

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59951 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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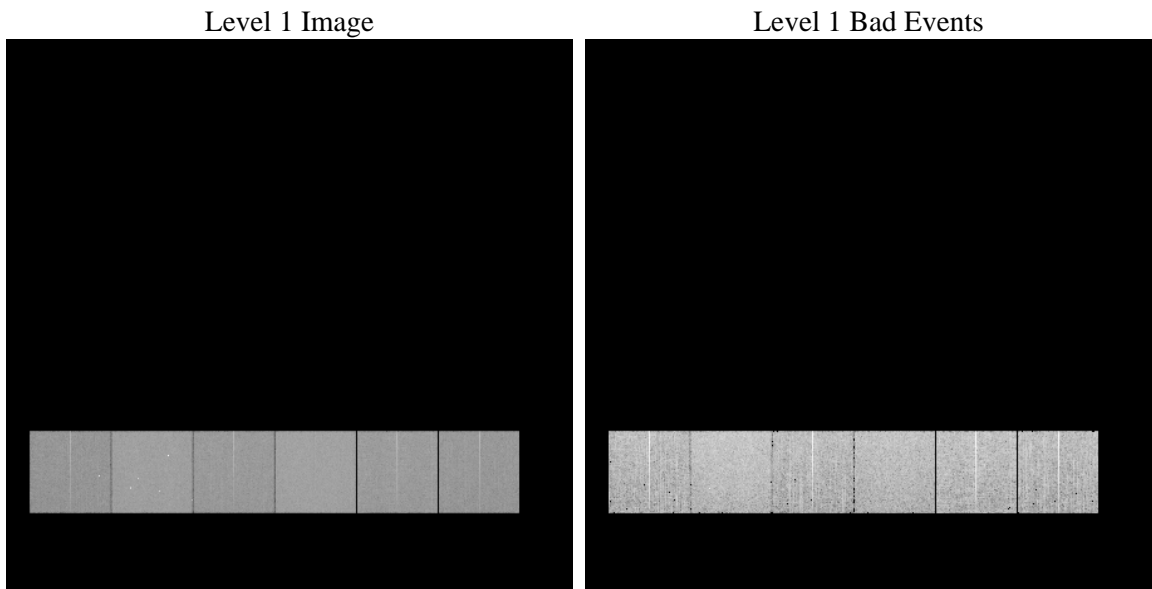
1 Front

seq_num	 	Sequence number
obs_id	59951	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	68.371086160792	Nominal RA [deg]
dec_nom	46.987485256579	Nominal Dec [deg]
roll_nom	169.83049867607	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	5448.6968362629	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	6164.9516765475	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	6275.1445364356	Sum of GTIs [s]
ontime9	5831.1319770217	Sum of GTIs [s]
l2events	1043804	Number of level 2 events

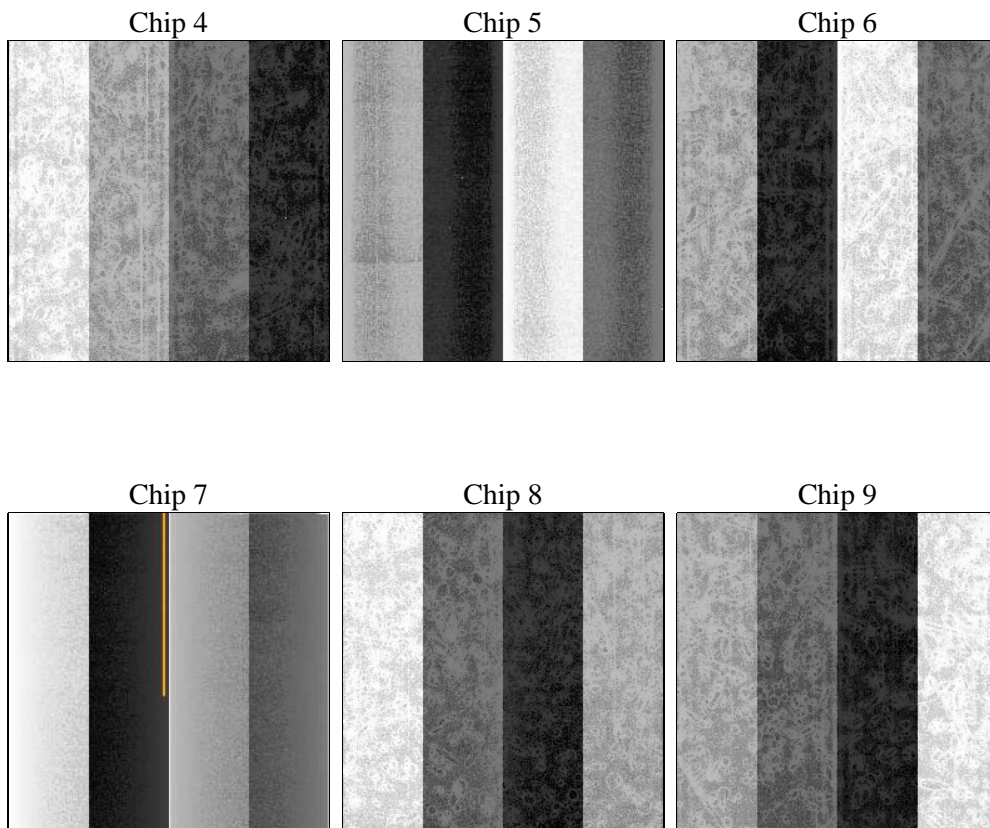
2 OBI

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	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime4	5448.6968362629	Sum of GTIs [s]
date	2012-12-12T08:26:53	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6164.9516765475	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	6275.1445364356	Sum of GTIs [s]
			ontime9	5831.1319770217	Sum of GTIs [s]
			l1events	1411503	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	190329	270630	221262	285979	236291	207012	grade 0 events	82877	47677	94701	56729	98792	87350
rejected events	47407	56762	47185	49486	53780	48356		43%	17%	42%	19%	41%	42%
rejected %	24%	20%	21%	17%	22%	23%	grade 1 events	736	211	529	168	565	543
								0%	0%	0%	0%	0%	0%
							grade 2 events	22824	76456	29992	52215	32058	27130
								11%	28%	13%	18%	13%	13%
							grade 3 events	9485	12434	11039	23772	11923	10229
								4%	4%	4%	8%	5%	4%
							grade 4 events	9585	12173	10857	23293	12037	10112
								5%	4%	4%	8%	5%	4%
							grade 5 events	2660	8829	3117	8992	3687	3111
								1%	3%	1%	3%	1%	1%
							grade 6 events	18151	65128	27488	80484	27701	23835
								9%	24%	12%	28%	11%	11%
							grade 7 events	44011	47722	43539	40326	49528	44702
								23%	17%	19%	14%	20%	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	68.3710861607924	Alternating exposures requested	N	N
[deg] Pointing Dec	0	46.98748525657856	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	169.8304986760694			
[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)	217943570.552806	217943569.52782			
Observation start date	2004-11-27T11:52:51	2004-11-27T11:52:49			
[s] Observation end time (MET)	217961909.853629	217961908.82864			
Observation end date	2004-11-27T16:58:30	2004-11-27T16:58:28			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments