
Quarterly Calibration mode between ~12:00 - ~20:00)

(Orb. 55016-55021)

(please note that Lamp Failures occurred during all quarterly calibration measurements)

Summary of Anomalies:

station info

MM orbit 55009 EGOI data missing 01:21:48 - 01:31:53
BE orbit 55010 EGOI data missing 02:27:47 - 02:40:45
MM orbit 55010 EGOI data missing 03:04:37 - 03:12:22
BE orbit 55011 EGOI data missing 04:07:29 - 04:19:17
MM orbit 55011 EGOI data missing 04:47:38 - 04:53:33
MM orbit 55012 EGOI data missing 06:29:36 - 06:36:03
MM orbit 55013 EGOI data missing 08:10:26 - 08:19:08
MM orbit 55014 EGOI data missing 09:50:47 - 10:01:36
MM orbit 55015 EGOI data missing 11:30:53 - 11:43:02
BE orbit 55016 EGOI data missing 12:09:21 - 12:16:07
MM orbit 55016 EGOI data missing 13:10:44 - 13:23:26
BE orbit 55017 EGOI data missing 13:44:24 - 13:57:37
MM orbit 55017 EGOI data missing 14:50:21 - 15:03:03
BE orbit 55018 EGOI data missing 15:25:19 - 15:36:09
MM orbit 55018 EGOI data missing 16:29:42 - 16:42:15
MM orbit 55019 EGOI data missing 18:08:51 - 18:21:24
MM orbit 55020 EGOI data missing 19:48:03 - 20:00:45
MA orbit 55020 EGOI data missing 18:53:07 - 18:57:26
MM orbit 55021 EGOI data missing 21:27:43 - 21:40:23
MA orbit 55021 EGOI data missing 20:25:59 - 20:39:45
MM orbit 55022 EGOI data missing 23:08:10 - 23:20:16
MA orbit 55022 EGOI data missing 22:08:21 - 22:18:10
KS orbit 55023 EGOI data gap 00:03:58 - 00:05:49
MI orbit 55017 EGOI data gap 14:22:31 - 14:25:08

instrument info

EGOI

- 1 - LAMP FAILURE no 161-168 occurred during quarterly calibration sequence
 - orbit 55016: lamp sequence went into Lamp Failure,
 - 161: lamp failure 12:27:21 - 12:37:03 (voltage dropped down to a value of about 180 V after a few seconds - nominal value is ca. 198V)
 - orbit 55017: lamp sequence went into Lamp Failure,
 - 162: lamp failure 14:07:58 - 14:17:41, the voltage dropped down to a value of 180V (instead of nominal ca. 197 V)
 - orbit 55018: lamp sequence went into Lamp Failure,
 - 163: lamp failure 15:48:34 - 15:58:16 (voltage dropped down to a value of about 180 V after a few seconds - nominal value is ca. 198V)
 - orbit 55019: lamp sequence went into Lamp Failure,
 - 164: lamp failure stop 17:16:38
 - measurements from begin of lamp sequence not available as not at visibility of ground station
 - 165: lamp failure stop 17:38:53
 - measurements from begin of lamp sequence not available as not at visibility of ground station
 - orbit 55020: lamp sequence went into Lamp Failure,
 - 166: lamp failure stop 18:57:14
 - measurements from begin of lamp sequence not available as not at visibility of ground station
 - 167: lamp failure 19:09:48 - 19:19:30 (voltage reached only a value of about 180 V after a few seconds - nominal value is ca. 198V)
 - orbit 55021: lamp sequence went into Lamp Failure,
 - 168: lamp failure stop 20:37:51
 - measurements from begin of lamp sequence not available as not at visibility of ground station
- 2 - complete solar calibration measurements available
 - start time 10:44:11.99, orbit 55015 (3rd KS orbit),
 - (increase of intensity of PMD readouts during available)

solar calibration measurements data:
16017 BU ->PMD2 readouts analysed with ERGO.



GOME Daily Reports Analysis

28 Oct

2005

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	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