

「あすか」 OPERATION REPORT Ver.1.5

93 年 7 月 1 日 Y+ 131 KSC 当番: 山内 S 、 岩澤

EXO2030+375/NEP Pos.2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	930701-0412	930701-0515	930701-0619	930701-0722	930701-0826					
Operation	X-REP RNG OP-OG-WRT TCU-MODE OP-STRT	X-REP RNG STC-WRT-CHK ERR-COD-RST OBS-MOD	X-REP BDR-STOP X-REP BDR-STOP	X-REP	X-REP RNG					
Target	EXO2030	EXO2030	EXO2030	EXO2030	EXO2030					
AOS(UT)	05:46:00	07:26:55	09:08:27	10:50:26	12:32:10					
LOS(UT)	05:57:51	07:39:57	09:21:56	11:03:27	12:44:46					
Max-El Time	14.274 05:51:24	45.039 07:32:58	Zenith —	78.415 10:56:27	34.594 12:38:01					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Interrupted)	X (Completed)	X (Completed)					
Rep-start	05:47:56	07:27:50	09:09:19/09:15:33	10:51:24	12:33:04					
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s	24.51°	24.57°	24.61°	24.67°	24.70°					
Attitude	$\begin{bmatrix} 308.000 \\ 52.534 \\ 57.011 \end{bmatrix}$	$\begin{bmatrix} 307.999 \\ 52.535 \\ 57.013 \end{bmatrix}$	$\begin{bmatrix} 308.000 \\ 52.534 \\ 57.010 \end{bmatrix}$	$\begin{bmatrix} 307.999 \\ 52.535 \\ 57.012 \end{bmatrix}$	$\begin{bmatrix} 308.000 \\ 52.535 \\ 57.011 \end{bmatrix}$					
OP-start(CE)	05:54:32 (00h)	Cont (07h)	Cont (0Eh)	Cont (15h)	Cont (1Ch)					
SIS-mode	Bright/Bright 1CCD	Bright/Bright 1CCD	Bright/Bright 1CCD	Bright/Bright 1CCD	Bright/Bright 1CCD					
S0/1-TECT	−40.50/−40.45	−40.75/−40.74	−40.75/−40.69	−40.46/−40.35	−40.17/−40.01					
S0/1-CCDT	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81	−61.71/−61.81					
GIS-mode	PH	PH	PH	PH	PH					
GIS LD Hit	23cps/26cps	23cps/23cps	34cps/37cps	58cps/49cps	33cps/36cps					
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	—	3/4	48	159 218	14.2	15.2	410.70	183.79	1357
Pass: s9307010412			3/4	40	159 218	9.3		425.36	181.44	1222

GIS Mode Changes: no change

Condition Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B	Charge/Discharge
20.20/23.40	20.30/23.50	-4.16/4.73	-4.25/4.76	5.10/8.74	4.82/8.74	1.9231/1.9943

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
7/2 04:20	NEP Pos.2	4	(269.580 , 66.560)	(-89.9785 , 23.6629 , 100.3940)
			(,)	(, ,)
			(,)	(, ,)

Comment: 本日の運用: EXO2030+375 はフレアは起こしていませんでした。強度は 5c/s/GIS2(R< 15) くらい。ぎんがのときは 8-10mCrab 位だったと思います。GIS plot を見るとパルスしているのがわかります。(山内 S)
今日の 1 パス目は地没から出た短い時間の強度モニターをするので、ドキドキでした。昨日、観測した N4472 は (某 T 氏の強い要望により) せこくデータをかき集めて約 1c/s/(SIS0+SIS1)。(岩澤)