

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 60351 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : May 31 2006

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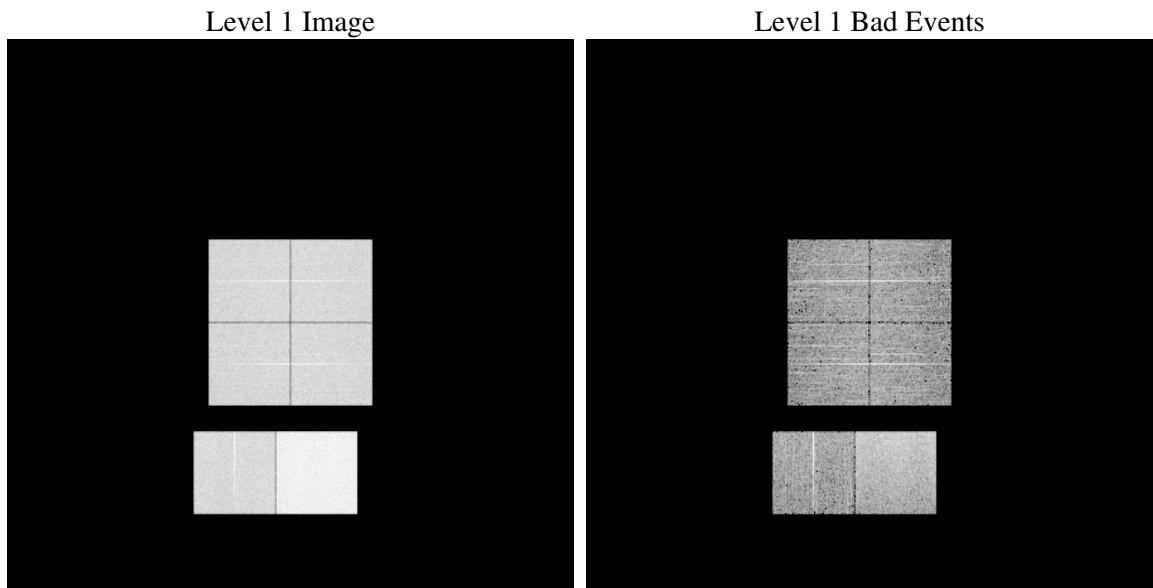
# 1 Front

seq_num	&#160
obs_id	60351
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	&#160
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	164.0261995957
dec_nom	-23.984362787879
roll_nom	0.2538994716881
revision	2
ontime	7746.503406167
livetime	7648.4125156538
ontime0	4395.3302500546
ontime1	4467.3416623175
ontime2	4265.6910413504
ontime3	4369.9883977771
ontime6	4493.3505675793
ontime7	7746.503406167
l2events	1139429

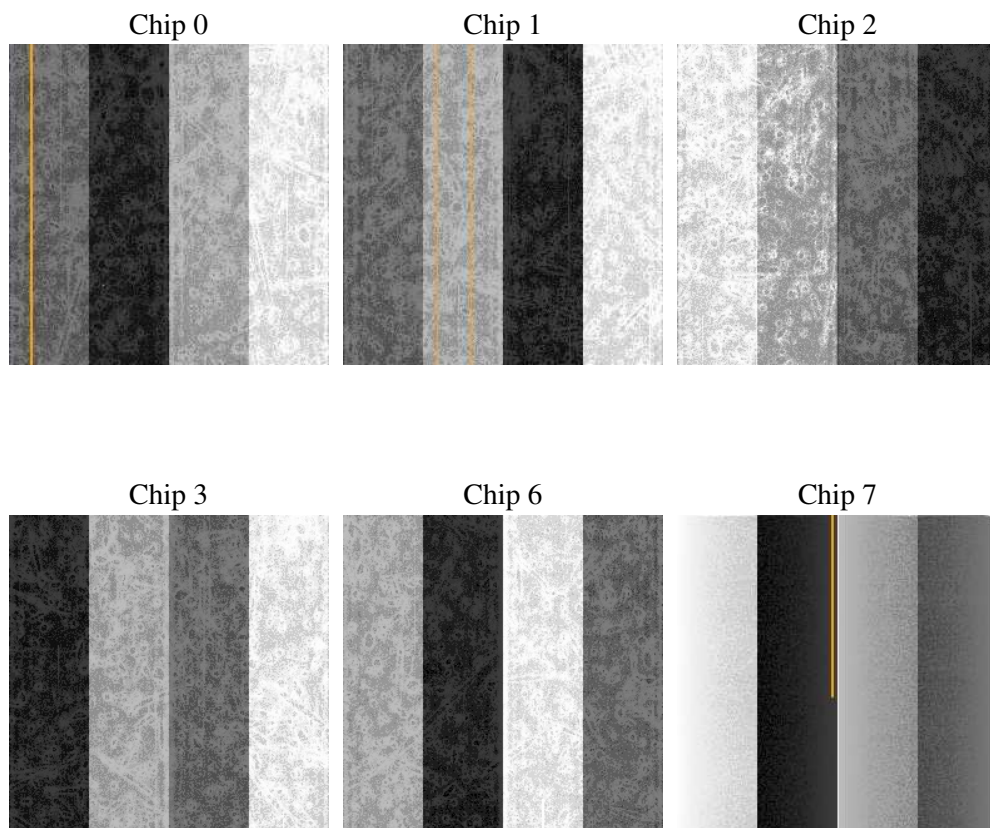
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-31T20:42:25
revision	2

sched_exp_time	0.0
ontime	7749.2413371503
ontime0	4398.0681810379
ontime1	4469.3702749014
ontime2	4268.4289723337
ontime3	4372.1401303709
ontime6	4495.2971001863
ontime7	7749.2413371503
l1events	1431285

### 2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	206738	210556	201426	208159	218946	385460
rejected events	34860	34289	34501	34788	37564	63458
rejected %	16%	16%	17%	16%	17%	16%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	93921	94758	92818	95957	96538	55093
	45%	45%	46%	46%	44%	14%
grade 1 events	697	583	714	691	653	139
	0%	0%	0%	0%	0%	0%
grade 2 events	29360	31572	27631	28803	30989	100654
	14%	14%	13%	13%	14%	26%
grade 3 events	10877	10989	10566	11155	11011	21370
	5%	5%	5%	5%	5%	5%
grade 4 events	10741	10999	10764	11135	10849	20971
	5%	5%	5%	5%	4%	5%
grade 5 events	2217	2205	2056	2263	2439	7067
	1%	1%	1%	1%	1%	1%
grade 6 events	27092	28064	25243	26445	32116	124011
	13%	13%	12%	12%	14%	32%
grade 7 events	31833	31386	31634	31710	34351	56155
	15%	14%	15%	15%	15%	14%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
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
Pointing RA	0	164.0261995956968	Alternating exposures requested	N	N
Pointing Dec	0	-23.98436278787939	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	0.2538994716880991			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	194644376.518455	194644375.49374			
Observation start date	2004-03-02T19:52:57	2004-03-02T19:52:55			
Observation end time	194679685.720002	194679684.69529			
Observation end date	2004-03-03T05:41:26	2004-03-03T05:41:24			
Read mode	TIMED	TIMED			

## 2.3 Aspect



## 2.4 Star Slots

## 2.5 FID Slots



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7465034

### A.2 Comments