

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20942 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jan 23 2018

See axaff20942N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2018.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	52.058984304428

## Comments

Due to corruption of the secondary science data during this observation, some instrument parameters have bogus values. The data in this observation have been inspected by the HRC team. PLEASE NOTE: All the event data in this observation are good. The short gaps in the GTI intervals can be eliminated (i.e., use the first START and last STOP). THE DTF values during this observation can be estimated by dropping all the low values and averaging the remaining values near 1.0.

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The guide star in slot 3 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	901342	Sequence number
obs_id	20942	Observation id
title	Assessing the WHIM detection towards Mkn421	Proposal title
observer	Yair Krongold	Principal investigator
object	Mkn 421	Source name
ra_targ	166.11375	Observer's specified target RA [deg]
dec_targ	38.208889	Observer's specified target Dec [deg]
ra_nom	166.10353033484	Nominal RA [deg]
dec_nom	38.216096084675	Nominal Dec [deg]
roll_nom	102.07366252937	Nominal Roll [deg]
revision	2	Processing version of data
ontime	52058.984304428	[s]
livetime	51104.201709576	Ontime multiplied by DTCOR
l2events	7003817	Number of level 2 events

