

半こそは”お宿題”をこなさなくては！と慌てています。田代さん、三原さん、進んでなくてすみません！頑張ります。(K.Okada)

「あすか」 OPERATION REPORT Rev.5 Ver 3.0

94 年 6 月 15 日 Y+ 480 KSC 当番: T.Tsuru 、 K.Okada

MKW4 NE→Mkn290

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940615-0308	940615-0412	940615-0515	940615-0619	940615-0722					
Operation	X REP OP/OG-11 RAM TCU MEM DE-0 ADRS OF (04:04:21) OP STRT	X REP SBR-A RNG STAR-01 RAM S-CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP BDR STOP	X REP SBR-A RNG CPU2/3 STOP CPU2/3 RST GIS MEM MODE RNG OFF	X REP					
Target	MKW4 NE	MKW4 NE	MKW4 NE	MKW4 NE	MKW4 NE					
AOS(UT)	03:59:04	05:41:10	07:22:07	09:03:57	10:45:49					
LOS(UT)	04:11:02	05:53:02	07:34:33	09:15:47	10:56:15					
Max-El Time	24.534 04:05:02	66.541 05:46:18	Zenith —	51.994 09:09:20	16.785 10:50:28					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	04:00:44	05:43:00	07:23:11/07:28:35	09:05:11	10:46:33					
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					
ACS-spn/ θ_s ϕ_s	6.59°, 181.71°	6.54°, 181.72°	6.49°, 181.74°	6.39°, 181.77°	6.34°, 181.78°					
Attitude	$\begin{bmatrix} 181.562 \\ 88.019 \\ 155.957 \end{bmatrix}$	$\begin{bmatrix} 181.56185 \\ 88.01910 \\ 155.95652 \end{bmatrix}$	$\begin{bmatrix} 181.562 \\ 88.019 \\ 155.957 \end{bmatrix}$	$\begin{bmatrix} 181.672 \\ 87.555 \\ 155.845 \end{bmatrix}$	$\begin{bmatrix} 181.562 \\ 88.020 \\ 155.957 \end{bmatrix}$					
OP-start(CE)	04:08:22 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (28h)					
GIS HAM ERR	NORM	NORM	NORM	ERR	NORM					
ACS ERR	—	—	—	—	—					
SIS-mode	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123	Faint/Faint 0123/0123					
S0/1-TECT	−36.92/−36.85	−35.95/−35.88	−36.04/−35.88	−35.07/−35.01	−33.76/−33.79					
S0/1-CCDT	−61.62/−61.44	−61.62/−61.62	−61.67/−61.77	−61.67/−61.70	−61.53/−61.44					
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	26cps/22cps	27cps/26cps	27cps/28cps	30cps/28cps	22cps/25cps					
P X Y R S	Pos	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10 8 8 5 0	FLF	3/4	48	159	218	14.2	13.6	399.14	183.91	2238
Pass: 9406150308		3/4	40	159	218	8.2		417.38	181.06	2108
GIS Mode Changes: 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
20.03/23.40	20.07/23.50	-4.13/4.75	-4.18/4.77	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
06/15 11:50	Mkn290	5	(233.9675 , 57.9022)	(234.2337 , 32.2465 , 114.5016)

Comment: 本日の運用:

Today's oservation is mapping of poor cluster MKW4 (PI:Tsuru JPN). SIS0 spectrum needs extra absorption of $nH=2e21$ cm-2, which was already reported. On the other hand, upper limit on the extra absorption in GIS2+3 spectrum is $nH=1e21$ cm-2. Further analysis is needed. どうも MKW4 の吸収は本当なのかどうか分らない。これは Faint モードのスペクトルですが、KSC のレスポンスは正しいのでしょうかねぇ。もうすぐ終り (T.Tsuru)。早いもので、お当番の半分が過ぎてしまいました。今までは無我夢中でお当番の仕事しか出来ていません。ですが、後