

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20822 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 24 2017

See axaff20822N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.095700108528

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	20822	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	6.3271493851338	Nominal RA [deg]
dec_nom	64.12992325178	Nominal Dec [deg]
roll_nom	215.15840357163	Nominal Roll [deg]
revision	1	Processing version of data
ontime	14095.700108528	Sum of GTIs [s]
livetime	13911.529409507	Livetime [s]
ontime5	14095.680866718	Sum of GTIs [s]
ontime6	14092.498786211	Sum of GTIs [s]
ontime7	14095.700108528	Sum of GTIs [s]
ontime8	14092.457845807	Sum of GTIs [s]
ontime9	14095.557746649	Sum of GTIs [s]
l2events	454748	Number of level 2 events

