

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 12 月 26 日 Y+ 1405 KSC 当番: T.Kotani and S.Tanaka

Virgo-#1 → Virgo-#2 → Virgo-#3

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5												
Pass No.	961226-0514	961226-0617	961226-0720	961226-0824	961226-0927												
Operation	X-REP OP/OG-13 WRT TCU-MEM ACS-ERR-RST OP-START	X-REP SBR-A-RNG RNG-OFF STAR-02 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG RNG-OFF	X-REP												
Target	Virgo-#1	Virgo-#1	Virgo-#1	Virgo-#2	Virgo-#2												
AOS(UT)	06:30:25	08:11:58	09:53:19	11:35:00	13:16:54												
LOS(UT)	06:43:30	08:25:05	10:06:41	11:47:52	13:27:58												
Max-El	30.485°	74.080°	Zenith	49.299°	16.085°												
Time	06:36:37	08:17:53	—	11:40:51	13:21:55												
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)												
Rep-start	06:31:48	08:12:36	09:54:02/10:00:06	11:35:37	13:17:48												
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS	OBS												
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing												
SUN-pos θ_s/ϕ_s	5.89°/149.81°	5.96°/150.18°	5.99°/150.64°	—/—	—/—												
Attitude	$\begin{bmatrix} 185.44167^\circ \\ 76.33928^\circ \\ 340.08423^\circ \end{bmatrix}$	$\begin{bmatrix} 185.40107^\circ \\ 76.33270^\circ \\ 340.04319^\circ \end{bmatrix}$	$\begin{bmatrix} 185.44144^\circ \\ 76.33914^\circ \\ 340.08427^\circ \end{bmatrix}$	$\begin{bmatrix} 185.59610^\circ \\ 76.91711^\circ \\ 340.18446^\circ \end{bmatrix}$	$\begin{bmatrix} 185.59801^\circ \\ 76.91816^\circ \\ 340.18403^\circ \end{bmatrix}$												
OP-start(CE)	06:40:28 (00h)	Cont (0Ah)	Cont (14h)	Cont (23h)	Cont (2Ch)												
GIS HAM ERR	OK	OK	OK	OK	OK												
ACS ERR	(SH)MOMCHG →Reset	OK	OK	OK	OK												
SIS-mode	Faint 0101/0101	Faint 0101/0101	Faint 0101/0101	Faint 0101/0101	Faint 0101/0101												
S0/1-TECT	-34.88/-34.96°C	-34.25/-34.33°C	-33.62/-33.65°C	-33.23/-33.26°C	-33.33/-33.31°C												
S0/1-CCDT	-61.57/-61.39°C	-61.53/-61.30°C	-61.34/-61.06°C	-61.06/-61.73°C	-60.73/-60.41°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	25/24 cps	29/30 cps	29/30 cps	30/27 cps	21/25 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	0	3/4	48	159	218	15.8	15.8	382.37	234	3518	184.01	
Pass: 961226-0514							3/4	40	159	218	9.8		412.62	223	3518	180.14	

SIS Mode Changes: Virgo: 2CCD F/F (LD 0.7 keV ON/OFF, AD OFF)

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
BatVA	19.20/23.30	-4.90/4.75	-4.86/5.01	4.82/9.03	4.82/8.74

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
12/26 11:20	Virgo-#2	1	(185.8850, 13.1201)	(185.5965, 76.9171, 340.1840)
12/26 22:20	Virgo-#3	2	(186.3093, 13.5443)	(186.0216, 76.4952, 340.2532)

Comment: 本日の運用: The current target is Virgo (PI = T. Ohashi [JPN], CG, total = 80 ks). The typical flux is 0.02 cnt/s/($\pi 3' \times 3'$)/SIS and 0.01 cnt/s/($\pi 4' \times 4'$)/GIS.

4パス後はようこうにすぐ引き継ぐので、GIS メモリ・チェックは3パス目に行ないました

ここに来た日はすごく寒かったのですが、最近は暖かいし運用時間も早くなってきたので結構快適です。でも明日で終り...(田中)

相模原当番の菊池君、藤本君、忘年会にも出ずにおつかれさまでした。でも返事が遅かったのは決してみなが吞んでるあいだも運用してる KSC 当番の腹癒せではないからね。たぶん。(小谷)