

「あすか」 OPERATION REPORT Ver.1.5

94 年 6 月 03 日 Y+ 468 KSC 当番: Y.Kamata, 、 K.Kinugasa

HCG51

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940603-0620	940603-0723	940603-0826	940603-0930	940603-1033
Operation	X REP OP/OG 06 TCU MEM OP STRT	X REP SBR-A RNG RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP
Target	HCG51	HCG51	HCG51	HCG51	HCG51
AOS(UT)	09:31:18	11:13:05	12:53:58	14:35:56	16:17:14
LOS(UT)	09:43:21	11:25:18	13:07:13	14:48:36	16:29:24
Max-El Time	21.048 09:37:12	61.061 11:18:25	Zenith —	61.093 14:41:36	22.452 16:22:56
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)
Rep-start	09:33:10	11:13:56	12:55:12/13:01:30	14:36:44	16:18:34
DP-mode	OBS/TCU/OBS	OBS	OBS	OBS/GIS/OBS	OBS
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing
ACS-spn/ θ_s ϕ_s	7.12°, 82.188°	7.13°, 81.56°	7.09°, 80.88°	-°, -°	-°, -°
Attitude	$\begin{bmatrix} 170.829 \\ 65.697 \\ 162.744 \end{bmatrix}$	$\begin{bmatrix} 170.829 \\ 65.697 \\ 162.743 \end{bmatrix}$	$\begin{bmatrix} 170.829 \\ 65.697 \\ 162.743 \end{bmatrix}$	$\begin{bmatrix} 170.829 \\ 65.697 \\ 162.744 \end{bmatrix}$	$\begin{bmatrix} 170.829 \\ 65.697 \\ 162.744 \end{bmatrix}$
OP-start(CE)	09:40:20 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323
S0/1-TECT	-44.32/-44.17	-43.22/-43.08	-44.41/-44.27	-43.41/-43.27	-43.41/-43.27
S0/1-CCDT	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81	-61.71/-61.81
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	20cps/22cps	27cps/26cps	33cps/27cps	29cps/25cps	24cps/26cps

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	HAM	3/4	48	159	218	12.0	12.0	403.09	183.82	1205
Pass: 9406030620							3/4	40	159	218	6.0		421.95	181.34	1198

GIS Mode Changes: 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
20.30/23.50	20.30/23.50	-4.12/4.73	-4.20/4.76	4.82/8.74	4.82/8.46

Comment: 本日の運用:

We observed HCG51(PI:Makishima, JPN). Observed count rate of HCG51 is 0.08 c/s/sis0(~ 5 arcmin) and 0.03 c/s/gis(~ 4 arcmin). Extended emission (~ 10 arcmin diameter) and irregular structure is visible in the GIS image. The best fit temperature is about 1.6-1.7keV(Raymond-Smith) for both GIS and SIS with low abundance ratio(0.3 cosmic value). The temperature of SIS is still very low and stable(~ 61 deg). こちらは良い天気で種子島もよく見えます。いよいよ私も明日で仕事は終わりです。今回は非常に長く感じました。牧島先生はまめにターゲットの情報をファックスしてくれるので、QL 解析の時、今どんなものを見ているかわかって非常に助かります。QL のハードコピーが出たり出なかったりする。ひどい日は5パスとも出なかった。原因は見当もつかない。(鎌田) こちらは梅雨にはいっているのに 毎日いい天気です。ひなたぼっこが気持ちいい。(衣笠)