

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60917 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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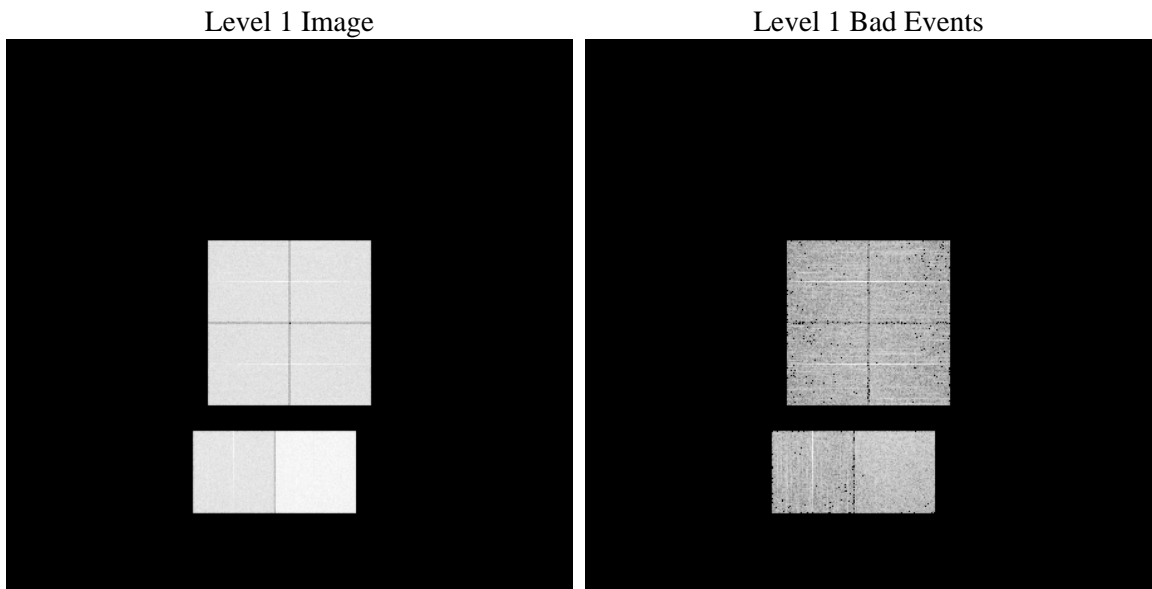
1 Front

seq_num	 	Sequence number
obs_id	60917	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	68.978589597204	Nominal RA [deg]
dec_nom	2.2588492084098	Nominal Dec [deg]
roll_nom	324.83199845589	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.9297212958	Sum of GTIs [s]
livetime	8356.7543467982	Livetime [s]
ontime0	4409.4260540903	Sum of GTIs [s]
ontime1	4485.5825263858	Sum of GTIs [s]
ontime2	4219.8217482567	Sum of GTIs [s]
ontime3	4287.8817949891	Sum of GTIs [s]
ontime6	4613.4850865602	Sum of GTIs [s]
ontime7	8463.9297212958	Sum of GTIs [s]
l2events	1298359	Number of level 2 events

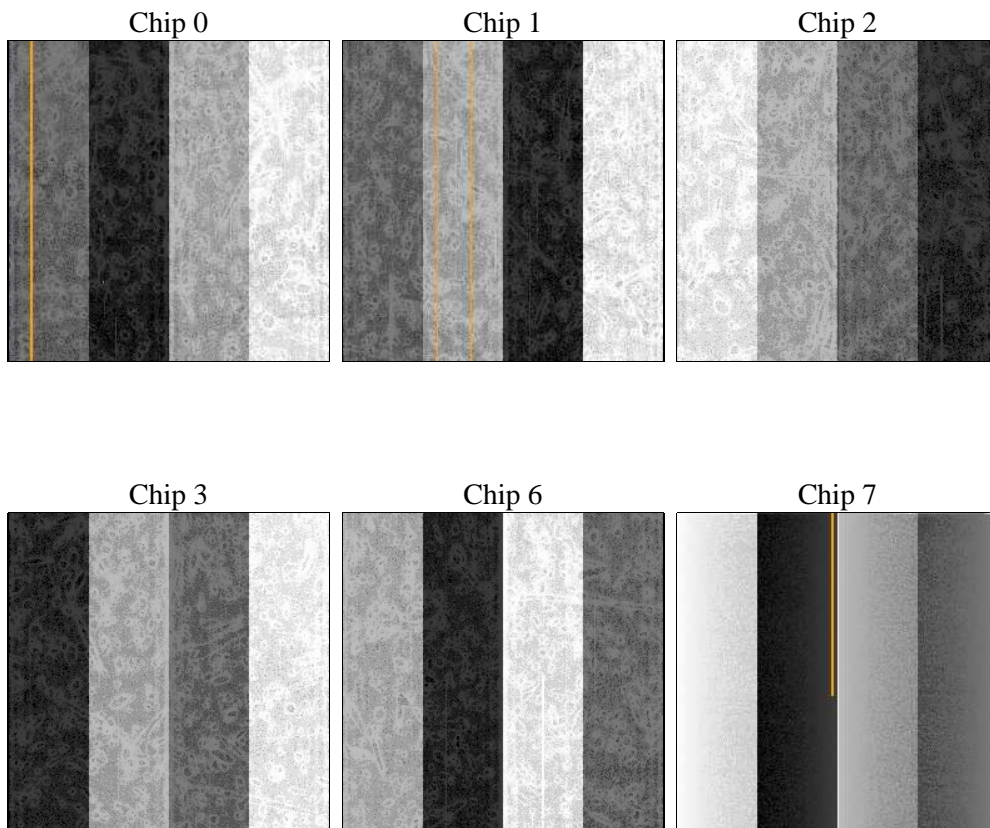
2 OBI

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	8463.9297212958	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4409.4260540903	Sum of GTIs [s]
date	2012-10-19T11:56:46	Date and time of file creation	ontime1	4485.5825263858	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4219.8217482567	Sum of GTIs [s]
			ontime3	4287.8817949891	Sum of GTIs [s]
			ontime6	4613.4850865602	Sum of GTIs [s]
			ontime7	8463.9297212958	Sum of GTIs [s]
			l1events	1549290	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	220129	224432	213964	218297	242237	430231	grade 0 events	105721	107696	103883	105918	114771	96837
rejected events	28783	28835	28413	30201	32084	43636		48%	47%	48%	48%	47%	22%
rejected %	13%	12%	13%	13%	13%	10%	grade 1 events	618	530	572	609	528	248
								0%	0%	0%	0%	0%	0%
							grade 2 events	33392	34770	31632	32111	35947	85008
								15%	15%	14%	14%	14%	19%
							grade 3 events	12284	12113	12008	12083	13049	39700
								5%	5%	5%	5%	5%	9%
							grade 4 events	12339	12385	11974	12232	13194	38669
								5%	5%	5%	5%	5%	8%
							grade 5 events	1949	2051	1913	2044	2373	8486
								0%	0%	0%	0%	0%	1%
							grade 6 events	27610	28633	26054	25752	33344	126381
								12%	12%	12%	11%	13%	29%
							grade 7 events	26216	26254	25928	27548	29031	34902
								11%	11%	12%	12%	11%	8%

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	68.97858959720388	Alternating exposures requested	N	N
[deg] Pointing Dec	0	2.258849208409825	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	324.8319984558864			
[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)	156523526.090102	156523525.06537			
Observation start date	2002-12-17T14:45:26	2002-12-17T14:45:25			
[s] Observation end time (MET)	156547597.191081	156547596.16637			
Observation end date	2002-12-17T21:26:37	2002-12-17T21:26:36			
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)	2012.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4639297212958

A.2 Comments