

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52283 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 28 2014

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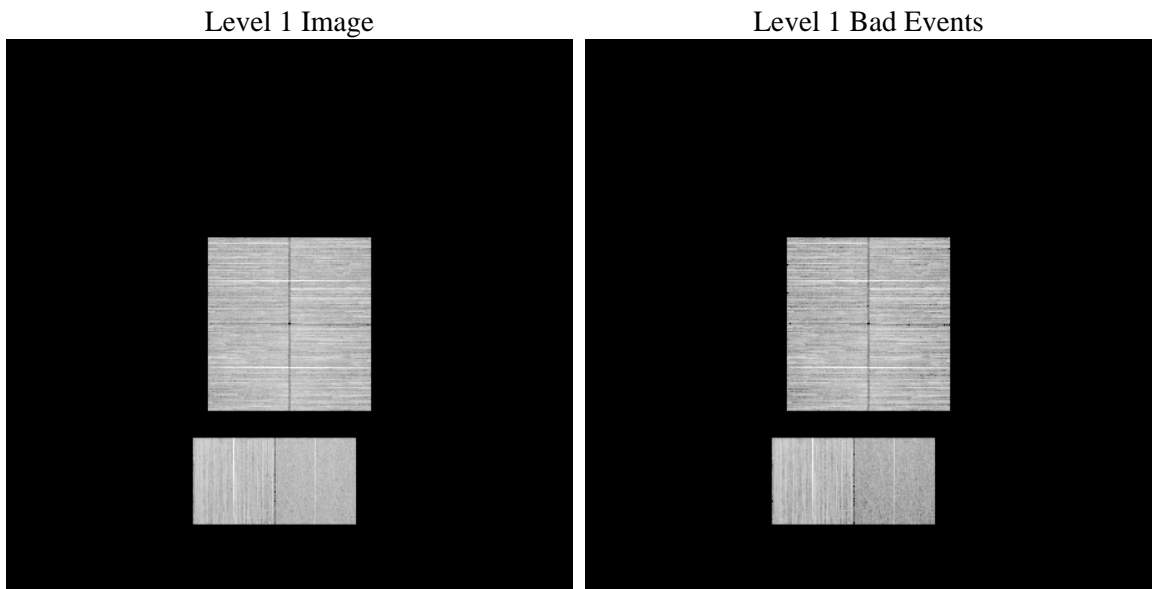
1 Front

seq_num	 	Sequence number
obs_id	52283	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	269.93322533366	Nominal RA [deg]
dec_nom	-8.4004223822014	Nominal Dec [deg]
roll_nom	140.34370599979	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8357.7254475355	Sum of GTIs [s]
livetime	8251.8948955007	Livetime [s]
ontime0	8357.6844075322	Sum of GTIs [s]
ontime1	8357.6433675289	Sum of GTIs [s]
ontime2	8357.6023275256	Sum of GTIs [s]
ontime3	8357.7664875388	Sum of GTIs [s]
ontime6	8357.5612875223	Sum of GTIs [s]
ontime7	8357.7254475355	Sum of GTIs [s]
l2events	165548	Number of level 2 events

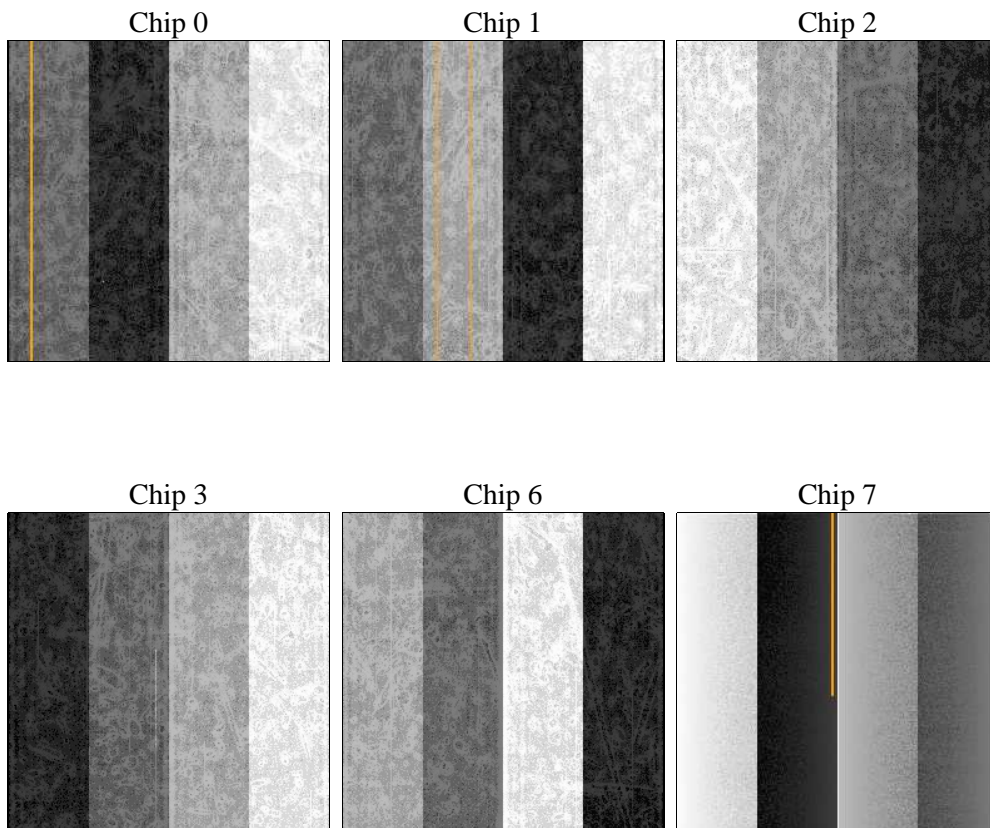
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.3	Processing system revision	ontime	8357.7254475355	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8357.6844075322	Sum of GTIs [s]
date	2014-11-28T12:34:00	Date and time of file creation	ontime1	8357.6433675289	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8357.6023275256	Sum of GTIs [s]
			ontime3	8357.7664875388	Sum of GTIs [s]
			ontime6	8357.5612875223	Sum of GTIs [s]
			ontime7	8357.7254475355	Sum of GTIs [s]
			l1events	925254	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	149479	157632	159419	164923	167799	126002	grade 0 events	11992	11183	12440	12402	11618	6341
rejected events	124869	133184	134851	140212	142323	74160		8%	7%	7%	7%	6%	5%
rejected %	83%	84%	84%	85%	84%	58%	grade 1 events	67	66	78	65	55	84
								0%	0%	0%	0%	0%	0%
							grade 2 events	5400	5887	5113	5095	6107	12901
								3%	3%	3%	3%	3%	10%
							grade 3 events	1749	1593	1764	1748	1599	3958
								1%	1%	1%	1%	0%	3%
							grade 4 events	1680	1566	1743	1776	1655	3943
								1%	0%	1%	1%	0%	3%
							grade 5 events	2876	2863	2705	3187	3063	7639
								1%	1%	1%	1%	1%	6%
							grade 6 events	4070	4516	3831	4010	4815	25377
								2%	2%	2%	2%	2%	20%
							grade 7 events	121645	129958	131745	136640	138887	65759
								81%	82%	82%	82%	82%	52%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	269.9332253336609
[deg] Pointing Dec	0	-8.40042238220145
[deg] Pointing Roll	0.0	140.3437059997866
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	533520612.82579	533520612.82579
Observation start date	2014-11-28T00:10:13	2014-11-28T00:10:12
[s] Observation end time (MET)	533530610.173278	533530610.173278
Observation end date	2014-11-28T02:56:50	2014-11-28T02:56:50
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3577254475355

A.2 Comments