

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 19292 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 27 2017

See [axaff19292N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.10.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.096731146574

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	19292	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	6.3270533182301	Nominal RA [deg]
dec_nom	64.129791418709	Nominal Dec [deg]
roll_nom	215.15852880879	Nominal Roll [deg]
revision	1	Processing version of data
ontime	20096.731146574	Sum of GTIs [s]
livetime	19834.152559146	Livetime [s]
ontime5	20096.69010663	Sum of GTIs [s]
ontime6	20096.649066567	Sum of GTIs [s]
ontime7	20096.731146574	Sum of GTIs [s]
ontime8	20096.608026624	Sum of GTIs [s]
ontime9	20093.425966263	Sum of GTIs [s]
l2events	646209	Number of level 2 events

