「あすか」 OPERATION REPORT Ver.1.5

93 年 8 月 08 日　Y+ 169~170　KSC 当番: 石田、青木 、 Keith、川嶋

A2163

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	930808–0825	930808–0929	930808–1032	930808–1145	930808–1239
Operation	X-REP RNG OP-OG-WRT SCT-WRT ROG47,48,49 ERR-CODE-RST OP-STRT	X-REP	X-REP ERR-CODE-RST BDR-STOP X-REP BDR-STOP	X-REP RNG	X-REP
Target	A2163	A2163	A2163	A2163	A2163
AOS(UT) LOS(UT)	12:19:08 12:32:21	14:00:45 14:14:08	15:42:43 15:55:55	17:24:35 17:37:20	19:06:53 19:17:18
Max-El Time	34.081 12:25:26	77.793 14:07:01	Zenith —	45.705 17:30:28	14.512 19:11:43
Rep-band(stat.) Rep-start	X (Completed) 12:20:38	X (Completed) 14:01:51	X (Interrupted) 15:43:42/15:49:30	X (Completed) 17:25:59	X (Completed) 19:07:55
DP-mode	OBS/ACS/OBS	OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s	Normal–Pointing —°	Normal–Pointing —.°	Normal–Pointing —°	Normal–Pointing —°	Normal–Pointing 16.29°
Attitude	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.100 \\ 96.056 \\ 165.026 \end{bmatrix}$	$\begin{bmatrix} 244.100 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$	$\begin{bmatrix} 244.101 \\ 96.056 \\ 165.025 \end{bmatrix}$
OP-start(CE)	12:29:30 (00h)	Cont (09h)	Cont (1Dh)	Cont (1Bh)	Cont (24h)
SIS-mode	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD	Faint/Faint 4CCD
S0/1-TECT	−42.88/−42.69	−42.64/−42.44	−42.35/−42.25	−42.35/−42.25	−42.54/−42.44
S0/1-CCDT	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.67/−61.81	−61.71/−61.81
GIS-mode	PH	PH	PH	PH	PH
GIS LD Hit	23cps/24cps	28cps/27cps	34cps/36cps	35cps/35cps	26cps/23cps

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	–	3/4	48	159	218	15.8	16.3	406.13	183.89	1439
Pass: S9308080825							3/4	40	159	218	9.8		417.58	181.26	1347

GIS Mode Changes: no change

Condition Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B	Charge/Discharge
20.40/23.40	20.40/23.50	−4.29/4.73	−4.43/4.76	4.82/8.74	4.82/8.46	no good data

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/09 10:25	X1636-536	6	(250.2292 , -53.7514)	(-109.50 , 143.68 , -172.45)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: Today's target is ABELL2163, a cluster of galaxies. The count rate is about 0.7 count/s for SIS and 0.6 count/sec for GIS. The obtained Raymond and Smith tmperature is about ~12 keV and ~16 keV for SIS and GIS, respectively. We cannot find any evident line emissions in its energy spectrum. ABELL2163 は Fe はじめ、これといった輝線がみえません。 Avundance が低いからなのでしょうが、こんなもんなんでしょうか？

KSC はとにかく凄いと風と雨です。恐いほど。ということで、9 日の運用は中止となりました。石田氏と Keith 氏は、今朝暴風雨が吹く前に KSC を後にしましたが、飛行機が飛ぶとは思えない。どうしているのだろうか？石田さんは、空港に行ってから考えるといっていたけど.....。（青木）
何故こんな目に会うのでしょうか？（川嶋）