GOME Daily Report

SUMMARY

1 - General Info

1.1 - Report Summary

Item	Value
Report Version	GOMEver3_3 (2008)
Time of Report Generation	02-JUN-2009
Start Time of First Product	00:54:23
Stop Time of Last Product	23:34:54
Total Number of EGOI Products	46
Number of corrupted products	--
Anomalies and/or Special Operations	--

1.2 - Products used in this report

Name	Date	Time
EGOI_090602BEEP0049.E2	02-JUN-2009	03:04:19.253
EGOI_090602BEEP0054.E2	02-JUN-2009	04:44:48.359
EGOI_090602GSEP1426.E2	02-JUN-2009	01:01:08.003
EGOI_090602GSEP1457.E2	02-JUN-2009	02:37:25.089
EGOI_090602GSEP1485.E2	02-JUN-2009	04:18:36.202
EGOI_090602GSEP1491.E2	02-JUN-2009	06:00:56.320
EGOI_090602HLEP1046.E2	02-JUN-2009	00:06:00.171
EGOI_090602HLEP1053.E2	02-JUN-2009	01:47:51.784
EGOI_090602HLEP1062.E2	02-JUN-2009	15:37:41.827

EGOI_090602HLEP1070.E2	02-JUN-2009	23:34:53.728
EGOI_090602KSEP4398.E2	02-JUN-2009	06:19:11.429
EGOI_090602KSEP4424.E2	02-JUN-2009	07:59:04.537
EGOI_090602KSEP4443.E2	02-JUN-2009	09:38:39.644
EGOI_090602KSEP4470.E2	02-JUN-2009	11:18:16.250
EGOI_090602KSEP4488.E2	02-JUN-2009	12:57:28.853
EGOI_090602KSEP4499.E2	02-JUN-2009	14:36:18.951
EGOI_090602KSEP4528.E2	02-JUN-2009	16:13:58.545
EGOI_090602KSEP4561.E2	02-JUN-2009	17:52:02.140
EGOI_090602KSEP4596.E2	02-JUN-2009	19:29:59.743
EGOI_090602KSEP4625.E2	02-JUN-2009	21:10:12.349
EGOI_090602KSEP4636.E2	02-JUN-2009	22:52:48.974
EGOI_090602MAEP0203.E2	02-JUN-2009	09:46:05.187
EGOI_090602MAEP0210.E2	02-JUN-2009	11:26:13.297
EGOI_090602MAEP0228.E2	02-JUN-2009	21:02:39.302
EGOI_090602MIEP0017.E2	02-JUN-2009	14:54:01.060
EGOI_090602MIEP0045.E2	02-JUN-2009	16:32:10.655
EGOI_090602MIEP9964.E2	02-JUN-2009	02:33:38.566
EGOI_090602MIEP9991.E2	02-JUN-2009	04:13:40.671
EGOI_090602MMEP4673.E2	02-JUN-2009	01:58:09.847
EGOI_090602MMEP4679.E2	02-JUN-2009	03:41:02.976
EGOI_090602MMEP4685.E2	02-JUN-2009	05:23:23.093
EGOI_090602MMEP4696.E2	02-JUN-2009	10:26:32.437
EGOI_090602MMEP4704.E2	02-JUN-2009	12:06:52.547
EGOI_090602MMEP4711.E2	02-JUN-2009	13:46:20.150
EGOI_090602MMEP4718.E2	02-JUN-2009	15:25:50.752
EGOI_090602MMEP4727.E2	02-JUN-2009	17:05:40.858
EGOI_090602MMEP4735.E2	02-JUN-2009	18:45:00.964
EGOI_090602MMEP4742.E2	02-JUN-2009	22:04:15.673
EGOI_090602MSEP5502.E2	02-JUN-2009	00:54:22.960
EGOI_090602MSEP5518.E2	02-JUN-2009	11:31:19.328
EGOI_090602MSEP5541.E2	02-JUN-2009	13:12:03.439
EGOI_090602MSEP5568.E2	02-JUN-2009	22:40:18.892
EGOI_090602SGEP7329.E2	02-JUN-2009	03:21:41.859
EGOI_090602SGEP7336.E2	02-JUN-2009	04:59:33.448
EGOI_090602SGEP7343.E2	02-JUN-2009	14:12:39.810
EGOI_090602SGEP7353.E2	02-JUN-2009	15:50:10.405

[BACK TO MENU]

1.3 - List of data gaps

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
KS	73807	02-JUN-2009	06:17:38.836	06:19:11.428	92.592000
KS	73808	02-JUN-2009	07:56:42.142	07:59:04.537	142.39500
KS	73809	02-JUN-2009	09:36:18.515	09:38:39.644	141.12900

KS	73810	02-JUN-2009	11:15:52.468	11:18:16.250	143.78200
KS	73811	02-JUN-2009	12:55:06.350	12:57:28.853	142.50300
KS	73812	02-JUN-2009	14:33:51.551	14:36:18.950	147.39900
KS	73813	02-JUN-2009	16:11:32.919	16:13:58.545	145.62600
KS	73814	02-JUN-2009	17:49:27.395	17:52:02.140	154.74500
KS	73815	02-JUN-2009	19:28:00.446	19:29:59.742	119.29600
KS	73816	02-JUN-2009	21:08:19.628	21:10:12.348	112.72000
KS	73817	02-JUN-2009	22:50:57.517	22:52:48.974	111.45700
GS	73804	02-JUN-2009	00:59:22.510	01:01:08.002	105.49200
GS	73805	02-JUN-2009	02:35:44.911	02:37:25.088	100.17700
GS	73806	02-JUN-2009	04:16:47.406	04:18:36.201	108.79500
MS	73810	02-JUN-2009	11:28:48.903	11:31:19.328	150.42500
MS	73811	02-JUN-2009	13:09:38.676	13:12:03.439	144.76300
MS	73817	02-JUN-2009	22:38:18.710	22:40:18.891	120.18100
MA	73809	02-JUN-2009	09:44:21.693	09:46:05.186	103.49300
MA	73816	02-JUN-2009	21:00:04.102	21:02:39.302	155.20000
MI	73812	02-JUN-2009	14:52:15.709	14:54:01.059	105.35000
MI	73813	02-JUN-2009	16:30:29.447	16:32:10.655	101.20800
MI	73805	02-JUN-2009	02:32:00.881	02:33:38.565	97.684000
MI	73806	02-JUN-2009	04:10:42.488	04:13:40.671	178.18300
MM	73804	02-JUN-2009	01:56:58.465	01:58:09.846	71.381000
MM	73805	02-JUN-2009	03:39:58.873	03:41:02.975	64.102000
MM	73809	02-JUN-2009	10:25:08.085	10:26:32.437	84.352000
MM	73810	02-JUN-2009	12:05:08.968	12:06:52.547	103.57900
MM	73811	02-JUN-2009	13:44:55.915	13:46:20.150	84.235000
MM	73812	02-JUN-2009	15:24:27.057	15:25:50.751	83.694000
MM	73813	02-JUN-2009	17:03:42.543	17:05:40.858	118.31500
MM	73814	02-JUN-2009	18:42:50.537	18:45:00.964	130.42700
MM	73816	02-JUN-2009	22:02:03.479	22:04:15.673	132.19400
MM	73817	02-JUN-2009	23:42:51.702	23:44:34.284	102.58200
BE	73805	02-JUN-2009	03:01:42.567	03:04:19.252	156.68500
BE	73806	02-JUN-2009	04:42:19.348	04:44:48.359	149.01100
SG	73805	02-JUN-2009	03:12:48.616	03:21:41.858	533.24200
SG	73805	02-JUN-2009	03:24:10.370	03:26:33.743	143.37300
SG	73806	02-JUN-2009	04:54:46.129	04:59:33.447	287.31800
SG	73811	02-JUN-2009	14:10:46.577	14:12:39.809	113.23200

SG	73812	02-JUN-2009	15:47:36.801	15:50:10.405	153.60400

[BACK TO MENU]

1.4 - List of missing products

Station	Orbit	Date	Start Time	Stop Time	Duration (s)
MM	73803	02-JUN-2009	00:14:45.794	00:26:02.047	676.25300
CM	73805	02-JUN-2009	02:34:54.761	02:38:21.304	206.54300
CM	73805	02-JUN-2009	04:09:07.663	04:21:32.308	744.64500
MM	73807	02-JUN-2009	07:04:16.430	07:11:24.345	427.91500
JO	73807	02-JUN-2009	06:44:57.803	06:55:21.825	624.02200
MM	73808	02-JUN-2009	08:44:53.315	08:54:22.571	569.25600
MA	73808	02-JUN-2009	08:06:33.523	08:16:14.156	580.63300
JO	73808	02-JUN-2009	08:21:20.668	08:36:21.353	900.68500
JO	73809	02-JUN-2009	10:05:02.945	10:12:16.293	433.34800
BE	73812	02-JUN-2009	14:18:21.870	14:31:44.317	802.44700
GS	73812	02-JUN-2009	14:45:34.825	14:56:23.624	648.79900
CM	73812	02-JUN-2009	14:58:35.377	15:01:02.733	147.35600
BE	73813	02-JUN-2009	16:02:00.163	16:08:31.293	391.13000
GS	73813	02-JUN-2009	16:24:31.017	16:38:13.527	822.51000
CM	73813	02-JUN-2009	16:33:06.537	16:45:30.046	743.50900
GS	73814	02-JUN-2009	18:05:14.209	18:14:04.352	530.14300
JO	73814	02-JUN-2009	19:05:16.277	19:12:58.634	462.35700
MM	73815	02-JUN-2009	20:22:09.643	20:34:53.473	763.83000
MA	73815	02-JUN-2009	19:24:22.865	19:33:29.826	546.96100
JO	73815	02-JUN-2009	20:41:24.194	20:56:25.440	901.24600
HO	73816	02-JUN-2009	21:56:39.673	22:06:24.229	584.55600
JO	73816	02-JUN-2009	22:22:29.863	22:32:38.838	608.97500
MM	73817	02-JUN-2009	23:42:51.702	23:54:34.333	702.63100
MA	73817	02-JUN-2009	22:45:40.978	22:50:13.001	272.02300

[BACK TO MENU]

1.5 - List of corrupted products

Station	Orbit	Time

2 - Instrument Indicators and Daily Plots

2.1 - Instrument Indicators Status

Indicator	Value
MPH Product Confidence	OK
SPH Product Confidence	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
Polarization Detectors	OK
FPA Temperatures A	OK
FPA Temperaturas B	OK
Charge Amp Temperatures	OK
Other Temperatures A	OK
DDHU Temperatures	OK
Optical Bench Temperatures	OK
Other Temperatures B	OK
Calibration Lamp and Instr. Status 3	OK
Scan Mirror and 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
331/338 nm Uncal. Line Ratio	OK
Uncal. PMDs as RGB signal	OK
780 nm Uncal. Intensity	OK

2.2 - Daily Plots

The images linked below provide a quick check on the data coverage and instrument performance. All data are UNCALIBRATED. For the explaination see the GOME Performance Legend

NEAR IR Intensity

Ozone Line Ratio

PMD Image (Earthshine Radiance)

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3 - Instrument Calibration

3.1 - Solar Calibration (Daily/TST44)

Daily(D)/TST44(T)	Start Time	End Time (T)	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Max PMD Readout during solar calibration (BU set 2/12)
D	19:33:55.262	--	73815	--	--	14210

3.2 - Lamp Calibration (Quarterly/TST44)

Quarterly(D)/TST44(T)	Start Time	End Time	Orbit	Ground Station Visibility (Y/NS/NE)	Warm Detector Temperature (TST/44)	Lamp Instability Voltage (if any)(V)	Lamp Failure N. (if any)
--	--	--	--	--	--	--	--

[BACK TO MENU]

4 - Instrument Anomalies

4.1 - Single Event Upset (SEU)

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

4.2 - Instrument Off

Start Time	End Time	Start Orbit	Orbit End	MPS Resumption	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--	--

4.3 - Cooler Switchings

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

[BACK TO MENU]

5 - Instrument Operations

5.1 - Timeline Interruptions

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.2 - TST44

Start Time	Start Orbit	Ground Station Visibility (Y/NS/NE)
--	--	--

5.3 - Power Cycle

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.4 - Wrong Command Execution

Start Time	End Time	Start Orbit	Orbit End	Ground Station Visibility (Y/NS/NE)
--	--	--	--	--

5.5 - Narrow Swath Timeline

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

5.6 - Seasonal Operations

Start Time	End Time	Start Orbit	Orbit End
--	--	--	--

[BACK TO MENU]

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Summary of Anomalies:
station info

MM orbit 73803 EGOI data missing 02-JUN-2009 00:14:45.794 - 02-JUN-2009 00:26:02.047        676.25300 [sec]
CM orbit 73805 EGOI data missing 02-JUN-2009 02:34:54.761 - 02-JUN-2009 02:38:21.304        206.54300 [sec]
CM orbit 73805 EGOI data missing 02-JUN-2009 04:09:07.663 - 02-JUN-2009 04:21:32.308        744.64500 [sec]
MM orbit 73807 EGOI data missing 02-JUN-2009 07:04:16.430 - 02-JUN-2009 07:11:24.345        427.91500 [sec]
JO orbit 73807 EGOI data missing 02-JUN-2009 06:44:57.803 - 02-JUN-2009 06:55:21.825        624.02200 [sec]
MM orbit 73808 EGOI data missing 02-JUN-2009 08:44:53.315 - 02-JUN-2009 08:54:22.571        569.25600 [sec]
MA orbit 73808 EGOI data missing 02-JUN-2009 08:06:33.523 - 02-JUN-2009 08:16:14.156        580.63300 [sec]
JO orbit 73808 EGOI data missing 02-JUN-2009 08:21:20.668 - 02-JUN-2009 08:36:21.353        900.68500 [sec]
JO orbit 73809 EGOI data missing 02-JUN-2009 10:05:02.945 - 02-JUN-2009 10:12:16.293        433.34800 [sec]
BE orbit 73812 EGOI data missing 02-JUN-2009 14:18:21.870 - 02-JUN-2009 14:31:44.317        802.44700 [sec]
GS orbit 73812 EGOI data missing 02-JUN-2009 14:45:34.825 - 02-JUN-2009 14:56:23.624        648.79900 [sec]
CM orbit 73812 EGOI data missing 02-JUN-2009 14:58:35.377 - 02-JUN-2009 15:01:02.733        147.35600 [sec]
BE orbit 73813 EGOI data missing 02-JUN-2009 16:02:00.163 - 02-JUN-2009 16:08:31.293        391.13000 [sec]
GS orbit 73813 EGOI data missing 02-JUN-2009 16:24:31.017 - 02-JUN-2009 16:38:13.527        822.51000 [sec]
CM orbit 73813 EGOI data missing 02-JUN-2009 16:33:06.537 - 02-JUN-2009 16:45:30.046        743.50900 [sec]
GS orbit 73814 EGOI data missing 02-JUN-2009 18:05:14.209 - 02-JUN-2009 18:14:04.352        530.14300 [sec]
JO orbit 73814 EGOI data missing 02-JUN-2009 19:05:16.277 - 02-JUN-2009 19:12:58.634        462.35700 [sec]
MM orbit 73815 EGOI data missing 02-JUN-2009 20:22:09.643 - 02-JUN-2009 20:34:53.473        763.83000 [sec]
MA orbit 73815 EGOI data missing 02-JUN-2009 19:24:22.865 - 02-JUN-2009 19:33:29.826        546.96100 [sec]
JO orbit 73815 EGOI data missing 02-JUN-2009 20:41:24.194 - 02-JUN-2009 20:56:25.440        901.24600 [sec]
HO orbit 73816 EGOI data missing 02-JUN-2009 21:56:39.673 - 02-JUN-2009 22:06:24.229        584.55600 [sec]
JO orbit 73816 EGOI data missing 02-JUN-2009 22:22:29.863 - 02-JUN-2009 22:32:38.838        608.97500 [sec]
MM orbit 73817 EGOI data missing 02-JUN-2009 23:42:51.702 - 02-JUN-2009 23:54:34.333        702.63100 [sec]
MA orbit 73817 EGOI data missing 02-JUN-2009 22:45:40.978 - 02-JUN-2009 22:50:13.001        272.02300 [sec]
KS orbit 73807 EGOI data gap     02-JUN-2009 06:17:38.836 - 02-JUN-2009 06:19:11.428        92.592000 [sec]
KS orbit 73808 EGOI data gap     02-JUN-2009 07:56:42.142 - 02-JUN-2009 07:59:04.537        142.39500 [sec]
KS orbit 73809 EGOI data gap     02-JUN-2009 09:36:18.515 - 02-JUN-2009 09:38:39.644        141.12900 [sec]
KS orbit 73810 EGOI data gap     02-JUN-2009 11:15:52.468 - 02-JUN-2009 11:18:16.250        143.78200 [sec]
KS orbit 73811 EGOI data gap     02-JUN-2009 12:55:06.350 - 02-JUN-2009 12:57:28.853        142.50300 [sec]
KS orbit 73812 EGOI data gap     02-JUN-2009 14:33:51.551 - 02-JUN-2009 14:36:18.950        147.39900 [sec]
KS orbit 73813 EGOI data gap     02-JUN-2009 16:11:32.919 - 02-JUN-2009 16:13:58.545        145.62600 [sec]
KS orbit 73814 EGOI data gap     02-JUN-2009 17:49:27.395 - 02-JUN-2009 17:52:02.140        154.74500 [sec]
KS orbit 73815 EGOI data gap     02-JUN-2009 19:28:00.446 - 02-JUN-2009 19:29:59.742        119.29600 [sec]
KS orbit 73816 EGOI data gap     02-JUN-2009 21:08:19.628 - 02-JUN-2009 21:10:12.348        112.72000 [sec]
KS orbit 73817 EGOI data gap     02-JUN-2009 22:50:57.517 - 02-JUN-2009 22:52:48.974        111.45700 [sec]
GS orbit 73804 EGOI data gap     02-JUN-2009 00:59:22.510 - 02-JUN-2009 01:01:08.002        105.49200 [sec]
GS orbit 73805 EGOI data gap     02-JUN-2009 02:35:44.911 - 02-JUN-2009 02:37:25.088        100.17700 [sec]
GS orbit 73806 EGOI data gap     02-JUN-2009 04:16:47.406 - 02-JUN-2009 04:18:36.201        108.79500 [sec]
MS orbit 73810 EGOI data gap     02-JUN-2009 11:28:48.903 - 02-JUN-2009 11:31:19.328        150.42500 [sec]
MS orbit 73811 EGOI data gap     02-JUN-2009 13:09:38.676 - 02-JUN-2009 13:12:03.439        144.76300 [sec]
MS orbit 73817 EGOI data gap     02-JUN-2009 22:38:18.710 - 02-JUN-2009 22:40:18.891        120.18100 [sec]
MA orbit 73809 EGOI data gap     02-JUN-2009 09:44:21.693 - 02-JUN-2009 09:46:05.186        103.49300 [sec]
MA orbit 73816 EGOI data gap     02-JUN-2009 21:00:04.102 - 02-JUN-2009 21:02:39.302        155.20000 [sec]
MI orbit 73812 EGOI data gap     02-JUN-2009 14:52:15.709 - 02-JUN-2009 14:54:01.059        105.35000 [sec]
MI orbit 73813 EGOI data gap     02-JUN-2009 16:30:29.447 - 02-JUN-2009 16:32:10.655        101.20800 [sec]
MI orbit 73805 EGOI data gap     02-JUN-2009 02:32:00.881 - 02-JUN-2009 02:33:38.565        97.684000 [sec]
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MM orbit 73804 EGOI data gap     02-JUN-2009 01:56:58.465 - 02-JUN-2009 01:58:09.846        71.381000 [sec]
MM orbit 73805 EGOI data gap     02-JUN-2009 03:39:58.873 - 02-JUN-2009 03:41:02.975        64.102000 [sec]
MM orbit 73809 EGOI data gap     02-JUN-2009 10:25:08.085 - 02-JUN-2009 10:26:32.437        84.352000 [sec]
MM orbit 73810 EGOI data gap     02-JUN-2009 12:05:08.968 - 02-JUN-2009 12:06:52.547        103.57900 [sec]
MM orbit 73811 EGOI data gap     02-JUN-2009 13:44:55.915 - 02-JUN-2009 13:46:20.150        84.235000 [sec]
MM orbit 73812 EGOI data gap     02-JUN-2009 15:24:27.057 - 02-JUN-2009 15:25:50.751        83.694000 [sec]
MM orbit 73813 EGOI data gap     02-JUN-2009 17:03:42.543 - 02-JUN-2009 17:05:40.858        118.31500 [sec]
MM orbit 73814 EGOI data gap     02-JUN-2009 18:42:50.537 - 02-JUN-2009 18:45:00.964        130.42700 [sec]
MM orbit 73816 EGOI data gap     02-JUN-2009 22:02:03.479 - 02-JUN-2009 22:04:15.673        132.19400 [sec]
MM orbit 73817 EGOI data gap     02-JUN-2009 23:42:51.702 - 02-JUN-2009 23:44:34.284        102.58200 [sec]
BE orbit 73805 EGOI data gap     02-JUN-2009 03:01:42.567 - 02-JUN-2009 03:04:19.252        156.68500 [sec]
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SG orbit 73805 EGOI data gap     02-JUN-2009 03:12:48.616 - 02-JUN-2009 03:21:41.858        533.24200 [sec]
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SG orbit 73806 EGOI data gap     02-JUN-2009 04:54:46.129 - 02-JUN-2009 04:59:33.447        287.31800 [sec]
SG orbit 73811 EGOI data gap     02-JUN-2009 14:10:46.577 - 02-JUN-2009 14:12:39.809        113.23200 [sec]
SG orbit 73812 EGOI data gap     02-JUN-2009 15:47:36.801 - 02-JUN-2009 15:50:10.405        153.60400 [sec]
```

instrument info
EGOI
      1 - complete solar calibration measurements available
            start time 19:33:55.262, orbit 73815,
            (increase of intensity of PMD readouts during available
            solar calibration measurements data:
         14210 BU ->PMD2 readouts analysed with ERGO.
****

    GOME Daily Reports Analysis   02 JUN   2009

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