

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 10 月 21 日 Y+ 1339 KSC 当番: K.Torii and H.Ezuka

Aquila_X-1

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	961021-0929	961021-1033	961021-1136	961021-1239	961021-1343												
Operation	X-REP OP/OG-07 WRT TCU-MEM OP-START	X-REP SBR-A-RNG 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	Aquila_X-1	Aquila_X-1	Aquila_X-1	Aquila_X-1	Aquila_X-1												
AOS(UT)	14:19:30	16:01:16	17:42:00	19:23:46	21:05:07												
LOS(UT)	14:31:53	16:13:42	17:55:12	19:36:42	21:17:17												
Max-El	21.252°	61.436°	Zenith	60.732°	22.173°												
Time	14:25:31	16:06:37	—	19:29:32	21:10:44												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	14:20:41	16:01:59	17:42:47/17:48:33	19:24:32	21:05:35												
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	—/—	—/—	—/—	11.06°/321.14°	11.14°/321.29°												
Attitude	$\begin{bmatrix} 288.00493^\circ \\ 89.33424^\circ \\ 184.09785^\circ \end{bmatrix}$	$\begin{bmatrix} 288.00511^\circ \\ 89.33451^\circ \\ 184.09791^\circ \end{bmatrix}$	$\begin{bmatrix} 288.00495^\circ \\ 89.33433^\circ \\ 184.09801^\circ \end{bmatrix}$	$\begin{bmatrix} 288.00550^\circ \\ 89.33433^\circ \\ 184.09765^\circ \end{bmatrix}$	$\begin{bmatrix} 288.00571^\circ \\ 89.33420^\circ \\ 184.09737^\circ \end{bmatrix}$												
OP-start(CE)	14:28:41 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (28h)												
GIS HAM ERR	OK	OK	OK	OK	OK												
ACS ERR	—	—	—	—	—												
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333												
S0/1-TECT	−33.42/−32.58°C	−33.76/−33.65°C	−34.35/−34.23°C	−35.36/−35.25°C	−36.29/−36.17°C												
S0/1-CCDT	−59.74/−59.42°C	−59.93/−59.56°C	−60.07/−59.66°C	−60.35/−59.89°C	−60.78/−60.31°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	24/25 cps	28/28 cps	30/29 cps	30/29 cps	23/22 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	0	3/4	48	159	218	16.9	16.3	371.70	335	4606	184.09	
Pass: 961021-0929							3/4	40	159	218	10.9		404.32	268	4606	179.94	

SIS Mode Changes: F/B 1111/3333 (LD 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
19.10/23.30	19.10/23.30	-4.90/4.75	-5.03/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
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Comment: 本日の運用:

ASCA observed a low mass X-ray binary, Aquila X-1 (PI: Robinson, USJ). The counting rate was 0.036 c/s/SIS0 and 0.014 c/s/GIS2+3, respectively.

今日はマヌーバもなく、ACS と GIS のエラーもまったくなく、平穏な運用でした。これから昼食をいただきます。こちらの食事は大変おいしいのですが、大阪のまほろば亭と奈良のベティーズ・キッチン味の忘れられないです。(鳥居)
定量的な表現は避けろと鳥居さんが言うので、そのようにします。今日の Aqu X-1 は、我々の予想に反して「すどおく」暗かったです。で、スペクトルは「かぁなり」ソフトです。(江塚)