

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 12 月 12 日 Y+ 1391 KSC 当番: F.Akimoto and N.Nakajo

A2811_offset → 4C06.41_1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	961212-0826	961212-0929	961212-1032	961212-1136												
Operation	X-REP OP/OG-02 WRT TCU-MEM CPU2/3-STOP CPU2/3-RST OP-START	X-REP SBR-A-RNG STAR-03 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP DP-BC-ENA 60 F0 44 DP-BC-EXEC	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	(YOHKOH)											
Target	A2811_offset	A2811_offset	A2811_offset	A2811_offset												
AOS(UT)	12:35:27	14:17:21	15:58:10	17:40:07												
LOS(UT)	12:47:45	14:29:24	16:10:48	17:52:08												
Max-El	18.491°	54.218°	Zenith	65.253°												
Time	12:41:39	14:22:46	—	17:45:34												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	()											
Rep-start	12:36:58	14:17:58	15:59:14/16:04:46	17:40:44												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	—/—	—/—	—/—	—/—												
Attitude	$\begin{bmatrix} 10.24436^\circ \\ 118.65392^\circ \\ 195.28742^\circ \end{bmatrix}$	$\begin{bmatrix} 10.24368^\circ \\ 118.65412^\circ \\ 195.28597^\circ \end{bmatrix}$	$\begin{bmatrix} 10.24360^\circ \\ 118.65391^\circ \\ 195.28634^\circ \end{bmatrix}$	$\begin{bmatrix} 10.24360^\circ \\ 118.65383^\circ \\ 195.28368^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$											
OP-start(CE)	12:44:30 (00h)	Cont (0Dh)	Cont (1Bh)	Cont (28h)	()											
GIS HAM ERR	ERR→Reset	OK	OK	ERR→Reset												
ACS ERR	—	—	—	—												
SIS-mode	Faint 3333/1111	Faint 3333/1111	Faint 3333/1111	Faint 3333/1111												
S0/1-TECT	−34.49/−34.33°C	−34.54/−34.42°C	−34.39/−34.28°C	−34.64/−34.57°C												
S0/1-CCDT	−61.38/−61.02°C	−61.34/−61.02°C	−61.24/−60.87°C	−61.15/−60.69°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)												
GIS LD Hit	28/26 cps	34/29 cps	31/30 cps	31/33 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	15.8	385.05	247	4094	184.28
Pass: 961212-0826							3/4	40	159	218	9.8		406.91	225	4094	180.44
SIS Mode Changes: A2811_offset F/F (LD ON(0.48keV)/OFF, AD ON)→ 4C06.41_1 F/F (LD ON(0.41keV)/OFF, AD OFF)																
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	-4.90/5.07	-4.94/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
12/13 09:00	4C06.41_1	2	(160.3217, 6.1714)	(160.1152, 83.8200, 338.5787)

Comment: 本日の運用: ASCA observed A2811_offset (PI=T.Tamura[JPN], CG, 50ksec). The count rate was 0.0072 c/s/GIS($r < 6$ arcmin.)(background roughly subtracted) and 0.013 c/s/SIS0($r < 3$ arcmin.), respectively. These photons are from A2804, which has double peak. GIS : $kT = 1.68$ keV, Abundance=0.05, luminosity 6.68×10^{42} erg/sec($z=0.1$). SIS(no background subtracted) : 3.00×10^{45} erg/sec($z=0.1$).

We can see the other peak in GIS image. This position is about $(\alpha, \delta) = (00h40m50s, -29d02m30s)$. What is this?
3pass 中の DP-BC-ENA/DP-BC-EXEC の時刻が 16:09:10:00 と消感予定時刻 (10:25) 直前だったので、少し早めました。
(秋元)

要領が揃ってきたので、だいぶスムーズに進むようになりました。次回は、初めて 5 パスあるので大変そうです。(中条)