

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60539 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 4 2012

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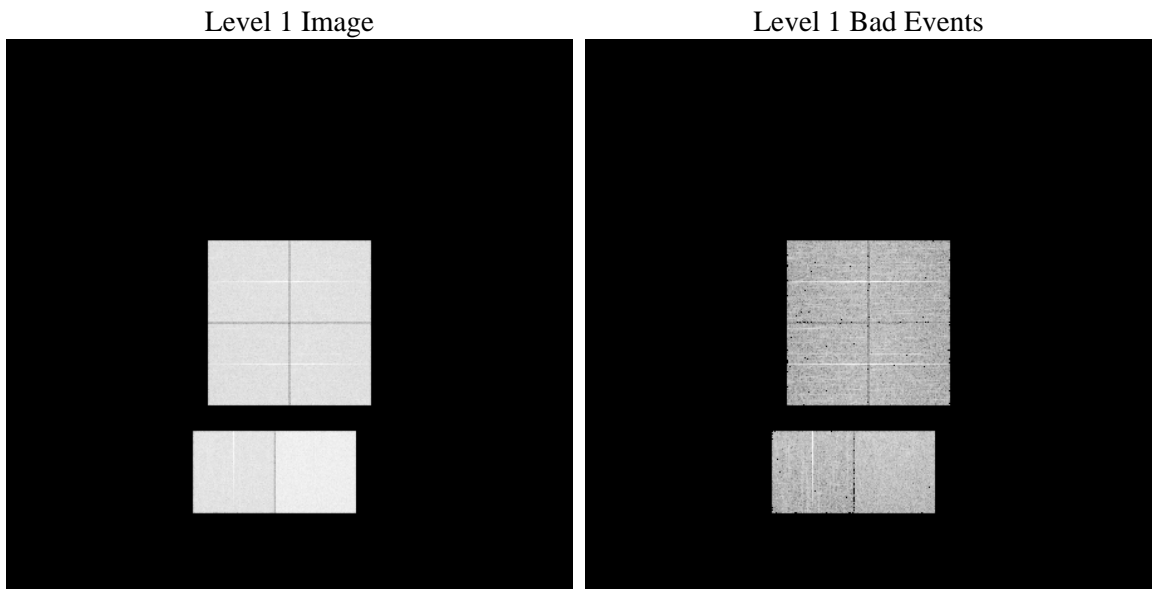
1 Front

seq_num	 	Sequence number
obs_id	60539	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	328.05036509458	Nominal RA [deg]
dec_nom	-55.804287862995	Nominal Dec [deg]
roll_nom	318.51452513135	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8364.2388796508	Sum of GTIs [s]
livetime	8258.3258506167	Livetime [s]
ontime0	5340.3712719381	Sum of GTIs [s]
ontime1	5367.1306030452	Sum of GTIs [s]
ontime2	5017.1036514044	Sum of GTIs [s]
ontime3	5233.5016130209	Sum of GTIs [s]
ontime6	5691.2278378606	Sum of GTIs [s]
ontime7	8364.2388796508	Sum of GTIs [s]
l2events	1234943	Number of level 2 events

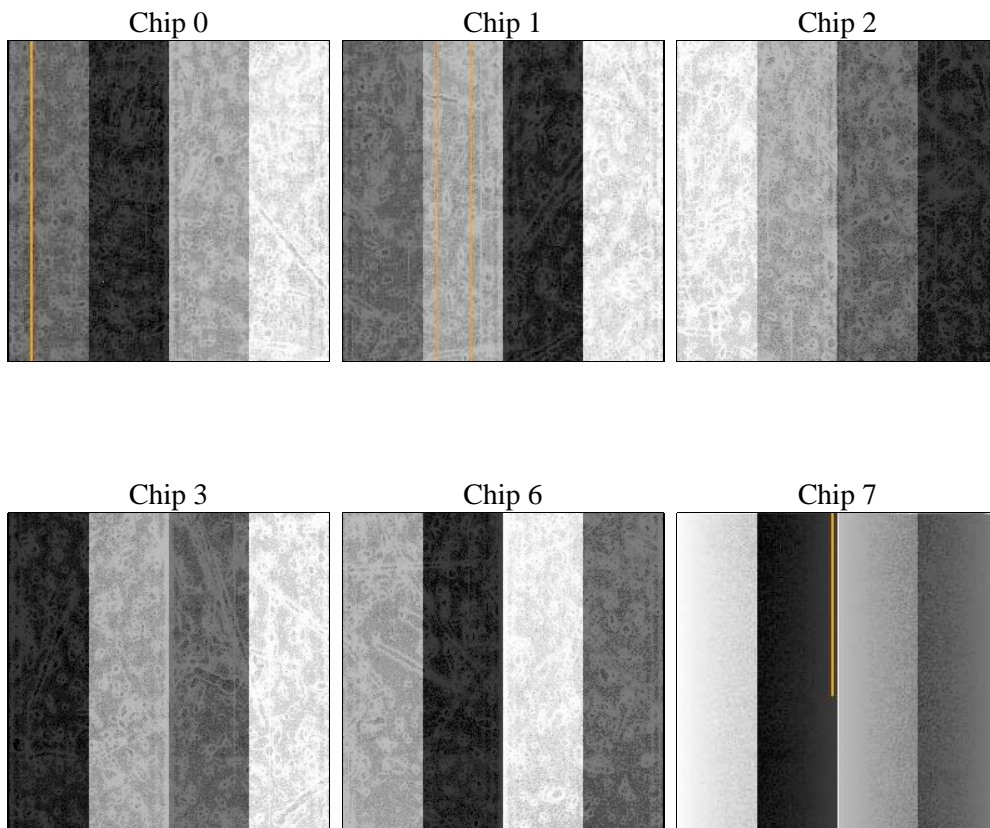
2 OBI

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	8364.2388796508	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5340.3712719381	Sum of GTIs [s]
date	2012-11-04T18:46:57	Date and time of file creation	ontime1	5367.1306030452	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5017.1036514044	Sum of GTIs [s]
			ontime3	5233.5016130209	Sum of GTIs [s]
			ontime6	5691.2278378606	Sum of GTIs [s]
			ontime7	8364.2388796508	Sum of GTIs [s]
			l1events	1538311	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	228533	231728	221311	230141	255769	370829	grade 0 events	106911	107344	103829	108486	117593	79711
rejected events	37551	38167	38400	39069	41916	50227		46%	46%	46%	47%	45%	21%
rejected %	16%	16%	17%	16%	16%	13%	grade 1 events	604	552	661	652	621	242
								0%	0%	0%	0%	0%	0%
							grade 2 events	33524	34750	30925	32964	37226	71644
								14%	14%	13%	14%	14%	19%
							grade 3 events	12196	12526	12157	12490	13412	32525
								5%	5%	5%	5%	5%	8%
							grade 4 events	12497	12440	12169	12594	13328	32384
								5%	5%	5%	5%	5%	8%
							grade 5 events	2302	2362	2224	2536	2829	8823
								1%	1%	1%	1%	1%	2%
							grade 6 events	28055	28802	26102	26872	34731	108071
								12%	12%	11%	11%	13%	29%
							grade 7 events	32444	32952	33244	33547	36029	37429
								14%	14%	15%	14%	14%	10%

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	328.0503650945806	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-55.80428786299473	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	318.5145251313533			
[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)	181198290.634672	181198289.60996			
Observation start date	2003-09-29T04:51:31	2003-09-29T04:51:29			
[s] Observation end time (MET)	181222484.73571	181222483.711			
Observation end date	2003-09-29T11:34:45	2003-09-29T11:34:43			
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3642388796508

A.2 Comments