「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 6 月 24~25 日 Y+ 489~490 KSC 当番: Y.Ikebe 、 Y.Terashima

GSGP4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940624–1546	940625–0101	940625–0204	940625–0308	940625–0411
Operation	X REP OP/OG-09 RAM TCU MEM ACS-ERR-RST OP STRT	XREP SBR-A RNG STAR-05 RAM S-CTLG CHK OBSERVE MODE RNG OFF	X REP CPU2/3 STP CPU2/3 RST BDR STOP X REP DE0 ADRS ON BDR STOP	X REP SBR-A RNG DE0 ADRS ON CPU2/3 STP CPU2/3 RST GIS MEM MODE RNG OFF	X REP OP-STOP OP/OG-13 RAM TCU MEM OP START
Target	GSGP4	GSGP4	GSGP4	GSGP4	GSGP4
AOS(UT) LOS(UT)	22:30:51 22:43:12	00:12:31 00:25:12	01:53:37 02:06:46	03:35:41 03:48:14	05:17:17 05:29:01
Max-El Time	16.869 22:36:59	50.046 00:18:14	Zenith —	72.770 03:41:26	28.461 05:22:45
Rep-band(stat.) Rep-start	X (Completed) 22:32:55	X (Completed) 00:13:09	X (Completed) 01:54:19/02:00:27	X (Completed) 03:36:27	X (Completed) 05:18:01
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS/TCU/OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing 1.90°, 170.31°	Normal–Pointing 1.96°, 169.82°	Normal–Pointing 2.02°, 169.35°	Normal–Pointing 2.13°, 168.50°	Normal–Pointing 2.19°, 168.10°
Attitude	$\begin{bmatrix} 14.180 \\ 117.852 \\ 25.696 \end{bmatrix}$	$\begin{bmatrix} 14.180 \\ 117.852 \\ 25.695 \end{bmatrix}$	$\begin{bmatrix} 14.180 \\ 117.852 \\ 25.695 \end{bmatrix}$	$\begin{bmatrix} 14.180 \\ 117.852 \\ 25.695 \end{bmatrix}$	$\begin{bmatrix} 14.180 \\ 117.852 \\ 25.695 \end{bmatrix}$
OP-start(CE)	22:39:49 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Dh)	05:25:31 (00h)
GIS HAM ERR	NORM	NORM	ERR	NORM	NORM
ACS ERR	(SH)MOMCHG	—	–	–	–
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0101/2323
S0/1-TECT	−36.67/−36.61	−37.55/−37.49	−38.03/−37.78	−38.08/−37.73	−37.55/−37.19
S0/1-CCDT	−60.73/−60.31	−61.43/−61.2	−61.67/−61.58	−61.67/−61.77	−61.67/−61.77
GIS-mode	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)	PH(10-8-8-5-0)
GIS LD Hit	21cps/21cps	27cps/27cps	32cps/28cps	32cps/31cps	30cps/29cps

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	NONE	3/4	48	159	218	13.6	8.2	397.52	183.78	2412
Pass: 9406241546							3/4	40	159	218	8.2		417.56	180.98	2164

GIS Mode Changes: 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.00/23.40	20.00/23.50	−4.16/4.73	−4.21/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/25 21:30	DI Peg	3	(353.0615 , 14.9690)	(352.9092 , 75.1744 , 25.2537)

Comment: 本日の運用:

ASCA is pointing the GSGP4 field which was well studied with the Rosat satellite. From the data of ~2 ksec exposure, we can find a point source having the count rate of 7×10^{-3} c/s and some candidates.
During the operation of PASS 5 we stopped OP and rewrote the OP in which

the value of SIS LEVEL discriminator was revised based on today's Quick Look results from the SIS data.
In spite of off duty, Otani-san did make OP commands for sending the satellite at PASS 5. We, all ASCA users, should be grateful to him.