「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 6 月 27 日　Y+ 857　KSC 当番: A. Furuzawa, T. Takahashi and T. Asanuma

NGC4552→3c279#4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	950627–0721	950627–0824	950627–0928	950627–1031	950627–1134
Operation	X REP OP/OG-01 WRT TCU MEM MOD DP BC ENA 03-60F055 DP BC EXEC DP BC ENA 03-600FFF DP BC EXEC OP START	X REP SBR-A RNG S-CTLG WT/CK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP ACS ERR RE-SET CPU STP/RST GIS MEM MODE	X REP SBR RNG RNG OFF
Target	3c279#4	3c279#4	3c279#4	IRAS13349+243	IRAS 13349+243
AOS(UT) LOS(UT)	10:12:04 10:23:43	11:52:50 12:06:05	13:34:07 13:47:29	15:15:59 15:29:06	16:57:33 17:10:07
Max-El Time	13.851 10:17:43	44.010 11:58:49	Zenith —	78.740 15:21:55	34.454 17:03:15
Rep-band(stat.) Rep-start	X (Complete) 10:13:47	X (Complete) 11:53:51	X (Complete) 13:34:55/13:41:01	X (Complete) 15:16:33	X (Complete) 16:58:17
DP-mode	OBS	OBS	OBS	OBS	OBS
ACS-mode SUN-pos θ_S/ϕ_S Attitude	Normal–Pointing 17.18/125.69 $\begin{bmatrix} 194.25066 \\ 95.75123 \\ 171.28037 \end{bmatrix}$	Normal–Pointing 17.13/125.48 $\begin{bmatrix} 194.25055 \\ 95.75156 \\ 171.27920 \end{bmatrix}$	Normal–Pointing 17.11/125.27 $\begin{bmatrix} 194.24941 \\ 95.75036 \\ 171.27997 \end{bmatrix}$	Normal–Pointing –/– $\begin{bmatrix} 204.55572 \\ 65.63920 \\ 153.10118 \end{bmatrix}$	Normal–Pointing –/– $\begin{bmatrix} 204.55460 \\ 65.64105 \\ 153.09979 \end{bmatrix}$
OP-start(CE)	10:19:56 (00h)	Cont (09h)	Cont (11h)	Cont (1Fh)	Cont (27h)
GIS HAM ERR	Normal	Normal	Normal	Normal	Normal
ACS ERR	Normal	Normal	(SH) MOMCHG	(SH)MOMCHG	Normal
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0101/2323 −42.44/−42.39 −61.67/−61.77	Faint/Faint 1111/3333 −41.91/−41.86 −61.67/−61.77	Faint/Faint 1111/3333 −41.38/−41.37 −61.67/−61.77	Faint/Faint 1111/3333 −41.04/−40.94 −61.67/−61.77	Faint/Faint 1111/3333 −41.57/−41.47 −61.62/−61.77
GIS-mode GIS LD Hit	PH(10–8–8–5–0) 27/27 cps	PH(10–8–8–5–0) 26/28 cps	PH(10–8–8–5–0) 29/29 cps	PH(10–8–8–5–0) 33/33 cps	PH(10–8–8–5–0) 31/31 cps

P X Y R S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt/sec	RT Pk
10 8 8 5 0	FLF	No	3/4	48	159	218	16.2	16.3	320.20	0.1100	183.87
Pass: 950627-0824			3/4	40	159	218	10.4		419.83	0.0996	180.65

SIS Mode Changes: F/F 1111/3333 Lvl:off/0.41keV(3c279#4,IRAS13349+243), F/F 1212/3030 Lvl:off/0.48keV(A1774)

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.20/23.20	20.20/23.10	−4.34/4.73	−4.12/4.76	5.10/9.03	10.19/11.66

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
6/27 14:50	IRAS13349+243	4	(204.3292 , 24.3844)	(204.5526 , 65.6436 , 153.0993)
6/27 22:30	A1774	5	(205.3000 , 40.0000)	(205.5275 , 50.0311 , 153.2055)

Comment: 本日の運用: The counting rate obtained from 3C279 is 0.28cts/sec/GIS and 0.4cts/sec/SIS. From IRAS 13349+243, it is 0.38 cts/sec/SIS.
KSC 到着、いろいろと緊張します。早く梅雨があけてほしい（高橋）。
今日はコマンドプランがくるのが遅いは、プリンターが不調になるはで、1 パス目は非常に慌てた。（浅沼）

すみません。3c279 を 2CCD mode でとってしまいました。1 パスめのリアル中に 1CCD mode にかえましたが、KSC に来る前の 2 周は 2CCD です。Bit-Med ではサチっていますが、ほとんど Bit High なので…。最後の最後でこんな見落としをするとは。（反省しつつ隠居する古澤）