

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 6562 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Aug 10 2012

See axaff06562N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.18213

Comments

Source is extended and asymmetric. Zeroth order selected by pipeline tools for extracting spectral data is well-centered in the emission source but is not at the position of brightest emission. The user may want to select a region or source of interest, then use software tools such as CIAO to specify the coordinates of the zeroth order source of interest before running the tools to resolve the dispersed events.
====WARNING: there are no standard ciao tools for analysis of grating spectra from extended sources. The shape of an emission 'line' will be the shape of the zero order spatial structure convolved with the instrumental LSF. Grating extractions can be used, but need to be combined with custom spatial-spectral analysis, since wavelength is multi-valued at any particular diffraction angle.

seq_num	300166	Sequence number
obs_id	6562	Observation id
title	High Resolution Spectroscopy of RX J0806.3+1527	Proposal title
observer	Dr. Tod Strohmayer	Principal investigator
object	RX J0806.3+1527	Source name
ra_targ	121.596667	Observer's specified target RA [deg]
dec_targ	15.458389	Observer's specified target Dec [deg]
ra_nom	121.5984173632	Nominal RA [deg]
dec_nom	15.462777562148	Nominal Dec [deg]
roll_nom	70.066872956349	Nominal Roll [deg]
revision	3	Processing version of data
ontime	37182.13297081	[s]
livetime	36890.626316639	Ontime multiplied by DTCOR
l2events	2403351	Number of level 2 events

