

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 3 月 2 日 Y+ 1106 KSC 当番: A. Yamashita and H. Ozawa

Capella → NGC 2110 → ρ Oph East → γ Cas #2 → GK Per

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	960302-0617	960302-0721	960302-0824	960302-0927	960302-1031
Operation	X REP OP/OG-09 WRT TCU MEM MODE OP START	YOHKOH	X REP STAR 05 S-CTLG CHK BDR STOP X REP OBSERVE MODE CPU2/3 STOP CPU2/3 RST GIS MEM MODE BDR STOP	YOHKOH	X REP SBR-A RNG BAT-B TCL OF RNG OFF
Target	Capella		Capella		Capella
AOS(UT)	08:20:57		11:43:28		15:06:59
LOS(UT)	08:33:18		11:56:34		15:18:45
Max-El Time	16.796 08:27:05		— Zenith		27.624 15:12:23
Rep-band(stat.)	X (Complete)	()	X (Complete)	()	X (Complete)
Rep-start	08:22:14		11:44:28/11:50:16		15:07:45
DP-mode	OBS → TCU → OBS		OBS → ACS → OBS → GIS → OBS		OBS
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing
SUN-pos θ_s/ϕ_s	9.07/177.81		8.97/178.12		—/—
Attitude	$\begin{bmatrix} 79.4459 \\ 43.9318 \\ 180.8761 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 79.4459 \\ 43.9313 \\ 180.8758 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 79.4450 \\ 43.9314 \\ 180.8764 \end{bmatrix}$
OP-start(CE)	08:29:50 (00h)	()	Cont (14h)	()	Cont (27h)
GIS HAM ERR	—		—		—
ACS ERR	—		—		—
SIS-mode	Faint/Faint 1111/3333		Faint/Faint 1111/3333		Faint/Faint 1111/3333
S0/1-TECT	−33.76/−33.70		−33.42/−33.36		−33.38/−33.26
S0/1-CCDT	−60.68/−60.31		−60.78/−60.41		−60.59/−60.17
GIS-mode	PH(10-8-8-5-0)		PH(10-8-8-5-0)		PH(10-8-8-5-0)
GIS LD Hit	24/25 cps		30/31 cps		30/29 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	No	3/4	48	159	218	16.9	16.9	380.07	1452	14980	184.14
Pass: 9603020617							3/4	40	159	218	10.9		405.35	1378	14980	180.16

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 1111/3333, LVL OF for Capella
Faint(bit-H),Faint (bit-M) 1111/3333, LVL 0.48 keV ON for NGC 2110
Faint(bit-H),Faint (bit-M) 1111/3333, LVL OF for ρ Oph East
Faint(bit-H),Bright(bit-M) 1111/3333, LVL OF for γ Cas #2 and GK Per

GIS Mode Changes: None (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
19.60/23.30	19.60/23.30	-4.86/4.75	-4.51/4.78	5.93/7.04	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/2 17:50	NGC 2110	6	(88.0474 , −7.4562)	(88.2221 , 97.3495 , 192.8929)
3/3 06:30	ρ Oph East	1	(248.0942 , −24.4756)	(247.8511 , 114.4984 , 341.2275)
3/3 22:20	γ Cas #2	2	(14.1763 , 60.7169)	(14.2596 , 29.0824 , 239.5541)
3/4 06:20	GK Per	3	(52.8000 , 43.9047)	(53.0213 , 45.9679 , 200.2953)

Comment: 本日の運用: We observed Capella (US, PI=Brickhouse). The counting rate is 2.5 and 2.0 counts/s/SIS (r=2.1', S0C1 and S1C3). さすがに今日の姿勢書き込みには時間がかかり、OBSERVE_MODE はアンテナ反転の後になりました。今日は GIS の QL 解析がうまくいきませんでした (関係者と思しい人々に問い合わせ中)。
ところで、西部本社版の朝日新聞は、タイトル (1 面右上角) の背景が関東とは違うのですね。字体は同じですが。(山下)
明日はひな祭りなんですね。ひな人形を長く飾っておくとお嫁にいくのが遅くなるという話があるそうです (山下さんから聞きました)。1 年中出しっぱなしにしてたらどうなるんでしょうかね。(小澤)