「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 20 日　Y+ 149~150　KSC 当番: 鎌田 、 上野

CL0016+16/NEP 1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930719–1443	930719–1546	930720–0101	930720–0205	930720–0308
Operation	X-REP OP-OG-WRT TCU-MODE ERR-CODE-RST (SH-MOMCHG) OP-STRT	X-REP RNG SCT-WRT OBS-MODE HAM-ERR-RST	X-REP HAM-ERR-RST ERR-CODE-RST (SH-MOMCHG) BDR-STOP X-REP BDR-STOP	X-REP RNG D0-ADRS-ON	X-REP D0-ADRS-ON
Target	CL0016+16	CL0016+16	CL0016+16	CL0016+16	CL0016+16
AOS(UT) LOS(UT)	21:03:49 21:15:48	22:46:01 22:57:51	00:26:53 00:39:23	02:09:05 02:21:11	03:50:28 04:02:08
Max-El Time	17.058 21:09:54	52.288 22:51:10	Zenith —	66.418 02:14:24	24.388 03:55:47
Rep-band(stat.) Rep-start	X (Completed) 21:06:06	X (Completed) 22:46:41	X (Interrupted) 00:27:57/00:33:21	X (Completed) 02:09:35	X (Completed) 03:51:33
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing 16.03° $\begin{bmatrix} 4.549 \\ 73.753 \\ 27.892 \end{bmatrix}$	Normal–Pointing 16.08° $\begin{bmatrix} 4.549 \\ 73.753 \\ 27.892 \end{bmatrix}$	Normal-Pointing 16.16° $\begin{bmatrix} 4.548 \\ 73.753 \\ 27.892 \end{bmatrix}$	Normal-Pointing 16.23° $\begin{bmatrix} 4.548 \\ 73.753 \\ 27.893 \end{bmatrix}$	Normal–Pointing 16.29° $\begin{bmatrix} 4.548 \\ 73.754 \\ 27.892 \end{bmatrix}$
OP-start(CE)	21:07:30 (00h)	Cont (09h)	Cont (12h)	Cont (1Ah)	Cont (22h)
SIS-mode	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD
S0/1-TECT	−38.76/−38.51	−38.95/−38.70	−39.15/−38.90	−39.00/−38.80	−38.42/−38.31
S0/1-CCDT	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77
GIS-mode	PH	PH	PH	PH	PH
GIS LD Hit	24cps/23cps	25cps/24cps	27cps/28cps	30cps/30cps	27cps/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	13.1	13.1	413.59	183.86	3152
Pass: S9307191443			3/4	40	159	218	7.6		430.04	181.93	2735

GIS Mode Changes: no change

Condition Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B	Charge/Discharge
20.10/23.40	20.20/23.40	−4.16/4.73	−4.30/4.76	4.82/8.74	4.82/8.46	no good data

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/20 20:00	NEP 1	5	(270.0000 , 66.5600)	(270.592 , 23.599 , 117.653)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: Today's target is the most distant X-ray emitting cluster (z=0.545), CL0016+16, where Sunyaev-Zeldovich effect has been obsereved. GIS Count rates is ~0.06 cts/s/sensor. SIS Count rates is ~0.5 cts/s/sensor, a half of which can be due to particle events.

さて、昨日の英文とどこが違うでしょうか？（上の）
「ぎんが」では受からなかったのに、画像まで撮れるなんて、「あすか」ってすごいなあ。上野くんが引き継ぎでこれでやっと半分終った事を実感しました。明日は NEP だ、何か見えてくれれば良いのだが・・・（鎌田）。