SDO HMI Internal Weekly On-Orbit Report

Week of Monday, June 27, 2011 through Sunday, July 3, 2011

Summary

HMI successfully performed its weekly calibrations on Tuesday, June 28th (obs-mode flatfield) and on Wednesday, June 29th (obs-mode flatfield, cal-mode flatfield, and reduced focus sweep), using timed scripts. HMI performed nominally during the monthly AIA GT/PZT Calibration maneuver on June 30th, 2011. HMI is performing nominally.

Weekly Calibrations

Calibration	Date/Time	Script	Ran by	Notes
Flat field (observation mode-1)	28-Jun-11 19:00 UT	2701	Timed Script	
Flat field (observation mode-1)	29-Jun-11 19:00 UT	2701	Timed Script	
Flat field (calibration mode)	29-Jun-11 19:08 UT	2702	Timed Script	
Reduced focus sweep	29-Jun-11 19:16 UT	2704	Timed Script	

Loads

None

Thermal Adjustments

None

S/C Calibrations/Maneuvers

1. **AIA GT/PZT Calibration**
   30-Jun-2011
   15:00-16:42 UT
   HMI performed nominally during the monthly AIA GT/PZT Calibration maneuver.

Additional Operations

None

Instrument Anomalies

None

Limit violations
None

Clock Adjustments
None

Long term Trends

1. **Corrupt Image FSN 469769216 (0x1C001C000)**
   Occurrences this week: None
   Occurrences to date: 36

2. **Corrupt Image FSN 9175180 (0x008C008C)**
   Occurrences this week: None
   Occurrences to date: 2

Other

1. **Temporary loss of telemetry due to BMW issues.**
   30-Jun-2011
   15:00 – 20:50 UT

   BMW went down at the MOC, so there was a temporary loss of telemetry in HMIIOC-CMD. Telemetry was reconnected to the nominal configuration once BMW came back up. At all times HMIIOC-MON continued to collect telemetry from Audi.