

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 62692 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 10 2012

See axaff62692N004_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	0.45920002424717

Comments

HRC MCP HV test began with obsid 14370->62684. Note original commanded obsids had been previously used so raw telemetry was modified using edit_telem.pl to make these obsid number changes: 62800 -> 62692 62799 -> 62691 62798 -> 62690 62797 -> 62689 62796 -> 62688 62795 -> 62687 62794 -> 62686 62793 -> 62685 62792 -> 62684 ===== 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	62692	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	199.09487562971	Nominal RA [deg]
dec_nom	29.099712449303	Nominal Dec [deg]
roll_nom	70.84384219273	Nominal Roll [deg]
revision	4	Processing version of data
ontime	459.20002424717	[s]
livetime	454.19581905049	Ontime multiplied by DTCOR
l2events	48848	Number of level 2 events

