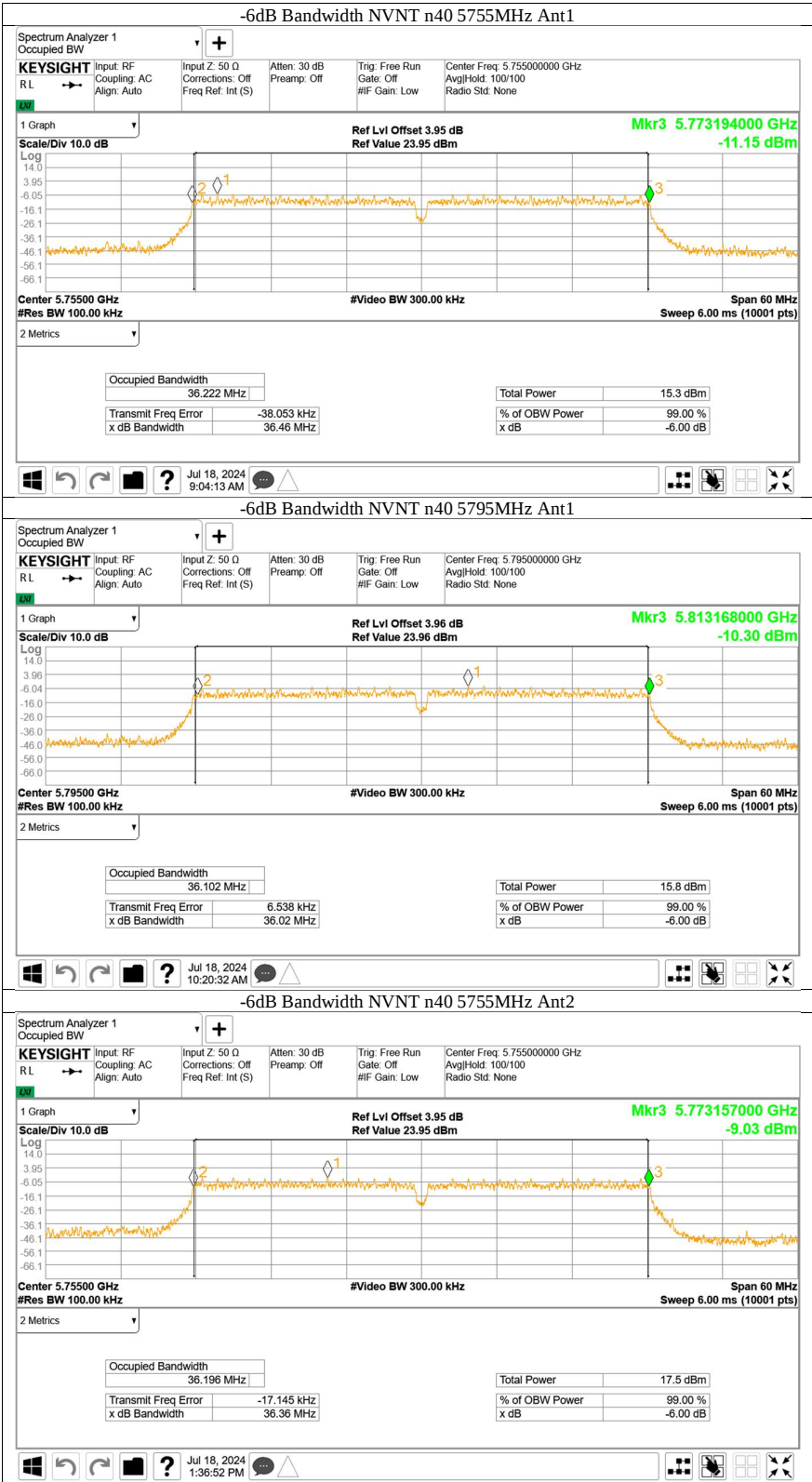
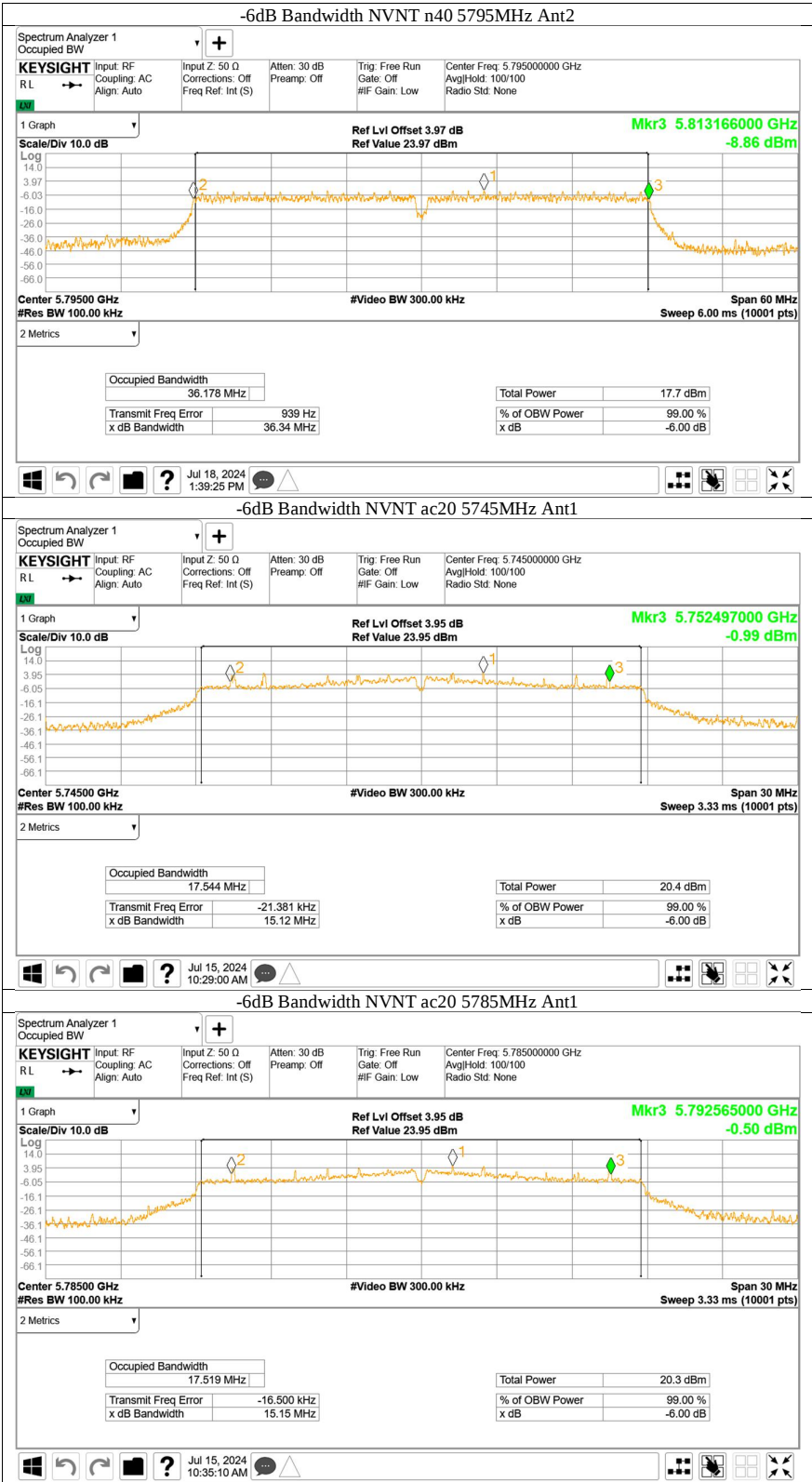
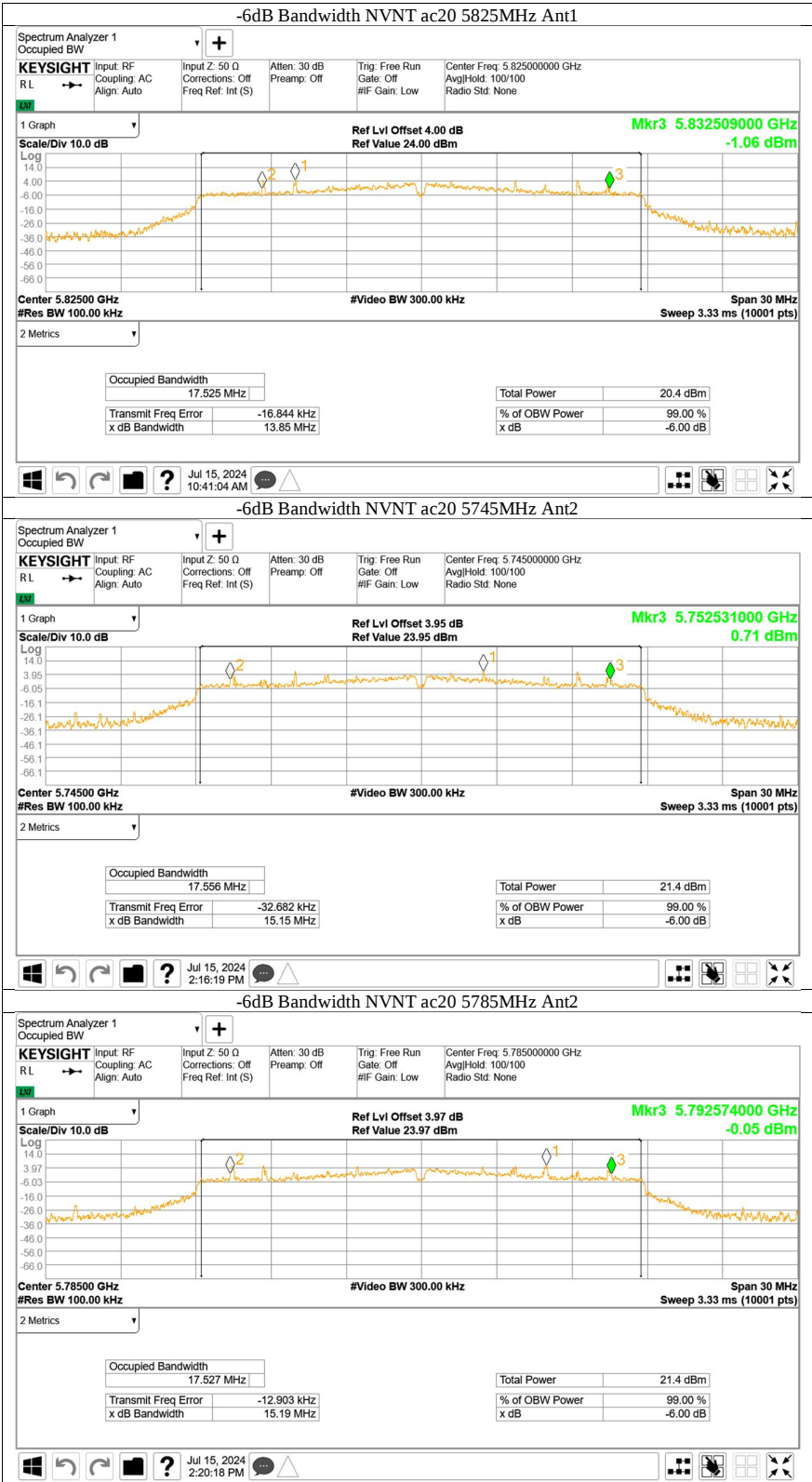
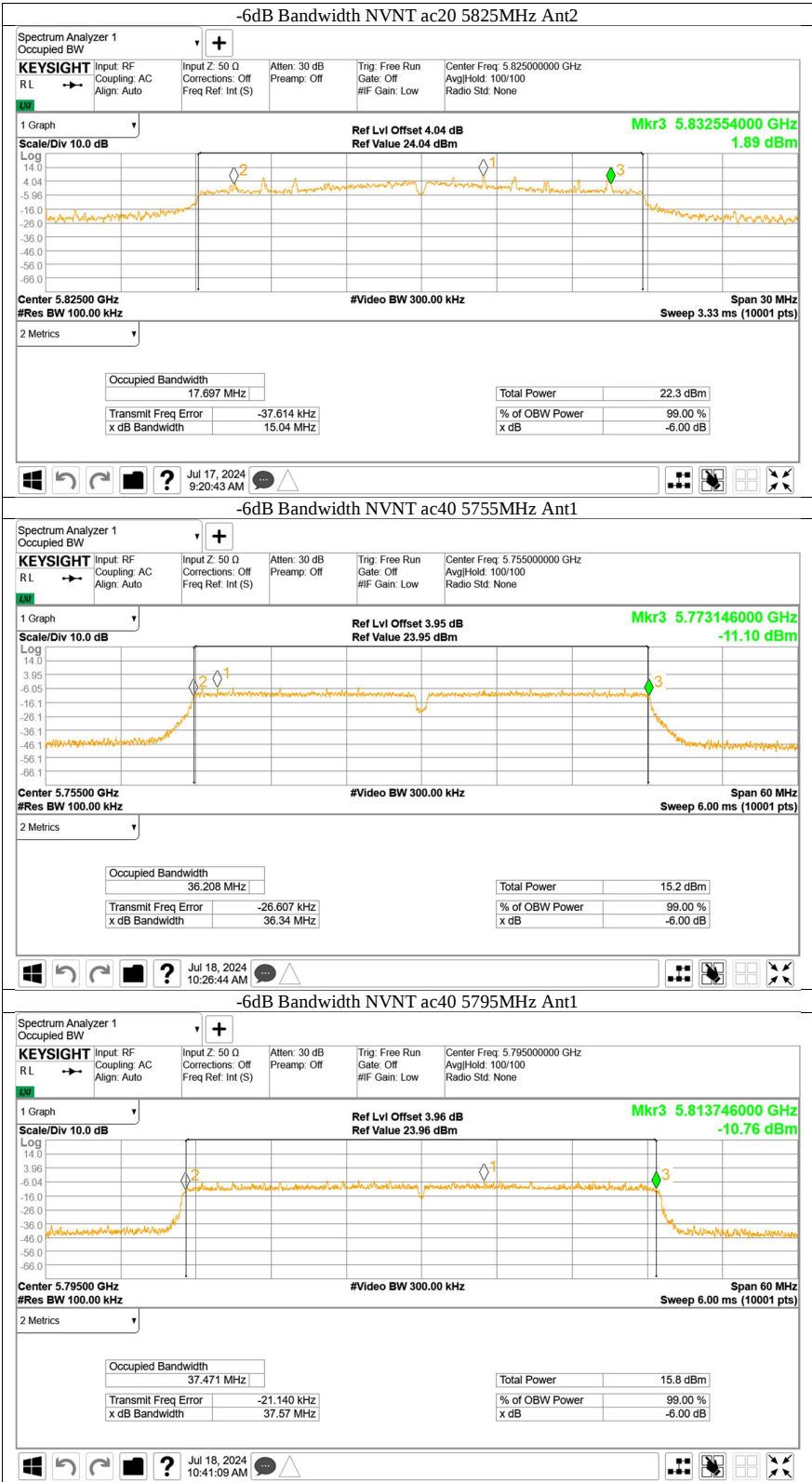
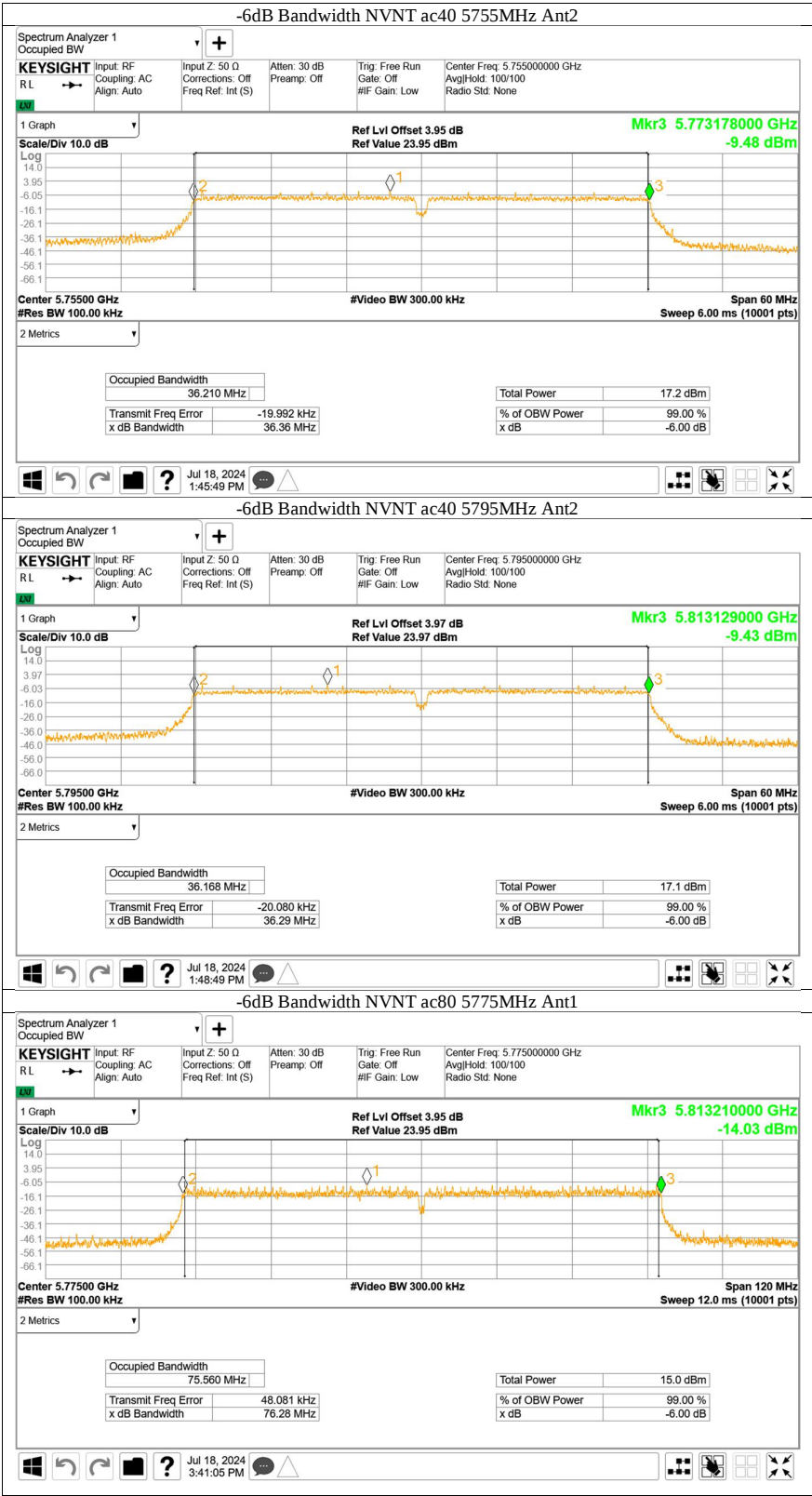


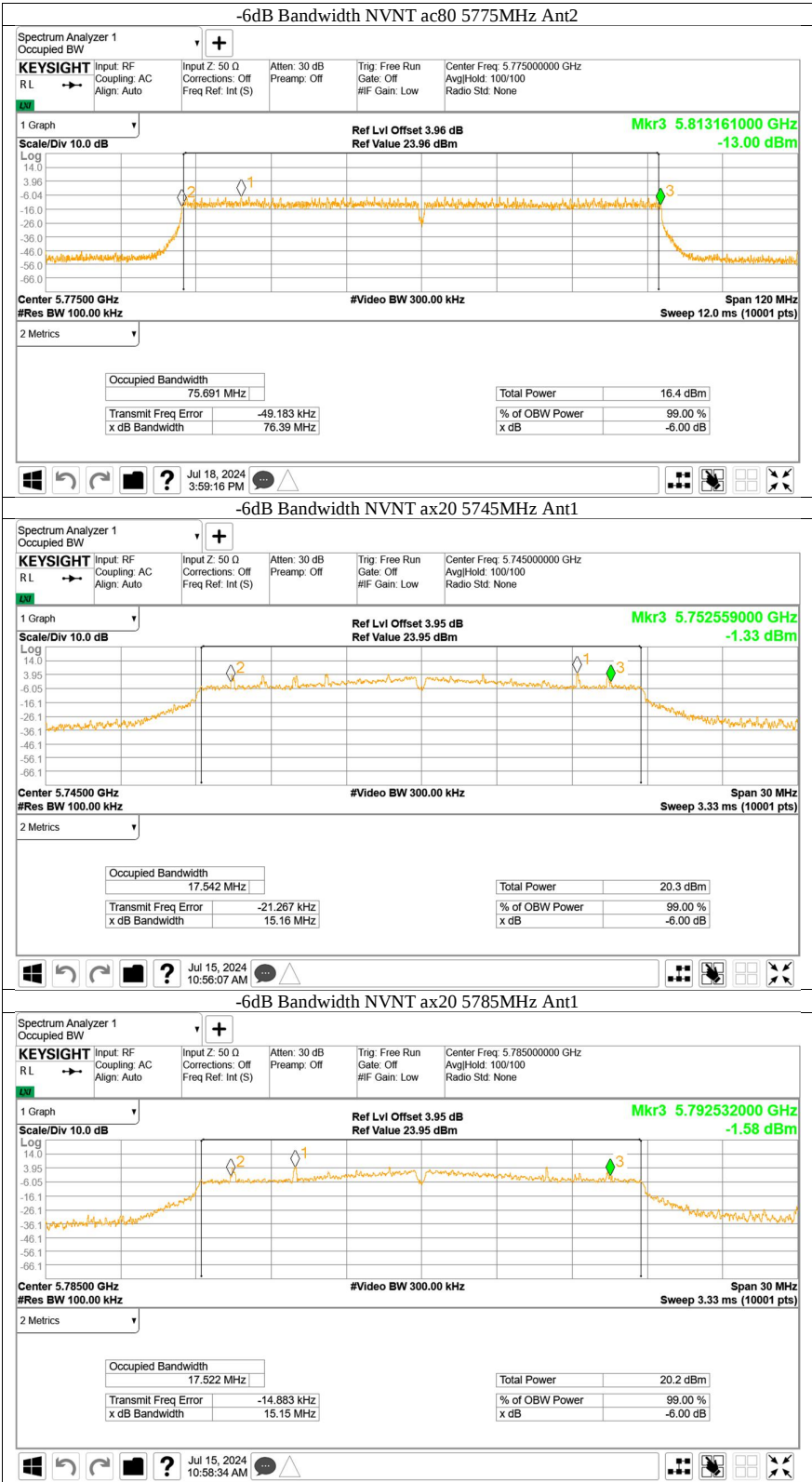


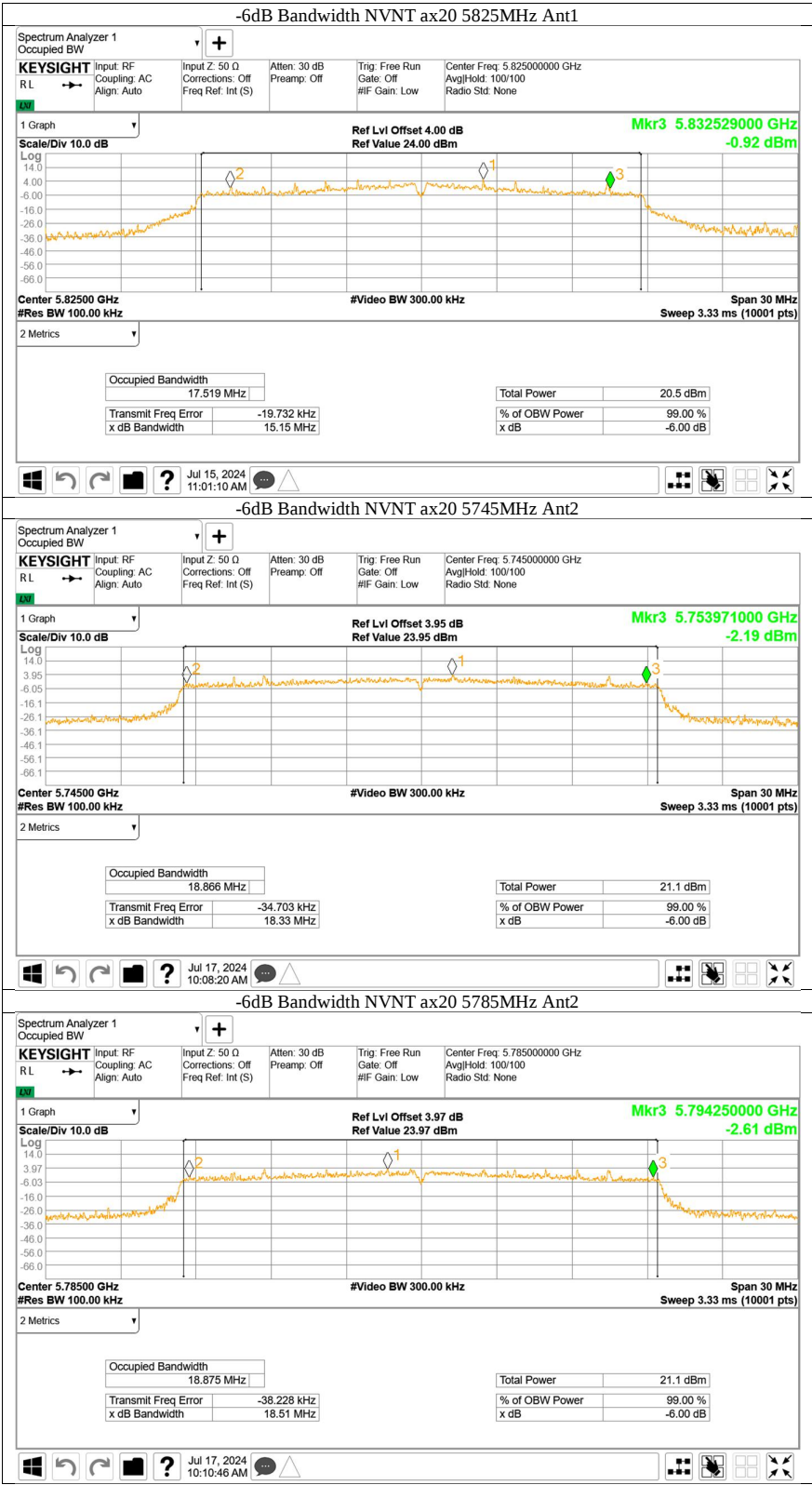


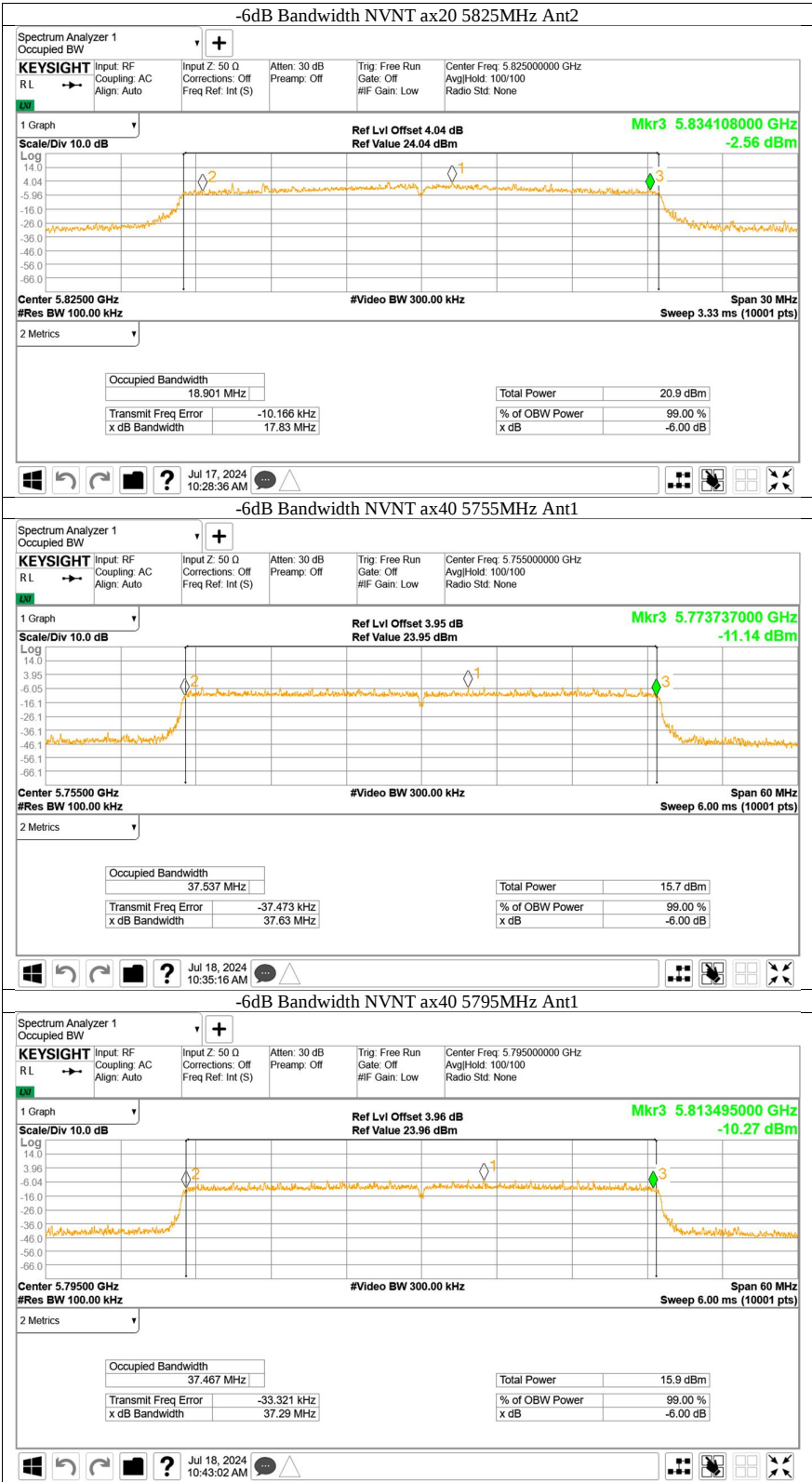


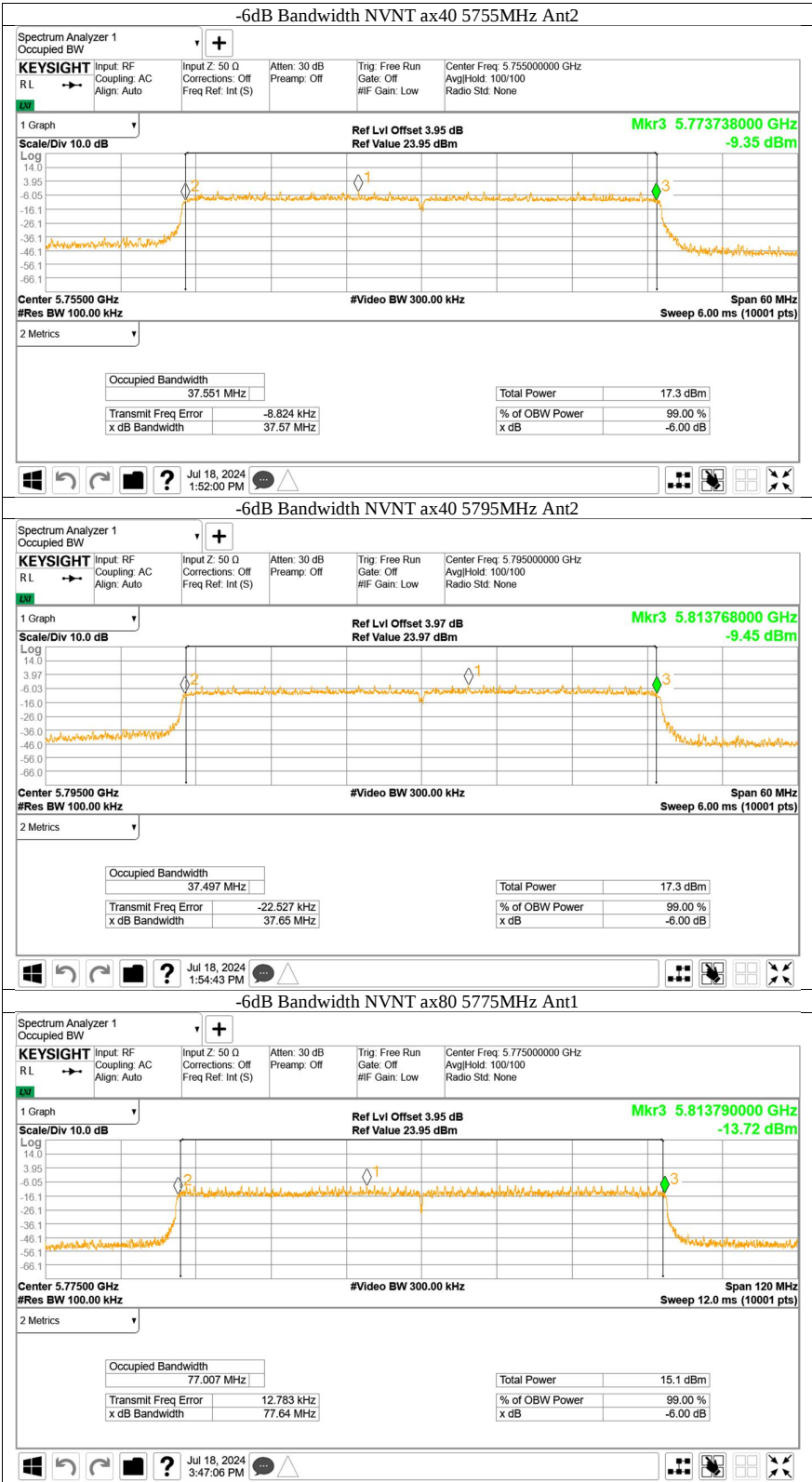


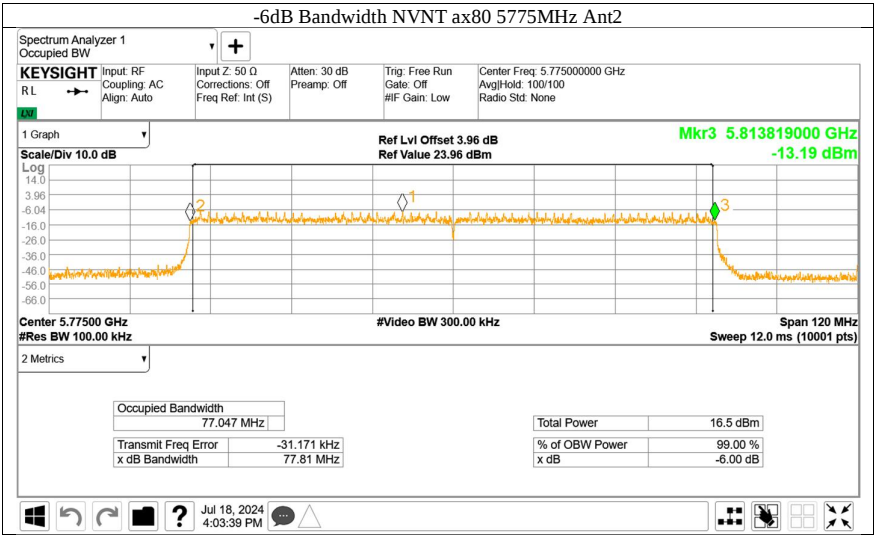












7 Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
-10C 102V	a	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
20C 120V	a	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
30C 138V	a	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
40C 120V	a	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
50C 120V	a	0	5180	Ant1	5180	0	0	20	Pass
-10C 102V	a	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 120V	a	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
30C 138V	a	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
40C 120V	a	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
50C 120V	a	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 102V	a	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 120V	a	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
30C 138V	a	0	5240	Ant1	5239.98	-20000	-3.82	20	Pass
40C 120V	a	0	5240	Ant1	5240	0	0	20	Pass
50C 120V	a	0	5240	Ant1	5239.98	-20000	-3.82	20	Pass
-10C 102V	a	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
20C 120V	a	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
30C 138V	a	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
40C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
50C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
-10C 102V	a	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
20C 120V	a	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
30C 138V	a	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
40C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
50C 120V	a	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
-10C 102V	a	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
20C 120V	a	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
30C 138V	a	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
40C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
50C 120V	a	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
-10C 102V	a	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
20C 120V	a	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
30C 138V	a	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
40C 120V	a	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
50C 120V	a	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
-10C 102V	a	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
20C 120V	a	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
30C 138V	a	0	5200	Ant2	5199.98	-20000	-3.85	20	Pass
40C 120V	a	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
50C 120V	a	0	5200	Ant2	5199.94	-60000	-11.54	20	Pass
-10C 102V	a	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
20C 120V	a	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
30C 138V	a	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
40C 120V	a	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
50C 120V	a	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
-10C 102V	a	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
20C 120V	a	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
30C 138V	a	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
40C 120V	a	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
50C 120V	a	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
-10C 102V	a	0	5785	Ant2	5784.94	-60000	-10.37	20	Pass
20C 120V	a	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
30C 138V	a	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
40C 120V	a	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
50C 120V	a	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
-10C 102V	a	0	5825	Ant2	5824.98	-20000	-3.43	20	Pass
20C 120V	a	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
30C 138V	a	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
40C 120V	a	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
50C 120V	a	0	5825	Ant2	5824.98	-20000	-3.43	20	Pass
-10C 102V	n20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
20C 120V	n20	0	5180	Ant1	5180	0	0	20	Pass
30C 138V	n20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass



40C 120V	n20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
50C 120V	n20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
-10C 102V	n20	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
20C 120V	n20	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
30C 138V	n20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
40C 120V	n20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
50C 120V	n20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 102V	n20	0	5240	Ant1	5239.98	-20000	-3.82	20	Pass
20C 120V	n20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
30C 138V	n20	0	5240	Ant1	5239.98	-20000	-3.82	20	Pass
40C 120V	n20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
50C 120V	n20	0	5240	Ant1	5239.94	-60000	-11.45	20	Pass
-10C 102V	n20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
20C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
30C 138V	n20	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
40C 120V	n20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
50C 120V	n20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
-10C 102V	n20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
20C 120V	n20	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
30C 138V	n20	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
40C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
50C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
-10C 102V	n20	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
20C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
30C 138V	n20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
40C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
50C 120V	n20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
-10C 102V	n20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
20C 120V	n20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
30C 138V	n20	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
40C 120V	n20	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
50C 120V	n20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
-10C 102V	n20	0	5200	Ant2	5200	0	0	20	Pass
20C 120V	n20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
30C 138V	n20	0	5200	Ant2	5199.98	-20000	-3.85	20	Pass
40C 120V	n20	0	5200	Ant2	5199.98	-20000	-3.85	20	Pass
50C 120V	n20	0	5200	Ant2	5199.98	-20000	-3.85	20	Pass
-10C 102V	n20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
20C 120V	n20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
30C 138V	n20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
40C 120V	n20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
50C 120V	n20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
-10C 102V	n20	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
20C 120V	n20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
30C 138V	n20	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
40C 120V	n20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
50C 120V	n20	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
-10C 102V	n20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
20C 120V	n20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
30C 138V	n20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
40C 120V	n20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
50C 120V	n20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
-10C 102V	n20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
20C 120V	n20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
30C 138V	n20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
40C 120V	n20	0	5825	Ant2	5824.98	-20000	-3.43	20	Pass
50C 120V	n20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
-10C 102V	n40	0	5190	Ant1	5190	0	0	20	Pass
20C 120V	n40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
30C 138V	n40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
40C 120V	n40	0	5190	Ant1	5190	0	0	20	Pass
50C 120V	n40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
-10C 102V	n40	0	5230	Ant1	5230	0	0	20	Pass
20C 120V	n40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
30C 138V	n40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
40C 120V	n40	0	5230	Ant1	5230	0	0	20	Pass
50C 120V	n40	0	5230	Ant1	5230	0	0	20	Pass
-10C 102V	n40	0	5755	Ant1	5755	0	0	20	Pass
20C 120V	n40	0	5755	Ant1	5755	0	0	20	Pass



30C 138V	n40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
40C 120V	n40	0	5755	Ant1	5754.92	-80000	-13.9	20	Pass
50C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
-10C 102V	n40	0	5795	Ant1	5795	0	0	20	Pass
20C 120V	n40	0	5795	Ant1	5795	0	0	20	Pass
30C 138V	n40	0	5795	Ant1	5795	0	0	20	Pass
40C 120V	n40	0	5795	Ant1	5795	0	0	20	Pass
50C 120V	n40	0	5795	Ant1	5795	0	0	20	Pass
-10C 102V	n40	0	5190	Ant2	5190	0	0	20	Pass
20C 120V	n40	0	5190	Ant2	5190	0	0	20	Pass
30C 138V	n40	0	5190	Ant2	5189.96	-40000	-7.71	20	Pass
40C 120V	n40	0	5190	Ant2	5190	0	0	20	Pass
50C 120V	n40	0	5190	Ant2	5190	0	0	20	Pass
-10C 102V	n40	0	5230	Ant2	5230	0	0	20	Pass
20C 120V	n40	0	5230	Ant2	5230.04	40000	7.65	20	Pass
30C 138V	n40	0	5230	Ant2	5230	0	0	20	Pass
40C 120V	n40	0	5230	Ant2	5230	0	0	20	Pass
50C 120V	n40	0	5230	Ant2	5230	0	0	20	Pass
-10C 102V	n40	0	5755	Ant2	5755	0	0	20	Pass
20C 120V	n40	0	5755	Ant2	5755	0	0	20	Pass
30C 138V	n40	0	5755	Ant2	5755	0	0	20	Pass
40C 120V	n40	0	5755	Ant2	5755	0	0	20	Pass
50C 120V	n40	0	5755	Ant2	5755	0	0	20	Pass
-10C 102V	n40	0	5795	Ant2	5795	0	0	20	Pass
20C 120V	n40	0	5795	Ant2	5795	0	0	20	Pass
30C 138V	n40	0	5795	Ant2	5795	0	0	20	Pass
40C 120V	n40	0	5795	Ant2	5795	0	0	20	Pass
50C 120V	n40	0	5795	Ant2	5795	0	0	20	Pass
-10C 102V	ac20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
20C 120V	ac20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
30C 138V	ac20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
40C 120V	ac20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
50C 120V	ac20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
-10C 102V	ac20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 120V	ac20	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
30C 138V	ac20	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
40C 120V	ac20	0	5200	Ant1	5200	0	0	20	Pass
50C 120V	ac20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 102V	ac20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 120V	ac20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
30C 138V	ac20	0	5240	Ant1	5239.94	-60000	-11.45	20	Pass
40C 120V	ac20	0	5240	Ant1	5239.94	-60000	-11.45	20	Pass
50C 120V	ac20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
-10C 102V	ac20	0	5745	Ant1	5745.02	20000	3.48	20	Pass
20C 120V	ac20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
30C 138V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
40C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
50C 120V	ac20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
-10C 102V	ac20	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
20C 120V	ac20	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
30C 138V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
40C 120V	ac20	0	5785	Ant1	5784.96	-40000	-6.91	20	Pass
50C 120V	ac20	0	5785	Ant1	5785.04	40000	9.91	20	Pass
-10C 102V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
20C 120V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
30C 138V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	20	Pass
40C 120V	ac20	0	5825	Ant1	5824.94	-60000	-10.3	20	Pass
50C 120V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
-10C 102V	ac20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
20C 120V	ac20	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
30C 138V	ac20	0	5180	Ant2	5180.14	40000	7.72	20	Pass
40C 120V	ac20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
50C 120V	ac20	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
-10C 102V	ac20	0	5200	Ant2	5199.98	-20000	-3.85	20	Pass
20C 120V	ac20	0	5200	Ant2	5199.94	-60000	-11.54	20	Pass
30C 138V	ac20	0	5200	Ant2	5200.02	20000	3.85	20	Pass
40C 120V	ac20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
50C 120V	ac20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
-10C 102V	ac20	0	5240	Ant2	5239.94	-60000	-11.45	20	Pass



20C 120V	ac20	0	5240	Ant2	5239.94	-60000	-11.45	20	Pass
30C 138V	ac20	0	5240	Ant2	5239.92	-80000	-15.27	20	Pass
40C 120V	ac20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
50C 120V	ac20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
-10C 102V	ac20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
20C 120V	ac20	0	5745	Ant2	5744.92	-80000	-13.93	20	Pass
30C 138V	ac20	0	5745	Ant2	5745	0	0	20	Pass
40C 120V	ac20	0	5745	Ant2	5744.92	-80000	-13.93	20	Pass
50C 120V	ac20	0	5745	Ant2	5745	0	0	20	Pass
-10C 102V	ac20	0	5785	Ant2	5785.02	20000	3.46	20	Pass
20C 120V	ac20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
30C 138V	ac20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
40C 120V	ac20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
50C 120V	ac20	0	5785	Ant2	5785.02	20000	3.46	20	Pass
-10C 102V	ac20	0	5825	Ant2	5824.94	-60000	-10.3	20	Pass
20C 120V	ac20	0	5825	Ant2	5825	0	0	20	Pass
30C 138V	ac20	0	5825	Ant2	5824.98	-20000	-3.43	20	Pass
40C 120V	ac20	0	5825	Ant2	5825.02	20000	3.43	20	Pass
50C 120V	ac20	0	5825	Ant2	5824.92	-80000	-13.73	20	Pass
-10C 102V	ac40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
20C 120V	ac40	0	5190	Ant1	5190	0	0	20	Pass
30C 138V	ac40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
40C 120V	ac40	0	5190	Ant1	5190	0	0	20	Pass
50C 120V	ac40	0	5190	Ant1	5190	0	0	20	Pass
-10C 102V	ac40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
20C 120V	ac40	0	5230	Ant1	5230	0	0	20	Pass
30C 138V	ac40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
40C 120V	ac40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
50C 120V	ac40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
-10C 102V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
20C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
30C 138V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
40C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
50C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
-10C 102V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
20C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
30C 138V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
40C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
50C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
-10C 102V	ac40	0	5190	Ant2	5190	0	0	20	Pass
20C 120V	ac40	0	5190	Ant2	5189.96	-40000	-7.71	20	Pass
30C 138V	ac40	0	5190	Ant2	5190	0	0	20	Pass
40C 120V	ac40	0	5190	Ant2	5190	0	0	20	Pass
50C 120V	ac40	0	5190	Ant2	5190	0	0	20	Pass
-10C 102V	ac40	0	5230	Ant2	5230	0	0	20	Pass
20C 120V	ac40	0	5230	Ant2	5230	0	0	20	Pass
30C 138V	ac40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
40C 120V	ac40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
50C 120V	ac40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
-10C 102V	ac40	0	5755	Ant2	5754.96	-40000	-6.95	20	Pass
20C 120V	ac40	0	5755	Ant2	5755	0	0	20	Pass
30C 138V	ac40	0	5755	Ant2	5754.96	-40000	-6.95	20	Pass
40C 120V	ac40	0	5755	Ant2	5755	0	0	20	Pass
50C 120V	ac40	0	5755	Ant2	5755	0	0	20	Pass
-10C 102V	ac40	0	5795	Ant2	5795	0	0	20	Pass
20C 120V	ac40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
30C 138V	ac40	0	5795	Ant2	5795	0	0	20	Pass
40C 120V	ac40	0	5795	Ant2	5795	0	0	20	Pass
50C 120V	ac40	0	5795	Ant2	5795	0	0	20	Pass
-10C 102V	ac80	0	5210	Ant1	5210	0	0	20	Pass
20C 120V	ac80	0	5210	Ant1	5210	0	0	20	Pass
30C 138V	ac80	0	5210	Ant1	5210	0	0	20	Pass
40C 120V	ac80	0	5210	Ant1	5210	0	0	20	Pass
50C 120V	ac80	0	5210	Ant1	5210	0	0	20	Pass
-10C 102V	ac80	0	5775	Ant1	5775	0	0	20	Pass
20C 120V	ac80	0	5775	Ant1	5775	0	0	20	Pass
30C 138V	ac80	0	5775	Ant1	5775	0	0	20	Pass
40C 120V	ac80	0	5775	Ant1	5775	0	0	20	Pass
50C 120V	ac80	0	5775	Ant1	5775	0	0	20	Pass



-10C 102V	ac80	0	5210	Ant2	5210	0	0	20	Pass
20C 120V	ac80	0	5210	Ant2	5210	0	0	20	Pass
30C 138V	ac80	0	5210	Ant2	5210	0	0	20	Pass
40C 120V	ac80	0	5210	Ant2	5210	0	0	20	Pass
50C 120V	ac80	0	5210	Ant2	5210	0	0	20	Pass
-10C 102V	ac80	0	5775	Ant2	5775	0	0	20	Pass
20C 120V	ac80	0	5775	Ant2	5775	0	0	20	Pass
30C 138V	ac80	0	5775	Ant2	5775	0	0	20	Pass
40C 120V	ac80	0	5775	Ant2	5775	0	0	20	Pass
50C 120V	ac80	0	5775	Ant2	5775	0	0	20	Pass
-10C 102V	ax20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
20C 120V	ax20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
30C 138V	ax20	0	5180	Ant1	5179.98	-20000	-3.86	20	Pass
40C 120V	ax20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
50C 120V	ax20	0	5180	Ant1	5179.96	-40000	-7.72	20	Pass
-10C 102V	ax20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
20C 120V	ax20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
30C 138V	ax20	0	5200	Ant1	5199.98	-20000	-3.85	20	Pass
40C 120V	ax20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
50C 120V	ax20	0	5200	Ant1	5199.96	-40000	-7.69	20	Pass
-10C 102V	ax20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
20C 120V	ax20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
30C 138V	ax20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
40C 120V	ax20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
50C 120V	ax20	0	5240	Ant1	5239.96	-40000	-7.63	20	Pass
-10C 102V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	20	Pass
20C 120V	ax20	0	5745	Ant1	5744.94	-60000	-10.44	20	Pass
30C 138V	ax20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
40C 120V	ax20	0	5745	Ant1	5744.96	-40000	-6.96	20	Pass
50C 120V	ax20	0	5745	Ant1	5744.94	-60000	-10.44	20	Pass
-10C 102V	ax20	0	5785	Ant1	5785	0	0	20	Pass
20C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
30C 138V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
40C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	20	Pass
50C 120V	ax20	0	5785	Ant1	5785	0	0	20	Pass
-10C 102V	ax20	0	5825	Ant1	5824.92	-80000	-13.73	20	Pass
20C 120V	ax20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
30C 138V	ax20	0	5825	Ant1	5824.92	-80000	-13.73	20	Pass
40C 120V	ax20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
50C 120V	ax20	0	5825	Ant1	5824.96	-40000	-6.87	20	Pass
-10C 102V	ax20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
20C 120V	ax20	0	5180	Ant2	5179.94	-60000	-11.58	20	Pass
30C 138V	ax20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
40C 120V	ax20	0	5180	Ant2	5179.96	-40000	-7.72	20	Pass
50C 120V	ax20	0	5180	Ant2	5179.98	-20000	-3.86	20	Pass
-10C 102V	ax20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
20C 120V	ax20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
30C 138V	ax20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
40C 120V	ax20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
50C 120V	ax20	0	5200	Ant2	5199.96	-40000	-7.69	20	Pass
-10C 102V	ax20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
20C 120V	ax20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
30C 138V	ax20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
40C 120V	ax20	0	5240	Ant2	5239.96	-40000	-7.63	20	Pass
50C 120V	ax20	0	5240	Ant2	5239.98	-20000	-3.82	20	Pass
-10C 102V	ax20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
20C 120V	ax20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
30C 138V	ax20	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
40C 120V	ax20	0	5745	Ant2	5744.98	-20000	-3.48	20	Pass
50C 120V	ax20	0	5745	Ant2	5744.96	-40000	-6.96	20	Pass
-10C 102V	ax20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
20C 120V	ax20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
30C 138V	ax20	0	5785	Ant2	5784.96	-40000	-6.91	20	Pass
40C 120V	ax20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
50C 120V	ax20	0	5785	Ant2	5784.98	-20000	-3.46	20	Pass
-10C 102V	ax20	0	5825	Ant2	5824.98	-20000	-3.43	20	Pass
20C 120V	ax20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
30C 138V	ax20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
40C 120V	ax20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass



50C 120V	ax20	0	5825	Ant2	5824.96	-40000	-6.87	20	Pass
-10C 102V	ax40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
20C 120V	ax40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
30C 138V	ax40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
40C 120V	ax40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
50C 120V	ax40	0	5190	Ant1	5189.96	-40000	-7.71	20	Pass
-10C 102V	ax40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
20C 120V	ax40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
30C 138V	ax40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
40C 120V	ax40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
50C 120V	ax40	0	5230	Ant1	5229.96	-40000	-7.65	20	Pass
-10C 102V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
20C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
30C 138V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
40C 120V	ax40	0	5755	Ant1	5755	0	0	20	Pass
50C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	20	Pass
-10C 102V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
20C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
30C 138V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
40C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
50C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	20	Pass
-10C 102V	ax40	0	5190	Ant2	5189.96	-40000	-7.71	20	Pass
20C 120V	ax40	0	5190	Ant2	5189.96	-40000	-7.71	20	Pass
30C 138V	ax40	0	5190	Ant2	5190	0	0	20	Pass
40C 120V	ax40	0	5190	Ant2	5190	0	0	20	Pass
50C 120V	ax40	0	5190	Ant2	5189.96	-40000	-7.71	20	Pass
-10C 102V	ax40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
20C 120V	ax40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
30C 138V	ax40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
40C 120V	ax40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
50C 120V	ax40	0	5230	Ant2	5229.96	-40000	-7.65	20	Pass
-10C 102V	ax40	0	5755	Ant2	5754.96	-40000	-6.95	20	Pass
20C 120V	ax40	0	5755	Ant2	5754.96	-40000	-6.95	20	Pass
30C 138V	ax40	0	5755	Ant2	5754.96	-40000	-6.95	20	Pass
40C 120V	ax40	0	5755	Ant2	5755	0	0	20	Pass
-10C 102V	ax40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
20C 120V	ax40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
30C 138V	ax40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
40C 120V	ax40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
50C 120V	ax40	0	5795	Ant2	5794.96	-40000	-6.9	20	Pass
-10C 102V	ax80	0	5210	Ant1	5210	0	0	20	Pass
20C 120V	ax80	0	5210	Ant1	5210.08	80000	15.36	20	Pass
30C 138V	ax80	0	5210	Ant1	5210	0	0	20	Pass
40C 120V	ax80	0	5210	Ant1	5210.08	80000	15.36	20	Pass
50C 120V	ax80	0	5210	Ant1	5210.08	80000	15.36	20	Pass
-10C 102V	ax80	0	5775	Ant1	5775	0	0	20	Pass
20C 120V	ax80	0	5775	Ant1	5775.08	80000	13.85	20	Pass
30C 138V	ax80	0	5775	Ant1	5774.92	-80000	-13.85	20	Pass
40C 120V	ax80	0	5775	Ant1	5775	0	0	20	Pass
50C 120V	ax80	0	5775	Ant1	5775	0	0	20	Pass
-10C 102V	ax80	0	5210	Ant2	5210	0	0	20	Pass
20C 120V	ax80	0	5210	Ant2	5210.08	80000	15.36	20	Pass
30C 138V	ax80	0	5210	Ant2	5210	0	0	20	Pass
40C 120V	ax80	0	5210	Ant2	5210	0	0	20	Pass
50C 120V	ax80	0	5210	Ant2	5210.08	80000	15.36	20	Pass
-10C 102V	ax80	0	5775	Ant2	5774.92	-80000	-13.85	20	Pass
20C 120V	ax80	0	5775	Ant2	5775.08	80000	13.85	20	Pass
30C 138V	ax80	0	5775	Ant2	5775	0	0	20	Pass
40C 120V	ax80	0	5775	Ant2	5774.92	-80000	-13.85	20	Pass
50C 120V	ax80	0	5775	Ant2	5775	0	0	20	Pass

-----End of Test Report-----