「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 9 月 26 日　Y+ 947　KSC 当番: H. Negoro and T. Miyazaki

GRD J1750-27 #1–3 → Gal. Ridge #2–3

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	950925–0925	950925–1032	950925–1135	950925–1239	950925–1342
Operation	X REP OP/OG 7 WRT TCU MEM MODE STAR-06 WRT S-CTLG CHK OBSERVE MODE OP START	X REP SBR-A RNG STAR-01 WRT S-CTLG CHK OBSERVE MODE RNG OFF	X REP OP STOP OP/OG 9 WRT TCU MEM MODE BDR STP X REP OP START BDR STP	X REP CPU STP/RST GIS MEM MODE	X REP SBR-A RNG CPU STP/RST DE-0 ADRS ON RNG OFF
Target	GRO J1750-27 #1	GRO J1750-27 #2	GRO J1750-27 #2	GRO J1750-27 #3	GRO J1750-27 #3
AOS(UT) LOS(UT)	14:01:17 14:11:38	15:41:55 15:54:03	17:23:04 17:35:12	19:04:39 19:16:57	20:45:59 20:58:11
Max-El Time	11.819 14:06:19	40.734 15:47:18	Zenith ——	77.268 19:10:09	32.526 20:51:26
Rep-band(stat.) Rep-start	X (Complete) 14:01:44	X (Complete) 15:42:50	X (Complete) 17:24:09/17:29:21	X (Complete) 19:05:22	X (Complete) 20:47:00
DP-mode	OBS→TCU→OBS →ACS→OBS	OBS→ACS→OBS	OBS →TCU→OBS	OBS→GIS→OBS	OBS
ACS-mode SUN-pos θ_S/ϕ_S Attitude	Normal–Pointing —— / —— $\begin{bmatrix} 267.6285 \\ 117.1597 \\ 174.7872 \end{bmatrix}$	Normal–Pointing —— / —— $\begin{bmatrix} 267.4481 \\ 117.4390 \\ 174.6680 \end{bmatrix}$	Normal–Pointing —— / —— $\begin{bmatrix} 267.4481 \\ 117.4390 \\ 174.6680 \end{bmatrix}$	Normal–Pointing 5.93 / 319.21 $\begin{bmatrix} 267.7350 \\ 116.8289 \\ 174.8278 \end{bmatrix}$	Normal–Pointing 5.97 / 319.89 $\begin{bmatrix} 267.7350 \\ 116.8289 \\ 174.8278 \end{bmatrix}$
OP-start(CE)	14:07:44 (00h)	Cont (0Fh)	17:32:31 (00h)	Cont (0Fh)	Cont (18h)
GIS HAM ERR	Normal	Normal	Normal	Err → Normal	Err → Normal
ACS ERR	——	——	——	——	——
SIS-mode S0/1-TECT S0/1-CCDT	Faint 0123/2301 −37.74/−37.44 −61.67/−61.77	Faint 0123/2301 −38.13/−37.83 −61.67/−61.77	Faint 0123/2301 −38.03/−37.68 −61.62/−61.77	Faint 0123/2301 −38.81/−38.46 −61.62/−61.77	Faint 0123/2301 −39.58/−39.24 −61.62/−61.77
GIS-mode GIS LD Hit	PH(10–8–8–5–0) 27/29 cps	PH(10–8–8–5–0) 27/27 cps	PH(10–8–8–5–0) 31/30 cps	PH(10–8–8–5–0) 29/30 cps	PH(10–8–8–5–0) 26/25 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	No	3/4	48	159	218	13.6	13.6	397.73	364	4262	183.83
Pass: 950925-0929							3/4	40	159	218	7.6		417.56	303	4262	181.08

SIS Mode Changes: F/B 0123/2301 Level Discri 0.55 keV Area On for GRO J1750-27 and Gal. Redge

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
19.50/23.20	19.40/23.10	−5.07/4.73	−4.47/4.76	6.48/7.61	12.56/14.10

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
9/25 14:40	GRD J1750-27 #2	3	(267.1700 , -27.5500)	(267.4481 , 117.4390 , 174.6680)
9/25 17:50	GRD J1750-27 #3	4	(267.4600 , -26.9400)	(267.7350 , 116.8290 , 174.8278)
9/26 0:50	Gal. Ridge #2	5	(265.0943 , -30.9449)	(265.3878 , 120.8411 , 173.3864)
9/26 9:50	Gal. Ridge #3	6	(264.7835 , -31.3683)	(265.0734 , 121.2658 , 173.2213)

Comment: 本日の運用: ASCA observed 3 regions in the error box of GRO J1970-27, and found a bright (∼ 1.8 c/s/(GIS2+3)) source near the edge of the GIS FOV in the third observation. It is noticed, however, that stray X-rays were also recongized, suggesting the existence of a very bright source out of the ASCA FOV (one of the candidates is 4U 1744-26). SIS also detected this stray X-rays. Counting rate in the chip s0c0 nearest to the source was 0.2 c/s (whole chip).

SIS の温度は、非常に低く安定しています。それに対し、バッテリーＢの温度がどんどん上昇（$> 14^{\circ}$）していってます。現在、関係機関で対策が練られていますが、今後のＫＳＣ当番の方々も注意して下さい。

堂谷様ほか相模原運用当番のみなさま、朝方近くの最後の最後まで、コマンド変更など御苦労さまでした。本当にパルサーは、視野に入ったやつなのでしょうか？しかし、nemacs は許せません。あの最後の最後に Wnn が落ちてしまい、何を押しても（Cntl G でも）書いた文字が一文字づつ消えていくのですから。（根來）

今日の運用から、下位ビット一人立ちです。こういう時に限って、運用がいつになくいそがしく、しかも、夕食のおかずにつぶらな瞳の海洋生物がでてきたりします。(宮崎)（それらは、昨日の昼食にも、夕食時のＴＶにも、宮崎君がいれば必ず登場します。（ね））