Vitrek QT Enterprise 95X Test Report

DUT Model: Your Model
DUT Serial: Full Format

Tested By: operator on 4/4/2022 at 14:36
Using Model 9521 S/N 017909 with F/W v2.39
PASSED ALL TESTS

Step #1 DCW @ 100.00V for 2.00s PASSED
   Ramp for 0.50s, No Discharge
   Breakdown: 1.017mA @99.96V (10.00mA limit)
   Leakage: 984.9uA to 998.6uA (Avg: 997.8uA, Final: 998.1uA)
   Leakage Limits: 0.0nA to 10.00mA

Step #2 ACW @ 200.0V/60.00Hz for 2.00s PASSED
   Ramp for 1.00s, No Discharge
   Breakdown: 2.845mA @200.1V (10.00mA limit)
   RMS Leakage: 1.992mA to 1.998mA (Avg: 1.995mA, Final: 1.997mA)
   RMS Leakage Limits: 0.0nA to 10.00mA
   ARC: 0.46mA to 0.87mA (Avg: 0.58mA, Final: 0.65mA)
   ARC Limits: 10mA/4us

Step #3 DCIR @ 200.0V for 2.00s PASSED
   Ramp for 1.00s, Fast Discharge
   Breakdown: 2.017mA @199.9V (10.00mA limit)
   Leakage: 100.2kOhms to 100.2kOhms (Avg: 100.2kOhms, Final: 100.2kOhms)
   Leakage Limit: 20.00kOhms min

Step #4 GB @ 10.00A/60.00Hz for 2.00s PASSED
   Ramp for 0.00s, Fast Discharge
   RMS Load: 1.513mV to 1.531mV (Avg: 1.522mV, Final: 1.519mV)
   RMS Load Limits: 0.00uV to 100.0mV

Step #5 Low Ohms PASSED
   Using 2-wire method, 2s test time
   Load: -121.4mOhms to -116.4mOhms (Avg: -118.7mOhms, Final: -116.4mOhms)
   Load Limits: 0.00mOhms to 10.000kOhms after 0.10sec

Step #6 AC Gnd Leakage for 2.00s PASSED
   Leakage: 89.2nA to 95.4nA (Avg: 92.6nA, Final: 91.8nA)
   Leakage Limits: 0.0nA to 500.0uA after 0.05sec

Step #7 DC Gnd Leakage for 2.00s PASSED
   Leakage: -0.4nA to -0.2nA (Avg: -0.3nA, Final: -0.4nA)
   Leakage Limits: 0.0nA to 500.0uA after 0.05sec

Step #8 Breakdown at 10.00mA PASSED
   Voltage: 997.5V @ 10.00mA (30.00V to 1000.0V limits)

Step #9 Positive Pulse at 100V PASSED
   Ramp Time: 5.0ms, Dwell Time: 5.0
   Breakdown: 0.0uA @0.00V (25.00mA limit)