

V&V Reference Report

L2 ASCDS Version : 10.9.1

Observation 5324 - L2 Version 5
Chandra X-Ray Center

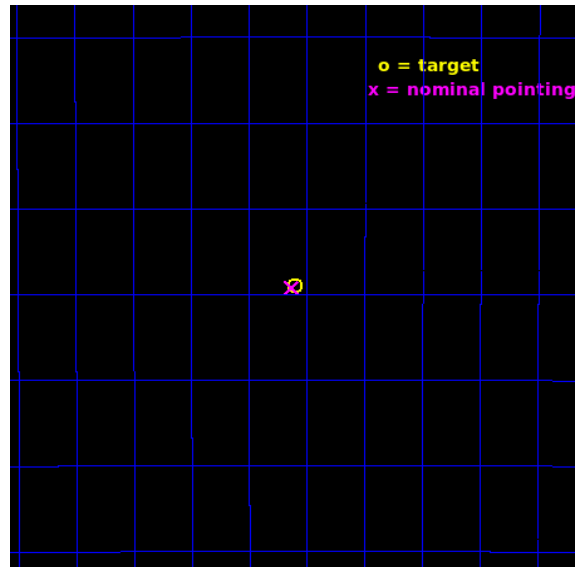
L2 Processing Date : Sep 25 2020

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

1 Front

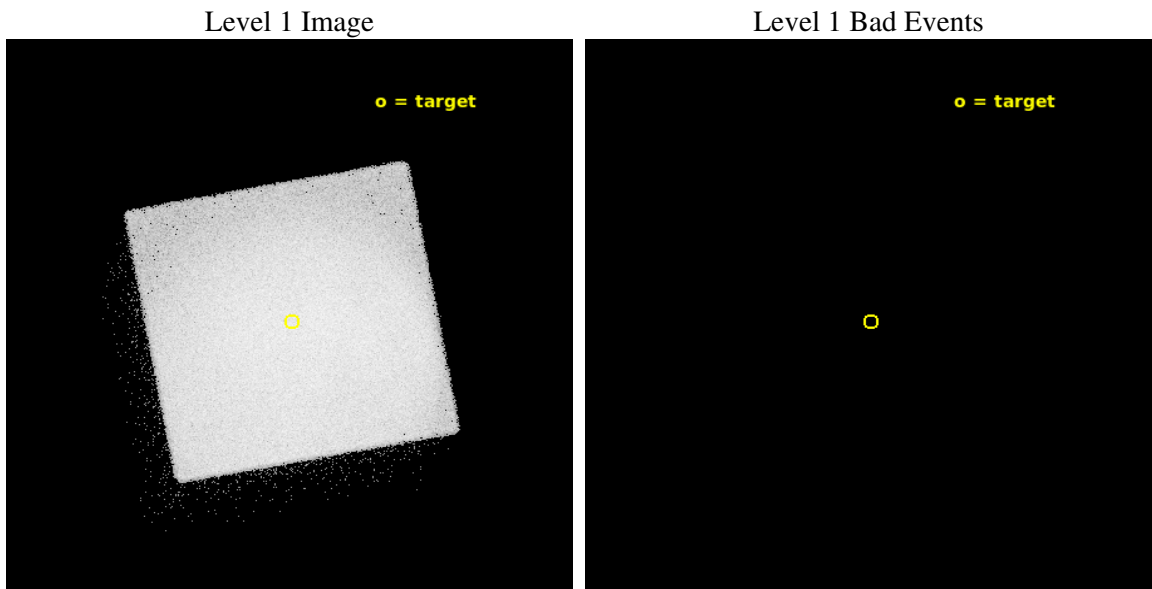
seq_num	100052	Sequence number
obs_id	5324	Observation id
title	Chandra by Chandra	Proposal title
observer	Dr. Jeremy Drake	Principal investigator
object	Moon	Source name
ra_targ	202.025708	Observer's specified target RA [deg]
dec_targ	-30.317875	Observer's specified target Dec [deg]
ra_nom	202.03231798636	Nominal RA [deg]
dec_nom	-30.320930521774	Nominal Dec [deg]
roll_nom	304.40794016329	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	5642.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	0.0	[s]
caldbver	4.9.2	 	l1events	564909	Number of level 1 events
date	2020-09-25T18:08:02	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

	segment 0
level 1 events	564909
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	202.0322997580563	202.0323179863594
[deg] Pointing Dec	-30.32090763032056	-30.32093052177423
[deg] Pointing Roll	304.4079309540576	304.407940163294
[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)	200041212.906055	200041212.906055
Observation start date	2004-05-04T07:00:15	2004-05-04T07:00:12
[s] Observation end time (MET)	200047032.856312	200047032.856312
Observation end date	2004-05-04T08:34:17	2004-05-04T08:37:12

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	5.772

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.

===

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.