

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 18278 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 17 2016

See axaff18278N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2016.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.569100235224

Comments

ISSUE: There was an ACIS anomaly affecting CCD_ID 5 (S1) which resulted in half the frames being dropped after about 5 ks into the observation. The PHA spectra are also abnormal, but this appears to all be in bad grades, which are removed from the final Level 2 event file. The net result is that the effective exposure time on S1 is only about 18 ks. Any background data used from S1 should be used with caution. The CXC is investigating the anomaly.

If this compromises the scientific analysis of this observation sequence in any way, please contact the CXC for help.

seq_num	801597	Sequence number
obs_id	18278	Observation id
title	Mapping an unusually Relaxed Non-Cool-Core Cluster out to the Viral Radius	Proposal title
observer	Yuanyuan Su	Principal investigator
object	Abell 586	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	113.0225	Observer's specified target RA [deg]
dec_targ	31.57375	Observer's specified target Dec [deg]
ra_nom	113.01625015538	Nominal RA [deg]
dec_nom	31.582605760475	Nominal Dec [deg]
roll_nom	97.211971602432	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30569.100235224	Sum of GTIs [s]
livetime	30169.692436006	Livetime [s]
ontime0	30569.100235224	Sum of GTIs [s]
ontime1	30565.959154963	Sum of GTIs [s]
ontime2	30569.100235224	Sum of GTIs [s]
ontime3	30569.100235224	Sum of GTIs [s]
ontime5	17766.129058599	Sum of GTIs [s]
l2events	194048	Number of level 2 events

