

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 12 月 10 日 Y+ 2484 KSC 当番: N. Iyomoto and Y. Terada

TON S180

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	991210-0205	991210-0309	991210-0412	991210-0516	991210-0619
Operation	X-REP SBR-A-RNG OP/OG-14 WRT TCU-MEM ASC-ERR- RST CPU2/3-STOP CPU2/3-RST OP-START RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP
Target	TON S180	TON S180	TON S180	TON S180	TON S180
AOS(UT)	02:29:20	04:09:47	05:50:27	07:30:03	09:12:10
LOS(UT)	02:41:23	04:21:56	06:02:27	07:42:26	09:21:31
Max-El Time	34.631° 02:35:10	Zenith —	Zenith —	39.742° 07:36:24	11.352° 09:16:20
Rep- band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (3% Loss)
Rep-start	02:29:58	04:10:30	05:50:56/05:56:34	07:31:31	09:13:09
DP-mode	OBS/TCU/OBS	OBS	OBS	OBS/GIS/OBS	OBS
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing
SUN-pos θ_s/ϕ_s	15.31°/197.28°	15.23°/197.18°	15.17°/197.15°	15.11°/197.11°	15.06°/197.08°
Attitude	$\begin{bmatrix} 14.48126^\circ \\ 112.20659^\circ \\ 208.02563^\circ \end{bmatrix}$	$\begin{bmatrix} 14.48106^\circ \\ 112.20648^\circ \\ 208.02533^\circ \end{bmatrix}$	$\begin{bmatrix} 14.48137^\circ \\ 112.20618^\circ \\ 208.02502^\circ \end{bmatrix}$	$\begin{bmatrix} 14.48087^\circ \\ 112.20623^\circ \\ 208.02537^\circ \end{bmatrix}$	$\begin{bmatrix} 14.48115^\circ \\ 112.20613^\circ \\ 208.02522^\circ \end{bmatrix}$
OP-start(CE)	02:38:40 (00h)	Cont (09h)	Cont (13h)	Cont (1Dh)	Cont (25h)
GIS HAM ERR	ERR → Reset	—	—	—	—
ACS ERR	(SH)MOMCHG →Reset	—	—	—	—
SIS-mode	F/F 1111/3333	F/F 1111/3333	F/F 1111/3333	F/F 1111/3333	F/F 1111/3333
S0/1-TECT	-39.68/ — 39.67°C	-39.53/ — 39.53°C	-39.10/ — 39.14°C	-38.27/ — 38.41°C	-37.74/ — 37.92°C
S0/1-CCDT	-61.62/ — 61.72°C	-61.62/ — 61.72°C	-61.62/ — 61.72°C	-61.62/ — 61.72°C	-61.62/ — 61.72°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)	PH(10-8-8-5-0)
GIS LD Hit	18.6/28.7 c s ⁻¹	33.9/34.6 c s ⁻¹	28.3/26.8 c s ⁻¹	23.5/24.2 c s ⁻¹	22.9/23.1 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	21.3	21.2	358.70	544	15322	184.90
Pass: 991210-0205							3/4	40	159	218	14.7		384.02	499	15322	179.08

SIS Mode Changes: TON S180 with H-bit 1CCD(1111/3333) F/F, LVL(0.55, 0.55 keV) OFF, ADR OFF
TON S180 with M-bit 1CCD(1111/3333) B/B, LVL(0.55, 0.55 keV) OFF, ADR OFF

GIS Mode Changes: TON S180 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
19.40/23.30	19.40/23.30	-5.20/4.77	-4.55/4.78	4.82/9.03	7.04/9.32

Maneuver Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
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Comment: 本日の運用:

The SIS count rate of TON S180 (PI=Turner, MUJ) is 0.5 cts/sec; the GIS count rate is 0.2 cts/sec. ■ 5 パス目は elevation が低いために、データの最後が 15 秒程度再生できませんでした (当番)。● KSC、休む間なし。いっそメールを見

ずに過ごそうか。。(寺田) ●● 今日は5パス運用 & コマンドチェック 3日分でした。コマンドチェックの終わり頃には意識不明に陥りかけましたが、ケーキの力で乗り切りました (伊予本)。