

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62087 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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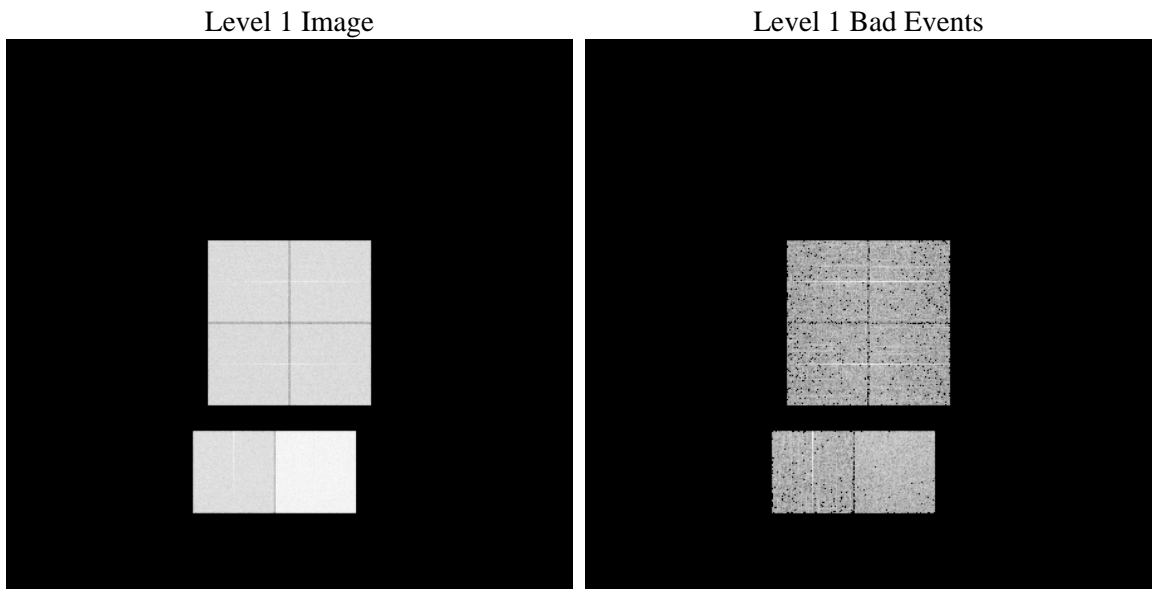
1 Front

seq_num	 	Sequence number
obs_id	62087	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	90.008657978761	Nominal RA [deg]
dec_nom	-30.027808026615	Nominal Dec [deg]
roll_nom	252.82762470174	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5428.7077346891	Sum of GTIs [s]
livetime	5359.9661685771	Livetime [s]
ontime0	2259.0033483207	Sum of GTIs [s]
ontime1	2298.2505851537	Sum of GTIs [s]
ontime2	2145.5668688715	Sum of GTIs [s]
ontime3	2191.4194850922	Sum of GTIs [s]
ontime6	2405.1227350831	Sum of GTIs [s]
ontime7	5428.7077346891	Sum of GTIs [s]
l2events	1395737	Number of level 2 events

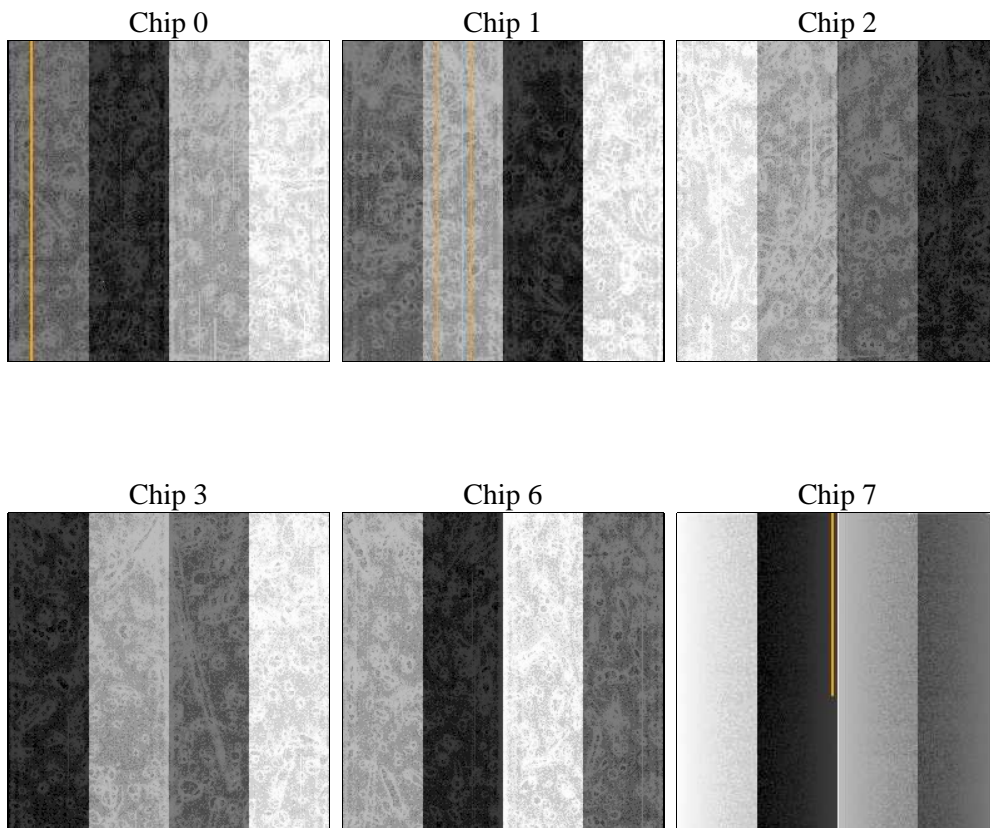
2 OBI

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	5428.7077346891	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2259.0033483207	Sum of GTIs [s]
date	2012-08-25T18:14:21	Date and time of file creation	ontime1	2298.2505851537	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2145.5668688715	Sum of GTIs [s]
			ontime3	2191.4194850922	Sum of GTIs [s]
			ontime6	2405.1227350831	Sum of GTIs [s]
			ontime7	5428.7077346891	Sum of GTIs [s]
			l1events	1588527	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	212426	216205	204173	209655	237246	508822	grade 0 events	105904	107769	102542	105596	116752	123741
rejected events	20398	21179	20229	20978	22782	29326		49%	49%	50%	50%	49%	24%
rejected %	9%	9%	9%	10%	9%	5%	grade 1 events	643	610	626	636	646	345
								0%	0%	0%	0%	0%	0%
							grade 2 events	33565	34329	31964	32778	36914	106417
								15%	15%	15%	15%	15%	20%
							grade 3 events	12248	12417	11660	12190	13555	49101
								5%	5%	5%	5%	5%	9%
							grade 4 events	12329	12358	11563	12104	13329	48676
								5%	5%	5%	5%	5%	9%
							grade 5 events	1443	1545	1449	1535	1750	6762
								0%	0%	0%	0%	0%	1%
							grade 6 events	27982	28432	26215	26277	34180	151561
								13%	13%	12%	12%	14%	29%
							grade 7 events	18312	18745	18154	18539	20120	22219
								8%	8%	8%	8%	8%	4%

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	90.00865797876051
[deg] Pointing Dec	0	-30.02780802661454
[deg] Pointing Roll	0.0	252.8276247017449
[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)	71772891.95	71772891.181527
Observation start date	2000-04-10T16:54:52	2000-04-10T16:54:51
[s] Observation end time (MET)	71783250.59999999	71783249.831907
Observation end date	2000-04-10T19:47:31	2000-04-10T19:47:29
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4287077346891

A.2 Comments