

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 12 月 05 日 Y+ 653 KSC 当番: Y.Fukazawa、Y.Ohno, Y.Segawa

A1851/Mrk231

	PASS 1		PASS 2		PASS 3		PASS 4		PASS 5							
Pass No.	941204-1030		941204-1138		941204-1237		941204-1340		941204-1443							
Operation	XREP OP/OG-10 WRT TCU MEM MODE ACS-ERR-RST CPU2/3-STOP CPU2/3-RST OP START		X REP SBR-A-RNG SCT-01 WRT S-CTLG CHK OBS MODE RNG-OFF		XREP BDR STOP XREP BDR STOP		XREP CPU 2/3 STP CPU 2/3 RST CPU MEM MODE		XREP SBR-A-RNG RNG-OFF							
Target	A1851		A1851		A1851		A1851		A1851							
AOS(UT)	14:43:40		16:24:37		18:05:41		19:47:26		21:28:51							
LOS(UT)	14:54:31		16:36:44		18:18:14		19:59:58		21:41:12							
Max-El	13.023		43.998		Zenith		75.624		31.908							
Time	14:48:56		16:29:59		——		19:52:59		21:34:21							
Rep-band(stat.)	X (Complete)		X (Complete)		X (Complete)		X (Complete)		X (Complete)							
Rep-start	14:45:30		16:26:42		18:06:30/18:12:10		19:48:02		21:29:40							
DP-mode	OBS		OBS/ACS/OBS		OBS		OBS		OBS							
ACS-mode	Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing		Normal-Pointing							
ACS-spn/ $\theta_s \ \phi_s$	—/—		—/—		—/—		8.67, 169.45		8.71, 169.84							
Attitude	$\begin{bmatrix} 209.270 \\ 17.778 \\ 310.089 \end{bmatrix}$		$\begin{bmatrix} 209.269 \\ 17.778 \\ 310.089 \end{bmatrix}$		$\begin{bmatrix} 209.269 \\ 17.778 \\ 310.089 \end{bmatrix}$		$\begin{bmatrix} 209.270 \\ 17.779 \\ 310.089 \end{bmatrix}$		$\begin{bmatrix} 209.270 \\ 17.779 \\ 310.089 \end{bmatrix}$							
OP-start(CE)	14:50:46 (00h)		Cont (0Ah)		Cont (13h)		Cont (1Ch)		Cont (25h)							
GIS HAM ERR	ERR/RST		Normal		Normal		Normal		Normal							
ACS ERR	(SH)MOMCHG		——-		——		——-		——-							
SIS-mode	Faint/Faint 0123/2301		Faint/Faint 0123/2301		Faint/Faint 0123/2301		Faint/Faint 0123/2301		Faint/Faint 0123/2301							
S0/1-TECT	-32.94/-33.01		-33.38/-33.45		-33.67/-33.74		-34.25/-34.33		-34.83/-34.91							
S0/1-CCDT	-59.65/-59.42		-59.79/-59.51		-59.84/-59.56		-59.84/-59.61		-59.98/-59.70							
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	22cps/24cps		27cps/26cps		29cps/22cps		30cps/31cps		26cps/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	NO	3/4	48	159	218	17.5	17.4	388.83	184.28	1884	
Pass: 941204-1030			3/4		40		159		218		12.0		405.76		180.43 1694	
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	—4.38/4.75	—4.47/4.78	4.82/8.74	4.82/8.17

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
12/05 04:40	Mrk231	5	(194.059 , 56.873)	(193.709 , 33.051 , 319.541)

Comment: 本日の運用:

SIS count rate of A1851 is 0.1c/s. 1パス目はエレベーションが低いのに、CMD LOCK ON が遅れて XREP が少しずれたため repro 終了と X LOCK OFF の間は4秒で、ぎりぎり repro できた。今日は SIS の温度がずっと -60 度より高かった。運用に携わるのが全く初めてながら、てきばきと作業をしていた大野君は今日帰っていきました。お疲れ様。(深沢)初めての運用は非常に緊張しました。やっぱり、真夜中の運用は眠いです。(瀬川)