

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61272 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

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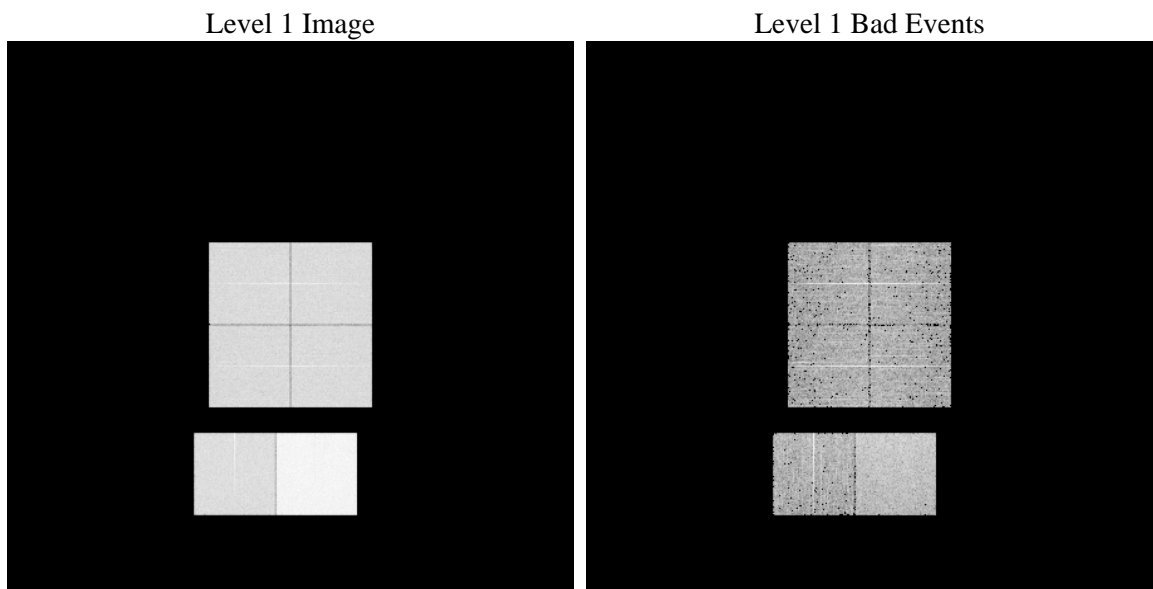
1 Front

seq_num	 	Sequence number
obs_id	61272	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	100.01453339586	Nominal RA [deg]
dec_nom	35.973911664274	Nominal Dec [deg]
roll_nom	261.42919162674	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7792.000007242	Sum of GTIs [s]
livetime	7693.3330113711	Livetime [s]
ontime0	3193.0553217679	Sum of GTIs [s]
ontime1	3199.5367937386	Sum of GTIs [s]
ontime2	3011.557989046	Sum of GTIs [s]
ontime3	3092.583660081	Sum of GTIs [s]
ontime6	3355.1060158312	Sum of GTIs [s]
ontime7	7792.000007242	Sum of GTIs [s]
l2events	1223491	Number of level 2 events

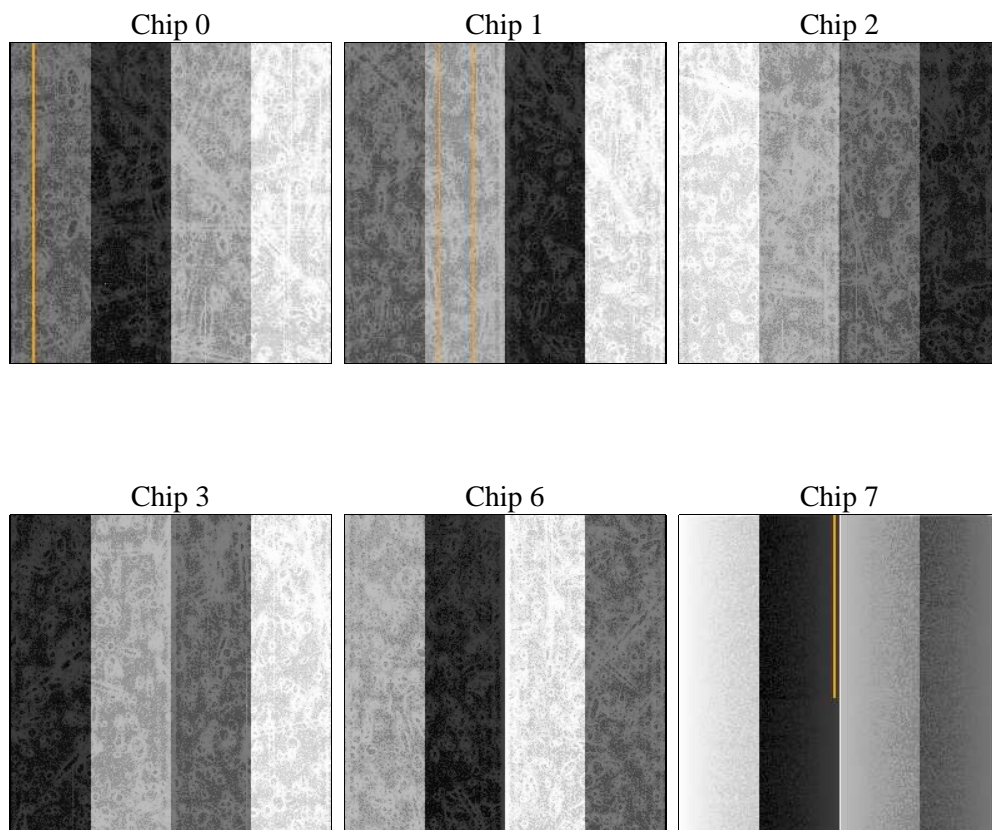
2 OBI

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	7792.000007242	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3193.0553217679	Sum of GTIs [s]
date	2012-10-03T10:38:39	Date and time of file creation	ontime1	3199.5367937386	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3011.557989046	Sum of GTIs [s]
			ontime3	3092.583660081	Sum of GTIs [s]
			ontime6	3355.1060158312	Sum of GTIs [s]
			ontime7	7792.000007242	Sum of GTIs [s]
			l1events	1442969	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	191225	192545	184957	189966	212545	471731	grade 0 events	92354	93049	89740	92429	100781	107016
rejected events	23403	24107	24335	24608	27378	43932		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	13%	12%	12%	9%	grade 1 events	504	541	452	484	497	291
								0%	0%	0%	0%	0%	0%
							grade 2 events	29897	29716	28162	28733	32147	93734
								15%	15%	15%	15%	15%	19%
							grade 3 events	10693	10783	9969	10551	11469	43452
								5%	5%	5%	5%	5%	9%
							grade 4 events	10670	10693	10157	10482	11533	43099
								5%	5%	5%	5%	5%	9%
							grade 5 events	1637	1766	1534	1685	1942	8713
								0%	0%	0%	0%	0%	1%
							grade 6 events	24364	24388	22778	23360	29421	140680
								12%	12%	12%	12%	13%	29%
							grade 7 events	21106	21609	22165	22242	24755	34746
								11%	11%	11%	11%	11%	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	100.0145333958646	Alternating exposures requested	N	N
[deg] Pointing Dec	0	35.97391166427408	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	261.4291916267401			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	132041270.677108	132041269.90863			
Observation start date	2002-03-09T06:07:51	2002-03-09T06:07:49			
[s] Observation end time (MET)	132079740.978666	132079740.21019			
Observation end date	2002-03-09T16:49:01	2002-03-09T16:49:00			
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)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.792000007242

A.2 Comments