「あすか」 OPERATION REPORT Rev.5 Ver 3.1

1999 年 08 月 14 日　Y+ 2366　KSC 当番: M.Sugizaki and T.Kagei

PSR_J1118-61 → CasA_c1o_3 → CasA_c1h_1 → CasA_c1o_4 → CasA_c1h_2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5
Pass No.	990814–1030	990814–1133		990814–1340	
Operation	X-REP SBR-A-RNG OP/OG-07 WRT TCU-MEM ASC-ERR- RST CPU2/3-STOP CPU2/3-RST OP-START RNG-OFF	X-REP STAR-01 WRT S-CTLG-CHK OBSERVE BDR-STOP X-REP CPU2/3-STOP CPU2/3-RST GIS-MEM BDR-STOP		X-REP ACS-ERR- RST	
Target	PSR_J1118-61	PSR_J1118-61		PSR_J1118-61	
AOS(UT)	14:32:08	16:12:52		19:35:10	
LOS(UT)	14:44:09	16:24:56		19:44:42	
Max-El	73.001°	Zenith		13.056°	
Time	14:37:28	—		19:39:23	
Rep-band(stat.)	X (Complete)	X (Complete)	( )	X (Complete)	( )
Rep-start	14:32:10	16:13:21/16:18:53		19:35:40	
DP-mode	OBS/TCU/OBS	OBS/ACS/OBS		OBS/GIS/OBS	
ACS-mode	Normal–Pointing	Normal–Pointing		Normal–Pointing	
SUN-pos θ_s/ϕ_s	—/—	—/—		13.55°/ 33.13°	
Attitude	[170.15451° 151.58911° 123.36078°]	[170.15549° 151.58941° 123.36159°]	[ ]	[170.15551° 151.58986° 123.36146°]	[ ]
OP-start(CE)	14:41:25 (A8 → 00h)	Cont (0Dh)	( )	Cont (26h)	( )
GIS HAM ERR	—	ERR → Reset		—	
ACS ERR	RWDOM → Reset	—		(SH)MOMCHG → Reset	
SIS-mode	Fnt/Fnt 1212/3030	Fnt/Fnt 1212/3030		Fnt/Fnt 1111/3333	
S0/1-TECT	−39.68/ −39.62°C	−40.65/ −40.60°C		−42.11/ −42.05°C	
S0/1-CCDT	−61.62/ −61.72°C	−61.62/ −61.72°C		−61.62/ −61.77°C	
GIS-mode	PH(8–8–8–0–0)	PH(8–8–8–0–0)		PH(8–8–8–0–0)	
GIS LD Hit	27.3/26.4 c s^{-1}	30.3/29.9 c s^{-1}		24.3/20.0 c s^{-1}	

P X Y R S	Pos	MErr	HV_HL	Gain	RT-L	RT-U	Temp	RBMT	CalPk	CalCnt	CalTim	RT Pk
8 8 8 0 0	FLF	1	3/4	48	159	218	15.3	15.2	371.27	888	21952	183.95
Pass: 990814–1030			3/4	40	159	218	8.7		400.22	845	21952	180.31

SIS Mode Changes:		
	PSR_J1118-61	2CCD(1212/3030) F/B, LD ON/OF, AD ON/OF
	CasA_c1o_3	1CCD(1111/3333) B, LD ON, AD ON
	CasA_c1h_1	2CCD(0101/0303)/1CCD(1111/3333) F/B, LD ON, AD ON
	CasA_c1o_4	2CCD(0101/0303) F, LD ON, AD ON
	CasA_c1h_2	4CCD(0123/2301) F, LD ON, AD ON

GIS Mode Changes:		
	PSR_J1118-61	PH(8–8–8–0–0)
	CasA_c1o_3	PH(10–8–8–5–0)
	CasA_c1h_1	PH(10–8–8–5–0)
	CasA_c1o_4	PH(10–8–8–5–0)
	CasA_c1h_2	PH(10–8–8–5–0)

Condition Condition (min/max)

BAT_V–A	BAT_V–B	BAT_I–A	BAT_I–B	BAT_T–A	BAT_T–B
18.80/23.30	18.90/23.30	−5.20/4.75	−5.20/4.78	4.82/8.74	5.65/7.32

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
08/15 15:10	CasA_c1o_3	5	(350.8542, 58.8144)	(350.8030, 31.4279, 56.3151)
08/15 23:00	CasA_c1h_1	6	(350.8542, 58.8144)	(350.6230, 31.3706, 56.5406)
08/16 05:20	CasA_c1o_4	1	(350.8542, 58.8144)	(350.8054, 31.4324, 56.3552)
08/16 07:00	CasA_c1h_2	2	(350.8542, 58.8144)	(350.6195, 31.3673, 56.5229)

Comment: 本日の運用: ASCA observed PSR_J1118-61 (PI=Kaspi:US). The observed count rates were 0.03 c/s in SIS and 0.03 c/s in GIS.

今日も無事終了。神奈川県は雨らしいですが、こっちは先週とうってかわって晴天です。今日で今回の当番期間も 2/3 が過ぎますが、なんか敗北感大きいです。(杉崎)

初めての休日を迎えますが睡眠のための 1 日になることは間違いないです。(影井)