「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) LOS(UT)	18:46:02 18:56:58	20:26:37 20:39:29	22:08:20 22:20:49	23:50:01 00:02:30	01:31:40 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.) Rep-start	X (Complete) 18:46:59	X (Complete) 20:27:45	X (Complete) 22:09:07/22:14:56	X (Complete) 23:50:47/23:58:25	X (Complete) 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)

Comment: 本日の運用:
We are observing a distant quaser, S5 0014+813. Counting rates are 0.05 c/sec/GIS and 0.10 c/sec/SIS (including BGD). The spectrum PL with phton 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した。（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ます。（冨田）
消感します（小賀坂）。