

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1996 年 07 月 15 日 Y+ 1241 KSC 当番: M. Sugizaki and H. Miyazaki

NGC5129_group → NGC3783_4

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5											
Pass No.	960715-0928	960715-1031	960715-1135	960715-1238	960715-1342											
Operation	X-REP OP/OG-13 WRT TCU-MEM OP-START	X-REP SBR-A-RNG STAR-01 WRT S-CTLG-CHK OBSERVE ACS-ERR-RST RNG-OFF	X-REP ACS-ERR-RST BDR-STOP X-REP BDR-STOP	X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM	X-REP SBR-A-RNG ACS-ERR-RST RNG-OFF											
Target	NGC5129_group	NGC5129_group	NGC5129_group	NGC5129_group	NGC5129_group											
AOS(UT)	13:46:18	15:27:02	17:08:23	18:49:55	20:31:20											
LOS(UT)	13:57:26	15:39:09	17:20:42	19:02:08	20:43:15											
Max-El	12.229°	41.056°	Zenith	76.885°	31.507°											
Time	13:51:37	15:32:37	—	18:55:22	20:36:37											
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)											
Rep-start	13:48:01	15:27:09	17:09:16/17:15:23	18:50:51	20:32:19											
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	*****/*****	*****/*****	9.00°/5.51°	9.05°/5.48°	9.12°/5.11°											
Attitude	201.2495° 76.0254° 160.7402°	201.2495° 76.0254° 160.7402°	201.2495° 76.0254° 160.7402°	201.2495° 76.0254° 160.7402°	201.2495° 76.0254° 160.7402°											
OP-start(CE)	13:53:13 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Eh)	Cont (29h)											
GIS HAM ERR	—	—	—	—	—											
ACS ERR	—	(SH)MOMCHG → Reset	(SH)MOMCHG → Reset	—	(SH)MOMCHG → Reset											
SIS-mode	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323	Faint/Faint 0101/2323											
S0/1-TECT	−42.70/−42.10°C	−42.54/−42.39°C	−42.74/−42.54°C	−43.27/−43.12°C	−43.71/−43.56°C											
S0/1-CCDT	−61.71/−61.81°C	−61.71/−61.81°C	−61.71/−61.81°C	−61.67/−61.81°C	−61.67/−61.61°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(10-8-8-5-0)											
GIS LD Hit	27/26 cps	26/27 cps	27/29 cps	32/30 cps	24/25 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	0	3/4	48	159	218	12.5	12.0	389.41	736	9440	183.77
Pass: 960715-0928							3/4	40	159	218	6.0		421.43	675	9440	181.03

SIS Mode Changes: Faint(bit-H,M) 0101/2323, ADR Off. LVL Off for NGC5129_group
Faint(bit-H)/Bright(bit-M) 1111/3333, ADR Off. LVL Off for NGC3783_4

GIS Mode Changes: PH 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
19.60/23.30	19.60/23.30	-4.55/4.73	-4.90/4.76	5.10/9.03	4.55/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
07/16 02:10	NGC3783_4	2	(174.7542 , -37.7383)	(174.9926 , 127.8130 , 139.0782)

Comment: 本日の運用: We observed NGC5129_group (PI=MULCHAEY; US) today. The count rates were 0.016 c/s for GIS and 0.08 c/s for SIS (including background).

今日も平穏な運用でした。

Max elevation が 10° ぎりぎりの運用の時の、Repro が完遂できるかというスリルと、完遂を確認できた時に衛星管制卓周辺で湧き上がる充実した雰囲気はなんともいえません。(杉崎)

今日初めて 20m アンテナが動いているのを見ました。大きさのわりには結構速やかに動くんですね。ちょっと感動しました。(宮崎)