
Monthly Calibration mode from ~14:00 - ~21:00 (Orb.46314-19)

(please note that Lamp Failures occurred in orbit 46318)

Summary of Anomalies:

station info

GS orbit 46306 data missing 00:35:33 - 00:42:46

instrument info

EGOI

- 1 - LAMP FAILURES no 90, 91 occurred during monthly calibration sequences:
 orbit 46318 Lamp Failure stop time 20:44:47
 (start time cannot be analysed due to data are available only at visibility of groundstation)
 orbit 46318: Lamp Failure start 20:57:16 stop later than 21:05:41
 (data are available only at visibility of groundstation)
 lamp sequences went into Lamp Failures,
 after 10-12 sec voltage decreased suddenly from ~200 - 180 V

- 2 - calibration lamp instability during calibration orbits 46316-19,
 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 orbits 46316-19

- 3 - complete solar calibration measurements available
 start time 12:31:47.65 , orbit 46313 (4th KS orbit),
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 16570 BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis 28 Feb 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	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 Feb 2004

no data received