

1pass め、4pass めに ACS ERR-CODE((SH)MOMCHG) をリセットしました。

村上君は今日も 4 パスめと 5 パスめに上位ビットをやってくれた。僕の陰謀は着々と進んでいる。僕が彼より有利なのは、「教育」という大義名分があるからです。人をたぶらかすには、大義名分は大変有効な道具です。(竹島さんに靴下を持っていかれてしまったらしい大谷)

リプロだけのパスではなんとか上位ビットもできそう。大谷さんは下位ビットも完璧。これで僕は寝てても……。 (ベッドに帰ると竹島さんが寝ていた、村上)

「あすか」 OPERATION REPORT Ver.1.5

94 年 4 月 15 日 Y+ 419 KSC 当番: 大谷、村上

A1704 → NGC3690 → 3C219 → NGC3310 → W UMa

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940415-0619	940415-0723	940415-0826	940415-0929	940415-1033					
Operation	X REP OP/OG WT/CK TCU MEM MODE ACS ERR RST DE-0 ADRS OFF OP START	X REP SBR-A RNG S-CTLG WT/CK OBS MODE	X REP BDR STOP X REP BDR STOP	X REP RNG-A ACS ERR RST	X REP					
Target	A1704	A1704	A1704	A1704	A1704					
AOS(UT)	09:21:52	11:03:47	12:44:48	14:26:55	16:08:39					
LOS(UT)	09:34:50	11:16:38	12:58:00	14:39:47	16:20:20					
Max-El Time	21.270 09:28:14	58.913 11:09:32	Zenith —	64.827 14:32:50	23.536 16:14:09					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	09:23:47	11:04:21	12:45:53/12:51:49	14:27:39	16:09:41					
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	16.82°, 200.94°	16.80°, 201.24°	16.82°, 201.41°	-°, -°	-°, -°					
Attitude	$\begin{bmatrix} 198.7523 \\ 25.6161 \\ 88.5307 \end{bmatrix}$	$\begin{bmatrix} 198.7523 \\ 25.6163 \\ 88.5307 \end{bmatrix}$	$\begin{bmatrix} 198.7528 \\ 25.6163 \\ 88.5303 \end{bmatrix}$	$\begin{bmatrix} 198.7534 \\ 25.6161 \\ 88.5298 \end{bmatrix}$	$\begin{bmatrix} 198.7536 \\ 25.6162 \\ 88.5290 \end{bmatrix}$					
OP-start(CE)	09:31:35 (69h)	Cont (0Bh)	Cont (14h)	Cont (21h)	Cont (2Ch)					
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301					
S0/1-TECT	-40.99/-40.89	-40.94/-40.69	-40.70/-40.55	-40.84/-40.65	-40.94/-40.74					
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	24cps/21cps	27cps/26cps	28cps/29cps	31cps/32cps	26cps/25cps					
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	0	3/4	48	159 218	17.5 18.0		389.78	184.09	5115
Pass: 9404150619			3/4	40	159 218	12.0		405.33	180.39	4751
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
20.10/23.50	20.10/23.50	-4.34/4.75	-4.47/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
04/15 20:20	NGC3690	3	(172.1362 , 58.5613)	(172.4627 , 31.5558 , 126.4618)
04/16 20:20	3C219	4	(140.2858 , 45.6493)	(140.5806 , 44.3723 , 154.5491)
04/17 09:00	NGC3310	5	(159.6920 , 53.5020)	(160.0106 , 36.5823 , 137.7431)
04/17 20:30	W UMa	6	(145.9388 , 55.9531)	(146.2971 , 34.0907 , 148.5330)

Comment: 本日の運用: A1704 ($z=0.22$) is a cluster of galaxies. Intensity is 0.054 c/s/SIS and 0.083 c/s/GIS. The spectrum is hard and is represented by 5.4 keV Raymond-Smith model with abundance of 0.37. Iron k-line is clearly visible in the GIS spectrum.