

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 14425 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

See [axaff14425N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.05.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.088299789071

Comments

Due to a celestial coordinate error, the zeroth order is about 7 arcmin off-axis. A custom extraction was performed to center on the observed zeroth order source location, and to adjust extraction parameters accordingly for the large off-axis PSF. Specifically, the `tgextract` cross-dispersion regions were enlarged to include the entire width of the spectrum, and the background extraction was omitted. Note that there are no grating response matrix calibration products for such far off-axis line-spread functions. Detailed analysis requiring line profiles will require ray-trace simulations.

seq_num	401429	Sequence number
obs_id	14425	Observation id
title	An HETGS Observation of the Transient MAXI J1305-704	Proposal titl
observer	Dr Jon Miller	Principal investigator
object	MAXI J1305-704	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	196.41625	Observer's specified target RA [deg]
dec_targ	-70.415	Observer's specified target Dec [deg]
ra_nom	196.38524561637	Nominal RA [deg]
dec_nom	-70.407521552815	Nominal Dec [deg]
roll_nom	335.93418539293	Nominal Roll [deg]
revision	2	Processing version of data
ontime	30088.299789071	Sum of GTIs [s]
livetime	29379.054841601	Livetime [s]
ontime4	30088.299789071	Sum of GTIs [s]
ontime5	30088.299789071	Sum of GTIs [s]
ontime6	30086.55874896	Sum of GTIs [s]
ontime7	30088.299789071	Sum of GTIs [s]
ontime8	30088.299789071	Sum of GTIs [s]
ontime9	30088.299789071	Sum of GTIs [s]
l2events	1605705	Number of level 2 events

