

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 62834 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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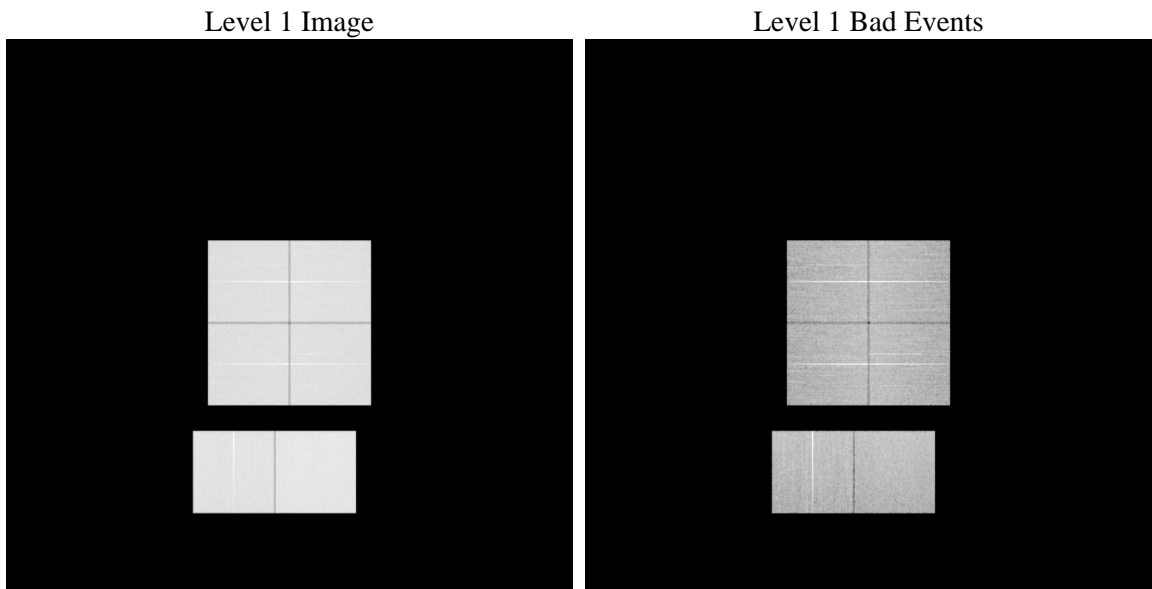
1 Front

seq_num	 	Sequence number
obs_id	62834	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	52.419881539434	Nominal RA [deg]
dec_nom	-1.9794246032731	Nominal Dec [deg]
roll_nom	13.115897432696	Nominal Roll [deg]
revision	3	Processing version of data
ontime	24833.685176164	Sum of GTIs [s]
livetime	24519.226101413	Livetime [s]
ontime0	20915.30558452	Sum of GTIs [s]
ontime1	21537.530673593	Sum of GTIs [s]
ontime2	20246.608985275	Sum of GTIs [s]
ontime3	20519.987804264	Sum of GTIs [s]
ontime6	22149.992937297	Sum of GTIs [s]
ontime7	24833.685176164	Sum of GTIs [s]
l2events	3470053	Number of level 2 events

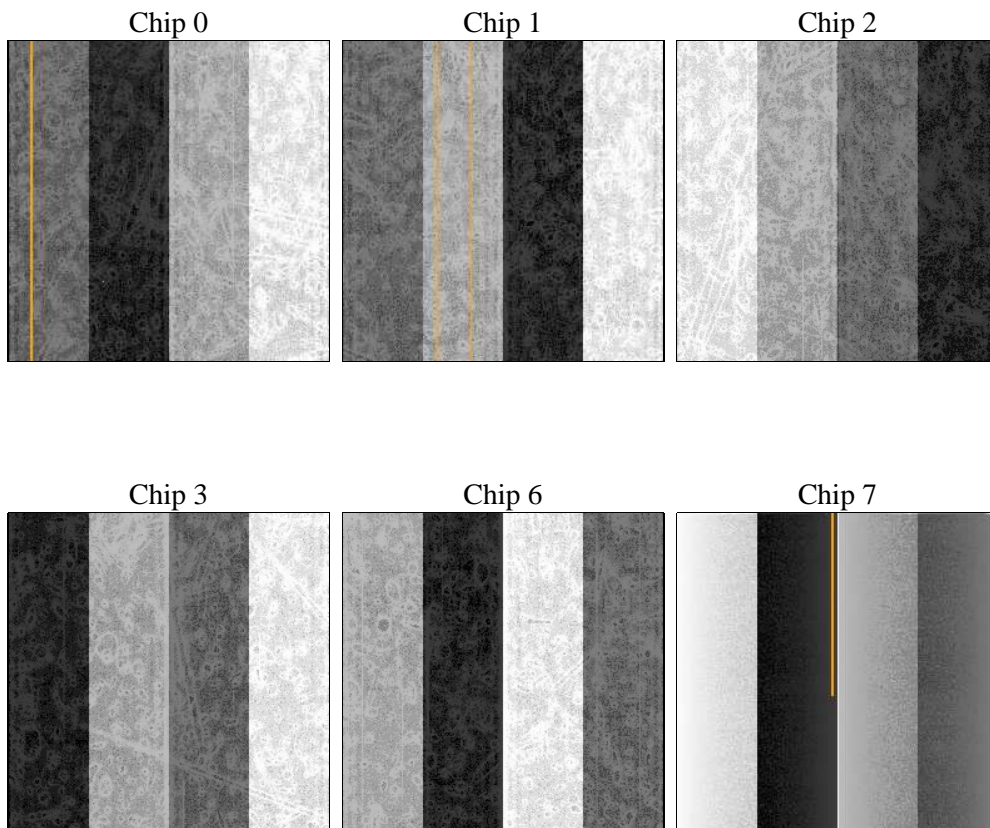
2 OBI

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	8.5	Processing system revision	ontime	24833.685176164	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	20915.30558452	Sum of GTIs [s]
date	2012-12-11T09:20:56	Date and time of file creation	ontime1	21537.530673593	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	20246.608985275	Sum of GTIs [s]
			ontime3	20519.987804264	Sum of GTIs [s]
			ontime6	22149.992937297	Sum of GTIs [s]
			ontime7	24833.685176164	Sum of GTIs [s]
			l1events	4442795	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	694922	717211	685242	697487	776521	871412	grade 0 events	313843	321248	312161	318118	343710	178957
rejected events	128127	130629	128731	132667	143470	135637		45%	44%	45%	45%	44%	20%
rejected %	18%	18%	18%	19%	18%	15%	grade 1 events	1722	1520	1779	1799	1624	570
								0%	0%	0%	0%	0%	0%
							grade 2 events	98951	104778	93543	95823	109619	161551
								14%	14%	13%	13%	14%	18%
							grade 3 events	36883	37289	36671	36904	39601	74102
								5%	5%	5%	5%	5%	8%
							grade 4 events	36311	37508	36406	37114	39292	73591
								5%	5%	5%	5%	5%	8%
							grade 5 events	8312	8594	7826	8756	9446	23899
								1%	1%	1%	1%	1%	2%
							grade 6 events	81925	87075	78509	78256	102117	250415
								11%	12%	11%	11%	13%	28%
							grade 7 events	116975	119199	118347	120717	131112	108327
								16%	16%	17%	17%	16%	12%

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	52.41988153943448
[deg] Pointing Dec	0	-1.979424603273083
[deg] Pointing Roll	0.0	13.11589743269581
[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)	216676395.795915	216676394.77094
Observation start date	2004-11-12T19:53:16	2004-11-12T19:53:14
[s] Observation end time (MET)	216703150.34714	216703149.32214
Observation end date	2004-11-13T03:19:10	2004-11-13T03:19:09
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	3.2	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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.833685176164

A.2 Comments