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Vitretek QT Insite 95x Test Report

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DUT Model: Your-Model

DUT Serial Number: A-Serial-Number

Tested By: tjw on 3/17/25,13:59:44

Instrument: 952i SN: 017909

Passed all tests

Step #1 Hold: 60.0s PASSED

Step #2 ACW @ 220.0V/60.0Hz for 10.0s PASSED

Ramp: 1.5s, Discharge: Fast

Breakdown: 73.731nA @ 220.004V (15.000mA limit)

Leakage #1: RMS 58.836pA to 150.114pA, Avg:113.352pA, Final:95.790pA (0.000A to 10.000mA limits)

Leakage #2: QUAD 17.167pA to 92.170pA, Avg:62.898pA, Final:44.991pA (0.000A to 25.000uA limits)

Step #3 ACCAP @ 300.0V/60.0Hz for 10.0s PASSED

Ramp: 1.5s, Discharge: Fast

Breakdown: 85.896nA @ 299.991V (15.000mA limit)

Capacitance: 0.000pF to 0.001pF, Avg:0.001pF, Final:0.001pF (0.000F to 2.100nF limits)

Dissipation: 617.049mDf to 939.880mDf, Avg:837.597mDf, Final:762.817mDf (0.000Df to 999.000mDf limits)

Step #4 DCW @ 400.0V for 11.0s PASSED

Ramp: 6.0s, Discharge: Ramp

Breakdown: 18.753uA @ 400.017V (15.000mA limit)

Leakage: -148.925pA to -95.921pA, Avg:-129.670pA, Final:-143.042pA (0.000A to 25.000uA limits)

Step #5 DCIR @ 500.0V for 10.0s PASSED

Ramp: 1.5s, Discharge: Fast

Breakdown: 20.003uA @ 500.014V (15.000mA limit)

Leakage: 1027.070GΩ to 1028.640GΩ, Avg:1028.400GΩ, Final:1028.430GΩ (100.000MΩ to 1100.000GΩ limits)

Step #6 ACI for 10.0s PASSED

Leakage: 8.883nA to 15.311nA, Avg:9.496nA, Final:9.497nA (0.000A to 50.000uA limits)

Step #7 DCI for 10.0s PASSED

Leakage: -302.282pA to -206.458pA, Avg:-248.762pA, Final:-220.312pA (0.000A to 100.000uA limits)

Step #8 Hold: 60.0s PASSED

Step #9 LowOhms 2-wire for 5.0s PASSED

Load: -156.350mΩ to -151.321mΩ, Avg:-153.358mΩ, Final:-151.321mΩ (0.000Ω to 1.000Ω limits)

Step #10 GB @ 2.0A/60.0Hz for 10.0s PASSED

Ramp: 1.0s, Discharge: Fast

RMS Load: 208.527uΩ to 209.771uΩ, Avg:209.262uΩ, Final:209.612uΩ (0.000Ω to 100.000mΩ limits)

Step #11 Hold: 60.0s PASSED