TABLE 1. DEA Interface Board Command Timing

Command	Execution Time	Reply Timing	Total Time (including transmission)
Read CCD Controller Housekeeping	56.6µs	45.5µs	121µs
Read Interface Housekeeping	56.6µs	45.5µs	121µs
Write Focal Plane Temperature	9µs	N/A	33µs
Write Back-out Temperature	9µs	N/A	33µs
Enable Relay	1.024ms	N/A	1.048ms
Switch CCD Controller Power	9µs[a]	N/A	33µs
Calibrate A/D Converter	9.6ms	N/A	9.6ms
Reset CCD Controllers	100ms	N/A	100ms

a. The CCD Controller power enable execution time does not include the board charge time. The instrument software will wait at 1/2 second after switching power on or off to a CCD Controller to allow the board to fully charge.