

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 19452 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 7 2017

See axaff19452N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2017.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.8925

## Comments

Standard software processing technique using the tool findzo failed to determine an accurate position for the zeroth order for this observation. The source is extended and asymmetric. The zeroth order position was specified manually to the approximate centroid of the zeroth order (tgdetect result). This position is not at the coordinates of the brightest emission. 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.

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Faint grating spectra can be seen in an image of bad events. This is probably due to pileup in the spectrum, causing migration to bad grades. This should be considered in analysis.

seq_num	901350	Sequence number
obs_id	19452	Observation id
title	THE ATOMIC TO DUST ABUNDANCE RATIO OF SILICON TOWARDS THE GALACTIC BULGE	Proposal title
observer	Norbert Schulz	Principal investigator
object	GX 354+0	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	262.990417	Observer's specified target RA [deg]
dec_targ	-33.834028	Observer's specified target Dec [deg]
ra_nom	262.99580164187	Nominal RA [deg]
dec_nom	-33.835015491848	Nominal Dec [deg]
roll_nom	292.65963602968	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21892.5	Sum of GTIs [s]
livetime	20231.868253734	Livetime [s]
ontime6	21892.46590066	Sum of GTIs [s]
ontime7	21892.5	Sum of GTIs [s]
l2events	236695	Number of level 2 events

