

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 17858 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 25 2016

See axaff17858N002-VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.080569629073

Comments

Zeroth order piled up. The zeroth order sky position was determined using a software tool developed by CXC called findzero, which is available in CIAO as part of the tgdetect2 tool. The tool calculates the point of intersection of the readout streak on the ACIS CCD and the meg or leg dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case. === 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.

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The guide star in slot 6 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

seq_num	401790	Sequence number
obs_id	17858	Observation id
title	TESTING THE THERMAL ORIGIN OF WINDS IN SHORT PERIOD X-RAY BINARIES	
observer	Gabriele Ponti	Principal investigator
object	MXB 1659-298	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	255.527083	Observer's specified target RA [deg]
dec_targ	-29.945583	Observer's specified target Dec [deg]
ra_nom	255.52436356194	Nominal RA [deg]
dec_nom	-29.944216916349	Nominal Dec [deg]
roll_nom	77.441346568298	Nominal Roll [deg]
revision	2	Processing version of data
ontime	50080.569629073	Sum of GTIs [s]
livetime	48424.453325347	Livetime [s]
ontime5	50080.528589129	Sum of GTIs [s]
ontime6	50080.487549067	Sum of GTIs [s]
ontime7	50080.569629073	Sum of GTIs [s]
ontime8	50080.446509123	Sum of GTIs [s]
l2events	844406	Number of level 2 events

