

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59776 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 18 2012

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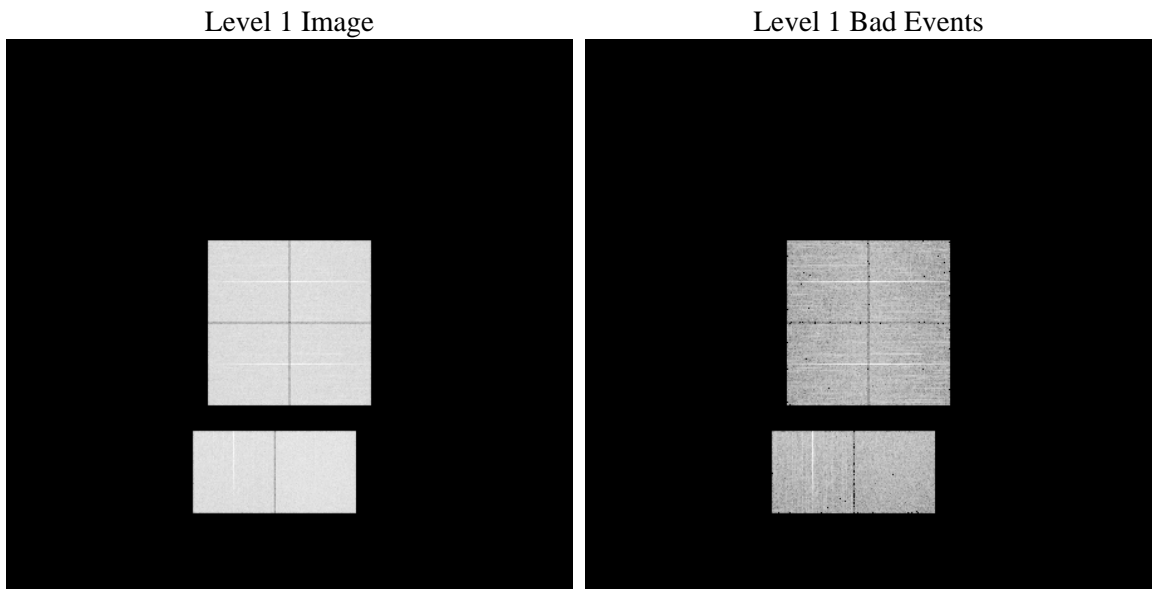
1 Front

seq_num	 	Sequence number
obs_id	59776	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	168.9693529973	Nominal RA [deg]
dec_nom	20.99933967886	Nominal Dec [deg]
roll_nom	148.51421161973	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7801.5999709368	Sum of GTIs [s]
livetime	7702.8114145452	Livetime [s]
ontime0	6881.1644876897	Sum of GTIs [s]
ontime1	7059.4180040658	Sum of GTIs [s]
ontime2	6787.1764900088	Sum of GTIs [s]
ontime3	6783.0760614276	Sum of GTIs [s]
ontime6	7270.0813014507	Sum of GTIs [s]
ontime7	7801.5999709368	Sum of GTIs [s]
l2events	1059749	Number of level 2 events

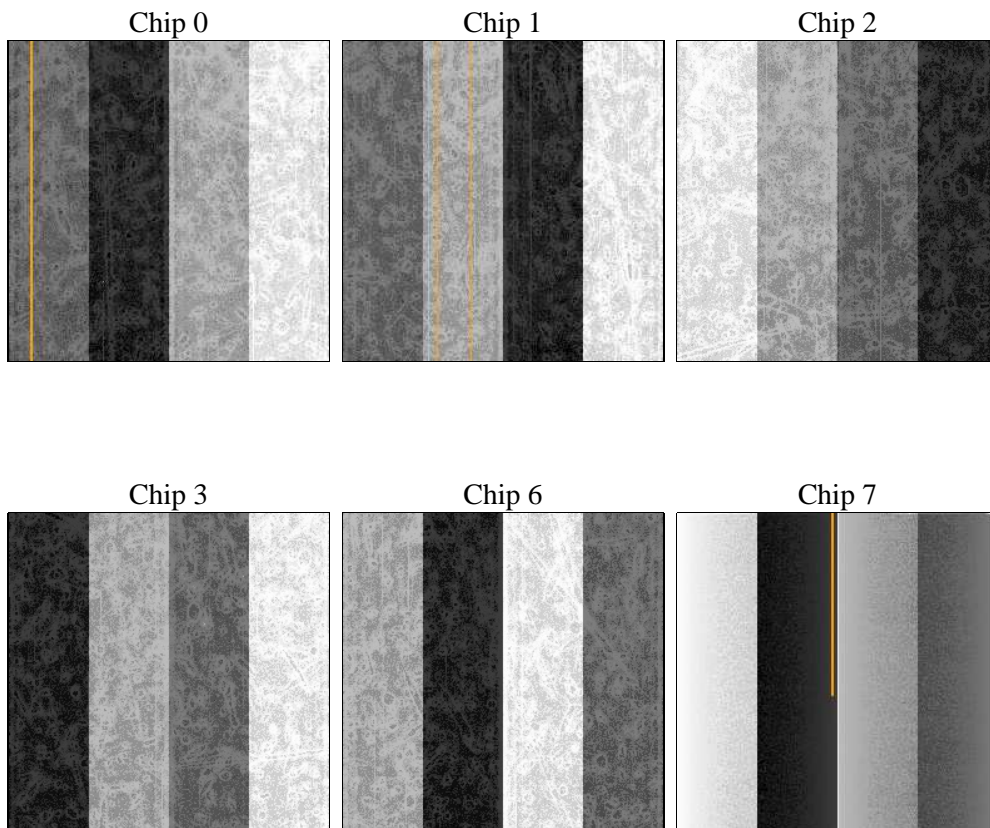
2 OBI

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	7801.5999709368	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	6881.1644876897	Sum of GTIs [s]
date	2012-12-18T05:50:09	Date and time of file creation	ontime1	7059.4180040658	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6787.1764900088	Sum of GTIs [s]
			ontime3	6783.0760614276	Sum of GTIs [s]
			ontime6	7270.0813014507	Sum of GTIs [s]
			ontime7	7801.5999709368	Sum of GTIs [s]
			l1events	1407676	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	220006	225399	221809	224164	246486	269812	grade 0 events	94919	97478	97742	97274	104740	53165
rejected events	46918	47382	47931	50448	53308	47925		43%	43%	44%	43%	42%	19%
rejected %	21%	21%	21%	22%	21%	17%	grade 1 events	578	477	600	579	590	190
								0%	0%	0%	0%	0%	0%
							grade 2 events	30470	31703	29524	29756	33495	48829
								13%	14%	13%	13%	13%	18%
							grade 3 events	11157	11339	11399	11492	11897	22044
								5%	5%	5%	5%	4%	8%
							grade 4 events	11262	11412	11186	11373	12168	21879
								5%	5%	5%	5%	4%	8%
							grade 5 events	2947	3185	2867	3160	3532	8592
								1%	1%	1%	1%	1%	3%
							grade 6 events	25366	26168	24110	23821	30965	76075
								11%	11%	10%	10%	12%	28%
							grade 7 events	43307	43637	44381	46709	49099	39038
								19%	19%	20%	20%	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	168.9693529973022	Alternating exposures requested	N	N
[deg] Pointing Dec	0	20.99933967885957	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	148.5142116197268			
[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)	225943169.063722	225943168.03873			
Observation start date	2005-02-28T01:59:29	2005-02-28T01:59:28			
[s] Observation end time (MET)	225956858.964342	225956857.93935			
Observation end date	2005-02-28T05:47:39	2005-02-28T05:47:37			
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	7.8015999709368

A.2 Comments