

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 12325 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 9 2012

See axaff12325N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	96.47095497942

## Comments

No dispersed grating data are visible by eye. Zeroth-order source is somewhat extended and asymmetric. The position of the zeroth order of the grating observation was determined with the standard pipeline software tool tgdetect. The position found is not the brightest position of the target, but is within one HRC pixel of the brightest position. For grating analysis of localized X-ray emission within the extended emission, the investigator will need to extract one or more dispersed spectra using user-defined zeroth order positions for all positions of interest. === Slot 7 was used as the Optical Monitor aimed at the midpoint between the two stars (i.e., at the RA and Dec already entered). One star has  $V=7.64$ , the other 7.74. The 8x8 pixel (40x40 arcsec) window will cover both stars, which have 17 arcsec separation. Obviously the ACA will NOT use this slot as a guide star (since it is aimed between two stars).'

seq_num	200663	Sequence number
obs_id	12325	Observation id
title	Exploring the Spectral Type Dependence of Coronal Abundance Anomalies	Proposal title
observer	Dr. Brian Wood	Principal investigator
object	GJ 338	Source name
ra_targ	138.591142	Observer's specified target RA [deg]
dec_targ	52.684764	Observer's specified target Dec [deg]
ra_nom	138.5880379323	Nominal RA [deg]
dec_nom	52.689147835804	Nominal Dec [deg]
roll_nom	114.06980348348	Nominal Roll [deg]
revision	2	Processing version of data
ontime	96470.954971671	[s]
livetime	95597.065641	Ontime multiplied by DTCOR
l2events	7444835	Number of level 2 events

