

Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 40.8V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 55.2V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-20C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
-10C 48V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 48V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
30C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
40C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
50C 48V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 40.8V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 55.2V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-20C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
0C 48V	a	0	5200	Ant1	5200	0	0	25	Pass
10C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 48V	a	0	5200	Ant1	5200.04	40000	7.69	25	Pass
40C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
50C 48V	a	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 40.8V	a	0	5240	Ant1	5240	0	0	25	Pass
20C 48V	a	0	5240	Ant1	5240	0	0	25	Pass
20C 55.2V	a	0	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 48V	a	0	5240	Ant1	5240.04	40000	7.63	25	Pass
-10C 48V	a	0	5240	Ant1	5240	0	0	25	Pass
0C 48V	a	0	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 48V	a	0	5240	Ant1	5240	0	0	25	Pass
30C 48V	a	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 48V	a	0	5240	Ant1	5240	0	0	25	Pass
50C 48V	a	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 40.8V	a	0	5260	Ant1	5260.04	40000	7.6	25	Pass
20C 48V	a	0	5260	Ant1	5260.04	40000	7.6	25	Pass
20C 55.2V	a	0	5260	Ant1	5260	0	0	25	Pass
-20C 48V	a	0	5260	Ant1	5260.04	40000	7.6	25	Pass
-10C 48V	a	0	5260	Ant1	5260.04	40000	7.6	25	Pass
0C 48V	a	0	5260	Ant1	5260.02	20000	3.8	25	Pass
10C 48V	a	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 48V	a	0	5260	Ant1	5260.02	20000	3.8	25	Pass
40C 48V	a	0	5260	Ant1	5260	0	0	25	Pass
50C 48V	a	0	5260	Ant1	5260	0	0	25	Pass
20C 40.8V	a	0	5300	Ant1	5300	0	0	25	Pass
20C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 55.2V	a	0	5300	Ant1	5300.04	40000	7.55	25	Pass
-20C 48V	a	0	5300	Ant1	5300	0	0	25	Pass
-10C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
0C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
10C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
30C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
40C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
50C 48V	a	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 40.8V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 48V	a	0	5320	Ant1	5320	0	0	25	Pass
20C 55.2V	a	0	5320	Ant1	5320.04	40000	7.52	25	Pass
-20C 48V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 48V	a	0	5320	Ant1	5320.04	40000	7.52	25	Pass
0C 48V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass

10C 48V	a	0	5320	Ant1	5320	0	0	25	Pass
30C 48V	a	0	5320	Ant1	5320	0	0	25	Pass
40C 48V	a	0	5320	Ant1	5320.04	40000	7.52	25	Pass
50C 48V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 40.8V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 48V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
20C 55.2V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
-20C 48V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
-10C 48V	a	0	5500	Ant1	5500	0	0	25	Pass
0C 48V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
10C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
30C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
40C 48V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
50C 48V	a	0	5500	Ant1	5500.04	40000	7.27	25	Pass
20C 40.8V	a	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 48V	a	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 55.2V	a	0	5600	Ant1	5600	0	0	25	Pass
-20C 48V	a	0	5600	Ant1	5600.04	40000	7.14	25	Pass
-10C 48V	a	0	5600	Ant1	5600	0	0	25	Pass
0C 48V	a	0	5600	Ant1	5600	0	0	25	Pass
10C 48V	a	0	5600	Ant1	5600.04	40000	7.14	25	Pass
30C 48V	a	0	5600	Ant1	5600	0	0	25	Pass
40C 48V	a	0	5600	Ant1	5600	0	0	25	Pass
50C 48V	a	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 40.8V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
20C 48V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
20C 55.2V	a	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-20C 48V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
-10C 48V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
0C 48V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
10C 48V	a	0	5700	Ant1	5700	0	0	25	Pass
30C 48V	a	0	5700	Ant1	5700.04	40000	7.02	25	Pass
40C 48V	a	0	5700	Ant1	5700.02	20000	3.51	25	Pass
50C 48V	a	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 40.8V	a	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 48V	a	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 55.2V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
-20C 48V	a	0	5745	Ant1	5745.02	20000	3.48	25	Pass
-10C 48V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
0C 48V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
10C 48V	a	0	5745	Ant1	5745.02	20000	3.48	25	Pass
30C 48V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
40C 48V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
50C 48V	a	0	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 40.8V	a	0	5785	Ant1	5785	0	0	25	Pass
20C 48V	a	0	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 55.2V	a	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 48V	a	0	5785	Ant1	5785	0	0	25	Pass
-10C 48V	a	0	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 48V	a	0	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 48V	a	0	5785	Ant1	5785	0	0	25	Pass
30C 48V	a	0	5785	Ant1	5785.02	20000	3.46	25	Pass
40C 48V	a	0	5785	Ant1	5785	0	0	25	Pass
50C 48V	a	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 40.8V	a	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 48V	a	0	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 55.2V	a	0	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 48V	a	0	5825	Ant1	5825	0	0	25	Pass
-10C 48V	a	0	5825	Ant1	5825.06	60000	10.3	25	Pass
0C 48V	a	0	5825	Ant1	5825.04	40000	6.87	25	Pass
10C 48V	a	0	5825	Ant1	5825	0	0	25	Pass
30C 48V	a	0	5825	Ant1	5825.02	20000	3.43	25	Pass

40C 48V	a	0	5825	Ant1	5825.04	40000	6.87	25	Pass
50C 48V	a	0	5825	Ant1	5825.02	20000	3.43	25	Pass
NVNT	a	0	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NVNT	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
NVNT	a	0	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NVNT	a	0	5700	Ant2	5699.92	-80000	-14.04	25	Pass
NVNT	a	0	5745	Ant2	5744.94	-60000	-10.44	25	Pass
NVNT	a	0	5825	Ant2	5824.96	-40000	-6.87	25	Pass
50C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
40C 48V	a	0	5785	Ant2	5785	0	0	25	Pass
30C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
10C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
0C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
-10C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
-20C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 55.2V	a	0	5785	Ant2	5785.04	40000	6.91	25	Pass
20C 48V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 40.8V	a	0	5785	Ant2	5785.02	20000	3.46	25	Pass
50C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
40C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
30C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
10C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
0C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-10C 48V	a	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-20C 48V	a	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 55.2V	a	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 48V	a	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 40.8V	a	0	5600	Ant2	5600.04	40000	7.14	25	Pass
50C 48V	a	0	5300	Ant2	5300.04	40000	7.55	25	Pass
40C 48V	a	0	5300	Ant2	5300.02	20000	3.77	25	Pass
30C 48V	a	0	5300	Ant2	5300.02	20000	3.77	25	Pass
10C 48V	a	0	5300	Ant2	5300.04	40000	7.55	25	Pass
0C 48V	a	0	5300	Ant2	5300	0	0	25	Pass
-10C 48V	a	0	5300	Ant2	5300	0	0	25	Pass
-20C 48V	a	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 55.2V	a	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 48V	a	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 40.8V	a	0	5300	Ant2	5300	0	0	25	Pass
50C 48V	a	0	5260	Ant2	5260.04	40000	7.6	25	Pass
40C 48V	a	0	5260	Ant2	5260.02	20000	3.8	25	Pass
30C 48V	a	0	5260	Ant2	5260.02	20000	3.8	25	Pass
10C 48V	a	0	5260	Ant2	5260	0	0	25	Pass
0C 48V	a	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-10C 48V	a	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-20C 48V	a	0	5260	Ant2	5260.04	40000	7.6	25	Pass
20C 55.2V	a	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 48V	a	0	5260	Ant2	5260.06	60000	11.41	25	Pass
20C 40.8V	a	0	5260	Ant2	5260.06	60000	11.41	25	Pass
50C 48V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
40C 48V	a	0	5240	Ant2	5240.04	40000	7.63	25	Pass
30C 48V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
10C 48V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 48V	a	0	5240	Ant2	5240	0	0	25	Pass
-10C 48V	a	0	5240	Ant2	5240.04	40000	7.63	25	Pass
-20C 48V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 55.2V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 48V	a	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 40.8V	a	0	5240	Ant2	5240	0	0	25	Pass
50C 48V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
40C 48V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
30C 48V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 48V	a	0	5200	Ant2	5200.04	40000	7.69	25	Pass
0C 48V	a	0	5200	Ant2	5200.04	40000	7.69	25	Pass
-10C 48V	a	0	5200	Ant2	5200.04	40000	7.69	25	Pass

-20C 48V	a	0	5200	Ant2	5200.04	40000	7.69	25	Pass
20C 55.2V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 48V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 40.8V	a	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 40.8V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 55.2V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
-10C 48V	a	0	5180	Ant1	5180	0	0	25	Pass
0C 48V	a	0	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 48V	a	0	5320	Ant1	5320.04	40000	7.52	25	Pass
20C 55.2V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 48V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
0C 48V	a	0	5320	Ant1	5320	0	0	25	Pass
10C 48V	a	0	5320	Ant1	5320.06	60000	11.28	25	Pass
30C 48V	a	0	5320	Ant1	5320.02	20000	3.76	25	Pass
40C 48V	a	0	5320	Ant1	5320	0	0	25	Pass
20C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-20C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-10C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
0C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
40C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
50C 48V	a	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 40.8V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 55.2V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-20C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-10C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 48V	n20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
30C 48V	n20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
40C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
50C 48V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 40.8V	n20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 55.2V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-20C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
0C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 48V	n20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
40C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
50C 48V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 40.8V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 48V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 55.2V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 48V	n20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
-10C 48V	n20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
0C 48V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 48V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
30C 48V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 48V	n20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
50C 48V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 40.8V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 55.2V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-20C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-10C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
0C 48V	n20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
10C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
40C 48V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
50C 48V	n20	0	5260	Ant1	5260.04	40000	7.6	25	Pass

20C 40.8V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 55.2V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-20C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-10C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
0C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
10C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
30C 48V	n20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
40C 48V	n20	0	5300	Ant1	5300	0	0	25	Pass
50C 48V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 40.8V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
20C 48V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
20C 55.2V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-20C 48V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 48V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
0C 48V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
10C 48V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
30C 48V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
40C 48V	n20	0	5320	Ant1	5320	0	0	25	Pass
50C 48V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
20C 40.8V	n20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 48V	n20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
20C 55.2V	n20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-20C 48V	n20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
-10C 48V	n20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
0C 48V	n20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
10C 48V	n20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
30C 48V	n20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
40C 48V	n20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
50C 48V	n20	0	5500	Ant1	5500	0	0	25	Pass
20C 40.8V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 48V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 55.2V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
-20C 48V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
-10C 48V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
0C 48V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
10C 48V	n20	0	5600	Ant1	5600.04	40000	7.14	25	Pass
30C 48V	n20	0	5600	Ant1	5600	0	0	25	Pass
40C 48V	n20	0	5600	Ant1	5600	0	0	25	Pass
50C 48V	n20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 40.8V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 48V	n20	0	5700	Ant1	5700.04	40000	7.02	25	Pass
20C 55.2V	n20	0	5700	Ant1	5700.04	40000	7.02	25	Pass
-20C 48V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-10C 48V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
0C 48V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
10C 48V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
30C 48V	n20	0	5700	Ant1	5700.04	40000	7.02	25	Pass
40C 48V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
50C 48V	n20	0	5700	Ant1	5700	0	0	25	Pass
20C 40.8V	n20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 48V	n20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 55.2V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
-20C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
-10C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
0C 48V	n20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
30C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
40C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
50C 48V	n20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 40.8V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass

20C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 55.2V	n20	0	5785	Ant1	5785.04	40000	6.91	25	Pass
-20C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-10C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
10C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
40C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
50C 48V	n20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 40.8V	n20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 48V	n20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 55.2V	n20	0	5825	Ant1	5825	0	0	25	Pass
-20C 48V	n20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
-10C 48V	n20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 48V	n20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
10C 48V	n20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 48V	n20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
40C 48V	n20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
50C 48V	n20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 40.8V	n20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
20C 48V	n20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
20C 55.2V	n20	0	5180	Ant2	5180	0	0	25	Pass
-20C 48V	n20	0	5180	Ant2	5180	0	0	25	Pass
-10C 48V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
0C 48V	n20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
10C 48V	n20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
30C 48V	n20	0	5180	Ant2	5180.06	60000	11.58	25	Pass
40C 48V	n20	0	5180	Ant2	5180	0	0	25	Pass
50C 48V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 40.8V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 55.2V	n20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
-20C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
-10C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
0C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
30C 48V	n20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
40C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
50C 48V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 40.8V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 55.2V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
-20C 48V	n20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
-10C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
10C 48V	n20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
30C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
40C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
50C 48V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 40.8V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 48V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 55.2V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-20C 48V	n20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
-10C 48V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
0C 48V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
10C 48V	n20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
30C 48V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
40C 48V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
50C 48V	n20	0	5260	Ant2	5260.06	60000	11.41	25	Pass
20C 40.8V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass

20C 55.2V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-20C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-10C 48V	n20	0	5300	Ant2	5300.04	40000	7.55	25	Pass
0C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
10C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
30C 48V	n20	0	5300	Ant2	5300.04	40000	7.55	25	Pass
40C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
50C 48V	n20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 40.8V	n20	0	5320	Ant2	5320	0	0	25	Pass
20C 48V	n20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
20C 55.2V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
-20C 48V	n20	0	5320	Ant2	5320	0	0	25	Pass
-10C 48V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
0C 48V	n20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
10C 48V	n20	0	5320	Ant2	5320	0	0	25	Pass
30C 48V	n20	0	5320	Ant2	5320	0	0	25	Pass
40C 48V	n20	0	5320	Ant2	5320	0	0	25	Pass
50C 48V	n20	0	5320	Ant2	5320	0	0	25	Pass
20C 40.8V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
20C 48V	n20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
20C 55.2V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
-20C 48V	n20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
-10C 48V	n20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
0C 48V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
10C 48V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
30C 48V	n20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
40C 48V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
50C 48V	n20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
20C 40.8V	n20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 48V	n20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 55.2V	n20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-20C 48V	n20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
-10C 48V	n20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
0C 48V	n20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
10C 48V	n20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
30C 48V	n20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
40C 48V	n20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
50C 48V	n20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 40.8V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 48V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 55.2V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
-20C 48V	n20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
-10C 48V	n20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
0C 48V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
10C 48V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
30C 48V	n20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
40C 48V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
50C 48V	n20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 40.8V	n20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 48V	n20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 55.2V	n20	0	5745	Ant2	5745.06	60000	10.44	25	Pass
-20C 48V	n20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
-10C 48V	n20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
0C 48V	n20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
10C 48V	n20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
30C 48V	n20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
40C 48V	n20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
50C 48V	n20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 40.8V	n20	0	5785	Ant2	5785.04	40000	6.91	25	Pass
20C 48V	n20	0	5785	Ant2	5785	0	0	25	Pass
20C 55.2V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass

-20C 48V	n20	0	5785	Ant2	5785.04	40000	6.91	25	Pass
-10C 48V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
0C 48V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
10C 48V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
30C 48V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
40C 48V	n20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
50C 48V	n20	0	5785	Ant2	5785	0	0	25	Pass
20C 40.8V	n20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
20C 48V	n20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
20C 55.2V	n20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
-20C 48V	n20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
-10C 48V	n20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
0C 48V	n20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
10C 48V	n20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
30C 48V	n20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
40C 48V	n20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
50C 48V	n20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
20C 40.8V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 48V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 55.2V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
-20C 48V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
-10C 48V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
0C 48V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
10C 48V	n40	0	5190	Ant1	5190	0	0	25	Pass
30C 48V	n40	0	5190	Ant1	5190	0	0	25	Pass
40C 48V	n40	0	5190	Ant1	5190	0	0	25	Pass
50C 48V	n40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 40.8V	n40	0	5230	Ant1	5230	0	0	25	Pass
20C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 55.2V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-20C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-10C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
0C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
10C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
30C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
40C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
50C 48V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 40.8V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 55.2V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
-20C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
-10C 48V	n40	0	5270	Ant1	5270	0	0	25	Pass
0C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
10C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
30C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
40C 48V	n40	0	5270	Ant1	5270	0	0	25	Pass
50C 48V	n40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 40.8V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 48V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 55.2V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
-20C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
-10C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
0C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
10C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
30C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
40C 48V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
50C 48V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 40.8V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 55.2V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-20C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-10C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass

0C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
10C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
30C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
40C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
50C 48V	n40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 40.8V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 55.2V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
-20C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
-10C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
0C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
10C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
30C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
40C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
50C 48V	n40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 40.8V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 55.2V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
-20C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
-10C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
0C 48V	n40	0	5670	Ant1	5670	0	0	25	Pass
10C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
30C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
40C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
50C 48V	n40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 40.8V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 55.2V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
-20C 48V	n40	0	5755	Ant1	5755	0	0	25	Pass
-10C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
0C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
10C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
30C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
40C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
50C 48V	n40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 40.8V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 48V	n40	0	5795	Ant1	5795	0	0	25	Pass
20C 55.2V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
-20C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
-10C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
0C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
10C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
30C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
40C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
50C 48V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 40.8V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 55.2V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
-20C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
-10C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
0C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
10C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
30C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
40C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
50C 48V	n40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 40.8V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 55.2V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
-20C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
-10C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
0C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
10C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass

30C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
40C 48V	n40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
50C 48V	n40	0	5230	Ant2	5230	0	0	25	Pass
20C 40.8V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 55.2V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
-20C 48V	n40	0	5270	Ant2	5270	0	0	25	Pass
-10C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
0C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
10C 48V	n40	0	5270	Ant2	5270	0	0	25	Pass
30C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
40C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
50C 48V	n40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 40.8V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 55.2V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
-20C 48V	n40	0	5310	Ant2	5310	0	0	25	Pass
-10C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
0C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
10C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
30C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
40C 48V	n40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
50C 48V	n40	0	5310	Ant2	5310	0	0	25	Pass
20C 40.8V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 48V	n40	0	5510	Ant2	5510	0	0	25	Pass
20C 55.2V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
-20C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
-10C 48V	n40	0	5510	Ant2	5510	0	0	25	Pass
0C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
10C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
30C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
40C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
50C 48V	n40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 40.8V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
20C 48V	n40	0	5590	Ant2	5590	0	0	25	Pass
20C 55.2V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
-20C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
-10C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
0C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
10C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
30C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
40C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
50C 48V	n40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
20C 40.8V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 55.2V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
-20C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
-10C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
0C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
10C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
30C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
40C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
50C 48V	n40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 40.8V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 55.2V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
-20C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
-10C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
0C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
10C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
30C 48V	n40	0	5755	Ant2	5755	0	0	25	Pass
40C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass

50C 48V	n40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 40.8V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 55.2V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
-20C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
-10C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
0C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
10C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
30C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
40C 48V	n40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
50C 48V	n40	0	5795	Ant2	5795	0	0	25	Pass
20C 40.8V	ac20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 48V	ac20	0	5180	Ant1	5180	0	0	25	Pass
20C 55.2V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-20C 48V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-10C 48V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 48V	ac20	0	5180	Ant1	5180	0	0	25	Pass
10C 48V	ac20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
30C 48V	ac20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
40C 48V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
50C 48V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 40.8V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 48V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 55.2V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-20C 48V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 48V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
0C 48V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 48V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 48V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
40C 48V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
50C 48V	ac20	0	5200	Ant1	5200	0	0	25	Pass
20C 40.8V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 48V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 55.2V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
-20C 48V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
-10C 48V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
0C 48V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 48V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
30C 48V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 48V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
50C 48V	ac20	0	5240	Ant1	5240	0	0	25	Pass
20C 40.8V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 48V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 55.2V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-20C 48V	ac20	0	5260	Ant1	5260	0	0	25	Pass
-10C 48V	ac20	0	5260	Ant1	5260	0	0	25	Pass
0C 48V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
10C 48V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 48V	ac20	0	5260	Ant1	5260	0	0	25	Pass
40C 48V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
50C 48V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 40.8V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 48V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 55.2V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-20C 48V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-10C 48V	ac20	0	5300	Ant1	5300.04	40000	7.55	25	Pass
0C 48V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
10C 48V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
30C 48V	ac20	0	5300	Ant1	5300.04	40000	7.55	25	Pass
40C 48V	ac20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
50C 48V	ac20	0	5300	Ant1	5300.06	60000	11.32	25	Pass

20C 40.8V	ac20	0	5320	Ant1	5320	0	0	25	Pass
20C 48V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 55.2V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
-20C 48V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
-10C 48V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
0C 48V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
10C 48V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
30C 48V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
40C 48V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
50C 48V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 40.8V	ac20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 48V	ac20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
20C 55.2V	ac20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-20C 48V	ac20	0	5500	Ant1	5500	0	0	25	Pass
-10C 48V	ac20	0	5500	Ant1	5500	0	0	25	Pass
0C 48V	ac20	0	5500	Ant1	5500.06	60000	10.91	25	Pass
10C 48V	ac20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
30C 48V	ac20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
40C 48V	ac20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
50C 48V	ac20	0	5500	Ant1	5500.04	40000	7.27	25	Pass
20C 40.8V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 48V	ac20	0	5600	Ant1	5600.04	40000	7.14	25	Pass
20C 55.2V	ac20	0	5600	Ant1	5600.06	60000	10.71	25	Pass
-20C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
-10C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
0C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
10C 48V	ac20	0	5600	Ant1	5600	0	0	25	Pass
30C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
40C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
50C 48V	ac20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 40.8V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 55.2V	ac20	0	5700	Ant1	5700	0	0	25	Pass
-20C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-10C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
0C 48V	ac20	0	5700	Ant1	5700.04	40000	7.02	25	Pass
10C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
30C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
40C 48V	ac20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
50C 48V	ac20	0	5700	Ant1	5700	0	0	25	Pass
20C 40.8V	ac20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 48V	ac20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 55.2V	ac20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
-20C 48V	ac20	0	5745	Ant1	5745	0	0	25	Pass
-10C 48V	ac20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
0C 48V	ac20	0	5745	Ant1	5745	0	0	25	Pass
10C 48V	ac20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
30C 48V	ac20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
40C 48V	ac20	0	5745	Ant1	5745.04	40000	6.96	25	Pass
50C 48V	ac20	0	5745	Ant1	5745.06	60000	10.44	25	Pass
20C 40.8V	ac20	0	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 48V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 55.2V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 48V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-10C 48V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 48V	ac20	0	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 48V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 48V	ac20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
40C 48V	ac20	0	5785	Ant1	5785	0	0	25	Pass
50C 48V	ac20	0	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 40.8V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass

20C 48V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 55.2V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 48V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 48V	ac20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
0C 48V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 48V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 48V	ac20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
40C 48V	ac20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
50C 48V	ac20	0	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 40.8V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
20C 55.2V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
-20C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
-10C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
0C 48V	ac20	0	5180	Ant2	5180.06	60000	11.58	25	Pass
10C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
30C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
40C 48V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
50C 48V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 40.8V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 55.2V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
-20C 48V	ac20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
-10C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
0C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
30C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
40C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
50C 48V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 40.8V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
20C 48V	ac20	0	5240	Ant2	5240	0	0	25	Pass
20C 55.2V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
-20C 48V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
-10C 48V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 48V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
10C 48V	ac20	0	5240	Ant2	5240	0	0	25	Pass
30C 48V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
40C 48V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
50C 48V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 40.8V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 48V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
20C 55.2V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-20C 48V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
-10C 48V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
0C 48V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
10C 48V	ac20	0	5260	Ant2	5260	0	0	25	Pass
30C 48V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
40C 48V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
50C 48V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 40.8V	ac20	0	5300	Ant2	5300.04	40000	7.55	25	Pass
20C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 55.2V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-20C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-10C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
0C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
10C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
30C 48V	ac20	0	5300	Ant2	5300.04	40000	7.55	25	Pass
40C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
50C 48V	ac20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 40.8V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 48V	ac20	0	5320	Ant2	5320.04	40000	7.52	25	Pass

20C 55.2V	ac20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
-20C 48V	ac20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
-10C 48V	ac20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
0C 48V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
10C 48V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
30C 48V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
40C 48V	ac20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
50C 48V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 40.8V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
20C 48V	ac20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
20C 55.2V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
-20C 48V	ac20	0	5500	Ant2	5500.06	60000	10.91	25	Pass
-10C 48V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
0C 48V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
10C 48V	ac20	0	5500	Ant2	5500.06	60000	10.91	25	Pass
30C 48V	ac20	0	5500	Ant2	5500.06	60000	10.91	25	Pass
40C 48V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
50C 48V	ac20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
20C 40.8V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 55.2V	ac20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
-20C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-10C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
0C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
10C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
30C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
40C 48V	ac20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
50C 48V	ac20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 40.8V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
20C 48V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
20C 55.2V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
-20C 48V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
-10C 48V	ac20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
0C 48V	ac20	0	5700	Ant2	5700.06	60000	10.53	25	Pass
10C 48V	ac20	0	5700	Ant2	5700.06	60000	10.53	25	Pass
30C 48V	ac20	0	5700	Ant2	5700.06	60000	10.53	25	Pass
40C 48V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
50C 48V	ac20	0	5700	Ant2	5700.04	40000	7.02	25	Pass
20C 40.8V	ac20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 48V	ac20	0	5745	Ant2	5745.06	60000	10.44	25	Pass
20C 55.2V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
-20C 48V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
-10C 48V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
0C 48V	ac20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
10C 48V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
30C 48V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
40C 48V	ac20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
50C 48V	ac20	0	5745	Ant2	5745.04	40000	6.96	25	Pass
20C 40.8V	ac20	0	5785	Ant2	5785	0	0	25	Pass
20C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 55.2V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
-20C 48V	ac20	0	5785	Ant2	5785.04	40000	6.91	25	Pass
-10C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
0C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
10C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
30C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
40C 48V	ac20	0	5785	Ant2	5785.04	40000	6.91	25	Pass
50C 48V	ac20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 40.8V	ac20	0	5825	Ant2	5825	0	0	25	Pass
20C 48V	ac20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
20C 55.2V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass

-20C 48V	ac20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
-10C 48V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
0C 48V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
10C 48V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
30C 48V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
40C 48V	ac20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
50C 48V	ac20	0	5825	Ant2	5825.04	40000	6.87	25	Pass
20C 40.8V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 55.2V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
-20C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
-10C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
0C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
10C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
30C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
40C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
50C 48V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 40.8V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 55.2V	ac40	0	5230	Ant1	5230	0	0	25	Pass
-20C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-10C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
0C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
10C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
30C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
40C 48V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
50C 48V	ac40	0	5230	Ant1	5230	0	0	25	Pass
20C 40.8V	ac40	0	5270	Ant1	5270	0	0	25	Pass
20C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 55.2V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
-20C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
-10C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
0C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
10C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
30C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
40C 48V	ac40	0	5270	Ant1	5270	0	0	25	Pass
50C 48V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 40.8V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
20C 55.2V	ac40	0	5310	Ant1	5310	0	0	25	Pass
-20C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
-10C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
0C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
10C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
30C 48V	ac40	0	5310	Ant1	5310	0	0	25	Pass
40C 48V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
50C 48V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 40.8V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 55.2V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-20C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-10C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
0C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
10C 48V	ac40	0	5510	Ant1	5510	0	0	25	Pass
30C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
40C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
50C 48V	ac40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 40.8V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 55.2V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
-20C 48V	ac40	0	5590	Ant1	5590	0	0	25	Pass
-10C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass

0C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
10C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
30C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
40C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
50C 48V	ac40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
20C 40.8V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 55.2V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
-20C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
-10C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
0C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
10C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
30C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
40C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
50C 48V	ac40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 40.8V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 55.2V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
-20C 48V	ac40	0	5755	Ant1	5755	0	0	25	Pass
-10C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
0C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
10C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
30C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
40C 48V	ac40	0	5755	Ant1	5755	0	0	25	Pass
50C 48V	ac40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 40.8V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 55.2V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
-20C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
-10C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
0C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
10C 48V	ac40	0	5795	Ant1	5795	0	0	25	Pass
30C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
40C 48V	ac40	0	5795	Ant1	5795	0	0	25	Pass
50C 48V	ac40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 40.8V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 55.2V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
-20C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
-10C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
0C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
10C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
30C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
40C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
50C 48V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 40.8V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 55.2V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
-20C 48V	ac40	0	5230	Ant2	5230	0	0	25	Pass
-10C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
0C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
10C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
30C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
40C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
50C 48V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 40.8V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 55.2V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
-20C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
-10C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
0C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
10C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass

30C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
40C 48V	ac40	0	5270	Ant2	5270	0	0	25	Pass
50C 48V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 40.8V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 55.2V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
-20C 48V	ac40	0	5310	Ant2	5310	0	0	25	Pass
-10C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
0C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
10C 48V	ac40	0	5310	Ant2	5310	0	0	25	Pass
30C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
40C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
50C 48V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 40.8V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 55.2V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
-20C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
-10C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
0C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
10C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
30C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
40C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
50C 48V	ac40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 40.8V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
20C 48V	ac40	0	5590	Ant2	5590	0	0	25	Pass
20C 55.2V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
-20C 48V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
-10C 48V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
0C 48V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
10C 48V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
30C 48V	ac40	0	5590	Ant2	5590	0	0	25	Pass
40C 48V	ac40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
50C 48V	ac40	0	5590	Ant2	5590	0	0	25	Pass
20C 40.8V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 55.2V	ac40	0	5670	Ant2	5670	0	0	25	Pass
-20C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
-10C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
0C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
10C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
30C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
40C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
50C 48V	ac40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 40.8V	ac40	0	5755	Ant2	5755	0	0	25	Pass
20C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 55.2V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
-20C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
-10C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
0C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
10C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
30C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
40C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
50C 48V	ac40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 40.8V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 55.2V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
-20C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
-10C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
0C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
10C 48V	ac40	0	5795	Ant2	5795	0	0	25	Pass
30C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
40C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass

50C 48V	ac40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 40.8V	ac80	0	5210	Ant1	5210	0	0	25	Pass
20C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
20C 55.2V	ac80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
-20C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
-10C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
0C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
10C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
30C 48V	ac80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
40C 48V	ac80	0	5210	Ant1	5210	0	0	25	Pass
50C 48V	ac80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 40.8V	ac80	0	5290	Ant1	5290	0	0	25	Pass
20C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
20C 55.2V	ac80	0	5290	Ant1	5290	0	0	25	Pass
-20C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
-10C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
0C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
10C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
30C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
40C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
50C 48V	ac80	0	5290	Ant1	5290	0	0	25	Pass
20C 40.8V	ac80	0	5530	Ant1	5530	0	0	25	Pass
20C 48V	ac80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
20C 55.2V	ac80	0	5530	Ant1	5530	0	0	25	Pass
-20C 48V	ac80	0	5530	Ant1	5530	0	0	25	Pass
-10C 48V	ac80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
0C 48V	ac80	0	5530	Ant1	5530	0	0	25	Pass
10C 48V	ac80	0	5530	Ant1	5530	0	0	25	Pass
30C 48V	ac80	0	5530	Ant1	5530	0	0	25	Pass
40C 48V	ac80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
50C 48V	ac80	0	5530	Ant1	5530	0	0	25	Pass
20C 40.8V	ac80	0	5610	Ant1	5610	0	0	25	Pass
20C 48V	ac80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
20C 55.2V	ac80	0	5610	Ant1	5610	0	0	25	Pass
-20C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
-10C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
0C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
10C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
30C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
40C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
50C 48V	ac80	0	5610	Ant1	5610	0	0	25	Pass
20C 40.8V	ac80	0	5775	Ant1	5775	0	0	25	Pass
20C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
20C 55.2V	ac80	0	5775	Ant1	5775	0	0	25	Pass
-20C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
-10C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
0C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
10C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
30C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
40C 48V	ac80	0	5775	Ant1	5775	0	0	25	Pass
50C 48V	ac80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
20C 40.8V	ac80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
20C 55.2V	ac80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
-20C 48V	ac80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
-10C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
0C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
10C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
30C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
40C 48V	ac80	0	5210	Ant2	5210	0	0	25	Pass
50C 48V	ac80	0	5210	Ant2	5210.08	80000	15.36	25	Pass

20C 40.8V	ac80	0	5290	Ant2	5290	0	0	25	Pass
20C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
20C 55.2V	ac80	0	5290	Ant2	5290	0	0	25	Pass
-20C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
-10C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
0C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
10C 48V	ac80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
30C 48V	ac80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
40C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
50C 48V	ac80	0	5290	Ant2	5290	0	0	25	Pass
20C 40.8V	ac80	0	5530	Ant2	5530	0	0	25	Pass
20C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
20C 55.2V	ac80	0	5530	Ant2	5530	0	0	25	Pass
-20C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
-10C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
0C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
10C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
30C 48V	ac80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
40C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
50C 48V	ac80	0	5530	Ant2	5530	0	0	25	Pass
20C 40.8V	ac80	0	5610	Ant2	5610	0	0	25	Pass
20C 48V	ac80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
20C 55.2V	ac80	0	5610	Ant2	5610	0	0	25	Pass
-20C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
-10C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
0C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
10C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
30C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
40C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
50C 48V	ac80	0	5610	Ant2	5610	0	0	25	Pass
20C 40.8V	ac80	0	5775	Ant2	5775	0	0	25	Pass
20C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
20C 55.2V	ac80	0	5775	Ant2	5775	0	0	25	Pass
-20C 48V	ac80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
-10C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
0C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
10C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
30C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
40C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
50C 48V	ac80	0	5775	Ant2	5775	0	0	25	Pass
20C 40.8V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 55.2V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-20C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-10C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
30C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
40C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
50C 48V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 40.8V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 55.2V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-20C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
0C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
40C 48V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
50C 48V	ax20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 40.8V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass

20C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 55.2V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
-10C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
0C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
30C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
50C 48V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 40.8V	ax20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
20C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 55.2V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-20C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-10C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
0C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
10C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
40C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
50C 48V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 40.8V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 55.2V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-20C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
-10C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
0C 48V	ax20	0	5300	Ant1	5300.04	40000	7.55	25	Pass
10C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
30C 48V	ax20	0	5300	Ant1	5300.04	40000	7.55	25	Pass
40C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
50C 48V	ax20	0	5300	Ant1	5300.02	20000	3.77	25	Pass
20C 40.8V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 55.2V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-20C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
0C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
10C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
30C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
40C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
50C 48V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 40.8V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 55.2V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-20C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
-10C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
0C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
10C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
30C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
40C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
50C 48V	ax20	0	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 40.8V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 55.2V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
-20C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
-10C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
0C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
10C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
30C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
40C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
50C 48V	ax20	0	5600	Ant1	5600.02	20000	3.57	25	Pass
20C 40.8V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass

20C 55.2V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-20C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-10C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
0C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
10C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
30C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
40C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
50C 48V	ax20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 40.8V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 55.2V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
-20C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
-10C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
0C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
30C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
40C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
50C 48V	ax20	0	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 40.8V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 55.2V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-20C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
-10C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
0C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
10C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
40C 48V	ax20	0	5785	Ant1	5785.02	20000	3.46	25	Pass
50C 48V	ax20	0	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 40.8V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 55.2V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
40C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
50C 48V	ax20	0	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 40.8V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 55.2V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
-20C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
-10C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
0C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
10C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
30C 48V	ax20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
40C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
50C 48V	ax20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 40.8V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 55.2V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
-20C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
-10C 48V	ax20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
0C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
30C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
40C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
50C 48V	ax20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 40.8V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 55.2V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass

-20C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
-10C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
10C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
30C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
40C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
50C 48V	ax20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 40.8V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 55.2V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-20C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-10C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
0C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
10C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
30C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
40C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
50C 48V	ax20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 40.8V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 55.2V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-20C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
-10C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
0C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
10C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
30C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
40C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
50C 48V	ax20	0	5300	Ant2	5300.02	20000	3.77	25	Pass
20C 40.8V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 55.2V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
-20C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
-10C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
0C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
10C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
30C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
40C 48V	ax20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
50C 48V	ax20	0	5320	Ant2	5320.04	40000	7.52	25	Pass
20C 40.8V	ax20	0	5500	Ant2	5500.04	40000	7.27	25	Pass
20C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
20C 55.2V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
-20C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
-10C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
0C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
10C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
30C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
40C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
50C 48V	ax20	0	5500	Ant2	5500.02	20000	3.64	25	Pass
20C 40.8V	ax20	0	5600	Ant2	5600.04	40000	7.14	25	Pass
20C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 55.2V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-20C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
-10C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
0C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
10C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
30C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
40C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
50C 48V	ax20	0	5600	Ant2	5600.02	20000	3.57	25	Pass
20C 40.8V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 55.2V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
-20C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
-10C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass

0C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
10C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
30C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
40C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
50C 48V	ax20	0	5700	Ant2	5700.02	20000	3.51	25	Pass
20C 40.8V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 55.2V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
-20C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
-10C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
0C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
10C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
30C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
40C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
50C 48V	ax20	0	5745	Ant2	5745.02	20000	3.48	25	Pass
20C 40.8V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 55.2V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
-20C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
-10C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
0C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
10C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
30C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
40C 48V	ax20	0	5785	Ant2	5785.04	40000	6.91	25	Pass
50C 48V	ax20	0	5785	Ant2	5785.02	20000	3.46	25	Pass
20C 40.8V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
20C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
20C 55.2V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
-20C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
-10C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
0C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
10C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
30C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
40C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
50C 48V	ax20	0	5825	Ant2	5825.02	20000	3.43	25	Pass
20C 40.8V	ax40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 48V	ax40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 55.2V	ax40	0	5190	Ant1	5190	0	0	25	Pass
-20C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
-10C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
0C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
10C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
30C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
40C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
50C 48V	ax40	0	5190	Ant1	5190	0	0	25	Pass
20C 40.8V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 48V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 55.2V	ax40	0	5230	Ant1	5230	0	0	25	Pass
-20C 48V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-10C 48V	ax40	0	5230	Ant1	5230	0	0	25	Pass
0C 48V	ax40	0	5230	Ant1	5230	0	0	25	Pass
10C 48V	ax40	0	5230	Ant1	5230	0	0	25	Pass
30C 48V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
40C 48V	ax40	0	5230	Ant1	5230	0	0	25	Pass
50C 48V	ax40	0	5230	Ant1	5230	0	0	25	Pass
20C 40.8V	ax40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 48V	ax40	0	5270	Ant1	5270	0	0	25	Pass
20C 55.2V	ax40	0	5270	Ant1	5270	0	0	25	Pass
-20C 48V	ax40	0	5270	Ant1	5270	0	0	25	Pass
-10C 48V	ax40	0	5270	Ant1	5270	0	0	25	Pass
0C 48V	ax40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
10C 48V	ax40	0	5270	Ant1	5270.04	40000	7.59	25	Pass

30C 48V	ax40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
40C 48V	ax40	0	5270	Ant1	5270	0	0	25	Pass
50C 48V	ax40	0	5270	Ant1	5270	0	0	25	Pass
20C 40.8V	ax40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
20C 48V	ax40	0	5310	Ant1	5310	0	0	25	Pass
20C 55.2V	ax40	0	5310	Ant1	5310	0	0	25	Pass
-20C 48V	ax40	0	5310	Ant1	5310	0	0	25	Pass
-10C 48V	ax40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
0C 48V	ax40	0	5310	Ant1	5310	0	0	25	Pass
10C 48V	ax40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
30C 48V	ax40	0	5310	Ant1	5310	0	0	25	Pass
40C 48V	ax40	0	5310	Ant1	5310	0	0	25	Pass
50C 48V	ax40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
20C 40.8V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 55.2V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-20C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
-10C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
0C 48V	ax40	0	5510	Ant1	5510	0	0	25	Pass
10C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
30C 48V	ax40	0	5510	Ant1	5510	0	0	25	Pass
40C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
50C 48V	ax40	0	5510	Ant1	5510.04	40000	7.26	25	Pass
20C 40.8V	ax40	0	5590	Ant1	5590	0	0	25	Pass
20C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
20C 55.2V	ax40	0	5590	Ant1	5590	0	0	25	Pass
-20C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
-10C 48V	ax40	0	5590	Ant1	5590.04	40000	7.16	25	Pass
0C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
10C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
30C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
40C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
50C 48V	ax40	0	5590	Ant1	5590	0	0	25	Pass
20C 40.8V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 48V	ax40	0	5670	Ant1	5670	0	0	25	Pass
20C 55.2V	ax40	0	5670	Ant1	5670	0	0	25	Pass
-20C 48V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
-10C 48V	ax40	0	5670	Ant1	5670	0	0	25	Pass
0C 48V	ax40	0	5670	Ant1	5670	0	0	25	Pass
10C 48V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
30C 48V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
40C 48V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
50C 48V	ax40	0	5670	Ant1	5670.04	40000	7.05	25	Pass
20C 40.8V	ax40	0	5755	Ant1	5755	0	0	25	Pass
20C 48V	ax40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 55.2V	ax40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
-20C 48V	ax40	0	5755	Ant1	5755.04	40000	6.95	25	Pass
-10C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
0C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
10C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
30C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
40C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
50C 48V	ax40	0	5755	Ant1	5755	0	0	25	Pass
20C 40.8V	ax40	0	5795	Ant1	5795	0	0	25	Pass
20C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass
20C 55.2V	ax40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
-20C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass
-10C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass
0C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass
10C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass
30C 48V	ax40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
40C 48V	ax40	0	5795	Ant1	5795	0	0	25	Pass

50C 48V	ax40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 40.8V	ax40	0	5190	Ant2	5190	0	0	25	Pass
20C 48V	ax40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 55.2V	ax40	0	5190	Ant2	5190	0	0	25	Pass
-20C 48V	ax40	0	5190	Ant2	5190	0	0	25	Pass
-10C 48V	ax40	0	5190	Ant2	5190	0	0	25	Pass
0C 48V	ax40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
10C 48V	ax40	0	5190	Ant2	5190	0	0	25	Pass
30C 48V	ax40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
40C 48V	ax40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
50C 48V	ax40	0	5190	Ant2	5190	0	0	25	Pass
20C 40.8V	ax40	0	5230	Ant2	5230	0	0	25	Pass
20C 48V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 55.2V	ax40	0	5230	Ant2	5230	0	0	25	Pass
-20C 48V	ax40	0	5230	Ant2	5230	0	0	25	Pass
-10C 48V	ax40	0	5230	Ant2	5230	0	0	25	Pass
0C 48V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
10C 48V	ax40	0	5230	Ant2	5230	0	0	25	Pass
30C 48V	ax40	0	5230	Ant2	5230	0	0	25	Pass
40C 48V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
50C 48V	ax40	0	5230	Ant2	5230	0	0	25	Pass
20C 40.8V	ax40	0	5270	Ant2	5270	0	0	25	Pass
20C 48V	ax40	0	5270	Ant2	5270	0	0	25	Pass
20C 55.2V	ax40	0	5270	Ant2	5270	0	0	25	Pass
-20C 48V	ax40	0	5270	Ant2	5270	0	0	25	Pass
-10C 48V	ax40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
0C 48V	ax40	0	5270	Ant2	5270	0	0	25	Pass
10C 48V	ax40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
30C 48V	ax40	0	5270	Ant2	5270	0	0	25	Pass
40C 48V	ax40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
50C 48V	ax40	0	5270	Ant2	5270	0	0	25	Pass
20C 40.8V	ax40	0	5310	Ant2	5310	0	0	25	Pass
20C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
20C 55.2V	ax40	0	5310	Ant2	5310	0	0	25	Pass
-20C 48V	ax40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
-10C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
0C 48V	ax40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
10C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
30C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
40C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
50C 48V	ax40	0	5310	Ant2	5310	0	0	25	Pass
20C 40.8V	ax40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 48V	ax40	0	5510	Ant2	5510	0	0	25	Pass
20C 55.2V	ax40	0	5510	Ant2	5510	0	0	25	Pass
-20C 48V	ax40	0	5510	Ant2	5510	0	0	25	Pass
-10C 48V	ax40	0	5510	Ant2	5510	0	0	25	Pass
0C 48V	ax40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
10C 48V	ax40	0	5510	Ant2	5510	0	0	25	Pass
30C 48V	ax40	0	5510	Ant2	5510	0	0	25	Pass
40C 48V	ax40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
50C 48V	ax40	0	5510	Ant2	5510.04	40000	7.26	25	Pass
20C 40.8V	ax40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
20C 48V	ax40	0	5590	Ant2	5590	0	0	25	Pass
20C 55.2V	ax40	0	5590	Ant2	5590	0	0	25	Pass
-20C 48V	ax40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
-10C 48V	ax40	0	5590	Ant2	5590	0	0	25	Pass
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10C 48V	ax40	0	5590	Ant2	5590	0	0	25	Pass
30C 48V	ax40	0	5590	Ant2	5590	0	0	25	Pass
40C 48V	ax40	0	5590	Ant2	5590.04	40000	7.16	25	Pass
50C 48V	ax40	0	5590	Ant2	5590	0	0	25	Pass

20C 40.8V	ax40	0	5670	Ant2	5670	0	0	25	Pass
20C 48V	ax40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
20C 55.2V	ax40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
-20C 48V	ax40	0	5670	Ant2	5670	0	0	25	Pass
-10C 48V	ax40	0	5670	Ant2	5670	0	0	25	Pass
0C 48V	ax40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
10C 48V	ax40	0	5670	Ant2	5670.04	40000	7.05	25	Pass
30C 48V	ax40	0	5670	Ant2	5670	0	0	25	Pass
40C 48V	ax40	0	5670	Ant2	5670	0	0	25	Pass
50C 48V	ax40	0	5670	Ant2	5670	0	0	25	Pass
20C 40.8V	ax40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 48V	ax40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
20C 55.2V	ax40	0	5755	Ant2	5755	0	0	25	Pass
-20C 48V	ax40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
-10C 48V	ax40	0	5755	Ant2	5755	0	0	25	Pass
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10C 48V	ax40	0	5755	Ant2	5755	0	0	25	Pass
30C 48V	ax40	0	5755	Ant2	5755	0	0	25	Pass
40C 48V	ax40	0	5755	Ant2	5755.04	40000	6.95	25	Pass
50C 48V	ax40	0	5755	Ant2	5755	0	0	25	Pass
20C 40.8V	ax40	0	5795	Ant2	5795	0	0	25	Pass
20C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
20C 55.2V	ax40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
-20C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
-10C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
0C 48V	ax40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
10C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
30C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
40C 48V	ax40	0	5795	Ant2	5795	0	0	25	Pass
50C 48V	ax40	0	5795	Ant2	5795.04	40000	6.9	25	Pass
20C 40.8V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 55.2V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
-20C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
-10C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
0C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
10C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
30C 48V	ax80	0	5210	Ant1	5210	0	0	25	Pass
40C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
50C 48V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 40.8V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
20C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
20C 55.2V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
-20C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
-10C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
0C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
10C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
30C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
40C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
50C 48V	ax80	0	5290	Ant1	5290.08	80000	15.12	25	Pass
20C 40.8V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
20C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
20C 55.2V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
-20C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
-10C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
0C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
10C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
30C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
40C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
50C 48V	ax80	0	5530	Ant1	5530.08	80000	14.47	25	Pass
20C 40.8V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass

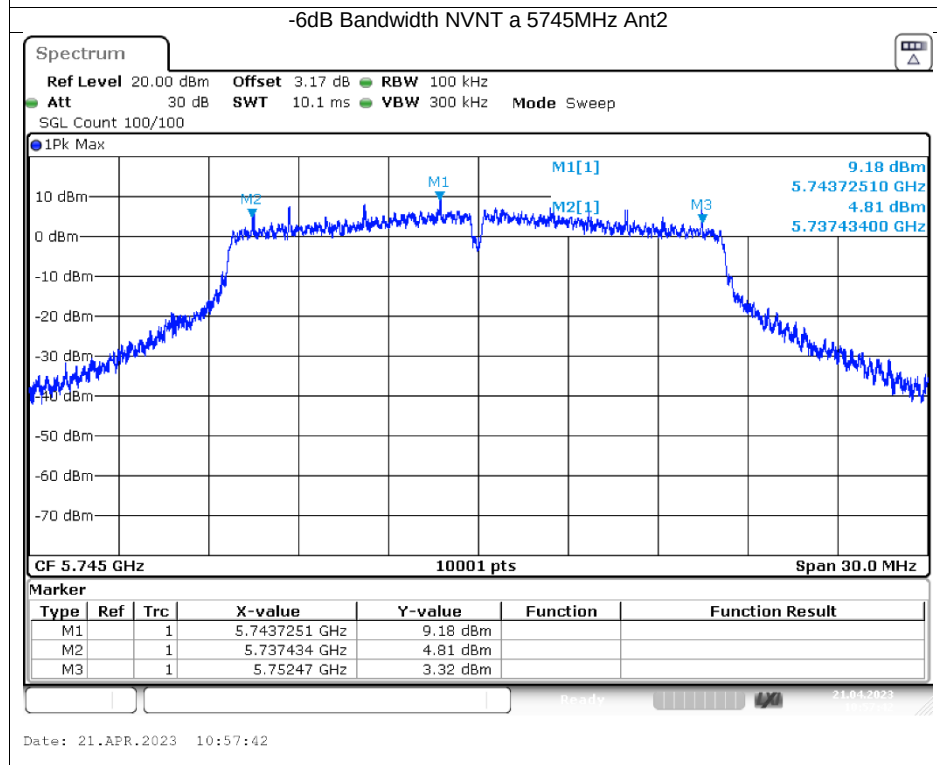
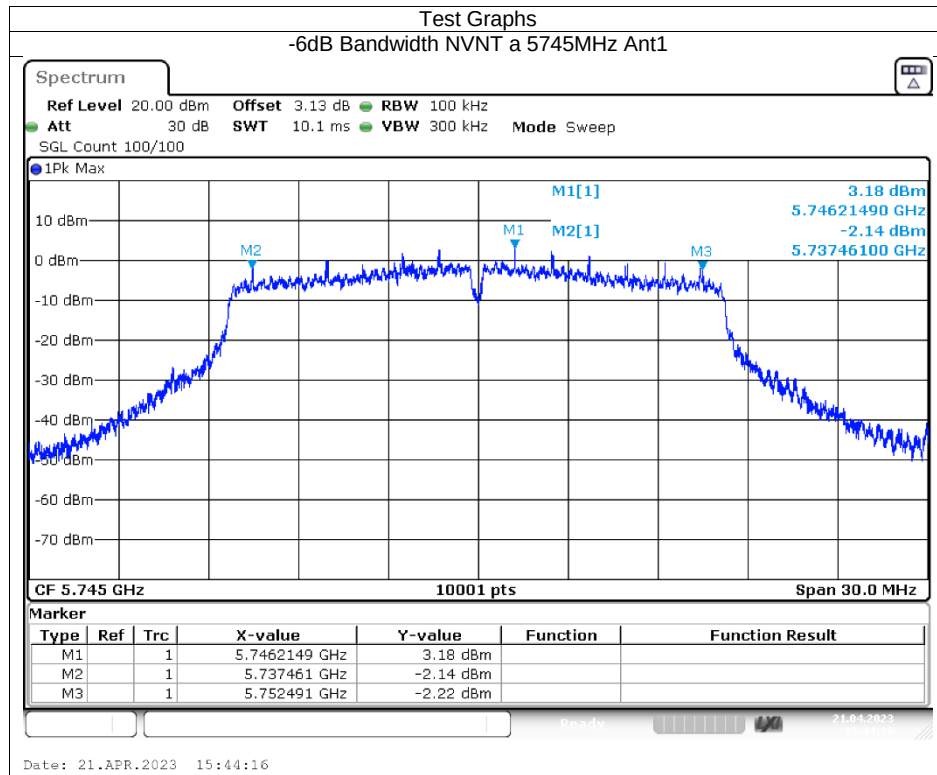
20C 48V	ax80	0	5610	Ant1	5610	0	0	25	Pass
20C 55.2V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
-20C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
-10C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
0C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
10C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
30C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
40C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
50C 48V	ax80	0	5610	Ant1	5610.08	80000	14.26	25	Pass
20C 40.8V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
20C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
20C 55.2V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
-20C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
-10C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
0C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
10C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
30C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
40C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
50C 48V	ax80	0	5775	Ant1	5775.08	80000	13.85	25	Pass
20C 40.8V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 55.2V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
-20C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
-10C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
0C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
10C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
30C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
40C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
50C 48V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 40.8V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
20C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
20C 55.2V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
-20C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
-10C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
0C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
10C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
30C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
40C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
50C 48V	ax80	0	5290	Ant2	5290.08	80000	15.12	25	Pass
20C 40.8V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
20C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
20C 55.2V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
-20C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
-10C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
0C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
10C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
30C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
40C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
50C 48V	ax80	0	5530	Ant2	5530.08	80000	14.47	25	Pass
20C 40.8V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
20C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
20C 55.2V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
-20C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
-10C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
0C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
10C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
30C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
40C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
50C 48V	ax80	0	5610	Ant2	5610.08	80000	14.26	25	Pass
20C 40.8V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
20C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass

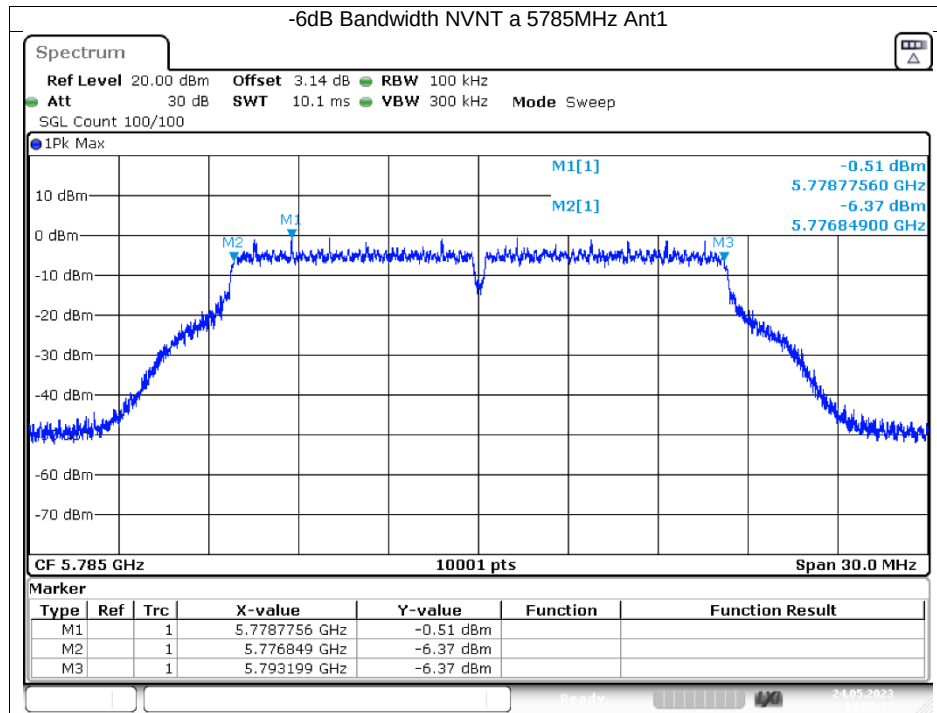
20C 55.2V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
-20C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
-10C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
0C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
10C 48V	ax80	0	5775	Ant2	5775	0	0	25	Pass
30C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
40C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
50C 48V	ax80	0	5775	Ant2	5775.08	80000	13.85	25	Pass
20C 40.8V	ac160	0	5250	Ant1	5250	0	0	25	Pass
20C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
20C 55.2V	ac160	0	5250	Ant1	5250	0	0	25	Pass
-20C 48V	ac160	0	5250	Ant1	5250.03	30000	5.71	25	Pass
-10C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
0C 48V	ac160	0	5250	Ant1	5250.06	60000	11.14	25	Pass
10C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
30C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
40C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
50C 48V	ac160	0	5250	Ant1	5250	0	0	25	Pass
NVNT	ac160	2	5250	Ant1	5250.08	80000	15.23	25	Pass
20C 40.8V	ac160	0	5250	Ant2	5250	0	0	25	Pass
20C 48V	ac160	0	5250	Ant2	5250.08	80000	15.23	25	Pass
20C 55.2V	ac160	0	5250	Ant2	5250	0	0	25	Pass
-20C 48V	ac160	0	5250	Ant2	5250	0	0	25	Pass
-10C 48V	ac160	0	5250	Ant2	5250.08	80000	15.23	25	Pass
0C 48V	ac160	0	5250	Ant2	5250	0	0	25	Pass
10C 48V	ac160	0	5250	Ant2	5250.06	60000	11.14	25	Pass
30C 48V	ac160	0	5250	Ant2	5250	0	0	25	Pass
40C 48V	ac160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
50C 48V	ac160	0	5250	Ant2	5250	0	0	25	Pass
20C 40.8V	ax160	0	5250	Ant1	5250	0	0	25	Pass
20C 48V	ax160	0	5250	Ant1	5250.06	60000	11.14	25	Pass
20C 55.2V	ax160	0	5250	Ant1	5250.06	60000	11.14	25	Pass
-20C 48V	ax160	0	5250	Ant1	5250	0	0	25	Pass
-10C 48V	ax160	0	5250	Ant1	5250	0	0	25	Pass
0C 48V	ax160	0	5250	Ant1	5250.06	60000	11.14	25	Pass
10C 48V	ax160	0	5250	Ant1	5250	0	0	25	Pass
30C 48V	ax160	0	5250	Ant1	5250	0	0	25	Pass
40C 48V	ax160	0	5250	Ant1	5250.06	60000	11.14	25	Pass
50C 48V	ax160	0	5250	Ant1	5250	0	0	25	Pass
20C 40.8V	ax160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
20C 48V	ax160	0	5250	Ant2	5250	0	0	25	Pass
20C 55.2V	ax160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
-20C 48V	ax160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
-10C 48V	ax160	0	5250	Ant2	5250	0	0	25	Pass
0C 48V	ax160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
10C 48V	ax160	0	5250	Ant2	5249.94	-60000	-11.14	25	Pass
30C 48V	ax160	0	5250	Ant2	5250	0	0	25	Pass
40C 48V	ax160	0	5250	Ant2	5250	0	0	25	Pass
50C 48V	ax160	0	5250	Ant2	5250	0	0	25	Pass
20C 40.8V	ac160	0	5570	Ant1	5570	0	0	25	Pass
20C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
20C 55.2V	ac160	0	5570	Ant1	5570	0	0	25	Pass
-20C 48V	ac160	0	5570	Ant1	5569.94	-60000	-10.77	25	Pass
-10C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
0C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
10C 48V	ac160	0	5570	Ant1	5569.94	-60000	-10.77	25	Pass
30C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
40C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
50C 48V	ac160	0	5570	Ant1	5570	0	0	25	Pass
20C 40.8V	ac160	0	5570	Ant2	5570	0	0	25	Pass
20C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass

20C 55.2V	ac160	0	5570	Ant2	5570	0	0	25	Pass
-20C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
-10C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
0C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
10C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
30C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
40C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
50C 48V	ac160	0	5570	Ant2	5570	0	0	25	Pass
20C 40.8V	ax160	0	5570	Ant1	5570	0	0	25	Pass
20C 48V	ax160	0	5570	Ant1	5570	0	0	25	Pass
20C 55.2V	ax160	0	5570	Ant1	5570	0	0	25	Pass
-20C 48V	ax160	0	5570	Ant1	5570.06	60000	10.77	25	Pass
-10C 48V	ax160	0	5570	Ant1	5569.94	-60000	-10.77	25	Pass
0C 48V	ax160	0	5570	Ant1	5569.94	-60000	-10.77	25	Pass
10C 48V	ax160	0	5570	Ant1	5570	0	0	25	Pass
30C 48V	ax160	0	5570	Ant1	5570	0	0	25	Pass
40C 48V	ax160	0	5570	Ant1	5570	0	0	25	Pass
50C 48V	ax160	0	5570	Ant1	5570	0	0	25	Pass
20C 40.8V	ax160	0	5570	Ant2	5570	0	0	25	Pass
20C 48V	ax160	0	5570	Ant2	5570	0	0	25	Pass
20C 55.2V	ax160	0	5570	Ant2	5570.02	20000	3.59	25	Pass
-20C 48V	ax160	0	5570	Ant2	5570	0	0	25	Pass
-10C 48V	ax160	0	5570	Ant2	5570	0	0	25	Pass
0C 48V	ax160	0	5570	Ant2	5570	0	0	25	Pass
10C 48V	ax160	0	5570	Ant2	5570.06	60000	10.77	25	Pass
30C 48V	ax160	0	5570	Ant2	5570.06	60000	10.77	25	Pass
40C 48V	ax160	0	5570	Ant2	5570.06	60000	10.77	25	Pass
50C 48V	ax160	0	5570	Ant2	5570	0	0	25	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.03	0.5	Pass
NVNT	a	5745	Ant2	15.036	0.5	Pass
NVNT	a	5785	Ant1	16.35	0.5	Pass
NVNT	a	5785	Ant2	16.356	0.5	Pass
NVNT	a	5825	Ant1	14.961	0.5	Pass
NVNT	a	5825	Ant2	14.934	0.5	Pass
NVNT	n20	5745	Ant1	11.271	0.5	Pass
NVNT	n20	5745	Ant2	15.024	0.5	Pass
NVNT	n20	5785	Ant1	17.577	0.5	Pass
NVNT	n20	5785	Ant2	17.574	0.5	Pass
NVNT	n20	5825	Ant1	14.106	0.5	Pass
NVNT	n20	5825	Ant2	12.534	0.5	Pass
NVNT	n40	5755	Ant1	34.41	0.5	Pass
NVNT	n40	5755	Ant2	32.292	0.5	Pass
NVNT	n40	5795	Ant1	30.054	0.5	Pass
NVNT	n40	5795	Ant2	34.326	0.5	Pass
NVNT	ac20	5745	Ant1	12.468	0.5	Pass
NVNT	ac20	5745	Ant2	15.081	0.5	Pass
NVNT	ac20	5785	Ant1	17.595	0.5	Pass
NVNT	ac20	5785	Ant2	17.577	0.5	Pass
NVNT	ac20	5825	Ant1	15.018	0.5	Pass
NVNT	ac20	5825	Ant2	16.245	0.5	Pass
NVNT	ac40	5755	Ant1	28.752	0.5	Pass
NVNT	ac40	5755	Ant2	30.27	0.5	Pass
NVNT	ac40	5795	Ant1	32.484	0.5	Pass
NVNT	ac40	5795	Ant2	32.562	0.5	Pass
NVNT	ac80	5775	Ant1	71.352	0.5	Pass
NVNT	ac80	5775	Ant2	65.088	0.5	Pass
NVNT	ax20	5745	Ant1	18.861	0.5	Pass
NVNT	ax20	5745	Ant2	18.981	0.5	Pass
NVNT	ax20	5785	Ant1	18.933	0.5	Pass
NVNT	ax20	5785	Ant2	19.011	0.5	Pass
NVNT	ax20	5825	Ant1	18.951	0.5	Pass
NVNT	ax20	5825	Ant2	18.933	0.5	Pass
NVNT	ax40	5755	Ant1	37.842	0.5	Pass
NVNT	ax40	5755	Ant2	37.74	0.5	Pass
NVNT	ax40	5795	Ant1	37.8	0.5	Pass
NVNT	ax40	5795	Ant2	37.968	0.5	Pass
NVNT	ax80	5775	Ant1	77.352	0.5	Pass
NVNT	ax80	5775	Ant2	77.724	0.5	Pass





Date: 24.MAY.2023 14:09:32

