

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 04 月 05 日 Y+ 1505 KSC 当番: K. Matsushita and N. Ota

— → GRB970402 → G7.7-3.7

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	970405-0310	970405-0413	970405-0517	970405-0620	970405-0723											
Operation	X-REP OP/OG-07 WRT TCU-MEM OP-START	X-REP SBR-A-RNG STAR-02 WRT S-CTLG-CHK RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP											
Target	—	—	GRB970402	GRB970402	GRB970402											
AOS(UT)	04:44:45	06:26:27	08:07:19	09:49:12	11:30:47											
LOS(UT)	04:57:13	06:38:57	08:20:22	10:01:39	11:42:19											
Max-El	19.132°	54.874°	Zenith	66.909°	24.227°											
Time	04:50:55	06:32:04	—	09:54:55	11:36:02											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	04:45:46	06:27:10	08:07:46/08:14:09	09:49:58	11:31:12											
DP-mode	ACS/TCU/ACS	ACS	OBS	OBS/GIS/OBS	ACS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing											
SUN-pos θ_s/ϕ_s	3.43°/111.09°	3.48°/110.79°	24.40°/179.68°	24.33°/179.80°	24.35°/179.62°											
Attitude	$\begin{bmatrix} 97.7358^\circ \\ 156.2020^\circ \\ 171.0169^\circ \end{bmatrix}$	$\begin{bmatrix} 97.7358^\circ \\ 156.2020^\circ \\ 171.0169^\circ \end{bmatrix}$	$\begin{bmatrix} 222.2346^\circ \\ 159.2174^\circ \\ 300.6787^\circ \end{bmatrix}$	$\begin{bmatrix} 222.2346^\circ \\ 159.2174^\circ \\ 300.6787^\circ \end{bmatrix}$	$\begin{bmatrix} 222.2346^\circ \\ 159.2174^\circ \\ 300.6787^\circ \end{bmatrix}$											
OP-start(CE)	04:53:59 (00h)	Cont (0Bh)	Cont (1Ah)	Cont (24h)	Cont (2Eh)											
GIS HAM ERR	—	—	—	—	ERR→Reset											
ACS ERR	—	—	—	—	—											
SIS-mode	Faint 0123/2301	Faint 0123/3102	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333											
S0/1-TECT	−36.96/−36.66°C	−36.33/−36.08°C	−35.65/−35.44°C	−34.93/−34.57°C	−34.10/−33.99°C											
S0/1-CCDT	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.67°C	−61.57/−61.58°C	−61.43/−61.30°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	24/24 cps	27/27 cps	28/30 cps	29/29 cps	26/26 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	1	3/4	48	159	218	13.6	13.6	382.94	139	1500	183.78
Pass: 970405-0517							3/4	40	159	218	8.2		422.74	136	1500	180.70

SIS Mode Changes: Somewhere: 0123/2301 Faint (LD 0.70 keV ON) GRB970402 : 1111/3333 Faint

GIS Mode Changes: Somewhere : PH 10-8-8-5-0-0 GRB970402 : PH 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.10/23.30	19.10/23.40	-5.07/4.75	-4.64/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
04/15 07:40	GRB970402	1	(222.5667, -69.3317)	(222.2346, 159.2174, 300.6787)
04/06 16:00	G7.7-3.7	2	(274.3200, -24.1000)	(274.0027, 114.2286, 354.9347)

Comment: 本日の運用: ASCA has started to observe GRB970402(TOO).

第1パス、第2パスを ACS mode で様子を見て、第2パス後に、MNV し、観測を再開しました。今のところ、順調に観測が行なわれています。残念ながら、まだ、観測データは 2ks なので、天体があると思われる位置から有意な X 線はうかっていません。(松下)

今朝は、激しい雨音と誰かさんのよく響く鳴き声とで目が覚めました。眠い目をこすりながら始まった今日の運用でしたが、3パスめから TOO 観測のイベントがおりてくるようになり、私の当番も実質あと2日、もう少しだなという気持ちになりました。(太田)