「あすか」 OPERATION REPORT Ver.1.5

94 年 5 月 22 日　Y+ 456　KSC 当番: R.Fujimoto, Y.Kamata 、 K.Mutoh

K416 → MS1248.7+5706

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	940522–1031	940522–1134	940522–1237	940522–1341	940522–1444
Operation	X REP OP/OG-11 ERRCODE RST TCU MEM MODE OP START	X REP SBR-A RNG SCT WRT/CHK ERRCODE RST OBSERVE MODE RNG OFF	X REP 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	K416	K416	K416	K416	K416
AOS(UT) LOS(UT)	15:02:49 15:15:54	16:44:54 16:57:54	18:26:00 18:39:29	20:08:01 20:21:02	21:49:41 21:01:49
Max-El Time	20.037 15:09:25	56.667 16:50:42	Zenith —	67.279 20:13:58	25.182 21:55:19
Rep-band(stat.) Rep-start	X (Completed) 15:05:05	X (Completed) 16:45:55	X (Completed) 18:27:07/18:32:45	X (Completed) 20:08:45	X (Completed) 21:50:43
DP-mode	OBS/TCU/OBS	OBS/ACS/OB	OBS	OBS/GIS/OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing -°, -°	Normal–Pointing 14.97°, 172.94°	Normal–Pointing 14.91°, 173.21°	Normal–Pointing 14.91°, 173.41°	Normal–Pointing 14.85°, 173.68°
Attitude	$\begin{bmatrix} 211.8362 \\ 39.4115 \\ 118.3926 \end{bmatrix}$	$\begin{bmatrix} 211.8361 \\ 39.4117 \\ 118.3931 \end{bmatrix}$	$\begin{bmatrix} 211.8350 \\ 39.4109 \\ 118.3936 \end{bmatrix}$	$\begin{bmatrix} 211.8352 \\ 39.4112 \\ 118.3945 \end{bmatrix}$	$\begin{bmatrix} 211.8350 \\ 39.4115 \\ 118.3945 \end{bmatrix}$
OP-start(CE)	15:12:43 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323
S0/1-TECT	−41.57/−41.52	−41.72/−41.71	−42.06/−42.01	−42.59/−42.54	−43.12/−43.17
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	25cps/22cps	26cps/25cps	28cps/29cps	32cps/28cps	24cps/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	16.4	16.3	396.79	183.60	823
Pass: 9405221031			3/4	40	159	218	10.9		415.01	180.73	869

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
20.10/23.40	20.10/23.50	−4.21/4.73	−4.34/4.76	4.82/8.74	4.82/8.17

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
05/23 12:35	MS1248.7+5706	6	(192.7421 , 56.8321)	(193.0979 , 33.2374 , 140.3271)

Comment: 本日の運用:
We oubserved binary galaxies K416 (NGC5480 and NGC5481, PI:Rampazzo). No significant sources are found near the expected positions. Instead two other faint sources are detected with GIS (0.011 c/s) and one with SIS. Though searching NED, we couldn't identify them.
The temperature of SIS is now very low and stable. In fact, TEC temperature is lower than -43°C.
今回は ESJ ですので、QL 結果は SSOC 以外には FAX しません。
消感を目前にしてすっかりふぬけになりました。(じもと)

藤本さんはいよいよ消感ですが、この一週間大変お世話になりました。初日からわからない事ばかりでしたが、懇切丁寧にいろいろ教えて頂きました。これからも宇宙研に行った時は、宜しくお願いします。(武藤)
KSC 到着。とてもすがすがしい天気です。しかし、心はどんより。今日から仲間入りです（鎌田）。