

# V&V Reference Report

## L2 ASCDS Version : 8.5.1

Observation 62832 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 16 2012

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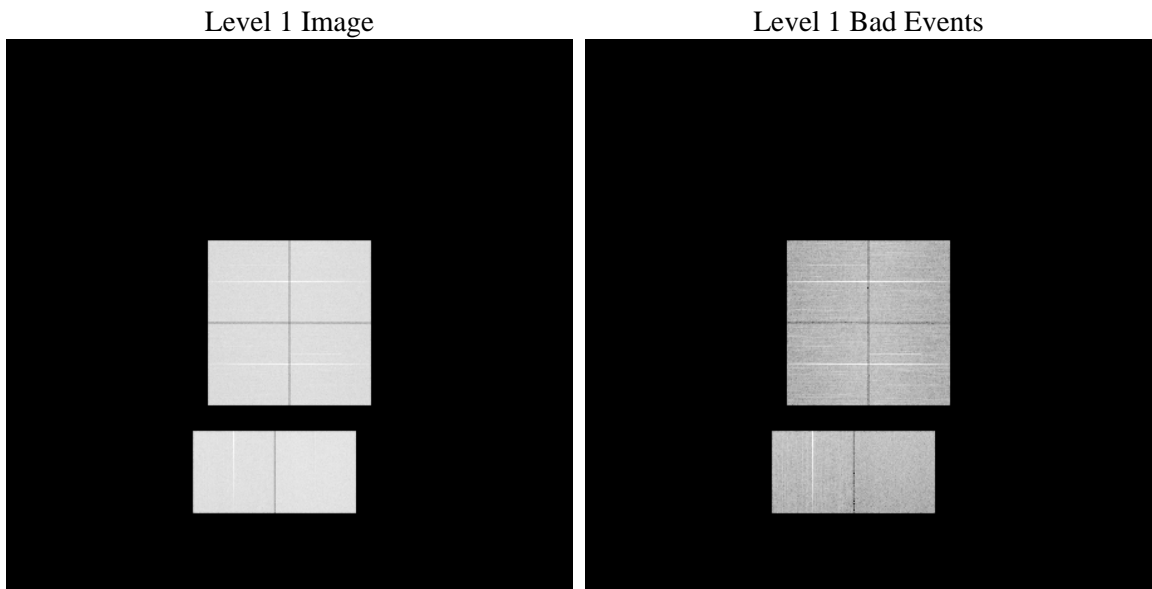
# 1 Front

seq_num	&#160	Sequence number
obs_id	62832	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	&#160	Source name
dtcycle	0	&#160
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	134.0091415521	Nominal RA [deg]
dec_nom	9.0271662739094	Nominal Dec [deg]
roll_nom	38.779883565465	Nominal Roll [deg]
revision	3	Processing version of data
ontime	20498.160741299	Sum of GTIs [s]
livetime	20238.600687482	Livetime [s]
ontime0	17475.527155787	Sum of GTIs [s]
ontime1	18029.77528441	Sum of GTIs [s]
ontime2	17114.830790758	Sum of GTIs [s]
ontime3	17349.130489349	Sum of GTIs [s]
ontime6	18813.059721887	Sum of GTIs [s]
ontime7	20498.160741299	Sum of GTIs [s]
l2events	2773271	Number of level 2 events

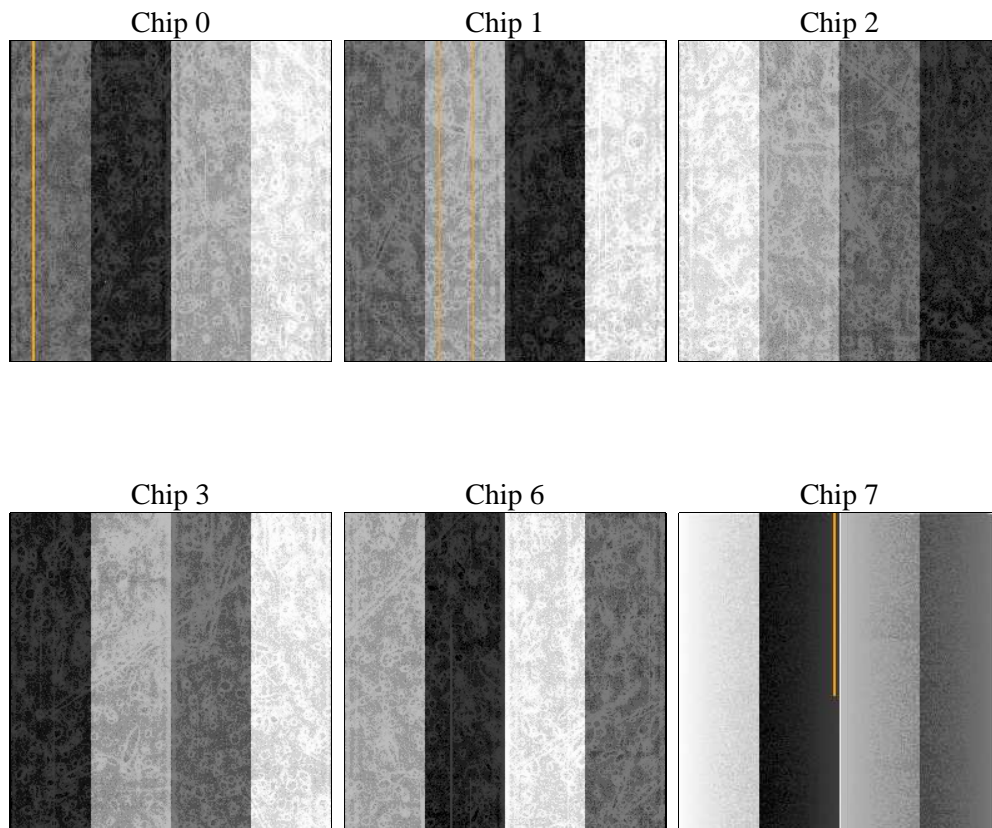
## 2 OBI

### 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	20498.160741299	Sum of GTIs [s]
caldsver	4.5.5	&#160	ontime0	17475.527155787	Sum of GTIs [s]
date	2012-12-16T14:44:32	Date and time of file creation	ontime1	18029.77528441	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	17114.830790758	Sum of GTIs [s]
			ontime3	17349.130489349	Sum of GTIs [s]
			ontime6	18813.059721887	Sum of GTIs [s]
			ontime7	20498.160741299	Sum of GTIs [s]
			l1events	3654207	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	568808	589477	570311	580781	643639	701191	grade 0 events	247292	255029	249575	254020	276094	140989
rejected events	118526	123183	124100	127451	134191	113339		43%	43%	43%	43%	42%	20%
rejected %	20%	20%	21%	21%	20%	16%	grade 1 events	1532	1409	1618	1603	1428	450
								0%	0%	0%	0%	0%	0%
							grade 2 events	78706	82920	75215	77339	88156	129215
								13%	14%	13%	13%	13%	18%
							grade 3 events	29194	29863	29474	29807	31790	58527
								5%	5%	5%	5%	4%	8%
							grade 4 events	29396	29891	29055	30020	32044	58216
								5%	5%	5%	5%	4%	8%
							grade 5 events	7102	7426	6694	7437	8128	20192
								1%	1%	1%	1%	1%	2%
							grade 6 events	65694	68644	62892	62144	81364	200986
								11%	11%	11%	10%	12%	28%
							grade 7 events	109892	114295	115788	118411	124635	92616
								19%	19%	20%	20%	19%	13%

## 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	0	134.0091415520981
[deg] Pointing Dec	0	9.027166273909401
[deg] Pointing Roll	0.0	38.77988356546496
[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)	222821547.822527	222821546.79751
Observation start date	2005-01-22T22:52:28	2005-01-22T22:52:26
[s] Observation end time (MET)	222844983.423584	222844982.39857
Observation end date	2005-01-23T05:23:03	2005-01-23T05:23:02
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.498160741299

### A.2 Comments