

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 09 月 27 日 Y+ 1315 KSC 当番: Y.Terashima and K.Kikuchi

4U1822-37 → GC[0, -175]

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960927-0205	960927-0308	960927-0412		960927-0618											
Operation	X-REP OP/OG-05 WRT TCU-MEM OP-START	X-REP SBR-A-RNG STAR-01 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP X-REP BDR-STOP	(YOHKOH)	X-REP CPU2/3-STOP CPU2/3-RST											
Target	4U1822-37	4U1822-37	4U1822-37		GC[0, -175]											
AOS(UT)	02:12:55	03:54:46	05:35:25		08:58:41											
LOS(UT)	02:24:49	04:06:30	05:48:03		09:09:50											
Max-El	18.955°	56.110°	Zenith		21.742°											
Time	02:18:57	04:00:02	—		09:03:55											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	()	X (Complete)											
Rep-start	02:14:08	03:55:16	05:36:10/05:41:54		08:59:12											
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS/GIS/OBS		OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing		Normal-Pointing											
SUN-pos θ_s/ϕ_s	5.29°/259.11°	5.26°/259.61°	5.24°/260.44°		7.08°/316.15°											
Attitude	$\begin{bmatrix} 276.69047^\circ \\ 127.04623^\circ \\ 177.72331^\circ \end{bmatrix}$	$\begin{bmatrix} 276.69080^\circ \\ 127.04572^\circ \\ 177.72338^\circ \end{bmatrix}$	$\begin{bmatrix} 276.69032^\circ \\ 127.04605^\circ \\ 177.72290^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 269.57751^\circ \\ 120.31464^\circ \\ 174.23216^\circ \end{bmatrix}$											
OP-start(CE)	02:21:46 (00h)	Cont (09h)	Cont (13h)	()	Cont (34h)											
GIS HAM ERR	OK	OK	OK		ERR → Reset											
ACS ERR	—	—	—		—											
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333		Faint 0123/2301											
S0/1-TECT	-39.49/-39.38°C	-39.68/-39.58°C	-39.14/-39.14°C		-36.58/-36.81°C											
S0/1-CCDT	-61.62/-61.77°C	-61.67/-61.77°C	-61.67/-61.77°C		-61.62/-61.77°C											
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)											
GIS LD Hit	23/22 cps	36/35 cps	38/36 cps		26/28 cps											
P	X	Y	R	S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT Pk
10	8	8	5	0	FLF	GErr	3/4	48	159	218	13.1	13.1	386.45	776	9298	183.88
Pass: 960927-0205							3/4	40	159	218	7.1		413.83	711	9298	180.84

SIS Mode Changes: Faint/Bright 1111/3333 → Faint 0123/2301, Bright 1111/3333

GIS Mode Changes: PH 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
19.50/23.30	19.50/23.30	-4.55/4.75	-4.55/4.78	4.82/9.03	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/27 08:30	GC[0, -175]	5	(269.2917 , -30.4250)	(269.5773 , 120.3154 , 174.2321)

Comment: 本日の運用: We continued to observe 4U1822-37 (PI White, US). The count rates of 4U1822-37 were 4.7c/s and 13c/s for GIS2+3 ($r < 4'$) and SIS0+1 ($r < 5'$), respectively. 今日からは、銀河中心から銀河面に垂直方向の pointing です。1 点目の GC (0, -175') へは 5pass 目直前に maneuver で積分時間が短かったので結果はまた明日。(寺島) 衆議院解散。万歳三唱。今日は仲秋の名月だそうです。(菊池)