

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 62684 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 10 2012

See axaff62684N004_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	0.49943127644062

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. This obsid was the last in the series and has nominal high voltage settings. =====

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	62684	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	199.09492293303	Nominal RA [deg]
dec_nom	29.105013048502	Nominal Dec [deg]
roll_nom	70.843818205553	Nominal Roll [deg]
revision	4	Processing version of data
ontime	499.43127644062	[s]
livetime	496.38537254197	Ontime multiplied by DTCOR
l2events	29780	Number of level 2 events

