

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60870 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 21 2012

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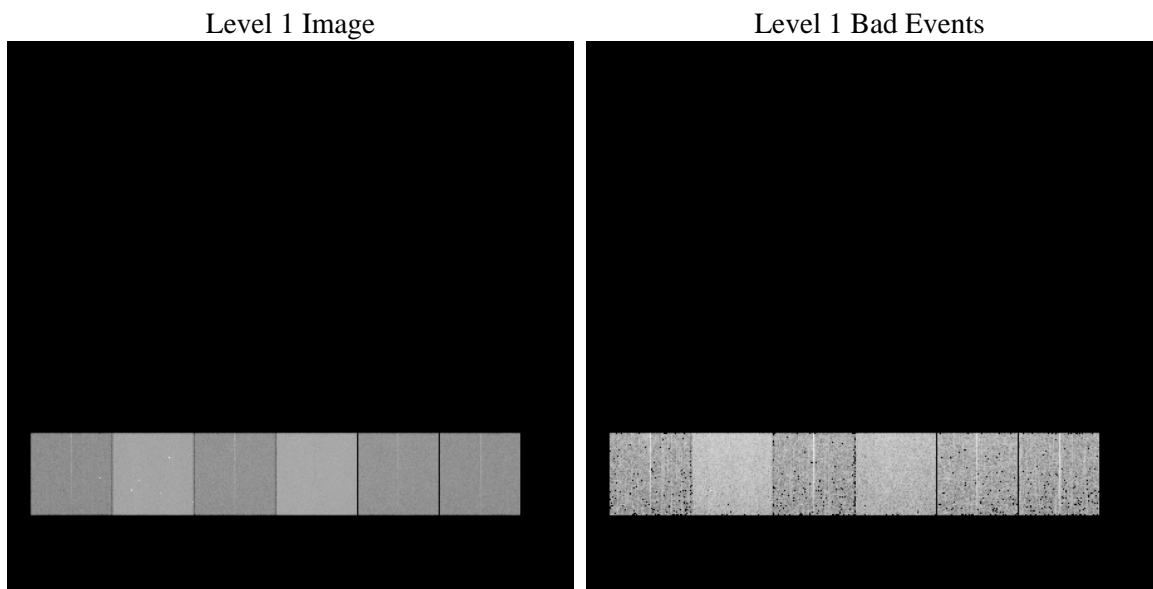
1 Front

seq_num	 	Sequence number
obs_id	60870	Observation id
title	ACIS-456789 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	259.99087428748	Nominal RA [deg]
dec_nom	-10.972832021156	Nominal Dec [deg]
roll_nom	75.372561362237	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7790.7373745441	Sum of GTIs [s]
livetime	7692.0863668888	Livetime [s]
ontime4	3143.3019233346	Sum of GTIs [s]
ontime5	7790.7784145474	Sum of GTIs [s]
ontime6	3496.5322202742	Sum of GTIs [s]
ontime7	7790.7373745441	Sum of GTIs [s]
ontime8	3611.1479001343	Sum of GTIs [s]
ontime9	3357.0456859469	Sum of GTIs [s]
l2events	1181703	Number of level 2 events

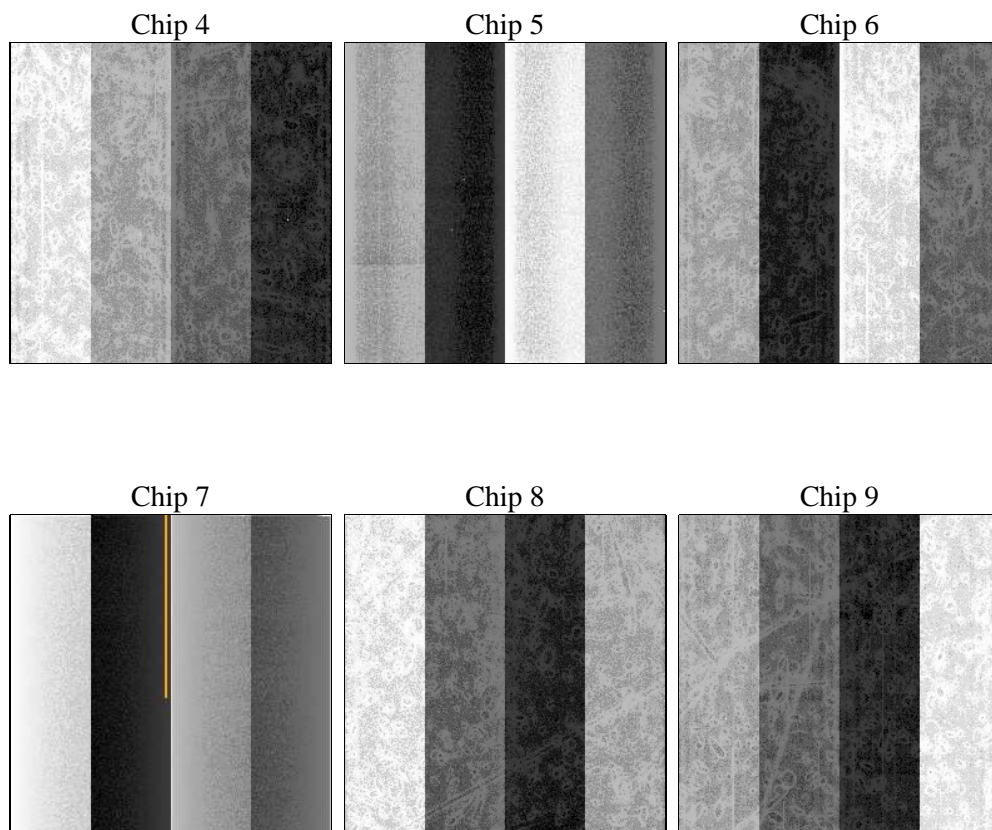
2 OBI

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	7790.7373745441	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	3143.3019233346	Sum of GTIs [s]
date	2012-10-21T10:20:30	Date and time of file creation	ontime5	7790.7784145474	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3496.5322202742	Sum of GTIs [s]
			ontime7	7790.7373745441	Sum of GTIs [s]
			ontime8	3611.1479001343	Sum of GTIs [s]
			ontime9	3357.0456859469	Sum of GTIs [s]
			l1events	1423526	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	151754	354218	178446	386138	186459	166511	grade 0 events	75616	73358	84867	86881	89237	79042
rejected events	22863	49543	23531	39446	25610	23264		49%	20%	47%	22%	47%	47%
rejected %	15%	13%	13%	10%	13%	13%	grade 1 events	537	384	422	234	456	429
								0%	0%	0%	0%	0%	0%
							grade 2 events	20079	109272	26574	76962	27852	24692
								13%	30%	14%	19%	14%	14%
							grade 3 events	8506	18564	9621	34834	10124	9072
								5%	5%	5%	9%	5%	5%
							grade 4 events	8483	18458	9618	34710	10321	9246
								5%	5%	5%	8%	5%	5%
							grade 5 events	1495	8463	1690	7644	2019	1666
								0%	2%	0%	1%	1%	1%
							grade 6 events	16207	85023	24235	113305	23458	21195
								10%	24%	13%	29%	12%	12%
							grade 7 events	20831	40696	21419	31568	22992	21169
								13%	11%	12%	8%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	259.9908742874752	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-10.97283202115583	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	75.37256136223695			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	160141845.9414	160141844.91669			
Observation start date	2003-01-28T11:50:46	2003-01-28T11:50:44			
[s] Observation end time (MET)	160151726.941814	160151725.9171			
Observation end date	2003-01-28T14:35:27	2003-01-28T14:35:25			
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)	2012.11.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7907373745441

A.2 Comments