

V&V Summary Report

L2 ASCDS Version : 10.6.3

Observation 19780 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 2 2018

See axaff19780N002_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.452152251601

Comments

Special processing steps were take to manually improve the proper-motion corrected positions of four of the guide stars used in this observation (stars with AGASC ids [see below for details]. Each had an incomplete record of the proper motion in the star catalog (AGASC 1.6) and had no proper motion corrections applied automatically by the aspect pipeline. The positions were fixed manually using the available data in AGASC 1.6 to ensure high quality absolute astrometry, and the corrected positions are now reasonable compared to the observed star positions.

```
agasc_id 335021128 slot 3
set ra_corr to 216.159139688
set pos_eci to '-0.666001717221 -0.48671057834 0.565291540349'
==
agasc_id 335023248 slot 4
set dec_corr to 34.9445842717
set pos_eci to '-0.6491407305 -0.500534635733 0.572783895058'
==
agasc_id 335028696 slot 5
set ra_corr to 217.260055406
set pos_eci to '-0.661035947761 -0.502846533425 0.556935220281'
==
```

```

agasc_id 335417968 slot 7
set ra_corr to 217.358004169
set pos_eci to '-0.650670648028 -0.496719995847 0.574366567203

```

seq_num	901396	Sequence number
obs_id	19780	Observation id
title	An extended moderate-depth contiguous layer of the Chandra Bootes field -- additional pointings	Proposal title
observer	Ralph Kraft	Principal investigator
object	Bootes extended Cy18	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.07535	Observer's specified target RA [deg]
dec_targ	34.684739	Observer's specified target Dec [deg]
ra_nom	217.07370476666	Nominal RA [deg]
dec_nom	34.67434774419	Nominal Dec [deg]
roll_nom	235.55337098415	Nominal Roll [deg]
revision	2	Processing version of data
ontime	23452.152251601	Sum of GTIs [s]
livetime	23155.186978601	Livetime [s]
ontime0	23448.78814137	Sum of GTIs [s]
ontime1	23452.070171595	Sum of GTIs [s]
ontime2	23448.870320559	Sum of GTIs [s]
ontime3	23452.152251601	Sum of GTIs [s]
ontime6	23452.234331608	Sum of GTIs [s]
ontime7	23452.193291664	Sum of GTIs [s]
l2events	175167	Number of level 2 events

