

れていないために思ったようにいきません。表街道で解析できれば…（遅いけど）。Takkky はまだいます。（古澤）

「あすか」 OPERATION REPORT Ver.1.5

94 年 3 月 30 日 Y+ 403 KSC 当番: 吉田 K 、 古澤

Geminga → PSR B0656+14

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940330-1134	940330-1237	940330-1341	940330-1444	940330-1547					
Operation	X REP OP/OG WT/CK OP START	X REP SBR-A RNG SCT-02 S-CTLG CHK OBSERVE MODE RNG OFF	X REP CPU 2/3 STOP CPU 2/3 START BDR STOP X REP DE-0 ADRS ON BDR STOP	X REP SBR A RNG DE-0 ADRS ON CPU 2/3 STOP CPU 2/3 START RNG OFF	X REP SBR-A RNG RNG OFF					
Target	Geminga	Geminga	Geminga	Geminga	Geminga					
AOS(UT)	16:42:47	18:24:00	20:05:06	21:46:56	23:28:16					
LOS(UT)	16:53:23	18:35:50	20:17:28	21:59:07	23:40:11					
Max-El Time	13.954 16:48:08	45.484 18:29:16	Zenith —	72.827 21:52:18	28.722 23:33:40					
Rep-band(stat.) Rep-start	X (Completed) 16:43:31	X (Completed) 18:24:39	X (Completed) 20:06:03/20:11:33	X (Completed) 21:47:59	X (Completed) 23:29:17					
DP-mode	OBS	OBS	OBS	OBS	OBS					
ACS-mode ACS-spn/ $\theta_s \phi_s$ Attitude	Normal-Pointing -°, -° $\begin{bmatrix} 98.6845 \\ 72.1737 \\ 176.5661 \end{bmatrix}$	Normal-Pointing 1.78°, 10.42° $\begin{bmatrix} 98.6847 \\ 72.1740 \\ 176.5666 \end{bmatrix}$	Normal-Pointing 1.83°, 10.13° $\begin{bmatrix} 98.6837 \\ 72.1741 \\ 176.5680 \end{bmatrix}$	Normal-Pointing 1.93°, 9.59° $\begin{bmatrix} 98.6851 \\ 72.1738 \\ 176.5683 \end{bmatrix}$	Normal-Pointing 1.98°, 9.34° $\begin{bmatrix} 98.6850 \\ 72.1736 \\ 176.5672 \end{bmatrix}$					
OP-start(CE)	16:50:07 (00h)	Cont (0Ah)	Cont (14h)	Cont (1Dh)	Cont (27h)					
SIS-mode S0/1-TECT S0/1-CCDT	Faint/Faint 0123/2301 -37.40/-37.15 -61.67/-61.77	Faint/Faint 0123/2301 -38.18/-37.87 -61.67/-61.77	Faint/Faint 0123/2301 -38.56/-38.31 -61.67/-61.77	Faint/Faint 0123/2310 -39.05/-38.80 -61.67/-61.77	Faint/Faint 0123/2301 -39.39/-39.14 -61.67/-61.77					
GIS-mode GIS LD Hit	PH(8-6-6-5-0) 25cps/24cps	PH(8-6-6-5-0) 24cps/26cps	PH(8-6-6-5-0) 27cps/28cps	PH(8-6-6-5-0) 26cps/27cps	PH(8-6-6-5-0) 24cps/22cps					
P X Y R S	Pos	MErr	HV_HL	Gain	RT-L RT-U	Temp	RBMT	CalPk	RT Pk	CalCnt/time
8 6 6 5 0	FLF	1	3/4	48	159 218	12.5 12.5	404.19 183.80	1376		
Pass: 9403301237			3/4	40	159 218	6.5	399.48 181.60	1298		
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
19.90/23.40	19.90/23.50	-4.55/4.90	-4.77/4.76	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α, δ)	(ϕ, θ, ψ)
03/31 01:40	PSR B0656+14	5	(104.9508 , 14.2192)	(105.1595 , 75.7289 , 169.6455)

Comment: 本日の運用:

Geminga was found in the SIS image and seems to be diffuse. The spectrum shows a power-law of photon index 1.3 (0.02 cts/s/SIS, 0.01 cts/s/GIS).

2 日分のデータを足し合わせて SIS のイメージをだしたところ、S0 と S1 で同じような構造が現れているような気もしますが、どうでしょう？ (吉田 K)

Geminga は、やはり SIS では非常に暗い。暗いソースはいろいろできるのでしょうが、こちらの解析のソフトにな