

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62144 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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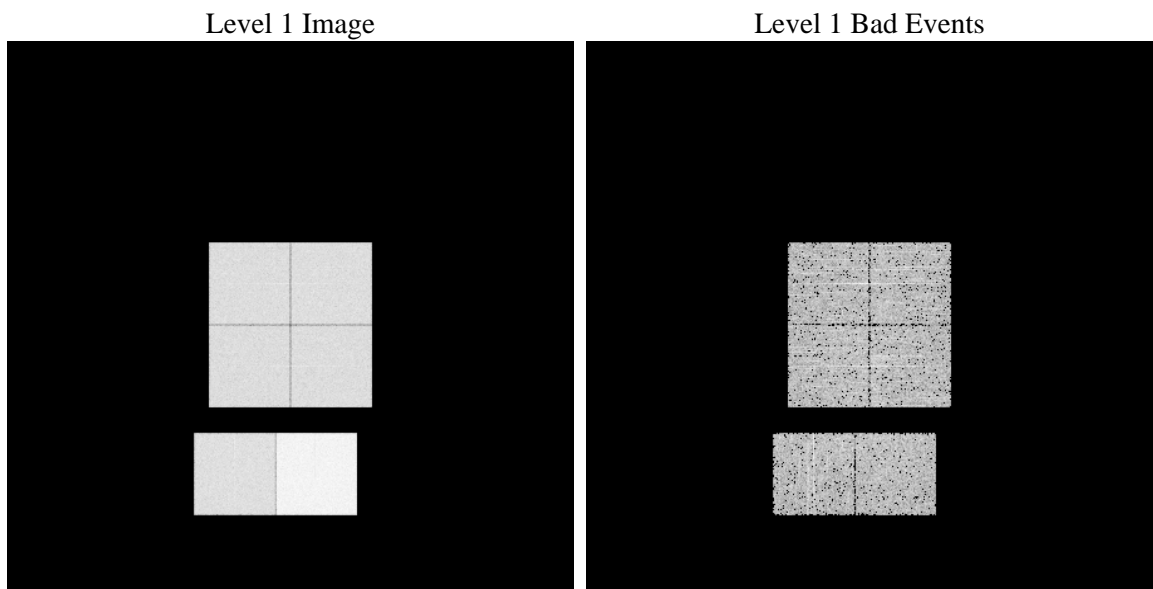
1 Front

seq_num	 	Sequence number
obs_id	62144	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	251.48761063232	Nominal RA [deg]
dec_nom	-11.773844081793	Nominal Dec [deg]
roll_nom	82.69179131192	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3347.9454908371	Sum of GTIs [s]
livetime	3334.1240312168	Livetime [s]
ontime0	1576.8061065525	Sum of GTIs [s]
ontime1	1598.3392351568	Sum of GTIs [s]
ontime2	1508.8698750734	Sum of GTIs [s]
ontime3	1528.751955092	Sum of GTIs [s]
ontime6	1626.3061065972	Sum of GTIs [s]
ontime7	3347.9454908371	Sum of GTIs [s]
l2events	914438	Number of level 2 events

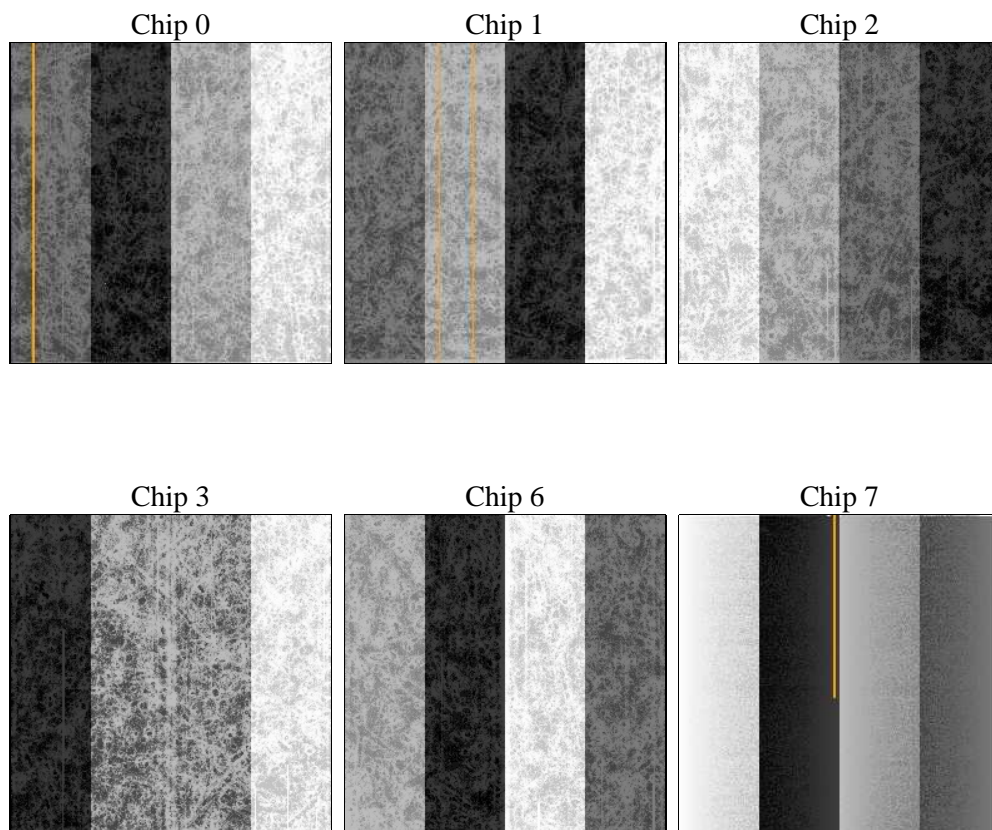
2 OBI

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	3347.9454908371	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1576.8061065525	Sum of GTIs [s]
date	2012-08-23T18:11:59	Date and time of file creation	ontime1	1598.3392351568	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1508.8698750734	Sum of GTIs [s]
			ontime3	1528.751955092	Sum of GTIs [s]
			ontime6	1626.3061065972	Sum of GTIs [s]
			ontime7	3347.9454908371	Sum of GTIs [s]
			l1events	1051498	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	144203	147265	141651	143655	156421	318303	grade 0 events	69844	72042	69016	70694	75326	80041
rejected events	15768	16345	17179	16793	16249	15810		48%	48%	48%	49%	48%	25%
rejected %	10%	11%	12%	11%	10%	4%	grade 1 events	945	970	919	983	991	427
								0%	0%	0%	0%	0%	0%
							grade 2 events	22723	22983	21772	22095	24176	68209
								15%	15%	15%	15%	15%	21%
							grade 3 events	8239	8372	7932	8135	8825	31434
								5%	5%	5%	5%	5%	9%
							grade 4 events	8298	8732	8026	8267	8971	31260
								5%	5%	5%	5%	5%	9%
							grade 5 events	1474	1391	1491	1452	1586	4353
								1%	0%	1%	1%	1%	1%
							grade 6 events	19331	19580	18519	18445	22874	92437
								13%	13%	13%	12%	14%	29%
							grade 7 events	13349	13195	13976	13584	13672	10142
								9%	8%	9%	9%	8%	3%

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	251.4876106323207
[deg] Pointing Dec	0	-11.7738440817931
[deg] Pointing Roll	0.0	82.69179131192021
[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)	68293381.723	68293380.95429
Observation start date	2000-03-01T10:23:02	2000-03-01T10:23:00
[s] Observation end time (MET)	68301423.873	68301423.10458399
Observation end date	2000-03-01T12:37:04	2000-03-01T12:37:03
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	9.9

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3479454908371

A.2 Comments