Comment: 本日の運用:
We have performed eight pointings of Cas A until today's fifth pass. More two pointings will be observed during today's remote pass.
本日も大変複雑な運用でした。場所によっては少しテレメーターが飽和しています。（北本）
昨日は、スペクトルフィットをしてはまった。やっとのことでそれなりに合わせてみたが、紙に印刷できないのはやはりむなしい。(松崎)

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 7 月 28 日　Y+ 522　KSC 当番: S.Kitamoto 、 K.Matsuzaki

Cas A

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940728–0412	940728–0516	940728–0619	940728–0722	940728–0826
Operation	X REP ACS ERROR RST OP-01 OG-01 TCU MEM MODE OP START	X REP RNG CPU 2/3 STP CPU 2/3 RST STAR-01 S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP CPU 2/3 STOP CPU 2/3 RST GIS MEM MODE	X REP
Target	Cas A	Cas A	Cas A	Cas A	Cas A
AOS(UT)	05:56:08	07:37:01	09:18:33	11:00:17	12:41:56
LOS(UT)	06:07:49	07:49:35	09:31:16	11:13:08	12:54:00
Max-El	13.273	42.204	Zenith	78.740	33.194
Time	06:01:49	07:42:58	—	11:06:04	12:47:26
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	05:57:09	07:37:51	09:19:21/09:25:17	11:01:03	12:43:49
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	5.99, 141.36	5.99, 141.36	5.88, 141.81	5.90, 143.04	5.84, 142.93
Attitude	$\begin{bmatrix} 350.54547 \\ 31.56205 \\ 53.16138 \end{bmatrix}$	$\begin{bmatrix} 350.54508 \\ 31.55842 \\ 53.16041 \end{bmatrix}$	$\begin{bmatrix} 350.91402 \\ 31.60665 \\ 52.84508 \end{bmatrix}$	$\begin{bmatrix} 350.76257 \\ 31.54864 \\ 52.97386 \end{bmatrix}$	$\begin{bmatrix} 350.59974 \\ 31.36125 \\ 53.11559 \end{bmatrix}$
OP-start(CE)	05:03:47 (00h)	Cont (08h)	Cont (16h)	Cont (24h)	Cont (31h)
GIS HAM ERR	NORMAL	ERROR	NORMAL	NORMAL	NORMAL
ACS ERR	SH(MOMCHG)	—	—	—	—
SIS-mode	Faint/Faint 0000/2222	Faint/Faint 0000/2222	Faint/Faint 3333/1111	Faint/Faint 3333/1111	Faint/Faint 1111/3333
S0/1-TECT	−40.07/−40.21	−40.07/−40.21	−39.63/−39.77	−39.15/−39.19	−39.76/−39.70
S0/1-CCDT	−61.67/−61.77	−61.67/−61.77	−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)	PH(10–8–8–5–0)	PH(10–8–8–5–0)
GIS LD Hit	75cps/77cps	73cps/70cps	87cps/64cps	93cps/86cps	61cps/82cps

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	NONE	3/4	48	159	218	13.1	13.1	402.13	183.54	1238
Pass: 9407280412							3/4	40	159	218	7.6		420.21	181.13	1138

GIS Mode Changes: 10–8–8–5–0

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	20.10/23.50	−4.12/4.75	−4.21/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
07/28 07:55	Cas A C3(h)	3	(350.8542 , 58.8144)	(350.9151 , 31.6072 , 52.8444)
07/28 10:00	Cas A C3(0)	4	(350.8542 , 58.8144)	(350.7654 , 31.5480 , 52.9724)
07/28 11:45	Cas A C1(h)	5	(350.8542 , 58.8144)	(350.6029 , 31.3612 , 53.1117)
07/28 23:00	Cas A C2(v)	6	(350.8542 , 58.8144)	(350.9830 , 31.3979 , 52.7863)
07/29 02:30	Cas A C2(h)	1	(350.8542 , 58.8144)	(351.0380 , 31.5225 , 52.7393)