

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 27 日 Y+ 613 KSC 当番: K.Tamura、H.Kubo

Observation

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5						
Pass No.	941026-0723		941026-0826		941026-0930		941026-1033		941026-1136						
Operation	X REP RNG A OP/OG-04 WRT TCU MEM MODE OP START RNG OFF		X REP S-CTLG-01 WRT S-CTLG CHK OBSERVE MODE		X REP CPU2/3 STOP CPU2/3 RST BDR STOP X REP BDR STOP		X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF		X REP						
Target	MG 2016 + 112		MG 2016 + 112		MG 2016 + 112		MG 2016 + 112		PKS 2149 - 306						
AOS(UT)	11:09:21		12:50:44		14:32:30		16:14:04		17:56:19						
LOS(UT)	11:22:05		13:03:41		14:45:30		16:26:40		18:06:55						
Max-El	33.734		78.909		Zenith		42.880		13.569						
Time	11:15:17		12:56:40		——		16:19:47		18:00:57						
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)						
Rep-start	11:10:38		12:51:40		14:33:18/14:38:54		16:14:44		17:57:00						
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	—, —		—, —		—, —		—, —		—, —						
Attitude	$\begin{bmatrix} 304.986 \\ 78.374 \\ 192.921 \end{bmatrix}$		$\begin{bmatrix} 304.986 \\ 78.374 \\ 192.922 \end{bmatrix}$		$\begin{bmatrix} 304.986 \\ 78.374 \\ 192.921 \end{bmatrix}$		$\begin{bmatrix} 304.985 \\ 78.374 \\ 192.922 \end{bmatrix}$		$\begin{bmatrix} 328.160 \\ 120.329 \\ 201.486 \end{bmatrix}$						
OP-start(CE)	11:19:08 (00h)		Cont (0Ah)		Cont (14h)		Cont (1Eh)		Cont (2Bh)						
GIS HAM ERR	Normal		Normal		Err		Normal		Normal						
ACS ERR	——		——		——		——		——						
SIS-mode	Faint/Faint 0123/0123		Faint/Faint 0123/0123		Faint/Faint 0123/0123		Faint/Faint 0123/0123		Faint/Faint 1111/3333						
S0/1-TECT	-35.27/-35.01		-35.17/-34.96		-34.98/-34.76		-35.22/-35.01		-34.93/-34.91						
S0/1-CCDT	-61.62/-61.62		-61.62/-61.53		-61.53/-61.44		-61.48/-61.34		-61.34/-61.20						
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	25cps/24cps		30cps/27cps		29cps/29cps		29cps/29cps		25cps/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	15.3	15.2	391.08	183.84	1929
Pass: 941026-0723							3/4	40	159	218	9.3		416.44	180.68	1692
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	-4.34/4.75	-4.43/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/26 17:00	PKS 2149 - 306	4	(327.9795 , -30.4649)	(328.1600 , 120.3287 , 201.4886)
10/27 06:01	IRAS 20460 + 192	5	(312.0708 , 19.6156)	(312.2653 , 70.2903 , 188.6684)

Comment: 本日の運用:

We are observing MG 2016 + 112 (JPN) and PKS2149-306 (JPN). We can't found MG 2016 + 112 on the X-ray images of the SIS and the GIS. The count rate of PKS2149-306 are $\sim 0.22c/sec/SIS$ and $0.26c/s/GIS$ 相変わらず MG 2016 + 112 はまっくらです。残念。今日は、4 パス終了後にマヌーバーがあってちょっと緊張しました。PKS2149-306 はかなり明るいソースです。今日運用終了後、QL 解析中に rajin が Hung-up、reboot しました。ちょっと XIMAGE を動かそうとしたんだけど...(田村)。2 日前に予告したでしょ、今度は rajin を reboot するって (窪)。ううん... 明日の日本シリーズも予想して下さい (K)