「あすか」 OPERATION REPORT Ver.1.5

93 年 5 月 15 日　Y+ 84　KSC 当番: 長瀬 、 寺田

Lynx-Field

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930515–0412	930515–0516	930515–0619	930515–0723	930515–0826
Operation	X-Rep SBR-A-RNG OPOG-WRT OP-START	X-Rep SCT-06-WRT	X-Rep BDR-STOP X-REP BDR-STOP	X-REP RANG	X-Rep
Target	Lynx-Field	Lynx-Field	Lynx-Field	Lynx-field	Lynx Field
AOS(UT) LOS(UT)	5:56:34 6:09:23	7:38:09 7:51:09	9:20:04 9:33:47	11:02:12 11:14:14	12:44:31 12:54:19
Max-El Time	32.168 6:02:45	75.984 7:44:18	Zenith —	43.364 11:07:36	12.743 12:48:48
Rep-band Rep-start Rep-status	X 5:57:57 Completed	X 7:39:15 Completed	X 9:21:09/9:26:39 Interrupted	X 11:02:51 Completed	X 12:45:07 Completed
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing 20.0° $\begin{bmatrix} 132.671 \\ 45.067 \\ 171.848 \end{bmatrix}$	Normal–Pointing 20.0° $\begin{bmatrix} 132.671 \\ 45.067 \\ 171.849 \end{bmatrix}$	Normal–Pointing 20.1° $\begin{bmatrix} 132.672 \\ 45.067 \\ 171.848 \end{bmatrix}$	Normal–Pointing 20.1° $\begin{bmatrix} 132.672 \\ 45.067 \\ 171.848 \end{bmatrix}$	Normal–Pointing 20.0° $\begin{bmatrix} 132.671 \\ 45.067 \\ 171.849 \end{bmatrix}$
OP-start start CE	6:06:30 00h	continue 07h	continue 0Fh	Cont. 16h	Cont. 1Dh
SIS-mode S0/1-TECT S0/1-CCDT	Fnt/Fnt 4CCD −42.06/−41.86 −61.76/−61.86	Fant/Fant 4CCD −41.43/−41.28 −61.76/−61.86	Fant/Fant 4CCD −40.60/−40.40 −61.76/−61.86	Fant/Fant 4CCD −39.87/−39.72 −61.76/−61.86	Fant/Fant 4CCD −39.49/−39.33 −61.76/−61.86
GIS-mode GIS LD Hit	PH MES 26cps/26cps	PH MES 26cps/25cps	PH MES 32cps/33cps	PH MES 31cps/28cps	PH MES 24cps/25cps

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	12.5	12.5	419.51	183.96	1724cts
Pass: s9305150412							3/4	40	159	218	7.1		439.23	182.34	1705cts

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	−4.29/4.73	−4.43/4.76	4.82/9.03	4.82/8.46	no good data

Comment: 本日の運用：

MNV INFORMATION SCHEDULED IN THE OP COMMANDS

MNV START: 5/15 19:12, TARGET:M106/NGC4258, (α,δ)=(184.74,47.31), Euler Angle:(-174.88,42.76,135.36)

MNV START: 5/16 18:38, TARGET:PKS2126-158, (α,δ)=(322.30,-15.65), Euler Angle:(-37.85,105.75,18.23)

The 2nd day of Lynx field deep survey. We accumulated 23 ksec, which is maximum available data accumulation here at KSC. Yet no significant evidence of point sources or inhomogeneity of background is obtained in the GIS image. The total flux in the field encircled by R = 70 ch (= 1.8 cm) is about 0.3 counts/sec/GIS(S2+S3). The spectrum shows complex structure caracteristic to the instrument, although the reduction of the radius from R = 86 to R = 70 reduced and smeared the contamination by the installed Fe-55 calibration source.

昨日に引続き今日も Lynx-field で、total で２３ ksec の accumulate 観測になった。特に point-source は同定でき

ず、むらがあるようにもないようにも見える。偉人さんの心眼で見ると大規模構造が見えるのかも知れないが、凡人の私には、なんとも言えない（寺田）。