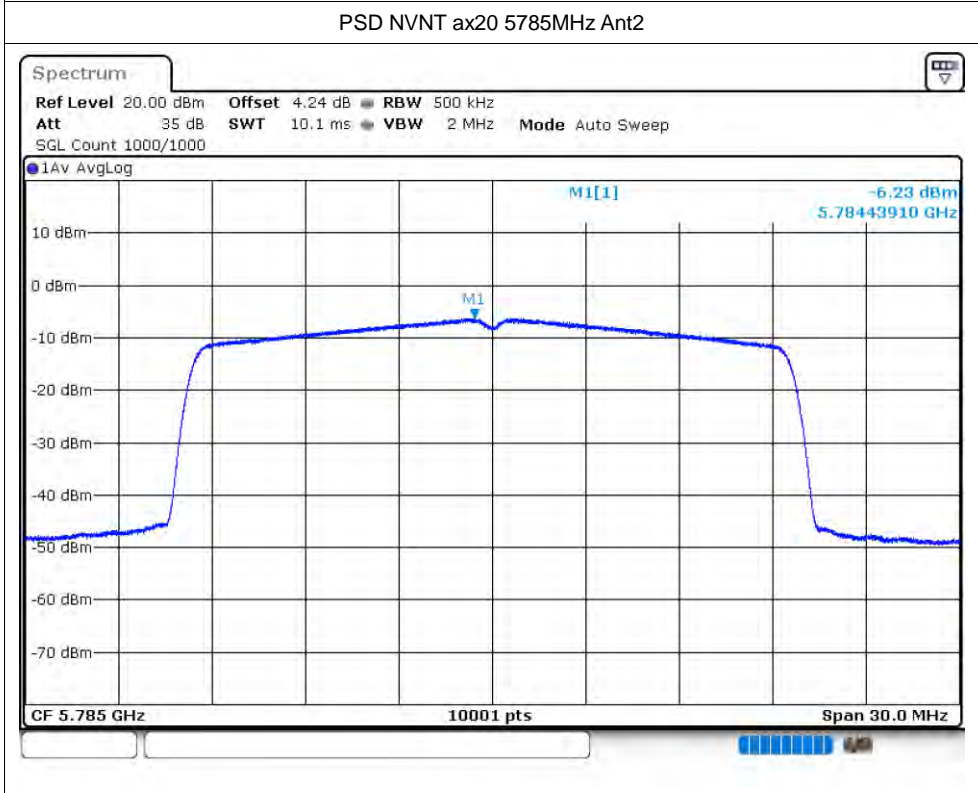
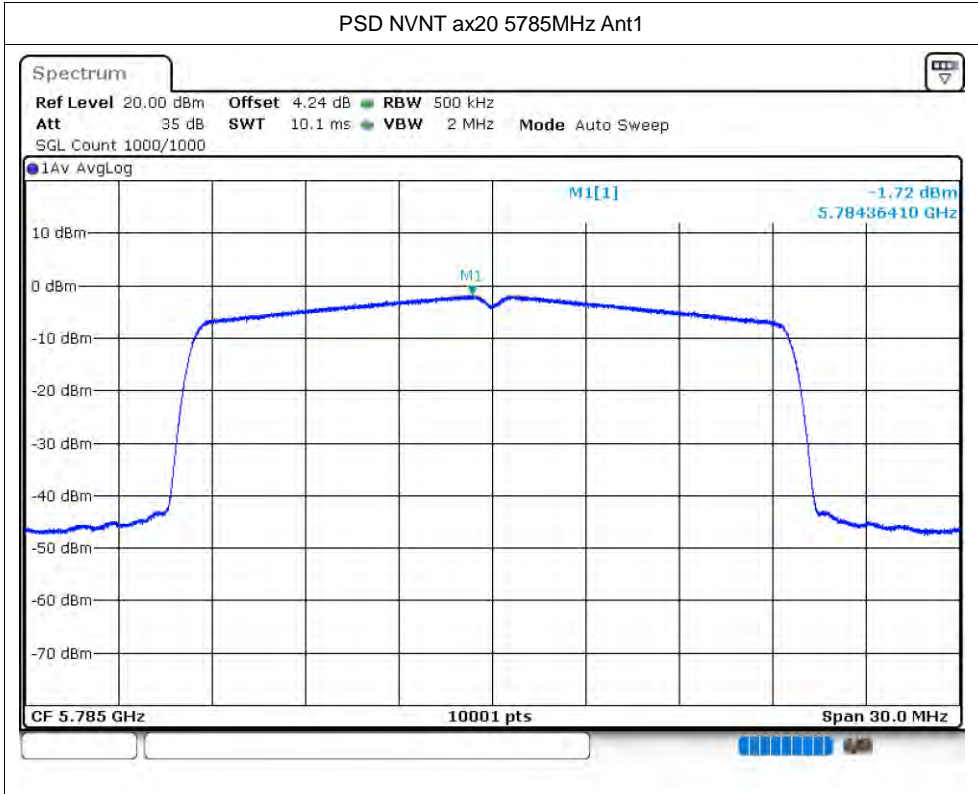


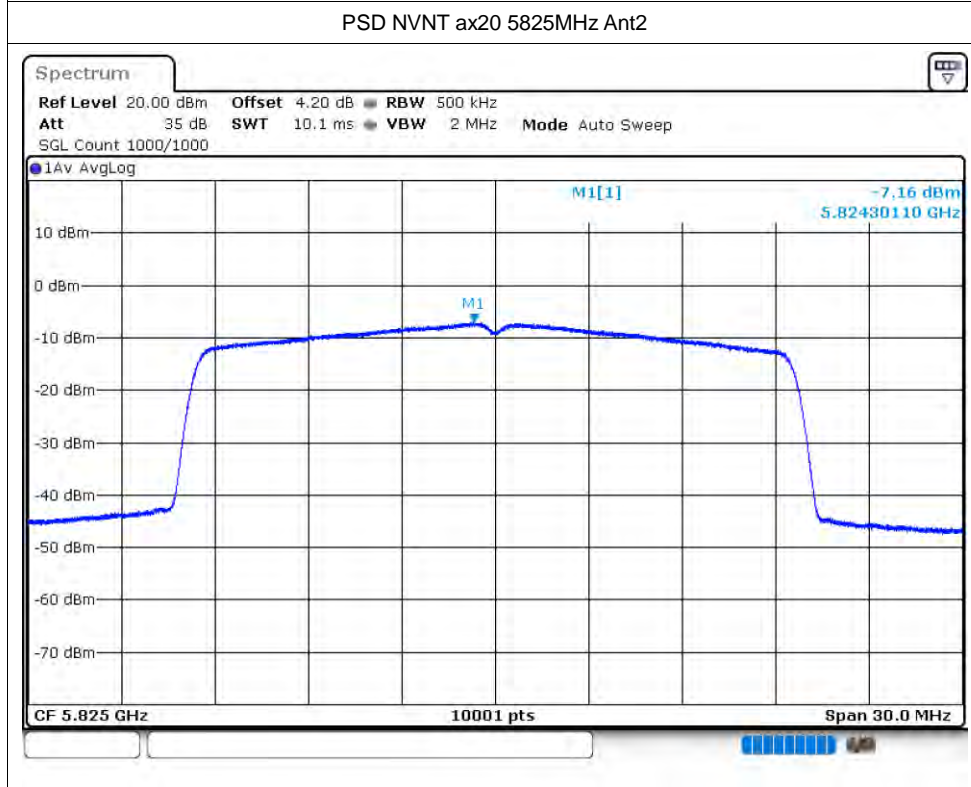
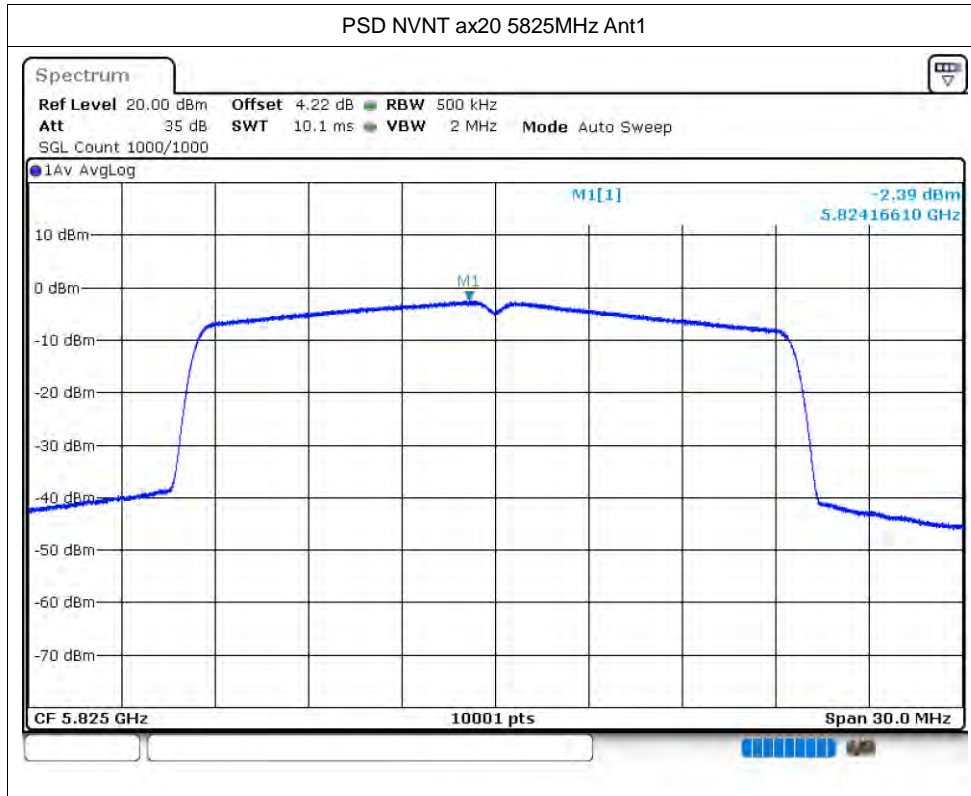


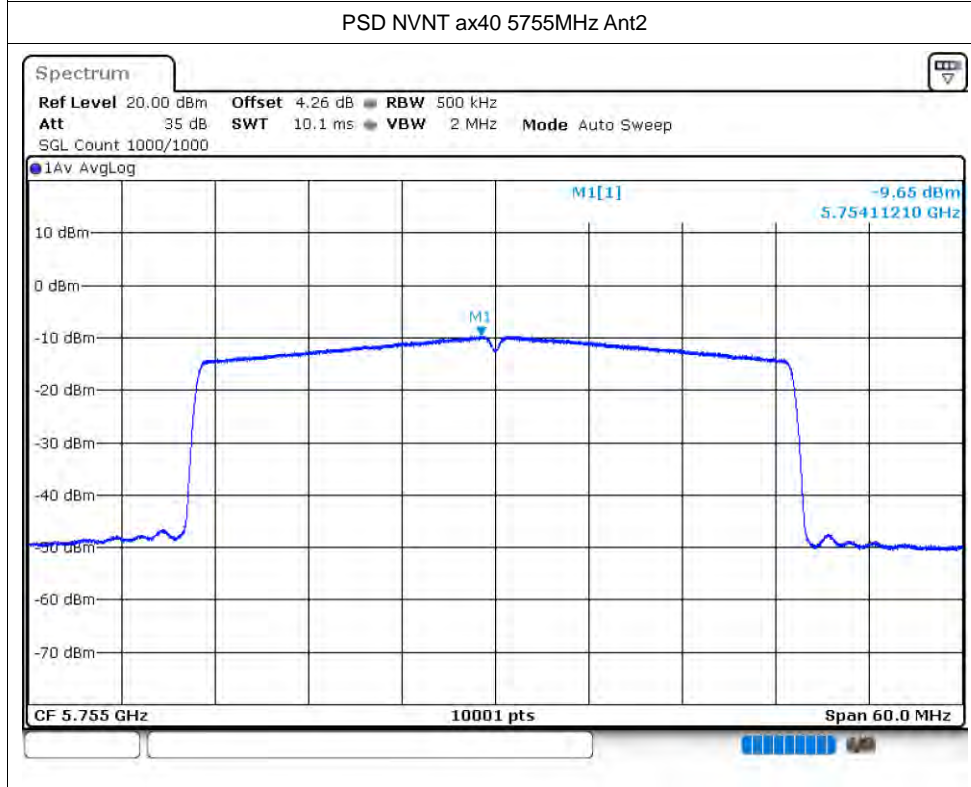
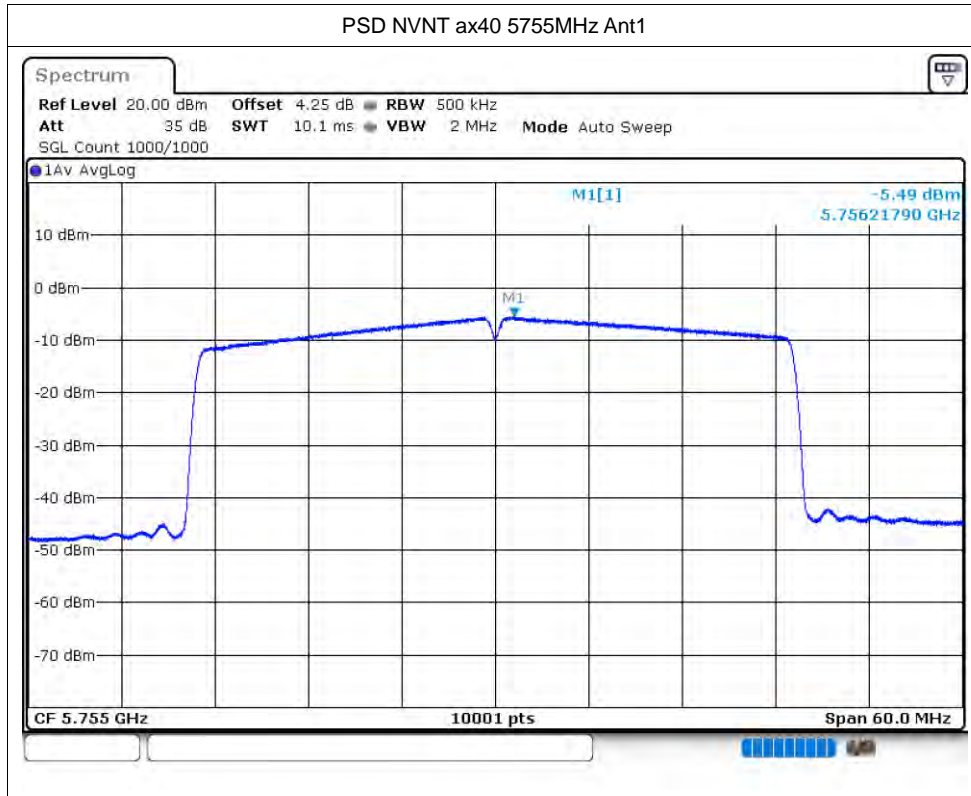


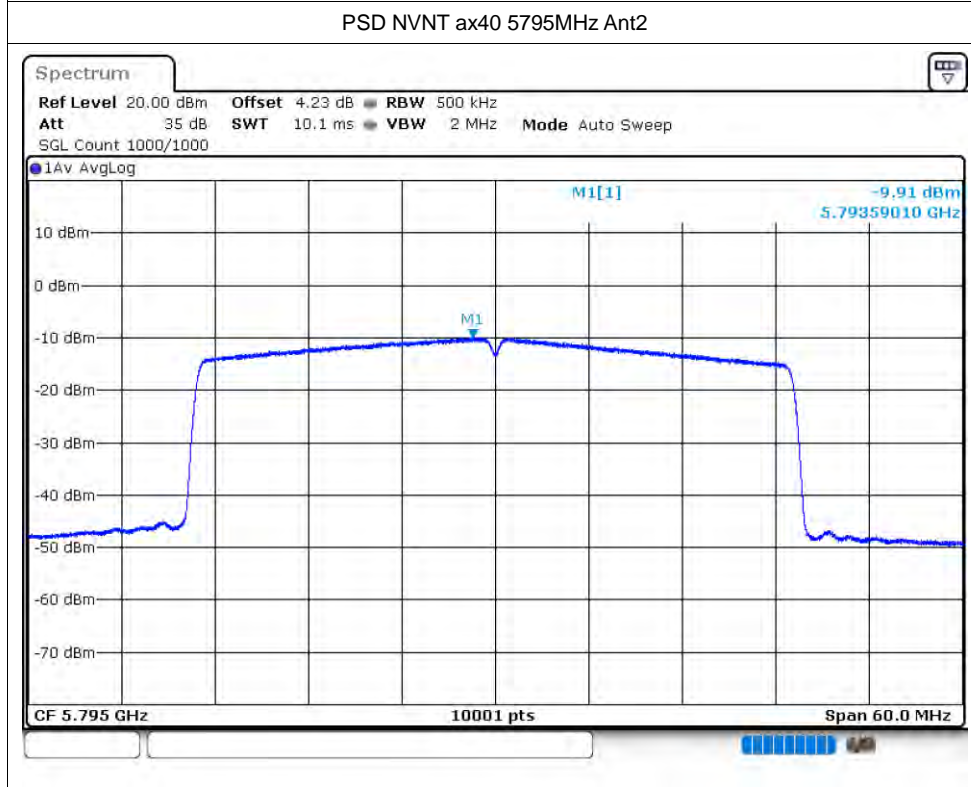
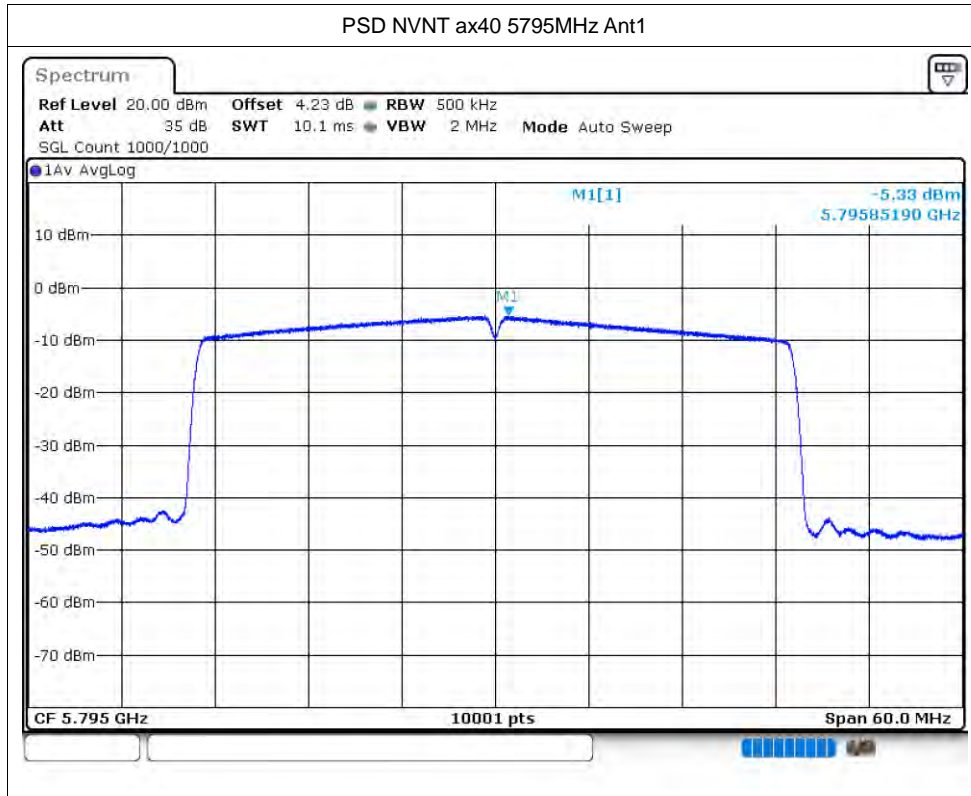


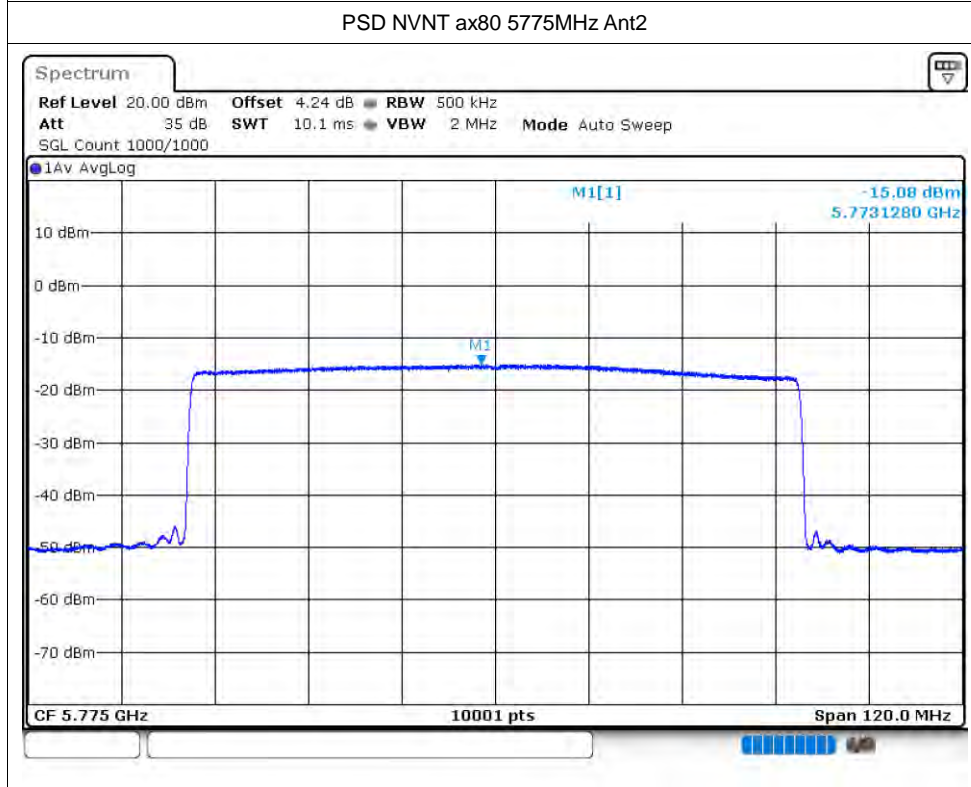
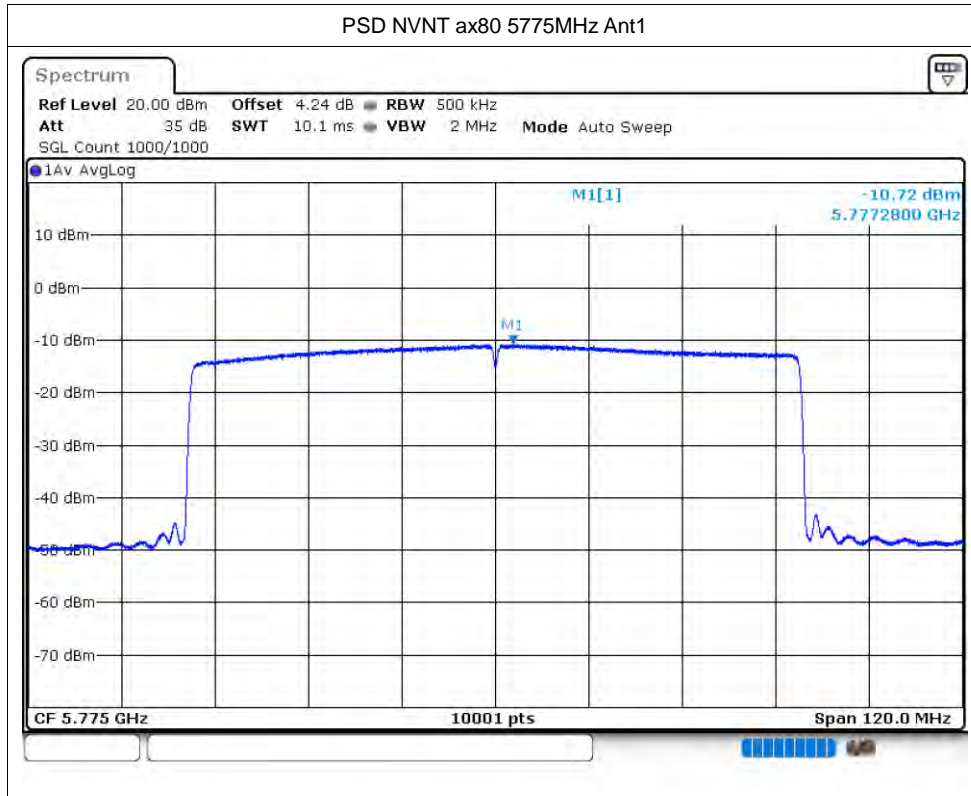


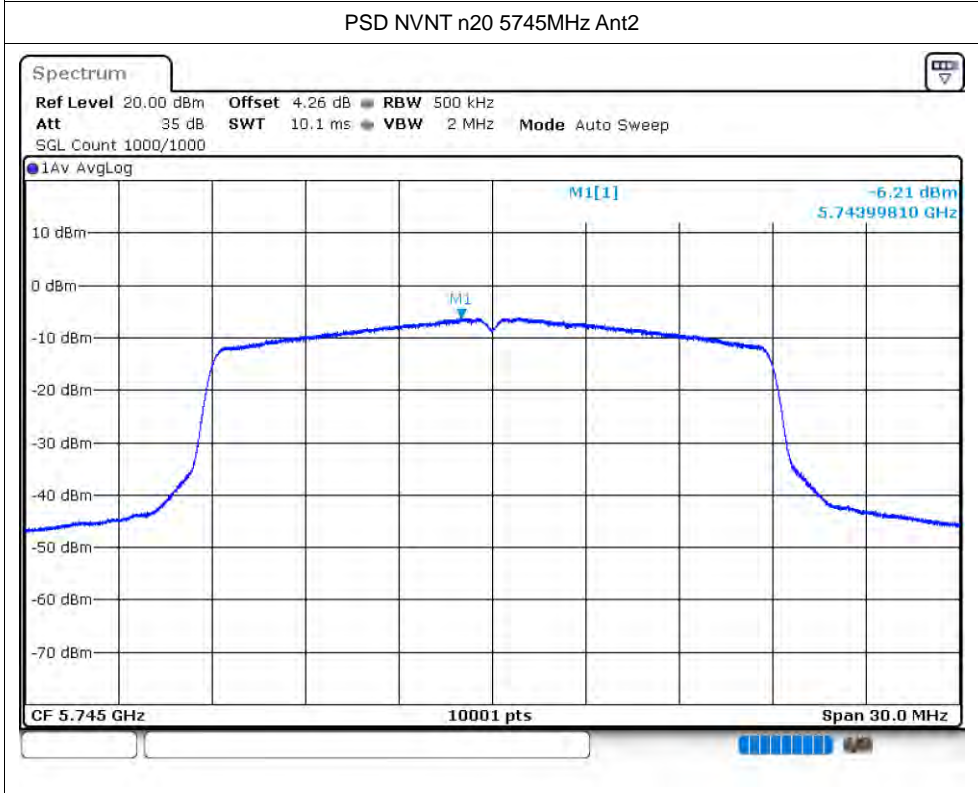
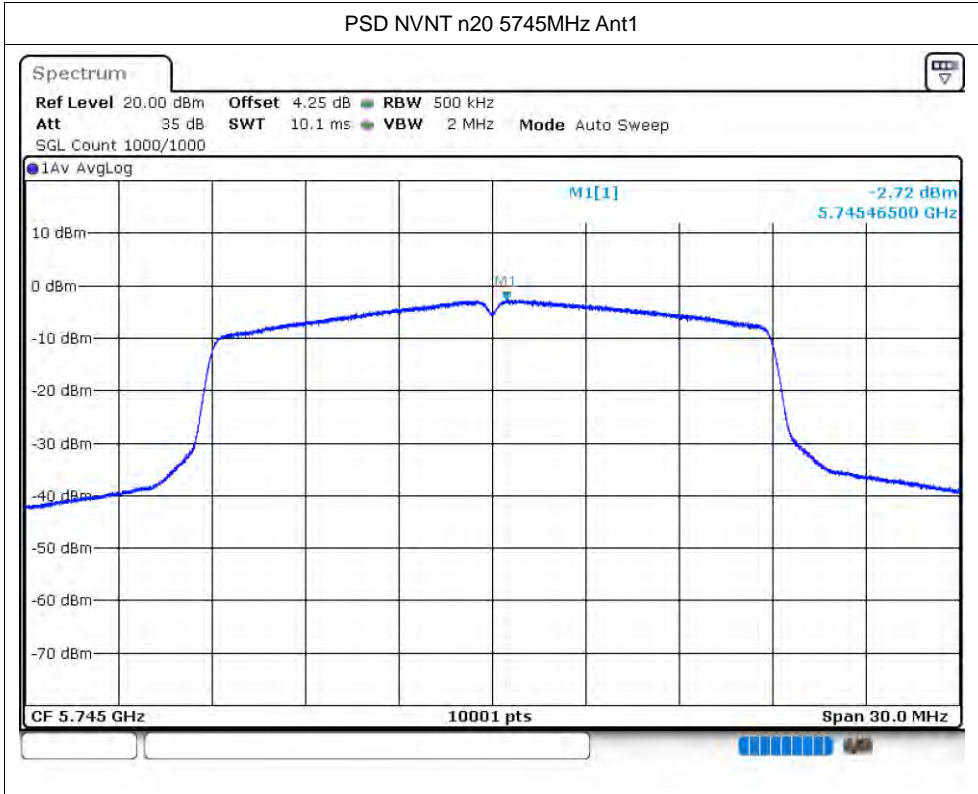




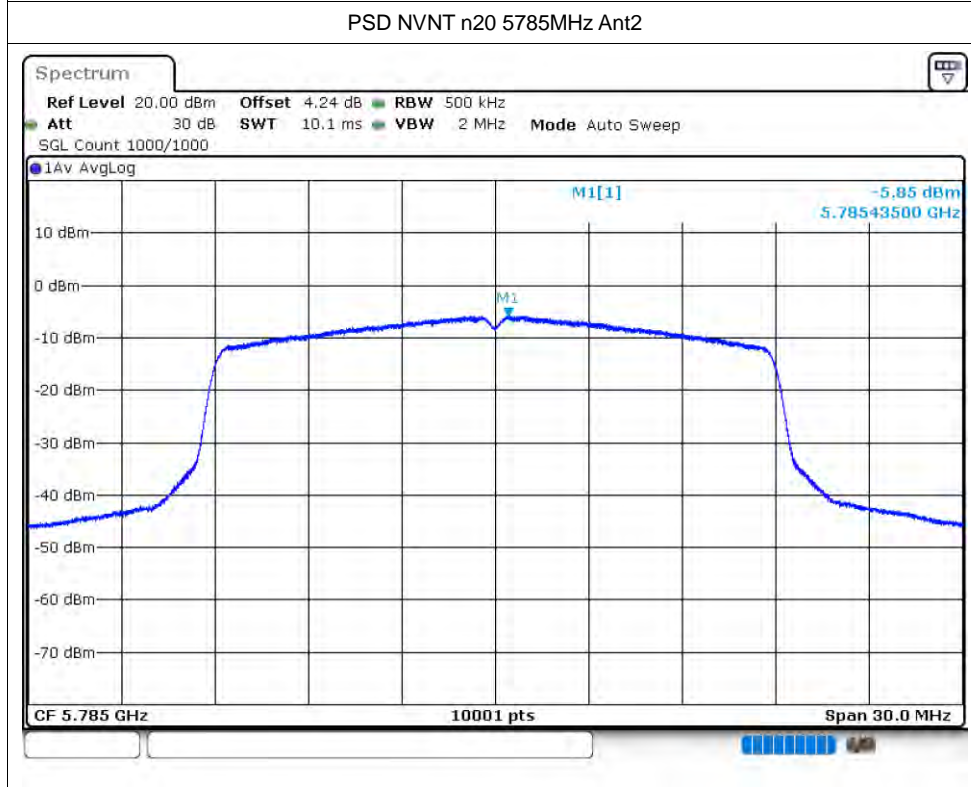
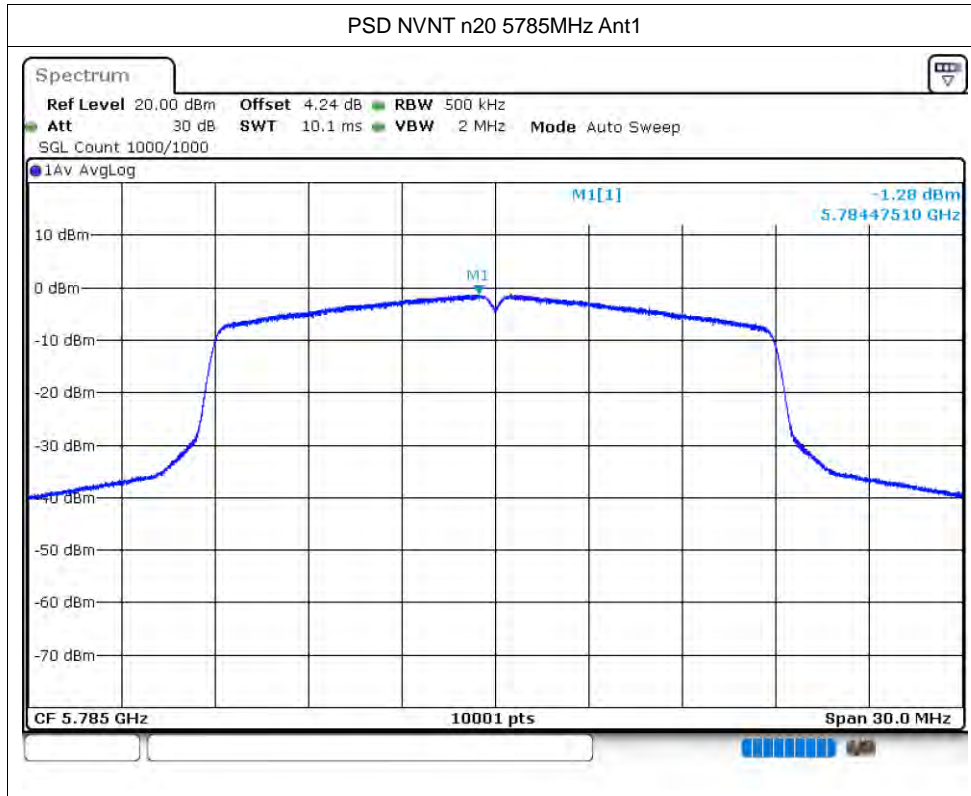


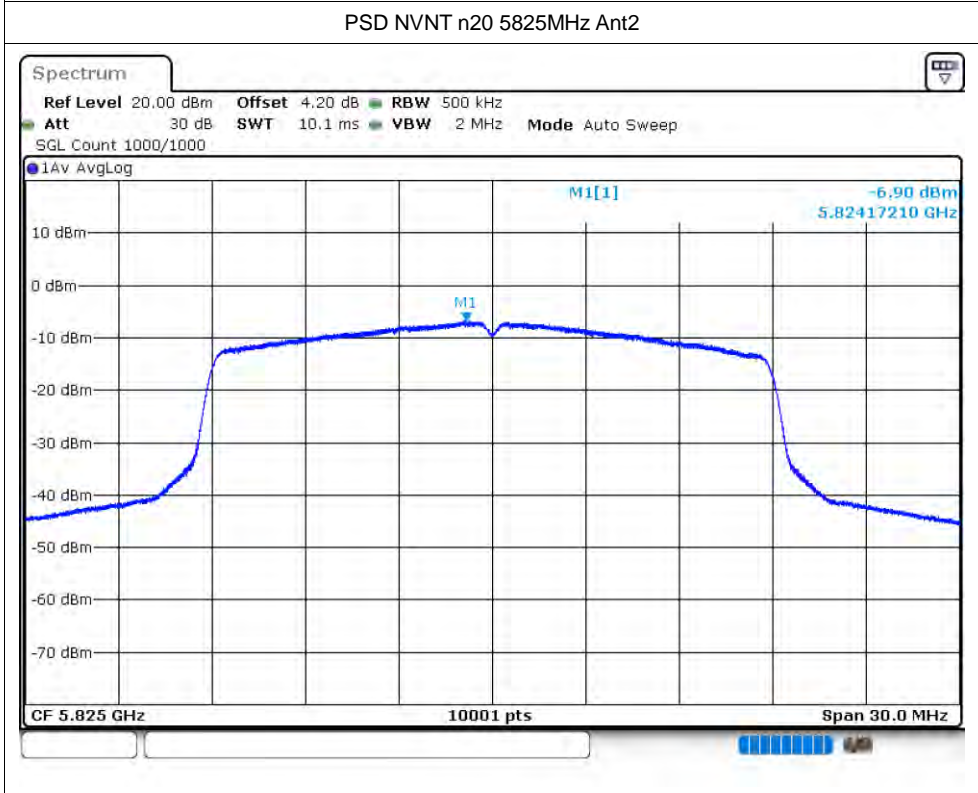
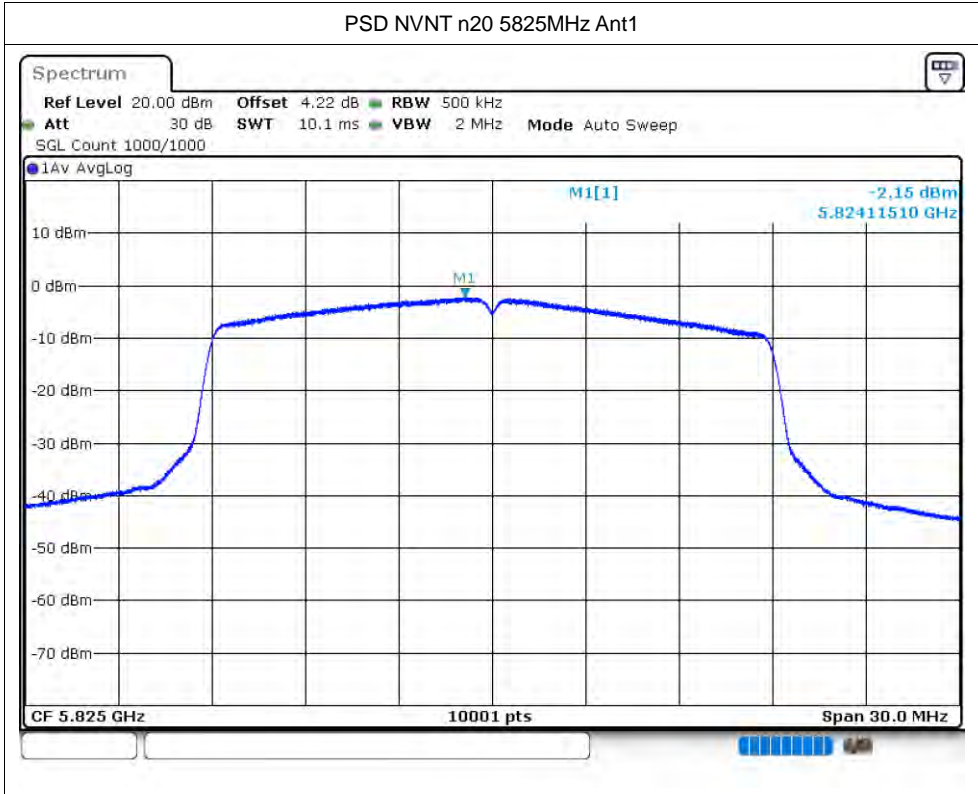


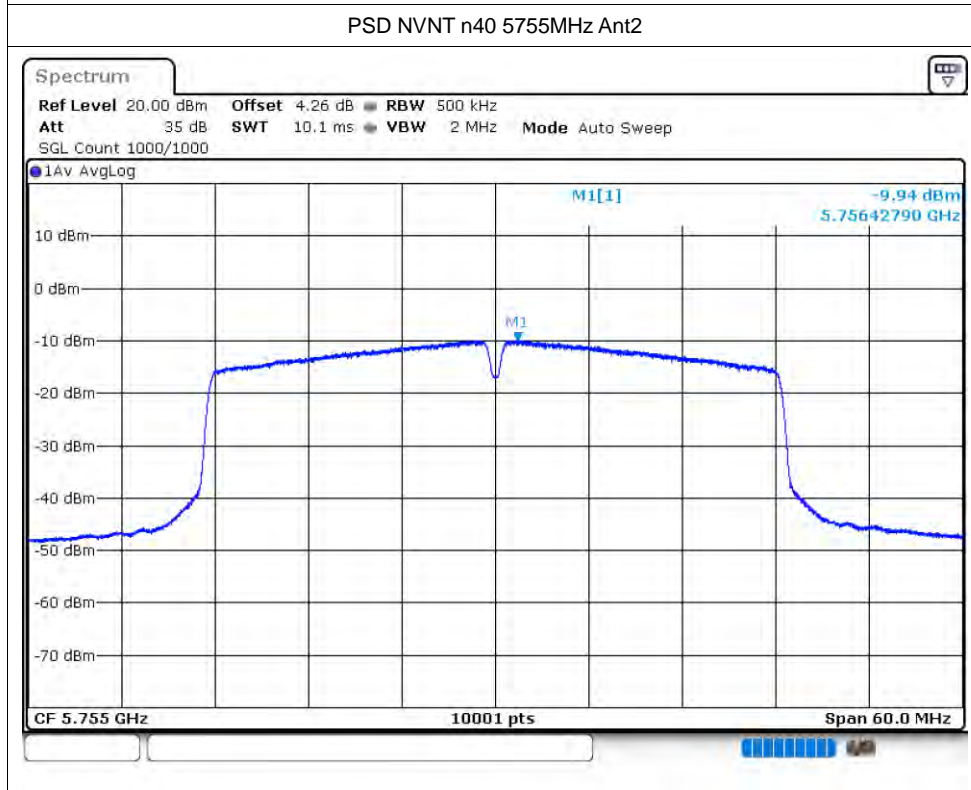
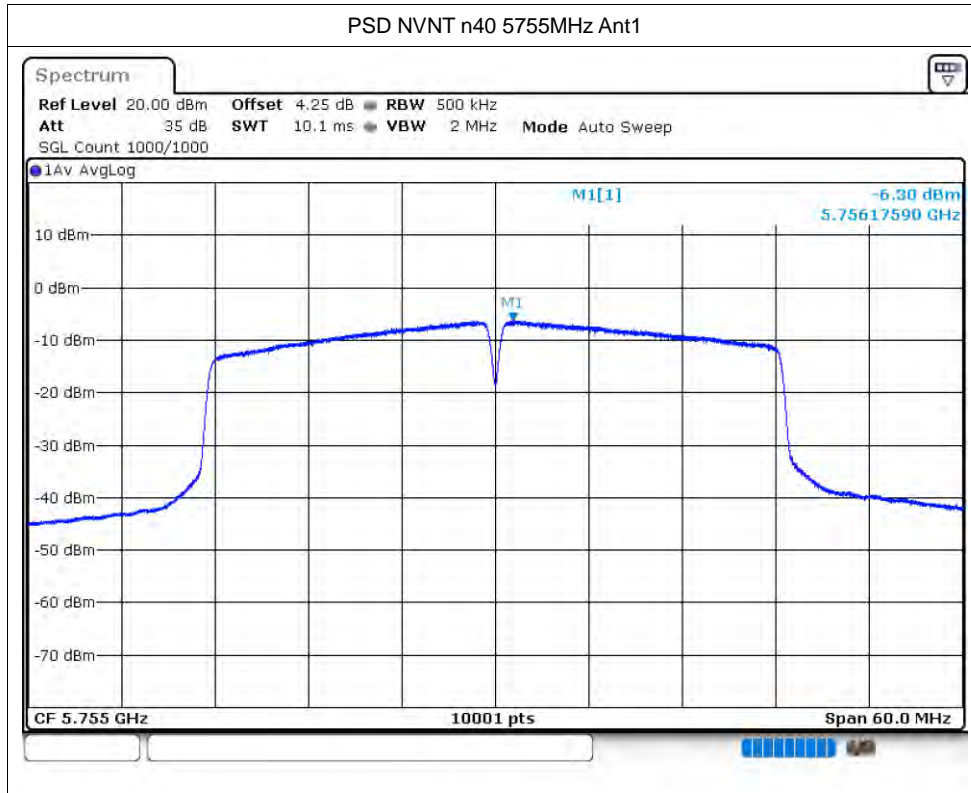


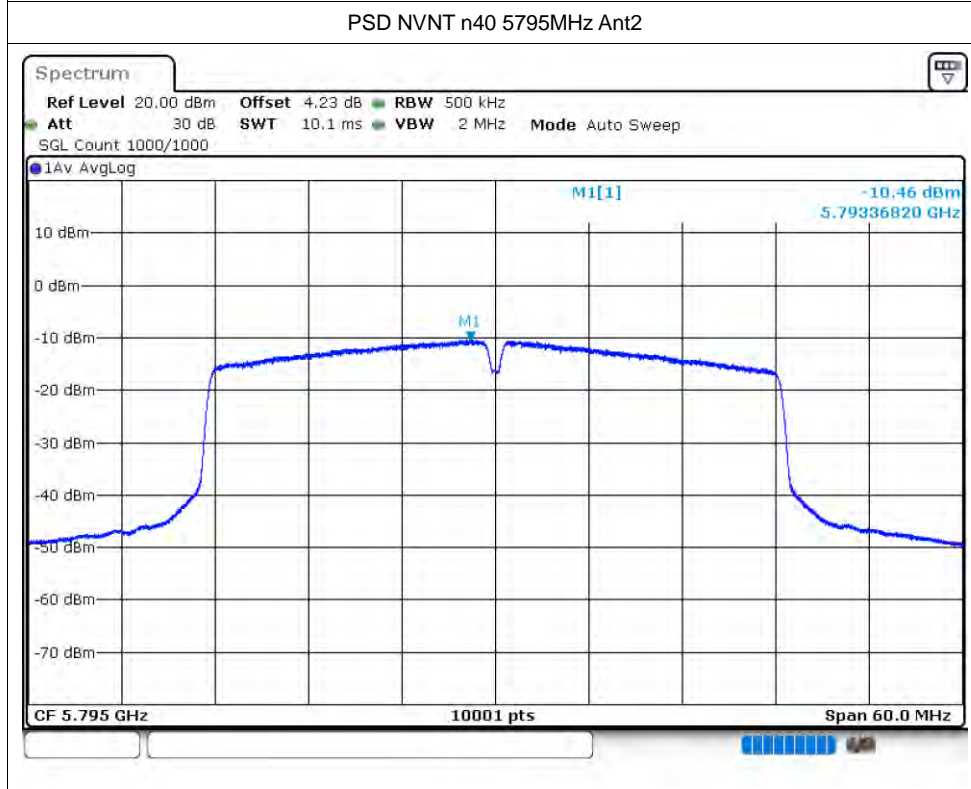
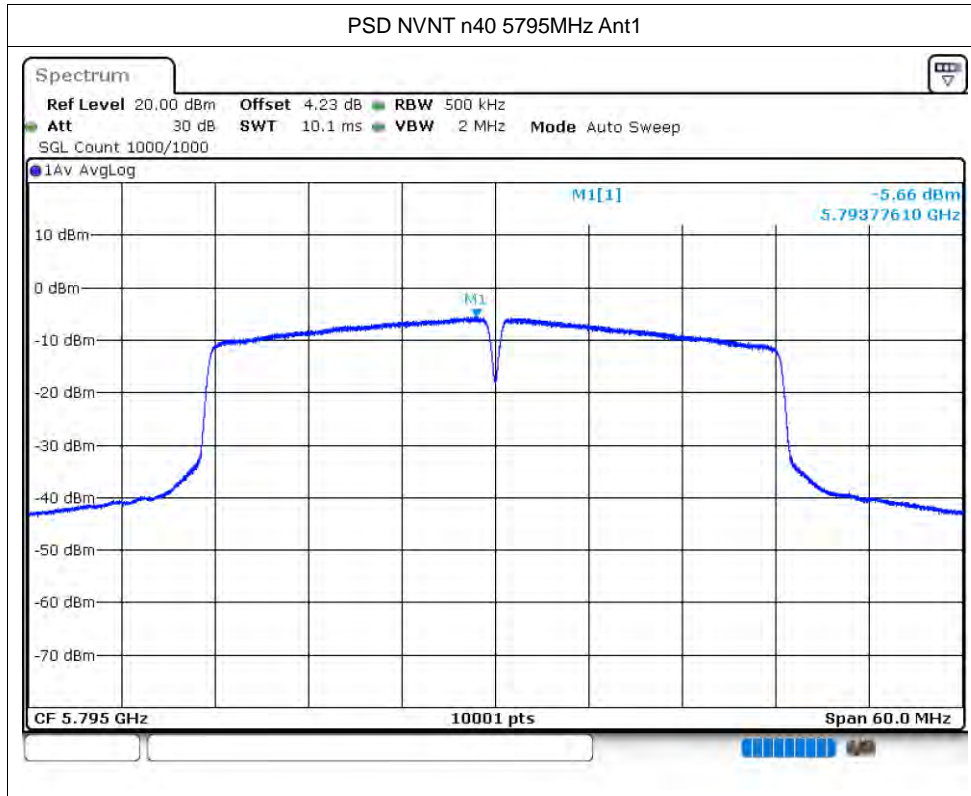












## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	ac20	5745	Ant1	-25.14	Pass
NVNT	ac20	5745	Ant2	-28.82	Pass
NVNT	ac20	5825	Ant1	-28.81	Pass
NVNT	ac20	5825	Ant2	-29.57	Pass
NVNT	ac40	5755	Ant1	-20.8	Pass
NVNT	ac40	5755	Ant2	-24.77	Pass
NVNT	ac40	5795	Ant1	-29.51	Pass
NVNT	ac40	5795	Ant2	-29.42	Pass
NVNT	ac80	5775	Ant1	-24.53	Pass
NVNT	ac80	5775	Ant2	-29.27	Pass
NVNT	ax20	5745	Ant1	-23.03	Pass
NVNT	ax20	5745	Ant2	-25.56	Pass
NVNT	ax20	5825	Ant1	-26.19	Pass
NVNT	ax20	5825	Ant2	-28.42	Pass
NVNT	ax40	5755	Ant1	-24.19	Pass
NVNT	ax40	5755	Ant2	-24.3	Pass
NVNT	ax40	5795	Ant1	-29.09	Pass
NVNT	ax40	5795	Ant2	-29.51	Pass
NVNT	ax80	5775	Ant1	-24.99	Pass
NVNT	ax80	5775	Ant2	-29.02	Pass
NVNT	n20	5745	Ant1	-27.36	Pass
NVNT	n20	5745	Ant2	-29.12	Pass
NVNT	n20	5825	Ant1	-28.49	Pass
NVNT	n20	5825	Ant2	-29.6	Pass
NVNT	n40	5755	Ant1	-27.48	Pass
NVNT	n40	5755	Ant2	-26.83	Pass
NVNT	n40	5795	Ant1	-28.45	Pass
NVNT	n40	5795	Ant2	-28.82	Pass

