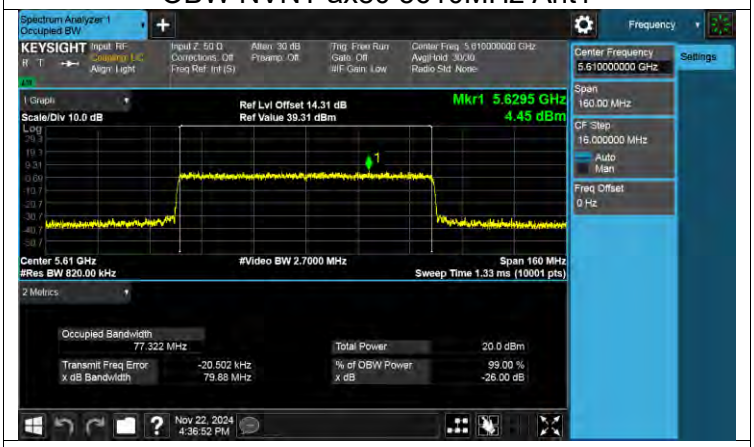
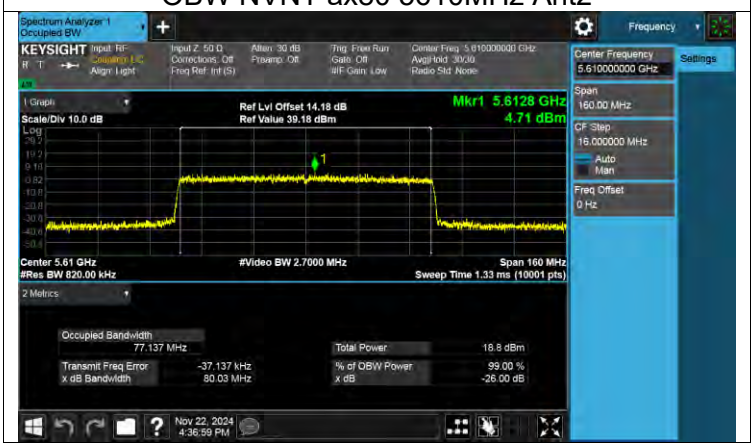
OBW NVNT ax80 5530MHz Ant2

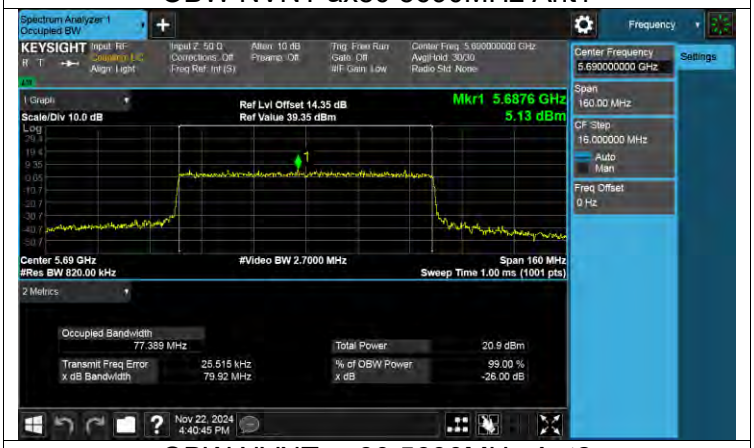
OBW NVNT ax80 5610MHz Ant1



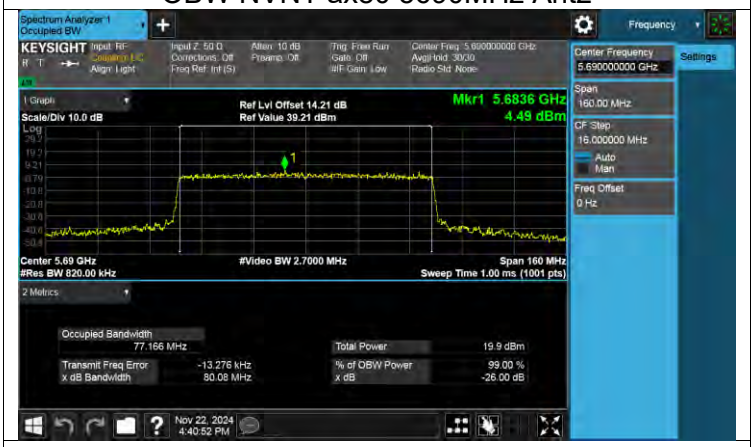
OBW NVNT ax80 5610MHz Ant2



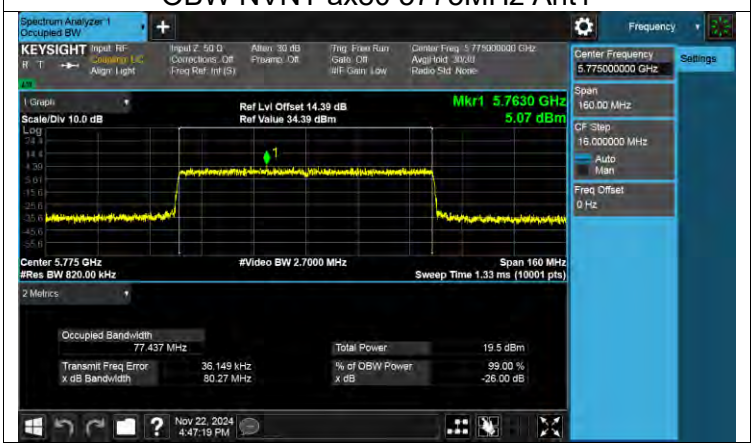
OBW NVNT ax80 5690MHz Ant1



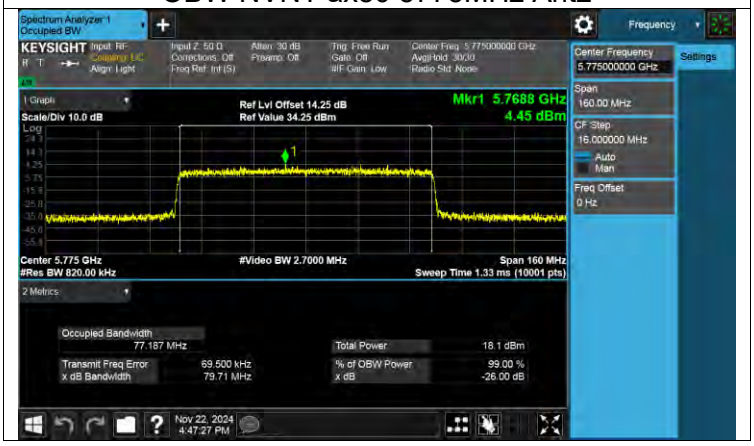
OBW NVNT ax80 5690MHz Ant2



OBW NVNT ax80 5775MHz Ant1



OBW NVNT ax80 5775MHz Ant2



Appendix E:Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Power (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	13.56	≤23.98	---	13.23	≤22.25	Pass
a	5180	Ant2	13.84	≤23.98	---	13.51	≤22.25	Pass
a	5180	Sum	16.71	≤23.98	---	16.38	≤22.25	Pass
a	5200	Ant1	13.33	≤23.98	---	13	≤22.26	Pass
a	5200	Ant2	13.97	≤23.98	---	13.64	≤22.26	Pass
a	5200	Sum	16.67	≤23.98	---	16.34	≤22.26	Pass
a	5240	Ant1	13.16	≤23.98	---	12.83	≤22.20	Pass
a	5240	Ant2	13.89	≤23.98	---	13.56	≤22.18	Pass
a	5240	Sum	16.55	≤23.98	---	16.22	≤22.18	Pass
a	5260	Ant1	15.63	≤23.98	≤23.19	15.3	≤29.19	Pass
a	5260	Ant2	16.95	≤23.98	≤23.19	16.62	≤29.19	Pass
a	5260	Sum	19.35	≤23.98	≤23.19	19.02	≤29.19	Pass
a	5280	Ant1	15.25	≤23.98	≤23.19	14.92	≤29.19	Pass
a	5280	Ant2	16.78	≤23.98	≤23.20	16.45	≤29.20	Pass
a	5280	Sum	19.09	≤23.98	≤23.19	18.76	≤29.19	Pass
a	5320	Ant1	14.83	≤23.98	≤23.26	14.5	≤29.26	Pass
a	5320	Ant2	16.24	≤23.98	≤23.27	15.91	≤29.27	Pass
a	5320	Sum	18.6	≤23.98	≤23.26	18.27	≤29.26	Pass
a	5500	Ant1	16.63	≤23.98	≤23.26	16.3	≤29.26	Pass
a	5500	Ant2	15.5	≤23.98	≤23.24	15.17	≤29.24	Pass
a	5500	Sum	19.11	≤23.98	≤23.24	18.78	≤29.24	Pass
a	5580	Ant1	16.78	≤23.98	≤23.19	16.45	≤29.19	Pass
a	5580	Ant2	15.89	≤23.98	≤23.19	15.56	≤29.19	Pass
a	5580	Sum	19.37	≤23.98	≤23.19	19.04	≤29.19	Pass
a	5700	Ant1	16.82	≤23.98	≤23.24	16.49	≤29.24	Pass
a	5700	Ant2	15.79	≤23.98	≤23.27	15.46	≤29.27	Pass
a	5700	Sum	19.35	≤23.98	≤23.24	19.02	≤29.24	Pass
a	5720 Low	Ant1	16.07	≤23.02	≤22.26	15.74	≤22.26	Pass
a	5720 High	Ant1	9.79	≤30.00	≤30.00	9.46	---	Pass
a	5720 Low	Ant2	15.5	≤23.16	≤22.26	15.17	≤28.26	Pass
a	5720 High	Ant2	9.19	≤30.00	≤30.00	8.86	---	Pass
a	5720 Low	Sum	18.8	≤23.02	≤22.26	18.47	≤28.26	Pass
a	5720 High	Sum	12.51	≤30.00	≤30.00	12.18	---	Pass
a	5745	Ant1	16.33	≤30.00	≤30.00	16	---	Pass
a	5745	Ant2	15.27	≤30.00	≤30.00	14.94	---	Pass
a	5745	Sum	18.84	≤30.00	≤30.00	18.51	---	Pass
a	5785	Ant1	15.99	≤30.00	≤30.00	15.66	---	Pass
a	5785	Ant2	15.27	≤30.00	≤30.00	14.94	---	Pass
a	5785	Sum	18.66	≤30.00	≤30.00	18.33	---	Pass
a	5825	Ant1	16.34	≤30.00	≤30.00	16.01	---	Pass
a	5825	Ant2	14.75	≤30.00	≤30.00	14.42	---	Pass
a	5825	Sum	18.63	≤30.00	≤30.00	18.3	---	Pass
n20	5180	Ant1	13.6	≤23.98	---	13.27	≤22.55	Pass
n20	5180	Ant2	13.89	≤23.98	---	13.56	≤22.53	Pass
n20	5180	Sum	16.76	≤23.98	---	16.43	≤22.53	Pass
n20	5200	Ant1	13.29	≤23.98	---	12.96	≤22.54	Pass

n20	5200	Ant2	13.92	≤23.98	---	13.59	≤22.55	Pass
n20	5200	Sum	16.63	≤23.98	---	16.3	≤22.54	Pass
n20	5240	Ant1	13.94	≤23.98	---	13.61	≤22.49	Pass
n20	5240	Ant2	14.64	≤23.98	---	14.31	≤22.49	Pass
n20	5240	Sum	17.31	≤23.98	---	16.98	≤22.49	Pass
n20	5260	Ant1	15.62	≤23.98	≤23.49	15.29	≤29.49	Pass
n20	5260	Ant2	16.55	≤23.98	≤23.48	16.22	≤29.48	Pass
n20	5260	Sum	19.12	≤23.98	≤23.48	18.79	≤29.48	Pass
n20	5280	Ant1	15.7	≤23.98	≤23.51	15.37	≤29.51	Pass
n20	5280	Ant2	16.55	≤23.98	≤23.50	16.22	≤29.50	Pass
n20	5280	Sum	19.16	≤23.98	≤23.50	18.83	≤29.50	Pass
n20	5320	Ant1	15.07	≤23.98	≤23.58	14.74	≤29.58	Pass
n20	5320	Ant2	16.1	≤23.98	≤23.55	15.77	≤29.55	Pass
n20	5320	Sum	18.63	≤23.98	≤23.55	18.3	≤29.55	Pass
n20	5500	Ant1	16.94	≤23.98	≤23.55	16.61	≤29.55	Pass
n20	5500	Ant2	15.54	≤23.98	≤23.55	15.21	≤29.55	Pass
n20	5500	Sum	19.31	≤23.98	≤23.55	18.98	≤29.55	Pass
n20	5580	Ant1	17.14	≤23.98	≤23.50	16.81	≤29.50	Pass
n20	5580	Ant2	15.85	≤23.98	≤23.50	15.52	≤29.50	Pass
n20	5580	Sum	19.55	≤23.98	≤23.50	19.22	≤29.50	Pass
n20	5700	Ant1	16.74	≤23.98	≤23.57	16.41	≤29.57	Pass
n20	5700	Ant2	15.55	≤23.98	≤23.54	15.22	≤29.54	Pass
n20	5700	Sum	19.2	≤23.98	≤23.54	18.87	≤29.54	Pass
n20	5720 Low	Ant1	16.29	≤23.11	≤22.46	15.96	≤28.46	Pass
n20	5720 High	Ant1	10.73	≤30.00	≤30.00	10.4	---	Pass
n20	5720 Low	Ant2	15.56	≤23.11	≤22.45	15.23	≤28.45	Pass
n20	5720 High	Ant2	9.84	≤30.00	≤30.00	9.51	---	Pass
n20	5720 Low	Sum	18.95	≤23.11	≤22.45	18.62	≤28.45	Pass
n20	5720 High	Sum	13.32	≤30.00	≤30.00	12.99	---	Pass
n20	5745	Ant1	16.34	≤30.00	≤30.00	16.01	---	Pass
n20	5745	Ant2	15.23	≤30.00	≤30.00	14.9	---	Pass
n20	5745	Sum	18.83	≤30.00	≤30.00	18.5	---	Pass
n20	5785	Ant1	16.19	≤30.00	≤30.00	15.86	---	Pass
n20	5785	Ant2	15.13	≤30.00	≤30.00	14.8	---	Pass
n20	5785	Sum	18.7	≤30.00	≤30.00	18.37	---	Pass
n20	5825	Ant1	16.45	≤30.00	≤30.00	16.12	---	Pass
n20	5825	Ant2	14.63	≤30.00	≤30.00	14.3	---	Pass
n20	5825	Sum	18.64	≤30.00	≤30.00	18.31	---	Pass
n40	5190	Ant1	15.17	≤23.98	---	14.84	≤23.00	Pass
n40	5190	Ant2	15.52	≤23.98	---	15.19	≤23.00	Pass
n40	5190	Sum	18.36	≤23.98	---	18.03	≤23.00	Pass
n40	5230	Ant1	15.17	≤23.98	---	14.84	≤23.00	Pass
n40	5230	Ant2	15.82	≤23.98	---	15.49	≤23.00	Pass
n40	5230	Sum	18.52	≤23.98	---	18.19	≤23.00	Pass
n40	5270	Ant1	15.36	≤23.98	≤23.98	15.03	≤30.00	Pass
n40	5270	Ant2	16.19	≤23.98	≤23.98	15.86	≤30.00	Pass
n40	5270	Sum	18.81	≤23.98	≤23.98	18.48	≤30.00	Pass
n40	5310	Ant1	15.08	≤23.98	≤23.98	14.75	≤30.00	Pass
n40	5310	Ant2	16.12	≤23.98	≤23.98	15.79	≤30.00	Pass
n40	5310	Sum	18.64	≤23.98	≤23.98	18.31	≤30.00	Pass
n40	5510	Ant1	16.62	≤23.98	≤23.98	16.29	≤30.00	Pass

n40	5510	Ant2	15.32	≤23.98	≤23.98	14.99	≤30.00	Pass
n40	5510	Sum	19.03	≤23.98	≤23.98	18.7	≤30.00	Pass
n40	5550	Ant1	16.73	≤23.98	≤23.98	16.4	≤30.00	Pass
n40	5550	Ant2	15.35	≤23.98	≤23.98	15.02	≤30.00	Pass
n40	5550	Sum	19.1	≤23.98	≤23.98	18.77	≤30.00	Pass
n40	5670	Ant1	16.39	≤23.98	≤23.98	16.06	≤30.00	Pass
n40	5670	Ant2	15.81	≤23.98	≤23.98	15.48	≤30.00	Pass
n40	5670	Sum	19.12	≤23.98	≤23.98	18.79	≤30.00	Pass
n40	5710 Low	Ant1	16.68	≤23.98	≤23.98	16.35	≤30.00	Pass
n40	5710 High	Ant1	4.56	≤30.00	≤30.00	4.23	---	Pass
n40	5710 Low	Ant2	15.57	≤23.98	≤23.98	15.24	≤30.00	Pass
n40	5710 High	Ant2	3.3	≤30.00	≤30.00	2.97	---	Pass
n40	5710 Low	Sum	19.17	≤23.98	≤23.98	18.84	≤30.00	Pass
n40	5710 High	Sum	6.99	≤30.00	≤30.00	6.66	---	Pass
n40	5755	Ant1	16.85	≤30.00	≤30.00	16.52	---	Pass
n40	5755	Ant2	15.57	≤30.00	≤30.00	15.24	---	Pass
n40	5755	Sum	19.27	≤30.00	≤30.00	18.94	---	Pass
n40	5795	Ant1	16.71	≤30.00	≤30.00	16.38	---	Pass
n40	5795	Ant2	15.37	≤30.00	≤30.00	15.04	---	Pass
n40	5795	Sum	19.1	≤30.00	≤30.00	18.77	---	Pass
ac80	5210	Ant1	14.39	≤23.98	---	14.06	≤23.00	Pass
ac80	5210	Ant2	14.64	≤23.98	---	14.31	≤23.00	Pass
ac80	5210	Sum	17.53	≤23.98	---	17.2	≤23.00	Pass
ac80	5290	Ant1	14.49	≤23.98	≤23.98	14.16	≤30.00	Pass
ac80	5290	Ant2	15.52	≤23.98	≤23.98	15.19	≤30.00	Pass
ac80	5290	Sum	18.05	≤23.98	≤23.98	17.72	≤30.00	Pass
ac80	5530	Ant1	16.56	≤23.98	≤23.98	16.23	≤30.00	Pass
ac80	5530	Ant2	15.23	≤23.98	≤23.98	14.9	≤30.00	Pass
ac80	5530	Sum	18.96	≤23.98	≤23.98	18.63	≤30.00	Pass
ac80	5610	Ant1	16.35	≤23.98	≤23.98	16.02	≤30.00	Pass
ac80	5610	Ant2	15.07	≤23.98	≤23.98	14.74	≤30.00	Pass
ac80	5610	Sum	18.77	≤23.98	≤23.98	18.44	≤30.00	Pass
ac80	5690 Low	Ant1	16.48	≤23.98	≤23.98	16.15	≤30.00	Pass
ac80	5690 High	Ant1	2.51	≤30.00	≤30.00	2.18	---	Pass
ac80	5690 Low	Ant2	15.51	≤23.98	≤23.98	15.18	≤30.00	Pass
ac80	5690 High	Ant2	0.92	≤30.00	≤30.00	0.59	---	Pass
ac80	5690 Low	Sum	19.03	≤23.98	≤23.98	18.7	≤30.00	Pass
ac80	5690 High	Sum	4.8	≤30.00	≤30.00	4.47	---	Pass
ac80	5775	Ant1	16.58	≤30.00	≤30.00	16.25	---	Pass
ac80	5775	Ant2	15.16	≤30.00	≤30.00	14.83	---	Pass
ac80	5775	Sum	18.94	≤30.00	≤30.00	18.61	---	Pass
ax20	5180	Ant1	14.64	≤23.98	---	14.31	≤22.81	Pass
ax20	5180	Ant2	14.68	≤23.98	---	14.35	≤22.80	Pass
ax20	5180	Sum	17.67	≤23.98	---	17.34	≤22.80	Pass
ax20	5200	Ant1	14.32	≤23.98	---	13.99	≤22.82	Pass
ax20	5200	Ant2	14.91	≤23.98	---	14.58	≤22.84	Pass
ax20	5200	Sum	17.64	≤23.98	---	17.31	≤22.82	Pass
ax20	5240	Ant1	14.3	≤23.98	---	13.97	≤22.79	Pass
ax20	5240	Ant2	14.84	≤23.98	---	14.51	≤22.79	Pass
ax20	5240	Sum	17.59	≤23.98	---	17.26	≤22.79	Pass
ax20	5260	Ant1	13.82	≤23.98	≤23.78	13.49	≤29.78	Pass

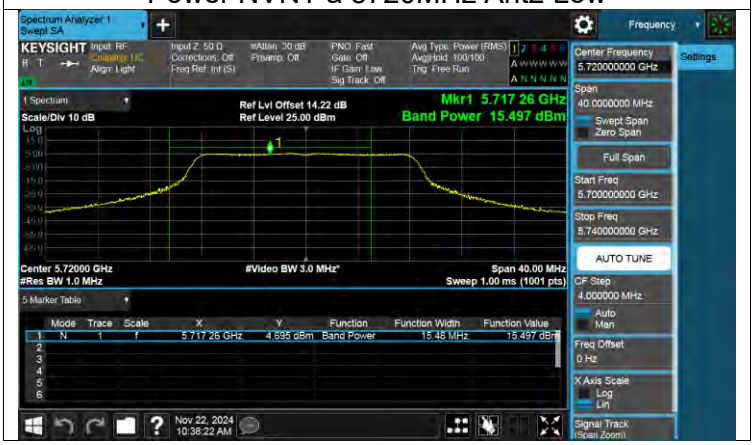
ax20	5260	Ant2	14.65	≤23.98	≤23.79	14.32	≤29.79	Pass
ax20	5260	Sum	17.27	≤23.98	≤23.78	16.94	≤29.78	Pass
ax20	5280	Ant1	14.3	≤23.98	≤23.80	13.97	≤29.80	Pass
ax20	5280	Ant2	15.12	≤23.98	≤23.79	14.79	≤29.79	Pass
ax20	5280	Sum	17.74	≤23.98	≤23.79	17.41	≤29.79	Pass
ax20	5320	Ant1	13.79	≤23.98	≤23.81	13.46	≤29.81	Pass
ax20	5320	Ant2	14.96	≤23.98	≤23.83	14.63	≤29.83	Pass
ax20	5320	Sum	17.42	≤23.98	≤23.81	17.09	≤29.81	Pass
ax20	5500	Ant1	14.76	≤23.98	≤23.80	14.43	≤29.80	Pass
ax20	5500	Ant2	13.41	≤23.98	≤23.82	13.08	≤29.82	Pass
ax20	5500	Sum	17.15	≤23.98	≤23.80	16.82	≤29.80	Pass
ax20	5580	Ant1	14.59	≤23.98	≤23.79	14.26	≤29.79	Pass
ax20	5580	Ant2	13.49	≤23.98	≤23.79	13.16	≤29.79	Pass
ax20	5580	Sum	17.09	≤23.98	≤23.79	16.76	≤29.79	Pass
ax20	5700	Ant1	14.69	≤23.98	≤23.81	14.36	≤29.81	Pass
ax20	5700	Ant2	13.48	≤23.98	≤23.82	13.15	≤29.82	Pass
ax20	5700	Sum	17.14	≤23.98	≤23.81	16.81	≤29.81	Pass
ax20	5720 Low	Ant1	14.88	≤23.24	≤22.62	14.55	≤28.62	Pass
ax20	5720 High	Ant1	9.02	≤30.00	≤30.00	8.69	---	Pass
ax20	5720 Low	Ant2	14.12	≤23.12	≤22.62	13.79	≤28.62	Pass
ax20	5720 High	Ant2	8.29	≤30.00	≤30.00	7.96	---	Pass
ax20	5720 Low	Sum	17.53	≤23.12	≤22.62	17.2	≤28.62	Pass
ax20	5720 High	Sum	11.68	≤30.00	≤30.00	11.35	---	Pass
ax20	5745	Ant1	14.76	≤30.00	≤30.00	14.43	---	Pass
ax20	5745	Ant2	13.67	≤30.00	≤30.00	13.34	---	Pass
ax20	5745	Sum	17.26	≤30.00	≤30.00	16.93	---	Pass
ax20	5785	Ant1	14.63	≤30.00	≤30.00	14.3	---	Pass
ax20	5785	Ant2	13.77	≤30.00	≤30.00	13.44	---	Pass
ax20	5785	Sum	17.23	≤30.00	≤30.00	16.9	---	Pass
ax20	5825	Ant1	14.24	≤30.00	≤30.00	13.91	---	Pass
ax20	5825	Ant2	12.52	≤30.00	≤30.00	12.19	---	Pass
ax20	5825	Sum	16.47	≤30.00	≤30.00	16.14	---	Pass
ax40	5190	Ant1	14.32	≤23.98	---	13.99	≤23.00	Pass
ax40	5190	Ant2	14.53	≤23.98	---	14.2	≤23.00	Pass
ax40	5190	Sum	17.44	≤23.98	---	17.11	≤23.00	Pass
ax40	5230	Ant1	14.11	≤23.98	---	13.78	≤23.00	Pass
ax40	5230	Ant2	14.52	≤23.98	---	14.19	≤23.00	Pass
ax40	5230	Sum	17.33	≤23.98	---	17	≤23.00	Pass
ax40	5270	Ant1	14.16	≤23.98	≤23.98	13.83	≤30.00	Pass
ax40	5270	Ant2	14.95	≤23.98	≤23.98	14.62	≤30.00	Pass
ax40	5270	Sum	17.58	≤23.98	≤23.98	17.25	≤30.00	Pass
ax40	5310	Ant1	14.01	≤23.98	≤23.98	13.68	≤30.00	Pass
ax40	5310	Ant2	15.03	≤23.98	≤23.98	14.7	≤30.00	Pass
ax40	5310	Sum	17.56	≤23.98	≤23.98	17.23	≤30.00	Pass
ax40	5510	Ant1	14.48	≤23.98	≤23.98	14.15	≤30.00	Pass
ax40	5510	Ant2	13.11	≤23.98	≤23.98	12.78	≤30.00	Pass
ax40	5510	Sum	16.86	≤23.98	≤23.98	16.53	≤30.00	Pass
ax40	5550	Ant1	14.61	≤23.98	≤23.98	14.28	≤30.00	Pass
ax40	5550	Ant2	13.19	≤23.98	≤23.98	12.86	≤30.00	Pass
ax40	5550	Sum	16.97	≤23.98	≤23.98	16.64	≤30.00	Pass
ax40	5670	Ant1	14.56	≤23.98	≤23.98	14.23	≤30.00	Pass

ax40	5670	Ant2	13.85	≤23.98	≤23.98	13.52	≤30.00	Pass
ax40	5670	Sum	17.23	≤23.98	≤23.98	16.9	≤30.00	Pass
ax40	5710 Low	Ant1	15	≤23.98	≤23.98	14.67	≤30.00	Pass
ax40	5710 High	Ant1	3.57	≤30.00	≤30.00	3.24	---	Pass
ax40	5710 Low	Ant2	13.78	≤23.98	≤23.98	13.45	≤30.00	Pass
ax40	5710 High	Ant2	2.23	≤30.00	≤30.00	1.9	---	Pass
ax40	5710 Low	Sum	17.44	≤23.98	≤23.98	17.11	≤30.00	Pass
ax40	5710 High	Sum	5.96	≤30.00	≤30.00	5.63	---	Pass
ax40	5755	Ant1	14.66	≤30.00	≤30.00	14.33	---	Pass
ax40	5755	Ant2	13.26	≤30.00	≤30.00	12.93	---	Pass
ax40	5755	Sum	17.03	≤30.00	≤30.00	16.7	---	Pass
ax40	5795	Ant1	14.74	≤30.00	≤30.00	14.41	---	Pass
ax40	5795	Ant2	13.32	≤30.00	≤30.00	12.99	---	Pass
ax40	5795	Sum	17.1	≤30.00	≤30.00	16.77	---	Pass
ax80	5210	Ant1	13.62	≤23.98	---	13.29	≤23.00	Pass
ax80	5210	Ant2	13.65	≤23.98	---	13.32	≤23.00	Pass
ax80	5210	Sum	16.65	≤23.98	---	16.32	≤23.00	Pass
ax80	5290	Ant1	12.75	≤23.98	≤23.98	12.42	≤30.00	Pass
ax80	5290	Ant2	13.72	≤23.98	≤23.98	13.39	≤30.00	Pass
ax80	5290	Sum	16.27	≤23.98	≤23.98	15.94	≤30.00	Pass
ax80	5530	Ant1	13.64	≤23.98	≤23.98	13.31	≤30.00	Pass
ax80	5530	Ant2	12.24	≤23.98	≤23.98	11.91	≤30.00	Pass
ax80	5530	Sum	16.01	≤23.98	≤23.98	15.68	≤30.00	Pass
ax80	5610	Ant1	13.36	≤23.98	≤23.98	13.03	≤30.00	Pass
ax80	5610	Ant2	12.11	≤23.98	≤23.98	11.78	≤30.00	Pass
ax80	5610	Sum	15.79	≤23.98	≤23.98	15.46	≤30.00	Pass
ax80	5690 Low	Ant1	13.78	≤23.98	≤23.98	13.45	≤30.00	Pass
ax80	5690 High	Ant1	0.71	≤30.00	≤30.00	0.38	---	Pass
ax80	5690 Low	Ant2	12.73	≤23.98	≤23.98	12.4	≤30.00	Pass
ax80	5690 High	Ant2	-1.02	≤30.00	≤30.00	-1.35	---	Pass
ax80	5690 Low	Sum	16.3	≤23.98	≤23.98	15.97	≤30.00	Pass
ax80	5690 High	Sum	2.94	≤30.00	≤30.00	2.61	---	Pass
ax80	5775	Ant1	13.42	≤30.00	≤30.00	13.09	---	Pass
ax80	5775	Ant2	11.88	≤30.00	≤30.00	11.55	---	Pass
ax80	5775	Sum	15.73	≤30.00	≤30.00	15.4	---	Pass

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

Test Graphs
Power NVNT a 5720MHz Ant1 Low

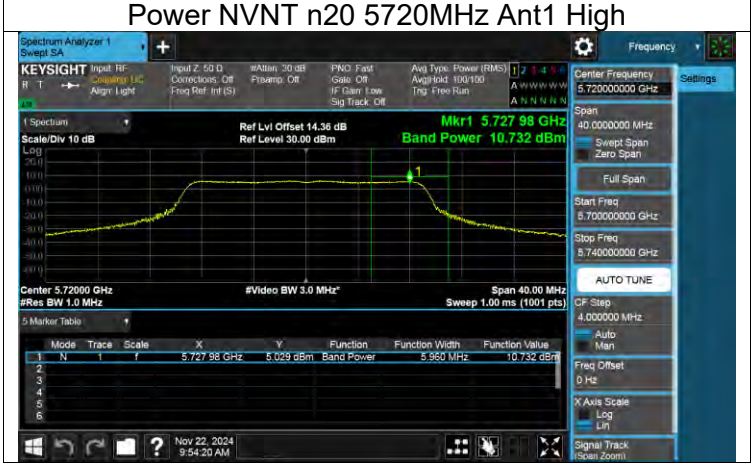
Power NVNT a 5720MHz Ant1 High

Power NVNT a 5720MHz Ant2 Low


Power NVNT a 5720MHz Ant2 High

Power NVNT n20 5720MHz Ant1 Low

Power NVNT n20 5720MHz Ant1 High



Power NVNT n20 5720MHz Ant2 Low

Power NVNT n20 5720MHz Ant2 High

Power NVNT n40 5710MHz Ant1 Low

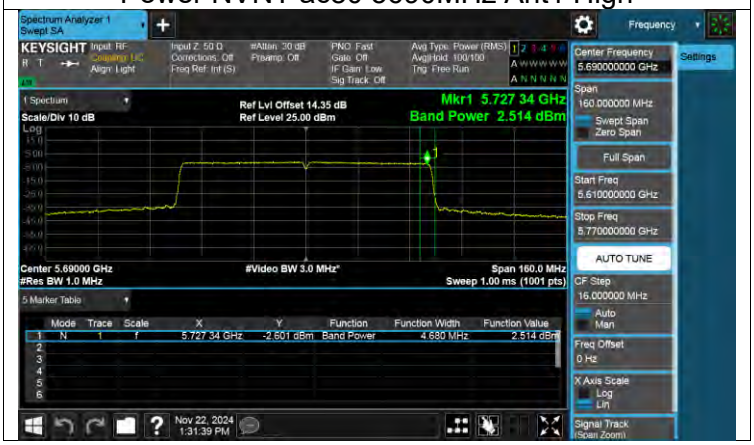
Power NVNT n40 5710MHz Ant1 High

Power NVNT n40 5710MHz Ant2 Low

Power NVNT n40 5710MHz Ant2 High

Power NVNT ac80 5690MHz Ant1 Low

Power NVNT ac80 5690MHz Ant1 High



Power NVNT ac80 5690MHz Ant2 Low

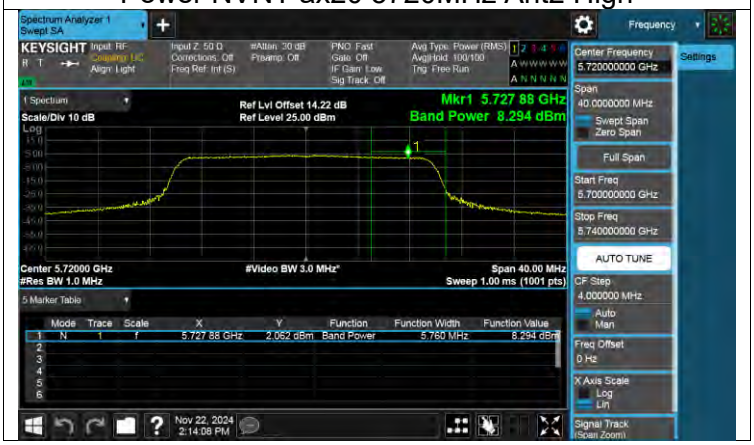
Power NVNT ac80 5690MHz Ant2 High

Power NVNT ax20 5720MHz Ant1 Low

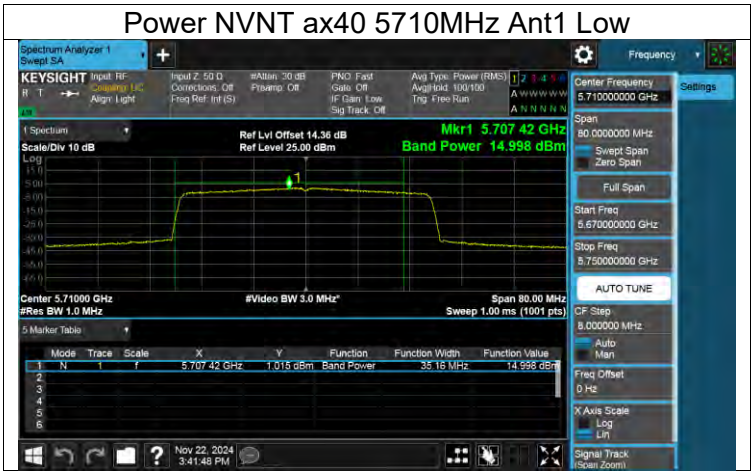
Power NVNT ax20 5720MHz Ant1 High


Power NVNT ax20 5720MHz Ant2 Low

Power NVNT ax20 5720MHz Ant2 High



Power NVNT ax40 5710MHz Ant1 Low



Power NVNT ax40 5710MHz Ant1 High

Power NVNT ax40 5710MHz Ant2 Low

Power NVNT ax40 5710MHz Ant2 High

Power NVNT ax40 5755MHz Ant1

Power NVNT ax40 5795MHz Ant2

Power NVNT ax80 5690MHz Ant1 Low

Power NVNT ax80 5690MHz Ant1 High

Power NVNT ax80 5690MHz Ant2 Low

Power NVNT ax80 5690MHz Ant2 High

Appendix F:Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Antenna	PSD [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
a	5180	Ant1	3.03	11	2.7	10	Pass
a	5180	Ant2	3.12	11	2.79	10	Pass
a	5180	Sum	6.09	11	8.77	10	Pass
a	5200	Ant1	2.86	11	2.53	10	Pass
a	5200	Ant2	3.44	11	3.11	10	Pass
a	5200	Sum	6.17	11	8.85	10	Pass
a	5240	Ant1	2.75	11	2.42	10	Pass
a	5240	Ant2	3.6	11	3.27	10	Pass
a	5240	Sum	6.21	11	8.89	10	Pass
a	5260	Ant1	4.1	11	3.77	---	Pass
a	5260	Ant2	4.96	11	4.63	---	Pass
a	5260	Sum	7.56	11	10.24	---	Pass
a	5280	Ant1	5.36	11	5.03	---	Pass
a	5280	Ant2	6.9	11	6.57	---	Pass
a	5280	Sum	9.21	11	11.89	---	Pass
a	5320	Ant1	4.57	11	4.24	---	Pass
a	5320	Ant2	6.13	11	5.8	---	Pass
a	5320	Sum	8.43	11	11.11	---	Pass
a	5500	Ant1	5.93	11	5.6	---	Pass
a	5500	Ant2	4.77	11	4.44	---	Pass
a	5500	Sum	8.4	11	11.08	---	Pass
a	5580	Ant1	6.65	11	6.32	---	Pass
a	5580	Ant2	5.56	11	5.23	---	Pass
a	5580	Sum	9.15	11	11.83	---	Pass
a	5700	Ant1	6	11	5.67	---	Pass
a	5700	Ant2	4.81	11	4.48	---	Pass
a	5700	Sum	8.46	11	11.14	---	Pass
a	5720 Low	Ant1	5.86	11	5.53	---	Pass
a	5720 High	Ant1	2.34	30	2.01	---	Pass
a	5720 Low	Ant2	5.21	11	7.89	---	Pass
a	5720 High	Ant2	1.53	30	1.2	---	Pass
a	5720 Low	Sum	8.56	11	8.23	---	Pass
a	5720 High	Sum	4.96	30	7.64	---	Pass
a	5745	Ant1	2.66	30	2.33	---	Pass
a	5745	Ant2	1.46	30	1.13	---	Pass
a	5745	Sum	5.11	30	7.79	---	Pass
a	5785	Ant1	2.47	30	2.14	---	Pass
a	5785	Ant2	1.6	30	1.27	---	Pass
a	5785	Sum	5.07	30	7.75	---	Pass
a	5825	Ant1	2.9	30	2.57	---	Pass
a	5825	Ant2	1.34	30	1.01	---	Pass
a	5825	Sum	5.2	30	7.88	---	Pass
n20	5180	Ant1	3.13	11	2.8	10	Pass
n20	5180	Ant2	3.28	11	2.95	10	Pass
n20	5180	Sum	6.22	11	8.9	10	Pass
n20	5200	Ant1	2.48	11	2.15	10	Pass
n20	5200	Ant2	3.4	11	3.07	10	Pass

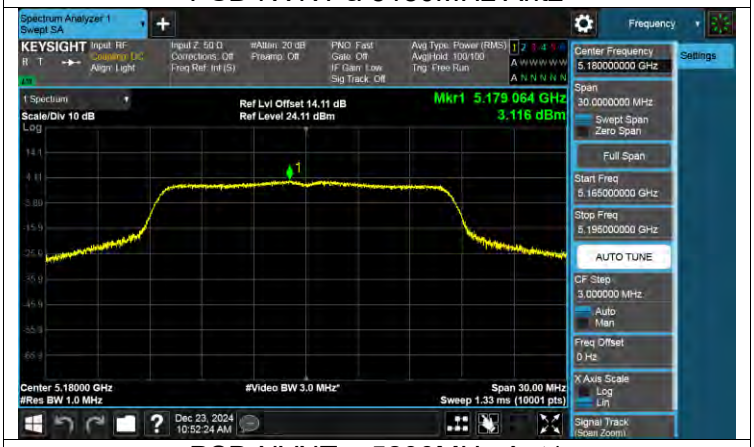
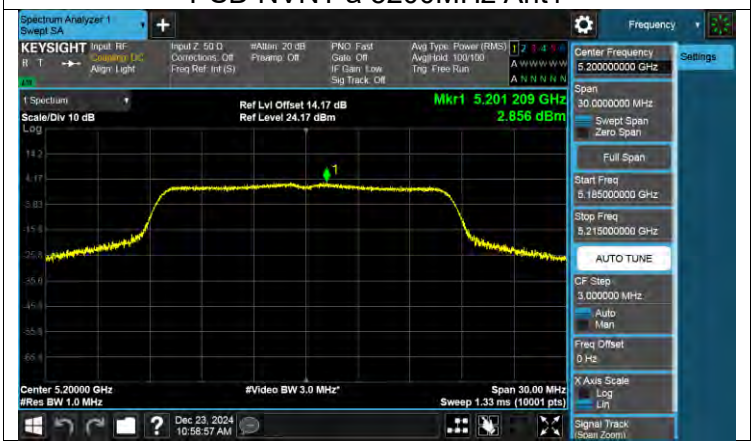
n20	5200	Sum	5.97	11	8.65	10	Pass
n20	5240	Ant1	3.17	11	2.84	10	Pass
n20	5240	Ant2	3.61	11	3.28	10	Pass
n20	5240	Sum	6.41	17	9.09	10	Pass
n20	5260	Ant1	4.67	11	4.34	---	Pass
n20	5260	Ant2	5.77	11	5.44	---	Pass
n20	5260	Sum	8.27	11	10.95	---	Pass
n20	5280	Ant1	4.88	11	4.55	---	Pass
n20	5280	Ant2	5.86	11	5.53	---	Pass
n20	5280	Sum	8.41	11	11.09	---	Pass
n20	5320	Ant1	3.98	11	3.65	---	Pass
n20	5320	Ant2	5.23	11	4.9	---	Pass
n20	5320	Sum	7.66	11	10.34	---	Pass
n20	5500	Ant1	5.92	11	5.59	---	Pass
n20	5500	Ant2	4.31	11	3.98	---	Pass
n20	5500	Sum	8.2	11	10.88	---	Pass
n20	5580	Ant1	6.25	11	5.92	---	Pass
n20	5580	Ant2	5.1	11	4.77	---	Pass
n20	5580	Sum	8.72	11	11.4	---	Pass
n20	5700	Ant1	5.59	11	5.26	---	Pass
n20	5700	Ant2	4.16	11	3.83	---	Pass
n20	5700	Sum	7.94	11	10.62	---	Pass
n20	5720 Low	Ant1	5.34	11	5.01	---	Pass
n20	5720 High	Ant1	2.28	30	1.95	---	Pass
n20	5720 Low	Ant2	4.45	11	7.13	---	Pass
n20	5720 High	Ant2	1.24	30	0.91	---	Pass
n20	5720 Low	Sum	7.93	11	7.6	---	Pass
n20	5720 High	Sum	4.8	30	7.48	---	Pass
n20	5745	Ant1	2.27	30	1.94	---	Pass
n20	5745	Ant2	1.39	30	1.06	---	Pass
n20	5745	Sum	4.86	30	7.54	---	Pass
n20	5785	Ant1	2.72	30	2.39	---	Pass
n20	5785	Ant2	1.53	30	1.2	---	Pass
n20	5785	Sum	5.18	30	7.86	---	Pass
n20	5825	Ant1	2.99	30	2.66	---	Pass
n20	5825	Ant2	0.97	30	0.64	---	Pass
n20	5825	Sum	5.11	30	7.79	---	Pass
n40	5190	Ant1	2.76	11	2.43	10	Pass
n40	5190	Ant2	3.19	11	2.86	10	Pass
n40	5190	Sum	5.99	11	8.67	10	Pass
n40	5230	Ant1	3.04	11	2.71	10	Pass
n40	5230	Ant2	3.61	11	3.28	10	Pass
n40	5230	Sum	6.34	11	9.02	10	Pass
n40	5270	Ant1	3.12	11	2.79	---	Pass
n40	5270	Ant2	4.01	11	3.68	---	Pass
n40	5270	Sum	6.6	11	9.28	---	Pass
n40	5310	Ant1	2.32	11	1.99	---	Pass
n40	5310	Ant2	3.7	11	3.37	---	Pass
n40	5310	Sum	6.07	11	8.75	---	Pass
n40	5510	Ant1	3.99	11	3.66	---	Pass
n40	5510	Ant2	2.75	11	2.42	---	Pass

n40	5510	Sum	6.42	11	9.1	---	Pass
n40	5550	Ant1	4.36	11	4.03	---	Pass
n40	5550	Ant2	2.97	11	2.64	---	Pass
n40	5550	Sum	6.73	11	9.41	---	Pass
n40	5670	Ant1	3.89	11	3.56	---	Pass
n40	5670	Ant2	3.68	11	3.35	---	Pass
n40	5670	Sum	6.8	11	9.48	---	Pass
n40	5710 Low	Ant1	3.7	11	3.37	---	Pass
n40	5710 High	Ant1	-2.8	30	-3.13	---	Pass
n40	5710 Low	Ant2	2.7	11	5.38	---	Pass
n40	5710 High	Ant2	-4	30	-4.33	---	Pass
n40	5710 Low	Sum	6.24	11	5.91	---	Pass
n40	5710 High	Sum	-0.35	30	2.33	---	Pass
n40	5755	Ant1	1.31	30	0.98	---	Pass
n40	5755	Ant2	-0.06	30	-0.39	---	Pass
n40	5755	Sum	3.69	30	6.37	---	Pass
n40	5795	Ant1	1.06	30	0.73	---	Pass
n40	5795	Ant2	0.11	30	-0.22	---	Pass
n40	5795	Sum	3.62	30	6.3	---	Pass
ac80	5210	Ant1	-2.38	11	-2.71	10	Pass
ac80	5210	Ant2	-2.05	11	-2.38	10	Pass
ac80	5210	Sum	0.8	11	3.48	10	Pass
ac80	5290	Ant1	-2.46	11	-2.79	---	Pass
ac80	5290	Ant2	-1.17	11	-1.5	---	Pass
ac80	5290	Sum	1.24	11	3.92	---	Pass
ac80	5530	Ant1	-0.55	11	-0.88	---	Pass
ac80	5530	Ant2	-1.48	11	-1.81	---	Pass
ac80	5530	Sum	2.02	11	4.7	---	Pass
ac80	5610	Ant1	-0.18	11	-0.51	---	Pass
ac80	5610	Ant2	-1.25	11	-1.58	---	Pass
ac80	5610	Sum	2.33	11	5.01	---	Pass
ac80	5690 Low	Ant1	-0.62	11	-0.95	---	Pass
ac80	5690 High	Ant1	-4.57	30	-4.9	---	Pass
ac80	5690 Low	Ant2	-1.12	11	1.56	---	Pass
ac80	5690 High	Ant2	-6.08	30	-6.41	---	Pass
ac80	5690 Low	Sum	2.15	11	1.82	---	Pass
ac80	5690 High	Sum	-2.25	30	0.43	---	Pass
ac80	5775	Ant1	-3.67	30	-4	---	Pass
ac80	5775	Ant2	-4.58	30	-4.91	---	Pass
ac80	5775	Sum	-1.09	30	1.59	---	Pass
ax20	5180	Ant1	3.74	11	3.41	10	Pass
ax20	5180	Ant2	3.61	11	3.28	10	Pass
ax20	5180	Sum	6.69	11	9.37	10	Pass
ax20	5200	Ant1	3.24	11	2.91	10	Pass
ax20	5200	Ant2	3.81	11	3.48	10	Pass
ax20	5200	Sum	6.54	11	9.22	10	Pass
ax20	5240	Ant1	3.07	11	2.74	10	Pass
ax20	5240	Ant2	3.98	11	3.65	10	Pass
ax20	5240	Sum	6.56	11	9.24	10	Pass
ax20	5260	Ant1	2.86	11	2.53	---	Pass
ax20	5260	Ant2	3.73	11	3.4	---	Pass

ax20	5260	Sum	6.33	11	9.01	---	Pass
ax20	5280	Ant1	3.08	11	2.75	---	Pass
ax20	5280	Ant2	4.11	11	3.78	---	Pass
ax20	5280	Sum	6.64	11	9.32	---	Pass
ax20	5320	Ant1	2.66	11	2.33	---	Pass
ax20	5320	Ant2	3.72	11	3.39	---	Pass
ax20	5320	Sum	6.23	11	8.91	---	Pass
ax20	5500	Ant1	3.63	11	3.3	---	Pass
ax20	5500	Ant2	2.16	11	1.83	---	Pass
ax20	5500	Sum	5.97	11	8.65	---	Pass
ax20	5580	Ant1	3.63	11	3.3	---	Pass
ax20	5580	Ant2	2.7	11	2.37	---	Pass
ax20	5580	Sum	6.2	11	8.88	---	Pass
ax20	5700	Ant1	3.43	11	3.1	---	Pass
ax20	5700	Ant2	2.3	11	1.97	---	Pass
ax20	5700	Sum	5.91	11	8.59	---	Pass
ax20	5720 Low	Ant1	4.3	11	3.97	---	Pass
ax20	5720 High	Ant1	0.12	30	-0.21	---	Pass
ax20	5720 Low	Ant2	3.59	11	6.27	---	Pass
ax20	5720 High	Ant2	-0.5	30	-0.83	---	Pass
ax20	5720 Low	Sum	6.97	11	6.64	---	Pass
ax20	5720 High	Sum	2.83	30	5.51	---	Pass
ax20	5745	Ant1	0.35	30	0.02	---	Pass
ax20	5745	Ant2	-0.28	30	-0.61	---	Pass
ax20	5745	Sum	3.06	30	5.74	---	Pass
ax20	5785	Ant1	0.77	30	0.44	---	Pass
ax20	5785	Ant2	-0.25	30	-0.58	---	Pass
ax20	5785	Sum	3.3	30	5.98	---	Pass
ax20	5825	Ant1	0.42	30	0.09	---	Pass
ax20	5825	Ant2	-1.44	30	-1.77	---	Pass
ax20	5825	Sum	2.6	30	5.28	---	Pass
ax40	5190	Ant1	2.23	11	1.9	10	Pass
ax40	5190	Ant2	2.71	11	2.38	10	Pass
ax40	5190	Sum	5.49	11	8.17	10	Pass
ax40	5230	Ant1	1.92	11	1.59	10	Pass
ax40	5230	Ant2	2.53	11	2.2	10	Pass
ax40	5230	Sum	5.25	11	7.93	10	Pass
ax40	5270	Ant1	1.77	11	1.44	---	Pass
ax40	5270	Ant2	2.75	11	2.42	---	Pass
ax40	5270	Sum	5.3	11	7.98	---	Pass
ax40	5310	Ant1	1.43	11	1.1	---	Pass
ax40	5310	Ant2	2.44	11	2.11	---	Pass
ax40	5310	Sum	4.97	11	7.65	---	Pass
ax40	5510	Ant1	2.05	11	1.72	---	Pass
ax40	5510	Ant2	0.78	11	0.45	---	Pass
ax40	5510	Sum	4.47	11	7.15	---	Pass
ax40	5550	Ant1	2.01	11	1.68	---	Pass
ax40	5550	Ant2	0.8	11	0.47	---	Pass
ax40	5550	Sum	4.46	11	7.14	---	Pass
ax40	5670	Ant1	2.2	11	1.87	---	Pass
ax40	5670	Ant2	1.38	11	1.05	---	Pass

ax40	5670	Sum	4.82	11	7.5	---	Pass
ax40	5710 Low	Ant1	2.03	11	1.7	---	Pass
ax40	5710 High	Ant1	-3.9	30	-4.23	---	Pass
ax40	5710 Low	Ant2	0.9	11	3.58	---	Pass
ax40	5710 High	Ant2	-5.83	30	-6.16	---	Pass
ax40	5710 Low	Sum	4.51	11	4.18	---	Pass
ax40	5710 High	Sum	-1.75	30	0.93	---	Pass
ax40	5755	Ant1	-0.91	30	-1.24	---	Pass
ax40	5755	Ant2	-3.57	30	-3.9	---	Pass
ax40	5755	Sum	0.97	30	3.65	---	Pass
ax40	5795	Ant1	-1.41	30	-1.74	---	Pass
ax40	5795	Ant2	-2.65	30	-2.98	---	Pass
ax40	5795	Sum	1.02	30	3.7	---	Pass
ax80	5210	Ant1	-2.87	11	-3.2	10	Pass
ax80	5210	Ant2	-2.87	11	-3.2	10	Pass
ax80	5210	Sum	0.14	11	2.82	10	Pass
ax80	5290	Ant1	-4.02	11	-4.35	---	Pass
ax80	5290	Ant2	-2.77	11	-3.1	---	Pass
ax80	5290	Sum	-0.34	11	2.34	---	Pass
ax80	5530	Ant1	-3.31	11	-3.64	---	Pass
ax80	5530	Ant2	-4.47	11	-4.8	---	Pass
ax80	5530	Sum	-0.84	11	1.84	---	Pass
ax80	5610	Ant1	-3.16	11	-3.49	---	Pass
ax80	5610	Ant2	-4.33	11	-4.66	---	Pass
ax80	5610	Sum	-0.7	11	1.98	---	Pass
ax80	5690 Low	Ant1	-3.19	11	-3.52	---	Pass
ax80	5690 High	Ant1	-7.24	30	-7.57	---	Pass
ax80	5690 Low	Ant2	-4.25	11	-1.57	---	Pass
ax80	5690 High	Ant2	-8.94	30	-9.27	---	Pass
ax80	5690 Low	Sum	-0.68	11	-1.01	---	Pass
ax80	5690 High	Sum	-5	30	-2.32	---	Pass
ax80	5775	Ant1	-6.72	30	-7.05	---	Pass
ax80	5775	Ant2	-7.88	30	-8.21	---	Pass
ax80	5775	Sum	-4.25	30	-1.57	---	Pass

Test Graphs
PSD NVNT a 5180MHz Ant1

PSD NVNT a 5180MHz Ant2

PSD NVNT a 5200MHz Ant1


PSD NVNT a 5200MHz Ant2

PSD NVNT a 5240MHz Ant1

PSD NVNT a 5240MHz Ant2

PSD NVNT a 5260MHz Ant1

PSD NVNT a 5260MHz Ant2

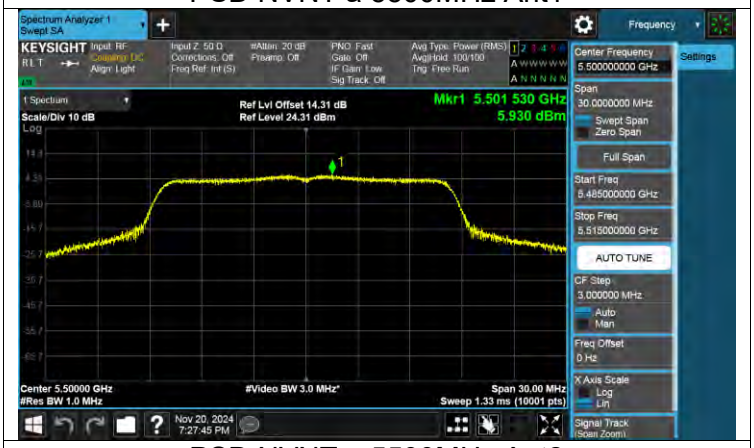
PSD NVNT a 5280MHz Ant1

PSD NVNT a 5280MHz Ant2

PSD NVNT a 5320MHz Ant1

PSD NVNT a 5320MHz Ant2

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5500MHz Ant2

PSD NVNT a 5580MHz Ant1

PSD NVNT a 5580MHz Ant2

PSD NVNT a 5700MHz Ant1

PSD NVNT a 5700MHz Ant2

PSD NVNT a 5720MHz Ant1 Low

PSD NVNT a 5720MHz Ant1 High

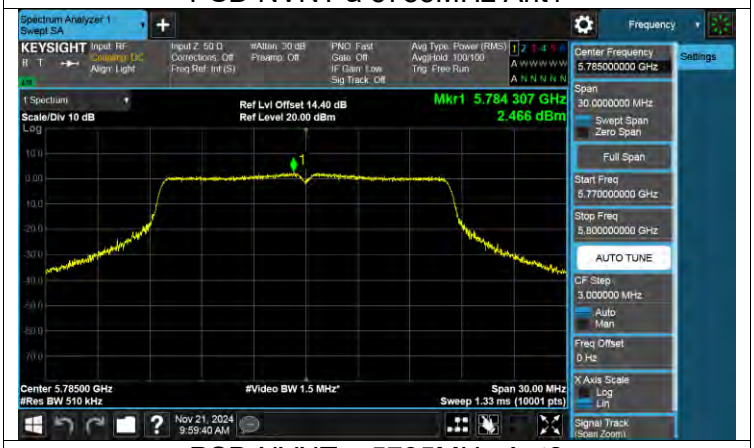
PSD NVNT a 5720MHz Ant2 Low

PSD NVNT a 5720MHz Ant2 High

PSD NVNT a 5745MHz Ant1

PSD NVNT a 5745MHz Ant2

PSD NVNT a 5785MHz Ant1



PSD NVNT a 5785MHz Ant2

PSD NVNT a 5825MHz Ant1

PSD NVNT a 5825MHz Ant2

PSD NVNT n20 5180MHz Ant1

PSD NVNT n20 5180MHz Ant2

PSD NVNT n20 5200MHz Ant1

PSD NVNT n20 5200MHz Ant2

PSD NVNT n20 5240MHz Ant1

PSD NVNT n20 5240MHz Ant2

PSD NVNT n20 5260MHz Ant1

PSD NVNT n20 5260MHz Ant2

PSD NVNT n20 5280MHz Ant1

PSD NVNT n20 5280MHz Ant2

PSD NVNT n20 5320MHz Ant1

PSD NVNT n20 5320MHz Ant2

PSD NVNT n20 5500MHz Ant1

PSD NVNT n20 5500MHz Ant2

PSD NVNT n20 5580MHz Ant1

PSD NVNT n20 5580MHz Ant2

PSD NVNT n20 5700MHz Ant1

PSD NVNT n20 5700MHz Ant2

PSD NVNT n20 5720MHz Ant1 Low

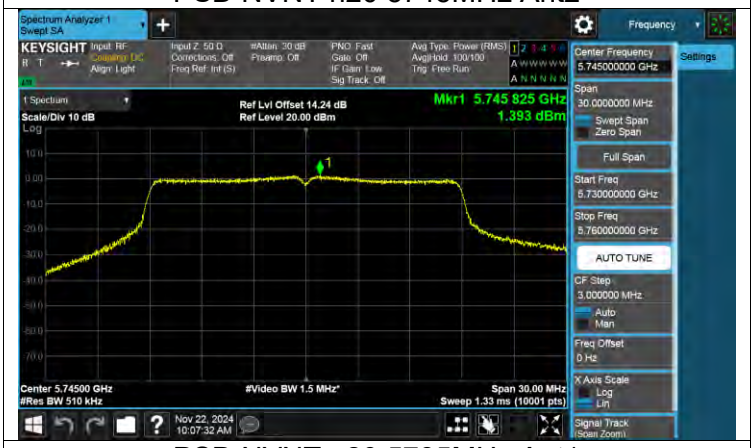
PSD NVNT n20 5720MHz Ant1 High

PSD NVNT n20 5720MHz Ant2 Low

PSD NVNT n20 5720MHz Ant2 High

PSD NVNT n20 5745MHz Ant1

PSD NVNT n20 5745MHz Ant2



PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5785MHz Ant2

PSD NVNT n20 5825MHz Ant1

PSD NVNT n20 5825MHz Ant2

PSD NVNT n40 5190MHz Ant1

PSD NVNT n40 5190MHz Ant2

PSD NVNT n40 5230MHz Ant1

PSD NVNT n40 5230MHz Ant2

PSD NVNT n40 5270MHz Ant1

PSD NVNT n40 5270MHz Ant2

PSD NVNT n40 5310MHz Ant1

PSD NVNT n40 5310MHz Ant2

PSD NVNT n40 5510MHz Ant1

PSD NVNT n40 5510MHz Ant2

PSD NVNT n40 5550MHz Ant1

PSD NVNT n40 5550MHz Ant2

PSD NVNT n40 5670MHz Ant1

PSD NVNT n40 5670MHz Ant2

PSD NVNT n40 5710MHz Ant1 Low

PSD NVNT n40 5710MHz Ant1 High

PSD NVNT n40 5710MHz Ant2 Low

PSD NVNT n40 5710MHz Ant2 High

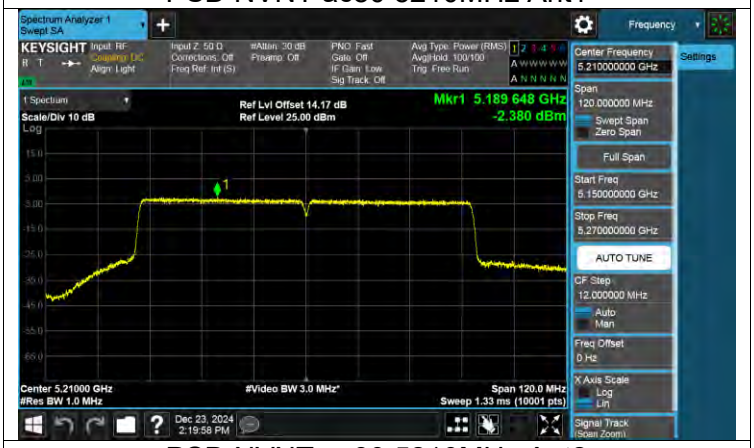
PSD NVNT n40 5755MHz Ant1

PSD NVNT n40 5755MHz Ant2

PSD NVNT n40 5795MHz Ant1

PSD NVNT n40 5795MHz Ant2

PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

PSD NVNT ac80 5290MHz Ant1

PSD NVNT ac80 5290MHz Ant2

PSD NVNT ac80 5530MHz Ant1

PSD NVNT ac80 5530MHz Ant2

PSD NVNT ac80 5610MHz Ant1

PSD NVNT ac80 5610MHz Ant2

PSD NVNT ac80 5690MHz Ant1 Low

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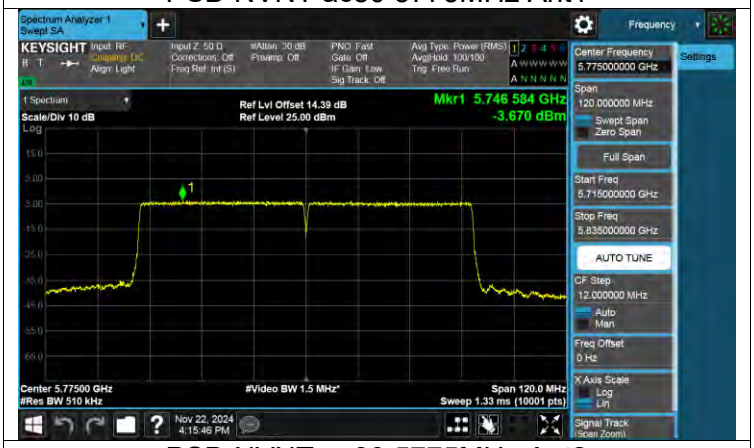
PSD NVNT ac80 5690MHz Ant2 Low

PSD NVNT ac80 5690MHz Ant2 High

PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2

PSD NVNT ax20 5180MHz Ant1

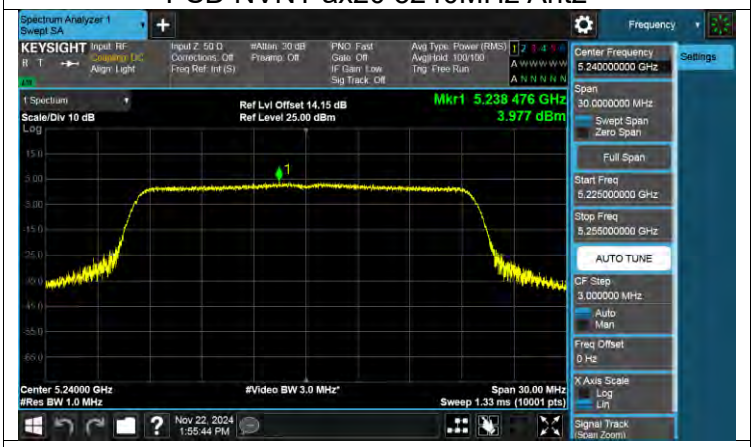
PSD NVNT ax20 5180MHz Ant2

PSD NVNT ax20 5200MHz Ant1

PSD NVNT ax20 5200MHz Ant2

PSD NVNT ax20 5240MHz Ant1

PSD NVNT ax20 5240MHz Ant2



PSD NVNT ax20 5260MHz Ant1

PSD NVNT ax20 5260MHz Ant2

PSD NVNT ax20 5280MHz Ant1

PSD NVNT ax20 5280MHz Ant2

PSD NVNT ax20 5320MHz Ant1

PSD NVNT ax20 5320MHz Ant2

PSD NVNT ax20 5500MHz Ant1

PSD NVNT ax20 5500MHz Ant2

PSD NVNT ax20 5580MHz Ant1

PSD NVNT ax20 5580MHz Ant2

PSD NVNT ax20 5700MHz Ant1

PSD NVNT ax20 5700MHz Ant2

PSD NVNT ax20 5720MHz Ant1 Low

PSD NVNT ax20 5720MHz Ant1 High

PSD NVNT ax20 5720MHz Ant2 Low

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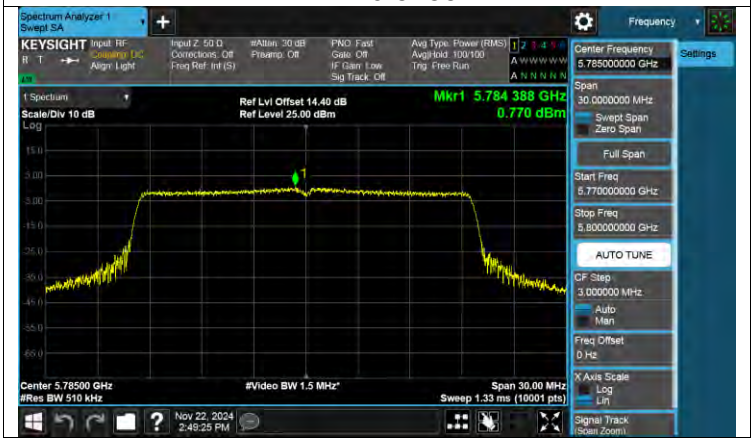
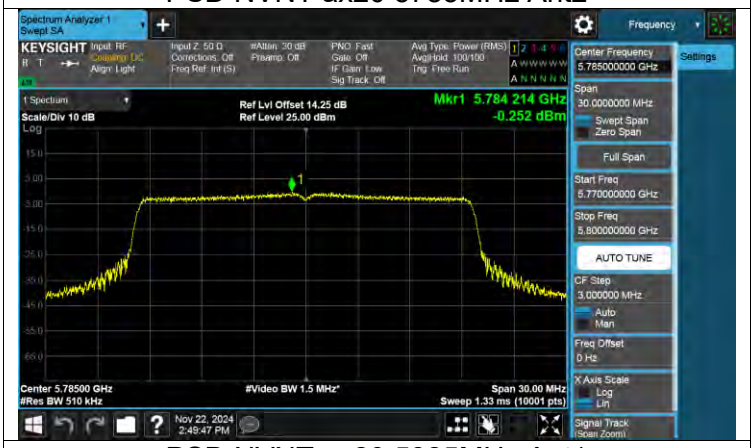
PSD NVNT ax20 5745MHz Ant1

PSD NVNT ax20 5745MHz Ant2

PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5785MHz Ant2



PSD NVNT ax20 5825MHz Ant1

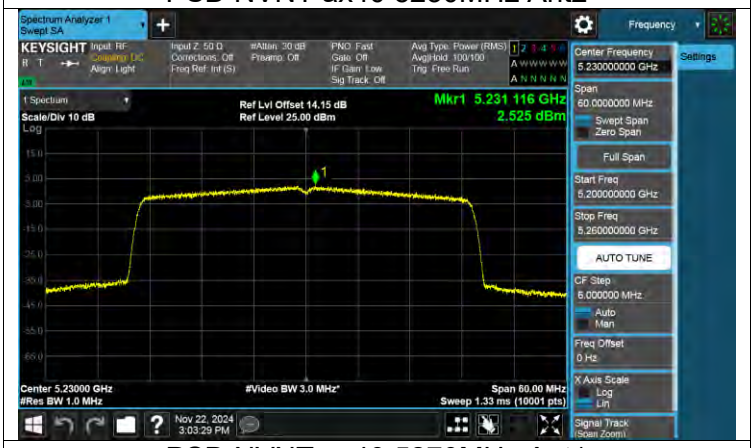
PSD NVNT ax20 5825MHz Ant2

PSD NVNT ax40 5190MHz Ant1

PSD NVNT ax40 5190MHz Ant2

PSD NVNT ax40 5230MHz Ant1

PSD NVNT ax40 5230MHz Ant2



PSD NVNT ax40 5270MHz Ant1

PSD NVNT ax40 5270MHz Ant2

PSD NVNT ax40 5310MHz Ant1

PSD NVNT ax40 5310MHz Ant2

PSD NVNT ax40 5510MHz Ant1

PSD NVNT ax40 5510MHz Ant2

PSD NVNT ax40 5550MHz Ant1

PSD NVNT ax40 5550MHz Ant2

PSD NVNT ax40 5670MHz Ant1

PSD NVNT ax40 5670MHz Ant2

PSD NVNT ax40 5710MHz Ant1 Low

PSD NVNT ax40 5710MHz Ant1 High

PSD NVNT ax40 5710MHz Ant2 Low

PSD NVNT ax40 5710MHz Ant2 High