

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57536 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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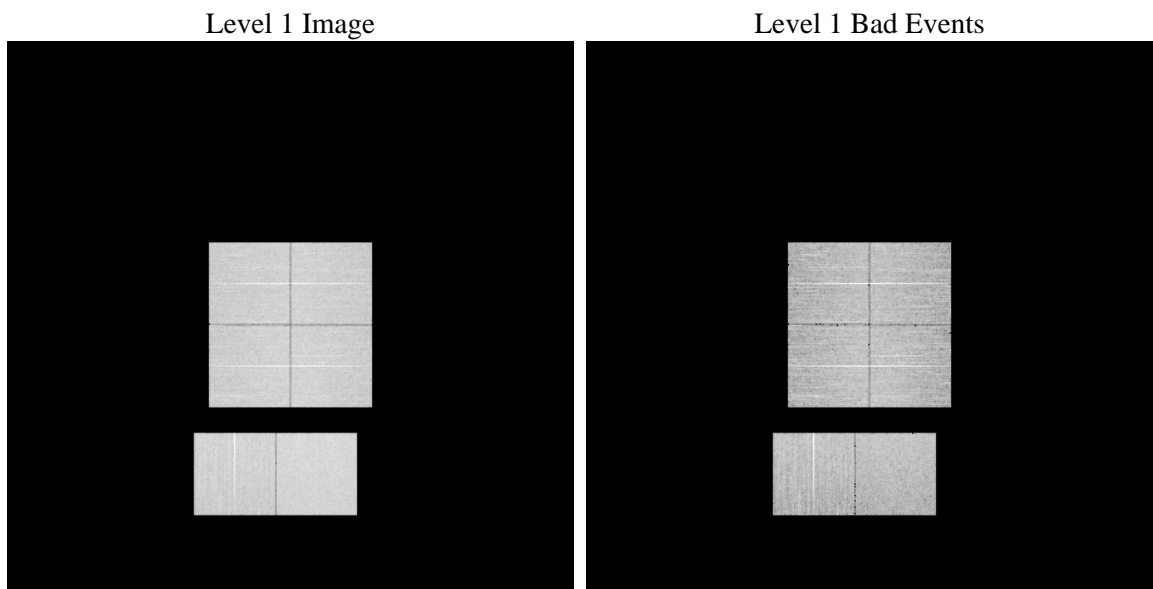
1 Front

seq_num	 	Sequence number
obs_id	57536	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	173.64615076481	Nominal RA [deg]
dec_nom	-58.689827735152	Nominal Dec [deg]
roll_nom	130.31896653264	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8200.2093179226	Sum of GTIs [s]
livetime	8096.3733299658	Livetime [s]
ontime0	8196.927437067	Sum of GTIs [s]
ontime1	8193.6453869939	Sum of GTIs [s]
ontime2	8196.8453372121	Sum of GTIs [s]
ontime3	8193.7685070038	Sum of GTIs [s]
ontime6	8200.0451579094	Sum of GTIs [s]
ontime7	8200.2093179226	Sum of GTIs [s]
l2events	538593	Number of level 2 events

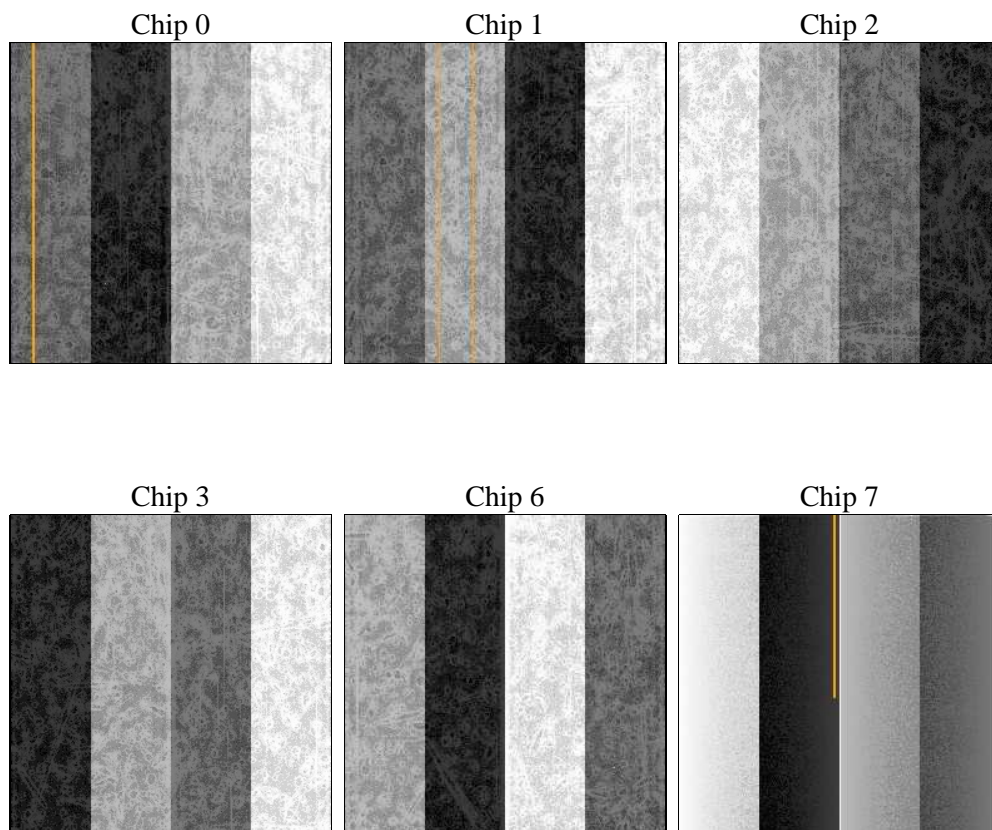
2 OBI

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	8.4.4	Processing system revision	ontime	8200.2093179226	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8196.927437067	Sum of GTIs [s]
date	2012-05-25T07:11:47	Date and time of file creation	ontime1	8193.6453869939	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8196.8453372121	Sum of GTIs [s]
			ontime3	8193.7685070038	Sum of GTIs [s]
			ontime6	8200.0451579094	Sum of GTIs [s]
			ontime7	8200.2093179226	Sum of GTIs [s]
			l1events	1000227	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	156530	156418	162988	162755	168009	193527	grade 0 events	47392	47150	49211	48498	49025	24025
rejected events	68740	68429	74454	74399	76274	69326		30%	30%	30%	29%	29%	12%
rejected %	43%	43%	45%	45%	45%	35%	grade 1 events	381	271	425	366	335	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	15901	16412	15179	15548	16289	27193
								10%	10%	9%	9%	9%	14%
							grade 3 events	5970	5877	5931	6164	5948	11684
								3%	3%	3%	3%	3%	6%
							grade 4 events	5863	5984	5928	6127	5977	11818
								3%	3%	3%	3%	3%	6%
							grade 5 events	3806	4111	3819	4422	4500	11009
								2%	2%	2%	2%	2%	5%
							grade 6 events	13527	13448	13225	12863	15391	50675
								8%	8%	8%	7%	9%	26%
							grade 7 events	63690	63165	69270	68767	70544	56956
								40%	40%	42%	42%	41%	29%

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	173.6461507648146	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-58.6898277351516	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	130.3189665326371	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	341583360.147499	341583359.1225			
Observation start date	2008-10-28T12:16:00	2008-10-28T12:15:59			
[s] Observation end time (MET)	341605764.598605	341605763.57361			
Observation end date	2008-10-28T18:29:25	2008-10-28T18:29:23			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2002093179226

A.2 Comments