

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 12 月 23 日 Y+ 1402 KSC 当番: T.Kotani and S.Tanaka

VV697_#2 → Akn564

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	961223-0514	961223-0617	961223-0721	961223-0824	961223-0927												
Operation	X-REP OP/OG-04 WRT TCU-MEM ACS-ERR-RST CPU2-STOP/RST CPU3-STOP/RST DE-0/1.LVL.OF OP-START	X-REP SBR-A-RNG STAR-05 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP CPU2-STOP/RST CPU3-STOP/RST BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF												
Target	VV697_#2	VV697_#2	VV697_#2	VV697_#2	VV697_#2												
AOS(UT)	06:44:32	08:24:53	10:06:16	11:48:00	13:29:37												
LOS(UT)	06:55:58	08:38:00	10:19:33	12:01:00	13:42:00												
Max-El	12.018°	41.179°	Zenith	Zenith	36.898°												
Time	06:50:00	08:31:00	—	—	13:35:16												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	06:46:53	08:25:25	10:06:49/10:13:07	11:48:29/11:54:21	13:30:11												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS/GIS/OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	14.20°/238.286°	14.20°/238.52°	14.19°/238.75°	—/—	—/—												
Attitude	$\begin{bmatrix} 359.14935^\circ \\ 64.38811^\circ \\ 190.16091^\circ \end{bmatrix}$	$\begin{bmatrix} 359.14945^\circ \\ 64.38799^\circ \\ 190.16085^\circ \end{bmatrix}$	$\begin{bmatrix} 359.14959^\circ \\ 64.38841^\circ \\ 190.16049^\circ \end{bmatrix}$	$\begin{bmatrix} 359.14959^\circ \\ 64.38800^\circ \\ 190.16129^\circ \end{bmatrix}$	$\begin{bmatrix} 359.14930^\circ \\ 64.38813^\circ \\ 190.16098^\circ \end{bmatrix}$												
OP-start(CE)	06:51:49 (00h)	Cont (07h)	Cont (11h)	Cont (1Dh)	Cont (29h)												
GIS HAM ERR	ERR→Reset	OK	OK	ERR→Reset	ERR→Reset												
ACS ERR	(SH)MOMCHG →Reset	OK	OK	OK	OK												
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333												
S0/1-TECT	-33.42/-33.45°C	-33.52/-33.52°C	-32.89/-32.87°C	-32.45/-32.48°C	-32.36/-32.38°C												
S0/1-CCDT	-60.59/-60.17°C	-60.73/-60.31°C	-60.59/-60.22°C	-60.31/-59.94°C	-60.02/-59.66°C												
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	26/29 cps	30/26 cps	29/28 cps	30/29cps	28/30 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	3	3/4	48	159	218	16.4	16.9	375.95	243	3582	184.21	
Pass: 961223-0514							3/4	40	159	218	10.9		403.98	213	3582	179.40	

SIS Mode Changes: VV697_#2: 1CCD F/F (LD 0.48 keV→ OFF, AD OFF)→ Akn564: 1CCD F/F (LD 0.48 keV/OFF, AD OFF)

GIS Mode Changes: PH 10-8-8-5-0-0

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.20/ 23.30	19.20/ 23.30	-5.11/ 4.75	-4.64/ 4.80	4.82/ 9.03	4.82/ 8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
12/23 14:40	Akn564	3	(340.6633, 29.7231)	(340.8143, 60.1180, 210.9526)

Comment: 本日の運用: The current target is VV 697 (PI = G. Hasinger[ESJ], AGN, 38 ks). The count rates are 0.08 c/s and 0.05 c/s for the SIS and the GIS, respectively.

In Pass-1, the SIS level discrimination was disabled, which had been enabled since PG 0043+039.

1パス目、TMS/X LOW、BDR REC、OP RUNで入感。AOSのOGが遅れていると判断してステータスが変わるのを待ち、その後はほぼ通常通り運用。リプロもぎりぎりですべて完了しました。原因は12/21に打ったプランでAOSコマンドが数分遅れていたため。時刻は自動で決まるものと油断して見落としていました。

このネコはエサをねだる割には警戒心が強く、すぐ逃げられてしまいます。3匹いるという話ですが、まだ2匹しか見てません。(田中)

うちうけんあすかホーム・ページの受信状況欄に“MAD human error”ってありますけど、これなんか好いですね。(小谷)