

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 5311 - L2 Version 5  
Chandra X-Ray Center

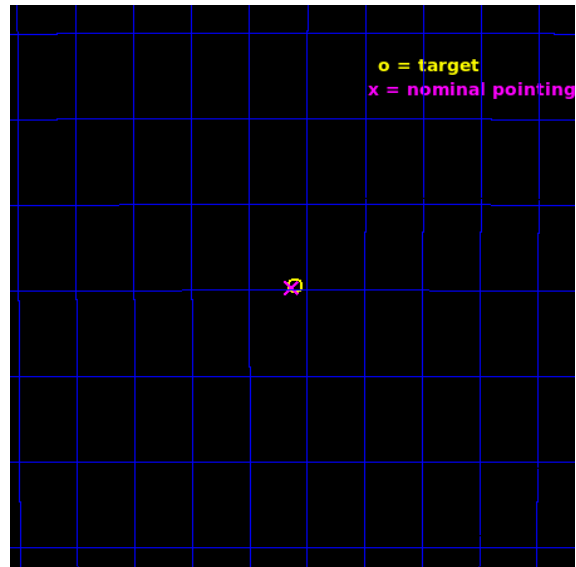
L2 Processing Date : Sep 25 2020

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# 1 Front

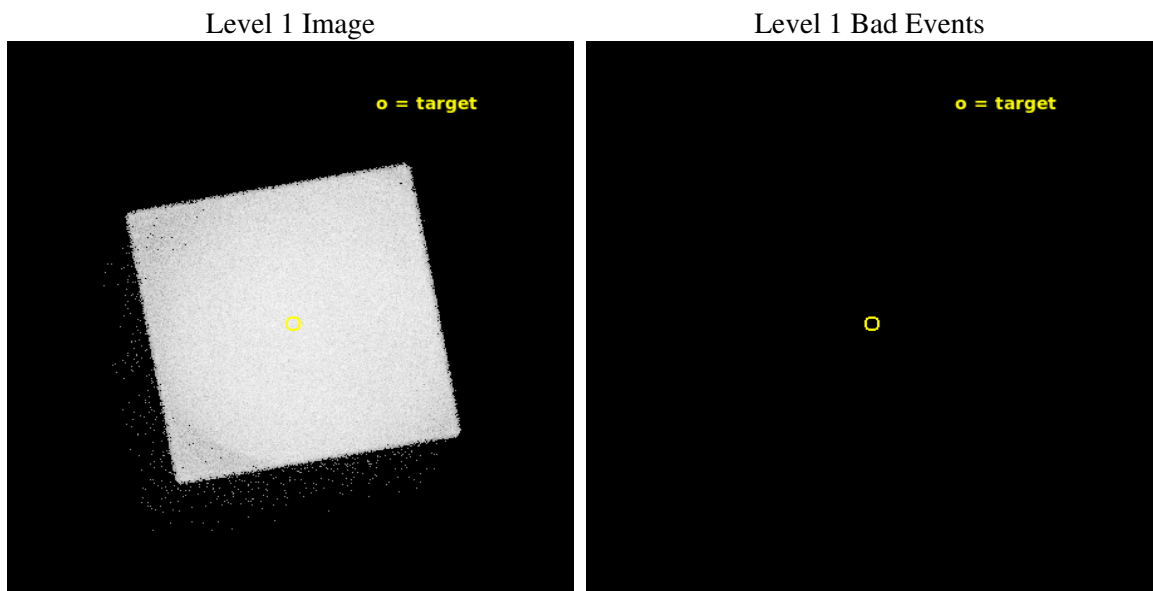
seq_num	100052	Sequence number
obs_id	5311	Observation id
title	Chandra by Chandra	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Moon	Source name
ra_targ	202.15024	Observer's specified target RA [deg]
dec_targ	-30.492239	Observer's specified target Dec [deg]
ra_nom	202.15744586008	Nominal RA [deg]
dec_nom	-30.495583917501	Nominal Dec [deg]
roll_nom	304.40816501746	Nominal Roll [deg]
revision	5	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	5616.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	0.0	[s]
caldbver	4.9.2	&#160	l1events	577138	Number of level 1 events
date	2020-09-25T18:07:40	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

	<b>segment 0</b>
level 1 events	577138
rejected events	0
rejected %	0%

## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	202.1574275990289	202.1574458600758
[deg] Pointing Dec	-30.49556102610968	-30.49558391750074
[deg] Pointing Roll	304.4081557436855	304.4081650174599
[mm] SIM focus pos	-1.0388663562	-1.0388663562
[mm] SIM defocus	0.00142623215544524	0.00142623215544524
[mm] SIM translation stage pos	126.98297999	126.98297999
[mm] SIM translation stage offset	0.002514315287797331	0.002514315287797331
Phase constraints	Y	Y
[d] Phase period	29.500000	29.500000
[d] Phase epoch (MJD)	52585.000000	52585.000000
Phase start	0.470000	0.470000
Phase end	0.530000	0.530000
Phase start error	0.300000	0.300000
Phase end error	0.300000	0.300000
[s] Observation start time (MET)	200032661.330678	200032661.330678
Observation start date	2004-05-04T04:36:07	2004-05-04T04:37:41
[s] Observation end time (MET)	200038362.38093	200038362.38093
Observation end date	2004-05-04T06:09:43	2004-05-04T06:12:42

Parameter	Planned	Actual
Obspar format version number	8	8
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE

## 2.3 Star Slots

## 2.4 FID Slots

# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.521

## A.2 Comments

Because the OBC aspect solution was used, there are no L2 events, and consequently no GTIs. Charge time is taken from the L1 ontime instead.

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This is an observation of a moving target. Users will need to run sso\_freeze or similar software to position the events in the reference frame of the target.