「あすか」 OPERATION REPORT Ver.1.5

93 年 5 月 24 日　Y+ 93　KSC 当番: 粟木 、 寺田、藤本

Lockman-Hole, AD Leo

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930524–0102	930524–0205	930524–0309	930524–0412	930524–0516
Operation	X-REP OPOG-WRT STC-06-WRT HAM-ERR-RST OP-START	X-REP RNG SCT-01-WRT	X-REP BDR-STOP X-REP BDR-STOP	X-REP RNG	X-REP
Target	Lockman-Hole	AD Leo	AD Leo	AD Leo	AD Leo
AOS(UT) LOS(UT)	0:47:02 0:59:54	2:29:05 2:41:56	4:10:06 4:23:43	5:51:23 6:05:22	7:34:02 7:46:23
Max-El Time	19.045 0:53:22	54.708 2:34:45	Zenith —	69.750 5:58:16	27.029 7:39:45
Rep-band Rep-start Rep-status	X 0:49:09 Completed	X 2:29:36 Completed	X 4:11:11/4:17:04 Interrupted	X 5:53:04 Completed	X 7:35:12 Completed
DP-mode	OBS/ACS/OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s	Normal–Pointing 24.2°	Normal–Pointing 3.4°	Normal–Pointing 3.5°	Normal–Pointing 3.6°	Normal–Pointing 3.6°
Attitude	$\begin{bmatrix} 163.461 \\ 32.507 \\ 179.942 \end{bmatrix}$	$\begin{bmatrix} 155.126 \\ 70.067 \\ 159.071 \end{bmatrix}$	$\begin{bmatrix} 155.125 \\ 70.067 \\ 159.071 \end{bmatrix}$	$\begin{bmatrix} 155.126 \\ 70.067 \\ 159.071 \end{bmatrix}$	$\begin{bmatrix} 155.126 \\ 70.067 \\ 159.071 \end{bmatrix}$
OP-start start CE	0:56:03 00h	Conti. 0Dh	Conti. 14h	Conti. 1Bh	Conti. 24h
SIS-mode	Faint/Faint 4CCD	Faint/Faint 2CCD	Faint/Faint 2CCD	Faint/Faint 2CCD	Faint/Faint 2CCD
S0/1-TECT	−44.72/−44.73	−45.06/−45.12	−44.19/−44.24	−42.64/−42.83	−41.23/−41.37
S0/1-CCDT	−61.76/−61.86	−61.76/−61.86	−61.76/−61.86	−61.76/−61.86	−61.76/−61.86
GIS-mode GIS LD Hit	PH MES 23cps/22cps	PH MES 26cps/23cps	PH MES 29cps/30cps	PH MES 30cps/31cps	PH MES 27cps/28cps

P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10	8	8	5	0	FLF	—	3/4	48	159	218	9.3	8.7	421.00	183.33	2763cts
Pass: s9305240102							3/4	40	159	218	3.8		439.12	182.38	2545cts

GIS Mode Changes: no

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B	Charge/Discharge
20.30/23.40	20.30/23.40	−4.12/4.73	−4.25/4.76	4.82/8.74	4.82/8.46	1.032/1.048

Manoeuvre Operation

Start Time	Target Name	(α, δ)	(ϕ, θ, ψ)
5/24 01:10:24	AD Leo	(155.12 , 19.94)	(155.1268 , 70.0958 , 159.0709)
5/24 23:45:36	NGC4151	(182.98 , 39.38)	(182.9826 , 50.6250 , 143.9706)
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Comment: 本日の運用：

We have observed AD Leo which is one of the brightest flare star. The intensities with GIS and SIS are 0.15cts/s/GIS (R¡20) and 0.37cts/s/SIS(all events), respectively.
今日、 AD Leo の観測を 2CCD モードで行なった。これまでの 4CCD モードの観測に比べて、 HOT PIXEL の影

響が小さいので驚いた。（栗木）

昨土に引続き、 Lockman-hole の観測も行なったが、（やっぱり）何の構造も見えなかった。残念（寺田）。

昨日到着。寒い。（藤本）