

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19293 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 18 2017

See [axaff19293N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.647800389647

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.

seq_num	502941	Sequence number
obs_id	19293	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	6.3277616051217	Nominal RA [deg]
dec_nom	64.130409276392	Nominal Dec [deg]
roll_nom	215.15789511563	Nominal Roll [deg]
revision	1	Processing version of data
ontime	50647.800389647	Sum of GTIs [s]
livetime	49986.049591189	Livetime [s]
ontime5	50647.800389647	Sum of GTIs [s]
ontime6	50644.655069947	Sum of GTIs [s]
ontime7	50647.800389647	Sum of GTIs [s]
ontime8	50647.755130291	Sum of GTIs [s]
ontime9	50644.572989941	Sum of GTIs [s]
l2events	1610031	Number of level 2 events

