

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

2000 年 07 月 03/04 日 Y+ 2690/2691 KSC 当番: K. Kikuchi and S. Takahashi

ARK564

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	000703-1135	000703-1238	000703-1342	000703-1445	000703-1548						
Operation	X-REP OP/OG-04 WRT TCU-MEM OP-START	X-REP SBR-A-RNG CPU2/3-STOP CPU2/3-RST GIS-MEM RNG-OFF	X-REP BDR-STOP X-REP BDR-STOP	X-REP SBR-A-RNG RNG-OFF	34m Antenna						
Target	ARK564	ARK564	ARK564	ARK564	ARK564						
AOS(UT)	17:13:12	18:52:58	20:31:50	22:11:44	23:51:04						
LOS(UT)	17:24:29	19:04:18	20:43:42	22:23:07	00:01:58						
Max-El	15.343°	48.813°	Zenith	67.287°	23.435°						
Time	17:18:51	18:57:58	—	22:16:51	23:56:03						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)						
Rep-start	17:14:34	18:53:46	20:32:33/20:38:05	22:12:31	23:51:48						
DP-mode	OBS/TCU/OBS	OBS	OBS	OBS	OBS						
ACS-mode	Normal- Pointing	Normal- Pointing	Normal- Pointing	Normal- Pointing							
SUN-pos θ_s/ϕ_s	20.05°/226.04°	20.12°/226.03°	20.16°/225.93°	20.25°/225.98°							
Attitude	$\begin{bmatrix} 340.48534^\circ \\ 60.43530^\circ \\ 22.13533^\circ \end{bmatrix}$	$\begin{bmatrix} 340.48562^\circ \\ 60.43524^\circ \\ 22.13526^\circ \end{bmatrix}$	$\begin{bmatrix} 340.48606^\circ \\ 60.43515^\circ \\ 22.13516^\circ \end{bmatrix}$	$\begin{bmatrix} 340.48586^\circ \\ 60.43519^\circ \\ 22.13515^\circ \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$						
OP-start(CE)	17:20:52 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (28h)						
GIS HAM ERR											
ACS ERR	(SH)MOMCHG → Reset			(SH)MOMCHG → Reset							
SIS-mode	FN/FN 1111/3333	FN/FN 1111/3333	FN/FN 1111/3333	FN/FN 1111/3333	FN/FN						
S0/1-TECT	-32.07/ — 32.14°C	-32.55/ — 32.58°C	-33.13/ — 33.16°C	-33.81/ — 33.79°C							
S0/1-CCDT	-57.91/ — 57.64°C	-58.01/ — 57.69°C	-58.15/ — 57.87°C	-58.43/ — 58.11°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						
GIS LD Hit	20.88/22.32 c s ⁻¹	22.32/24.72 c s ⁻¹	27.63/26.43 c s ⁻¹	29.30/28.29 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	19.6 19.6		361.83 459	14546	184.56	
Pass: 000703-1135			3/4	40	159 218	14.2		383.31 436	14546	179.02	

SIS Mode Changes: ARK 564 1CCD(1111/3333) FN/FN, ADR OFF, LVL 0.55keV

GIS Mode Changes: ARK 564 PH(10-8-8-5-0)

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
18.50/23.20	18.60/23.30	-4.77/4.75	-5.68/4.89	4.82/8.74	4.55/8.46

Comment: 本日の運用:

We continue to observe Arakelian 564 (PI: J. Turner). The count rates of Ark 564 with SIS ($r < 3'$) and GIS ($r < 4'$) were 0.95 cnts/s and 0.64 cnts/s, respectively.

●本日の観測も順調でございます。ARK 546 (1400 ksec) の観測も残りあと 2 日。NEC の 34m の運用担当の方から、「34 m受信・OP 手順書」に AOS/LOS 等の実績を記入するための「ワク」を作ってもらいたいとの要望がありました。高橋せいじ君が、手順書の改訂作業を進めてくれております。●さて KSC の生活は、刺身がウマイ、薩摩揚げがウマイ、冷えたビールがこれまたウマイ。うまくないのは運用時間帯だけ。(菊池)

●せいじ「北斗百裂拳!!!」