Conclusion of DFPS Phase I

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On-Line Documents

- Summary of DFPS Phase I
- Development Log
- Design Resources

Test Stand Two Electronics

TS2_Electronics

Observing Requirements

- The Stage Five Spectrograph should measure 1 billion spectra in ten years.
- We need 50k fibers rather than 5k.
- Do the fibers need to be able to reach every point in the field of view?
- Our observing simulation is how we explored this question.

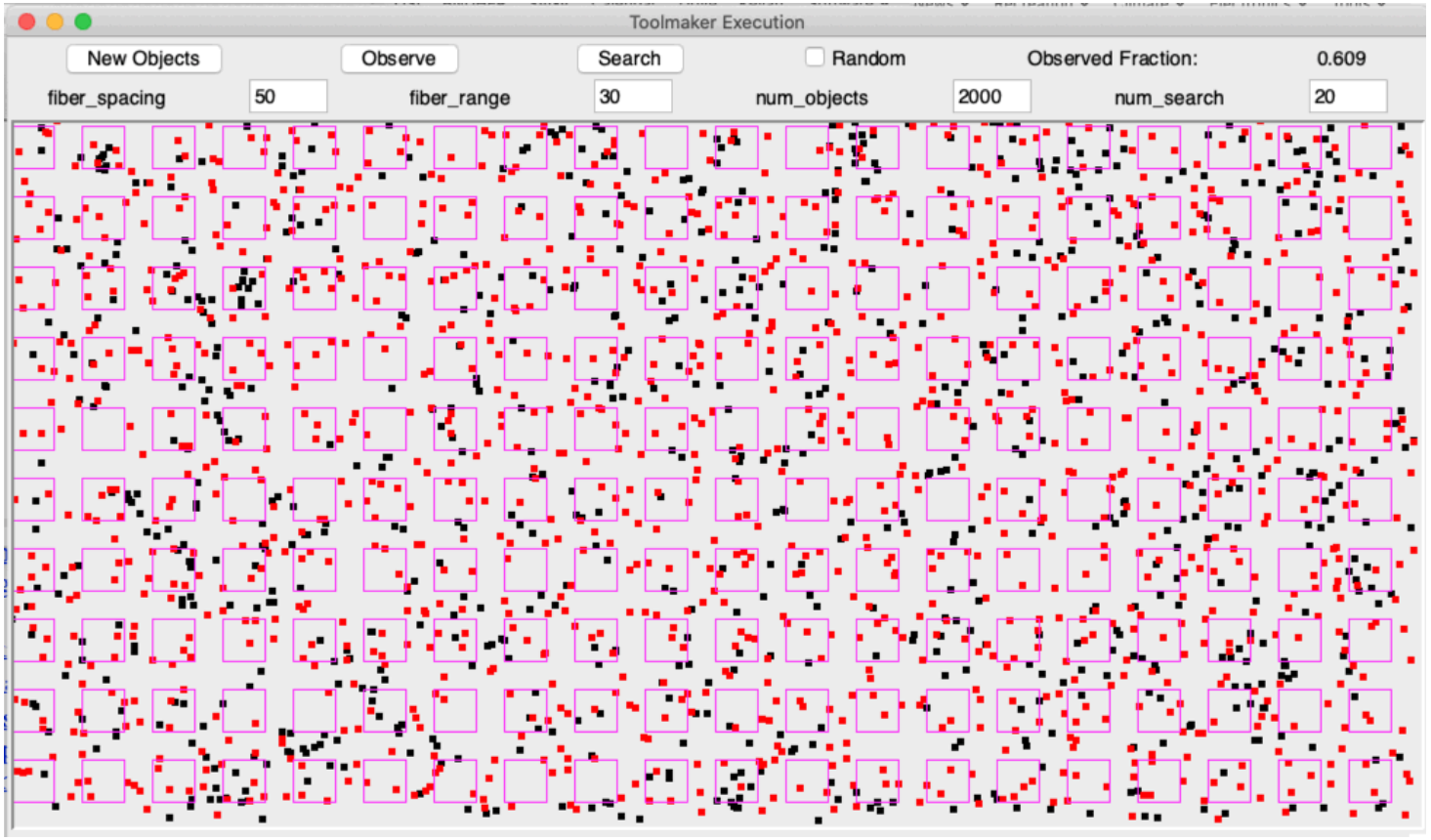

Figure: Graphical Output of Observing Simulation

Remote Control Demonstration

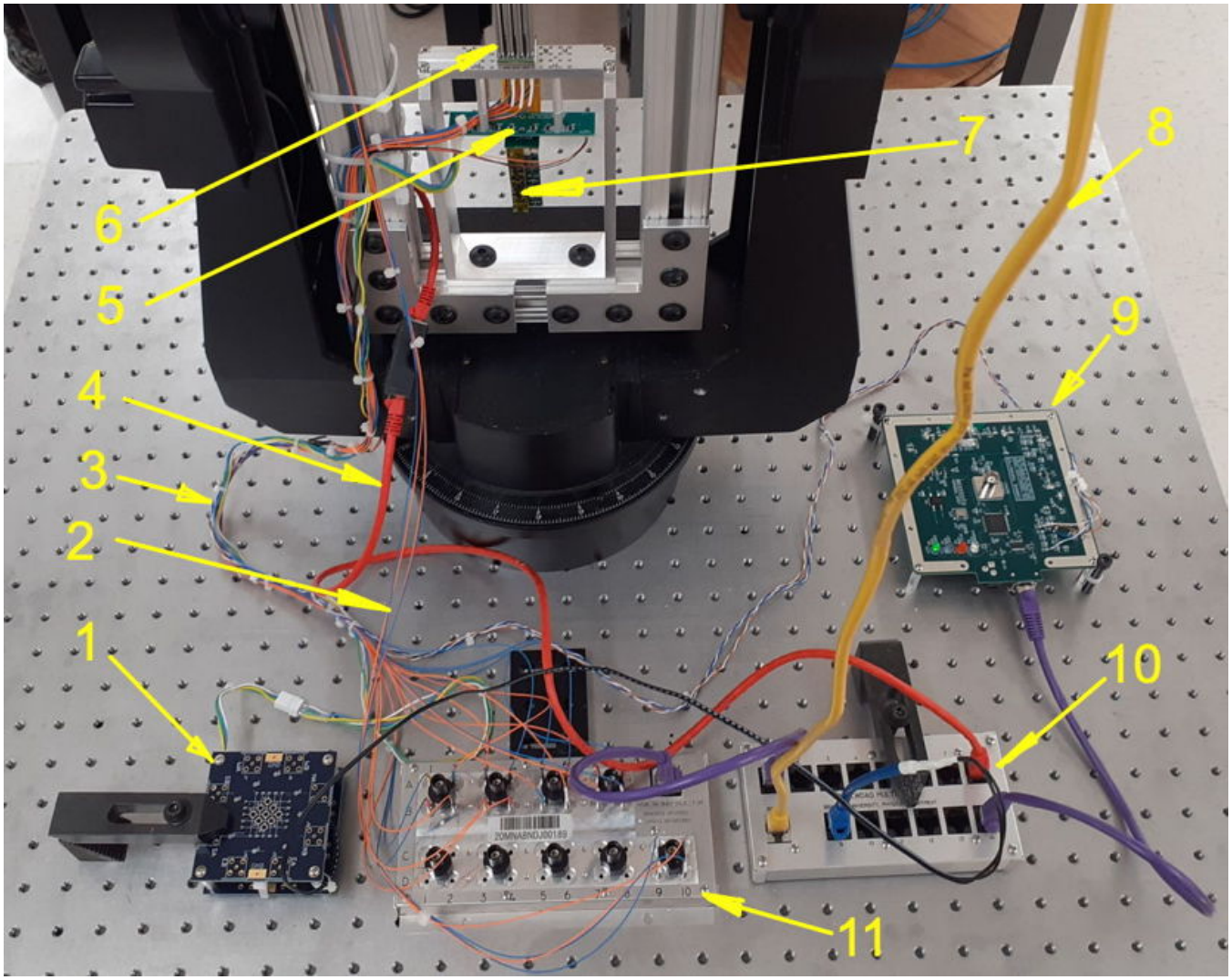

Figure: Test Stand Two Electronics, Annotated. Showing (1) ±250V power supply, (2) fiducial fibers, (3) positioner fibers and wires, (4) camera cable, (5) backplane, (6) actuators, (7) fiber controllers, (8) LWDAQ root cable, (9) command transmitter, (10) LWDAQ multiplexer, and (11) thirty-six way contact injector.

- Test Stand Two is On-Line.

- We will now attempt to demonstrate the fiber positioner control.