

V&V Summary Report

L2 ASCDS Version : 10.3

Observation 17543 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 30 2014

See [axaff17543N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.10.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	65.047099543929

Comments

Zerth order moderately piled up. The zerth 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 dispersed spectral arm, rather than using a centroid position of the source. The findzero results are more accurate than source centroid in this case. The position of the zerth order as determined by findzero is ra=17:06:16.217, dec=-61:42:40.42,

seq_num	401546	Sequence number
obs_id	17543	Observation id
title	Chandra Spectroscopy of a Remarkable Neutron Star	Proposal title
observer	Dr. Jon Miller	Principal investigator
object	IGR J17062-6143	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	256.567708	Observer's specified target RA [deg]
dec_targ	-61.71125	Observer's specified target Dec [deg]
ra_nom	256.56042452795	Nominal RA [deg]
dec_nom	-61.720703737694	Nominal Dec [deg]
roll_nom	235.15020758939	Nominal Roll [deg]
revision	1	Processing version of data
ontime	65047.099543929	Sum of GTIs [s]
livetime	63513.801649979	Livetime [s]
ontime4	65047.099543929	Sum of GTIs [s]
ontime5	65047.099543929	Sum of GTIs [s]
ontime6	65047.099543929	Sum of GTIs [s]
ontime7	65047.099543929	Sum of GTIs [s]
ontime8	65047.08934164	Sum of GTIs [s]
ontime9	65047.048301637	Sum of GTIs [s]
l2events	486389	Number of level 2 events

