

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

2000 年 04 月 17 日 Y+ 2613 KSC 当番: R. Shibata and T. Ishikawa

SMC_SW_2 → GRS1915+105

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	000417-0618	000417-0721		000417-0928	000417-1031											
Operation	X-REP OP/OG-15 WRT TCU-MEM GIS-ERR-RST OP-START	X-REP SBR-A-RNG STAR-03 WRT S-CTLG-CHK OBSERVE DE-0-ADRS-OF RNG-OFF	(AKEBONO)	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP											
Target	SMC_SW_2	SMC_SW_2		GRS1915+105	GRS1915+105											
AOS(UT)	08:33:07	10:13:03		13:32:37	15:12:10											
LOS(UT)	08:43:51	10:24:10		13:43:56	15:12:20											
Max-El	15.364°	49.03°		66.135°	22.856°											
Time	08:38:30	10:18:00		13:37:37	15:17:12											
Rep-band(stat.)	X (Complete)	X (Complete)	()	X (Complete)	X (Complete)											
Rep-start	08:43:30	10:13:45		13:33:16	15:12:54											
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	5.70°/ 352.52°	5.67°/ 353.02°														
Attitude	$\begin{bmatrix} 12.4815^\circ \\ 163.4344^\circ \\ 76.09744^\circ \end{bmatrix}$	$\begin{bmatrix} 12.4821^\circ \\ 163.4342^\circ \\ 76.0996^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 288.6390^\circ \\ 79.1875^\circ \\ 21.8963^\circ \end{bmatrix}$	$\begin{bmatrix} 288.6389^\circ \\ 79.1873^\circ \\ 21.8945^\circ \end{bmatrix}$											
OP-start(CE)	08:40:26 (00h)	Cont (0Bh)	()	Cont (28h)	Cont (31h)											
GIS HAM ERR	ERR → Reset															
ACS ERR				(SH)MOMCHG → Reset												
SIS-mode	FN/FN 1212/3030	FN/FN 1212/3030		BR/BR 1111/3333	BR/BR 1111/3333											
S0/1-TECT	-39.10/-39.28°C	-39.24/-39.43°C		-38.66/-38.90°C	-38.86/-38.99°C											
S0/1-CCDT	-61.62/-61.77°C	-61.62/-61.77°C		-61.62/-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	25.27/27.00 c s ⁻¹	21.62/25.18 c s ⁻¹		209.2/261.6 c s ⁻¹	208.7/241.1 c s ⁻¹											
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	1	3/4	48	159	218	14.2	14.1	375.24	549	15328	183.96
Pass: 000417-0618							3/4	40	159	218	8.2		402.76	503	15328	180.47

SMC_SW_2 2CCD(1212/3030) FN/BR, LVL ON (0.55KeV), ADR ON
 SIS Mode Changes: GRS1915+105 1CCD(1111/3333) BR/BR, LVL OFF
 ADR ON (4' × 4' at lccd nominal position) for M bit

GIS Mode Changes: SMC_SW_2 PH(10-8-8-5-0)
 GRS1915+105 PH(10-8-8-5-0)

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
18.80/23.30	18.90/23.30	-5.11/5.07	-5.59/5.12	4.82/9.03	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
04/17 12:10	GRS1915+105	5	(288.7980, 10.9460)	(288.6392, 79.1883, 21.8944)

Comment: 本日の運用:

The counting rates of SMC_SW_2(PI:K.Imanishi) with SIS0/GIS2 were 0.022 cts/s and 0.048 cts/s. Those of GRS1915+105 (PI:K.Yamaoka) were 50.5 cts/s for SIS0 and 63.1 cts/s for GIS2, respectively.

★トラブルも無く、平穏無事な一日でした。(柴田)

●今日は、マヌーバがあり貴重な下位ビットの喋りの時間がありました。しかし最近のマヌーバが週に1回くらいなので、いままで機会がなくとても緊張しました。●昼間に火崎に行ってきました。小さい燈台と鳥居と社があるのみでした。もっとでかい燈台を想像していたのですが。(石川)