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 Monthly Calibration from ~13:30 - ~21:30 (Orb. 31484 - 31489 at KS)  
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 Summary of Anomalies:

- 1 - EGOI small gaps at KS, dump Orb. 31483
  - 11:17:59 - 11:18:48
  - 11:18:51 - 11:18:53
  - 11:19:05 - 11:19:45
  - 11:20:11 - 11:20:56
  - 11:56:53 - 11:56:55
  - 11:56:56 - 11:57:08
  
- 2 - calibration lamp instability
  - dump Orb. 31485
  - current: 1 prd. 11.9mA (nominal ~9.8mA)
  - voltage: 1 prd. 266.4 V (nominal ~197 V)
  - dump Orb. 31486
  - current: 1 prd 10.8 mA (nominal ~9.8 mA)
  - dump Orb. 31487
  - current: 1 prd 11.3mA, 1 prd 10.1mA, 1 prd 11.5mA (nominal ~9.8 mA)
  - dump Orb. 31488
  - voltage: 1 prd 212.2 V (nominal ~197 V)
  - dump Orb. 31489
  - current: 1 prd 10.8 mA (nominal ~9.8 mA)
  - voltage: 1 prd 210.1 V, 1 prd 262.1 V, 1 prd 260.5 V (nominal ~197 V)
  
- 3 - Memory Dump (change to the day before):
  - address 1300B in E2PROMCOPY changed back to template value 10

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Station ID	>>small gaps at KS, dump Orb. 31483
	11:17:59 - 11:18:48
	11:18:51 - 11:18:53
	11:19:05 - 11:19:45
	11:20:11 - 11:20:56
	11:56:53 - 11:56:55
	11:56:56 - 11:57:08
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	>>GOME polar viewline GMNPT36 operated
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	>>SOT33 performed in dump Orb. 31483
	start of sun calibration 11:46:29.60
	intensity of sun calibration
	(~18500 BU ->PMD2 readouts analysed with ERGO)
	calibration lamp instability

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dump Orb. 31485
current: 1 prd. 11.9mA (nominal ~9.8mA)
voltage: 1 prd. 266.4 V (nominal ~197 V)
dump Orb. 31486
current: 1 prd 10.8 mA (nominal ~9.8 mA)
dump Orb. 31487
current: 1 prd 11.3mA, 1 prd 10.1mA,
        1 prd 11.5mA (nominal ~9.8 mA)
dump Orb. 31488
voltage: 1 prd 212.2 V (nominal ~197 V)
dump Orb. 31489
current: 1 prd 10.8 mA (nominal ~9.8 mA)
voltage: 1 prd 210.1 V, 1 prd 262.1 V,
        1 prd 260.5 V (nominal ~197 V)

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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 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

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GOME Memory Dump Check

28 Apr

2001

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8816 differences found in RAM1 area
0 differences found in PROMCOPY area
5 differences found in E2PROMCOPY area

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Address	Actual	Template
12FDE	0	FF
12FDF	7	FF
13003	0	1
13007	0	1
1666A	10	0

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0 differences found in E2PROM area
0 differences found in RAM2 area
0 differences found in PROM area

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