

GX9+9 はやたらと明るいソースで、イベントファイルを作るのにとてつもなく時間がかかってしまう。強度が強い
せいか GIS3 のスペクトルは 3keV 以下で 1 ビンおきにがたがたになってしまった（解析ソフトのバグでしょうか？）。
今日は瀧澤君が夕食にバーベキューを作ってくれて、硬いご飯さえもとても美味しい。（吉田 K）
多謝 to Greg さん (瀧澤)

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 25/26 日 Y+ 398/399 KSC 当番: 吉田 K 、 瀧澤、 G.Zylstra

GX9+9 → 4U1624-49 → NGC6240

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940325-1341	940325-1444	940325-1548	940326-0103	940326-0207					
Operation	X REP SBR A RNG OP/OG WT/CK ERR CODE RST ((SH)MOMCHG) RNG OFF OP START	X REP S-CTLG WT/CK OBS-MODE	X REP BDR STOP X REP BDR STOP	X REP SBR A RNG CPU 2/3 RESET CPU 2/3 START RNG OFF	X REP					
Target	GX9+9	GX9+9	GX9+9	GX9+9	GX9+9					
AOS(UT)	20:15:16	21:56:49	23:38:24	01:20:02	03:02:08					
LOS(UT)	20:27:35	22:09:19	23:51:04	01:32:26	03:12:21					
Max-El Time	32.668 20:21:02	78.343 22:02:26	Zenith —	42.075 01:25:32	13.175 03:06:44					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	20:16:34	21:57:32	23:39:06/23:44:54	01:20:40	03:02:44					
DP-mode	OBS	OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	12.36°, 163.22°	12.45°, 163.57°	12.50°,163.64°	12.55°, 163.70°	12.64°, 163.95°					
Attitude	$\begin{bmatrix} 262.7324 \\ 107.0329 \\ 1.9286 \end{bmatrix}$	$\begin{bmatrix} 262.7321 \\ 107.0326 \\ 1.9283 \end{bmatrix}$	$\begin{bmatrix} 262.7323 \\ 107.0330 \\ 1.9298 \end{bmatrix}$	$\begin{bmatrix} 262.7319 \\ 107.0332 \\ 1.9290 \end{bmatrix}$	$\begin{bmatrix} 262.7320 \\ 107.0332 \\ 1.9289 \end{bmatrix}$					
OP-start(CE)	20:24:44 (00h)	Cont (07h)	Cont (0Fh)	Cont (17h)	Cont (1Dh)					
SIS-mode	Bright/Bright 1111/3333	Bright/Bright 1111/3333	Bright/Bright 1111/3333	Bright/Bright 1111/3333	Bright/Bright 1111/3333					
S0/1-TECT	-36.62/-36.47	-36.82/-36.71	-36.77/-36.61	-36.82/-36.66	-36.67/-36.51					
S0/1-CCDT	-61.57/-61.25	-61.57/-61.20	-61.48/-61.11	-61.53/-61.06	-61.53/-61.11					
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	144cps/178cps	154cps/173cps	158cps/185cps	153cps/182cps	159cps/185cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10 8 8 5 0	FLF	1	3/4	48	159 218	18.6 18.0		387.92	184.09	799
Pass: 9403251341			3/4	40	159 218	12.5		400.32	179.99	701
GIS Mode Changes: NONE										

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.00/23.40	20.00/23.50	-4.21/4.75	-4.38/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
03/26 08:00	4U1624-49	1	(247.0083 , -49.1983)	(246.6968 , 139.1709 , 333.2031)
03/27 08:00	NGC6240	2	(253.2450 , 2.4025)	(253.0506 , 87.6638 , 359.8122)

Comment: 本日の運用:

ASCA observed the very bright LMXRB GX9+9, obtaining 70 cts/s/GIS and 80 cts/s/SIS. The spectrum is soft. A powerlaw with partial covering fit to the spectrum yielded a photon index of 2.

Thanks to Yoshida-san and Takky for making my stay at KSC very enjoyable. Arigato gozaimashita! (G.Zylstra)