「あすか」 OPERATION REPORT Ver.1.5

93 年 5 月 18 日　Y+ 87　KSC 当番: 長瀬、粟木 、 寺田

Z3146

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930518–0309	930518–0412	930518–0516	930518–0619	930518–0723
Operation	X-Rep OPOG-WRT ERR-CODE-RST ((SH)MOMCHG) OP-START	X-Rep RNG SCT-06-WRT	X-Rep BDR-STOP X-REP BDR-STOP	X-REP RANG	X-Rep
Target	Z3146	Z3146	Z3146	Z3146	Z3146
AOS(UT) LOS(UT)	4:13:07 4:26:15	5:55:22 6:07:56	7:36:49 7:49:40	9:18:57 9:31:24	11:00:46 11:11:45
Max-El Time	27.613 4:19:41	69.482 6:01:11	Zenith —	52.659 9:24:36	16.618 11:05:52
Rep-band Rep-start Rep-status	X 4:14:56 Completed	X 5:56:08 Completed	X 7:37:56/7:43:40 Interrupted	X 9:19:46 Completed	X 11:02:00 Completed
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing 8.9° $\begin{bmatrix} 156.120 \\ 85.746 \\ 159.443 \end{bmatrix}$	Normal–Pointing 8.8° $\begin{bmatrix} 156.121 \\ 85.746 \\ 159.442 \end{bmatrix}$	Normal–Pointing 8.7° $\begin{bmatrix} 156.121 \\ 85.746 \\ 159.443 \end{bmatrix}$	Normal–Pointing 8.6° $\begin{bmatrix} 156.121 \\ 85.746 \\ 159.444 \end{bmatrix}$	Normal–Pointing 8.6° $\begin{bmatrix} 156.121 \\ 85.746 \\ 159.445 \end{bmatrix}$
OP-start start CE	4:23:31 00h	Cont. 07h	Cont. 10h	Cont. 17h	Cont. 1Eh
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 2CCD $-39.24/-38.99$ $-61.71/-61.81$	Faint/Faint 2CCD $-38.86/-38.65$ $-61.71/-61.81$	Fant/Fant 2CCD $-37.89/-37.73$ $-61.71/-61.81$	Faint/Faint 2CCD $-36.48/-36.37$ $-61.71/-61.81$	Faint/Faint 2CCD $-35.27/-35.20$ $-61.71/-61.77$
GIS-mode GIS LD Hit	PH MES 22cps/24cps	PH MES 27cps/27cps	PH MES 29cps/33cps	PH MES 29cps/32cps	PH MES 28cps/26cps

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	13.6	13.6	410.94	183.84	3157cts
Pass: s9305180309							3/4	40	159	218	7.6		426.31	181.71	3062cts

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
20.40/23.40	20.40/23.40	−4.08/4.73	−4.34/4.76	4.82/8.74	4.82/8.46	1.03/1.05

Comment: 本日の運用：

MNV INFORMATION SCHEDULED IN THE OP COMMANDS

MNV START: 5/18 20:40, TARGET:SN1993J, (α,δ)=(149.81,69.07), Euler Angle:(149.80,20.92,168.97)

The distant (z = 0.3) cluster, Z3136 was detected with ASCA. The offset corrected flux is about 0.5 counts/sec/GIS(S2+S3). From the SIS spectrum of 11 ksec exposure, we can see an emission line at about 5.1 keV, which is consisten with the redshifted 6.7 keV line of iron. Some line-like structure is suggested at around 0.5 keV.

今日第 1 rev に予定していた RANGING は 2 rev 目にしました（粟木）。

昨日、起こった Err-Code(RWCOM) は、マヌーバ中に RW の回転数指令が RW の許容される下限値に達したことを示す Warning エラーでした。いつも起こる Err-Code((SH)MOMCHG) 以外が出たのは、初めてのことでした。これからは、Err-Code の内容も運用記録に記載することにします（寺田）。