

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20834 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 6 2017

See axaff20834N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.369200279832

Comments

WARNING: this is a grating observation of a very extended source. Dispersed spectra are a mix of spatial and spectral information. The default extraction, on the nominal target position, is of no particular significance. Custom analysis will be required to perform extractions on features of interest (e.g., bright knots). Note that there are also no standard responses for analysis of extended sources; the grating RMFs (LSF) are as if point sources, so custom analysis will be required to model profiles, with care to disentangle spatial-spectral features.

Comments for Obi 0

Fid in slot 1 radial offset > 0.550000 arcsec

Aspect review: acceptable.

seq_num	502941	Sequence number
obs_id	20834	Observation id
title	Ejecta Kinematics Study of Tycho's SNR With Chandra HETGS	Proposa
observer	SANGWOOK PARK	Principal investigator
object	Tycho's Supernova Remnant	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	6.329167	Observer's specified target RA [deg]
dec_targ	64.136111	Observer's specified target Dec [deg]
ra_nom	6.3284366181652	Nominal RA [deg]
dec_nom	64.12933214814	Nominal Dec [deg]
roll_nom	222.15728290598	Nominal Roll [deg]
revision	1	Processing version of data
ontime	36369.200279832	Sum of GTIs [s]
livetime	35894.00990356	Livetime [s]
ontime5	36369.200279832	Sum of GTIs [s]
ontime6	36369.200279832	Sum of GTIs [s]
ontime7	36369.200279832	Sum of GTIs [s]
ontime8	36366.059209585	Sum of GTIs [s]
ontime9	36362.918038726	Sum of GTIs [s]
l2events	1163684	Number of level 2 events

