

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60301 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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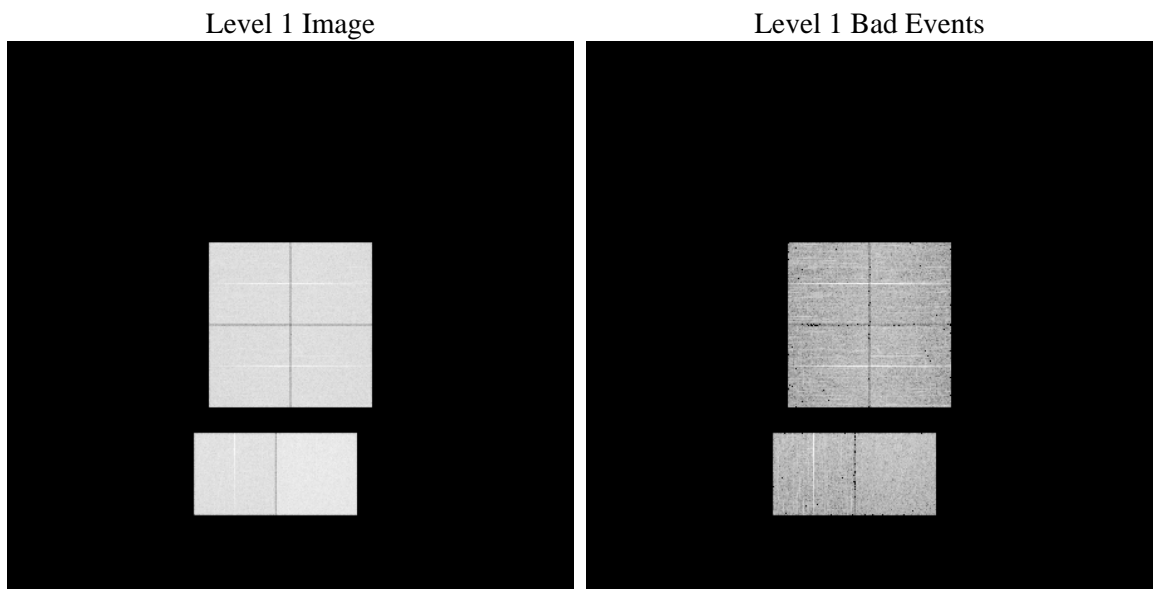
1 Front

seq_num	 	Sequence number
obs_id	60301	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	215.99575462546	Nominal RA [deg]
dec_nom	-17.971678476202	Nominal Dec [deg]
roll_nom	65.29461556414	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.7621643543	Sum of GTIs [s]
livetime	8356.5889115635	Livetime [s]
ontime0	6084.8451305032	Sum of GTIs [s]
ontime1	6255.1622427106	Sum of GTIs [s]
ontime2	5895.4140121937	Sum of GTIs [s]
ontime3	5982.9197712839	Sum of GTIs [s]
ontime6	6538.458856225	Sum of GTIs [s]
ontime7	8463.7621643543	Sum of GTIs [s]
l2events	1216471	Number of level 2 events

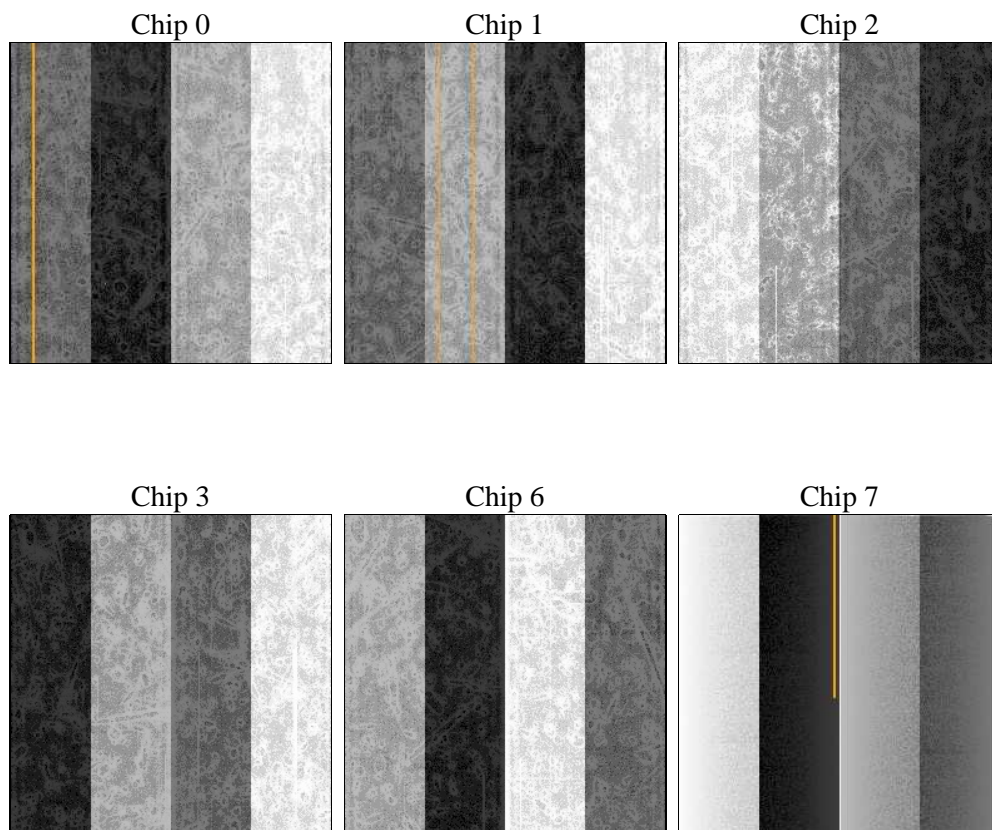
2 OBI

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	8463.7621643543	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6084.8451305032	Sum of GTIs [s]
date	2012-11-14T03:39:48	Date and time of file creation	ontime1	6255.1622427106	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5895.4140121937	Sum of GTIs [s]
			ontime3	5982.9197712839	Sum of GTIs [s]
			ontime6	6538.458856225	Sum of GTIs [s]
			ontime7	8463.7621643543	Sum of GTIs [s]
			l1events	1533793	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	232998	238916	227839	234322	261810	337908	grade 0 events	105107	108481	105076	107288	118086	70948
rejected events	41969	41128	39727	43050	44568	48115		45%	45%	46%	45%	45%	20%
rejected %	18%	17%	17%	18%	17%	14%	grade 1 events	596	579	670	595	591	213
								0%	0%	0%	0%	0%	0%
							grade 2 events	33471	35427	31879	32704	37496	63967
								14%	14%	13%	13%	14%	18%
							grade 3 events	12359	12517	12281	12326	13456	29067
								5%	5%	5%	5%	5%	8%
							grade 4 events	12492	12498	12360	12517	13500	29006
								5%	5%	5%	5%	5%	8%
							grade 5 events	2612	2812	2474	2805	3120	8948
								1%	1%	1%	1%	1%	2%
							grade 6 events	27694	28865	26516	26437	34822	96926
								11%	12%	11%	11%	13%	28%
							grade 7 events	38667	37737	36583	39650	40739	38833
								16%	15%	16%	16%	15%	11%

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	215.9957546254554	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-17.97167847620219	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	65.29461556414002			
[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)	196964521.520603	196964520.49558			
Observation start date	2004-03-29T16:22:02	2004-03-29T16:22:00			
[s] Observation end time (MET)	196987508.171614	196987507.14659			
Observation end date	2004-03-29T22:45:08	2004-03-29T22:45:07			
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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4637621643543

A.2 Comments