

Appendix

1. Bandwidth

1.1 OBW

1.1.1 Test Result

-26dB Bandwidth

-26dB Bandwidth

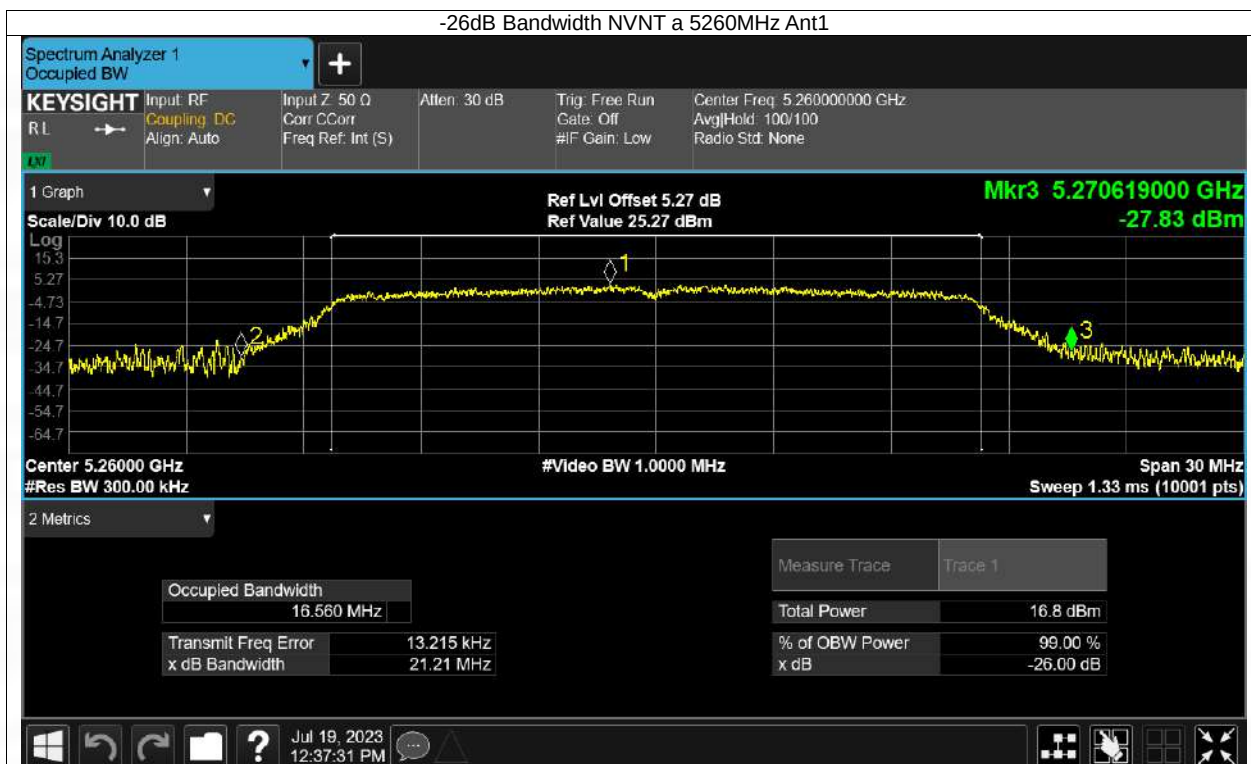
Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	20.153	0.5	Pass
a	5240	Ant1	20.817	0.5	Pass
a	5260	Ant1	21.212	0.5	Pass
a	5320	Ant1	19.949	0.5	Pass
a	5500	Ant1	22.53	0.5	Pass
a	5700	Ant1	20.697	0.5	Pass
n20	5180	Ant1	24.363	0.5	Pass
n20	5240	Ant1	25.383	0.5	Pass
n20	5260	Ant1	26.712	0.5	Pass
n20	5320	Ant1	23.121	0.5	Pass
n20	5500	Ant1	25.74	0.5	Pass
n20	5700	Ant1	24.048	0.5	Pass
n40	5190	Ant1	39.796	0.5	Pass
n40	5230	Ant1	39.966	0.5	Pass
n40	5270	Ant1	44.061	0.5	Pass
n40	5310	Ant1	39.951	0.5	Pass
n40	5510	Ant1	49.778	0.5	Pass
n40	5670	Ant1	39.434	0.5	Pass
ac20	5180	Ant1	20.363	0.5	Pass
ac20	5240	Ant1	20.417	0.5	Pass
ac20	5260	Ant1	22.618	0.5	Pass
ac20	5320	Ant1	20.467	0.5	Pass
ac20	5500	Ant1	21.366	0.5	Pass
ac20	5700	Ant1	20.995	0.5	Pass
ac40	5190	Ant1	39.684	0.5	Pass
ac40	5230	Ant1	39.837	0.5	Pass
ac40	5270	Ant1	39.512	0.5	Pass
ac40	5310	Ant1	39.517	0.5	Pass
ac40	5510	Ant1	39.957	0.5	Pass
ac40	5670	Ant1	40.215	0.5	Pass
ac80	5210	Ant1	79.651	0.5	Pass
ac80	5290	Ant1	79.399	0.5	Pass
ac80	5530	Ant1	79.399	0.5	Pass
ac80	5610	Ant1	79.745	0.5	Pass

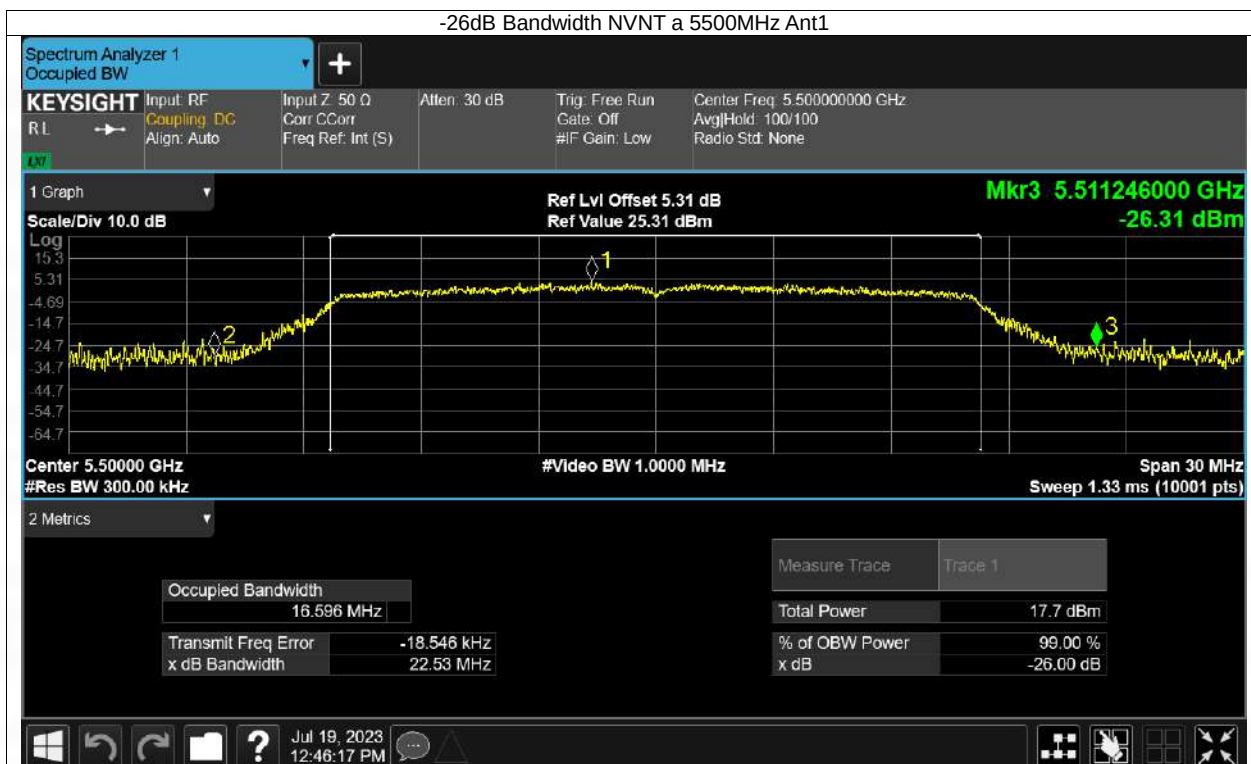
-6dB Bandwidth

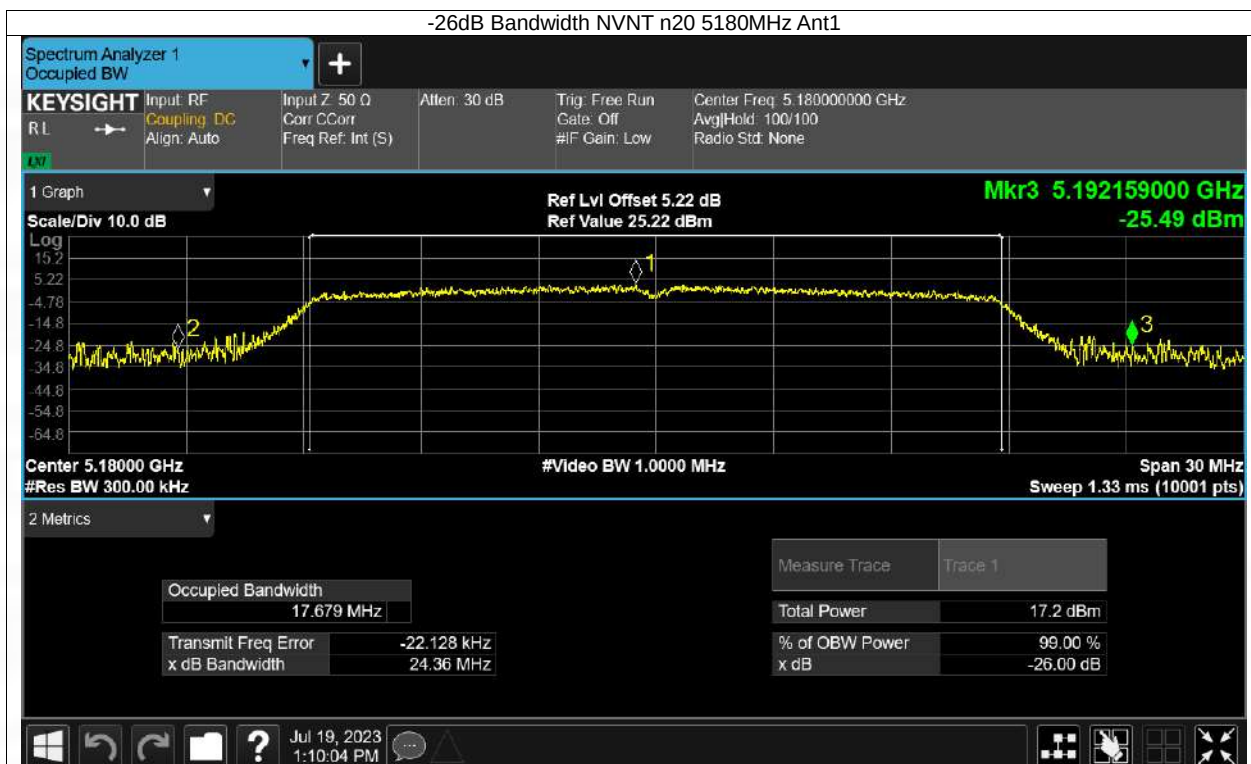
Band	Channel	Frequency (MHz)	-6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
20MHz(IEEE 802.11a/n/ac)						
4	Low	5745	17.53	17.530	> 0.5	Pass
	High	5825	17.509	17.510	> 0.5	Pass
40MHz(IEEE 802.11n/ac)						
4	Low	5755	35.929	35.930	> 0.5	Pass
	High	5795	36.294	36.290	> 0.5	Pass
80MHz(IEEE 802.11ac)						
4	High	5775	75.066	75.070	> 0.5	Pass

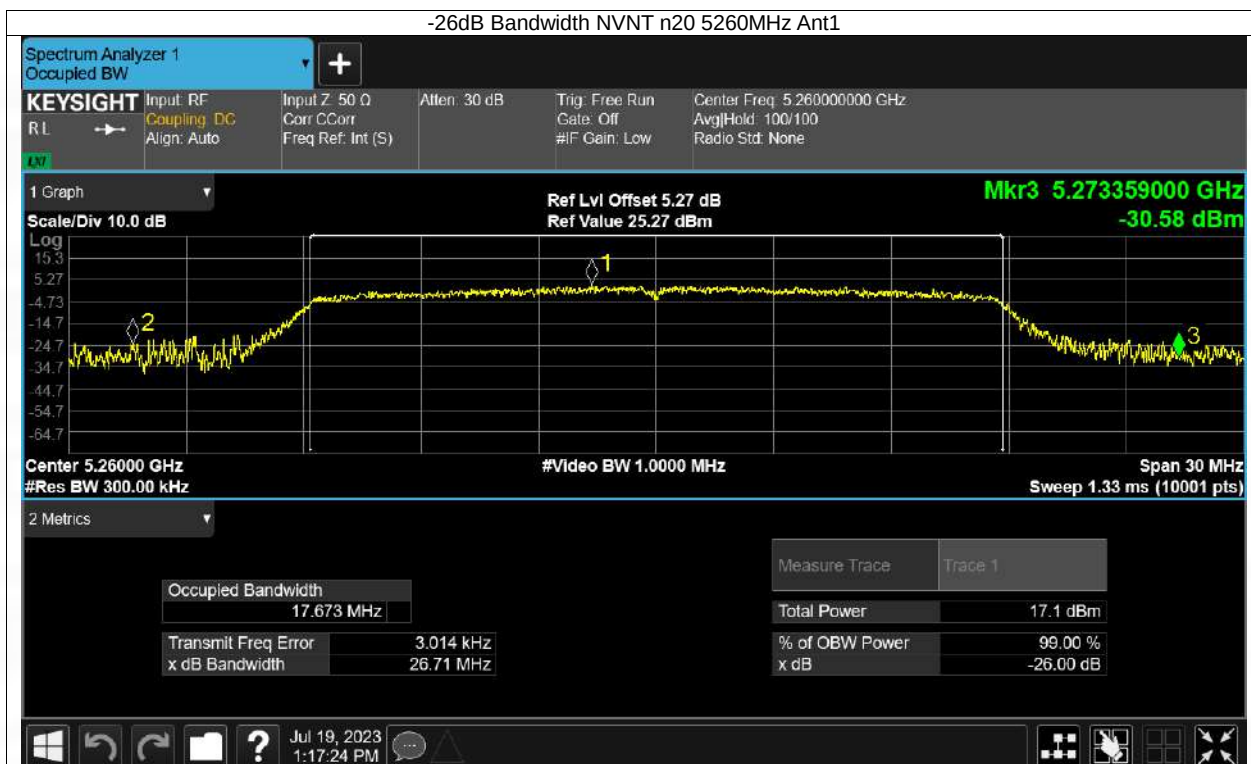
1.1.2 Test Graph

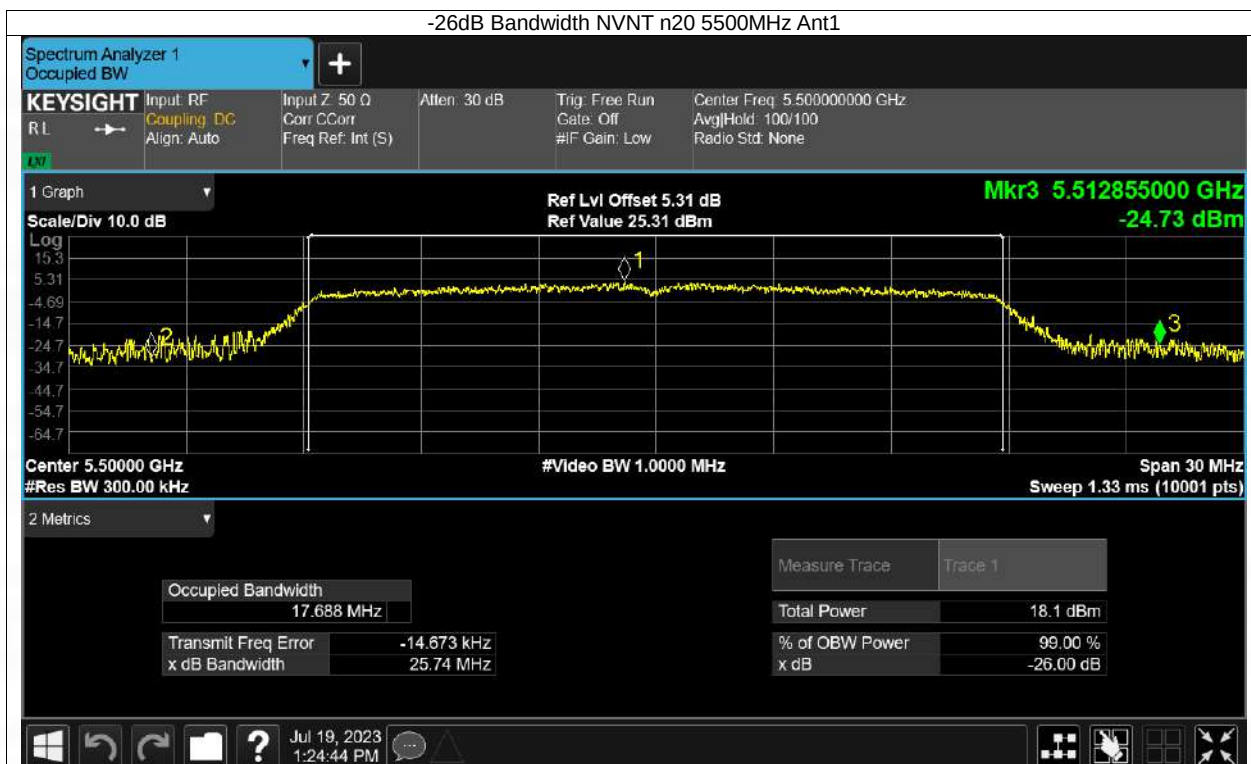


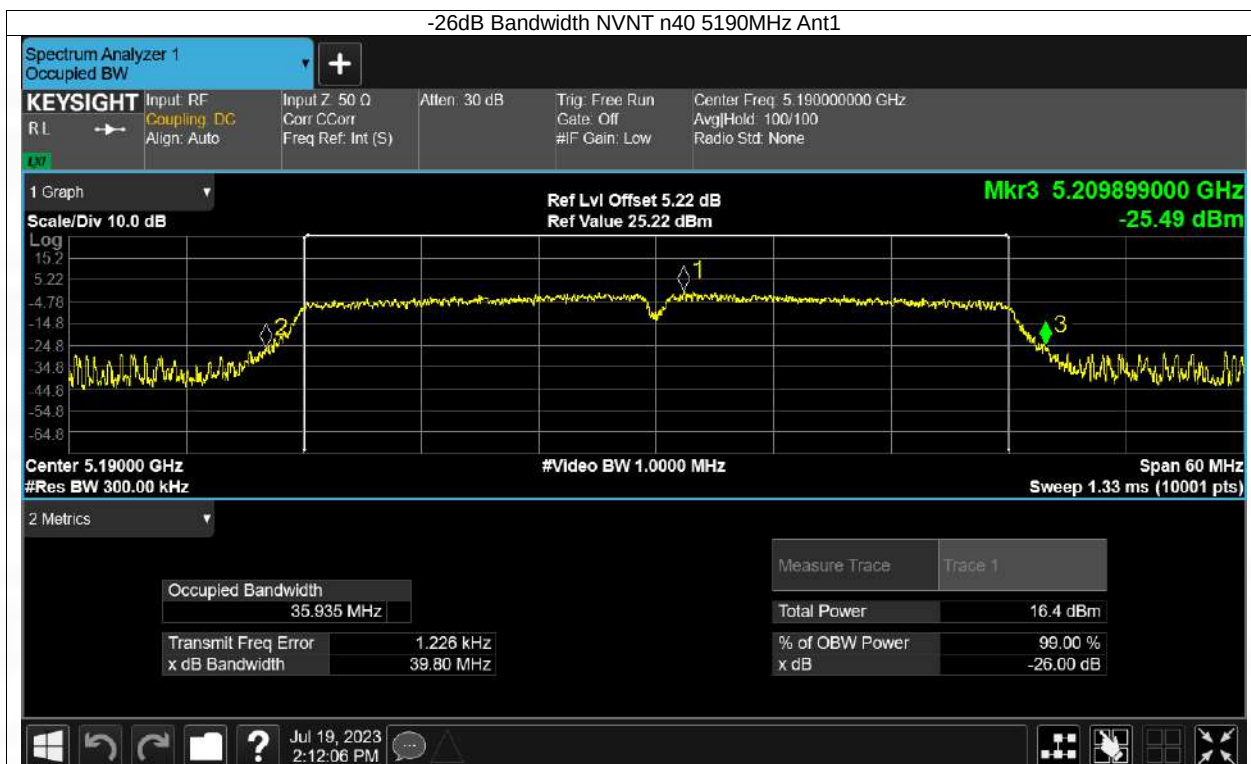


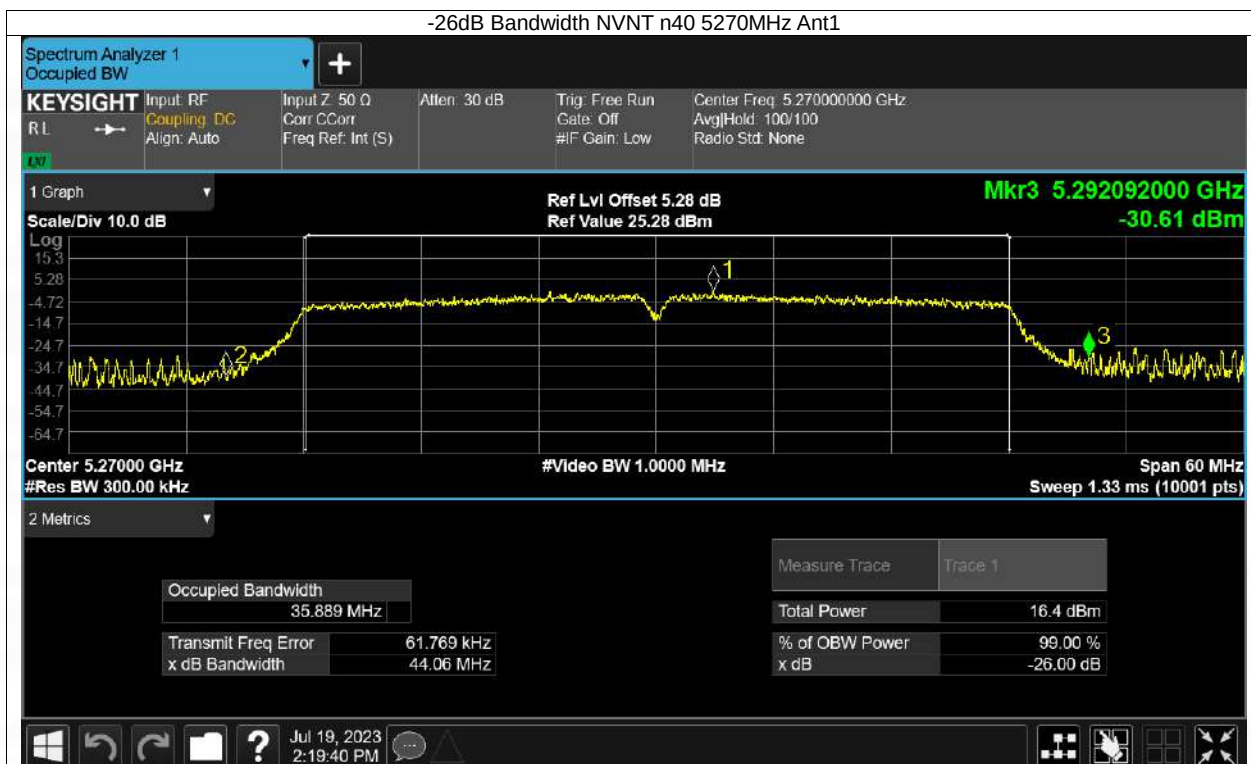


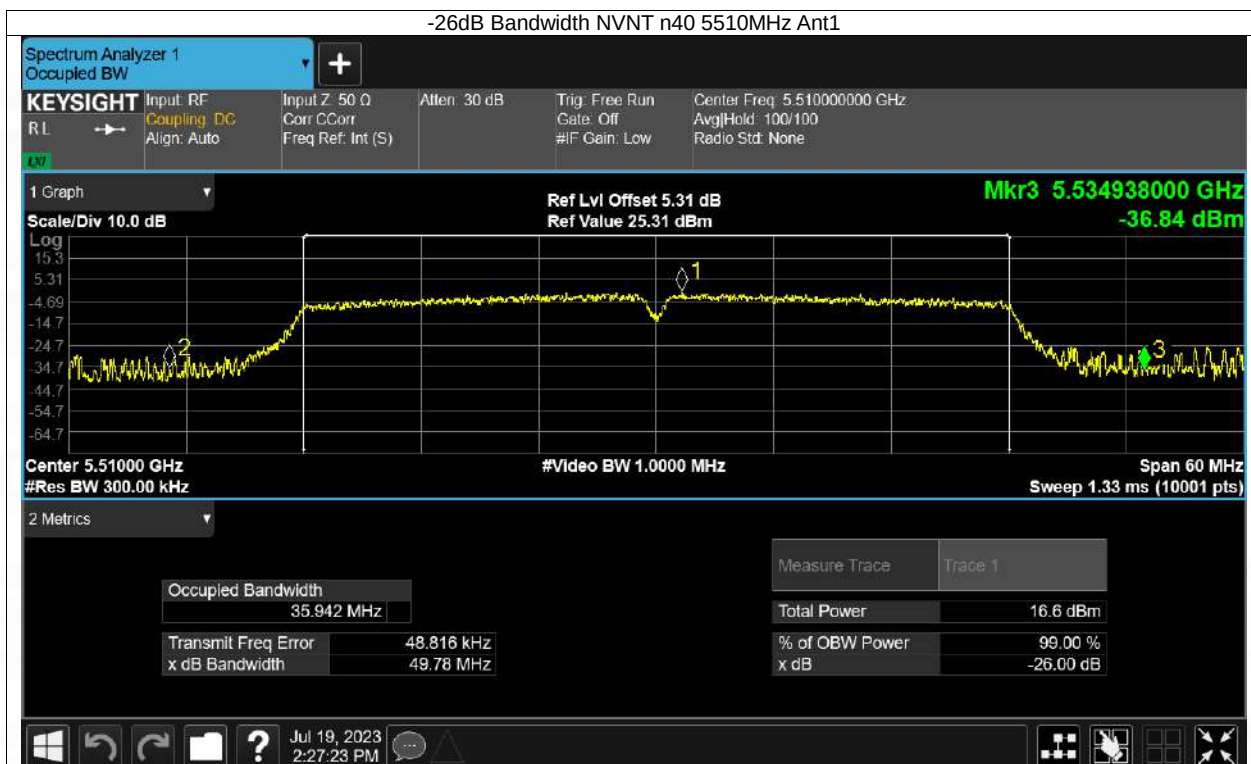


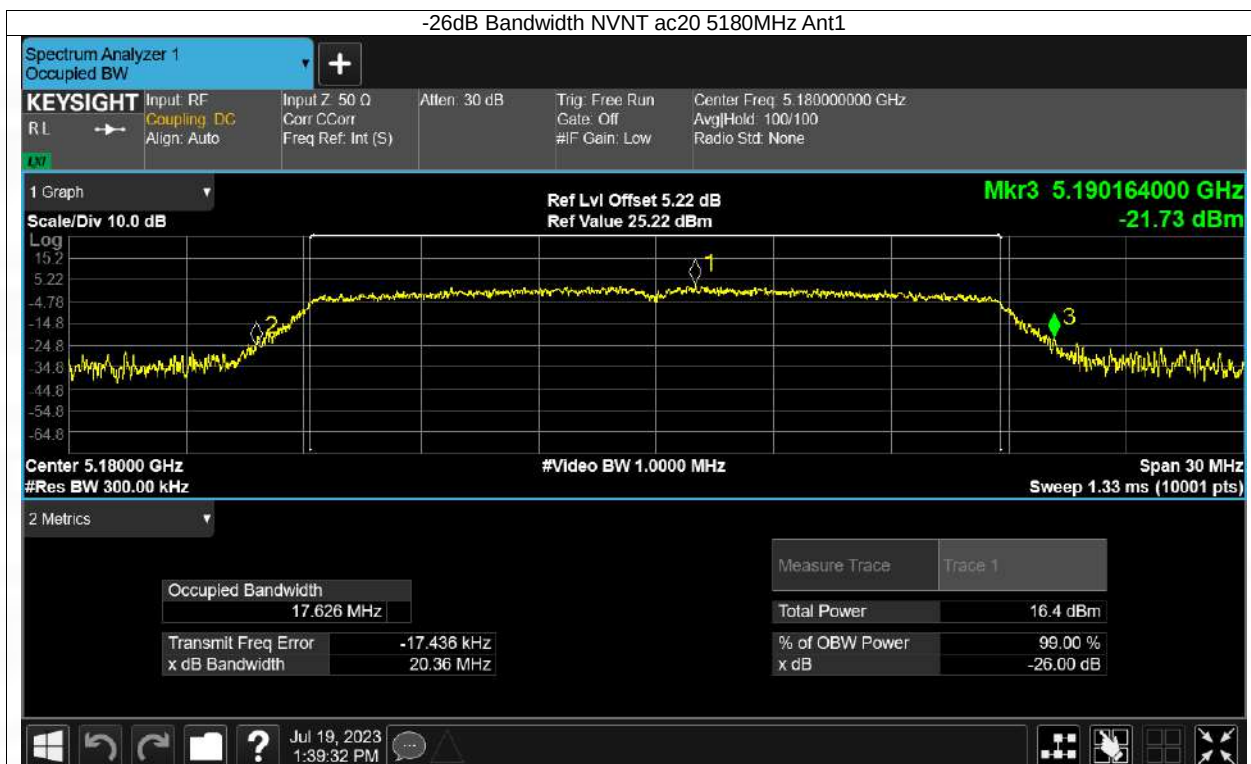


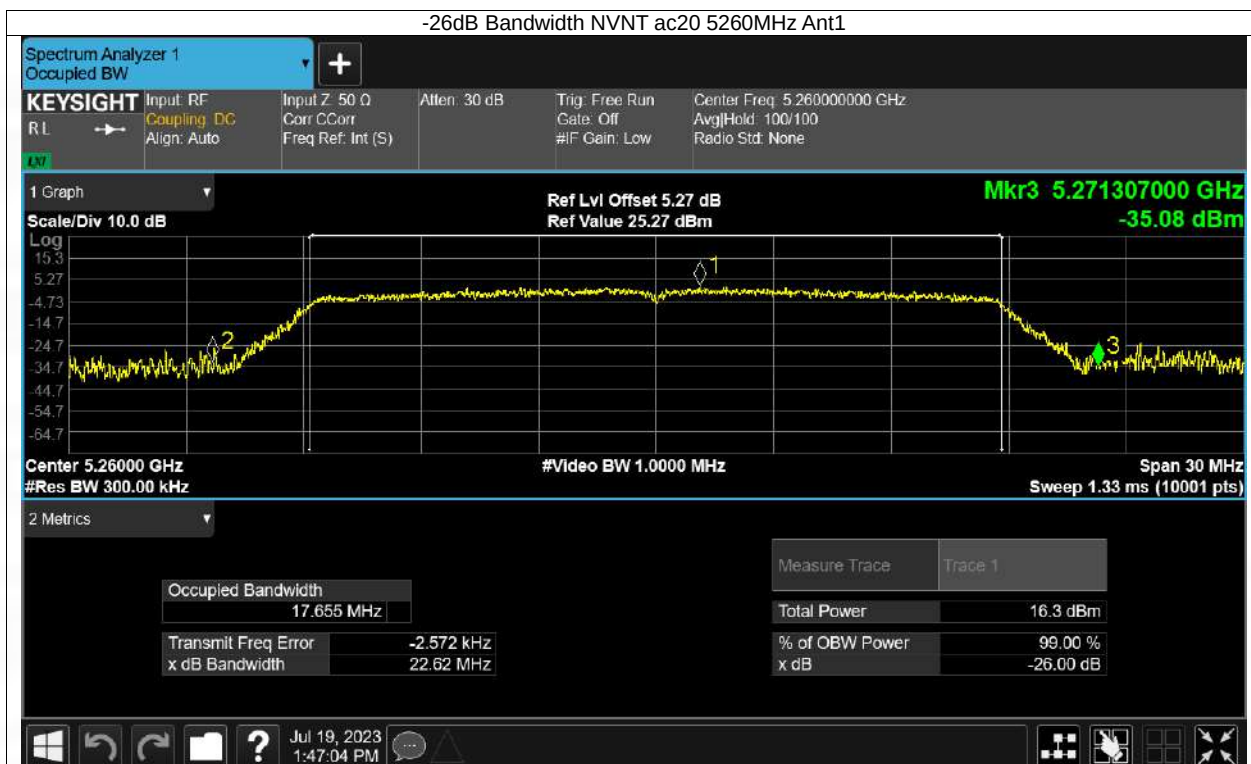




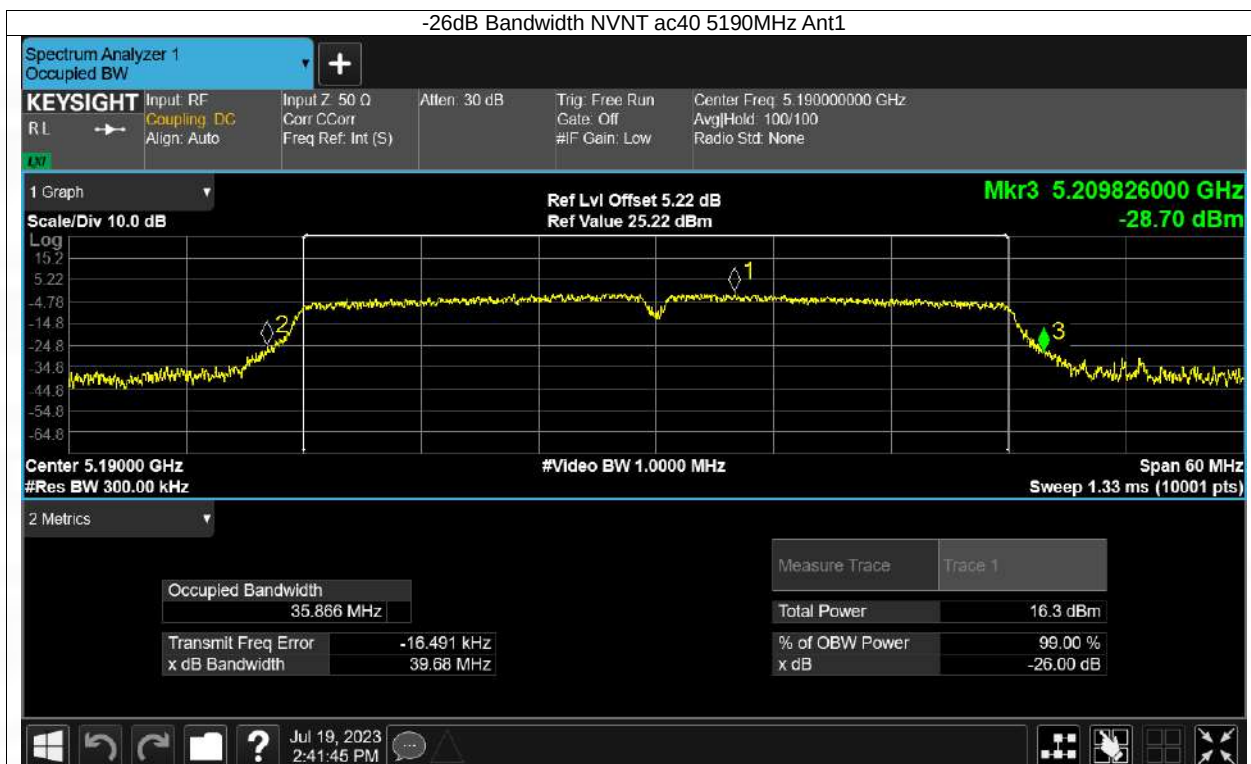






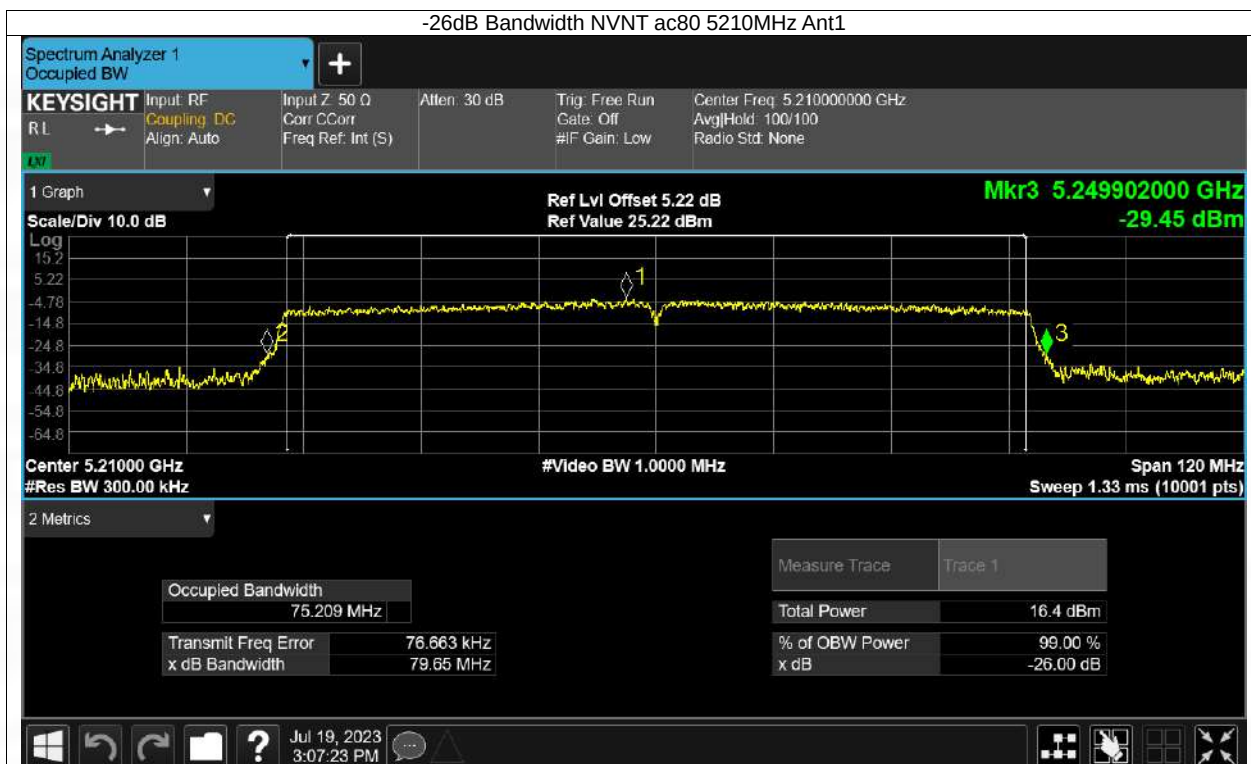


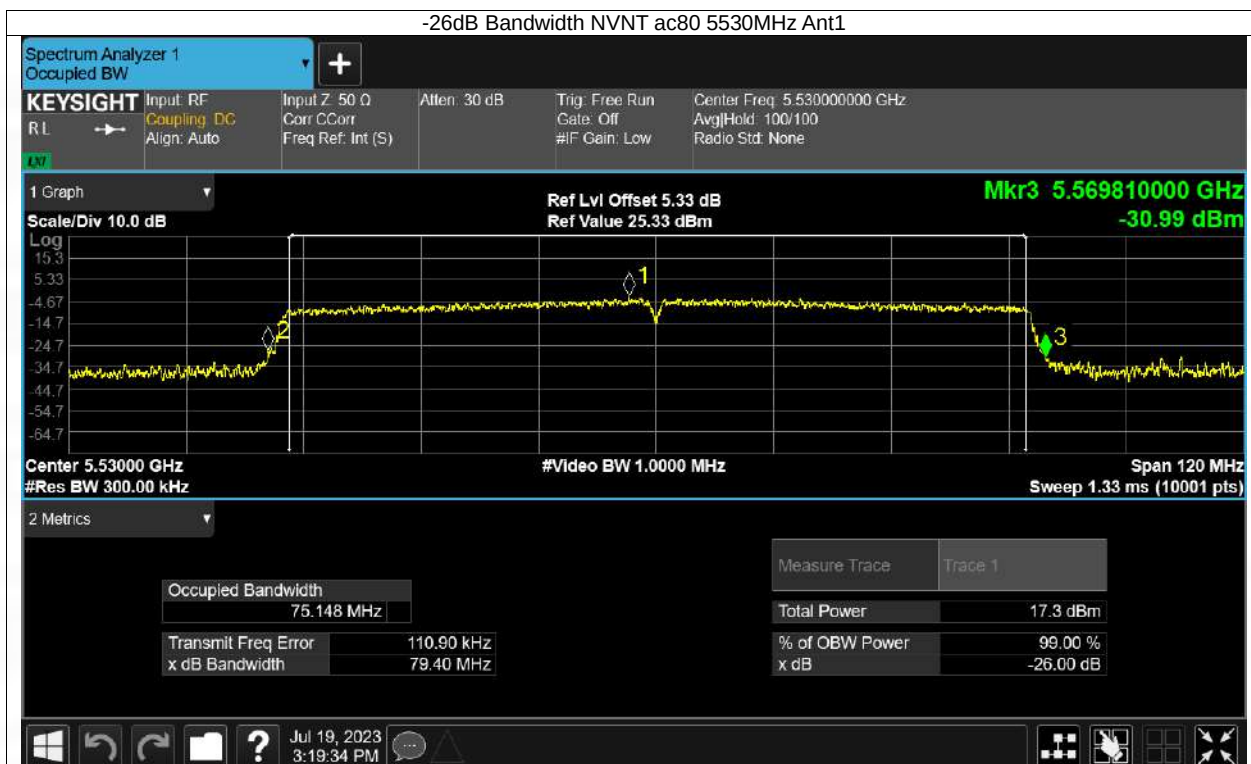




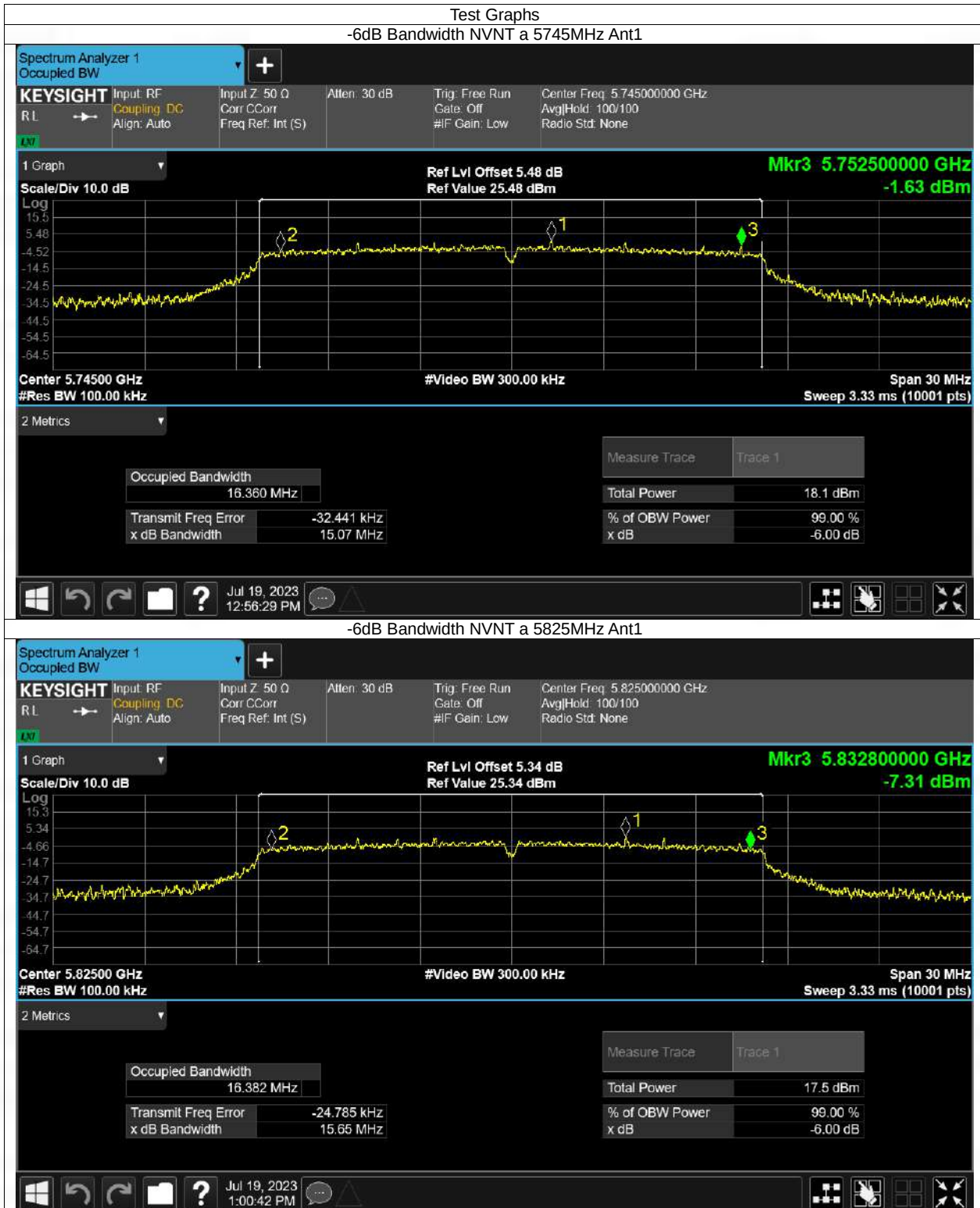


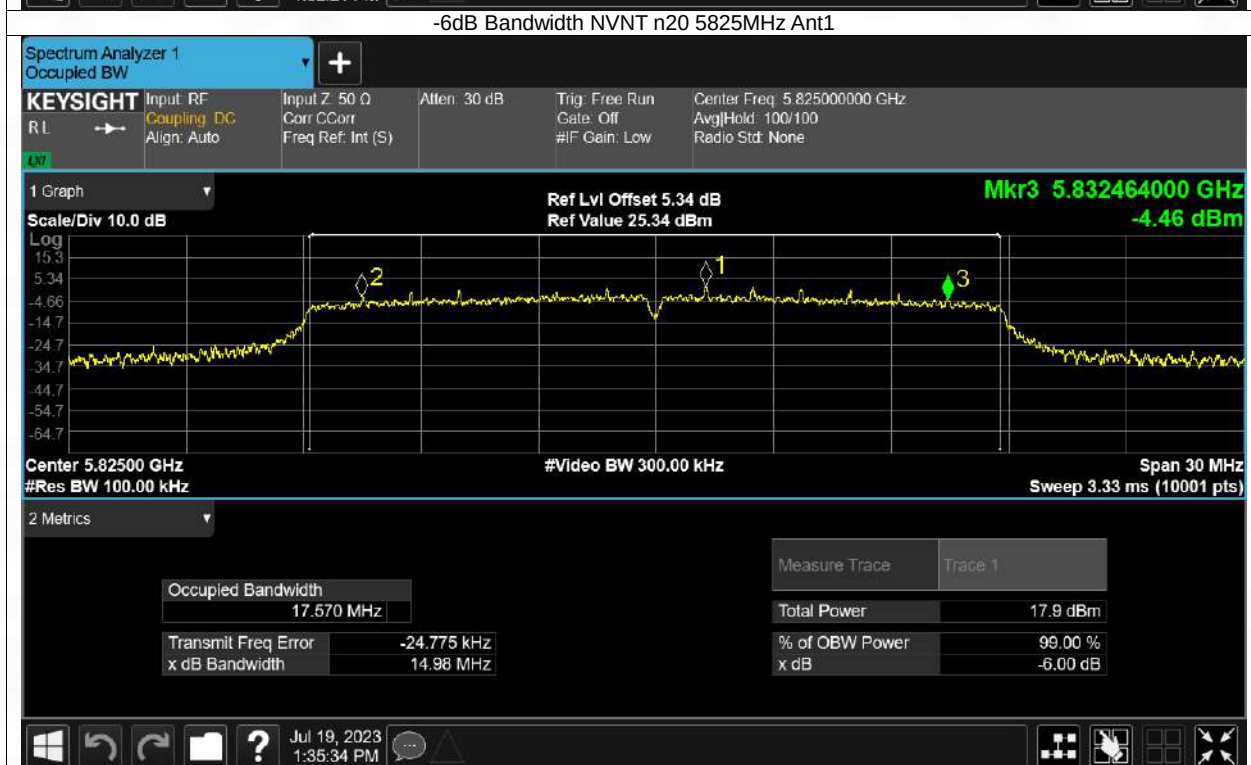
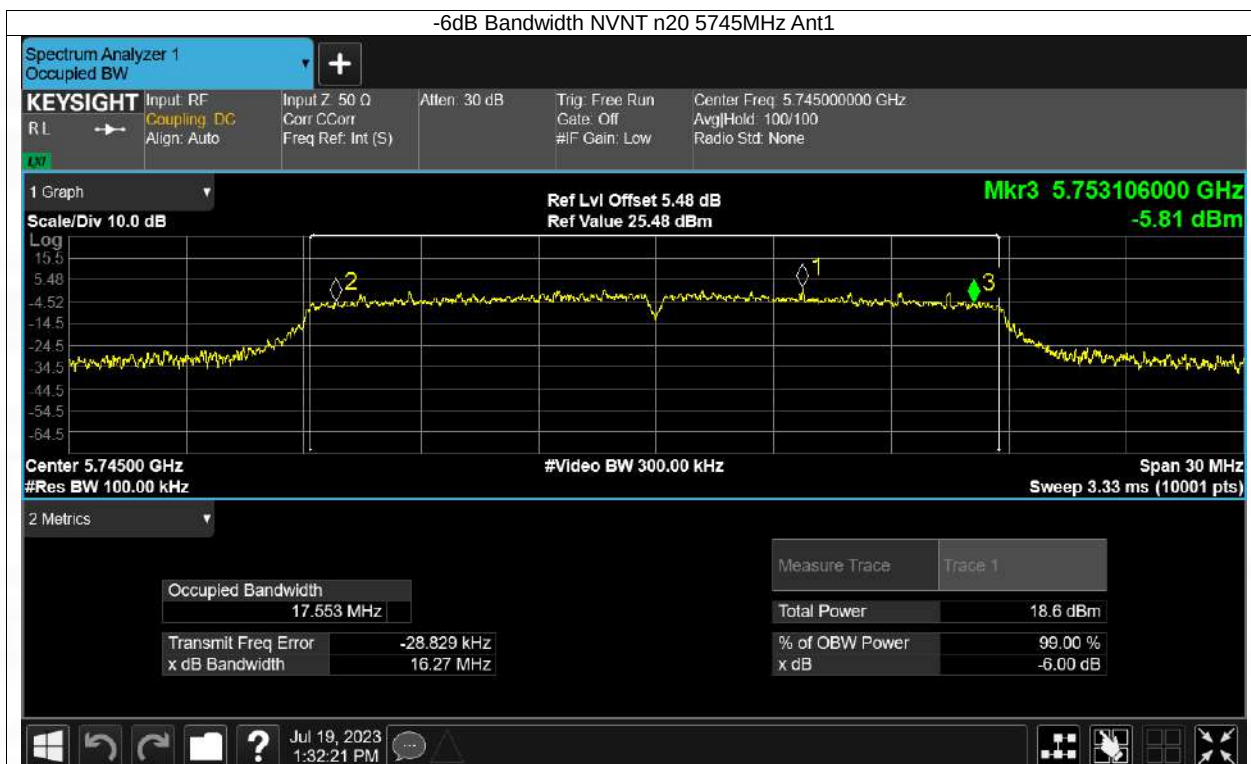


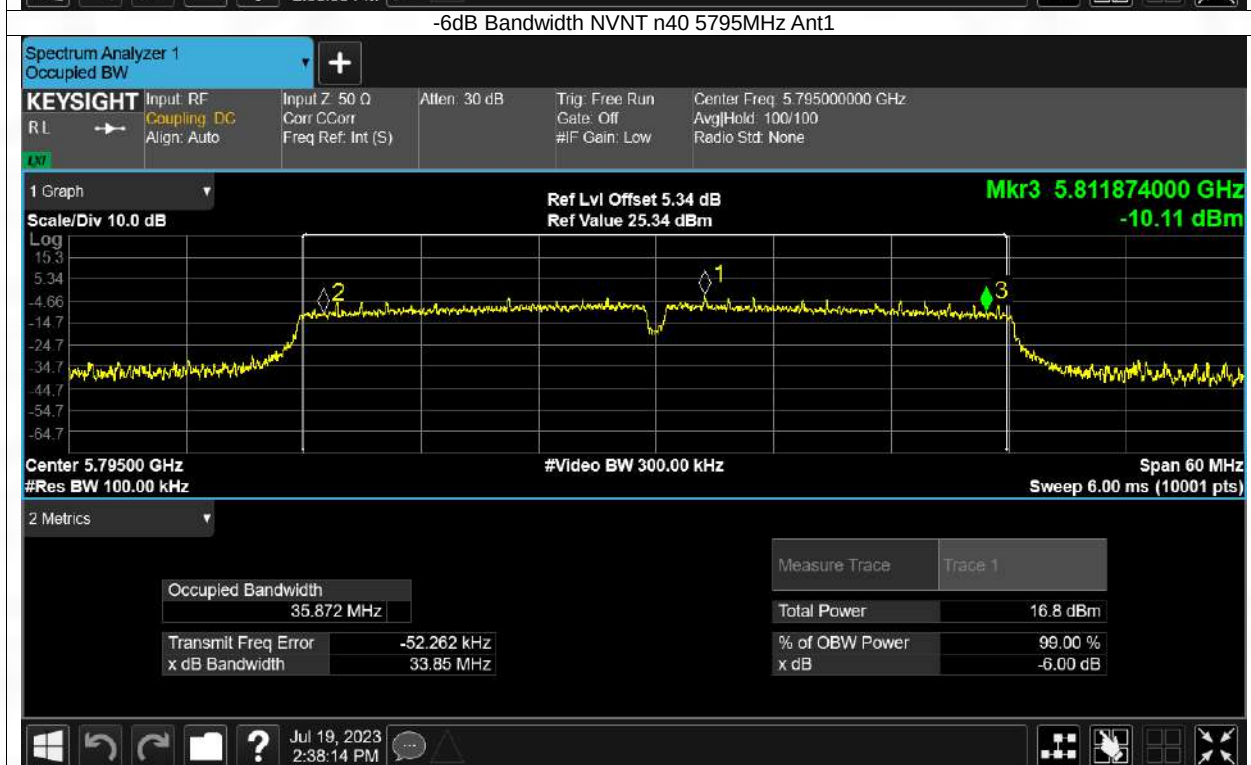
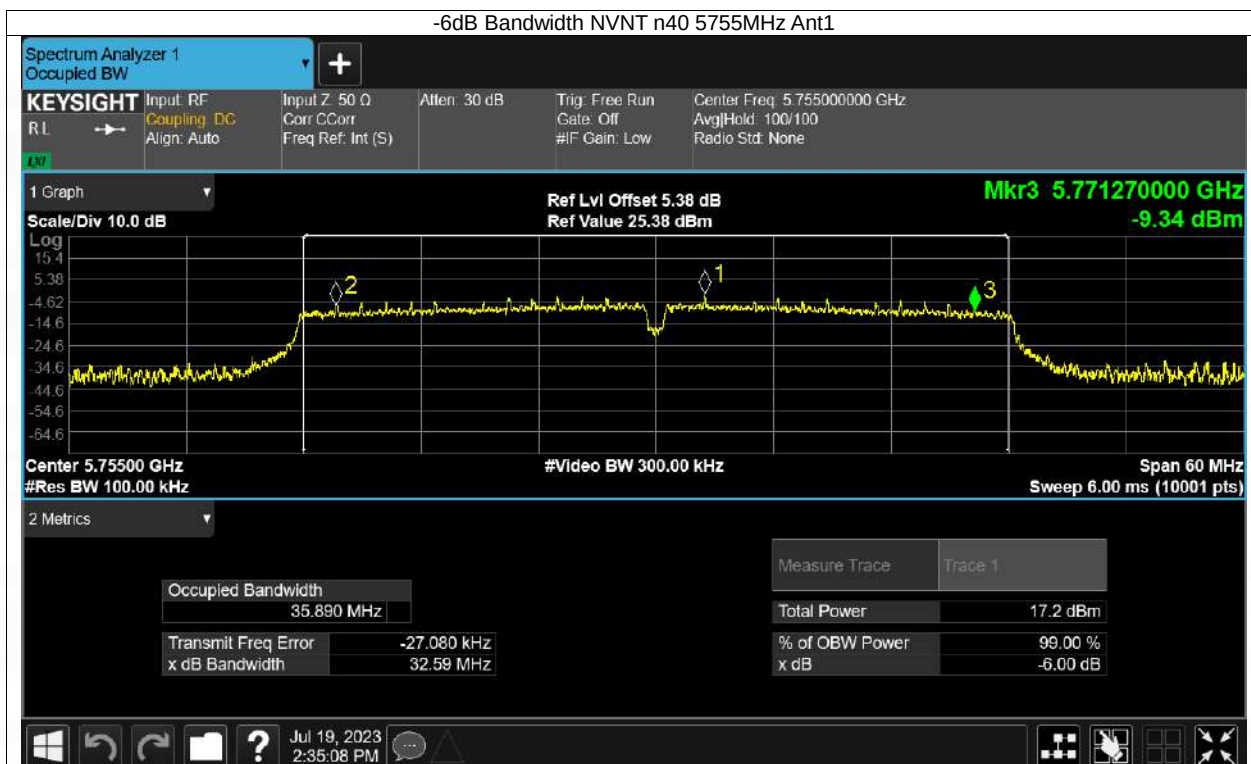


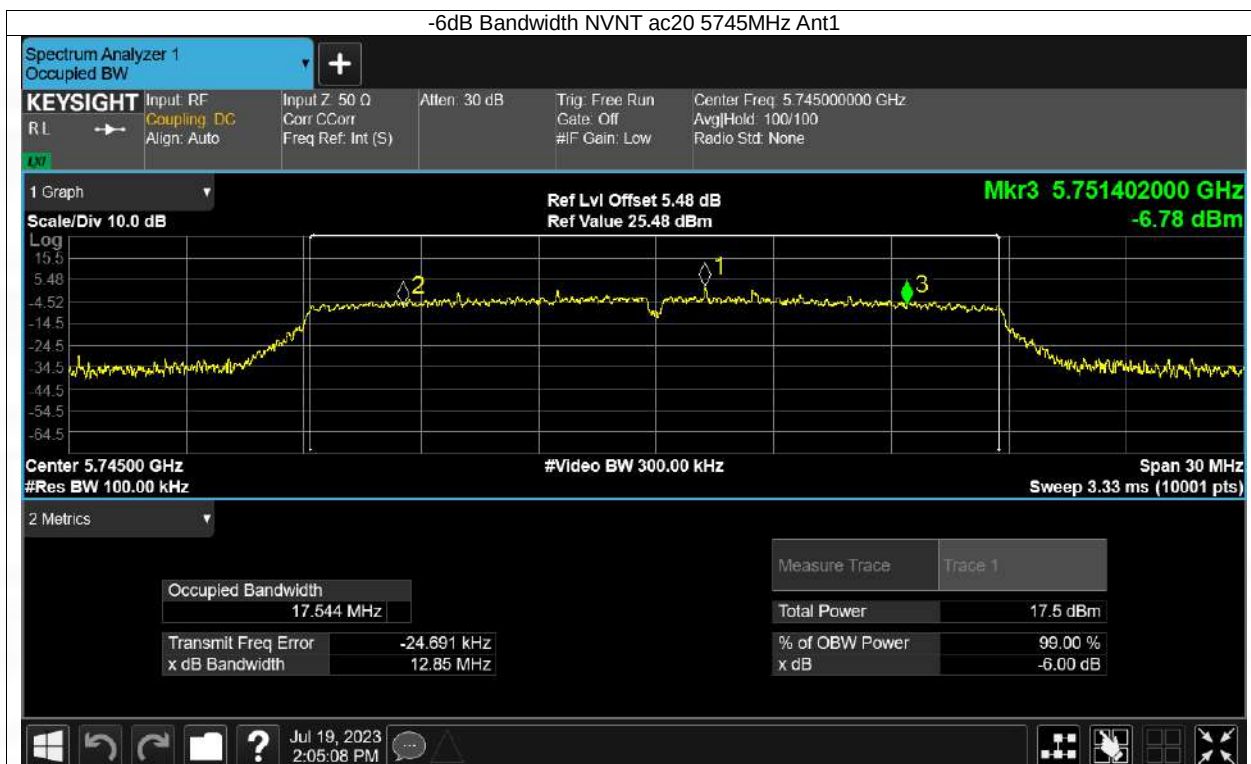


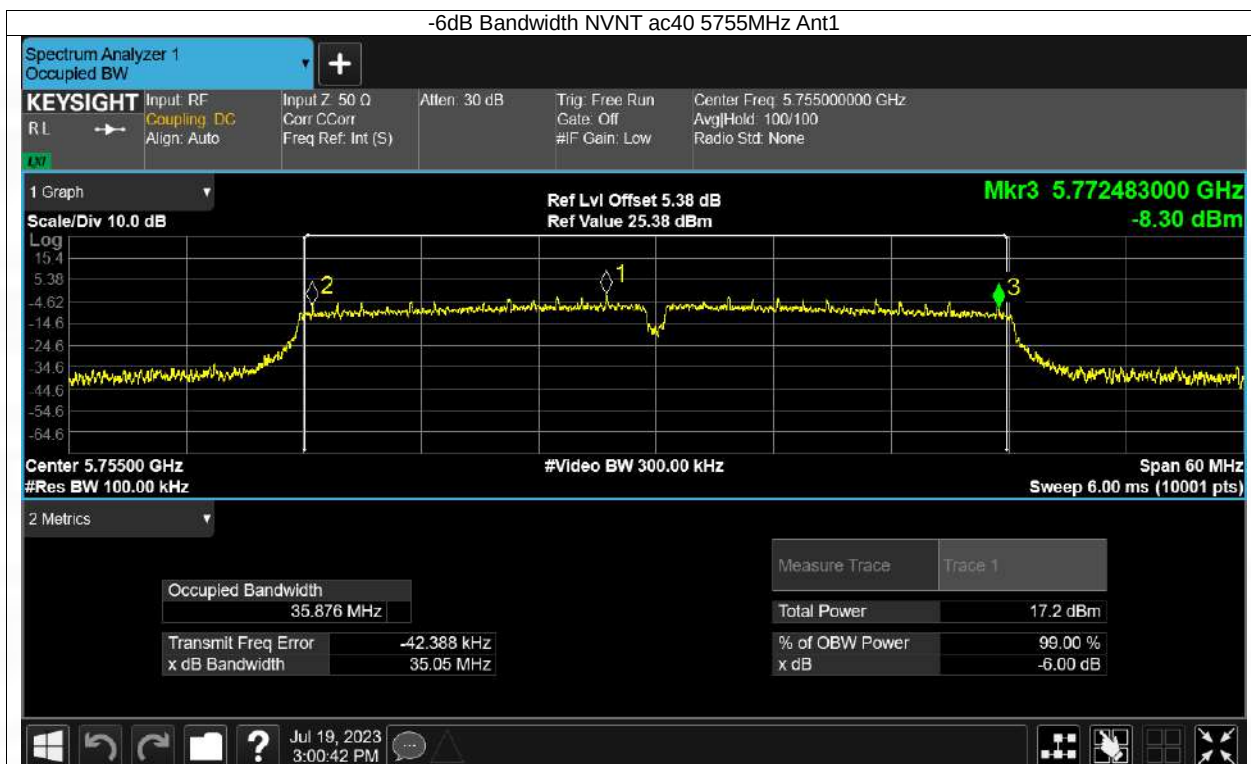
-6dB Bandwidth

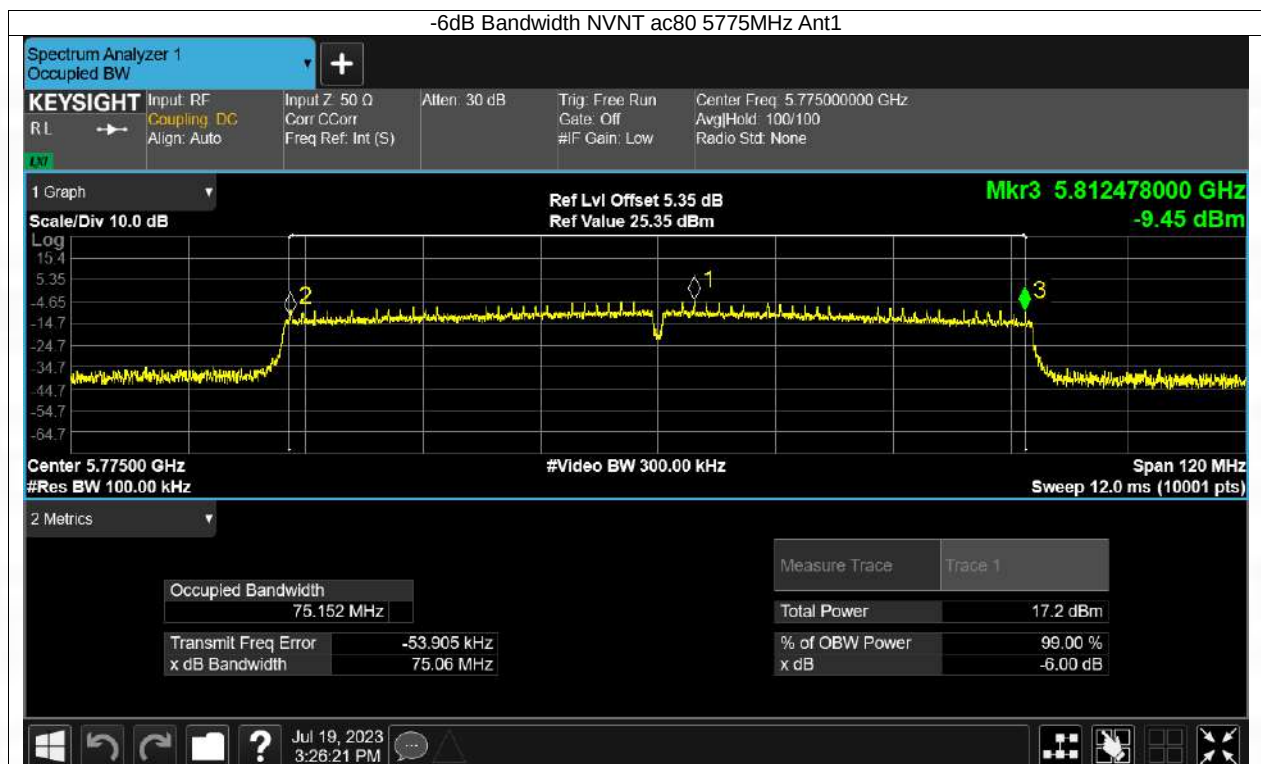












2. Maximum Conducted Output Power

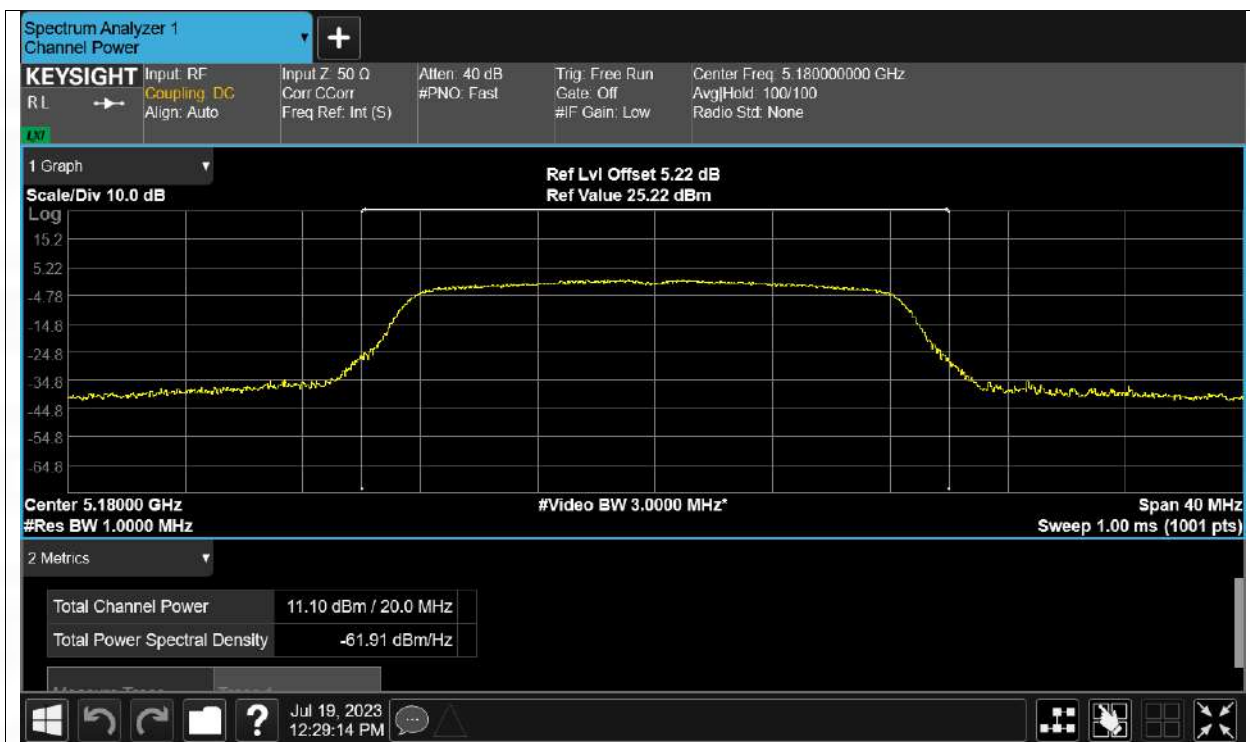
2.1 Power

2.1.1 Test Result

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	11.1	0	11.1	24	Pass
a	5240	Ant1	11.15	0	11.15	24	Pass
a	5260	Ant1	11.2	0	11.2	24	Pass
a	5320	Ant1	13.06	0	13.06	24	Pass
a	5500	Ant1	12.1	0	12.1	24	Pass
a	5700	Ant1	14.25	0	14.25	24	Pass
a	5745	Ant1	12.9	0	12.9	30	Pass
a	5825	Ant1	11.89	0	11.89	30	Pass
n20	5180	Ant1	11.87	0	11.87	24	Pass
n20	5240	Ant1	11.42	0	11.42	24	Pass
n20	5260	Ant1	11.52	0	11.52	24	Pass
n20	5320	Ant1	13.29	0	13.29	24	Pass
n20	5500	Ant1	12.35	0	12.35	24	Pass
n20	5700	Ant1	14.68	0	14.68	24	Pass
n20	5745	Ant1	13.28	0	13.28	30	Pass
n20	5825	Ant1	12.26	0	12.26	30	Pass
n40	5190	Ant1	10.41	0	10.41	24	Pass
n40	5230	Ant1	10.09	0	10.09	24	Pass
n40	5270	Ant1	10.41	0	10.41	24	Pass
n40	5310	Ant1	11.62	0	11.62	24	Pass
n40	5510	Ant1	10.76	0	10.76	24	Pass
n40	5670	Ant1	13.21	0	13.21	24	Pass
n40	5755	Ant1	11.57	0	11.57	30	Pass
n40	5795	Ant1	10.96	0	10.96	30	Pass
ac20	5180	Ant1	11	0	11	24	Pass
ac20	5240	Ant1	10.54	0	10.54	24	Pass
ac20	5260	Ant1	10.62	0	10.62	24	Pass
ac20	5320	Ant1	12.35	0	12.35	24	Pass
ac20	5500	Ant1	11.4	0	11.4	24	Pass
ac20	5700	Ant1	13.71	0	13.71	24	Pass
ac20	5745	Ant1	12.36	0	12.36	30	Pass
ac20	5825	Ant1	11.38	0	11.38	30	Pass
ac40	5190	Ant1	10.43	0	10.43	24	Pass
ac40	5230	Ant1	10.12	0	10.12	24	Pass
ac40	5270	Ant1	10.34	0	10.34	24	Pass
ac40	5310	Ant1	11.56	0	11.56	24	Pass
ac40	5510	Ant1	10.74	0	10.74	24	Pass
ac40	5670	Ant1	13.21	0	13.21	24	Pass
ac40	5755	Ant1	11.57	0	11.57	30	Pass
ac40	5795	Ant1	10.93	0	10.93	30	Pass
ac80	5210	Ant1	9.97	0	9.97	24	Pass
ac80	5290	Ant1	10.75	0	10.75	24	Pass
ac80	5530	Ant1	10.79	0	10.79	24	Pass
ac80	5610	Ant1	11.95	0	11.95	24	Pass
ac80	5775	Ant1	11.01	0	11.01	30	Pass

2.1.2 Test Graph

Test Graphs
Power NVNT a 5180MHz Ant1



Power NVNT a 5240MHz Ant1

