

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62845 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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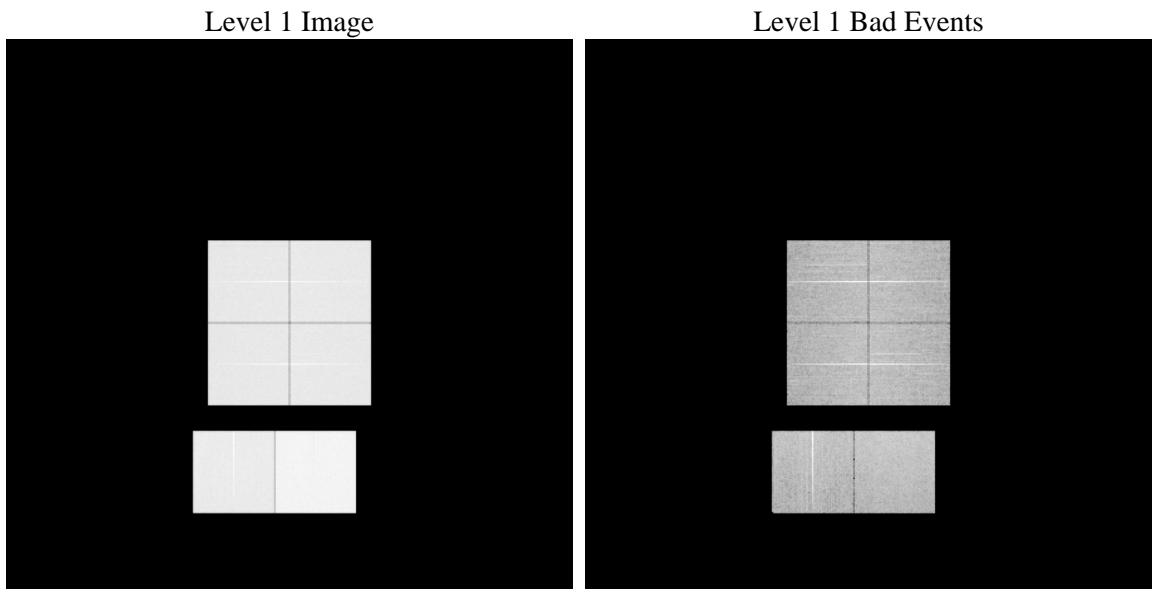
1 Front

seq_num	 	Sequence number
obs_id	62845	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	56.115058565234	Nominal RA [deg]
dec_nom	-28.674645039426	Nominal Dec [deg]
roll_nom	29.62836850842	Nominal Roll [deg]
revision	3	Processing version of data
ontime	34614.399871051	Sum of GTIs [s]
livetime	34176.091497595	Livetime [s]
ontime0	23593.032216191	Sum of GTIs [s]
ontime1	24108.390950233	Sum of GTIs [s]
ontime2	23045.38916719	Sum of GTIs [s]
ontime3	23294.7803424	Sum of GTIs [s]
ontime6	24847.416417807	Sum of GTIs [s]
ontime7	34614.399871051	Sum of GTIs [s]
l2events	5264551	Number of level 2 events

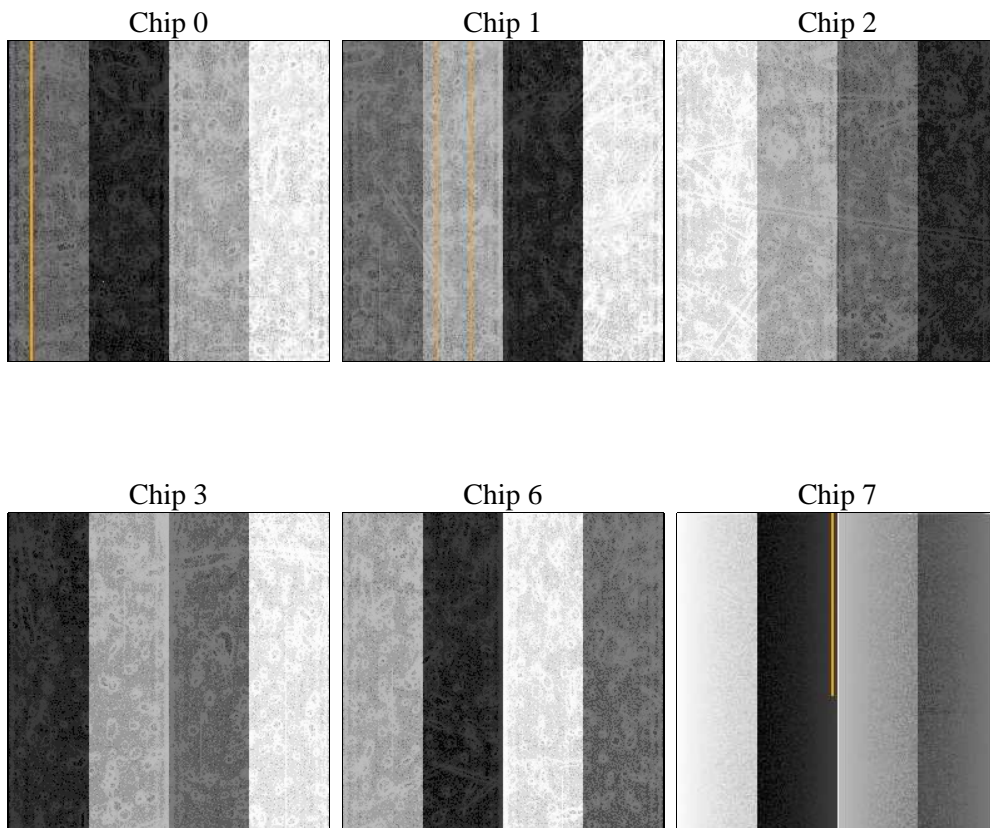
2 OBI

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	34614.399871051	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	23593.032216191	Sum of GTIs [s]
date	2012-11-07T13:26:15	Date and time of file creation	ontime1	24108.390950233	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	23045.38916719	Sum of GTIs [s]
			ontime3	23294.7803424	Sum of GTIs [s]
			ontime6	24847.416417807	Sum of GTIs [s]
			ontime7	34614.399871051	Sum of GTIs [s]
			l1events	6198696	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	938106	959037	929438	945952	1038539	1387624	grade 0 events	459394	469518	461387	470205	502903	317728
rejected events	107625	108202	108946	113631	118613	126628		48%	48%	49%	49%	48%	22%
rejected %	11%	11%	11%	12%	11%	9%	grade 1 events	1946	1825	2148	2128	2016	765
								0%	0%	0%	0%	0%	0%
							grade 2 events	145354	150841	138512	142049	158205	278653
								15%	15%	14%	15%	15%	20%
							grade 3 events	53213	53419	53130	53373	57180	127901
								5%	5%	5%	5%	5%	9%
							grade 4 events	52717	53508	53424	53604	56292	126857
								5%	5%	5%	5%	5%	9%
							grade 5 events	7771	7918	7509	8042	8939	25281
								0%	0%	0%	0%	0%	1%
							grade 6 events	119803	123549	114039	113211	145346	409989
								12%	12%	12%	11%	13%	29%
							grade 7 events	97908	98459	99289	103340	107658	100450
								10%	10%	10%	10%	10%	7%

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	56.11505856523434
[deg] Pointing Dec	0	-28.67464503942566
[deg] Pointing Roll	0.0	29.6283685084197
[mm] SIM focus pos	-0.782348	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	184047003.557144	184047002.53246
Observation start date	2003-11-01T04:10:04	2003-11-01T04:10:02
[s] Observation end time (MET)	184083696.508723	184083695.48405
Observation end date	2003-11-01T14:21:37	2003-11-01T14:21:35
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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.614399871051

A.2 Comments