

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57461 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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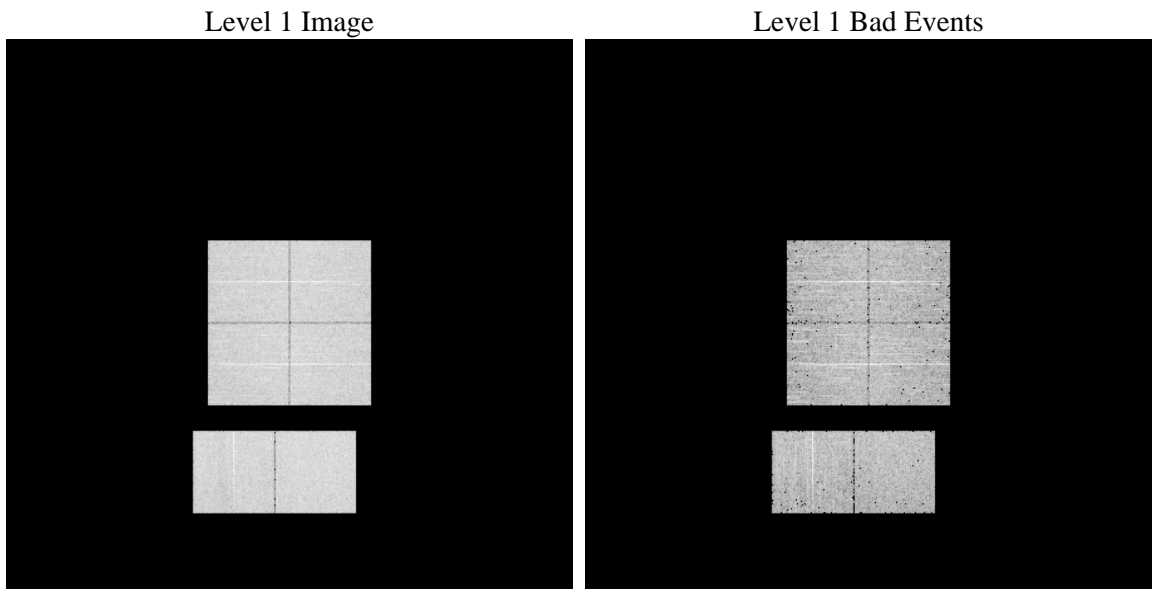
1 Front

seq_num	 	Sequence number
obs_id	57461	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	66.96850090504	Nominal RA [deg]
dec_nom	46.977139822116	Nominal Dec [deg]
roll_nom	194.76548245127	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2579.1999904513	Sum of GTIs [s]
livetime	2546.5406071645	Livetime [s]
ontime0	2365.2959493399	Sum of GTIs [s]
ontime1	2404.1878022552	Sum of GTIs [s]
ontime2	2348.1789439917	Sum of GTIs [s]
ontime3	2413.9106337428	Sum of GTIs [s]
ontime6	2420.3924847841	Sum of GTIs [s]
ontime7	2579.1999904513	Sum of GTIs [s]
l2events	302132	Number of level 2 events

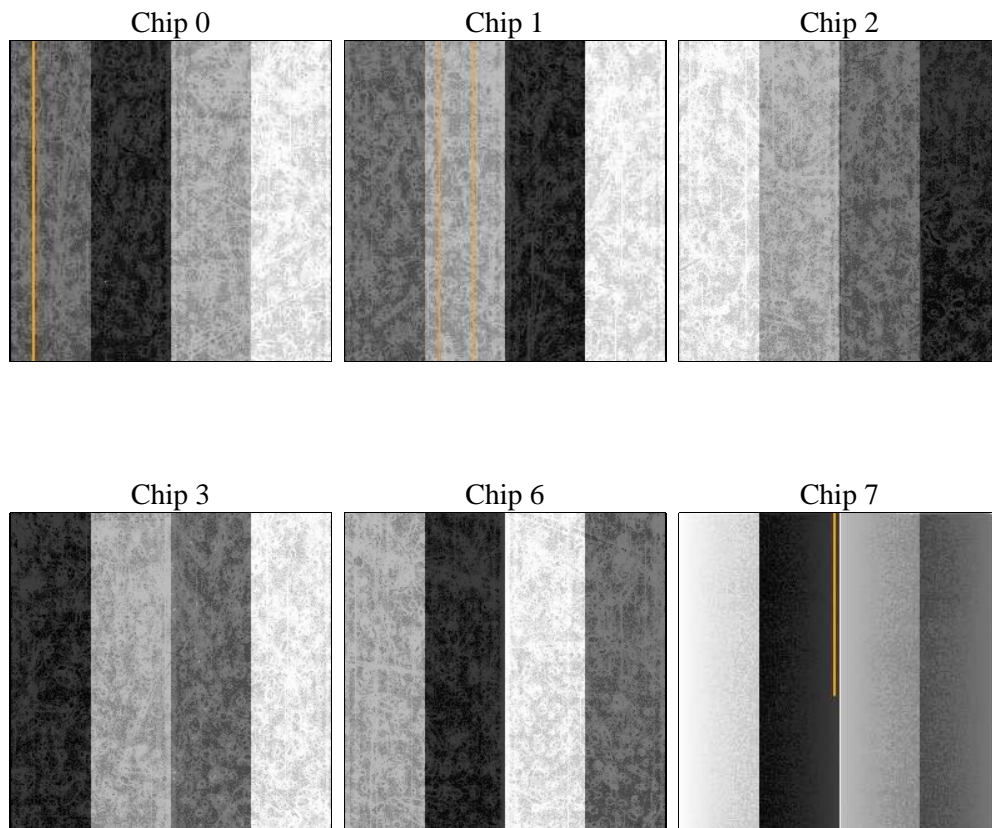
2 OBI

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	8.4.4	Processing system revision	ontime	2579.1999904513	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	2365.2959493399	Sum of GTIs [s]
date	2012-05-25T20:47:52	Date and time of file creation	ontime1	2404.1878022552	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2348.1789439917	Sum of GTIs [s]
			ontime3	2413.9106337428	Sum of GTIs [s]
			ontime6	2420.3924847841	Sum of GTIs [s]
			ontime7	2579.1999904513	Sum of GTIs [s]
			l1events	509593	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	82323	83264	81429	84349	85065	93163
rejected events	31653	30707	32832	32484	32784	30862
rejected %	38%	36%	40%	38%	38%	33%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	28174	28036	28305	29732	27908	15288
	34%	33%	34%	35%	32%	16%
grade 1 events	264	208	262	247	188	75
	0%	0%	0%	0%	0%	0%
grade 2 events	9710	11336	8794	9413	10181	14563
	11%	13%	10%	11%	11%	15%
grade 3 events	3509	3389	3179	3506	3334	5707
	4%	4%	3%	4%	3%	6%
grade 4 events	3375	3326	3274	3573	3348	5640
	4%	3%	4%	4%	3%	6%
grade 5 events	1436	1516	1304	1638	1598	3987
	1%	1%	1%	1%	1%	4%
grade 6 events	10033	10728	9072	9968	12107	26812
	12%	12%	11%	11%	14%	28%
grade 7 events	25822	24725	27239	26272	26401	21091
	31%	29%	33%	31%	31%	22%

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	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	66.96850104648225	66.96850090504023	Subarray requested	NONE	NONE
[deg] Pointing Dec	46.97713980839769	46.97713982211576	Alternating exposures requested	N	N
[deg] Pointing Roll	194.7654823045825	194.7654824512689	[s] Primary exposure time	3.2	3.2
[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)	344978599.015053	344978599.015053			
Observation start date	2008-12-06T20:00:00	2008-12-06T19:23:19			
[s] Observation end time (MET)	344983117.506326	344983117.506326			
Observation end date	2008-12-06T20:00:00	2008-12-06T20:38:37			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.5791999904513

A.2 Comments