

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 5316 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

See axaff05316N002_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	41.714

Comments

Zereth 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 can be attributed to an HRC instrumental effect, primarily the degap 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	5316	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	84.700433564914	Nominal RA [deg]
dec_nom	-64.096956800076	Nominal Dec [deg]
roll_nom	221.05657869658	Nominal Roll [deg]
revision	5	Processing version of data
ontime	41714.683089375	[s]
livetime	41389.188470796	Overtime multiplied by DTCOR
l2events	2907868	Number of level 2 events

