

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 4 月 27 日 Y+ 1162 KSC 当番: Y. Ishisaki and K. Akiyama

0806+20 → AR UMa

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960427-0411	960427-0514	960427-0617	960427-0721	960427-0824											
Operation	X-REP ACS-ERR-RST OP/OG-02 WRT TCU-MEM SCT-05(#6) WRT SCT-05 CHK OBS-MODE OP-START	X-REP SBR-A-RNG SCT-06(#1) WRT SCT-06 CHK OBS-MODE RNG-OFF	X-REP ACS-MODE STT-MAPPER ACS-ERR-RST ACP[04,00,08,29,73] ACP[05,00,E2,B4,68] ACP[06,00,E1,08,87] ACP[07,00,3E,BE,DA] ATT-UPDATE ACP[41,06] MNV-START BDR-STOP X-REP STA-CAL-ENA BDR-STOP STB-CAL-ENA OBS-MODE STT-TRACKER	X-REP SBR-A-RNG CPU2/3-STP CPU2/3-RST GIS-MEM ACS-MODE STT-MAPPER OBS-MODE STT-TRACKER RNG-OFF	X-REP											
Target	0806+20	near AR UMa	near AR UMa → AR UMa	AR UMa	AR UMa											
AOS(UT)	04:59:09	06:40:31	08:21:13	10:02:56	11:44:20											
LOS(UT)	05:10:33	06:52:31	08:34:06	10:15:42	11:56:04											
Max-El	14.931°	48.409°	Zenith	71.116°	28.196°											
Time	05:04:40	06:45:41	—	10:08:31	11:49:47											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	05:00:31	06:41:17	08:21:48/08:31:23	10:03:56	11:45:23											
DP-mode	OBS/TCU/OBS /ACS/OBS	OBS/ACS/OBS	OBS/ACS/OBS	OBS/MEM/OBS /ACS/OBS	OBS											
ACS-mode	Normal-Pointing	Normal-Pointing	Norm/MNV/Norm	Normal-Pointing	Normal-Pointing											
SUN-pos θ_S/ϕ_S	7.29°/8.86°	19.26°/177.60°	19.25°/179.05°	19.248°/179.275°	19.15°/179.28°											
Attitude	$\begin{bmatrix} 122.488^\circ \\ 69.561^\circ \\ 168.689^\circ \end{bmatrix}$	$\begin{bmatrix} 169.299^\circ \\ 46.983^\circ \\ 138.166^\circ \end{bmatrix}$	$\begin{bmatrix} 169.195^\circ \\ 47.109^\circ \\ 137.847^\circ \end{bmatrix}$	$\begin{bmatrix} 169.195^\circ \\ 47.109^\circ \\ 137.847^\circ \end{bmatrix}$	$\begin{bmatrix} 169.195^\circ \\ 47.109^\circ \\ 137.847^\circ \end{bmatrix}$											
OP-start(CE)	05:06:55 (00h)	Cont (0Dh)	Cont (14h)	Cont (1Eh)	Cont (28h)											
GIS HAM ERR	—	—	—	—	—											
ACS ERR	(SH)MOMCHG → Reset	—	(SH)MOMCHG → Reset	—	—											
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333											
S0/1-TECT	-38.32/-38.12°C	-38.47/-38.31°C	-37.69/-37.53°C	-36.33/-36.13°C	-35.22/-34.96°C											
S0/1-CCDT	-61.67/-61.77°C	-61.67/-61.77°C	-61.67/-61.77°C	-61.62/-61.72°C	-61.62/-61.72°C											
GIS-mode	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)											
GIS LD Hit	23/22 cps	25/27 cps	28/30 cps	28/32 cps	28/28 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	0	3/4	48	159	218	12.0	12.0	393.09	837	9548	183.72
Pass: 960427-0411							3/4	40	159	218	6.0		418.91	775	9548	180.96

SIS Mode Changes: Faint(bit-H/M) 1111/3333, LVL OFF, ADR OFF for 0806+20 and AR UMa

GIS Mode Changes: PH 10-8-8-5-0-0 for 0806+20 and AR UMa

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	19.40/23.30	-4.86/4.73	-4.55/4.78	6.48/8.17	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
4/27 05:15	near AR UMa	6	(— , —)	(169.299° , 46.983° , 138.166°)
4/26 17:28	AR UMa	6	(168.9371° , 42.9729°)	(169.195° , 47.109° , 137.847°)

Comment: 本日の運用: We observed 0806+20 and AR UMa (CV; PI=P. Szkody, US). AR UMa was faint and almost

undetectable with QL analysis.

今日も、昨日と同様 3 pass にトリムマヌーバを行ないました。3 pass が終るとなんかどっと疲れた、という感じになります。4 pass, 5 pass は、楽だったのですが。

KSC の WS (raijin & raimei) のスワップ領域を増やしました。これでもう xspec を 2 つ立ち上げたって大丈夫です。また xspec を version 9.00 にし、mule をインストールしました。

こちらでは、いい天気が続いていますが、今日こっちに来て初めて海の方まで降りてみました。天気予報によれば、連休中も基本的に晴れようです。連休に入り KSC の方にもちらほらと家族づれなどが来ていました。(石崎)

昨日突然コピー機が新しくなりました。それに乾燥機の扉も直っていました。これでもう乾燥機に例の ”つまようじ” を差さなくてもよくなりました。あとは建物だけです。(秋山一也) コピー機は前の方が良かったと思う。(石崎)