

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59367 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 30 2012

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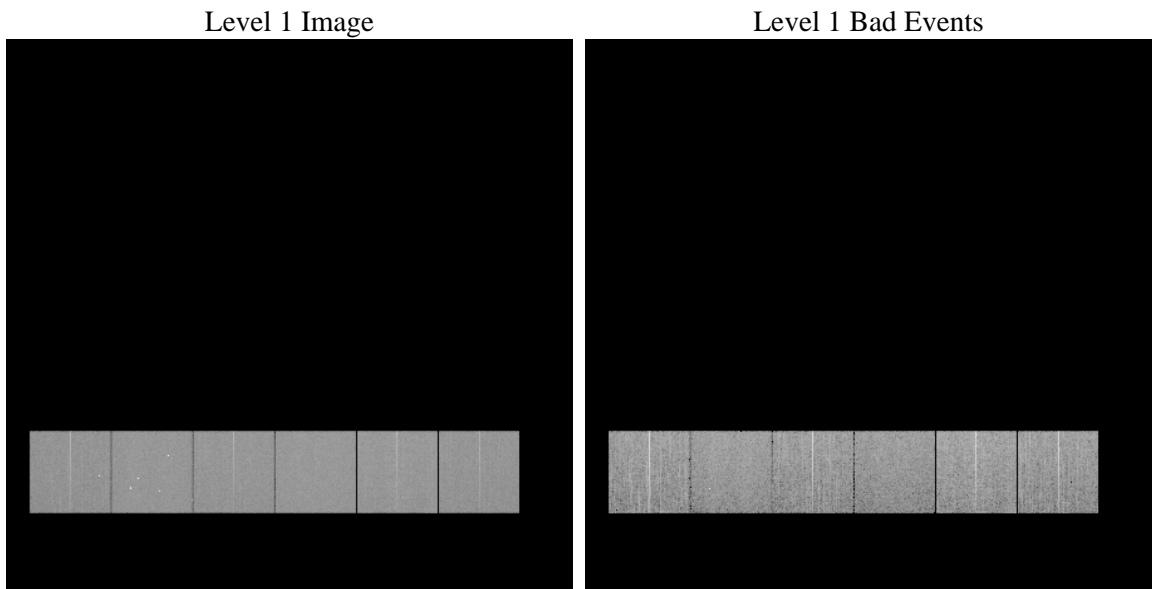
1 Front

seq_num	 	Sequence number
obs_id	59367	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	0.023809114170774	Nominal RA [deg]
dec_nom	-0.015843954016829	Nominal Dec [deg]
roll_nom	293.5351030814	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	7163.1694428027	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	7655.797008723	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	7798.3999709487	Sum of GTIs [s]
ontime9	7484.0257319212	Sum of GTIs [s]
l2events	978563	Number of level 2 events

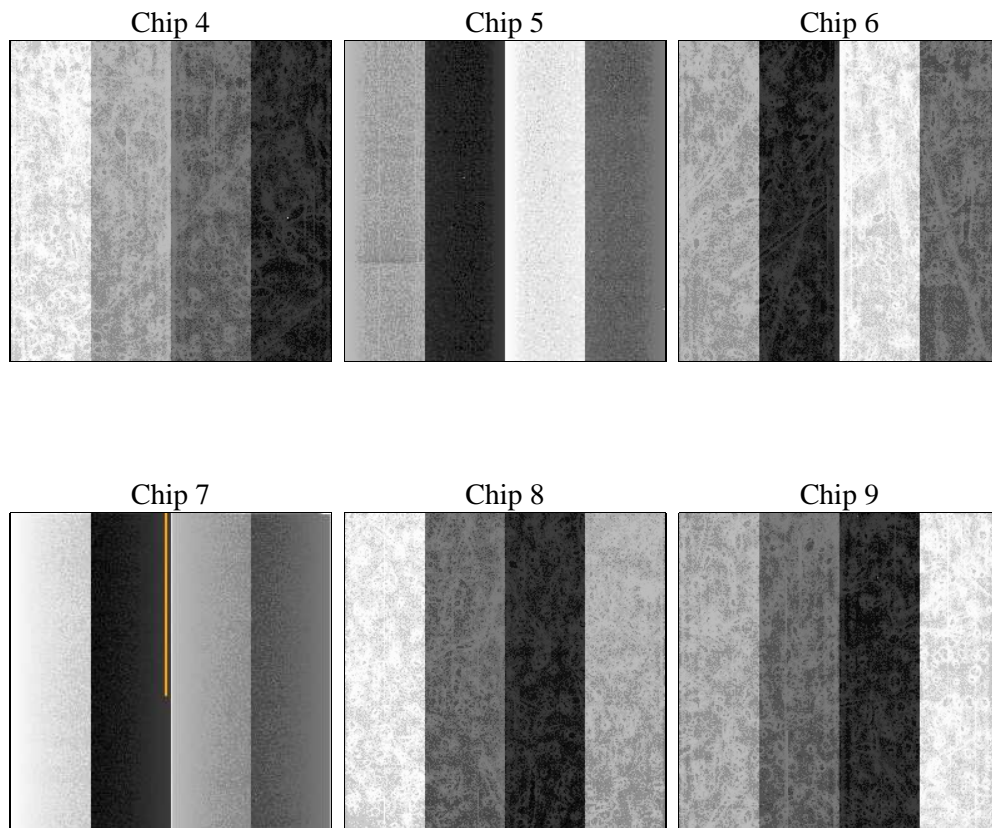
2 OBI

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	8.5.1.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	7163.1694428027	Sum of GTIs [s]
date	2012-12-31T03:09:13	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7655.797008723	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	7798.3999709487	Sum of GTIs [s]
			ontime9	7484.0257319212	Sum of GTIs [s]
			l1events	1398415	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	212369	239096	230849	244547	249719	221835	grade 0 events	88842	42285	93621	45499	98323	89340
rejected events	60155	55910	57754	50010	65830	58723		41%	17%	40%	18%	39%	40%
rejected %	28%	23%	25%	20%	26%	26%	grade 1 events	694	236	493	154	542	539
								0%	0%	0%	0%	0%	0%
							grade 2 events	23994	63795	30254	42734	32724	28148
								11%	26%	13%	17%	13%	12%
							grade 3 events	9926	10310	10930	19312	12176	10484
								4%	4%	4%	7%	4%	4%
							grade 4 events	10142	10292	10803	19304	12225	10509
								4%	4%	4%	7%	4%	4%
							grade 5 events	3309	8639	3773	8537	4367	3891
								1%	3%	1%	3%	1%	1%
							grade 6 events	19310	56504	27487	67688	28441	24631
								9%	23%	11%	27%	11%	11%
							grade 7 events	56152	47035	53488	41319	60921	54293
								26%	19%	23%	16%	24%	24%

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	0.02380911417077414	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.01584395401682896	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	293.5351030814028			
[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)	246727699.763528	246727698.73852			
Observation start date	2005-10-26T15:28:20	2005-10-26T15:28:18			
[s] Observation end time (MET)	246747789.764454	246747788.73945			
Observation end date	2005-10-26T21:03:10	2005-10-26T21:03:08			
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)	2013.01.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments