

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 4276 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 29 2012

See axaff04276N002-VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.921

## Comments

Roll preference met. ===

A warning from the software indicates out-of-sequence exposure records. This appears to be due to a duplication of ACIS packets in the raw telemetry. The duplicate data is filtered out in Level 2 data. There is no problem with Level 2 data. The duplicate data could be removed by special processing, removing major/minor frames 27315:50 - 27315:55 from raw telemetry.

seq_num	900319	Sequence number
obs_id	4276	Observation id
title	A CHANDRA/XMM ATTACK ON THE ASTROPHYSICS OF THE HARD X-RAY BACKGROUND.	Proposal title
observer	Prof. Ian McHardy	Principal investigator
object	XMM 1HR - FIELD 3	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	26.409075	Observer's specified target RA [deg]
dec_targ	-4.690134	Observer's specified target Dec [deg]
ra_nom	26.408718517643	Nominal RA [deg]
dec_nom	-4.6855182786776	Nominal Dec [deg]
roll_nom	117.40864902448	Nominal Roll [deg]
revision	5	Processing version of data
ontime	28921.599892259	Sum of GTIs [s]
livetime	28555.377179926	Livetime [s]
ontime0	28827.611097723	Sum of GTIs [s]
ontime1	28918.358951896	Sum of GTIs [s]
ontime2	28915.117971718	Sum of GTIs [s]
ontime3	28921.599892259	Sum of GTIs [s]
ontime6	28915.117941827	Sum of GTIs [s]
ontime8	28918.358932018	Sum of GTIs [s]
l2events	176013	Number of level 2 events

