

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

96 年 3 月 21 日 Y+ 1125 KSC 当番: S. Ueno, H. Kaneda and H. Fujiwara

RX 1712-24, Mkn 501.1, 4C38.41_2, Gamma Vel

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	960321-0101	Passnum2	960321-0308	Passnum4	960321-0515						
Operation	X REP SBR A RNG OP/OG-12 WRT TCU MEM MODE OP START BAT-B-TCL-ON RNG OFF	YOHKOH	X REP SCT03-WRT/CHK Obs Mode BDR STOP X REP CPU2/3 STOP/RST GIS MEM BDR STOP	YOHKOH	X REP						
Target	RX 1712-24		RX 1712-24		Mkn 501#1						
AOS(UT)	00:21:38		03:44:25		07:08:03						
LOS(UT)	00:33:59		04:57:05		07:17:57						
Max-El Time	33.732 00:27:23		Zenith —		12.663 07:12:33						
Rep-band(stat.) Rep-start	X (Complete) 00:22:58	()	X (Complete) 03:45:11/03:50:43	()	X (Complete) 07:08:37						
DP-mode	OBS → TCU → OBS		OBS → ACS → OBS		OBS						
ACS-mode SUN-pos θ_s/ϕ_s	Normal-Pointing 11.81/190.41		Normal-Pointing 11.93/190.30		Normal-Pointing 14.09/159.39						
Attitude	$\begin{bmatrix} 257.9297 \\ 114.2863 \\ 352.7177 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 257.9279 \\ 114.2881 \\ 352.7179 \end{bmatrix}$	$\begin{bmatrix} \\ \\ \end{bmatrix}$	$\begin{bmatrix} 253.25101 \\ 50.35945 \\ 16.76664 \end{bmatrix}$						
OP-start(CE)	00:31:10 (01h)	()	Cont (14h)	()	Cont (2Eh)						
GIS HAM ERR	—		—		—						
ACS ERR	(SH)MOMCHG — Reset		(SH)MOMCHG — Reset		—						
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0101/2323 -39.68/-39.28 -61.62/-61.72		Faint/Faint 0101/2323 -38.71/-38.26 -61.62/-61.72		Faint/Faint 1111/3333 -38.13/-38.75 -61.62/-61.72						
GIS-mode GIS LD Hit	PH(10-8-8-5-0) 27/26 cps		PH(10-8-8-5-0) 36/35 cps		PH(10-8-8-5-0) 25/23 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	16.9 16.9	16.9	380.70	1490	15102	184.30
Pass: 9603210101			3/4	40	159 218	11.5		403.51	1301	15102	180.19

SIS Mode Changes: Faint(bit-H),Bright(bit-M) 0101/2323, LVL OFF for RX 1712-24
 Faint(bit-H),Bright(bit-M) 1111/3333, LVL OFF for Mkn 501#1
 Faint(bit-H/M) 1111/3333, LVL OFF for 4C38.41#2 and Gamma Vel

GIS Mode Changes: 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
19.60/23.30	19.60/23.30	-4.51/4.75	-4.30/4.78	5.65/6.76	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
3/21 05:40	Mkn 501#1	4	(253.4675 , 39.7602)	(253.2510 , 50.3617 , 16.7669)
3/21 12:00	4C38.41#2	5	(248.8142 , 38.1342)	(248.5815 , 51.9590 , 8.2404)
3/21 18:30	Gamma Vel	6	(122.3825 , -47.3367)	(122.6232 , 137.2126 , 198.6473)

Comment: 本日の運用: We observed Mkn 501#1 (JPN, PI=H. Kubo). The counting rate is 2.5 counts/s (GIS, $r \leq 4'$).
 明日でやっと終りだがこの後、塾講春季講習5コマ、天文学会、ASTRO-E HXD 合宿 in 雄琴温泉、いとこの結婚式、セ開幕と、大変で考えただけでもぞっとする。羽田に着くまで考えんことにしよう。(金田)
 昨晚、到着しました。琵琶湖タワー温泉にマツ(松本)と行った時、「雄琴といえば特殊浴場のメッカ」と教えてもらいました。変なとこに迷いこまないように気を付けて下さい。(上野)
 金田さんお疲れ様でした。また、卓球したいですね。(藤原)