

V&V Summary Report

L2 ASCDS Version : 10.3

Observation 15744 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 3 2014

See axaff15744N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2014.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.046399859488

Comments

Zeroth order moderately piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case.

There is a bright, far-off-axis (18 arcmin) source on the positive order side, prominent in an image, but which seems to have no effect on the extracted spectrum. It's HEG spectrum overlaps the on-axis source's MEG region at long wavelengths.

seq_num	401542	Sequence number
obs_id	15744	Observation id
title	INVESTIGATING NEW INTEGRAL SOURCES WITH Chandra	Proposal title
observer	Dr Adamantia Paizis	Principal investigator
object	IGR J17454-2919	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.366	Observer's specified target RA [deg]
dec_targ	-29.332	Observer's specified target Dec [deg]
ra_nom	266.36872905539	Nominal RA [deg]
dec_nom	-29.334004400477	Nominal Dec [deg]
roll_nom	263.1827750818	Nominal Roll [deg]
revision	1	Processing version of data
ontime	20046.399859488	Sum of GTIs [s]
livetime	19573.863760241	Livetime [s]
ontime4	20046.399859488	Sum of GTIs [s]
ontime5	20046.399859488	Sum of GTIs [s]
ontime6	20046.399859488	Sum of GTIs [s]
ontime7	20046.399859488	Sum of GTIs [s]
ontime8	20046.399859488	Sum of GTIs [s]
ontime9	20046.399859488	Sum of GTIs [s]
l2events	186117	Number of level 2 events

