

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 58906 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Apr 4 2012

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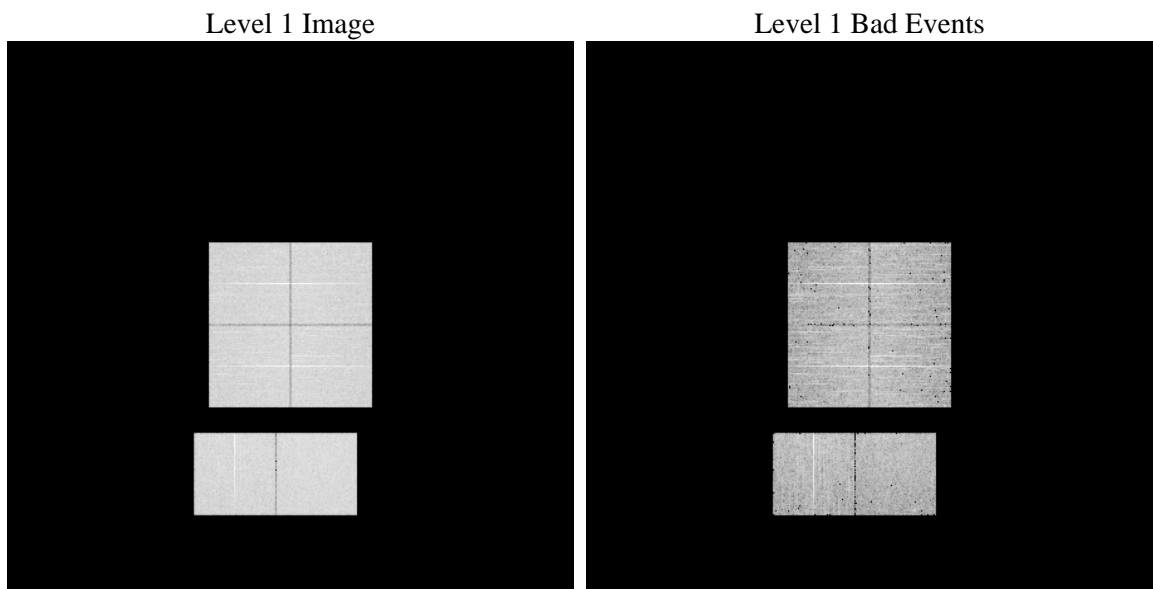
# 1 Front

seq_num	&#160	Sequence number
obs_id	58906	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	289.42871779705	Nominal RA [deg]
dec_nom	-53.177199754836	Nominal Dec [deg]
roll_nom	19.988024436155	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4854.399981916	Sum of GTIs [s]
livetime	4792.9306463762	Livetime [s]
ontime0	4854.399981916	Sum of GTIs [s]
ontime1	4854.399981916	Sum of GTIs [s]
ontime2	4854.399981916	Sum of GTIs [s]
ontime3	4854.399981916	Sum of GTIs [s]
ontime6	4854.399981916	Sum of GTIs [s]
ontime7	4854.399981916	Sum of GTIs [s]
l2events	575949	Number of level 2 events

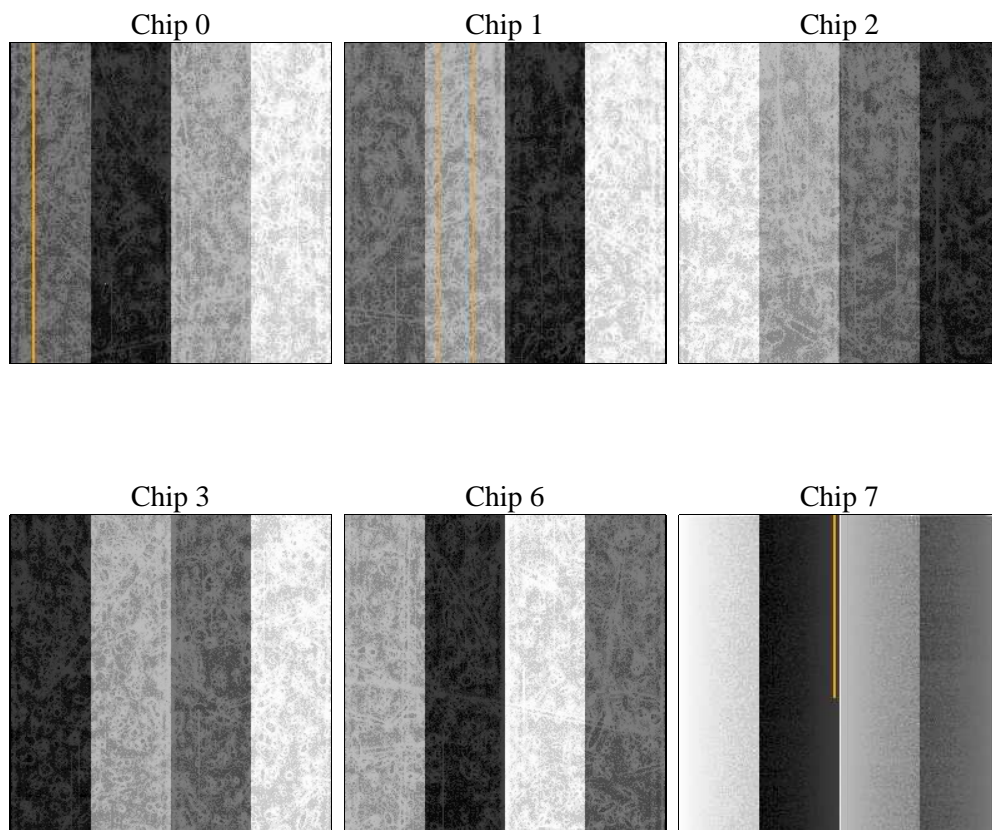
## 2 OBI

### 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	8.4.3.1	Processing system revision	ontime	4854.399981916	Sum of GTIs [s]
caldsver	4.4.9	&#160	ontime0	4854.399981916	Sum of GTIs [s]
date	2012-04-04T06:33:33	Date and time of file creation	ontime1	4854.399981916	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	4854.399981916	Sum of GTIs [s]
			ontime3	4854.399981916	Sum of GTIs [s]
			ontime6	4854.399981916	Sum of GTIs [s]
			ontime7	4854.399981916	Sum of GTIs [s]
			l1events	856827	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	136323	138695	140921	142514	145619	152755	grade 0 events	52412	52087	53238	53908	54157	26377
rejected events	39789	40997	44533	44721	43594	36808		38%	37%	37%	37%	37%	17%
rejected %	29%	29%	31%	31%	29%	24%	grade 1 events	366	330	392	407	323	113
								0%	0%	0%	0%	0%	0%
							grade 2 events	16830	17914	16203	16562	17644	25230
								12%	12%	11%	11%	12%	16%
							grade 3 events	6235	6247	6291	6538	6519	11101
								4%	4%	4%	4%	4%	7%
							grade 4 events	6103	6226	6434	6546	6381	11176
								4%	4%	4%	4%	4%	7%
							grade 5 events	2395	2494	2216	2530	2583	6202
								1%	1%	1%	1%	1%	4%
							grade 6 events	14954	15224	14222	14239	17324	42063
								10%	10%	10%	9%	11%	27%
							grade 7 events	37028	38173	41925	41784	40688	30493
								27%	27%	29%	29%	27%	19%

## 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	289.4287177970515
[deg] Pointing Dec	0	-53.17719975483614
[deg] Pointing Roll	0.0	19.98802443615477
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	267983103.201095	267983102.17612
Observation start date	2006-06-29T15:45:03	2006-06-29T15:45:02
[s] Observation end time (MET)	267994269.551617	267994268.52664
Observation end date	2006-06-29T18:51:10	2006-06-29T18:51:08
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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.854399981916

### A.2 Comments