V&V Summary Report
L2 ASCDS Version : 10.1.1

Observation 16496 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See axaff16496N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	66.491218155742

Comments

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Very shortly after obsid 16496 started taking data, ACIS experienced an
anomaly. The symptoms were that there are very few events (and only from
the first 20 or 30 frames) on the I3 chip. The other 3 CCD chips
performed nominally for the entire observation. The target is extended
and centered on chip I3. There are essentially no useful data on chip
I3, but parts of the extended emission from the target as well as
serendipitous sources that fall on the other 3 CCD chips are unaffected
by the ACIS anomaly and appropriate for analysis. Because of the ACIS
anomaly, this observation was repeated as obsid 16541. The sequence
number for this obsid (16496) has been changed to differentiate it from
the series of good observations.
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These data have been reprocessed with new aspect alignment calibration
files that correct small mean offsets (up to 0.4 arcsecs) and improve
overall astrometric accuracy. The new calibration was determined using
data from the time period being reprocessed and was performed using
cross-correlation of X-ray sources with radio and optical counterparts.
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seq_num	502267	Sequence number
obs_id	16496	Observation id
title	A Detailed Study of the Composite Supernova Remnant MSH 11-62	Prop
observer	Dr. Patrick Slane	Principal investigator
object	MSH 11-62	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	167.982333	Observer's specified target RA [deg]
dec_targ	-60.624583	Observer's specified target Dec [deg]
ra_nom	167.97142645939	Nominal RA [deg]
dec_nom	-60.61853382347	Nominal Dec [deg]
roll_nom	114.1991891892	Nominal Roll [deg]
revision	3	Processing version of data
ontime	66491.218155742	Sum of GTIs [s]
livetime	65622.461440414	Livetime [s]
ontime0	66500.517976522	Sum of GTIs [s]
ontime1	66497.418086052	Sum of GTIs [s]
ontime2	66497.459145904	Sum of GTIs [s]
ontime3	66491.218155742	Sum of GTIs [s]
l2events	111313	Number of level 2 events