「あすか」 OPERATION REPORT Ver.1.5

94 年 6 月 10 日 Y+ 475 KSC 当番: T.Tsuru, 、 K.Okada

ComaN3→ComaN4→ComaN5→ComaN6→ComaN7

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940610–0412	940610–0516	940610–0619	940610–0722	940610–0826
Operation	X REP OP/OG-6 RAM TCU MEM ACS ERR CODE RESET OP STRT	X REP SBR-A RNG STAR-3 RAM S-CTLG CHK OBSERVE MODE CPU2/3 STOP CPU2/3 RST 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	ComaN3	ComaN3	ComaN4	ComaN4	ComaN4
AOS(UT)	05:52:28	07:34:11	09:15:03	10:57:02	12:38:24
LOS(UT)	06:03:56	07:46:04	09:27:32	11:09:11	12:50:11
Max-El	16.237	51.019	Zenith	67.752	25.520
Time	05:58:12	07:39:23	—	11:02:24	12:43:43
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)
Rep-start	05:53:43	07:34:19	09:16:02/09:21:34	10:57:29	12:39:22
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	11.25°, 176.52°	11.20°, 176.64°	10.97°, 174.39°	10.92°, 173.65°	10.81°, 174.73°
Attitude	$\begin{bmatrix} 195.810 \\ 62.392 \\ 146.960 \end{bmatrix}$	$\begin{bmatrix} 195.843 \\ 62.348 \\ 146.928 \end{bmatrix}$	$\begin{bmatrix} 195.906 \\ 61.897 \\ 147.273 \end{bmatrix}$	$\begin{bmatrix} 195.906 \\ 61.897 \\ 147.273 \end{bmatrix}$	$\begin{bmatrix} 195.906 \\ 61.897 \\ 147.273 \end{bmatrix}$
OP-start(CE)	06:00:41 (00h)	Cont (0Bh)	Cont (1Bh)	Cont (26h)	Cont (31h)
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	−38.76/−38.51	−38.52/−38.26	−38.18/−37.92	−37.59/−37.34	−36.87/−36.61
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	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	26cps/25cps	28cps/25cps	29cps/28cps	28cps/26cps	29cps/28cps

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	NONE	3/4	48	159	218	14.7	14.7	395.73	184.05	1407
Pass: 9406100412							3/4	40	159	218	9.3		414.02	180.96	1205

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
20.00/23.40	20.10/23.50	−4.08/4.73	−4.15/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/10 7:50	Coma N4	6	(195.600 , 28.120)	(195.9055 , 61.8954 , 147.2725)
06/10 14:10	Coma N5	1	(195.270 , 28.560)	(195.5768 , 61.4542 , 147.5263)
06/10 20:20	Coma N6	2	(194.760 , 28.620)	(195.0671 , 61.3922 , 147.9482)
06/11 04:30	Coma N7	3	(194.300 , 28.300)	(194.6063 , 61.710 , 148.4133)

Comment: 本日の運用:

Today's observation is mapping of the Coma cluster(PI:Yamashita JPN). The GIS spectra of point N3 and point N4 are fitted with a single Raymond-Smith model (kT=5.0 ± 0.3, Abundance=0.3 ± 0.1). The temperature is lower than the value obtained with Ginga (kT=8.11 ± 0.07 Hatsukade Ph.D). No significant difference is found between the spectra of poing N3 and N4. pass 1 で (SH)MOMCHG(ASC err) ; pass 2 で HAM err ; pass 3 で HAM err が出ていましたがいずれもリセットしました。明日から運用記録に欄を設けて書き加えます（鶴さん曰く）。I 君が女の子にもてまくっていることが先ほど判明した (T.Tsuru)。(注意: 「T 君、I 君がうらやましいでしょう」という e-mail、電話、FAX 等はお断りします)。明日の某研究室の様子が目に浮かぶようです。鹿児島は今日も雨。(K.Okada)