

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60300 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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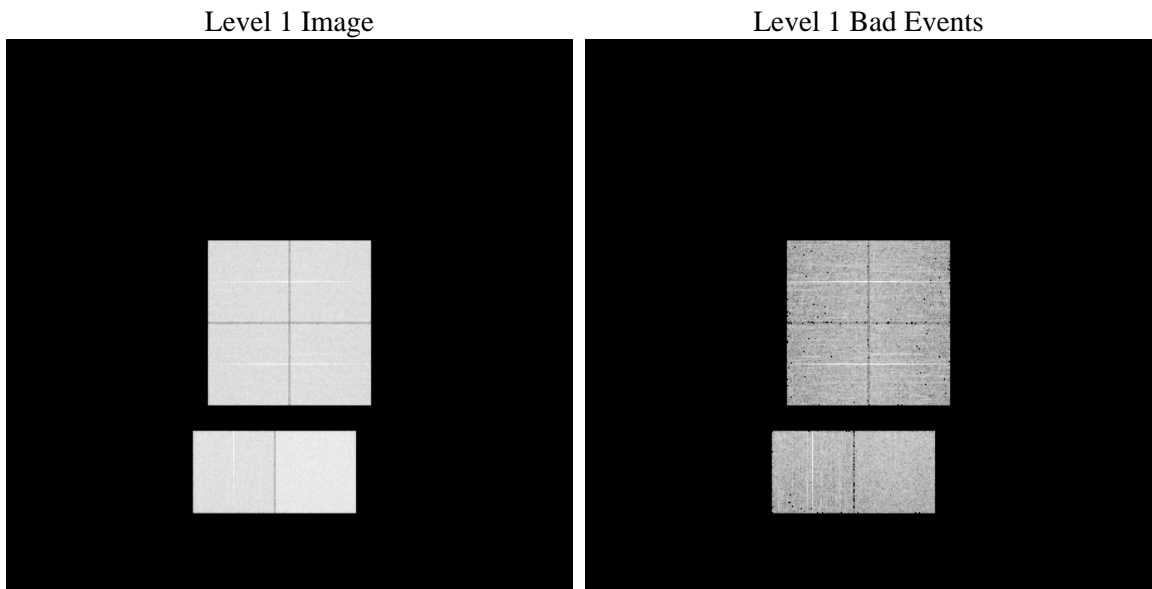
1 Front

seq_num	 	Sequence number
obs_id	60300	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	319.99643077971	Nominal RA [deg]
dec_nom	47.02849003978	Nominal Dec [deg]
roll_nom	62.086163674503	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime0	5506.994577229	Sum of GTIs [s]
ontime1	5613.9471244812	Sum of GTIs [s]
ontime2	5302.8140281141	Sum of GTIs [s]
ontime3	5432.4531079531	Sum of GTIs [s]
ontime6	5824.6102595031	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
l2events	1123692	Number of level 2 events

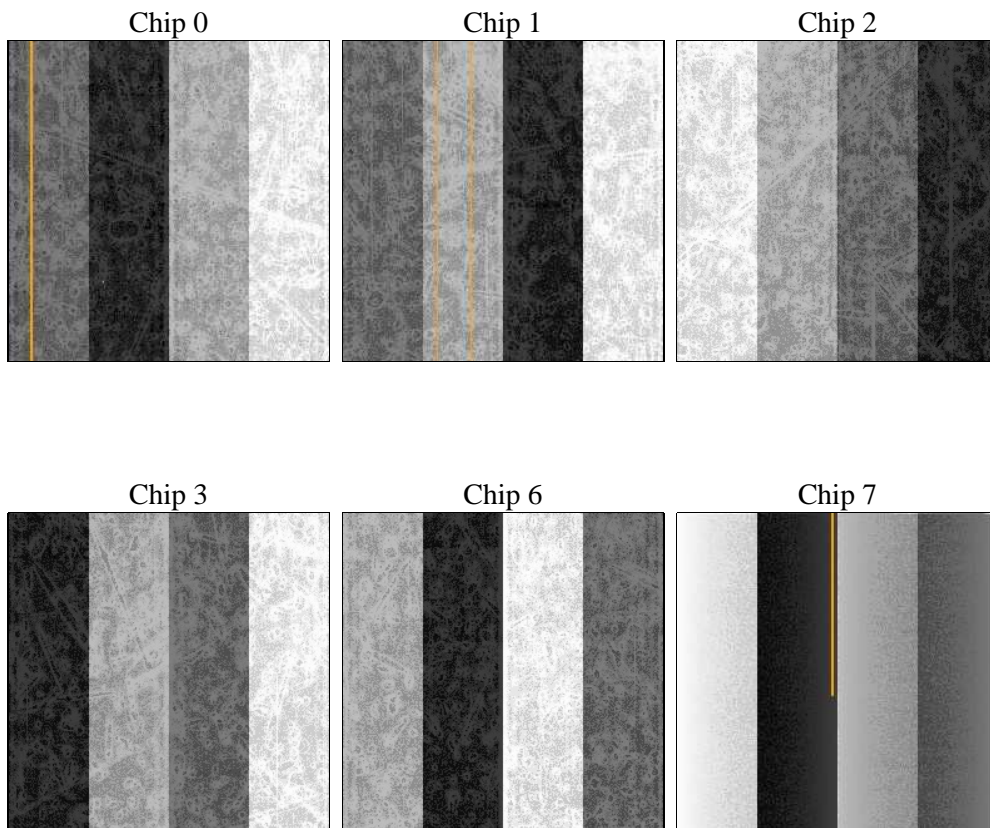
2 OBI

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	7801.5999709368	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5506.994577229	Sum of GTIs [s]
date	2012-11-14T06:02:35	Date and time of file creation	ontime1	5613.9471244812	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5302.8140281141	Sum of GTIs [s]
			ontime3	5432.4531079531	Sum of GTIs [s]
			ontime6	5824.6102595031	Sum of GTIs [s]
			ontime7	7801.5999709368	Sum of GTIs [s]
			l1events	1416979	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	213826	218898	210472	216934	238796	318053	grade 0 events	97417	99083	96856	99587	106715	67397
rejected events	36742	38044	37888	39616	41887	45074		45%	45%	46%	45%	44%	21%
rejected %	17%	17%	18%	18%	17%	14%	grade 1 events	560	516	550	641	509	194
								0%	0%	0%	0%	0%	0%
							grade 2 events	31074	32158	29050	30301	34254	60252
								14%	14%	13%	13%	14%	18%
							grade 3 events	11430	11591	11245	11566	12291	27239
								5%	5%	5%	5%	5%	8%
							grade 4 events	11418	11484	11145	11643	12254	27050
								5%	5%	5%	5%	5%	8%
							grade 5 events	2450	2612	2333	2676	2885	8389
								1%	1%	1%	1%	1%	2%
							grade 6 events	25840	26655	24407	24221	31515	91156
								12%	12%	11%	11%	13%	28%
							grade 7 events	33637	34799	34886	36299	38373	36376
								15%	15%	16%	16%	16%	11%

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	319.996430779709
[deg] Pointing Dec	0	47.02849003977953
[deg] Pointing Roll	0.0	62.0861636745029
[mm] SIM focus pos	-0.782348	-1.428180813131781
[mm] SIM defocus	0	0.1051558262725154
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	197157299.429073	197157298.40405
Observation start date	2004-03-31T21:54:59	2004-03-31T21:54:58
[s] Observation end time (MET)	197172330.029734	197172329.00471
Observation end date	2004-04-01T02:05:30	2004-04-01T02:05:29
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8015999709368

A.2 Comments