
Summary of Anomalies:

station info

OK

instrument info

EGOI

- 1 - instrument anomaly due to SEU!
 orbits 45567 - 45581,
 ~09:44 (07/01/2004) until ~10:53 (08/01/2004)
 anomalous behaviour:
 - most data packets missing, for each data segment only
 ~3 packets are available instead of usually ~460
 (these data gaps are not occurring for other ERS2 instruments)
 CURED with POWER RESET:
 coolers off : 10:57:30 - 10:59:37
 max T of detectors: ~244.9 K

- 2 - data available during visibility of groundstations
 over Europe, North Atlantic, the Arctic and western North America

- 3 - complete solar calibration measurements available
 start time 12:39:06.23, orbit 45583 (4th KS orbit),
 (increase of intensity of PMD readouts during available
 solar calibration measurements data:
 16545 BU ->PMD2 readouts analysed with ERGO.

 GOME Daily Reports Analysis 08 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	coolers off : 10:57:30 - 10:59:37
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 T of detectors: ~244.9 K
FPA Temperatures B	max T of detectors: ~244.9 K
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	OK
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

2004

no data received