「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) LOS(UT)	20:30:22 20:43:11	22:12:11 22:24:37	23:53:48 00:06:02	01:35:42 01:47:24	03:17:48 03:27:38
Max-El Time	29.192 20:36:33	72.814 22:17:56	Zenith —	46.036 01:40:58	13.996 03:22:06
Rep-band(stat.) Rep-start	X (Completed) 20:31:57	X (Completed) 22:13:39	X (Completed) 23:54:41/23:59:57	X (Completed) 01:36:23	X (Completed) 03:18:15
DP-mode	OBS/ACS/OBS	OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing 18.37°, 211.97°	Normal–Pointing 24.75°, 179.80°	Normal–Pointing 24.70°, 179.68°	Normal–Pointing 24.65°, 179.65°	Normal–Pointing 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 eliptical 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、

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）