

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60948 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 18 2012

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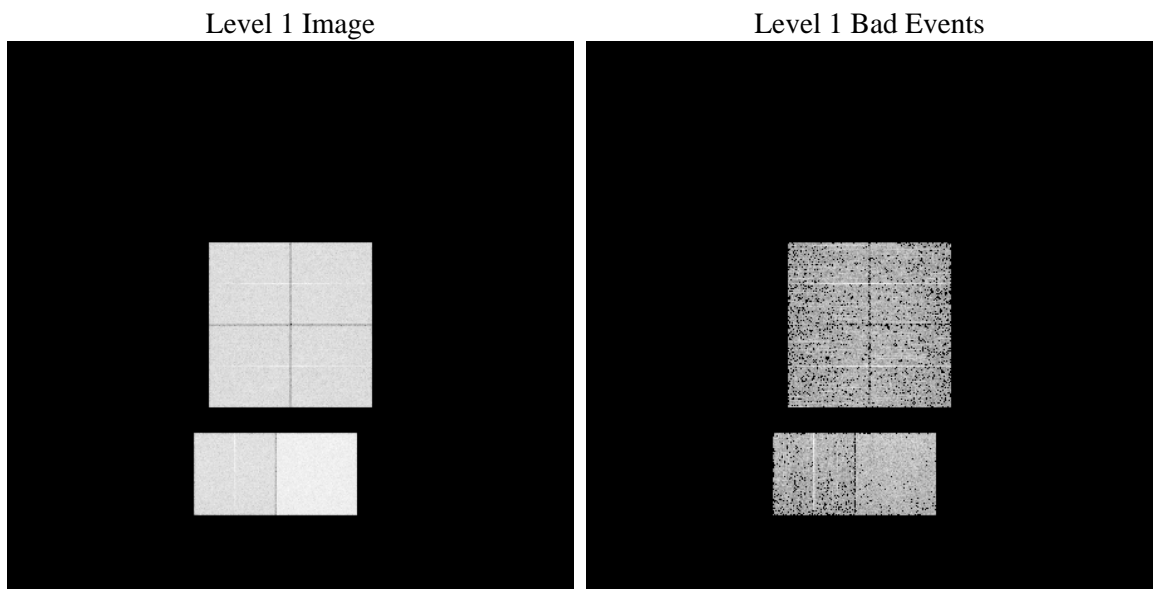
1 Front

seq_num	 	Sequence number
obs_id	60948	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	84.309137202399	Nominal RA [deg]
dec_nom	-3.4729173205871	Nominal Dec [deg]
roll_nom	38.273296484966	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4067.1999848485	Sum of GTIs [s]
livetime	4015.6986496665	Livetime [s]
ontime0	2177.7160027027	Sum of GTIs [s]
ontime1	2180.1851124465	Sum of GTIs [s]
ontime2	2063.5510846376	Sum of GTIs [s]
ontime3	2096.6914380491	Sum of GTIs [s]
ontime6	2249.0176571012	Sum of GTIs [s]
ontime7	4067.1999848485	Sum of GTIs [s]
l2events	639754	Number of level 2 events

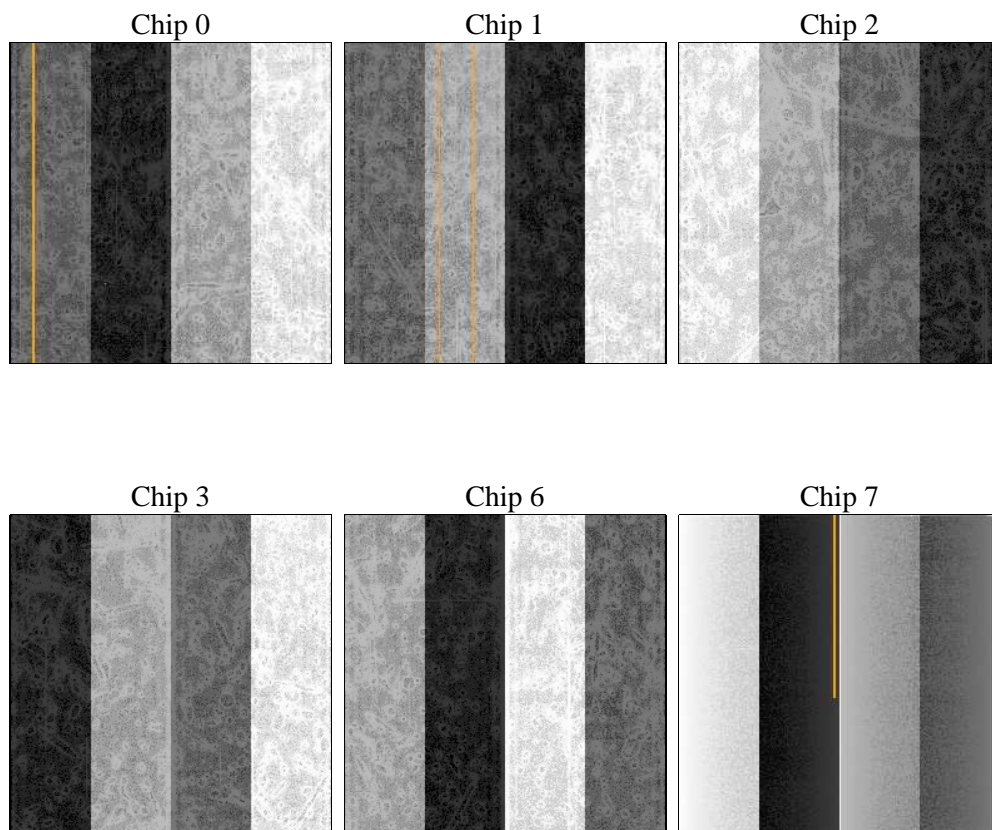
2 OBI

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	8.4.5	Processing system revision	ontime	4067.1999848485	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	2177.7160027027	Sum of GTIs [s]
date	2012-10-18T03:57:52	Date and time of file creation	ontime1	2180.1851124465	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2063.5510846376	Sum of GTIs [s]
			ontime3	2096.6914380491	Sum of GTIs [s]
			ontime6	2249.0176571012	Sum of GTIs [s]
			ontime7	4067.1999848485	Sum of GTIs [s]
			l1events	763127	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	110445	110422	106653	107799	119412	208396	grade 0 events	52955	53034	51933	52695	56908	47371
rejected events	14716	14420	14406	14492	15360	21013		47%	48%	48%	48%	47%	22%
rejected %	13%	13%	13%	13%	12%	10%	grade 1 events	308	269	330	331	258	138
								0%	0%	0%	0%	0%	0%
							grade 2 events	16846	17030	15710	15934	18174	41241
								15%	15%	14%	14%	15%	19%
							grade 3 events	6259	6087	6073	5990	6378	19065
								5%	5%	5%	5%	5%	9%
							grade 4 events	6265	5968	6027	6182	6449	18998
								5%	5%	5%	5%	5%	9%
							grade 5 events	1047	997	977	1006	1117	4069
								0%	0%	0%	0%	0%	1%
							grade 6 events	13851	14172	12764	12942	16625	61167
								12%	12%	11%	12%	13%	29%
							grade 7 events	12914	12865	12839	12719	13503	16347
								11%	11%	12%	11%	11%	7%

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	84.30913720239946	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.472917320587078	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	38.27329648496612			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	154841646.569934	154841645.54522			
Observation start date	2002-11-28T03:34:07	2002-11-28T03:34:05			
[s] Observation end time (MET)	154846134.020121	154846132.99541			
Observation end date	2002-11-28T04:48:54	2002-11-28T04:48:52			
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)	2012.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0671999848485

A.2 Comments