

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59781 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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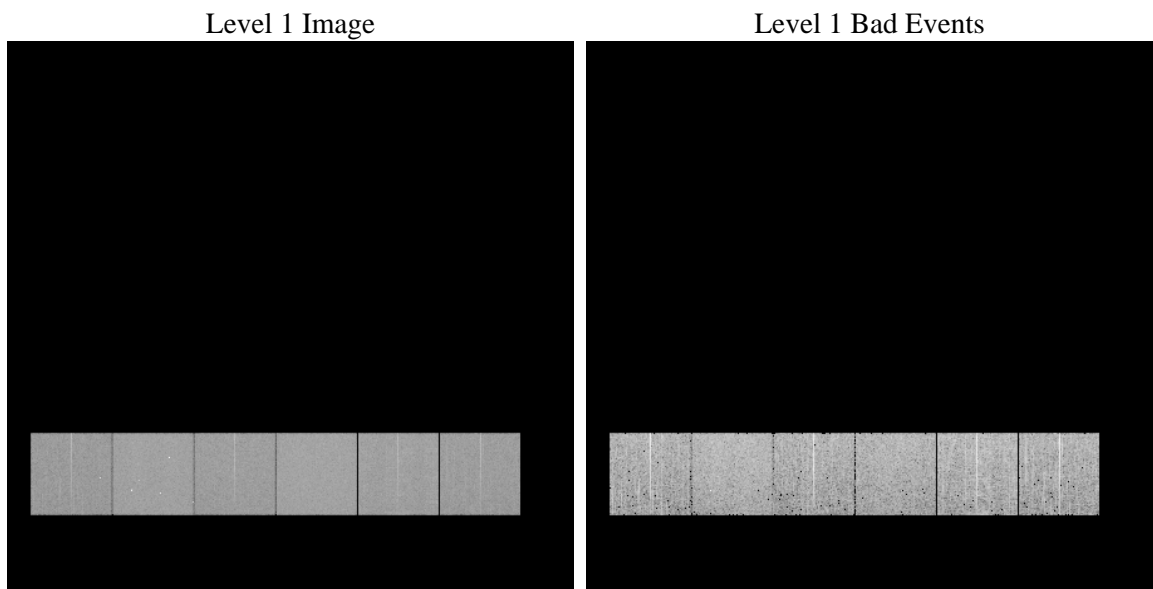
1 Front

seq_num	 	Sequence number
obs_id	59781	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	164.97021008578	Nominal RA [deg]
dec_nom	17.003000942748	Nominal Dec [deg]
roll_nom	141.20480930377	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5516.7999794483	Sum of GTIs [s]
livetime	5446.9429362904	Livetime [s]
ontime4	4424.5943208039	Sum of GTIs [s]
ontime5	5516.7999794483	Sum of GTIs [s]
ontime6	4726.004357487	Sum of GTIs [s]
ontime7	5516.7999794483	Sum of GTIs [s]
ontime8	4883.3275224864	Sum of GTIs [s]
ontime9	4661.1849321723	Sum of GTIs [s]
l2events	736377	Number of level 2 events

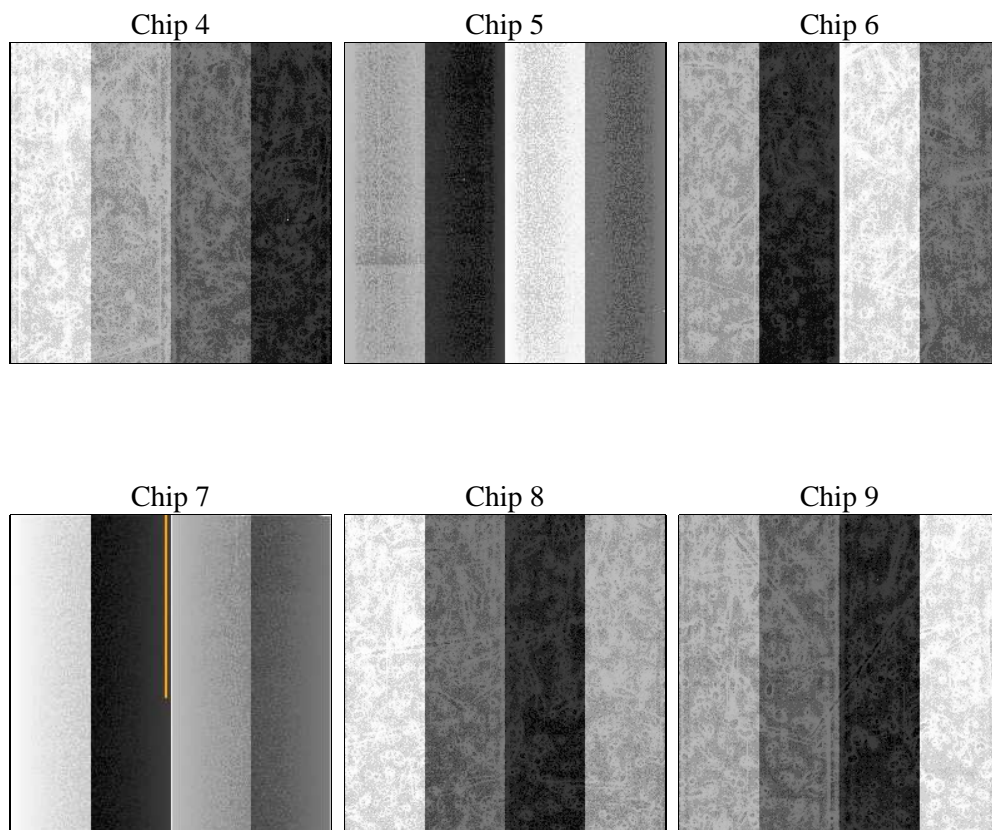
2 OBI

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	8.5.1	Processing system revision	ontime	5516.7999794483	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	4424.5943208039	Sum of GTIs [s]
date	2012-12-17T23:33:57	Date and time of file creation	ontime5	5516.7999794483	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4726.004357487	Sum of GTIs [s]
			ontime7	5516.7999794483	Sum of GTIs [s]
			ontime8	4883.3275224864	Sum of GTIs [s]
			ontime9	4661.1849321723	Sum of GTIs [s]
			l1events	1002985	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	144390	181453	159156	189858	173996	154132	grade 0 events	63564	31381	67855	37073	72078	65083
rejected events	35312	38632	34004	33819	40810	35534		44%	17%	42%	19%	41%	42%
rejected %	24%	21%	21%	17%	23%	23%	grade 1 events	484	112	333	126	404	402
								0%	0%	0%	0%	0%	0%
							grade 2 events	17340	51802	21831	34251	23261	20498
								12%	28%	13%	18%	13%	13%
							grade 3 events	7262	8120	7679	15627	8739	7645
								5%	4%	4%	8%	5%	4%
							grade 4 events	7174	7980	7901	15284	8919	7776
								4%	4%	4%	8%	5%	5%
							grade 5 events	1999	5936	2316	6053	2872	2431
								1%	3%	1%	3%	1%	1%
							grade 6 events	13822	43638	19973	53804	20189	17596
								9%	24%	12%	28%	11%	11%
							grade 7 events	32745	32484	31268	27640	37534	32701
								22%	17%	19%	14%	21%	21%

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	164.9702100857752	Alternating exposures requested	N	N
[deg] Pointing Dec	0	17.00300094274809	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	141.2048093037748			
[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)	225711285.353222	225711284.32822			
Observation start date	2005-02-25T09:34:45	2005-02-25T09:34:44			
[s] Observation end time (MET)	225728886.65402	225728885.62902			
Observation end date	2005-02-25T14:28:07	2005-02-25T14:28:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5167999794483

A.2 Comments