

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 9 月 02 日 Y+ 559 KSC 当番: K. Iwasawa, 、 H. Kaneda

ANTI 5KPC ARM pos12-21

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940902-1030	940902-1134	940902-1237	940902-1340	—					
Operation	X REP SBR-A RNG OP/OG-08 TCU MEM MODE ACS ERR RST STAR-06(1) S-CTLG CHK OBSERVE MODE OP START RNG OFF	X REP STAR-01(2,3,4,5,6) S-CTLG CHK OBSERVE MODE BDR STOP X-REP BDR STP	X REP SBR-A RNG CPU2/3 STP CPU2/3 RST GIS MEM MODE STAR-02(1) S-CTLG CHK OBSERVE MODE RNG OFF	X REP STAR-03(2,3,4) S-CTLG CHK OBSERVE MODE						
Target	ANTI 5KPC ARM	ANTI 5KPC ARM	ANTI 5KPC ARM	ANTI 5KPC ARM						
AOS(UT)	14:52:47	16:34:09	18:16:08	19:57:51						
LOS(UT)	15:05:24	16:47:01	18:28:23	20:08:33						
Max-El	70.033	Zenith	50.427	15.852						
Time	14:58:30	—	18:21:36	20:02:44						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	()					
Rep-start	14:53:39	16:35:02/16:40:44	18:16:56	19:59:02						
DP-mode	OBS/ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS						
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing						
ACS-spn/ θ_s ϕ_s	Night	Night	3.01, 175.84	3.28, 178.01						
Attitude	$\begin{bmatrix} 246.46562 \\ 139.36175 \\ 171.19515 \end{bmatrix}$	$\begin{bmatrix} 246.22408 \\ 138.79206 \\ 170.94097 \end{bmatrix}$	$\begin{bmatrix} 247.34996 \\ 139.49898 \\ 171.78992 \end{bmatrix}$	$\begin{bmatrix} 245.38546 \\ 139.06447 \\ 172.09987 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$					
OP-start(CE)	15:02:44 (00h)	Cont (0Fh)	Cont (1Fh)	Cont (38h)	()					
GIS HAM ERR	Normal	Normal	Normal	Normal						
ACS ERR	(SH)MOMCHG→RST		—	—						
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301						
S0/1-TECT	−39.92/−39.82	−40.12/−40.06	−40.80/−40.00	−41.33/−41.23						
S0/1-CCDT	−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)						
GIS LD Hit	30cps/32cps	32cps/3cps	27cps/27cps	24cps/22cps						
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	14.2	14.1	398.14	183.68	1884
Pass: 940902-1030			3/4	40	159 218	8.2		418.23	181.16	1731
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	20.00/23.50	−4.21/4.73	−4.34/4.76	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/02 11:20	ANTI5KPC ARM12	1	(246.7966 , -48.9528)	(246.2246 , 138.7920 , 170.9432)
09/02 13:25	ANTI5KPC ARM13	2	(246.7966 , -48.9528)	(247.3484 , 139.4997 , 171.7894)
09/02 16:21	ANTI5KPC ARM14	3	(246.7966 , -48.9528)	(247.0980 , 138.9294 , 171.5099)
09/02 18:09	ANTI5KPC ARM15	4	(246.7966 , -48.9528)	(246.8618 , 138.3633 , 171.2761)
09/02 20:35	ANTI5KPC ARM16	5	(246.7966 , -48.9528)	(247.9760 , 139.0639 , 172.0990)
09/02 22:28	ANTI5KPC ARM17	6	(246.7966 , -48.9528)	(247.7209 , 138.4972 , 171.8458)
09/03 00:00	ANTI5KPC ARM18	1	(246.7966 , -48.9528)	(247.4791 , 137.9302 , 171.6098)
09/03 01:40	ANTI5KPC ARM19	2	(246.7966 , -48.9528)	(248.6002 , 138.6225 , 172.4506)
09/03 03:15	ANTI5KPC ARM20	3	(246.7966 , -48.9528)	(248.3448 , 138.0612 , 172.1966)
09/03 05:04	ANTI5KPC ARM21	4	(246.7966 , -48.9528)	(248.0888 , 137.4925 , 171.9498)

Comment: 本日の運用:

The mapping of anti-5kpc arm region (PI: Koyama) is successively done. The SIS count rate is about 0.38 cps from a collection of 4CCD. There is an extended emission with a large absorption.

GIS MEM MODE は予定を変更して 3pass 目に行ないました。上位ビットはヒマだと思ってたのになぜか忙しいんですけど。MNV の連続ですが ASCA の姿勢系は特に異常は見られません。Anti 5kpc arm は KSC に降りてくるデータのうち一つはなにか source が受かってます。さすが銀河面（岩澤）。

下位ビットは忙しいと思っていたのになぜかヒマなんですけど。今日は少し面白いデータが取れました。自分のときに銀河面を見してくれるのは有難いのですが、ちょっとマヌーバが多過ぎやしませんか？ ISAS 当番がかわいそうですし、このような観測は QL 解析もやりにくい。（金田）