

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 5 月 29 日 Y+ 1194 KSC 当番: K. Matsushita and T. Toneri

MS1147.3+1103 → Cyg X-1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	960529-0927	960529-1031		960529-1237	960529-1341												
Operation	X-REP DE-0/1-FAINT OP/OG-02 WRT TCU-MEM BAT-B-TCR-OFF ACS-ERR-RST CPU2/3-STP CPU2/3-RST OP-START	X-REP SBR-A-RNG SCT-06(#1) WRT SCT-06 CHK OBS-MODE ACS-ERR-RST RNG-OFF	(YOHKOH)	X-REP SBR-A-RNG CPU2/3-STP CPU2/3-RST GIS-MEM RNG-OFF	X-REP CPU2/3-STP CPU2/3-RST DE-0-ADRS-ON												
Target	MS1147.3+1103	MS1147.3+1103		MS1147.3+1103	MS1147.3+1103												
AOS(UT)	13:15:59	14:57:39		18:20:07	20:01:27												
LOS(UT)	13:27:48	15:09:44		18:32:51	20:13:55												
Max-El	17.543°	54.051°		67.624°	26.238°												
Time	13:21:50	15:02:54		18:25:50	20:07:06												
Rep-band(stat.)	X (Complete)	X (Complete)	()	X (Complete)	X (Complete)												
Rep-start	13:17:16	14:58:14		18:20:42	20:02:14												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS		OBS/GIS/OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing		Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	—/—	—/—		14.63°/179.96°	14.53°/179.96°												
Attitude	$\begin{bmatrix} 177.7196^\circ \\ 79.1889^\circ \\ 153.8358^\circ \end{bmatrix}$	$\begin{bmatrix} 177.7196^\circ \\ 79.1889^\circ \\ 153.8358^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 177.7196^\circ \\ 79.1889^\circ \\ 153.8358^\circ \end{bmatrix}$	$\begin{bmatrix} 177.7196^\circ \\ 79.1889^\circ \\ 153.8358^\circ \end{bmatrix}$												
OP-start(CE)	13:24:34 (00h)	Cont (0Ch)	()	Cont (23h)	Cont (2Fh)												
GIS HAM ERR	ERR → Reset	—		—	ERR → Reset												
ACS ERR	(SH)MOMCHG → Reset	(SH)MOMCHG → Reset		—	—												
SIS-mode	Faint/Faint 1212/3030	Faint/Faint 1212/3030		Faint/Faint 1212/3030	Faint/Faint 1212/3030												
S0/1-TECT	−42.49/−42.25°C	−42.20/−42.01°C		−42.40/−42.25°C	−42.74/−42.59°C												
S0/1-CCDT	−61.62/−61.77°C	−61.67/−61.77°C		−61.62/−61.77°C	−61.62/−61.72°C												
GIS-mode	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)		PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)												
GIS LD Hit	26/23 cps	30/26 cps		29/29 cps	28/26 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	2	3/4	48	159	218	17.5	18.0	377.73	1554	16538	184.11	
Pass: 960529-0927							3/4	40	159	218	11.5		406.44	1416	16538	180.25	

SIS Mode Changes: Faint(bit-H), Bright(bit-M) 1212/3030, LVL OFF, ADR On for MS1147.3+1103
Bright 1111/3333(bit-H/M), LVL OFF, ADR OFF for Cyg X-1

GIS Mode Changes: PH 10-8-8-5-0-0 for MS1147.3+1103, PH 10-6-6-5-0-4 for Cyg X-1

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.80/23.20	19.80/23.30	-4.55/4.98	-4.73/4.82	7.61/9.32	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
05/30 05:50	Cyg X-1	1	(299.5899° , 35.2017°)	(299.4526° , 54.9352° , 34.0702°)

Comment: 本日の運用: We observed MS1147.3+1103(PI=HENRY,MUJ). The count rate was 0.03 c/s/1SIS ($r < 4'$) and 0.2 c/s/1GIS ($r < 4'$).

今日は何のトラブルもなく、ささいなミスをすることもなく無事に終わりました。計算機室の寒さが今日はいれしかなかったりします。(松下)ようやく雨がやみました。運用が夜中なので、最近では A81 にもお世話になってます。(戸練)