

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 5351 - L2 Version 5  
Chandra X-Ray Center

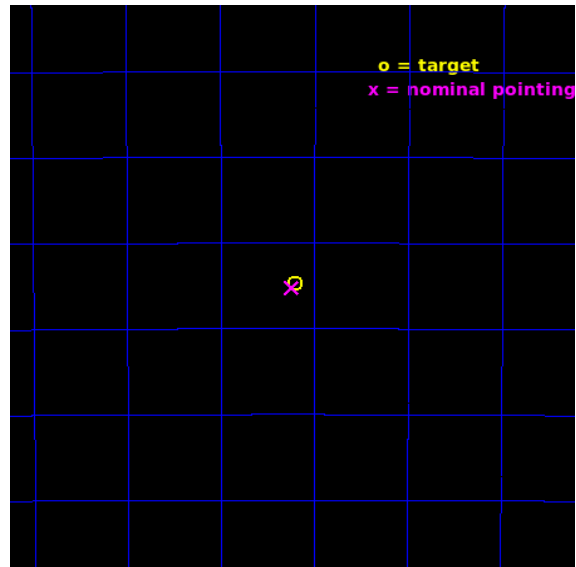
L2 Processing Date : Sep 27 2020

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# 1 Front

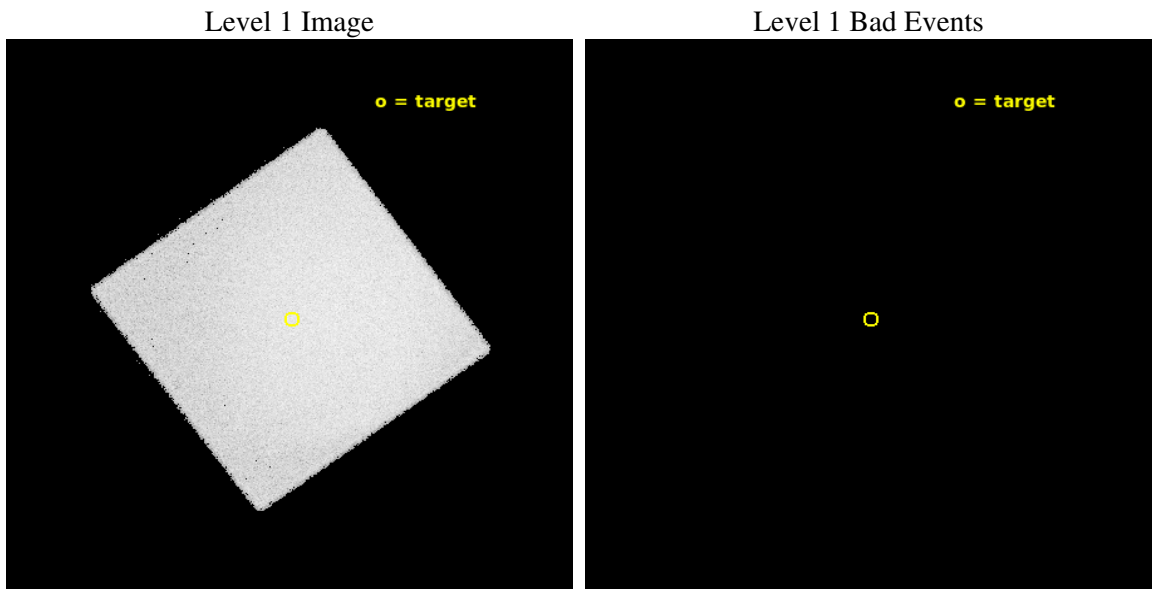
seq_num	100052	Sequence number
obs_id	5351	Observation id
title	Chandra by Chandra	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Moon	Source name
ra_targ	249.802379	Observer's specified target RA [deg]
dec_targ	-45.578648	Observer's specified target Dec [deg]
ra_nom	249.8099349772	Nominal RA [deg]
dec_nom	-45.58731980499	Nominal Dec [deg]
roll_nom	278.71006339089	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	2	Obi number	sched_exp_time	5600.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	0.0	[s]
caldbver	4.9.2	&#160	l1events	516816	Number of level 1 events
date	2020-09-27T14:49:13	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	516816
rejected events	0
rejected %	0%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	8	8
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	249.8099289009845	249.8099349772013			
[deg] Pointing Dec	-45.5872923546131	-45.58731980498972			
[deg] Pointing Roll	278.7100590437319	278.7100633908893			
[mm] SIM focus pos	-1.0388663562	-1.0388663562			
[mm] SIM defocus	0.00142623215544524	0.00142623215544524			
[mm] SIM translation stage pos	126.9854943053	126.9854943053			
[mm] SIM translation stage offset	-1.219291334564332e-11	-1.219291334564332e-11			
[s] Observation start time (MET)	207357226.5798547	207357226.5798547			
Observation start date	2004-07-27T23:13:16	2004-07-27T23:13:46			
[s] Observation end time (MET)	207362861.0051049	207362861.0051049			
Observation end date	2004-07-28T00:46:36	2004-07-28T00:47:41			

## **2.3 Star Slots**

## **2.4 FID Slots**

# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.471

## 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.