

?146 (Bm_7)

F~46\$7\$^\$7\$?!J5HED\$1!K!#

!V\$"\$9\$+!W OPERATION REPORT Ver.1.5

94 G/ 3 7n 19 F| Y+ 392 KSC EvHV: 5HED\$1 1' Ln ! " Bm_7

4U1254-69 → 0716+714 Part2 → StepPoint → ProximaCen

	PASS 1	PASS 2	PASS 3	PASS 4	PASS 5					
Pass No.	940318-1445	940318-1548	940319-0104	940319-0207	940319-0310					
Operation	X REP OP/OG WT/CK ERR CODE RST (RWDOM) OP START	X REP SBR-A-RNG S-CTLG-WT/CK OBS-MODE RNG-OFF	X REP BDR STOP X REP BDR STOP	X REP BDR STOP X REP BDR STOP	X REP SBR A RNG ERR CODE RST (RWDOM) RNG OFF					
Target	4U1254-69	4U1254-69	4U1254-69	4U1254-69	0716+714#2					
AOS(UT)	22:11:41	23:52:26	01:33:48	03:15:25	04:57:01					
LOS(UT)	22:22:44	00:05:01	01:46:59	03:28:44	04:10:13					
Max-El Time	11.912 22:17:04	40.927 23:58:10	Zenith —	Zenith —	37.306 04:02:54					
Rep-band(stat.)	X (Completed)	X (Completed)	X (Completed)	X (Completed)	X (Completed)					
Rep-start	22:12:40	23:53:20	01:34:34/01:40:16	03:16:10/03:21:52	04:57:54					
DP-mode	OBS	OBS	OBS	OBS	OBS					
ACS-mode	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing	Normal-Pointing					
ACS-spn/ θ_s ϕ_s	19.28°, 178.67°	19.28°, 178.44°	19.33°,178.22°	19.38°, 178.07°	9.70°, 219.70°					
Attitude	$\begin{bmatrix} 194.0650 \\ 159.1251 \\ 287.1438 \end{bmatrix}$	$\begin{bmatrix} 194.0653 \\ 159.1251 \\ 287.1440 \end{bmatrix}$	$\begin{bmatrix} 194.0659 \\ 159.1248 \\ 287.1451 \end{bmatrix}$	$\begin{bmatrix} 194.0659 \\ 159.1247 \\ 287.1446 \end{bmatrix}$	$\begin{bmatrix} 111.1022 \\ 18.6875 \\ 152.4194 \end{bmatrix}$					
OP-start(CE)	22:18:32 (00h)	Cont (08h)	Cont (10h)	Cont (18h)	Cont (20h)					
SIS-mode	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333	Fnt/Fnt 1111/3333					
S0/1-TECT	-40.60/-40.60	-41.04/-40.99	-41.23/-41.13	-41.14/-41.03	-40.26/-40.41					
S0/1-CCDT	-61.62/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77	-61.67/-61.77					
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	41cps/48cps	25cps/26cps	28cps/30cps	31cps/30cps	27cps/29cps					
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	1	3/4	48	159 218	19.1 19.1	389.69 184.21 454			
Pass: 9403181445			3/4	40	159 218	13.6	402.21 179.98 476			
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
20.10/23.40	20.10/23.50	-4.38/4.75	-4.38/4.78	4.82/8.74	4.82/8.46

Manoeuvre Operation

Start Time	Target Name	#	(α , δ)	(ϕ , θ , ψ)
03/19 04:30	0716+714#2	2	(110.4727 , 71.3434)	(111.1078 , 18.6861 , 152.4160)
03/19 14:30	StepPoint	3	(267.0000 , 0.0000)	(266.7453 , 90.1263 , 358.6093)
03/19 14:50	ProximaCen	4	(217.4417 , -62.6811)	(217.0526 , 152.5800 , 311.3400)

Comment: K\F|\$N1?MQ:

Asca observed 4U1254-690. The intensity was ~ 13 counts/sec/GIS2, ~ 5 counts/sec/SIS0. The spectrum of 4U1254-690 could be fitted with cut off power law model.

;d\$N1?MQ\$O\$3\$1\$G=*\$j\$G\$9!#\$J\$s\$H\$+!" 2 =54VL5;v\$K1?MQ\$r=*\$(\$k\$3\$H\$, \$G\$-\$?\$h\$&\$G\$9!#\$=\$N4V!"1'Ch8&E
\$b<ALd!"6rLd!"HaLD\$J\$I\$NEEOC\$r\$+\$1\$5\$;\$FD:\$-\$^\$7\$?!#3'MM\$I\$&\$b\$"\$j\$, \$H\$&\$4\$6\$5\$5\$^\$7\$?!#
:\$F|!"%Q%9\$H\$Q%9\$N4V\$K30\$K=P\$F!"F|8~\$\\C\$3\$r\$7\$?!#\$*F|MM\$, \$H\$F\$b\$d\$5\$7\$+\$C\$?!#(>C46%A%'%C%/Cf\$N 1