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FLI Library Version: Software Development Library for Windows 1.98 FLITest_SCX Version: 3.29 SCX, Tester SN: 2
                               Serial Number: PL0394113
                                        Model: PROLINE PL4240
                          Sensor designation: CCD42-40-1-368 12281-06-09
                                 Sensor Type: Single Channel
                            Lab ambient temp: 23.0
                               CCD Test Temp: -30
Basic Functions
                             CCD temp sensor: OK.
                            Base temp sensor: OK.
CCD Chamber
                        Desiccant installed: OK.
                                      Purged: OK.
                        Noble Gas Back-fill: OK.
              Window clean on both surfaces: OK.
                           CCD free of dust: Yes
Performance
        Cooler can achieve dT greater than: -45.0C (measured -57.6)
                     Cooler is rate limited: Yes (-5.00 C/min)
                           Cooler test time: 932.58
                                Cooler Tests: Pass
               Noise distribution is random: Yes
          Bias frame histogram is Gaussian: Yes
        Standard test target appearance OK: Yes
Specific Tests
                        Amplifier Glow Test: Pass
              Amplifier Glow Auxiliary Test: Pass
                       Power Supply voltage: 11.8
                AUX Connector Pin 4 voltage: -0.0
                              Camera Current: 951.1 mA (Pass)
                              Cooler Current: 3610.1 mA (Pass)
                            External Trigger: Working
                                   AUX Pin 1: Working OK.
                                   AUX Pin 2: Working OK.
                                   AUX Pin 3: Working OK.
Gain and Noise Measurement
2.0 MHz Main
 Conversion factor (gain): 1.34
                     Bias: 981.5
            Readout noise: 14.0 (e-)
                Saturation: 86501.0 (e-)
  Horizontal Binning Test: Pass
Bias Drift Test: Pass
 100s Dark Current Growth: 25.5 ADU (Pass) @ -30.0 C
  Maximum Linearity Error: 0.047 (%) (Pass)
500KHz Main
 Conversion factor (gain): 1.35
                     Bias: 999.0
            Readout noise: 8.8 (e-)
                Saturation: 87123.6 (e-)
 Horizontal Binning Test: Pass
Bias Drift Test: Pass
 100s Dark Current Growth: 25.1 ADU (Pass) @ -30.0 C
  Maximum Linearity Error: 0.033 (%) (Pass)
```

Finger Lakes Instrumentation Quality Assurance Test Summary

Camera Passed.