

V&V Summary Report

L2 ASCDS Version : 10.1

Observation 16247 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Oct 25 2013

See [axaff16247N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.056432347536

Comments

The MCP HV levels and the trigger threshold of the instrument were set to non-standard values and as such the instrument is no longer 'calibrated'. Use of the LETG grating with HRC for an extended source results in a degradation of the spectral resolution. There is no longer a unique mapping between position of an event on the focal plane and wavelength. Reprocessed using custom gti limits file. `pset hrc_level_std_limits='/dsops/ap/sdp.10/14687/hrca_crab_gtilimN0001.fits'`. The default gain file was used.

seq_num	502247	Sequence number
obs_id	16247	Observation id
title	Pre-Planned Target of Opportunity (ToO) Observations of the Crab Nebula upon the Occurrence of the Next Gamma-Ray Flare	Proposal titl
observer	Dr. Martin Weisskopf	Principal investigator
object	Crab	Source name
ra_targ	83.631667	Observer's specified target RA [deg]
dec_targ	22.015667	Observer's specified target Dec [deg]
ra_nom	83.631643217763	Nominal RA [deg]
dec_nom	22.020370100912	Nominal Dec [deg]
roll_nom	91.594683563105	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20056.432347536	[s]
livetime	19770.145554813	Ontime multiplied by DTCOR
l2events	1451670	Number of level 2 events

