「あすか」 OPERATION REPORT Rev.5 Ver 3.1

95 年 10 月 14 日　Y+ 966　KSC 当番: Y. Ikebe, and K. Kinugasa

AE Aqr/GRO-J2019+37/MS0735.6+7421/SGR1806-20

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	951014–0413	951014–0516	951014–0619	951014–0723	951014–0825
Operation	X REP SBR-A RNG OP/OG 15 WRT TCU MEM MODE OP START RNG OFF	X REP STAR-01 WRT S-CTLG CHK OBSERVE MODE CPU STP/RST	(YOHKOH)	X REP SBR-A RNG CPU STP/RST GIS MEM MODE RNG OFF	(YOHKOH)
Target	AE Aqr	AE Aqr		AE Aqr	
AOS(UT) LOS(UT)	06:06:12 06:19:40	07:47:39 08:01:09		11:11:13 11:23:57	
Max-El Time	34.05 06:12:35	77.506 07:53:58		44.708 11:17:00	
Rep-band(stat.) Rep-start	X (Complete) 06:07:41	X (Complete) 07:48:44	( )	X (Complete) 11:12:01	( )
DP-mode	OBS →TCU→OBS	OBS→ACS→OBS		OBS	
ACS-mode SUN-pos θ_s/ϕ_s Attitude	Normal–Pointing 20.91 / 180.04 [310.21851 90.77272 188.81496]	Normal–Pointing 20.96 / 180.11 [310.21829 90.77288 188.81609]	[ ]	Normal–Pointing —– / —– [310.21890 90.77262 188.81567]	[ ]
OP-start(CE)	06:16:31 (00h)	Cont (08h)	( )	Cont (17h)	( )
GIS HAM ERR	Normal	Err→Normal		Err → Normal	
ACS ERR	—–	—–		—–	
SIS-mode S0/1-TECT S0/1-CCDT	Faint 1111/3333 −34.20/−34.38 −60.31/−60.12	Faint 1111/3333 −33.57/−33.84 −60.31/−60.12		Faint 1111/3333 −31.87/−32.24 −59.84/−59.70	
GIS-mode GIS LD Hit	PH(10–8–8–5–0) 27/22 cps	PH(10–8–8–5–0) 30/31 cps		PH(10–8–8–5–0) 26/28 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	No	3/4	48	159	218	19.1	19.6	374.22	1594	14838	184.34
Pass: 951014-0413							3/4	40	159	218	14.2		400.28	1432	14838	179.81

SIS Mode Changes: F/B 1111/3333 LVL Dscr off for AE Aqr
F/B 0123/2301 LVL Dscr(0.48keV) on for GRO-J2019+37
F/F 1111/3333 LVL Dscr off for MS0735.6+7421
F/F 1111/3333 LVL Dscr(0.41keV) on for SGR1806-20

GIS Mode Changes: PH (8–6–6–0–0) for SGR1806-20

Battery Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
19.60/23.10	19.50/23.00	−4.86/4.77	−4.21/4.78	9.60/10.77	15.67/17.62

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/14 23:30	GRO-J2019+37	1	(304.94 , 37.32)	(305.2423 , 52.5563 , 177.159376)
10/15 12:30	MS0735.6+7421	2	(115.4354 , 74.2442)	(114.6965 , 15.7900 , 353.2722)
10/16 01:00	SGR1806-20	3	(272.1677 , -20.4113)	(272.3746 , 110.3370 , 182.0469)

Comment: 本日の運用: The counting rate of AE Aqr(CV) is 0.14 c/s/1sensor for GIS (within central 4 arcmin radius) and 0.5 c/s/1sensor for SIS (1 chip).
今日のターゲットは強磁場激変性白色わい星でした、そのスペクトルはケンタウルス座銀河団のスペクトルとそっくりでした。今日もまた銀河団であったか。（池辺）

今日は、アンテナに行ってきました。天気がよく、眺めがよかったので、しばらくの間、ボーッとしてしました。（衣笠）