

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 5312 - L2 Version 4
Chandra X-Ray Center

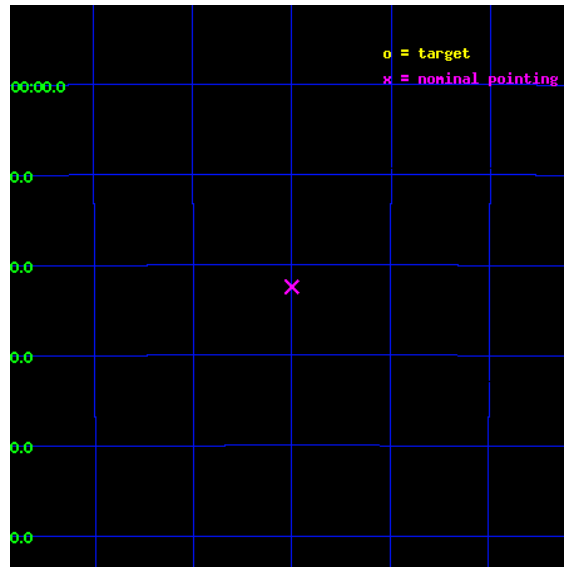
L2 Processing Date : Dec 1 2012

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1 Front

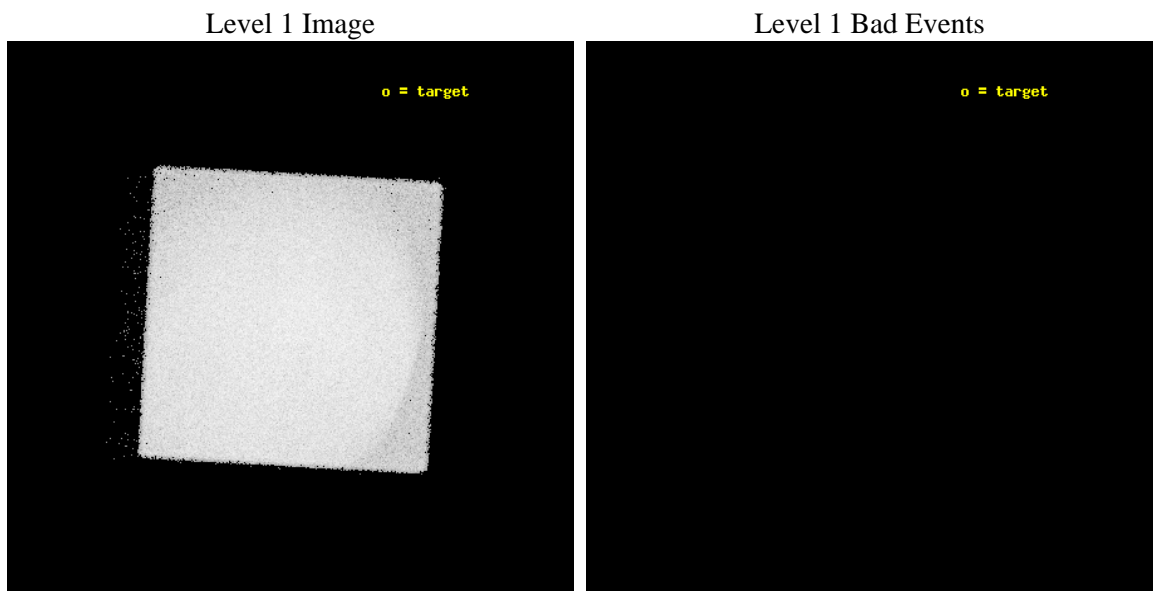
seq_num	100052	Sequence number
obs_id	5312	Observation id
title	Chandra by Chandra	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Moon	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	232.99982879531	Nominal RA [deg]
dec_nom	-42.374079763326	Nominal Dec [deg]
roll_nom	318.21672466967	Nominal Roll [deg]
revision	4	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	5600.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	0.0	[s]
caldbver	4.5.2	 	l1events	575430	Number of level 1 events
date	2012-12-02T02:16:31	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	575430
rejected events	0
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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	232.9998007159992	232.9998287953138			
[deg] Pointing Dec	-42.37406128912572	-42.37407976332633			
[deg] Pointing Roll	318.216705738295	318.2167246696665			
[s] Window start time (MET)	202552264.184000	202552264.184000			
[s] Window stop time (MET)	202568464.184000	202568464.184000			
[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			
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)	202552845.341911	202552845.341911			
Observation start date	2004-06-02T08:41:00	2004-06-02T08:40:45			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.679

A.2 Comments

Comments for Obi 0

On-Board-Computer aspect solution used

Window constraint met.

Phase constraint met after the initial 350 seconds of the observation.

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