

Appendix

1. Bandwidth

1.1 OBW

1.1.1 Test Result

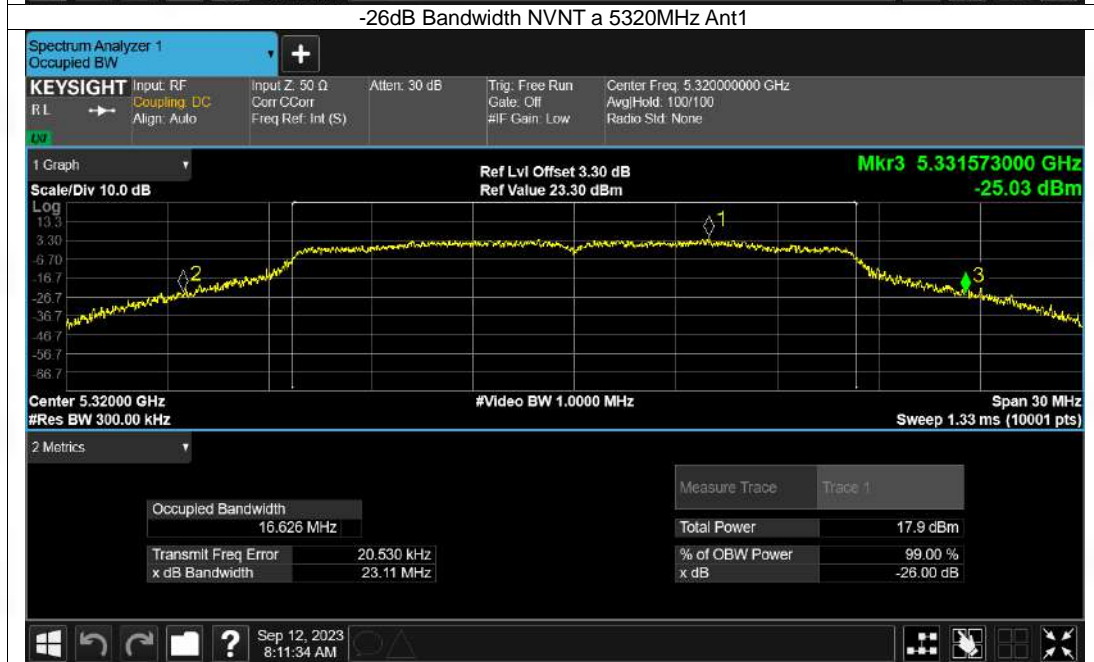
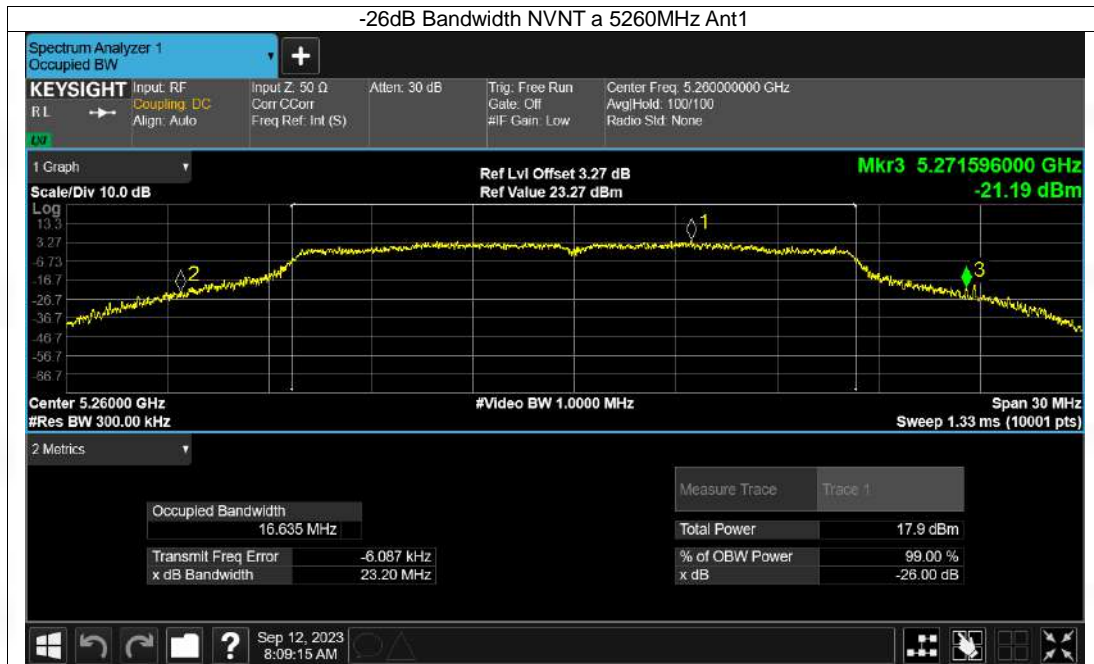
Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	26.346	0.5	Pass
a	5240	Ant1	22.196	0.5	Pass
a	5260	Ant1	23.204	0.5	Pass
a	5320	Ant1	23.105	0.5	Pass
a	5500	Ant1	22.84	0.5	Pass
a	5700	Ant1	22.279	0.5	Pass
n20	5180	Ant1	22.987	0.5	Pass
n20	5240	Ant1	23.119	0.5	Pass
n20	5260	Ant1	22.561	0.5	Pass
n20	5320	Ant1	22.305	0.5	Pass
n20	5500	Ant1	22.833	0.5	Pass
n20	5700	Ant1	22.874	0.5	Pass
n40	5190	Ant1	42.404	0.5	Pass
n40	5230	Ant1	42.822	0.5	Pass
n40	5270	Ant1	42.902	0.5	Pass
n40	5310	Ant1	40.176	0.5	Pass
n40	5510	Ant1	42.463	0.5	Pass
n40	5670	Ant1	42.905	0.5	Pass
ac20	5180	Ant1	22.371	0.5	Pass
ac20	5240	Ant1	23.946	0.5	Pass
ac20	5260	Ant1	22.328	0.5	Pass
ac20	5320	Ant1	23.185	0.5	Pass
ac20	5500	Ant1	22.656	0.5	Pass
ac20	5700	Ant1	23.16	0.5	Pass
ac40	5190	Ant1	42.121	0.5	Pass
ac40	5230	Ant1	42.484	0.5	Pass
ac40	5270	Ant1	42.432	0.5	Pass
ac40	5310	Ant1	41.433	0.5	Pass
ac40	5510	Ant1	43.628	0.5	Pass
ac40	5670	Ant1	43.23	0.5	Pass
ac80	5210	Ant1	82.071	0.5	Pass
ac80	5290	Ant1	85.094	0.5	Pass
ac80	5530	Ant1	83.09	0.5	Pass
ac80	5610	Ant1	83.548	0.5	Pass
ax160	5250	Ant1	160.412	0.5	Pass
ax160	5570	Ant1	160.587	0.5	Pass
ax20	5180	Ant1	19.888	0.5	Pass
ax20	5240	Ant1	19.845	0.5	Pass
ax20	5260	Ant1	19.839	0.5	Pass
ax20	5320	Ant1	19.866	0.5	Pass
ax20	5500	Ant1	19.901	0.5	Pass
ax20	5700	Ant1	19.804	0.5	Pass
ax40	5190	Ant1	39.121	0.5	Pass
ax40	5230	Ant1	39.303	0.5	Pass
ax40	5270	Ant1	39.152	0.5	Pass
ax40	5310	Ant1	39.407	0.5	Pass
ax40	5510	Ant1	39.162	0.5	Pass
ax40	5670	Ant1	39.261	0.5	Pass
ax80	5210	Ant1	79.282	0.5	Pass
ax80	5290	Ant1	79.311	0.5	Pass
ax80	5530	Ant1	79.284	0.5	Pass
ax80	5610	Ant1	79.264	0.5	Pass

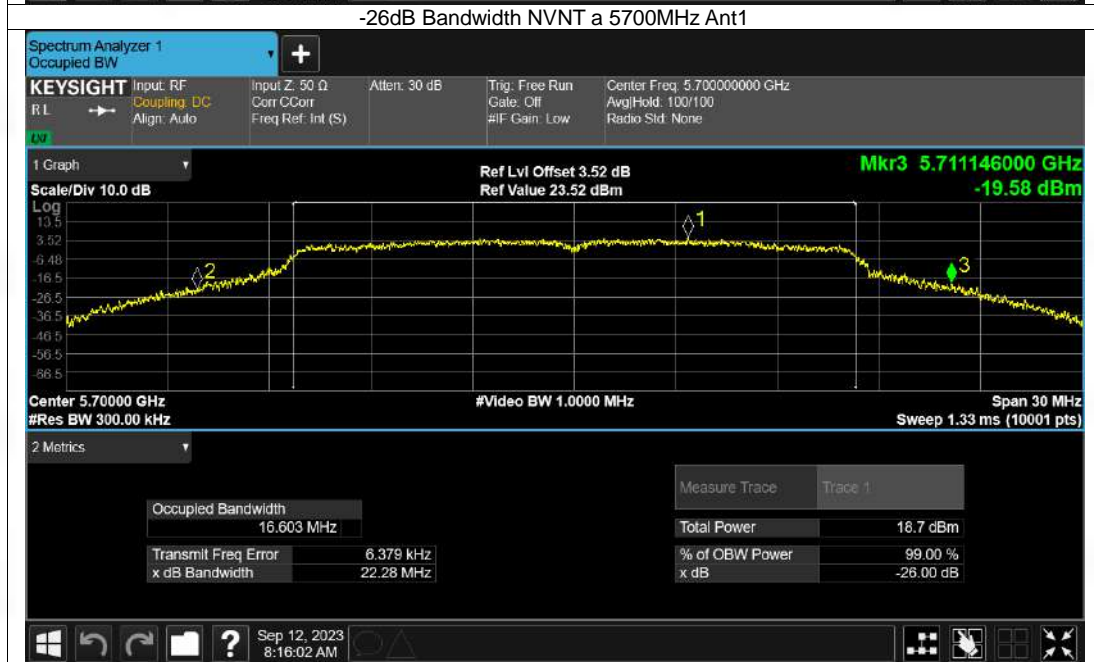
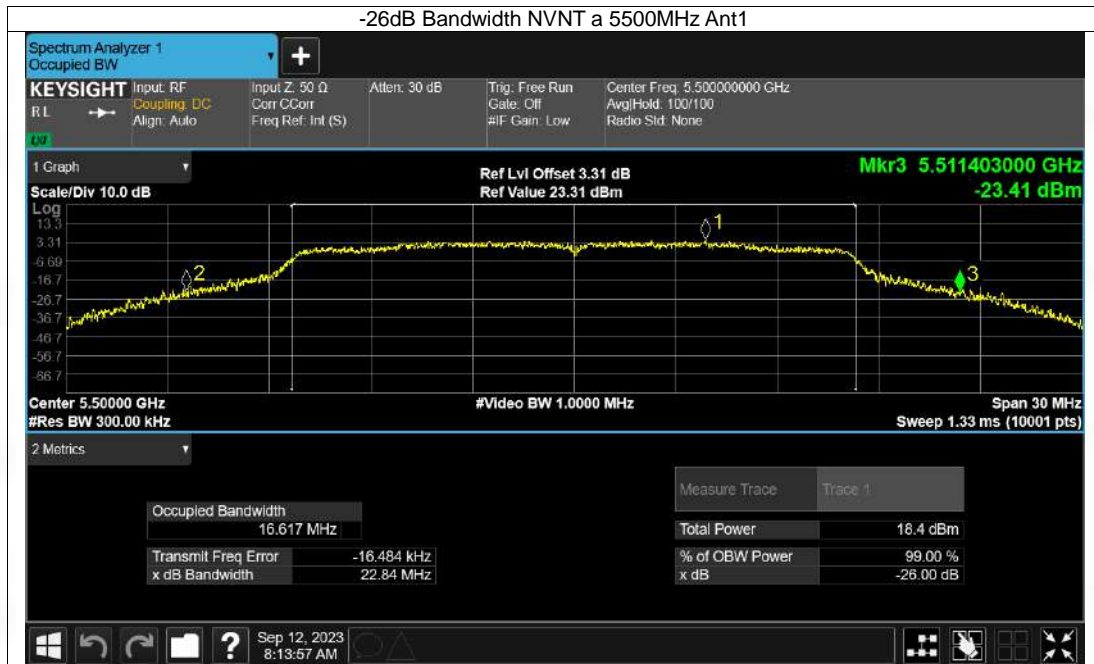
-6dB Bandwidth

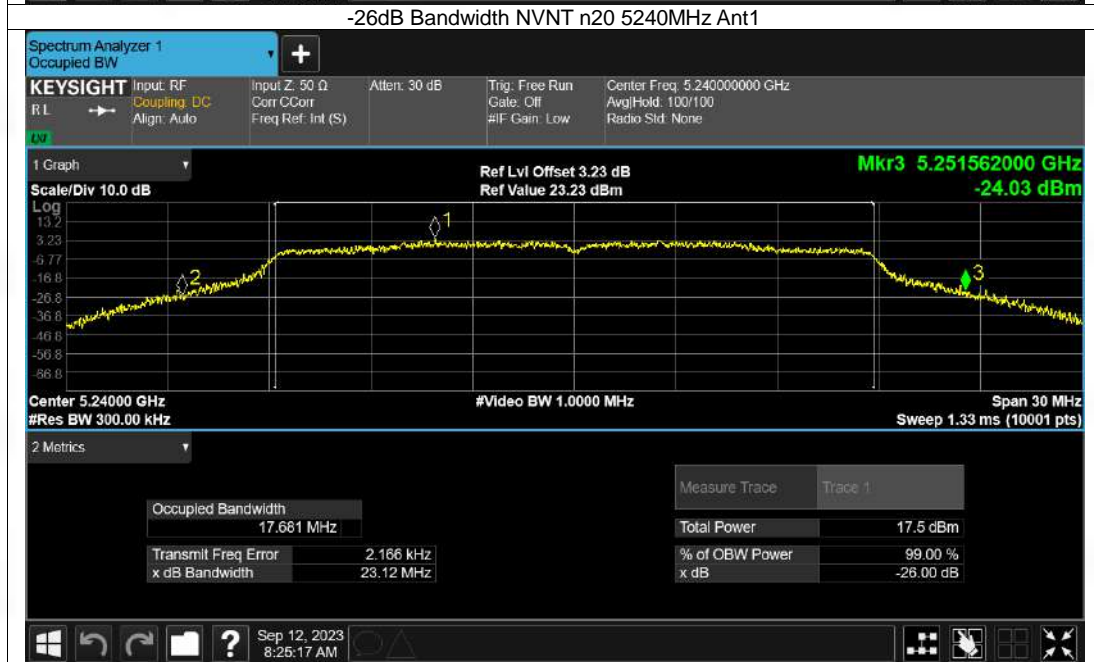
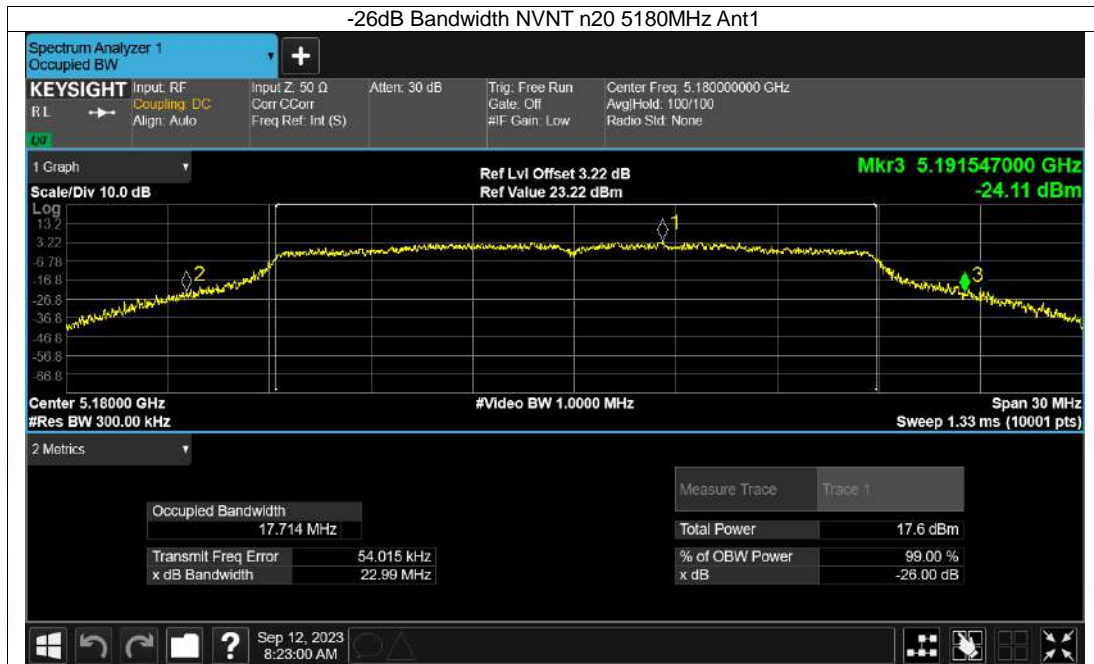
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	Ant1	15.303	0.5	Pass
a	5825	Ant1	16.363	0.5	Pass
n20	5745	Ant1	14.945	0.5	Pass
n20	5825	Ant1	11.828	0.5	Pass
n40	5755	Ant1	32.523	0.5	Pass
n40	5795	Ant1	33.874	0.5	Pass
ac20	5745	Ant1	14.964	0.5	Pass
ac20	5825	Ant1	14.025	0.5	Pass
ac40	5755	Ant1	35.072	0.5	Pass
ac40	5795	Ant1	35.082	0.5	Pass
ac80	5775	Ant1	74.961	0.5	Pass
ax20	5745	Ant1	14.531	0.5	Pass
ax20	5825	Ant1	15.013	0.5	Pass
ax40	5755	Ant1	35.056	0.5	Pass
ax40	5795	Ant1	36.218	0.5	Pass
ax80	5775	Ant1	76.34	0.5	Pass

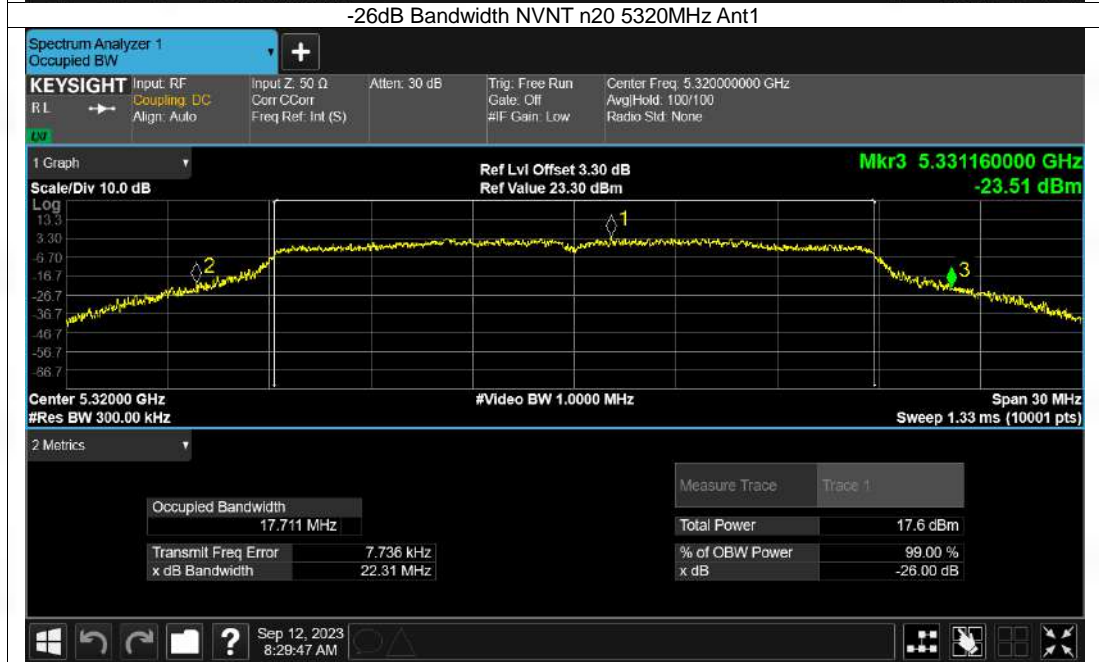
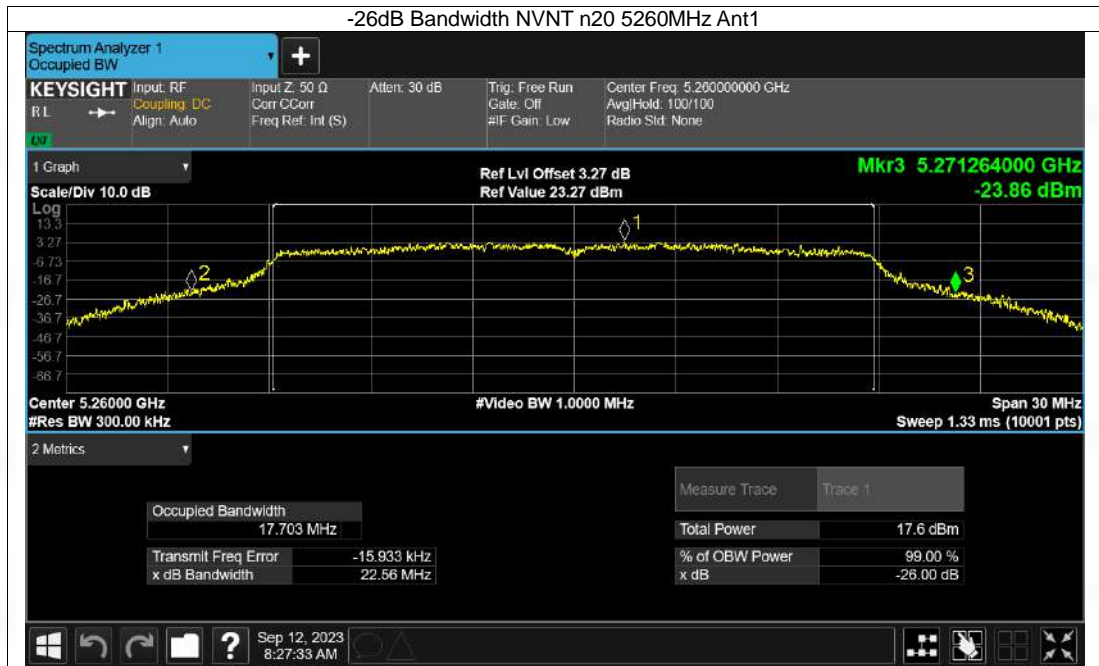
1.1.2 Test Graph

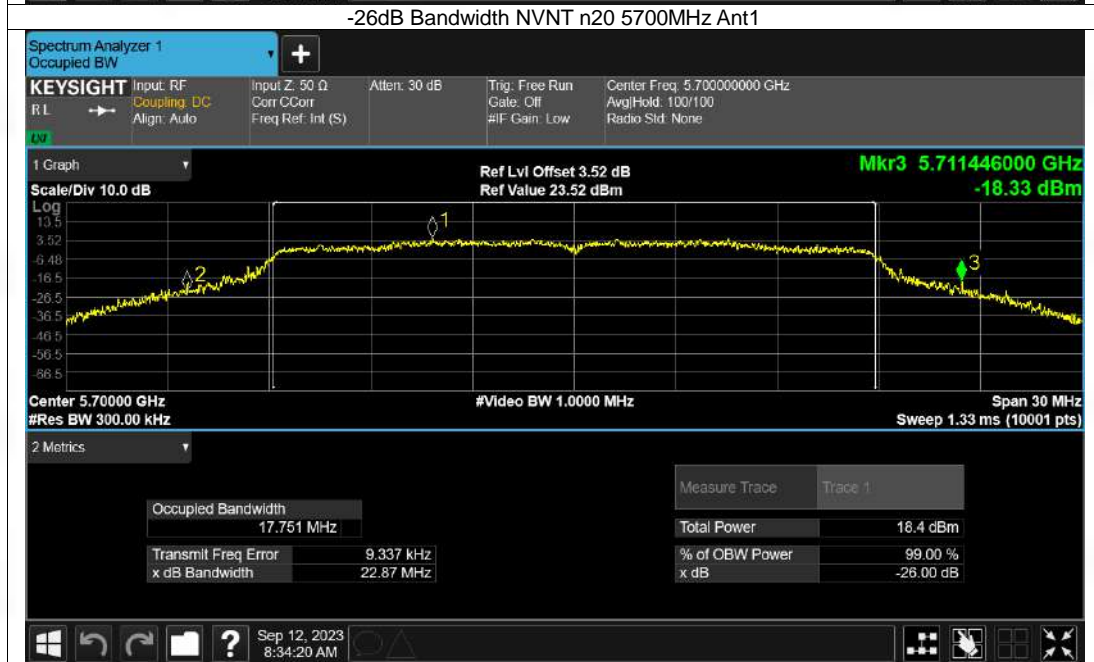
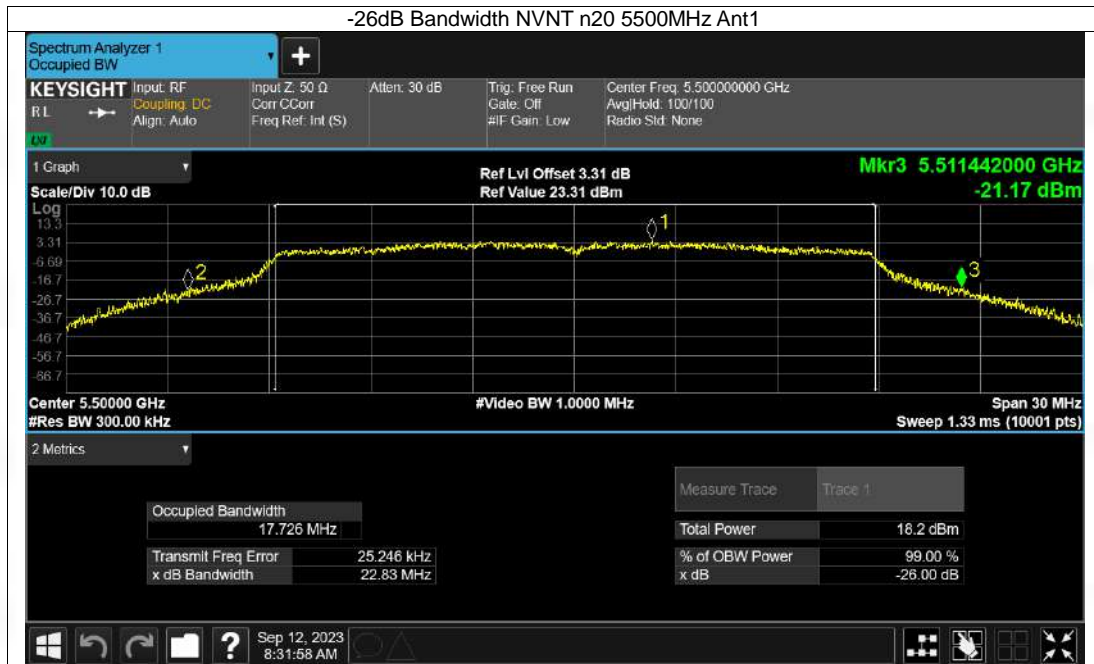


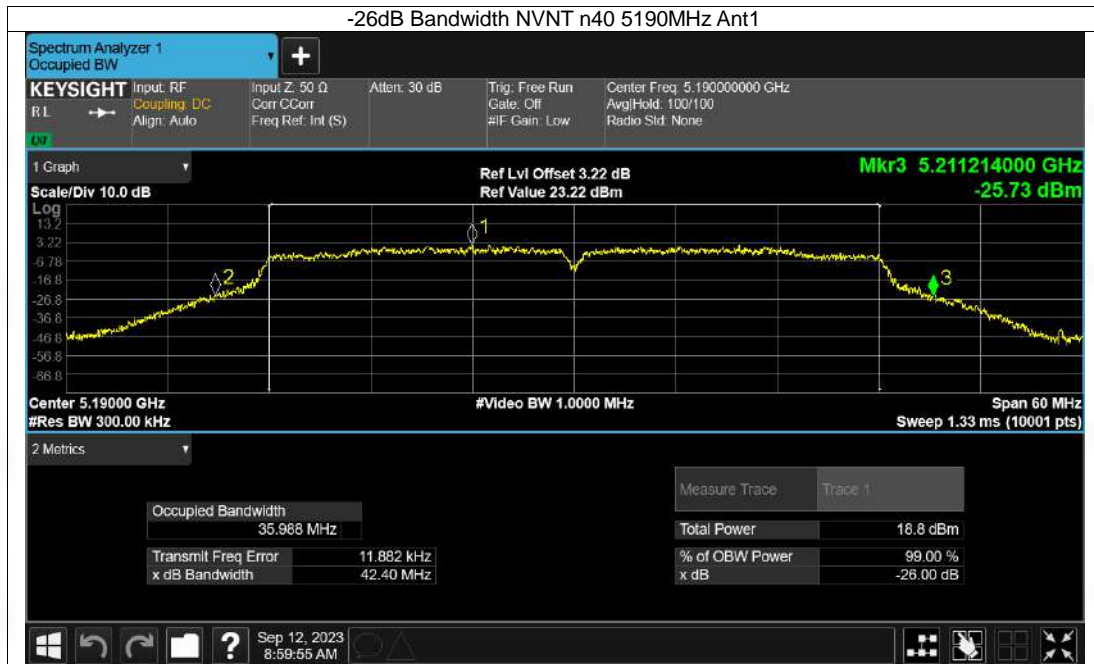


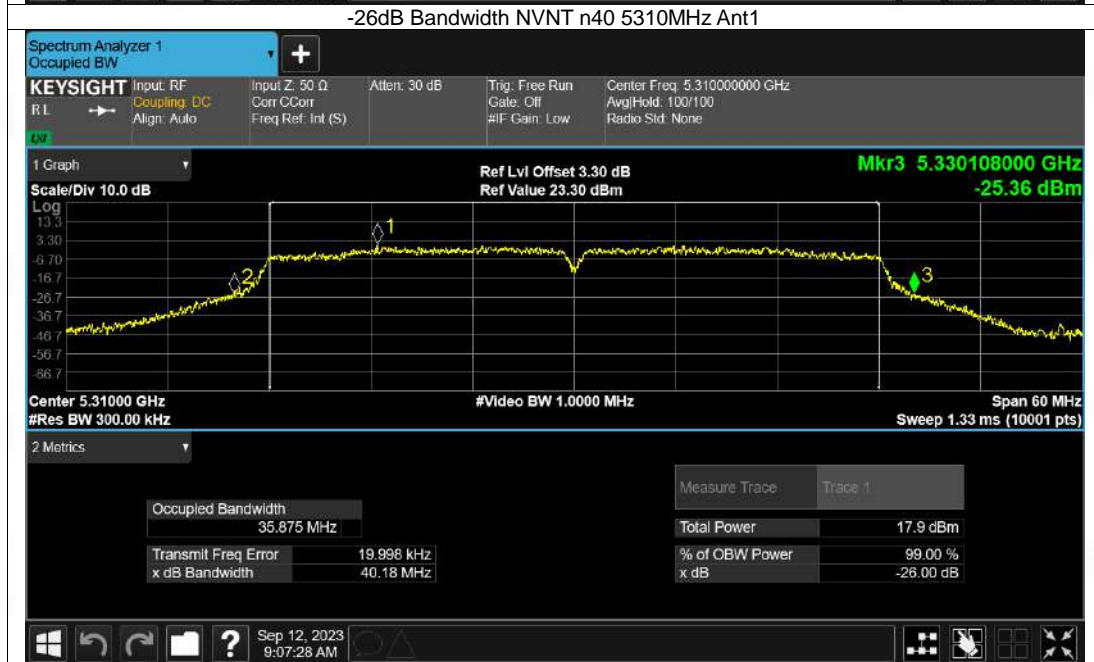
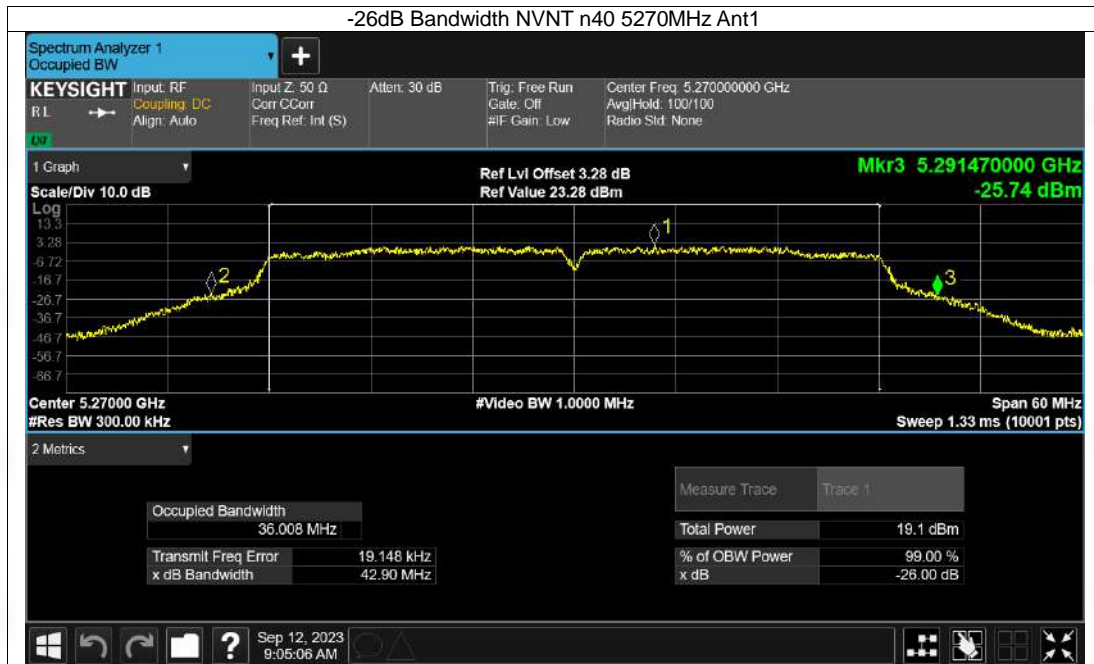


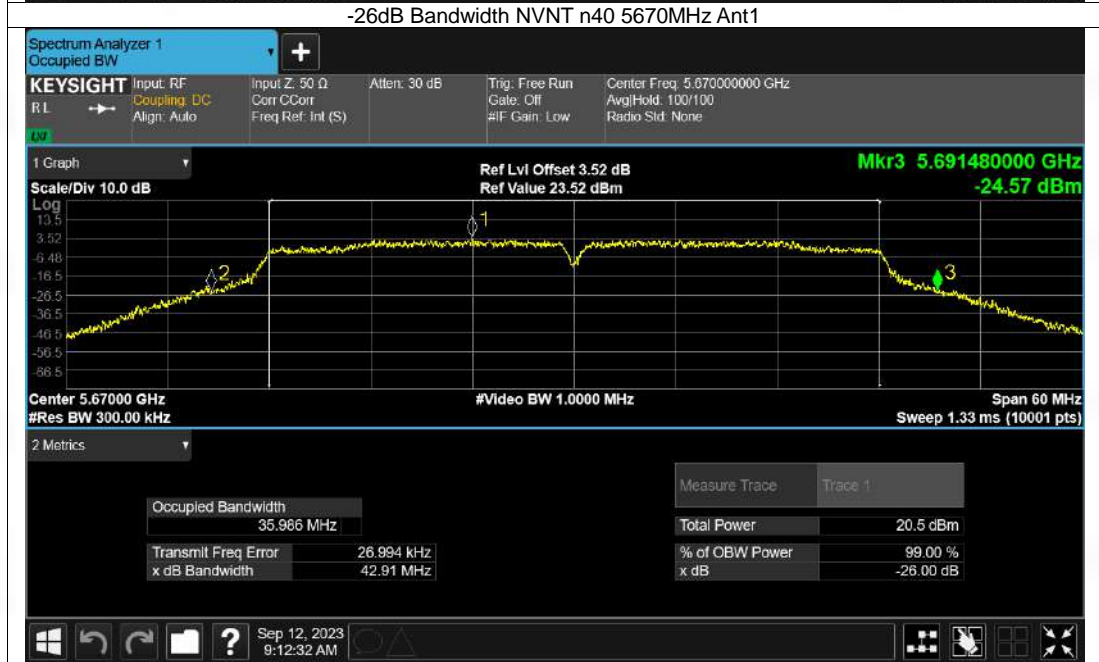
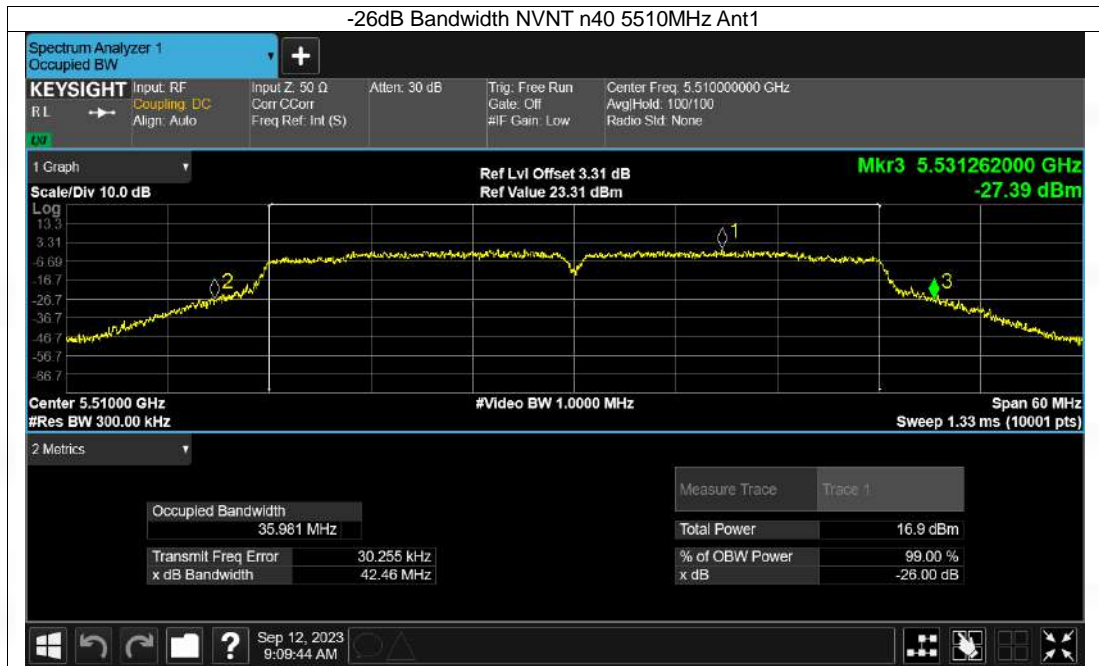


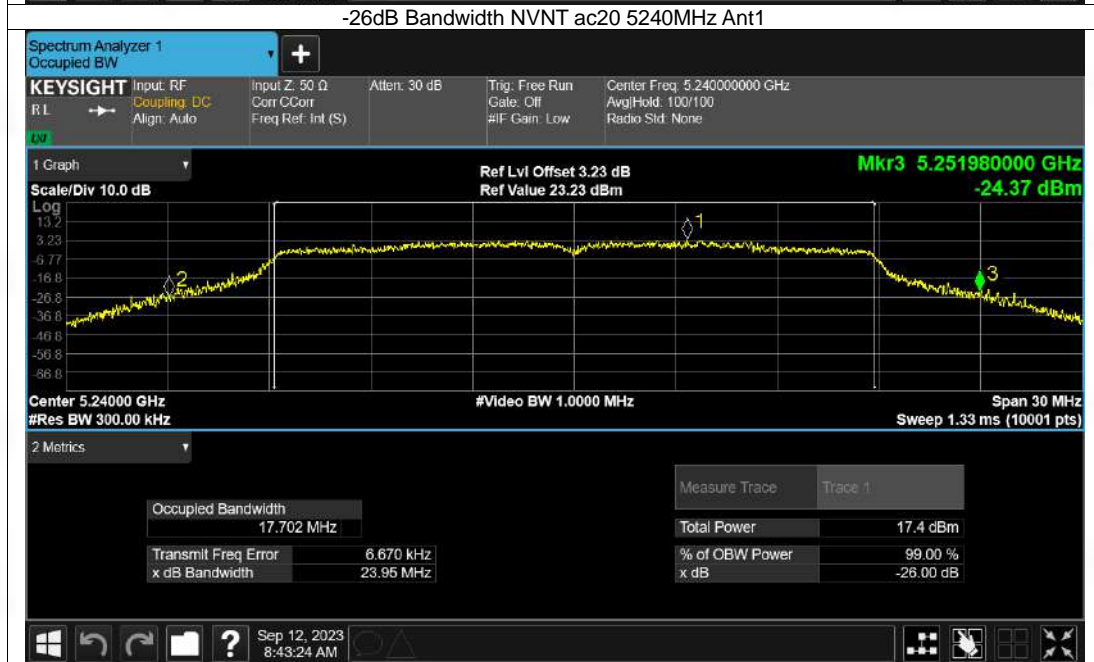
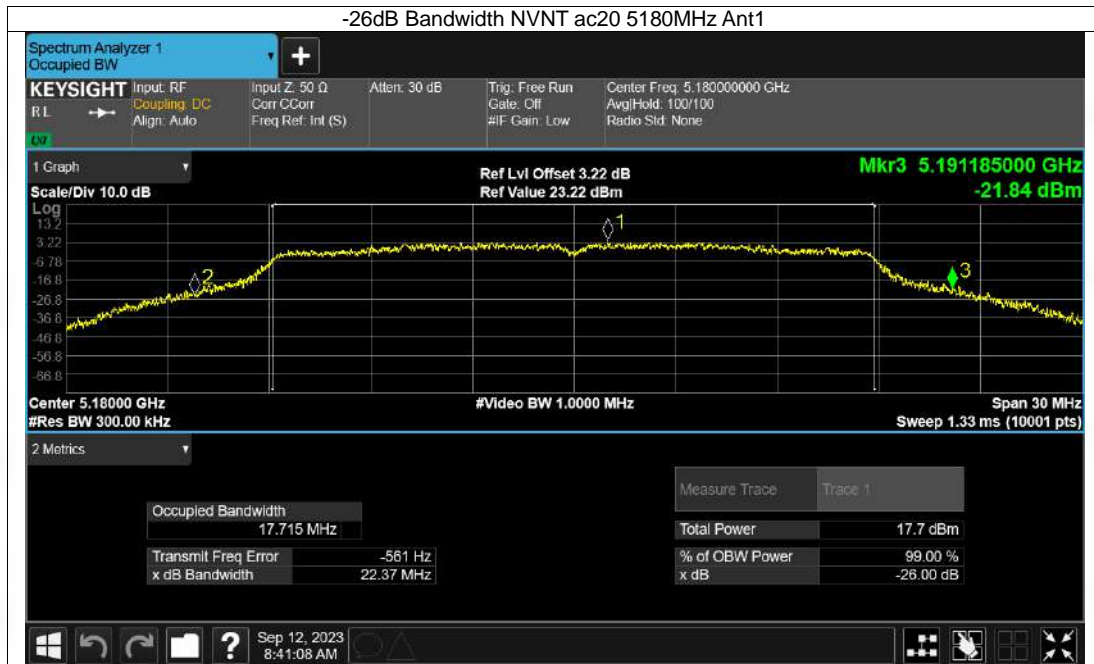


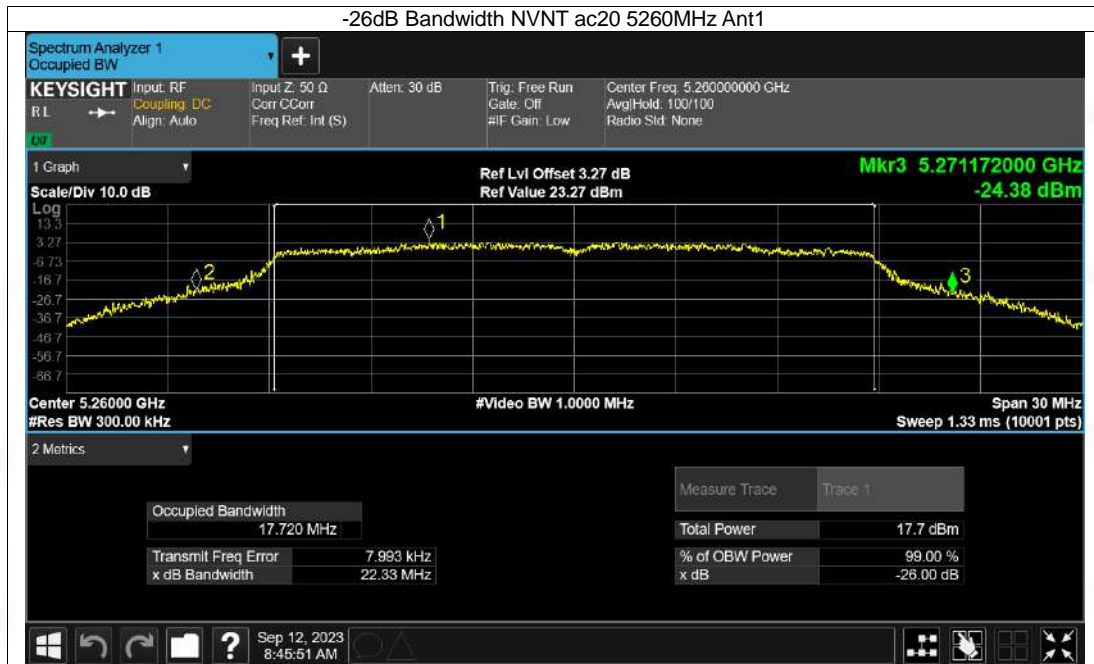


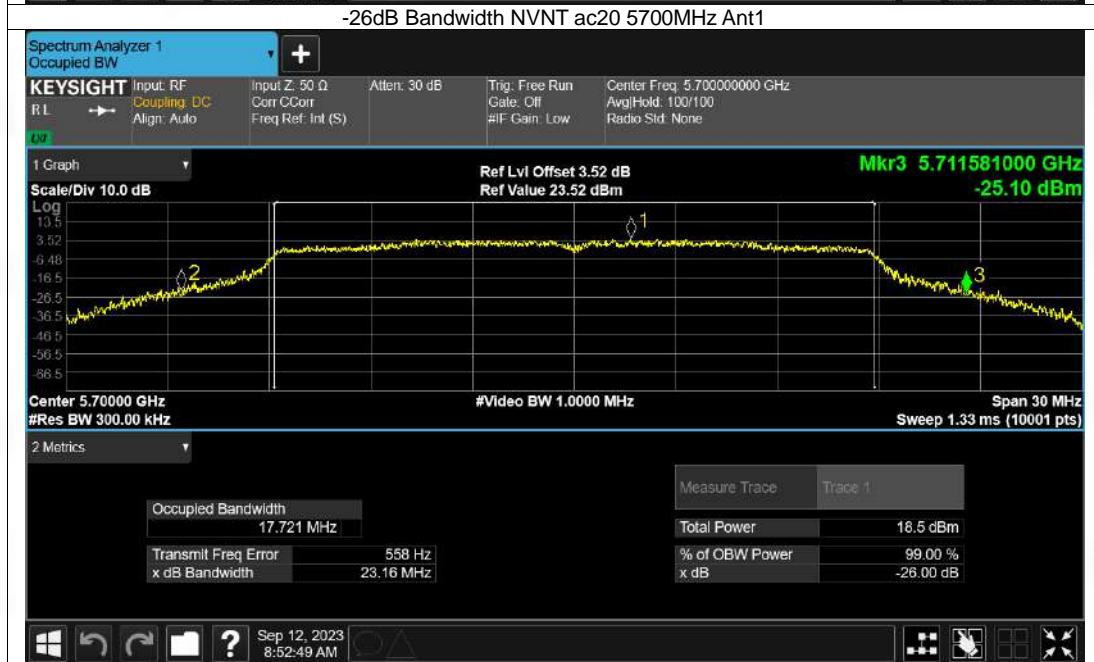
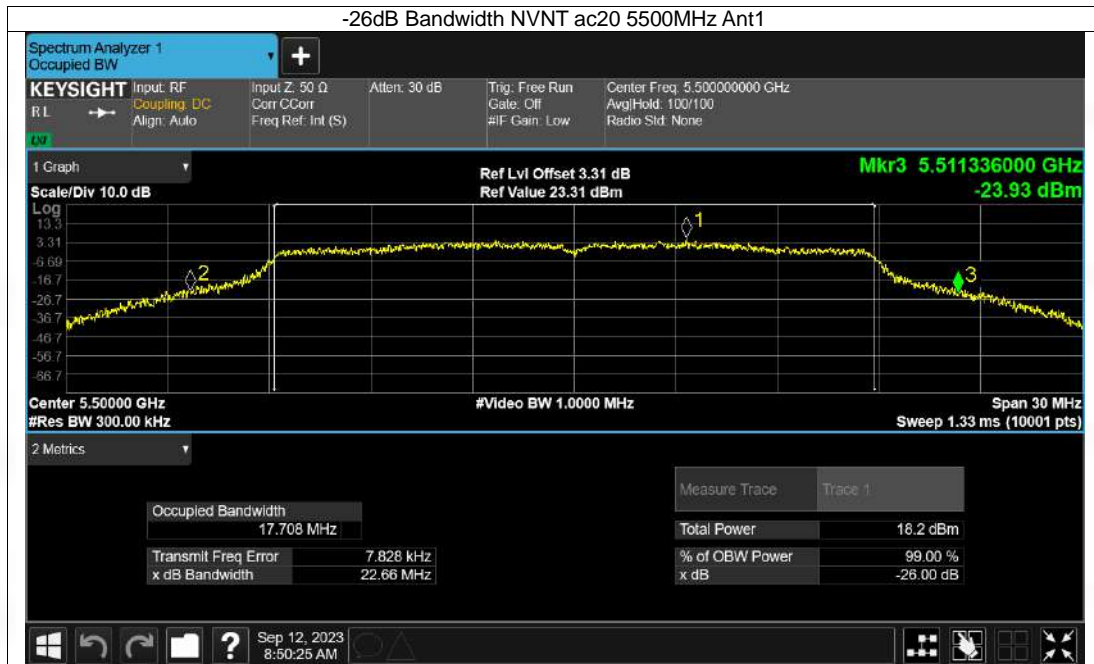


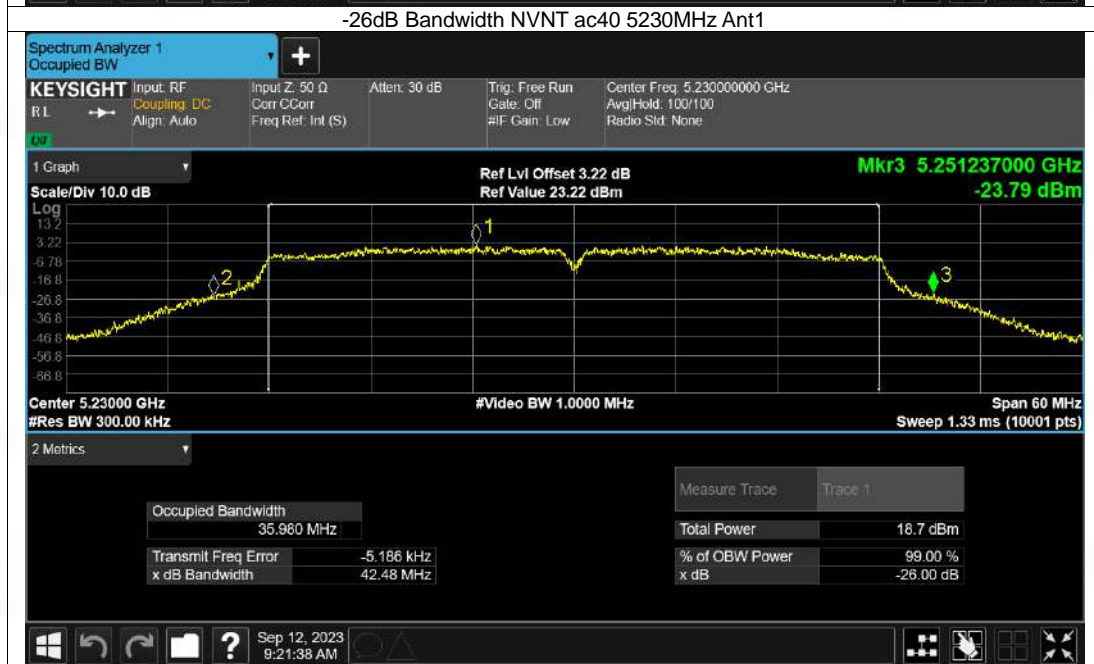
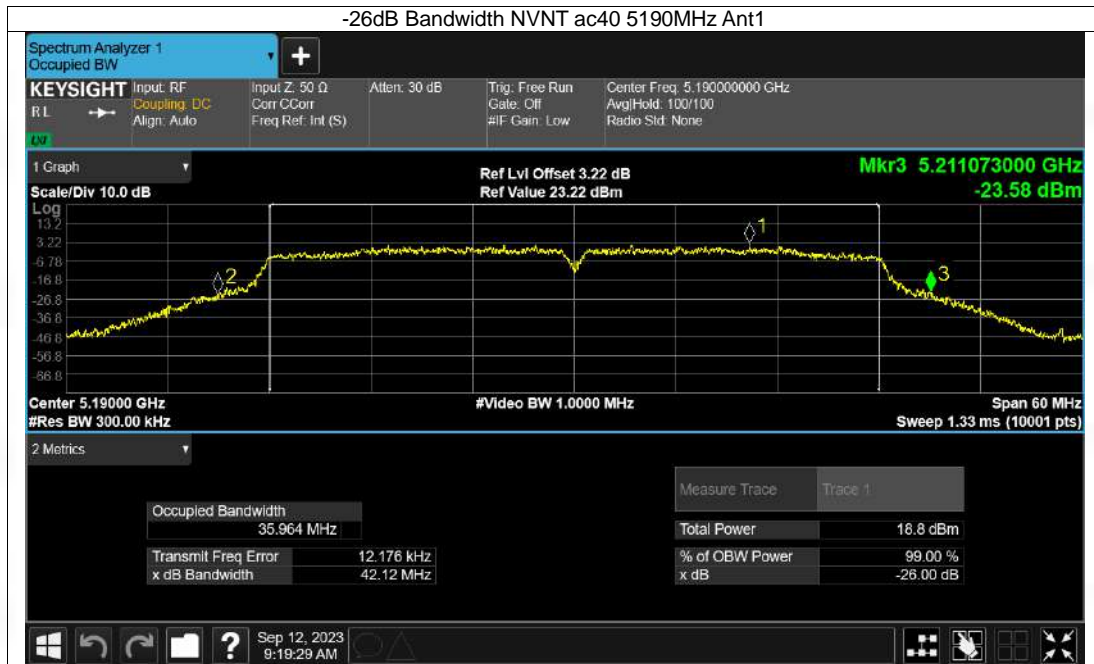


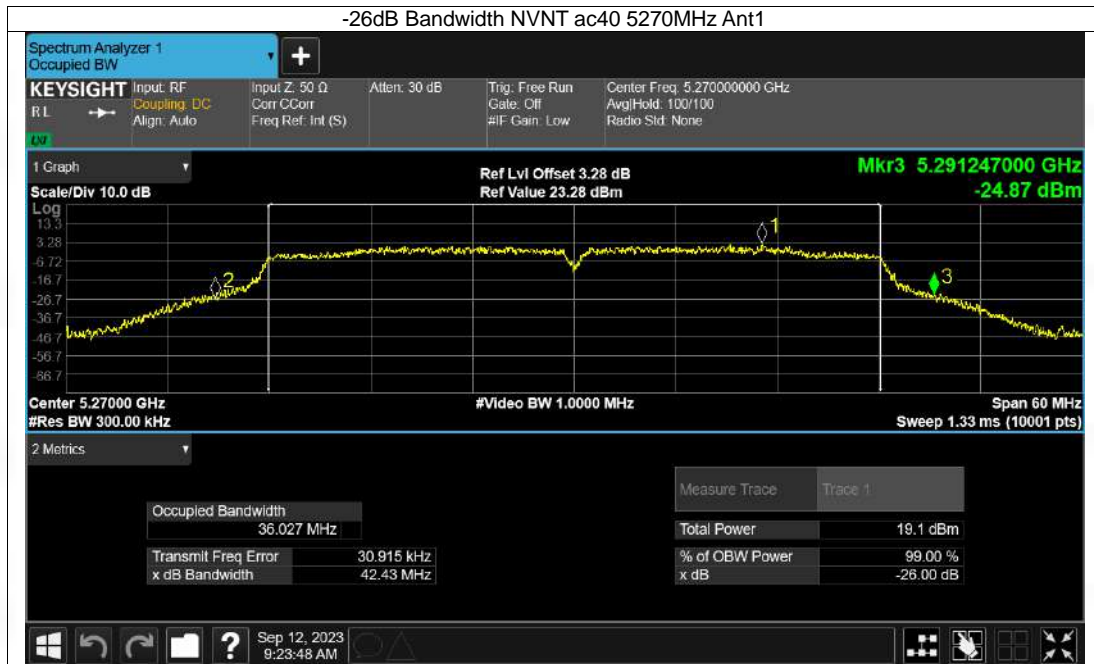


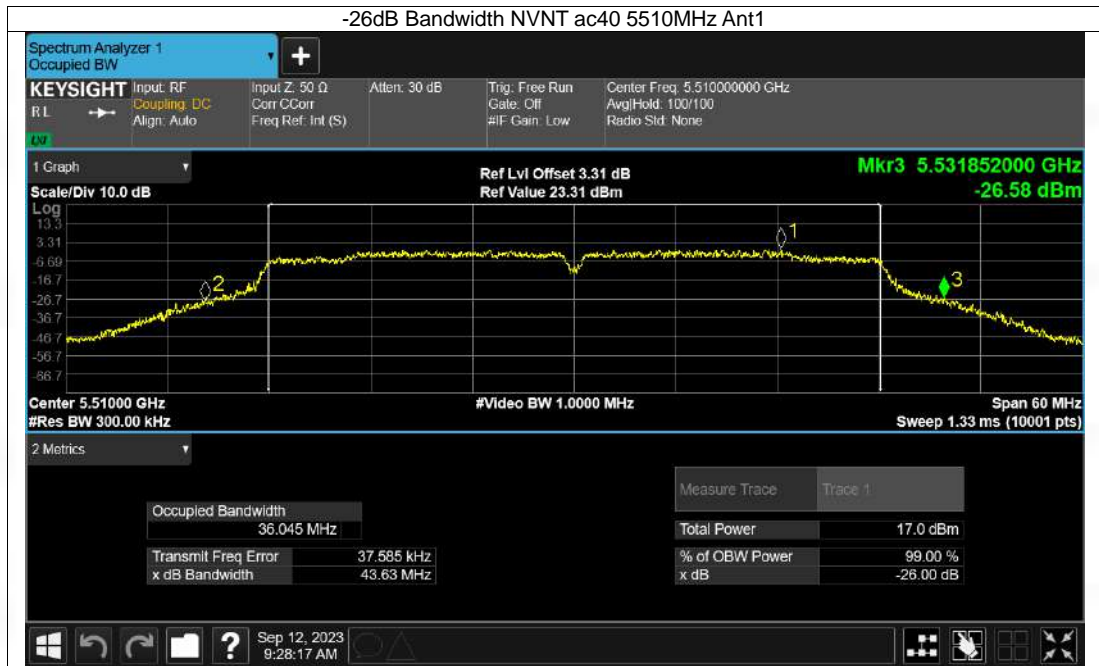


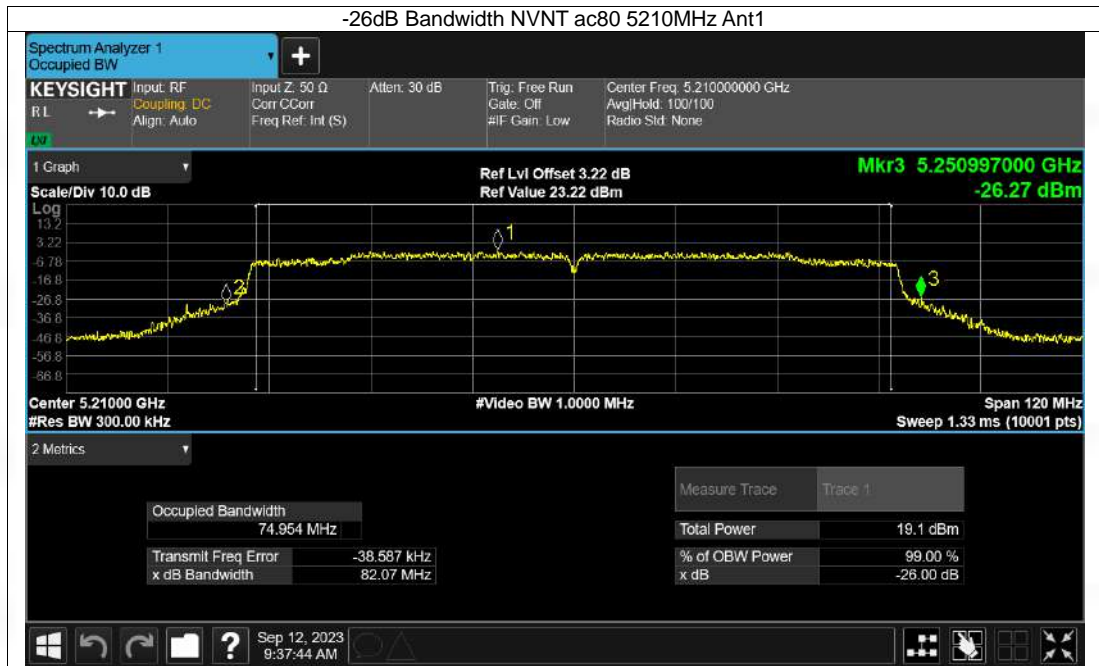


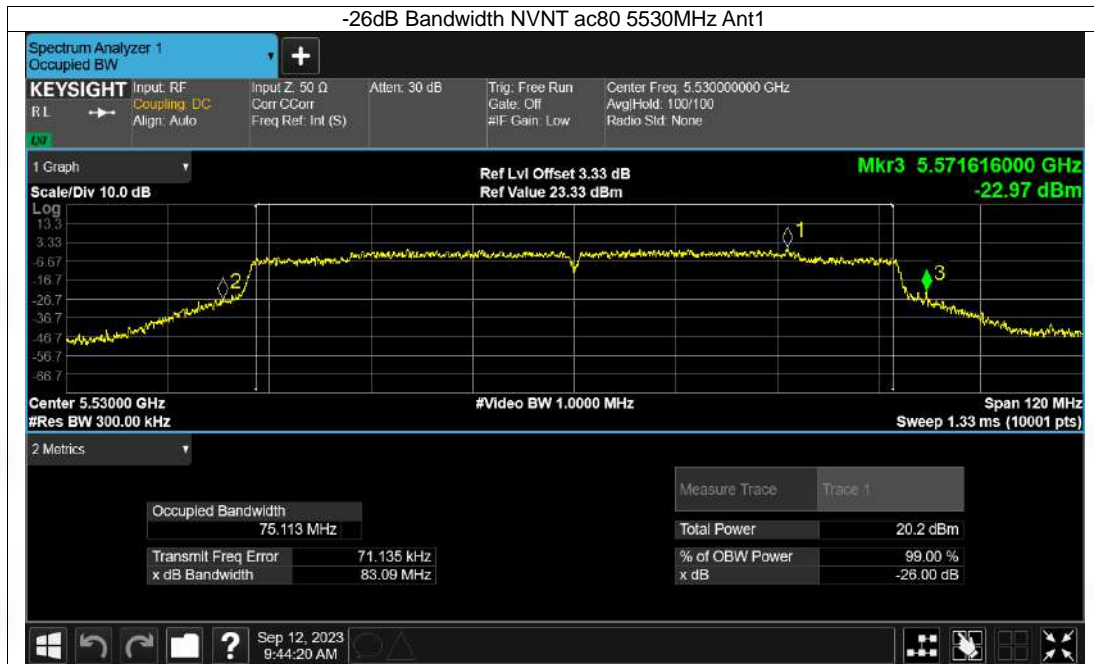


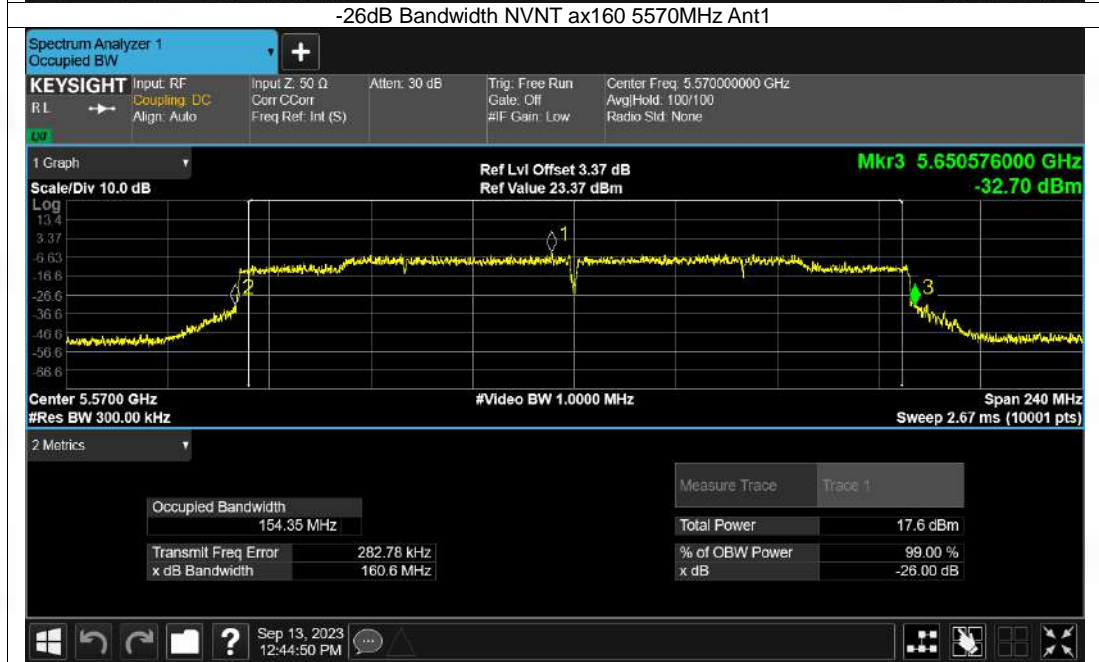
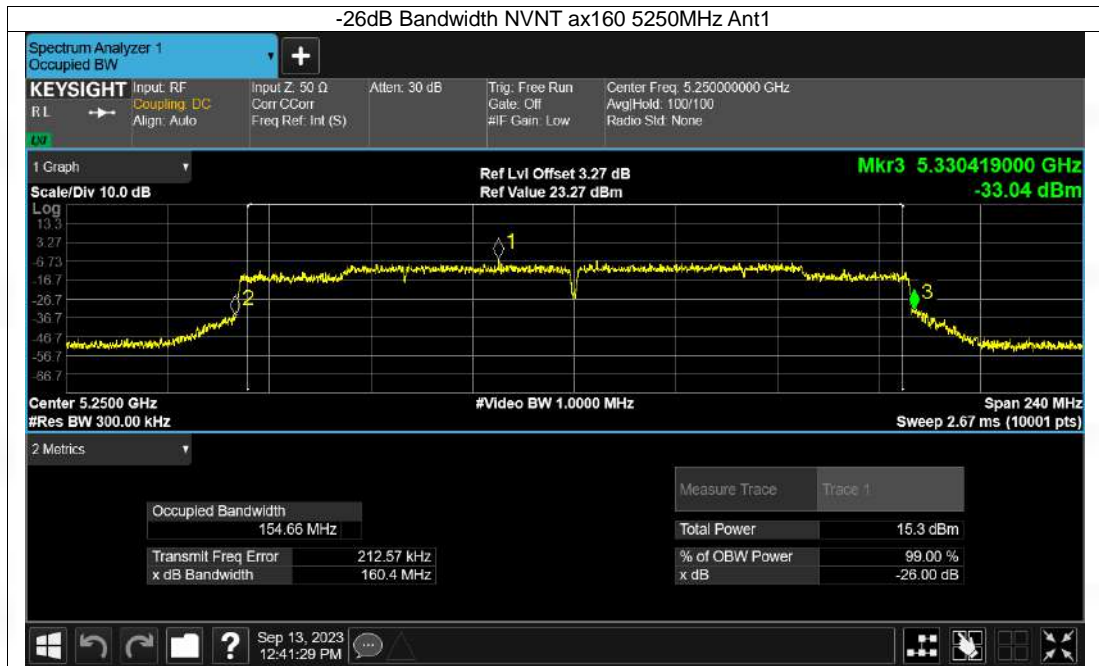


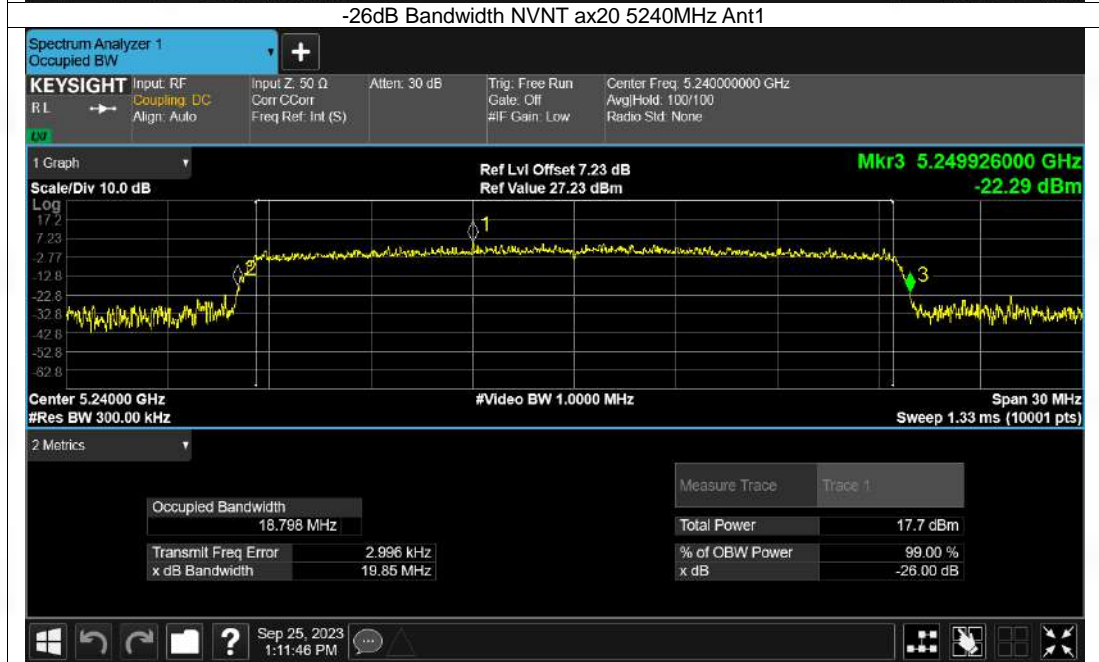
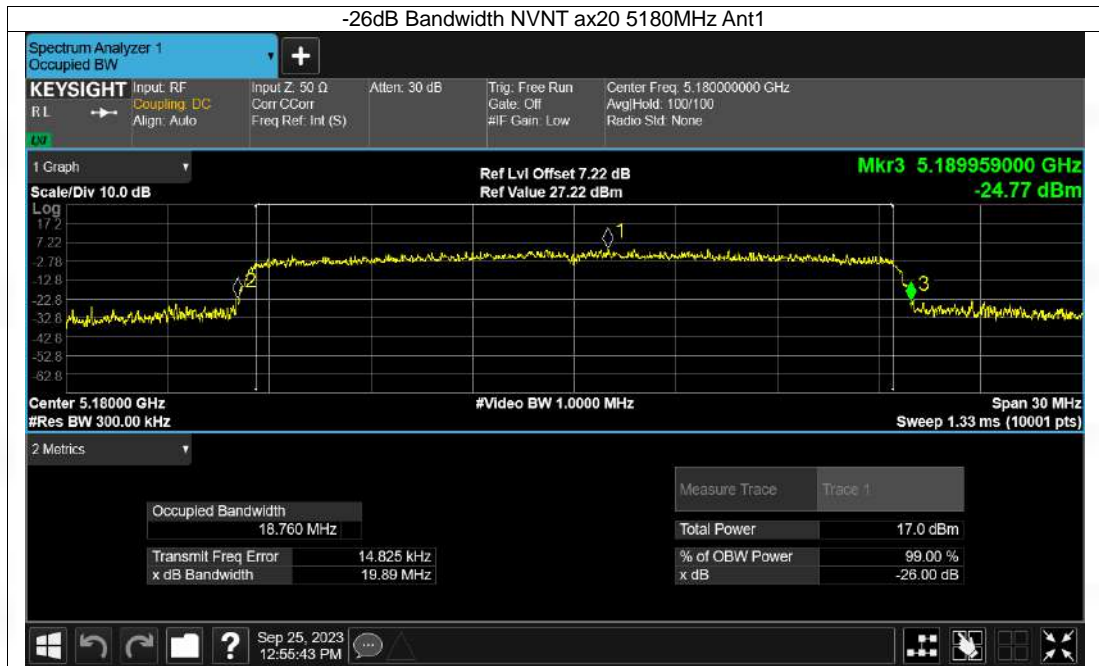


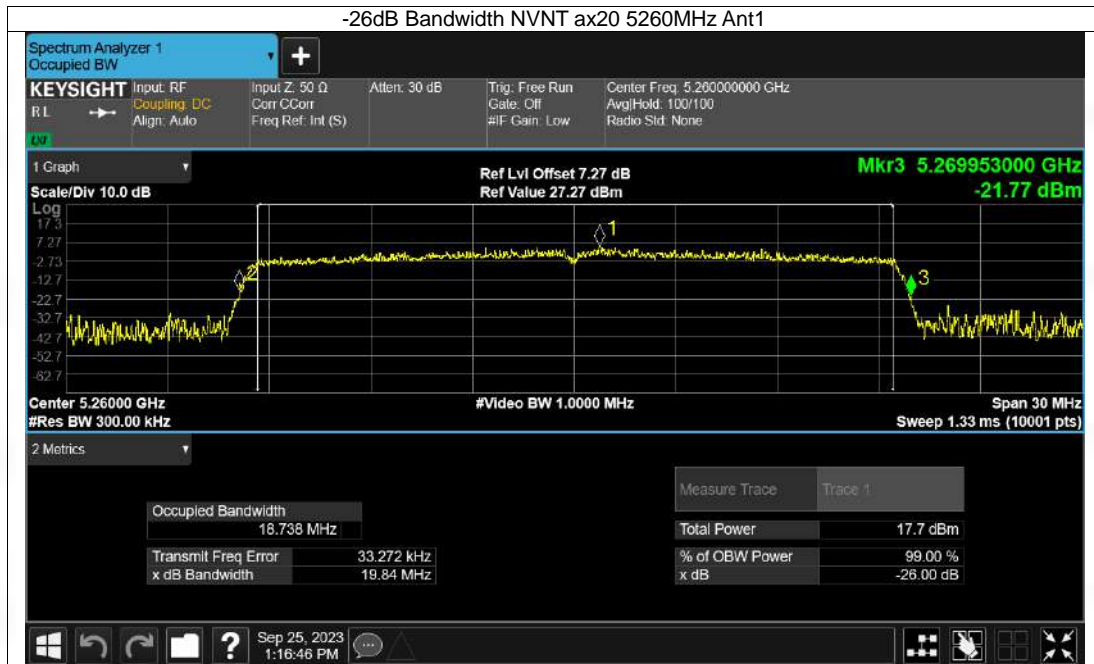


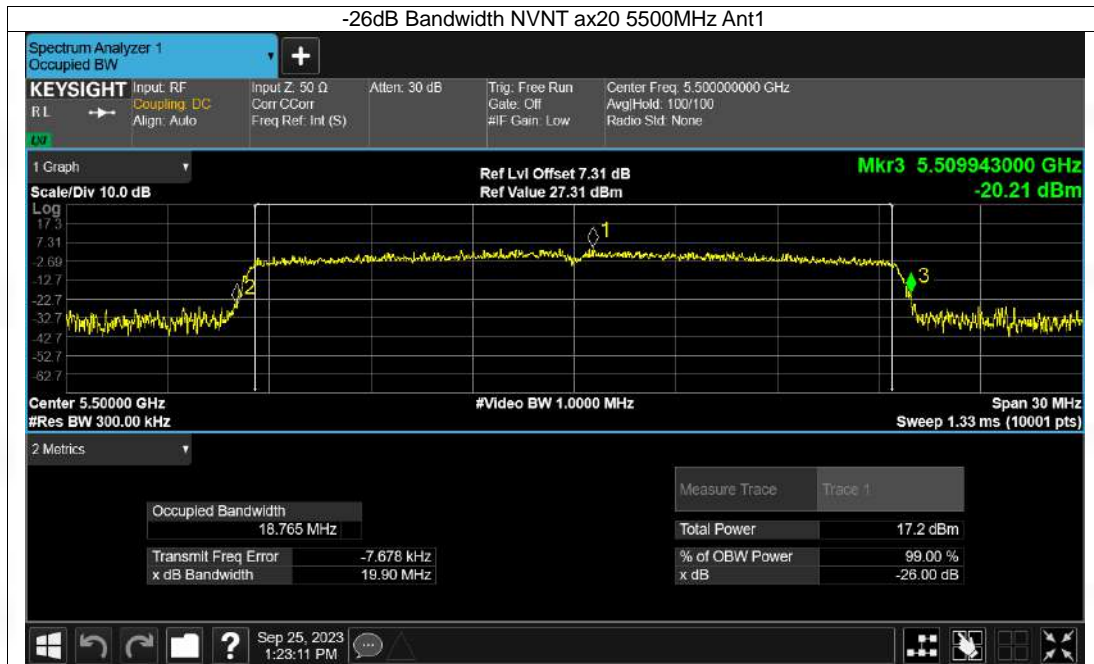


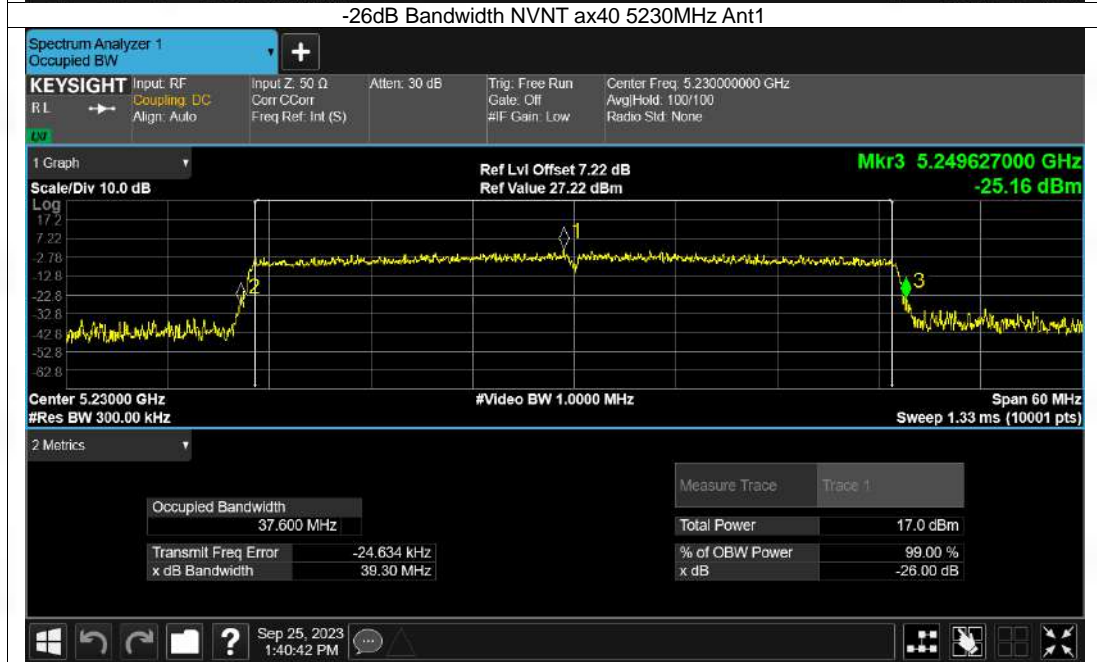
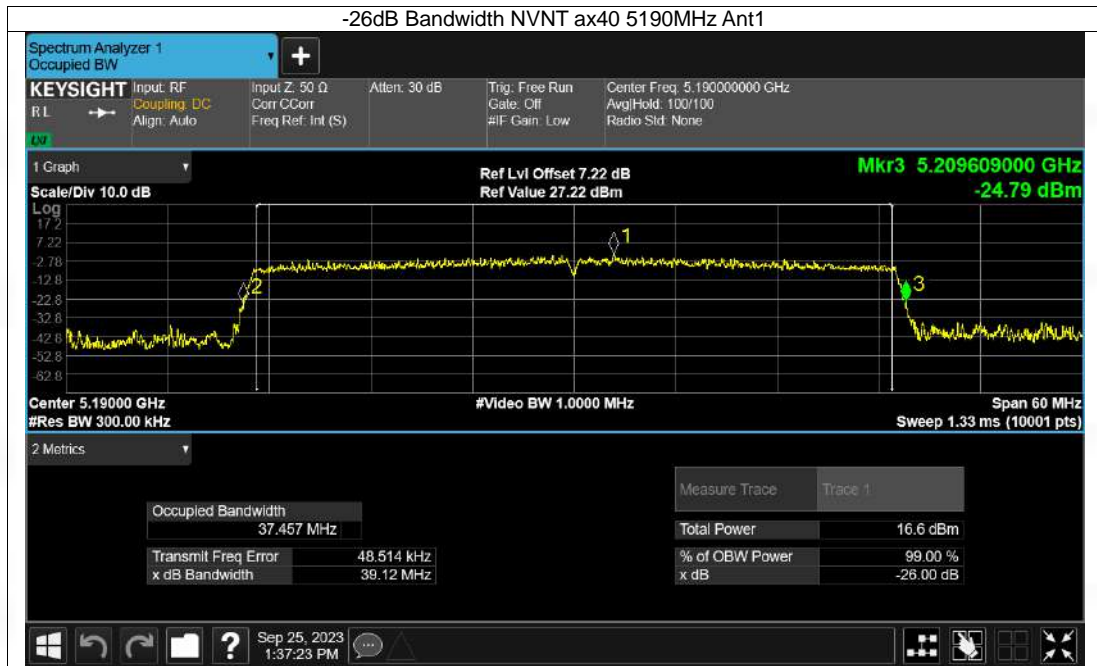


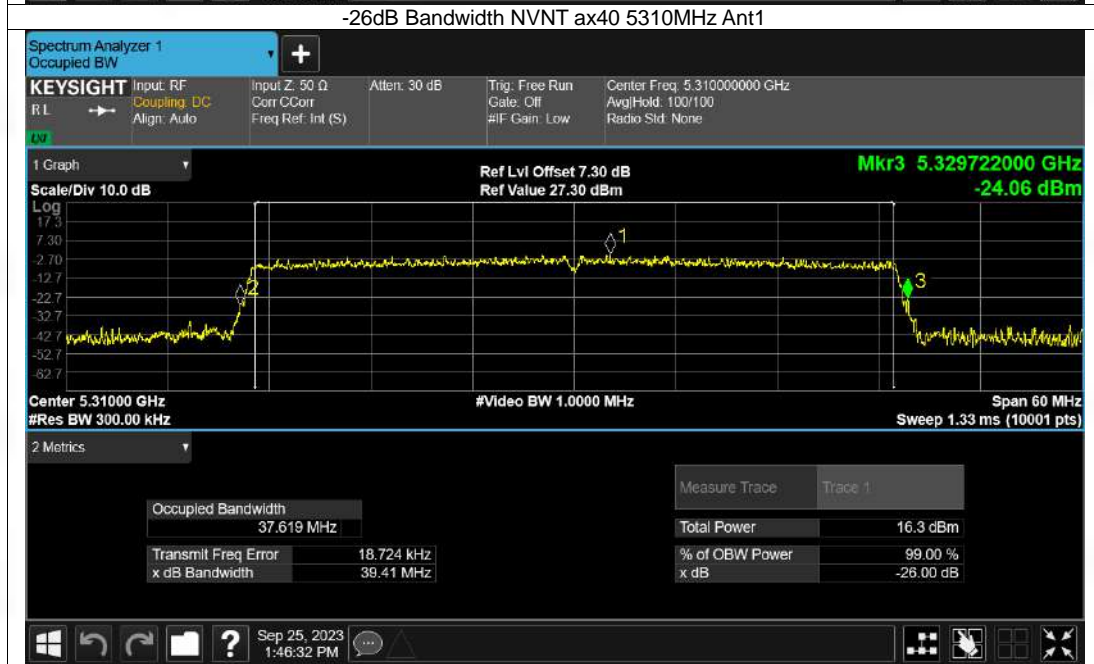
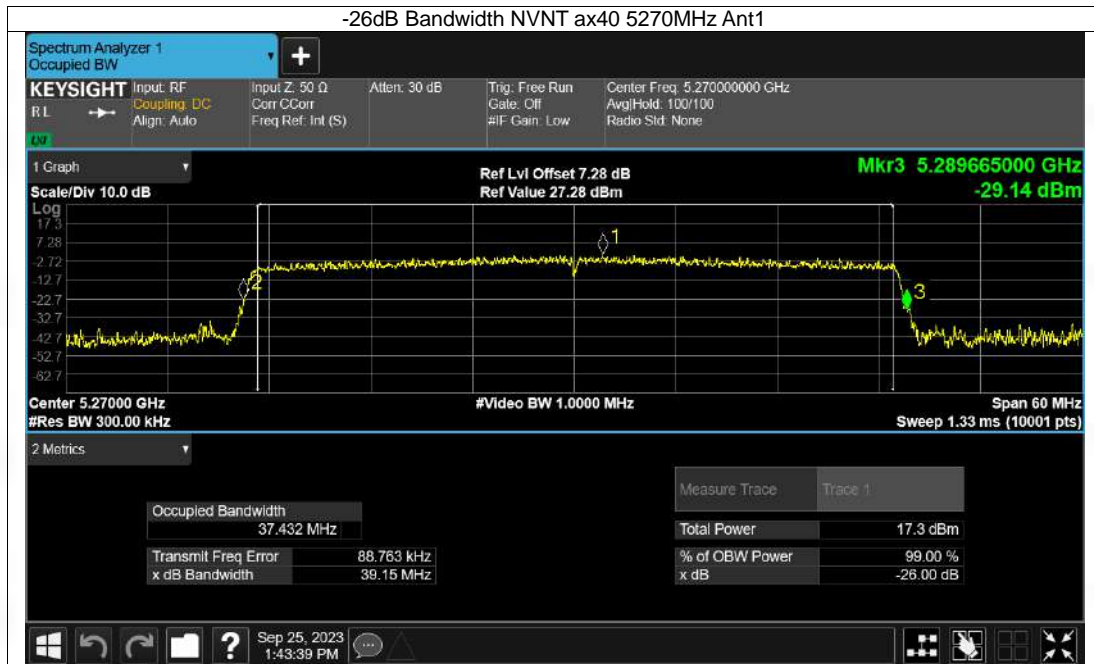


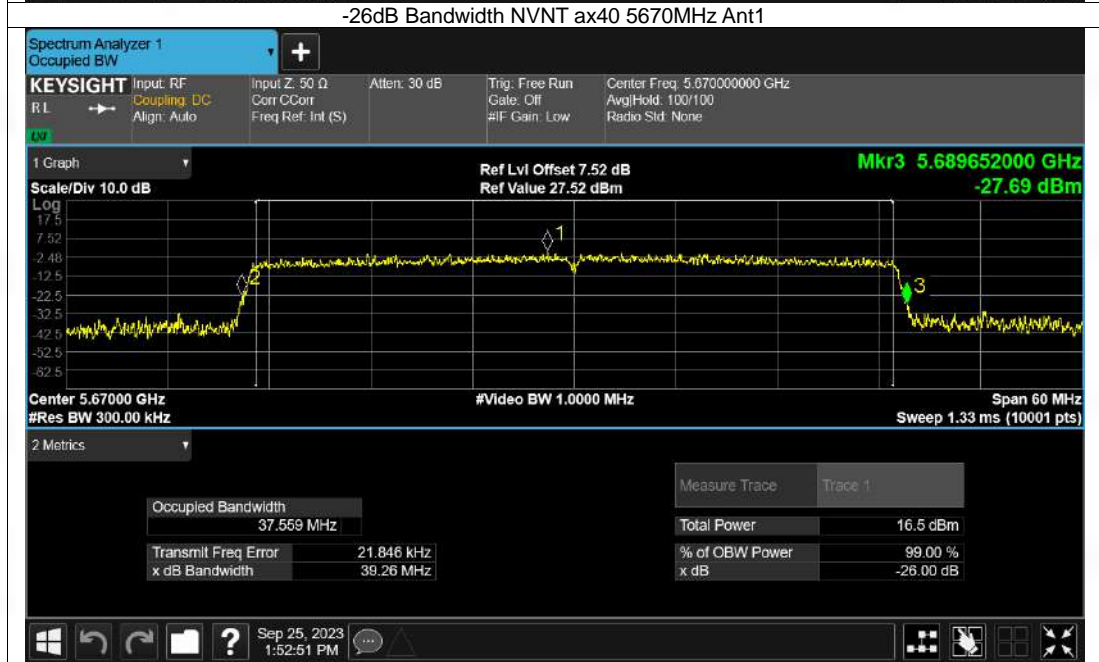
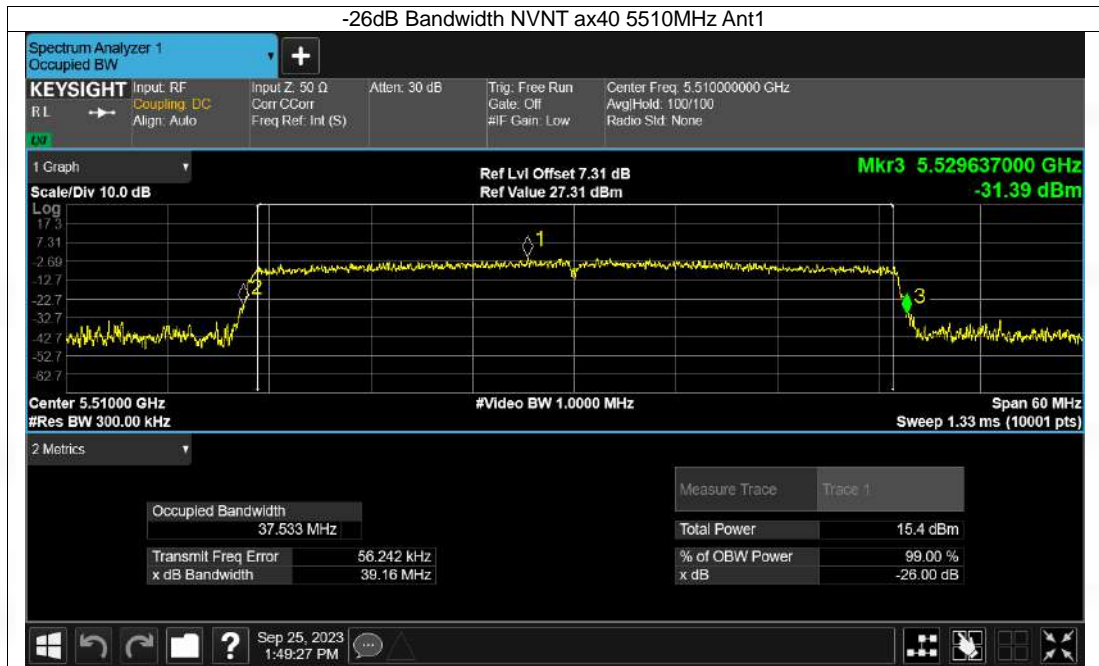


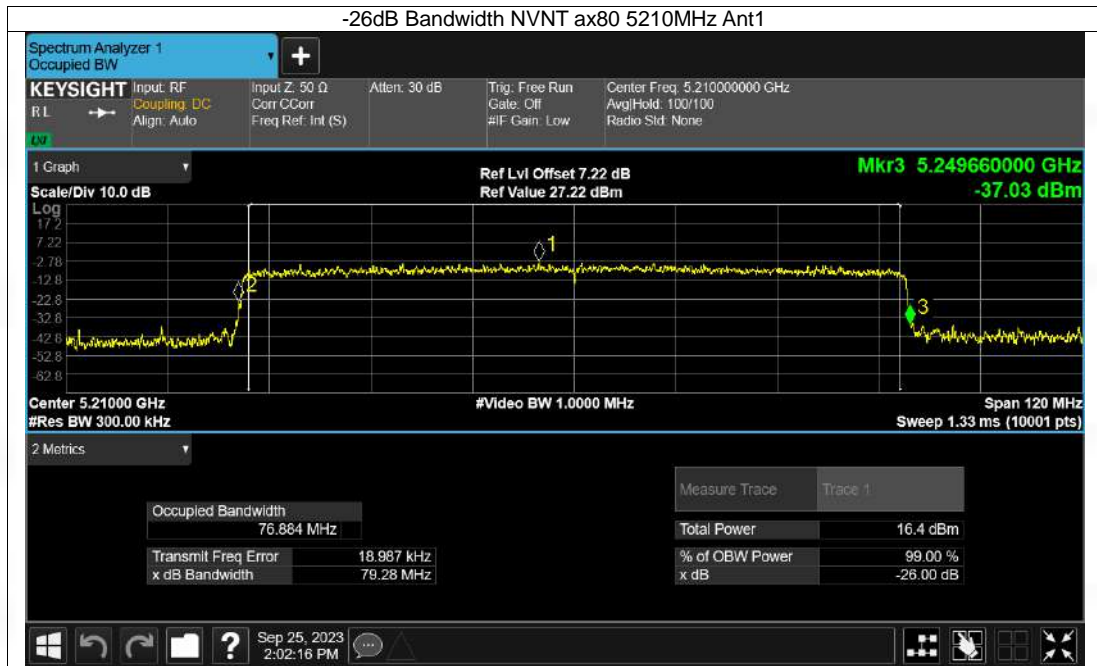


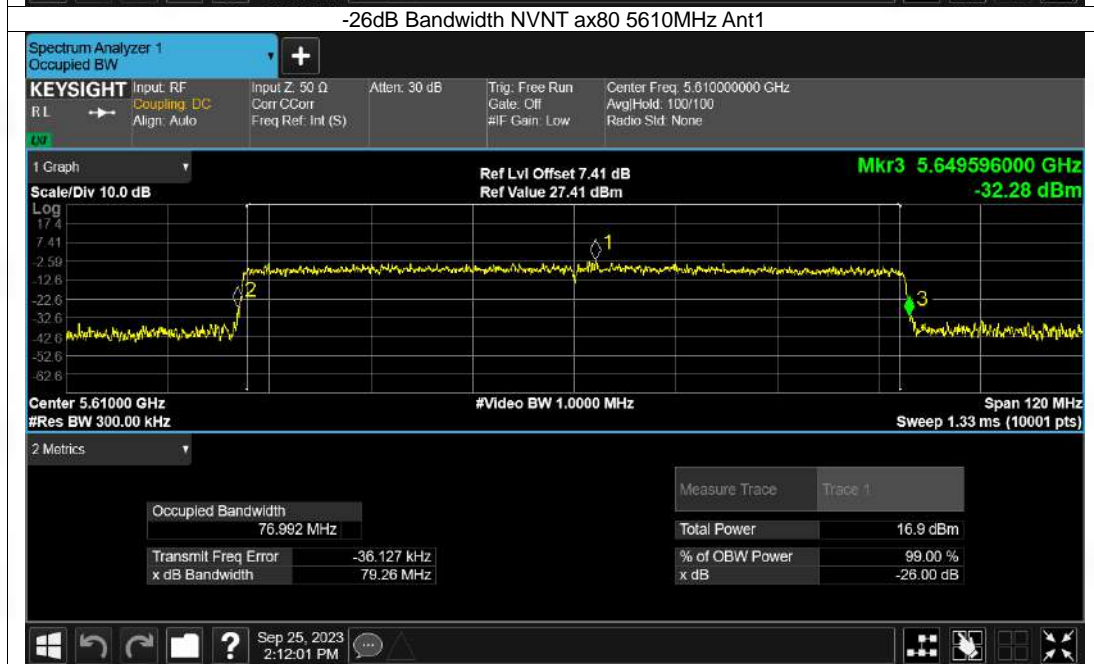
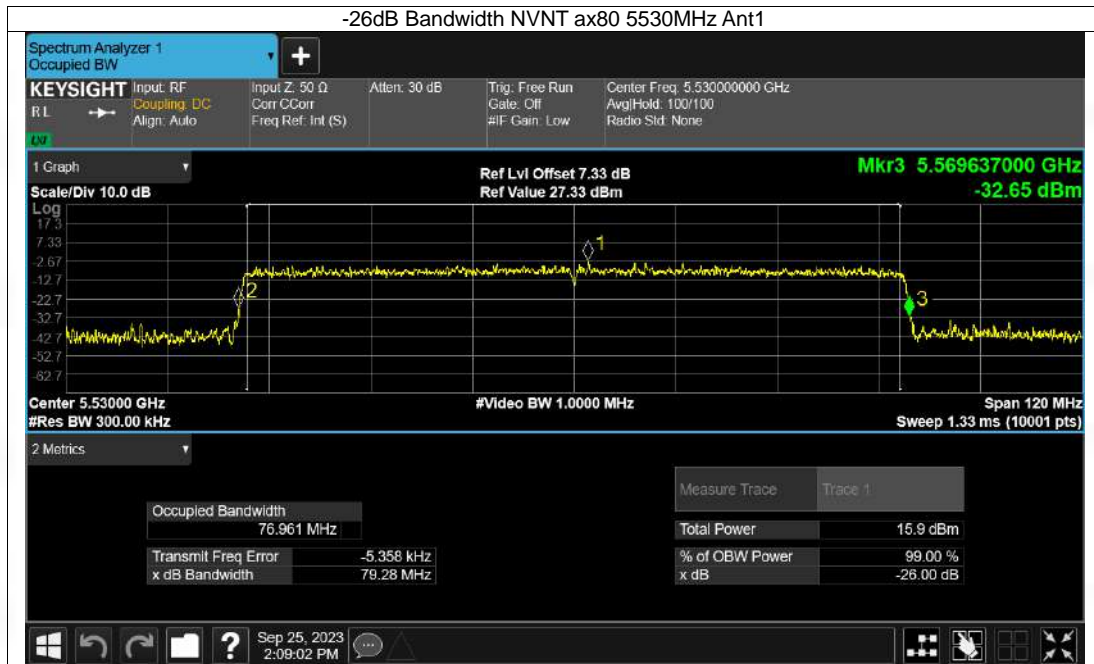












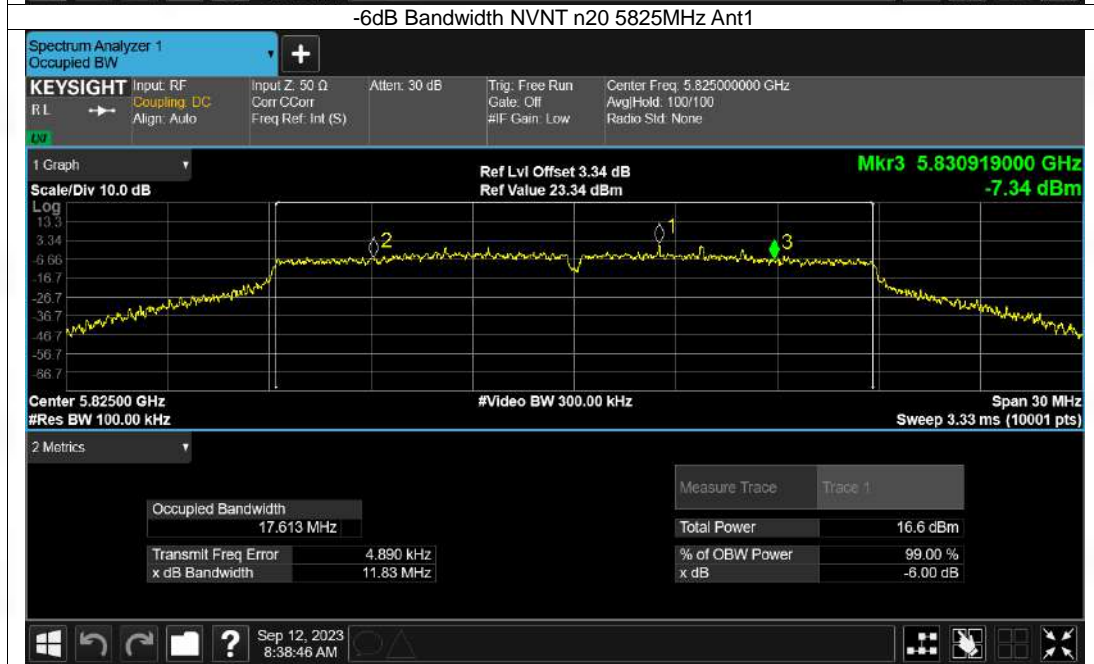
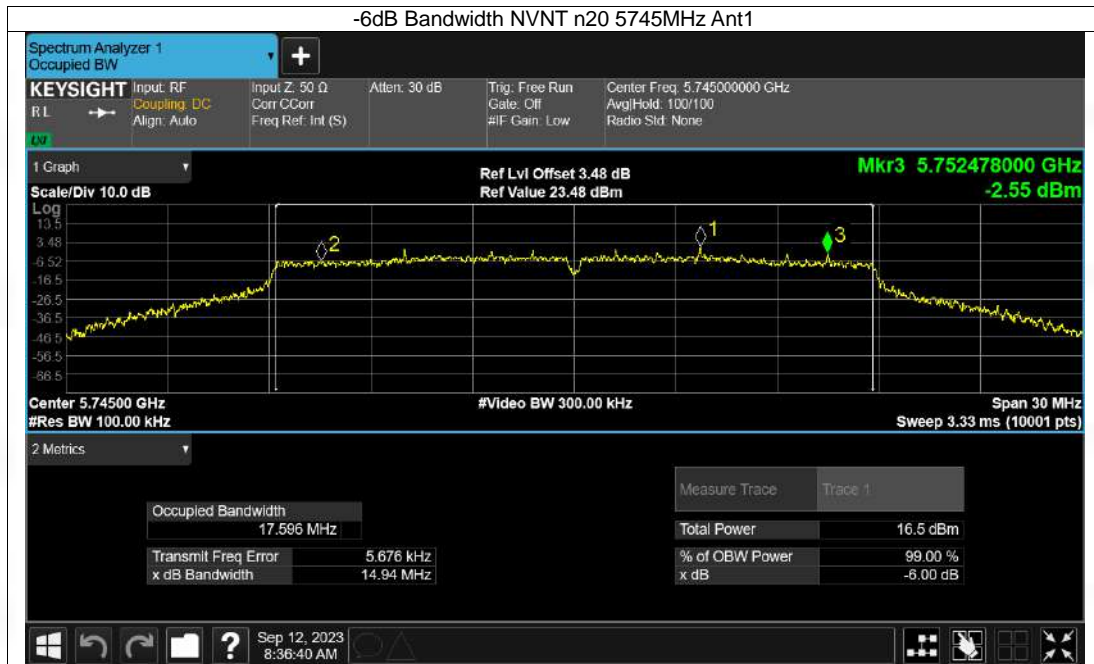
Test Graphs

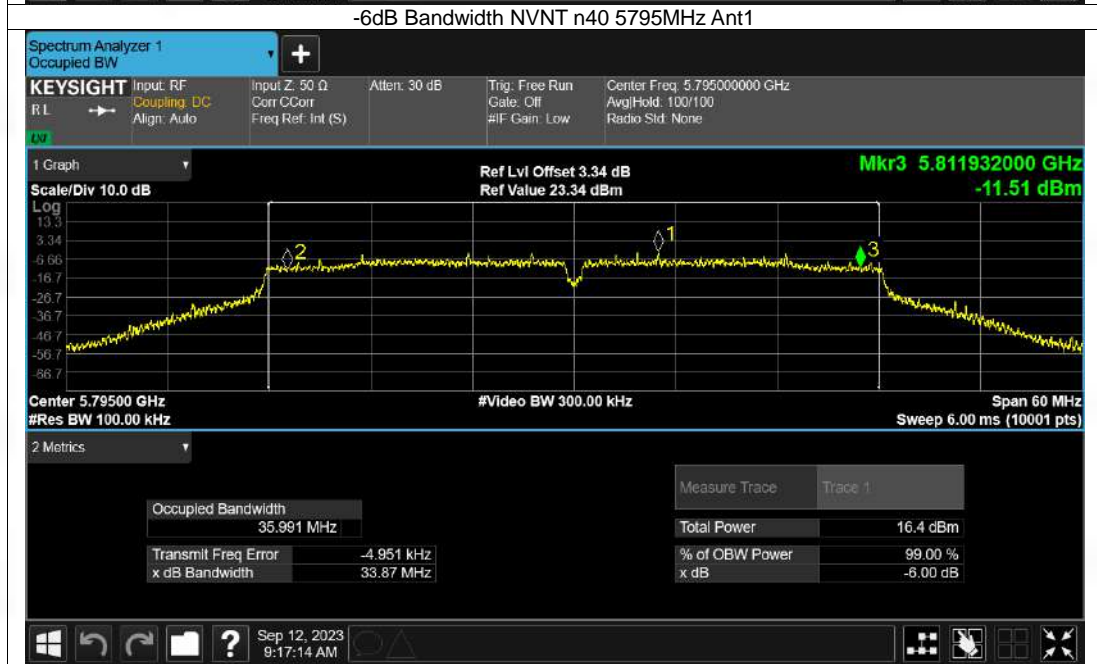
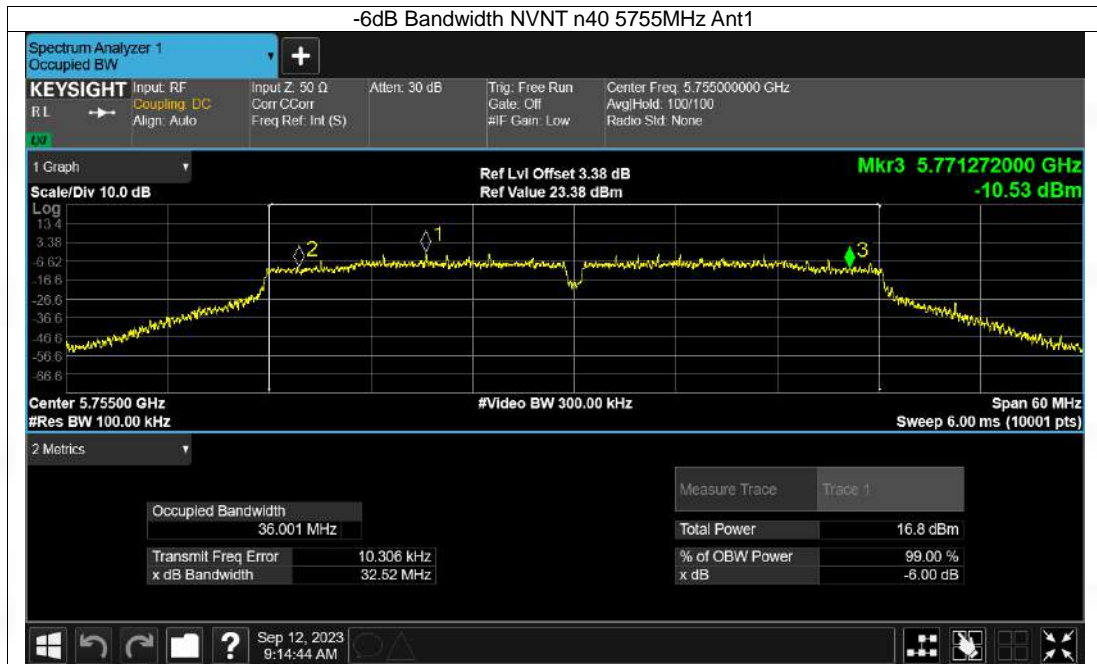
-6dB Bandwidth NVNT a 5745MHz Ant1

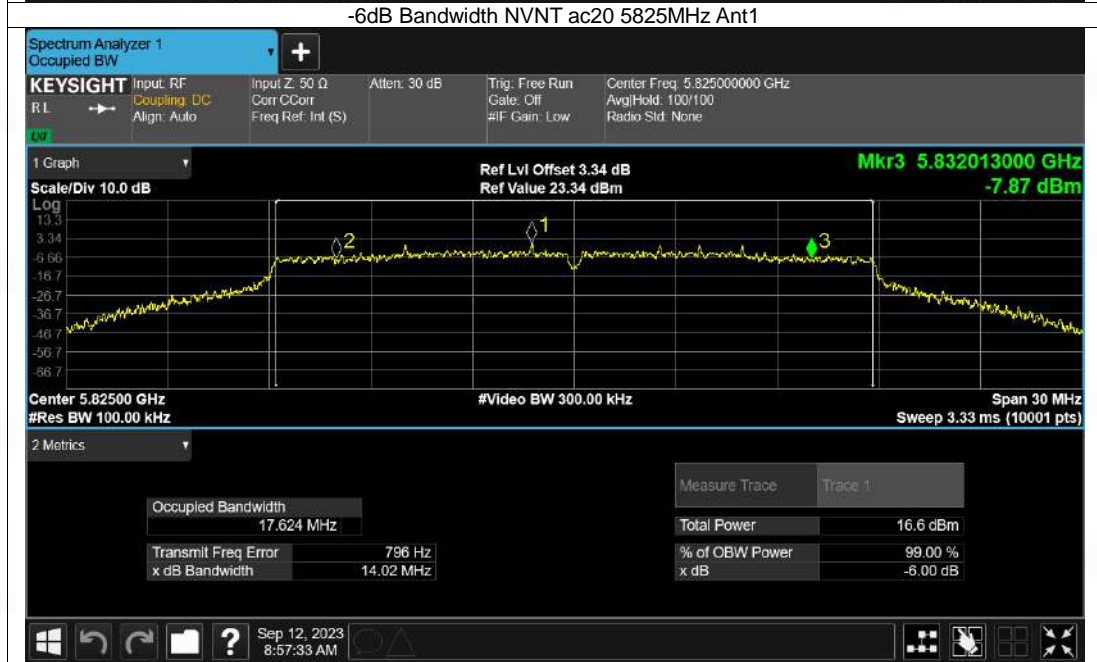
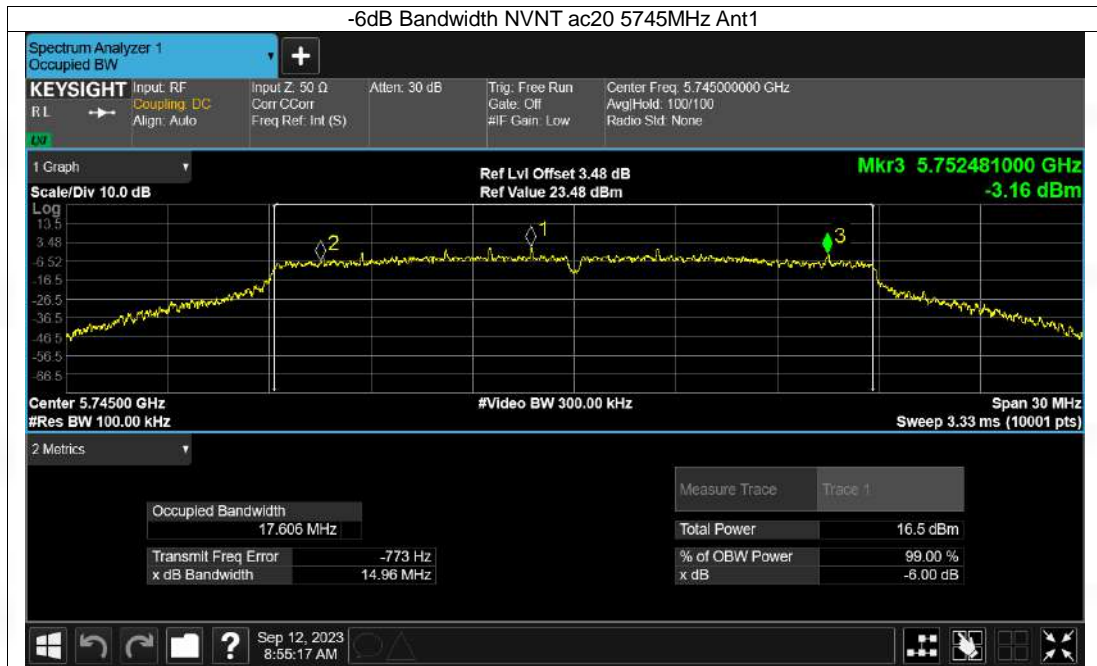


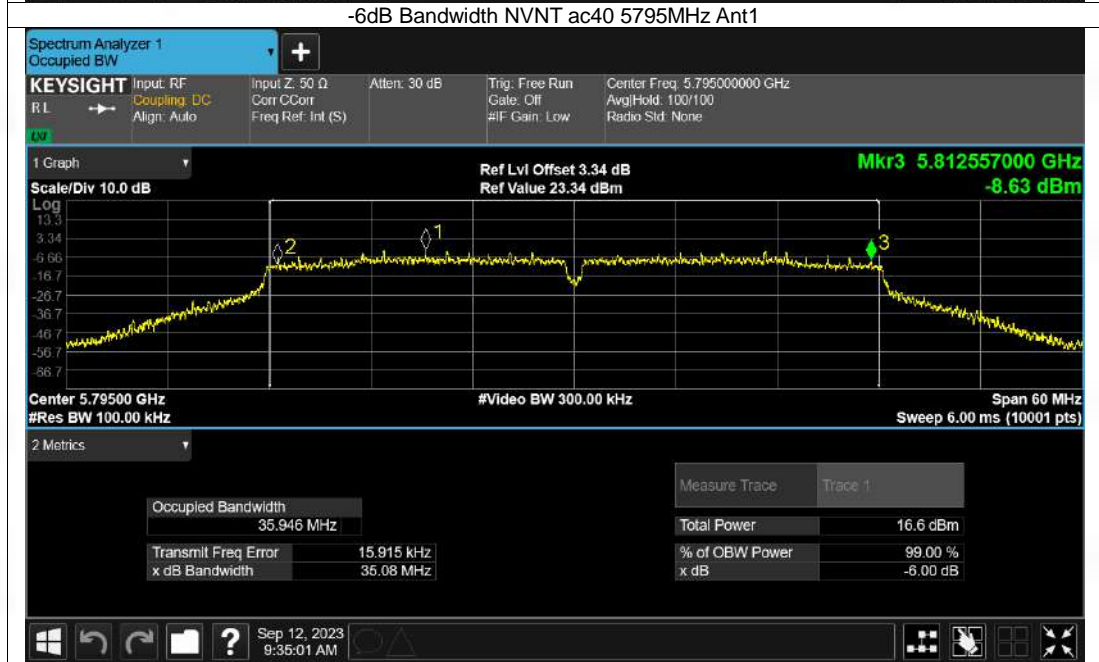
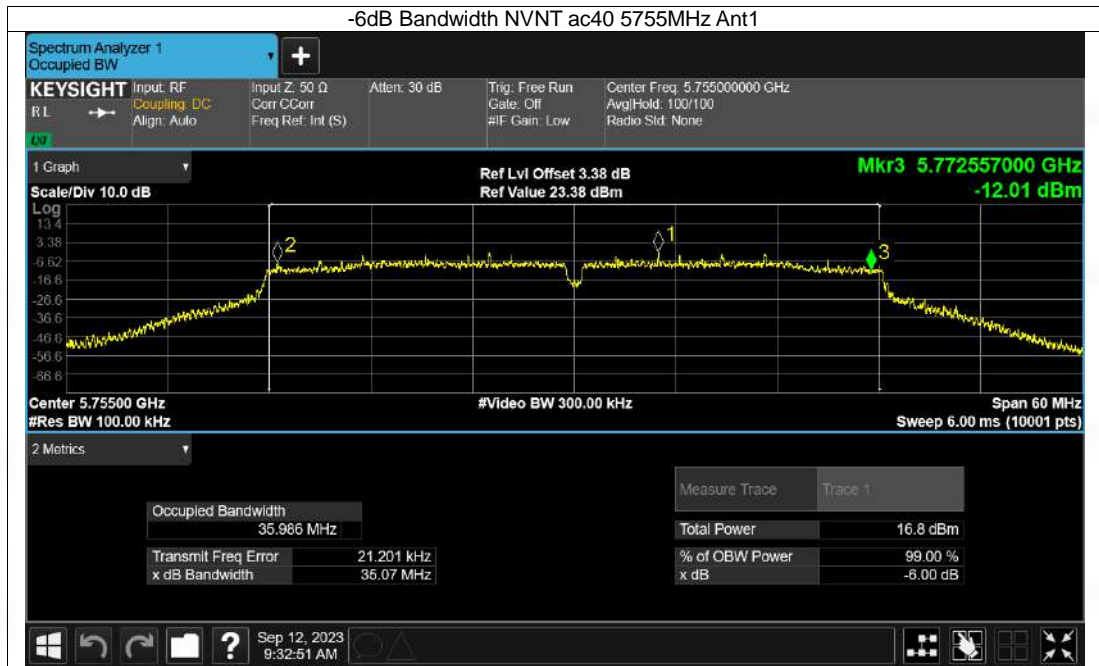
-6dB Bandwidth NVNT a 5825MHz Ant1

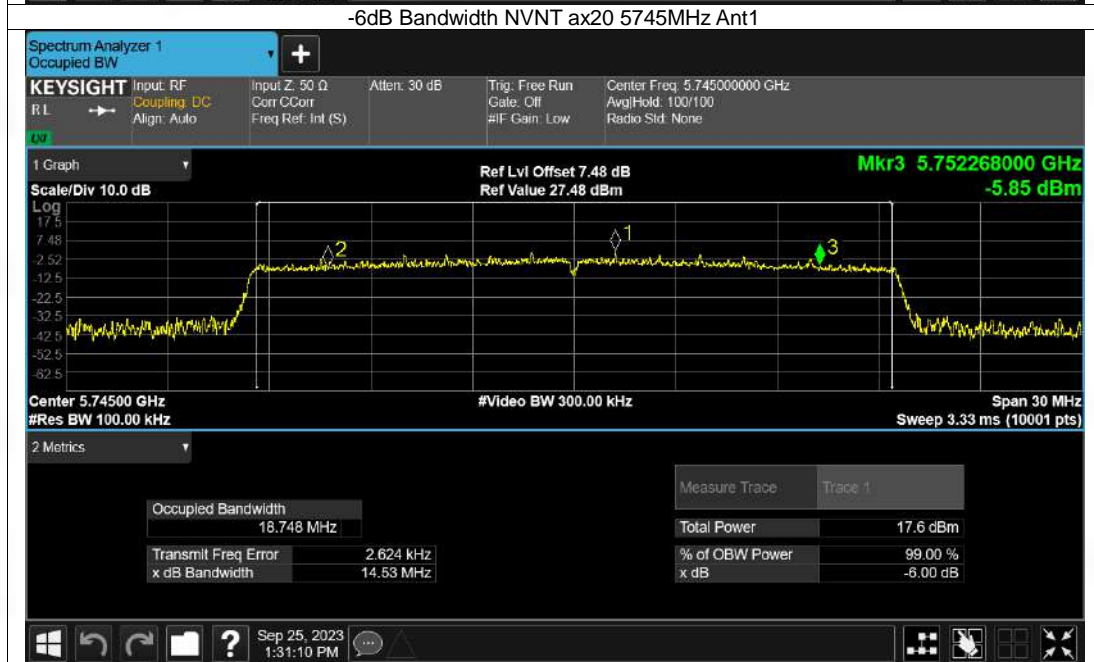
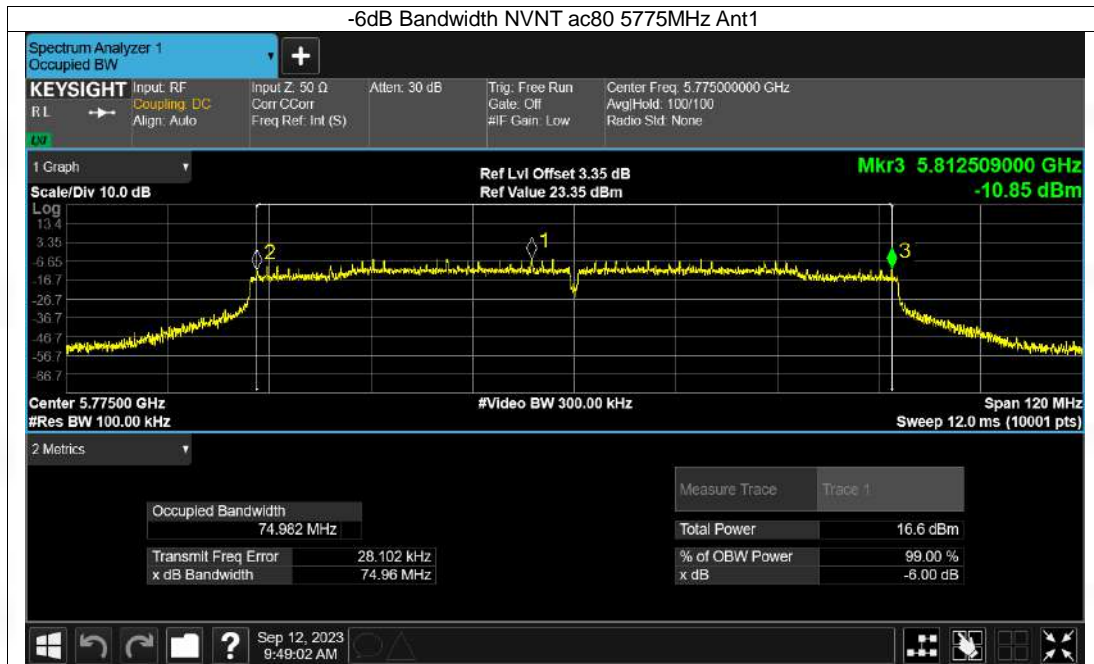


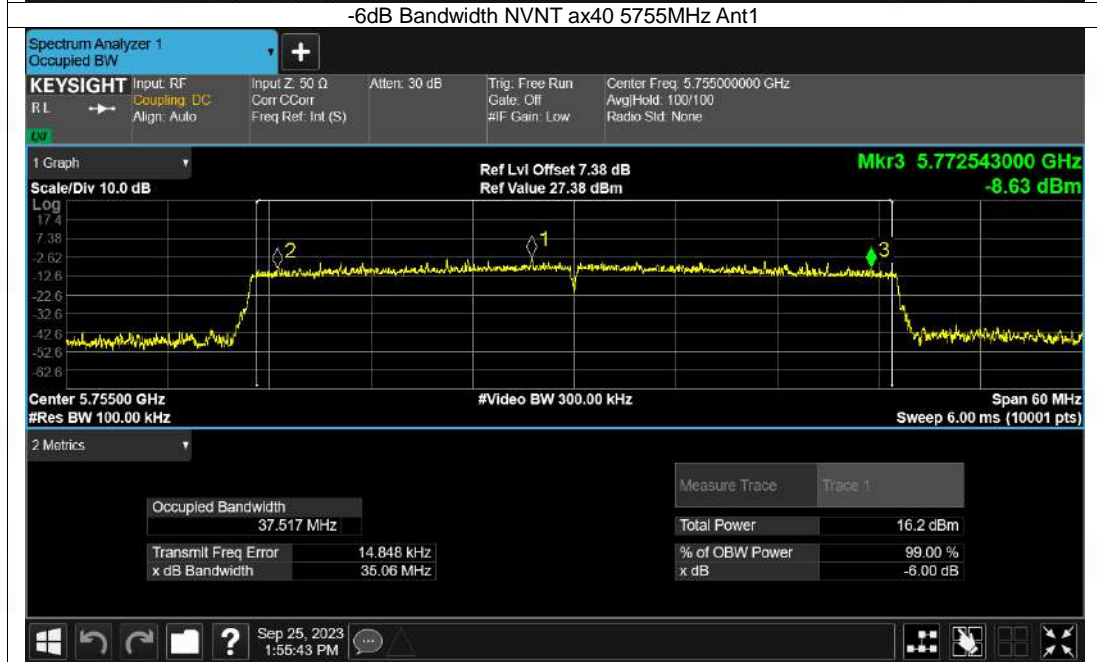
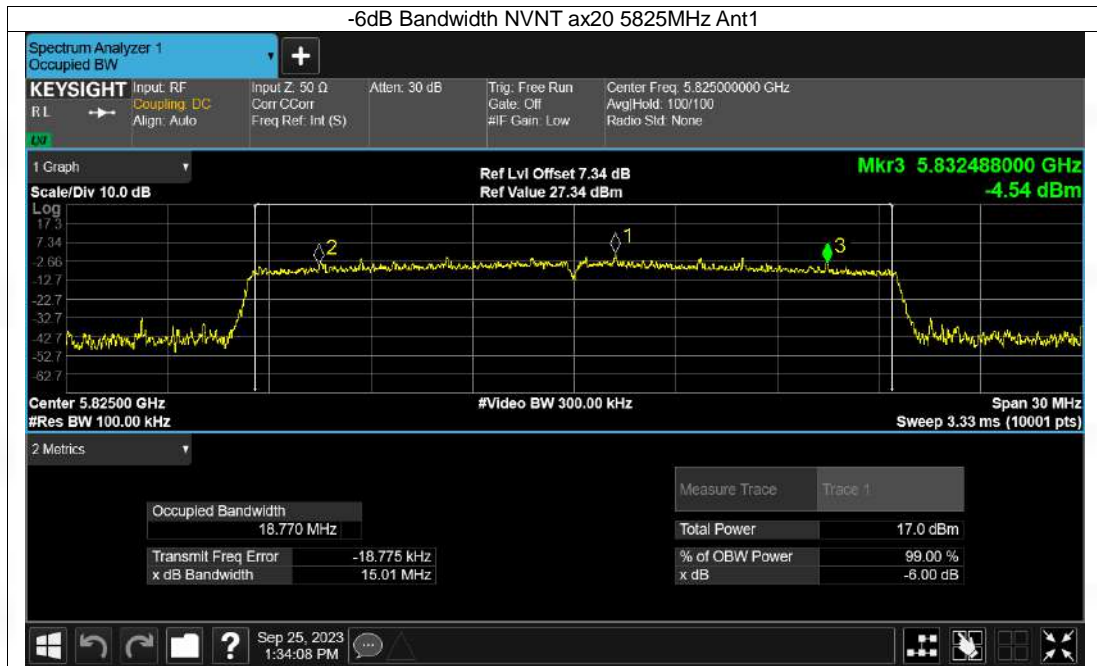


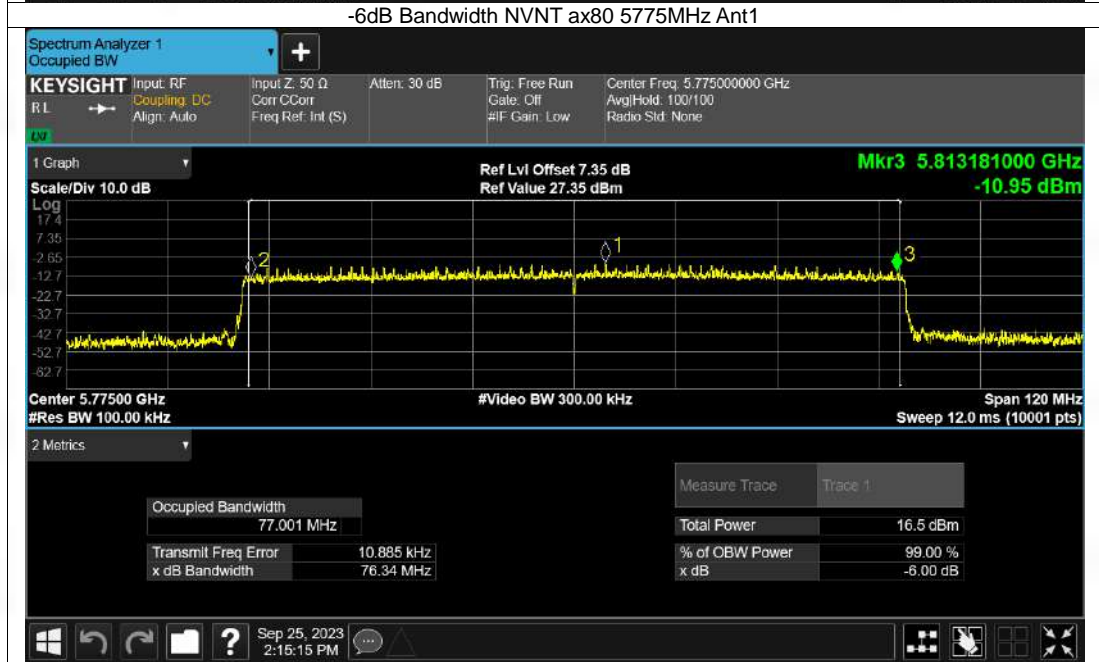
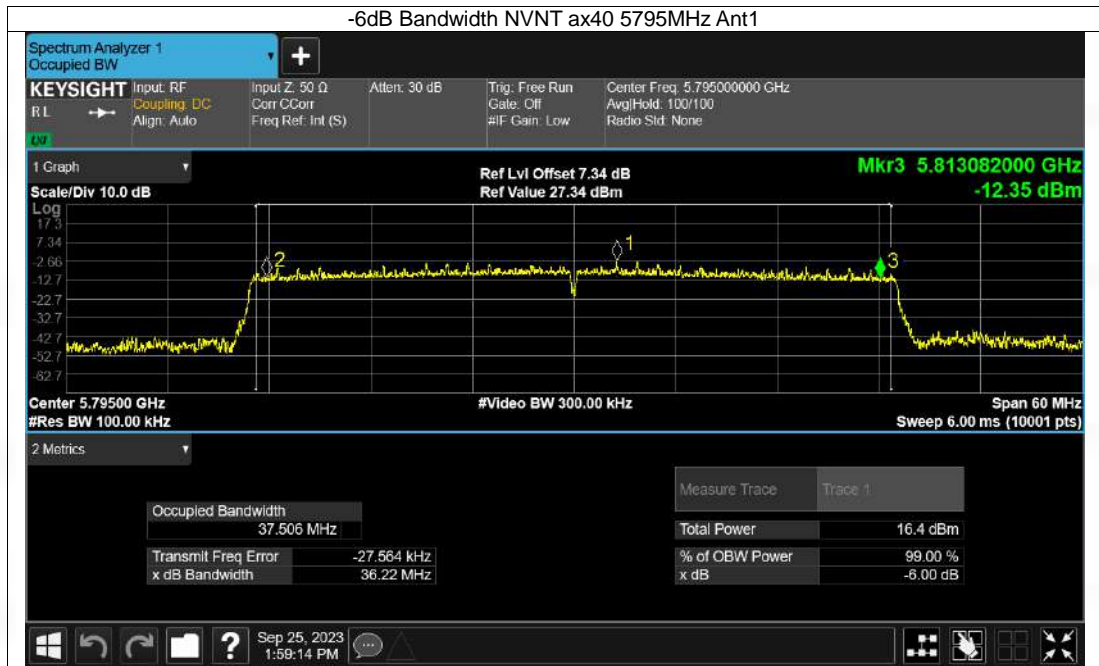












2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	11.49	24	Pass
a	5240	Ant1	10.97	24	Pass
a	5260	Ant1	11.26	24	Pass
a	5320	Ant1	11.05	24	Pass
a	5500	Ant1	11.79	24	Pass
a	5700	Ant1	11.94	24	Pass
a	5745	Ant1	10.46	30	Pass
a	5825	Ant1	10.39	30	Pass
n20	5180	Ant1	11.2	24	Pass
n20	5240	Ant1	11.33	24	Pass
n20	5260	Ant1	11.19	24	Pass
n20	5320	Ant1	11.16	24	Pass
n20	5500	Ant1	11.51	24	Pass
n20	5700	Ant1	12.51	24	Pass
n20	5745	Ant1	10.27	30	Pass
n20	5825	Ant1	10.31	30	Pass
n40	5190	Ant1	11.91	24	Pass
n40	5230	Ant1	11.92	24	Pass
n40	5270	Ant1	12.49	24	Pass
n40	5310	Ant1	11.42	24	Pass
n40	5510	Ant1	10.42	24	Pass
n40	5670	Ant1	13.88	24	Pass
n40	5755	Ant1	10.54	30	Pass
n40	5795	Ant1	10.03	30	Pass
ac20	5180	Ant1	11.43	24	Pass
ac20	5240	Ant1	11.09	24	Pass
ac20	5260	Ant1	11.27	24	Pass
ac20	5320	Ant1	10.99	24	Pass
ac20	5500	Ant1	11.56	24	Pass
ac20	5700	Ant1	12.65	24	Pass
ac20	5745	Ant1	10.44	30	Pass
ac20	5825	Ant1	10.3	30	Pass
ac40	5190	Ant1	12.21	24	Pass
ac40	5230	Ant1	11.98	24	Pass
ac40	5270	Ant1	12.51	24	Pass
ac40	5310	Ant1	11.41	24	Pass
ac40	5510	Ant1	10.51	24	Pass
ac40	5670	Ant1	14.07	24	Pass
ac40	5755	Ant1	10.44	30	Pass
ac40	5795	Ant1	9.83	30	Pass
ac80	5210	Ant1	12.17	24	Pass
ac80	5290	Ant1	10.87	24	Pass
ac80	5530	Ant1	13.15	24	Pass
ac80	5610	Ant1	13.97	24	Pass
ac80	5775	Ant1	9.92	30	Pass
ax160	5250	Ant1	7.33	24	Pass
ax160	5570	Ant1	9.77	24	Pass
ax20	5180	Ant1	9.09	24	Pass
ax20	5240	Ant1	10.11	24	Pass
ax20	5260	Ant1	9.89	24	Pass
ax20	5320	Ant1	9.45	24	Pass
ax20	5500	Ant1	9.24	24	Pass
ax20	5700	Ant1	10.68	24	Pass
ax20	5745	Ant1	11.03	30	Pass
ax20	5825	Ant1	9.78	30	Pass
ax40	5190	Ant1	7.79	24	Pass
ax40	5230	Ant1	8.21	24	Pass
ax40	5270	Ant1	7.9	24	Pass
ax40	5310	Ant1	7.81	24	Pass
ax40	5510	Ant1	6.61	24	Pass
ax40	5670	Ant1	7.95	24	Pass

ax40	5755	Ant1	8.89	30	Pass
ax40	5795	Ant1	8.23	30	Pass
ax80	5210	Ant1	6.04	24	Pass
ax80	5290	Ant1	6.43	24	Pass
ax80	5530	Ant1	5.32	24	Pass
ax80	5610	Ant1	6.66	24	Pass
ax80	5775	Ant1	7.56	30	Pass

Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant2	12.47	24	Pass
a	5240	Ant2	12.13	24	Pass
a	5260	Ant2	12.24	24	Pass
a	5320	Ant2	12.21	24	Pass
a	5500	Ant2	12.6	24	Pass
a	5700	Ant2	13.65	24	Pass
a	5745	Ant2	11.42	30	Pass
a	5825	Ant2	11.24	30	Pass
n20	5180	Ant2	11.4	24	Pass
n20	5240	Ant2	11.36	24	Pass
n20	5260	Ant2	11.23	24	Pass
n20	5320	Ant2	11.1	24	Pass
n20	5500	Ant2	11.38	24	Pass
n20	5700	Ant2	12.56	24	Pass
n20	5745	Ant2	10.51	30	Pass
n20	5825	Ant2	10.28	30	Pass
n40	5190	Ant2	11.93	24	Pass
n40	5230	Ant2	11.9	24	Pass
n40	5270	Ant2	12.35	24	Pass
n40	5310	Ant2	11.27	24	Pass
n40	5510	Ant2	10.37	24	Pass
n40	5670	Ant2	13.86	24	Pass
n40	5755	Ant2	10.18	30	Pass
n40	5795	Ant2	9.84	30	Pass
ac20	5180	Ant2	11.73	24	Pass
ac20	5240	Ant2	11.04	24	Pass
ac20	5260	Ant2	11.16	24	Pass
ac20	5320	Ant2	11.19	24	Pass
ac20	5500	Ant2	11.41	24	Pass
ac20	5700	Ant2	12.37	24	Pass
ac20	5745	Ant2	10.49	30	Pass
ac20	5825	Ant2	10.22	30	Pass
ac40	5190	Ant2	12.14	24	Pass
ac40	5230	Ant2	11.8	24	Pass
ac40	5270	Ant2	12.43	24	Pass
ac40	5310	Ant2	11.19	24	Pass
ac40	5510	Ant2	10.53	24	Pass
ac40	5670	Ant2	14.31	24	Pass
ac40	5755	Ant2	10.31	30	Pass
ac40	5795	Ant2	9.87	30	Pass
ac80	5210	Ant2	12.13	24	Pass
ac80	5290	Ant2	10.89	24	Pass
ac80	5530	Ant2	13.25	24	Pass
ac80	5610	Ant2	13.98	24	Pass
ac80	5775	Ant2	9.77	30	Pass
ax160	5250	Ant2	7.54	24	Pass
ax160	5570	Ant2	9.81	24	Pass
ax20	5180	Ant2	9.71	24	Pass
ax20	5240	Ant2	10.54	24	Pass
ax20	5260	Ant2	9.94	24	Pass
ax20	5320	Ant2	9.44	24	Pass
ax20	5500	Ant2	9.38	24	Pass
ax20	5700	Ant2	11.29	24	Pass
ax20	5745	Ant2	11.27	30	Pass
ax20	5825	Ant2	10.15	30	Pass
ax40	5190	Ant2	8.39	24	Pass
ax40	5230	Ant2	9	24	Pass
ax40	5270	Ant2	9.3	24	Pass
ax40	5310	Ant2	8.2	24	Pass
ax40	5510	Ant2	7.64	24	Pass
ax40	5670	Ant2	9.19	24	Pass

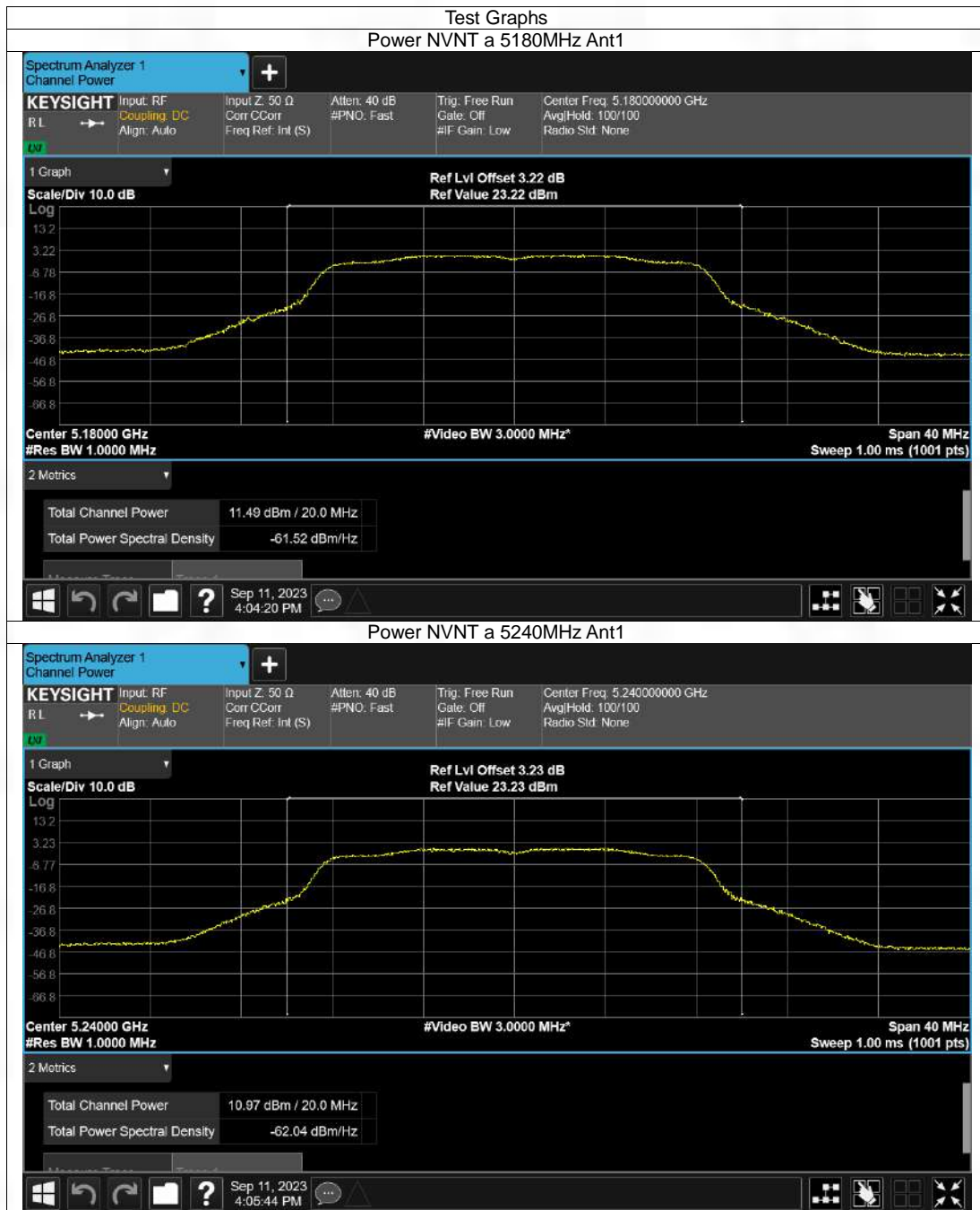
ax40	5755	Ant2	8.95	30	Pass
ax40	5795	Ant2	9.45	30	Pass
ax80	5210	Ant2	7.16	24	Pass
ax80	5290	Ant2	7.62	24	Pass
ax80	5530	Ant2	6.92	24	Pass
ax80	5610	Ant2	8.1	24	Pass
ax80	5775	Ant2	7.98	30	Pass

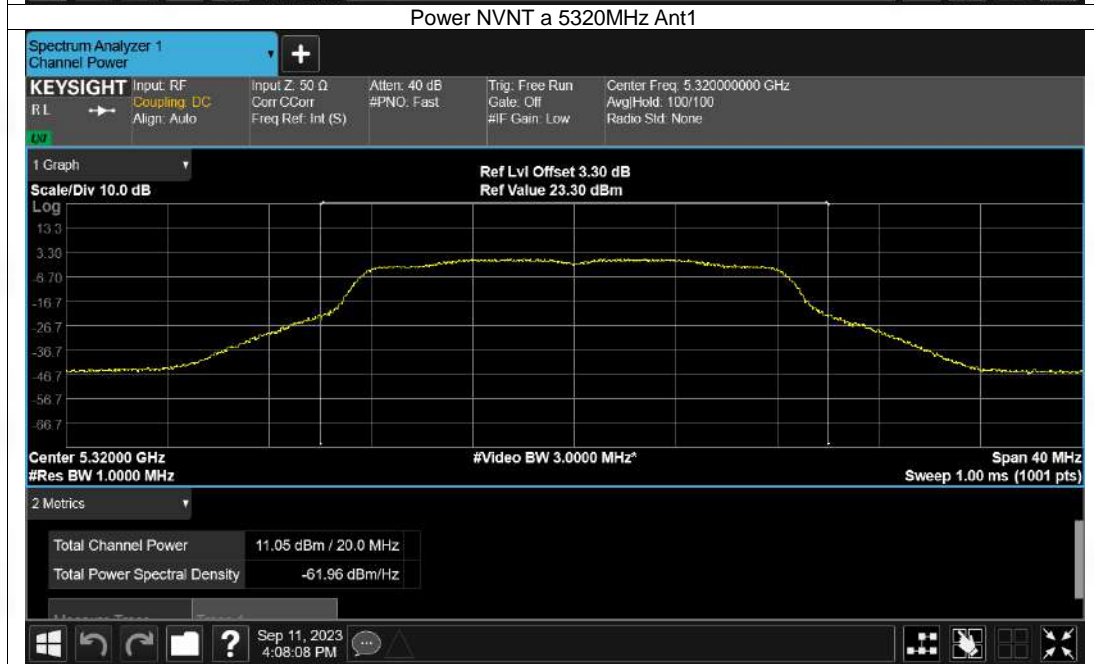
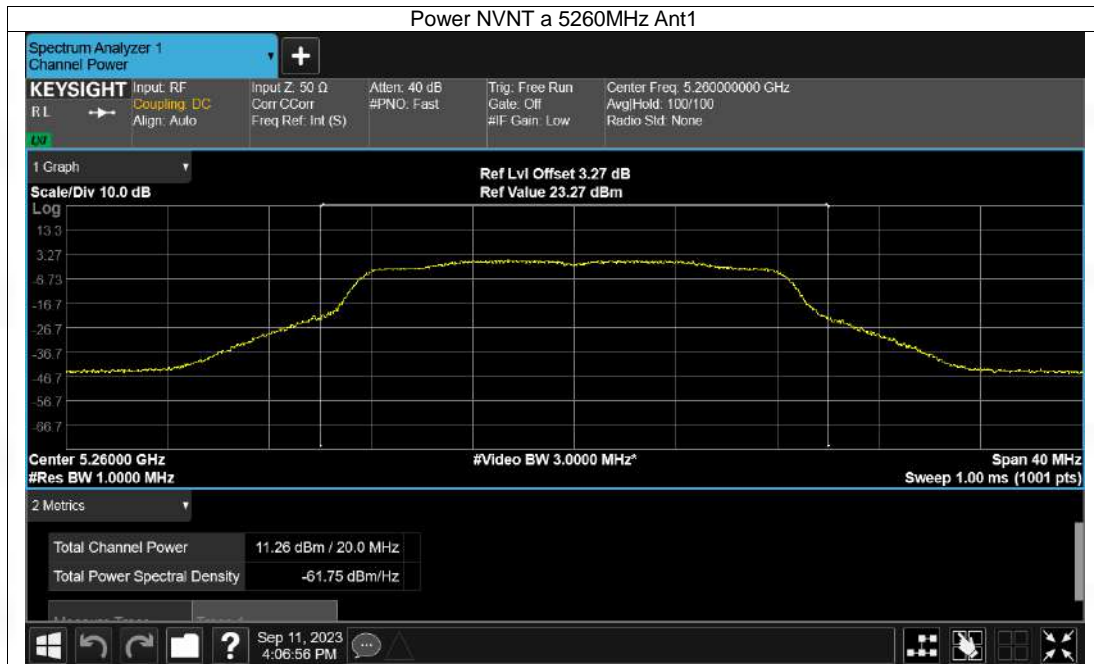
MIMO Mode

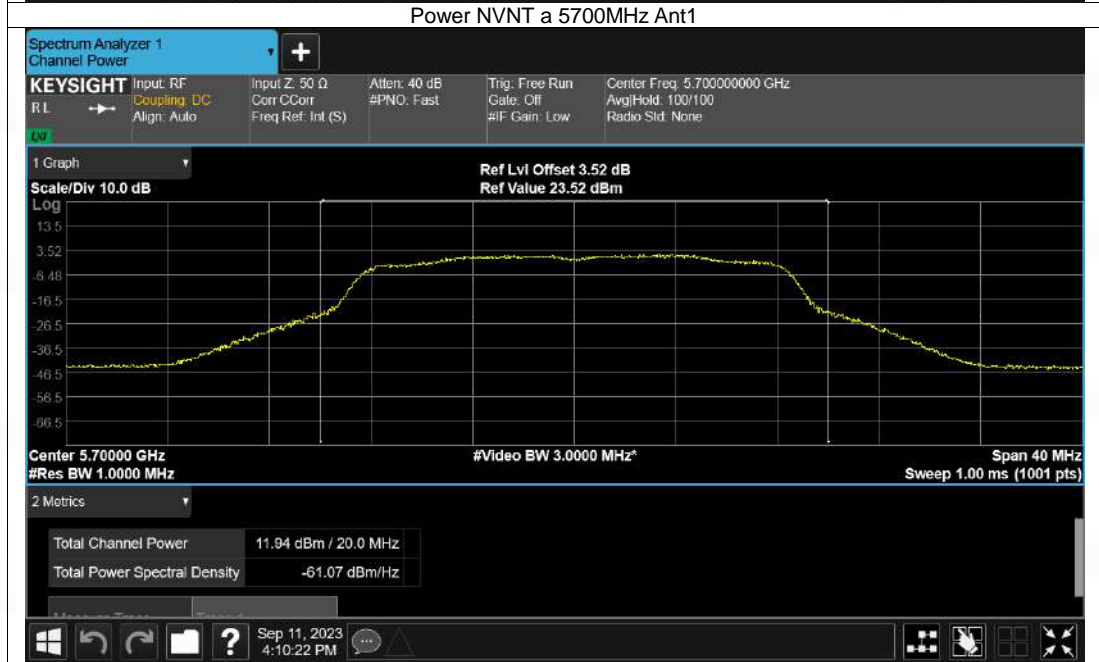
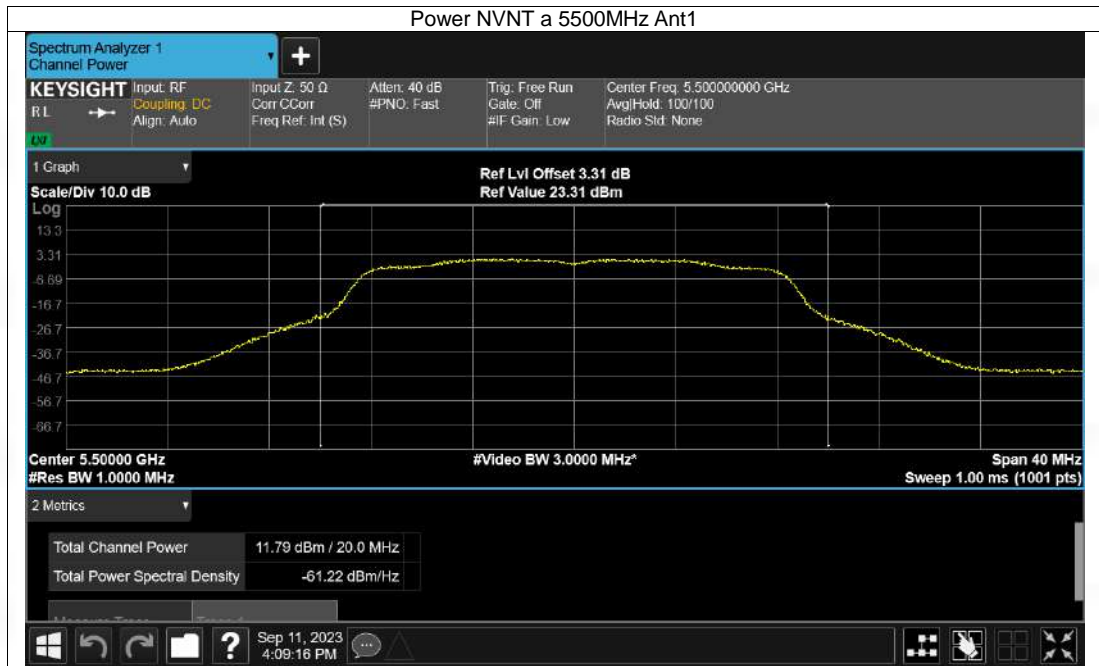
Mode	Frequency (MHz)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	15.02	24	Pass
a	5240	14.60	24	Pass
a	5260	14.79	24	Pass
a	5320	14.68	24	Pass
a	5500	15.22	24	Pass
a	5700	15.89	24	Pass
a	5745	13.98	30	Pass
a	5825	13.85	30	Pass
n20	5180	14.31	24	Pass
n20	5240	14.36	24	Pass
n20	5260	14.22	24	Pass
n20	5320	14.14	24	Pass
n20	5500	14.46	24	Pass
n20	5700	15.55	24	Pass
n20	5745	13.40	30	Pass
n20	5825	13.31	30	Pass
n40	5190	14.93	24	Pass
n40	5230	14.92	24	Pass
n40	5270	15.43	24	Pass
n40	5310	14.36	24	Pass
n40	5510	13.41	24	Pass
n40	5670	16.88	24	Pass
n40	5755	13.37	30	Pass
n40	5795	12.95	30	Pass
ac20	5180	14.59	24	Pass
ac20	5240	14.08	24	Pass
ac20	5260	14.23	24	Pass
ac20	5320	14.10	24	Pass
ac20	5500	14.50	24	Pass
ac20	5700	15.52	24	Pass
ac20	5745	13.48	30	Pass
ac20	5825	13.27	30	Pass
ac40	5190	15.19	24	Pass
ac40	5230	14.90	24	Pass
ac40	5270	15.48	24	Pass
ac40	5310	14.31	24	Pass
ac40	5510	13.53	24	Pass
ac40	5670	17.20	24	Pass
ac40	5755	13.39	30	Pass
ac40	5795	12.86	30	Pass
ac80	5210	15.16	24	Pass
ac80	5290	13.89	24	Pass
ac80	5530	16.21	24	Pass
ac80	5610	16.99	24	Pass
ac80	5775	12.86	30	Pass
ax160	5250	10.45	24	Pass
ax160	5570	12.80	24	Pass
ax20	5180	12.42	24	Pass
ax20	5240	13.34	24	Pass
ax20	5260	12.93	24	Pass
ax20	5320	12.46	24	Pass
ax20	5500	12.32	24	Pass
ax20	5700	14.01	24	Pass
ax20	5745	14.16	30	Pass
ax20	5825	12.98	30	Pass
ax40	5190	11.11	24	Pass
ax40	5230	11.63	24	Pass
ax40	5270	11.67	24	Pass
ax40	5310	11.02	24	Pass
ax40	5510	10.17	24	Pass
ax40	5670	11.62	24	Pass
ax40	5755	11.93	30	Pass
ax40	5795	11.89	30	Pass

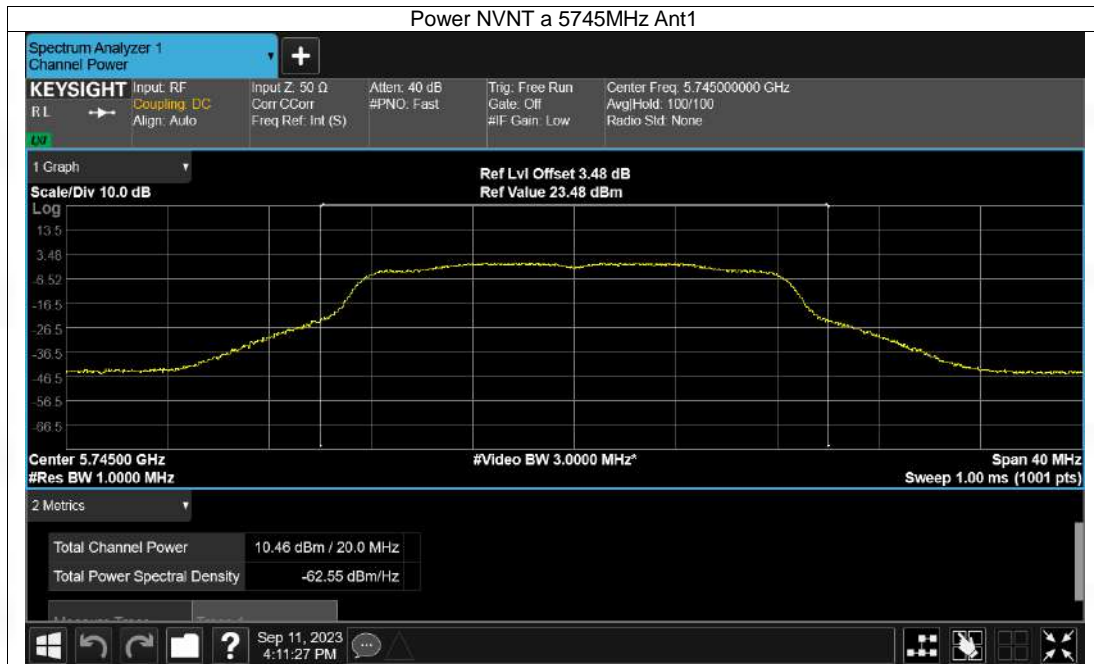
ax80	5210	9.65	24	Pass
ax80	5290	10.08	24	Pass
ax80	5530	9.20	24	Pass
ax80	5610	10.45	24	Pass
ax80	5775	10.79	30	Pass

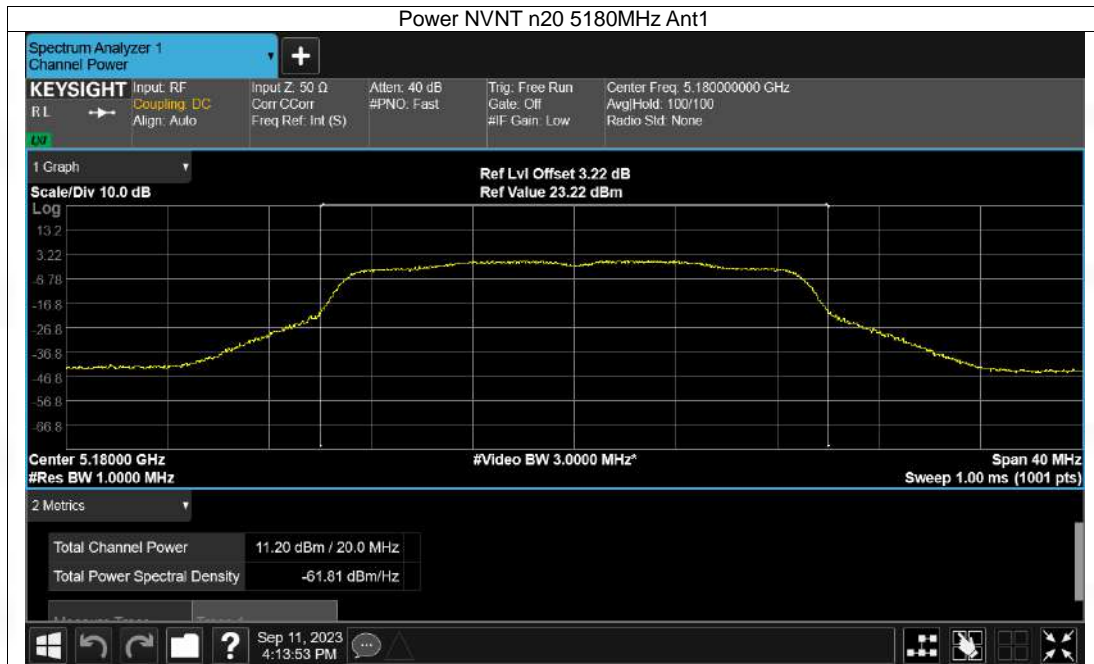
2.1.2 Test Graph

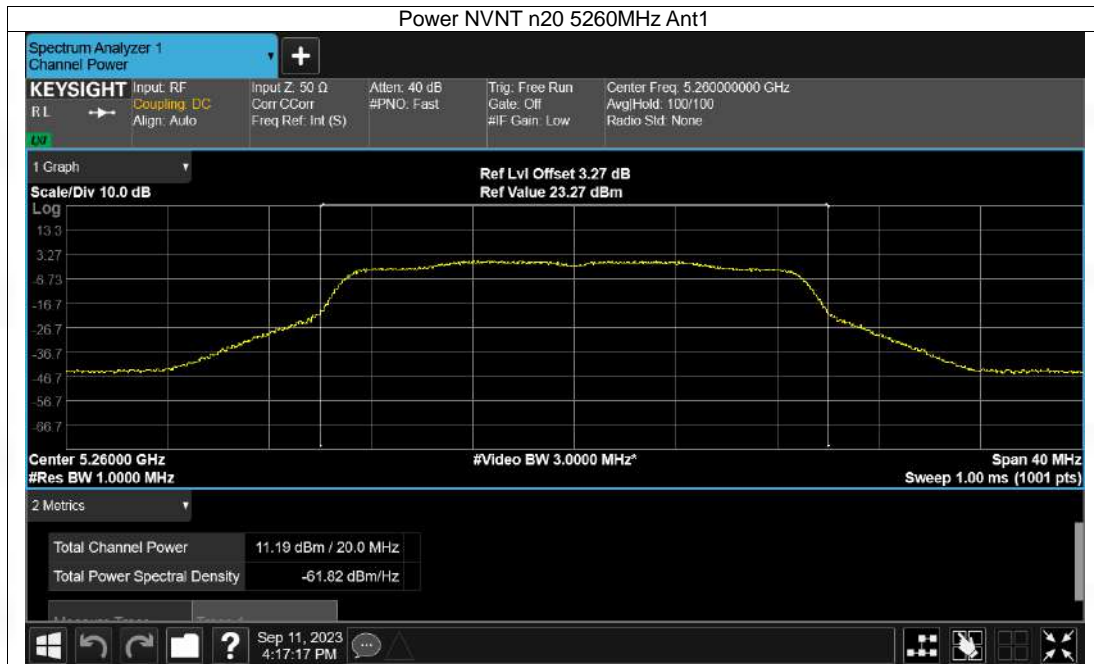


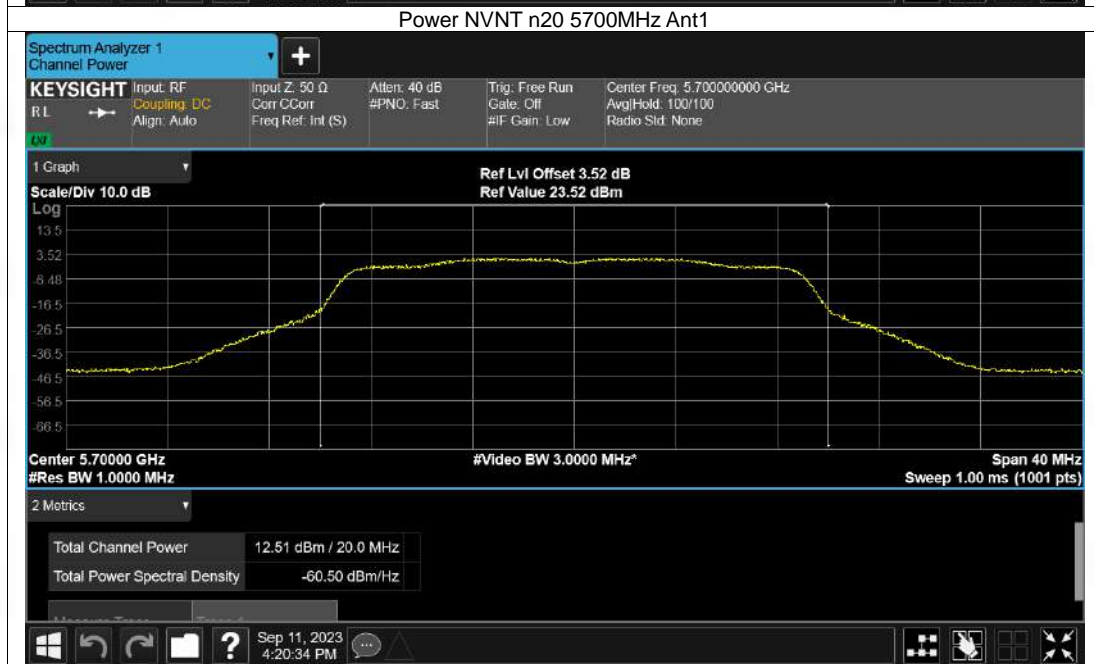
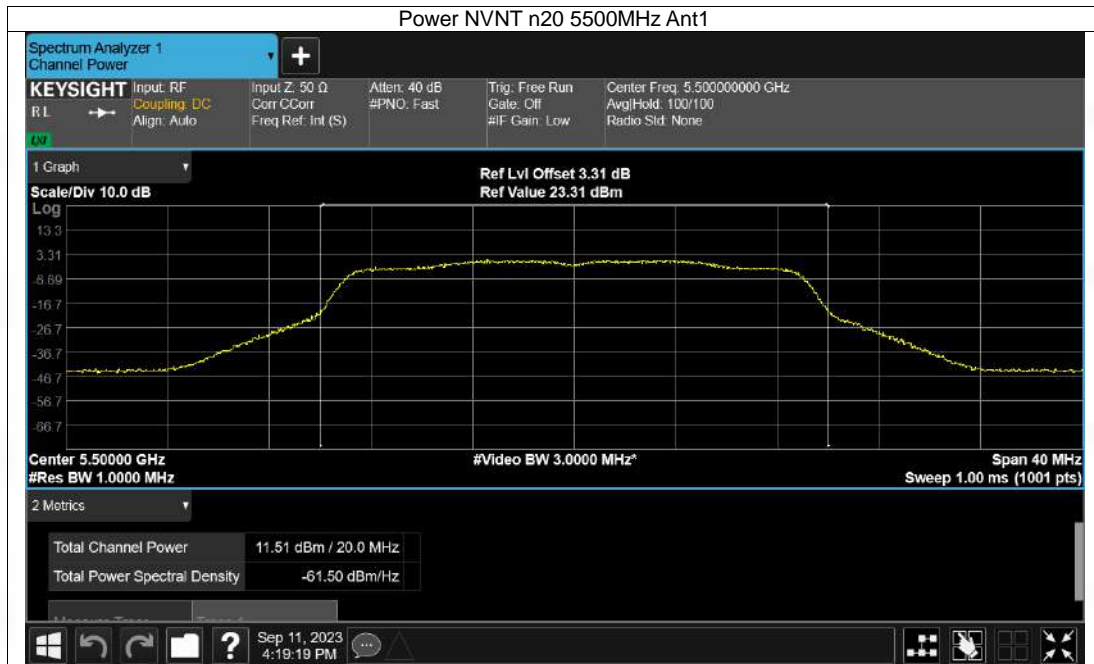


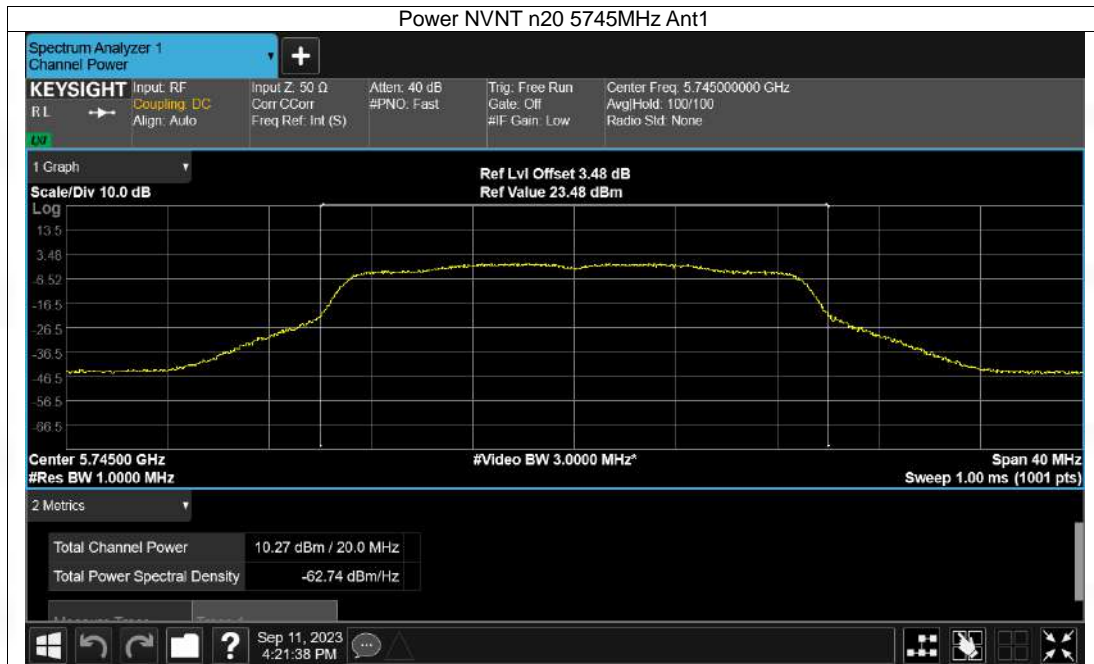


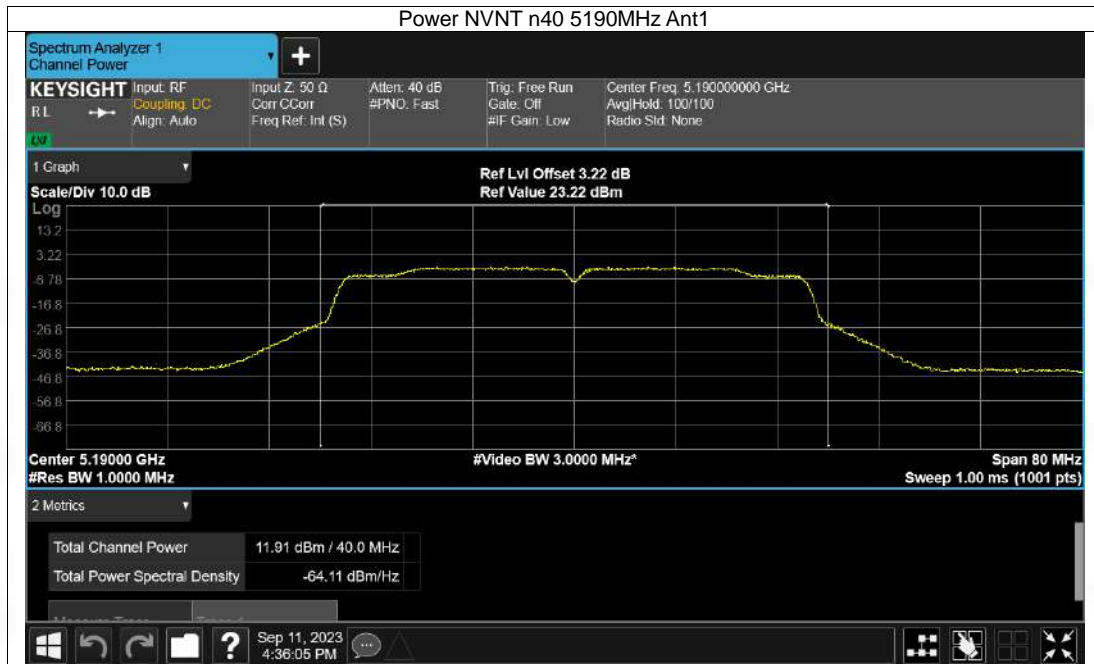


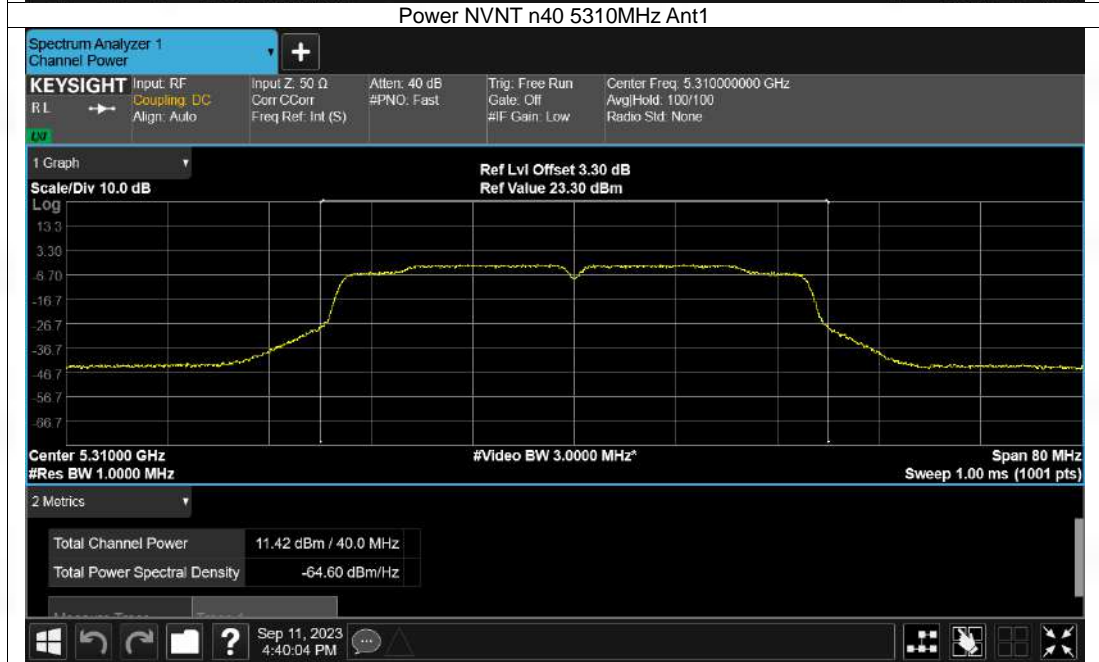
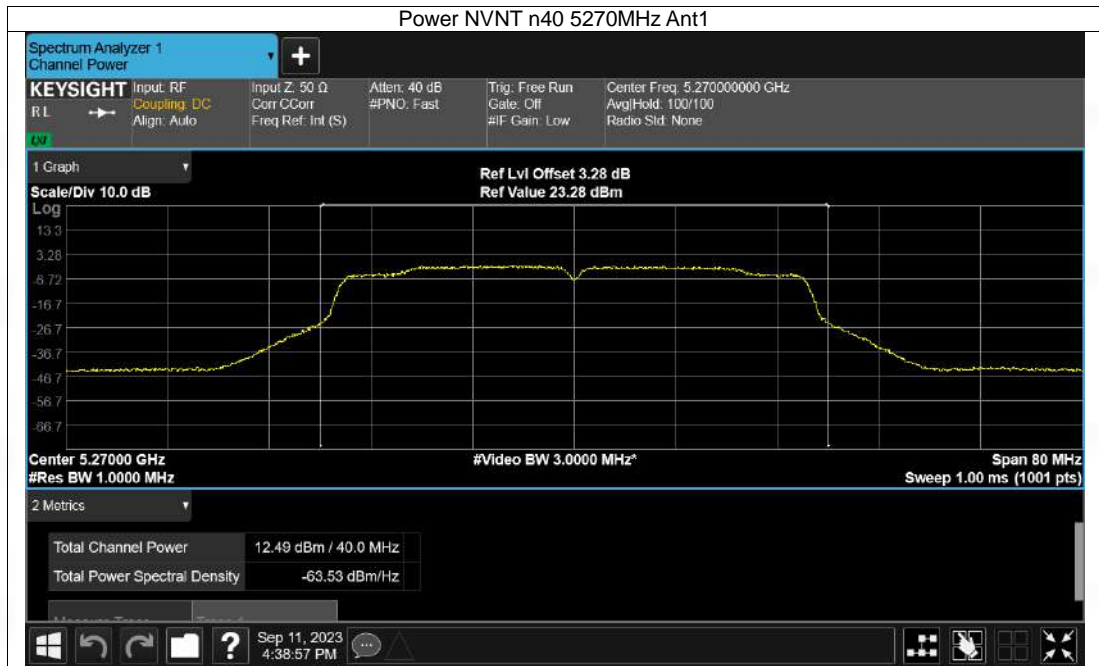


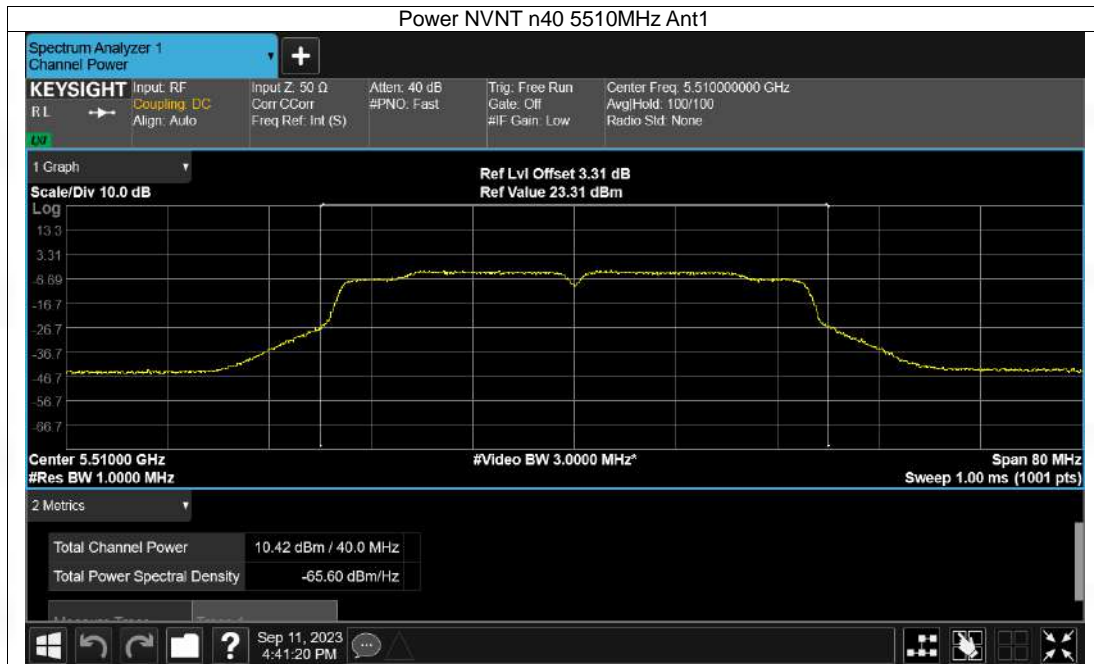


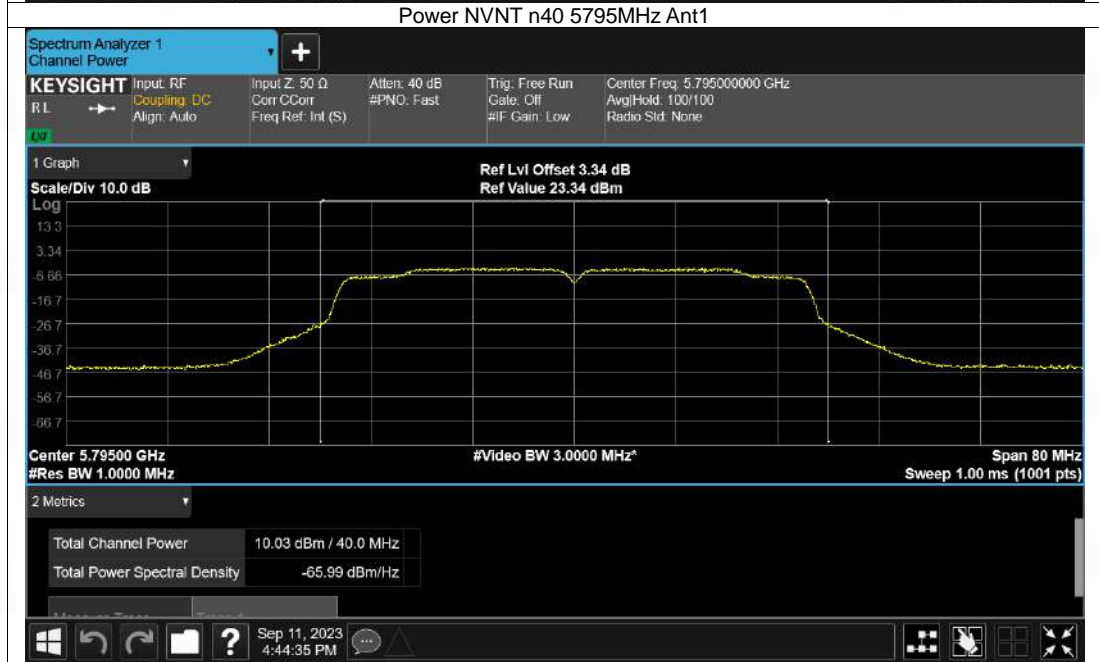
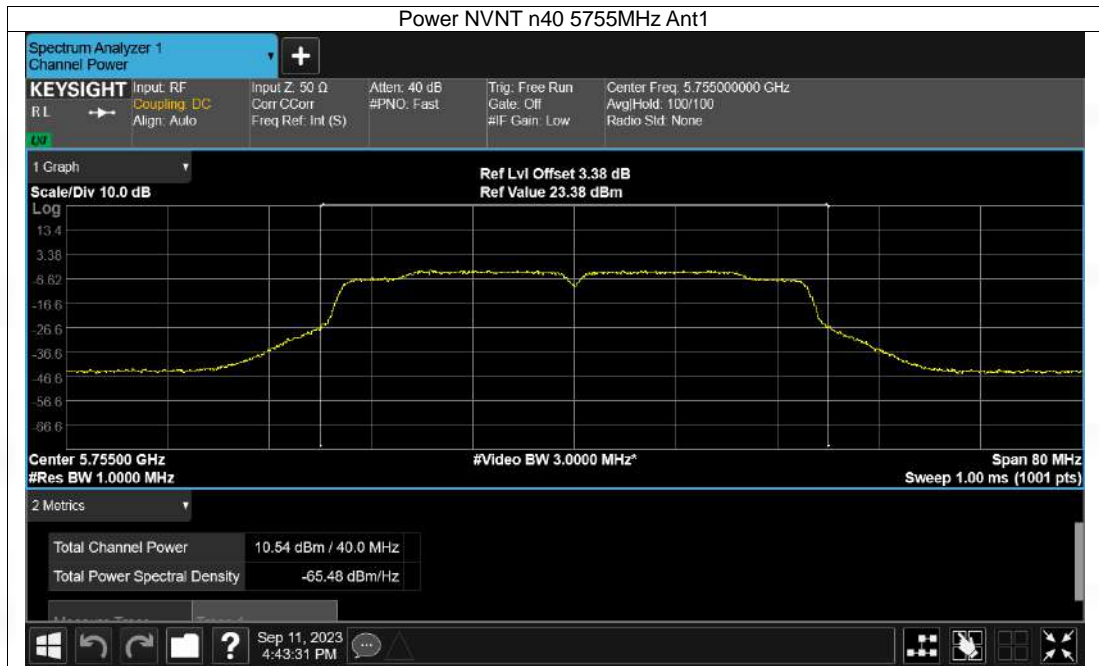


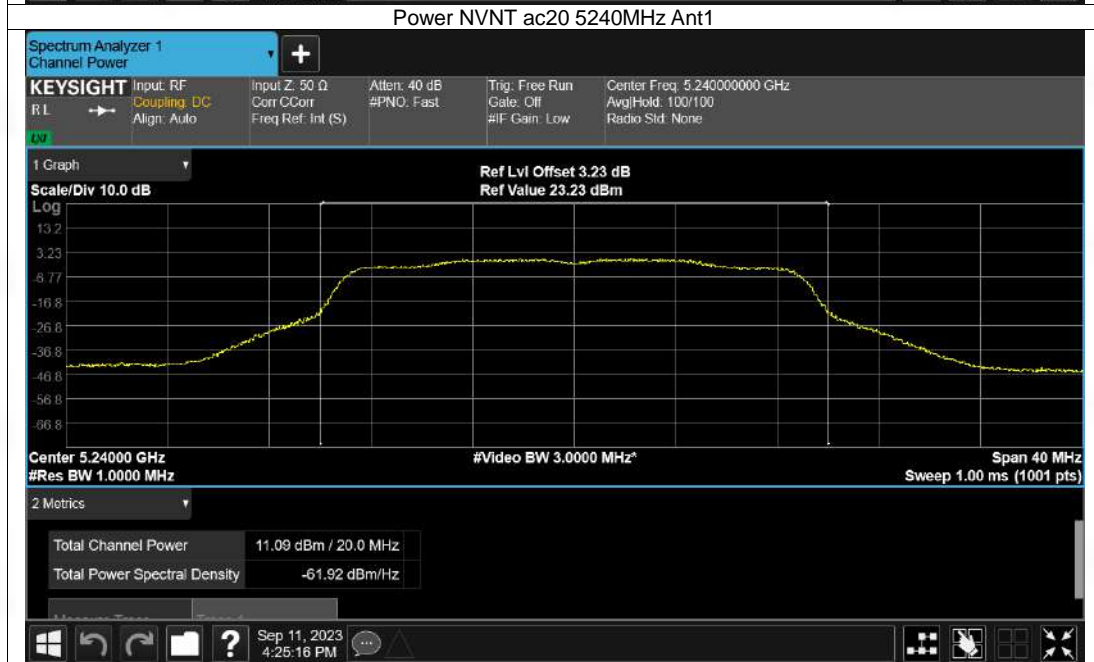
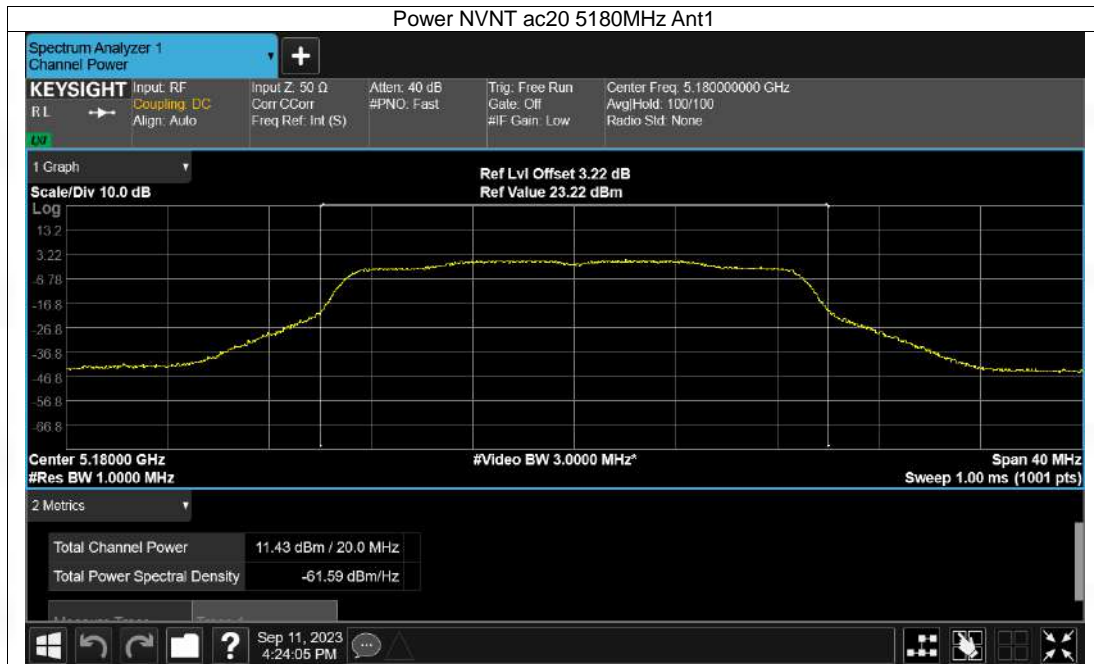


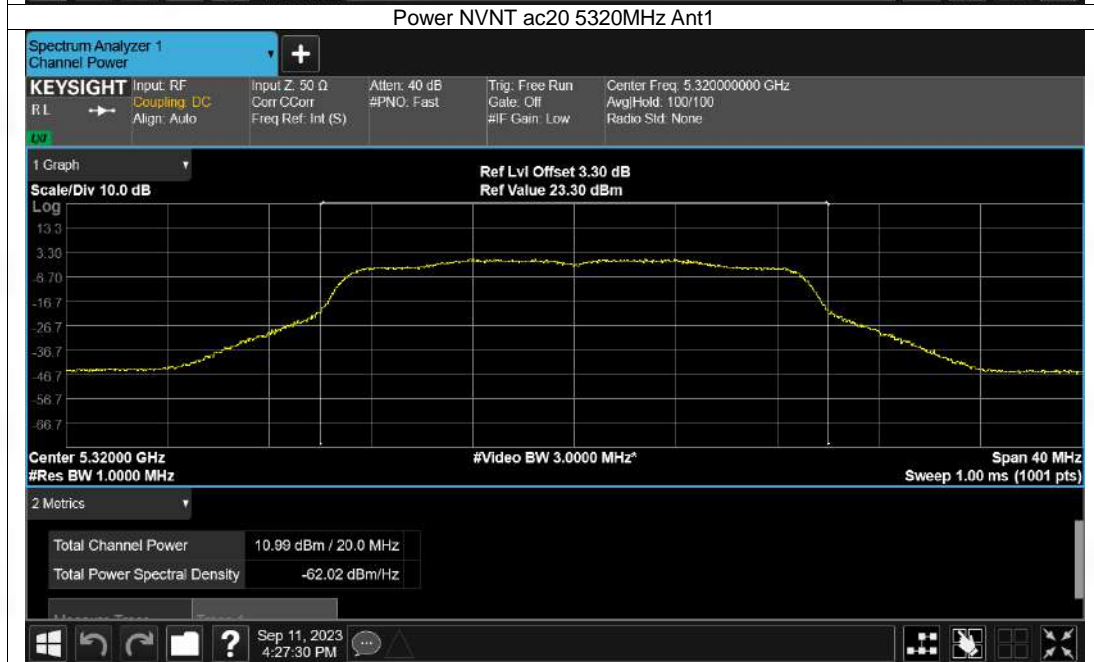
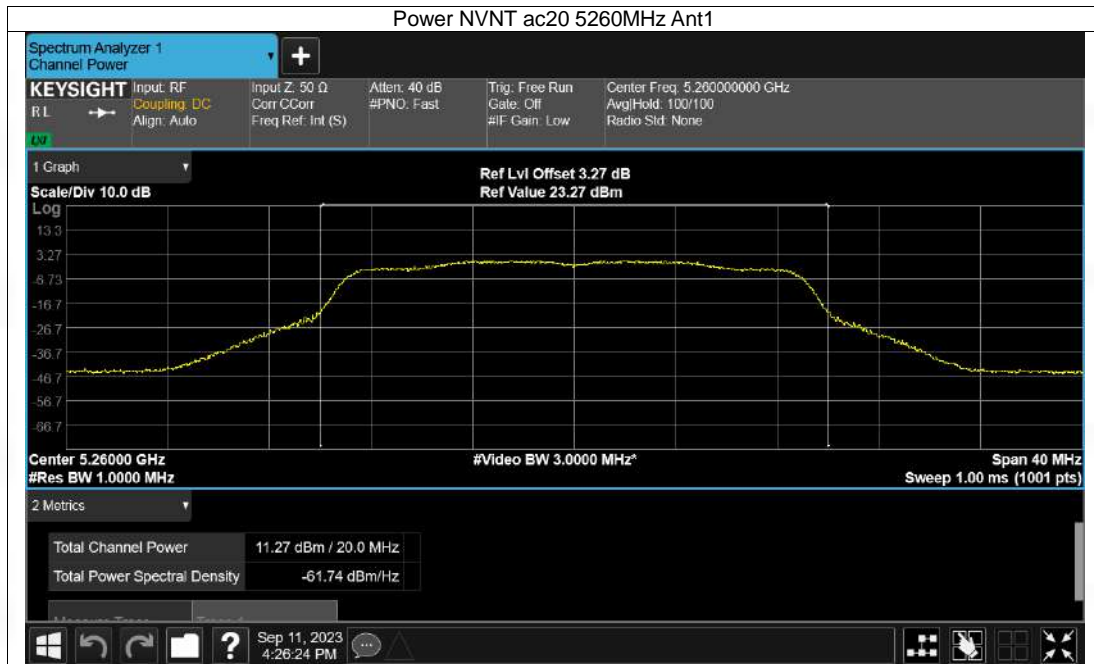


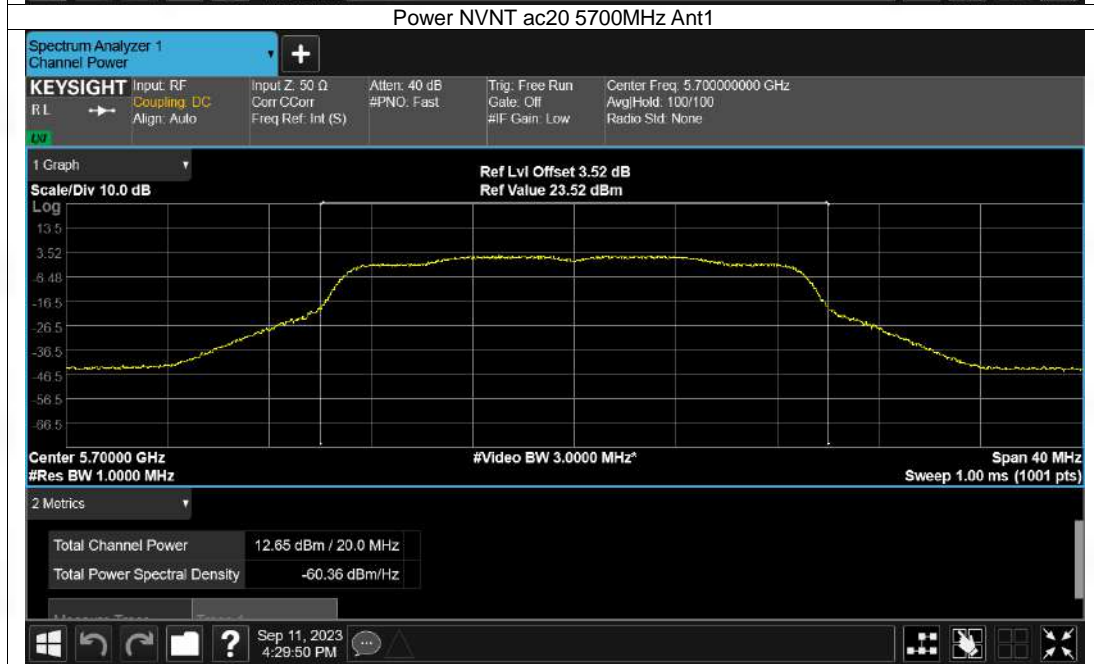
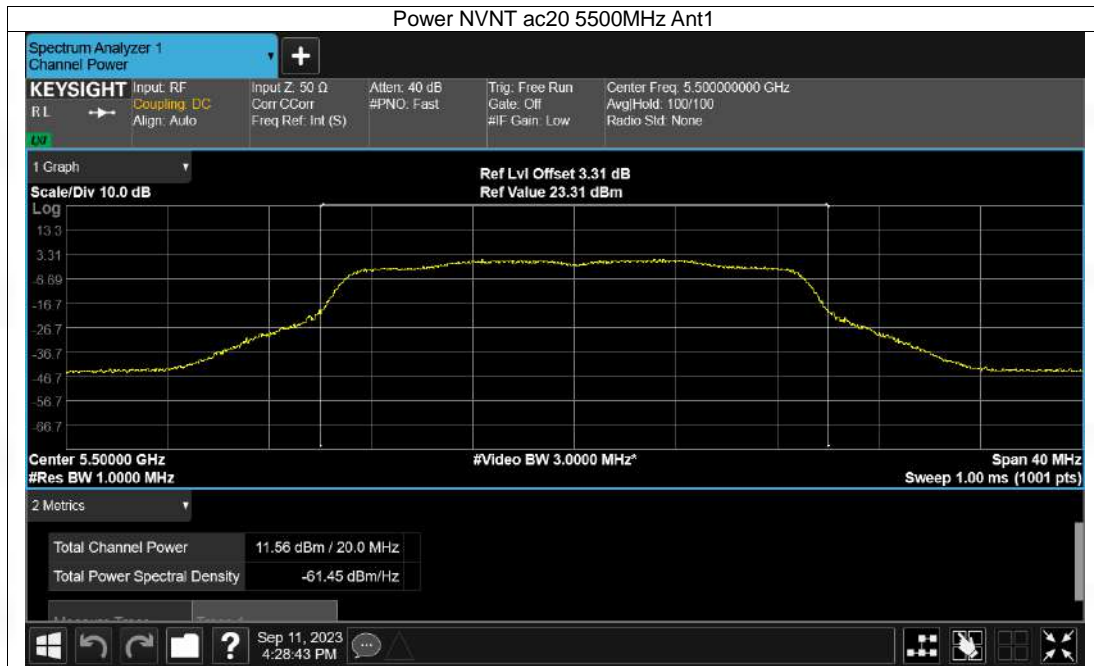


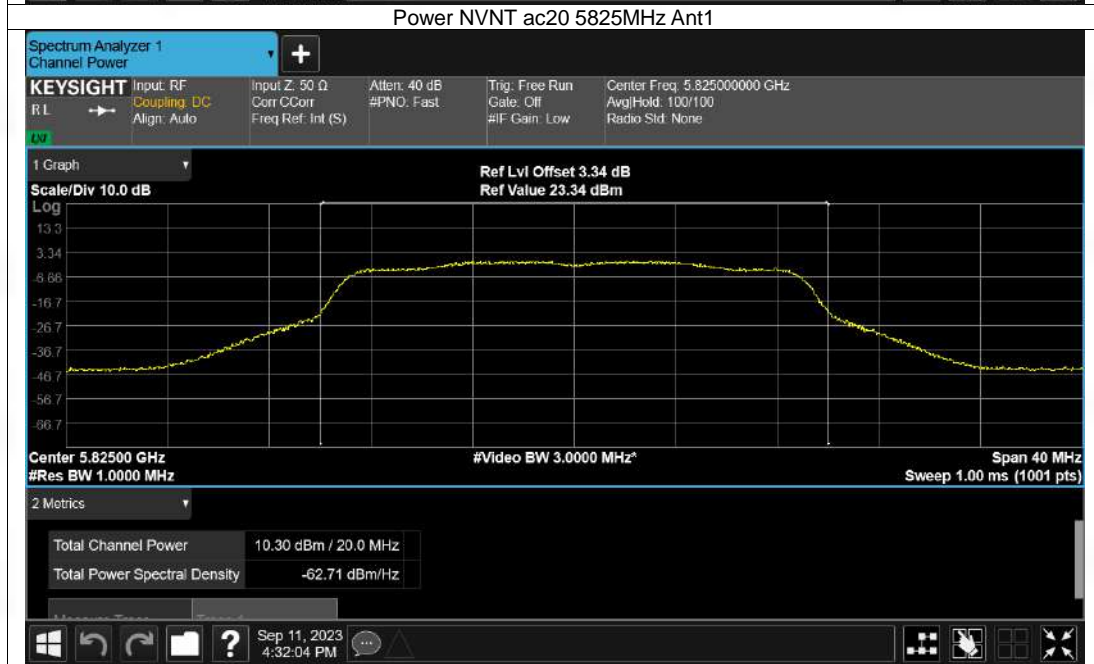
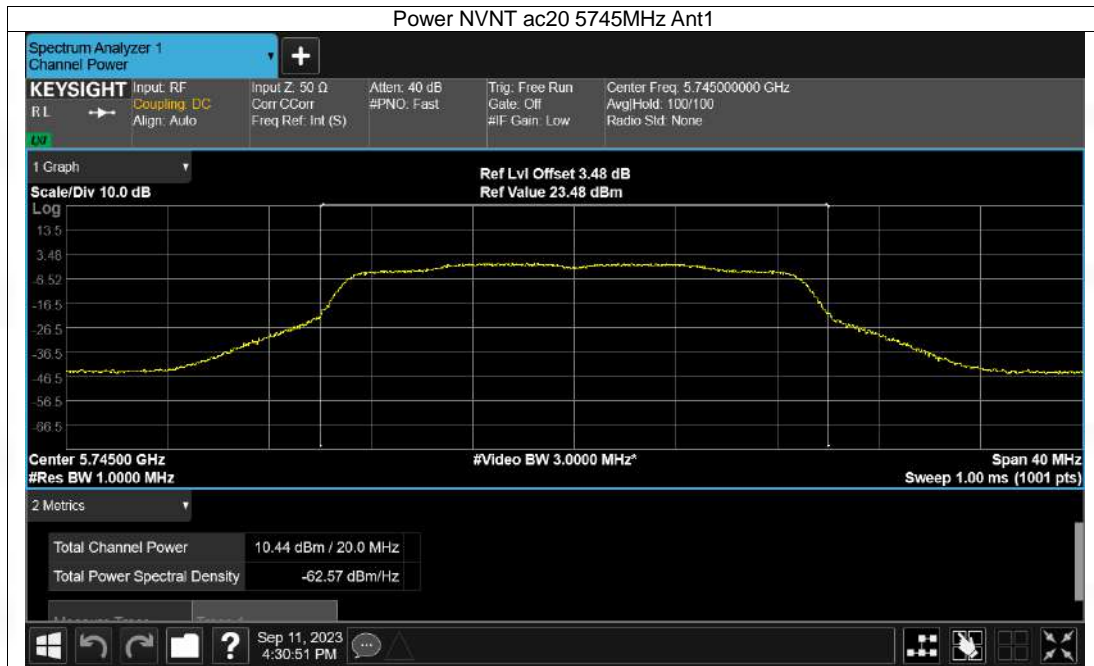


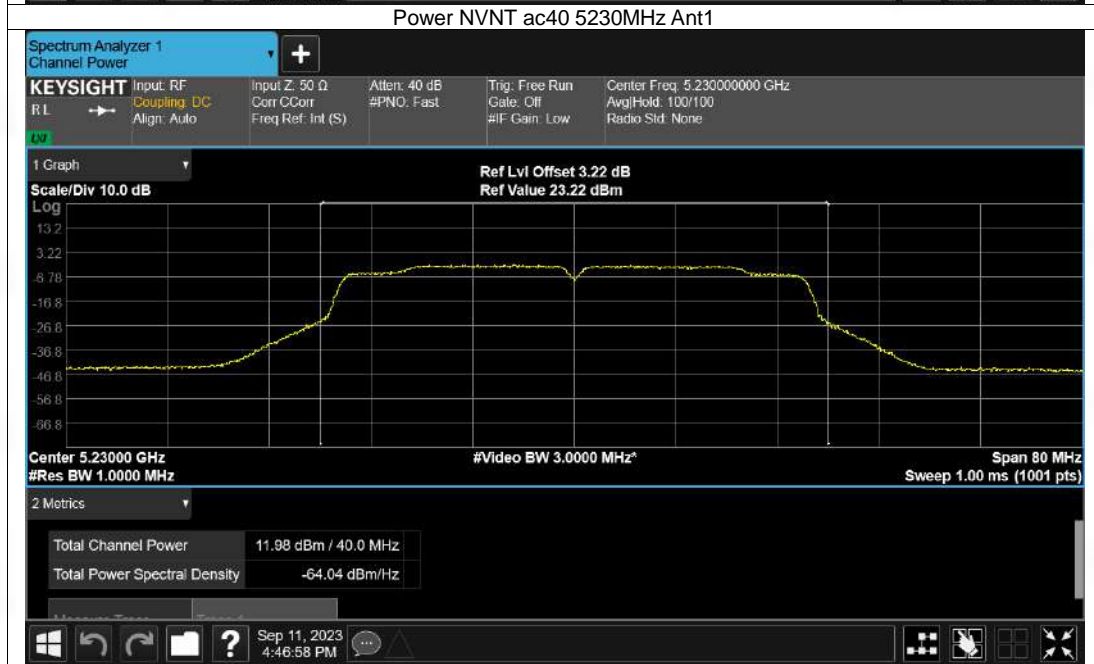
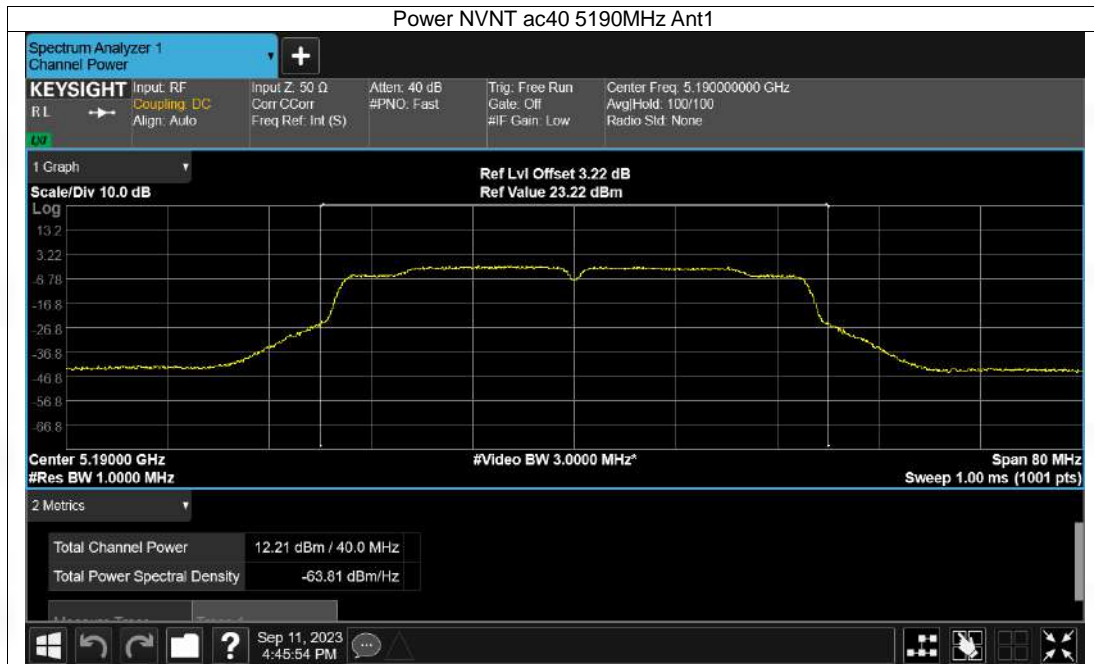


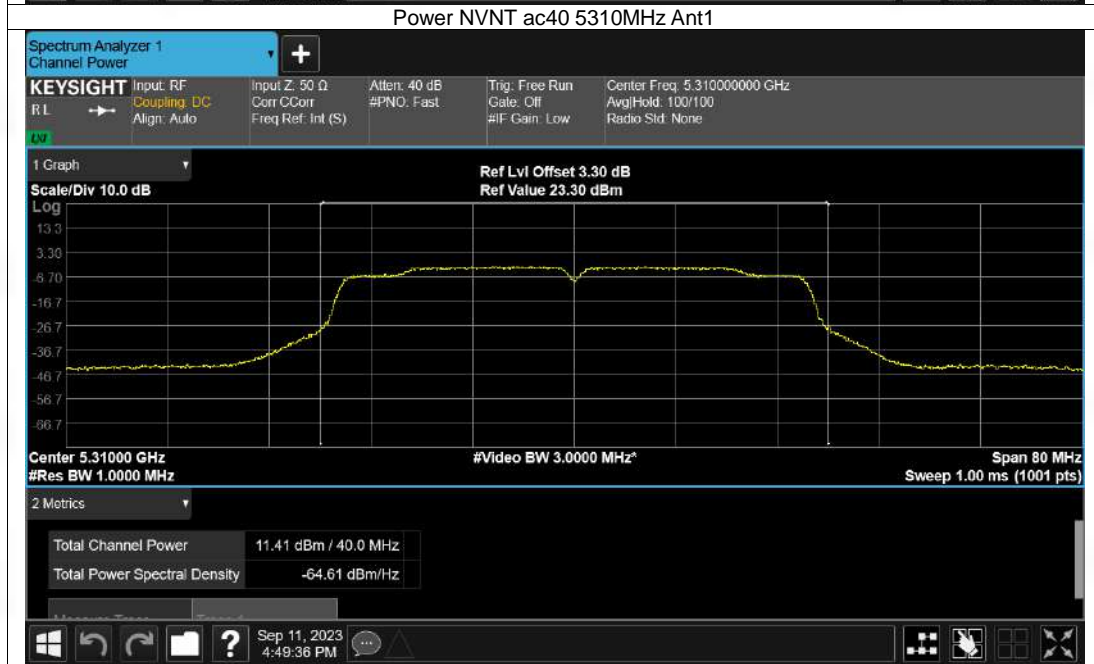
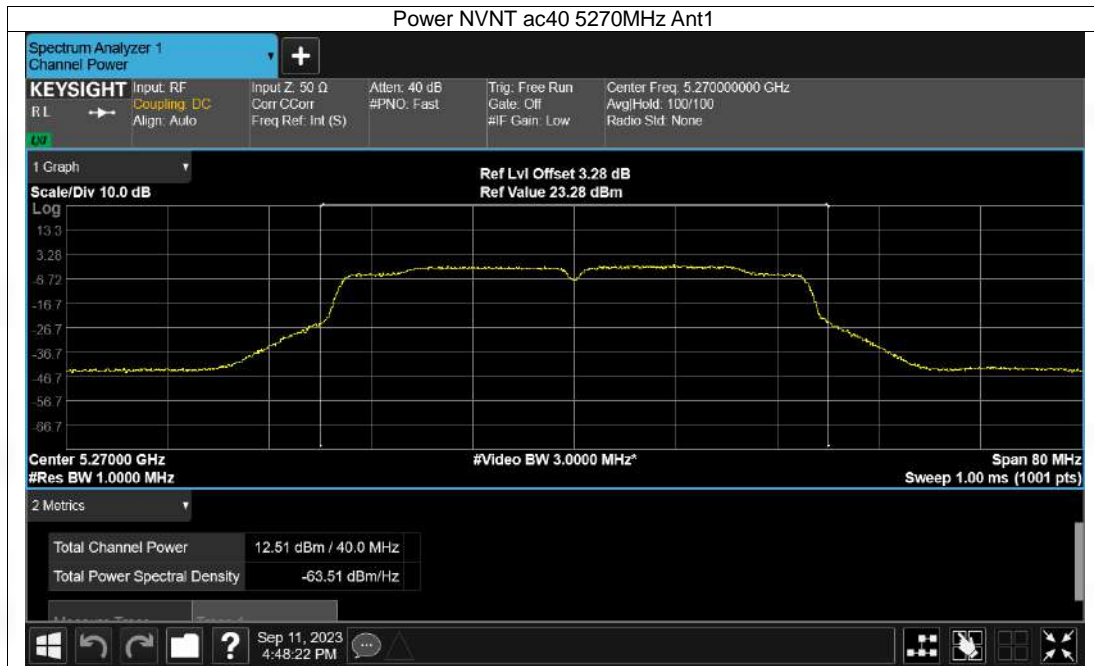


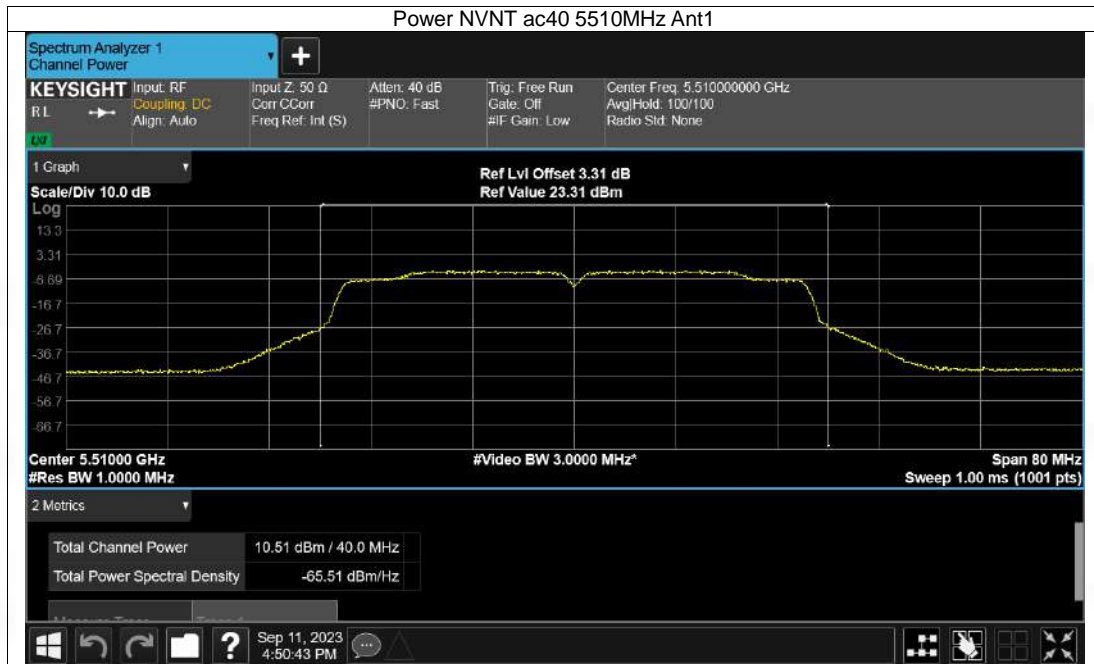


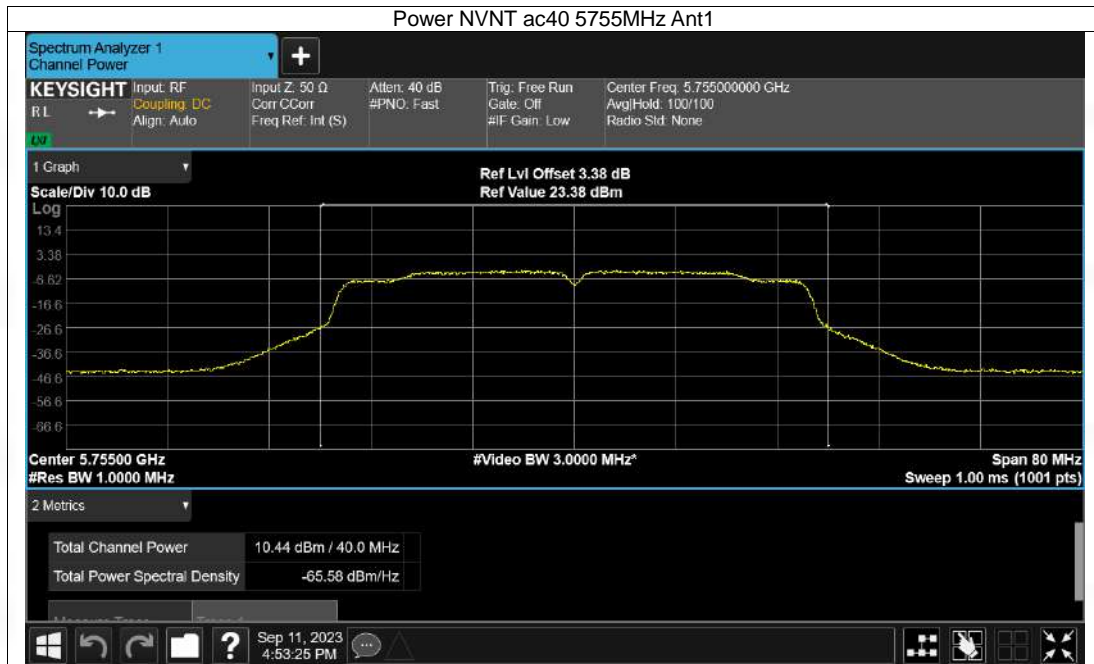


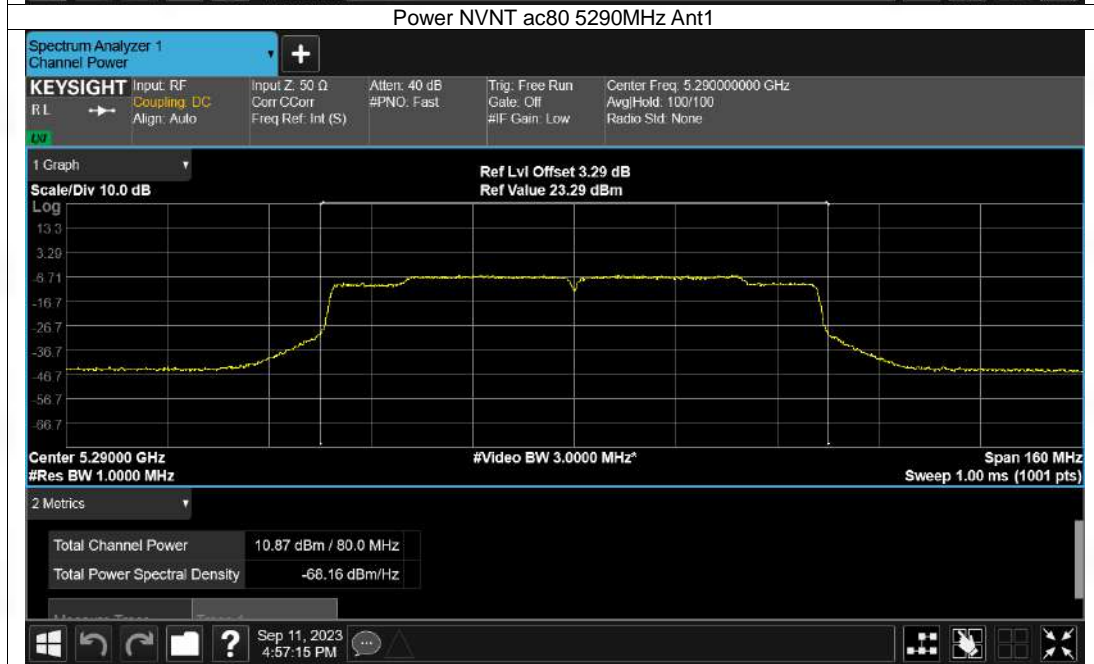
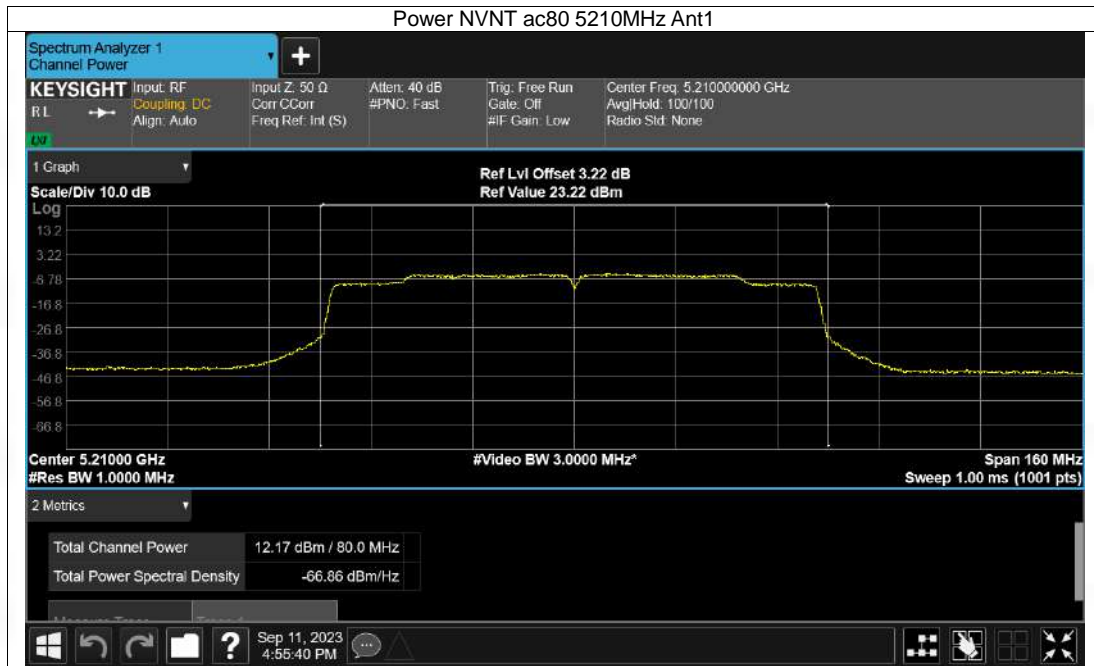


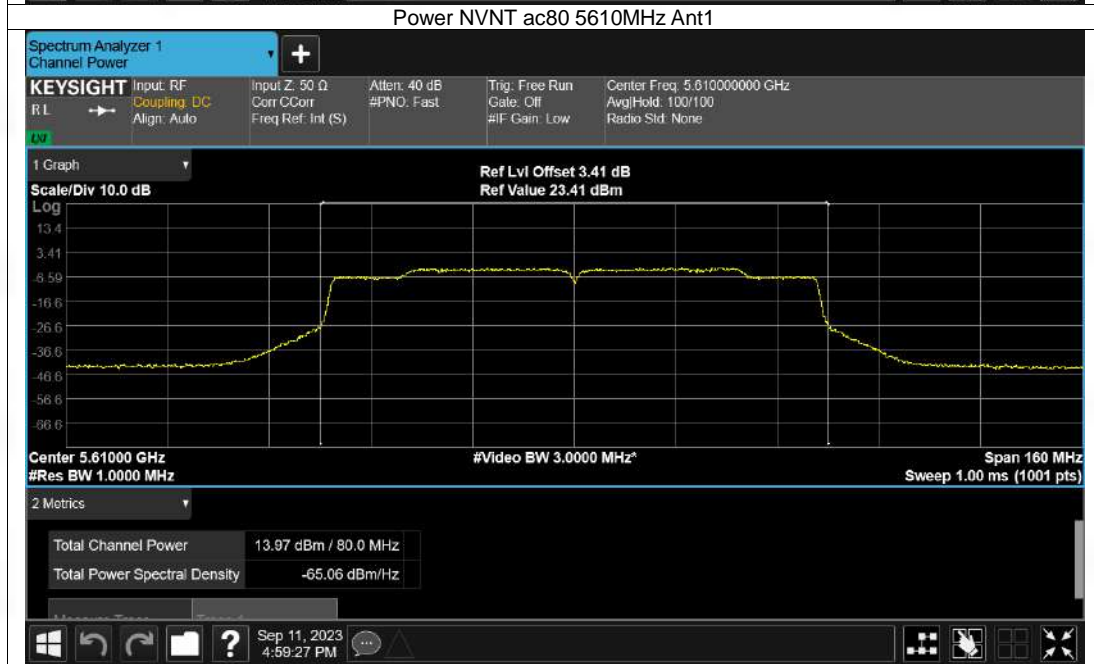
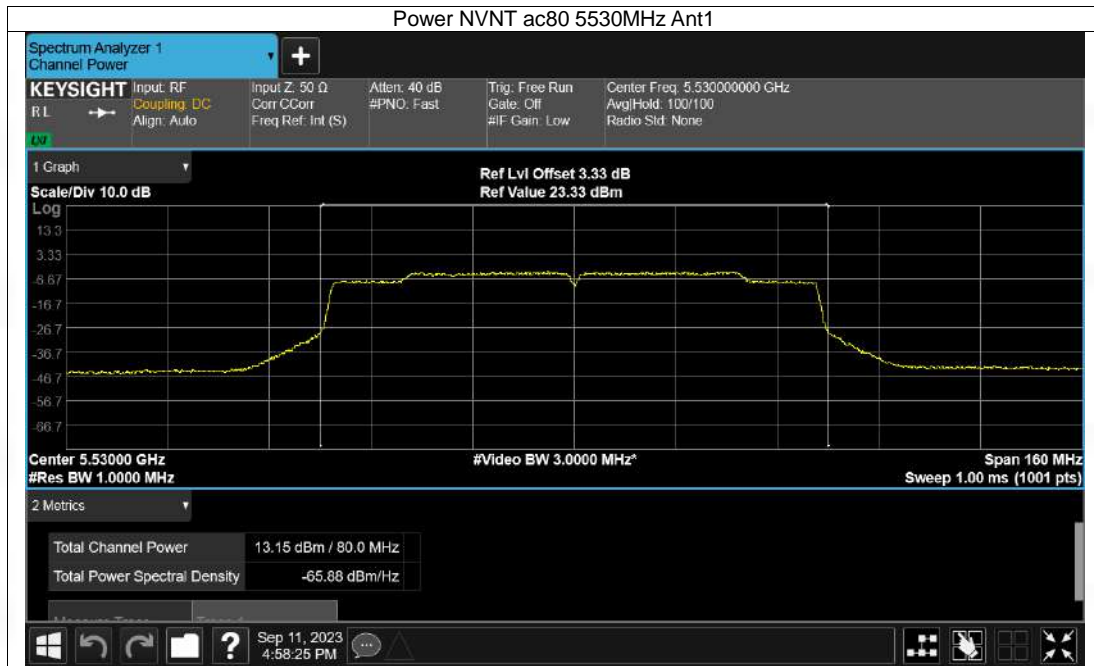


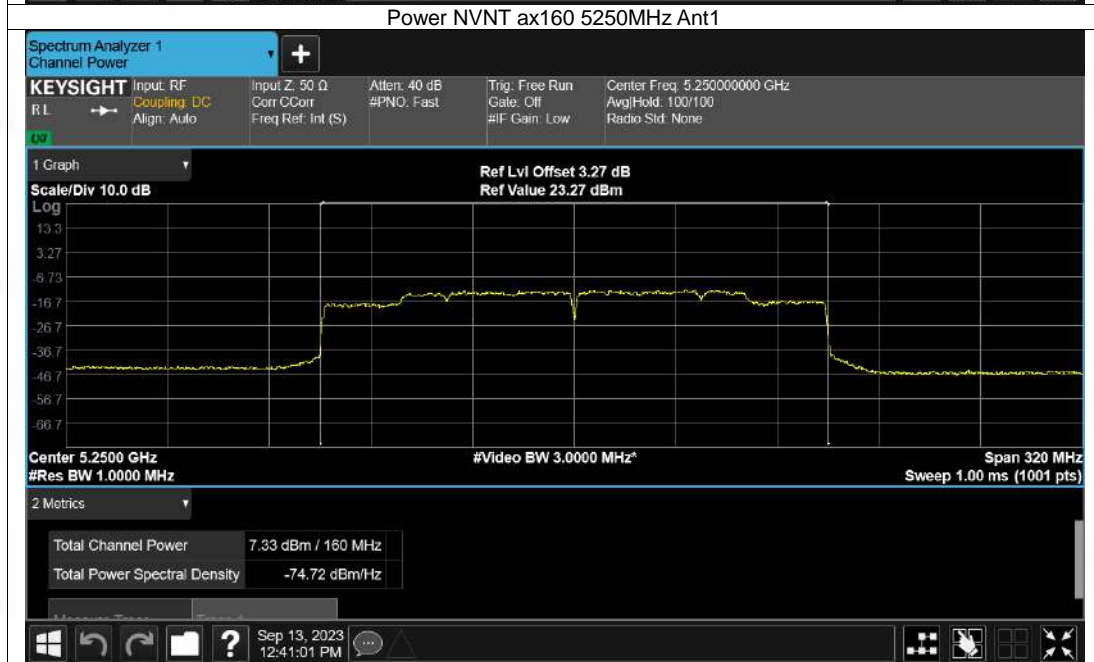
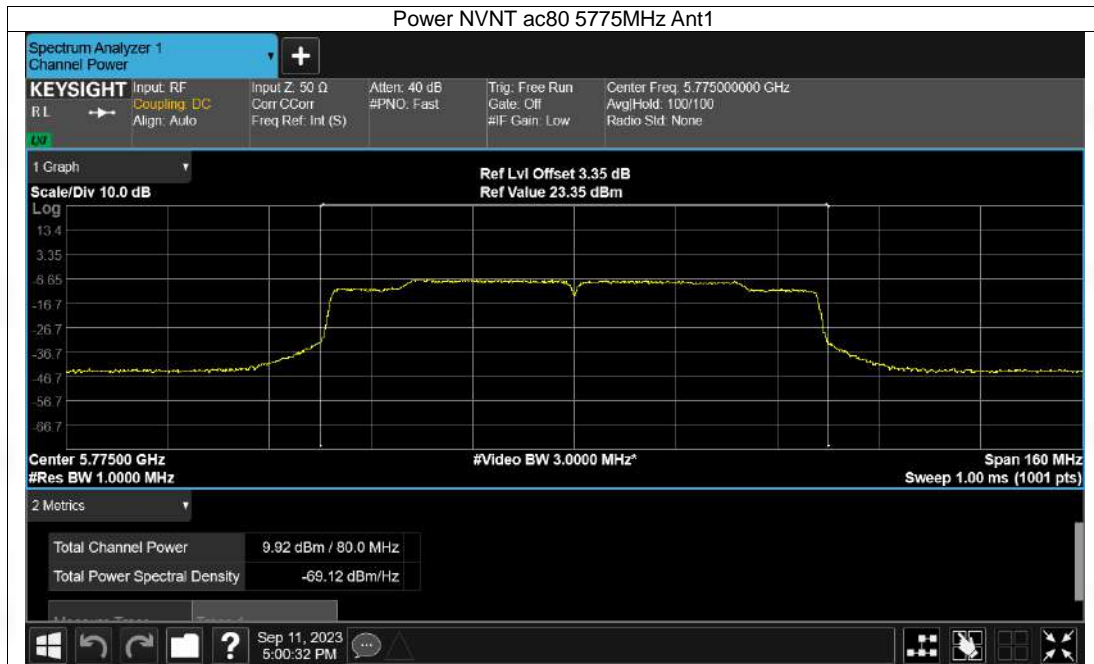


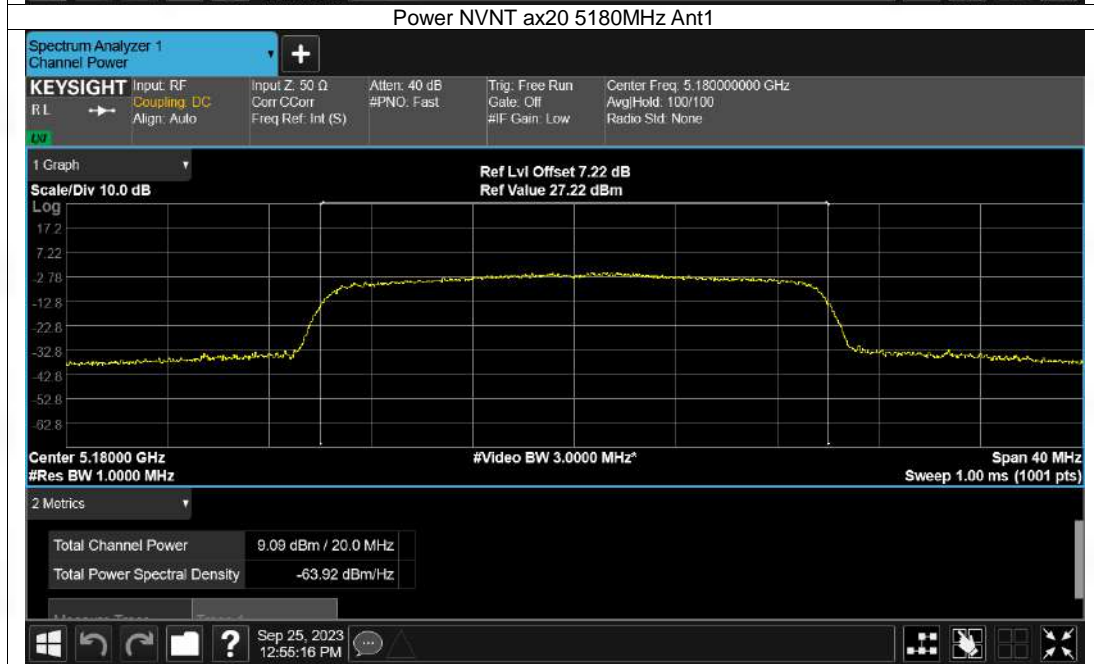
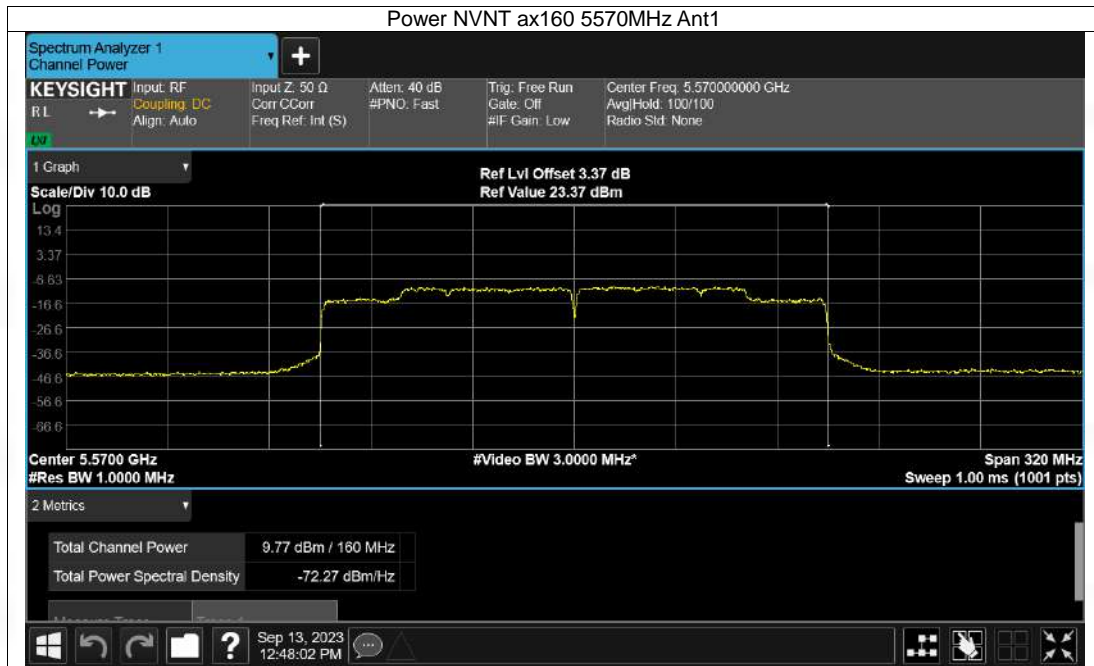


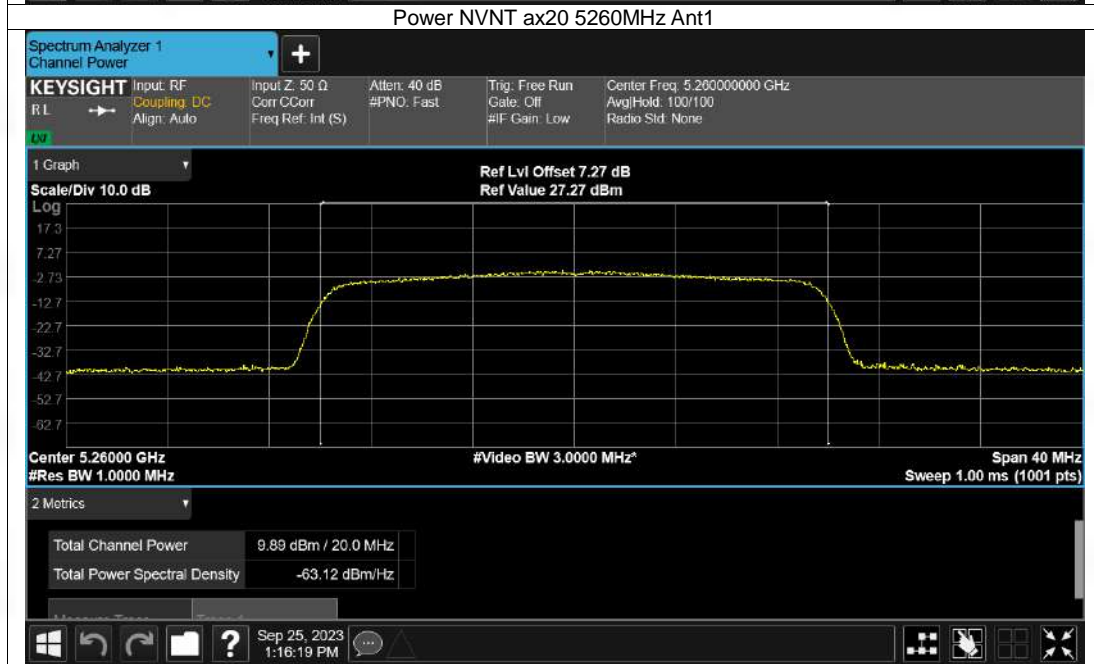
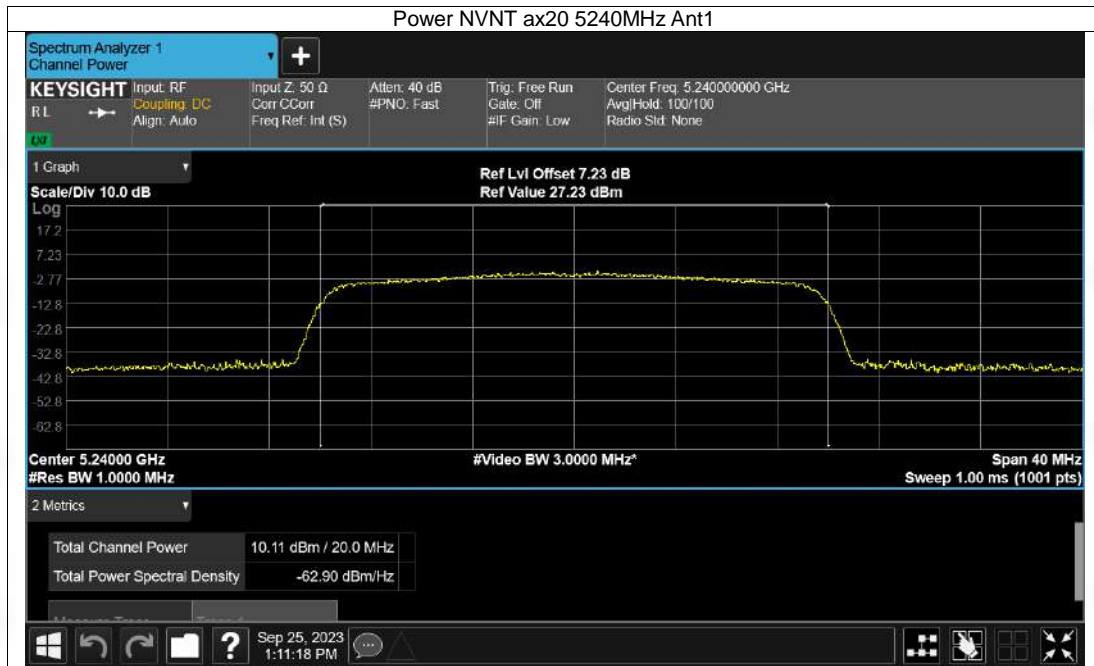


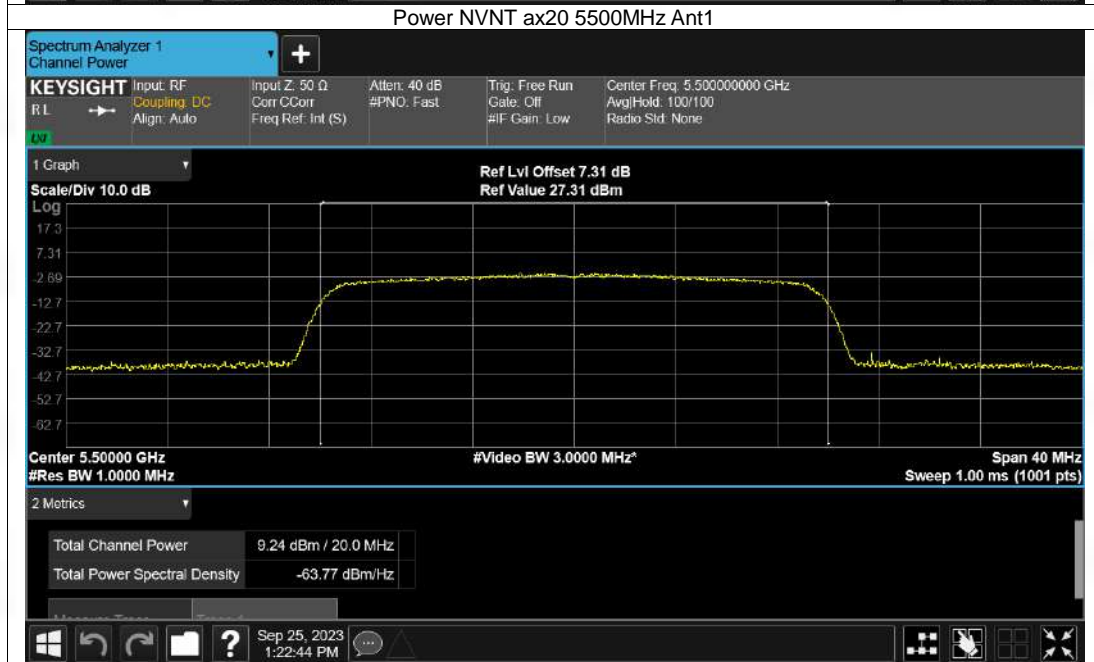
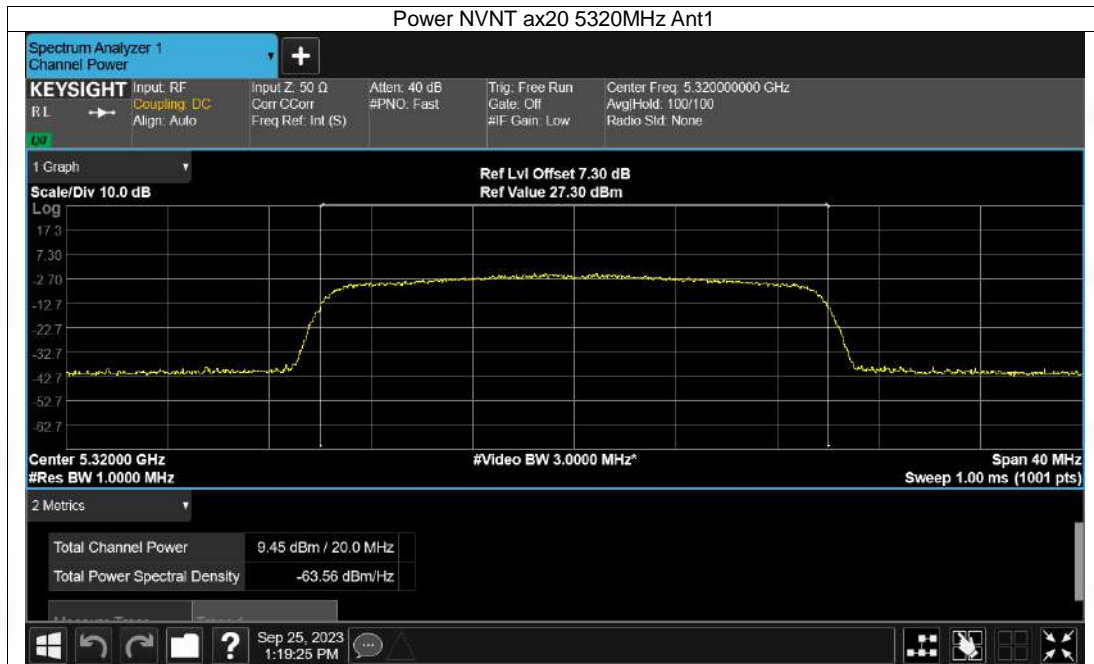


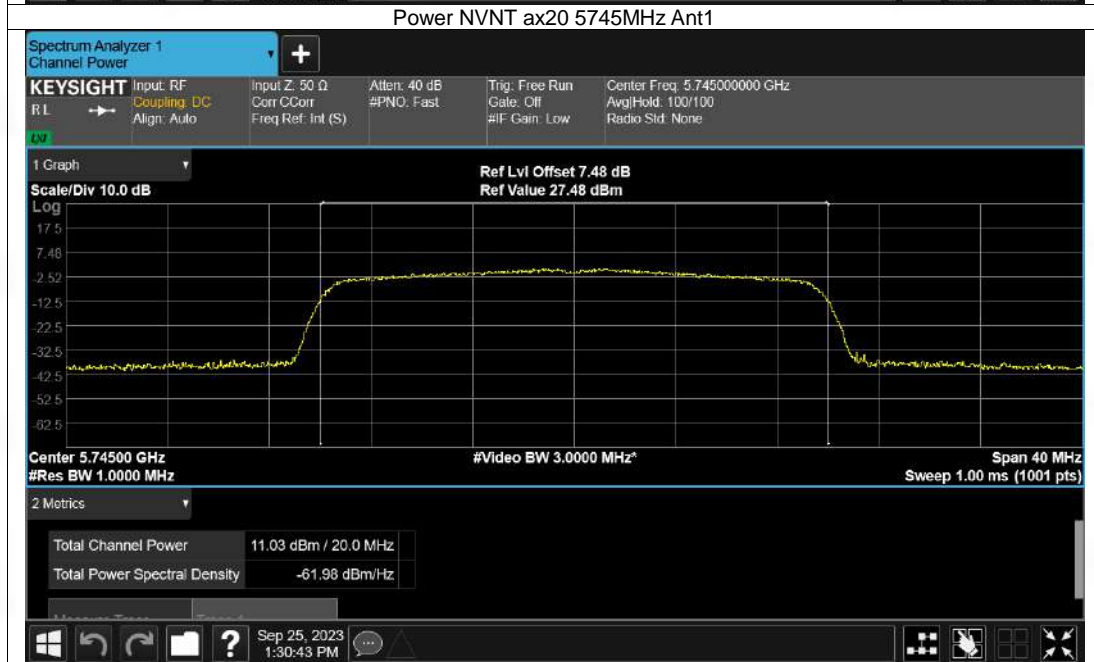
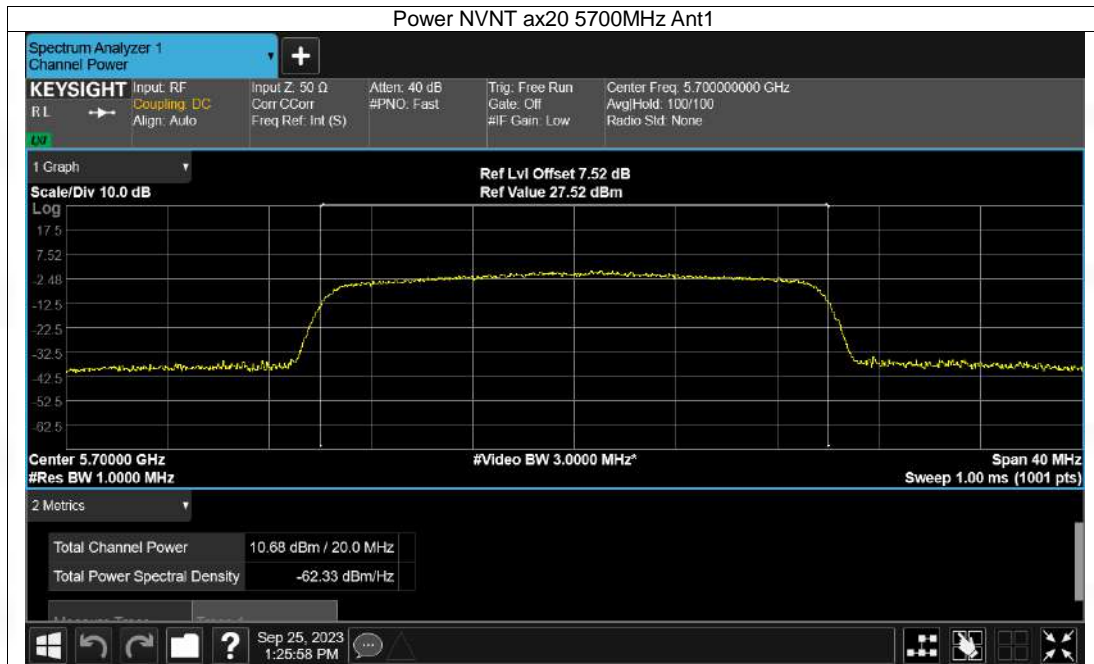


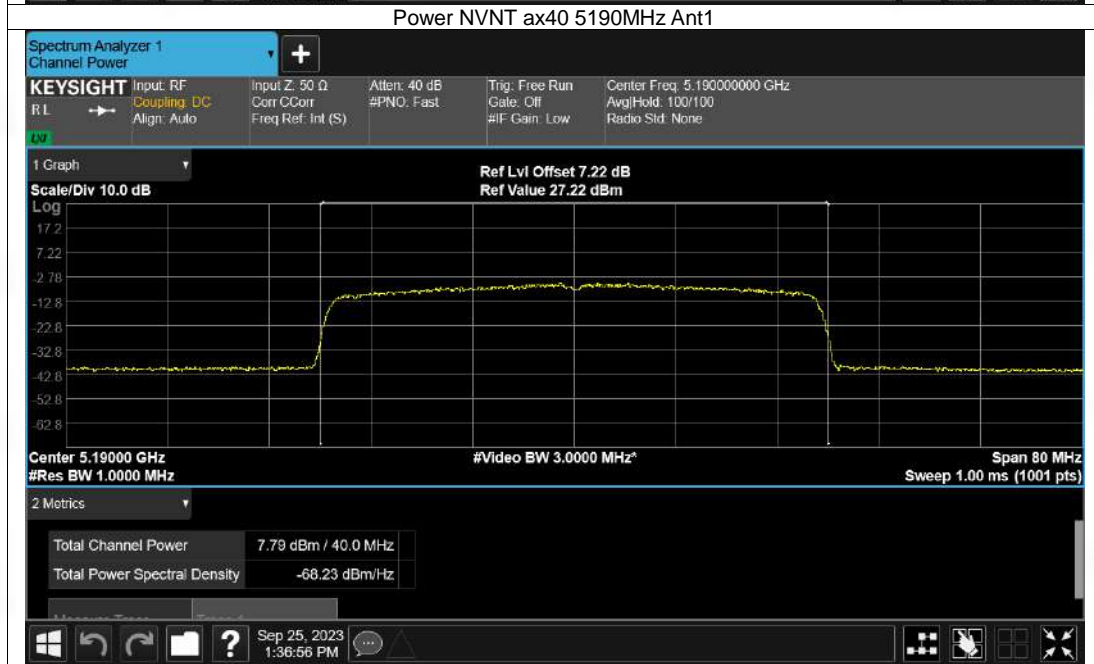
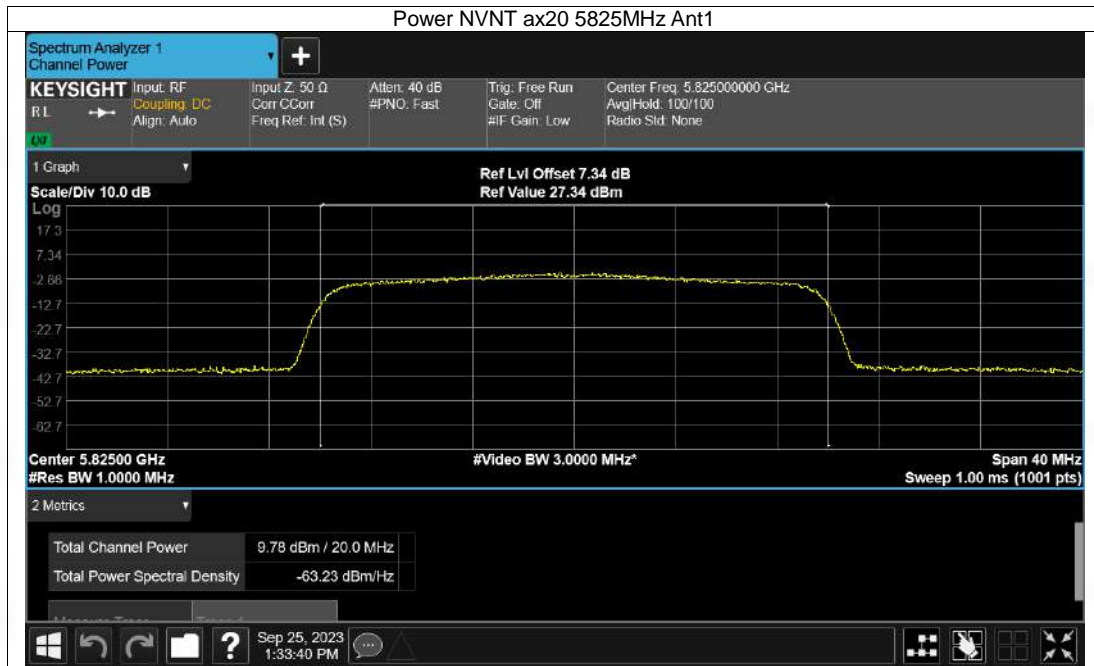


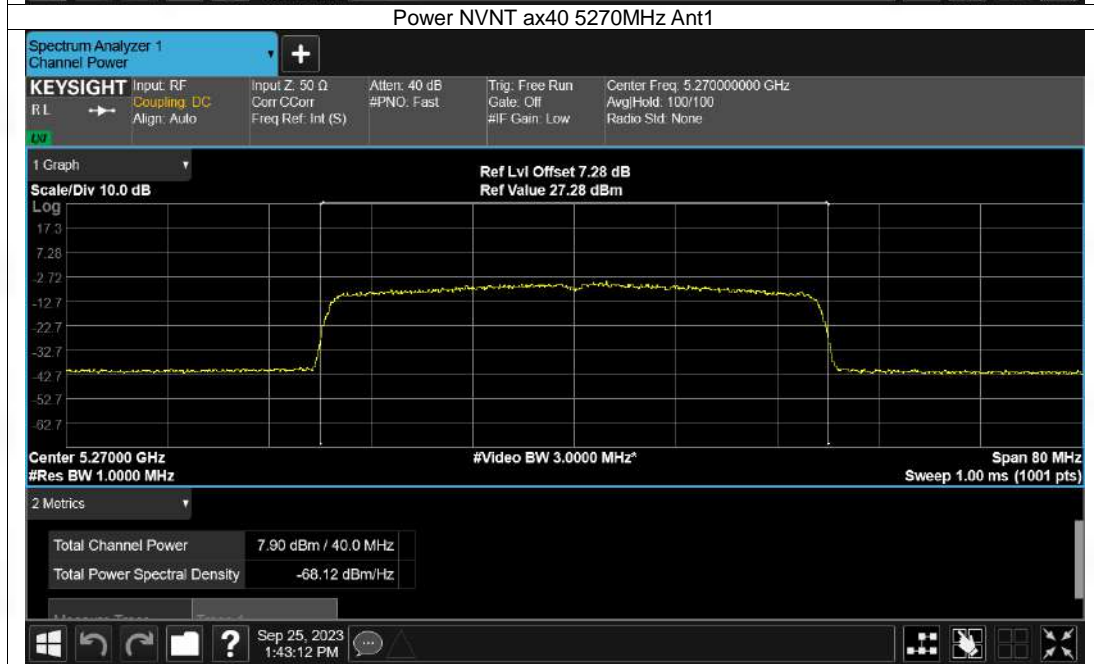
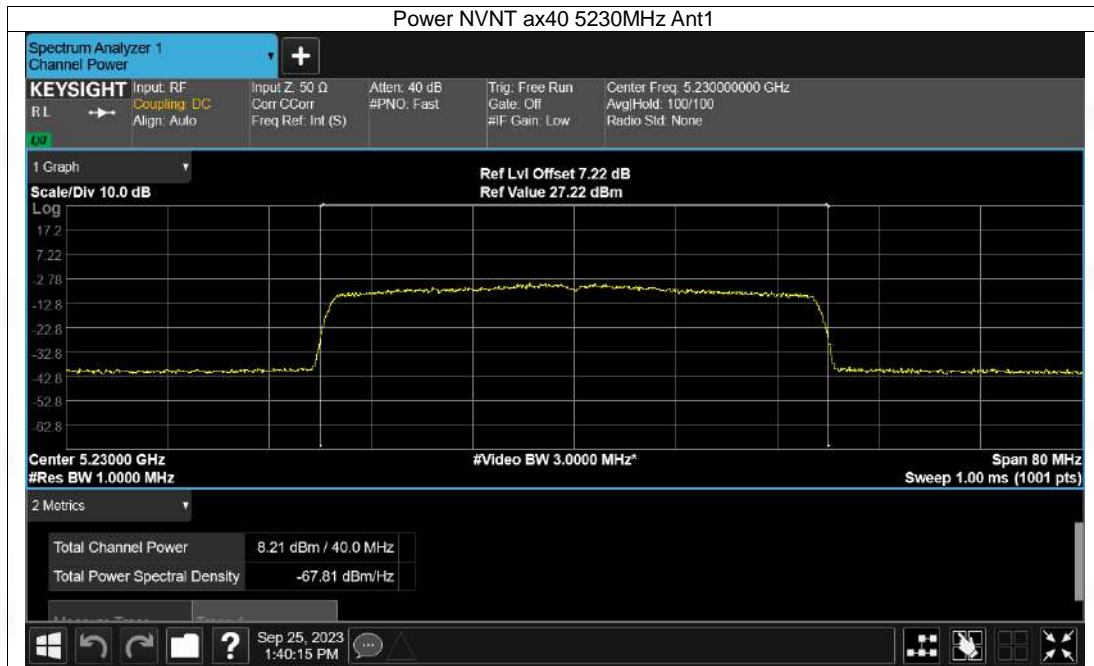


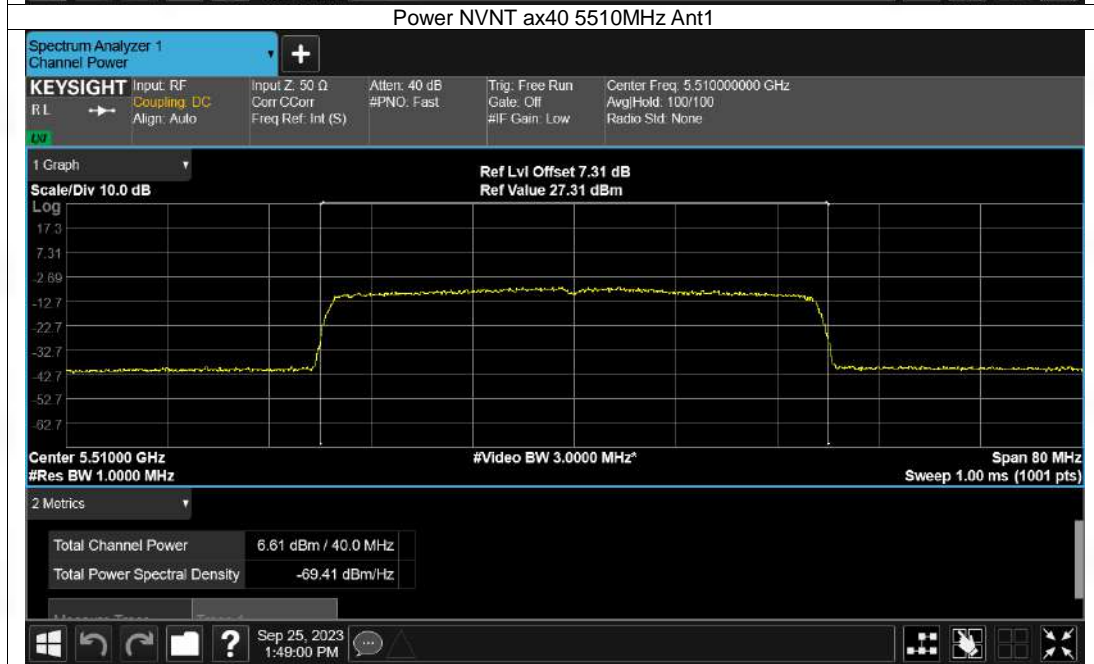
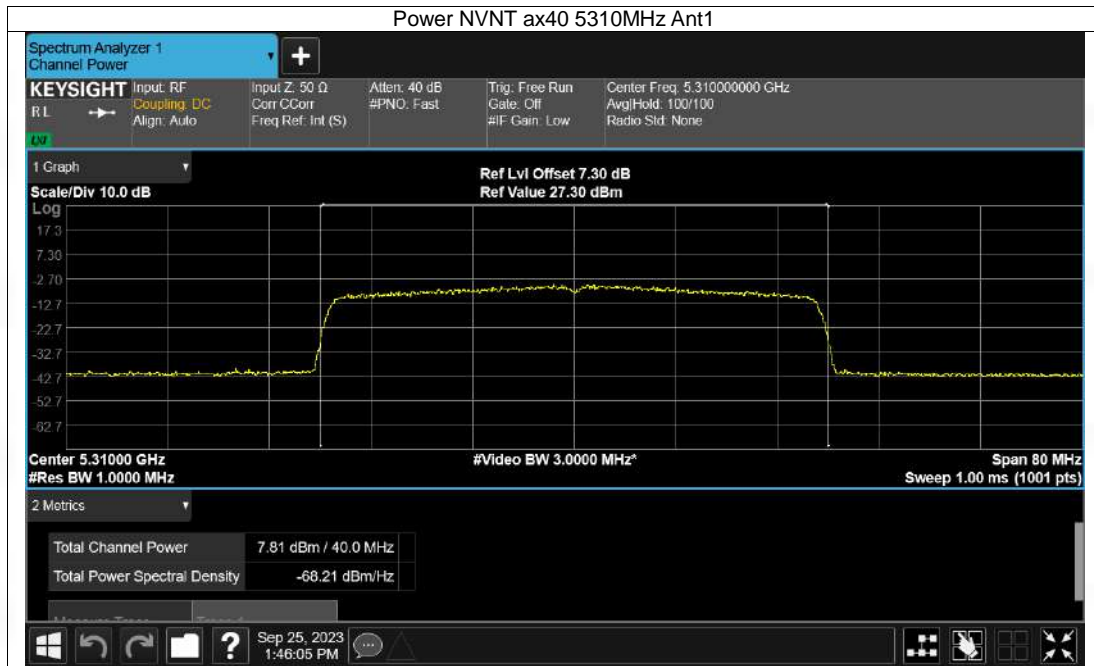


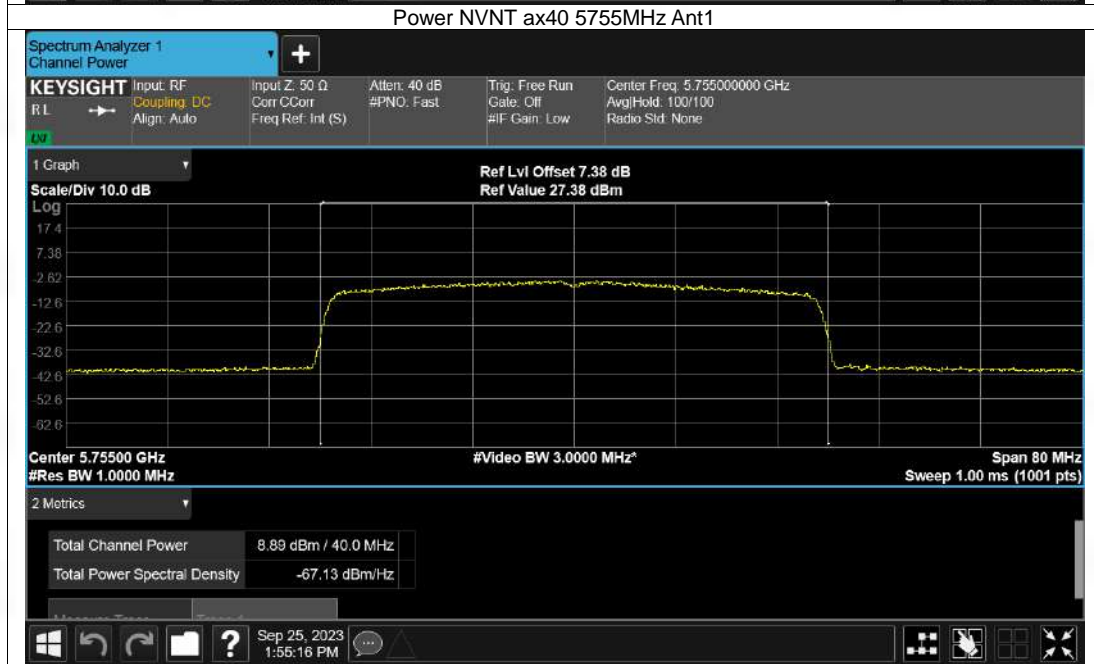
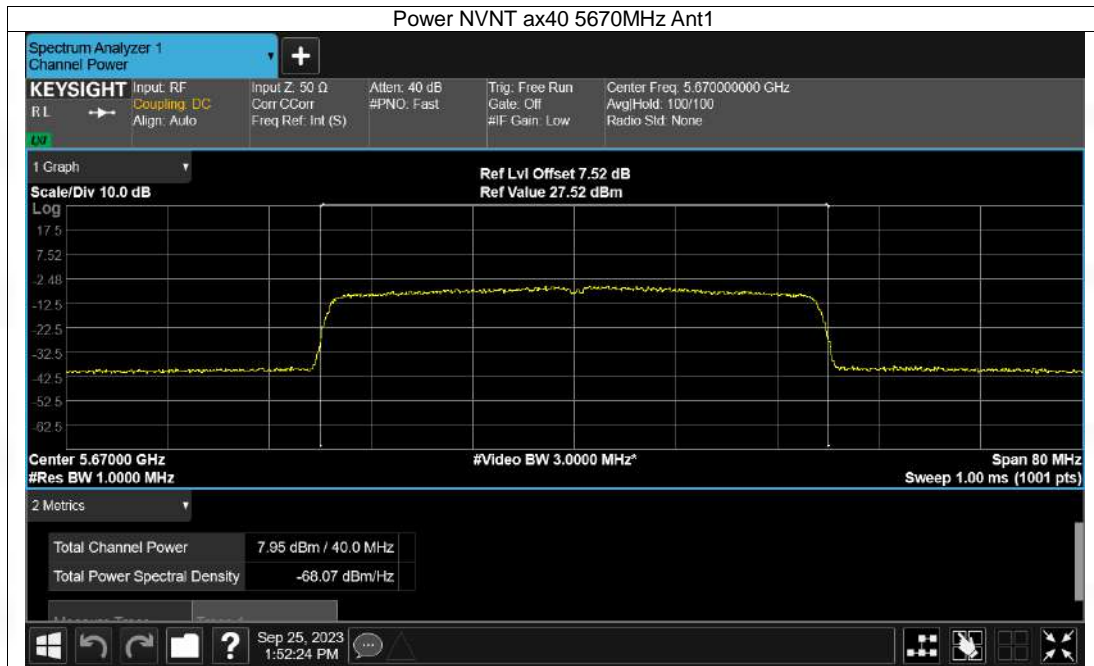


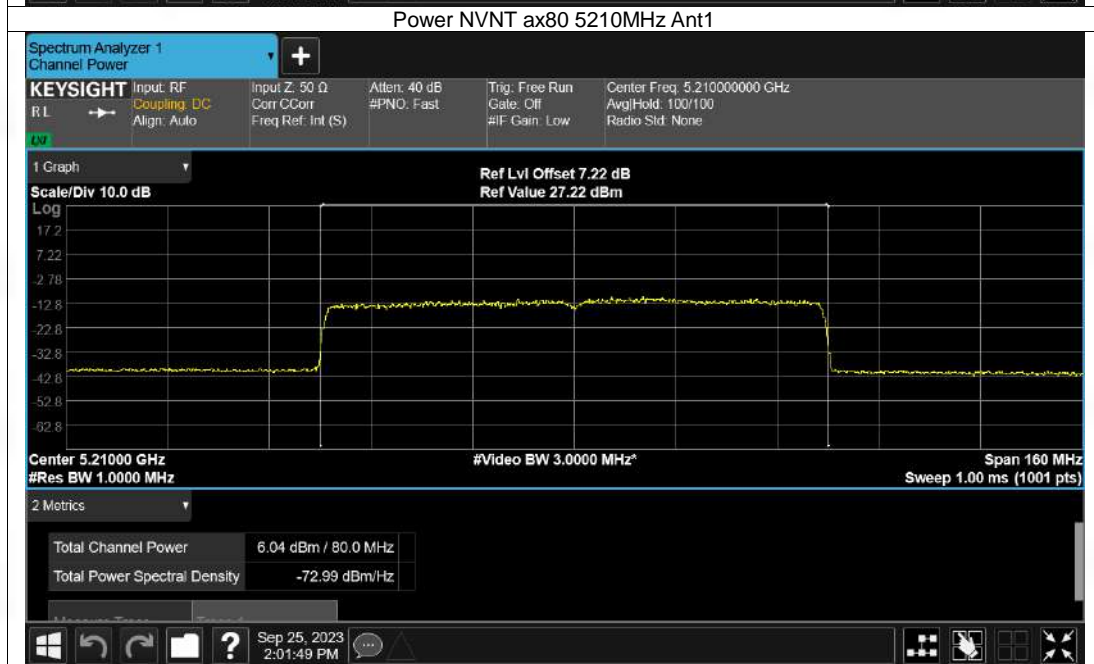
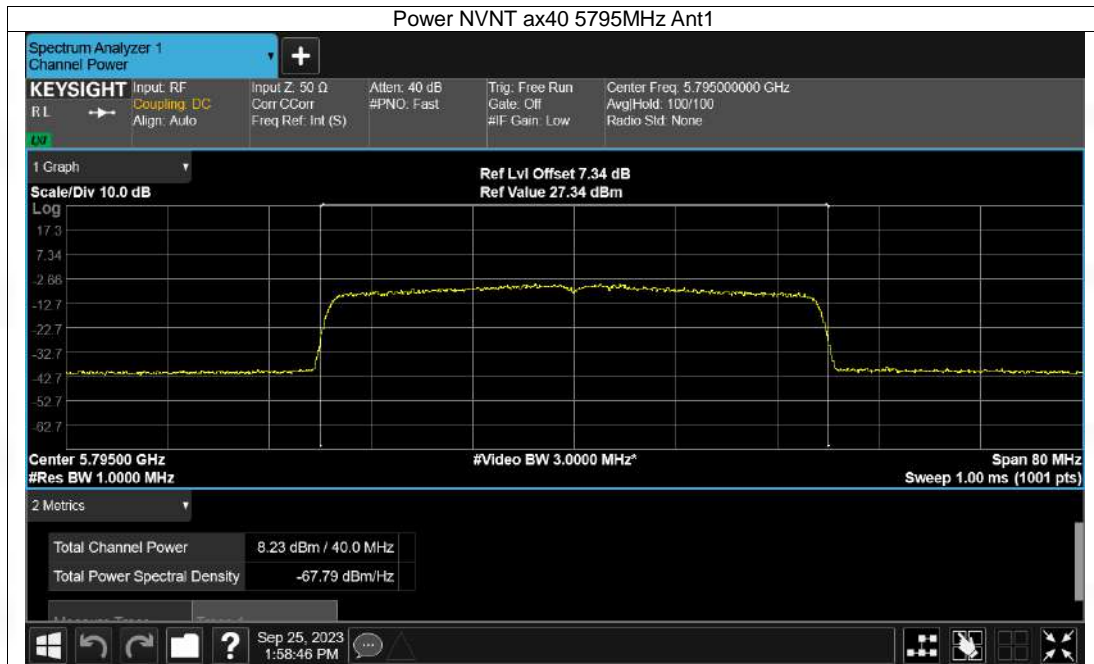


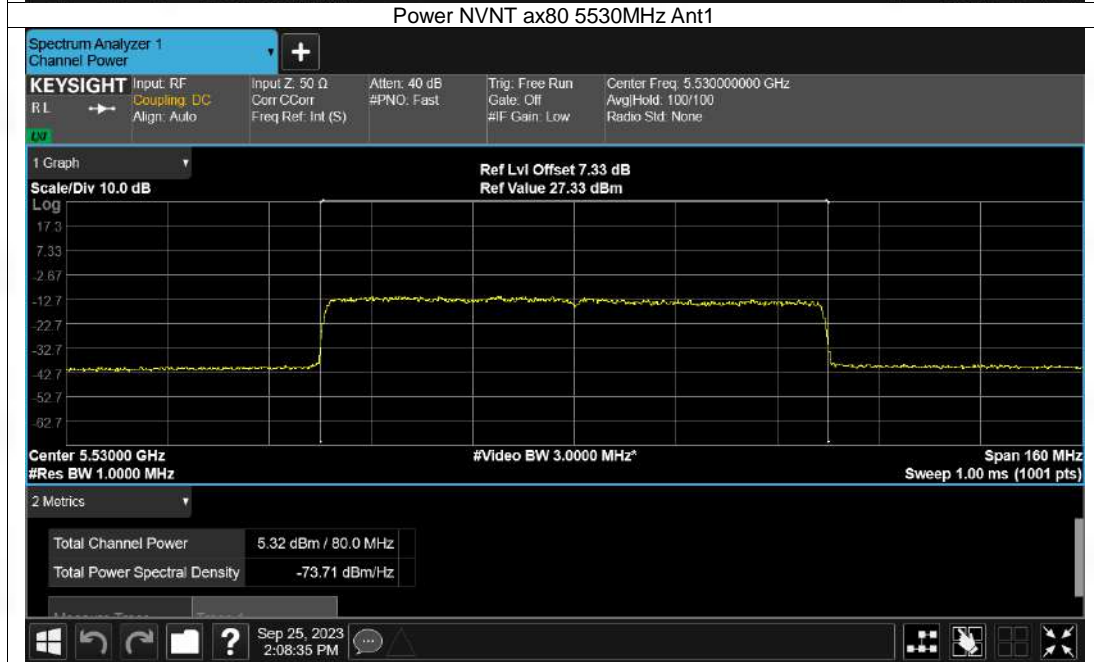
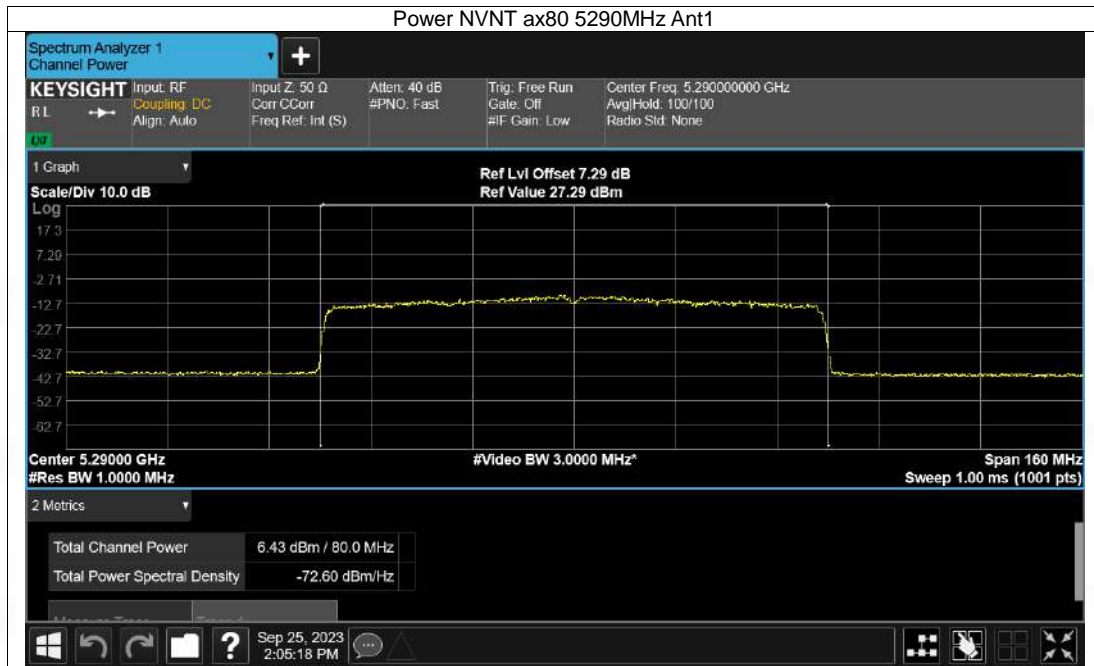


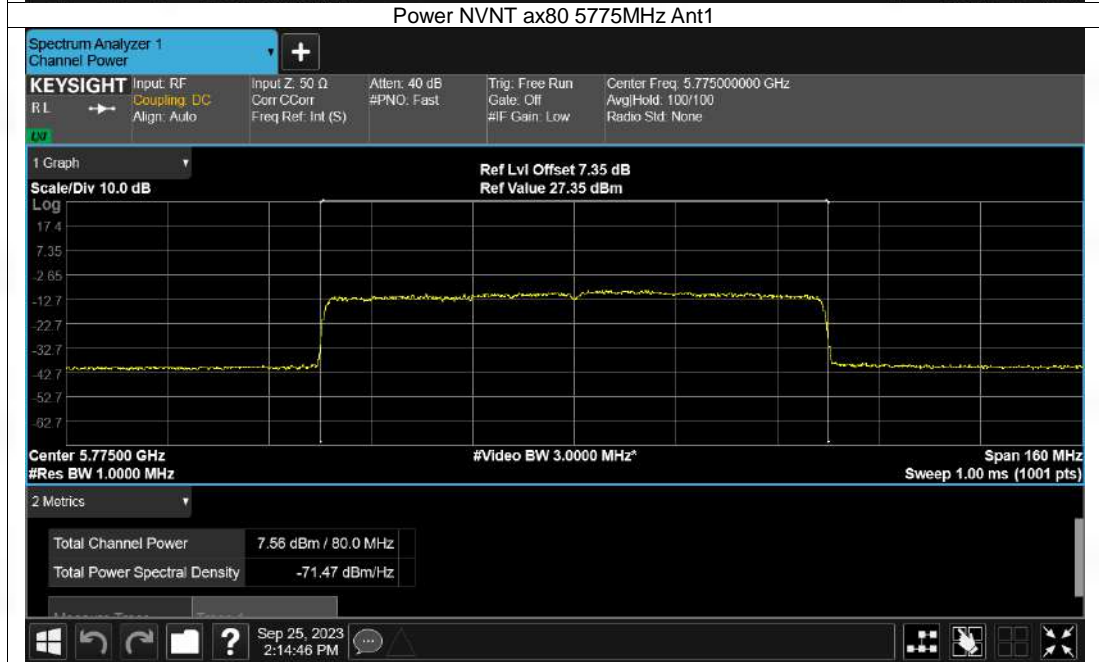
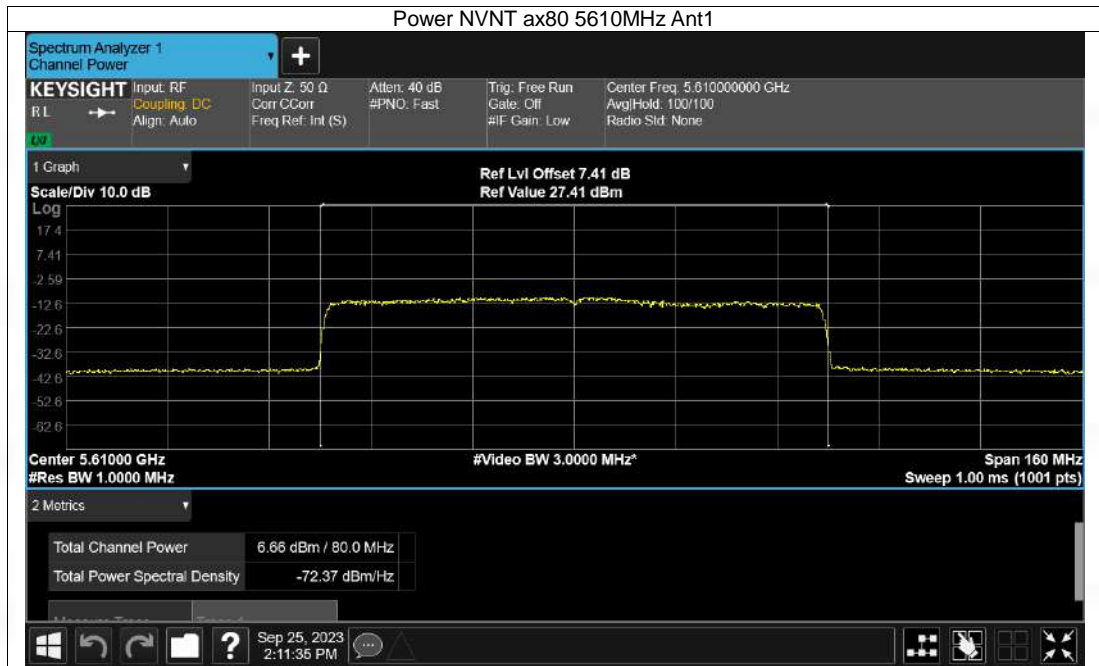






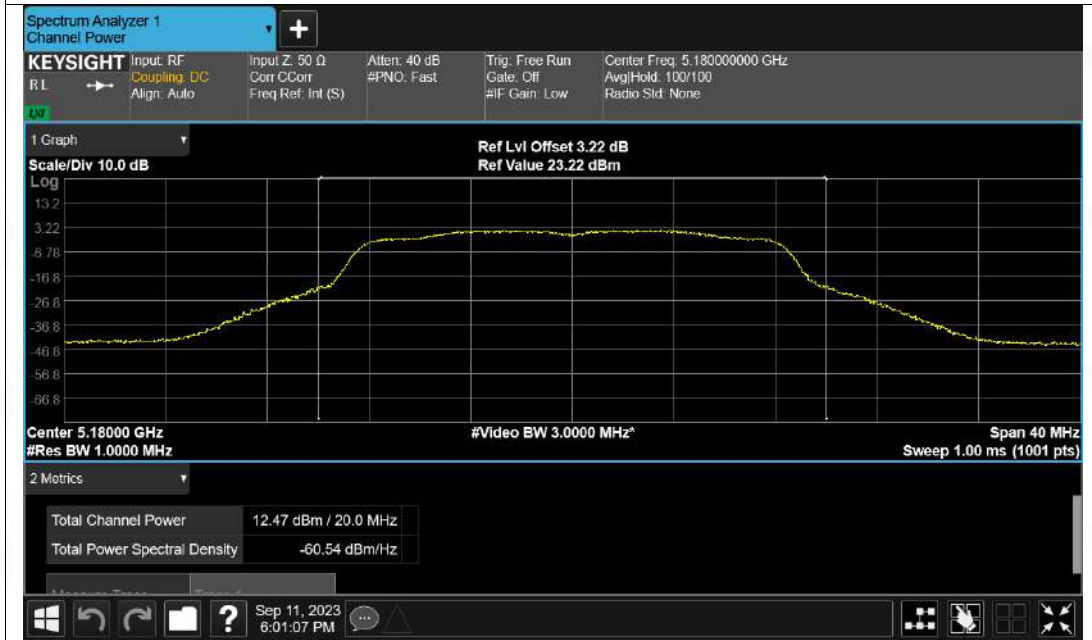






Test Graphs

Power NVNT a 5180MHz Ant2



Power NVNT a 5240MHz Ant2

