

「あすか」 OPERATION REPORT Ver.1.5

94 年 5 月 23 日 Y+ 457 KSC 当番: Y.Kamata, R.Fujimoto、K.Mutoh

MS1248.7+5706 → HD129333

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940523-1031	940523-1134	940523-1237	940523-1341	940523-1444					
Operation	X REP OP/OG WRT TCU MEM MODE CPU2/3 STOP CPU2/3 RST ERRCODE RST OP START	X REP SBR-A RNG SCT WRT/CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP					
Target	MS1248.7+5706	MS1248.7+5706	MS1248.7+5706	MS1248.7+5706	MS1248.7+5706					
AOS(UT)	15:00:30	16:42:36	18:23:51	20:05:46	21:47:32					
LOS(UT)	15:13:40	16:55:40	18:37:17	20:18:37	21:59:06					
Max-El Time	27.099 15:07:00	68.869 16:48:24	Zenith —	54.946 20:11:40	18.509 21:52:53					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	15:02:17	16:43:25	18:24:43/18:30:27	20:06:33	21:48:41					
DP-mode	OBS/TCU/OBS	OBS/ACS/OB	OBS	OBS/GIS/OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	-°, -°	7.57°, 112.86°	7.51°, 112.84°	7.43°, 112.88°	7.37°, 112.86°					
Attitude	$\begin{bmatrix} 193.1021 \\ 33.2380 \\ 140.3222 \end{bmatrix}$	$\begin{bmatrix} 193.1015 \\ 33.2380 \\ 140.3232 \end{bmatrix}$	$\begin{bmatrix} 193.1008 \\ 33.2378 \\ 140.3234 \end{bmatrix}$	$\begin{bmatrix} 193.1001 \\ 33.2381 \\ 140.3238 \end{bmatrix}$	$\begin{bmatrix} 193.1010 \\ 33.2382 \\ 140.3229 \end{bmatrix}$					
OP-start(CE)	15:10:51 (00h)	Cont (09h)	Cont (12h)	Cont (1Bh)	Cont (24h)					
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323					
S0/1-TECT	-41.72/-41.67	-42.06/-42.02	-42.15/-42.05	-42.93/-42.88	-43.71/-43.66					
S0/1-CCDT	-61.67/-61.77	-61.67/-61.77	-61.67/-61.81	-61.67/-61.81	-61.67/-61.81					
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	25cps/24cps	25cps/28cps	29cps/31cps	30cps/28cps	25cps/22cps					
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	NONE	3/4	48	159 218	15.8	15.2	394.81	183.93	3352
Pass: 9405231031			3/4	40	159 218	9.8		412.43	180.70	3109
GIS Mode Changes: 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
20.10/23.40	20.10/23.50	-4.25/4.73	-4.38/4.76	4.82/8.74	4.82/8.17

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
05/24 12:35	HD129333	1	(219.7496 , 64.2922)	(220.0496 , 25.8678 , 108.7046)

Comment: 本日の運用:

We observed MS1248.7+5706, an AGN(PI:Elvis). Observed count rate is 0.018 cnts/sis0. The temperature of SIS is now very low and stable. 今回は ESJ ですので、QL 結果は SSOC 以外には FAX しません。

今日は、1 パス目の 15 分前に起こされるといふ大失敗をしてしまいました。海より深く反省。(武藤)

さようなら。(藤本)

今日は全国的に晴れて気温も高いと天気予報では言っていたが、KSC は朝大雨でテレメータは雲の中だった。(鎌田)