

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 11 月 11 日 Y+ 1725 KSC 当番: S. Kitamoto and S. Kubo

MS 2053.7-0449

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	971111-1032	971111-1135	971111-1239	971111-1342	971111-1445												
Operation	X-REP ERRCODE-REST OP/OG-04 WRT TCU-MEM-MODE OP-START	X-REP SBR-A-RNG DE-0/1-LEVL-ON RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM-MODE BDR-STOP X-REP DE-0-ADRS-ON BDR-STOP	X-REP SBR-A-RNG ERRCODE-REST DE-0-ADRS-ON RNG-OFF												
Target	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449	MS2053.7-0449												
AOS(UT)	15:43:16	17:23:08	19:04:53	20:46:30	22:28:14												
LOS(UT)	15:54:10	17:36:44	19:18:08	20:59:30	22:40:28												
Max-El	10.661°	36.670°	Zenith	Zenith	40.282°												
Time	15:48:52	17:29:55	—	—	22:33:50												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	15:44:31	17:24:41	19:05:59/19:11:43	20:47:29/20:53:23	22:28:55												
DP-mode	OBS/TCU/OBS	OBS	OBS	OBS/GIS/OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	—/—	—/—	5.80°/44.28°	5.82°/43.74°	5.86°/43.39°												
Attitude	$\begin{bmatrix} 314.22345^\circ \\ 94.43914^\circ \\ 201.30205^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22332^\circ \\ 94.43889^\circ \\ 201.30214^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22391^\circ \\ 94.43900^\circ \\ 201.30248^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22435^\circ \\ 94.43882^\circ \\ 201.30098^\circ \end{bmatrix}$	$\begin{bmatrix} 314.22349^\circ \\ 94.43904^\circ \\ 201.30324^\circ \end{bmatrix}$												
OP-start(CE)	15:49:47 (00h)	Cont (0Ch)	Cont (18h)	Cont (24h)	Cont(31h)												
GIS HAM ERR	—	—	—	—	—												
ACS ERR	(SH)MOMCHG ⇒ Reset⇒ OK	—	—	—	(SH)MOMCHG ⇒ Reset⇒ OK												
SIS-mode	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030	Faint 1212/3030												
S0/1-TECT	−33.18/−33.31°C	−33.91/−34.04°C	−34.49/−34.62°C	−35.22/−35.35°C	−36.09/−36.17°C												
S0/1-CCDT	−59.37/−59.09°C	−59.79/−59.56°C	−60.12/−59.89°C	−60.40/−60.12°C	−60.73/−60.45°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	24/25 cps	24/24 cps	30/28 cps	30/28 cps	25/27 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	0	3/4	48	159	218	16.9	16.9	372.67	512	8974	184.29	
Pass: 971111-1032							3/4	40	159	218	10.9		399.12	525	8974	179.85	

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

GIS Mode Changes: E0806+2033 : MS2053.7-0449 : (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
18.70/23.20	18.70/23.30	−4.86/4.83	−5.12/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
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Comment: 本日の運用: ASCA observed a Cluster of Galaxies; MS2053.7-0449. The GIS count rate is 0.007 counts/sec/sensor. Since the telemetry spilled by the hot pixels in the 2-CCD Medium Bright mode, we changed the lower-discrimination-level from 0.40 keV to 0.48 keV.

1パス目のカウントレイトから判断して、2パス目でSIS level discri を0.48 keVにセットしました。消感チェック時のデータ取り込みのボタンを押すのを忘れてしょうがないです。(北本)

みさきさんは4パス消感と同時に消感されました。

今日は久しぶりに雨です。(久保)