

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 03 月 24 日 Y+ 2223 KSC 当番: K. Misaki and G. Fujimoto

G28.6-0.1 → RXJ1838.4-030

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5			
Pass No.	990324-0723			990324-0826			990324-0929			990324-1033			990324-1136			
Operation	X-REP OP/OG-12 WRT TCU-MEM OP-START			X-REP SBR-A-RNG STAR-04 WRT S-CTLG-CHK OBSERVE 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	G28.6-0.1			G28.6-0.1			G28.6-0.1			RXJ1838.4-030			RXJ1838.4-030			
AOS(UT)	11:06:20			12:47:47			14:28:05			16:09:34			17:50:20			
LOS(UT)	11:18:22			12:59:39			14:40:30			16:21:10			18:01:25			
Max-El	17.473°			52.492°			Zenith			65.923°			23.258°			
Time	11:12:24			12:53:03			—			16:14:55			17:55:35			
Rep- band(stat.)	X (Complete)			X (Complete)			X (Complete)			X (Complete)			X (Complete)			
Rep-start	11:07:26			12:48:22			14:29:10/14:34:46			16:10:18			17:51:12			
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	—/—			—/—			—/—			—/—			—/—			
Attitude	$\begin{bmatrix} 280.7899^\circ \\ 94.0521^\circ \\ 5.4450^\circ \end{bmatrix}$			$\begin{bmatrix} 280.7896^\circ \\ 94.0521^\circ \\ 5.4453^\circ \end{bmatrix}$			$\begin{bmatrix} 280.7893^\circ \\ 94.0521^\circ \\ 5.4455^\circ \end{bmatrix}$			$\begin{bmatrix} 279.4234^\circ \\ 93.1065^\circ \\ 5.7496^\circ \end{bmatrix}$			$\begin{bmatrix} 279.4236^\circ \\ 93.1063^\circ \\ 5.7488^\circ \end{bmatrix}$			
OP-start(CE)	11:15:08 (00h)			Cont (0Bh)			Cont (16h)			Cont (26h)			Cont (31h)			
GIS HAM ERR	—			—			—			—			—			
ACS ERR	—			—			—			—			—			
SIS-mode	Fnt/Fnt 1212/1212			Fnt/Fnt 1212/1212			Fnt/Fnt 1212/1212			Fnt/Fnt 1111/3333			Fnt/Fnt 1111/3333			
S0/1-TECT	-39.97/- 40.35°C			-36.97/- 40.30°C			-39.92/- 40.26°C			-40.26/- 40.50°C			-40.41/- 40.65°C			
S0/1-CCDT	-61.67/- 61.77°C			-61.67/- 61.81°C			-61.67/- 61.77°C			-61.67/- 61.77°C			-61.67/- 61.77°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	22.0/22.0 c s ⁻¹			23.9/20.5 c s ⁻¹			26.4/28.3 c s ⁻¹			26.3/28.2 c s ⁻¹			26.3/26.9 c s ⁻¹			
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	0	3/4	48	159	218	13.1	13.1	378.73	193	4606	183.67
Pass: 990324-0723							3/4	40	159	218	7.1		414.40	148	4606	180.53

SIS Mode Changes: G28.6-0.1 2CCD(1212/1212) F/F, LD (0.7keV) ON/OFF, AD ON/OFF
RXJ1838.4-030 1CCD(1111/3333) F/F, LD OFF, AD OFF

GIS Mode Changes: G28.6-0.1 PH(10-8-8-5-0-0)
RXJ1838.4-030 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
18.60/23.30	18.70/23.40	-4.90/4.73	-4.94/4.84	4.55/8.74	4.27/7.61

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
03/24 15:30	RXJ1838.4-030	6	(279.6121, -3.0207)	(279.4242, 93.1066, 5.7495)

Comment: 本日の運用: We have finished the observation of G28.6-0.1 (SNR, PI: K. Koyama, JPN) between the 3rd and 4th KSC contact. The counting rate of G28.6-0.1 is 0.028 cps for GIS ($r < 4^\circ$). Then, ASCA moved to the next target, RXJ1838.4-030 (SNR, PI: F. Nagase, JPN). 外は大雨で、真っ白。鹿児島に来ると良く思うのだけど、雨と

か風とかが何だか力強く、いつも経験してる雨とは違う感じがします。ということで外は大雨で大変でしたが、運用は今日も、平穏無事。何事も起こらなかったことに感謝。(みさき)

だんだん QL 解析にかかる時間が短くなってきた気がするっ 雨が降るとゴロゴロ音がしていたけど蛙の声である事が判明!! 怖いぐらいにでかい声で鳴くもんだなあ。。さて 一服して寝ます (-o-)y-ooOOO(げん)