

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1997 年 06 月 12/13 日 Y+ 1572/73 KSC 当番: A. Yoshida and K. Nakazawa

W63_Pos2 → A2537

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	970612-1238	970612-1341	970612-1445	970612-1548	970613-0103												
Operation	X-REP OP/OG-01 WRT TCU-MEM ACS-ERR-RST OP-START	X-REP SBR-A-RNG STAR-05 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP ACS-ERR-RST BDR-STOP X-REP BDR-STOP	X-REP CPU2/3-STP CPU2/3-RST GIS-MEM	X-REP SBR-A-RNG CPU2/3-STP CPU2/3-RST BAT-A-TCL-ON RNG-OFF												
Target	W63_Pos2	W63_Pos2	W63_Pos2	W63_Pos2	W63_Pos2												
AOS(UT)	18:40:07	20:20:52	22:02:11	23:43:51	01:25:16												
LOS(UT)	18:51:14	20:33:25	22:15:21	23:56:29	01:36:50												
Max-El	13.418°	41.837°	Zenith	76.837°	31.093°												
Time	18:45:37	20:26:37	—	23:49:21	01:30:33												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	18:41:14	20:22:04	22:02:58/22:08:46	23:44:40	01:26:10												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	—/—	10.68°/175.08°	10.67°/175.50°	10.72°/175.80°	10.74°/176.22°												
Attitude	$\begin{bmatrix} 304.75607^\circ \\ 44.50401^\circ \\ 50.70154^\circ \end{bmatrix}$	$\begin{bmatrix} 304.75631^\circ \\ 44.50388^\circ \\ 50.70122^\circ \end{bmatrix}$	$\begin{bmatrix} 304.75618^\circ \\ 44.50377^\circ \\ 50.70127^\circ \end{bmatrix}$	$\begin{bmatrix} 304.75601^\circ \\ 44.50385^\circ \\ 50.70145^\circ \end{bmatrix}$	$\begin{bmatrix} 304.75546^\circ \\ 44.50398^\circ \\ 50.70207^\circ \end{bmatrix}$												
OP-start(CE)	18:47:36 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (28h)												
GIS HAM ERR	—	—	—	ERR→Reset	ERR→Reset												
ACS ERR	(SH)MOMCHG → Reset	—	(SH)MOMCHG → Reset	—	—												
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333												
S0/1-TECT	−35.46/−35.64°C	−35.95/−36.08°C	−36.38/−36.51°C	−36.67/−36.95°C	−36.87/−37.15°C												
S0/1-CCDT	−60.54/−60.36°C	−60.68/−60.56°C	−60.87/−60.64°C	−61.48/−61.25°C	−61.43/−61.25°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	28/27 cps	28/27 cps	31/30 cps	34/32 cps	29/29 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	2	3/4	48	159	218	15.8	15.8	376.11	722	9436	184.08	
Pass: 970612-1238							3/4	40	159	218	9.8		404.43	594	9436	180.31	

SIS Mode Changes: W63_Pos2: 1CCD F/F (LD 0.48 keV)
A2537: 2CCD(0101/2323) F/B (LD OFF)

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
18.90/23.20	18.90/23.30	−4.90/4.73	−4.94/4.86	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/13 13:00	A2537	1	(347.0917, −2.1917)	(346.9475, 92.3269, 23.1382)

Comment: 本日の運用: ASCA observed W63 at position 2 (SNR, PI: J. Rho, ESJ). The counting rate is 0.14 cts/GIS and 0.1 cts/SIS.

QLを見ると W63 は変わったソースです。もっとも QL 解析は信用できませんが。いずれにせよ解析は難しそうです。古澤君は 3 パス終了とともに消感。今頃は車中の人でしょう。楽しんでいるのでしょうか。ご苦労さまでした。(あ吉田)
SNR が 2 連チャン、4 pointing 続けました。資料館でビデオを見ました。先生方のお姿を拝見。(昼寝をした中澤)