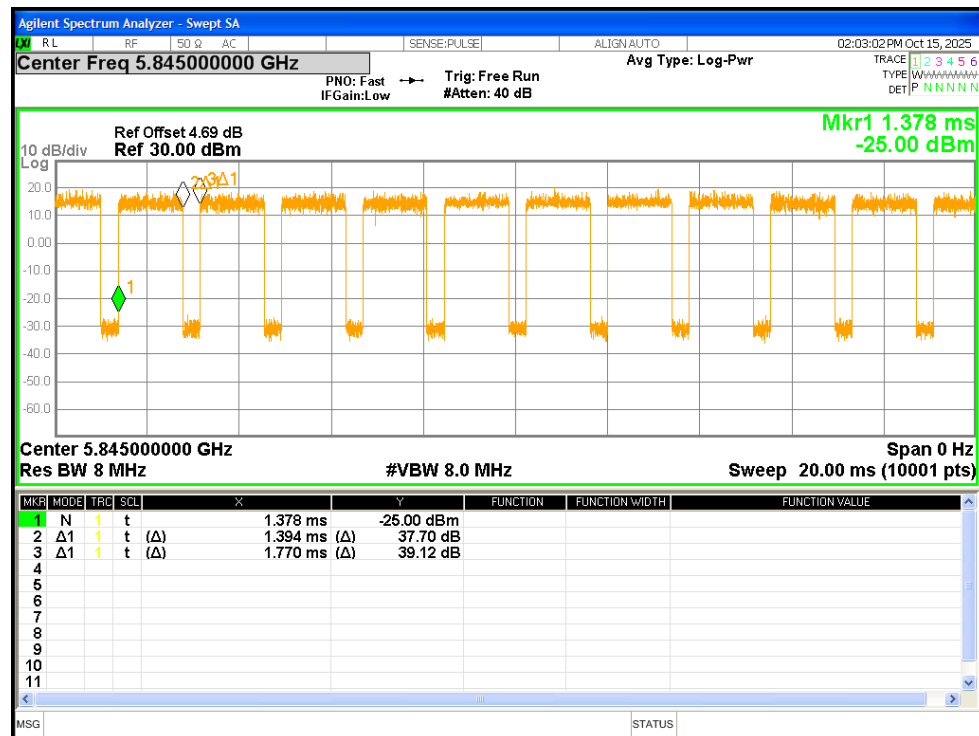


Duty Cycle

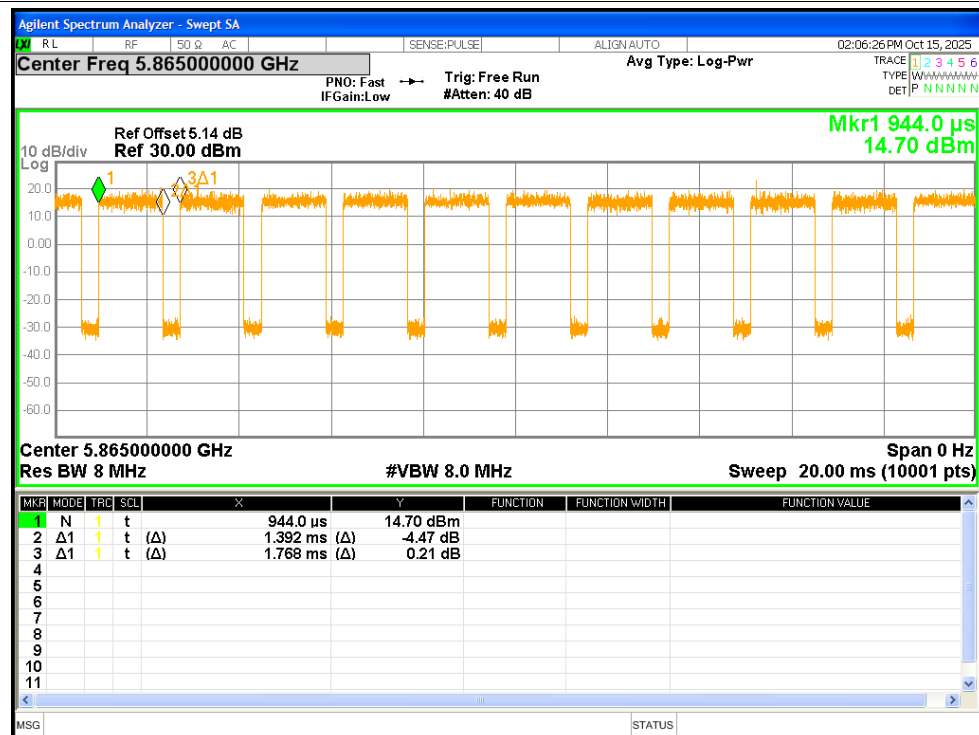
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5845	1.394	1.77	78.76	1.04	0.72	0.27
NVNT	a	5865	1.392	1.768	78.73	1.04	0.72	0.23
NVNT	a	5885	1.392	1.768	78.73	1.04	0.72	0.22
NVNT	a	5845	1.392	1.768	78.73	1.04	0.72	0.24
NVNT	a	5885	1.394	1.768	78.85	1.03	0.72	0.21
NVNT	n20	5845	1.3	1.676	77.57	1.1	0.77	0.22
NVNT	n20	5865	1.3	1.676	77.57	1.1	0.77	0.24
NVNT	n20	5885	1.3	1.684	77.2	1.12	0.77	0.23
NVNT	n40	5835	0.65	1.042	62.38	2.05	1.54	0.22
NVNT	n40	5875	0.648	1.042	62.19	2.06	1.54	0.24
NVNT	ac20	5845	0.68	1.074	63.31	1.99	1.47	0.21
NVNT	ac20	5865	0.68	0.686	99.13	0.04	1.47	0.21
NVNT	ac20	5885	0.68	1.066	63.79	1.95	1.47	0.24
NVNT	ac40	5835	0.352	0.738	47.7	3.21	2.84	0.39
NVNT	ac40	5875	0.352	0.728	48.35	3.16	2.84	0.21
NVNT	ac80	5855	0.188	0.582	32.3	4.91	5.32	0.33
NVNT	ax20	5845	0.204	0.58	35.17	4.54	4.9	0.30
NVNT	ax20	5865	0.202	0.58	34.83	4.58	4.95	0.35
NVNT	ax20	5885	0.204	0.58	35.17	4.54	4.9	0.22
NVNT	ax40	5835	0.202	0.58	34.83	4.58	4.95	0.22
NVNT	ax40	5875	0.204	0.58	35.17	4.54	4.9	0.22
NVNT	ax80	5855	0.194	0.58	33.45	4.76	5.15	0.23

Test Graphs

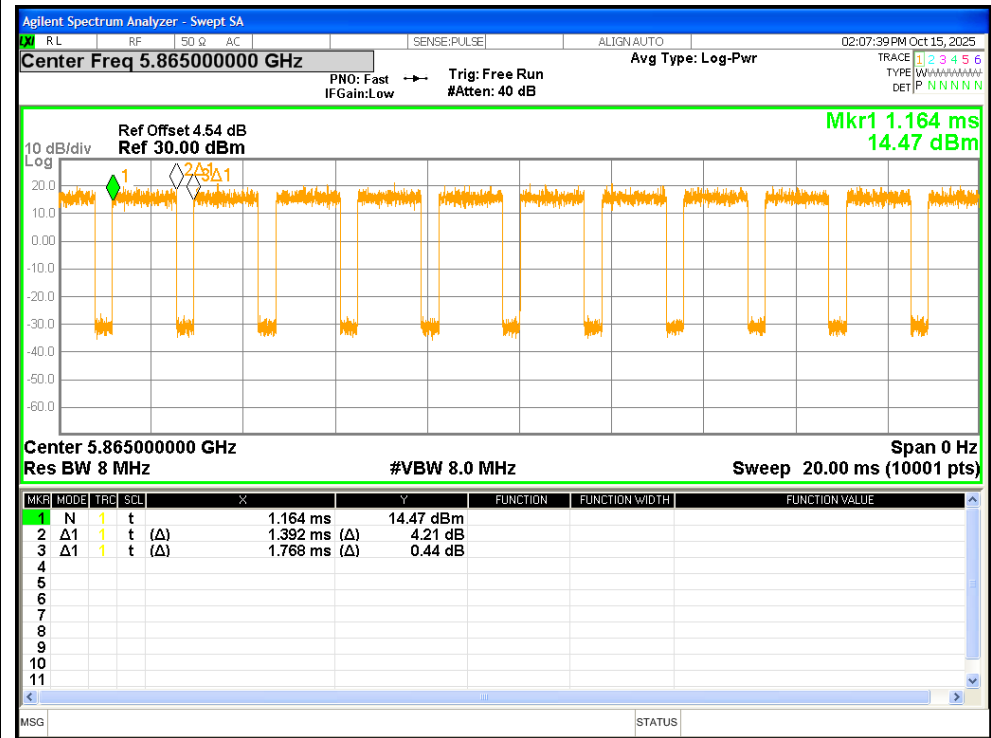
Duty Cycle NVNT a 5845MHz



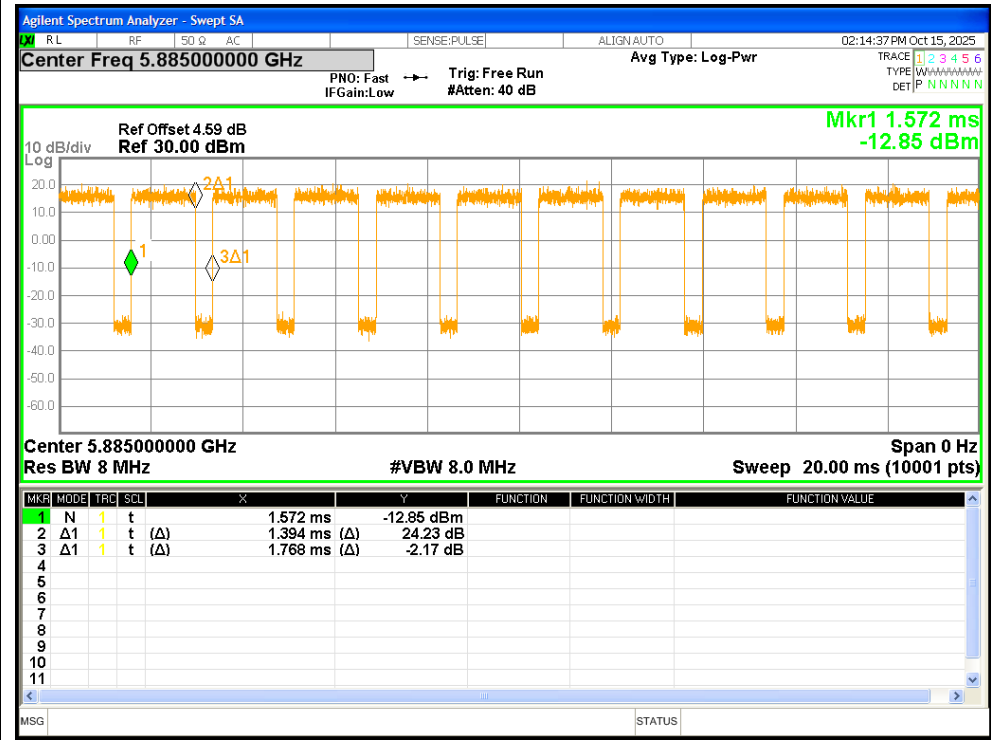
Duty Cycle NVNT a 5865MHz



Duty Cycle NVNT a 5865MHz

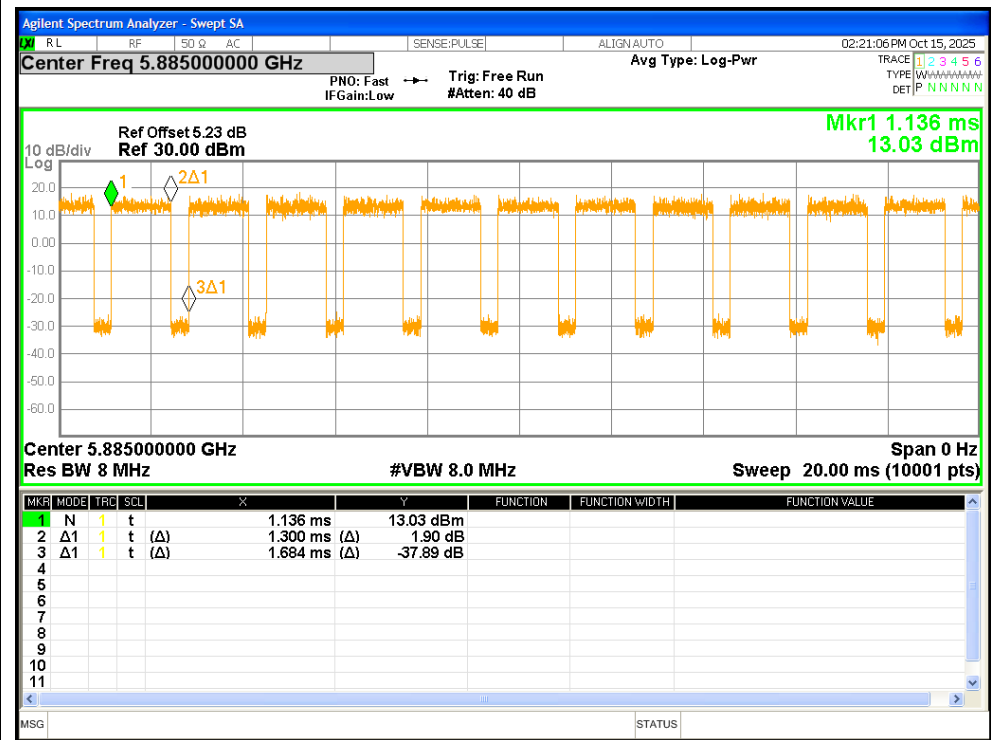


Duty Cycle NVNT a 5885MHz

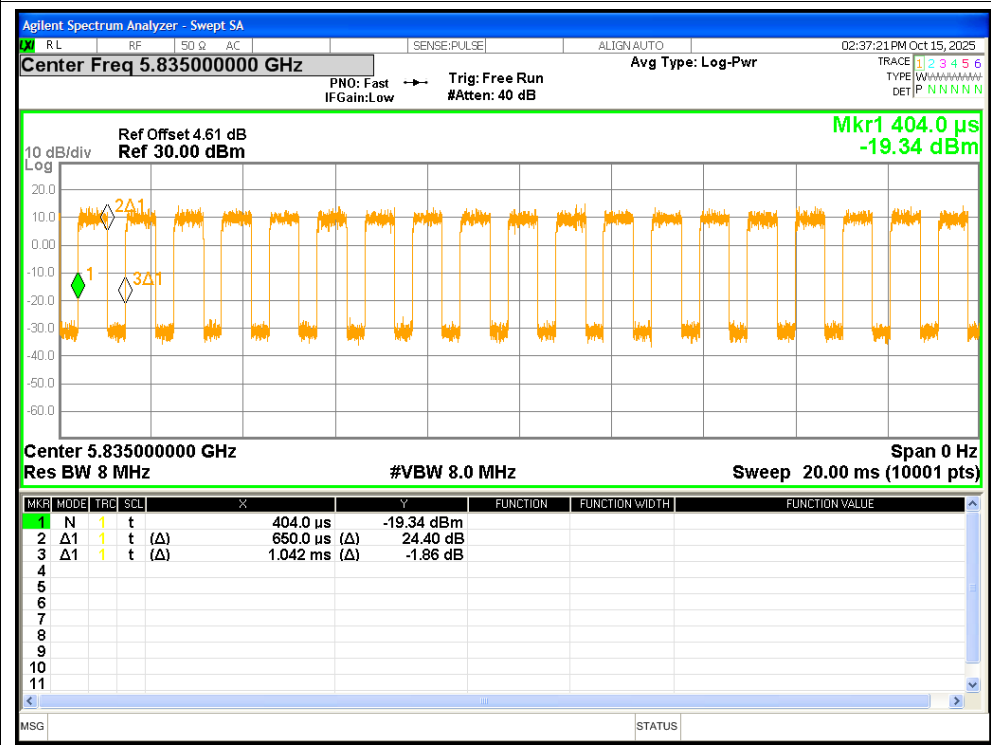


Duty Cycle NVNT n20 5845MHz MIMO

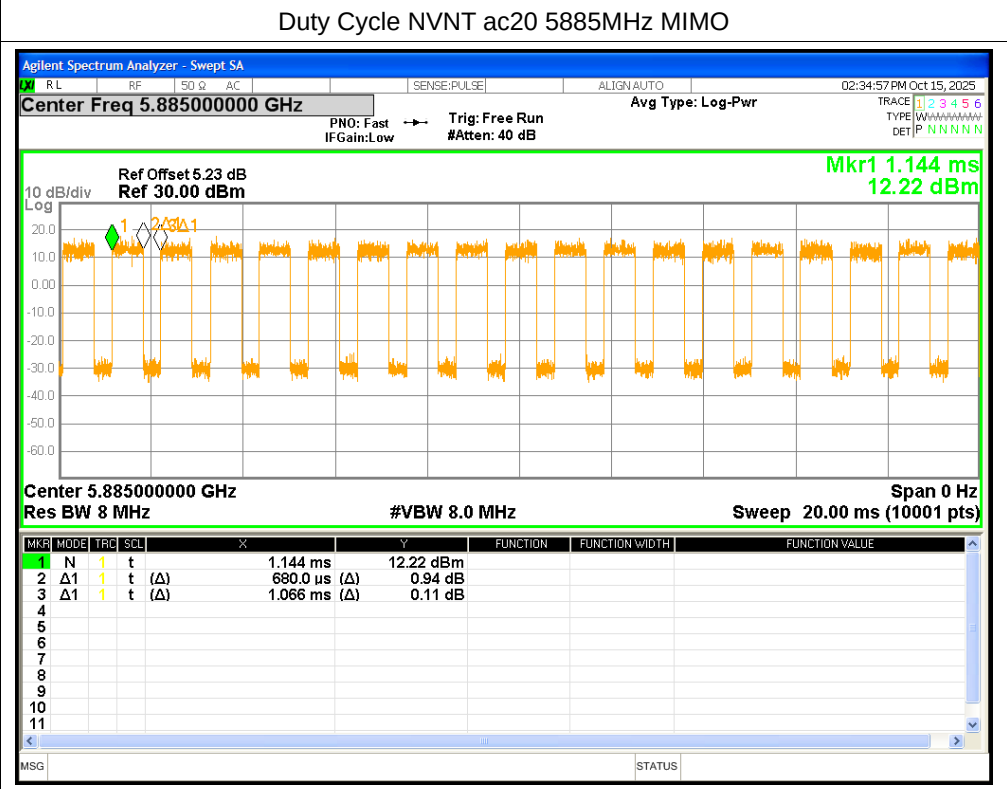
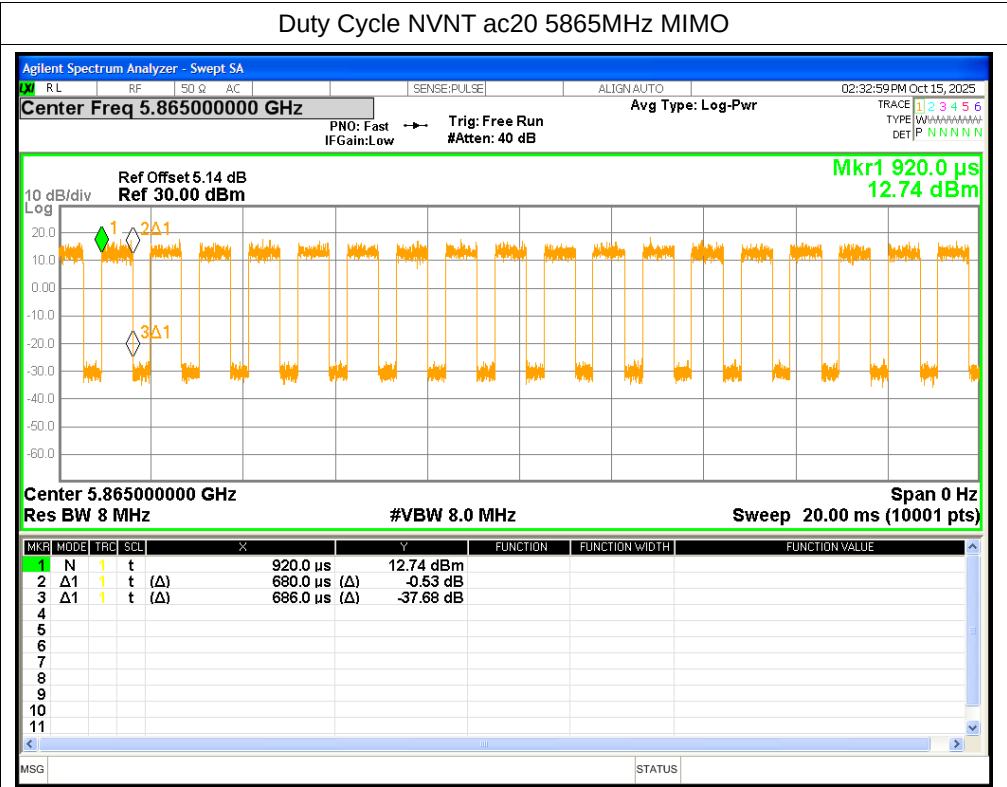
Duty Cycle NVNT n20 5885MHz MIMO



Duty Cycle NVNT n40 5835MHz MIMO



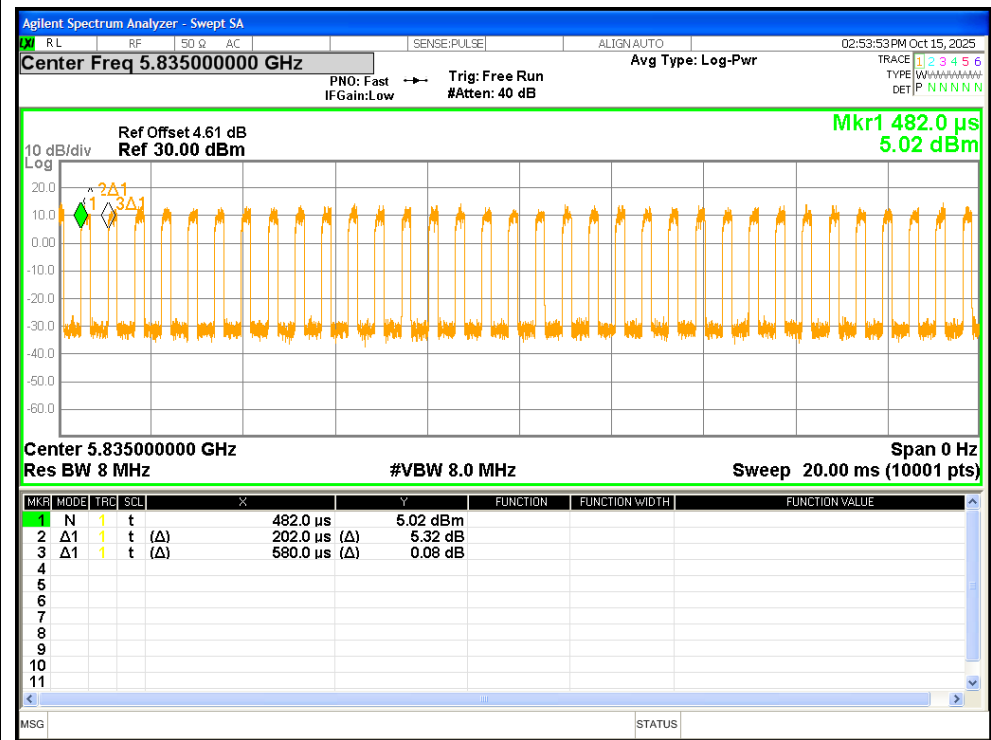
Duty Cycle NVNT n40 5875MHz MIMO



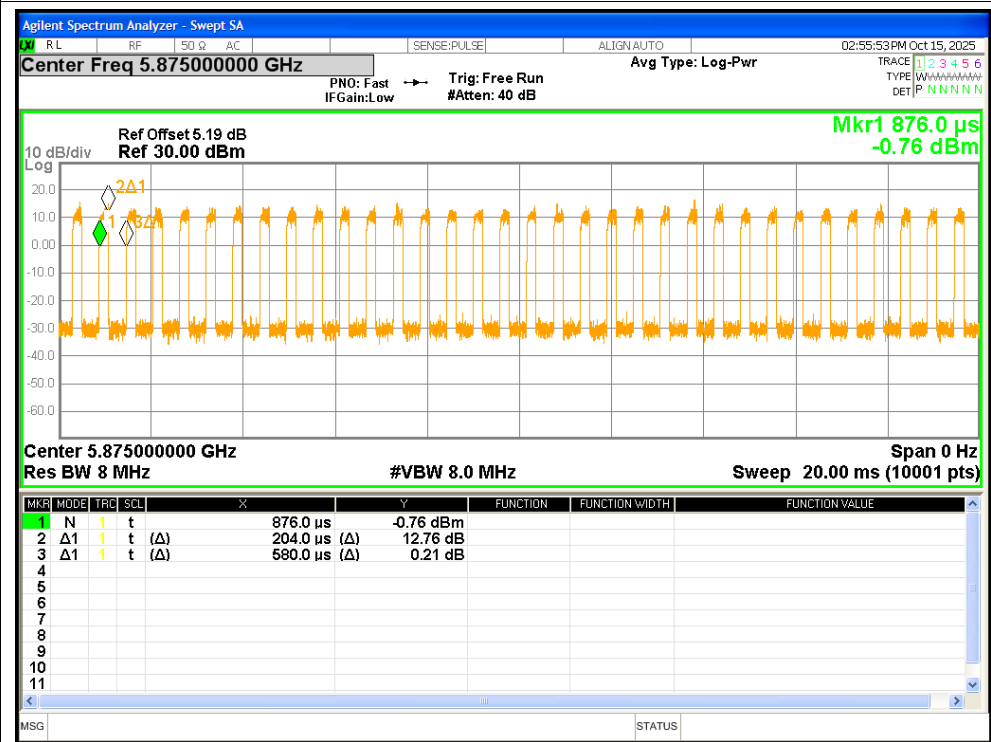
Duty Cycle NVNT ac40 5835MHz MIMO

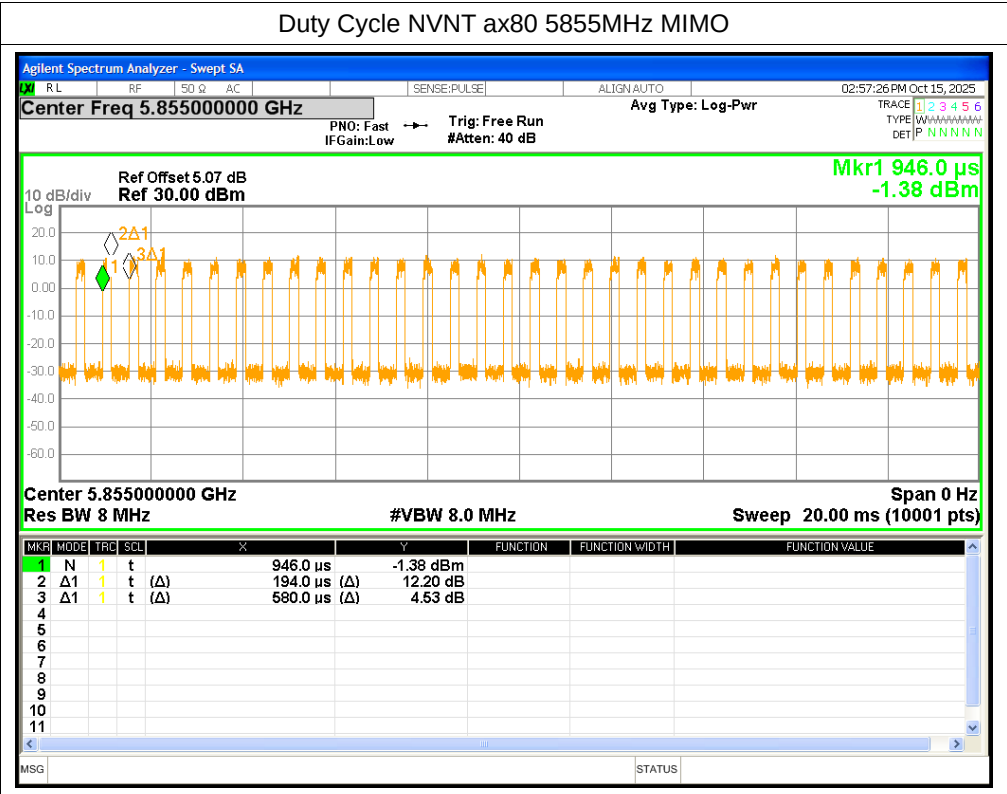
Report No.: STS2509098W04 _Appendix 5G WIFI U-NII-4

Duty Cycle NVNT ax40 5835MHz MIMO



Duty Cycle NVNT ax40 5875MHz MIMO

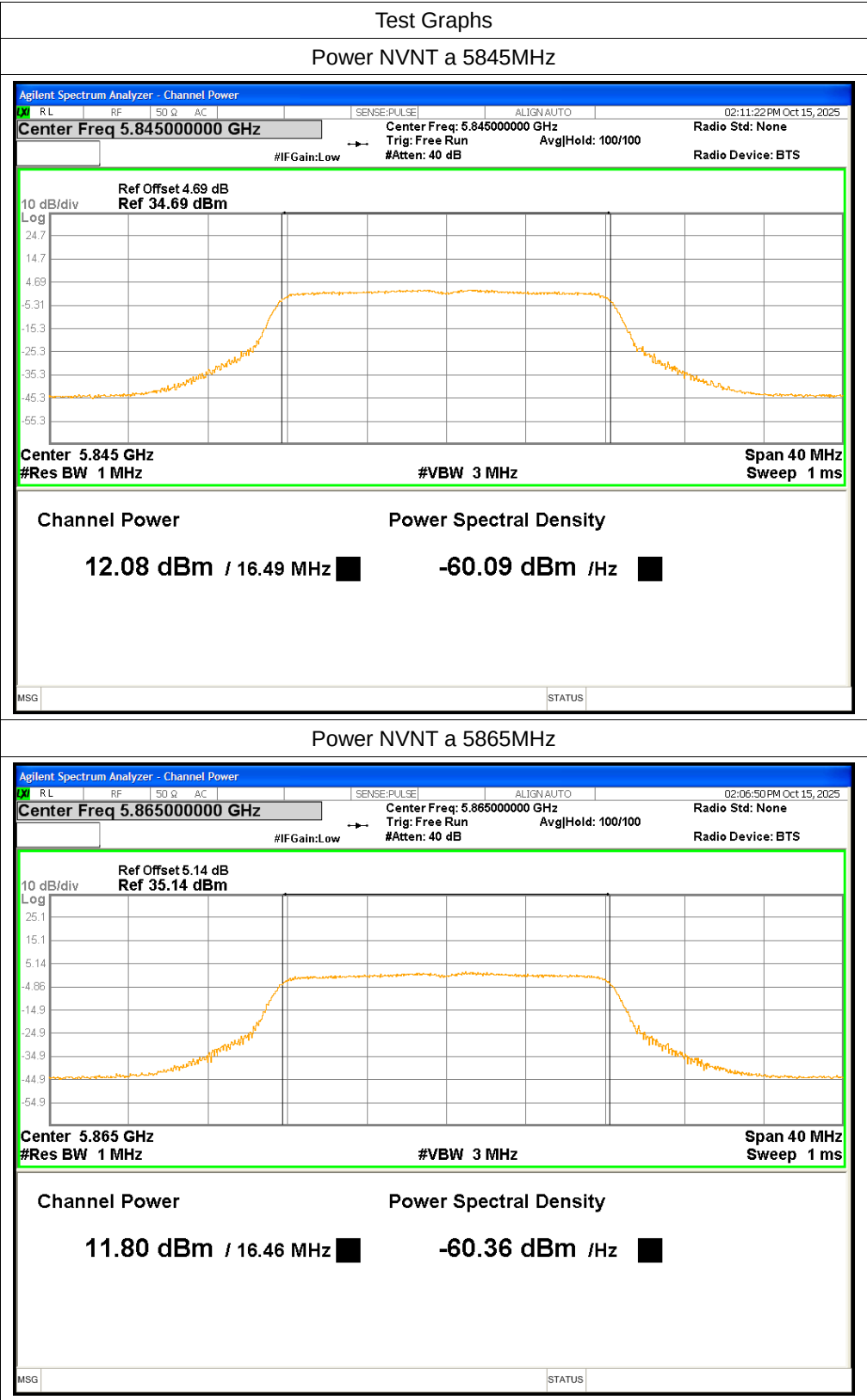


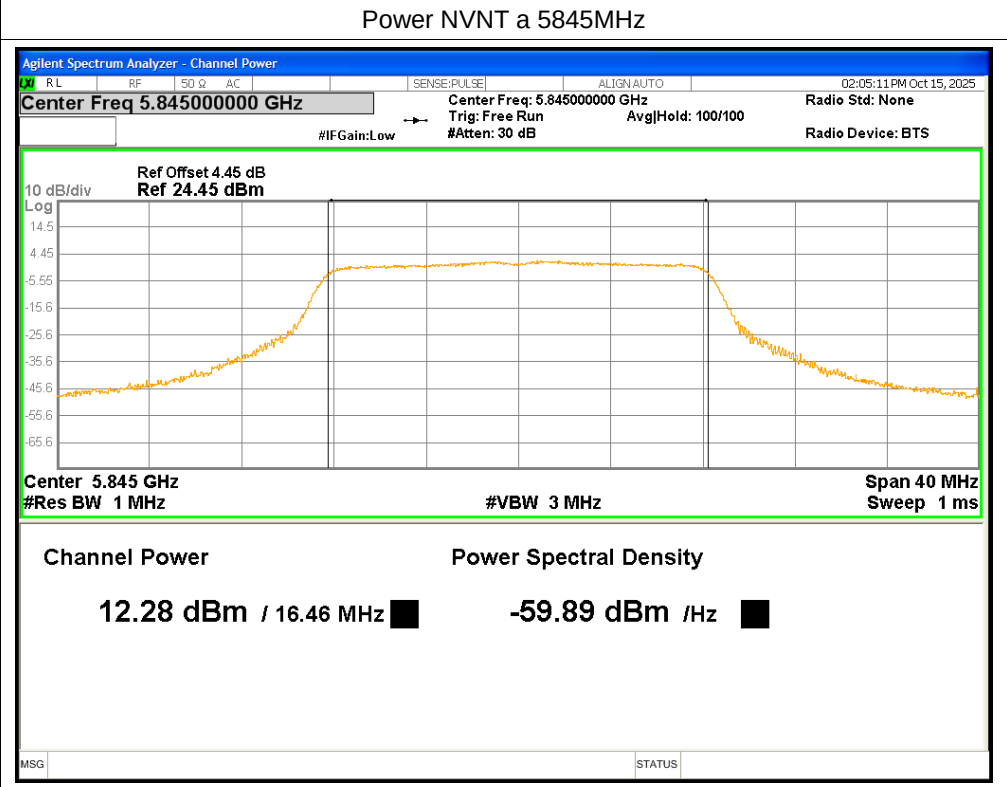
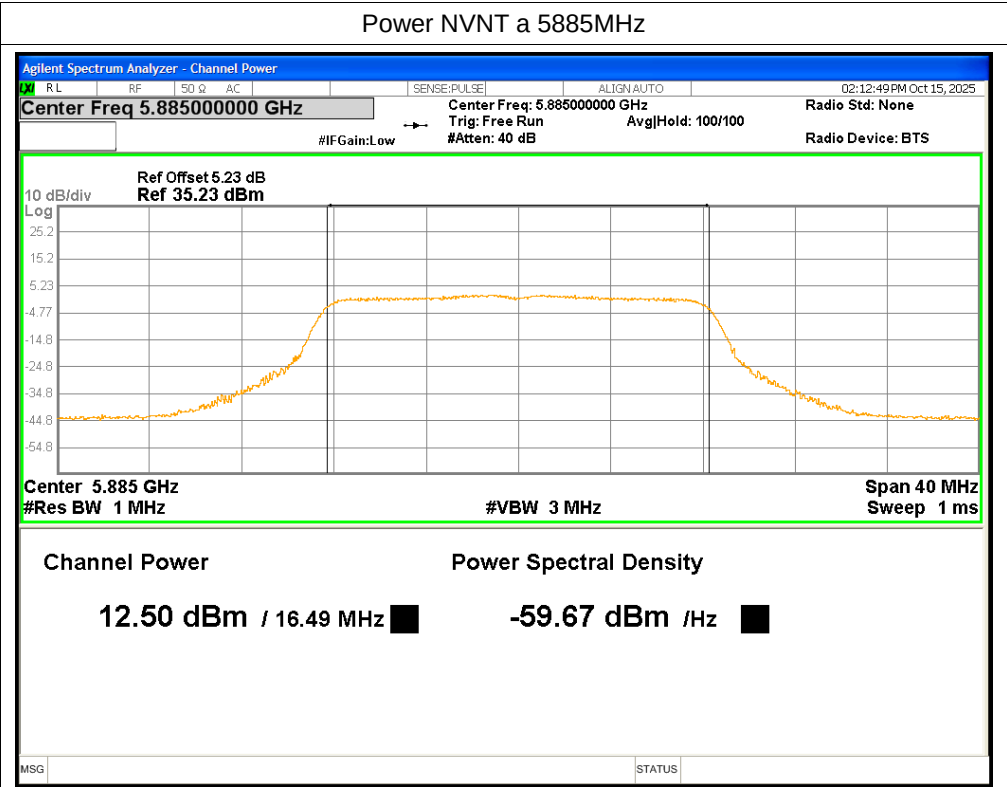


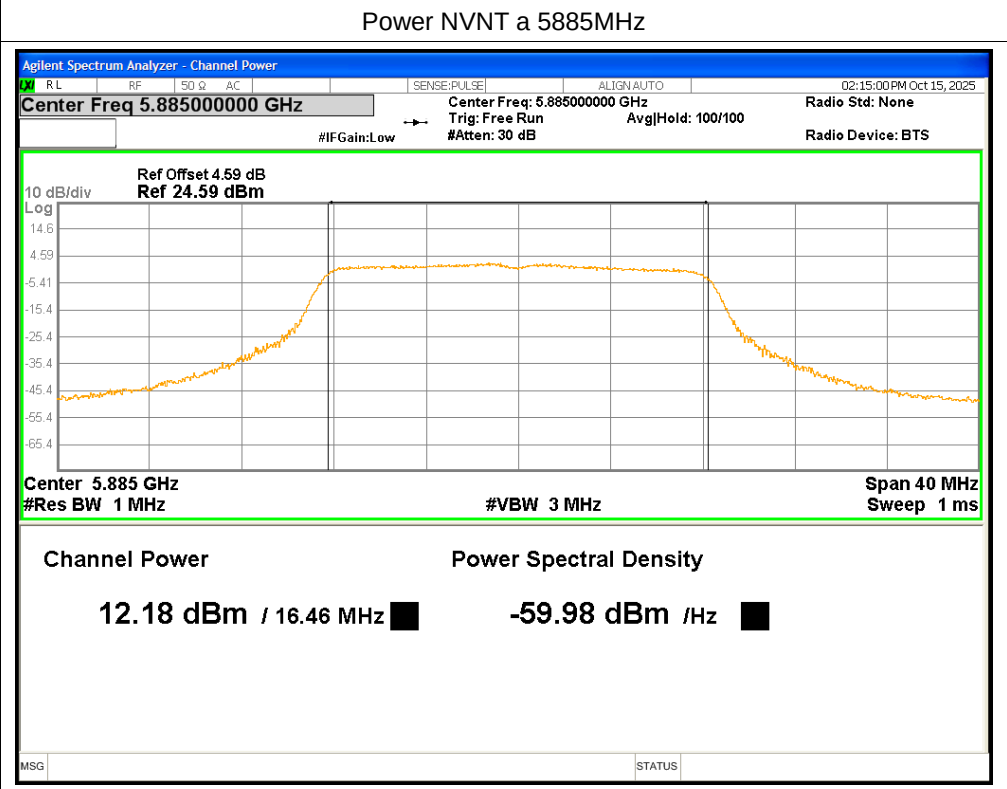
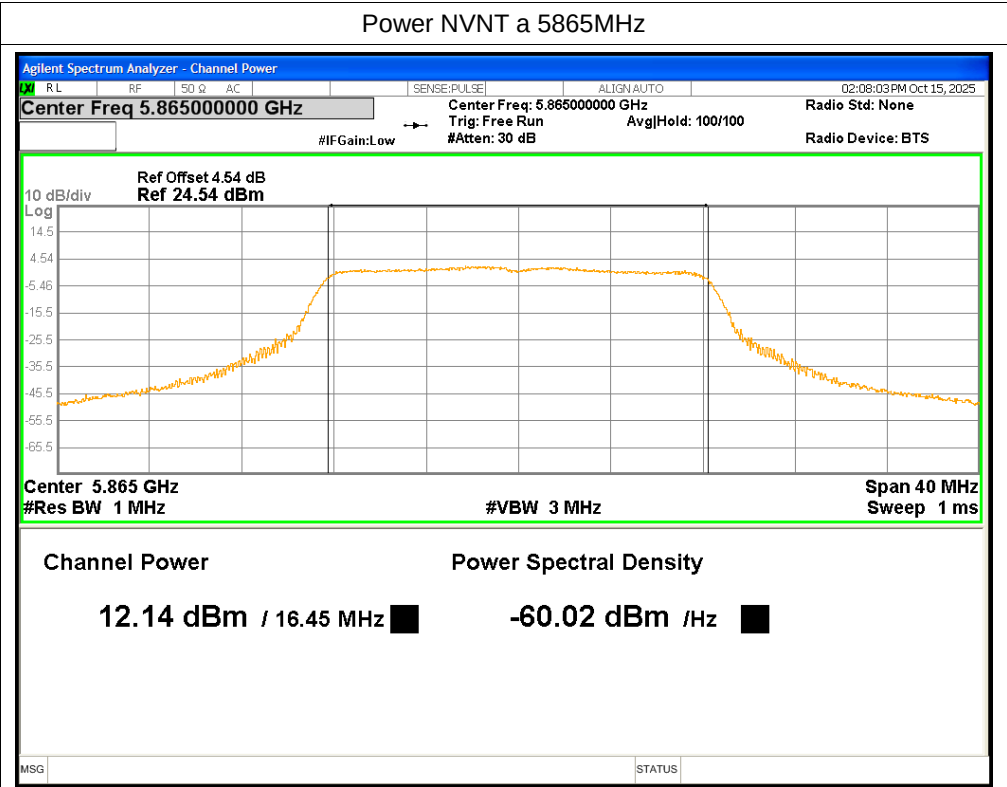
Maximum Conducted Output Power

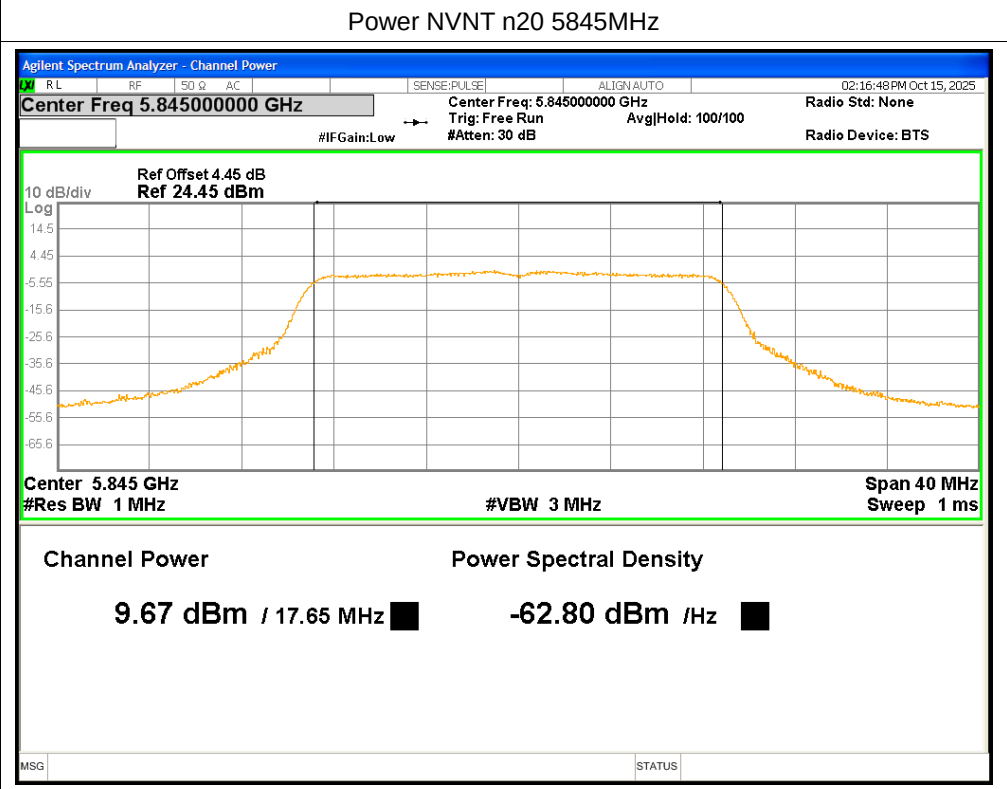
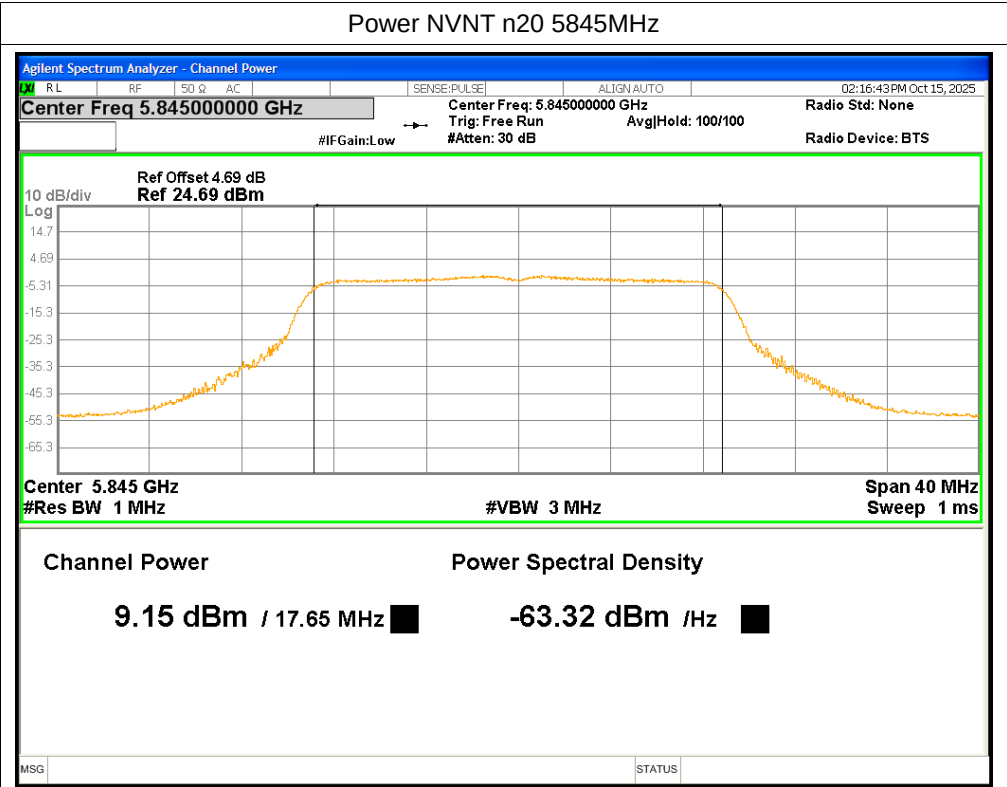
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5845	12.08	1.04	13.12	<=30	Pass
NVNT	a	5865	11.8	1.04	12.84	<=30	Pass
NVNT	a	5885	12.5	1.04	13.54	<=30	Pass
NVNT	a	5845	12.28	1.04	13.32	<=30	Pass
NVNT	a	5865	12.14	1.04	13.18	<=30	Pass
NVNT	a	5885	12.18	1.03	13.21	<=30	Pass
NVNT	n20	5845	9.15	1.1	10.25	<=30	Pass
NVNT	n20	5845	9.67	1.1	10.77	<=30	Pass
NVNT	n20	5845	-	-	13.53	<=30	Pass
NVNT	n20	5865	10.2	1.1	11.3	<=30	Pass
NVNT	n20	5865	9.88	1.1	10.98	<=30	Pass
NVNT	n20	5865	-	-	14.15	<=30	Pass
NVNT	n20	5885	9.89	1.12	11.01	<=30	Pass
NVNT	n20	5885	10.02	1.12	11.14	<=30	Pass
NVNT	n20	5885	-	-	14.09	<=30	Pass
NVNT	n40	5835	7.27	2.05	9.32	<=30	Pass
NVNT	n40	5835	7.98	2.05	10.03	<=30	Pass
NVNT	n40	5835	-	-	12.7	<=30	Pass
NVNT	n40	5875	8.66	2.06	10.72	<=30	Pass
NVNT	n40	5875	9.04	2.06	11.1	<=30	Pass
NVNT	n40	5875	-	-	13.92	<=30	Pass
NVNT	ac20	5845	7.75	1.99	9.74	<=30	Pass
NVNT	ac20	5845	8.23	1.99	10.22	<=30	Pass
NVNT	ac20	5845	-	-	13	<=30	Pass
NVNT	ac20	5865	8.87	0.04	8.91	<=30	Pass
NVNT	ac20	5865	8.35	0.04	8.39	<=30	Pass
NVNT	ac20	5865	-	-	11.67	<=30	Pass
NVNT	ac20	5885	8.51	1.95	10.46	<=30	Pass
NVNT	ac20	5885	8.32	1.95	10.27	<=30	Pass
NVNT	ac20	5885	-	-	13.38	<=30	Pass
NVNT	ac40	5835	6.6	3.21	9.81	<=30	Pass
NVNT	ac40	5835	7.02	3.21	10.23	<=30	Pass
NVNT	ac40	5835	-	-	13.04	<=30	Pass
NVNT	ac40	5875	7.75	3.16	10.91	<=30	Pass
NVNT	ac40	5875	7.33	3.16	10.49	<=30	Pass
NVNT	ac40	5875	-	-	13.72	<=30	Pass
NVNT	ac80	5855	5.26	4.91	10.17	<=30	Pass
NVNT	ac80	5855	5.52	4.91	10.43	<=30	Pass
NVNT	ac80	5855	-	-	13.31	<=30	Pass
NVNT	ax20	5845	5.3	4.54	9.84	<=30	Pass

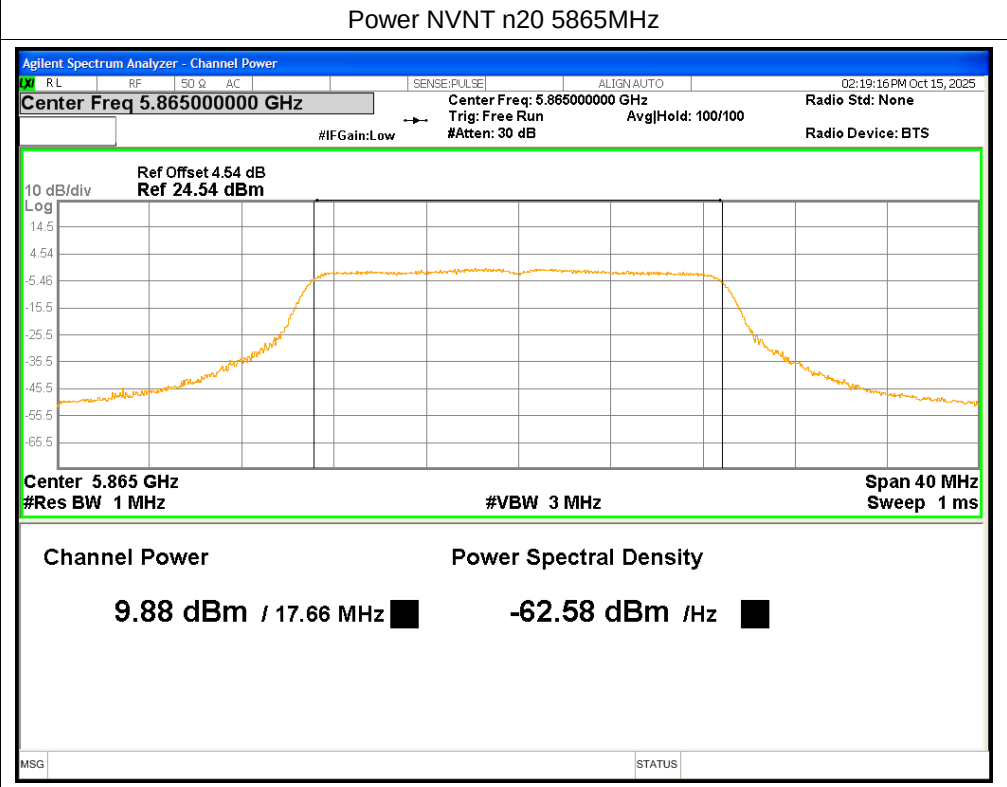
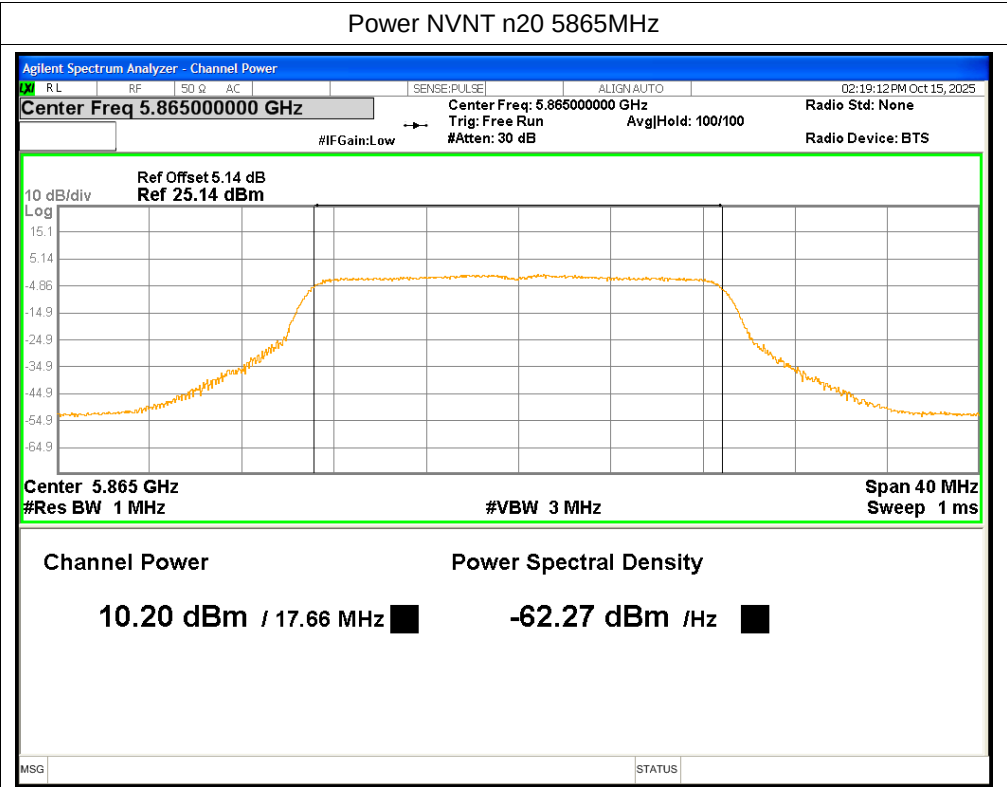
NVNT	ax20	5845	5.77	4.54	10.31	<=30	Pass
NVNT	ax20	5845	-	-	13.09	<=30	Pass
NVNT	ax20	5865	6.37	4.58	10.95	<=30	Pass
NVNT	ax20	5865	6.08	4.58	10.66	<=30	Pass
NVNT	ax20	5865	-	-	13.82	<=30	Pass
NVNT	ax20	5885	6.09	4.54	10.63	<=30	Pass
NVNT	ax20	5885	6.12	4.54	10.66	<=30	Pass
NVNT	ax20	5885	-	-	13.66	<=30	Pass
NVNT	ax40	5835	5.28	4.58	9.86	<=30	Pass
NVNT	ax40	5835	6.37	4.58	10.95	<=30	Pass
NVNT	ax40	5835	-	-	13.45	<=30	Pass
NVNT	ax40	5875	6.79	4.54	11.33	<=30	Pass
NVNT	ax40	5875	5.93	4.54	10.47	<=30	Pass
NVNT	ax40	5875	-	-	13.93	<=30	Pass
NVNT	ax80	5855	5.6	4.76	10.36	<=30	Pass
NVNT	ax80	5855	5.95	4.76	10.71	<=30	Pass
NVNT	ax80	5855	-	-	13.55	<=30	Pass

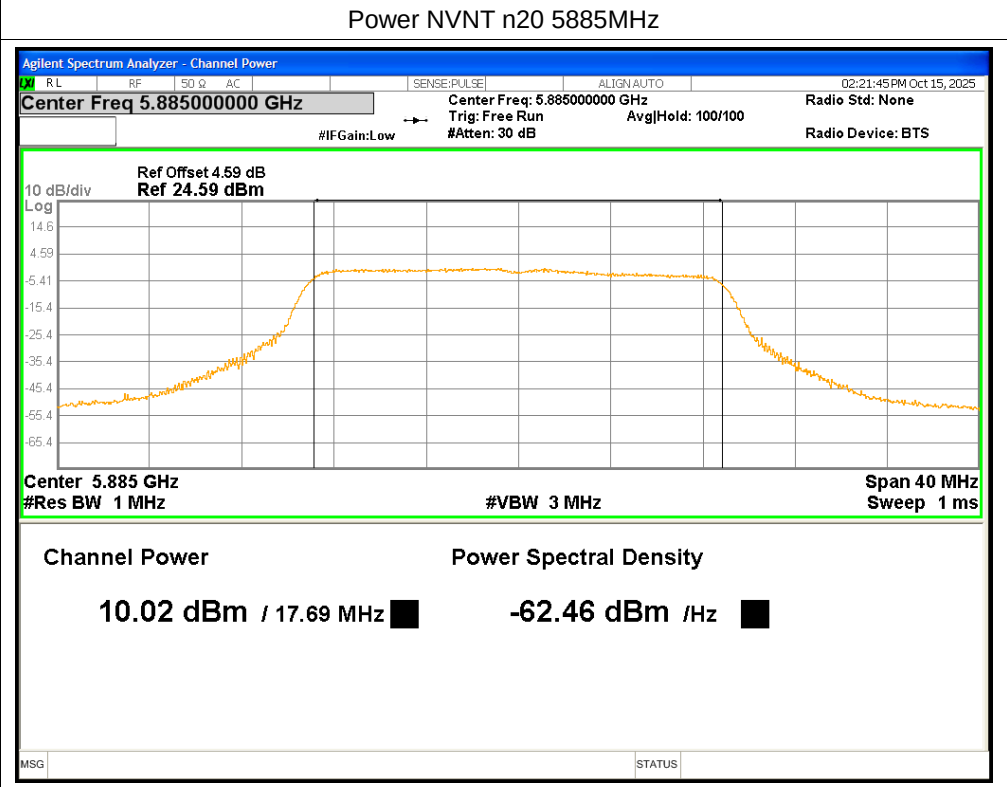
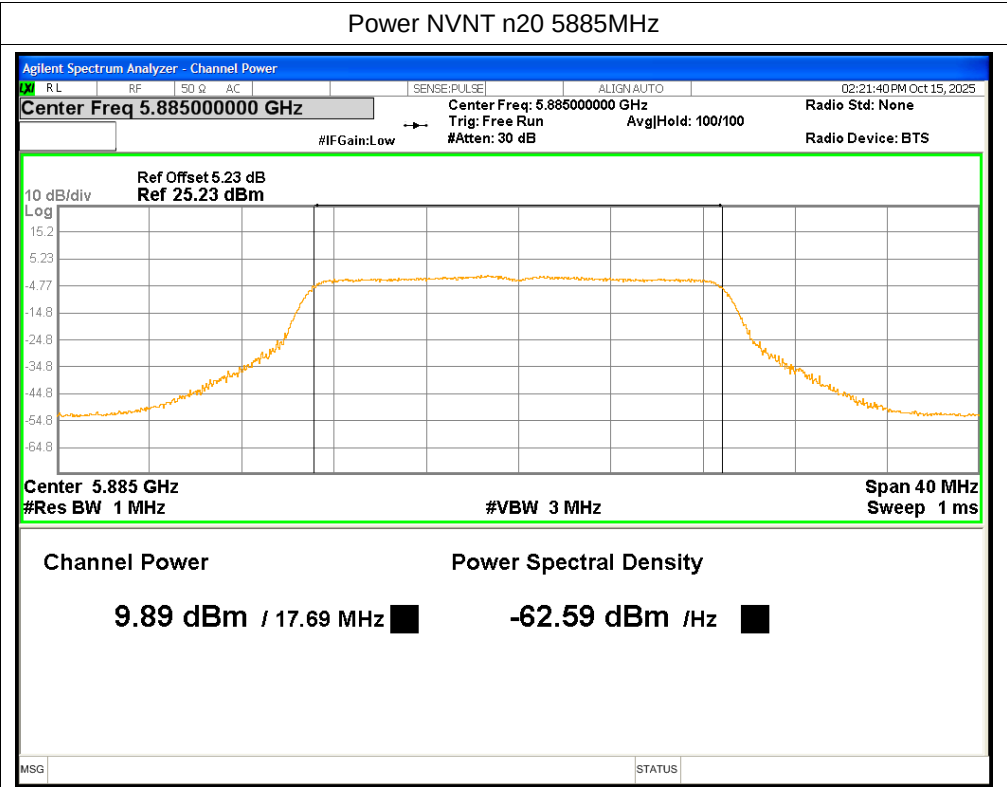


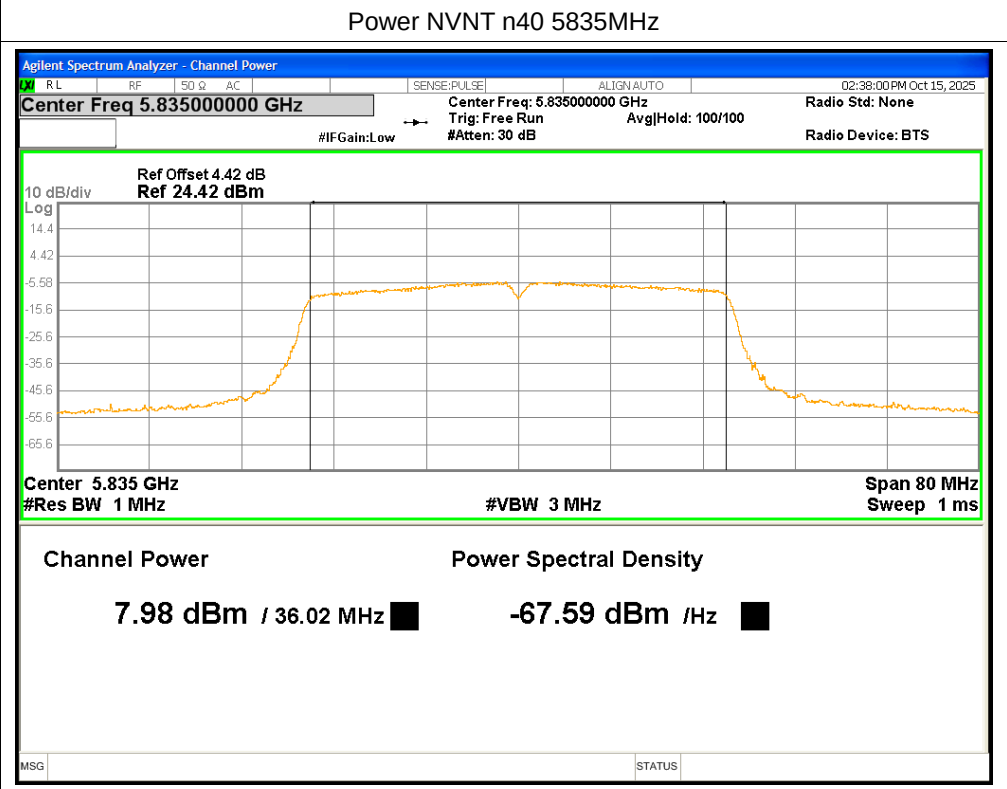
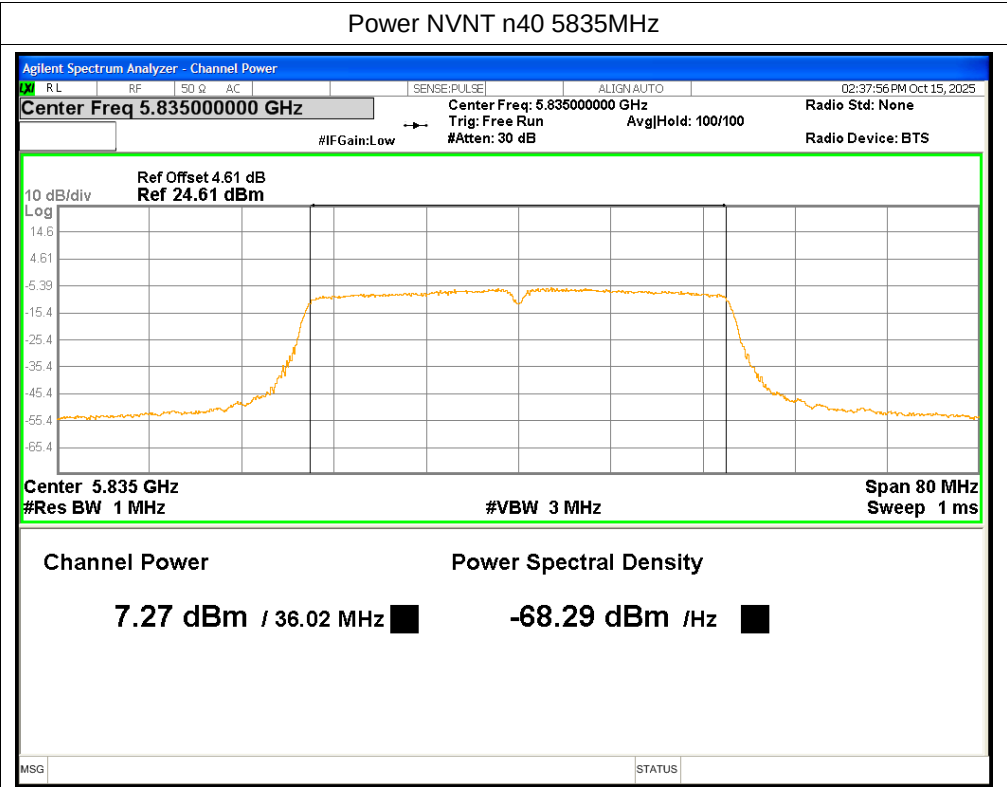


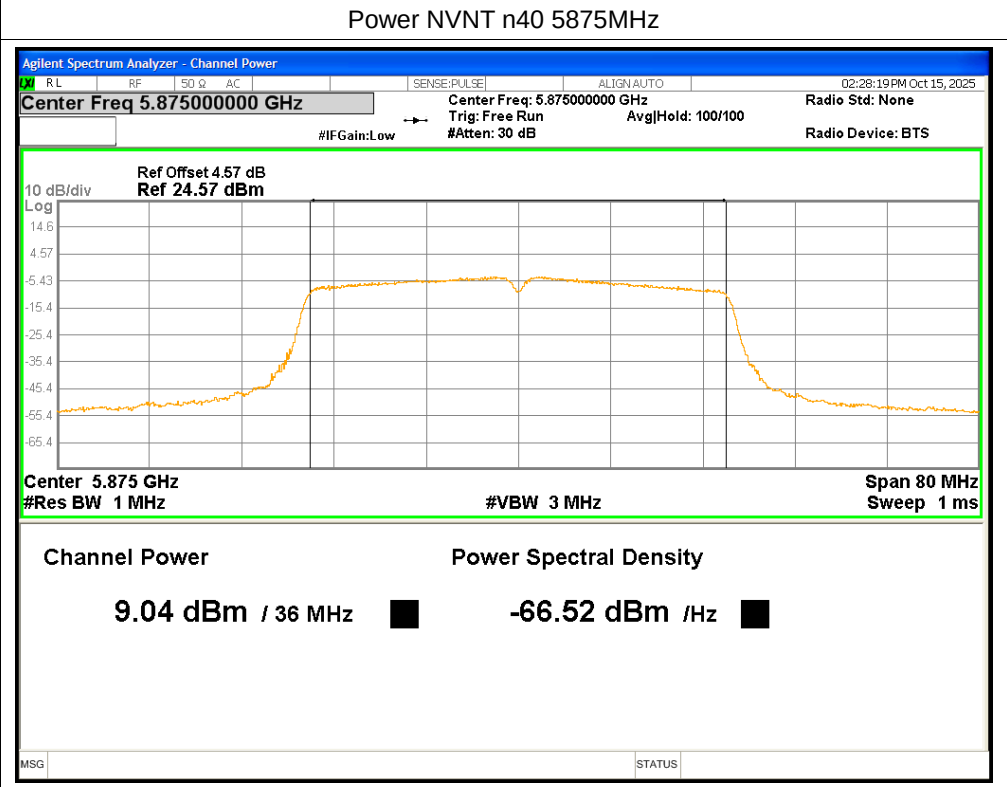
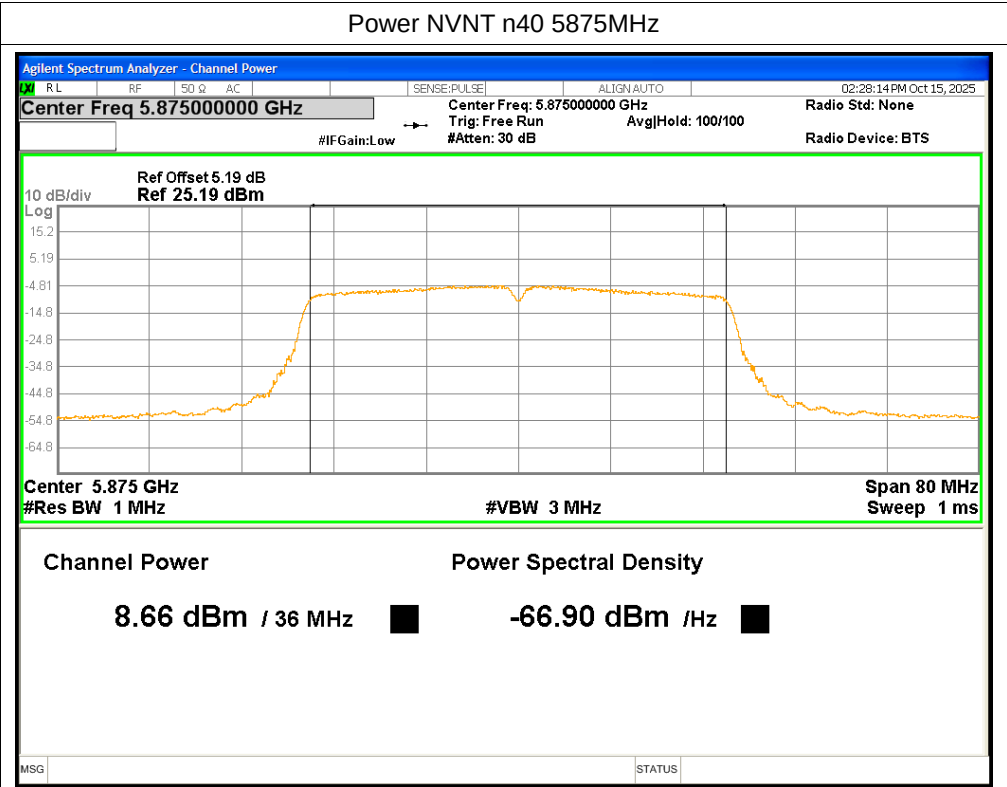


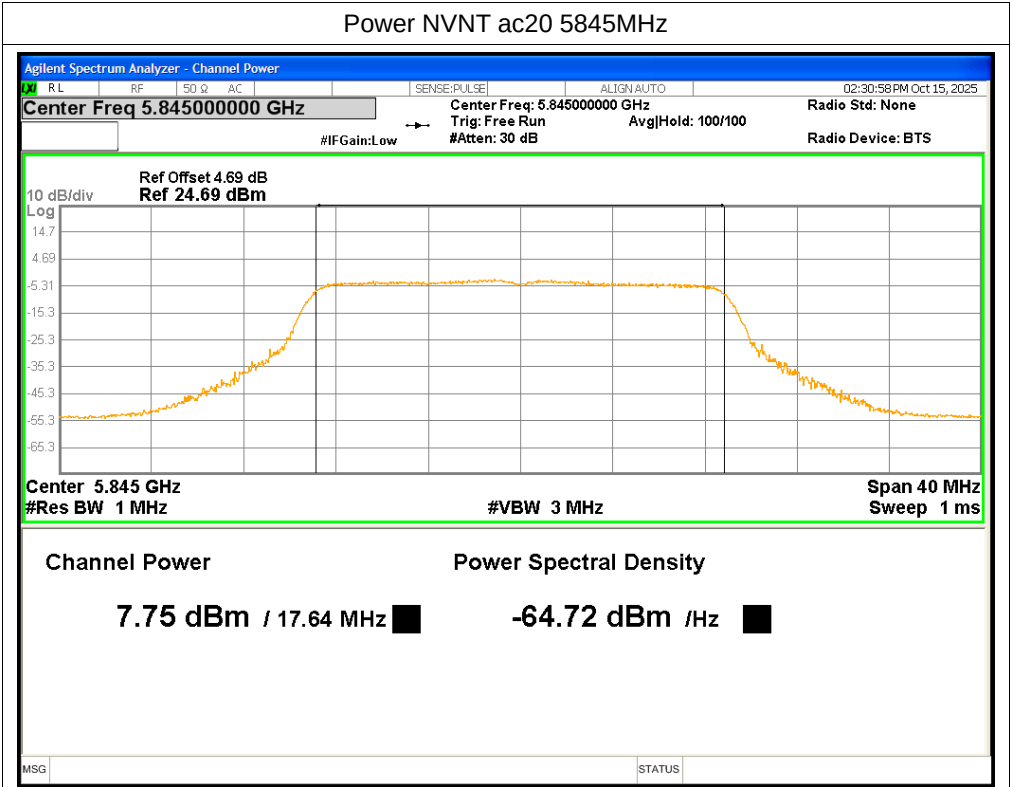


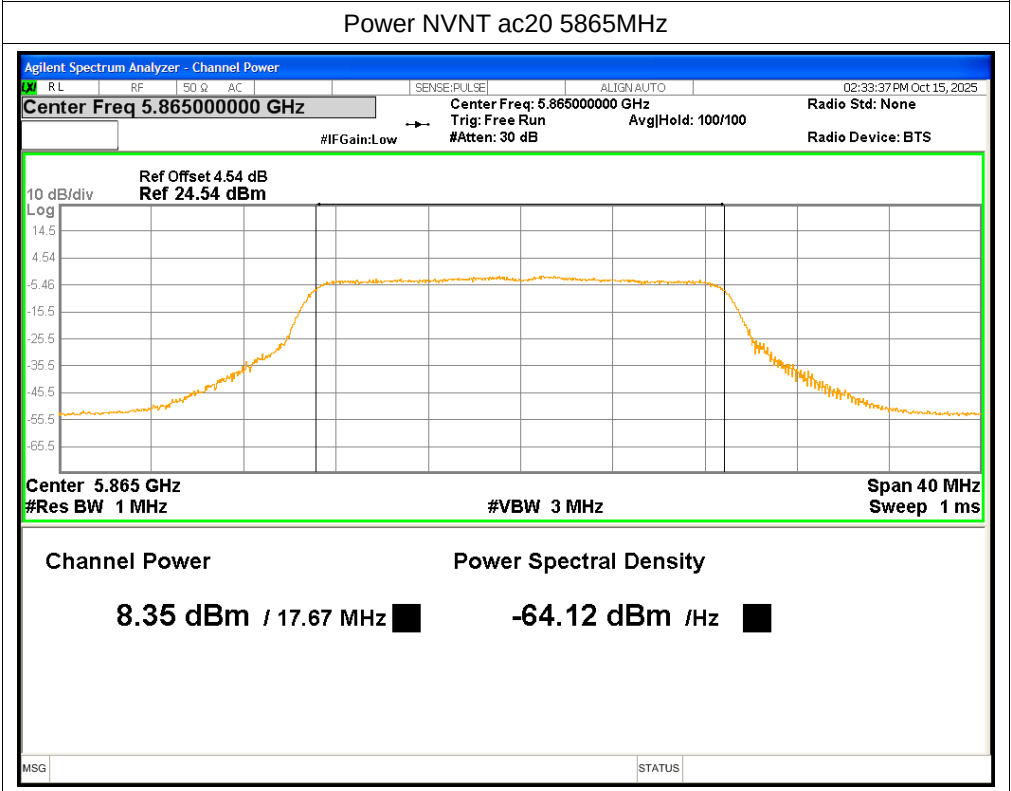
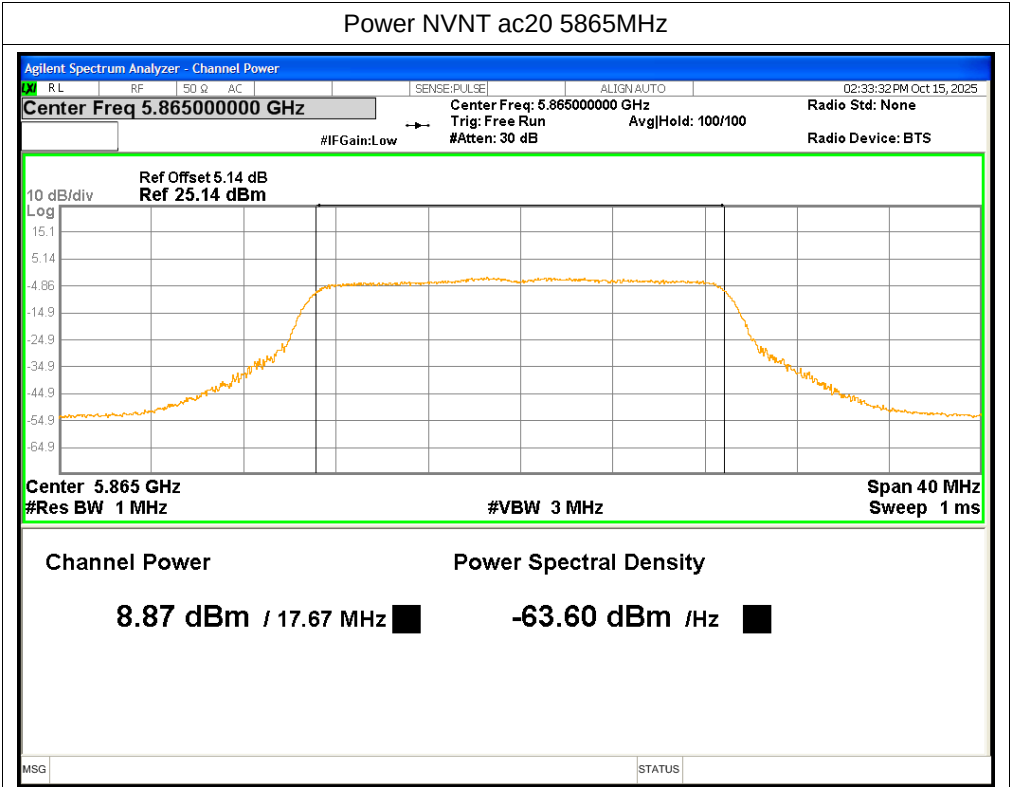


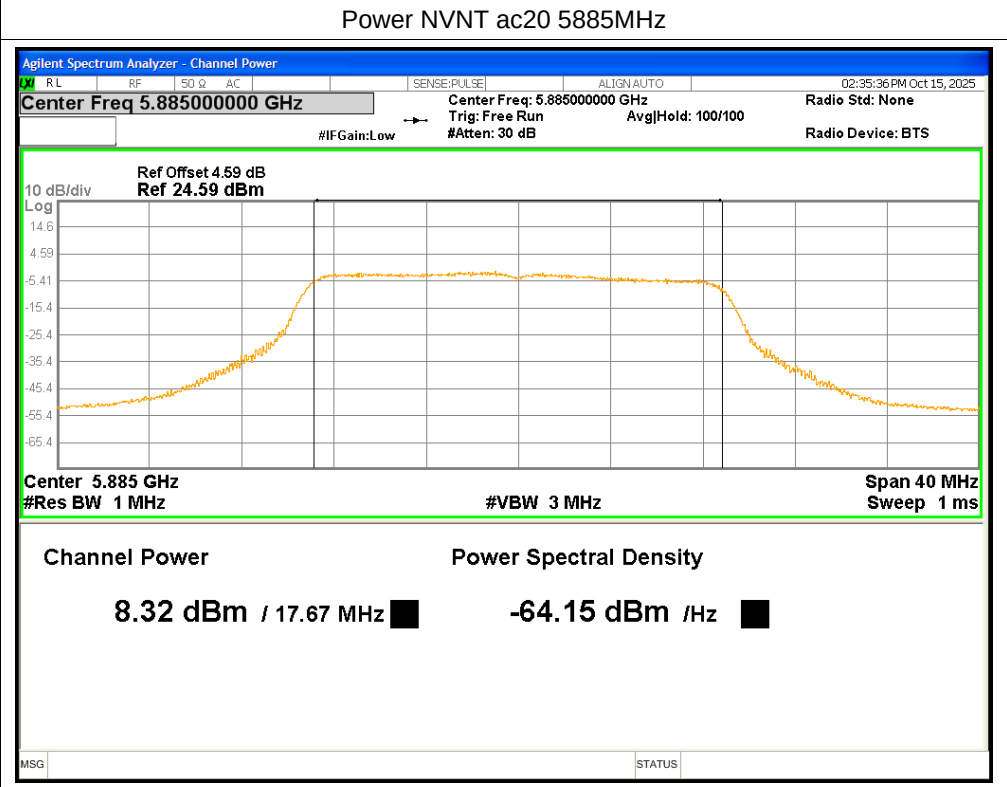
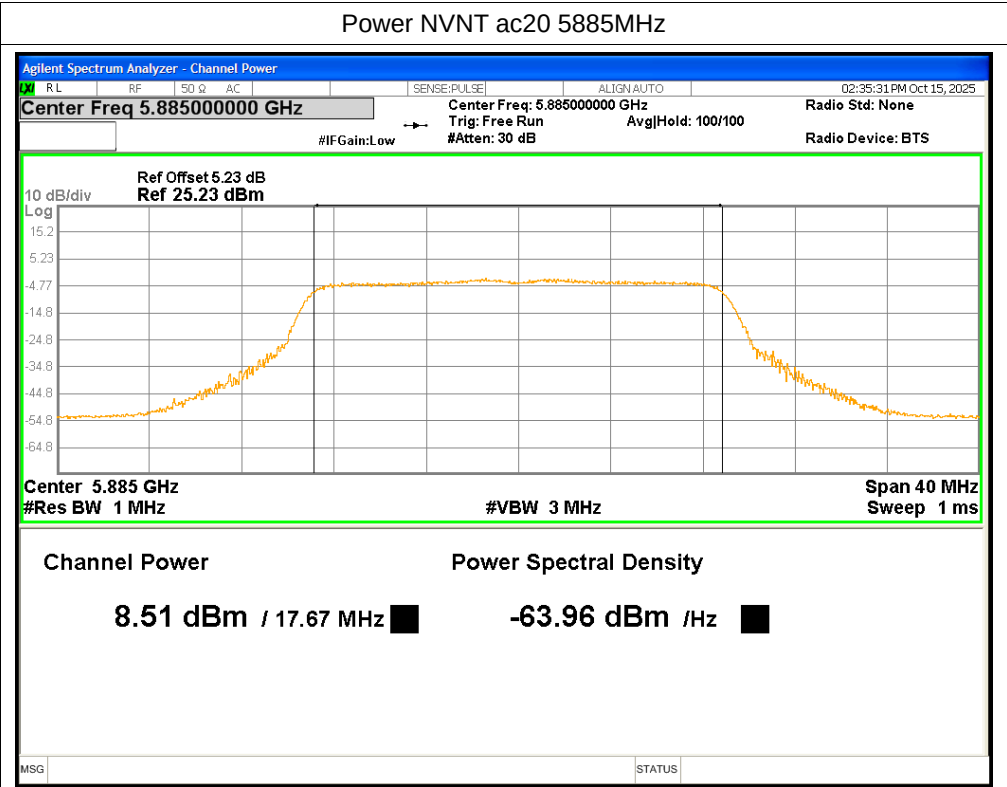


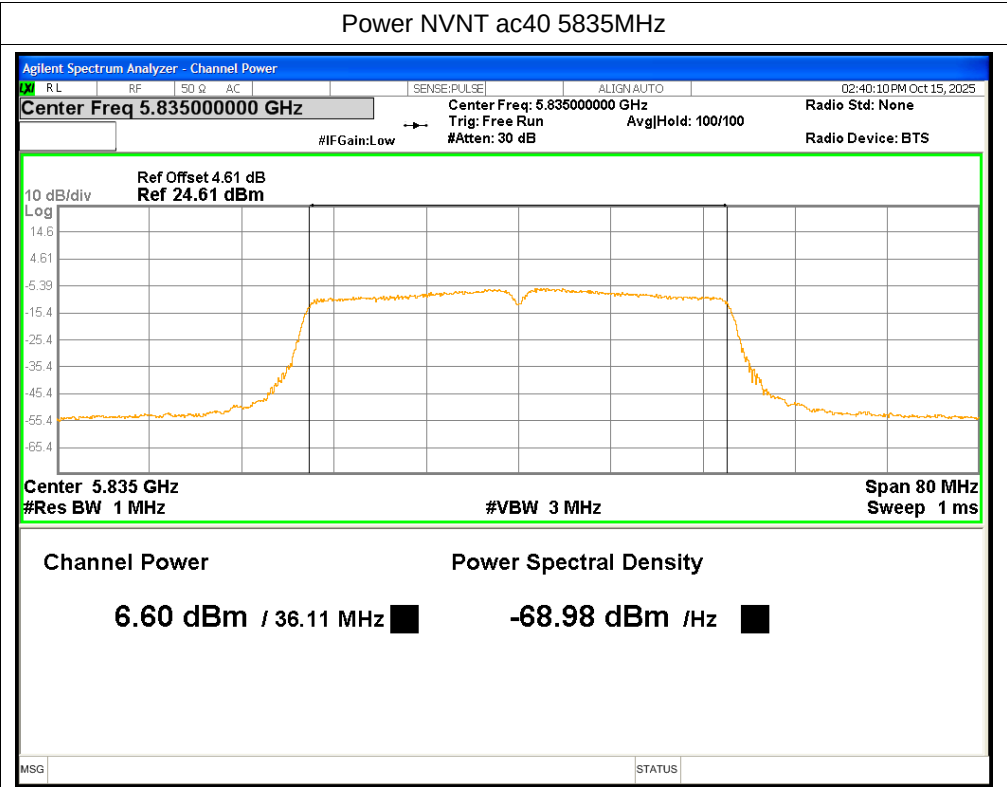


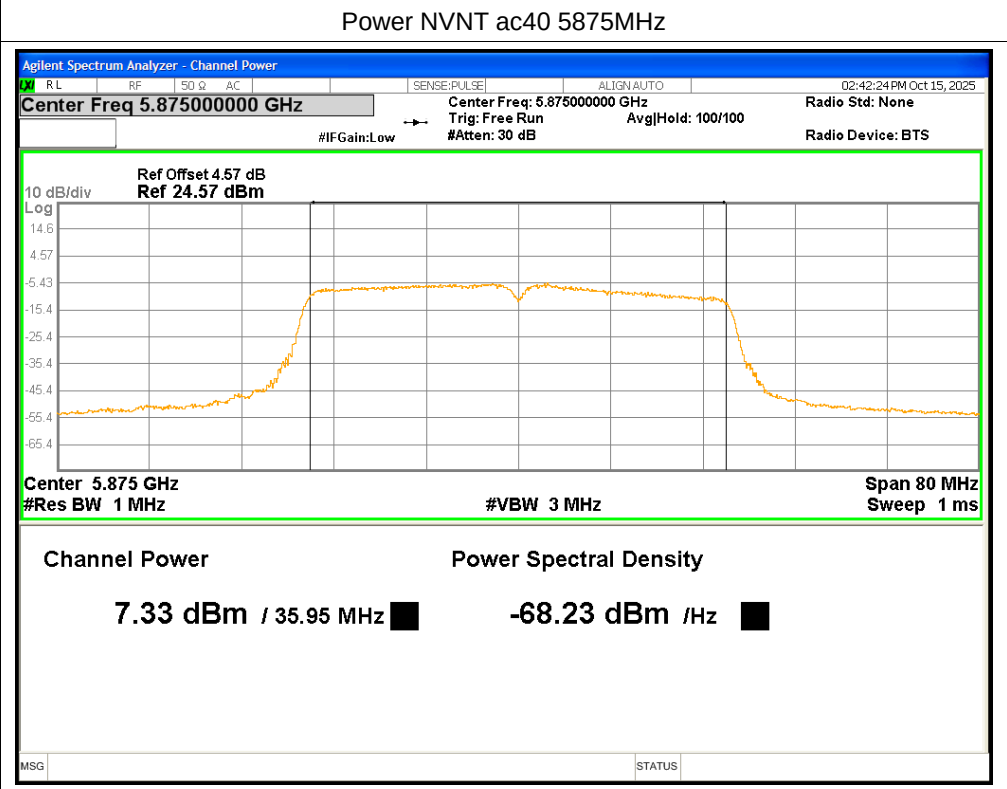
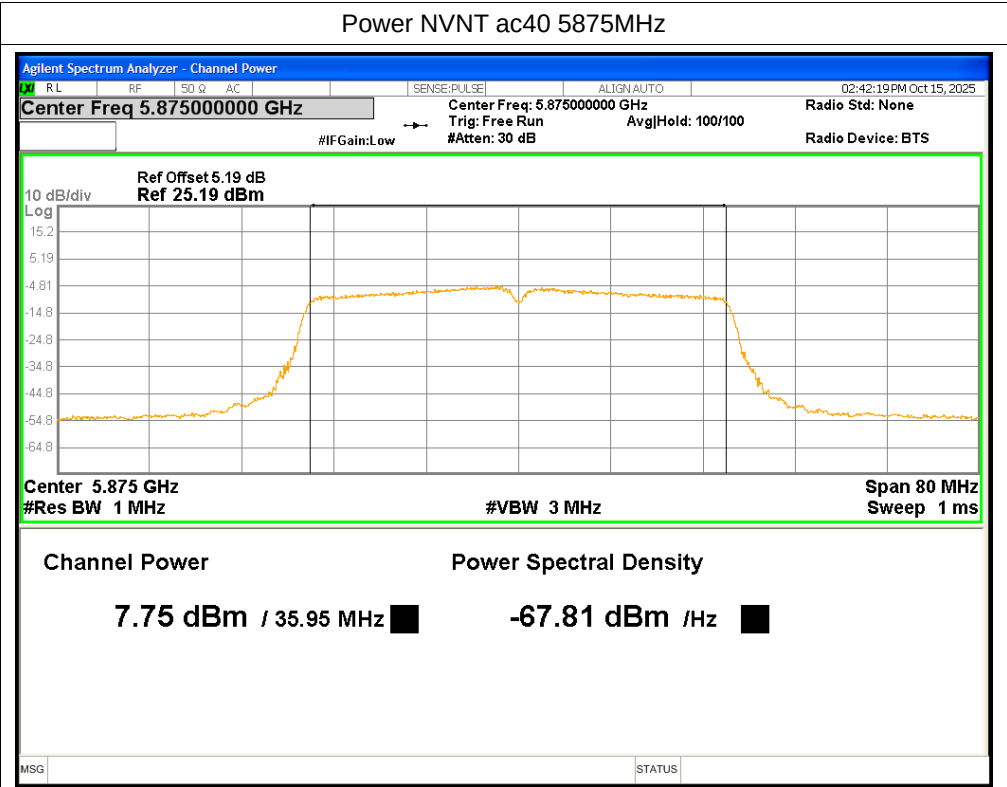


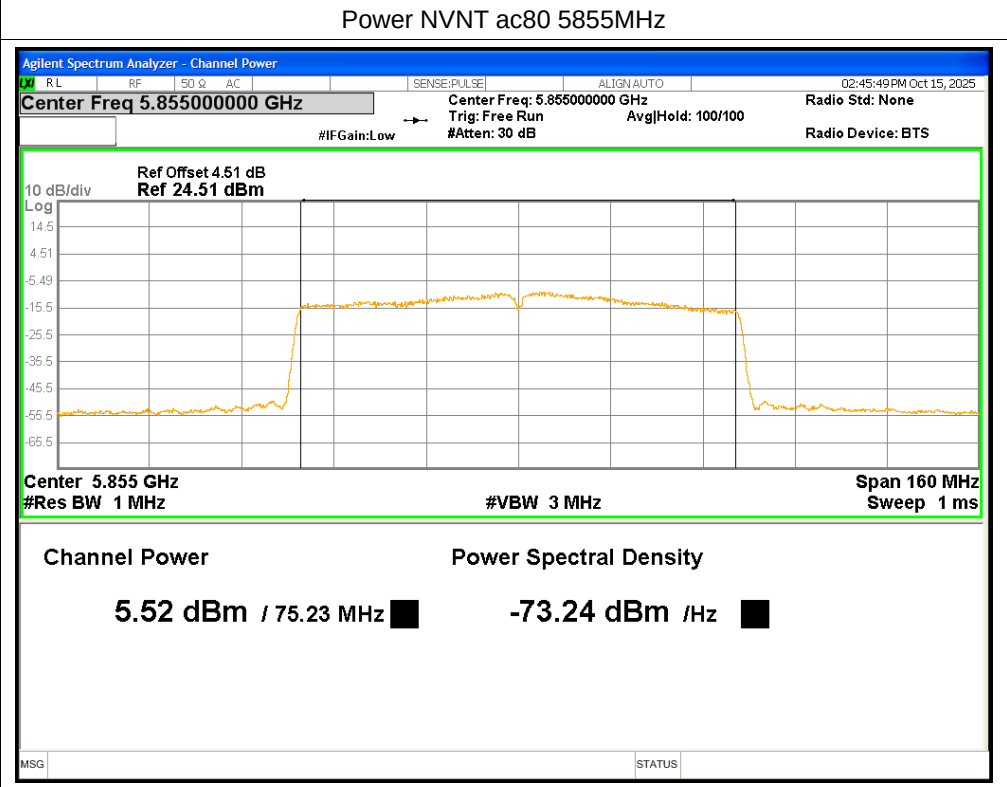
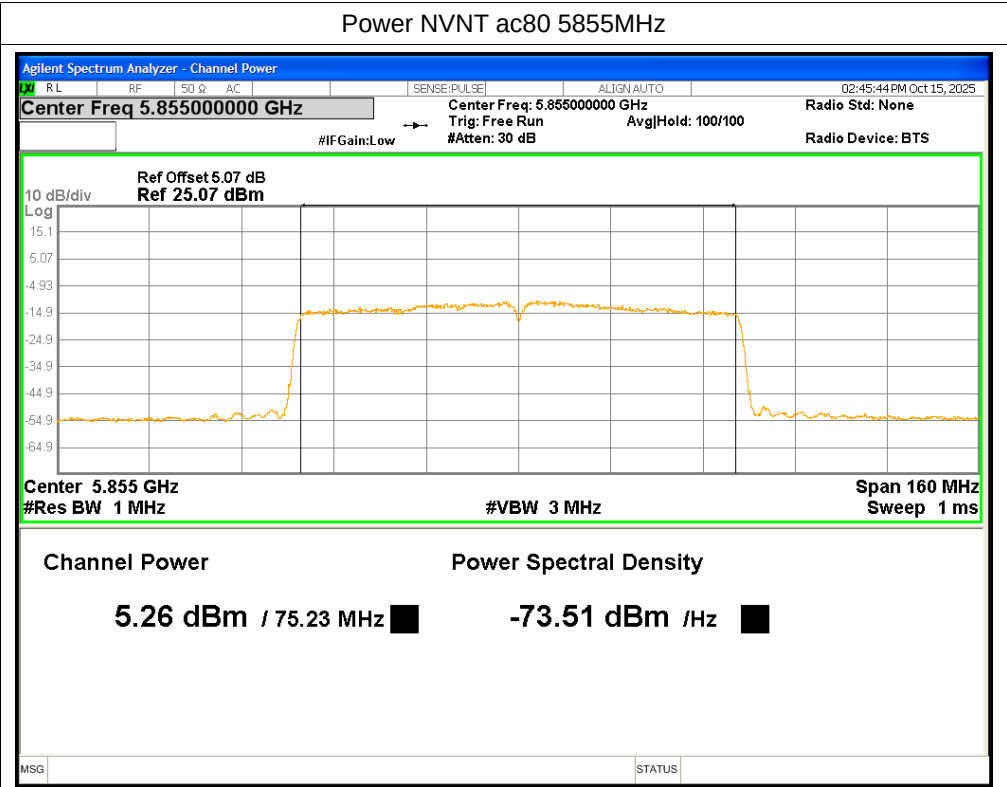


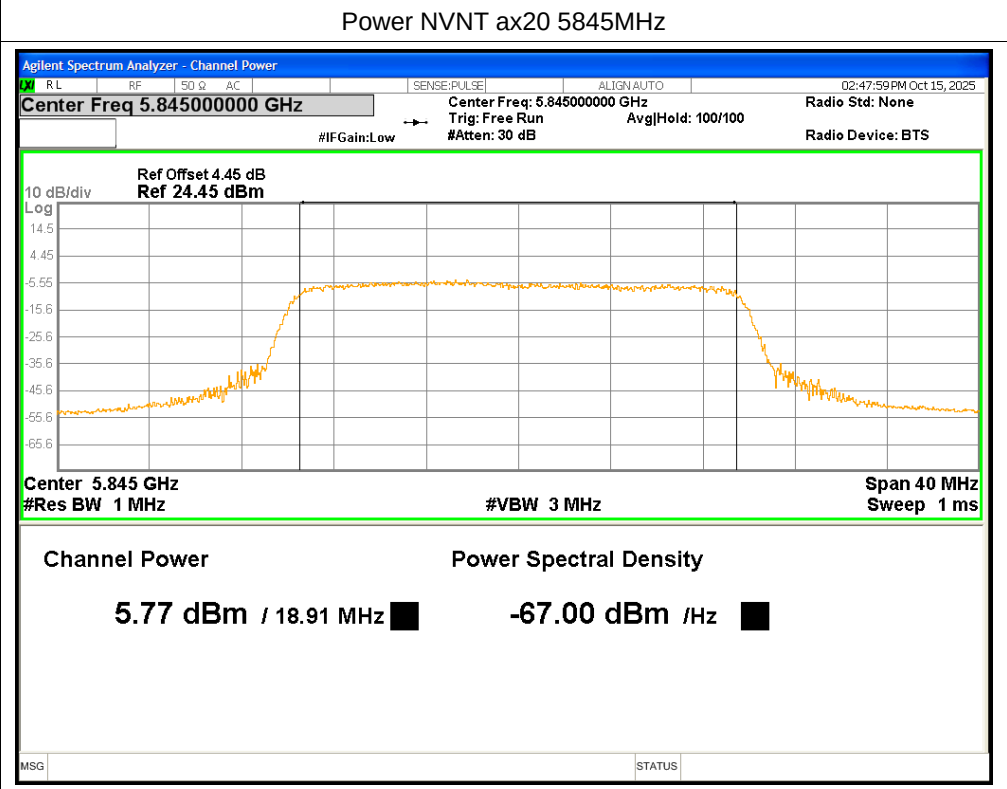
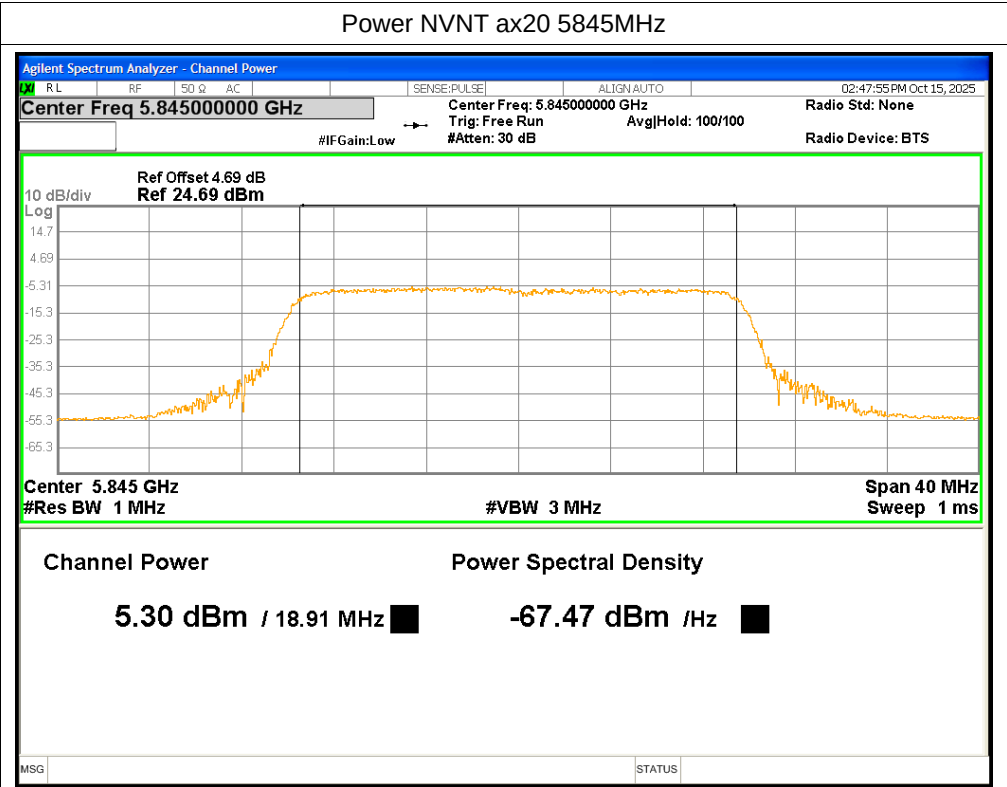


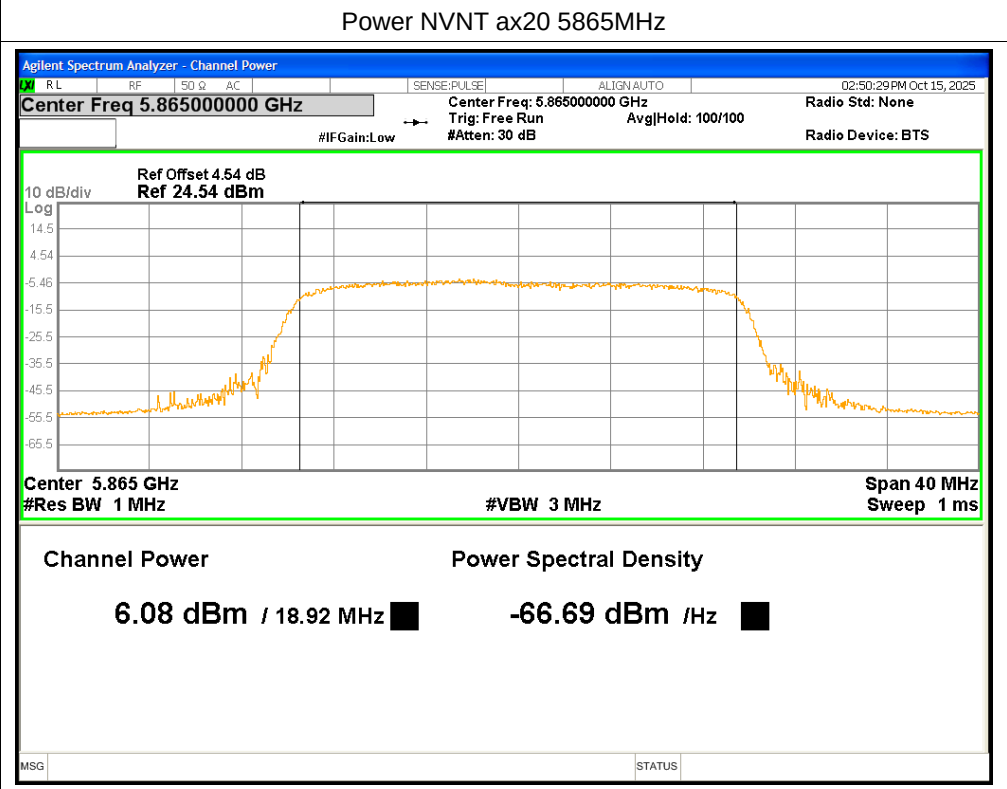
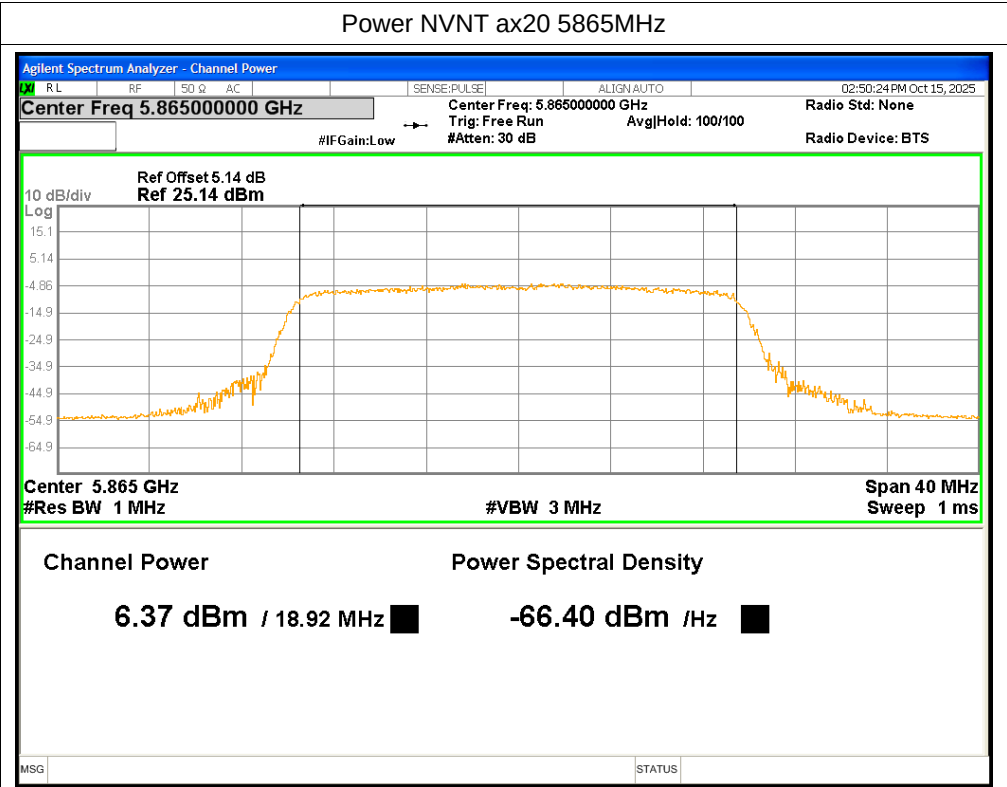


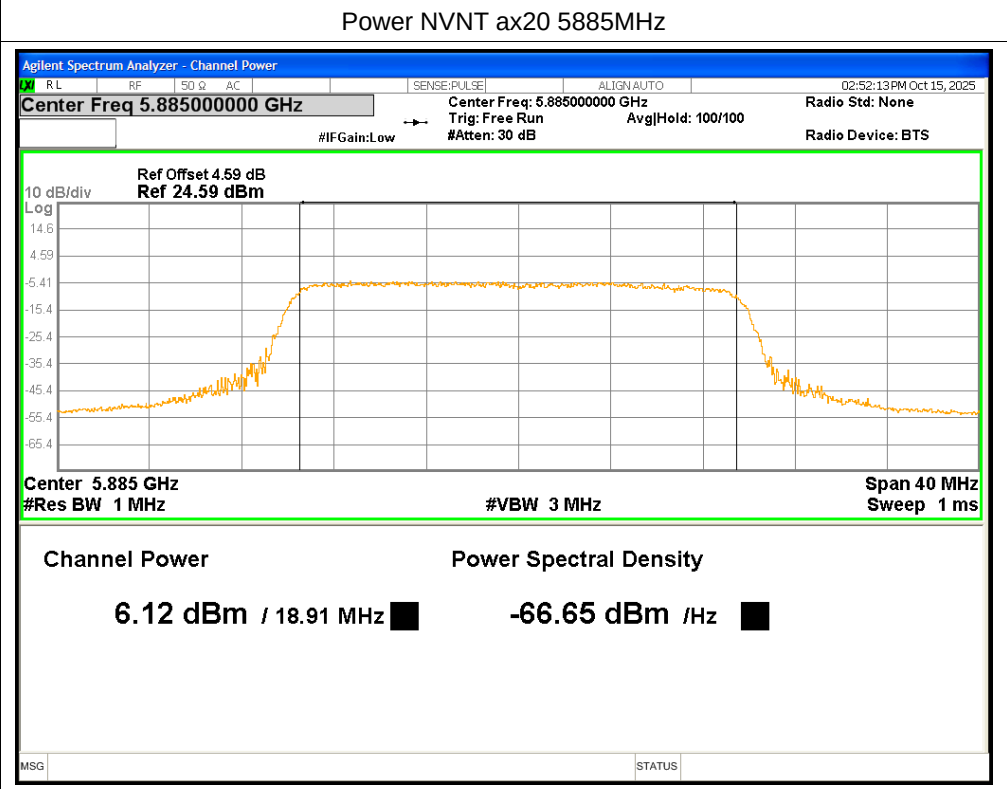
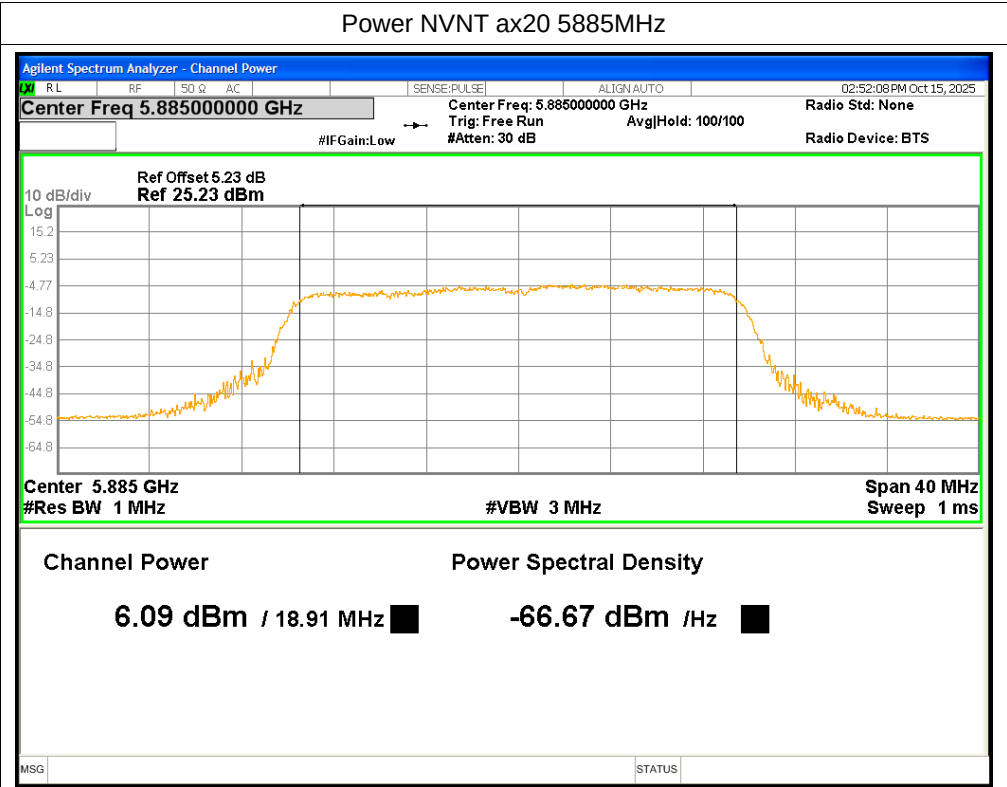


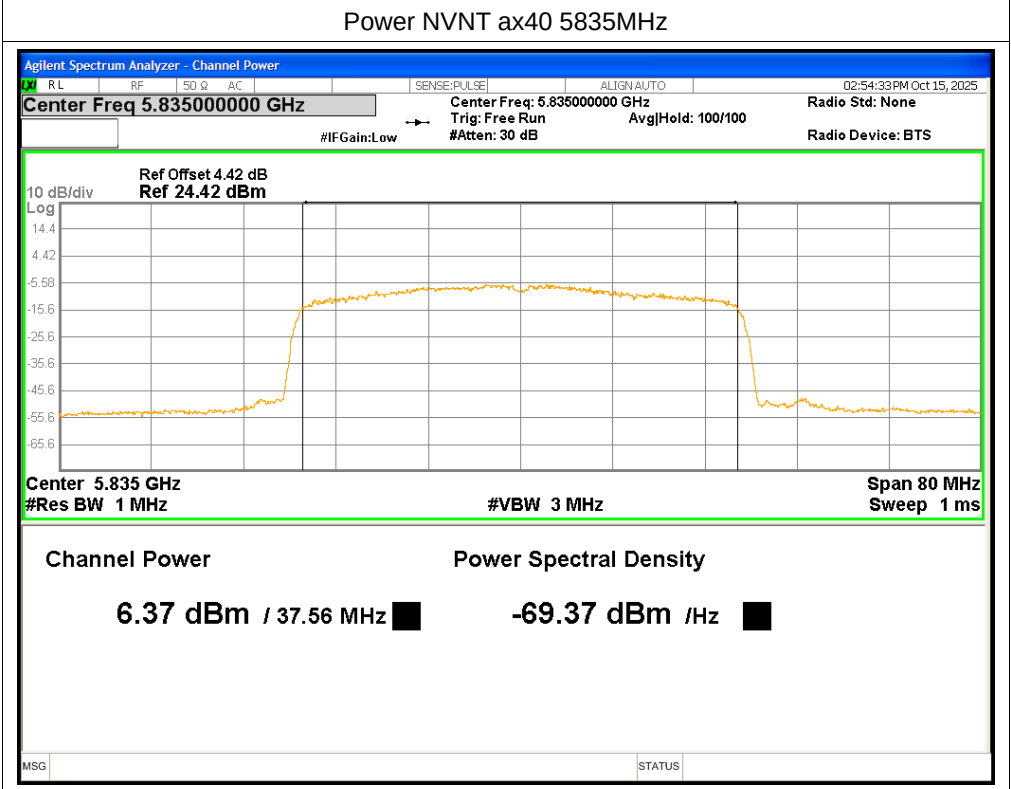
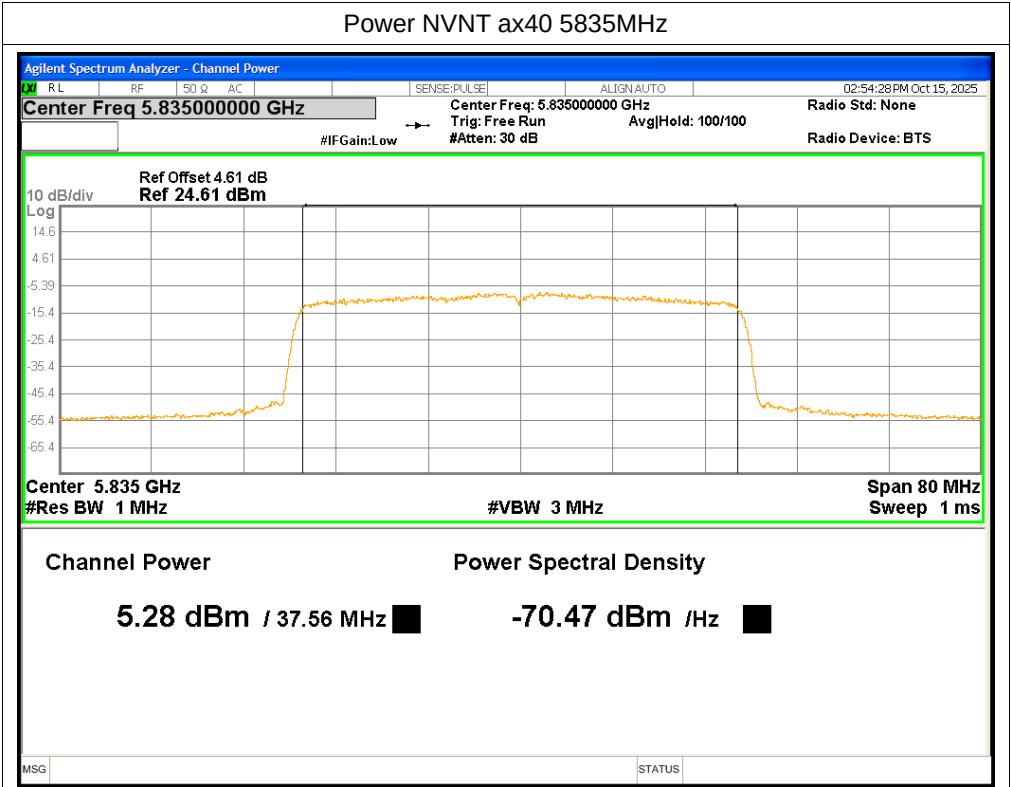


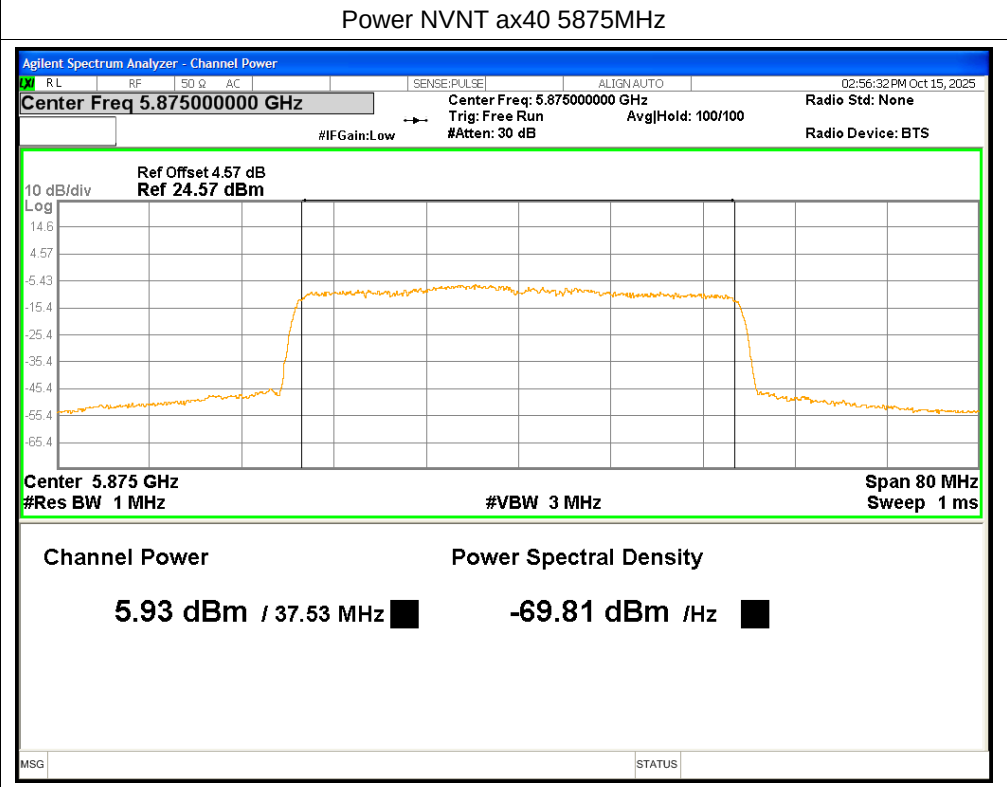
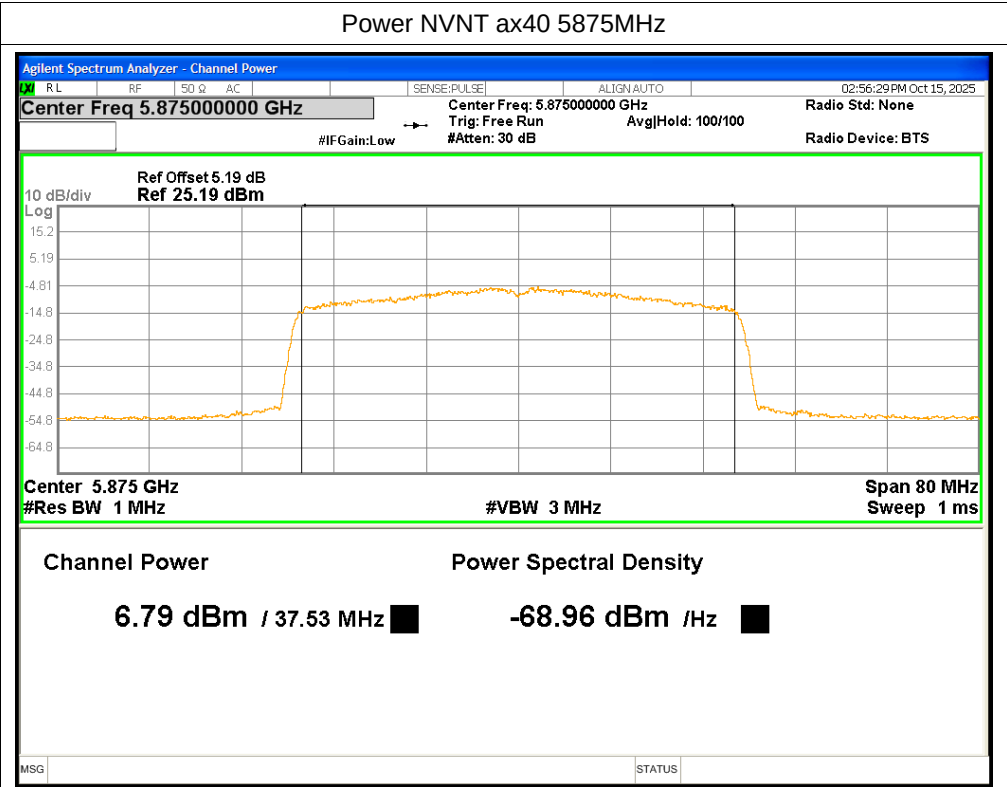


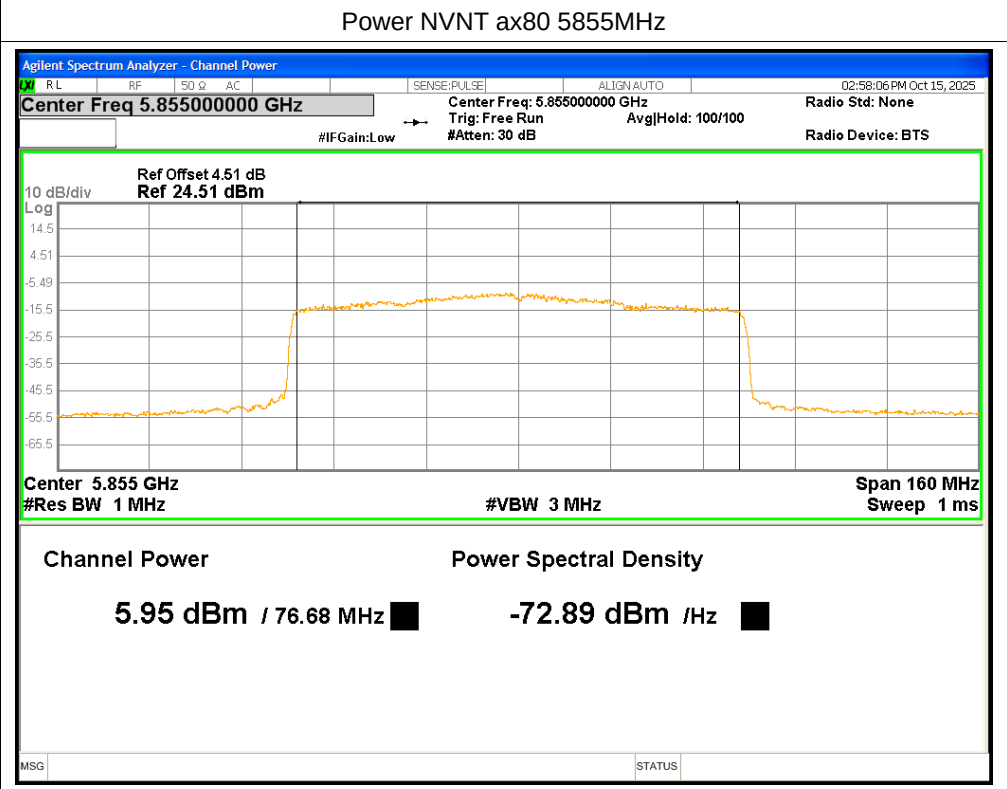
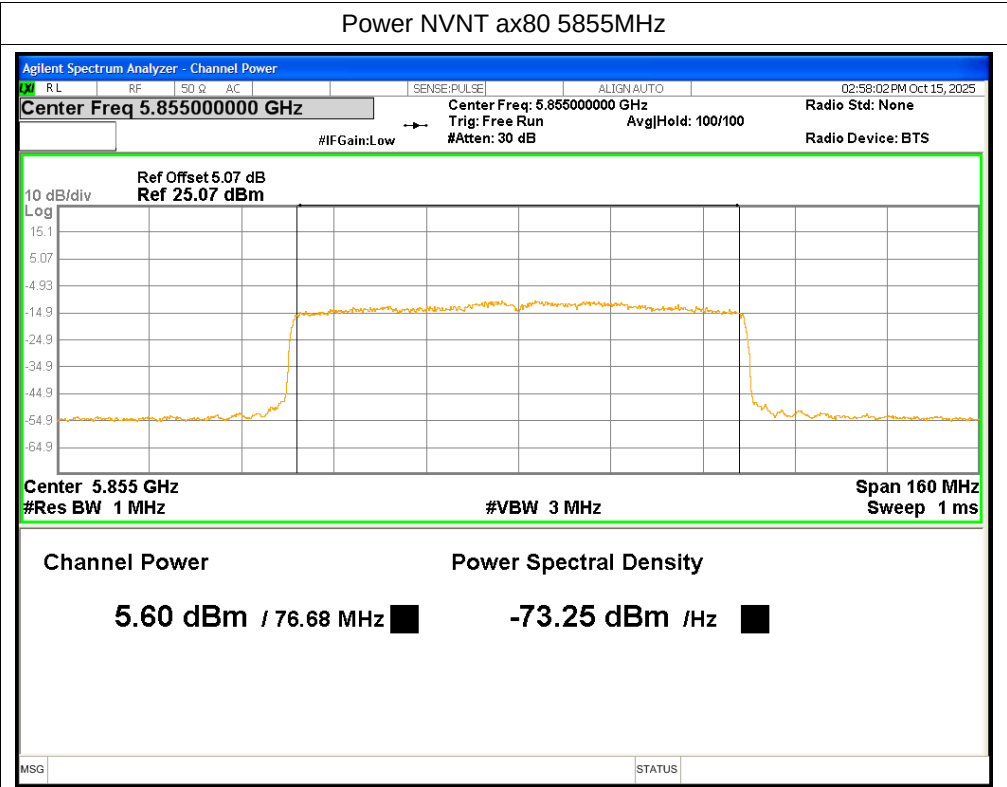










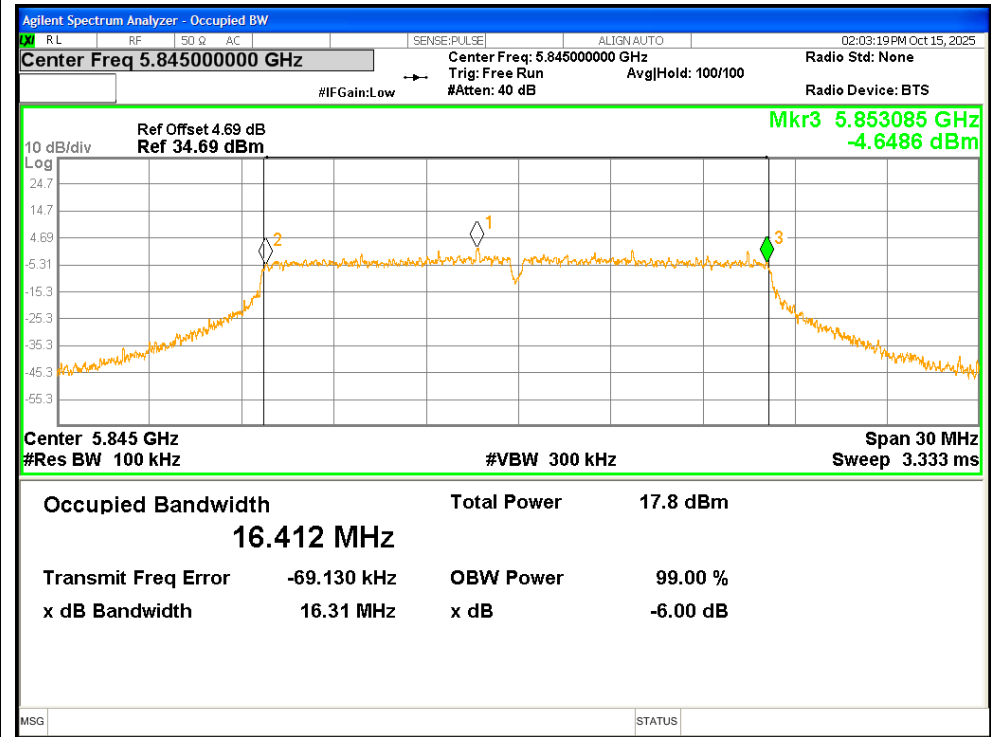


-6dB Bandwidth

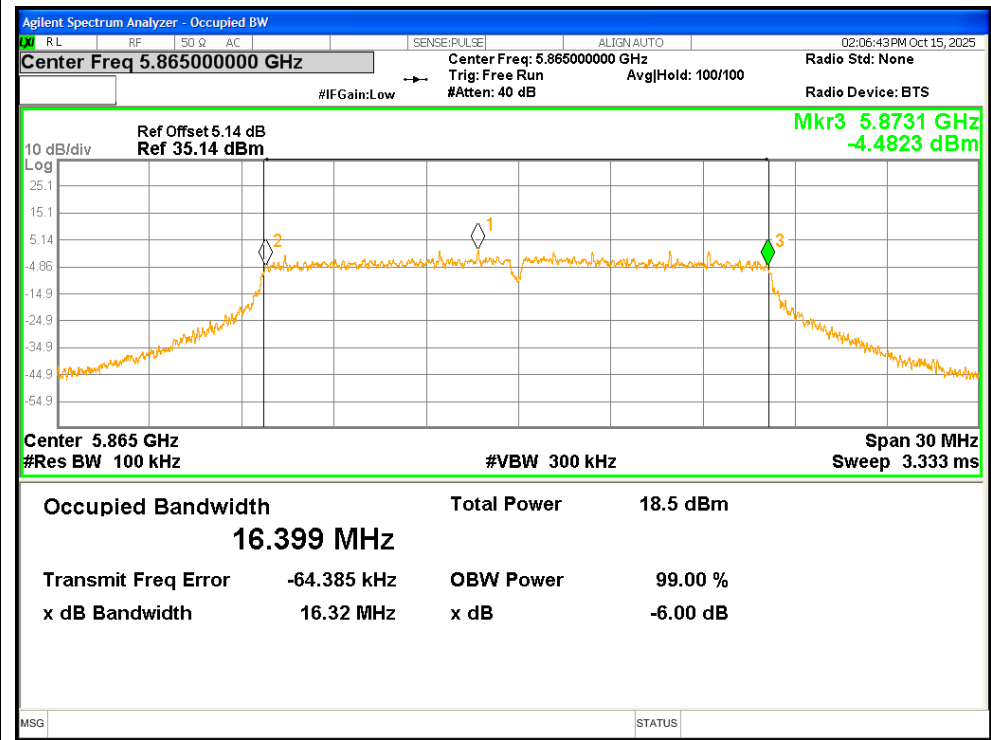
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5845	16.31	≥ 0.5	Pass
NVNT	a	5865	16.32	≥ 0.5	Pass
NVNT	a	5885	16.31	≥ 0.5	Pass
NVNT	a	5845	16.36	≥ 0.5	Pass
NVNT	a	5865	16.37	≥ 0.5	Pass
NVNT	a	5885	16.35	≥ 0.5	Pass
NVNT	n20	5845	17.57	≥ 0.5	Pass
NVNT	n20	5865	17.55	≥ 0.5	Pass
NVNT	n20	5865	17.6	≥ 0.5	Pass
NVNT	n20	5885	17.54	≥ 0.5	Pass
NVNT	n20	5885	16.68	≥ 0.5	Pass
NVNT	n40	5835	33.81	≥ 0.5	Pass
NVNT	n40	5835	35.12	≥ 0.5	Pass
NVNT	n40	5875	35.08	≥ 0.5	Pass
NVNT	n40	5875	33.73	≥ 0.5	Pass
NVNT	ac20	5845	17.56	≥ 0.5	Pass
NVNT	ac20	5865	17.3	≥ 0.5	Pass
NVNT	ac20	5865	17.58	≥ 0.5	Pass
NVNT	ac20	5885	16.53	≥ 0.5	Pass
NVNT	ac20	5885	17.54	≥ 0.5	Pass
NVNT	ac40	5835	34.98	≥ 0.5	Pass
NVNT	ac40	5835	35.08	≥ 0.5	Pass
NVNT	ac40	5875	35.04	≥ 0.5	Pass
NVNT	ac40	5875	35.06	≥ 0.5	Pass
NVNT	ac80	5855	75.08	≥ 0.5	Pass
NVNT	ac80	5855	72.54	≥ 0.5	Pass
NVNT	ax20	5845	18.7	≥ 0.5	Pass
NVNT	ax20	5845	17.84	≥ 0.5	Pass
NVNT	ax20	5865	18.07	≥ 0.5	Pass
NVNT	ax20	5865	18.61	≥ 0.5	Pass
NVNT	ax20	5885	17.97	≥ 0.5	Pass
NVNT	ax20	5885	17	≥ 0.5	Pass
NVNT	ax40	5835	35.1	≥ 0.5	Pass
NVNT	ax40	5835	35.11	≥ 0.5	Pass
NVNT	ax40	5875	35.01	≥ 0.5	Pass
NVNT	ax40	5875	35.04	≥ 0.5	Pass
NVNT	ax80	5855	75.1	≥ 0.5	Pass
NVNT	ax80	5855	75.04	≥ 0.5	Pass

Test Graphs

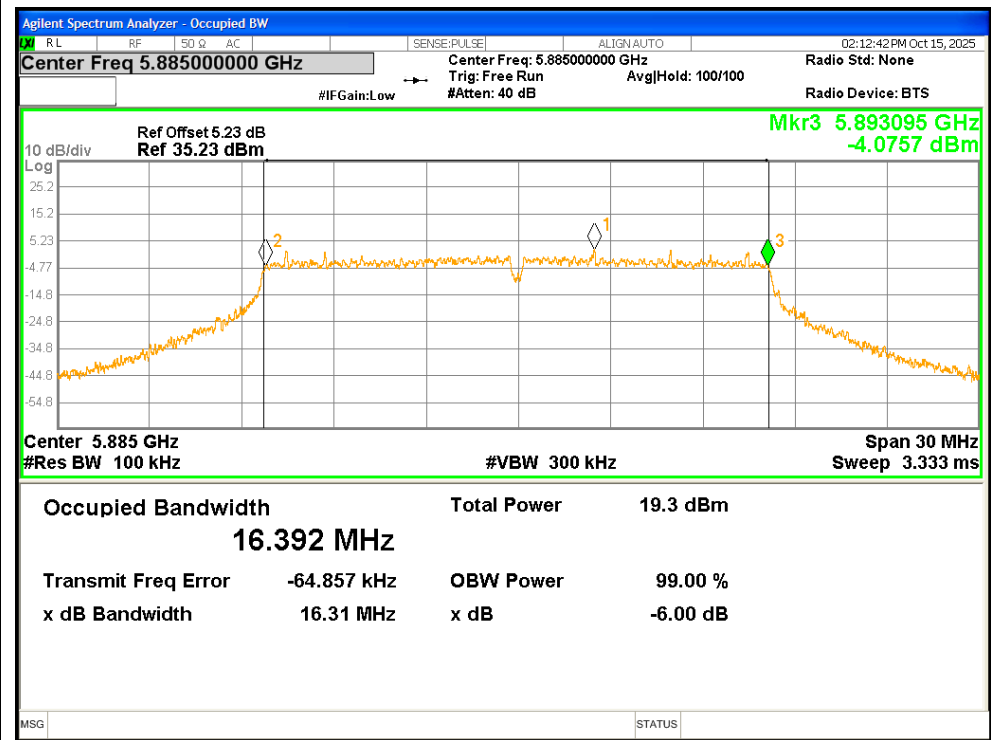
-6dB Bandwidth NVNT a 5845MHz



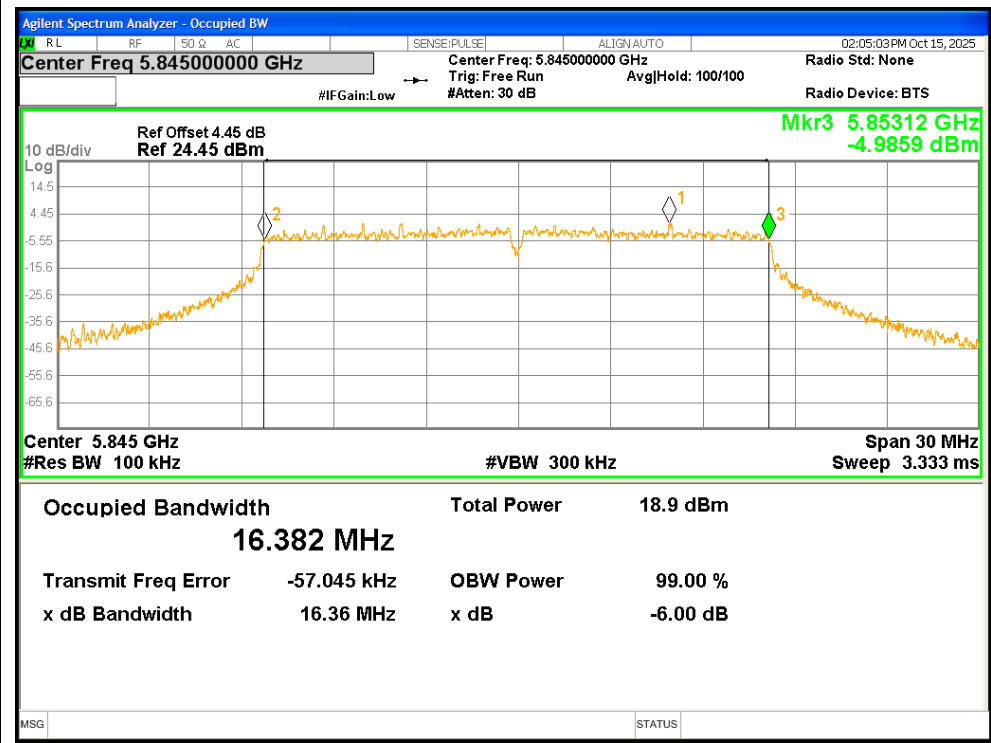
-6dB Bandwidth NVNT a 5865MHz

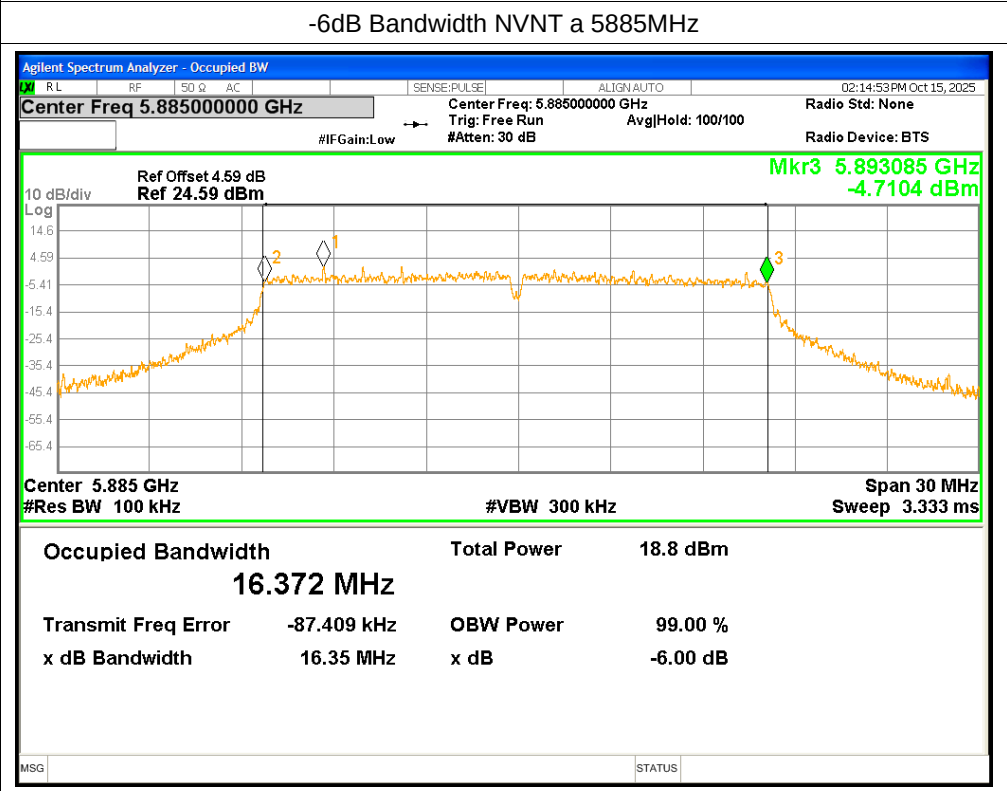
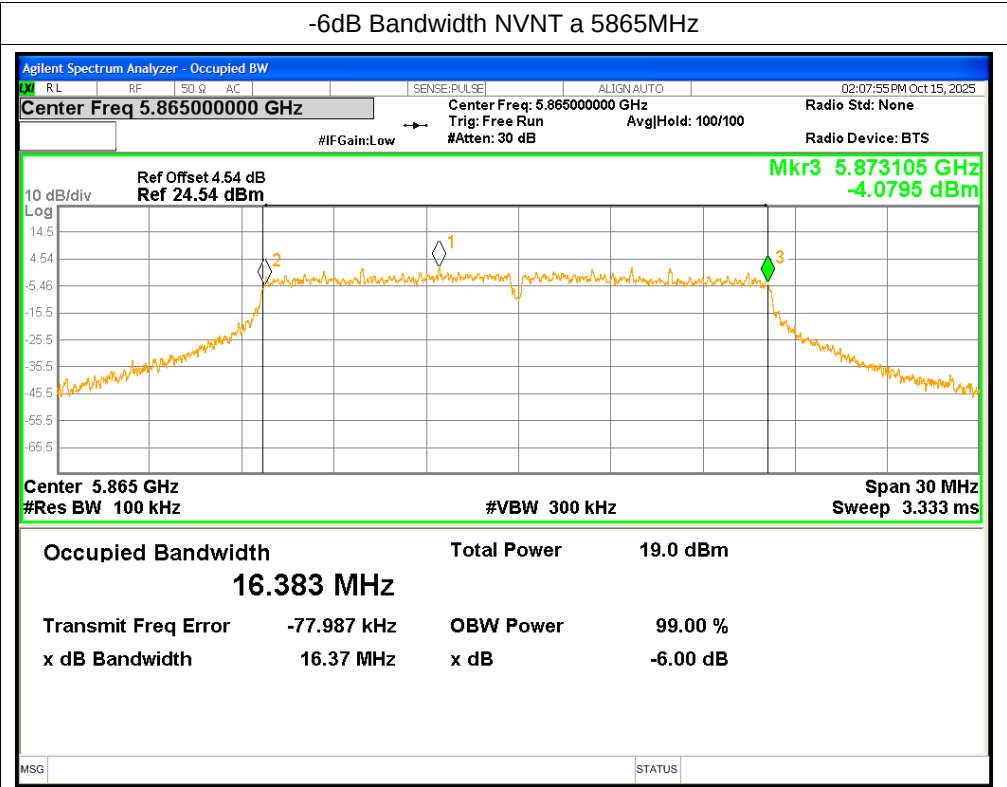


-6dB Bandwidth NVNT a 5885MHz

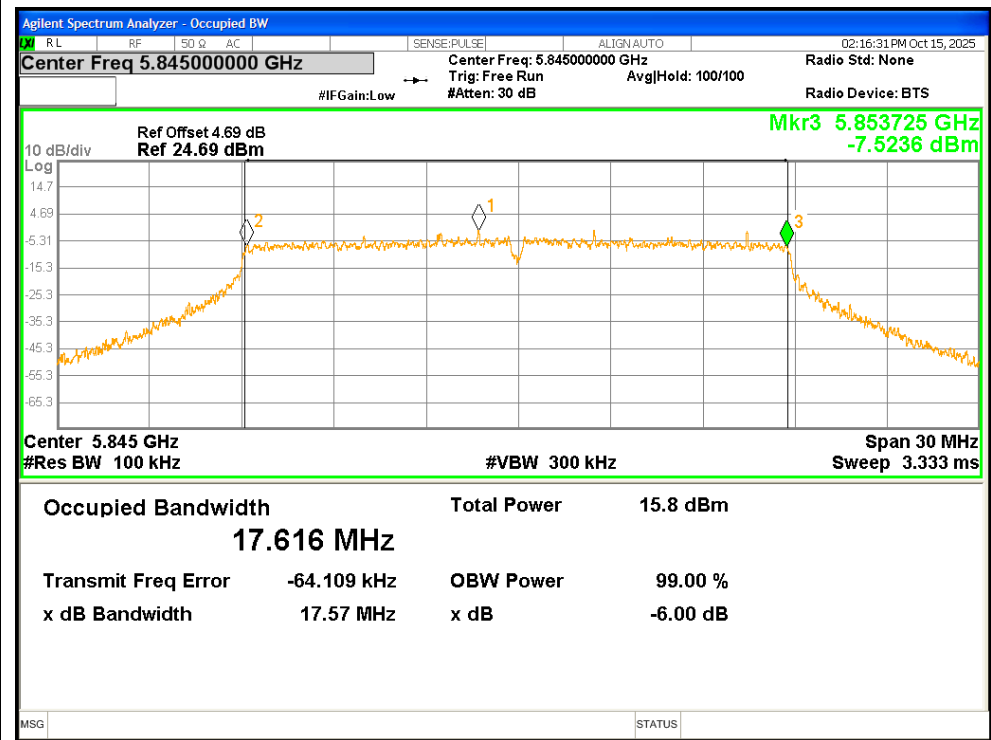


-6dB Bandwidth NVNT a 5845MHz

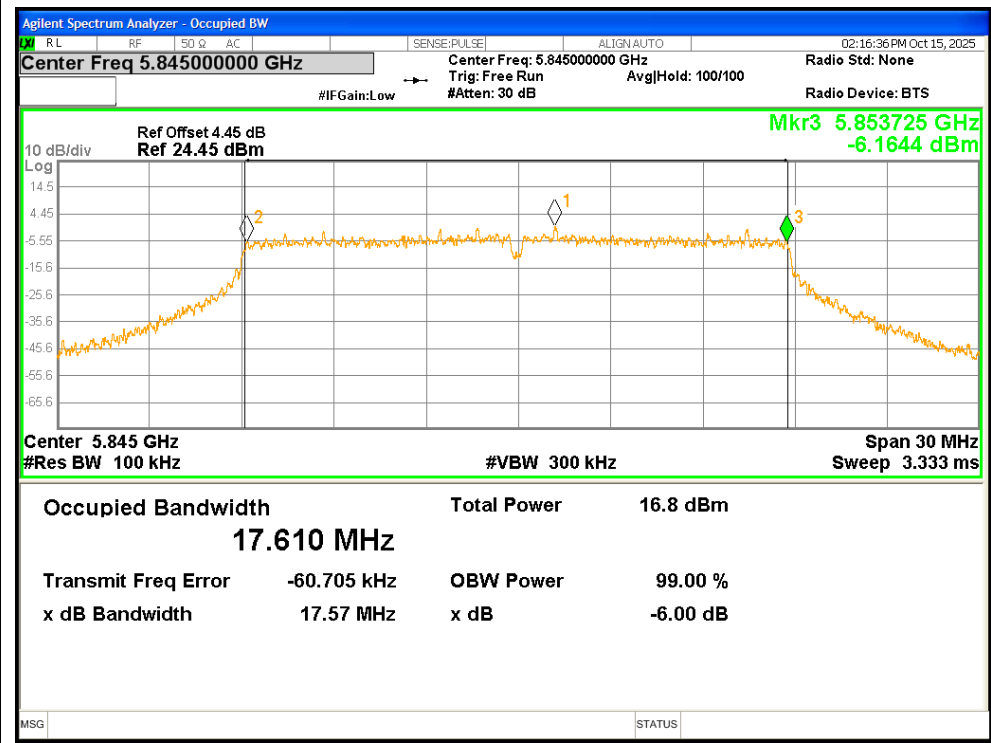


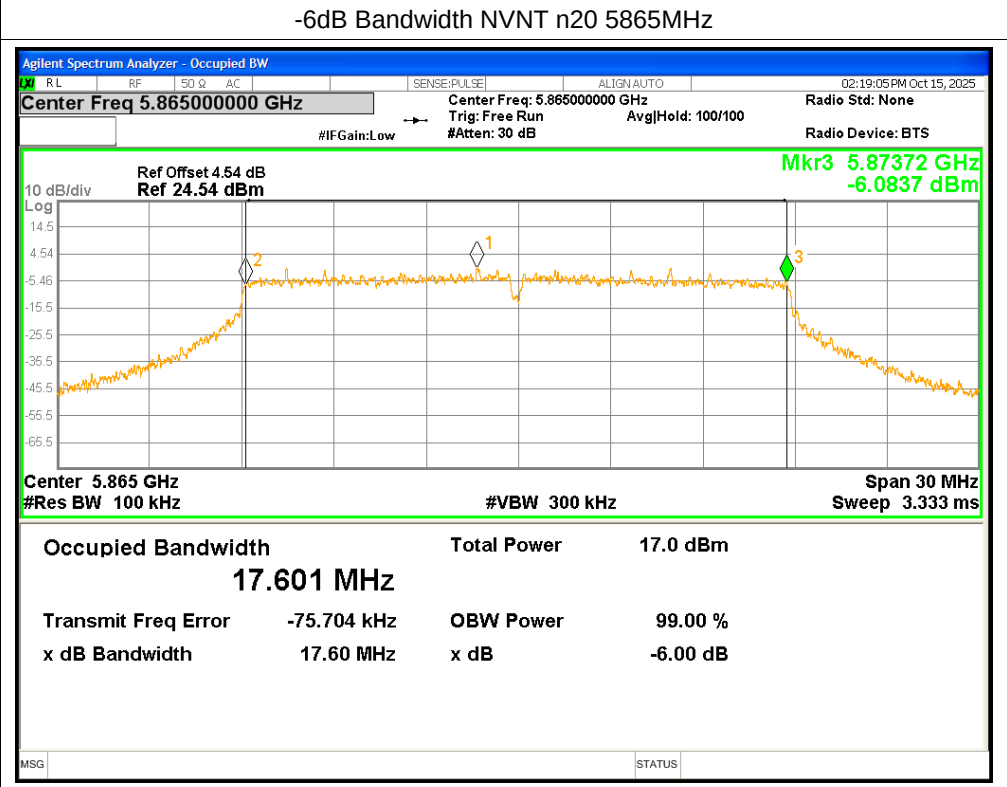
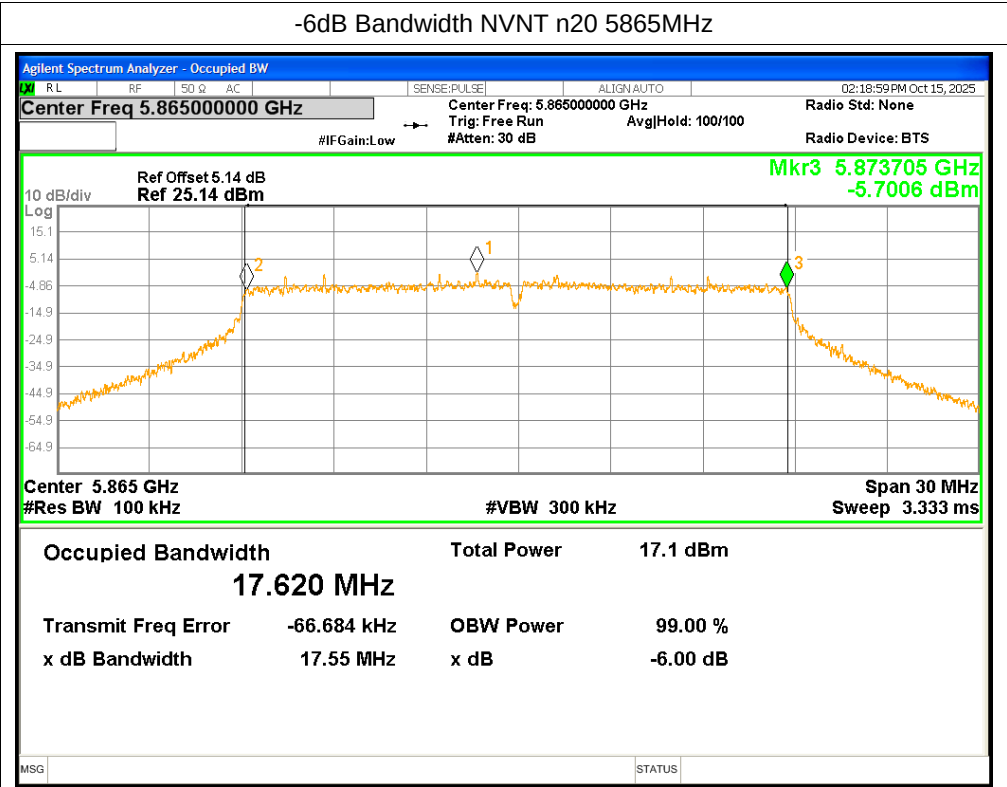


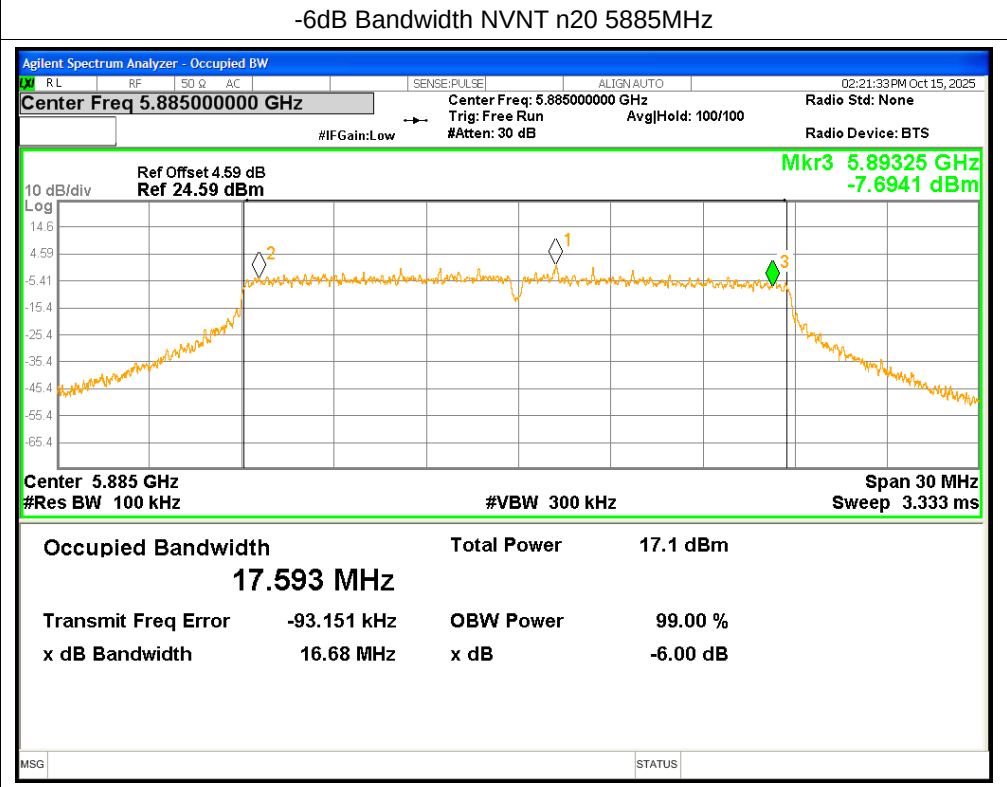
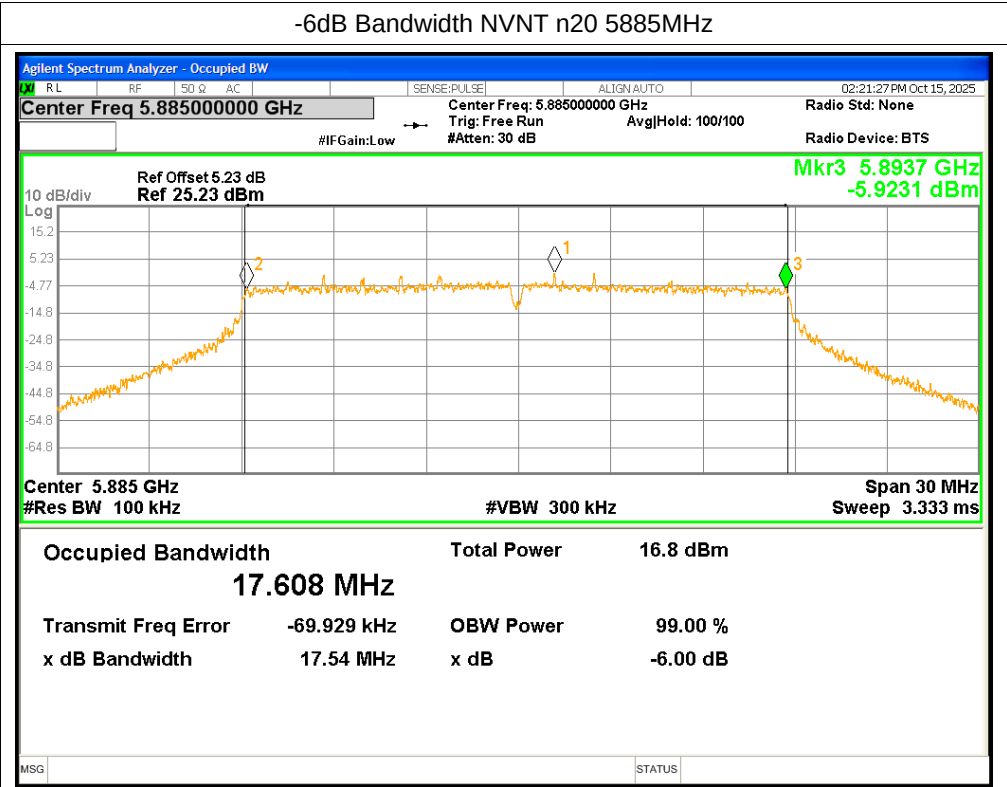
-6dB Bandwidth NVNT n20 5845MHz

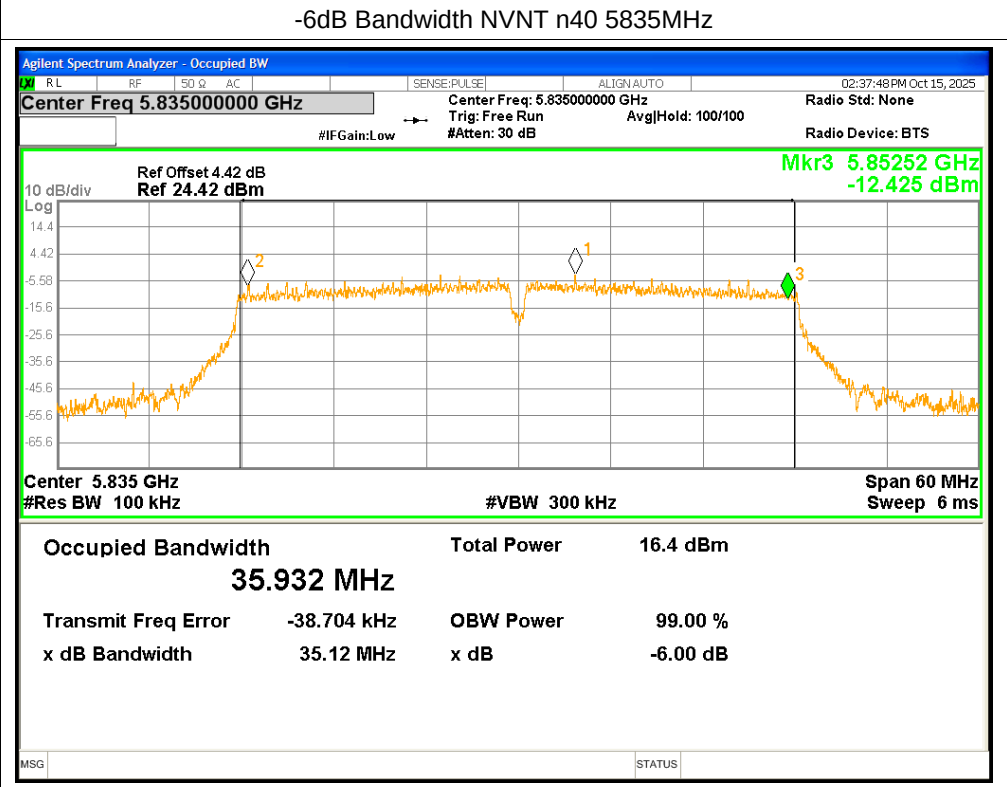
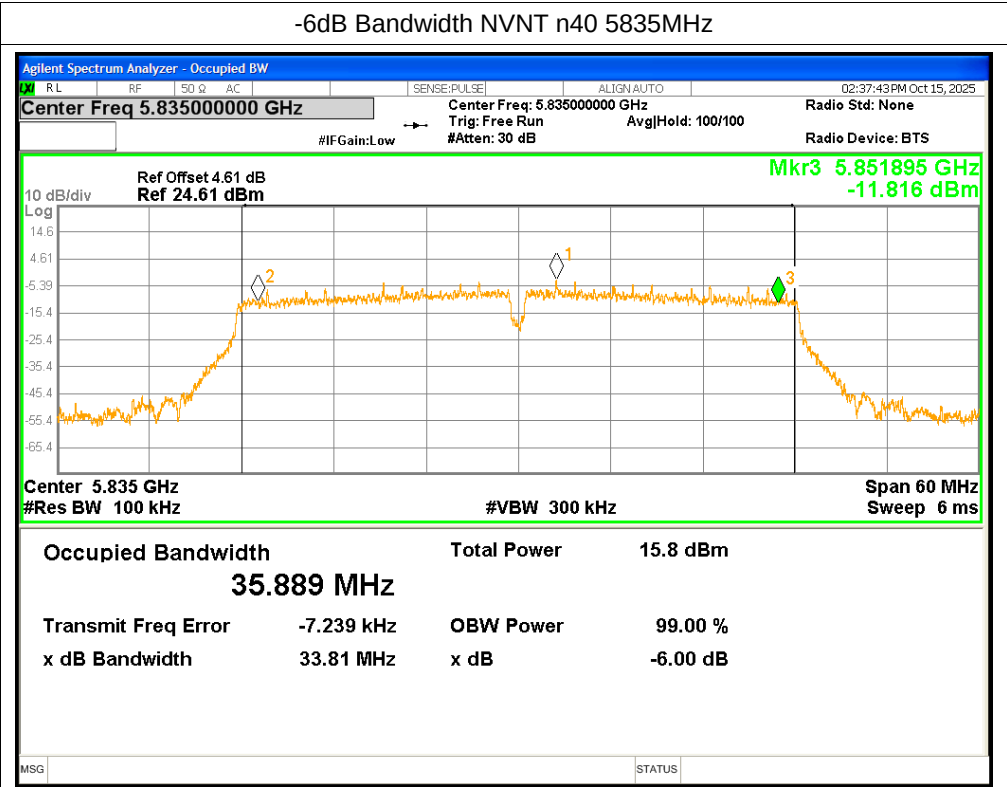


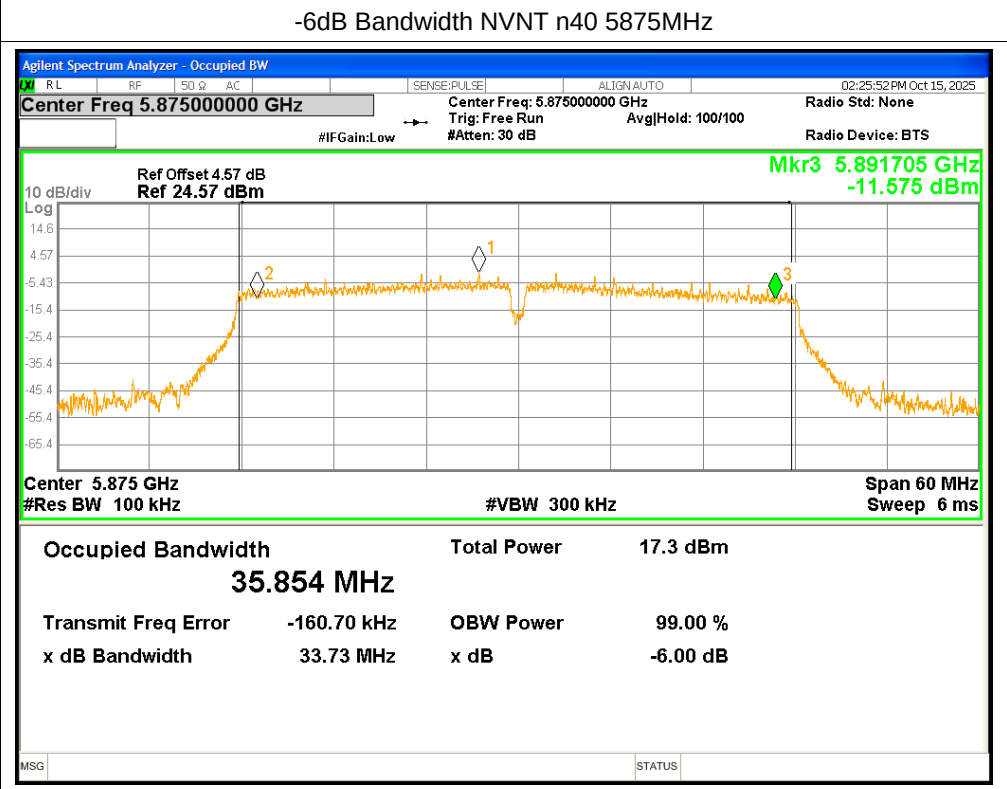
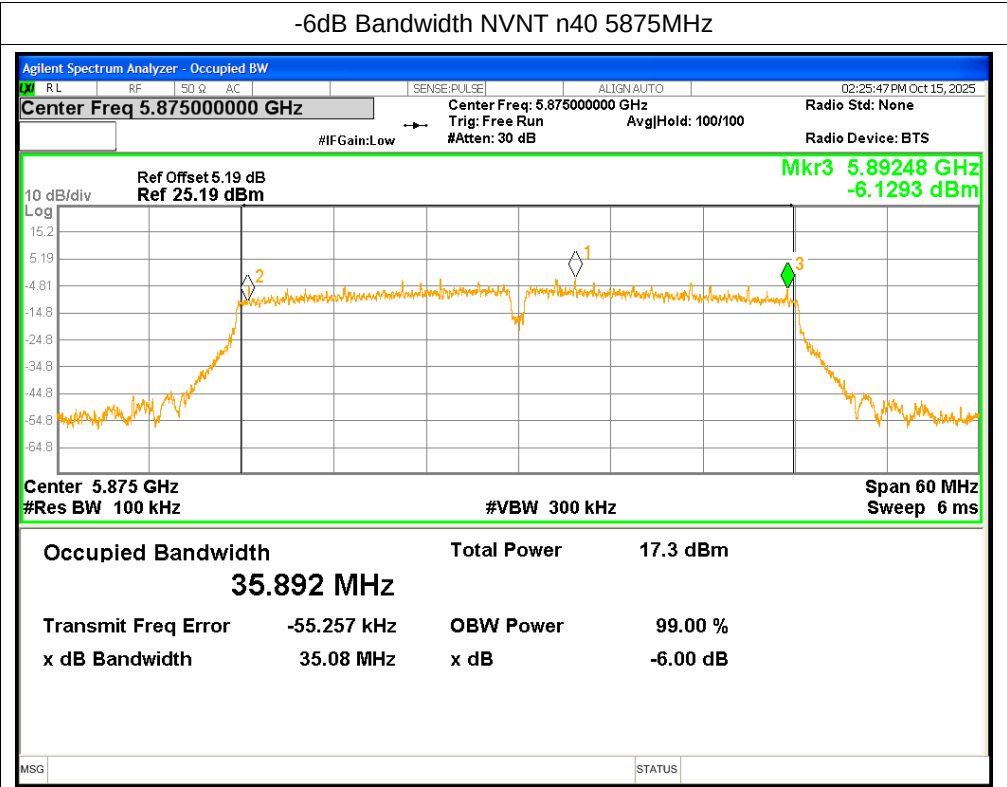
-6dB Bandwidth NVNT n20 5845MHz



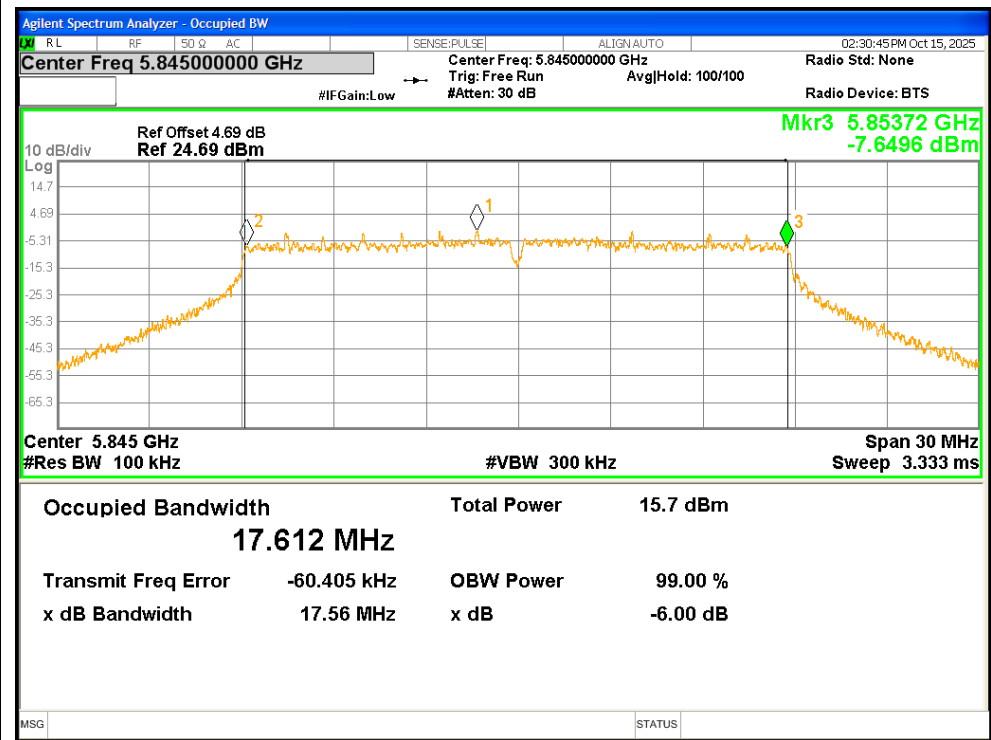




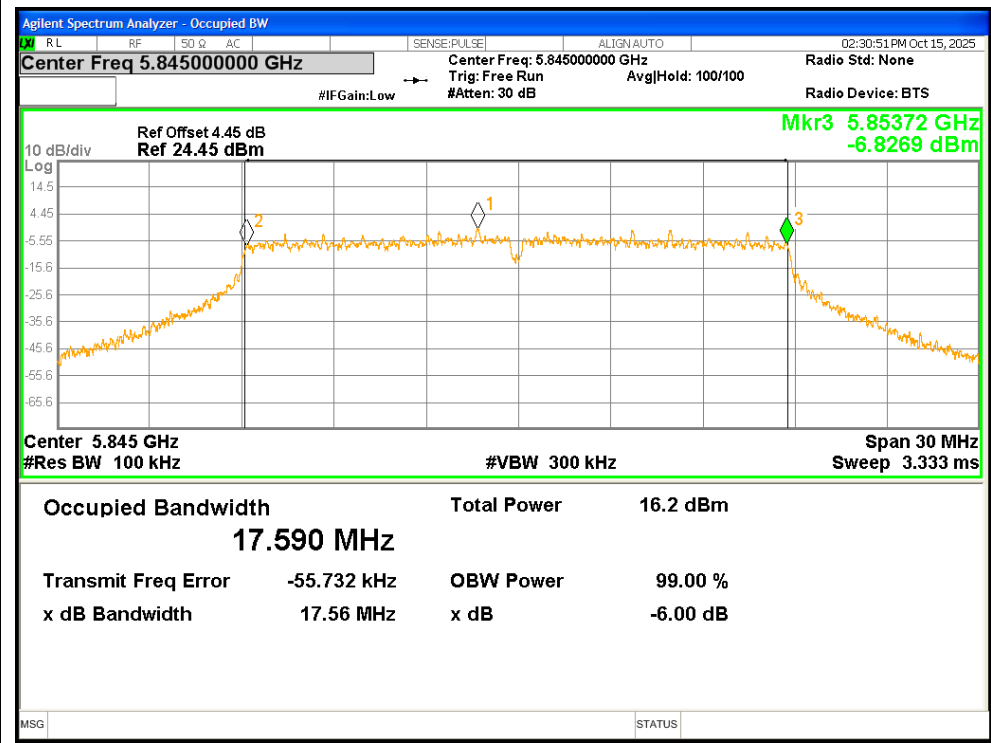




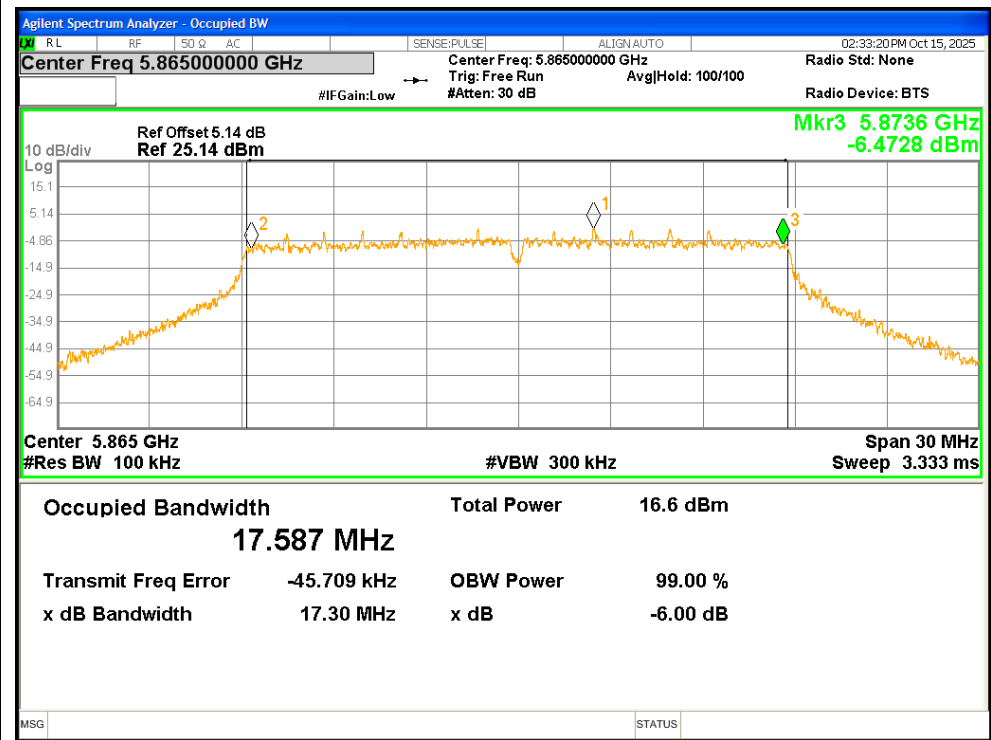
-6dB Bandwidth NVNT ac20 5845MHz



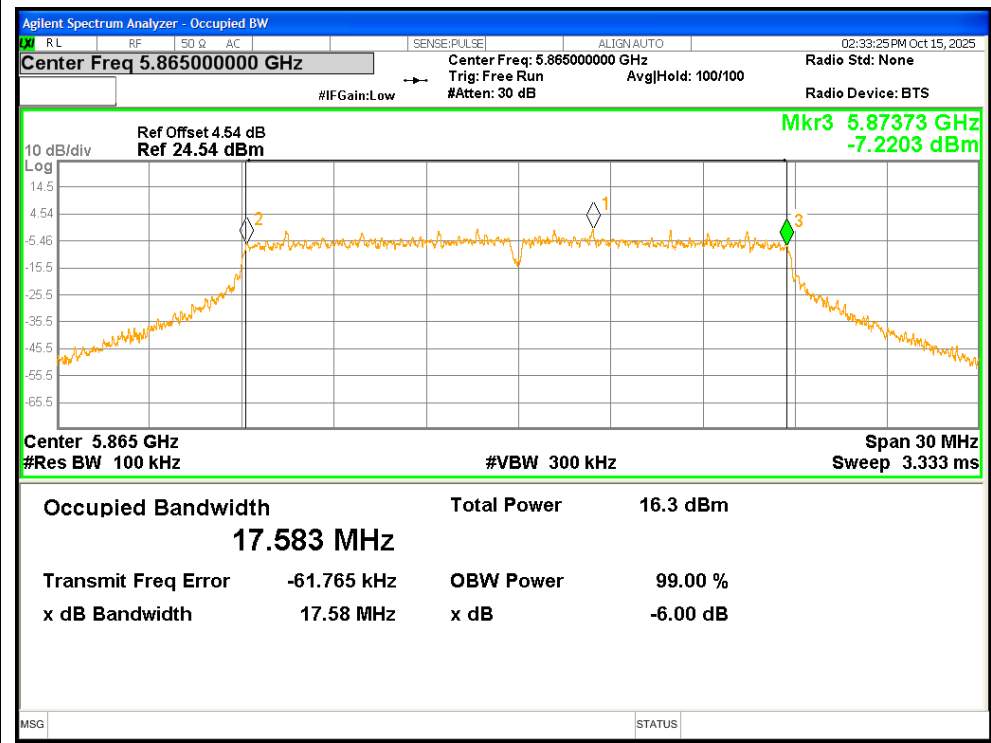
-6dB Bandwidth NVNT ac20 5845MHz

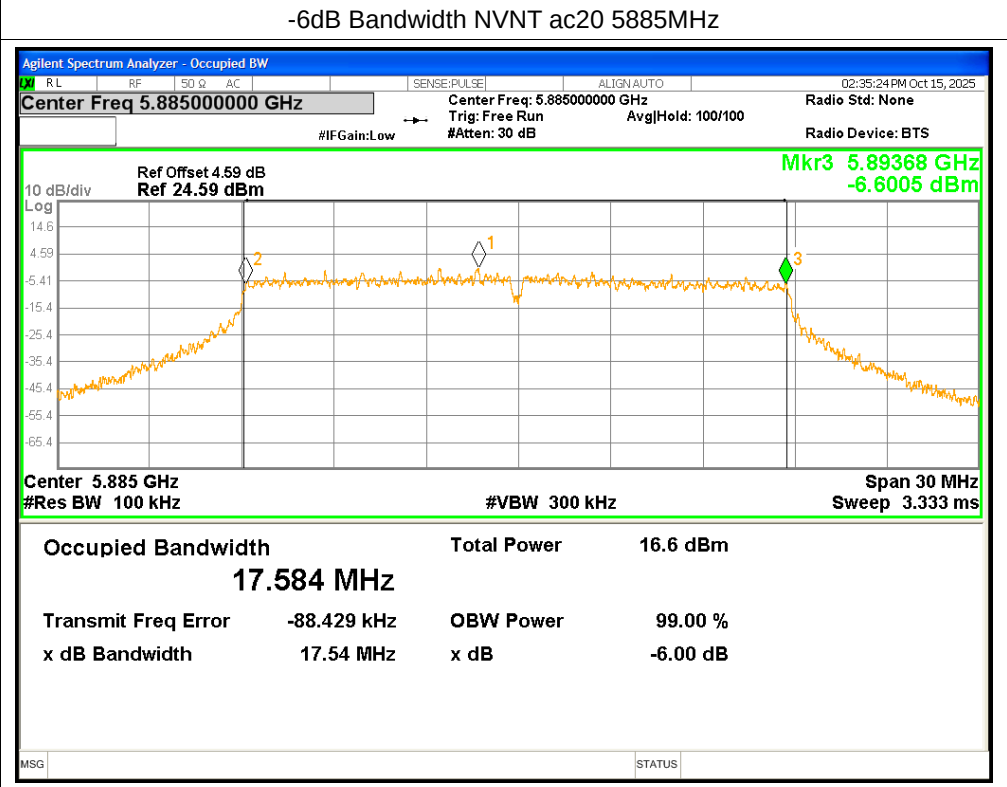
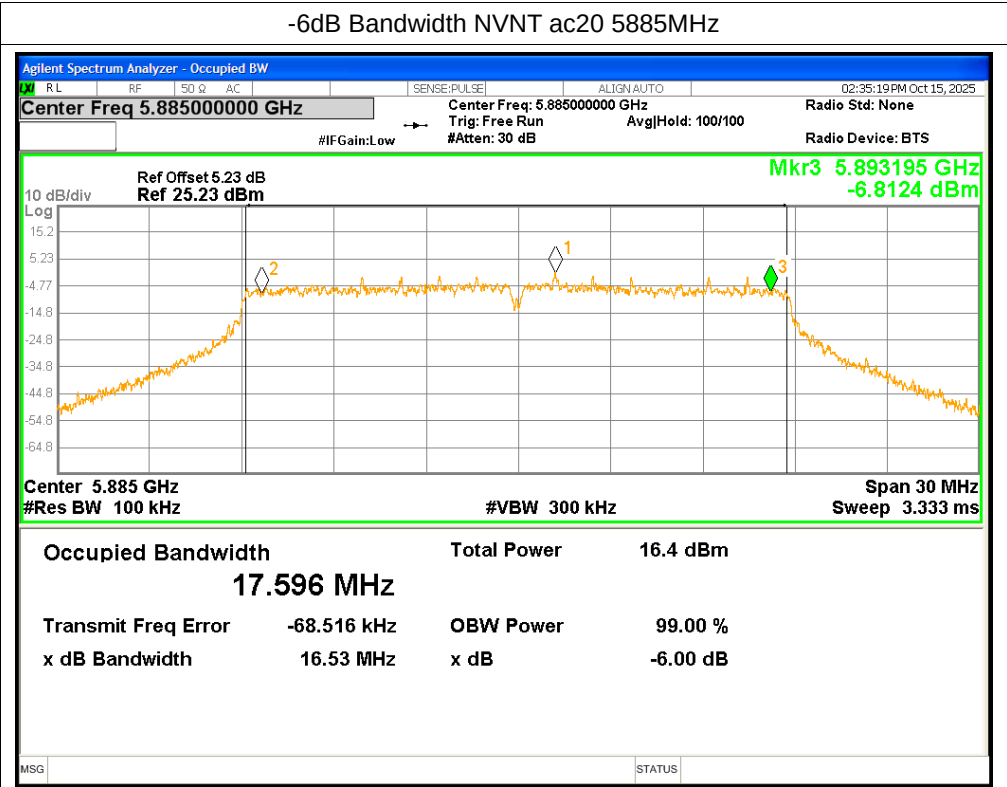


-6dB Bandwidth NVNT ac20 5865MHz

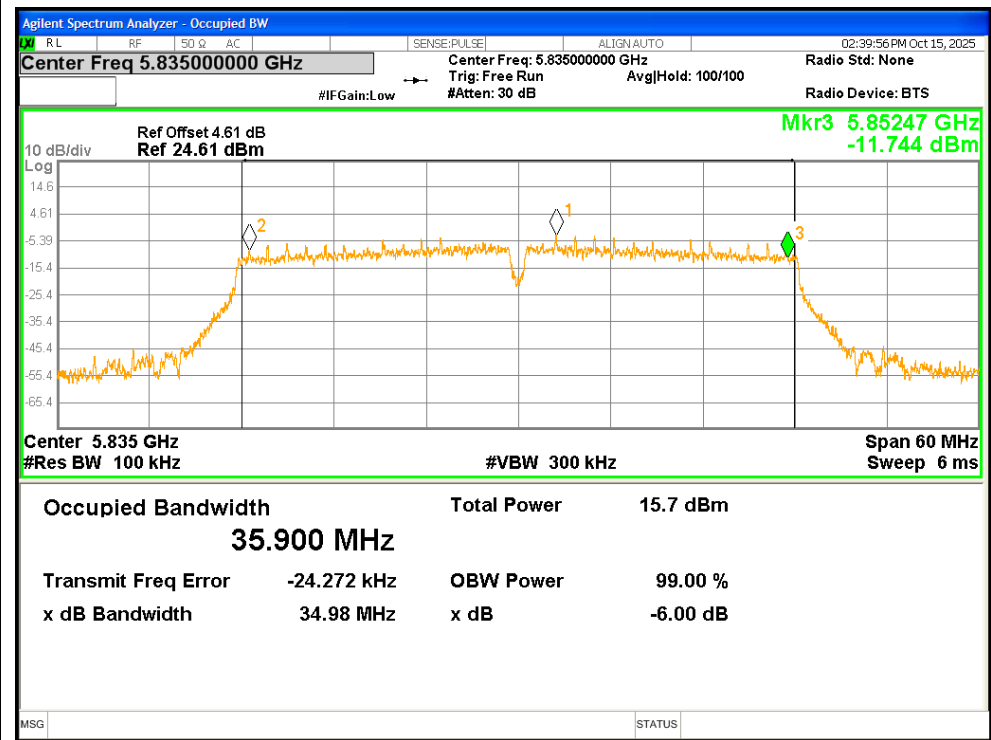


-6dB Bandwidth NVNT ac20 5865MHz

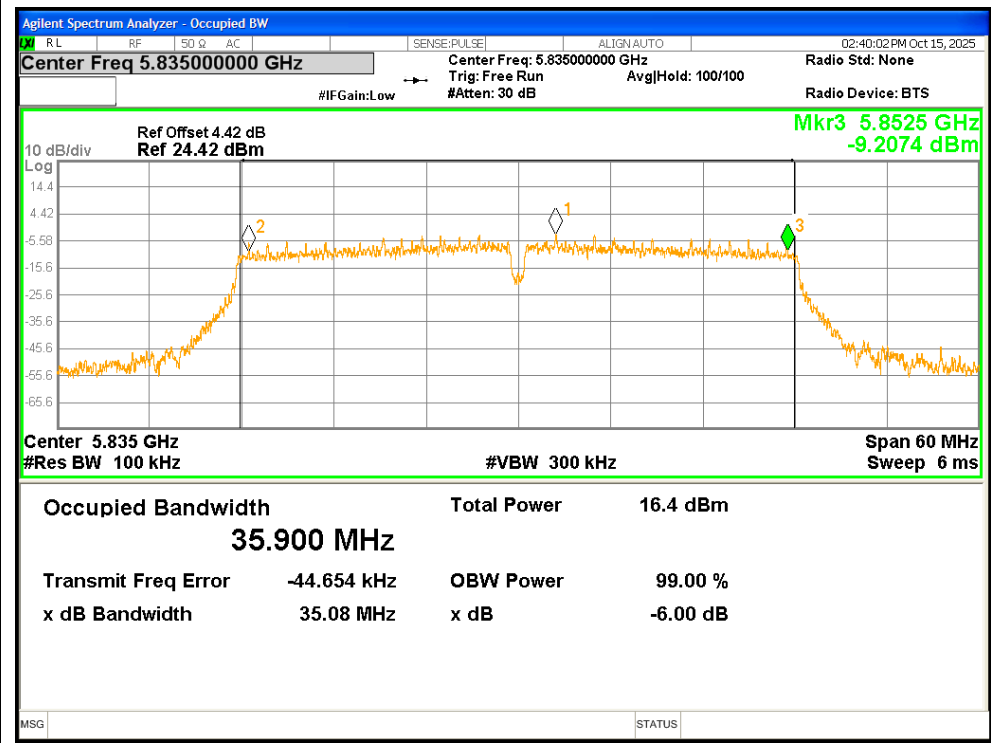


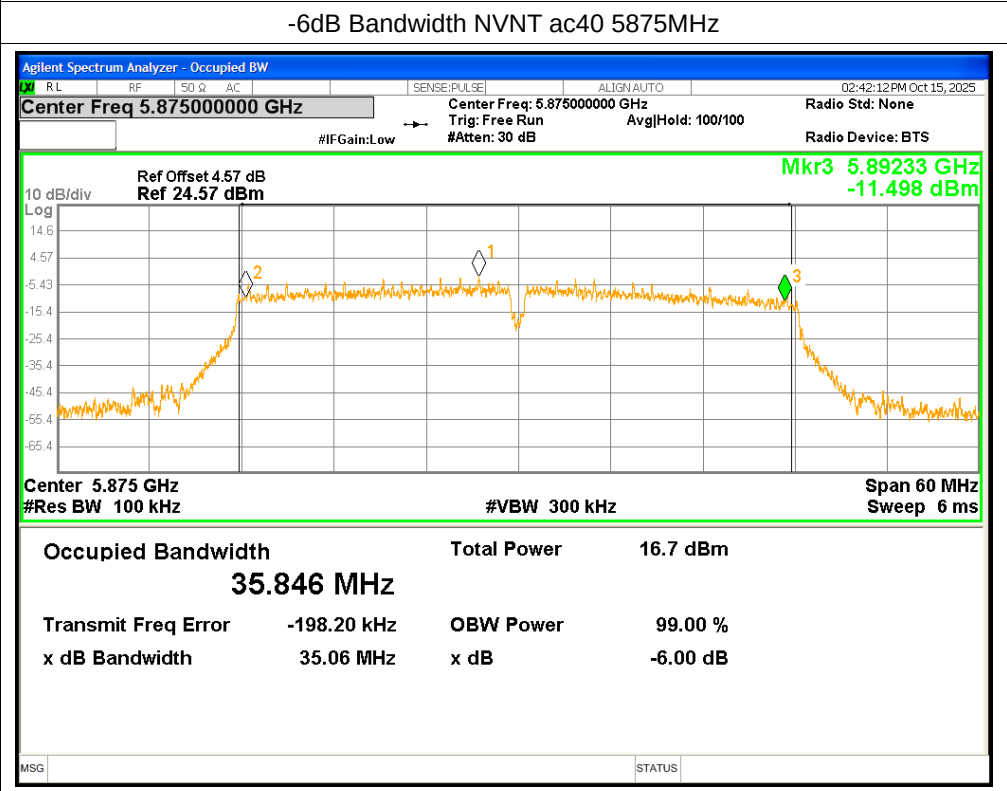
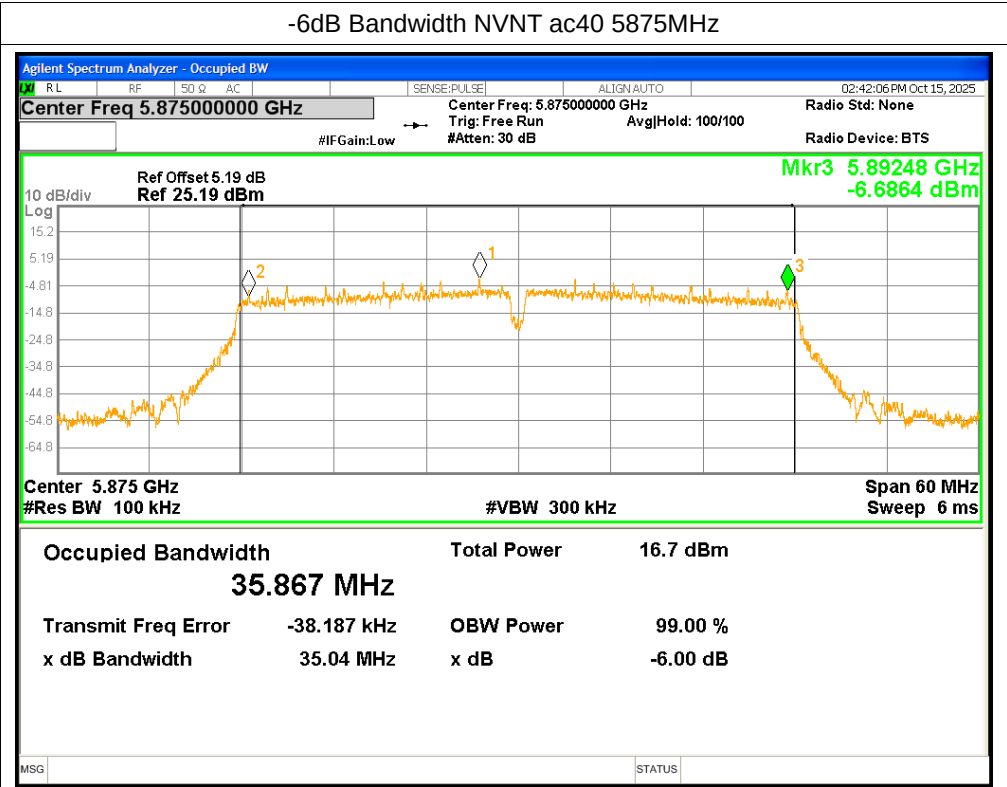


-6dB Bandwidth NVNT ac40 5835MHz

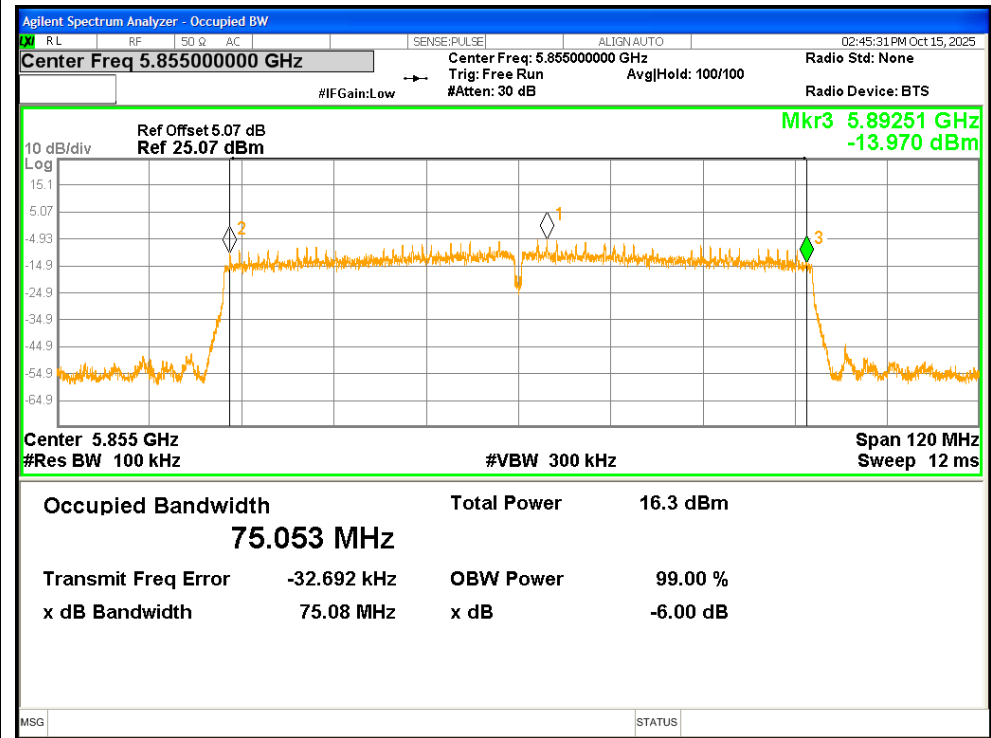


-6dB Bandwidth NVNT ac40 5835MHz

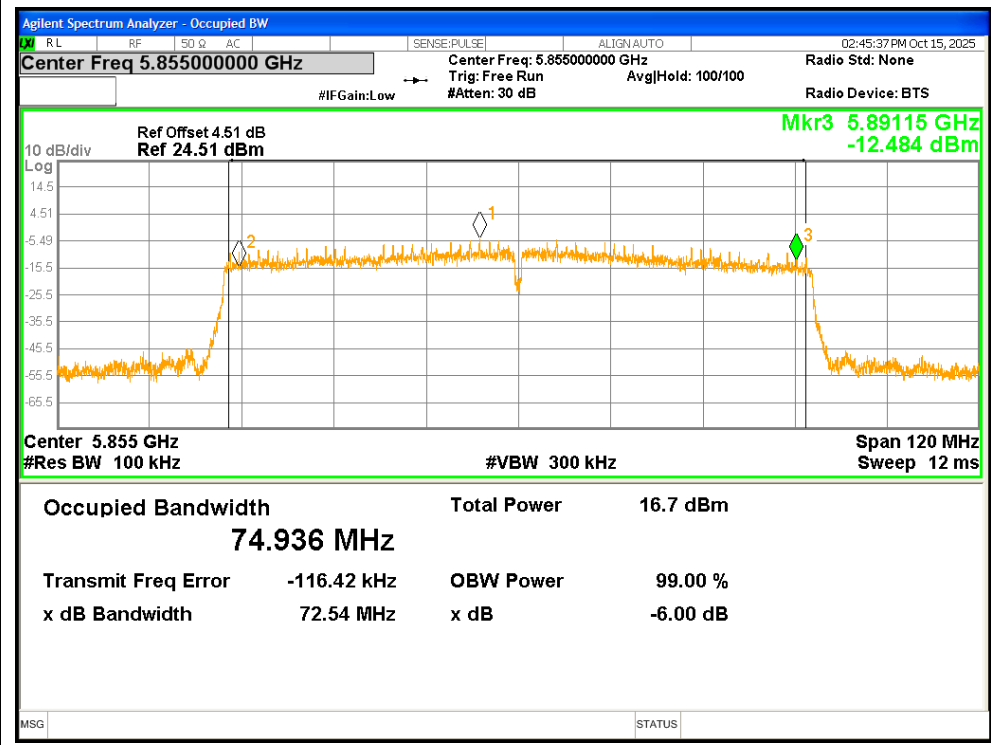




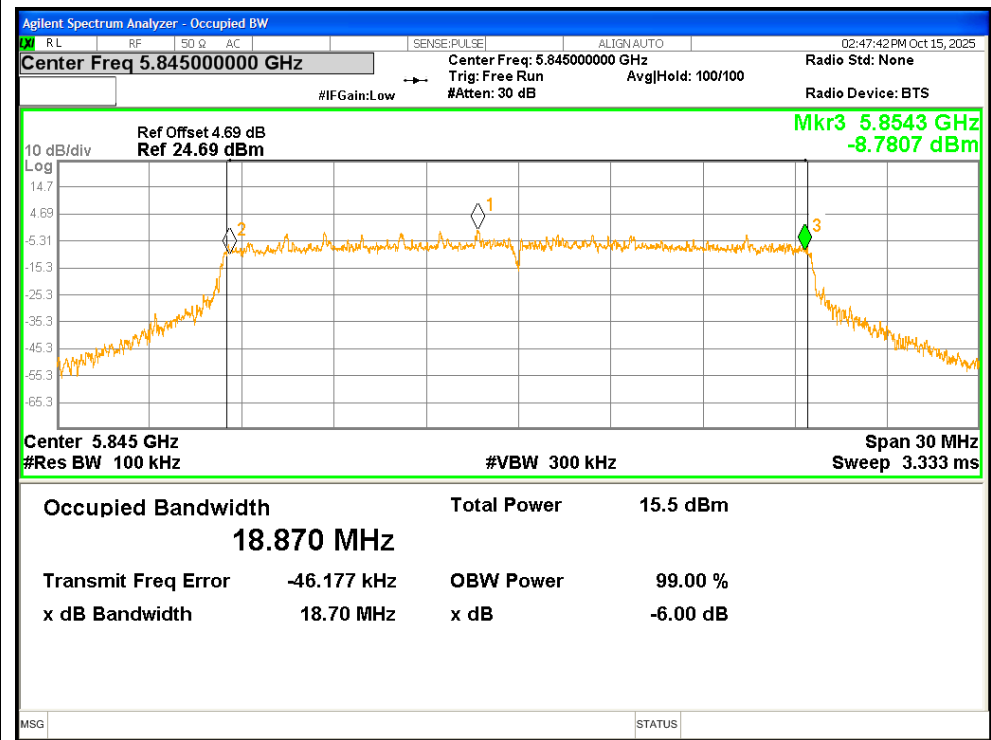
-6dB Bandwidth NVNT ac80 5855MHz



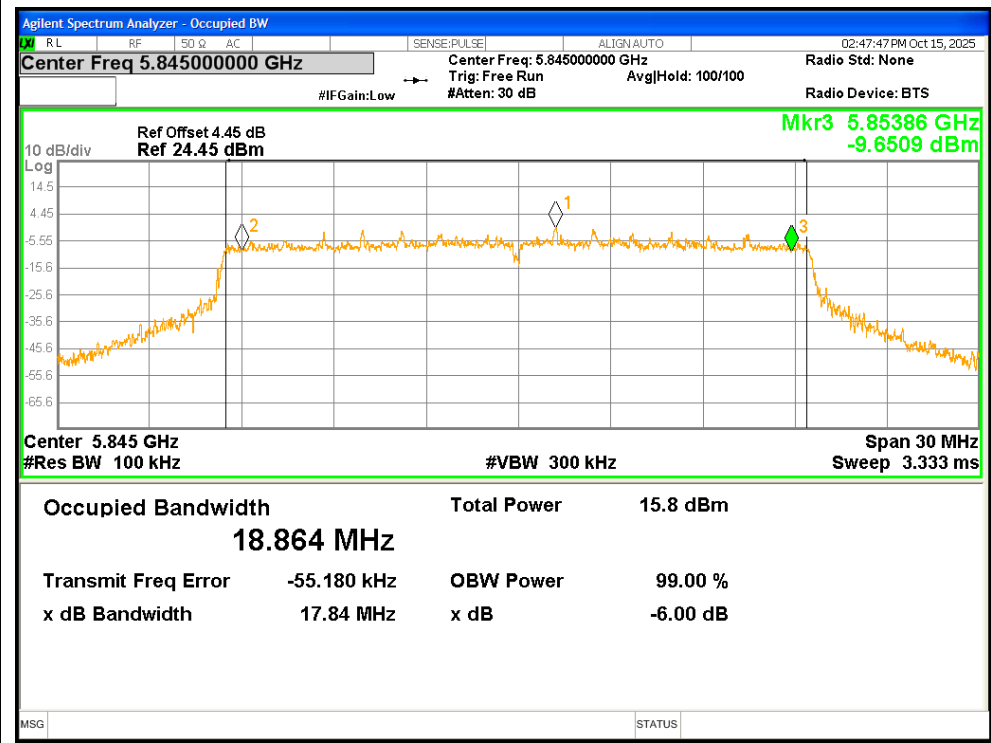
-6dB Bandwidth NVNT ac80 5855MHz

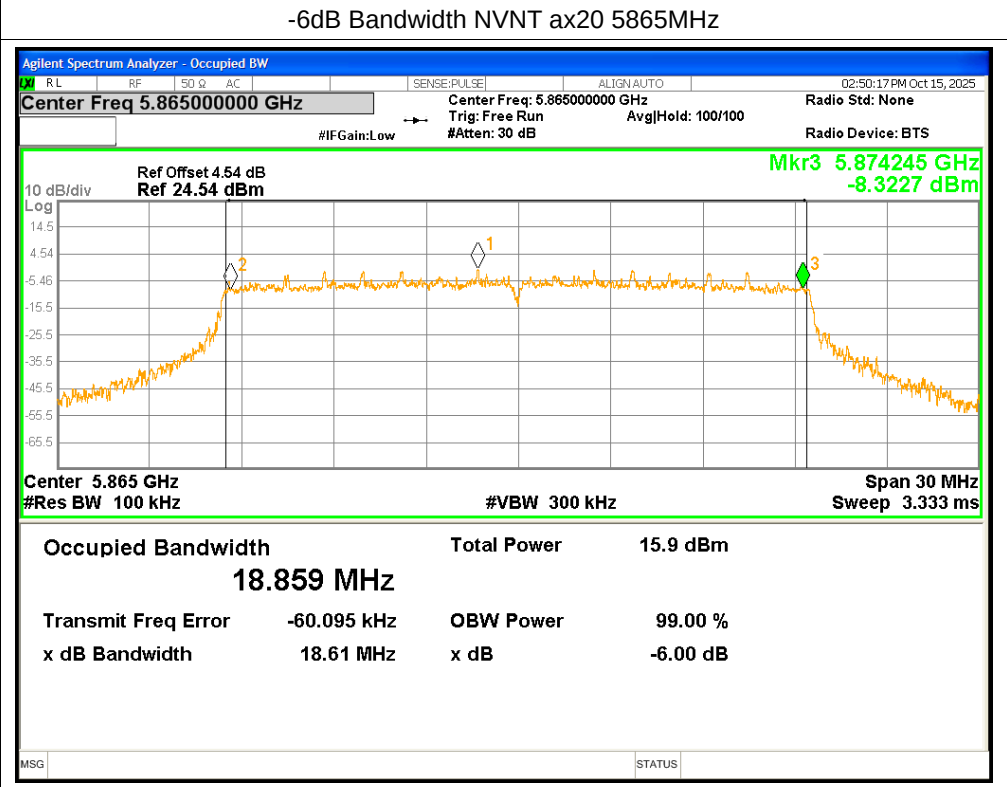
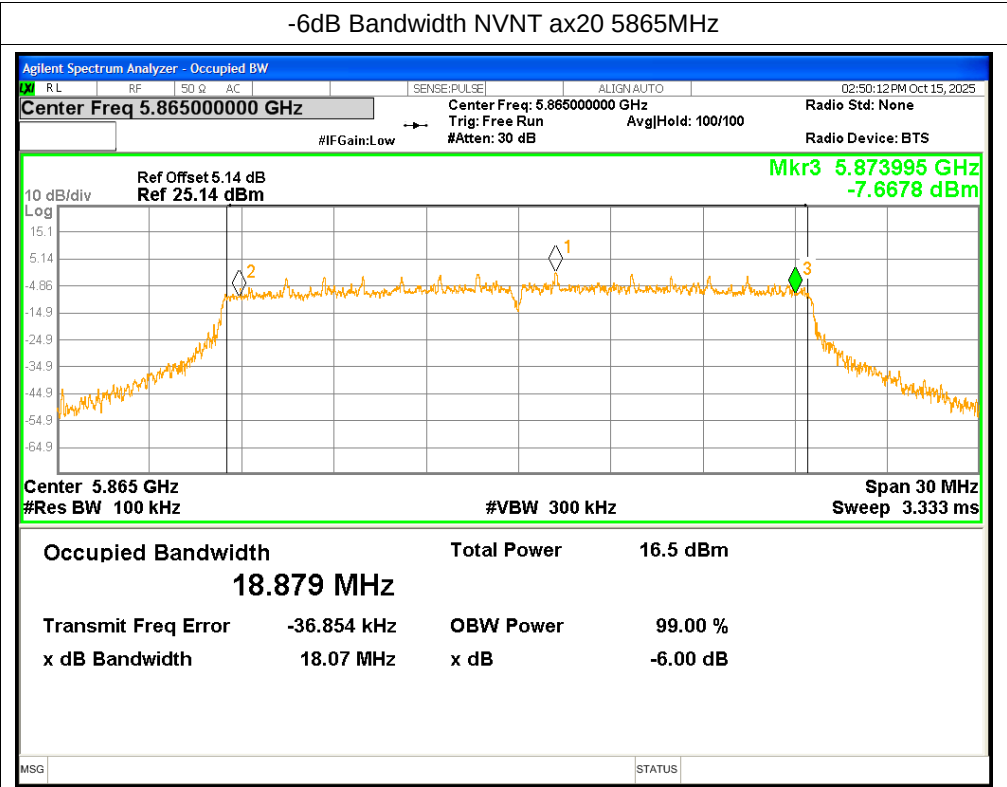


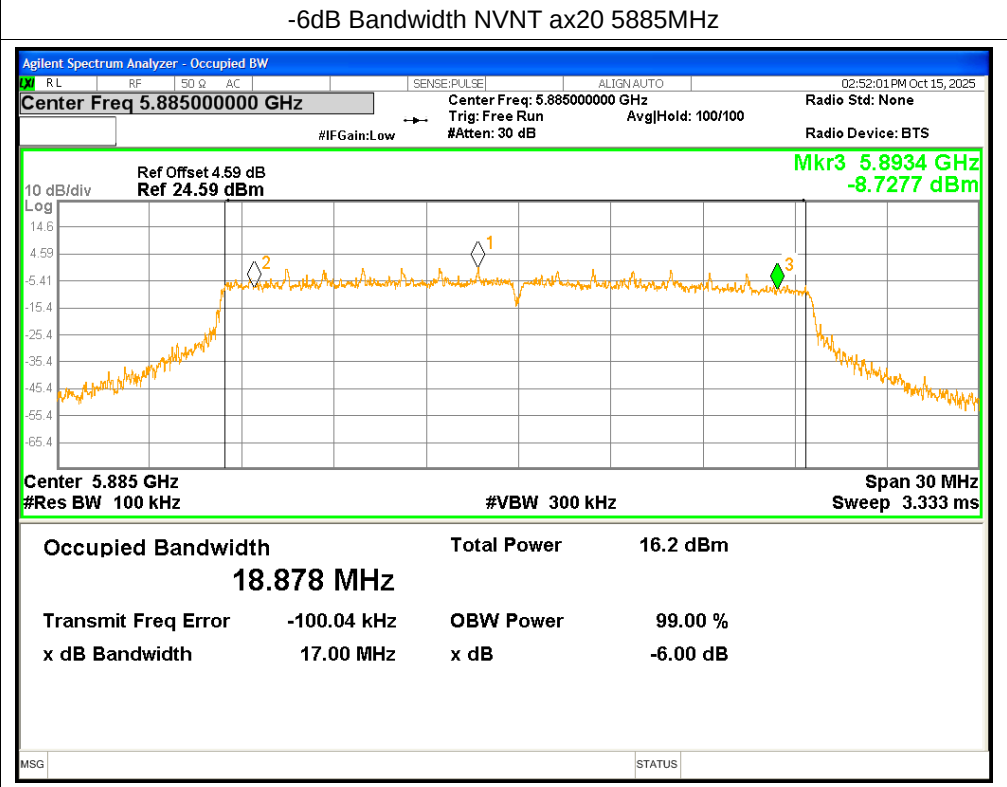
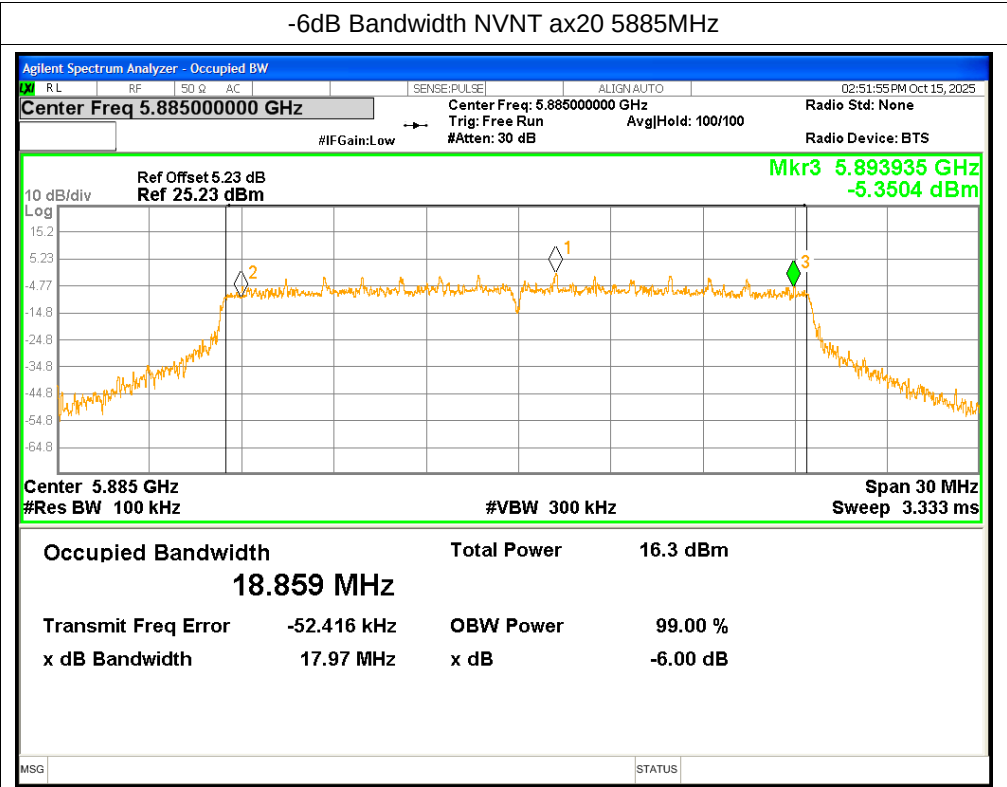
-6dB Bandwidth NVNT ax20 5845MHz



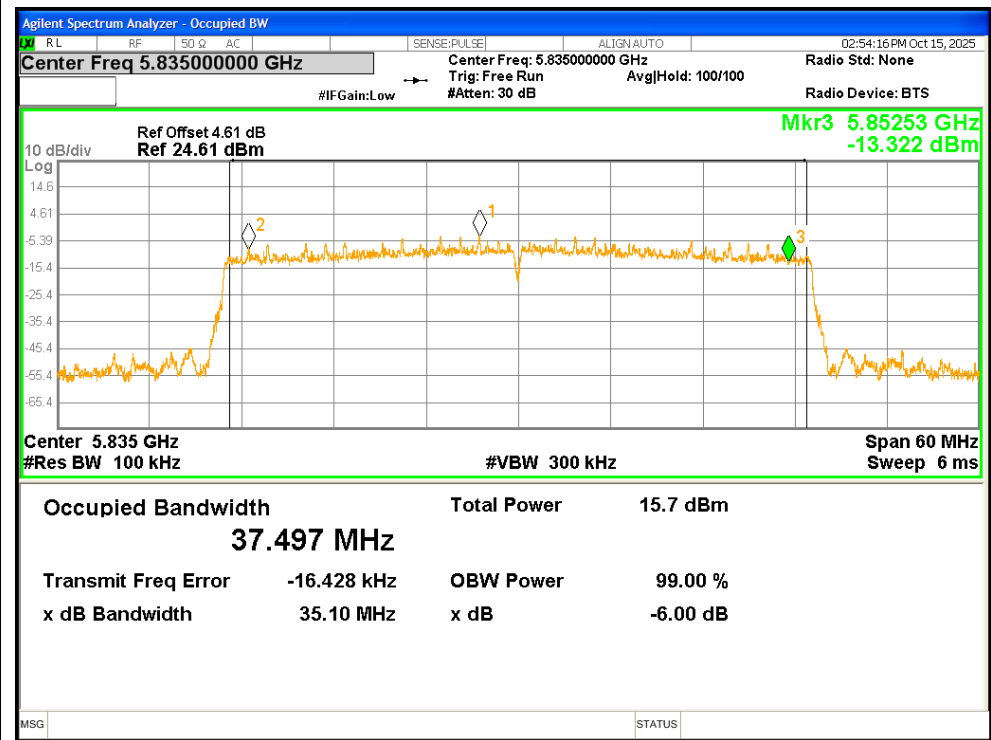
-6dB Bandwidth NVNT ax20 5845MHz



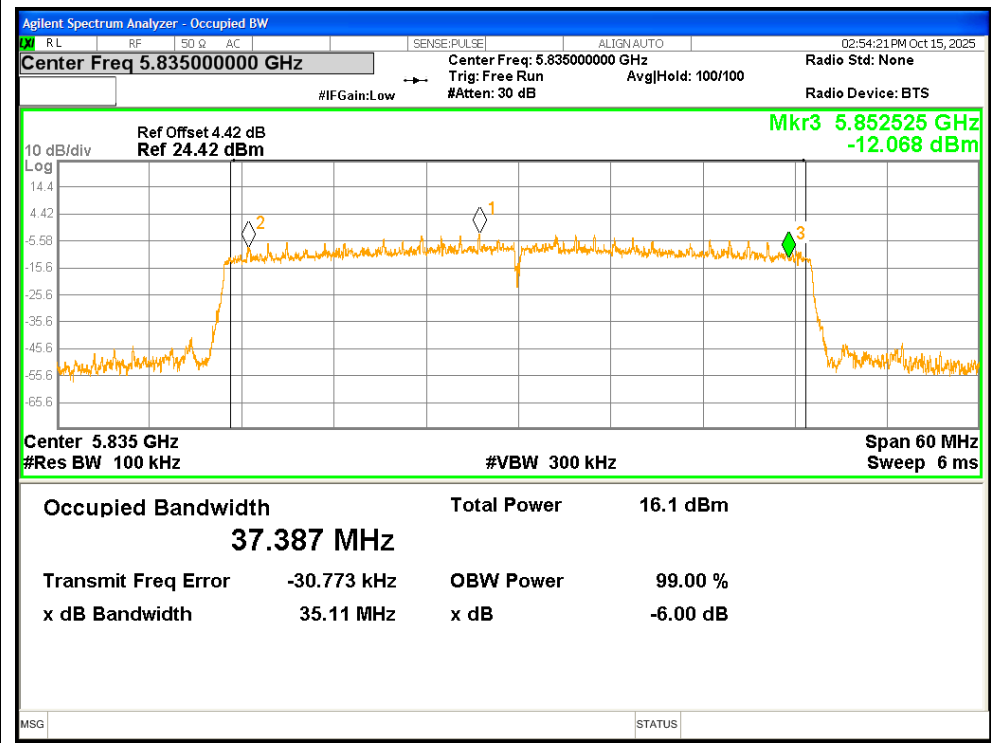




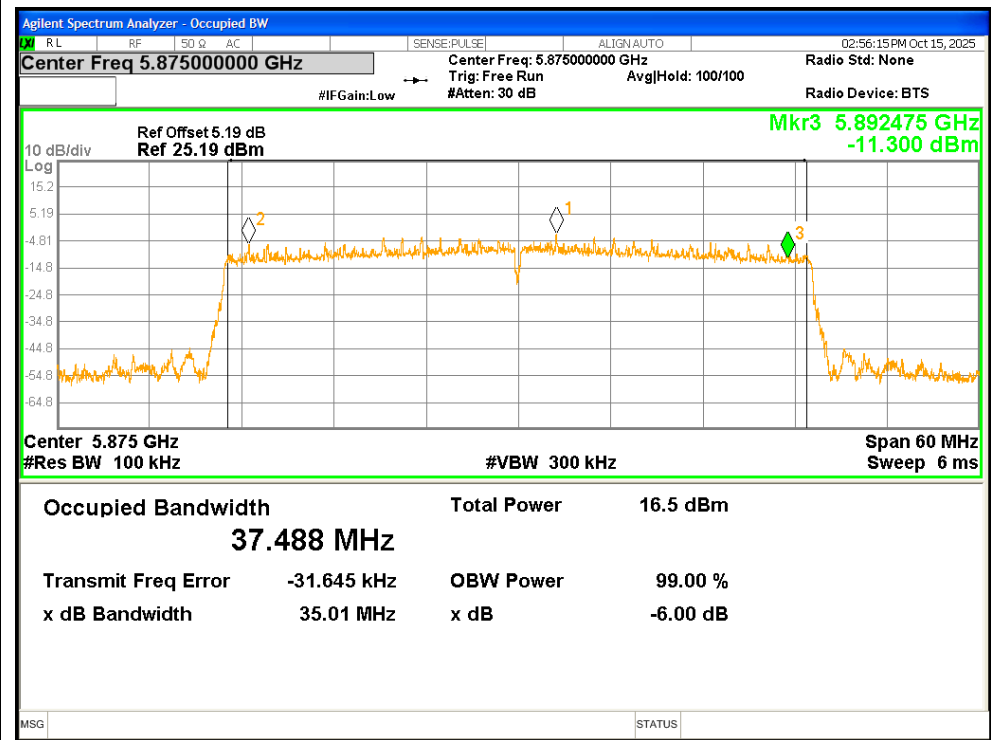
-6dB Bandwidth NVNT ax40 5835MHz



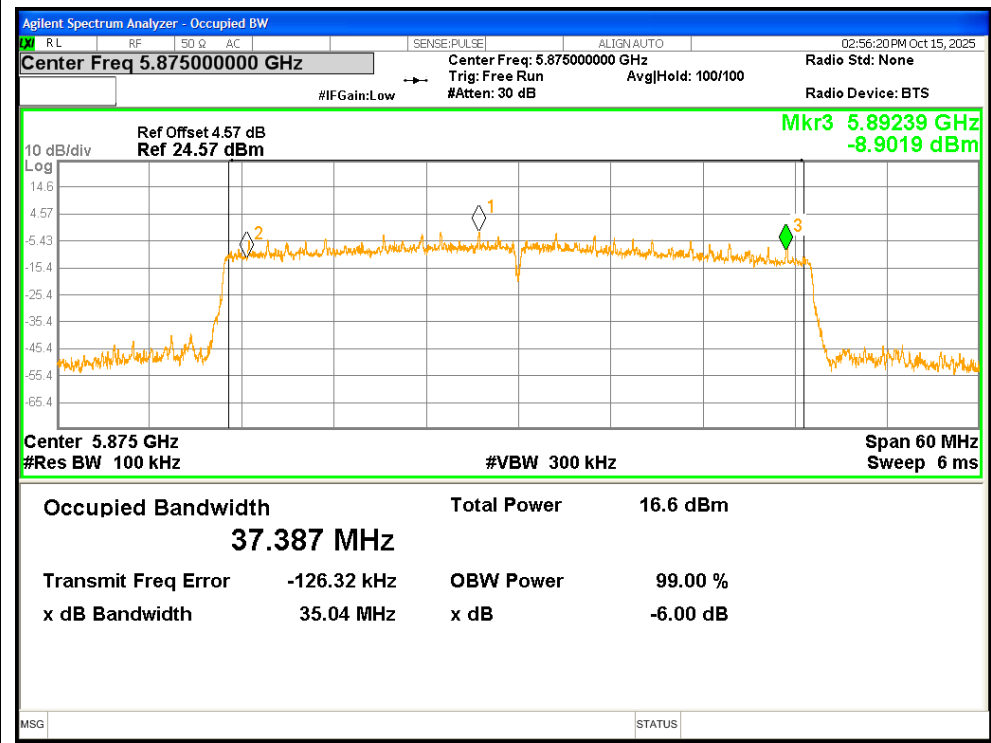
-6dB Bandwidth NVNT ax40 5835MHz



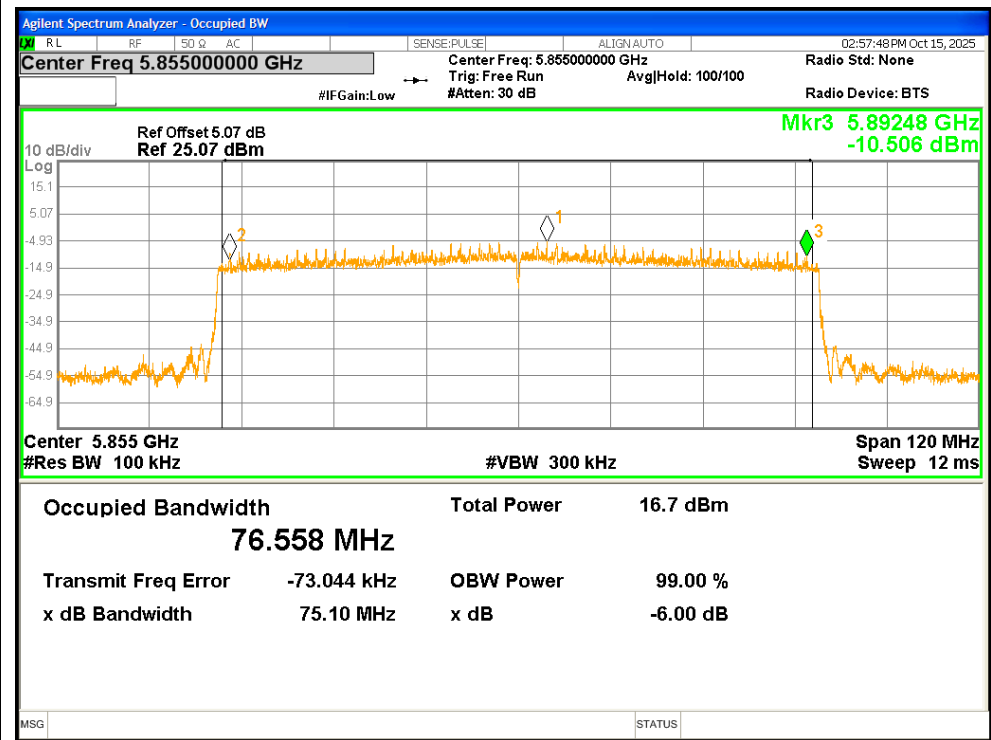
-6dB Bandwidth NVNT ax40 5875MHz



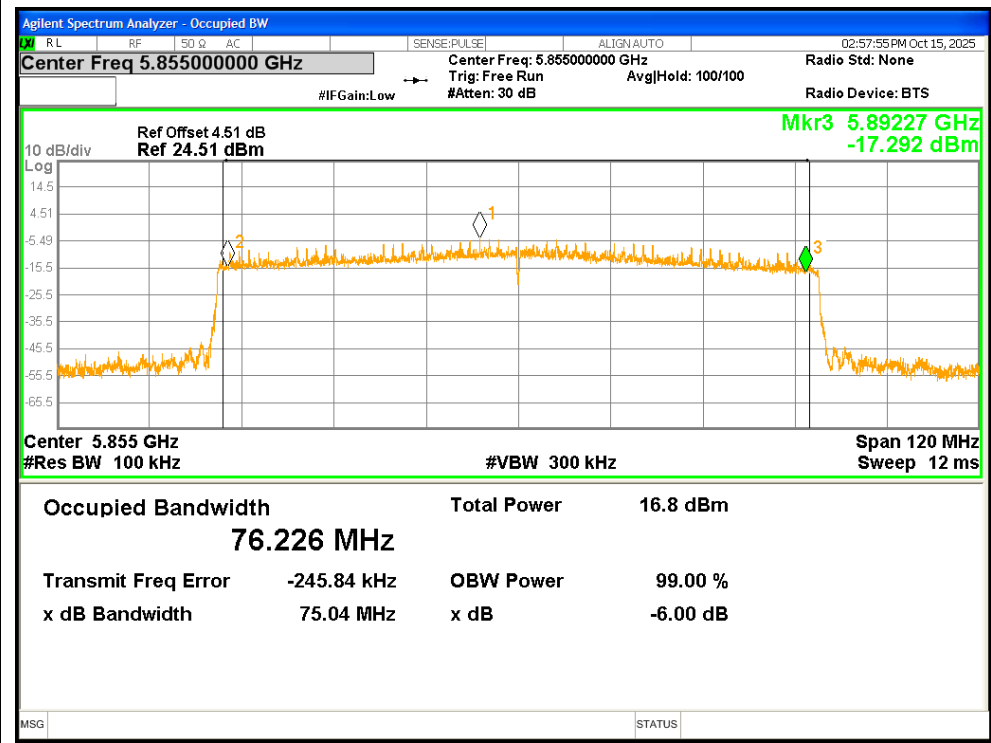
-6dB Bandwidth NVNT ax40 5875MHz



-6dB Bandwidth NVNT ax80 5855MHz

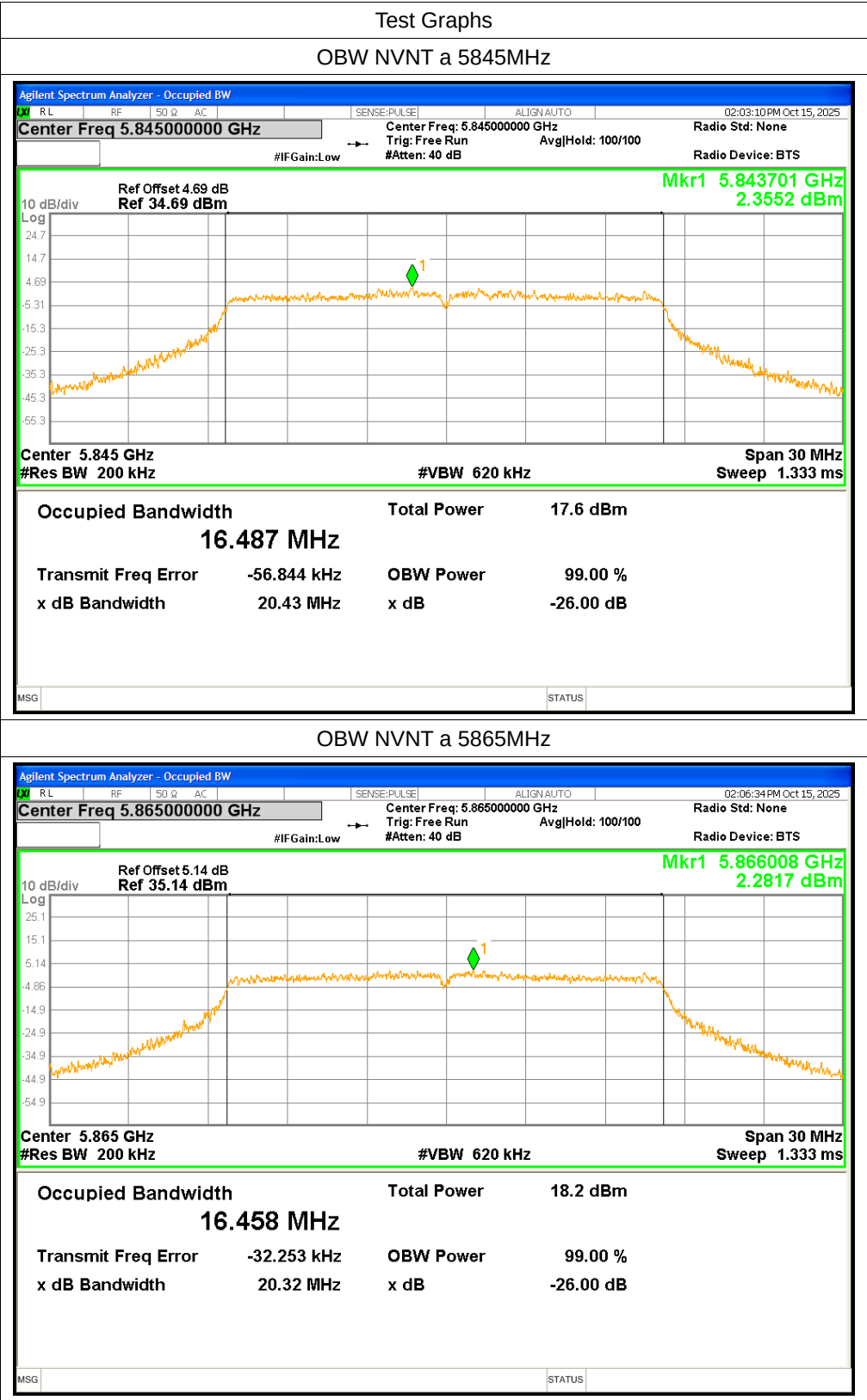


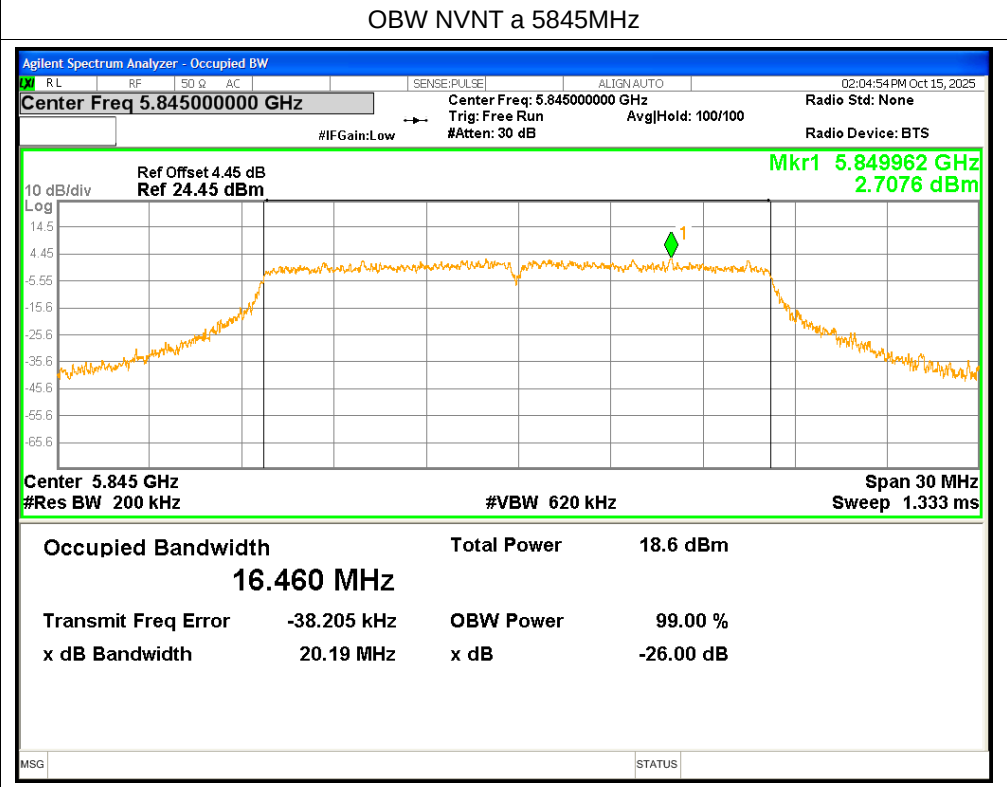
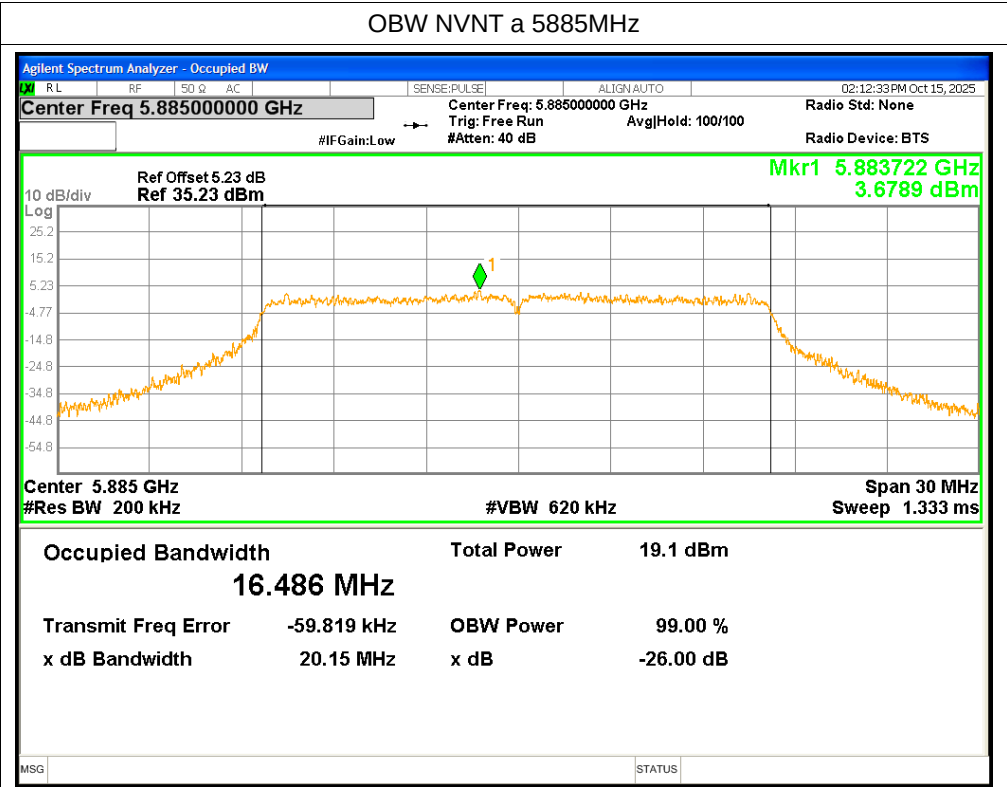
-6dB Bandwidth NVNT ax80 5855MHz

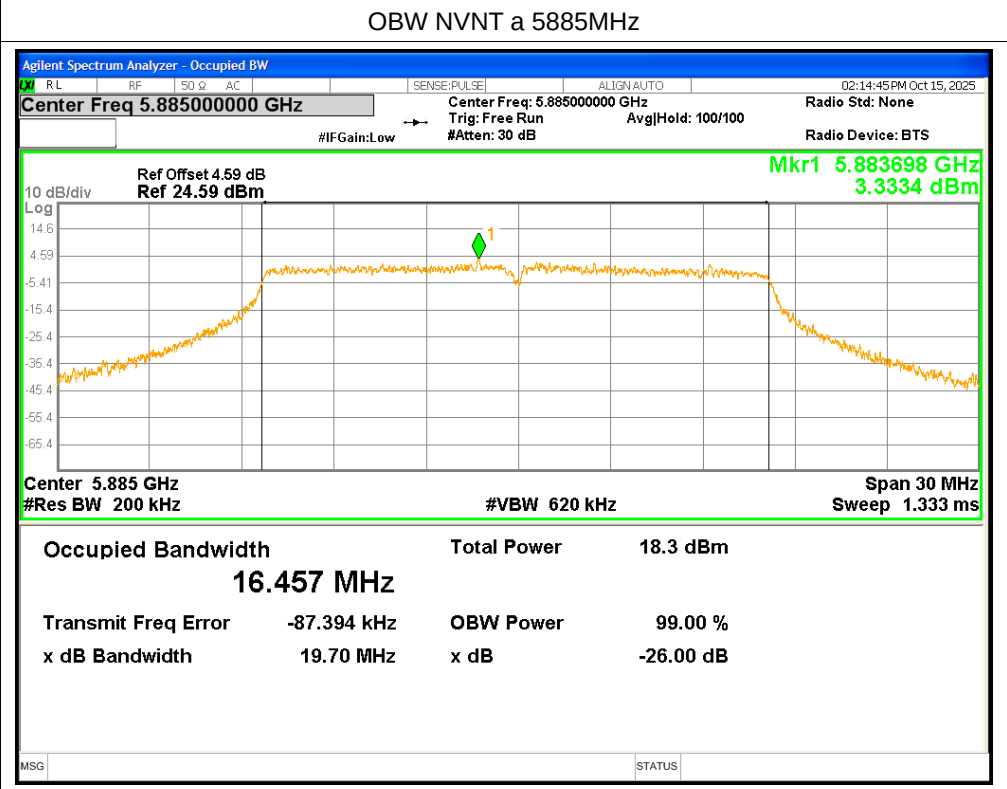
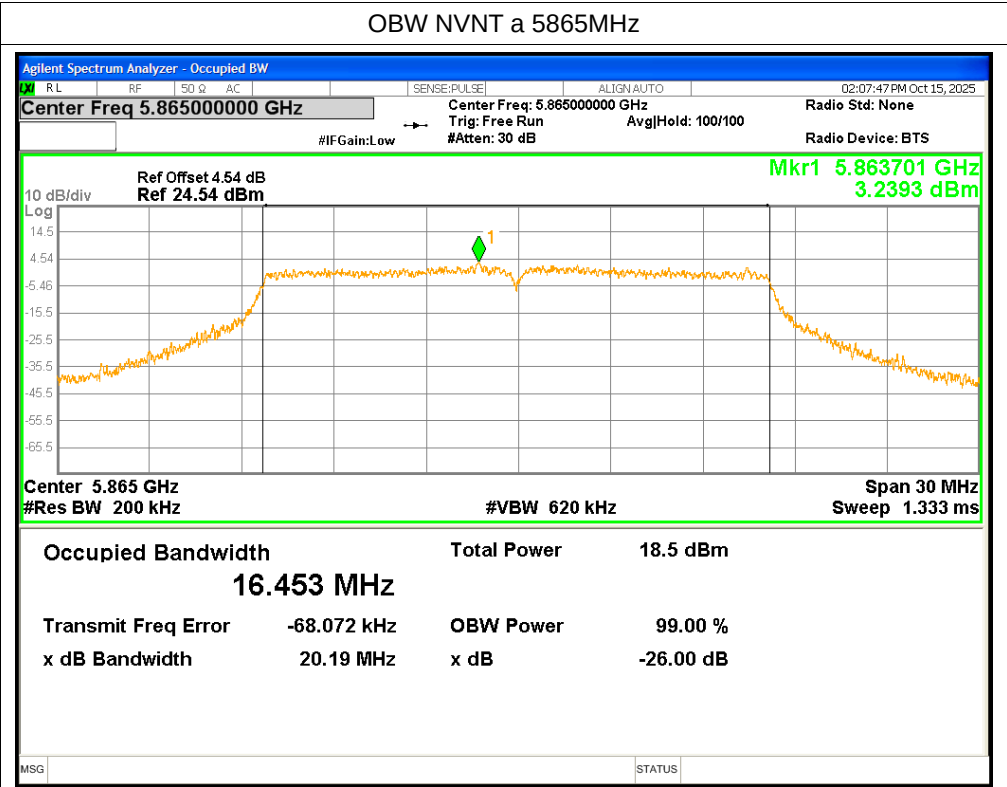


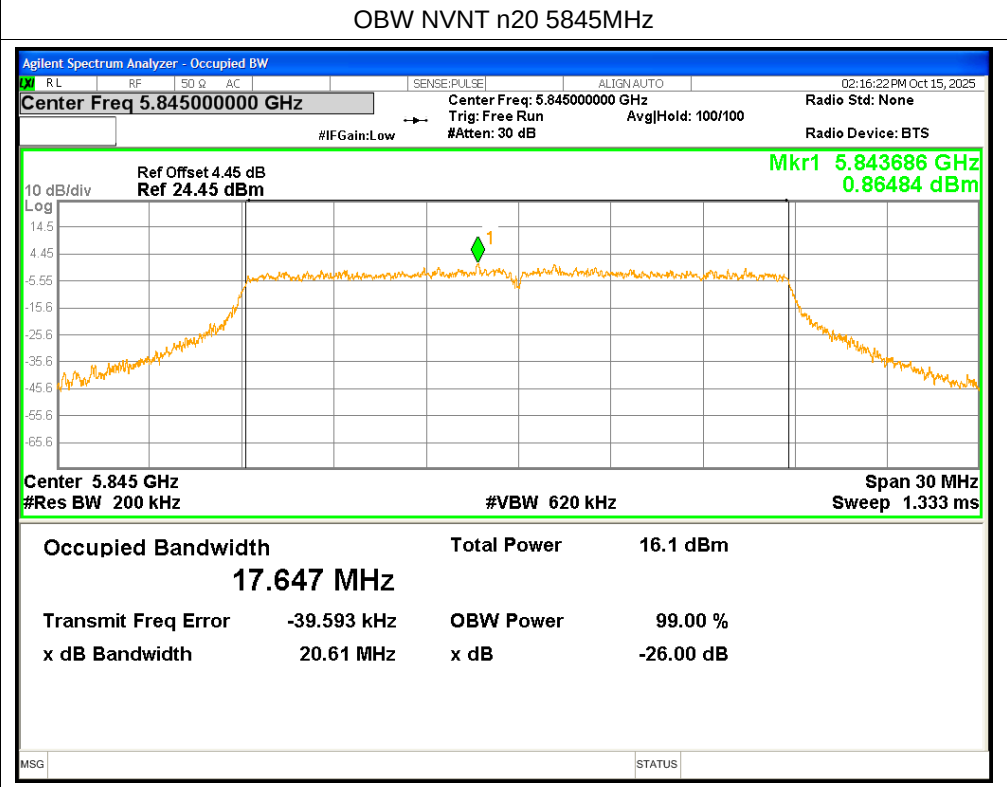
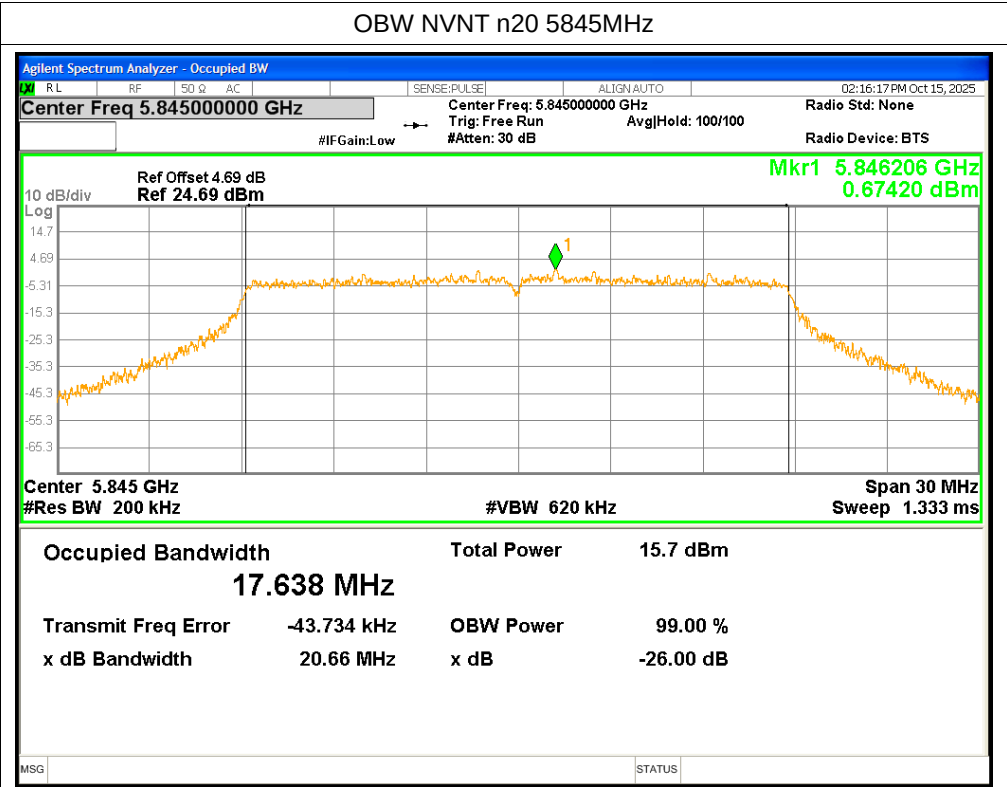
Occupied Channel Bandwidth

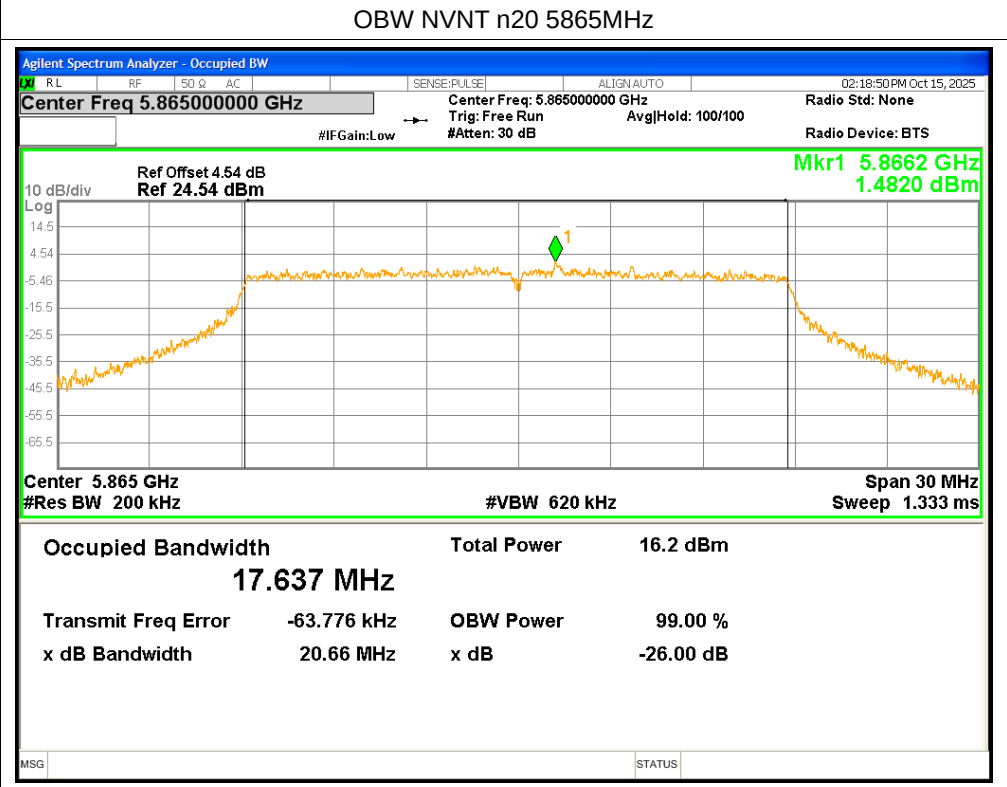
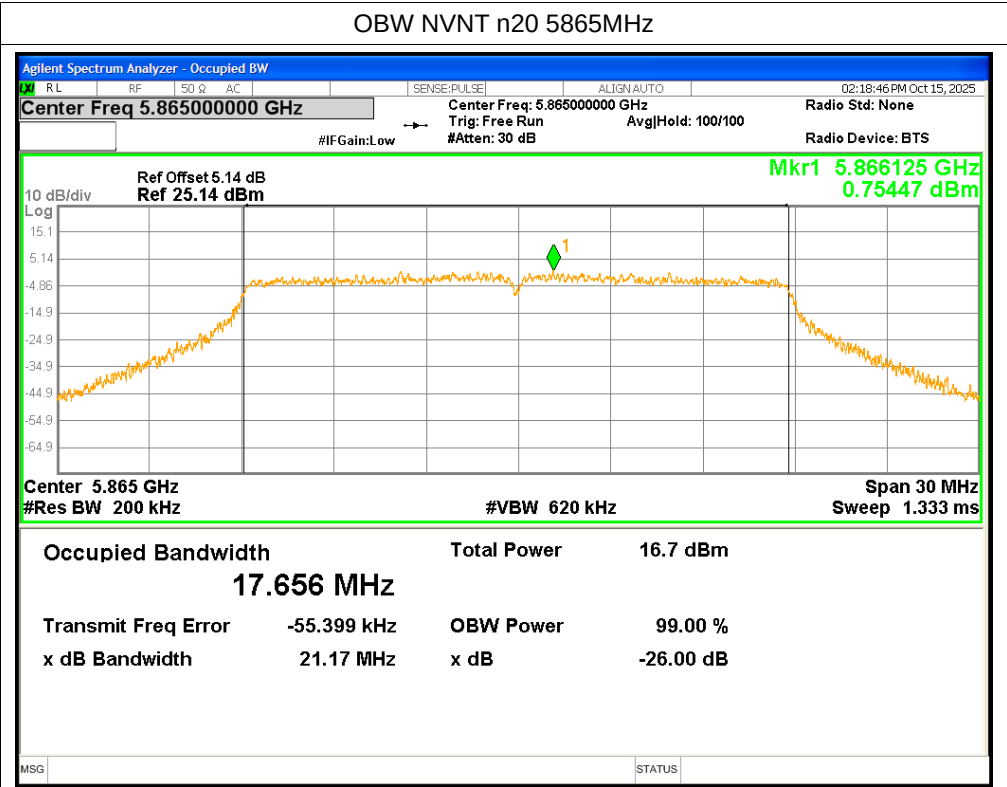
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5845	16.487
NVNT	a	5865	16.458
NVNT	a	5885	16.486
NVNT	a	5845	16.46
NVNT	a	5865	16.453
NVNT	a	5885	16.457
NVNT	n20	5845	17.638
NVNT	n20	5845	17.647
NVNT	n20	5865	17.656
NVNT	n20	5865	17.637
NVNT	n20	5885	17.685
NVNT	n20	5885	17.647
NVNT	n40	5835	36.018
NVNT	n40	5835	36.017
NVNT	n40	5875	36.004
NVNT	n40	5875	35.902
NVNT	ac20	5845	17.64
NVNT	ac20	5845	17.631
NVNT	ac20	5865	17.673
NVNT	ac20	5865	17.626
NVNT	ac20	5885	17.66
NVNT	ac20	5885	17.667
NVNT	ac40	5835	35.993
NVNT	ac40	5835	36.113
NVNT	ac40	5875	35.952
NVNT	ac40	5875	35.888
NVNT	ac80	5855	75.227
NVNT	ac80	5855	74.817
NVNT	ax20	5845	18.9
NVNT	ax20	5845	18.907
NVNT	ax20	5865	18.924
NVNT	ax20	5865	18.913
NVNT	ax20	5885	18.906
NVNT	ax20	5885	18.889
NVNT	ax40	5835	37.558
NVNT	ax40	5835	37.493
NVNT	ax40	5875	37.527
NVNT	ax40	5875	37.466
NVNT	ax80	5855	76.677
NVNT	ax80	5855	76.455

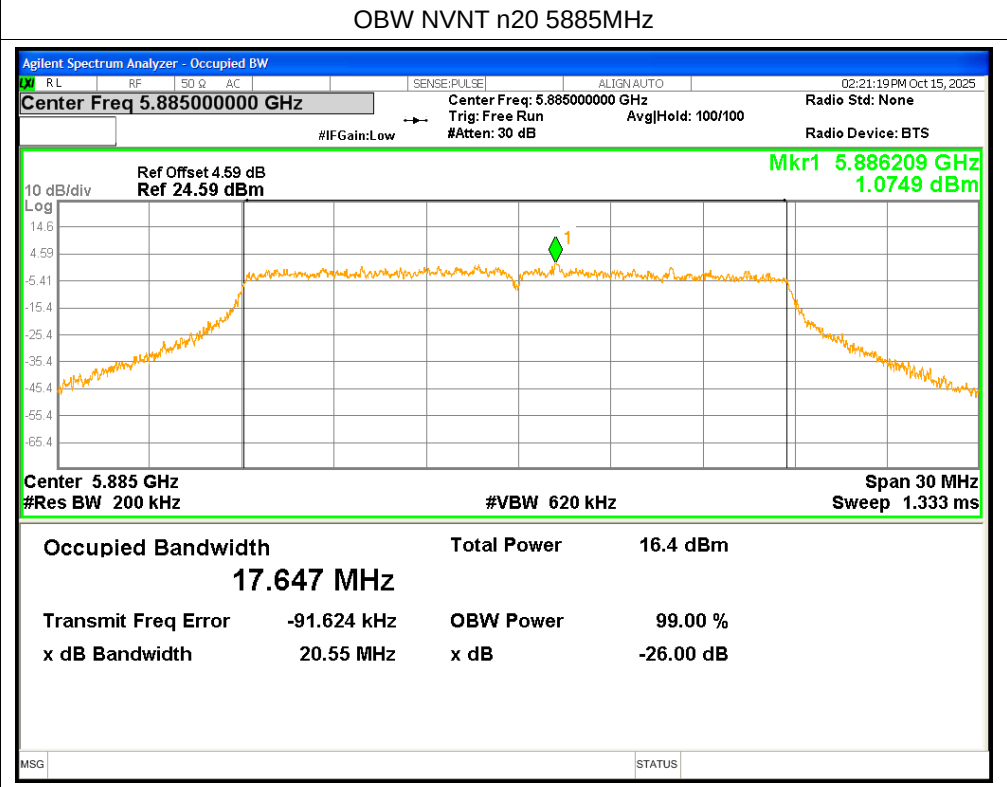
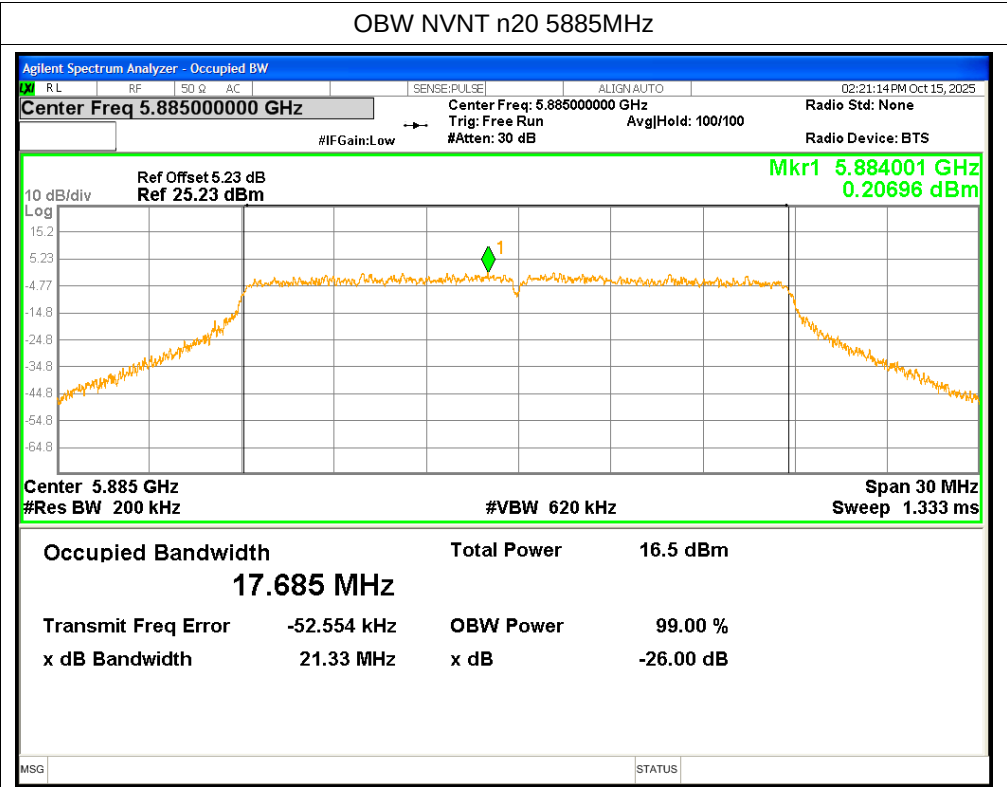


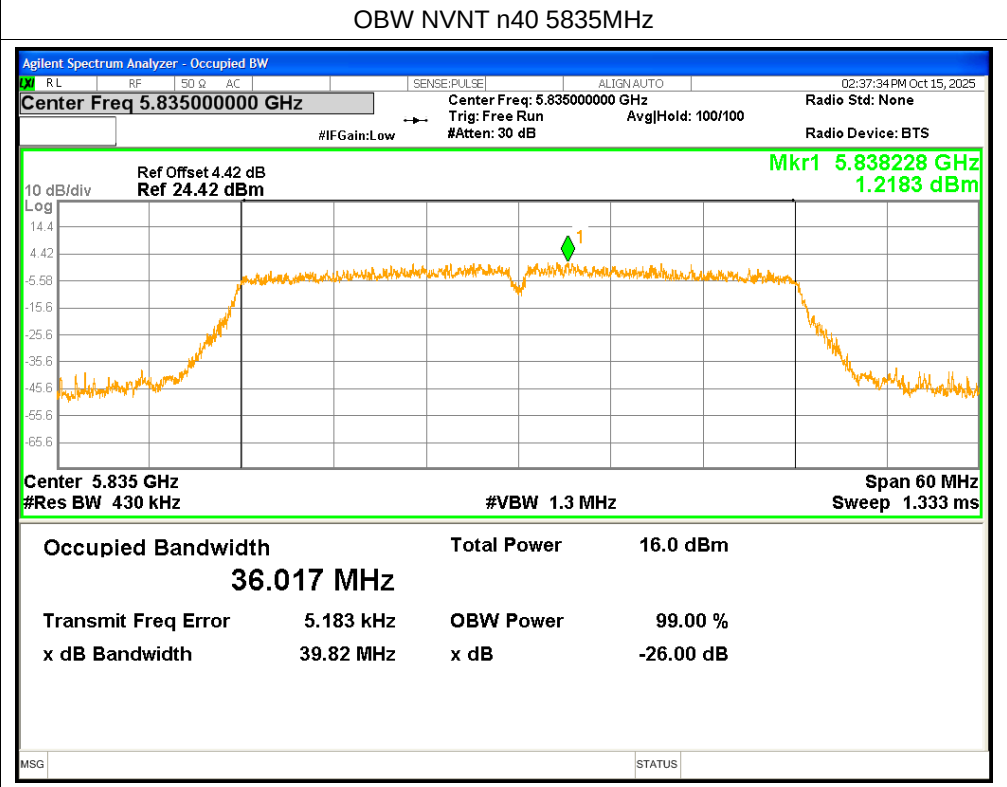
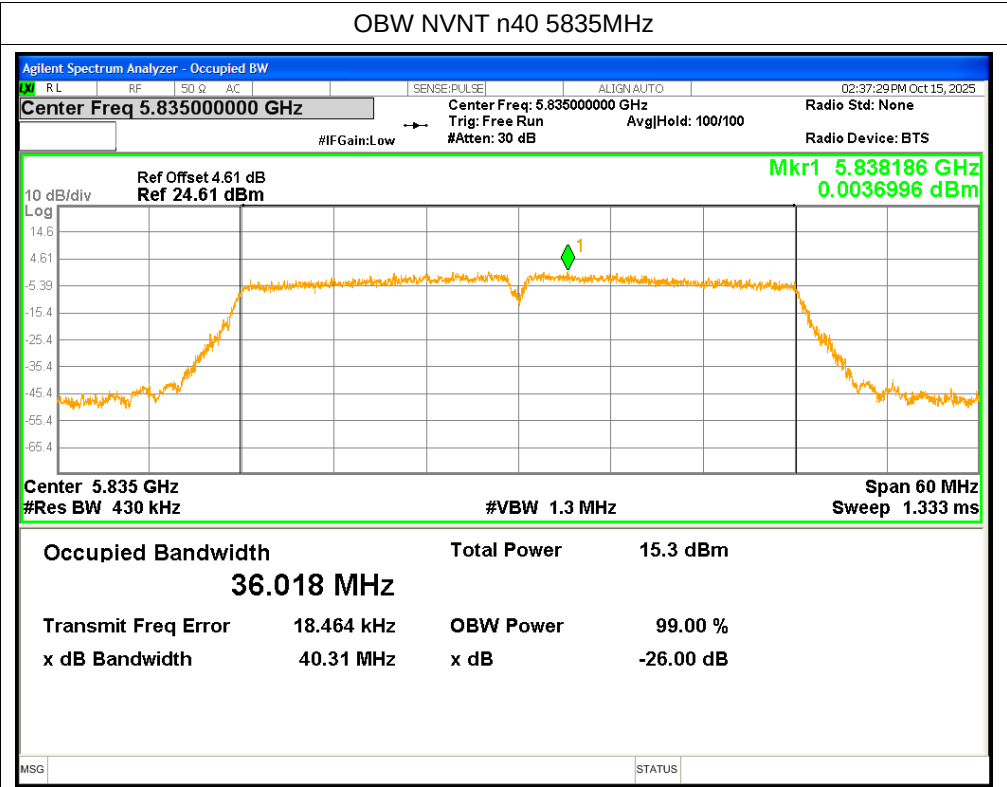


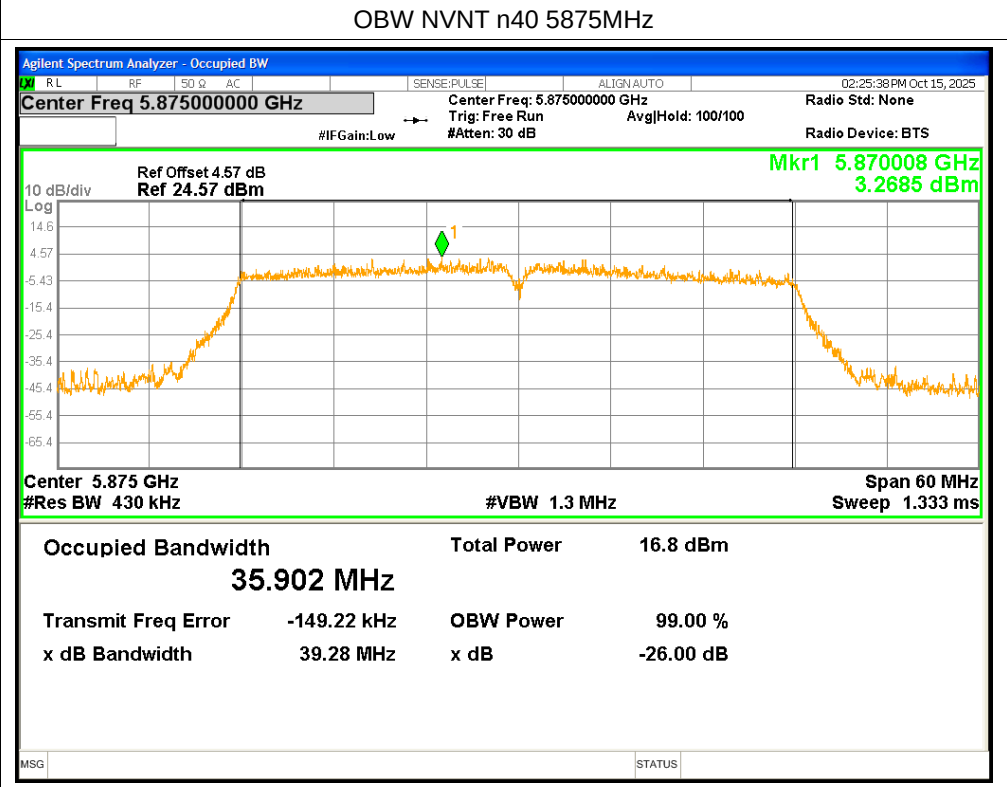
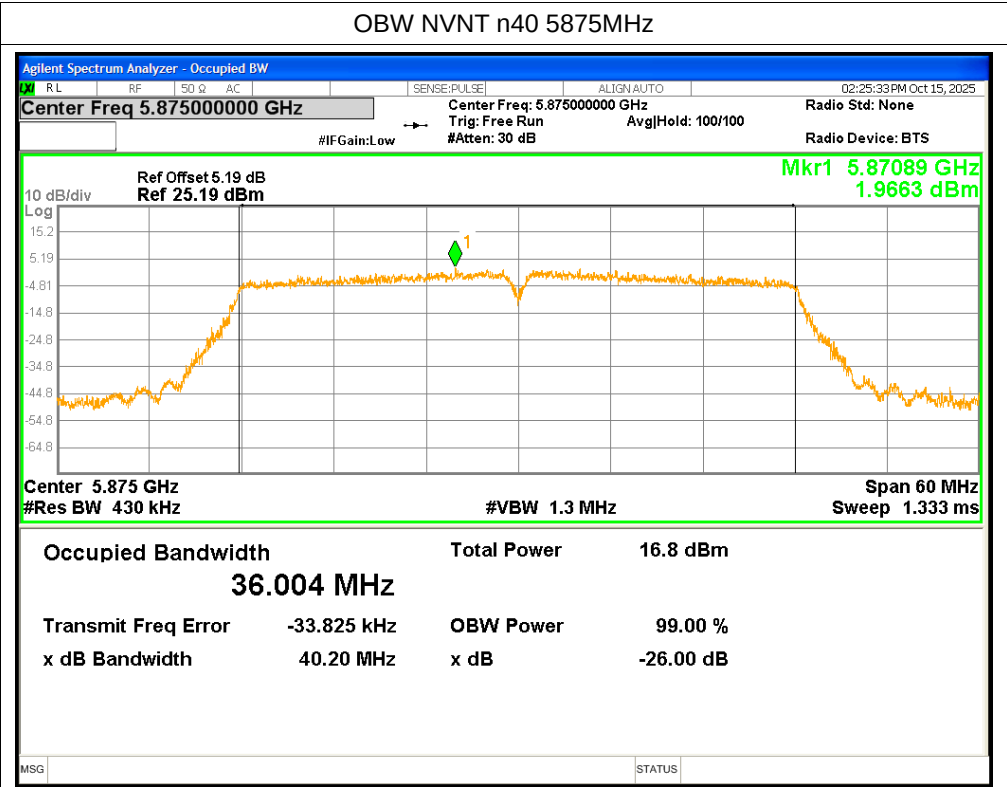


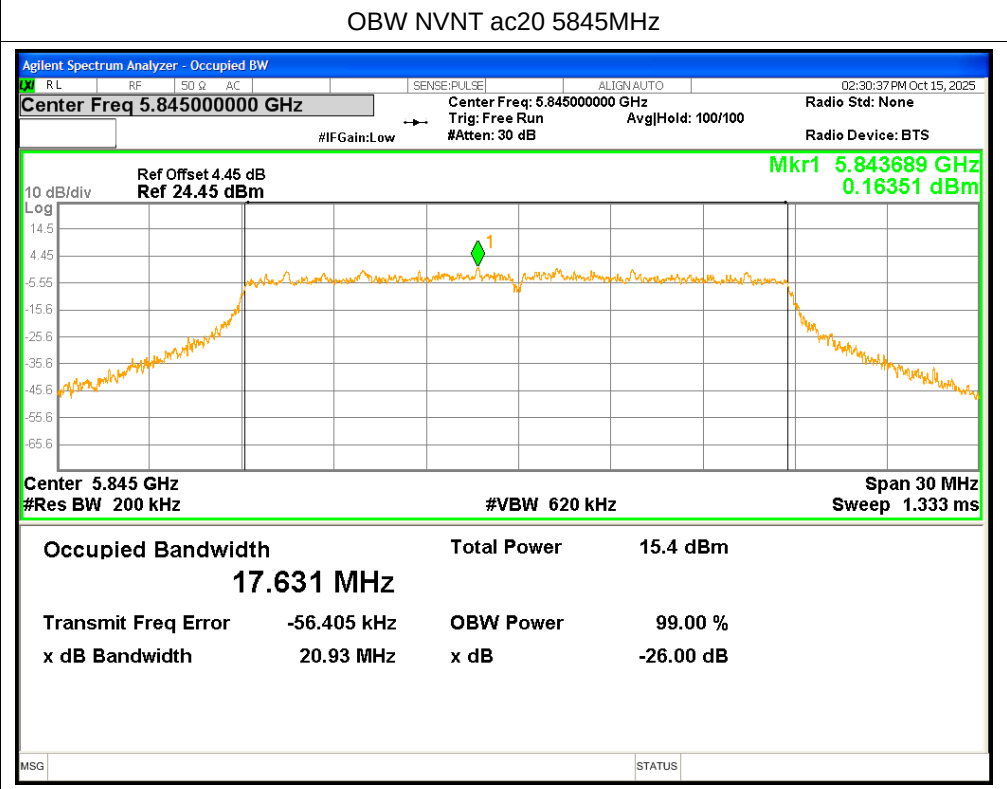
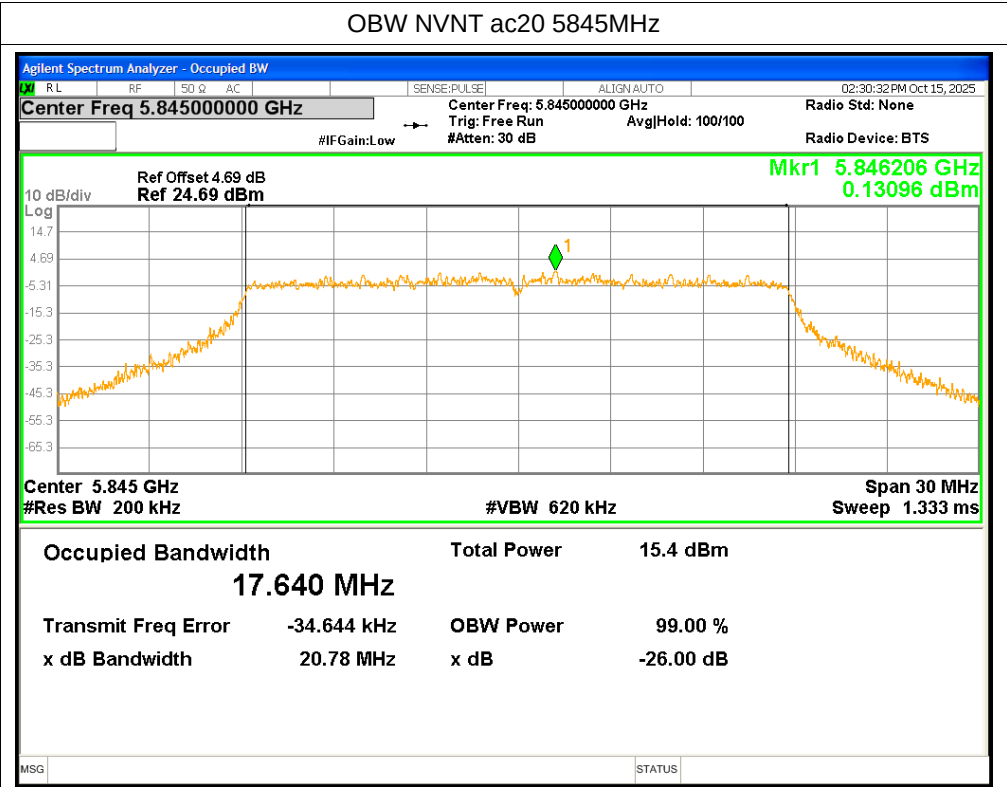


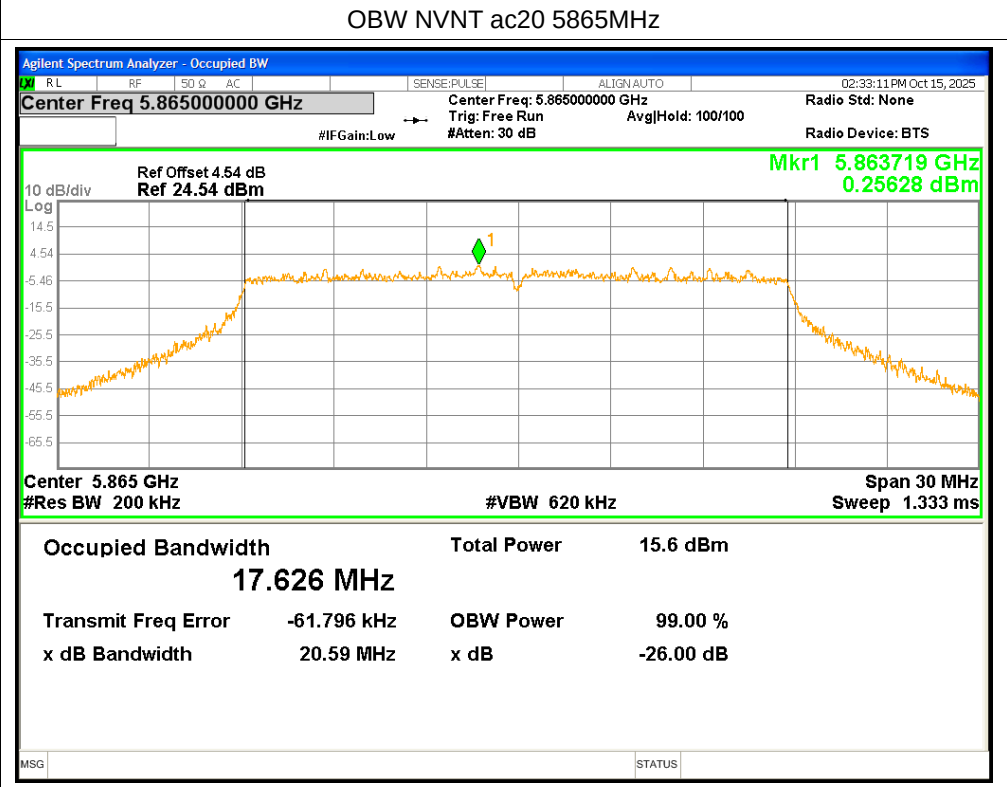
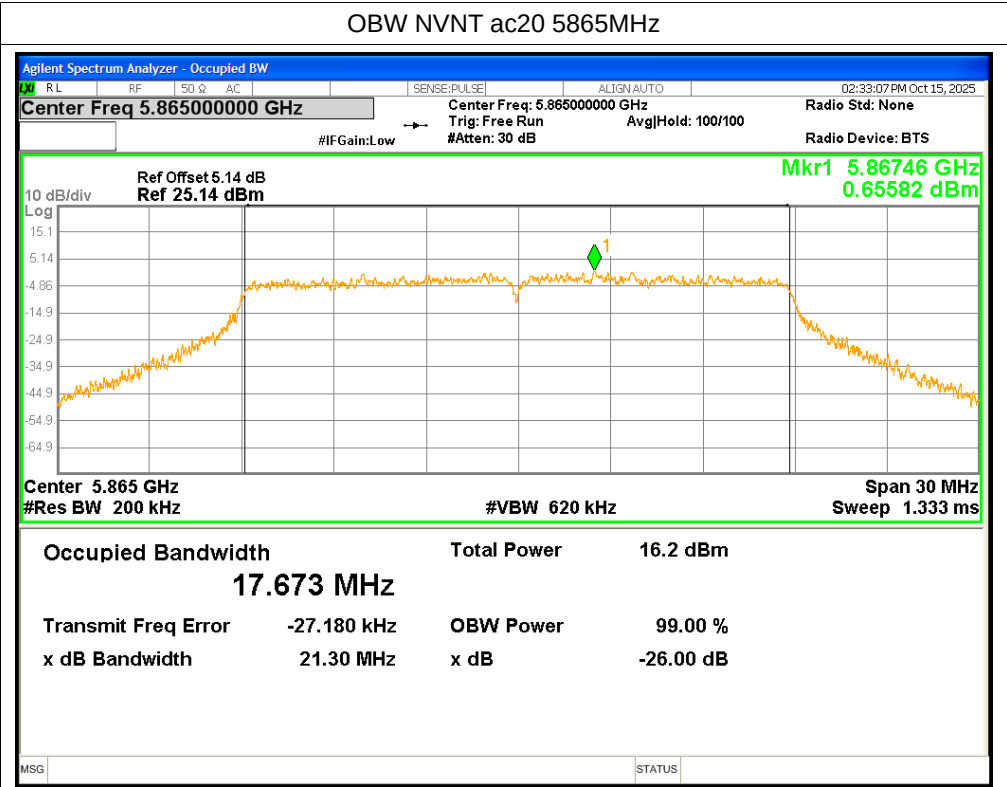


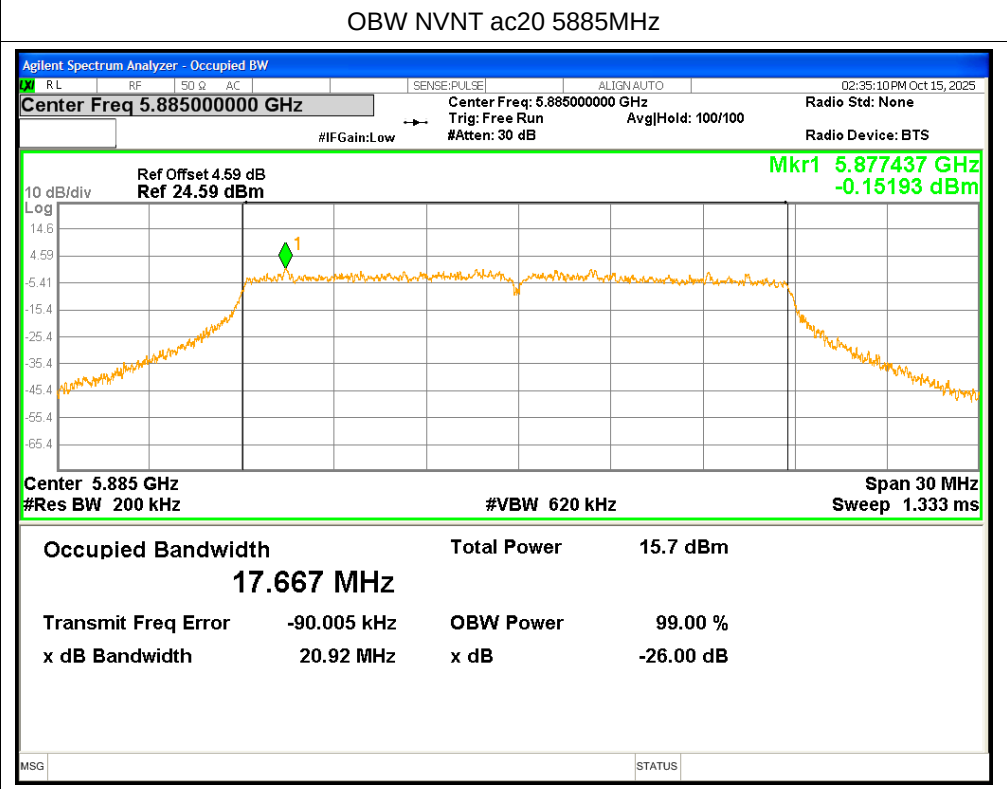
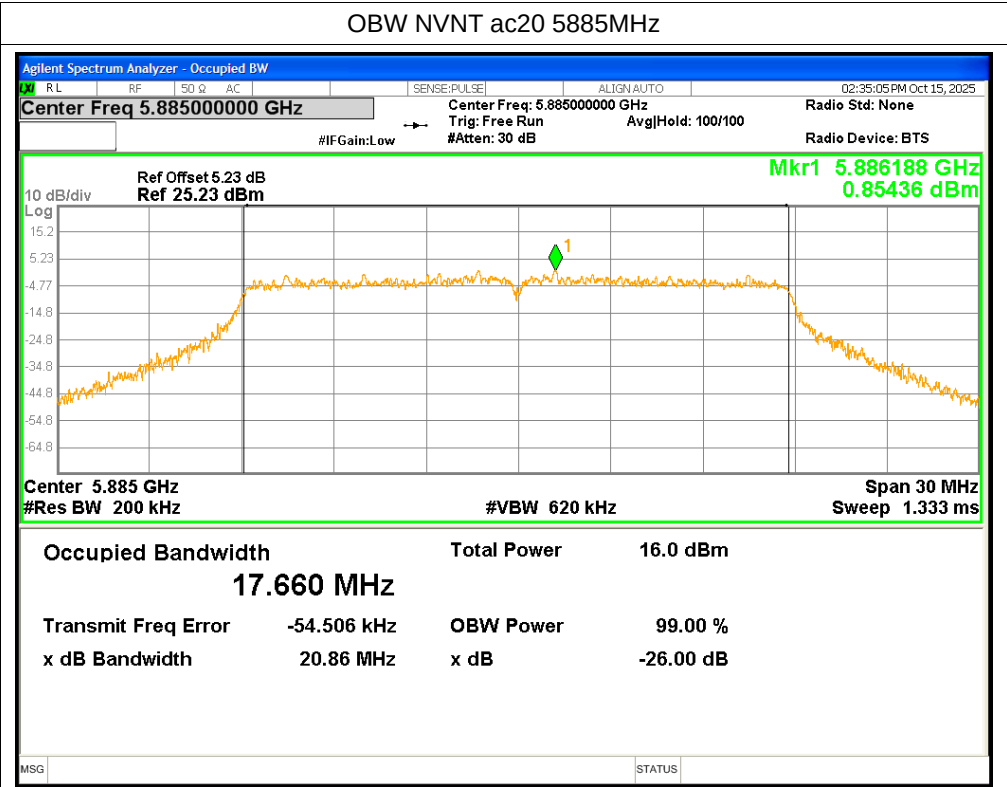


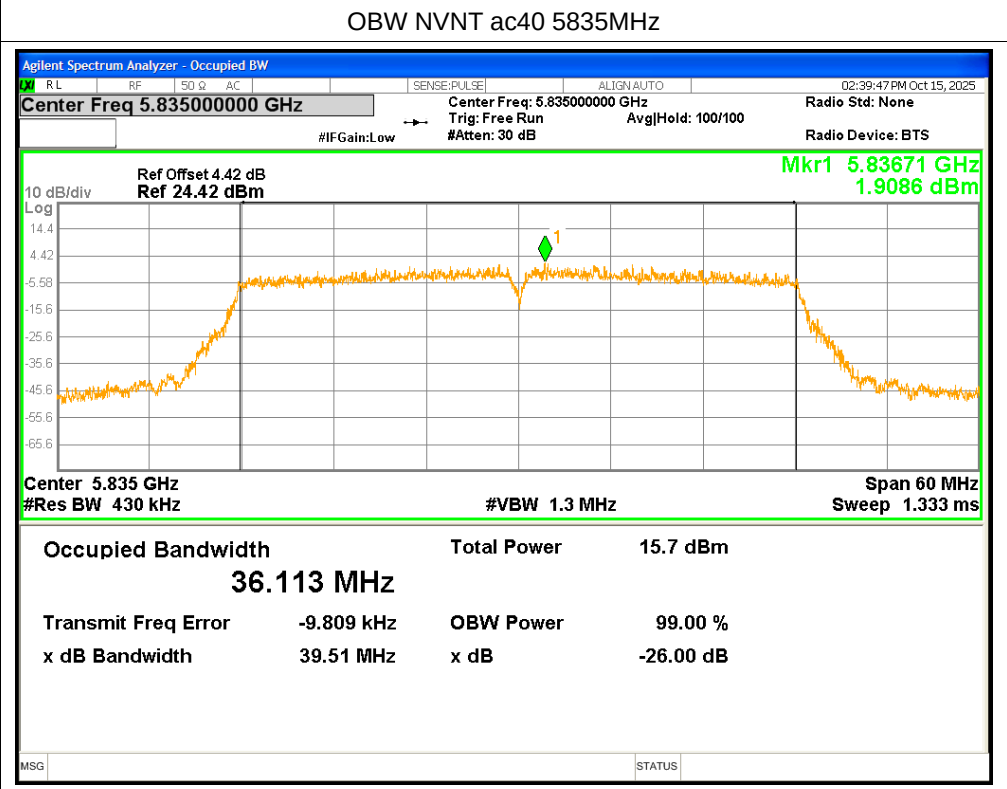
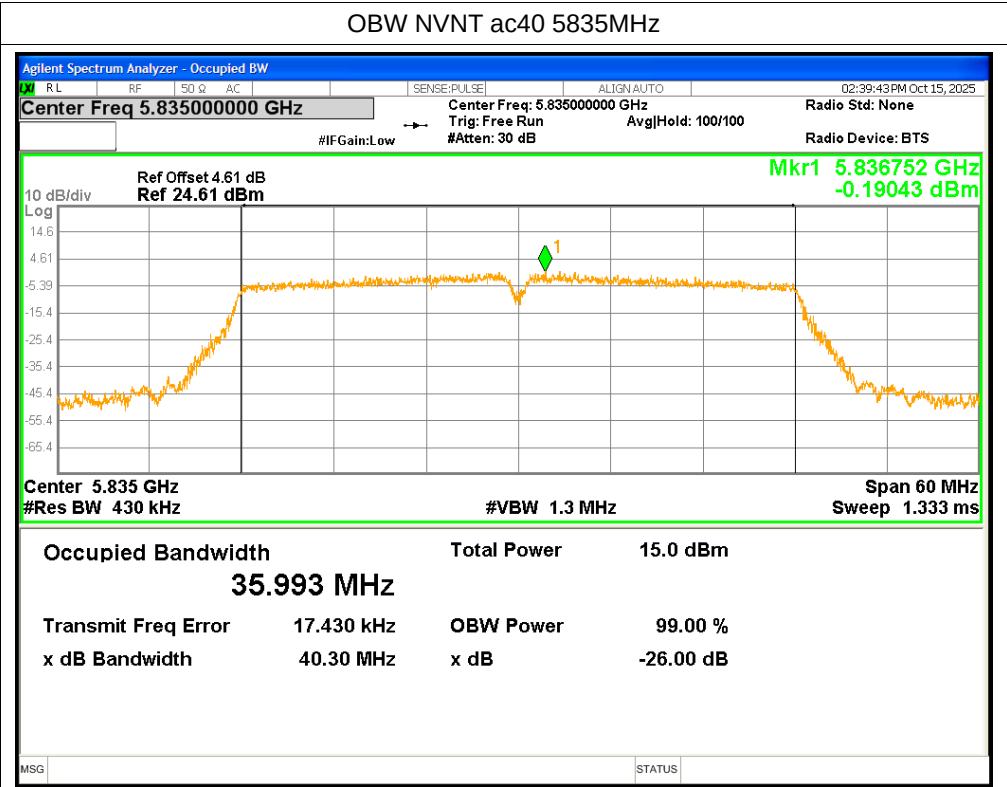


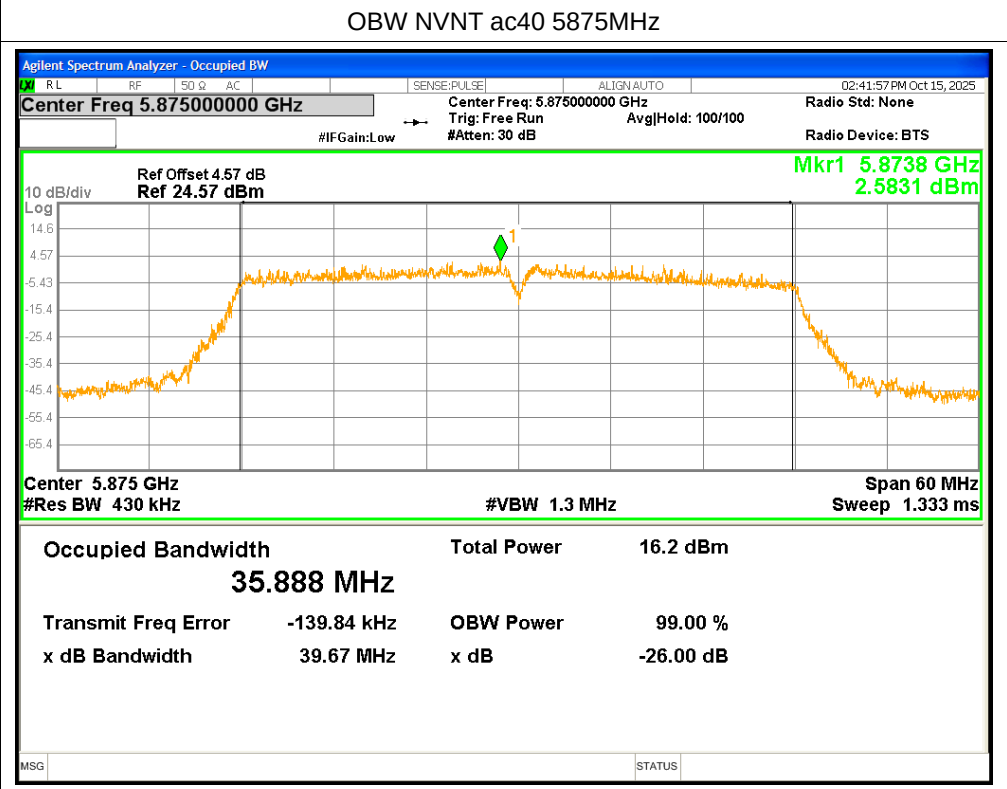
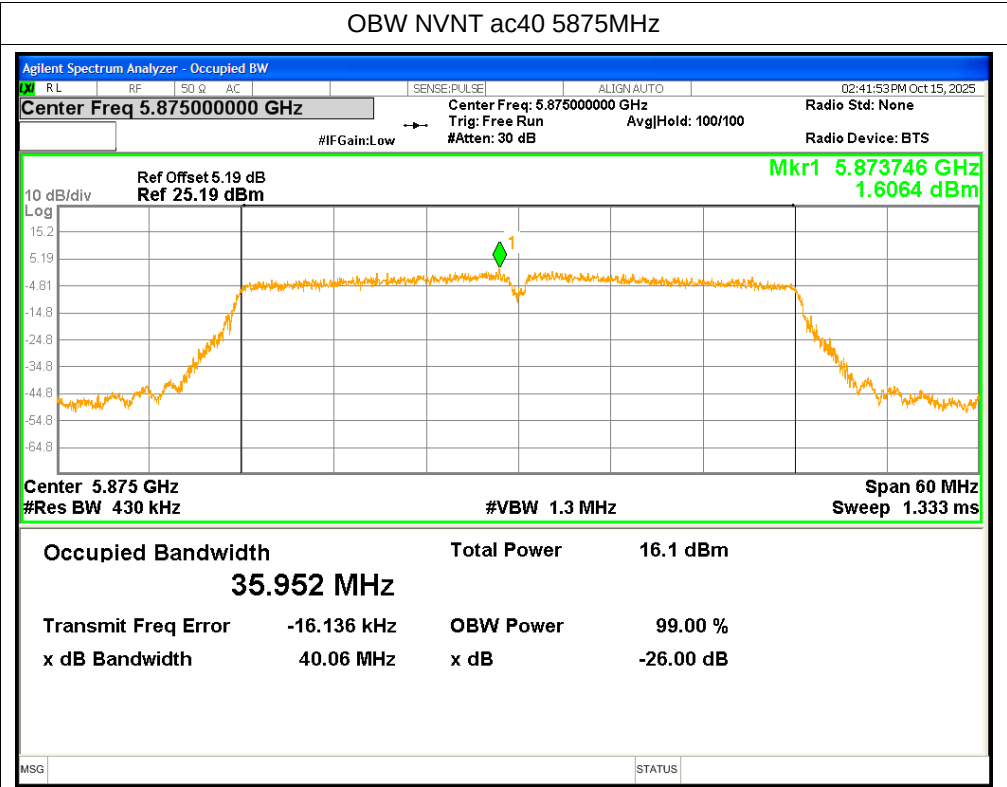


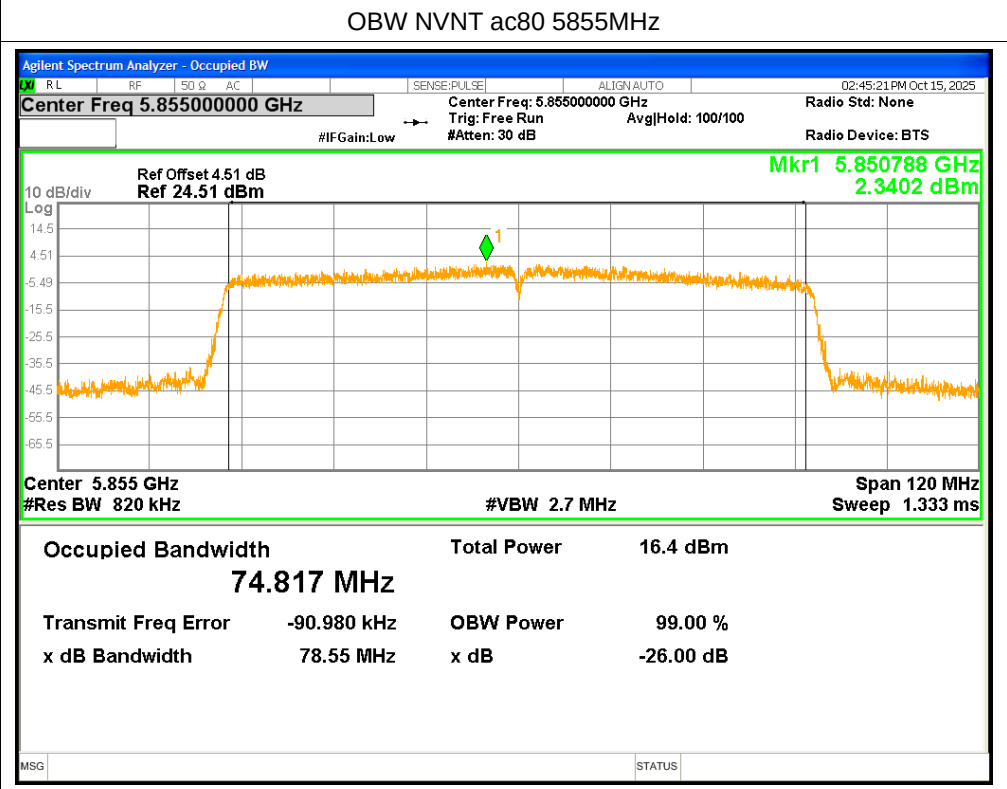
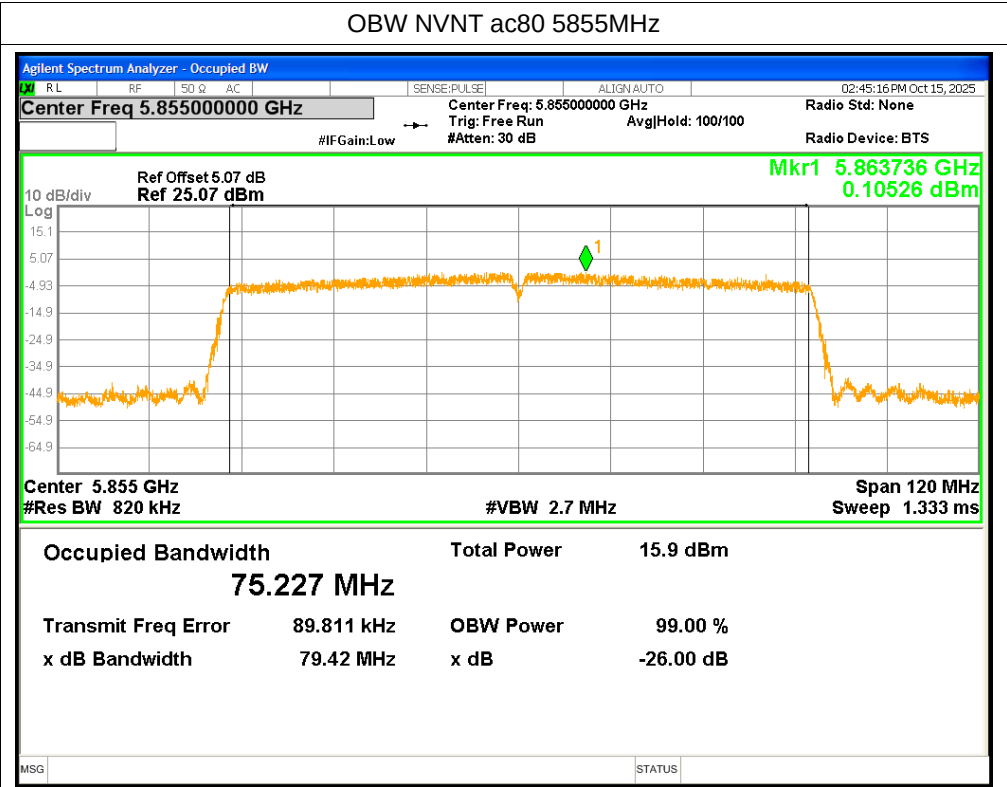


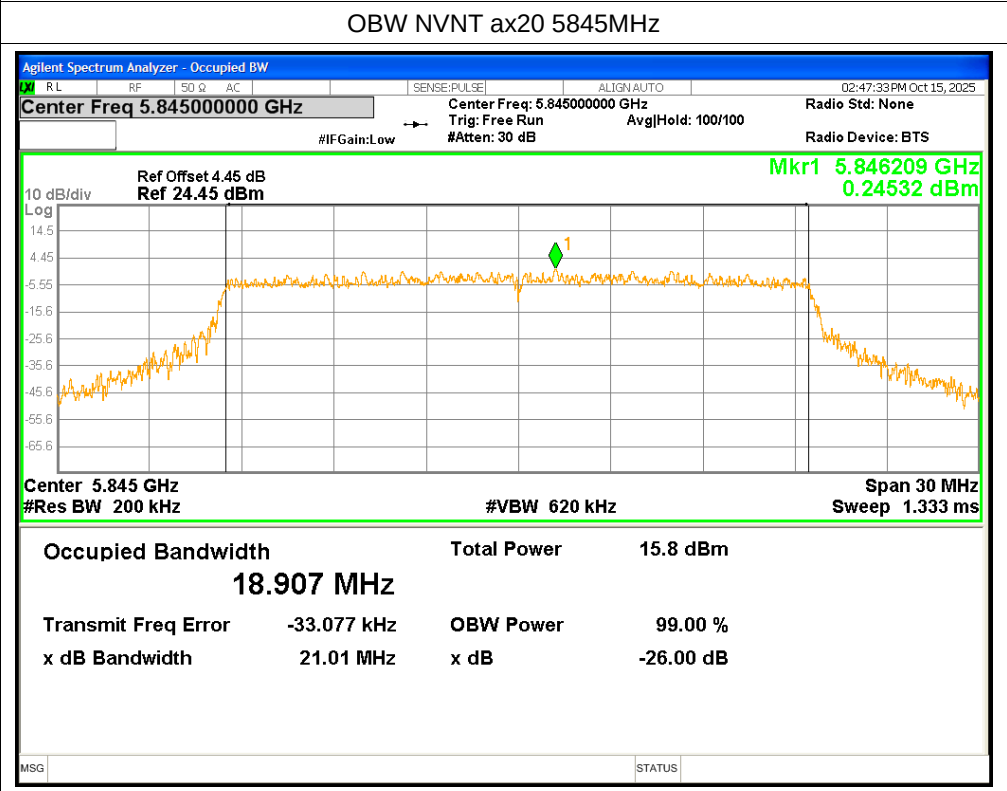
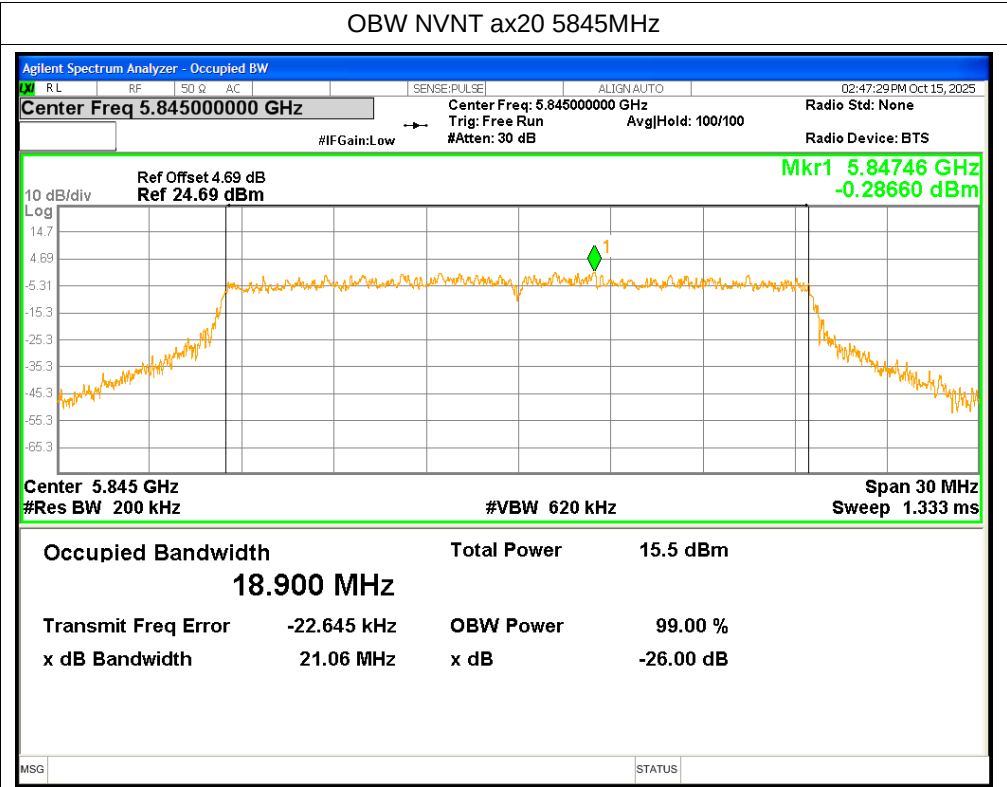


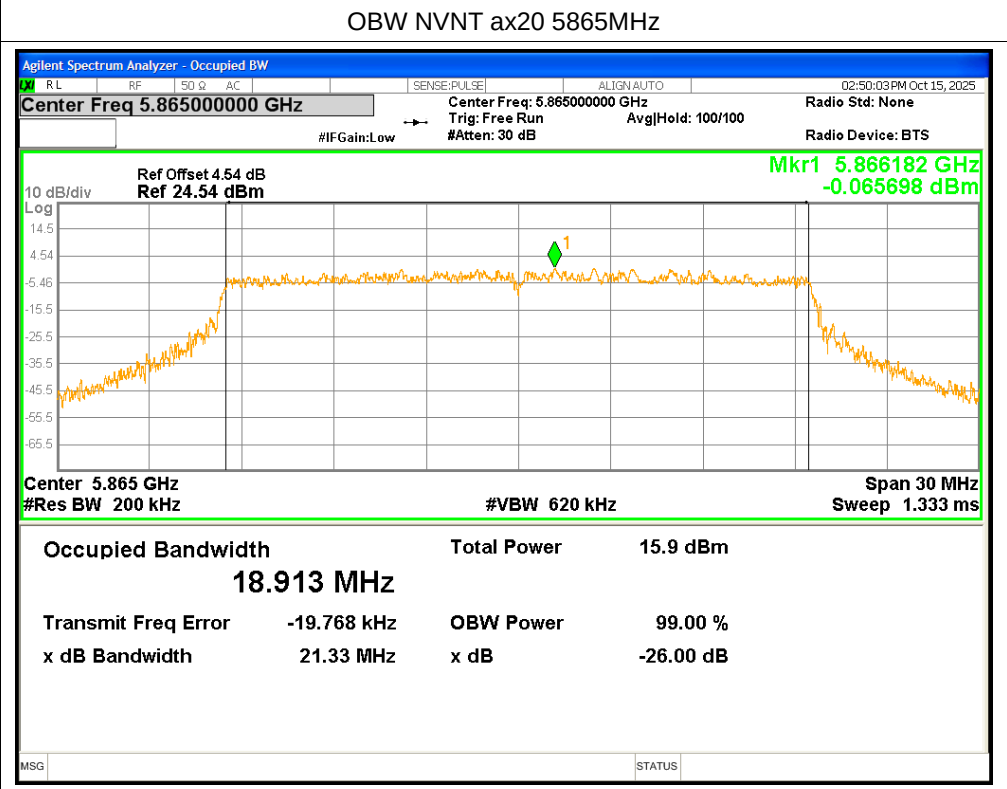
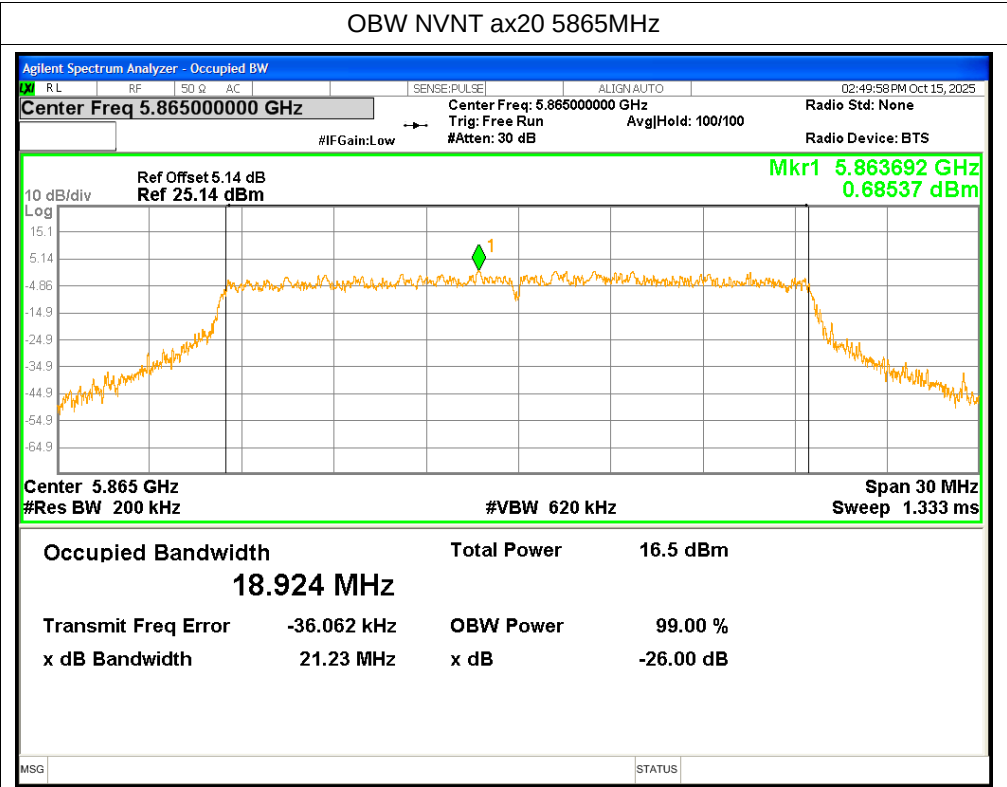


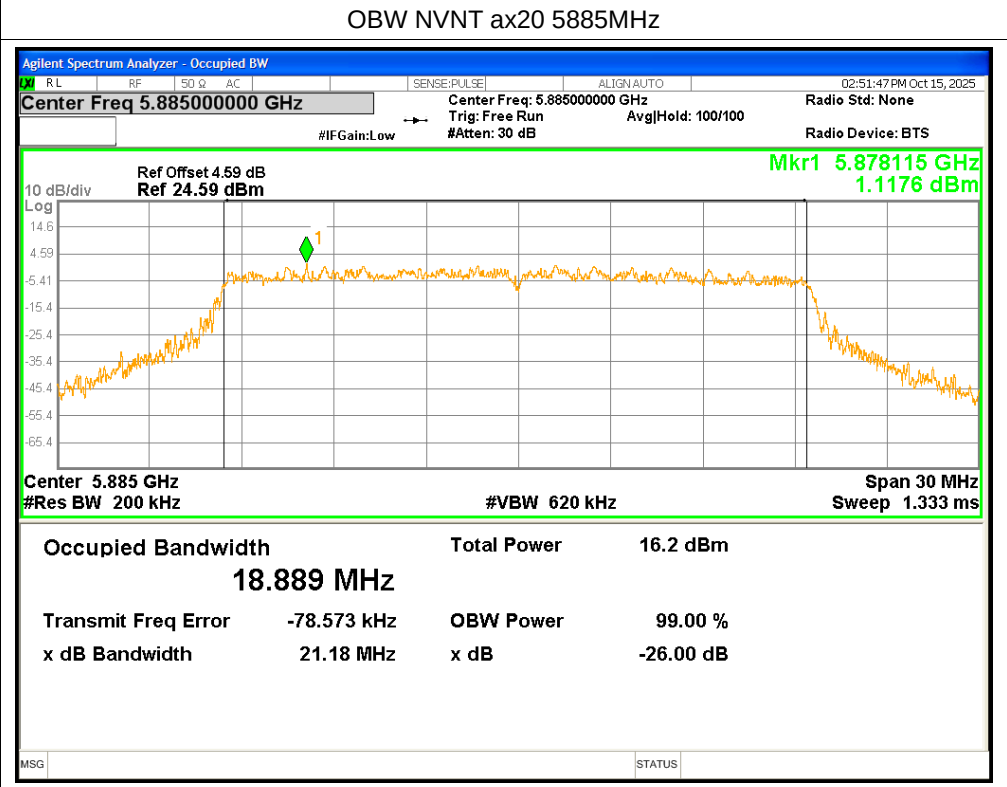
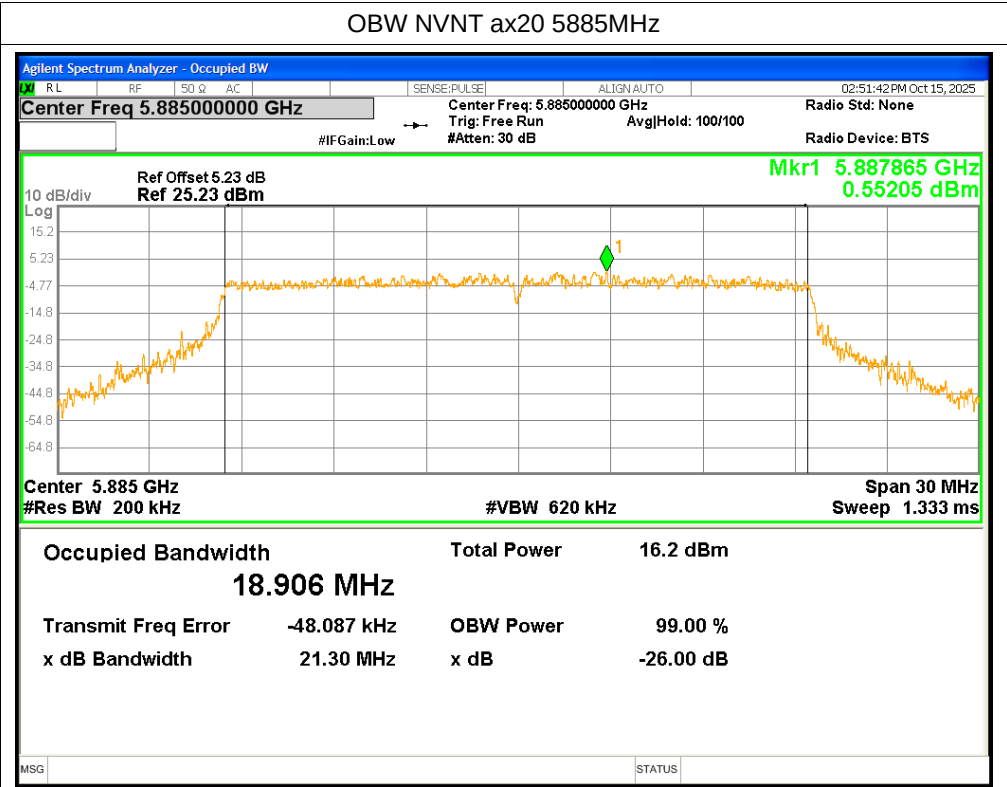


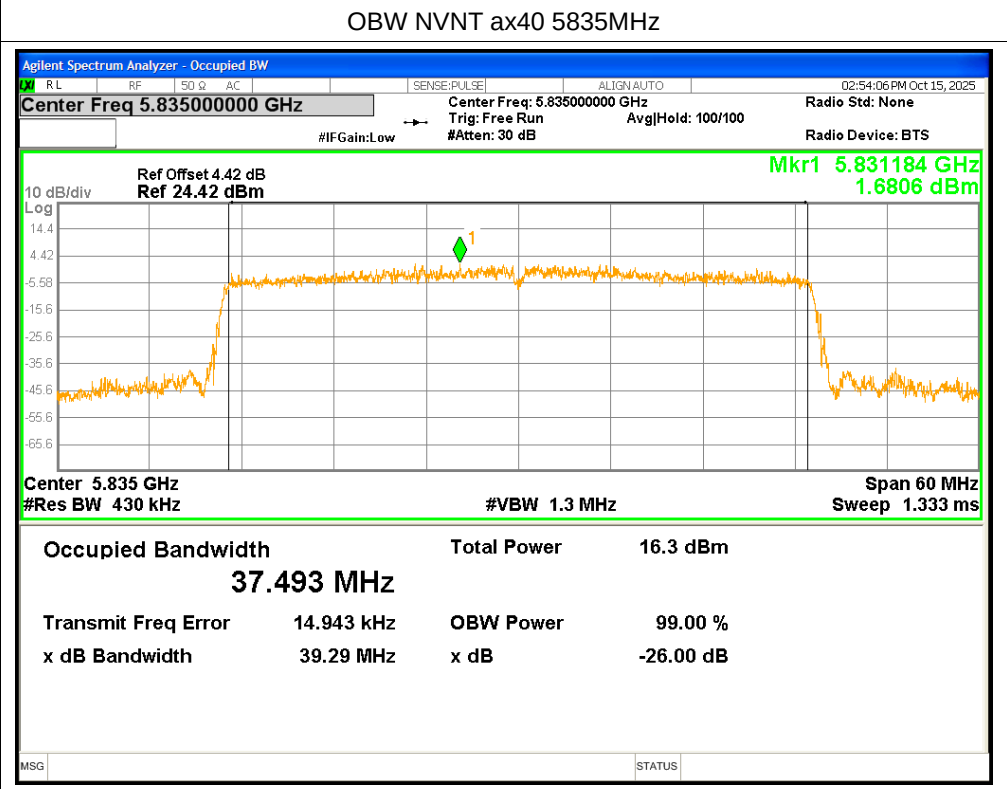
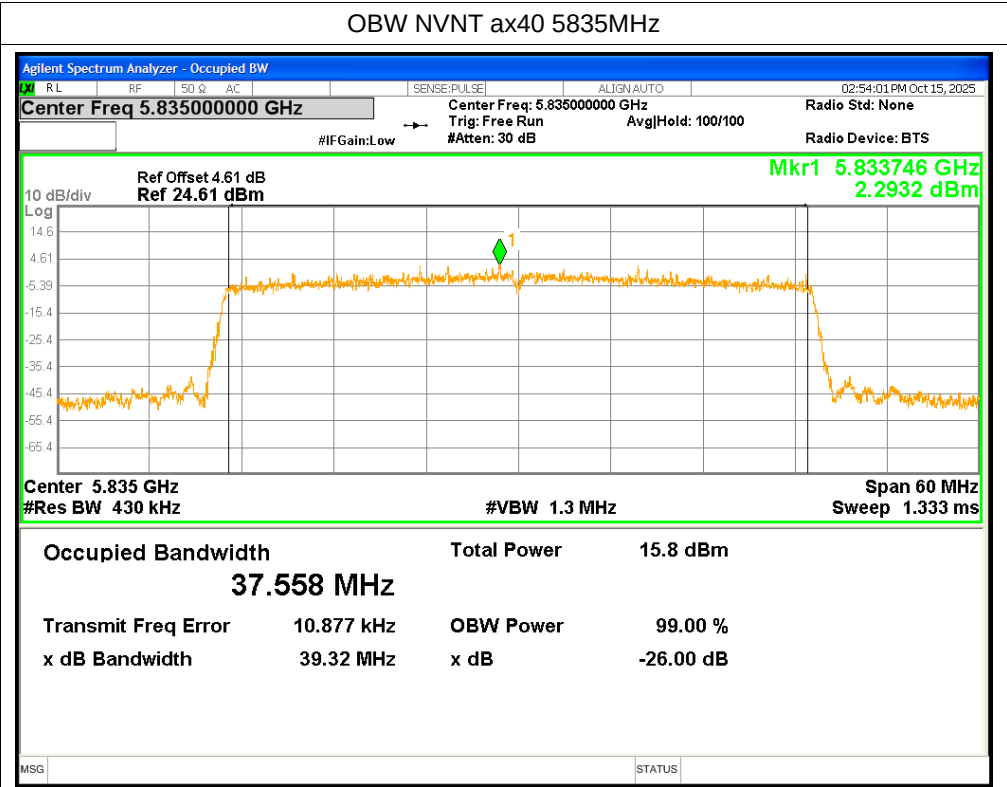


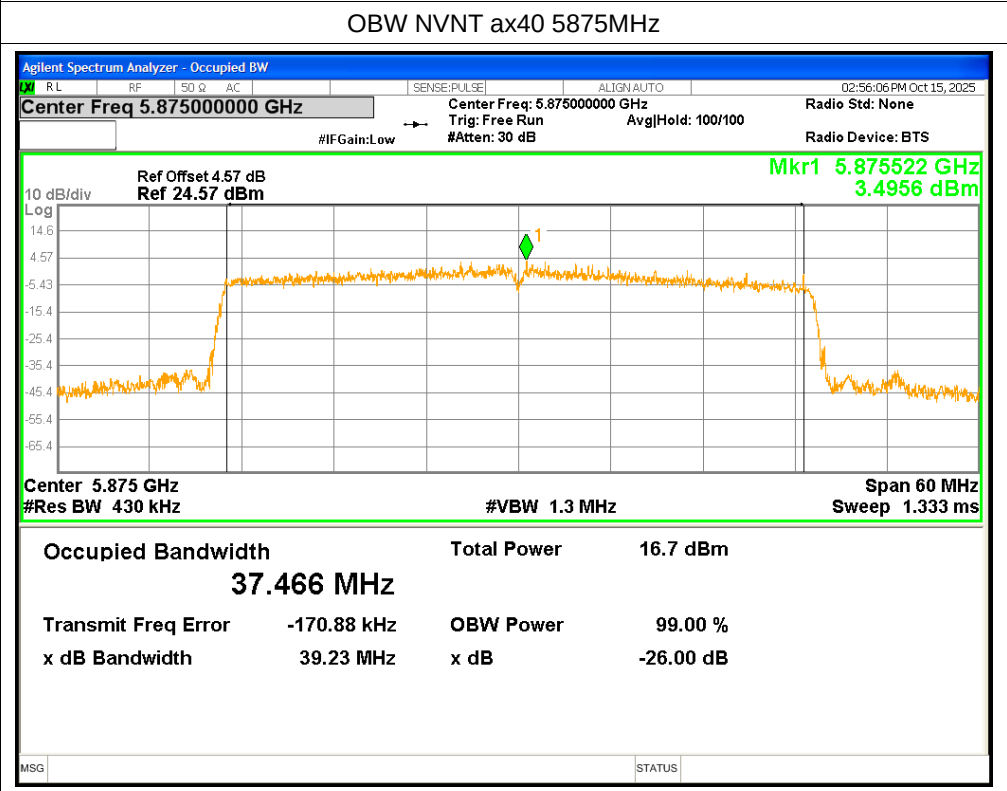
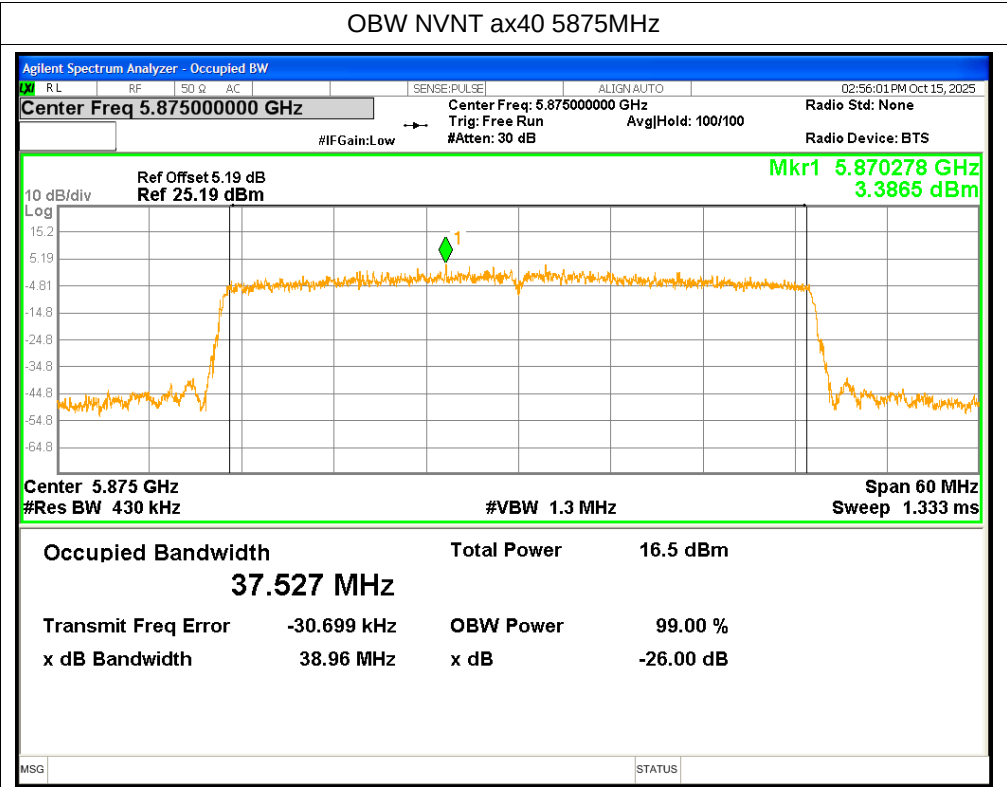


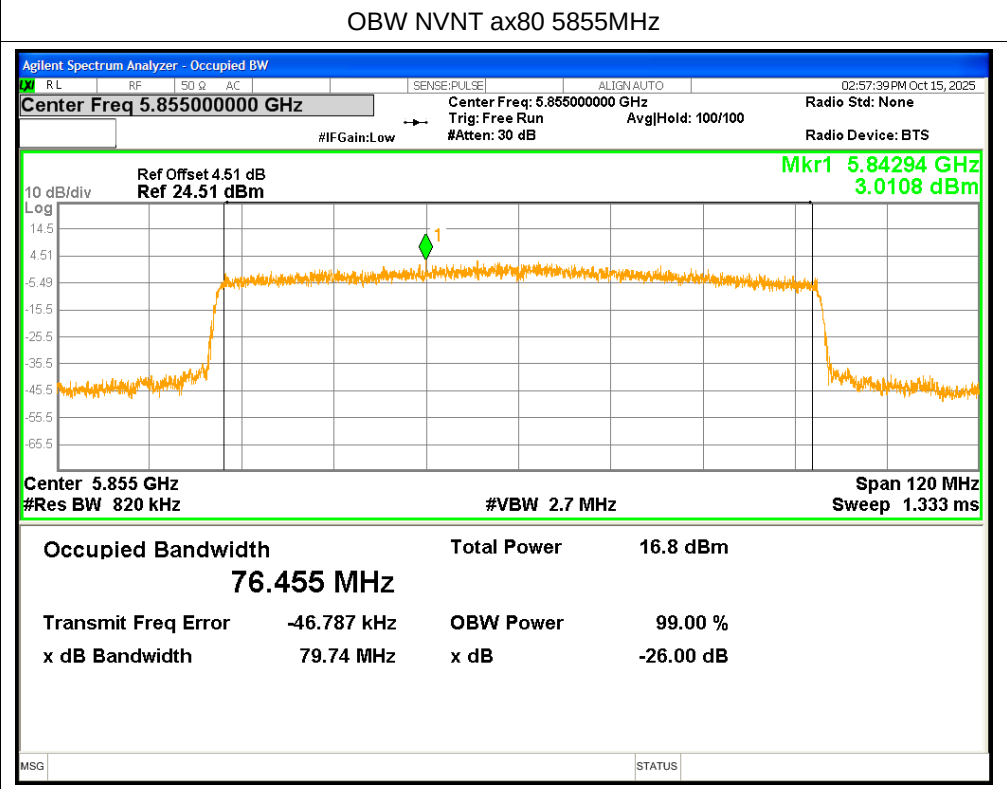
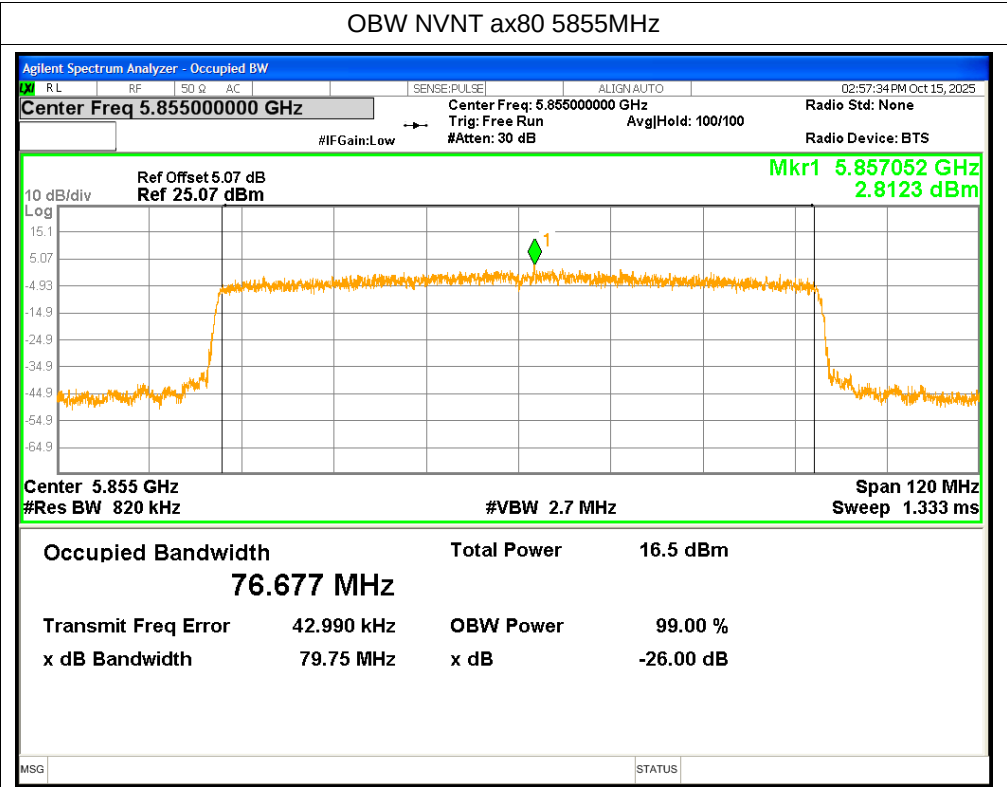












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5845	2.523	1.04	3.563	<=14	Pass
NVNT	a	5865	2.287	1.04	3.327	<=14	Pass
NVNT	a	5885	2.695	1.04	3.735	<=14	Pass
NVNT	a	5845	2.48	1.04	3.52	<=14	Pass
NVNT	a	5865	2.353	1.04	3.393	<=14	Pass
NVNT	a	5885	2.513	1.03	3.543	<=14	Pass
NVNT	n20	5845	-1.122	1.1	-0.022	<=14	Pass
NVNT	n20	5845	-0.674	1.1	0.426	<=14	Pass
NVNT	n20	5845	2.118	1.1	3.218	<=14	Pass
NVNT	n20	5865	-0.281	1.1	0.819	<=14	Pass
NVNT	n20	5865	-0.221	1.1	0.879	<=14	Pass
NVNT	n20	5865	2.759	1.1	3.859	<=14	Pass
NVNT	n20	5885	0.097	1.12	1.217	<=14	Pass
NVNT	n20	5885	-0.023	1.12	1.097	<=14	Pass
NVNT	n20	5885	3.048	1.12	4.168	<=14	Pass
NVNT	n40	5835	-4.343	2.05	-2.293	<=14	Pass
NVNT	n40	5835	-4.153	2.05	-2.103	<=14	Pass
NVNT	n40	5835	-1.237	2.05	0.813	<=14	Pass
NVNT	n40	5875	-3.716	2.06	-1.656	<=14	Pass
NVNT	n40	5875	-3.286	2.06	-1.226	<=14	Pass
NVNT	n40	5875	-0.485	2.06	1.575	<=14	Pass
NVNT	ac20	5845	-1.716	1.99	0.274	<=14	Pass
NVNT	ac20	5845	-0.875	1.99	1.115	<=14	Pass
NVNT	ac20	5845	1.735	1.99	3.725	<=14	Pass
NVNT	ac20	5865	-1.475	0.04	-1.435	<=14	Pass
NVNT	ac20	5865	-0.87	0.04	-0.83	<=14	Pass
NVNT	ac20	5865	1.848	0.04	1.888	<=14	Pass
NVNT	ac20	5885	-1.065	1.95	0.885	<=14	Pass
NVNT	ac20	5885	-1.148	1.95	0.802	<=14	Pass
NVNT	ac20	5885	1.904	1.95	3.854	<=14	Pass
NVNT	ac40	5835	-5.753	3.21	-2.543	<=14	Pass
NVNT	ac40	5835	-5.005	3.21	-1.795	<=14	Pass
NVNT	ac40	5835	-2.353	3.21	0.857	<=14	Pass
NVNT	ac40	5875	-3.649	3.16	-0.489	<=14	Pass
NVNT	ac40	5875	-4.162	3.16	-1.002	<=14	Pass
NVNT	ac40	5875	-0.888	3.16	2.272	<=14	Pass
NVNT	ac80	5855	-9.936	4.91	-5.026	<=14	Pass
NVNT	ac80	5855	-8.281	4.91	-3.371	<=14	Pass
NVNT	ac80	5855	-6.02	4.91	-1.11	<=14	Pass
NVNT	ax20	5845	-4.374	4.54	0.166	<=14	Pass

NVNT	ax20	5845	-3.451	4.54	1.089	<=14	Pass
NVNT	ax20	5845	-0.878	4.54	3.662	<=14	Pass
NVNT	ax20	5865	-2.648	4.58	1.932	<=14	Pass
NVNT	ax20	5865	-3.524	4.58	1.056	<=14	Pass
NVNT	ax20	5865	-0.054	4.58	4.526	<=14	Pass
NVNT	ax20	5885	-3.541	4.54	0.999	<=14	Pass
NVNT	ax20	5885	-3.282	4.54	1.258	<=14	Pass
NVNT	ax20	5885	-0.399	4.54	4.141	<=14	Pass
NVNT	ax40	5835	-5.522	4.58	-0.942	<=14	Pass
NVNT	ax40	5835	-6.301	4.58	-1.721	<=14	Pass
NVNT	ax40	5835	-2.884	4.58	1.696	<=14	Pass
NVNT	ax40	5875	-5.649	4.54	-1.109	<=14	Pass
NVNT	ax40	5875	-5.54	4.54	-1	<=14	Pass
NVNT	ax40	5875	-2.584	4.54	1.956	<=14	Pass
NVNT	ax80	5855	-9.024	4.76	-4.264	<=14	Pass
NVNT	ax80	5855	-8.493	4.76	-3.733	<=14	Pass
NVNT	ax80	5855	-5.74	4.76	-0.98	<=14	Pass

