

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61260 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 4 2012

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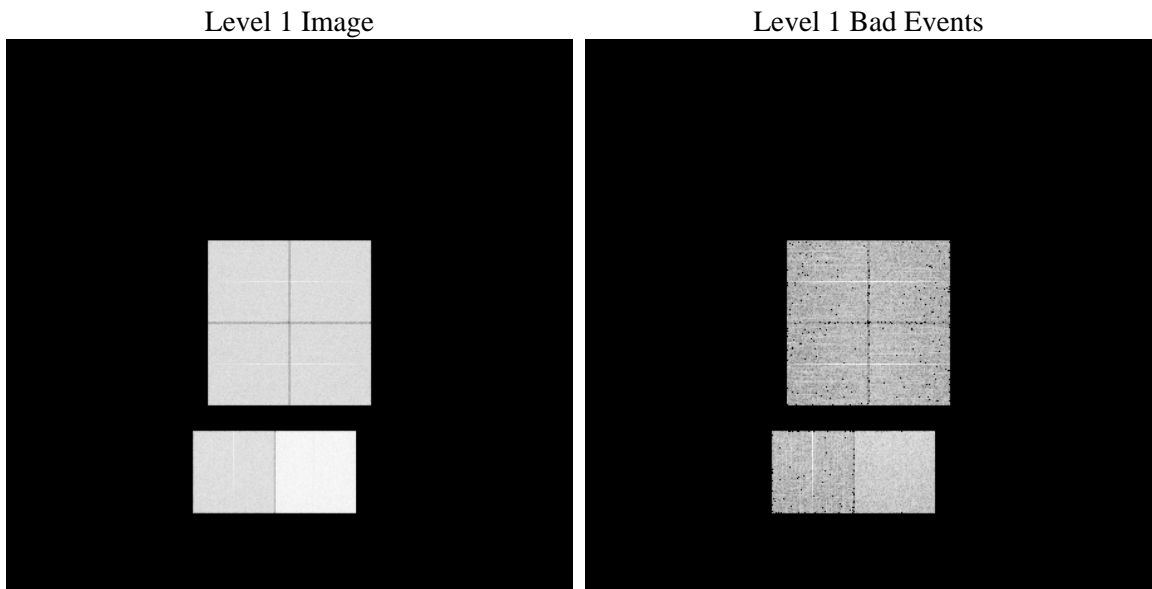
1 Front

seq_num	 	Sequence number
obs_id	61260	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	235.5905858611	Nominal RA [deg]
dec_nom	-23.572688024052	Nominal Dec [deg]
roll_nom	74.775572698035	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8358.4000077695	Sum of GTIs [s]
livetime	8252.5609140468	Livetime [s]
ontime0	3453.3146260381	Sum of GTIs [s]
ontime1	3519.6266335994	Sum of GTIs [s]
ontime2	3343.2027713358	Sum of GTIs [s]
ontime3	3347.8528194875	Sum of GTIs [s]
ontime6	3641.4177266061	Sum of GTIs [s]
ontime7	8358.4000077695	Sum of GTIs [s]
l2events	1319422	Number of level 2 events

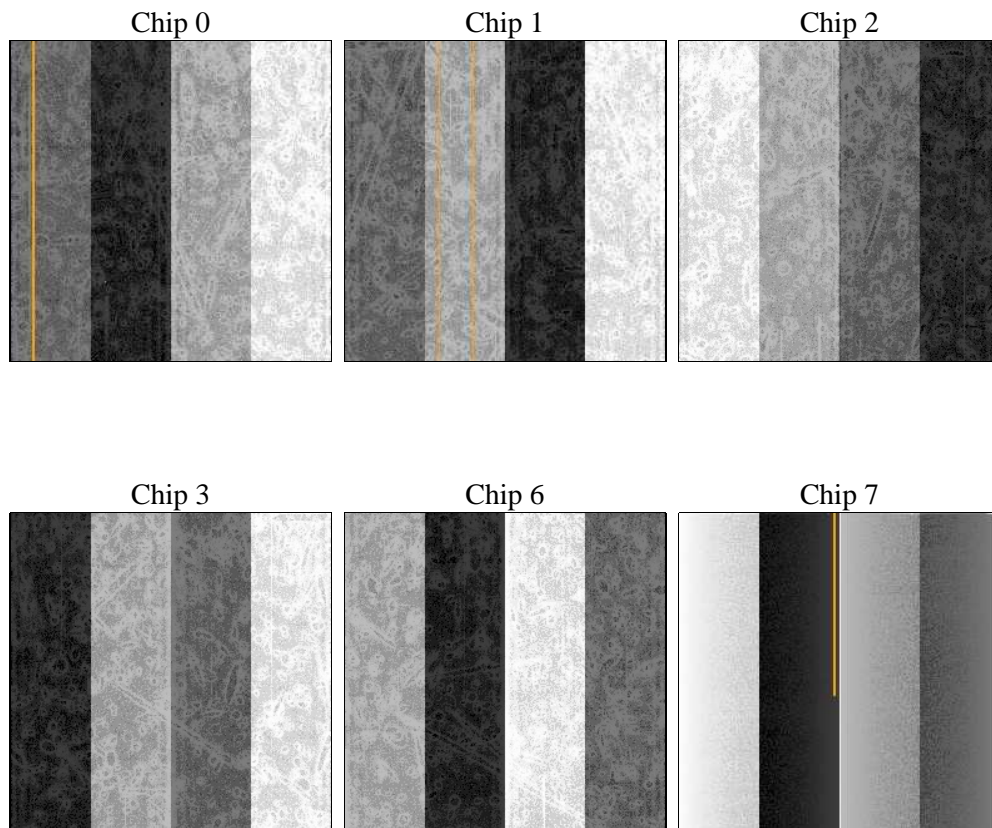
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8358.4000077695	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3453.3146260381	Sum of GTIs [s]
date	2012-10-04T11:46:00	Date and time of file creation	ontime1	3519.6266335994	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3343.2027713358	Sum of GTIs [s]
			ontime3	3347.8528194875	Sum of GTIs [s]
			ontime6	3641.4177266061	Sum of GTIs [s]
			ontime7	8358.4000077695	Sum of GTIs [s]
			l1events	1562258	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	207525	209945	202284	205211	230089	507204	grade 0 events	101100	102820	99180	100094	110533	116938
rejected events	26601	26054	25706	27868	28982	51070		48%	48%	49%	48%	48%	23%
rejected %	12%	12%	12%	13%	12%	10%	grade 1 events	523	508	497	519	513	312
								0%	0%	0%	0%	0%	0%
							grade 2 events	32512	32730	31256	31698	35431	102634
								15%	15%	15%	15%	15%	20%
							grade 3 events	11675	11851	11138	11593	12439	46696
								5%	5%	5%	5%	5%	9%
							grade 4 events	11646	11957	11145	11338	12429	46527
								5%	5%	5%	5%	5%	9%
							grade 5 events	1678	1760	1618	1796	1949	9096
								0%	0%	0%	0%	0%	1%
							grade 6 events	26562	26761	25594	24996	32353	149455
								12%	12%	12%	12%	14%	29%
							grade 7 events	21829	21558	21856	23177	24442	35546
								10%	10%	10%	11%	10%	7%

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	235.5905858610954	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.57268802405227	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	74.77557269803495			
[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)	132997107.815819	132997107.04734			
Observation start date	2002-03-20T07:38:28	2002-03-20T07:38:27			
[s] Observation end time (MET)	133011589.016406	133011588.24793			
Observation end date	2002-03-20T11:39:49	2002-03-20T11:39:48			
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)	2012.10.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3584000077695

A.2 Comments