

Comment: 本日の運用:

Today's observation is mapping of the Coma cluster (PI:Yamashita JPN). The GIS spectra of point N7 and point N8 are fitted with a single Raymond-Smith model, but the temperatures are different. The temperature of N7 is $kT=7.57^{+1.76}_{-1.24}$ keV and the one of N8 is $kT=5.92^{+1.20}_{-0.88}$ keV. The both spectra show weak iron line and abundances are low (N7: $Ab < 0.05$, N8: $Ab < 0.12$). A1641 (194.02, 28.45 J2000: z is unknown) which is supposed to be in the FOV of GIS of N7 is very faint. 来てから一週間ですが、ずっと雨です。持ってきたマウンテンバイクはまだ輪行袋に入ったままです。明日も雨らしい。あーあ (T.Tsuru)。午前中は KSC が雲塊の中に埋もれてしまい、夜には雷が鳴っていました。今日も雨がとても沢山降りました。(K.Okada)

「あすか」 OPERATION REPORT Ver.1.5

94 年 6 月 11 日 Y+ 476 KSC 当番: T.Tsuru, 、 K.Okada

ComaN7→ComaN8→NGC4418→A1995

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5					
Pass No.	940611-0412		940611-0516		940611-0619		940611-0722		940611-0826					
Operation	X REP DE-) ADRS OF OP/OG-11 RAM TCU MEM CPU2/3 STOP CPU2/3 RST ACS ERR CODE RESET OP STRT		X REP SBR-A RNG STAR-04 RAM S-CTLG CHK OBSERVE MODE RNG OFF		X REP BDR STOP X REP BDR STOP		X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF		X REP					
Target	ComaN7		ComaN7		ComaN7		ComaN8		ComaN8					
AOS(UT)	05:49:59		07:31:49		09:12:48		10:54:47		12:36:16					
LOS(UT)	06:01:47		07:43:48		09:25:09		11:06:42		12:47:23					
Max-El Time	22.661 05:55:47		64.128 07:37:02		Zenith —		54.740 11:00:05		18.507 12:41:18					
Rep-band(stat.)	X (Completed)		X (Completed)		X (Completed)		X (Completed)		X (Completed)					
Rep-start	05:50:40		07:32:28		09:13:50/09:19:17		10:55:20		12:37:17					
DP-mode	OBS/TCU/OBS		OBS/ACS/OBS		OBS		OBS/GIS/OBS		OBS					
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing					
ACS-spn/ θ_s ϕ_s	9.18°, 173.30°		9.13°, 173.43°		9.07°, 173.71°		9.17°, 179.45°		9.12°, 179.61°					
Attitude	$\begin{bmatrix} 194.606 \\ 61.709 \\ 148.412 \end{bmatrix}$		$\begin{bmatrix} 194.606 \\ 61.709 \\ 148.411 \end{bmatrix}$		$\begin{bmatrix} 194.607 \\ 61.710 \\ 148.413 \end{bmatrix}$		$\begin{bmatrix} 194.547 \\ 62.194 \\ 147.632 \end{bmatrix}$		$\begin{bmatrix} 194.547 \\ 62.194 \\ 147.631 \end{bmatrix}$					
OP-start(CE)	05:58:56 (00h)		Cont (0Bh)		Cont (16h)		Cont (26h)		Cont (31h)					
GIS HAM ERR	ERR		NORM		NORM		ERR		NORM					
ACS ERR	(SH)MOMCHG		—		—		—		—					
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	−37.74/−37.39		−37.20/−36.95		−37.06/−36.76		−36.29/−35.98		−35.46/−35.15					
S0/1-CCDT	−61.67/−61.77		−61.67/−61.77		−61.67/−61.77		−61.67/−61.77		−61.67/−61.72					
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	25cps/22cps		28cps/32cps		28cps/28cps		28cps/28cps		25cps/25cps					
P	X	Y	R	S	Pos	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	14.2	14.7	397.03	183.78	1208
Pass: 9406110412						3/4	40	159	218	8.7		416.15	180.89	1234
GIS Mode Changes: 10-8-8-5-0-0														

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.00/23.47	20.03/23.50	−4.16/4.73	−4.24/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/11 10:50	Coma N8	4	(194.2400 , 27.8200)	(194.5447 , 62.1937 , 147.6336)
06/11 16:50	NGC4418	5	(186.7256 , -0.8792)	(186.9306 , 90.8928 , 157.1844)
06/12 15:40	A1995	6	(223.2360 , 58.0481)	(223.5647 , 32.0608 , 128.8364)