

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20821 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 20 2017

See axaff20821N001_VV001_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.953960358858

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	20821	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	6.3295097964349	Nominal RA [deg]
dec_nom	64.129665345116	Nominal Dec [deg]
roll_nom	225.15630985567	Nominal Roll [deg]
revision	1	Processing version of data
ontime	25953.960358858	Sum of GTIs [s]
livetime	25625.315685196	Livetime [s]
ontime4	25030.485449314	Sum of GTIs [s]
ontime5	25953.919318795	Sum of GTIs [s]
ontime6	25169.544691205	Sum of GTIs [s]
ontime7	25953.960358858	Sum of GTIs [s]
ontime8	25944.114047647	Sum of GTIs [s]
ontime9	25850.08273685	Sum of GTIs [s]
l2events	858569	Number of level 2 events

