

「あすか」 **OPERATION REPORT** Rev.5 Ver 3.1

96 年 1 月 20 日 Y+ 1064 KSC 当番: H.Kubo and T.Kosuga

NAB0205+024/GRB940217/CTB1_West

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	960120-0412	960120-0515	960120-0619	960120-0722	960120-0825
Operation	X REP OP/OG-11 WRT TCU MEM MODE STAR-02 WRT S-CTLG CHK OBS MODE OP START CPU STP/RST	X REP SBR-A RNG RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU STP/RST GIS MEM MODE RNG OFF	X REP
Target	NAB0205+024	NAB0205+024	GRB940217_1	GRB940217_1	GRB940217_1
AOS(UT)	5:40:43	7:23:00	9:04:04	10:45:55	12:27:30
LOS(UT)	5:53:38	7:35:08	9:16:34	10:57:53	12:38:10
Max-El	25.264	67.197	Zenith	51.658	16.424
Time	5:47:16	7:28:28	—	10:51:19	12:32:24
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	5:42:32	7:23:39	9:05:05/9:10:39	10:46:36	12:28:11
DP-mode	OBS → TCU → ACS → OBS	OBS	OBS	OBS → GIS MEM → OBS	OBS
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing
SUN-pos θ_s/ϕ_s	4.53/106.82	4.51/105.87	10.79/88.57	10.79/88.30	— / —
Attitude	$\begin{bmatrix} 32.1063 \\ 87.1414 \\ 204.4333 \end{bmatrix}$	$\begin{bmatrix} 32.1065 \\ 87.1417 \\ 204.4331 \end{bmatrix}$	$\begin{bmatrix} 30.0485 \\ 85.7395 \\ 211.0046 \end{bmatrix}$	$\begin{bmatrix} 30.0491 \\ 85.7400 \\ 211.0054 \end{bmatrix}$	$\begin{bmatrix} 30.0488 \\ 85.7398 \\ 211.0044 \end{bmatrix}$
OP-start(CE)	5:50:40 (00h)	Cont (08h)	Cont (16h)	Cont (1Fh)	Cont (26h)
GIS HAM ERR	Err → Normal	Normal	Normal	Normal	Normal
ACS ERR	—	—	—	—	—

SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323
S0/1-TECT	-38.52/-38.70	-38.22/-38.46	-37.55/-37.83	-37.21/-37.58	-37.25/-37.58
S0/1-CCDT	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.62/-61.77
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	26/24 cps	26/26 cps	30/29 cps	29/29 cps	27/27 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	14.2	13.6	388	938	10002	184
Pass: 9601200515							3/4	40	159	218	8.2		414	821	10002	181

SIS Mode Changes: NAB0205+024: 0101/2323, F/F for bit-H, B/B for bit-M, LVL OFF
GRB940217: 0101/2323, F/F for bit-H, B/B for bit-M, LVL OFF
CTB1_West: 0202/2020, F/F for bit-H, B/B for bit-M, LVL OFF, ADRS ON(Bright Earth)

GIS Mode Changes: NAB0205+024: PH (10-8-8-5-0) for any bit
GRB940217: PH (10-8-8-5-0) for any bit
CTB1_West: PH (8-8-8-5-0) for bit-H, PH (8-8-8-0-0) for bit-M

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	-4.98/4.75	-4.34/4.78	5.37/6.48	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
1/20 8:55	GRB940217_1	5	(29.9000 , 4.0190)	(30.0489 , 85.7396 , 211.0056)
1/20 17:15	GRB940217_2	6	(29.5900 , 3.8090)	(29.7387 , 85.9486 , 211.0231)
1/21 0:55	GRB940217_3	1	(29.2800 , 3.5890)	(29.4259 , 86.1683 , 211.0432)
1/21 8:40	CTB1_West	2	(359.3667 , 62.4000)	(359.5460 , 27.3016 , 227.0983)

Comment: 本日の運用: There seems no significant xray source for GRB940217 in the field of view of GIS(point-1).