

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 08 月 03 日 Y+ 1260 KSC 当番: M. Itoh and K. Misaki

Loc_Gr_Halo_1 → Loc_Gr_Halo_2 → Loc_Gr_Halo_3 → Loc_Gr_Halo_4 → M32_2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960803-0412	960803-0515	960803-0619	960803-0722	960803-0825											
Operation	X-REP OP/OG-13 WRT TCU-MEM ACS-ERR-RST OP-START	X-REP SBR-A-RNG STAR-05 WRT S-CTLG-CHK OBSERVE ACS-ERR-RST CPU2/3-STOP CPU2/3-RST RNG-OFF	X-REP SIS[62,08,00,BE] BDR-STOP X-REP DE-0-ADRS-OF BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST DE-0-ADRS-OF GIS-MEM ACS-ERR-RST RNG-OFF	X-REP ACS-ERR-RST											
Target	Loc_Gr_Halo_1	Loc_Gr_Halo_1	Loc_Gr_Halo_1	Loc_Gr_Halo_1	Loc_Gr_Halo_2											
AOS(UT)	05:42:02	07:23:39	09:05:02	10:46:46	12:28:38											
LOS(UT)	05:55:16	07:36:47	09:18:25	10:59:57	12:40:08											
Max-El	30.484°	74.061°	Zenith	49.393°	16.153°											
Time	05:48:18	07:29:37	—	10:52:37	12:33:43											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	05:43:44	07:24:28	09:06:02/09:11:51	10:47:32	12:29:21											
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS	OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing											
SUN-pos θ_s/ϕ_s	12.47° / 175.79°	12.52° / 175.93°	12.56° / 176.07°	12.61° / 176.20°	13.14° / 175.90°											
Attitude	$\begin{bmatrix} 12.89189^\circ \\ 53.71741^\circ \\ 33.76440^\circ \end{bmatrix}$	$\begin{bmatrix} 12.89195^\circ \\ 53.71726^\circ \\ 33.76394^\circ \end{bmatrix}$	$\begin{bmatrix} 12.89175^\circ \\ 53.71713^\circ \\ 33.76487^\circ \end{bmatrix}$	$\begin{bmatrix} 12.89173^\circ \\ 53.71696^\circ \\ 33.76623^\circ \end{bmatrix}$	$\begin{bmatrix} 12.89009^\circ \\ 54.51699^\circ \\ 33.90441^\circ \end{bmatrix}$											
OP-start(CE)	05:52:12 (00h)	Cont (0Ah)	Cont (15h)	Cont (1Eh)	Cont (30h)											
GIS HAM ERR	—	ERR → Reset	—	ERR → Reset	—											
ACS ERR	(SH)MOMCHG → Reset	(SH)MOMCHG → Reset	—	(SH)MOMCHG → Reset	(SH)MOMCHG → Reset											
SIS-mode	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030											
S0/1-TECT	−36.09/−36.32°C	−35.85/−35.98°C	−35.32/−35.44°C	−34.59/−34.62°C	−33.91/−33.94°C											
S0/1-CCDT	−61.62/−61.58°C	−61.62/−61.72°C	−61.62/−61.72°C	−61.57/−61.62°C	−61.43/−61.39°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	23/25 cps	26/26 cps	31/31 cps	27/28	28/27 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	15.8	16.3	378.30	883	10064	184.13
Pass: 960803-0412							3/4	40	159	218	10.9		407.19	807	10064	180.13

SIS Mode Changes: Faint(bit-H,M) 1212/3030, ADR On/Off LVL On(bit-M)/Off(bit-H) for Loc_Gr_Halo_1 to 4
Faint(bit-H,M) 1111/3333, ADR Off LVL Off for M32_2

GIS Mode Changes: PH 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.20/23.30	19.20/23.30	-4.34/4.75	-4.55/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/03 12:10	Loc_Gr_Halo_2	3	(13.0000 , 35.7000)	(12.8902 , 54.5185 , 33.9045)
08/03 21:30	Loc_Gr_Halo_3	4	(12.5000 , 35.0000)	(12.3913 , 55.2170 , 34.2837)
08/04 10:30	Loc_Gr_Halo_4	5	(12.000 , 34.3000)	(11.8991 , 55.9184 , 34.7202)
08/04 22:01	M32_2	6	(10.6742 , 40.8644)	(10.5260 , 49.3058 , 37.4871)

Comment: 本日の運用: Blank sky regions toward M31 and M33 were observed in search for a possible hot halo of the local group of galaxies (PI=K.Makishima: JPN). Loc_Gr_Halo の観測は、SIS に対して bit-M 時のみ 0.55keV の LVL Discr の指定でしたが、QL の計数率をみて第3周で S1C0 の設定を 0.6keV に上げました。昨日から、衛星姿勢の関係で SIS TEC および GIS/RBM の温度が高めになっています。今日は宇宙研の一般公開だったようで、関係者の方々ご苦勞さまでした。内之浦では近々宇宙少年サミットという催しが開かれるようです(伊藤)。宇宙少年サミットに参加するともちろん「素敵な宇宙グッズ」が貰えるそうです。「素敵な宇宙グッズ」って、、、何だろ。それはそうと、今日はすごくいい天気で K S C から種子島が見えました。(みさき)