

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 9 月 27 日 Y+ 948 KSC 当番: H. Negoro and T. Miyazaki

Gal. Ridge #3 → ESO 103-G35 → PKS 0521-365 #2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	950926-0928	950926-1032	950926-1135	950926-1239	950926-1342												
Operation	X REP OP/OG 12 WRT TCU MEM MODE OP START	(YOHKOH)	X REP STAR-02 WRT S-CTLG CHK OBSERVE MODE BDR STP X REP BDR STP	(YOHKOH)	X REP SBR-A RNG CPU STP/RST GIS MEM MODE RNG OFF												
Target	Gal. Ridge #3		Gal. Ridge #3		ESO 103-G35												
AOS(UT)	13:56:47		17:19:19		20:42:25												
LOS(UT)	14:08:36		17:32:07		20:54:12												
Max-El Time	16.901 14:02:41		Zenith —		24.341 20:47:48												
Rep-band(stat.)	X (Complete)	()	X (Complete)	()	X (Complete)												
Rep-start	13:57:55		17:20:24/17:25:44		20:43:15												
DP-mode	OBS→TCU→OBS		OBS→ACS→OBS		OBS→GIS→OBS												
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing												
SUN-pos θ_s/ϕ_s	— / —		— / —		8.77 / 100.47												
Attitude	$\begin{bmatrix} 265.0734 \\ 121.2658 \\ 173.2213 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 265.0734 \\ 121.2658 \\ 173.2213 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 279.9868 \\ 155.3118 \\ 195.3570 \end{bmatrix}$												
OP-start(CE)	14:05:15 (00h)	()	Cont (15h)	()	Cont (34h)												
GIS HAM ERR	Normal		Normal		Err → Normal												
ACS ERR	—		—		—												
SIS-mode	Faint 0123/2301		Faint 0123/2301		Faint 1111/3333												
S0/1-TECT	-38.61/-38.56		-39.10/-38.85		-40.50/-40.21												
S0/1-CCDT	-61.67/-61.77		-61.67/-61.77		-61.67/-61.77												
GIS-mode	PH(10-8-8-5-0)		PH(10-8-8-5-0)		PH(10-8-8-5-0)												
GIS LD Hit	24/27 cps		29/27 cps		28/25 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	No	3/4	48	159	218	13.6	13.6	393.44	1572	15044	183.64	
Pass: 950926-0928							3/4	40	159	218	7.6		418.40	1397	15044	180.98	

SIS Mode Changes: F/B 0123/2301 Level Discr 0.55 keV Area Discr On for Gal. Ridge #3
F/B 1111/3333 Level Discr 0.41 keV for ESO 103-G35 and PKS 0521-365 #2

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
19.50/23.20	19.50/23.10	-4.72/4.75	-4.21/4.78	6.20/7.04	11.96/13.48

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
9/26 20:06	ESO 103-G35	1	(279.5842 , -65.4281)	(279.9868 , 155.3118 , 195.3570)
9/27 08:20	PKS 0521-365 #2	2	(80.7416 , -36.4586)	(80.4753 , 126.5130 , 350.4426)

Comment: 本日の運用: Galactic-Ridge position # 3 was observed. No obvious point sources were found. GIS and SIS spectra showed that all the regions were full with very hot gas. Counting rate within 6 arcmin radius of GIS 2+3 is 0.04 c/s, and that of S0C1 0.05 c/s (whole chip). While, only 0.8 ksec exposure of ESO 103-G35 have revealed a heavily absorbed spectrum of this source. Counting rate of this source is 0.1 c/s for GIS 2+3 (within 4 arcmin radius) and 0.2 c/s for S0C1 (including BGD).

K S C のすぐ近くの沖縄で、米軍人の素行が T V で盛んに取り上げられており、沖縄の人達の「本土の人にはわからない。」という声を度々耳にする。戦後生まれの私にとって、沖縄もこの鹿児島も何ら違わないので、これらの発言は奇妙に聞こえる。しかし、これまでの沖縄の歴史を思い出すと心が痛む。(根来)

UT の午前 6 時に起きて同午後 1 2 時に寝るという「イギリス人なみの生活」にもようやくなれてきたようです。KSC を含む最近の経験から、この業界でうまくやっていくための秘訣が「自分が人間であるということを忘れる」ことだと、ようやく分かってきました。(宮崎)