

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 08 月 18 日 Y+ 1640 KSC 当番: R. Fujimoto and H. Matsuzawa

FORNAX_A-WEST LOBE → GRB970815

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5			
Pass No.	970818-0721			970818-0824			970818-0928			970818-1031			970818-1135			
Operation	(あけぼの)			X-REP SBR-A-RNG OP/OG-05 WRT TCU-MEM CPU2/3-STP CPU2/3-RST ACS-ERR-RST OP-START RNG-OFF			X-REP STAR-05 WRT S-CTLG-CHK OBSERVE BDR-STP X-REP BDR-STP			X-REP SBR-A-RNG CPU2/3-STP CPU2/3-RST GIS-MEM RNG-OFF			X-REP			
Target				FORNAX_AWL			FORNAX_AWL			FORNAX_AWL			GRB970815			
AOS(UT)				11:58:45			13:39:26			15:21:21			17:02:30			
LOS(UT)				12:10:33			13:52:00			15:33:16			17:14:02			
Max-El Time				51.033° 12:03:58			Zenith —			67.093° 15:26:38			24.549° 17:07:47			
Rep-band(stat.) Rep-start	()			X (Complete) 11:59:22			X (Complete) 13:40:16/13:46:10			X (Complete) 15:21:56			X (Complete) 17:03:22			
DP-mode				OBS/TCU/OBS			OBS/ACS/OBS			OBS/GIS/OBS			OBS			
ACS-mode SUN-pos θ_s/ϕ_s				Normal-Pointing 14.08°/198.03°			Normal-Pointing —/—			Normal-Pointing —/—			Normal-Pointing —/—			
Attitude	$\begin{bmatrix} \quad \\ \quad \end{bmatrix}$			$\begin{bmatrix} 50.11071^\circ \\ 127.29690^\circ \\ 1.14932^\circ \end{bmatrix}$			$\begin{bmatrix} 50.11030^\circ \\ 127.29680^\circ \\ 1.14964^\circ \end{bmatrix}$			$\begin{bmatrix} 50.10996^\circ \\ 127.29688^\circ \\ 1.14877^\circ \end{bmatrix}$			$\begin{bmatrix} 243.36417^\circ \\ 8.45649^\circ \\ 173.81256^\circ \end{bmatrix}$			
OP-start(CE)	()			12:07:52(00h)			Cont (09h)			Cont(12h)			Cont (21h)			
GIS HAM ERR				ERR→Reset			—			—			—			
ACS ERR				(SH)MOMCHG →Reset			—			—			—			
SIS-mode S0/1-TECT S0/1-CCDT				Faint 0101/0101 −36.04/−36.27°C −61.62/−61.72°C			Faint 0101/0101 −35.99/−36.22°C −61.62/−61.72°C			Faint 0101/0101 −36.19/−36.37°C −61.62/−61.72°C			Faint 1111/3333 −36.43/−36.37°C −61.62/−61.72°C			
GIS-mode GIS LD Hit				PH(10-8-8-5-0) 30/25 cps			PH(10-8-8-5-0) 28/28 cps			PH(10-8-8-5-0) 28/30 cps			PH(10-8-8-5-0) 33/33 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	18.6	18.5	377.86	1047	16266	184.28
Pass: 970818-0824							3/4	40	159	218	12.6		400.31	1014	16266	179.83

SIS Mode Changes: FORNAX_A-WEST LOBE : 2CCD(0101/0101) F/B for H/M (LV OF, AD OF)
GRB970815 : 1CCD(1111/3333) F/F for H/M (LV OF, AD OF)

GIS Mode Changes: 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
19.20/23.20	19.30/23.30	−4.81/4.75	−4.68/4.93	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/18 16:20	GRB970815	2	(242.1815, 81.5100)	(243.355985, 8.467157, 173.820182)

Comment: 本日の運用: ASCA observed Fornax A west lobe (PI: Makishima) and GRB 970815 (TOO). In the observation of Fornax A west lobe, extended emission is detected in the center of GIS FOV, with Fornax A (NGC 1316) and a couple of other sources. Between pass 4 and 5, ASCA maneuvered to the direction of GRB 970815. Unfortunately, the net exposure time was not enough (40 min) to detect GRB candidates. Tomorrow, we will obtain 400 min data at KSC, so please be patient for tomorrow's operation report.

40 分でも見えるかと期待していましたが、甘かった。明日こそ...。(藤本)

今日の天気は一日中霧。では GRB970815 の対応天体の位置は??? (松沢)