「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 8 月 02 日 Y+ 528 KSC 当番: S.Kitamoto 、 K.Matsuzaki

NGC5139/A3571/PKS1614+051

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940802–0309	940802–0412	940802–0515	940802–0619	940802–0722
Operation	X REP OP-05 OG-05 TCU MEM CHK ROG 47 ROG 48 ROG 49 ACS MEM ER- ROR RESET OP START	X REP SBR A RNG STAR 06 S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A_RNG CPU 2/3 STOP CPU 2/3 RST GIS MEM MODE RNG OFF	X REP
Target	NGC5139	NGC5139	NGC5139	A3571	A3571
AOS(UT) LOS(UT)	04:01:18 04:14:18	05:43:24 05:56:02	07:24:20 07:37:55	09:06:30 09:19:15	10:48:06 11:00:10
Max-El Time	20.155 04:07:53	56.796 05:49:09	Zenith —	66.836 09:12:22	24.702 10:53:41
Rep-band(stat.) Rep-start	X (Complete) 04:03:05	X (Complete) 05:44:02	X (Complete) 09:25:30/09:31:22	X (Complete) 09:07:14	X (Complete) 10:49:21
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	9.61/269.91	9.53, 270.22	9.51, 270.53	3.77, 43.61	3.81, 43.62
Attitude	$\begin{bmatrix} 202.05746 \\ 137.38914 \\ 143.66267 \end{bmatrix}$	$\begin{bmatrix} 202.05742 \\ 137.38882 \\ 143.66262 \end{bmatrix}$	$\begin{bmatrix} 202.05771 \\ 137.38906 \\ 143.66307 \end{bmatrix}$	$\begin{bmatrix} 207.17368 \\ 122.81823 \\ 159.41049 \end{bmatrix}$	$\begin{bmatrix} 207.17382 \\ 122.81842 \\ 159.41013 \end{bmatrix}$
OP-start(CE)	04:11:09 (00h)	Continue (0Ah)	Cont (14h)	Cont (23h)	Cont (2Ch)
GIS HAM ERR	Normal	Normal	Normal	Normal	Normal
ACS ERR	(SH)MOMCHG	—	—	—	—
SIS-mode	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Bright/Bright 0123/0123	Bright/Bright 0123/0123
S0/1-TECT	−39.19/−38.90	−39.15/−38.90	−38.71/−38.51	−37.59/−37.53	−36.53/−36.56
S0/1-CCDT	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77	−61.67/−61.77
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	24cps/22cps	22cps/24cps	28cps/28cps	30cps/36cps	27cps/27cps

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	NONE	3/4	48	159	218	12.0	11.4	403.64	183.66	2266
Pass: 9408020309							3/4	40	159	218	6.0		423.79	181.47	2110

GIS Mode Changes: 10–8–8–5–0

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	−4.08/4.75	−4.17/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/02 08:50	A3571	1	(206.8583 , -32.8606)	(207.1758 , 122.8197 , 159.4104)
08/02 20:10	PKS1614+051	2	(244.1565 , 4.9923)	(244.3627 , 85.0095 , 160.4684)

Comment: 本日の運用:
We looked at two images of a globuler culster and of a cluster of galaxies with a good contrast.

アケボノの MS175 が調子悪いみたいです。我らの MS175 は大丈夫だろうか？不安ですねー。 （北本）
SIS の温度が、私がここに来てから最高です。過去の履歴を見るに、これが制御の限界です。(松崎)