「あすか」 OPERATION REPORT Ver.1.5

93 年 5 月 13 日　Y+ 82　KSC 当番: 長瀬 、 池辺、寺田

E0102 → Lynx-Field

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930513–0412	930513–0516	930513–0619	930513–0723	930513–0826
Operation	X-Rep OPOG-WRT OP-START	X-Rep RANG ST-CTLG-WRT OBS-MODE	S-Rep BDR-STOP S-REP BDR-STOP	X-REP	X-Rep
Target	E0102	E0102	E0102	E0102	Lynx Field
AOS(UT)	5:57:50	7:39:43	9:20:56	11:02:57	12:44:43
LOS(UT)	6:09:58	7:51:58	9:33:44	11:15:20	12:56:29
Max-El	16.47	49.638	Zenith	70.298	26.254
Time	6:03:54	7:45:14	—	11:08:33	12:49:58
Rep-band	X	X	S	X	X
Rep-start	5:59:57	7:40:25	9:21:51/9:27:34	11:03:42	12:45:46
Rep-status	Completed	Completed	Interrupted	COMPLETE	Completed
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing
ACS-spn/θ_s	3.5°	3.5°	3.6°	3.6°	18.4°
Attitude	$\begin{bmatrix} 15.857 \\ 162.205 \\ 58.397 \end{bmatrix}$	$\begin{bmatrix} 15.857 \\ 162.204 \\ 16058.397 \end{bmatrix}$	$\begin{bmatrix} 15.857 \\ 162.204 \\ 58.397 \end{bmatrix}$	$\begin{bmatrix} 15.858 \\ 162.204 \\ 58.398 \end{bmatrix}$	$\begin{bmatrix} 132.786 \\ 44.928 \\ 171.727 \end{bmatrix}$
OP-start	6:07:01	continue	continue	Cont.	Cont.
start CE	60h	07h	0Eh	17h	24h
SIS-mode	Fnt/Fnt 1CCD	Fant/Fant 1CCD	Fant/Fant 1CCD	Fant/Fant 1CCD	Fant/Fant 4CCD
S0/1-TECT	$-40.70/-40.65$	$-40.12/-40.11$	$-39.39/-39.48$	$-38.76/-38.85$	$-38.42/-38.56$
S0/1-CCDT	$-61.71/-61.81$	$-61.76/-61.86$	$-61.76/-61.86$	$-61.71/-61.81$	$-61.71/-61.81$
GIS-mode	PH MES	PH MES	PH MES	PH MES	PH MES
GIS LD Hit	24cps/21cps	29cps/26cps	30cps/32cps	30cps/30cps	29cps/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	12.5	12.5	414.0	183.8	1808cts
Pass: s9305130412			3/4	40	159	218	7.1		428.8	181.9	1889cts

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
20.20/23.40	20.30/23.50	$-4.16/4.73$	$-4.43/4.76$	4.82/8.74	4.82/8.46	no good data

Comment: 本日の運用：

MNV INFORMATION SCHEDULED IN THE OP COMMANDS

MNV START: 5/13 12:25:00,TARGET:Lynx field,(α,δ)=(133.30,44.84),Euler Angle:(132.68,45.08,171.86)

From the sum of 5/12 data and 5/13 data, we got E0102-72 spectrum of 3.6 ksec exposure for both SIS and GIS. From the SIS spectrum, we can resolve prominent 0.9 keV and 1.0 keV lines in the cluster of Fe L-shell lines. The structure due to Fe L-shell lines and Mg line is also visible in the spectrum of GIS. After the 4th pass, ASCA was maneuvered to the Lynx field.

今日はコンタクト中 E0102 を見ていました。昨日からのデータで統計が上がり、 GIS のスペクトルにもはっきりラインと言えるものが見えました。

リモートの始めから、 Lynx field 100ksec の観測に入りました。