

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 108 - L2 Version 7  
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

See axaff00108N004\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	51.935

## Comments

This is a multi-obi (multiple part) observation. The level 2 data products, including the extracted spectrum, have been combined. However, the two different obi's caught Her X-1 at different states. Data should be analyzed in specific time intervals to obtain useful data on the different states. The data can be separated into the individual observations by using CIAO tools and starting the processing with the individual level 1 event files. The dispersed spectra can then be extracted using the individual level 1 data.

seq_num	400021	Sequence number
obs_id	108	Observation id
title	SPECTROSCOPY OF THE SOFT COMPONENT OF THE X-RAY SPECTRUM OF HER X-1	&#160
observer	Dr. Peter Predehl	Principal investigator
object	HER X-1	Source name
ra_targ	254.457083	Observer's specified target RA [deg]
dec_targ	35.342361	Observer's specified target Dec [deg]
ra_nom	254.46054025197	Nominal RA [deg]
dec_nom	35.346591000891	Nominal Dec [deg]
roll_nom	59.368853718298	Nominal Roll [deg]
revision	7	Processing version of data
ontime	51937.264434889	[s]
livetime	51611.804039833	Overtime multiplied by DTCOR
l2events	2563744	Number of level 2 events

