

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 14337 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 20 2012

See [axaff14337N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.03.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.04727006495

Comments

Source is extended and asymmetric. Zeroth order is near the brightest position, but may not be the position of interest. Users should verify that the zeroth order position is correct for their analysis. 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	401425	Sequence number
obs_id	14337	Observation id
title	Chandra spectroscopy of the X-ray spectrum of the newly discovered accreting millisecond pulsar IGR J17498-2921	Proposal title
observer	Dr. Tiziana Di Salvo	Principal investigator
object	IGR J17498-2921	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.480833	Observer's specified target RA [deg]
dec_targ	-29.322139	Observer's specified target Dec [deg]
ra_nom	267.48370528414	Nominal RA [deg]
dec_nom	-29.318216740265	Nominal Dec [deg]
roll_nom	271.15803760073	Nominal Roll [deg]
revision	2	Processing version of data
ontime	14047.270066381	Sum of GTIs [s]
livetime	13820.394470749	Livetime [s]
ontime4	14047.311106384	Sum of GTIs [s]
ontime5	14047.229026377	Sum of GTIs [s]
ontime6	14047.187986374	Sum of GTIs [s]
ontime7	14047.270066381	Sum of GTIs [s]
ontime8	14047.146946371	Sum of GTIs [s]
ontime9	14044.564916074	Sum of GTIs [s]
l2events	167297	Number of level 2 events

