

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 4 月 3 日 Y+ 1138 KSC 当番: N. Yamasaki and Y. Goto

A611

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5							
Pass No.	960403-1134	960403-1237	960403-1341	960403-1444	960403-1547							
Operation	X REP OP/OG-01 WRT CPU2/3 STP/RST ACS ERR RST TCU MEM MODE OP START	X REP SBR A RNG STC05-WRT/CHK OBS MODE RNG OFF	X REP BDR STOP X REP DE0_ADR ON BDR STOP	X REP SBR-A RNG DE0_ADR ON CPU2/3 STOP/RST GIS MEM RNG OFF	X REP							
Target	A611	A611	A611	A611	A611							
AOS(UT)	16:41:22	18:23:18	20:04:10	21:46:11	23:27:32							
LOS(UT)	16:53:45	18:35:32	20:16:54	21:58:16	23:38:54							
Max-El Time	18.826 16:47:37	54.675 18:28:46	Zenith —	65.360 21:51:38	23.131 23:32:47							
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)							
Rep-start	16:42:52	18:23:53	20:06:40/20:10:43	21:55:20	23:28:31							
DP-mode	OBS → TCU → OBS	OBS → ACS → OBS	OBS	OBS	OBS							
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing							
SUN-pos θ_s/ϕ_s	—/—	10.33/180.66	10.25/180.66	10.20/180.81	10.12/181.42							
Attitude	$\begin{bmatrix} 120.5118 \\ 53.8681 \\ 164.8180 \end{bmatrix}$	$\begin{bmatrix} 120.51147 \\ 53.86826 \\ 164.81811 \end{bmatrix}$	$\begin{bmatrix} 120.51190 \\ 53.86839 \\ 164.81773 \end{bmatrix}$	$\begin{bmatrix} 120.512 \\ 53.868 \\ 164.817 \end{bmatrix}$	$\begin{bmatrix} 120.5121 \\ 53.8684 \\ 164.8181 \end{bmatrix}$							
OP-start(CE)	16:50:32 (00h)	Cont (0Ch)	Cont (18h)	Cont (23h)	Cont (2Fh)							
GIS HAM ERR	Err → Reset	—	—	Err → Reset	—							
ACS ERR	(SH)MOMCHG → Reset	—	—	—	—							
SIS-mode	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030							
S0/1-TECT	−34.49/−34.48	−35.07/−35.01	−35.56/−35.49	−36.19/−36.13	−36.48/−36.42							
S0/1-CCDT	−60.59/−60.17	−60.73/−60.31	−60.87/−60.45	−61.01/−60.55	−61.10/−60.69							
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	25/25 cps	28/25 cps	29/31 cps	30/27 cps	25/23 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	16.9 16.9		380.21 771	9408	184.23		
Pass: 9604031134			3/4	40	159 218	11.5		401.25 718	9408	180.16		

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 1212/3030 LVL OFF for A611

Bright(bit-H,M,L) 0303/2121, LVL OFF for Cyg X-1

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

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.40/23.30	19.40/23.30	-4.94/4.75	-4.64/4.78	5.93/7.04	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
4/4 10:50	Cyg X-1	4	(299.59 , 35.020)	(299.0539 , 54.961 , 1.0257)

Comment: 本日の運用: We observed A611, clusters of galaxies (PI: J. Hughes, US). The count rate is 0.1 count/sec/SIS. 5パスまでくると、メーカさんたちも疲れてきて、みんな黙ってひたすらリプロ終了を待つ、という感じです。だからって、おしゃべりするわけにもいかないしね。(山崎) 運用はだいぶ慣れてきたのでいいんだけど、睡眠時間が2分割されるのがツライです。昼御飯を食べてから昼寝をして、コマンドチェックのためにまた起きて、夕食後にまた数時間寝るとい、ものすごく体に悪そうな生活リズムです。(後藤)