

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 04 月 10 日 Y+ 2240 KSC 当番: M.Ozaki and Y.Uchiyama

APM_08279+5255 → SN1993J_N1 → 3C382

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5			
Pass No.			990410-0310		990410-0413		990410-0516					
Operation	(AKEBONO)		X-REP SBR-A-RNG OP/OG-02 WRT TCU-MEM STAR-03 WRT S-CTLG-CHK OBSERVE ACS-ERR- RST OP-START RNG-OFF		X-REP STAR-04 WRT S-CTLG-CHK OBSERVE BDR-STOP X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP		X-REP SBR-A-RNG RNG-OFF		(GEOTAIL)			
Target			APM_08279+5255		SN1993J_N1		SN1993J_N1					
AOS(UT)			04:37:33		06:17:44		07:59:17					
LOS(UT)			04:49:50		06:30:55		08:11:58					
Max-El Time			56.160° 04:42:54		Zenith —		65.736° 08:04:54					
Rep- band(stat.) Rep-start	()		X (Complete) 04:38:13		X (Complete) 06:18:27/06:24:29		X (Complete) 07:59:53		()			
DP-mode			OBS/TCU/OBS		OBS/TCU/OBS /GIS/OBS		OBS					
ACS-mode SUN-pos θ_s/ϕ_s Attitude	$\begin{bmatrix} \quad \\ \quad \end{bmatrix}$		Normal- Pointing 5.48°/171.75° $\begin{bmatrix} 128.2613^\circ \\ 37.2506^\circ \\ 160.1160^\circ \end{bmatrix}$		Normal- Pointing 15.36°/246.20° $\begin{bmatrix} 149.6358^\circ \\ 21.1767^\circ \\ 124.4137^\circ \end{bmatrix}$		Normal- Pointing 15.34°/246.38° $\begin{bmatrix} 149.6359^\circ \\ 21.1769^\circ \\ 124.4123^\circ \end{bmatrix}$		$\begin{bmatrix} \quad \\ \quad \end{bmatrix}$			
OP-start(CE)	()		04:47:09 (00h)		Cont (11h)		Cont (1Bh)		()			
GIS HAM ERR			—		ERR → Reset		—					
ACS ERR			(SH)MOMCHG → Reset		—		—					
SIS-mode S0/1-TECT S0/1-CCDT			Fnt/Fnt 1111/3333 -35.85/ — 36.08°C -61.57/ — 61.39°C		Fnt/Fnt 0000/2222 -34.64/ — 34.81°C -61.57/ — 61.39°C		Fnt/Fnt 0000/2222 -34.05/ — 34.23°C -61.53/ — 61.30°C					
GIS-mode GIS LD Hit			PH(10-8-8-5-0) 25.7/24.9 c s ⁻¹		PH(8-8-8-0-0) 27.6/30.5 c s ⁻¹		PH(8-8-8-0-0) 31.3/30.4 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	1	3/4	48	159	218	14.9	14.7	374.54	987	20674	184.02
Pass: 990410-0310			3/4	40	159	218	8.7		400.30	925	20674	180.14

APM08279+5255	1CCD(1111/3333)	F/F, LD OFF, AD OFF
SIS Mode Changes: SN1993J_N1	1CCD(0000/2222)	F/F, LD 0.51 keV, AD OFF
3C382	1CCD(1111/3333)	F/F, LD OFF, AD OFF

APM08279+5255	PH(10-8-8-5-0)
GIS Mode Changes: SN1993J_N1	PH(8-8-8-0-0)/PH(8-6-6-0-0)
3C382	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
18.60/23.20	18.70/23.30	-4.64/4.73	-4.90/4.95	4.82/8.74	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
4/10 6:00	SN1993J_N1	2	(148.8543, 69.0202)	(149.6363, 21.1736, 124.4136)
4/11 9:00	3C382	3	(278.7642, 32.6964)	(278.5569, 57.4087, 12.8295)

Comment: 本日の運用: ASCA observed APM08279+5255 (AGN, PI: T.Nakagawa, JPN) and SN1993J (SNR, PI: H.Inoue, JUS). GIS and SIS count rates of APM08279+5255 are 9×10^{-3} and 0.05 cts/s, respectively. In the GIS FOV, some additional point sources that are fainter than the target are also detected. SIS0+1 count rate of SN1993J pointing including M81 X-5 and X-6 is 2 cts/s.

▼SN1993J はビット配分のせいか GIS の QL に失敗しました。
雨上がりは仮眠室の外で蛙がそれはもう賑やかに鳴きます。普段は蛙の声は嫌いではないのですが、早朝にそれをやられた時にはさすがに生態系の保護など一切無視して劇薬を撒きたくまりました。(おざき%結局 gcc のコンパイルを始めてしまった)
▼昨晚からあいにくの天気です。風で建物が大きな音を立て、雨漏りもしています。明日の日曜は良い天気になればいいのですが。次の下位ビットの日高君はバイクで来るそうです。気をつけて来て下さい。お待ちしております。(内山)