

いのだが。(井上)

私がKSCに来て今日で1週間がたった。あと、1週間もある(しかない?)。今日も、つくつぼうしが鳴いていた。それでも、来た時よりは弱々しくなっているような気がする。(村上)

「あすか」 OPERATION REPORT Ver.1.5

Year 年 Year 93 10 月 8 日 Y+ 230 KSC 当番: 井上、村上

Vela X No.4/Kepler No.2/GX 5-1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	931008-0514	931008-0617	931008-0720	931008-0824	931008-0927					
Operation	X-REP SBR-A-RNG OP/OG-WRT OP-START ROG47h ROG48h ROG49h	X-REP SCT-WRT/CHK OBS-MODE HAM-ERR-RST	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG	X-REP					
Target	VELA X	VELA X	VELA X	VELA X	VELA X					
AOS(UT)	06:32:05	08:13:49	09:55:40	11:37:41	13:19:57					
LOS(UT)	06:45:05	08:26:45	10:08:20	11:49:28	13:29:52					
Max-El Time	31.227 06:38:25	74.87 08:19:56	Zenith —	44.568 11:43:08	13.304 13:24:18					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	06:33:38	08:14:54	09:56:37/10:02:08	11:38:35	13:20:48					
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s	21.86°	21.81°	night	night	night					
Attitude	$\begin{bmatrix} 128.624 \\ 135.271 \\ 16.609 \end{bmatrix}$	$\begin{bmatrix} 128.624 \\ 135.271 \\ 16.609 \end{bmatrix}$	$\begin{bmatrix} 128.625 \\ 135.272 \\ 16.609 \end{bmatrix}$	$\begin{bmatrix} 128.625 \\ 135.272 \\ 16.610 \end{bmatrix}$	$\begin{bmatrix} 128.624 \\ 135.272 \\ 16.609 \end{bmatrix}$					
OP-start(CE)	06:42:03 (00h)	Cont (07h)	Cont (10h)	Cont (16h)	Cont (1Ch)					
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333					
S0/1-TECT	-38.08/-38.07	-37.89/-37.92	-37.16/-37.24	-36.33/-36.51	-35.80/-35.93					
S0/1-CCDT	-61.71/-61.77	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81	-61.67/-61.77					
GIS-mode	PH	PH	PH	PH	PH					
GIS LD Hit	31cps/27cps	30cps/31cps	33cps/30cps	25ps/27cps	25cps/24cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
8 8 8 0 0	FLF	—	3/4	48	159 218	11.5 11.4	411.21	—	—	
Pass: S9310080514			3/4	40	159 218	6.0	427.26	—	—	

GIS Mode Changes: 8-8-8-0-0-7(Vela X No.4)→8-8-8-0-0-7(Kepler No.2)→10-8-8-5-0-0(GX 5-1)

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	-4.25/4.73	-4.34/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/08 15:51	Kepler No.2	4	(262.66 , -21.49)	(-97.11 , 111.41 , 177.84)
10/09 3:31	GX5-1	5	(270.29 , -25.08)	(-89.53 , 115.03 , 179.74)
			(,)	(, ,)

Comment: 本日の運用:

We performed the fourth observation of Vela X. The count rate was 1.3 c/sec/GIS and 0.7 c/sec/SIS. The spectrum is approximated with a power law with the photon index of about 1.8.

今日はさわやかな秋晴れ。受信など忘れてゆっくり散歩したい気分。しかし、そうもいかずに、SA テレメーターでもくもくと仕事。でも、「あすか」のデータを少しでもいじれるのが楽しい。たまっている雑用がなければもっとい