

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59639 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 24 2012

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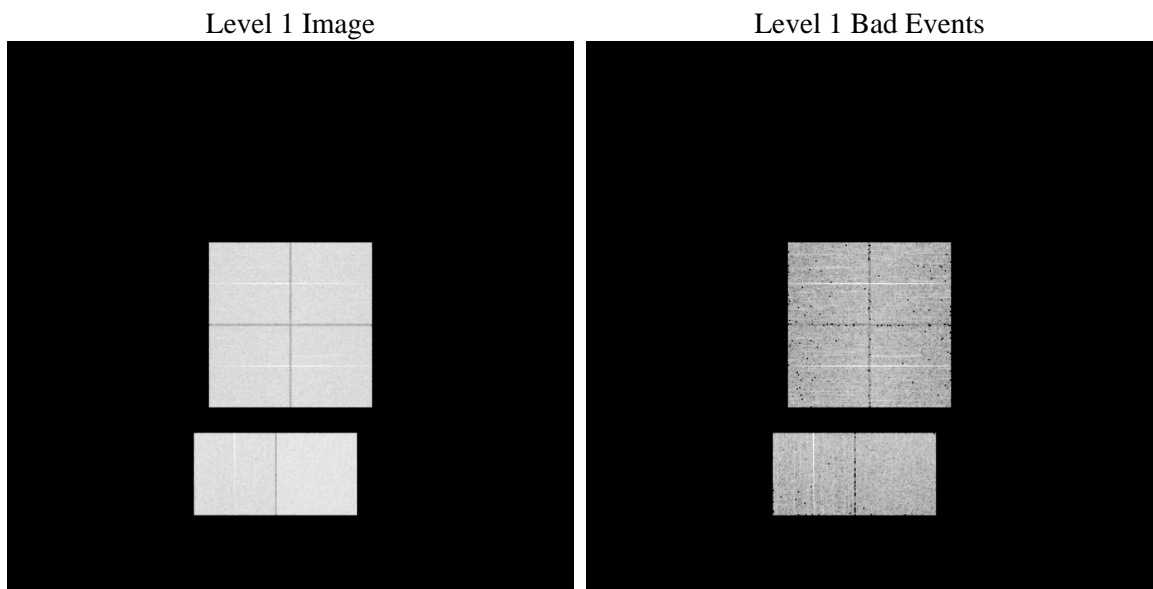
1 Front

seq_num	 	Sequence number
obs_id	59639	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	276.48394250375	Nominal RA [deg]
dec_nom	-24.475967635107	Nominal Dec [deg]
roll_nom	90.141307785654	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5647.9999789596	Sum of GTIs [s]
livetime	5576.4816024087	Livetime [s]
ontime0	4371.0517116189	Sum of GTIs [s]
ontime1	4430.0453186631	Sum of GTIs [s]
ontime2	4290.723927319	Sum of GTIs [s]
ontime3	4391.030654043	Sum of GTIs [s]
ontime6	4594.6794731319	Sum of GTIs [s]
ontime7	5647.9999789596	Sum of GTIs [s]
l2events	782725	Number of level 2 events

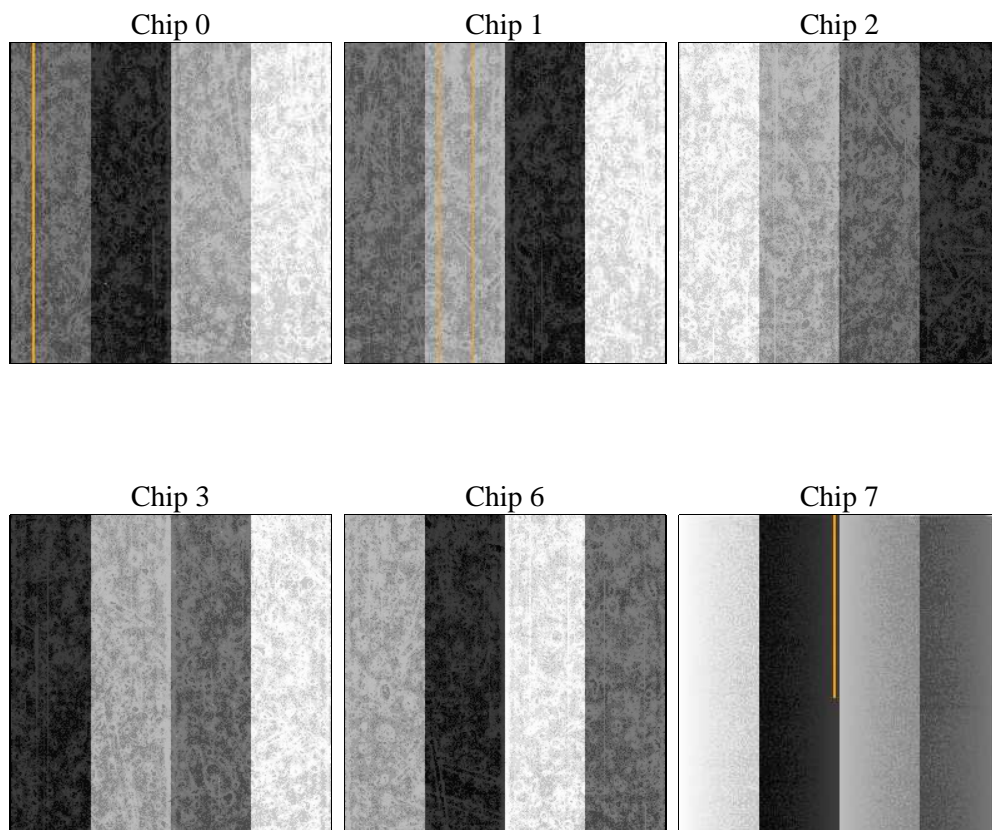
2 OBI

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	8.5.1.1	Processing system revision	ontime	5647.9999789596	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	4371.0517116189	Sum of GTIs [s]
date	2012-12-24T07:39:45	Date and time of file creation	ontime1	4430.0453186631	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4290.723927319	Sum of GTIs [s]
			ontime3	4391.030654043	Sum of GTIs [s]
			ontime6	4594.6794731319	Sum of GTIs [s]
			ontime7	5647.9999789596	Sum of GTIs [s]
			l1events	1030272	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	158649	162121	156609	162469	176439	213985	grade 0 events	68039	68858	68152	70813	72956	43311
rejected events	32846	33433	33533	34132	38042	36530		42%	42%	43%	43%	41%	20%
rejected %	20%	20%	21%	21%	21%	17%	grade 1 events	430	363	478	491	439	131
								0%	0%	0%	0%	0%	0%
							grade 2 events	21663	23251	20558	21585	23846	38933
								13%	14%	13%	13%	13%	18%
							grade 3 events	8028	7953	8037	8187	8443	16764
								5%	4%	5%	5%	4%	7%
							grade 4 events	7860	7834	7865	8242	8428	16617
								4%	4%	5%	5%	4%	7%
							grade 5 events	2011	1983	1928	2156	2316	6262
								1%	1%	1%	1%	1%	2%
							grade 6 events	20213	20792	18464	19510	24724	61830
								12%	12%	11%	12%	14%	28%
							grade 7 events	30405	31087	31127	31485	35287	30137
								19%	19%	19%	19%	19%	14%

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	276.4839425037499	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-24.47596763510699	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	90.14130778565398			
[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)	233941492.477259	233941491.45227			
Observation start date	2005-05-31T15:44:52	2005-05-31T15:44:51			
[s] Observation end time (MET)	233954177.877837	233954176.85285			
Observation end date	2005-05-31T19:16:18	2005-05-31T19:16:16			
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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6479999789596

A.2 Comments