
Summary of Anomalies:

station info

KS dump orbit 34424 EGOI small data gap 22:30:48 - 22:36:30

instrument info

EGOI

1 - due to the LEONIDS storm the IDHT has been turned in standby
no EGOI data since from 17/11/2001 17:16:46 to day 19/11/2001 14:29:16
(see unavailability fax ER2-UNA-2001/034-035)

data gap: 17:16:46(17/11/2001) - 14:29:16(19/11/2001) d.Orb.34393-34419

solar calibration with warm detectors:start at 16:13:27.79, (T = 253.5K)

cooler switchings between

17:16:46(17/11/01) - 16:19:24(19/11/01) d.Orb.34393 - 34421
max warm up of detectors ~266.5K

back to MPS ~17:46

2 - calibration lamp instability:

dump orbit 34420

voltage: first prd. 203 V (nom =~197 V) (prod of lamp ignition) (first sequence)

first prd. 200.5 V (nom =~197 V) (prod of lamp ignition) (2nd sequence)

GOME Daily Reports Analysis 19 Nov 2001

Station ID	KS dump orbit 34424 EGOI small data gap 22:30:48 - 22:36:30 gap due to switch-off until 14:29:16 (19/11)
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:off between 17:16:46(17/11/01) - 16:19:24(19/11/01)
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 ~266.5 K
FPA Temperatures B	max warm up of detectors ~266.5 K
Charge Amp Temperatures	temp out of range due to switch off
Other Temperatures A	temp out of range due to switch off
DDHU Temperatures	temp out of range due to switch off
Optical Bench Temperatures	temp out of range due to switch off
Other Temperatures B	temp out of range due to switch off
Calibr. Lamp and Instr. Status 3	>> Solar calibration performed in dump Orb. 34420 start of sun calibration 16:13:27.79 intensity of sun calibration: ~18200 BU ->PMD2 readouts analysed with ERGO; (note: due to seasonal effects nominal values range between ~16000 - ~19000 BU calibration lamp instability: see above
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 3 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

19 Nov

2001

no data due to switch off