

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 2 月 12/13 日 Y+ 1087/88 KSC 当番: T. Murakami and S. Suzuki

A521

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5				
Pass No.	960212-1237						960212-1443						960213-0102				
Operation	X REP RNG ON OP/OG-15 WRT TCU MEM OP START RNG OF						X REP S-CTLG 6 WRT S-CTLG CHK BDR STP/X REP BDR STP						X REP RNG ON RNG OF				
Target	A521						A521						A521				
AOS(UT)	18:00:57						21:23:33						00:46:37				
LOS(UT)	18:13:13						21:40:20						00:58:40				
Max-El	22.17						Zenith						20.56				
Time	18:06:53						—						00:52:08				
Rep-band(stat.)	X (Complete)			()			X (Complete)			()			X (Complete)				
Rep-start	18:02:21						21:24:27/21:30:07						00:47:21				
DP-mode	OBS → TCU → OBS						OBS → ACS → OBS						OBS				
ACS-mode	Normal-Pointing						Normal-Pointing						Normal-Pointing				
SUN-pos θ_s/ϕ_s	—/—						15.63/158.20						15.55/157.85				
Attitude	$\begin{bmatrix} 73.668 \\ 100.104 \\ 202.993 \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$			$\begin{bmatrix} 73.668 \\ 100.104 \\ 202.993 \end{bmatrix}$			$\begin{bmatrix} \\ \\ \end{bmatrix}$			$\begin{bmatrix} 73.668 \\ 100.104 \\ 202.993 \end{bmatrix}$				
OP-start(CE)	18:10:05 (00h)			()			Cont (1Ah)			()			Cont (33h)				
GIS HAM ERR	—						—						Normal				
ACS ERR	—						—						—				
SIS-mode	Faint/Faint 1111/3333						Faint/Faint 1111/3333						Faint/Faint 1111/3333				
S0/1-TECT	−33.13/−33.26						−34.15/−34.23						−34.78/−34.86				
S0/1-CCDT	−59.51/−59.33						−59.56/−59.33						−59.60/−59.33				
GIS-mode	PH(8-8-8-5-0-2)						PH(8-8-8-5-0-2)						PH(8-8-8-5-0-2)				
GIS LD Hit	25/27 cps						32/28 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	19.1	19.6	377.6	1966	19640	184.4	
Pass: 9602121237							3/4	40	159	218	13.6		400.9	1821	19640	179.8	
SIS Mode Changes: A521 : Faint(bit-H),Faint(bit-M) 1111/3333,LVL ON(0.48keV) V773 :Faint(BIT-H), Bright(bit-M) 0101/2323, LVL OF 3C111 :Faint(bit-H/M), 1111/3333, LVL ON(0.48keV)																	
GIS Mode Changes: PH8-8-8-5-0-2 (A521, V773, 3C111)																	

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.50/23.20	19.50/23.30	-4.51/4.75	-4.43/4.78	6.48/7.89	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
2/13 4:00	V773-Tau	1	(63.553 , 28.204)	(63.757 , 61.665 , 191.611)
2/13 12:10	3C111	2	(64.583 , 38.025)	(64.814 , 51.878 , 188.717)

Comment: 本日の運用: (PI: Arnaud (ESJ)): The observed count-rate was 0.07 cts/s/GIS2+3 (r=4').

The observed count-rate was 0.12 cts/s/SIS0C1 (r=3').

Elevation の非常に低い source の場合、region-file が自動ではうまく作られなかった。鈴木くんが苦労しています。まったく眠い。こんなしんどい運用をして何になるのか、不公平だとの声（これも睡魔のたわごとか）。朝は激しい雨の音。二日前は雪で震えあがったのに今朝は 16 度、予想最高が 20 度とのこと。（村上） 運用の途中で首が痛くなった。寝違えたんだろうか、それとも着けにくいヘッドギアのに耐えられなくなったんだろうか。（鈴木）