

V&V Summary Report

L2 ASCDS Version : 8.3.2

Observation 62989 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 15 2010

See [axaff62989N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0

Comments

HRC-I initial turn-on. HRC shield 1 HV full on, 03:49. Rates about 4500 per sec.

Start HRC-I high voltage turn-on, 04:07.

See occasional events at 04:46:14, at HV=1200v.

Hold at HV = 1350. Getting about 140 per sec count rate, of which \geq half are cosmic rays, but residual counting rate is higher than expected. HRC team decides to stay at this voltage step and monitor performance for the duration of time until radiation belt passage. (Expect to operate at 1550v).

Only level 1 events because there is no Kalman lock during this observation.

seq_num	0	Sequence number
obs_id	62989	Observation id
title	HRC Activation	Proposal title
observer	CHANDRA orbital activation and checkout	Principal investigator
object	 	Source name
ra_targ	0.0	Target RA
dec_targ	0.0	Target Dec
ra_nom	41.892998150787	Nominal RA
dec_nom	-11.17049851621	Nominal Dec
roll_nom	108.98328802538	Nominal Roll
revision	4	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events