
Summary of Anomalies:

station info

MA orbit 47529 EGOI data missing 11:28:24 - 11:36:24
 MA orbit 47535 EGOI data missing 21:03:00 - 21:16:26
 GS orbit 47532 EGOI data gap 16:27:20 - 16:41:01

instrument info

EGOI
 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 - 47536
 18-May-2004 until 23-May-2004 contiguously

- 2 - anomalous values for FPA Temperatures (all channels)
 instead of stable value ~235 K, varing sinusoidal between
 230 and ~238 K, since 21-May-2004, ~14:00, orbit 47502 holding
 on until the end of the day orbit 47536
 anomalous values for Peltier I, II, III and IV since
 21-May-2003, 14:00 orbit 47502
 value variing between 0 and - 8419 (nominal would be ~-1)
 anomalous values for
 DDHU Temp, increased from ~295K to ~305K (stable at this value)
 during orb. 47502-536
 Optical Bench Temp. increased from ~282K to 290K (stable at
 this value), orb.47502-536
 Other Temp. B increased from ~275K to ~290K (stable at this
 value), orb. 47502-536

- 3 - complete solar calibration measurements available
 start time 17:54:08.78, orbit 47533 (7th KS orbit),
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 15480 BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis 23 May 2004

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, varing sinusoidal
FPA Temperatures B	instead of stable value ~235 K, varing sinusoidal
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OKanomalous values see above
Optical Bench Temperatures	OKanomalous values see above
Other Temperatures B	OKanomalous 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	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	anomalous low values, see above