

(1' radius) ~ 0.015 c/sec/GIS (4' radius) (including BGD). 10 月 12 日、相模原から KSC にコマンドチェックファイルが届かなかった件につき、原因は宇宙研運用室のプロテオン (astronet の gateway) のハングアップで、プロテオンのリスタートによって回復した旨、藤本君が連絡してくれました。今後の参考にして下さい (伊藤)。この 3 日間、photon 数が少なくスペクトルフィットが味気ない (窪)。

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 19 日 Y+ 605 KSC 当番: M.Itoh、H.Kubo

PSR1929+10 / CH Cyg

	PASS 1			PASS 2			PASS 3			PASS 4			PASS 5		
Pass No.	941018-1030			941018-1134			941018-1237			941018-1340			941018-1444		
Operation	X REP RNG A OP/OG-15 WRT TCU MEM MODE ERR CODE RST OP START RNG OFF			X REP S-CTLG-01 WRT S-CTLG CHK OBSERVE MODE			X REP BDR STOP X REP BDR STOP			X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MOD RNG OFF			X REP		
Target	PSR1929+10			PSR1929+10			PSR1929+10			PSR1929+10			PSR1929+10		
AOS(UT)	14:53:15			16:34:38			18:16:25			19:58:18			21:40:25		
LOS(UT)	15:06:24			16:48:06			18:29:50			20:11:12			21:51:20		
Max-El Time	33.638 14:59:29			77.394 16:40:55			Zenith ——			45.796 20:04:08			14.428 21:45:16		
Rep-band(stat.)	X (Complete)			X (Complete)			X (Complete)			X (Complete)			X (Complete)		
Rep-start	14:54:36			16:35:44			18:17:36/18:23:20			19:59:50			21:41:02		
DP-mode	OBS			OBS/ACS/OBS			OBS			OBS			OBS		
ACS-mode	Normal-Pointing			Normal-Pointing			Normal-Pointing			Normal-Pointing			Normal-Pointing		
ACS-spn/ θ_s ϕ_s	—, —			—, —			3.28, 119.16			3.21, 118.80			3.16, 118.21		
Attitude	$\begin{bmatrix} 293.2353 \\ 78.9015 \\ 192.3438 \end{bmatrix}$			$\begin{bmatrix} 293.2355 \\ 78.9018 \\ 192.3438 \end{bmatrix}$			$\begin{bmatrix} 293.2354 \\ 78.9017 \\ 192.3437 \end{bmatrix}$			$\begin{bmatrix} 293.2355 \\ 78.9018 \\ 192.3444 \end{bmatrix}$			$\begin{bmatrix} 293.2357 \\ 78.9016 \\ 192.3440 \end{bmatrix}$		
OP-start(CE)	15:03:34 (00h)			Cont (08h)			Cont (10h)			Cont (19h)			Cont (22h)		
GIS HAM ERR	Normal			Normal			Normal			Normal			Normal		
ACS ERR	(SH)MOMCHG			———			———			——			——		
SIS-mode	Faint/Faint 1111/3333			Faint/Faint 1111/3333			Faint/Faint 1111/3333			Faint/Faint 1111/3333			Faint/Faint 1111/3333		
S0/1-TECT	-35.36/-35.15			-35.32/-35.10			-35.65/-35.4			-36.43/-36.22			-37.40/-37.10		
S0/1-CCDT	-61.57/-61.44			-61.48/-61.30			-61.43/-61.20			-61.53/-61.25			-61.62/-61.48		
GIS-mode	PH(8-6-6-5-0)			PH(8-6-6-5-0)			PH(8-6-6-5-0)			PH(8-6-6-5-0)			PH(8-6-6-5-0)		
GIS LD Hit	26cps/25cps			29cps/30cps			29cps/29cps			26cps/27cps			22cps/22cps		
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
8	6	6	5	0	FLF	NO	3/4	48	159	218	13.6	13.6	397.07	183.81	4835
Pass: 941018-1030							3/4	40	159	218	8.7		418.92	181.06	4549
GIS Mode Changes: PH 8-6-6-5-0 (PSR1929+10) -> PH 10-8-8-5-0 (CH Cyg)															

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.90/23.50	19.90/23.50	-4.42/4.75	-4.64/4.76	4.82/8.74	4.82/8.17

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
10/19 8:00	CH Cyg	1	(291.1375 , 50.2414)	(291.4251 , 39.6745 , 186.2889)

Comment: 本日の運用:

Observation of PSR1929+10 continues (US,PI:Helfand). More data were dumped at KSC due to the maintenance at Goldstone, which made the source clearer than yesterday. The counting rates are ~ 0.006 c/sec/SIS