「あすか」 OPERATION REPORT Ver.1.5

93 年 12 月 22/23 日 Y+ 305/306 KSC 当番: 満田 、 秋元

SA57/NGC3783/3C279

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	931222–1135	931222–1239	931222–1342	931222–1445	931223–0001
Operation	X REP SBR-A RNG OP/OG-WT/CK RNG OFF	X REP SCT WRT/CHK BDR STOP X REP OBS MODE BDR STOP	X REP CPU2/3 STOP CPU2/3 REST BDR STOP X REP BDR STOP	X REP SBR-A RNG RNG OFF	X REP CPU2/3 STOP CPU2/3 REST
Target	3C279	3C279	3C279	3C279	3C273
AOS(UT) LOS(UT)	17:19:26 17:32:35	19:01:06 19:14:16	20:43:04 20:55:17	22:24:59 22:37:02	00:07:17 00:11:37
Max-El Time	35.71 17:25:45	Near Zenith -:-:-	Zenith —	41.05 22:30:30	11.8 00:11:37
Rep-band(stat.) Rep-start	X (Completed) 17:20:45	X (Completed) 19:02:03/19:07:39	X (Completed) 20:43:49/20:49:35	X (Completed) 22:25:39	X (Completed) 00:07:49
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS
ACS-mode ACS-spn/θ_s ϕ_s	Normal–Pointing –°, –°	Normal–Pointing 13.1°, 1.51°	Normal–Pointing 13.0°, 1.5°	Normal–Pointing 13.0°, 1.5°	Normal–Pointing 3.6°, 8.0°
Attitude	$\begin{bmatrix} 193.842 \\ 95.778 \\ 337.402 \end{bmatrix}$	$\begin{bmatrix} 193.843 \\ 95.778 \\ 337.401 \end{bmatrix}$	$\begin{bmatrix} 193.842 \\ 95.777 \\ 337.399 \end{bmatrix}$	$\begin{bmatrix} 193.842 \\ 95.778 \\ 337.400 \end{bmatrix}$	$\begin{bmatrix} 187.072 \\ 87.934 \\ 336.730 \end{bmatrix}$
OP-start(CE)	17:29:31 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (25h)
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	−36.09/−35.98	−36.29/−36.17	−36.77/−36.66	−37.30/−37.10	−38.76/−38.51
S0/1-CCDT	−61.67/−61.67	−61.67/−61.67	−61.67/−61.58	−61.67/−61.62	−61.67/−61.77
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	23cps/25cps	29cps/25cps	31cps/26cps	27cps/25cps	27cps/27cps

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	2	3/4	48	159	218	13.1	12.5	405.66	183.62	1086
Pass: 9312231135							3/4	40	159	218	7.1		425.69	181.46	1147

GIS Mode Changes: none

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
20.00/23.40	20.00/23.50	−4.51/4.73	−4.68/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
12/23 23:00	3C273	5	(187.278 , 2.053)	(-172.927 , 87.932 , -23.271)
12/24 05:05	step to MR2251	6	(- , -)	(11.18 , 109.78 , -155.17)
12/24 05:40	MR2251–178	1	(343.524 , -17.582)	(-16.323 , 107.437 , -154.017)
12/24 13:00	step to SA57	2	(- , -)	(6.91 , 90.88 , -162.71)
12/24 13:25	SA57	3	(197.157 , 29.3853)	(-163.263 , 60.622 , -18.964)

Comment: 本日の運用:
3C279 was observed with intensity 0.18 c/s(GIS) and 0.6 c/s (SIS). 3C273 was observed with intensity 2.47 c/s(GIS) and 3.7 c/s (SIS).

今日はまたしても、平穏無事だった。KSC で降りてくるデータは、おなじみさんばかりで、つまらない。先週来てから、MR2251、3C273、3C279 ばかりのような気がする。昨日から小川原先生がお見えになって、KSC の老朽化した施設の視察をなさっています。（KM）もし運用最終日に何か起きたら帰れなくなると脅かされてます。そんな ばなな！ でも当然だな（あきえ）