

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60091 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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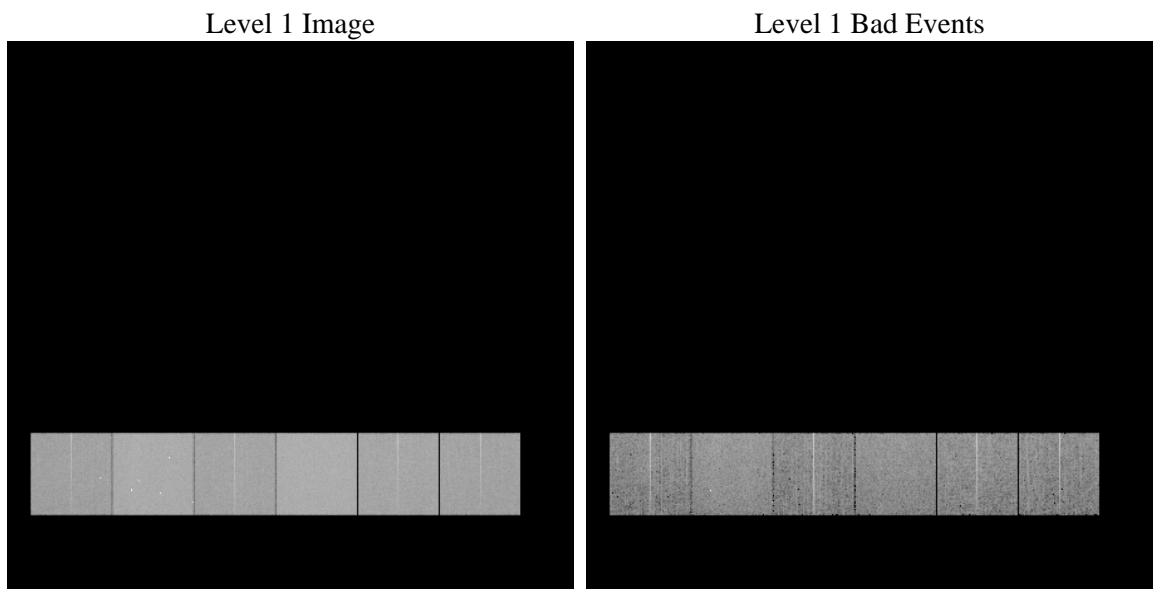
1 Front

seq_num	 	Sequence number
obs_id	60091	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	334.97661855411	Nominal RA [deg]
dec_nom	-10.482943580998	Nominal Dec [deg]
roll_nom	110.5282627776	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8166.3999695778	Sum of GTIs [s]
livetime	8062.9920959473	Livetime [s]
ontime4	5593.9684409499	Sum of GTIs [s]
ontime5	8166.3999695778	Sum of GTIs [s]
ontime6	6011.154520601	Sum of GTIs [s]
ontime7	8166.3999695778	Sum of GTIs [s]
ontime8	6228.2868951261	Sum of GTIs [s]
ontime9	5832.8999506533	Sum of GTIs [s]
l2events	1116443	Number of level 2 events

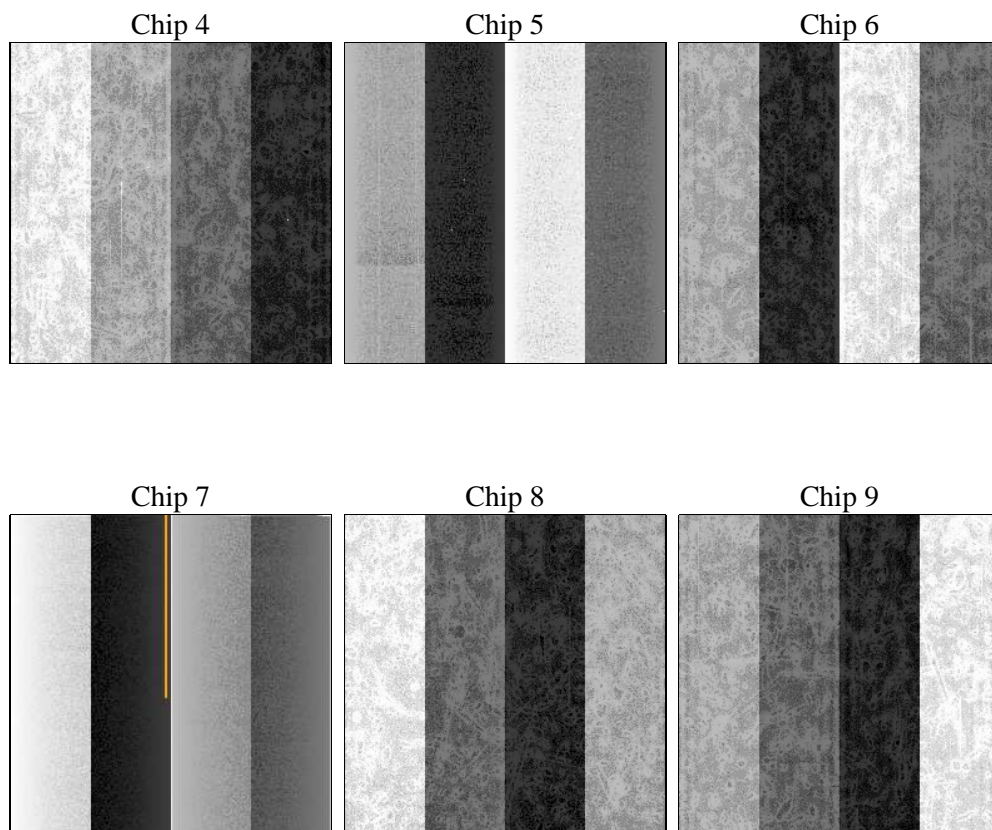
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	8166.3999695778	Sum of GTIs [s]
caldbver	4.5.4	 	ontime4	5593.9684409499	Sum of GTIs [s]
date	2012-12-07T18:21:05	Date and time of file creation	ontime5	8166.3999695778	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6011.154520601	Sum of GTIs [s]
			ontime7	8166.3999695778	Sum of GTIs [s]
			ontime8	6228.2868951261	Sum of GTIs [s]
			ontime9	5832.8999506533	Sum of GTIs [s]
			l1events	1497676	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	203756	294551	229363	310761	243752	215493	grade 0 events	92649	49038	99647	62348	104950	94218
rejected events	47574	62668	49304	53657	52986	47201		45%	16%	43%	20%	43%	43%
rejected %	23%	21%	21%	17%	21%	21%	grade 1 events	760	260	507	207	626	575
								0%	0%	0%	0%	0%	0%
							grade 2 events	24315	87853	31218	57048	33775	29182
								11%	29%	13%	18%	13%	13%
							grade 3 events	10592	13156	11180	25948	12590	10766
								5%	4%	4%	8%	5%	4%
							grade 4 events	10349	12866	11335	25836	12583	10978
								5%	4%	4%	8%	5%	5%
							grade 5 events	2631	9043	3141	8887	3522	2991
								1%	3%	1%	2%	1%	1%
							grade 6 events	20315	72172	29389	89458	29191	25549
								9%	24%	12%	28%	11%	11%
							grade 7 events	42145	50163	42946	41029	46515	41234
								20%	17%	18%	13%	19%	19%

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	334.9766185541131	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-10.48294358099751	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	110.5282627775967			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	209074815.056258	209074814.03125			
Observation start date	2004-08-16T20:20:15	2004-08-16T20:20:14			
[s] Observation end time (MET)	209097297.407259	209097296.38225			
Observation end date	2004-08-17T02:34:57	2004-08-17T02:34:56			
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)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1663999695778

A.2 Comments