

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5327 - L2 Version 5
Chandra X-Ray Center

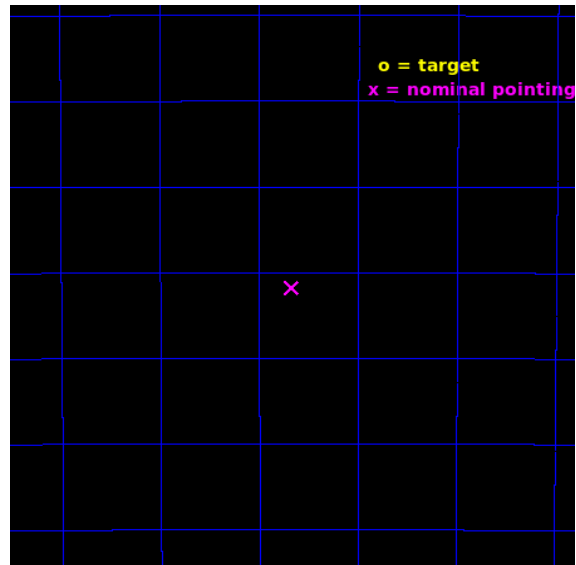
L2 Processing Date : Sep 26 2020

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1 Front

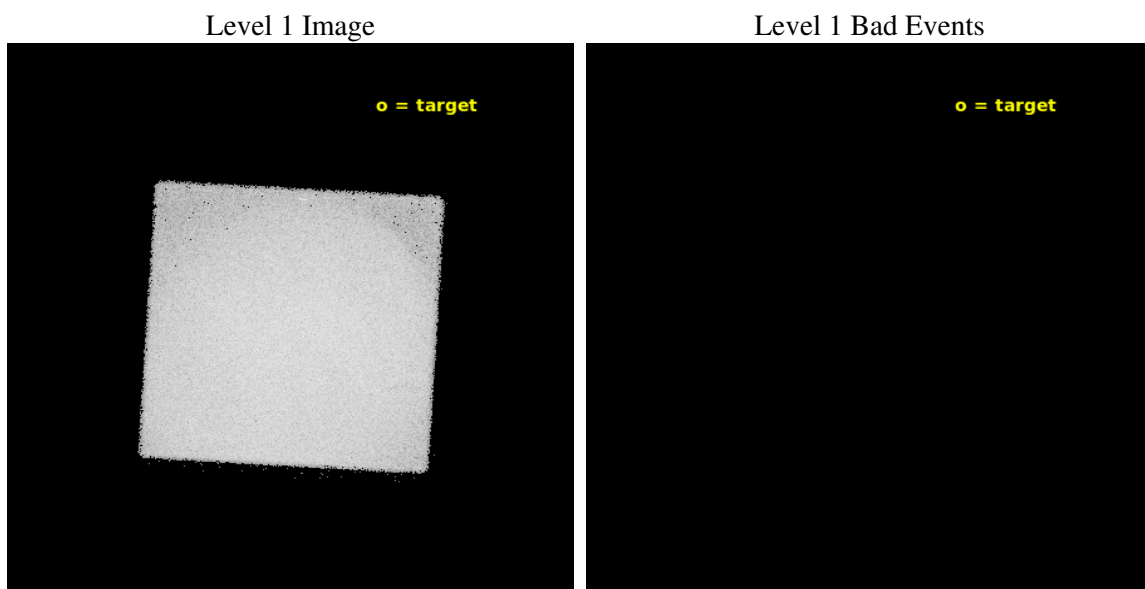
seq_num	100052	Sequence number
obs_id	5327	Observation id
title	Chandra by Chandra	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Moon	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	233.16713427145	Nominal RA [deg]
dec_nom	-42.363482371103	Nominal Dec [deg]
roll_nom	318.31614927827	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	5600.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	0.0	[s]
caldbver	4.9.2	 	l1events	587285	Number of level 1 events
date	2020-09-26T10:19:54	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	587285
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	233.1671065655547	233.167134271449			
[deg] Pointing Dec	-42.36346550961809	-42.36348237110273			
[deg] Pointing Roll	318.3161306013191	318.3161492782729			
[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)	202561155.017278	202561155.017278			
Observation start date	2004-06-02T10:58:49	2004-06-02T10:59:15			

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	5.638

A.2 Comments

Window constraint met.

Phase constraint met.

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

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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.