

5.2 MAXIMUM CONDUCTED OUTPUT POWER

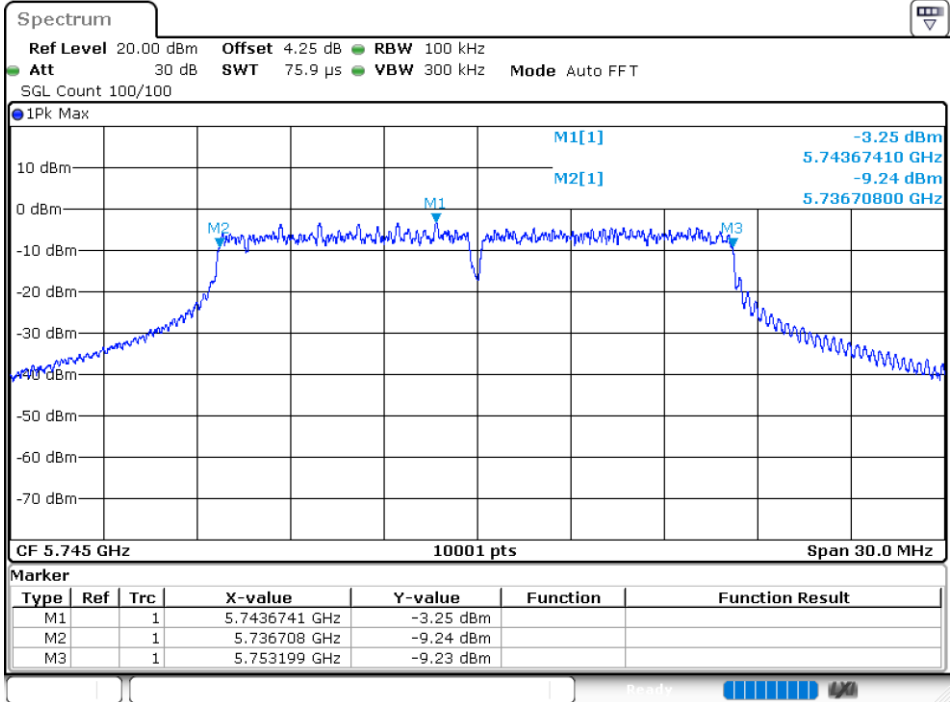
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.46	30	Pass
NVNT	a	5785	Ant1	11.43	30	Pass
NVNT	a	5825	Ant1	11.62	30	Pass
NVNT	n20	5745	Ant1	10.46	30	Pass
NVNT	n20	5785	Ant1	11.46	30	Pass
NVNT	n20	5825	Ant1	11.47	30	Pass
NVNT	n40	5755	Ant1	10.67	30	Pass
NVNT	n40	5795	Ant1	11.57	30	Pass
NVNT	ac20	5745	Ant1	10.38	30	Pass
NVNT	ac20	5785	Ant1	11.48	30	Pass
NVNT	ac20	5825	Ant1	11.57	30	Pass
NVNT	ac40	5755	Ant1	10.72	30	Pass
NVNT	ac40	5795	Ant1	11.59	30	Pass
NVNT	ax20	5745	Ant1	8.7	30	Pass
NVNT	ax20	5785	Ant1	9.68	30	Pass
NVNT	ax20	5825	Ant1	10.03	30	Pass
NVNT	ax40	5755	Ant1	8.94	30	Pass
NVNT	ax40	5795	Ant1	9.75	30	Pass

5.3 -6DB BANDWIDTH

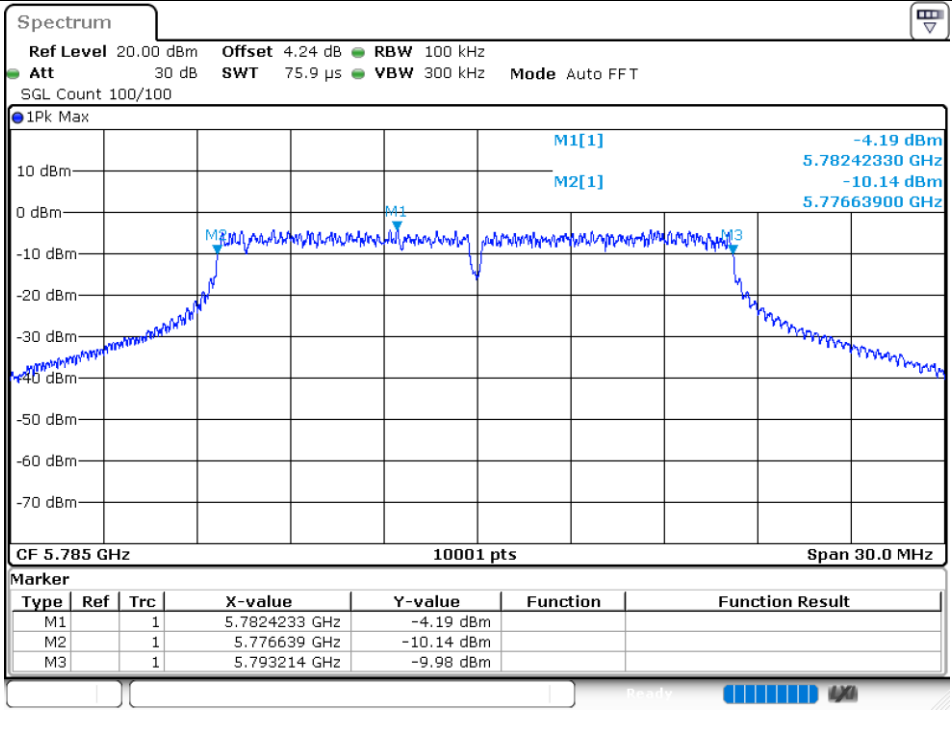
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.491	0.5	Pass
NVNT	a	5785	Ant1	16.575	0.5	Pass
NVNT	a	5825	Ant1	16.338	0.5	Pass
NVNT	n20	5745	Ant1	17.688	0.5	Pass
NVNT	n20	5785	Ant1	17.805	0.5	Pass
NVNT	n20	5825	Ant1	17.631	0.5	Pass
NVNT	n40	5755	Ant1	36.312	0.5	Pass
NVNT	n40	5795	Ant1	36.318	0.5	Pass
NVNT	ac20	5745	Ant1	17.811	0.5	Pass
NVNT	ac20	5785	Ant1	17.823	0.5	Pass
NVNT	ac20	5825	Ant1	17.661	0.5	Pass
NVNT	ac40	5755	Ant1	36.474	0.5	Pass
NVNT	ac40	5795	Ant1	36.336	0.5	Pass
NVNT	ax20	5745	Ant1	19.116	0.5	Pass
NVNT	ax20	5785	Ant1	19.065	0.5	Pass
NVNT	ax20	5825	Ant1	19.047	0.5	Pass
NVNT	ax40	5755	Ant1	38.214	0.5	Pass
NVNT	ax40	5795	Ant1	37.296	0.5	Pass

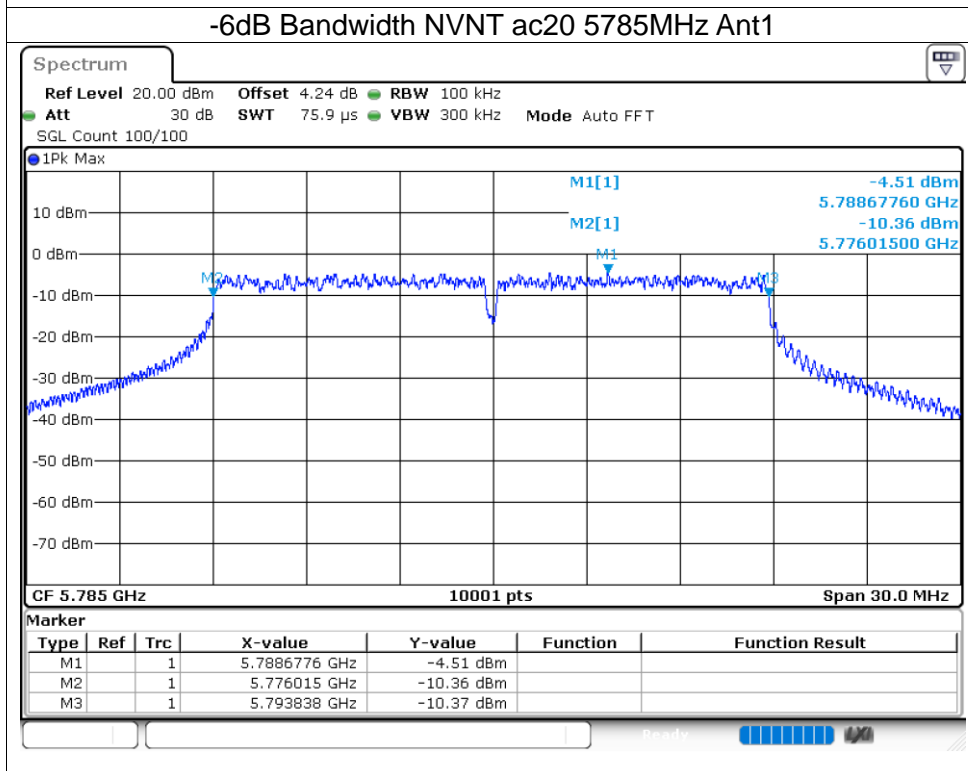
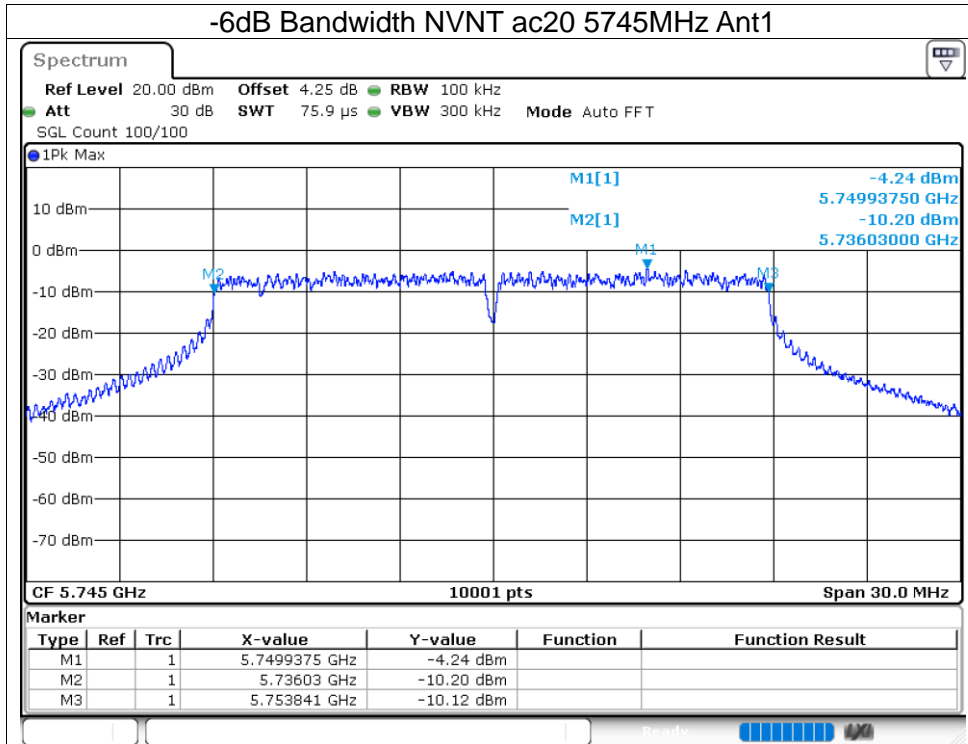
Test Graphs

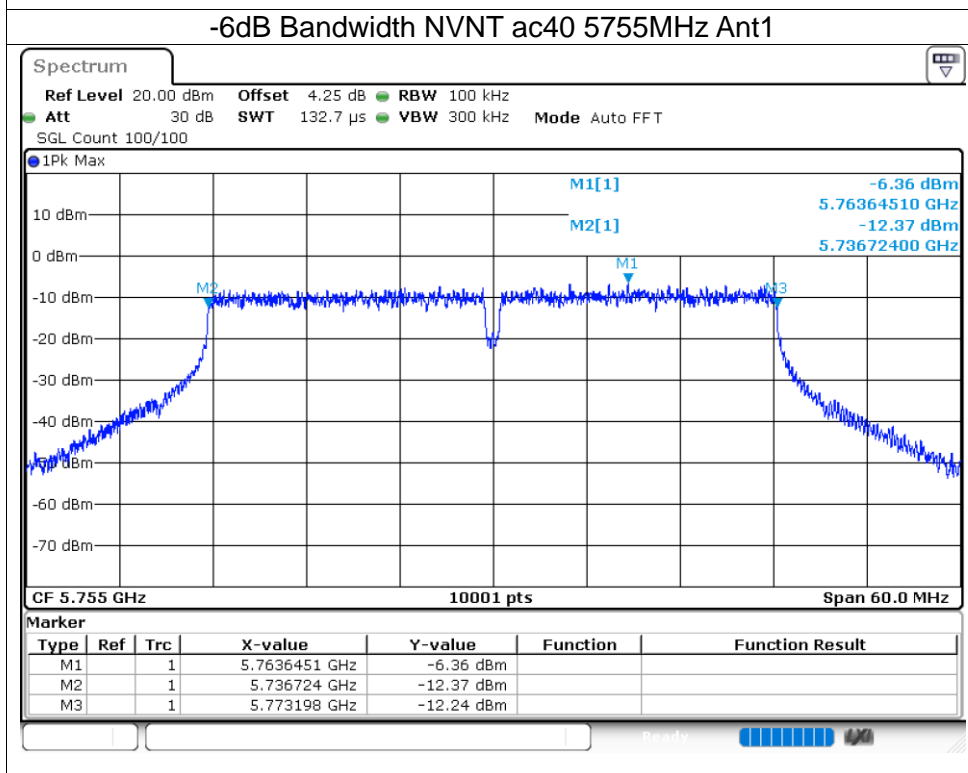
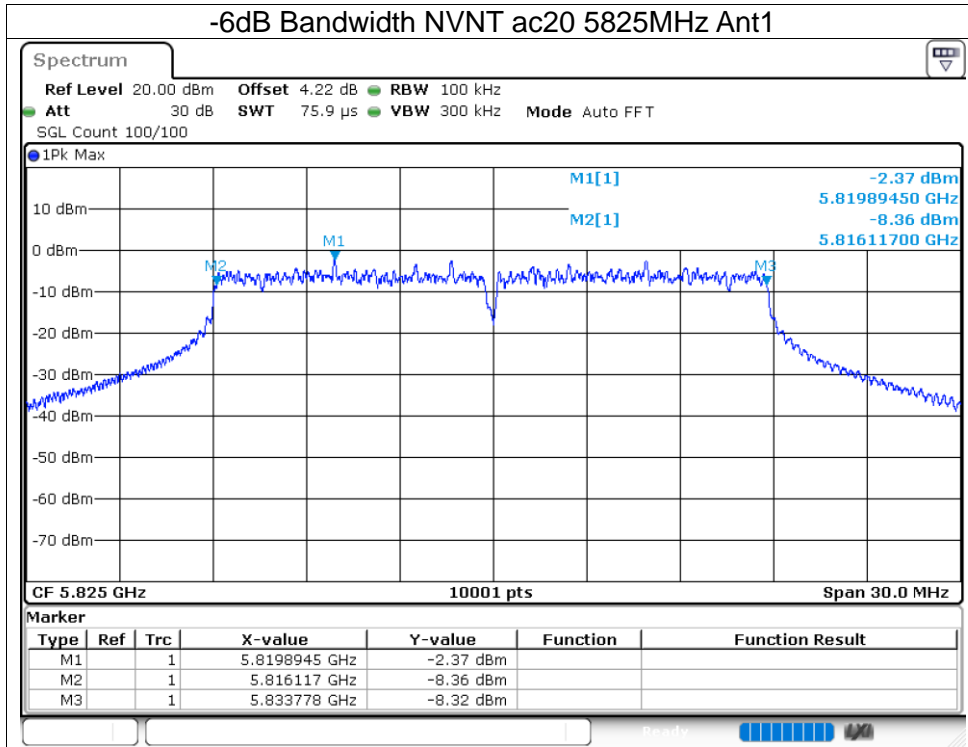
-6dB Bandwidth NVNT a 5745MHz Ant1

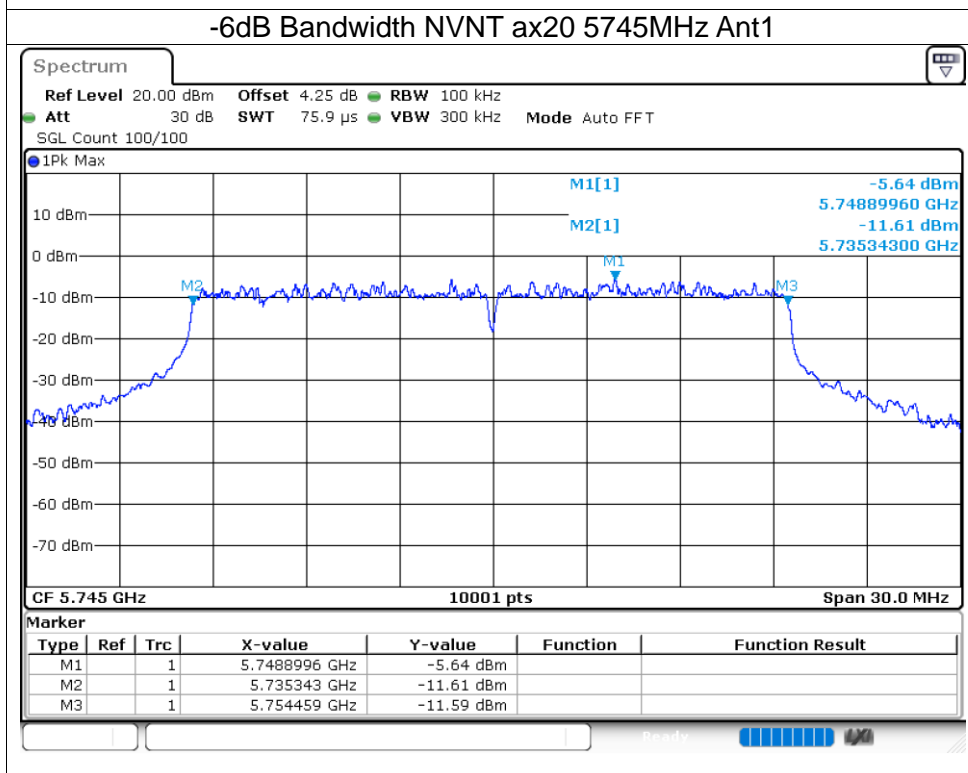
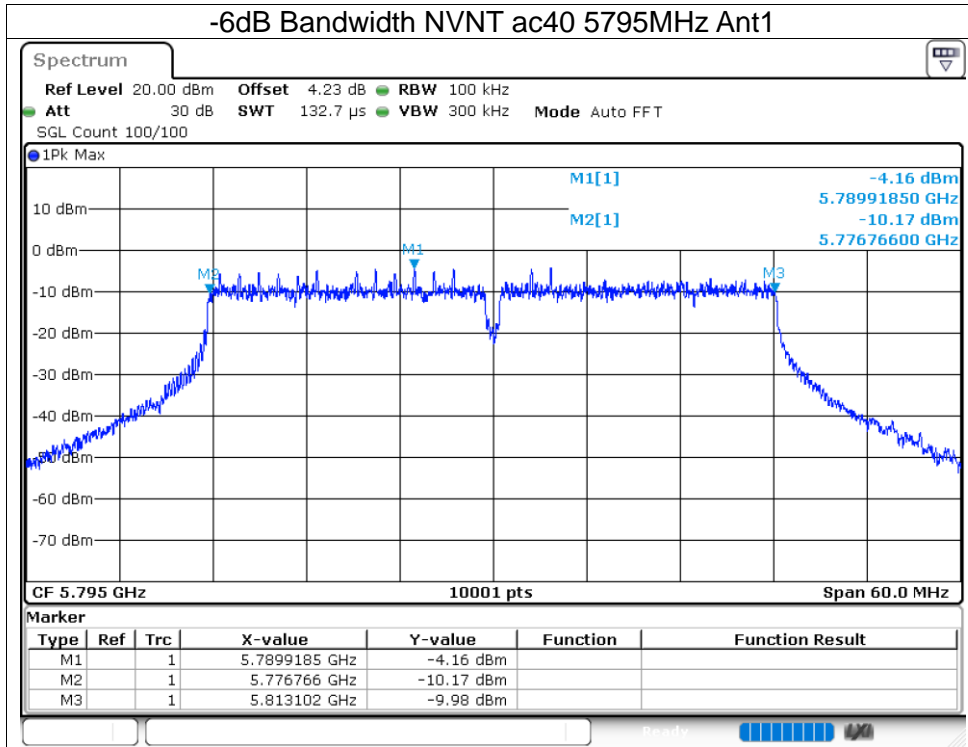


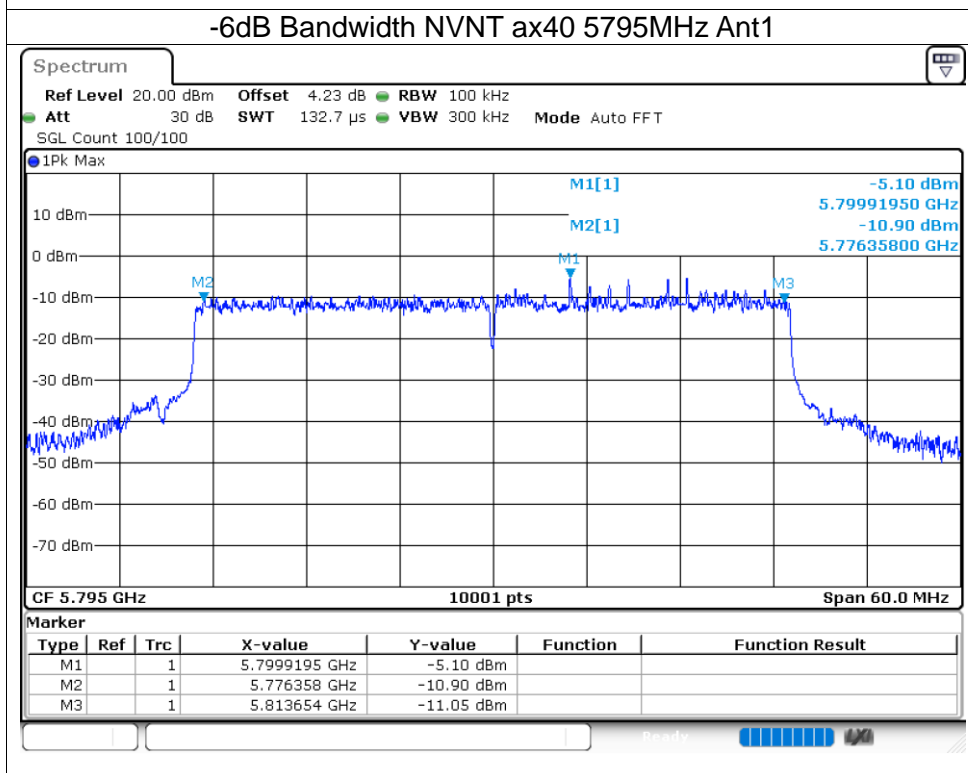
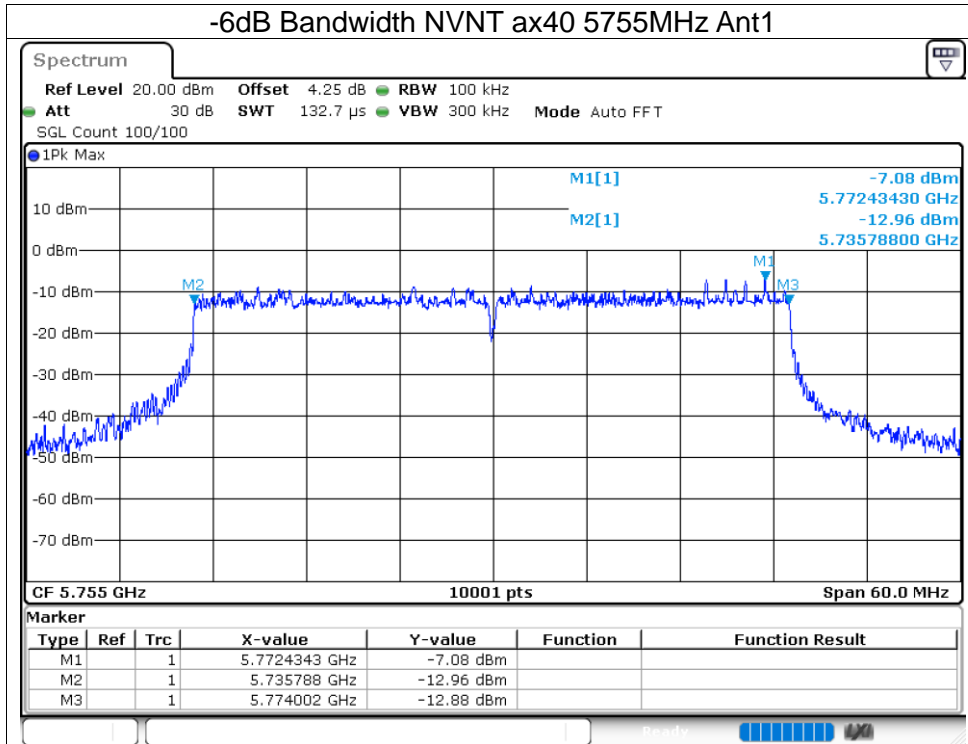
-6dB Bandwidth NVNT a 5785MHz Ant1





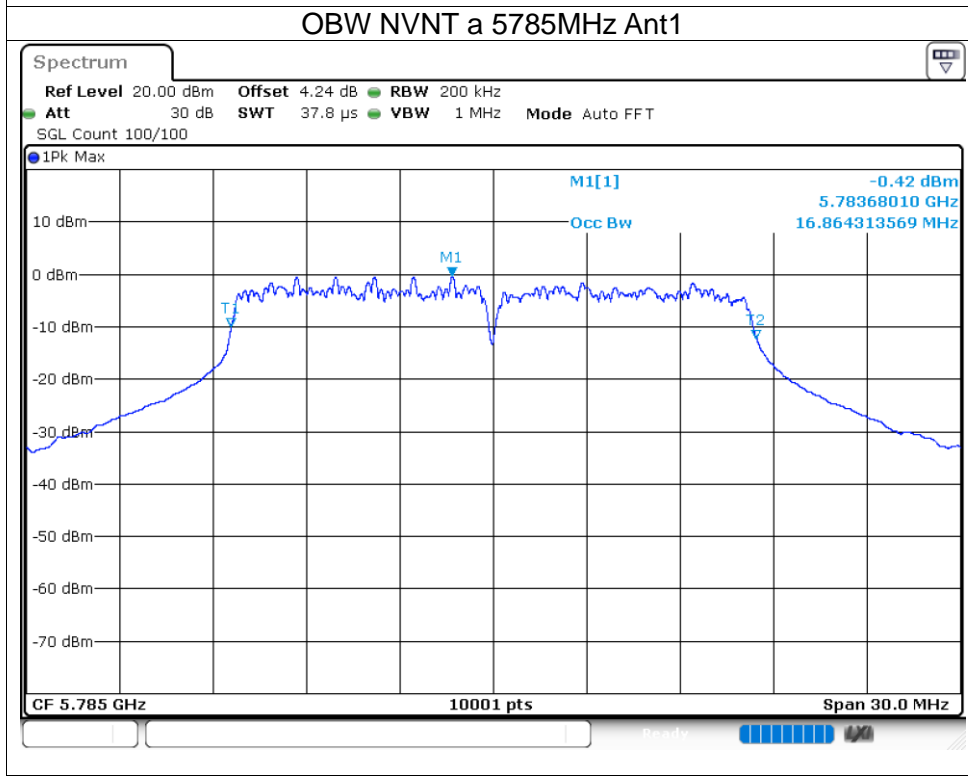
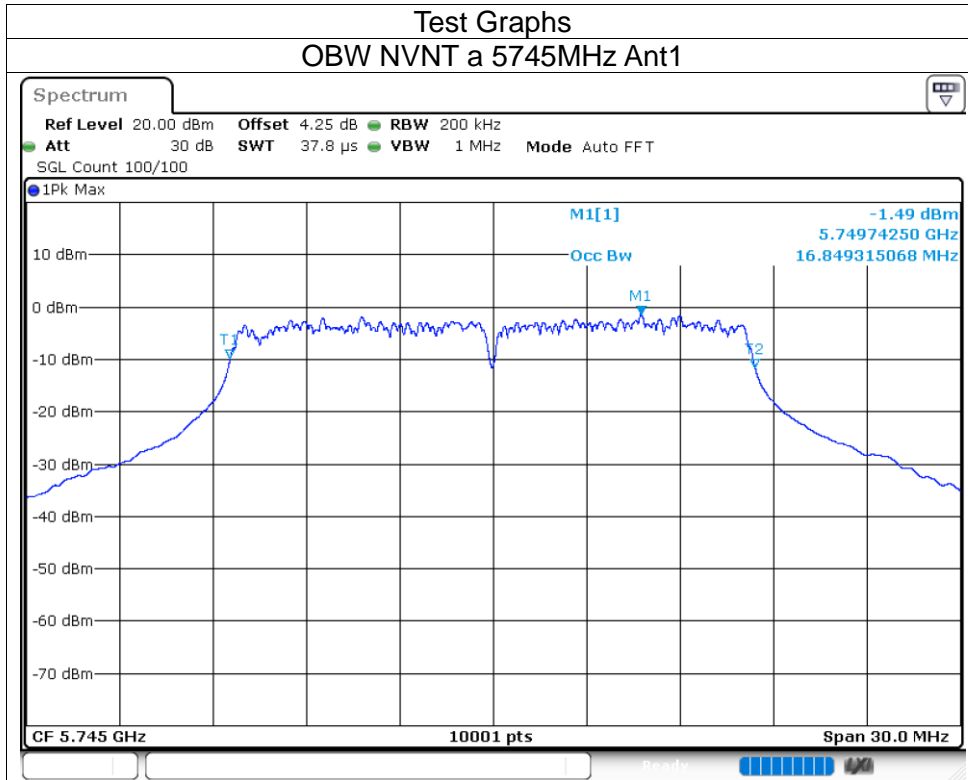


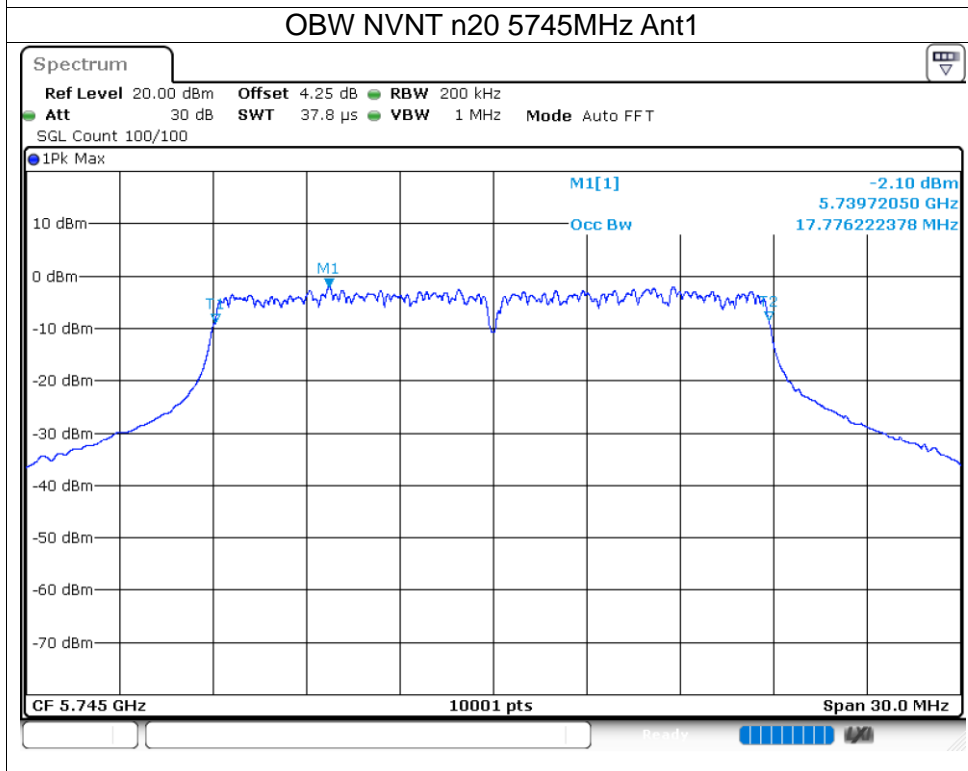
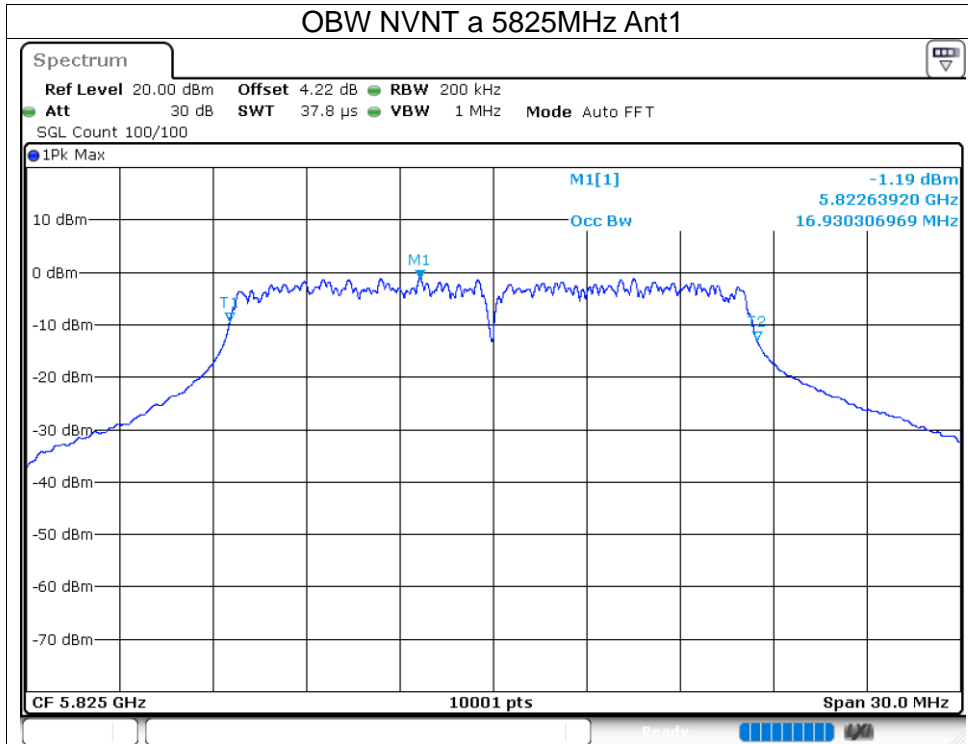


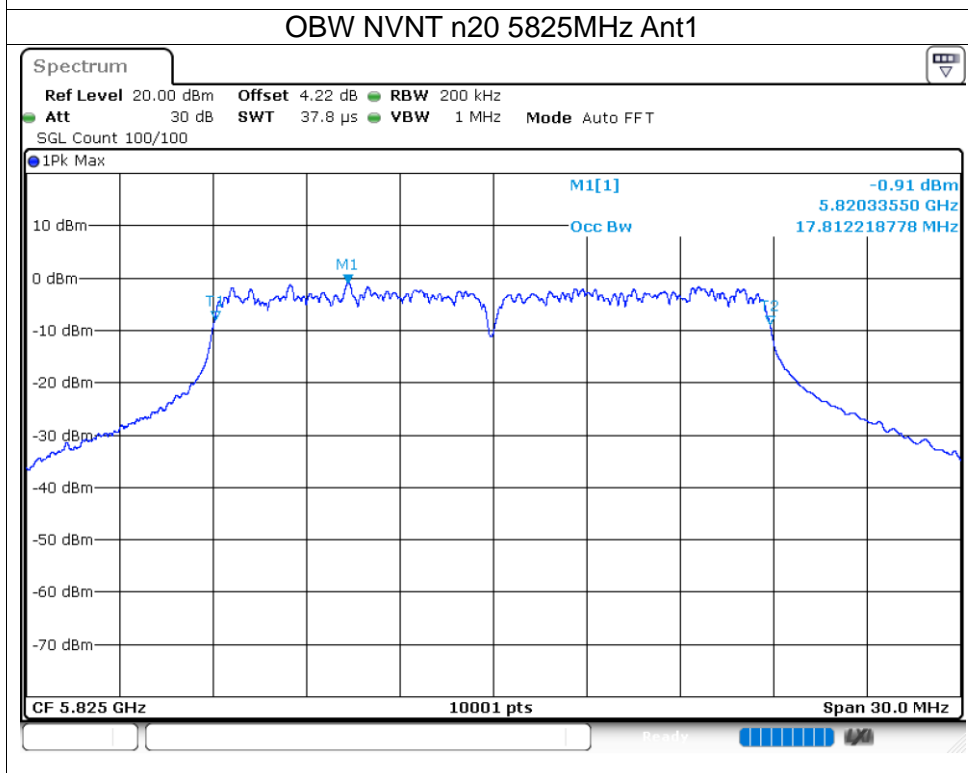
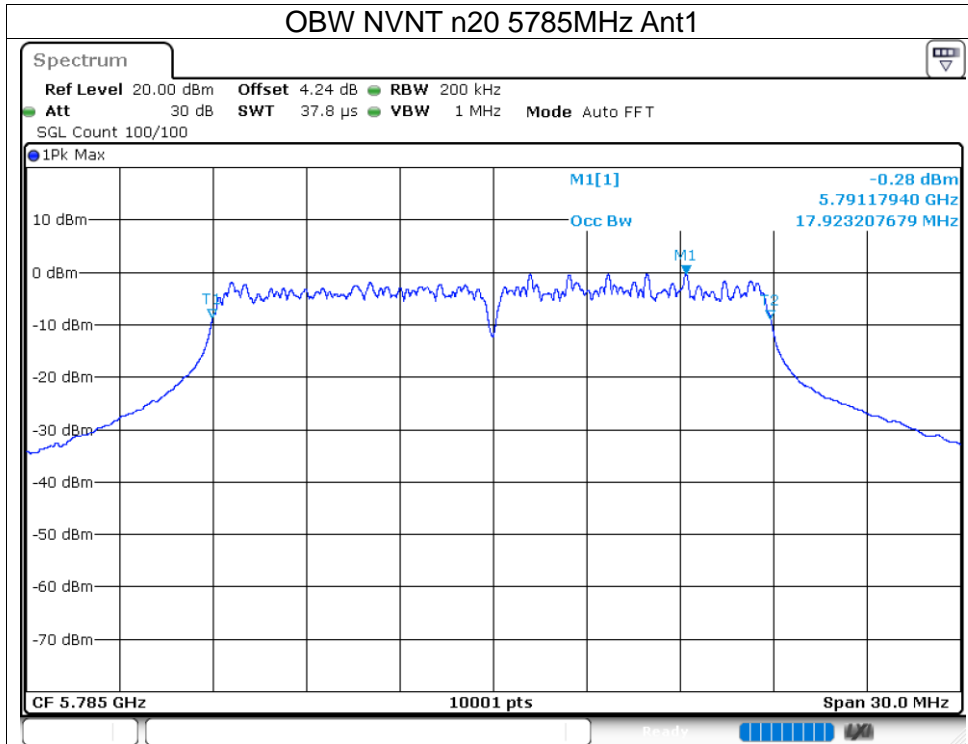


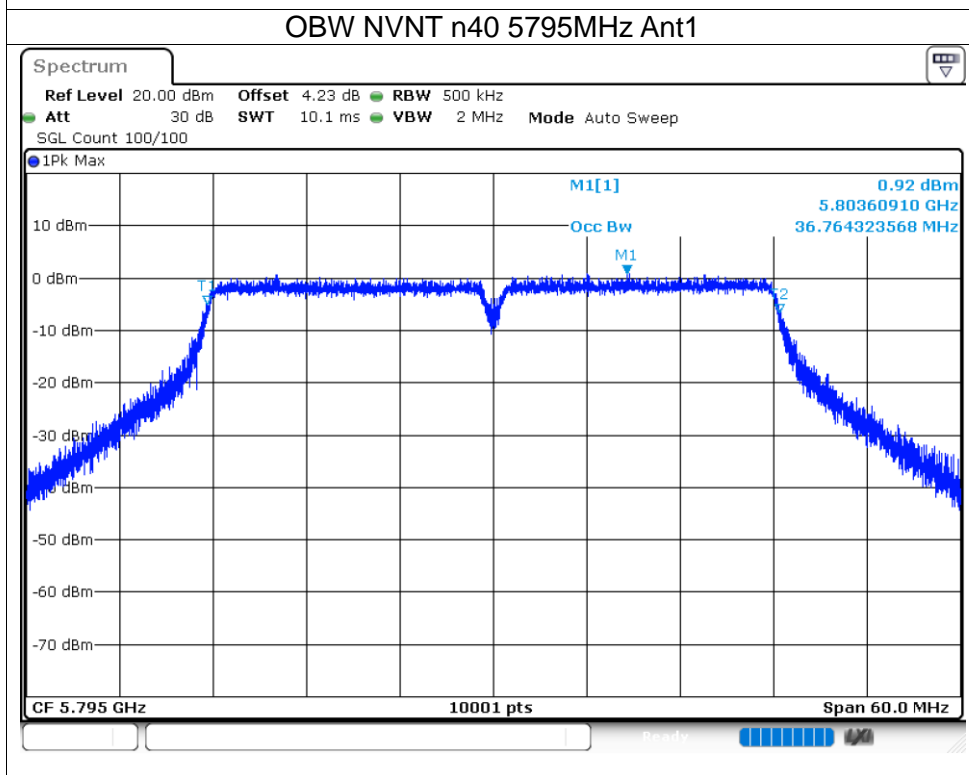
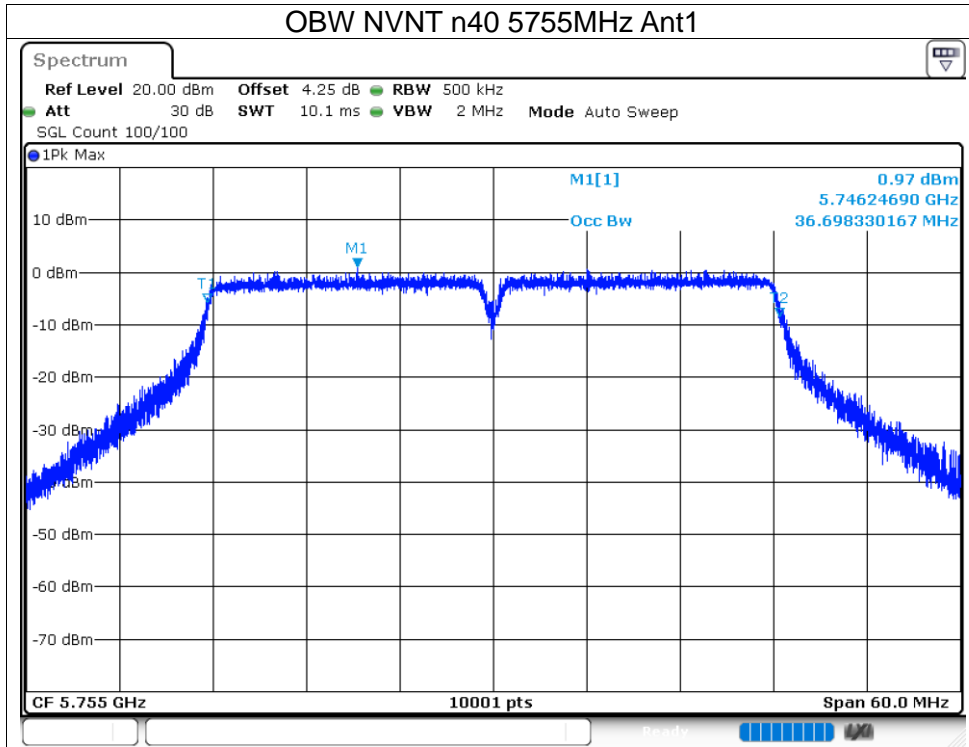
5.4 OCCUPIED CHANNEL BANDWIDTH

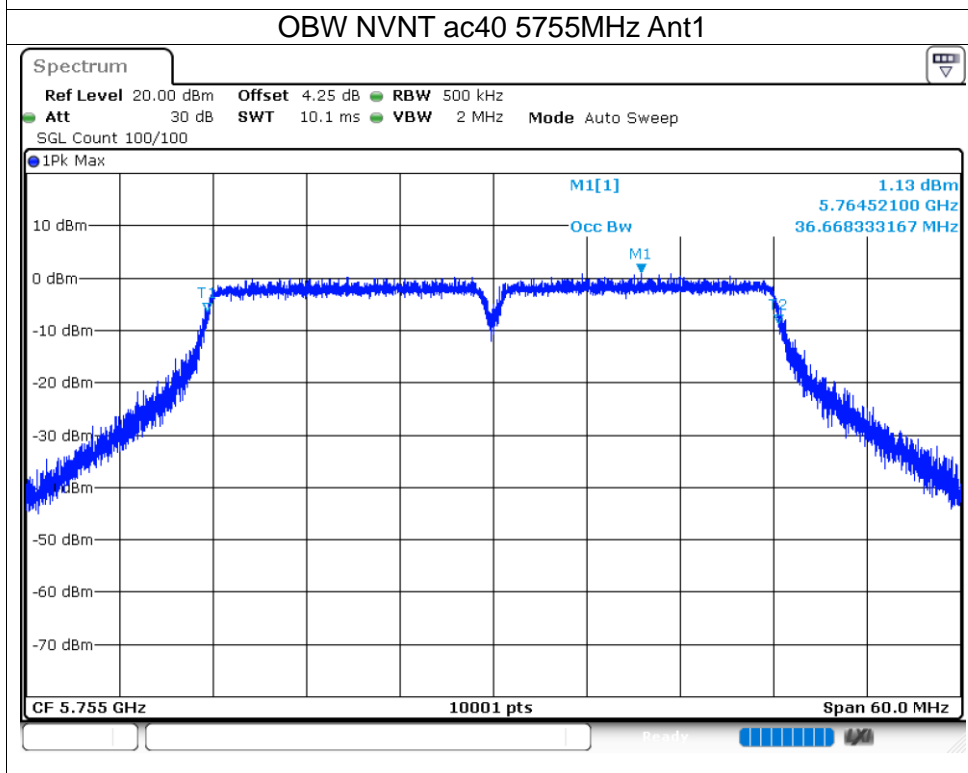
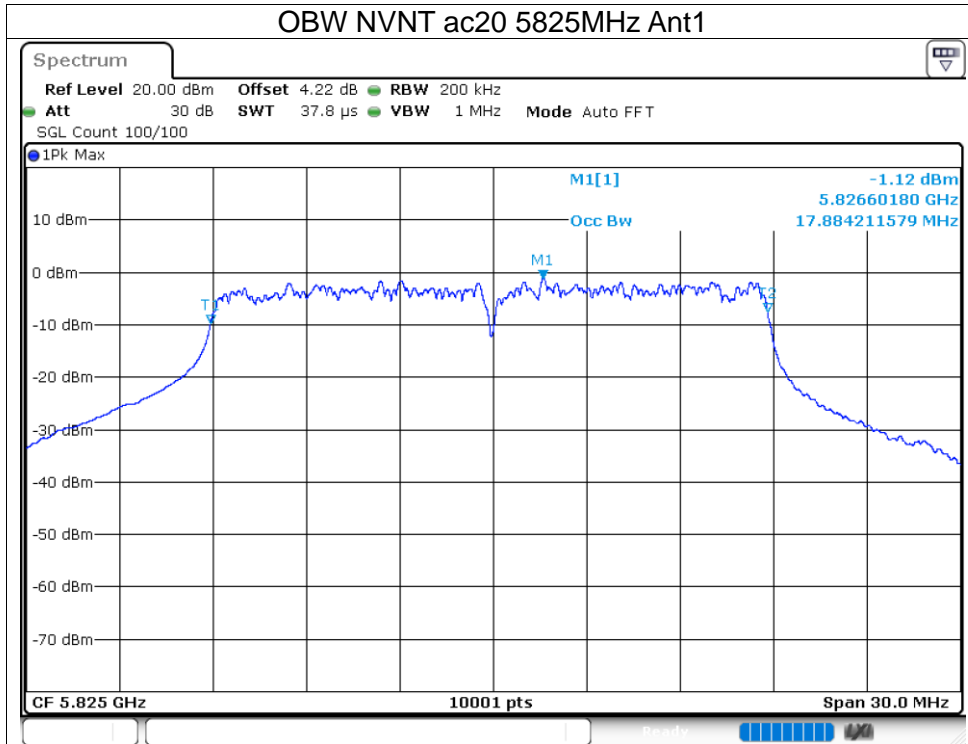
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.849
NVNT	a	5785	Ant1	16.864
NVNT	a	5825	Ant1	16.93
NVNT	n20	5745	Ant1	17.776
NVNT	n20	5785	Ant1	17.923
NVNT	n20	5825	Ant1	17.812
NVNT	n40	5755	Ant1	36.698
NVNT	n40	5795	Ant1	36.764
NVNT	ac20	5745	Ant1	18.025
NVNT	ac20	5785	Ant1	17.833
NVNT	ac20	5825	Ant1	17.884
NVNT	ac40	5755	Ant1	36.668
NVNT	ac40	5795	Ant1	36.752
NVNT	ax20	5745	Ant1	19.207
NVNT	ax20	5785	Ant1	19.249
NVNT	ax20	5825	Ant1	19.024
NVNT	ax40	5755	Ant1	37.958
NVNT	ax40	5795	Ant1	38.006

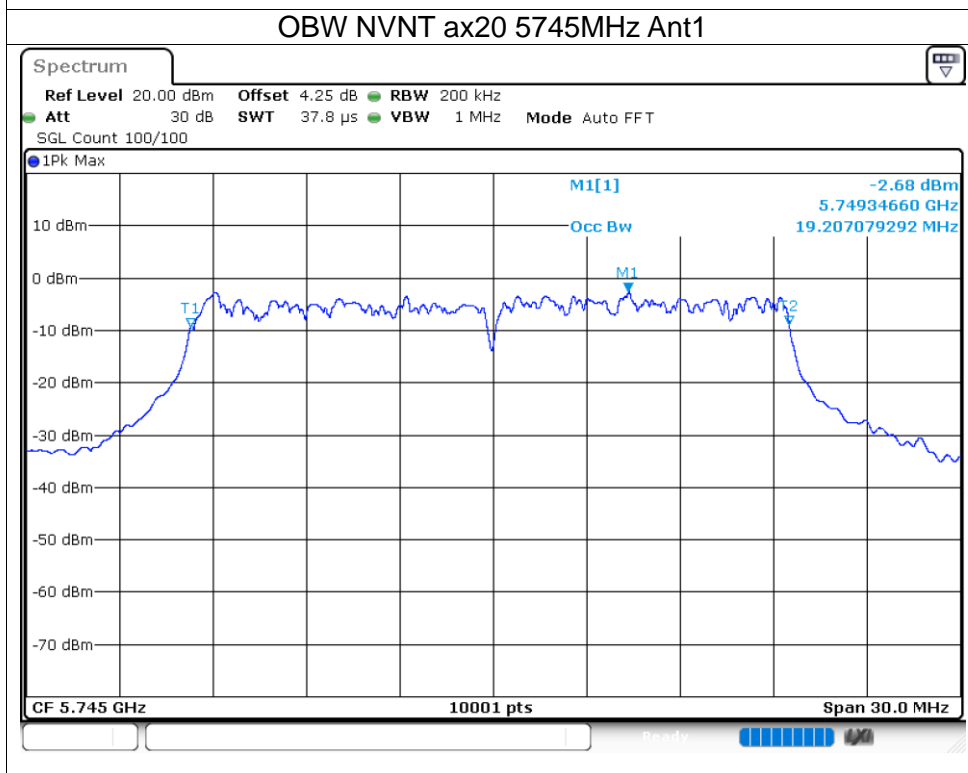
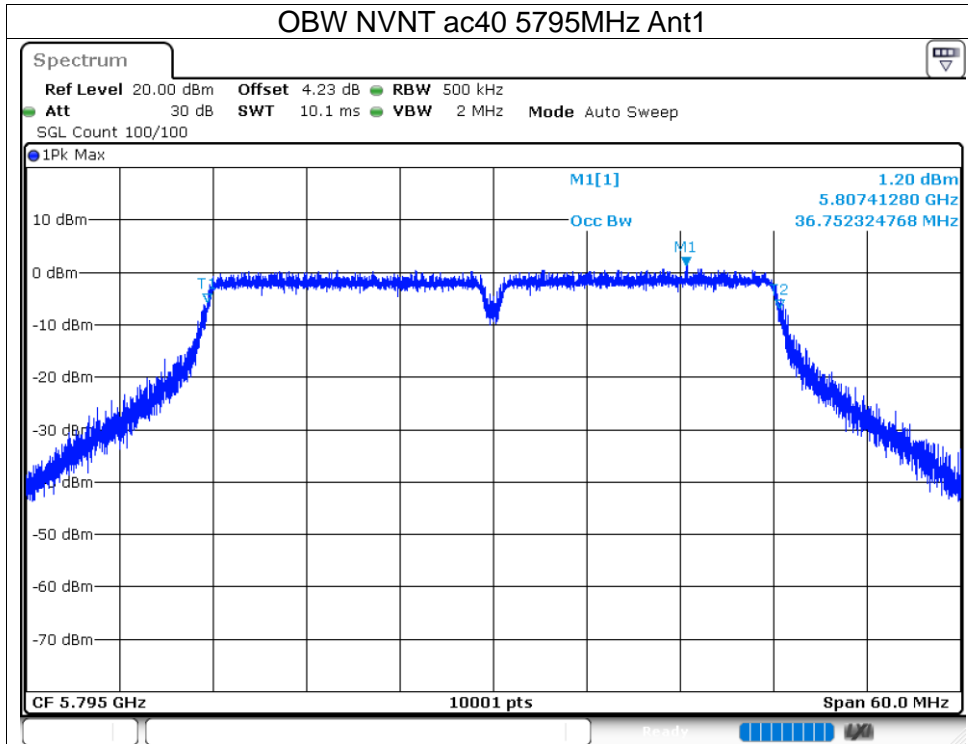


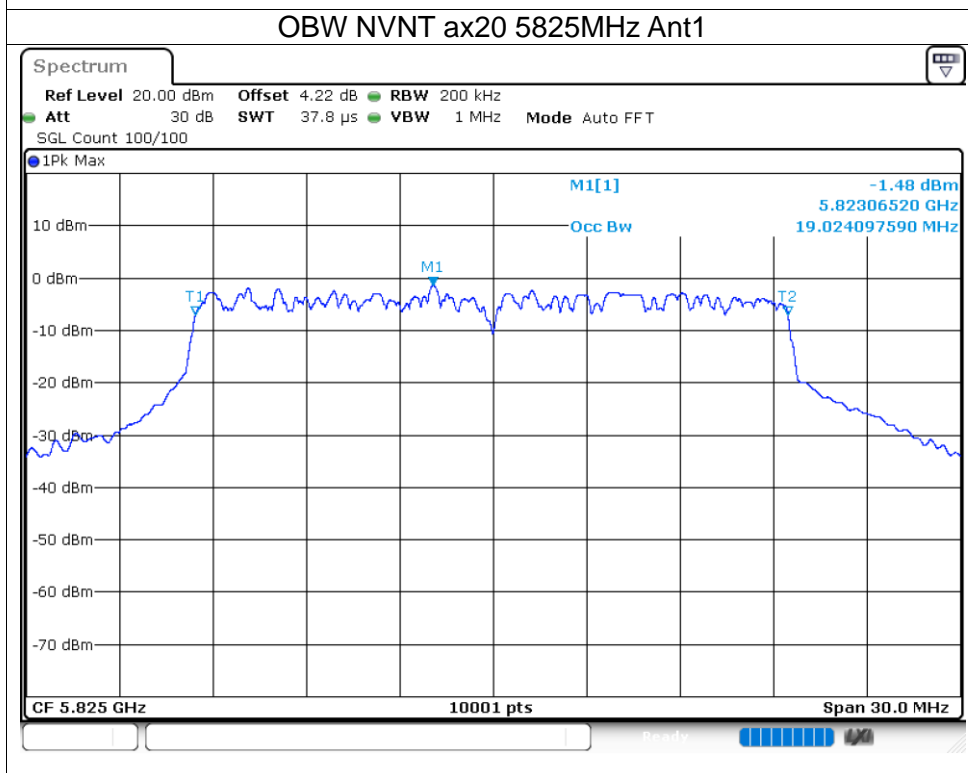
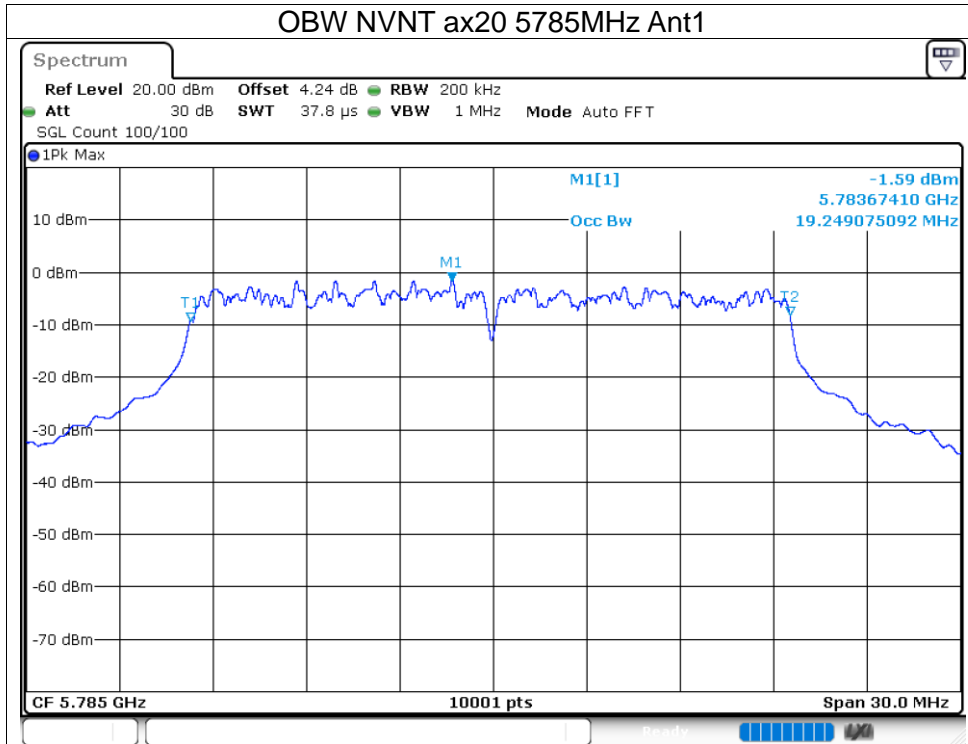


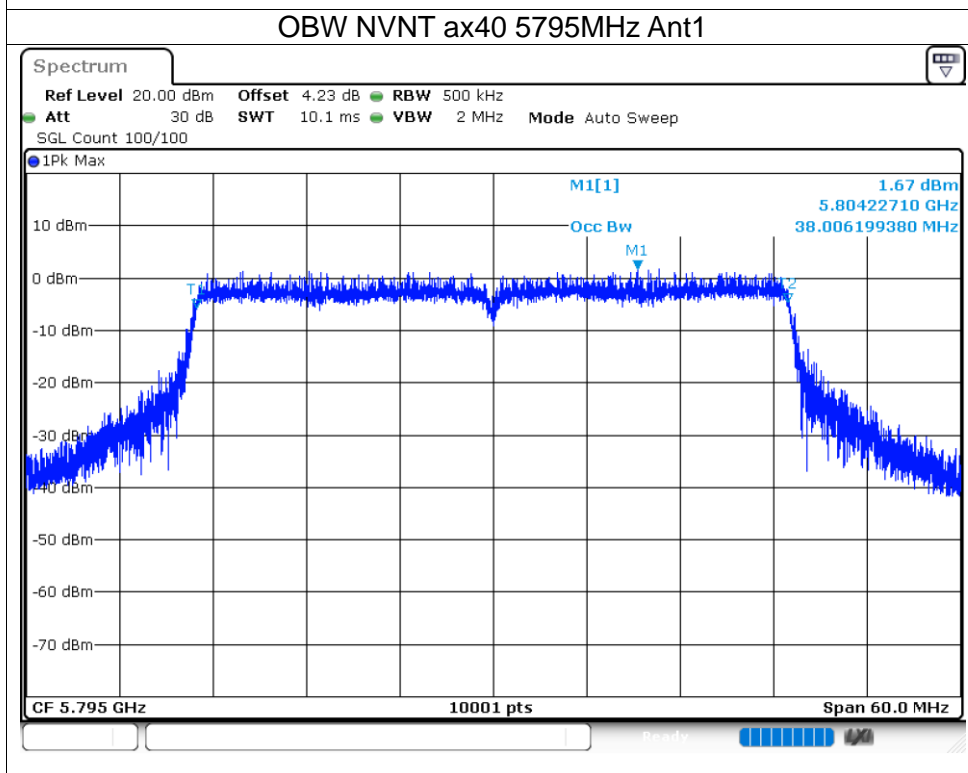
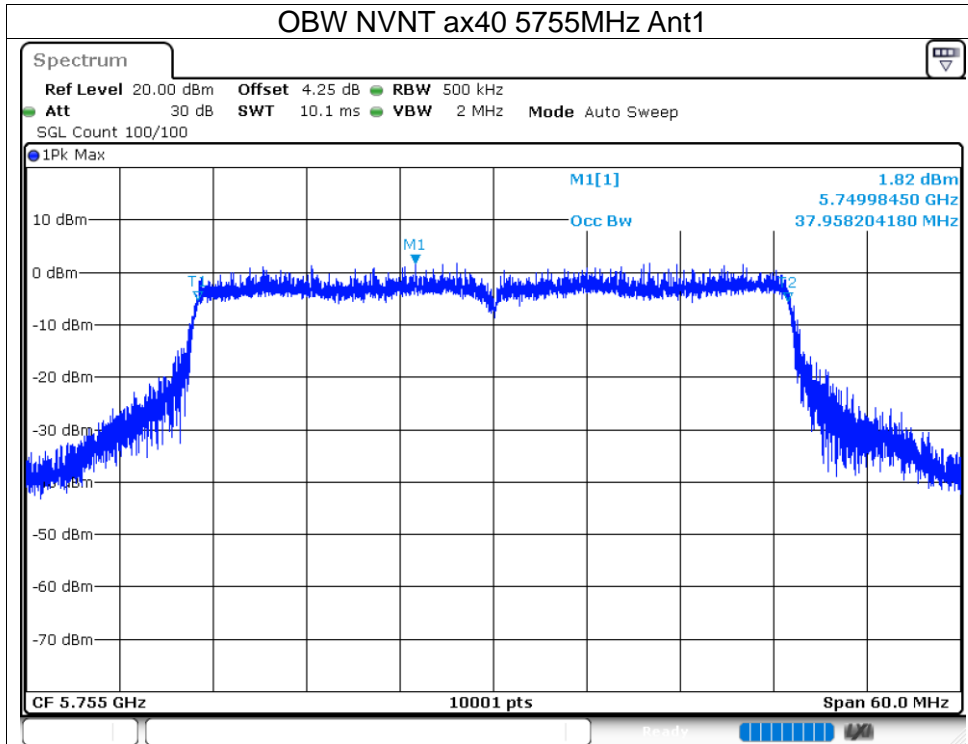






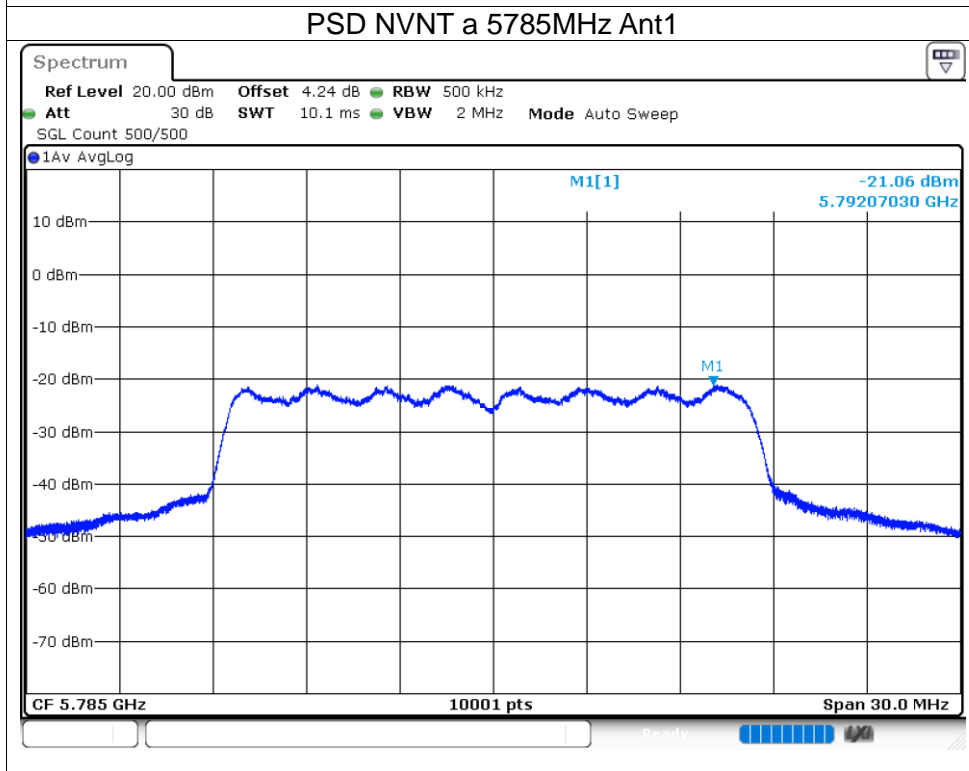
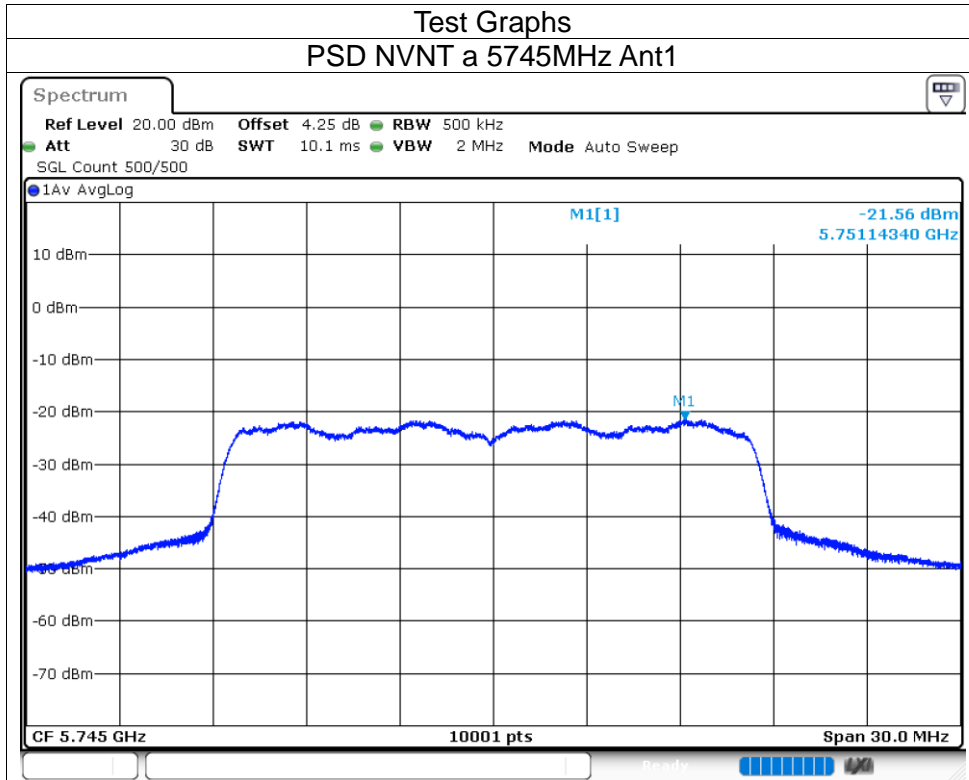


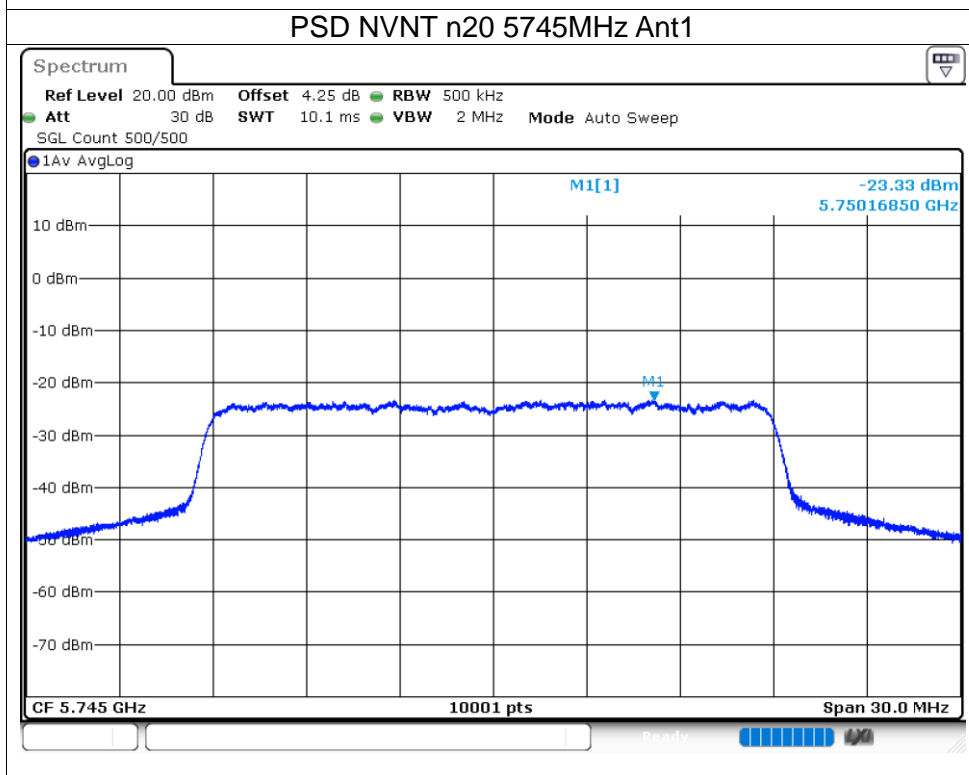
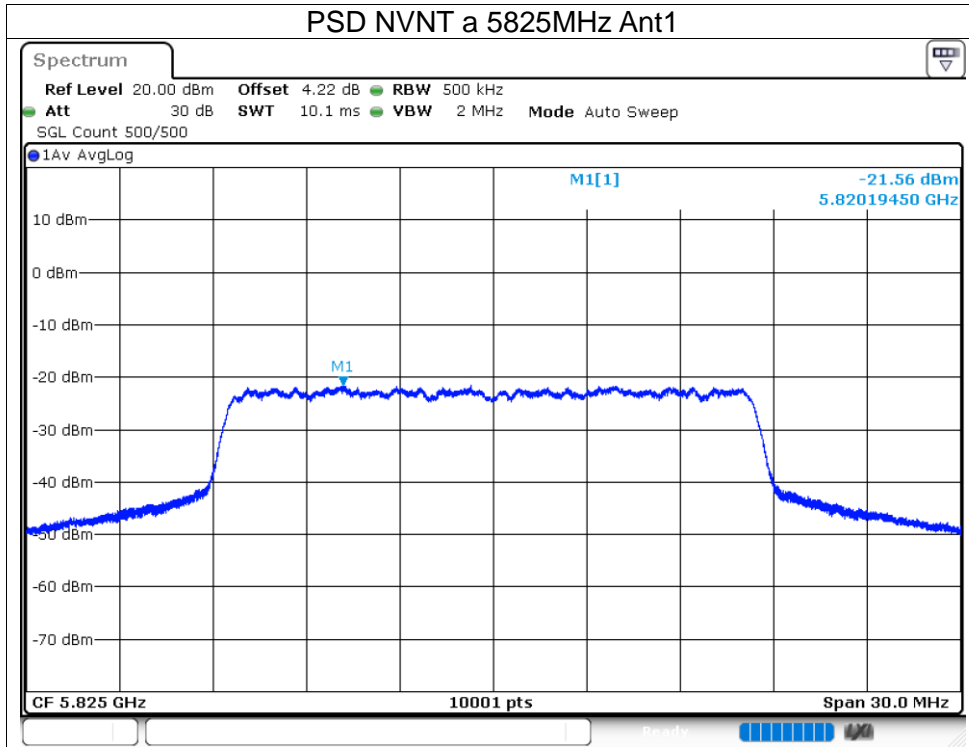


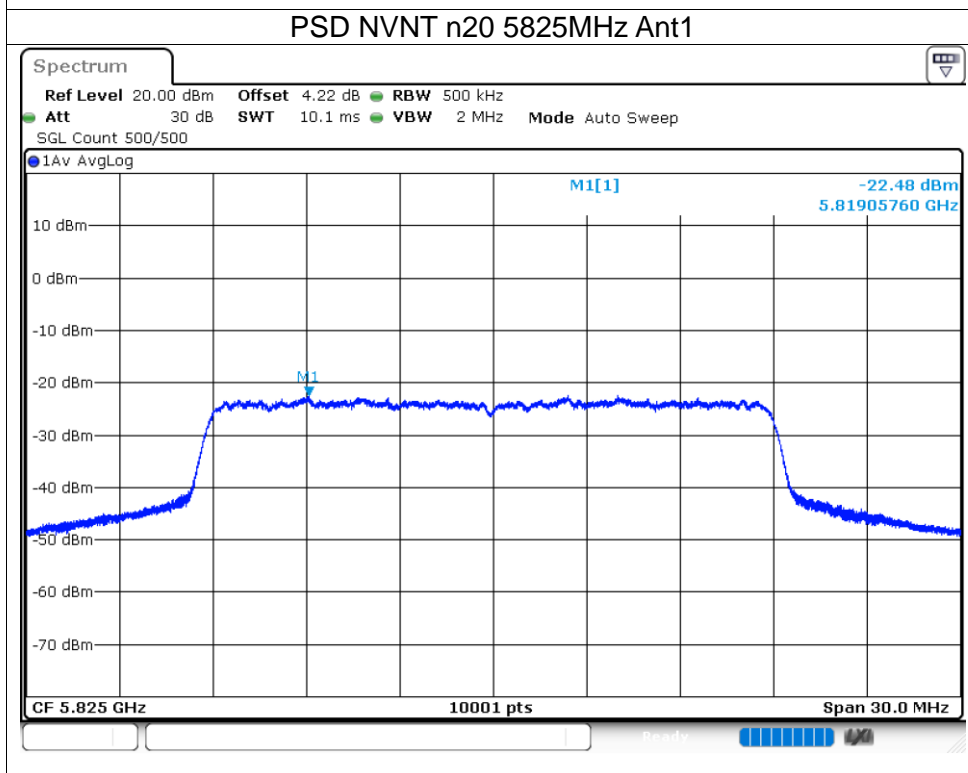
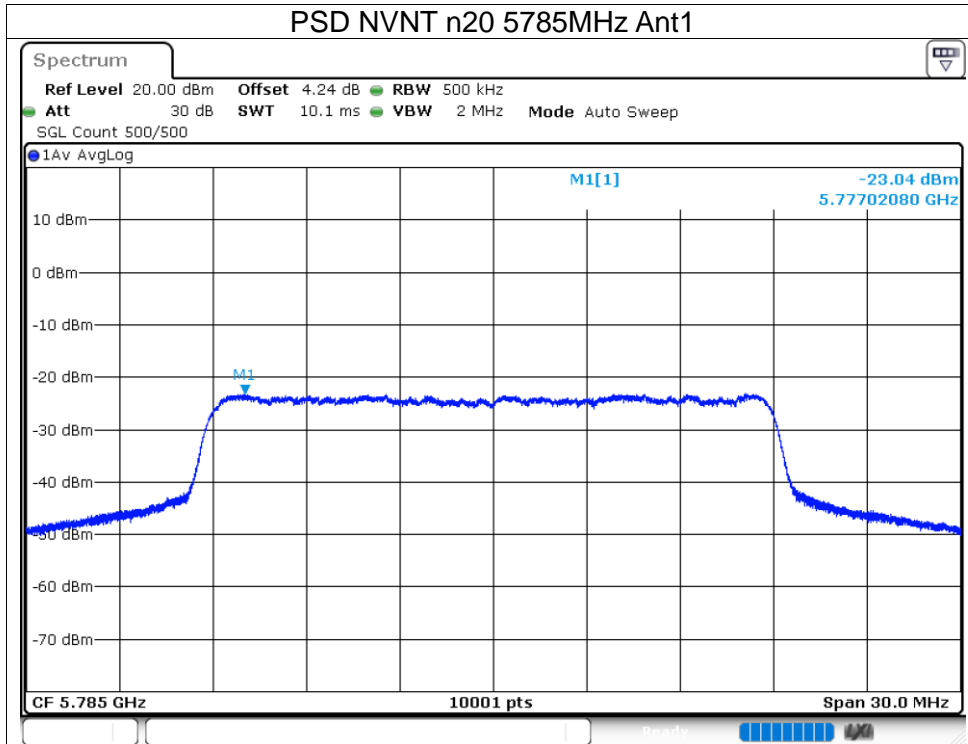


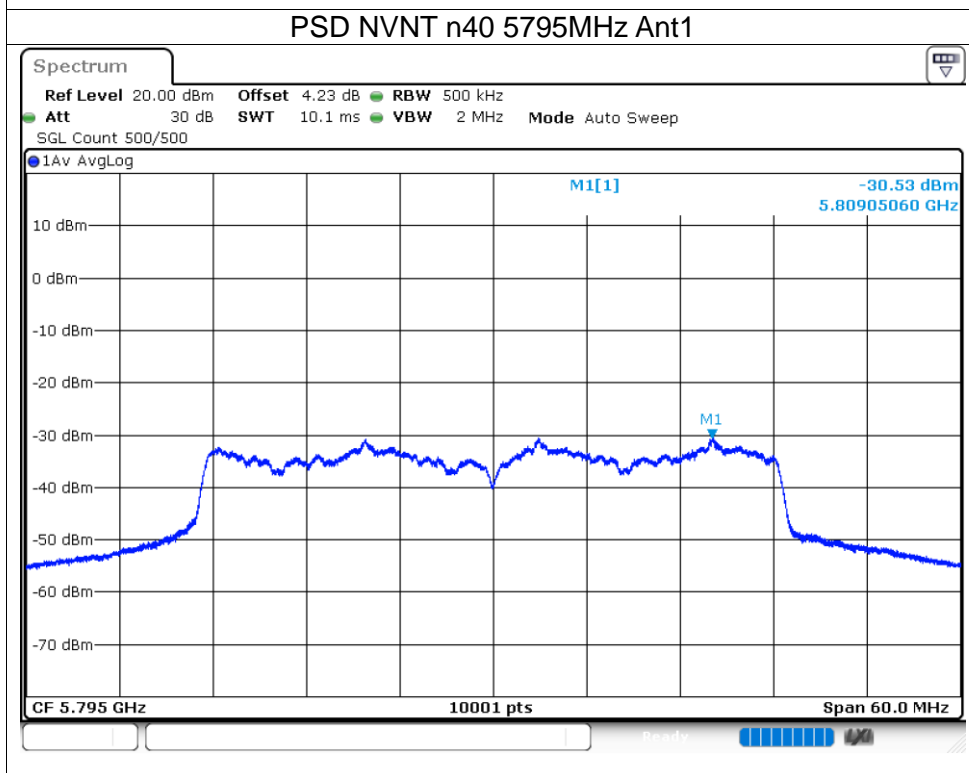
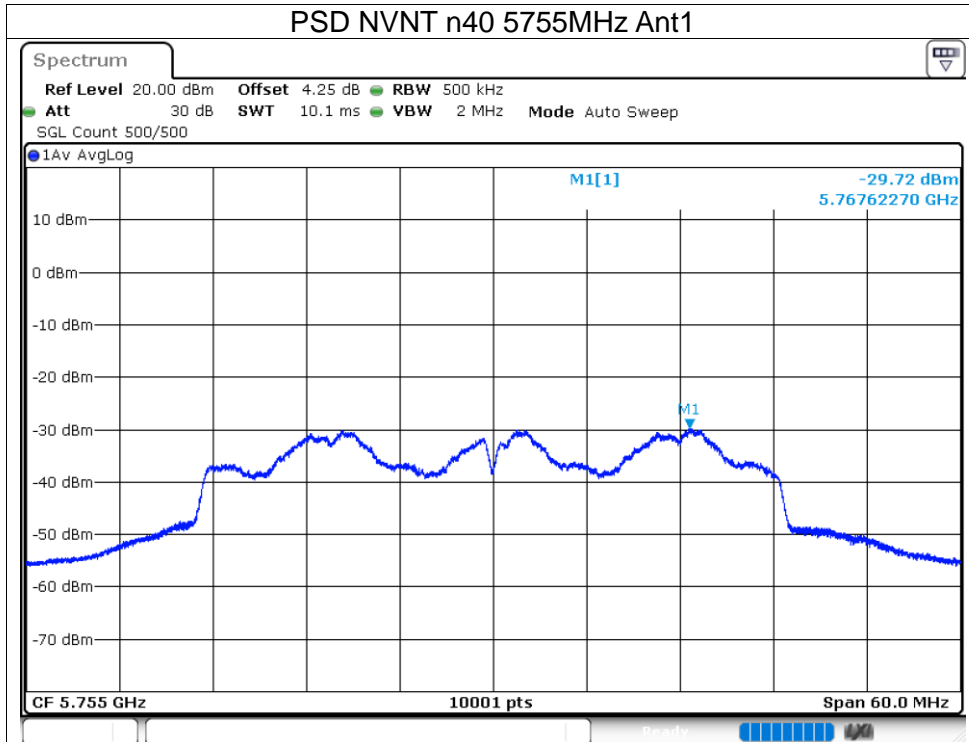
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

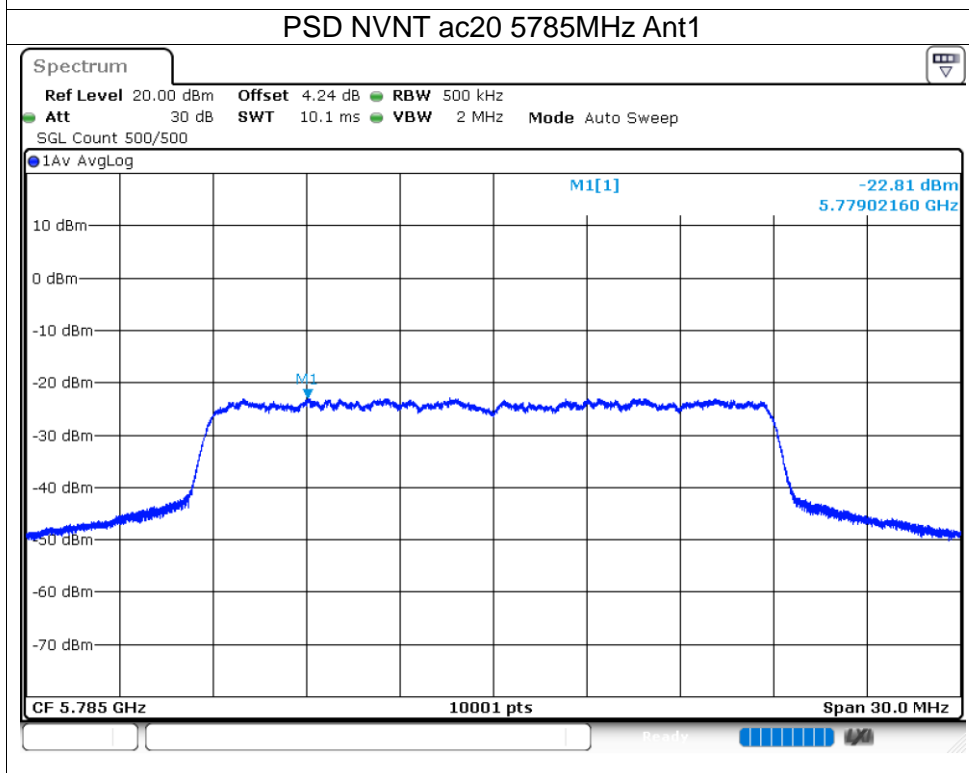
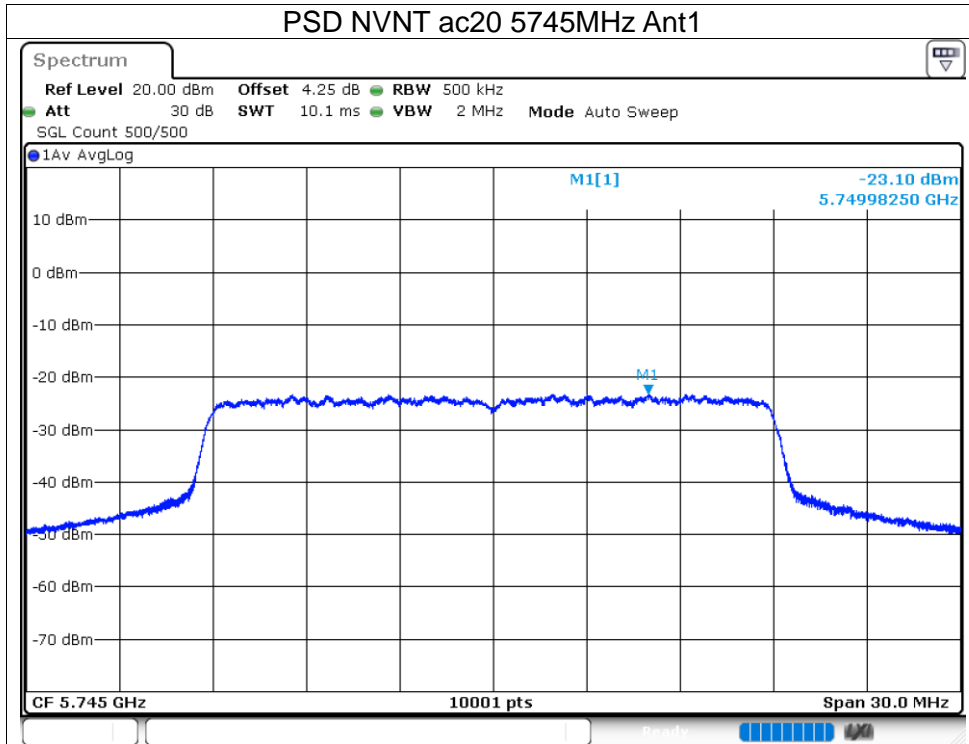
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-21.56	1.74	-19.82	30	Pass
NVNT	a	5785	Ant1	-21.06	1.75	-19.31	30	Pass
NVNT	a	5825	Ant1	-21.56	1.76	-19.8	30	Pass
NVNT	n20	5745	Ant1	-23.33	1.83	-21.5	30	Pass
NVNT	n20	5785	Ant1	-23.04	1.86	-21.18	30	Pass
NVNT	n20	5825	Ant1	-22.48	1.82	-20.66	30	Pass
NVNT	n40	5755	Ant1	-29.72	3.19	-26.53	30	Pass
NVNT	n40	5795	Ant1	-30.53	3.18	-27.35	30	Pass
NVNT	ac20	5745	Ant1	-23.1	1.84	-21.26	30	Pass
NVNT	ac20	5785	Ant1	-22.81	1.88	-20.93	30	Pass
NVNT	ac20	5825	Ant1	-22.45	1.83	-20.62	30	Pass
NVNT	ac40	5755	Ant1	-25.9	3.13	-22.77	30	Pass
NVNT	ac40	5795	Ant1	-22.22	3.16	-19.06	30	Pass
NVNT	ax20	5745	Ant1	-26.73	2.24	-24.49	30	Pass
NVNT	ax20	5785	Ant1	-26.61	2.3	-24.31	30	Pass
NVNT	ax20	5825	Ant1	-25.98	2.25	-23.73	30	Pass
NVNT	ax40	5755	Ant1	-35.79	3.66	-32.13	30	Pass
NVNT	ax40	5795	Ant1	-36.01	3.63	-32.38	30	Pass

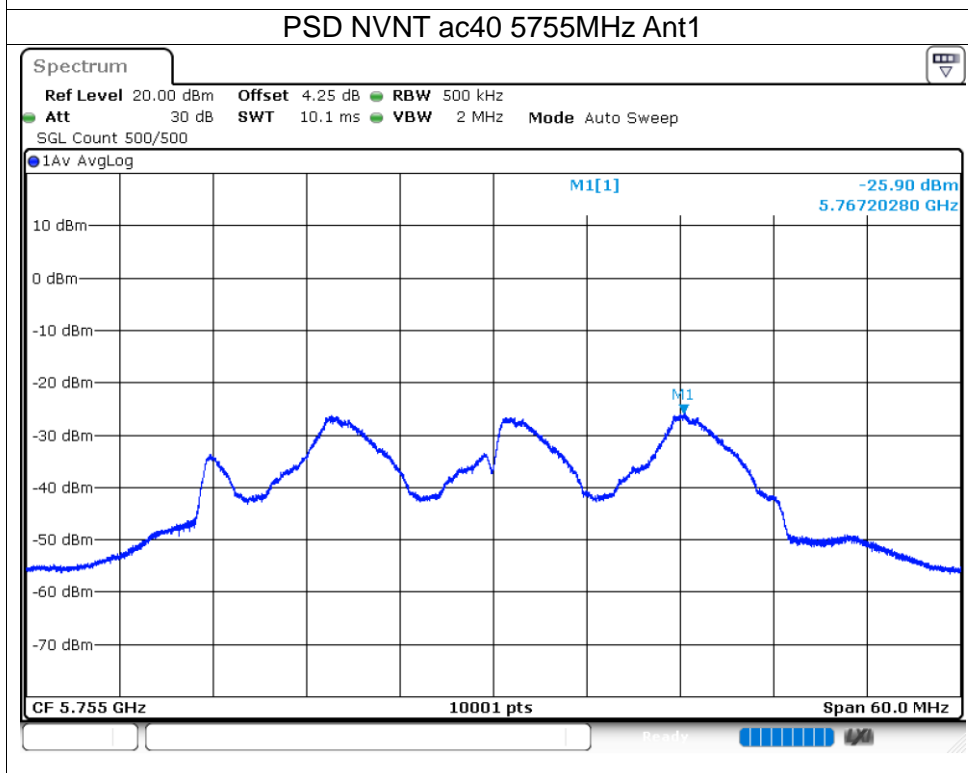
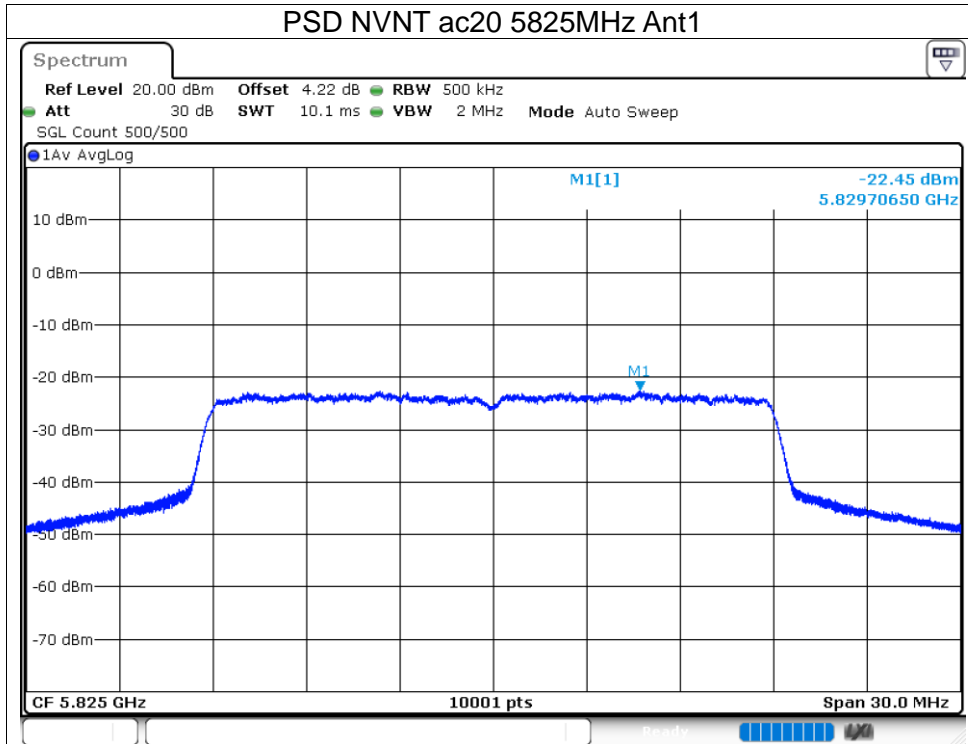


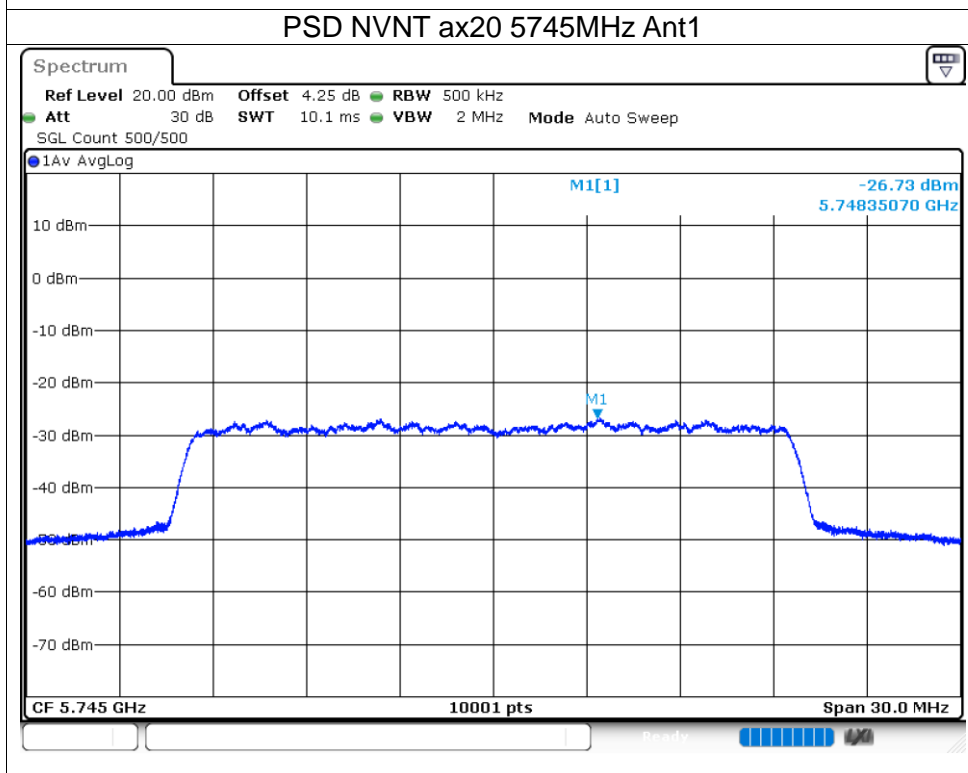
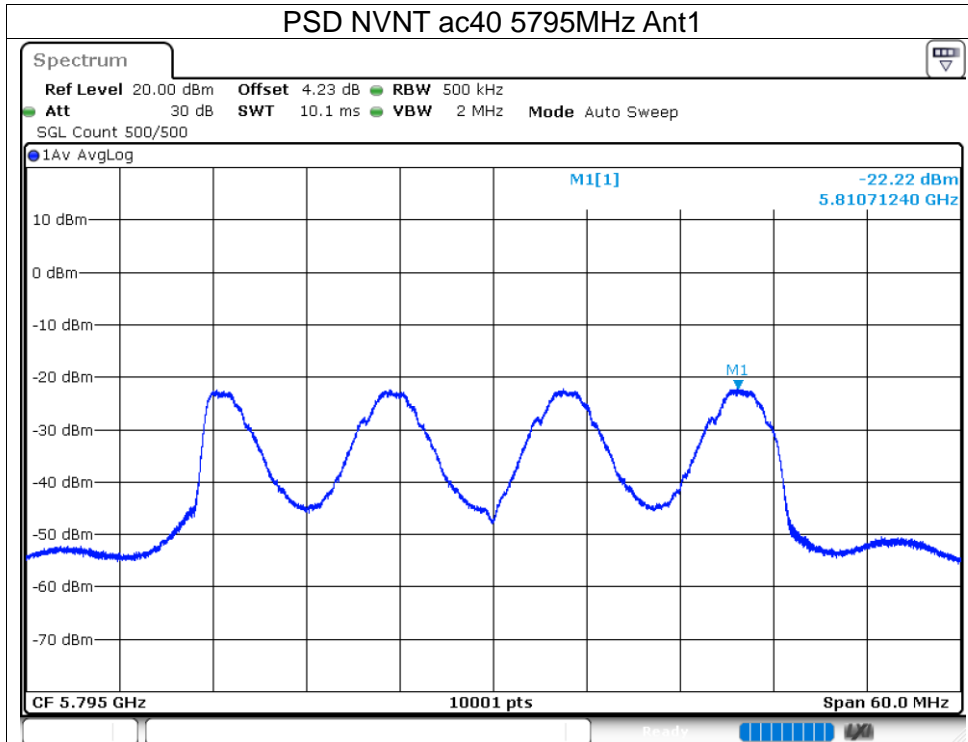


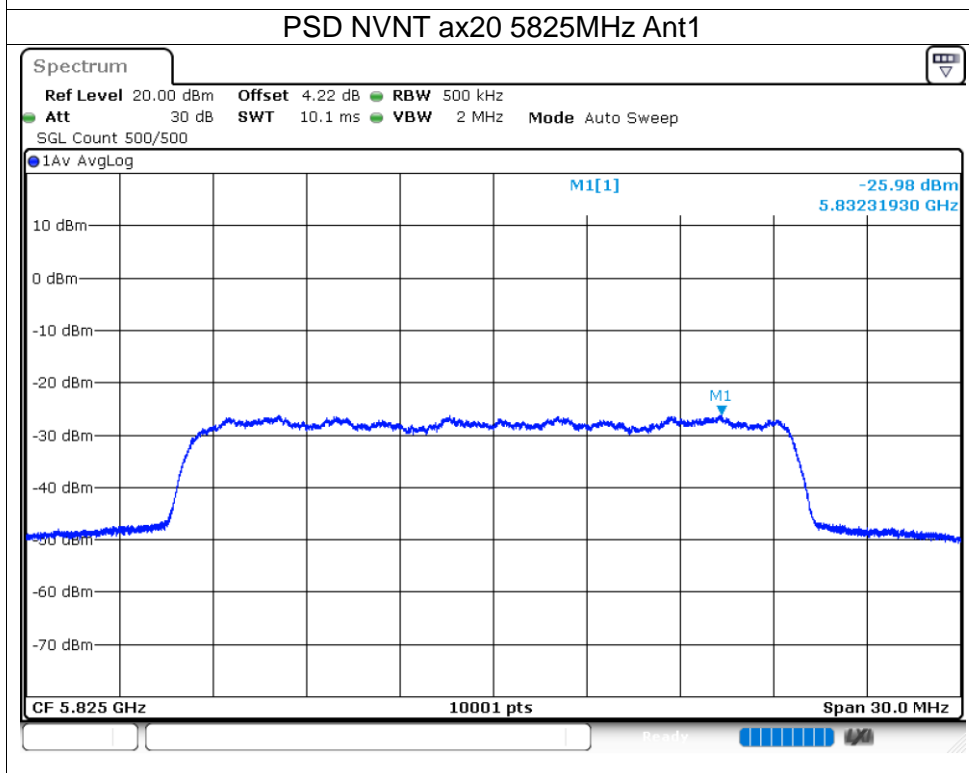
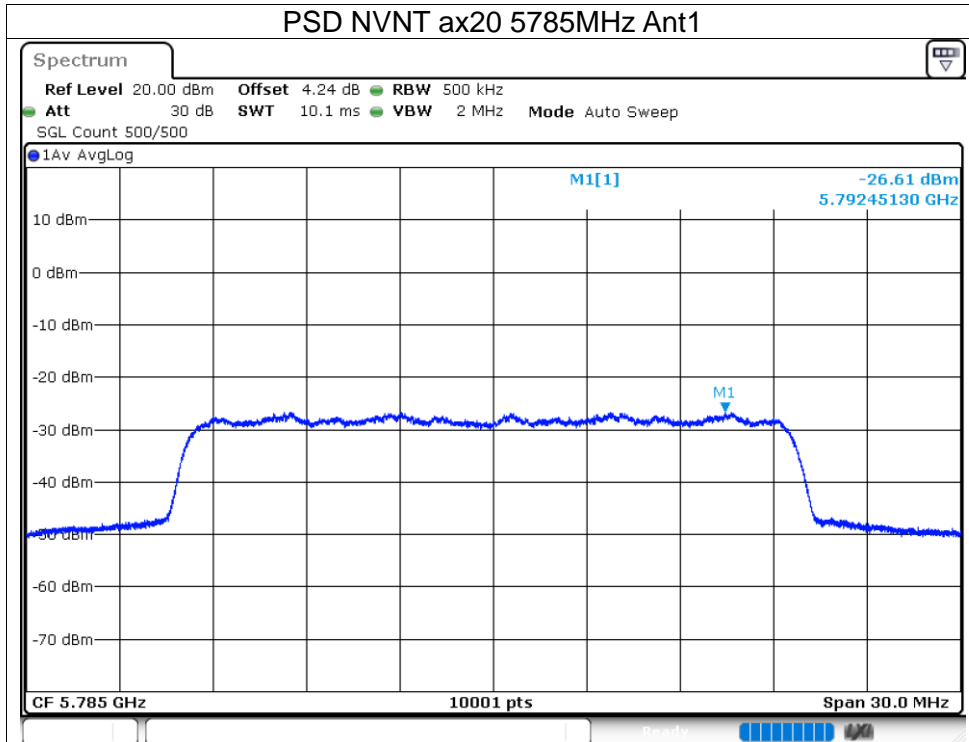


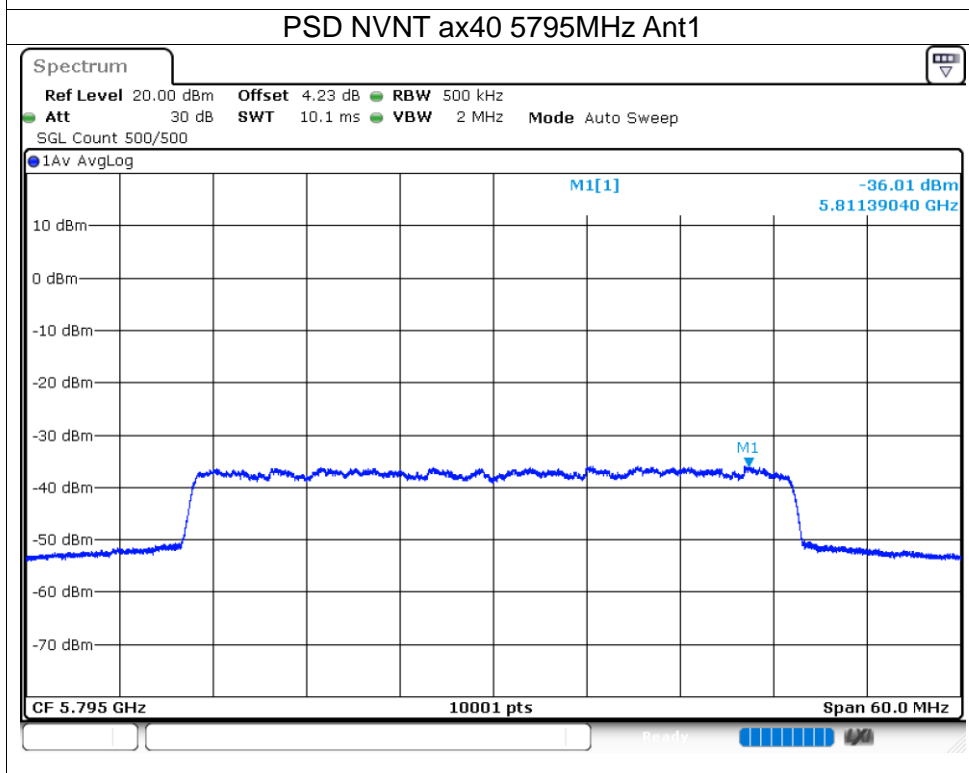
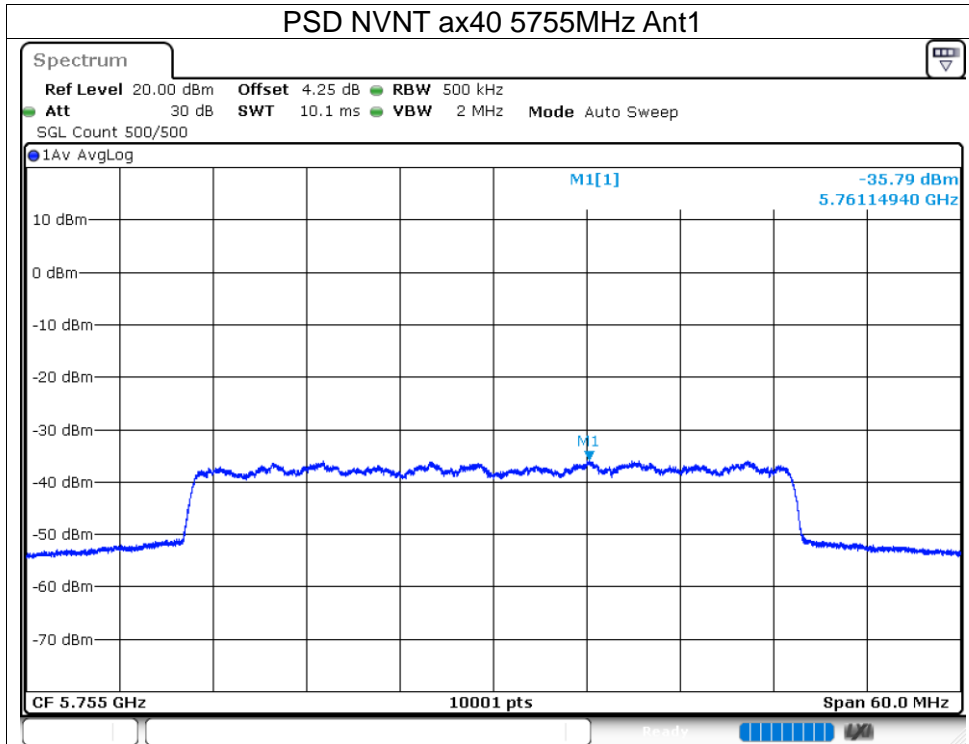












5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-26.5	Pass
NVNT	a	5825	Ant1	-28.68	Pass
NVNT	n20	5745	Ant1	-27.82	Pass
NVNT	n20	5825	Ant1	-28.47	Pass
NVNT	n40	5755	Ant1	-28.37	Pass
NVNT	n40	5795	Ant1	-29.01	Pass
NVNT	ac20	5745	Ant1	-25.29	Pass
NVNT	ac20	5825	Ant1	-27.72	Pass
NVNT	ac40	5755	Ant1	-29.26	Pass
NVNT	ac40	5795	Ant1	-28.66	Pass
NVNT	ax20	5745	Ant1	-25.43	Pass
NVNT	ax20	5825	Ant1	-29.01	Pass
NVNT	ax40	5755	Ant1	-23.54	Pass
NVNT	ax40	5795	Ant1	-28.81	Pass

