

「あすか」 OPERATION REPORT Ver.1.5

94 年 4 月 10 日 Y+ 414 KSC 当番: 竹島、古澤、村上

G11.2-0.3 → 5kpc_Arm1 → 5kpc_Arm2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940410-0723	940410-0826	940410-0930	940410-1033	940410-1137					
Operation	X REP OP/OG WT/CK OP START	X REP SBR-A RNG S-CTLG WT/CK OBS MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP	X REP SBR-A RNG RNG OFF					
Target	G11.2-0.3	G11.2-0.3	G11.2-0.3	G11.2-0.3	G11.2-0.3					
AOS(UT)	11:14:54	12:55:59	14:37:18	16:19:11	18:00:57					
LOS(UT)	11:26:30	13:08:24	14:50:00	16:31:33	18:12:50					
Max-El Time	13.862 11:20:36	43.557 13:01:49	Zenith —	77.667 16:24:58	32.220 18:06:21					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	11:15:48	12:56:52	14:38:16/14:44:03	16:19:58	18:01:52					
DP-mode	OBS	OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	18.07°, 189.14°	-°, -°	-°, -°	-°, -°	-°, -°					
Attitude	$\begin{bmatrix} 272.6660 \\ 109.4898 \\ 359.3273 \end{bmatrix}$	$\begin{bmatrix} 272.6664 \\ 109.4900 \\ 359.3256 \end{bmatrix}$	$\begin{bmatrix} 272.6660 \\ 109.4896 \\ 359.3281 \end{bmatrix}$	$\begin{bmatrix} 272.6652 \\ 109.4890 \\ 359.3286 \end{bmatrix}$	$\begin{bmatrix} 272.6646 \\ 109.4893 \\ 359.3277 \end{bmatrix}$					
OP-start(CE)	11:22:50 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)					
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	-36.82/-37.10	-36.67/-36.90	-36.58/-36.81	-36.72/-36.90	-37.11/-37.19					
S0/1-CCDT	-61.67/-61.77	-61.62/-61.77	-61.62/-61.77	-61.62/-61.72	-61.62/-61.72					
GIS-mode	PH(8-6-6-0-0)	PH(8-6-6-0-0)	PH(8-6-6-0-0)	PH(8-6-6-0-0)	PH(8-6-6-0-0)					
GIS LD Hit	21cps/22cps	23cps/22cps	31cps/30cps	33cps/30cps	30cps/26cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
8 6 6 0 0	FLF	1	3/4	48	159 218	18.6	13.1	392.29 -	891	
Pass: 9404100723			3/4	40	159 218	13.1		408.70 -	901	
GIS Mode Changes: 8-6-6-0-0-10 → 10-8-8-5-0-0(5kpc_Arm)										

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
20.10/23.50	20.10/23.50	-4.42/4.75	-4.60/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
04/11 04:40	5kpc Arm	1	(283.7125 , -9.55244)	(283.4986 , 99.7208 , 9.1957)
04/11 8:10	5kpc Arm	2	(279.34928 , -7.01265)	(279.1359 , 97.1799 , 8.9047)

Comment: 本日の運用: G 11.2-0.3 was observed with 1 CCD Faint Mode in SIS and PH mode with 8-6-6-0-0-10 in GIS. Averaged counting rate in SIS chip is about 1.2 c/s. Emission line features of Si and S are clearly seen in SIS energy spectrum. The continuum has some hard component other than Raymond-Smith component.

ライズタイムのビットがないと GIS の QL 解析はイメージもまともに出てこない。(たけしま)

はじめての KSC 当番です。第 1 パス目、第 2 パス目は大変緊張しました。第 3 パスくらいからだんだん慣れてきましたが、まだちょっと心もとないです。それにしても飛行機ははやい。(村上)

私は慣れるまで 4 パスぐらいかかりました。その上、慣れてからもミスの連続。終り近くになって、なんとか raimei とともに仲なおりできました。(猫とは仲良くなれなかった古澤)