

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58174 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 2 2012

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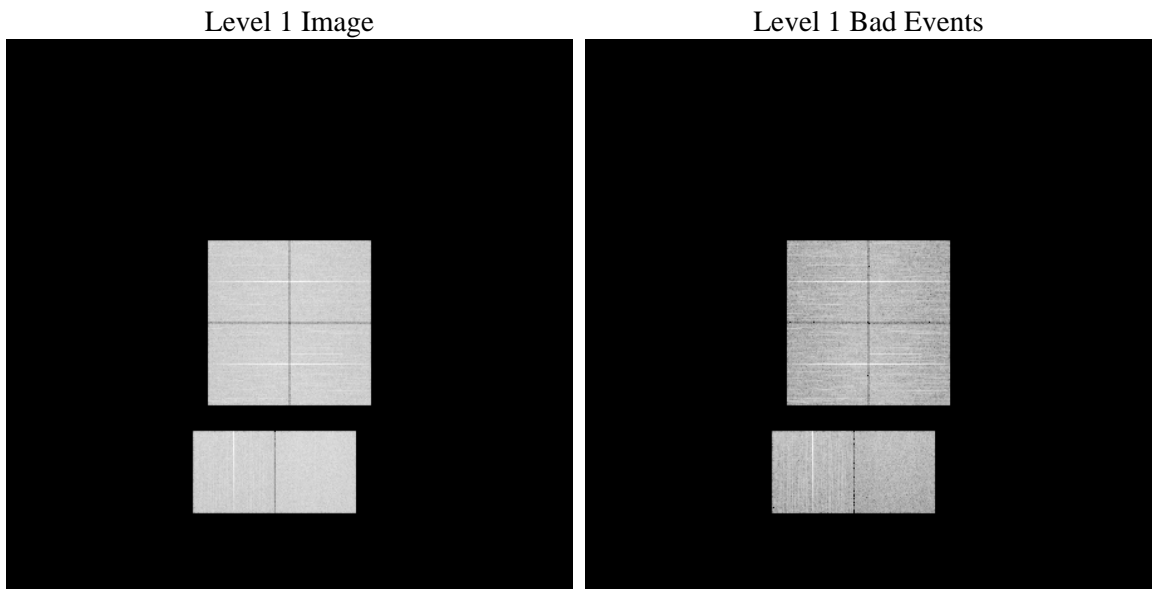
1 Front

seq_num	 	Sequence number
obs_id	58174	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	37.972207203986	Nominal RA [deg]
dec_nom	22.012691703802	Nominal Dec [deg]
roll_nom	120.89261654311	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8230.399969399	Sum of GTIs [s]
livetime	8126.1816892346	Livetime [s]
ontime0	8230.399969399	Sum of GTIs [s]
ontime1	8230.399969399	Sum of GTIs [s]
ontime2	8230.399969399	Sum of GTIs [s]
ontime3	8230.399969399	Sum of GTIs [s]
ontime6	8230.399969399	Sum of GTIs [s]
ontime7	8230.399969399	Sum of GTIs [s]
l2events	670844	Number of level 2 events

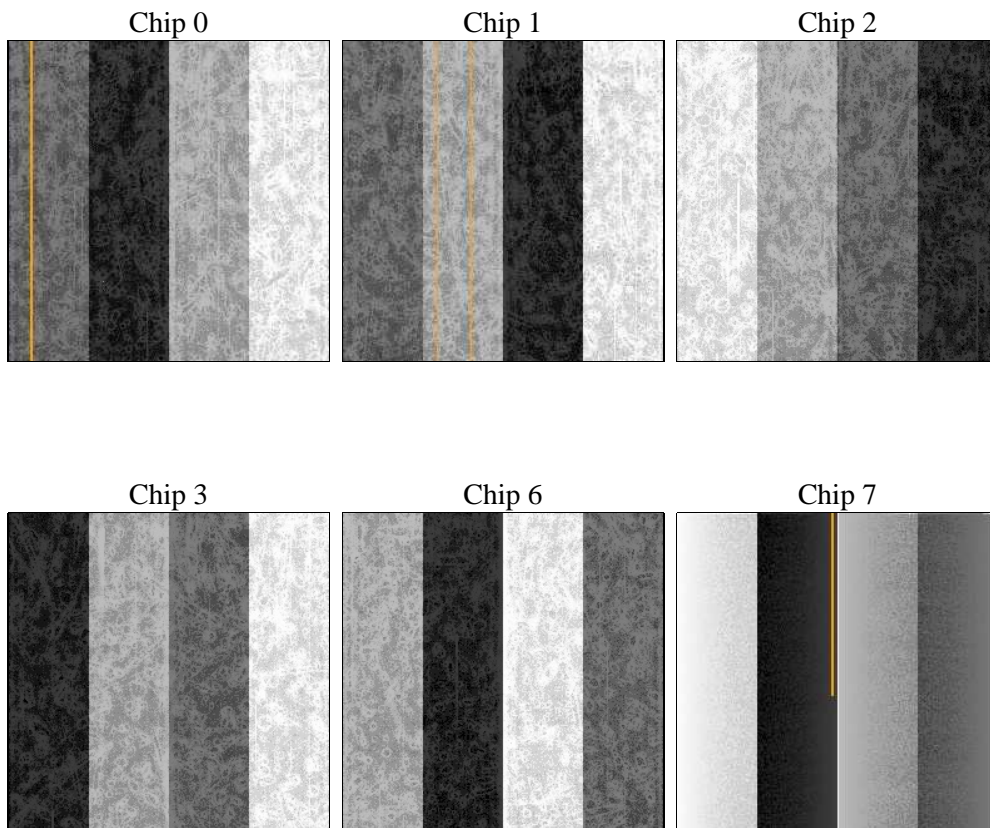
2 OBI

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	8230.399969399	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8230.399969399	Sum of GTIs [s]
date	2012-05-02T11:24:49	Date and time of file creation	ontime1	8230.399969399	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8230.399969399	Sum of GTIs [s]
			ontime3	8230.399969399	Sum of GTIs [s]
			ontime6	8230.399969399	Sum of GTIs [s]
			ontime7	8230.399969399	Sum of GTIs [s]
			l1events	1164182	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	186135	185436	189152	194081	195424	213954	grade 0 events	60447	59178	62088	62504	61260	29833
rejected events	74848	73837	78106	82024	80122	67600		32%	31%	32%	32%	31%	13%
rejected %	40%	39%	41%	42%	40%	31%	grade 1 events	425	350	483	478	351	152
								0%	0%	0%	0%	0%	0%
							grade 2 events	19824	21101	18508	18931	20815	32195
								10%	11%	9%	9%	10%	15%
							grade 3 events	7357	7245	7453	7546	7232	13655
								3%	3%	3%	3%	3%	6%
							grade 4 events	7470	7387	7402	7443	7228	13356
								4%	3%	3%	3%	3%	6%
							grade 5 events	3832	4126	3688	4272	4174	10655
								2%	2%	1%	2%	2%	4%
							grade 6 events	16779	17255	16168	16214	19358	58074
								9%	9%	8%	8%	9%	27%
							grade 7 events	70001	68794	73362	76693	75006	56034
								37%	37%	38%	39%	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	37.97220720398622	Alternating exposures requested	N	N
[deg] Pointing Dec	0	22.01269170380205	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	120.8926165431078			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	308228016.312599	308228015.28758			
Observation start date	2007-10-08T10:53:36	2007-10-08T10:53:35			
[s] Observation end time (MET)	308249326.063626	308249325.03861			
Observation end date	2007-10-08T16:48:46	2007-10-08T16:48:45			
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)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.230399969399

A.2 Comments