

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1998 年 09 月 23 日 Y+ 2041 KSC 当番: K.Yoshida and M.Ando

NP-SP-L27-B15 → NP-SP-L28-B15 → NP-SP-L28.5-B15 → NP-SP-L29-B15 → XTE-J1550-564

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	980923-0412	980923-0515	980923-0618	980923-0722	
Operation	X-REP OP/OG-04 WRT TCU-MEM STAR-03 WRT S-CTLG-CHK OBSERVE ACS-ERR- RST OP-START	X-REP SBR-A-RNG STAR-04 WRT S-CTLG-CHK OBSERVE RNG-OFF	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG CPU2/3-STP CPU2/3-RST RNG-OFF	(AKEBONO)
Target	NP-SP-L27-B15	NP-SP-L28-B15	NP-SP-L28-B15	NP-SP-L28-B15	
AOS(UT)	05:38:05	07:19:45	00:00:34	10:42:09	
LOS(UT)	05:50:31	07:31:47	09:12:52	10:54:01	
Max-El	24.54°	66.62°	Zenith	51.39°	
Time	05:44:09	07:25:08	—	10:47:26	
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	()
Rep-start	05:39:02	07:20:28	09:01:14/09:06:54	10:42:44	
DP-mode	OBS/TCU/ACS/O	OBS/ACS/OBS	OBS/GIS/OBS	OBS	
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing	
SUN-pos θ_s/ϕ_s	6.81°/306.77°	5.70°/309.99°	5.75°/310.22°	5.84°/310.28°	
Attitude	$\begin{bmatrix} 266.1242^\circ \\ 89.9884^\circ \\ 174.4334^\circ \end{bmatrix}$	$\begin{bmatrix} 266.5766^\circ \\ 89.1312^\circ \\ 175.5826^\circ \end{bmatrix}$	$\begin{bmatrix} 266.5769^\circ \\ 89.1314^\circ \\ 175.5835^\circ \end{bmatrix}$	$\begin{bmatrix} 266.5770^\circ \\ 89.1315^\circ \\ 175.5833^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$
OP-start(CE)	05:47:30 (00h)	Cont (0Fh)	Cont (19h)	Cont (24h)	()
GIS HAM ERR				ERR → Reset	
ACS ERR	(SH)MOMCHG → Reset				
SIS-mode	Faint 1111/333	Faint 1111/3333	Faint 1111/3333	Faint 1111/3333	
S0/1-TECT	-36.09/-36.03°C	-35.56/-35.44°C	-34.68/-34.67°C	-33.81/-33.84°C	
S0/1-CCDT	-61.62/-61.58°C	-61.62/-61.67°C	-61.57/-61.62°C	-61.43/-61.34°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)	
GIS LD Hit	25.23/25.03 c s ⁻¹	25.32/29.22 c s ⁻¹	29.76/31.55 c s ⁻¹	27.86/29.20 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	1	3/4	48	159	218	13.1	13.1	378.85	782	15246	183.74
Pass: 980923-0412							3/4	40	159	218	7.1		408.70	743	15246	180.57

SIS Mode Changes: XTE-J1550-564 1CCD(1111/3333) B/B, AD on

GIS Mode Changes:

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
18.40/23.20	18.50/23.40	-5.50/4.75	-5.16/4.78	4.82/8.74	4.55/7.89

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
09/23 07:10	NP-SP-L28-B15	2	(266.3783, 0.8716)	(266.5765, 89.1314, 175.5835)
09/23 12:10	NP-SP-L28.5-B15	3	(266.8290, 1.6720)	(267.0275, 88.2735, 175.7103)
09/23 17:10	NP-SP-L29-B15	4	(267.2762, 2.5283)	(267.4774, 87.4213, 174.8271)
09/23 23:00	XTE-J1550-564	5	(237.7449, -56.4764)	(238.0630, 146.5133, 152.0509)

Comment: 本日の運用: ASCA observed NP-SP-L25-B15, NP-SP-L26-B15, NP-SP-L27-B15, NP-SP-L28-B15 (SNR, Kamae, JPN). A few faint sources were detected with GIS in the field of NP-SP available at KSC. The X-ray counting rates were about 0.005 c/s for GIS. ここ 2、3 日建物の外に出ていないことに気付きました。悲しいことなので明日は外に出てみることにします (吉田 K)。だいぶ運用やここでの生活になれてきました。明日から、そろそろこの周辺の探索に行こうかなあと思っています。また、KSC に来てからずっと 5 パスだったため、今日の 4 パスだけというのは非常に楽でした。ドラマの最終回もみることができました。(安東)。