

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 23 日 Y+ 395/396 KSC 当番: 吉田 K 、 瀧澤、 G.Zylstra

A586 → 4C41.17

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940322-1341	940322-1445	940322-1548	940323-0103	940323-0207
Operation	X REP OP/OG WT/CK ADRS DISCR OP START	X REP SBR A RNG S-CTLG WT/CK OBS-MODE DE-0 ADRS ON RNG OFF	X REP BDR STOP X REP BDR STOP	X REP	X REP SBR A RNG DE-0 ADRS OFF RNG OFF
Target	A586	A586	A586	A586	A586
AOS(UT)	20:22:17	22:02:59	23:44:20	01:26:00	03:07:32
LOS(UT)	20:32:46	22:15:11	23:57:10	01:38:55	03:20:04
Max-El Time	12.180 20:27:29	41.950 22:08:34	Zenith —	78.246 01:31:42	34.710 03:13:10
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)
Rep-start	20:23:14	22:03:55	23:45:01/23:50:47	01:26:40	03:08:16
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	17.85°, 170.43°	17.80°, 170.49°	17.69°, 170.53°	17.64°, 170.49°	17.57°, 170.44°
Attitude	$\begin{bmatrix} 113.3241 \\ 58.3281 \\ 170.6473 \end{bmatrix}$	$\begin{bmatrix} 113.3237 \\ 58.3277 \\ 170.6423 \end{bmatrix}$	$\begin{bmatrix} 113.3242 \\ 58.3277 \\ 170.6439 \end{bmatrix}$	$\begin{bmatrix} 113.3240 \\ 58.3275 \\ 170.6442 \end{bmatrix}$	$\begin{bmatrix} 113.3240 \\ 58.3276 \\ 170.6449 \end{bmatrix}$
OP-start(CE)	20:23:14 (00h)	Cont (09h)	Cont (13h)	Cont (1Dh)	Cont (28h)
SIS-mode	Fnt/Fnt 1111/3333	Fnt/Fnt 0123/0123	Fnt/Fnt 0123/0123	Fnt/Fnt 0123/0123	Fnt/Fnt 0123/0123
S0/1-TECT	-36.53/-36.47	-36.77/-36.71	-36.72/-36.66	-36.53/-36.51	-36.09/-36.17
S0/1-CCDT	-61.53/-61.39	-61.57/-61.34	-61.53/-61.30	-61.38/-61.11	-61.20/-60.83
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	23cps/23cps	23cps/24cps	25cps/24cps	29cps/27cps	27cps/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	15.8	16.3	399.91	183.79	1825
Pass: 9403221341							3/4	40	159	218	10.4		444.69	180.89	1567

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
20.00/23.50	20.10/23.50	-4.08/4.73	-4.25/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
03/23 08:15	4C41.17	3	(102.7180 , 41.5086)	(102.9888 , 48.4584 , 170.1433)

Comment: 本日の運用:

A586, z=0.2 galactic cluster, was detected by SIS (0.2 cts/s). The MEKA spectral model (T 6 keV), even with variable abundance, does not account for excess at 0.63 keV (Iron L line emission?).

グレッグさんが xspec ver8.40 を raimei にインストールしました。使えるモデルが増え、グレッグさんは熱心に spectral fitting を行なっています。A586 は MEKA model で kT=6keV 程度になりました。また、本日 A80 のメインテナンスありました。(吉田 K)

快調(瀧澤)