雨、雨、雨、雨、雨、雨、雨、梅雨明けなんておおうそだ....。A2319 はとても明るい。温度が高いのに以外によく決まるものだと思いました（所詮は QL なのかもしれませんが...）。（鎌田）

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 21 日　Y+ 151~152　KSC 当番: 鎌田 、 深沢・上野

A2319/A2256

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930721–1443	930721–1546	930722–0101	930722–0205	930722–0308
Operation	X-REP OP-OG-WRT TCU-MODE ERR-CODE-RST (SH-MOMCHG) OP-STRT	X-REP RNG SCT-WRT OBS-MODE	X-REP BDR-STOP X-REP BDR-STOP	X-REP RNG	X-REP
Target	A2319	A2319	A2319	A2319	A2319
AOS(UT) LOS(UT)	21:02:16 21:14:20	22:43:50 22:56:18	00:25:49 00:37:38	02:07:38 02:19:01	03:49:46 04:59:44
Max-El Time	33.197 21:08:14	78.354 22:49:41	Zenith —	39.752 02:12:52	11.615 03:54:04
Rep-band(stat.) Rep-start	X (Completed) 21:03:40	X (Completed) 22:44:58	X (Interrupted) 00:26:44/00:32:02	X (Completed) 02:08:56	X (Completed) 03:50:56
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing 25.25° $\begin{bmatrix} 290.676 \\ 46.341 \\ 100.515 \end{bmatrix}$	Normal–Pointing 25.25° $\begin{bmatrix} 290.675 \\ 46.341 \\ 100.517 \end{bmatrix}$	Normal–Pointing 25.25° $\begin{bmatrix} 290.675 \\ 46.341 \\ 100.515 \end{bmatrix}$	Normal–Pointing 25.25° $\begin{bmatrix} 246.341 \\ 46.341 \\ 100.516 \end{bmatrix}$	Normal–Pointing 25.26° $\begin{bmatrix} 290.676 \\ 46.341 \\ 100.515 \end{bmatrix}$
OP-start(CE)	21:12:02 (00h)	Cont (08h)	Cont (11h)	Cont (1Ah)	Cont (26h)
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 4CCD −35.70/−35.69 −60.78/−60.41	Faint/Faint 4CCD −36.19/−36.22 −60.92/−60.59	Faint/Faint 4CCD −36.62/−36.71 −61.15/−60.83	Faint/Faint 4CCD −36.77/−36.90 −61.43/−61.06	Faint/Faint 4CCD −36.58/−36.81 −61.67/−61.34
GIS-mode GIS LD Hit	PH 26cps/26cps	PH 29cps/30cps	PH 29cps/30cps	PH 31cps/30cps	PH 27cps/25cps

P X Y R S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10 8 8 5 0	FLF	—	3/4	48	159	218	18.6	18.5	394.82	184.17	1648
Pass: S9307201443			3/4	40	159	218	13.6		404.62	180.58	1652

GIS Mode Changes: no change

Condition Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B	Charge/Discharge
20.10/23.40	20.20/23.40	−4.38/4.75	−4.55/4.89	4.82/8.74	4.82/8.46	no good data

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/22 04:05	A2256	2	(255.9738 , 78.6470)	(257.429 , 11.504 , 131.953)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: Today we observed a rich cluster of galaxies A2319 (z=0.053). The count rate is GIS:~ 2.5c/s/sensor, and the gas temperature is ~ 8.5keV. X-ray image is extended to at least 10 arcmin. Two pointing observation was performed.
今日は全国的に晴れていたようですが、内之浦の辺りはどしゃぶりで寒かったです。GIS関係のソフトを最新のものにしておきました。（深沢）