

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 6 月 5 日 Y+ 1201 KSC 当番: H. Awaki and T. Toneri

MS 1111.9-375 → NGC 4258 #2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5						
Pass No.	960605-0619	960605-0723	960605-0826	960605-0929	960605-1033						
Operation	X-REP OP/OG-11 WRT TCU-MEM OP-START	X-REP SBR-A-RNG SCT-05(#1) WRT SCT-05 CHK OBS-MODE RNG-OFF	X-REP ACS-ERR-RST BDR-STOP X-REP BDR-STOP	X-REP CPU-2/3-STOP CPU-2/3-RST GIS-MEM BAT-B-TCL-OF	X-REP SBR-A-RNG CPU-2/3-STOP CPU-2/3-RST BAT-B-TCL-OF RNG-OFF						
Target	MS 1111.9-375	MS 1111.9-375	MS 1111.9-375	MS 1111.9-375	MS 1111.9-375						
AOS(UT)	09:26:07	11:06:35	12:47:58	14:29:26	16:10:47						
LOS(UT)	09:36:31	11:18:48	13:00:28	14:41:46	16:23:05						
Max-El	11.186°	39.289°	Zenith	78.501°	33.733°						
Time	09:31:15	11:12:11	—	14:34:56	16:16:14						
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)						
Rep-start	09:27:13	11:07:37	12:49:05/12:54:19	14:30:22	16:11:36						
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	17.53°/180.54°	17.43°/180.22°	17.38/180.14	—/—	—/—						
Attitude	$\begin{bmatrix} 168.7981^\circ \\ 128.1775^\circ \\ 164.4970^\circ \end{bmatrix}$	$\begin{bmatrix} 168.7983^\circ \\ 128.1784^\circ \\ 164.4963^\circ \end{bmatrix}$	$\begin{bmatrix} 168.7985^\circ \\ 128.1781^\circ \\ 164.4955^\circ \end{bmatrix}$	$\begin{bmatrix} 168.7979^\circ \\ 128.1780^\circ \\ 164.4974^\circ \end{bmatrix}$	$\begin{bmatrix} 168.7973^\circ \\ 128.1783^\circ \\ 164.4953^\circ \end{bmatrix}$						
OP-start(CE)	09:32:25 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (28h)						
GIS HAM ERR	—	—	—	—	ERR → Reset						
ACS ERR	—	—	(SH)MOMCHG → (Reset)	—	—						
SIS-mode	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333	Faint/Faint 1111/3333						
S0/1-TECT	−36.09/−35.79°C	−35.95/−35.69°C	−35.75/−35.54°C	−35.61/−35.49°C	−35.75/−35.64°C						
S0/1-CCDT	−61.62/−61.72°C	−61.62/−61.72°C	−61.62/−61.67°C	−61.62/−61.62°C	−61.62/−61.72°C						
GIS-mode	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)	PH(10-8-8-5-0-0)						
GIS LD Hit	22/25 cps	27/28 cps	34/32 cps	32/30 cps	31/30 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	1	3/4	48	159 218	20.7 21.2		364.95 762	9376	184.49	
Pass: 960605-0619			3/4	40	159 218	14.7		394.68 693	9376	179.48	
SIS Mode Changes: Faint(bit-H,M) 1111/3333, LVL Off, ADR Off for MS 1111.9-375, NGC 4258 #2											
GIS Mode Changes: PH 10-8-8-5-0-0 for MS 1111.9-3754, NGC 4258 #2											

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.80/23.20	19.90/23.30	−4.51/4.75	−4.73/4.78	8.74/9.90	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
06/05 21:50	NGC 4258 #2	1	(184.7375° , 47.3025°)	(185.0217° , 42.7683° , 140.7196°)

Comment: 本日の運用: We observed MS 1111.9-3754 (PI=M.CAPPI,JPN). The count rate was 0.20 c/s/1SIS ($r < 4'$) and 0.06 c/s/1GIS ($r < 4'$).

今日行なわれるはずの 6/5 04:47-04:56 Goldstone が cancel されていたことが、今日の DSN 予定表の改訂でわかりました。1pass 分データを無駄にしたことになります (栗木)。

本当にもう少し早くわかっていれば、、、でも、なかなか面白いスペクトルが得られています。。(戸練)