

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 11 月 12 日 Y+ 1726 KSC 当番: S. Kitamoto and S. Kubo

MS 2053.7-0449

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	971112-1032	971112-1135	971112-1238	971112-1342	971112-1445											
Operation	X-REP OP/OG-09 WRT TCU-MEM-MODE CPU2/3-STOP CPU2/3-RST DP-BC[60-F0-CC] OP-START	X-REP SBR-A-RNG STAR-02 S-CTLG-CHK OBSERVE-MODE RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM-MODE DE-0-ADRS-ON	X-REP SBR-A-RNG DE-0-ADRS-ON RNG-OFF											
Target	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449											
AOS(UT)	15:37:45	17:18:48	18:59:49	20:41:33	22:23:02											
LOS(UT)	15:49:48	17:31:40	19:13:00	20:54:20	22:35:10											
Max-El	15.101°	46.579°	Zenith	76.101°	31.477°											
Time	15:43:37	17:24:32	—	20:47:27	22:28:42											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	15:39:22	17:19:42	19:00:56/19:06:42	20:42:36	22:23:50											
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS	OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing											
SUN-pos θ_s/ϕ_s	—/—	—/—	6.41°/36.80°	6.44°/36.34°	6.48°/36.06°											
Attitude	$\begin{bmatrix} 314.22310^\circ \\ 94.43861^\circ \\ 201.30214^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22306^\circ \\ 94.43852^\circ \\ 201.30216^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22350^\circ \\ 94.43896^\circ \\ 201.30210^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22403^\circ \\ 94.43891^\circ \\ 201.30200^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22395^\circ \\ 94.43876^\circ \\ 201.30218^\circ \end{bmatrix}$											
OP-start(CE)	15:46:02 (00h)	Cont (0Dh)	Cont (19h)	Cont (25h)	Cont(32h)											
GIS HAM ERR	ERR → Reset → OK	—	—	ERR → Reset → OK	—											
ACS ERR	—	—	—	—	—											
SIS-mode	Faint 1212→3030/3030	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030											
S0/1-TECT	−35.41/−35.40°C	−35.70/−35.74°C	−35.99/−35.98°C	−36.48/−36.47°C	−37.16/−37.15°C											
S0/1-CCDT	−61.48/−61.44°C	−61.53/−61.44°C	−61.53/−61.39°C	−61.53/−61.39°C	−61.62/−61.53°C											
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	27/25 cps	28/26 cps	31/29 cps	30/26 cps	25/25 cps											
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT Pk
10	8	8	5	0	FLF	2	3/4	48	159	218	13.6	13.6	381.82	1027	15504	184.10
Pass: 971112-1032							3/4	40	159	218	7.6		411.97	1017	15504	180.71

SIS Mode Changes: MS2053.7-0449 : 2CCD(1212/3030) Faint(LD 0.48 keV, AD ON/OFF) for Bit-H,
Bright(LD 0.48 keV, AD ON/OFF) for Bit-M
N19 : 2CCD(1212/3030) Faint(LD 0.70 keV, AD ON/OFF)

GIS Mode Changes: MS2053.7-0449 : (PH 10-8-8-5-0) , N19 : (PH 10-8-8-5-0)

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
18.50/23.20	18.50/23.30	−4.86/4.73	−5.42/5.01	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/13 3:50	N19	5	(11.8167, −73.1417)	(11.831119, 162.906722, 234.667889)

Comment: 本日の運用: ASCA observed a Cluster of Galaxies; MS2053.7-0449. The GIS count rate is 0.006 counts/sec/sensor. We can see another source at the southern part in the GIS field of view.

本日も無事済んだ模様です。しかし、4パスめと5パスめは特にネムイですねー。(北本)

今日も雨です。(久保)