

Comment: 本日の運用:

We are observing a distant quasar, S5 0014+813. Counting rates are 0.05 c/sec/GIS and 0.10 c/sec/SIS (including BGD). The spectrum PL with photon index of ~ 1.4 .

Rev.4 のアンテナ反転後、side lobe に入り、再捕捉に時間がかかったのと、MS が hang up したために、Rep 再開が遅れた。結果的には消感直前に再生が終了した。MS の hung up の原因については、RAM の不良とわかっており、代替品が届き次第交換の予定。昨年7月以来の KSC です。村上さんに聞いたとおり、上位 bit の仕事が増えています。（伊藤）

今日は寝むたさとの戦いでした。大きなミスをしなくてほっとしています。（富田）

消感します（小賀坂）。

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 08 日 Y+ 594/595 KSC 当番: Y.Ogasaka, M.Itoh、
H.Tomida

NGC1569/S5 0014+813/W50 west lobe/SS433/W44PT2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	941007-1238	941007-1341	941007-1445	941007-1548	941008-0104					
Operation	X REP OP/OG-02 WRT TCU MEM MODE ERRCODE RST OP START	X REP RNG A STAR-05 WRT S CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP BDR STOP X REP	X REP RNG A CPU2 STOP CPU3 STOP CPU2 RST CPU3 RST GIS MEM MODE RNG OFF					
Target	NGC1569	NGC1569	S5 0014+813	S5 0014+813	S5 0014+813					
AOS(UT)	18:46:02	20:26:37	22:08:20	23:50:01	01:31:40					
LOS(UT)	18:56:58	20:39:29	22:20:49	00:02:30	01:43:42					
Max-El Time	11.616 18:51:37	38.62 20:32:44	Zenith -----	Zenith -----	35.904 01:37:10					
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)					
Rep-start	18:46:59	20:27:45	22:09:07/22:14:56	23:50:47/23:58:25	01:32:23					
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	19.73, 184.30	19.78, 184.43	14.12, 179.75	14.15, 180.06	14.17, 180.27					
Attitude	$\begin{bmatrix} 67.37287 \\ 25.30545 \\ 29.39090 \end{bmatrix}$	$\begin{bmatrix} 67.37366 \\ 25.30532 \\ 29.38970 \end{bmatrix}$	$\begin{bmatrix} 4.93261 \\ 8.59851 \\ 98.60629 \end{bmatrix}$	$\begin{bmatrix} 4.93264 \\ 8.59835 \\ 98.60729 \end{bmatrix}$	$\begin{bmatrix} 4.93028 \\ 8.59815 \\ 98.60996 \end{bmatrix}$					
OP-start(CE)	18:53:01 (00h)	Cont (07h)	Cont (14h)	Cont (1Ch)	Cont (24h)					
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	-34.01/-34.04	-34.39/-34.42	-34.54/-34.57	-35.75/-35.79	-35.36/-35.49					
S0/1-CCDT	-59.37/-59.05	-59.51/-59.19	-59.56/-59.19	-61.48/-60.97	-59.98/-59.66					
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	23cps/23cps	25cps/25cps	28cps/26cps	28cps/29cps	28cps/25cps					
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	NO	3/4	48	159 218	19.6 20.2	380.63 184.22 1127			
Pass: 941007-1238			3/4	40	159 218	14.2	401.45 180.01 1163			
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
19.90/23.40	19.90/23.50	-4.55/4.75	-4.60/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
10/07 21:10	S5 0014+813	2	(4.2834 , 81.5855)	(4.9344 , 8.5960 , 98.6046)
10/08 10:00	W50 West Lobe	3	(287.4087 , 5.0596)	(287.6784 , 84.7261 , 204.5481)
10/09 7:20	SS433	4	(287.9562 , 4.9827)	(288.1488 , 84.9054 , 185.9204)
10/09 14:50	W44 PT2	5	(283.975 , 1.4717)	(284.2104 , 88.3688 , 186.3674)