

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57924 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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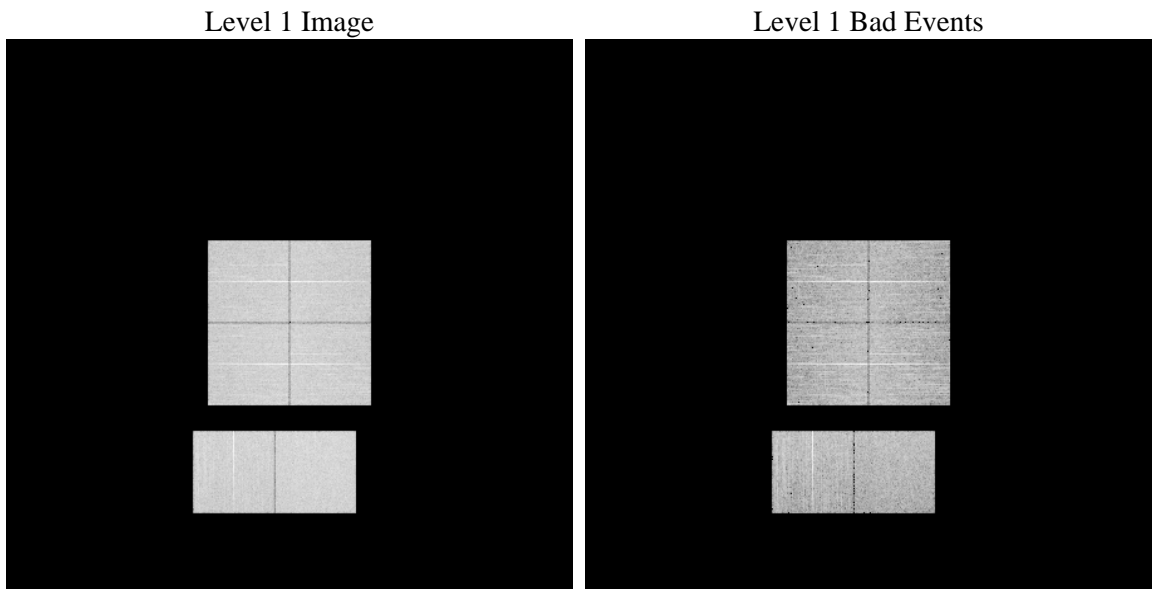
1 Front

seq_num	 	Sequence number
obs_id	57924	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	199.98416202168	Nominal RA [deg]
dec_nom	4.0232330477724	Nominal Dec [deg]
roll_nom	88.698916621834	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6246.39997679	Sum of GTIs [s]
livetime	6167.3042991533	Livetime [s]
ontime0	6246.39997679	Sum of GTIs [s]
ontime1	6246.39997679	Sum of GTIs [s]
ontime2	6246.39997679	Sum of GTIs [s]
ontime3	6246.39997679	Sum of GTIs [s]
ontime6	6246.39997679	Sum of GTIs [s]
ontime7	6246.39997679	Sum of GTIs [s]
l2events	465659	Number of level 2 events

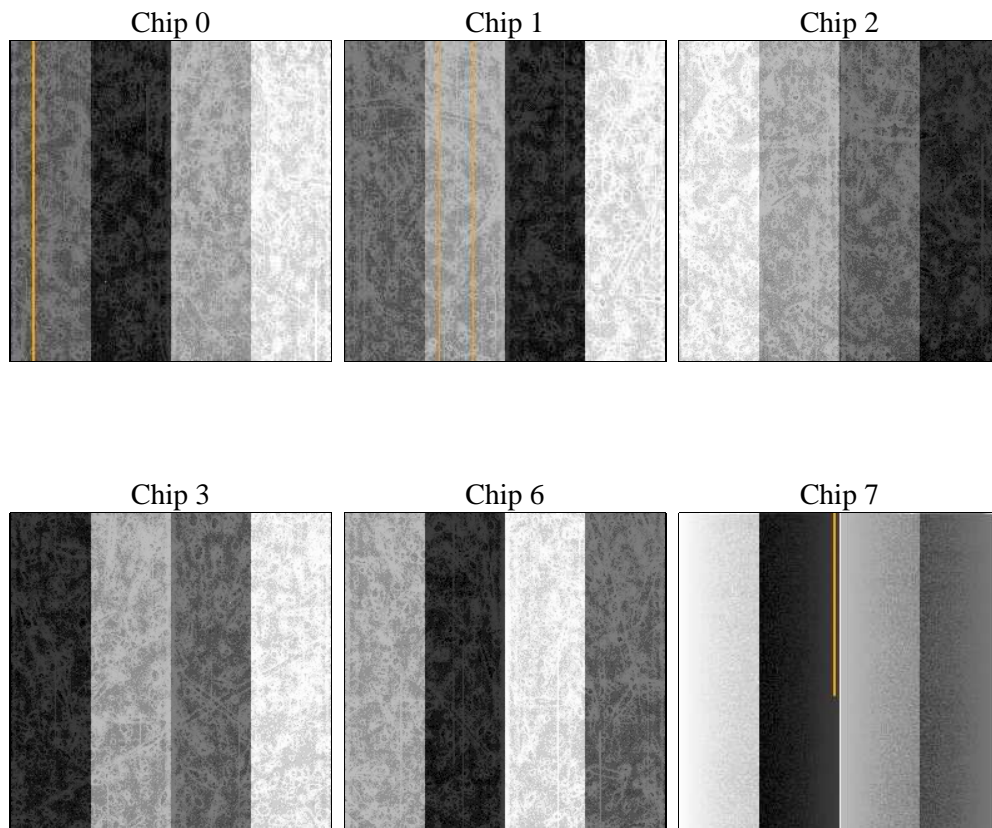
2 OBI

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	6246.39997679	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6246.39997679	Sum of GTIs [s]
date	2012-05-11T04:24:27	Date and time of file creation	ontime1	6246.39997679	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6246.39997679	Sum of GTIs [s]
			ontime3	6246.39997679	Sum of GTIs [s]
			ontime6	6246.39997679	Sum of GTIs [s]
			ontime7	6246.39997679	Sum of GTIs [s]
			l1events	807620	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	126085	126824	131847	133527	137272	152065	grade 0 events	41839	41542	42650	42987	42808	20689
rejected events	49240	49293	54797	56037	57158	49524		33%	32%	32%	32%	31%	13%
rejected %	39%	38%	41%	41%	41%	32%	grade 1 events	295	263	288	318	248	109
								0%	0%	0%	0%	0%	0%
							grade 2 events	13601	14466	13168	13368	14036	22544
								10%	11%	9%	10%	10%	14%
							grade 3 events	5149	5091	5148	5211	5293	9779
								4%	4%	3%	3%	3%	6%
							grade 4 events	4979	5025	5339	5313	5229	9716
								3%	3%	4%	3%	3%	6%
							grade 5 events	2889	2891	2810	3171	3169	7928
								2%	2%	2%	2%	2%	5%
							grade 6 events	11744	11887	11233	11090	13247	40442
								9%	9%	8%	8%	9%	26%
							grade 7 events	45589	45659	51211	52069	53242	40858
								36%	36%	38%	38%	38%	26%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	199.9841620216831	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.023233047772431	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	88.69891662183397			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	321476816.403761	321476815.37874			
Observation start date	2008-03-09T19:06:56	2008-03-09T19:06:55			
[s] Observation end time (MET)	321497322.554759	321497321.52974			
Observation end date	2008-03-10T00:48:43	2008-03-10T00:48:41			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.24639997679

A.2 Comments