「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 22 日　Y+ 607　KSC 当番: K.Tamura 、 H.Kubo

SN1993J / EXO01846-031 / W50 / MRC2019+098

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	941021–0927	941021–1030	941021–1133	941021–1237	941021–1340
Operation	X REP OP/OG-14 WRT TCU MEM MODE CPU2/3 STOP CPU2/3 RST OP START	canceled	canceled	X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP S-CTLG-05 WRT S-CTLG CHK OBSERVE MODE
Target	SN1993J			SN1993J	SN1993J
AOS(UT) LOS(UT)	13:03:58 13:16:47			18:08:44 18:21:53	19:50:18 20:02:16
Max-El Time	25.525 13:10:08			56.542 18:14:40	19.862 19:55:56
Rep-band(stat.) Rep-start	X (Complete) 13:07:23	( )	( )	X (Complete) 18:09:33	X (Complete) 19:51:37
DP-mode	OBS			OBS	OBS/ACS/OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing —, —			Normal–Pointing 6.31, 277.34	Normal–Pointing 6.53, 276.57
Attitude	$\begin{bmatrix} 148.06924 \\ 20.99575 \\ 320.06316 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 148.06931 \\ 20.99615 \\ 320.06312 \end{bmatrix}$	$\begin{bmatrix} 148.06945 \\ 20.99610 \\ 320.06287 \end{bmatrix}$
OP-start(CE)	13:13:43 (00h)	( )	( )	Cont (1Bh)	Cont (25h)
GIS HAM ERR	Err			Normal	Normal
ACS ERR	(SH)MOMCHG			——	——
SIS-mode	Faint/Faint 2222/0000			Faint/Faint 2222/0000	Faint/Faint 2222/0000
S0/1-TECT	−36.96/−36.90			−37.74/−37.63	−38.22/−38.17
S0/1-CCDT	−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)
GIS LD Hit	26cps/27cps			31cps/29cps	26cps/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	NO	3/4	48	159	218	13.1	13.1	398.13	183.78	1016
Pass: 941021-0927							3/4	40	159	218	7.1		424.69	180.96	970

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
19.90/23.50	19.90/23.50	−4.25/4.75	−4.47/4.78	4.82/8.74	4.82/8.74

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/22 07:40	EXO1846-031	5	(282.320 , -3.065)	(282.509 , 92.985 , 184.620)
10/22 18:51	W50	6	(284.409 , 5.060)	(287.679 , 84.727 , 204.547)
10/23 03:01	MRC2019+098	1	(305.535 , 10.020)	(305.721 , 79.890 , 186.865)

Comment: 本日の運用:
We are observing SN1993J (JAPAN). The counting rates of X-5 and X-6 are ~0.88 c/sec/SIS and ~0.35

c/sec/GIS.
久しぶりの鹿児島ということもあって、冷汗ものです。SN1993J はいるように見えないこともないが...(田村)。今日は、rev2,3 が GEOTAIL の都合でキャンセルされました (窪)。