

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 16513 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See [axaff16513N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.070000231266

## Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	801224	Sequence number
obs_id	16513	Observation id
title	Extreme constraints on ICM physics and cosmology: a deep observation of XMMUJ0044, the most distant massive cluster	Proposal title
observer	Dr Paolo Tozzi	Principal investigator
object	XMMUJ0044.0-2033	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	11.021667	Observer's specified target RA [deg]
dec_targ	-20.566583	Observer's specified target Dec [deg]
ra_nom	11.040235573715	Nominal RA [deg]
dec_nom	-20.584653933987	Nominal Dec [deg]
roll_nom	308.16315630678	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30070.000231266	Sum of GTIs [s]
livetime	29677.113541032	Livetime [s]
ontime2	30063.718170524	Sum of GTIs [s]
ontime3	30070.000231266	Sum of GTIs [s]
ontime6	30070.000231266	Sum of GTIs [s]
ontime7	30070.000231266	Sum of GTIs [s]
ontime8	30070.000231266	Sum of GTIs [s]
l2events	156279	Number of level 2 events

