

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 1791 - L2 Version 10
Chandra X-Ray Center

L2 Processing Date : Dec 3 2012

See axaff01791N007_VV003_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2020.10.06
V&V Edition	3
V&V Disposition and Status	Repr+DD
V&V Charge Time	21.161

Comments

Observation will be reprocessed for issue #183.
reprocess using the following method:

Columns x, y, r, w give parameters for tg_create_mask

Columns s1, s2, d1, d2, u1, u2 give paramters for tgextract.

Customized parts of the usage are as follows:

```
tg_create_mask
use_user_pars = yes
sA_zero_x = $x
sA_zero_y = $y
sA_zero_rad = $r
sA_width_heg = $w
sA_width_meg = $w
sA_width_leg = $w
```

```
tgextract
min_tg_d = $s1
max_tg_d = $s2
```

```
min_downbkg_tg_d = $d1
max_downbkg_tg_d = $d2
min_upbkg_tg_d = $u1
max_upbkg_tg_d = $u2
```

PKS 2155 series (LETG/ACIS):

```
# obsid x y r w s1 s2 d1
d2 u1 u2
1791 3242.07 4497.14 47.96 598.78 -3.401e-03 3.401e-03 -2.592e-02
-3.887e-03 3.887e-03 2.592e-02
```

seq_num	390009	Sequence number
obs_id	1791	Observation id
title	GRATINGS CALIBRATION OBSERVATIONS OF PKS2155-304	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	PKS2155-304	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	329.716667	Observer's specified target RA [deg]
dec_targ	-30.225556	Observer's specified target Dec [deg]
ra_nom	329.58141388576	Nominal RA [deg]
dec_nom	-30.280415634543	Nominal Dec [deg]
roll_nom	24.478187466992	Nominal Roll [deg]
revision	10	Processing version of data
ontime	21158.40001969	Sum of GTIs [s]
livetime	20890.479618582	Livetime [s]
ontime4	21158.40001969	Sum of GTIs [s]
ontime5	21158.40001969	Sum of GTIs [s]
ontime6	21158.40001969	Sum of GTIs [s]
ontime7	21158.40001969	Sum of GTIs [s]
ontime8	21158.40001969	Sum of GTIs [s]
ontime9	21158.40001969	Sum of GTIs [s]
l2events	281225	Number of level 2 events

