

# V&V Summary Report

## L2 ASCDS Version : 8.4.3

Observation 62690 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Aug 13 2012

See axaff62690N004\_VV002\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	0.45920002430677

## Comments

Processed with custom gti-limit parameters to allow events from non-standard voltages to be included in gti. During the HRC-S/LETG observation of HZ43 both the bottom and top MCP HV were adjusted up gradually in steps. For each setting we updated the ObsID prior to changing the HV step. 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	0	Sequence number
obs_id	62690	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	199.09296434963	Nominal RA [deg]
dec_nom	29.101277680761	Nominal Dec [deg]
roll_nom	70.844786005921	Nominal Roll [deg]
revision	4	Processing version of data
ontime	459.20002430677	[s]
livetime	454.0834781397	Ontime multiplied by DTCOR
l2events	48729	Number of level 2 events

