

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 5544 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Aug 10 2012

See axaff05544N004_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.14018

Comments

Slot 5 was automatically excluded from the aspect solution due to poor data quality.

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Solar activity during this observation possibly resulted in elevated event rates in the data stream and depressed and/or noisy values of PHA in the level 2 science data, most noticeably at 30 - 50 ksec into the observation. The final processed event data has been examined by the HRC team and appears unaffected by the solar radiation, but caution should be used because the final PHA values may be depressed or noisy during the periods of high radiation.

seq_num	500535	Sequence number
obs_id	5544	Observation id
title	Search for Sub-Millisecond Pulsars in 47 Tuc	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	47 Tuc	Source name
ra_targ	6.021667	Observer's specified target RA [deg]
dec_targ	-72.080528	Observer's specified target Dec [deg]
ra_nom	6.0247591009276	Nominal RA [deg]
dec_nom	-72.085103543075	Nominal Dec [deg]
roll_nom	283.14519994053	Nominal Roll [deg]
revision	3	Processing version of data
ontime	50140.183570951	[s]
livetime	49829.004092301	Ontime multiplied by DTCOR
l2events	2972842	Number of level 2 events

