

# V&V Reference Report

## L2 ASCDS Version : 8.1.1

Observation 62525 - L2 Version 3

Chandra X-Ray Center

L2 Processing Date : Sep 23 2010

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Bias . . . . .	3
2.1.3	Parameters . . . . .	4
2.1.4	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Star Slots . . . . .	6
2.4	FID Slots . . . . .	6
<b>A</b>	<b>Summary</b>	<b>7</b>
A.1	Status . . . . .	7
A.2	Comments . . . . .	7

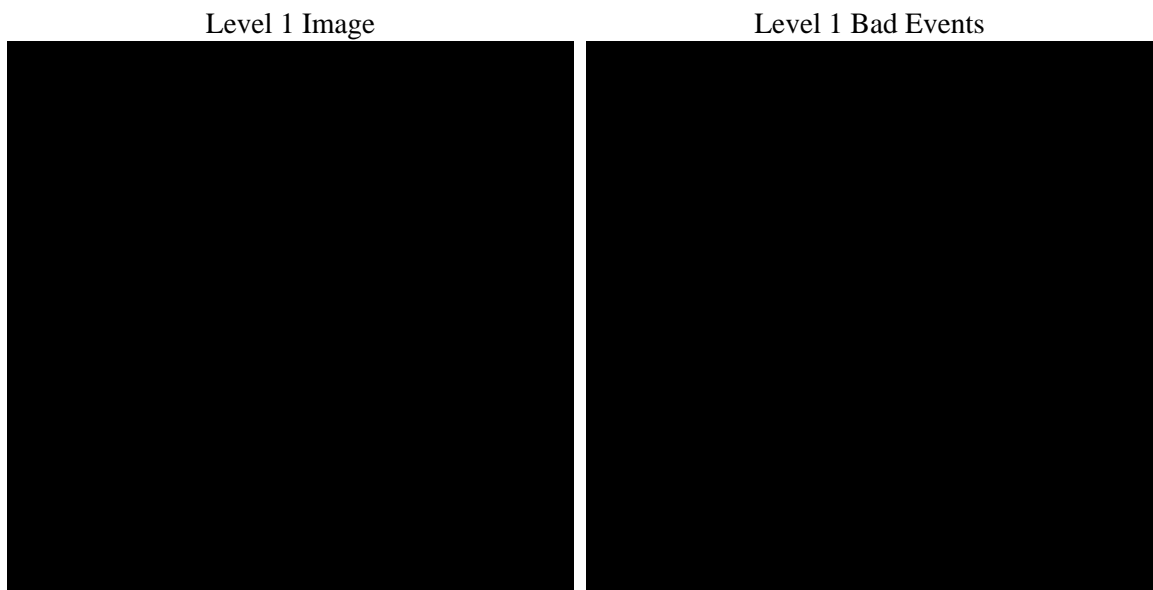
# 1 Front

seq_num	&#160	Sequence number
obs_id	62525	Observation id
title	ACIS-456789 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
dec_targ	0.0	Observer's specified target Dec
ra_nom	119.99388436681	Nominal RA
dec_nom	-66.595119010153	Nominal Dec
roll_nom	122.89630819564	Nominal Roll
revision	3	Processing version of data
ontime	134.59975858033	Sum of GTIs [s]
livetime	132.94638894329	Livetime [s]
ontime4	134.51767858118	Sum of GTIs [s]
ontime5	134.55871857703	Sum of GTIs [s]
ontime6	134.39455857873	Sum of GTIs [s]
ontime7	134.59975858033	Sum of GTIs [s]
ontime8	134.47663857788	Sum of GTIs [s]
ontime9	134.43559858203	Sum of GTIs [s]
l2events	0	Number of level 2 events

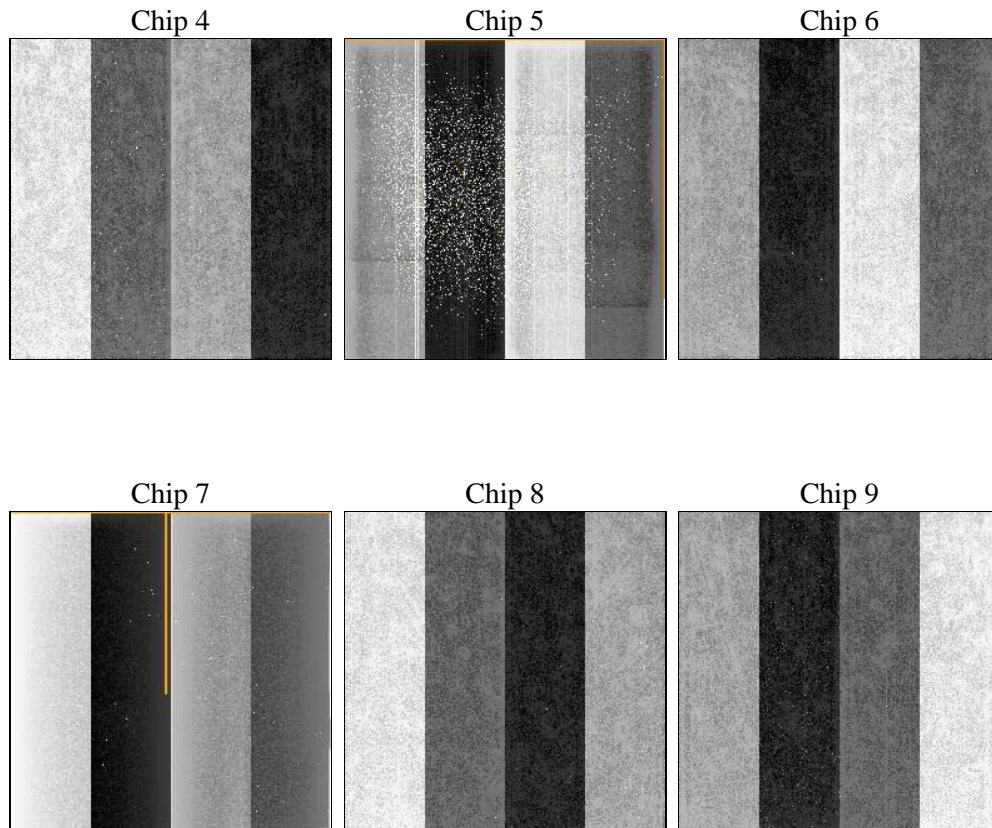
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0	Obi number	<table><tr><td>sched_exp_time</td><td>0.0</td><td>Scheduled observation exposure time</td></tr><tr><td>ontime</td><td>134.59975858033</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime4</td><td>134.51767858118</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime5</td><td>134.55871857703</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime6</td><td>134.39455857873</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime7</td><td>134.59975858033</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime8</td><td>134.47663857788</td><td>Sum of GTIs [s]</td></tr><tr><td>ontime9</td><td>134.43559858203</td><td>Sum of GTIs [s]</td></tr><tr><td>l1events</td><td>0</td><td>Number of level 1 events</td></tr></table>	sched_exp_time	0.0	Scheduled observation exposure time	ontime	134.59975858033	Sum of GTIs [s]	ontime4	134.51767858118	Sum of GTIs [s]	ontime5	134.55871857703	Sum of GTIs [s]	ontime6	134.39455857873	Sum of GTIs [s]	ontime7	134.59975858033	Sum of GTIs [s]	ontime8	134.47663857788	Sum of GTIs [s]	ontime9	134.43559858203	Sum of GTIs [s]	l1events	0	Number of level 1 events
sched_exp_time	0.0	Scheduled observation exposure time																												
ontime	134.59975858033	Sum of GTIs [s]																												
ontime4	134.51767858118	Sum of GTIs [s]																												
ontime5	134.55871857703	Sum of GTIs [s]																												
ontime6	134.39455857873	Sum of GTIs [s]																												
ontime7	134.59975858033	Sum of GTIs [s]																												
ontime8	134.47663857788	Sum of GTIs [s]																												
ontime9	134.43559858203	Sum of GTIs [s]																												
l1events	0	Number of level 1 events																												
ascdsver	8.3.2.1	ASCDS version number																												
caldsver	4.3.1	&#160																												
date	2010-09-23T17:00:38	Date and time of file creation																												
revision	3	Processing version of data																												

### 2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	0	0	0	0	0	0
rejected events	0	0	0	0	0	0
rejected %	0%	0%	0%	0%	0%	0%

	<b>ccd 4</b>	<b>ccd 5</b>	<b>ccd 6</b>	<b>ccd 7</b>	<b>ccd 8</b>	<b>ccd 9</b>
grade 0 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 1 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 2 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 3 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 4 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 5 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 6 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	119.9938843668053	Alternating exposures requested	N	N
Pointing Dec	0	-66.59511901015338	Primary exposure time	3.3	3.3
Pointing Roll	0.0	122.8963081956376			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	54104258.999798	54104258.231293			
Observation start date	1999-09-19T04:57:39	1999-09-19T04:57:38			
Observation end time	54106358.199874	54106357.431369			
Observation end date	1999-09-19T05:32:38	1999-09-19T05:32:37			
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)	2010.10.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.13459975858033

## A.2 Comments

Short dark current during ACIS bakeout. There are no level 1 or level 2 events.