

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 08 月 07 日 Y+ 2359 KSC 当番: M.Sugizaki and J.Ishida

Chai_Brown_Dwarf

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5			
Pass No.	990807-1133						990807-1339						990807-1546			
Operation	X-REP SBR-A-RNG OP/OG-03 WRT TCU-MEM ACS-ERR- RST OP-START RNG-OFF			(YOHKOH)			X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP X-REP BDR-STOP			(YOHKOH)			X-REP OP-STOP OP/OG-05 WRT TCU-MEM OP-START ACS-ERR- RST CPU2/3-STOP CPU2/3-RST			
Target	Chai_Brown_Dwarf						Chai_Brown_Dwarf						Chai_Brown_Dwarf			
AOS(UT)	16:08:29						19:30:05						22:51:58			
LOS(UT)	16:20:33						19:42:18						23:02:17			
Max-El	25.168°						Zenith						15.227°			
Time	16:14:16						—						22:56:37			
Rep- band(stat.)	X (Complete)			()			X (Complete)			()			X (Complete)			
Rep-start	16:09:26						19:30:44/19:36:10						22:52:39			
DP-mode	OBS/TCU/OBS						OBS						OBS			
ACS-mode	Normal- Pointing						Normal- Pointing						Normal- Pointing			
SUN-pos θ_s/ϕ_s	—/—						10.41°/237.47°						10.30°/237.40°			
Attitude	$\begin{bmatrix} 167.71561^\circ \\ 167.73720^\circ \\ 110.27303^\circ \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$			$\begin{bmatrix} 167.71620^\circ \\ 167.73700^\circ \\ 110.27414^\circ \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$			$\begin{bmatrix} 167.71247^\circ \\ 167.73866^\circ \\ 110.27119^\circ \end{bmatrix}$			
OP-start(CE)	16:17:26 (90→00h)			()			Cont (15h)			()			22:55:52 (28 → 00h)			
GIS HAM ERR	—												ERR → Reset			
ACS ERR	(SH)MOMCHG → Reset						—						(SH)MOMCHG → Reset			
SIS-mode	Fnt/Fnt 1212/3030						Fnt/Fnt 1212/3030						Fnt/Fnt 1212/3030			
S0/1-TECT	-35.36/ — 35.35°C						-35.99/ — 35.98°C						-37.74/ — 37.53°C			
S0/1-CCDT	-61.38/ — 61.11°C						-61.38/ — 61.02°C						-61.57/ — 61.53°C			
GIS-mode	PH(10-8-8-5-0)						PH(10-8-8-5-0)						PH(10-8-8-5-0)			
GIS LD Hit	22.4/22.8 c s ⁻¹						29.8/26.4 c s ⁻¹						29.9/28.3 c s ⁻¹			
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT Pk
10	8	8	0	0	FLF	1	3/4	48	159	218	15.8	16.3	374.35	374	9826	184.21
Pass: 990807-1133							3/4	40	159	218	10.4		399.17	296	9826	179.84

SIS Mode Changes: Chai_Brown_Dwarf 2CCD(1212/3030) F/F, LD ON/OFF, AD ON/OFF

GIS Mode Changes: Chai_Brown_Dwarf PH(10-8-8-5-0)

Condition Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
18.80/23.20	18.80/23.30	-9.65/4.75	-9.57/4.78	4.55/8.74	4.27/7.89

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
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Comment: 本日の運用: Chai_Brown_Dwarf(PI=Tsuboi;JPN): It is not clear in a simple QL analysis whether the source is seen or not. The averaged count rates of an X-ray source observed in the FOV were 0.014 c/s in SIS and 0.04

c/s in GIS.

変則 2CCD-mode の観測で、1pass 打った後に address discr. が必要であることに気づき、最終 pass に OP を書き換えました。約 1/3 の部分では、address discr が必要なところがかかっていない観測になってしまいました。引き継ぎや台風で、少し不注意でした。台風一過を期待していたのですが、今は再び雨です (杉崎)。
今日もやっぱり雨です。天気予報によると私が帰る日には晴れになりそう。(石田)