

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 3 月 27-28 日 Y+ 1131-1132 KSC 当番: S. Ueno and H. Fujiwara

Mkn 501#3, Cyg X-1#2, ε CrA

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	960327-1342	960327-1445	Passnum3	960328-0104	960328-0207												
Operation	X REP OP/OG-08 WRT TCU MEM MODE OP START	X REP SBR A RNG STC04-WRT/CHK OBS MODE RNG OFF	Yohkoh	X REP SBR A RNG CPU2/3 STOP/RST GIS MEM BAT-B TCL ON RNG OFF	X REP BAT-B TCL ON												
Target	Mkn 501#3	Mkn 501#3		Cyg X-1#2	Cyg X-1#2												
AOS(UT)	20:31:35	22:13:29		01:36:17	03:17:43												
LOS(UT)	20:43:48	22:25:22		01:48:15	03:28:40												
Max-El	24.385	66.967		51.399	16.764												
Time	20:37:35	22:18:46		01:41:34	03:22:38												
Rep-band(stat.)	X (Complete)	X (Complete)	()	X (Complete)	X (Complete)												
Rep-start	20:33:23	22:14:03		01:37:02	03:18:42												
DP-mode	OBS → TCU → OBS	OBS → ACS → OBS		OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing		Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	15.88/178.57	15.91/178.76		20.27/352.03	20.22/351.86												
Attitude	$\left[\begin{array}{c} 253.2569 \\ 50.3649 \\ 18.2574 \end{array} \right]$	$\left[\begin{array}{c} 253.2558 \\ 50.3667 \\ 18.2558 \end{array} \right]$	$\left[\begin{array}{c} \\ \\ \end{array} \right]$	$\left[\begin{array}{c} 299.3417 \\ 54.8171 \\ 346.1894 \end{array} \right]$	$\left[\begin{array}{c} 299.3415 \\ 54.8172 \\ 346.1896 \end{array} \right]$												
OP-start(CE)	20:40:47 (00h)	Cont (0Ah)	()	Cont (22h)	Cont (2Bh)												
GIS HAM ERR	—	—		—	—												
ACS ERR	(SH)MOMCHG → Reset	—		—	—												
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333		Bright/Bright 1111/3333	Bright/Bright 1111/3333												
S0/1-TECT	-35.36/-35.40	-35.80/-35.79		-36.14/-36.03	-36.67/-36.56												
S0/1-CCDT	-60.49/-60.17	-60.54/-60.22		-60.45/-60.03	-60.92/-60.45												
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)												
GIS LD Hit	25/25 cps	31/33 cps		251/280 cps	215/257 cps												
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT	Pk
10	8	8	5	0	FLF	No	3/4	48	159	218	18.0	18.0	381.20	824	9224	184.44	
Pass: 9603271342							3/4	40	159	218	12.5		399.93	750	9224	179.94	

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 1111/3333, LVL OFF for Mkn 501#3
Bright(bit-H/M), Faint during a pass, 1111/3333, LVL OFF for Cyg X-1#2
Faint(bit-H/M), 1111/3333, LVL OFF for ε CrA

GIS Mode Changes: PH 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
19.50/23.20	19.50/23.30	-4.64/4.77	-4.51/4.89	5.65/7.32	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/27 22:40	Cyg X-1#2	5	(299.5900 , 35.2017)	(299.3415 , 54.8165 , 346.1897)
3/28 11:40	ε CrA	6	(284.6792 , -37.1058)	(284.4340 , 127.1717 , 359.7880)

Comment: 本日の運用: We observed Mkn 501#3 (JPN, PI=H. Kubo). The counting rate is 1.6 counts/s (GIS, $r \leq 4'$). We observed Cyg X-1#2 (MUJ, PI=B. Philips). The counting rate is 62 counts/s (GIS, $r \leq 4'$).

ここに来て最初の 2、3 日は早く帰りたいと思いましたが、いざ帰る時になるともう少し居ても良いなあという気がします。慣れとは怖いものです (藤原)。

今日もあいにくの天気です。彗星が見られると期待して来たのに、残念。

藤原さん、お疲れ様でした (後藤)。

藤原君が帰るので M センター見学した。ロケットの胴体が格納されていた。思ったよりでかかった。屋上は高くて恐かった (上野)。