

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 62817 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 15 2012

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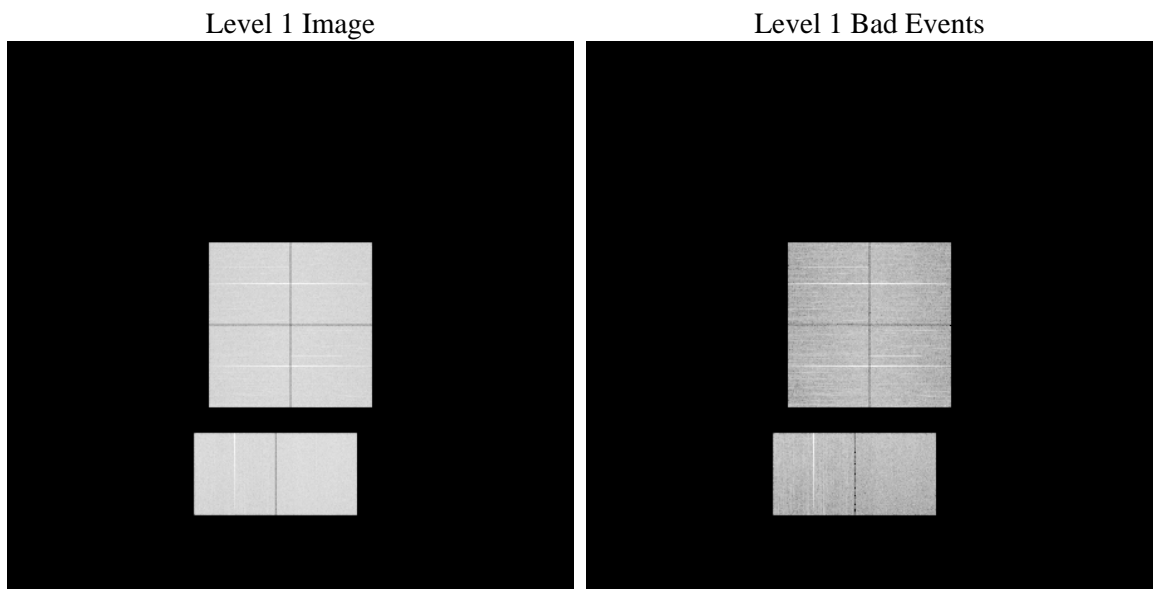
1 Front

seq_num	 	Sequence number
obs_id	62817	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	54.990401292941	Nominal RA [deg]
dec_nom	47.97198201948	Nominal Dec [deg]
roll_nom	224.26880311722	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16108.758959711	Sum of GTIs [s]
livetime	15904.780154233	Livetime [s]
ontime0	16111.999940038	Sum of GTIs [s]
ontime1	16108.758959711	Sum of GTIs [s]
ontime2	16111.999940038	Sum of GTIs [s]
ontime3	16108.75895977	Sum of GTIs [s]
ontime6	16108.758949697	Sum of GTIs [s]
ontime7	16108.758959711	Sum of GTIs [s]
l2events	1580328	Number of level 2 events

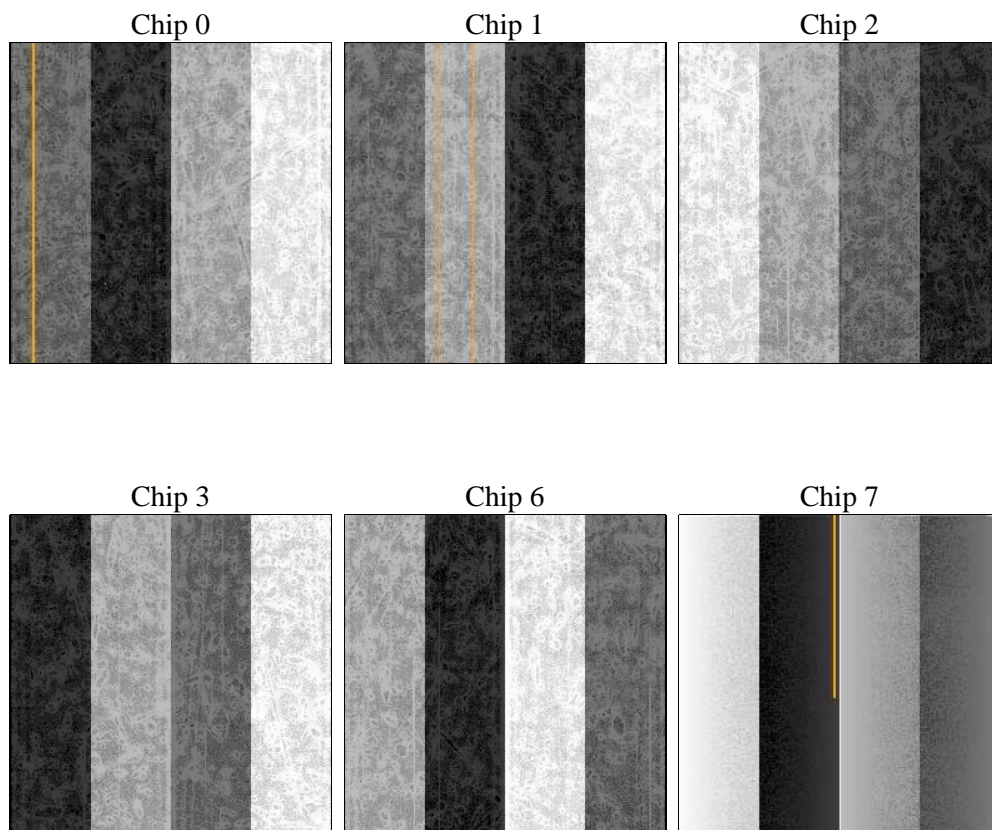
2 OBI

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	8.4.3.1	Processing system revision	ontime	16108.758959711	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	16111.999940038	Sum of GTIs [s]
date	2012-04-15T14:55:04	Date and time of file creation	ontime1	16108.758959711	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	16111.999940038	Sum of GTIs [s]
			ontime3	16108.75895977	Sum of GTIs [s]
			ontime6	16108.758949697	Sum of GTIs [s]
			ontime7	16108.758959711	Sum of GTIs [s]
			l1events	2356874	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	375618	377726	388992	389323	398406	426809	grade 0 events	144675	143929	148430	148851	148628	70944
rejected events	110705	111213	121829	120987	120521	106831		38%	38%	38%	38%	37%	16%
rejected %	29%	29%	31%	31%	30%	25%	grade 1 events	862	764	1036	997	799	322
								0%	0%	0%	0%	0%	0%
							grade 2 events	46596	47873	45255	46070	49161	69720
								12%	12%	11%	11%	12%	16%
							grade 3 events	17329	17431	17656	17960	17595	31189
								4%	4%	4%	4%	4%	7%
							grade 4 events	17152	17051	17938	17897	17474	30918
								4%	4%	4%	4%	4%	7%
							grade 5 events	6756	7075	6511	7439	7381	17965
								1%	1%	1%	1%	1%	4%
							grade 6 events	39211	40287	37934	37603	45083	117283
								10%	10%	9%	9%	11%	27%
							grade 7 events	103037	103316	114232	112506	112285	88468
								27%	27%	29%	28%	28%	20%

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	54.9904012929406	Alternating exposures requested	N	N
[deg] Pointing Dec	0	47.97198201948025	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	224.2688031172156			
[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)	282260339.122894	282260338.09788			
Observation start date	2006-12-11T21:38:59	2006-12-11T21:38:58			
[s] Observation end time (MET)	282278772.723766	282278771.69876			
Observation end date	2006-12-12T02:46:13	2006-12-12T02:46:11			
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)	2012.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.108758959711

A.2 Comments