

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20835 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Nov 6 2017

See axaff20835N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.94880041647

## 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	20835	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	&#160
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	6.328487648489	Nominal RA [deg]
dec_nom	64.129427393186	Nominal Dec [deg]
roll_nom	222.15723948841	Nominal Roll [deg]
revision	1	Processing version of data
ontime	27948.80041647	Sum of GTIs [s]
livetime	27594.895876849	Livetime [s]
ontime4	27712.20173943	Sum of GTIs [s]
ontime5	27948.80041647	Sum of GTIs [s]
ontime6	27741.371413112	Sum of GTIs [s]
ontime7	27948.80041647	Sum of GTIs [s]
ontime8	27945.559376121	Sum of GTIs [s]
ontime9	27922.871803761	Sum of GTIs [s]
l2events	921038	Number of level 2 events

