

Comment: 本日の運用:

We observed SNR G54.4-0.3 (JPN). The counting rates were ~ 0.2 c/sec/SIS (4chips) and ~ 0.1 c/sec/GIS (including BGD). 1 パス受信中に、レンジングの予定されている 2 パスの max. elevation が 76.2° (75°) であることに MS 担当者が気づき、レンジングを試みたが、パス終了までに十分なデータが得られなかったので、2 パスで行なった (伊藤)。今日は強烈に眠かった。しかし明日は休みという気持ちでなんとか今日の運用を乗り切った。で、明日は何をするか? 何も思い浮かばない。んんん... 困った。(冨田)

「あすか」 OPERATION REPORT Rev.5 Ver 3.1

94 年 10 月 15 日 Y+ 601 KSC 当番: M.Itoh、H.Tomida

G54.4-0.3 CNTR/ G54.4-0.3 SW / 3C400.2 P1 / 3C400.2 P2

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	941014-1134	941014-1237	941014-1341	941014-1444	941014-1548					
Operation	X REP OP/OG-01 WRT TCU MEM MODE ERR CODE RST RNG A OP START RNG OFF	X REP RNG A STAR-3 WRT S CTLG CHK OBSERVE MODE RNG OFF	X REP BDR STOP X REP DE-0 ADRS ON BDR STOP	X REP RNG A CPU2/3 STOP CPU2/3 RST GIS MEM MODE ERR CODE RST DE-0 ADRS ON RNG OFF	X REP					
Target	G54.4-0.3 CNTR	G54.4-0.3 CNTR	G54.4-0.3 CNTR	G54.4-0.3 CNTR	G54.4-0.3 CNTR					
AOS(UT)	16:45:10	18:26:43	20:08:28	21:50:25	23:32:30					
LOS(UT)	16:58:35	18:40:11	20:21:46	22:03:03	23:43:10					
Max-El Time	32.797 16:51:34	76.125 18:32:59	Zenith ———	46.260 21:56:09	14.256 23:37:15					
Rep-band(stat.)	X (Complete)	X (Complete)	X (Complete)	X (Complete)	X (Complete)					
Rep-start	16:46:43	18:27:41	20:09:31/20:15:55	21:51:21	23:33:45					
DP-mode	OBS	OBS/ACS/OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	—, —	8.66, 223.55	8.66, 224.03	8.66, 224.52	8.66, 225.00					
Attitude	$\begin{bmatrix} 293.5784 \\ 70.7972 \\ 180.4742 \end{bmatrix}$	$\begin{bmatrix} 293.5776 \\ 70.7969 \\ 180.4753 \end{bmatrix}$	$\begin{bmatrix} 293.5779 \\ 70.7970 \\ 180.4749 \end{bmatrix}$	$\begin{bmatrix} 293.5782 \\ 70.7968 \\ 180.4743 \end{bmatrix}$	$\begin{bmatrix} 293.5782 \\ 70.7968 \\ 180.4743 \end{bmatrix}$					
OP-start(CE)	16:55:43 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Dh)	Cont (27h)					
GIS HAM ERR	Normal	Normal	Normal	Normal	Normal					
ACS ERR	(SH)MOMCHG	———	———	(SH)MOMCHG	———					
SIS-mode	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301	Faint/Faint 0123/2301					
S0/1-TECT	−34.83/−34.67	−35.02/−34.96	−35.50/−35.40	−36.19/−36.13	−36.92/−36.90					
S0/1-CCDT	−61.24/−60.87	−61.15/−60.73	−61.06/−60.64	−61.15/−60.69	−61.43/−60.97					
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	25cps/25cps	27cps/27cps	28cps/30cps	26cps/26cps	23cps/25cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
10 8 8 5 0	FLF	NO	3/4	48	159 218	15.3 15.2		394.99	183.70	1340
Pass: 941014-1134			3/4	40	159 218	9.8		414.53	180.84	1138

GIS Mode Changes: None

Battery Condition (min/max)

BAT_V-A	BAT_V-B	BAT_I-A	BAT_I-B	BAT_T-A	BAT_T-B
19.90/23.50	19.90/23.50	-4.51/4.75	-4.64/4.78	4.82/8.74	4.82/8.46

Maneuver Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
10/15 4:20	G54.4-0.3 SW	1	(293.0291 , 18.7302)	(293.3788 , 71.0413 , 180.4548)
10/16 6:40	3C400.2 P2	2	(293.9983 , 17.0622)	(294.2827 , 72.8091 , 177.5427)
10/16 14:00	3C400.2 P1	3	(293.9983 , 17.2289)	(294.2808 , 72.6415 , 177.7174)