

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 5317 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

See [axaff05317N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.831

## Comments

Zeroth order PSF is asymmetrical. Due to the expected source brightness the zeroth order was given a Y-offset and a SIM-Z-offset in order to avoid a large added dose to the nominal target point. The asymmetric PSF with an extension along the dispersion direction can be attributed to an HRC instrumental effect, primarily the decap calibration at this position. This is a followup observation to obsid 4575. There are more details in the V&V report for obsid 4575.

seq_num	400357	Sequence number
obs_id	5317	Observation id
title	High Resolution Spectroscopy of LMC X-3: Probing Local Hot X-ray Absorbing Gas	Proposal title
observer	Dr. Taotao Fang	Principal investigator
object	LMC X-3	Source name
ra_targ	84.734583	Observer's specified target RA [deg]
dec_targ	-64.084167	Observer's specified target Dec [deg]
ra_nom	84.753290600753	Nominal RA [deg]
dec_nom	-64.077887638512	Nominal Dec [deg]
roll_nom	217.02209552394	Nominal Roll [deg]
revision	3	Processing version of data
ontime	39831.758007109	[s]
livetime	39524.407475458	Ontime multiplied by DTCOR
l2events	2719665	Number of level 2 events

