「あすか」 OPERATION REPORT Ver.1.5

93 年 11 月 21 日　Y+ 274　KSC 当番: 石崎 、 薗部

0535-66.0, Fairall-9

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	931121–0516	931121–0619	931121–0722	931121–0826	931121–0929
Operation	X-REP OP/OG-WR/CK	X-REP SBR-A RNG SCT WRT/CHK OBSERVE MODE RNG OFF	X-REP CPU2/3 STP CPU2/3 RST BDR STOP X-REP BDR STOP	X-REP BDR STOP X-REP BDR STOP	X-REP SBR-A RNG RNG OFF
Target	0535-66.0	0535-66.0	0535-66.0	0535-66.0	0535-66.0
AOS(UT) LOS(UT)	07:38:20 07:49:24	09:19:00 09:32:13	11:00:45 11:14:03	12:42:32 12:55:38	14:24:24 14:36:40
Max-El Time	12.308 07:44:04	40.342 09:25:16	Zenith —	Zenith —	38.077 14:30:10
Rep-band(stat.) Rep-start	X (Completed) 07:39:24	X (Completed) 09:20:01	X (Completed) 11:01:25/11:06:29	X (Completed) 12:43:25/12:49:01	X (Completed) 14:25:05
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing
ACS-spn/θ_s ϕ_s	1.72°, 166.6°	1.75°, 166.59°	1.84°, 162.47°	night	night
Attitude	$\begin{bmatrix} 83.578 \\ 155.889 \\ 295.271 \end{bmatrix}$	$\begin{bmatrix} 83.578 \\ 155.889 \\ 295.271 \end{bmatrix}$	$\begin{bmatrix} 83.577 \\ 155.889 \\ 295.271 \end{bmatrix}$	$\begin{bmatrix} 83.577 \\ 155.889 \\ 295.270 \end{bmatrix}$	$\begin{bmatrix} 83.576 \\ 155.888 \\ 295.268 \end{bmatrix}$
OP-start(CE)	07:46:02 (00h)	Cont (06h)	Cont (0Ch)	Cont (12h)	Cont (18h)
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333
S0/1-TECT	−34.81/−33.89	−33.81/−33.94	−33.67/−33.84	−33.67/−33.89	−33.86/−34.04
S0/1-CCDT	−60.73/−60.36	−61.01/−60.64	−61.10/−60.78	−61.10/−60.78	−60.73/−60.73
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	21cps/28cps	24cps/23cps	29cps/27cps	30ps/31cps	29cps/29cps

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	1	3/4	48	159	218	15.3	15.2	398.62	183.83	1713
Pass: 9311210516			3/4	40	159	218	9.8		409.73	180.65	1630

GIS Mode Changes: none

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	20.00/23.50	−4.29/4.75	−4.47/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/21 15:40	Faireall-9	2	(20.9397 , -58.8046)	(21.0414 , 148.6061 , -123.8821)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本 **1** 日の運用:
Point-like SNR 0535-66.0 showed soft spectrum (kT ∼ 0.7–8, abundance ∼ 0.3 with raymond fit) and intensity was about 2.5c/s/SIS and 0.90c/s/GIS. Two temperatures model gave better fit for SIS.
今日の運用は、当番が手配できなくて、石田さんが一人で作ったそうです。ごくろうさまでした。今日は 2 時半過ぎまで寝ていたら、薗部くんが大体チェックを済ませてくれていて助かりました。運用は特に問題もなく順調で、暇でした。(石崎)

今日は日曜日だというのに運用です。ここに居ると曜日の感覚がなくなります。0535-66.0 は結構明るいですね。石崎さんがいろいろソフトを改良してくれるのでより使いやすくなってきています。:-) (薗部)