「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 12 月 13 日　Y+ 1392　KSC 当番: F.Akimoto and N.Nakajo

4C06.41_1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	961213–0826	961213–0929	961213–1032	961213–1136	961213–1239
Operation	X-REP OP/OG-06 WRT TCU-MEM ACS-ERR-RST CPU2/3-STOP CPU2/3-RST OP-START	X-REP SBR-A-RNG ACS-ERR-RST 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 ACS-ERR-RST
Target	4C06.41_1	4C06.41_1	4C06.41_1	4C06.41_1	4C06.41_1
AOS(UT)	12:30:58	14:13:05	15:53:54	17:35:53	19:17:18
LOS(UT)	12:43:37	14:24:48	16:06:32	17:47:50	19:28:08
Max-El	24.934°	66.280°	Zenith	53.146°	17.021°
Time	12:37:15	14:18:27	—	17:41:15	19:22:16
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	12:32:29	14:13:31	15:54:35/16:00:37	17:36:25	19:18:03
DP-mode	OBS/TCU/OBS	OBS	OBS	OBS/GIS/OBS	OBS
ACS-mode	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing	Normal–Pointing
SUN-pos θ_S/ϕ_S	—/—	—/—	—/—	—/—	—/—
Attitude	160.11550° 83.82215° 338.57850°	160.11557° 83.82284° 338.57858°	160.11493° 83.82195° 338.57855°	160.11507° 83.82200° 338.57876°	160.11547° 83.82202° 338.57816°
OP-start(CE)	12:40:39 (00h)	Cont (09h)	Cont (13h)	Cont (1Dh)	Cont (27h)
GIS HAM ERR	ERR→Reset	OK	OK	OK	OK
ACS ERR	(SH)MOMCHG →Reset	(SH)MOMCHG →Reset	—	—	(SH)MOMCHG →Reset
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333
S0/1-TECT	−33.42/−33.60°C	−33.38/−33.55°C	−33.18/−32.58°C	−33.47/−33.65°C	−33.86/−33.99°C
S0/1-CCDT	−60.78/−60.45°C	−60.49/−60.26°C	−60.17/−59.94°C	−59.84/−59.61°C	−59.70/−59.47°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	25/25 cps	25/23 cps	27/28 cps	28/28 cps	26/27 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	1	3/4	48	159	218	17.5	17.4	380.54	706	10046	184.06
Pass: 961213–0826							3/4	40	159	218	11.5		409.82	650	10046	180.01

SIS Mode Changes: 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
19.00/23.30	19.00/23.30	−5.03/4.75	−4.94/4.99	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)

Comment: 本日の運用: *ASCA* observed 4C06.41_1 (PI=N.Yamasaki[JPN], AGN, 100ksec). The count rate was 0.03 c/s/GIS(r<4arcmin.) and 0.05 c/s/SIS0(r<3arcmin.)(background roughly subtracted), respectively. GIS : PhoIndex=1.68, n_H=2.26 × 10^{21}, luminosity 7.55 × 10^{46} erg/sec(z=1.97). SIS : PhoIndex=1.50, n_H=0, 5.85 × 10^{46} erg/sec(z=1.97). 4C06.41 is superposed the galaxy(z=0.458), therefore the 4.44keV egde of Neutral iron is expected, but it was not clear for 30ksec. And luminosity is over-estimated because it was calculated by z=1.97
4pass 中の (SH)MOMCHG が「elevation 10°」という声がした後表示されましたが、ちゃんと reset されました。（秋元）
QL 解析で手間取ると、貴重なすいみん時間が削られるので必死にやっています。その他、食事がおいしい。運用室が寒い。（中条）