

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52334 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 7 2014

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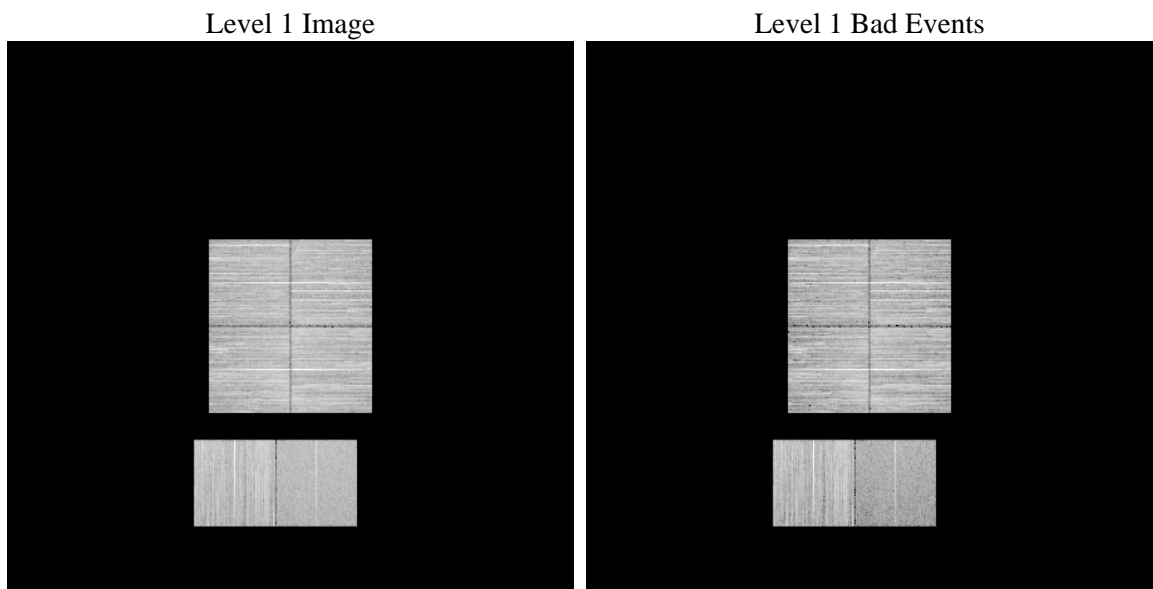
1 Front

seq_num	 	Sequence number
obs_id	52334	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	25.987960644217	Nominal RA [deg]
dec_nom	36.97271810256	Nominal Dec [deg]
roll_nom	217.85013020601	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8469.5075842738	Sum of GTIs [s]
livetime	8362.2615795165	Livetime [s]
ontime0	8469.4665442705	Sum of GTIs [s]
ontime1	8469.4255042672	Sum of GTIs [s]
ontime2	8469.3844642639	Sum of GTIs [s]
ontime3	8469.5486242771	Sum of GTIs [s]
ontime6	8469.3434242606	Sum of GTIs [s]
ontime7	8469.5075842738	Sum of GTIs [s]
l2events	163530	Number of level 2 events

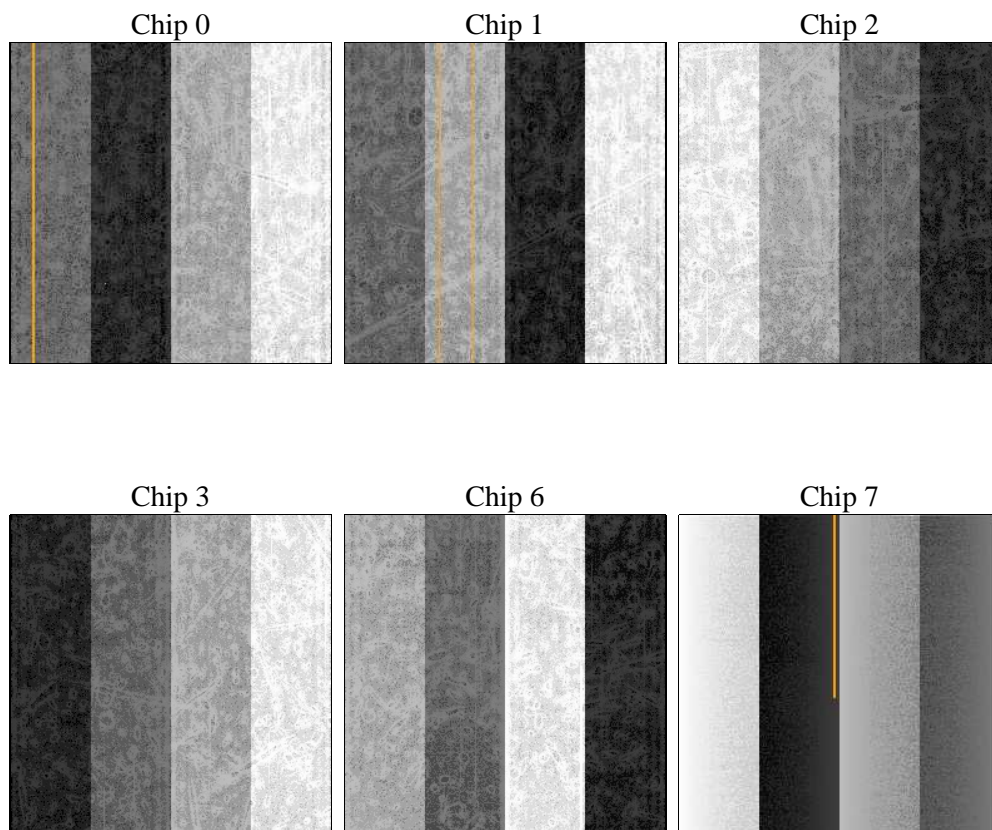
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3	Processing system revision	ontime	8469.5075842738	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8469.4665442705	Sum of GTIs [s]
date	2014-11-07T05:11:45	Date and time of file creation	ontime1	8469.4255042672	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8469.3844642639	Sum of GTIs [s]
			ontime3	8469.5486242771	Sum of GTIs [s]
			ontime6	8469.3434242606	Sum of GTIs [s]
			ontime7	8469.5075842738	Sum of GTIs [s]
			l1events	835883	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	139087	142571	140874	148079	149192	116080	grade 0 events	11969	11583	12489	12693	11968	6363
rejected events	114744	117918	116320	123262	123819	66388		8%	8%	8%	8%	8%	5%
rejected %	82%	82%	82%	83%	82%	57%	grade 1 events	67	51	80	62	75	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	5122	5621	4875	4816	5577	12296
								3%	3%	3%	3%	3%	10%
							grade 3 events	1694	1676	1690	1715	1709	3785
								1%	1%	1%	1%	1%	3%
							grade 4 events	1675	1616	1720	1726	1587	3840
								1%	1%	1%	1%	1%	3%
							grade 5 events	2807	2789	2726	3193	3015	7122
								2%	1%	1%	2%	2%	6%
							grade 6 events	3890	4167	3790	3875	4538	23422
								2%	2%	2%	2%	3%	20%
							grade 7 events	111863	115068	113504	119999	120723	59179
								80%	80%	80%	81%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	25.98796064421748	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	36.97271810256009	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	217.8501302060058	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	531692248.473998	531692247.449			
Observation start date	2014-11-06T20:17:28	2014-11-06T20:17:27			
[s] Observation end time (MET)	531703035.574597	531703034.5496			
Observation end date	2014-11-06T23:17:16	2014-11-06T23:17:14			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4695075842738

A.2 Comments