
Summary of Anomalies:

station info

OK

instrument info

EGOI

- 1 - GOME/ATSR was inhibited due to ATSR restart
(see unavailability fax, ESOC, ER-UNA-2003/016-17)

data gap: 08:41:46 - 10:32:31 d.Orb. 42274-42276

GOME in idle mode between 10:32:31 - ~13:20

TST started at ~13:20 d.orb 42277

solar calibration with warm detectors:

start at 13:26:48.97, (T = 261K)

cooler switchings between 08:41:46 - 13:32:41

max warm up of detectors ~266K

back to MPS ~15:00

- 2 - calibration lamp instability:

dump orbit 42277

voltage: all values of lamp ignition (1 product) are ~6V - 7V higher than

nominal values (nom ~197 V) (during TST44);

otherwise nominal behaviour of voltage (i.e. no decrease

during TST44)

GOME Daily Reports Analysis

22 May

2003

Station ID data gap: 08:41:46 - 10:32:31 d.Orb. 42274-42276

MPH Product Confidence	OK
SPH Window Information	OK
Command Word Echo Summary	OK
Instrument Status 1A	OK
Instrument Status 1B	OK
Instrument Status 2	cooler switchings between 08:41:46 - 13:32:41
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	max warm up of detectors 265.1K, 265.5K
FPA Temperatures B	max warm up of detectors 265.3K, 265.8K
Charge Amp Temperatures	OKtemp out of range due to switch off
Other Temperatures A	OKtemp out of range due to switch off
DDHU Temperatures	OKtemp out of range due to switch off
Optical Bench Temperatures	OKtemp out of range due to switch off
Other Temperatures B	OK temp out of range due to switch off
Calibr. Lamp and Instr. Status 3	>> Solar calibration performed in dump Orb. 42277 start of sun calibration 13:26:48.97 intensity of sun calibration: ~16190 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU)
Scan Mirror Motor Current	OK
Selected Temperature A	temp out of range due to switch off
Selected Temperature B	temp out of range due to switch off
Selected Temperature C	temp out of range due to switch off
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

22 May

2003

no dump info found in EGO_C_030522KSEP2757.E2