

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 9 月 07 日 Y+ 564 KSC 当番: K. Iwasawa 、 H. Kaneda

HT CAS/X1636-536

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	940907-0723		940907-0826		940907-0930		940907-1033		940907-1137						
Operation	X REP SBR-A RNG OP/OG-11 WRT TCU MEM MODE ACS ERR RST RNG OFF		X REP STAR-05(2) S-CTLG CHK OBSERVE MODE ASC ERR RST BDR-STOP X-REP BDR STOP		X REP CPU2/3 STOP CPU2/3 RST BDR STOP X REP BDR STOP		X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE ACS ERR RST RNG OFF		X REP						
Target	HT CAS		HT CAS		HT CAS		HT CAS		X1636-536						
AOS(UT)	11:16:25		12:57:43		14:40:14		16:21:58		18:04:18						
LOS(UT)	11:30:04		13:11:48		14:52:53		16:34:16		18:14:08						
Max-El	39.018		Zenith		Zenith		38.649		10.877						
Time	11:23:02		—		—		16:27:39		18:08:39						
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)						
Rep-start	11:18:03		12:59:21/13:05:21		14:40:57/14:46:47		16:22:47		18:05:19						
DP-mode	OBS		OBS/ACS/OBS		OBS		OBS		OBS						
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing						
ACS-spn/ $\theta_s \phi_s$	19.62, 187.11		Night		Night		Night		Night						
Attitude	$\begin{bmatrix} 17.43421 \\ 30.11895 \\ 53.91497 \end{bmatrix}$		$\begin{bmatrix} 17.43421 \\ 30.11895 \\ 53.91497 \end{bmatrix}$		$\begin{bmatrix} 17.43421 \\ 30.11895 \\ 53.91497 \end{bmatrix}$		$\begin{bmatrix} 17.43421 \\ 30.11895 \\ 53.91497 \end{bmatrix}$		$\begin{bmatrix} 250.70918 \\ 144.05759 \\ 172.88189 \end{bmatrix}$						
OP-start(CE)	11:27:15 (00h)		Cont (08h)		Cont (18h)		Cont (18h)		Cont (28h)						
GIS HAM ERR	Normal		Normal		Normal		Normal		Normal						
ACS ERR	(SH)MOMCHG		(SH)MOMCHG		—		(SH)MOMCHG		—						
SIS-mode	Faint/Faint 0101/2323		Faint/Faint 0101/2323		Faint/Faint 0101/2323		Faint/Faint 0101/2323		Fast/Fast 1111/3333						
S0/1-TECT	-39.53/-39.58		-39.73/-39.72		-39.97/-39.92		-40.36/-40.26		-40.26/-40.40						
S0/1-CCDT	-61.67/-61.77		-61.62/-61.77		-61.62/-61.77		-61.62/-61.72		-61.62/-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	21cps/27cps		27cps/27cps		27cps/30cps		24cps/23cps		25cps/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	NO	3/4	48	159	218	18.6	19.1	385.69	184.12	6581
Pass: 940907-0723							3/4	40	159	218	13.1		402.73	180.18	6220
GIS Mode Changes: 10-8-8-5-0															

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.1/23.5	20.1/23.5	-4.16/4.75	-4.25/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/07 17:10	X1363-536	2	(250.2312 , -53.7514)	(250.5710 , 143.7090 , 173.0242)

Comment: 本日の運用:

The SIS count rate of HT Cas (US: Mukai) is 0.16 cps/sensor. Observed spectrum shows high temperature thermal spectrum with strong iron K line.

今日はきわめてひまな運用。先週の anti 5kpc arm の大 MNV 大会で star catalog の書き込み時に Q parameter を読みまくり Q パラジャンキーとなった金田君は一日にその機会が一回しかない運用では満足できないようだ。1pass 平均 3 個は Q parameter を読まないといがすまないとってます。そのせいか我々は受信の合間にやたら卓球に燃えています (岩澤)。

「いやー。しかし」を無意識に発することが多くなってきた (金田)。