

V&V Summary Report

L2 ASCDS Version : 10.6

Observation 20203 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 14 2017

See [axaff20203N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.039

Comments

Charge time variation with chip is due to count-rate saturation; used the longest time (ontime5), which is indicative of the requested exposure.

Note: the zeroth order was placed near the array edge, hence only negative heg and positive meg orders are present. There may also be a spurious count-rate modulation due to dither.

Charge time:

Variation in Chips > 15% threshold.

Low Chip 7, ONTIME=19101.272424 seconds

High Chip 5, ONTIME=28039.081692 seconds

Chip 8, ONTIME=22167.590889 seconds is less than 80% of scheduled time=28000.000000 seconds

Chip 7, ONTIME=19101.272424 seconds is less than 80% of scheduled time=28000.000000 seconds

Chip 6, ONTIME=20758.310420 seconds is less than 80% of scheduled time=28000.000000 seconds

ONTIME of 19101.272424459 seconds is less than 85% of expected scheduled time of 28000 seconds

seq_num	401930	Sequence number
obs_id	20203	Observation id
title	An Integrated Approach to Winds, Jets, and State Transitions	Propo
observer	Joseph Neilsen	Principal investigator
object	MAXI J1535-571	Source name
ra_targ	233.832142	Observer's specified target RA [deg]
dec_targ	-57.229884	Observer's specified target Dec [deg]
ra_nom	233.83630416221	Nominal RA [deg]
dec_nom	-57.235206968022	Nominal Dec [deg]
roll_nom	244.3379740122	Nominal Roll [deg]
revision	1	Processing version of data
ontime	19101.272424459	Sum of GTIs [s]
livetime	19026.658079051	Livetime [s]
ontime4	23431.419620991	Sum of GTIs [s]
ontime5	28039.081691623	Sum of GTIs [s]
ontime6	20758.310419679	Sum of GTIs [s]
ontime7	19101.272424459	Sum of GTIs [s]
ontime8	22167.590889335	Sum of GTIs [s]
ontime9	24888.192085147	Sum of GTIs [s]
l2events	6249510	Number of level 2 events

