
Monthly Calibration mode from ~14:00 - ~21:00 (Orb.45870-74)

(please note that Lamp Failures occurred in orbits 45871 and 45872)

Summary of Anomalies:

station info

ok

instrument info

EGOI

- 1 - LAMP FAILURES no 88, 89 occurred during monthly calibration sequences
 orbit 45871: lamp sequences went into Lamp Failures,
 after 10-12 sec at 15:32:51, reaching only a voltage of 182 V
 orbit 45872: lamp sequences went into Lamp Failures,
 after 10-12 sec at 17:13:24, reaching only a voltage of 180 V

- 2 - calibration lamp instability during calibration orbits 45870 -74,
 sudden decrease of voltage from ~198 - 180/185V ,
 remaining on low voltage value for several products
 then increase to nominal value,
 This behaviour of sudden decrease/increase in voltage,
 is repeated during all

- 3 - complete solar calibration measurements available
 start time 12:09:09.31, orbit 45869 (4th KS orbit),
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 16600BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis

28 Jan

2004

Station ID	OK
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	OK
FPA Temperatures B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibr. Lamp and Instr. Status 3	LAMP FAILURE and Lamp instability (see above)
Scan Mirror Motor Current	OK
Selected Temperature A	OK
Selected Temperature B	OK
Selected Temperature C	OK
Channel 1 Summation	OK
Channel 2 Summation	OK
Channel 4 Summation	OK

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

GOME Memory Dump Check

28 Jan

2004

no data received