「あすか」 OPERATION REPORT Ver.1.5

93 年 11 月 4 日　Y+ 257　KSC 当番: 林田 、 高野

IRAS F10214+4724, NGC4151

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	931104–1133	931104–1237	931104–1340	931104–1444	931104–1547
Operation	X-REP GIS-ER RST OP/OG-WRT R-OG 47,48,49h OP-START	X-REP SBR-A RNG STC-WRT/CHK OBS MODE RNG OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A RNG RNG OFF	X-REP
Target	IRAS F10214	IRAS F10214	IRAS F10214	IRAS F10214	IRAS F10214
AOS(UT) LOS(UT)	16:27:37 16:39:09	18:09:22 18:21:09	19:50:16 20:02:50	21:32:19 21:44:31	23:13:40 23:25:32
Max-El Time	17.96 16:33:12	54.64 18:14:28	Zenith —	64.22 21:37:39	23.35 23:19:01
Rep-band(stat.) Rep-start	X (Completed) 16:28:52	X (Completed) 18:09:50	X (Completed) 19:51:18/19:56:36	X (Completed) 21:32:56	X (Completed) 23:15:02
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s Attitude	Normal–Pointing night $\begin{bmatrix} 155.843 \\ 42.810 \\ 330.227 \end{bmatrix}$	Normal–Pointing night $\begin{bmatrix} 155.842 \\ 42.811 \\ 330.227 \end{bmatrix}$	Normal–Pointing 5.2° $\begin{bmatrix} 155.844 \\ 42.811 \\ 330.227 \end{bmatrix}$	Normal–Pointing 5.1° $\begin{bmatrix} 155.844 \\ 42.811 \\ 330.227 \end{bmatrix}$	Normal–Pointing 5.1° $\begin{bmatrix} 155.844 \\ 42.811 \\ 330.226 \end{bmatrix}$
OP-start(CE)	16:36:00 (00h)	Cont (0Bh)	Cont (17h)	Cont (22h)	Cont (2Dh)
SIS-mode	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123
S0/1-TECT	−38.13/−38.02	−38.22/−38.07	−38.37/−38.22	−38.81/−38.65	−39.94/−39.98
S0/1-CCDT	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77
GIS-mode GIS LD Hit	PH 22cps/24cps	PH 26cps/23cps	PH 31cps/32cps	PH 27ps/25cps	PH 26cps/26cps

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	12.5	12.5	407.22	183.74	1500
Pass: 9311041133							3/4	40	159	218	6.5		426.02	181.64	1341

GIS Mode Changes: no change

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.00/23.40	20.10/23.40	−4.47/4.73	−4.60/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/05 7:40	NGC4151	3	(182.633 , 39.406)	(−177.584 , 50.475 , −54.337)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用:

A proto-galaxy candidate IRAS F10241+4724 was observed. In the SIS QL data, we could not find an significant evidence of a source at its expected position. There found a source in the GIS field with an intensity of 0.007 c/s/GIS. However, it was aprt from the target position by about 10 arc minutes.

== On the attitude trouble this week (According to Kii san's report).==

The problem occured at Oct. 31th, 8:16 (UT) twenty minutes after the end of a large manuever to SS433. At that time, the STT-A sensor output a strange H-adress for the track star A3, which caused an attitude

rotation of -1.10 deg around X-axis and 0.95 deg aruound Y-axis. The track area A3 was set at the edge of the CCD sensor. There might be a problem for such a setting, though further examination is needed.
今日、名大の先間さんがいらっしゃいました。ここでのお勤めももうすぐ終りだと思うと、少し名残惜しいですが、お風呂場のムカデとさよならできる日が待ち遠しいです。ああ、はやく心安らかに湯舟に浸かりたい。（高野）
IRAS F10241+4724 は、PI が 5 人という人気（？）のソース（私もその一人ですが）。 まあ、かなり暗いことは覚悟していましたが、 QL データの範囲では明らかなピークはみつけられませんでした。 まだあきらめていませんが。 （林田）