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Summary of Anomalies:

station info

MA orbit 47500 EGOI data missing 10:49:55 - 11:01:07  
 MA orbit 47505 EGOI data missing 18:53:07 - 18:57:26  
 MA orbit 47507 EGOI data missing 22:08:21 - 22:18:10

instrument info

EGOI

- 1 - anomalous low values for channel\_4 readouts  
 anomalous values for channel summation and 780 m Uncal.  
 Intensity plot.  
 Anomalous behaviour during orbits 47451 - 47507  
 18-May-2004 until 21-May-2004 contiguously
  
- 2 - anomalous values for FPA Temperatures (all channels)  
 instead of stable value ~235 K, varying sinusoidal between  
 230 and ~238 K, since 21-May-2004, ~14:00, orbit 47502 holding  
 on until the end of the day orbit 47507  
 anomalous values for Peltier I and II since 14:00 orbit 47502  
 value varying between 0 and - 8419 (nominal would be ~-1)  
 anomalous values for  
 DDHU Temp, increasing from ~295K to ~300K during orb. 47502-507  
 Optical Bench Temp. increasing from ~282K to 286K, orb. 47502-507  
 Other Temp. B increasing from ~275K to ~285K, orb. 47502-507
  
- 3 - complete solar calibration measurements available  
 start time 18:57:26.66 , orbit 47505 (8th KS orbit),  
 (increase of intensity of PMD readouts during available  
 solar calibration measurements data:  
 15420 BU ->PMD2 readouts analysed with ERGO.

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 GOME Daily Reports Analysis                    21 May                    2004  
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Station ID	see above
MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	OK
Integration Times Channel 1	OK
Co-Adding and Cluster Mode Flags	OK
Integration Times Band 2A	OK
Integration Times Band 2B	OK
Integration Times Band 3	OK
Integration Times Band 4	OK
Scan Mirror Position	OK
Polarisation Detectors	OK
FPA Temperatures A	instead of stable value ~235 K, varying sinusoidal between
FPA Temperatures B	instead of stable value ~235 K, varying sinusoidal between
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	anomalous values see above
Optical Bench Temperatures	anomalous values see above
Other Temperatures B	anomalous values see above
Calibr. Lamp and Instr. Status 3	OK
Scan Mirror Motor Current	OK
Selected Temperature A	anomalous values see above
Selected Temperature B	anomalous values see above
Selected Temperature C	anomalous values see above
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	anomalous low values, see above
Log pages	OK

331/318 nm Uncal. Line Ratio  
Uncal. PMDs as RGB signal  
780 nm Uncal. Intensity

OK  
OK  
anomalous low values ,see above