

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58030 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 7 2012

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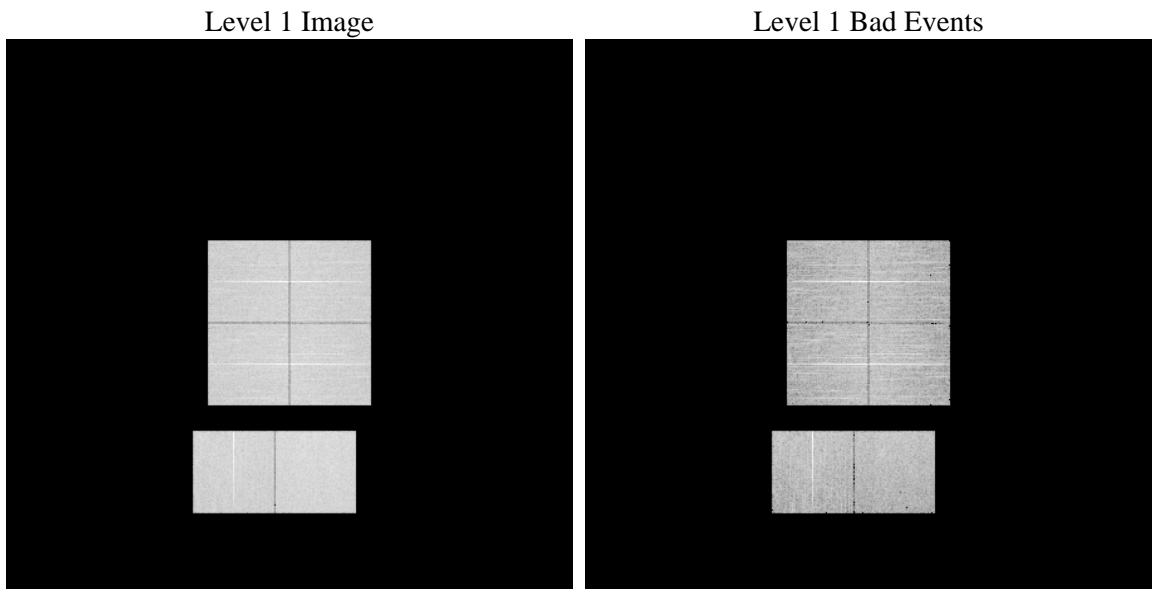
1 Front

seq_num	 	Sequence number
obs_id	58030	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	33.351593932876	Nominal RA [deg]
dec_nom	37.32093059254	Nominal Dec [deg]
roll_nom	272.14205190789	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7199.6814751029	Sum of GTIs [s]
livetime	7108.5147731374	Livetime [s]
ontime0	7199.6404350996	Sum of GTIs [s]
ontime1	7199.5993950963	Sum of GTIs [s]
ontime2	7199.558355093	Sum of GTIs [s]
ontime3	7199.7225151062	Sum of GTIs [s]
ontime6	7199.5173150897	Sum of GTIs [s]
ontime7	7199.6814751029	Sum of GTIs [s]
l2events	561496	Number of level 2 events

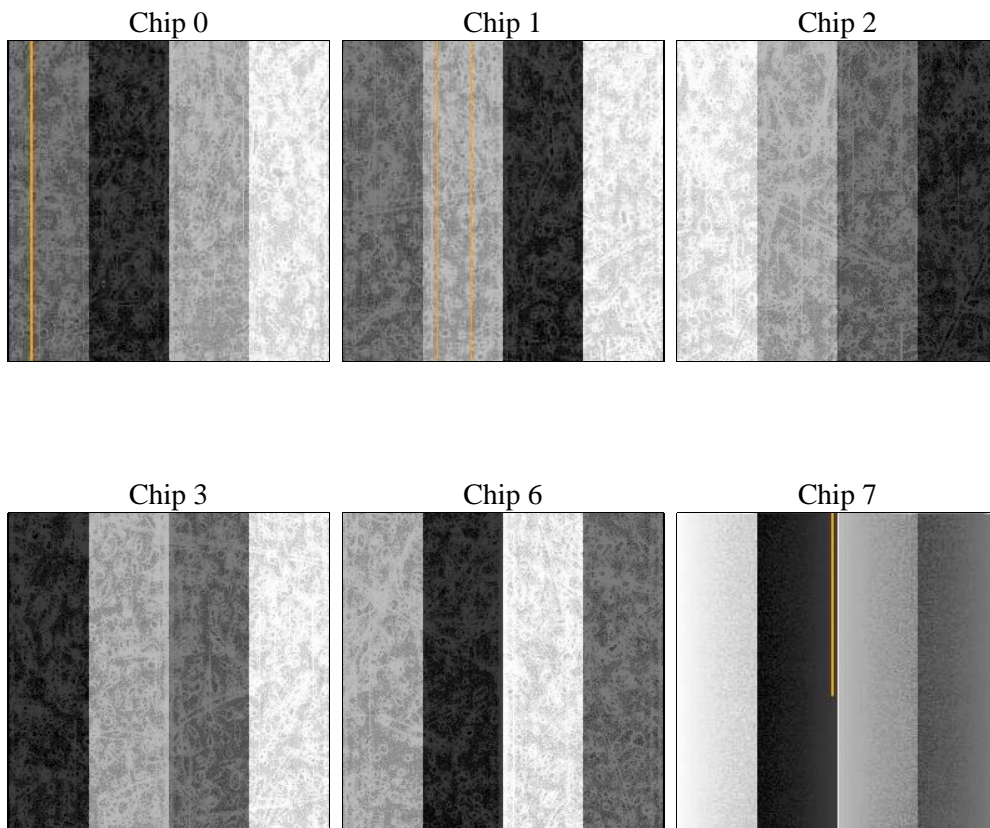
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3840	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7199.6814751029	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7199.6404350996	Sum of GTIs [s]
date	2012-05-07T17:09:32	Date and time of file creation	ontime1	7199.5993950963	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7199.558355093	Sum of GTIs [s]
			ontime3	7199.7225151062	Sum of GTIs [s]
			ontime6	7199.5173150897	Sum of GTIs [s]
			ontime7	7199.6814751029	Sum of GTIs [s]
			l1events	991495	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	156832	157042	162327	163693	165298	186303	grade 0 events	50517	49888	51882	51887	52055	25463
rejected events	64684	64397	69331	70150	68620	61844		32%	31%	31%	31%	31%	13%
rejected %	41%	41%	42%	42%	41%	33%	grade 1 events	366	286	478	414	339	139
								0%	0%	0%	0%	0%	0%
							grade 2 events	16697	17422	16040	16390	17264	27600
								10%	11%	9%	10%	10%	14%
							grade 3 events	6299	6205	6483	6563	6264	11921
								4%	3%	3%	4%	3%	6%
							grade 4 events	6275	6191	6504	6418	6412	11791
								4%	3%	4%	3%	3%	6%
							grade 5 events	3548	3704	3261	4057	3918	9932
								2%	2%	2%	2%	2%	5%
							grade 6 events	13780	14364	13475	13628	16142	49527
								8%	9%	8%	8%	9%	26%
							grade 7 events	59350	58982	64204	64336	62904	49930
								37%	37%	39%	39%	38%	26%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	232.3921074668433	33.35159393287551
[deg] Pointing Dec	37.32093085283459	37.32093059254025
[deg] Pointing Roll	272.1420519613825	272.1420519078866
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	315775575.477123	315775575.477123
Observation start date	2008-01-03T19:55:00	2008-01-03T19:26:15
[s] Observation end time (MET)	315789708.199118	315789708.199118
Observation end date	2008-01-03T20:59:00	2008-01-03T23:21:48
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.1996814751029

A.2 Comments