

# V&V Summary Report

## L2 ASCDS Version : 10.6

Observation 20205 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2017

See axaff20205N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.07

## Comments

Due to saturation, ONTIMEn varies greatly with CCD. Used CCD5 for the Charge Time.

Used manually determined zeroth order position.

Detector offset places two arms off the array, so data are primarily comprised of HEG negating and MEG positive orders.

Charge time:

Variation in Chips > 15% threshold.

Low Chip 7, ONTIME=10829.629536 seconds

High Chip 5, ONTIME=30070.500000 seconds

Chip 8, ONTIME=21977.955401 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 7, ONTIME=10829.629536 seconds is less than 80% of scheduled time=30000.000000 seconds

Chip 6, ONTIME=12255.243519 seconds is less than 80% of scheduled time=30000.000000 seconds

ONTIME of 10829.629535913 seconds is less than 85% of expected scheduled time of 30000 seconds

seq_num	401932	Sequence number
obs_id	20205	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	233.83375906448	Nominal RA [deg]
dec_nom	-57.234876229798	Nominal Dec [deg]
roll_nom	227.82002495537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10829.629535913	Sum of GTIs [s]
livetime	10787.326295539	Livetime [s]
ontime4	24397.298087955	Sum of GTIs [s]
ontime5	30070.5	Sum of GTIs [s]
ontime6	12255.24351871	Sum of GTIs [s]
ontime7	10829.629535913	Sum of GTIs [s]
ontime8	21977.955400586	Sum of GTIs [s]
ontime9	25160.461788058	Sum of GTIs [s]
l2events	4134765	Number of level 2 events

