

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 5293 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 13 2012

See axaff05293N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	41.953

Comments

Standard software processing technique using the tool tgdetect failed to find a source for the zeroth order for this observation. The SIMBAD position for Mira A was used as the zeroth order position (sky coordinates x=32816.55, y=32887.493).

These are the same zeroth order coordinates used in TGCat. The following

custom parameters were used for location of the zeroth order and definition of the extraction regions:

===

```
pset_0th_order 32816.55 32887.493
```

===

```
pset grt_lev15 use_user_pars=yes===
```

```
pset grt_lev15 sA_zero_x=32816.55===
```

```
pset grt_lev15 sA_zero_y=32887.493===
```

```
pset grt_lev15 sA_zero_rad=100===
```

```
pset grt_lev15 sA_width_leg=1500
```

seq_num	300145	Sequence number
obs_id	5293	Observation id
title	Outburst in Mira AB?	Proposal title
observer	DR. MARGARITA KAROVSKA	Principal investigator
object	Mira AB	Source name
ra_targ	34.836667	Observer's specified target RA [deg]
dec_targ	-2.977639	Observer's specified target Dec [deg]
ra_nom	34.83838563493	Nominal RA [deg]
dec_nom	-2.9819954360212	Nominal Dec [deg]
roll_nom	292.97984978975	Nominal Roll [deg]
revision	4	Processing version of data
ontime	41953.508077592	[s]
livetime	41625.119013931	Ontime multiplied by DTCOR
l2events	2959692	Number of level 2 events

