

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60349 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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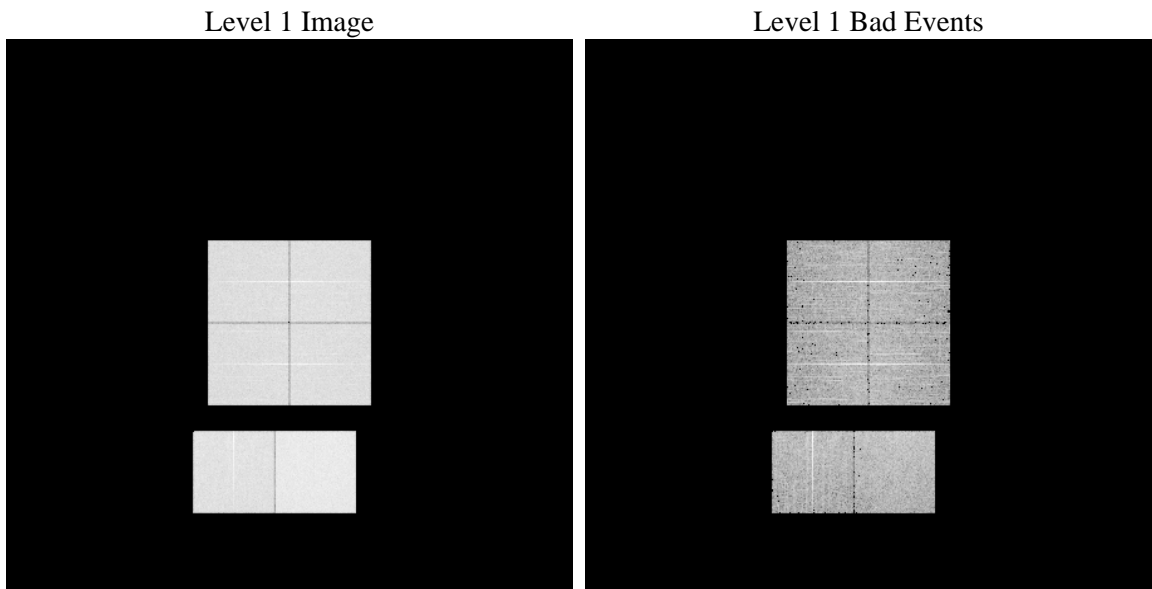
1 Front

seq_num	 	Sequence number
obs_id	60349	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	164.93415400862	Nominal RA [deg]
dec_nom	68.983824292305	Nominal Dec [deg]
roll_nom	181.59897399425	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7803.8495830595	Sum of GTIs [s]
livetime	7705.0325407248	Livetime [s]
ontime0	5499.479849875	Sum of GTIs [s]
ontime1	5729.5479165912	Sum of GTIs [s]
ontime2	5340.5908240378	Sum of GTIs [s]
ontime3	5474.075386852	Sum of GTIs [s]
ontime6	5963.4627929926	Sum of GTIs [s]
ontime7	7803.8495830595	Sum of GTIs [s]
l2events	1134777	Number of level 2 events

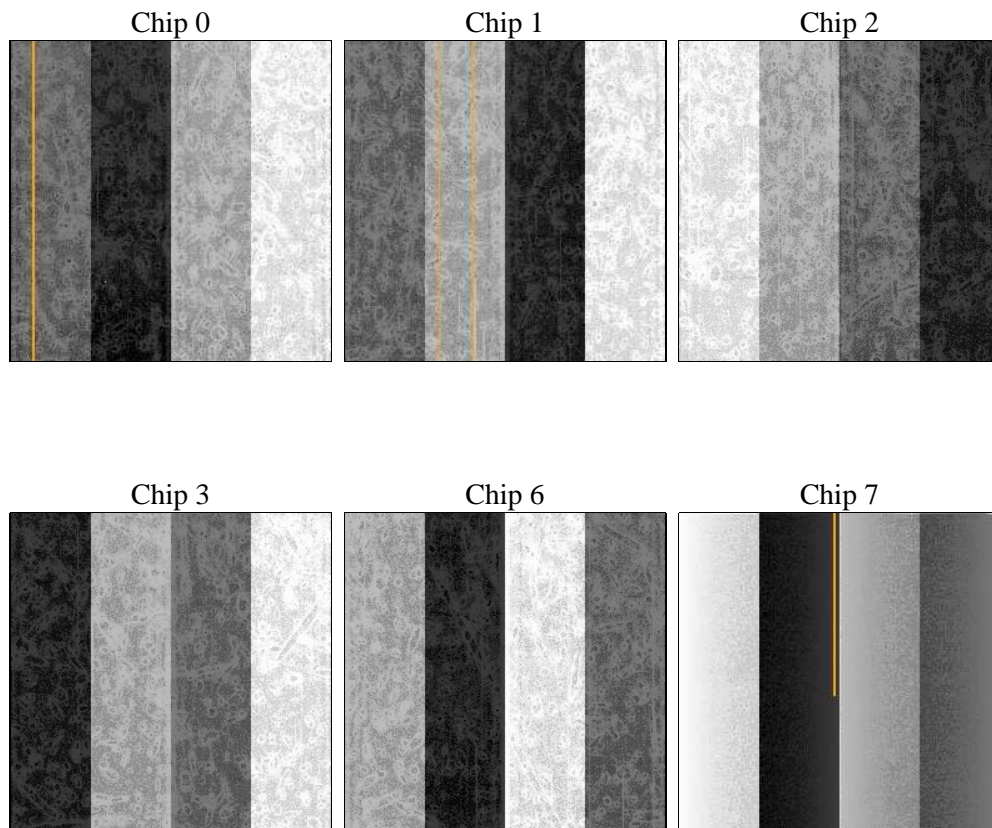
2 OBI

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	7803.8495830595	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5499.479849875	Sum of GTIs [s]
date	2012-11-12T20:44:18	Date and time of file creation	ontime1	5729.5479165912	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5340.5908240378	Sum of GTIs [s]
			ontime3	5474.075386852	Sum of GTIs [s]
			ontime6	5963.4627929926	Sum of GTIs [s]
			ontime7	7803.8495830595	Sum of GTIs [s]
			l1events	1417059	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	211543	220862	210328	217111	242353	314862	grade 0 events	97623	101306	97499	100860	109901	67226
rejected events	34273	36028	36577	37483	40139	43208		46%	45%	46%	46%	45%	21%
rejected %	16%	16%	17%	17%	16%	13%	grade 1 events	543	524	543	559	515	192
								0%	0%	0%	0%	0%	0%
							grade 2 events	30930	33079	29287	30648	35040	60024
								14%	14%	13%	14%	14%	19%
							grade 3 events	11570	11805	11414	11705	12642	27601
								5%	5%	5%	5%	5%	8%
							grade 4 events	11348	11631	11325	11821	12756	27025
								5%	5%	5%	5%	5%	8%
							grade 5 events	2276	2363	2177	2467	2856	7966
								1%	1%	1%	1%	1%	2%
							grade 6 events	25799	27013	24226	24594	31875	89778
								12%	12%	11%	11%	13%	28%
							grade 7 events	31454	33141	33857	34457	36768	35050
								14%	15%	16%	15%	15%	11%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	164.9341540086236
[deg] Pointing Dec	0	68.98382429230546
[deg] Pointing Roll	0.0	181.5989739942497
[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)	194867646.128244	194867645.10353
Observation start date	2004-03-05T09:54:06	2004-03-05T09:54:05
[s] Observation end time (MET)	194908396.030031	194908395.00532
Observation end date	2004-03-05T21:13:16	2004-03-05T21:13:15
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8038495830595

A.2 Comments