

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57233 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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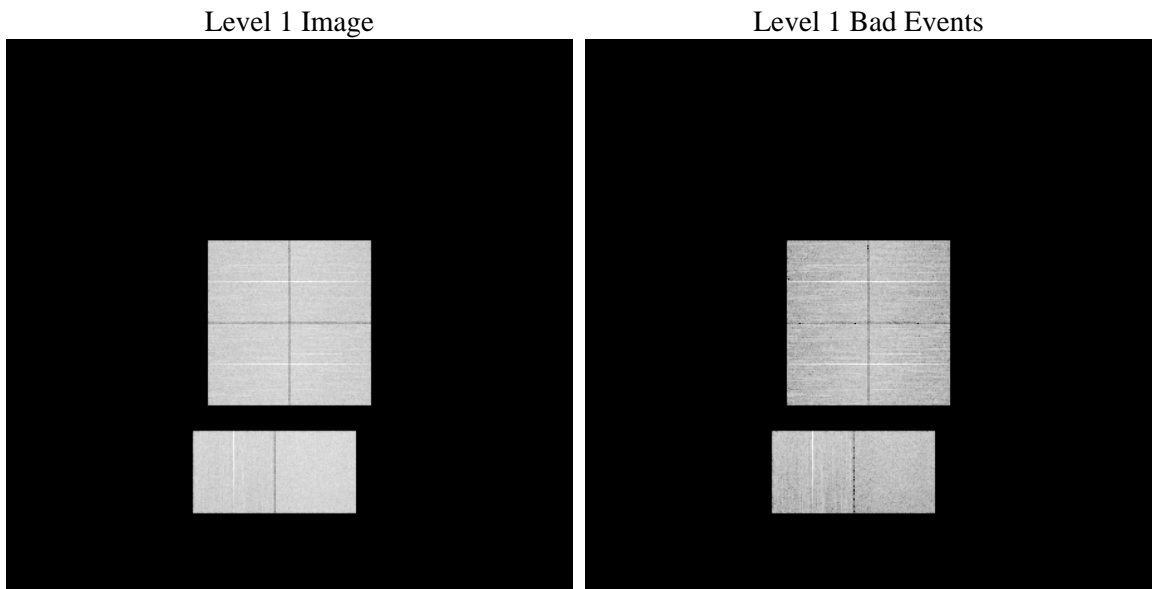
1 Front

seq_num	 	Sequence number
obs_id	57233	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	154.9995262326	Nominal RA [deg]
dec_nom	16.471317016387	Nominal Dec [deg]
roll_nom	236.05532720627	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8323.1999690533	Sum of GTIs [s]
livetime	8217.8065994158	Livetime [s]
ontime0	8323.1999690533	Sum of GTIs [s]
ontime1	8323.1999690533	Sum of GTIs [s]
ontime2	8323.1999690533	Sum of GTIs [s]
ontime3	8323.1999690533	Sum of GTIs [s]
ontime6	8323.1999690533	Sum of GTIs [s]
ontime7	8323.1999690533	Sum of GTIs [s]
l2events	507543	Number of level 2 events

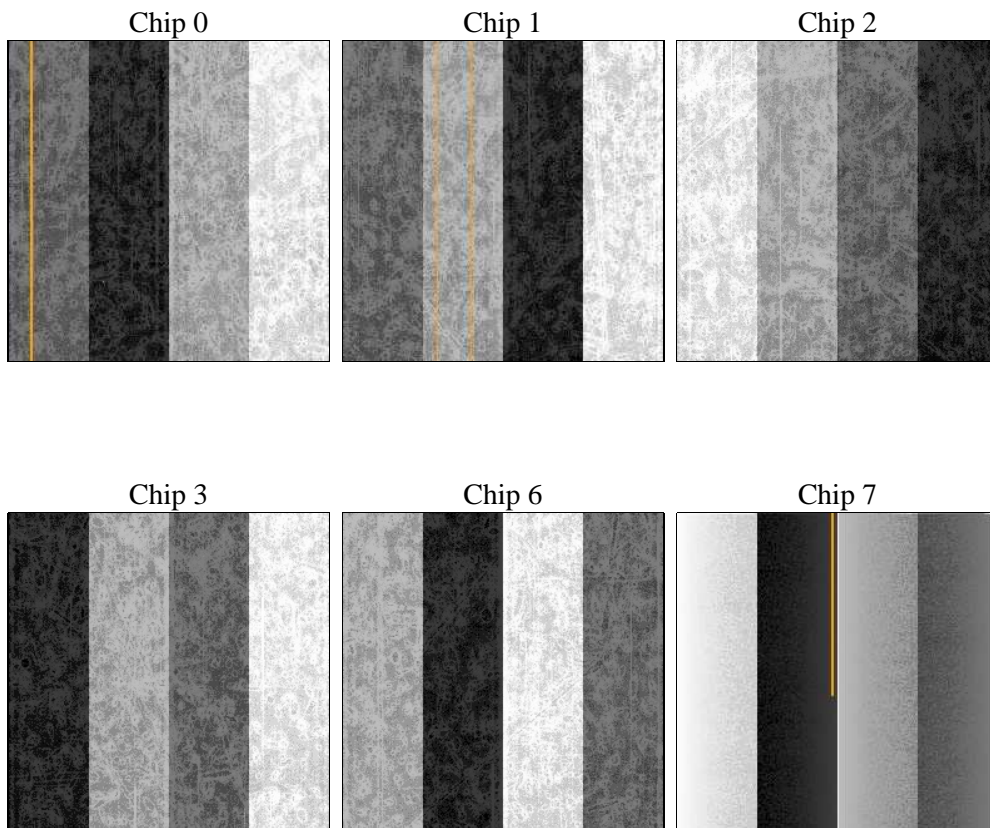
2 OBI

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	8323.1999690533	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8323.1999690533	Sum of GTIs [s]
date	2012-06-02T17:23:49	Date and time of file creation	ontime1	8323.1999690533	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8323.1999690533	Sum of GTIs [s]
			ontime3	8323.1999690533	Sum of GTIs [s]
			ontime6	8323.1999690533	Sum of GTIs [s]
			ontime7	8323.1999690533	Sum of GTIs [s]
			l1events	996262	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	154288	155409	161999	165815	165180	193571	grade 0 events	44123	43888	45151	45913	45342	23270
rejected events	72419	72908	79747	82923	79644	72161		28%	28%	27%	27%	27%	12%
rejected %	46%	46%	49%	50%	48%	37%	grade 1 events	353	300	392	376	307	162
								0%	0%	0%	0%	0%	0%
							grade 2 events	14972	15468	14454	14578	15371	26870
								9%	9%	8%	8%	9%	13%
							grade 3 events	5670	5524	5668	5576	5605	11379
								3%	3%	3%	3%	3%	5%
							grade 4 events	5560	5571	5588	5628	5607	11210
								3%	3%	3%	3%	3%	5%
							grade 5 events	4172	4210	4146	4609	4526	11542
								2%	2%	2%	2%	2%	5%
							grade 6 events	12505	13042	12354	12154	14608	50036
								8%	8%	7%	7%	8%	25%
							grade 7 events	66933	67406	74246	76981	73814	59102
								43%	43%	45%	46%	44%	30%

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	154.999526232598	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	16.47131701638667	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	236.0553272062704	[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)	353471763.78575	353471762.76075			
Observation start date	2009-03-15T02:36:04	2009-03-15T02:36:02			
[s] Observation end time (MET)	353483680.436342	353483679.41134			
Observation end date	2009-03-15T05:54:40	2009-03-15T05:54:39			
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3231999690533

A.2 Comments