

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 5742 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

See axaff05742N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1856

## Comments

Window constraint met. Roll angle preference not met. The knot in the jet does fall on the readout streak, which is what the observer was trying to avoid. Since request for off-nominal roll was a preference rather than a constraint, all required constraints have been met.

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Joint Proposal: CXO-HST

seq_num	701164	Sequence number
obs_id	5742	Observation id
title	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)	Pro
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.69735173921	Nominal RA [deg]
dec_nom	12.381069697446	Nominal Dec [deg]
roll_nom	245.59499842294	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5185.6000772417	Sum of GTIs [s]
livetime	4703.0655516431	Livetime [s]
ontime7	5185.6000772417	Sum of GTIs [s]
l2events	59361	Number of level 2 events

