

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61452 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 25 2012

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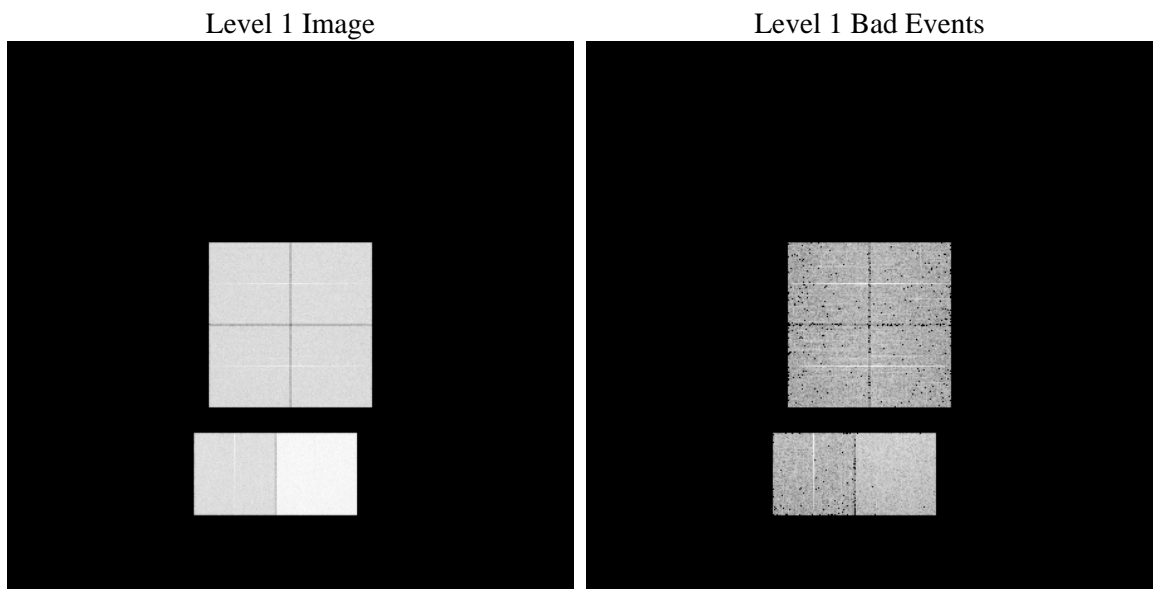
1 Front

seq_num	 	Sequence number
obs_id	61452	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	136.99815973915	Nominal RA [deg]
dec_nom	40.028614454974	Nominal Dec [deg]
roll_nom	60.043408045094	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7500.6122638881	Sum of GTIs [s]
livetime	7405.6349950763	Livetime [s]
ontime0	2883.8362574279	Sum of GTIs [s]
ontime1	2987.5903378874	Sum of GTIs [s]
ontime2	2773.7233864218	Sum of GTIs [s]
ontime3	2841.6209167689	Sum of GTIs [s]
ontime6	3047.5106012523	Sum of GTIs [s]
ontime7	7500.6122638881	Sum of GTIs [s]
l2events	1321029	Number of level 2 events

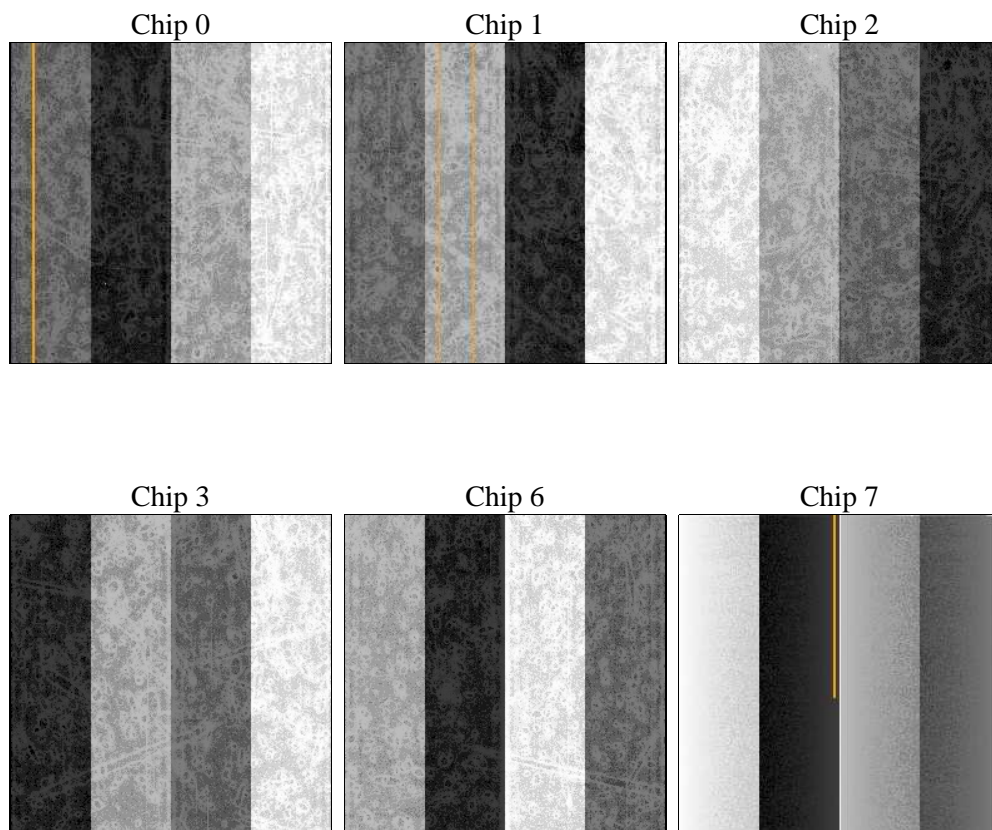
2 OBI

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	8.4.5	Processing system revision	ontime	7500.6122638881	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2883.8362574279	Sum of GTIs [s]
date	2012-09-25T03:41:00	Date and time of file creation	ontime1	2987.5903378874	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2773.7233864218	Sum of GTIs [s]
			ontime3	2841.6209167689	Sum of GTIs [s]
			ontime6	3047.5106012523	Sum of GTIs [s]
			ontime7	7500.6122638881	Sum of GTIs [s]
			l1events	1545413	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	199195	207623	195366	200160	220987	522082	grade 0 events	96231	100431	94416	97490	105622	120284
rejected events	23807	24299	24851	25091	26335	44862		48%	48%	48%	48%	47%	23%
rejected %	11%	11%	12%	12%	11%	8%	grade 1 events	586	598	510	624	601	321
								0%	0%	0%	0%	0%	0%
							grade 2 events	30992	32422	30214	30713	33929	104597
								15%	15%	15%	15%	15%	20%
							grade 3 events	11230	11606	10586	10911	11822	47830
								5%	5%	5%	5%	5%	9%
							grade 4 events	10907	11644	10542	11087	11811	47781
								5%	5%	5%	5%	5%	9%
							grade 5 events	1706	1773	1682	1739	2009	9162
								0%	0%	0%	0%	0%	1%
							grade 6 events	26028	27221	24757	24868	31670	156728
								13%	13%	12%	12%	14%	30%
							grade 7 events	21515	21928	22659	22728	23523	35379
								10%	10%	11%	11%	10%	6%

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	136.9981597391505	Alternating exposures requested	N	N
[deg] Pointing Dec	0	40.02861445497351	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	60.04340804509447			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	118370781.579212	118370780.81075			
Observation start date	2001-10-02T00:46:22	2001-10-02T00:46:20			
[s] Observation end time (MET)	118392091.330063	118392090.56159			
Observation end date	2001-10-02T06:41:31	2001-10-02T06:41:30			
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)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5006122638881

A.2 Comments