

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1998 年 11 月 30/01 日 Y+ 2109/2080 KSC 当番: A.Yoshida and
H.Ogata/S.Ichimarui

1150+497 → NGC3507

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	981130-1239	981130-1342	981130-1445	981201-0001	981201-0104
Operation	X-REP OP/OG-13 WRT TCU-MEM CPU2/3-STOP CPU2/3-RST OP-START	X-REP SBR-A-RNG STAR-04 WRT S-CTLG-CHK OBSERVE ERR-CODE- RST RNG-OFF	X-REP CPU2/3-STOP CPU2/3-RST BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP
Target	1150+497	1150+497	1150+497	NGC3507	NGC3507
AOS(UT)	19:00:31	20:41:08	22:21:38	00:03:18	01:44:16
LOS(UT)	19:11:19	20:52:58	22:34:08	00:15:17	01:56:07
Max-El	12.74°	41.67°	Zenith	74.80°	29.70°
Time	19:05:44	20:46:28	—	00:08:35	01:49:32
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)
Rep-start	19:01:24	20:41:56	22:22:38/22:28:10	00:04:16	01:44:50
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS	OBS	OBS/GIS/OBS	OBS
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing
SUN-pos θ_s/ϕ_s	5.40°/231.23°	5.47°/231.15°	5.57°/231.23°	12.13°/ 84.21°	12.12°/ 84.57°
Attitude	$\begin{bmatrix} 178.0484^\circ \\ 40.4270^\circ \\ 325.7446^\circ \end{bmatrix}$	$\begin{bmatrix} 178.0488^\circ \\ 40.4269^\circ \\ 325.7438^\circ \end{bmatrix}$	$\begin{bmatrix} 178.0490^\circ \\ 40.4269^\circ \\ 325.7438^\circ \end{bmatrix}$	$\begin{bmatrix} 165.6413^\circ \\ 71.8898^\circ \\ 348.6467^\circ \end{bmatrix}$	$\begin{bmatrix} 165.6417^\circ \\ 71.8901^\circ \\ 348.6478^\circ \end{bmatrix}$
OP-start(CE)	19:07:41 (00h)	Cont (0Ah)	Cont (14h)	Cont (23h)	Cont (2Dh)
GIS HAM ERR	ERR → Reset		ERR → Reset	ERR → Reset	
ACS ERR		(SH)MOMCHG → Reset			
SIS-mode	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333
S0/1-TECT	-39.83/-39.58°C	-40.21/-40.01°C	-40.31/-40.11°C	-40.55/-40.30°C	-40.41/-40.16°C
S0/1-CCDT	-61.62/-61.72°C	-61.62/-61.72°C	-61.62/-61.72°C	-61.62/-61.72°C	-61.62/-61.72°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	26.92/22.74 c s ⁻¹	31.11/29.70 c s ⁻¹	30.25/30.17 c s ⁻¹	28.60/30.10 c s ⁻¹	29.12/26.75 c s ⁻¹

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	3	3/4	48	159	218	15.8	15.8	374.62	724	15052	183.96
Pass: 981130-1239							3/4	40	159	218	9.8		399.84	713	15052	180.37

SIS Mode Changes:	1150+497	1CCD(1111/3333)	F/F LD OFF
	NGC3507	1CCD(1111/3333)	F/F LD OFF

GIS Mode Changes:	1150+497	PH(10-8-8-5-0-0)
	NGC3507	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
18.70/23.20	18.70/23.40	-4.51/4.73	-5.33/4.78	4.55/8.74	4.55/7.61

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
11/30 23:00	NGC3507	4	(165.8562, 18.1375)	(165.6415, 71.8905, 348.6481)

Comment: 本日の運用: *ASCA* observed 1150+497 (AGN, PI: Sambruna, US) and NGC3507 (GAL, PI: Terashima, JPN).

本日 4:30am、「あすか」とともに市丸君消感－宮崎の実家で1回散乱したのち、名古屋に帰る様子(帰-屋(?)とか謂うのだろうか): お疲れさまでした。さて、薩摩は「虎」騒動で大いに盛り上がったようだが、大隅の片隅での日々は常の如く過ぎる。山霧に煙った昨夜の34mは迫力があつた。それにしても遅くまで作業をしているものである(あ吉田)。持病のようつうが悪化しつつある。山をくだってカイロプラクティックにでも行ってこようかなあ。(緒方)