

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59277 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 17 2012

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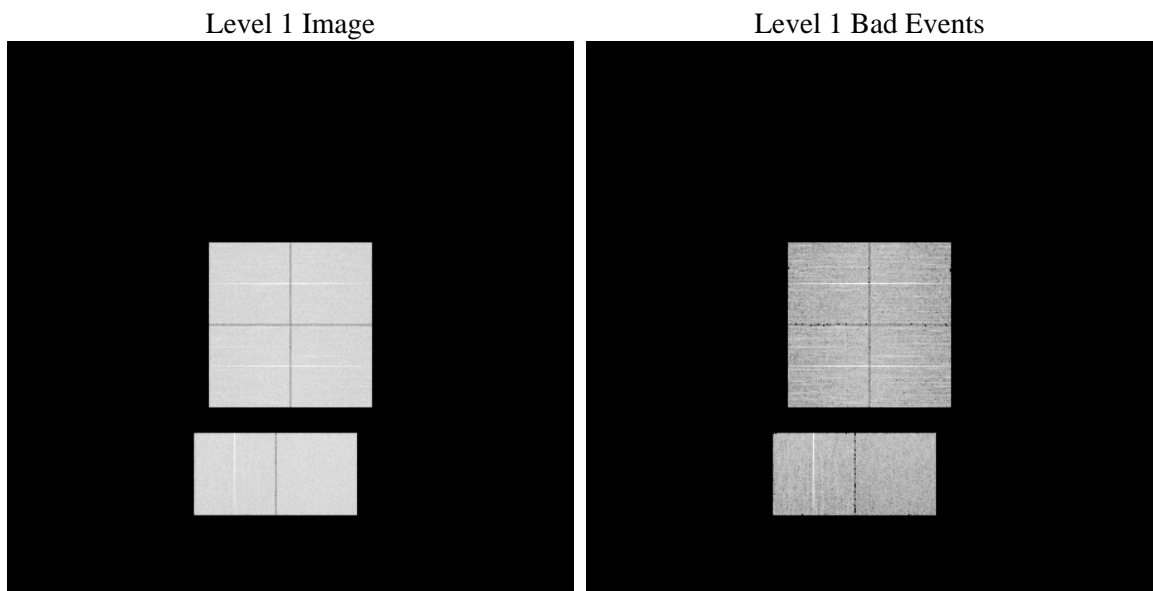
1 Front

seq_num	 	Sequence number
obs_id	59277	Observation id
title	ACIS-012367 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	84.509372321645	Nominal RA [deg]
dec_nom	-0.4729522268423	Nominal Dec [deg]
roll_nom	38.021027129985	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7801.0687915087	Sum of GTIs [s]
livetime	7702.2869612309	Livetime [s]
ontime0	7801.0277515054	Sum of GTIs [s]
ontime1	7800.9867115021	Sum of GTIs [s]
ontime2	7800.9456714988	Sum of GTIs [s]
ontime3	7801.0982508659	Sum of GTIs [s]
ontime6	7800.9046315253	Sum of GTIs [s]
ontime7	7801.0687915087	Sum of GTIs [s]
l2events	970049	Number of level 2 events

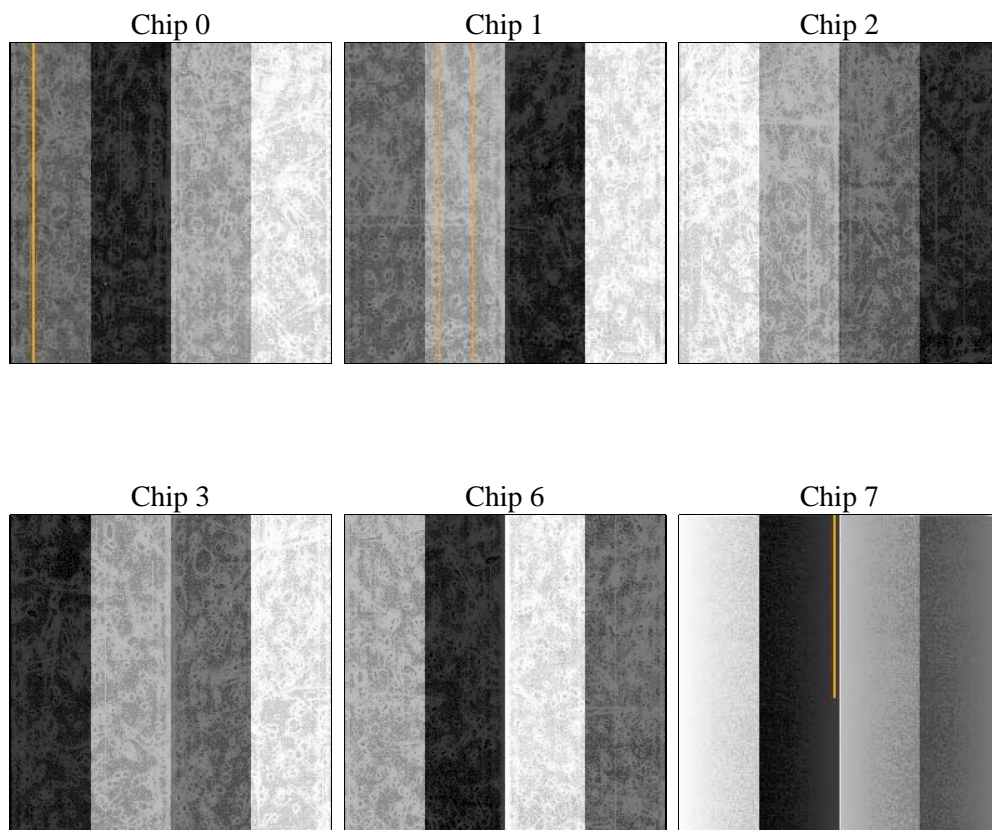
2 OBI

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	8.4.3	Processing system revision	ontime	7801.0687915087	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	7801.0277515054	Sum of GTIs [s]
date	2012-03-17T18:43:35	Date and time of file creation	ontime1	7800.9867115021	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7800.9456714988	Sum of GTIs [s]
			ontime3	7801.0982508659	Sum of GTIs [s]
			ontime6	7800.9046315253	Sum of GTIs [s]
			ontime7	7801.0687915087	Sum of GTIs [s]
			l1events	1372429	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	221410	220297	228875	226492	233603	241752	grade 0 events	89965	89272	92205	92453	93050	44498
rejected events	57480	55925	63701	61328	61250	51083		40%	40%	40%	40%	39%	18%
rejected %	25%	25%	27%	27%	26%	21%	grade 1 events	541	522	608	603	468	154
								0%	0%	0%	0%	0%	0%
							grade 2 events	28667	29566	27524	28256	30147	42068
								12%	13%	12%	12%	12%	17%
							grade 3 events	10607	10578	10905	10775	10839	18963
								4%	4%	4%	4%	4%	7%
							grade 4 events	10578	10490	11037	10829	10798	18812
								4%	4%	4%	4%	4%	7%
							grade 5 events	3440	3554	3283	3780	3782	8917
								1%	1%	1%	1%	1%	3%
							grade 6 events	24113	24466	23503	22851	27519	66328
								10%	11%	10%	10%	11%	27%
							grade 7 events	53499	51849	59810	56945	57000	42012
								24%	23%	26%	25%	24%	17%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	84.50937232164539	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-0.4729522268422953	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	38.0210271299853			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	249703297.450848	249703296.42586			
Observation start date	2005-11-30T02:01:37	2005-11-30T02:01:36			
[s] Observation end time (MET)	249741890.75263	249741889.72765			
Observation end date	2005-11-30T12:44:51	2005-11-30T12:44:49			
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8010687915087

A.2 Comments