

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 14370 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Aug 10 2012

See axaff14370N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.31365

## Comments

This observation is part of a series of HRC calibration observations to investigate the effect of changes in the high voltage on the data. This observation was taken at the nominal HV setting. The charge time is shorter than originally planned for this observation because of the execution of the test. Below is a table of the ObsID/HV-step configurations. ObsID Bottom Top Start (approx.) -----

```
----- 14370 102 90 2012:009:13:10:30 (nominal steps) 62692 103
90 2012:009:13:20:00 62691 103 91 2012:009:13:27:45 62690 104 91
2012:009:13:36:00 62689 104 92 2012:009:13:44:20 62688 105 92
2012:009:13:52:45 62687 105 93 2012:009:14:01:30 62686 106 93
2012:009:14:10:45 62685 106 94 2012:009:14:18:15 62684 102 90
2012:009:14:30:00 (nominal steps)
```

seq_num	291071	Sequence number
obs_id	14370	Observation id
title	Determination of HRC-S MCP HV step change	Proposal title
observer	CXC Calibration	Principal investigator
object	HZ43	Source name
ra_targ	199.092083	Observer's specified target RA [deg]
dec_targ	29.099	Observer's specified target Dec [deg]
ra_nom	199.09270356085	Nominal RA [deg]
dec_nom	29.108442094721	Nominal Dec [deg]
roll_nom	70.844690335813	Nominal Roll [deg]
revision	3	Processing version of data
ontime	313.65001654625	[s]
livetime	310.28462104547	Ontime multiplied by DTCOR
l2events	33046	Number of level 2 events

