「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 8 月 14/15 日 Y+ 540/541 KSC 当番: S.Yamauchi 、 E.Miyata

NGC1365/MS0353.6-3642/Epsilon Eri

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940814–1445	940815–0001	940815–0104	940815–0207	940815–0311
Operation	X REP OP/OG-14 TCU MEM MODE STAR-1(#3) S-CTLG CHK OBSERVE MODE ROG-47 ROG-48 ROG-49 CPU2/3 STOP CPU2/3 RST OP START	X REP SBR-A RNG STAR-2(#4) S-CTLG CHK OBSERVE MODE DE-0 ADRS ON RNG OFF	X REP DE-0 ADRS ON 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	NGC1365	MS0353.6-3642	MS0353.6-3642	MS0353.6-3642	MS0353.6-3642
AOS(UT)	22:25:20	00:06:58	01:48:18	03:30:05	05:12:00
LOS(UT)	22:37:55	00:19:42	02:01:15	03:42:55	05:23:17
Max-El	28.350	72.800	Zenith	49.561	16.664
Time	22:31:14	00:12:34	—	03:35:43	05:16:56
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	22:26:54	00:10:22	01:49:14/01:54:52	03:30:40	05:12:58
DP-mode	OBS/ACS/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	10.33, 152.20	7.10, 134.00	7.19, 133.86	7.27, 133.87	7.34, 133.60
Attitude	$\begin{bmatrix} 53.19136 \\ 126.25066 \\ 15.63744 \end{bmatrix}$	$\begin{bmatrix} 58.70410 \\ 126.74550 \\ 18.96479 \end{bmatrix}$	$\begin{bmatrix} 58.70379 \\ 126.74593 \\ 18.96399 \end{bmatrix}$	$\begin{bmatrix} 58.70370 \\ 126.74567 \\ 18.96413 \end{bmatrix}$	$\begin{bmatrix} 58.70357 \\ 126.74560 \\ 18.96385 \end{bmatrix}$
OP-start(CE)	22:34:50 (00h)	Cont (10h)	Cont (19h)	Cont (23h)	Cont (2Dh)
GIS HAM ERR	Error	Normal	Normal	Normal	Normal
ACS ERR	—	—	—	—	—
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030	Faint/Faint 1212/3030
S0/1-TECT	−37.93/−37.68	−38.52/−38.17	−38.81/−38.41	−38.03/−37.68	−38.03/−37.68
S0/1-CCDT	−61.62/−61.67	−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	26cps/24cps	29cps/28cps	27cps/32cps	30cps/27cps	23cps/25cps

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	14.2	14.1	395.66	183.91	1764
Pass: 9408141445			3/4	40	159	218	9.3		412.28	181.03	1493

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
20.00/23.40	20.00/23.50	−4.08/4.75	−4.21/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/14 22:50	MS0353.6-3642	3	(58.8782 , -36.5622)	(58.7034 , 126.7472 , 18.9635)
08/15 11:50	Epsilon Eri	4	(53.2325 , -9.4583)	(53.0675 , 99.6095 , 18.5611)

Comment: 本日の運用:

The count rates of NGC1365 observed with the SIS and the GIS are 0.05 cps and 0.03 cps, respectively. The count rates of MS0353.6-3642 observed with the SIS and the GIS are 0.08 cps and 0.03 cps, respectively.

今日は operation が多くて、書く欄がないので上位ビット様は全て下位ビットの私に譲ってくれました。

つまり … (今日は、暗黙のうちに何にも書くなといわれた 宮田)