

今日は早めに休むことにします。（菊池）

コーヒーでも飲む？（藤本） ありがとうございます。（菊池）

「あすか」 OPERATION REPORT Ver.1.5

94 年 5 月 12/13 日 Y+ 446/447 KSC 当番: R. Fujimoto、K. Kikuchi

MCG-5-23-16 → NGC3258

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940512-1342	940512-1445	940512-1548	940513-0104	940513-0207					
Operation	X REP OP/OG WT/CK TCU MEM MODE S-CTLG WT/CK OBSERVE MODE OP START	X REP SBR-A RNG DE-0 ADRS ON GIS CPU STP GIS CPU RST RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG GIS CPU STP GIS CPU RST GIS MEM MODE ACS ERR RST RNG OFF	X REP					
Target	MCG-5-23-16	NGC3258	NGC3258	NGC3258	NGC3258					
AOS(UT)	20:30:22	22:12:11	23:53:48	01:35:42	03:17:48					
LOS(UT)	20:43:11	22:24:37	00:06:02	01:47:24	03:27:38					
Max-El	29.192	72.814	Zenith	46.036	13.996					
Time	20:36:33	22:17:56	—	01:40:58	03:22:06					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	20:31:57	22:13:39	23:54:41/23:59:57	01:36:23	03:18:15					
DP-mode	OBS/ACS/OBS	OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	18.37°, 211.97°	24.75°, 179.80°	24.70°, 179.68°	24.65°, 179.65°	24.60°, 179.44°					
Attitude	$\begin{bmatrix} 147.1582 \\ 120.9618 \\ 157.7225 \end{bmatrix}$	$\begin{bmatrix} 157.4707 \\ 125.5347 \\ 174.6396 \end{bmatrix}$	$\begin{bmatrix} 157.4714 \\ 125.5348 \\ 174.6381 \end{bmatrix}$	$\begin{bmatrix} 157.4710 \\ 125.5348 \\ 174.6393 \end{bmatrix}$	$\begin{bmatrix} 157.4706 \\ 125.5348 \\ 174.6395 \end{bmatrix}$					
OP-start(CE)	20:40:09 (00h)	Cont (12h)	Cont (1Ch)	Cont (26h)	Cont (30h)					
SIS-mode	Faint/Faint 1111/3333	Bright/Bright 0123/2301	Bright/Bright 0123/2301	Bright/Bright 0123/2301	Bright/Bright 0123/2301					
S0/1-TECT	−34.83/−34.84	−35.17/−35.10	−35.27/−35.30	−35.65/−35.74	−35.75/−35.83					
S0/1-CCDT	−60.12/−59.70	−60.21/−59.80	−60.21/−59.84	−60.31/−59.94	−60.45/−60.08					
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	23cps/24cps	23cps/25cps	27cps/26cps	25cps/27cps	23cps/23cps					
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	1	3/4	48	159 218	16.9 17.4	392.61 184.13	2244		
Pass: 9405121342			3/4	40	159 218	12.0	411.31 180.53	2213		
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
20.00/23.50	20.00/23.50	-4.21/4.75	-4.34/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
05/12 21:10	NGC3258	6	(157.2129 , -35.6062)	(157.4706 , 125.5352 , 174.6392)

Comment: Today we observed elliptical galaxy NGC3258 and its local group (PI:Yoshii). In the FOV of SIS, NGC3258 seems to be detected. In the FOV of GIS, instead, large extended emission was found ($\sim 0.2c/s$). In the low energy band, R-S model of about 2 keV explains the spectrum. But to fit the whole energy band, another component is needed, or single power law ($\Gamma \sim 2.0$) is better.

本日の運用: 疲れました。(藤本)

太陽角が大きくなって SIS の温度がちょっと上がり気味です。上がるといえば、明日は受信時間が繰り上がるので、