

す。学生時代最後の仕事なので感慨深いものがあります。この場を借りて名大U研の皆様と貴重なデータを送ってくれた「あすか」にお礼申し上げます。（井上）

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 5 日 Y+ 378 KSC 当番: 三浦、井上、T 田村

E0449-184 → TMC1 → NGC1667

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	940305-0411		94035-0515		940305-0618		940305-0721		940305-0825						
Operation	X REP OP/OG WT/CK CPU-2/3 STOP CPU-2/3 RST OP START		X REP SBR-A RNG S-CTLG WT/CH OBSERVE MODE RNG OFF		X REP BDR STOP X REP BDR STOP		X REP SBR-A RNG RNG OFF		X REP						
Target	E0449-184		E0449-184		TMC1		TMC1		TMC1						
AOS(UT)	05:24:31		07:06:38		08:47:40		10:29:52		12:11:26						
LOS(UT)	05:37:22		07:19:14		09:00:45		10:42:14		12:23:01						
Max-El Time	19.323 05:31:00		55.1090 07:12:17		Zenith —		66.698 10:35:12		24.086 12:16:46						
Rep-band(stat.)	X (Completed)		X (Completed)		X (Completed)		X (Completed)		X (Completed)						
Rep-start	05:34:11		07:07:14		08:48:40/08:54:34		10:30:34		12:12:28						
DP-mode	OBS		OBS		OBS		OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ θ_s ϕ_s	7.23°, 51.10°		7.29° , 51.20°		9.52°,74.33°		9.46°, 73.90°		9.48°, 73.45°						
Attitude	$\begin{bmatrix} 73.3126 \\ 108.3853 \\ 190.7362 \end{bmatrix}$		$\begin{bmatrix} 73.0932 \\ 108.2105 \\ 109.5165 \end{bmatrix}$		$\begin{bmatrix} 71.1134 \\ 63.9192 \\ 196.9523 \end{bmatrix}$		$\begin{bmatrix} 70.1141 \\ 63.9181 \\ 196.9524 \end{bmatrix}$		$\begin{bmatrix} 70.1136 \\ 63.9183 \\ 196.952 \end{bmatrix}$						
OP-start(CE)	05:34:11 (00h)		Cont (08h)		Cont (19h)		Cont (24h)		Cont (31h)						
SIS-mode	FNT/FNT 0101/2323		Fnt/Fnt 0101/2323		Fnt/Fnt 0123/0123		Fnt/Fnt 0123/0123		Fnt/Fnt 0123/0123						
S0/1-TECT	-37.21/-37.15		-37.01/-37.00		-36.33/-36.42		-35.75/-35.93		-35.56/-35.79						
S0/1-CCDT	-61.71/-61.81		-61.71/-61.81		-61.71/-61.81		-61.071/-61.77		-61.67/-61.77						
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	22cps/26cps		23cps/25cps		29cps/33cps		26cps/28cps		24cps/27cps						
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	13.1	12.5	403.29	183.64	1412
Pass:			940305-0411		3/4	40	159	218	7.1	456.55		181.20	1387		
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
20.10/23.40	20.00/23.50	-4.25/4.75	-4.25/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
03/05 08:33	TMC1	1	(69.89 , 25.88)	(70.1134 , 63.9192 , 196.9523)
03/06 08:33	NGC1667	2	(72.1547 , 6.32)	(72.3355 , 96.2201 , 1190.1641)

Comment: 本日の運用:

E0449-184(PI:Y.Terashima) was observed with intensity ~ 0.02 c/s/GIS and ~ 0.01 c/s/SIS, respectively. The spectrum, obtained with GIS, are approximately described with power-law model whose photon index is ~ 1.2 .

今日は SIS の温度も -61 度台に回復してきました。TMC1 は 4CCD mode で level discrion していません。3,4,5 パス目に見たところイベント数は s0 が 15 ~ 20 c/s, s1 が 20 ~ 25 c/s くらいでした。大丈夫ですね。明日ははじめて人里においてみようとおもいます。(三浦) やっと東京を脱出できた (T 田村)。実質的に今日で御役御免で