

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 09 月 08 日 Y+ 2391 KSC 当番: N.Ota and D.Yonetoku

CLUMP_2 → BSD24-491

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	990908-0101	990908-0204	990908-0308	990908-0411	990908-0514
Operation	X-REP OP/OG-12 WRT TCU-MEM OP-START 05 BAT-B-TCL- ON	X-REP SBR-A-RNG STAR-01 WRT S-CTLG-CHK OBSERVE BAT-A-TCL- ON RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP
Target	CLUMP_2	CLUMP_2	CLUMP_2	CLUMP_2	CLUMP_2
AOS(UT)	00:15:21	01:56:24	03:36:29	05:17:32	06:58:03
LOS(UT)	00:27:13	02:08:11	03:49:00	05:29:42	07:09:30
Max-El	20.34°	60.65°	Zenith	57.78°	19.98°
Time	00:21:06	02:01:29	—	05:22:54	07:03:20
Rep- band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	00:17:04	01:57:05	03:37:03/03:42:49	05:18:19	06:59:06
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing
SUN-pos θ_s/ϕ_s	14.18°/199.40°	14.10°/199.50°	14.03°/199.61°	13.98°/199.69°	13.91°/199.79°
Attitude	$\begin{bmatrix} 268.22111^\circ \\ 116.56171^\circ \\ 175.16132^\circ \end{bmatrix}$	$\begin{bmatrix} 268.22084^\circ \\ 116.56130^\circ \\ 175.16077^\circ \end{bmatrix}$	$\begin{bmatrix} 268.22085^\circ \\ 116.56118^\circ \\ 175.16090^\circ \end{bmatrix}$	$\begin{bmatrix} 268.22077^\circ \\ 116.56080^\circ \\ 175.15826^\circ \end{bmatrix}$	$\begin{bmatrix} 268.22038^\circ \\ 116.56097^\circ \\ 175.16058^\circ \end{bmatrix}$
OP-start(CE)	00:24:07 (01h)	Cont (0Ah)	Cont (16h)	Cont (20h)	Cont (2Ah)
GIS HAM ERR	—	—	—	—	—
ACS ERR	—	—	—	—	—
SIS-mode	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333	Fnt/Fnt 111/3333	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333
S0/1-TECT	-36.53/ — 36.71°C	-36.72/ — 36.90°C	-36.58/ — 36.76°C	-35.85/ — 36.08°C	-35.12/ — 35.40°C
S0/1-CCDT	-60.82/ — 60.69°C	-61.20/ — 61.06°C	-61.38/ — 61.20°C	-61.43/ — 61.30°C	-61.34/ — 61.20°C
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	21.3/21.9 c s ⁻¹	32.3/27.9 c s ⁻¹	29.3/30.4 c s ⁻¹	30.2/30.9 c s ⁻¹	25.4/25.0 c s ⁻¹

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	0	3/4	48	159	218	18.0	17.4	368.41	717	14760	184.37
Pass: 990908-0101							3/4	40	159	218	12.0		389.95	552	14760	179.55

SIS Mode Changes:	CLUMP_2	1CCD(1111/3333)	F/F, LD ON(0.55keV), AD OF
	BSD24-491	1CCD(1111/3333)	B/B, LD OF(0.55keV), AD OF

GIS Mode Changes:	CLUMP_2	PH(10-8-8-5-0)
	BSD24-491	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
18.70/23.20	18.80/23.30	-4.86/4.75	-5.33/4.91	4.82/8.74	4.27/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
09/08 18:12	BSD24-491	2	(70.2396, 44.5228)	(69.9903, 45.5784, 10.8029)

Comment: 本日の運用: ASCA observed CLUMP_2(PI:H.Murakami(JPN)). The averaged counting rates were 0.015

counts/sec for the GIS and 0.014 counts/sec for the SIS.

71号機の打ち上げは、悪天候のため延期されました。明日は2pass目がお休みなので、天候が回復すればその時間帯にもう一度見学できそうです。(太田)

2回も見ることができたら、Ultra Luckyですね。晴れたらいいな。そうしたら、みんなの分も見てきます。(米徳)