

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 62861 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jan 5 2007

Contents

1	Front	2
2	OBI	3
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	Aspect	6
2.4	Star Slots	8
2.5	FID Slots	8
A	Summary	9
A.1	Status	9
A.2	Comments	9

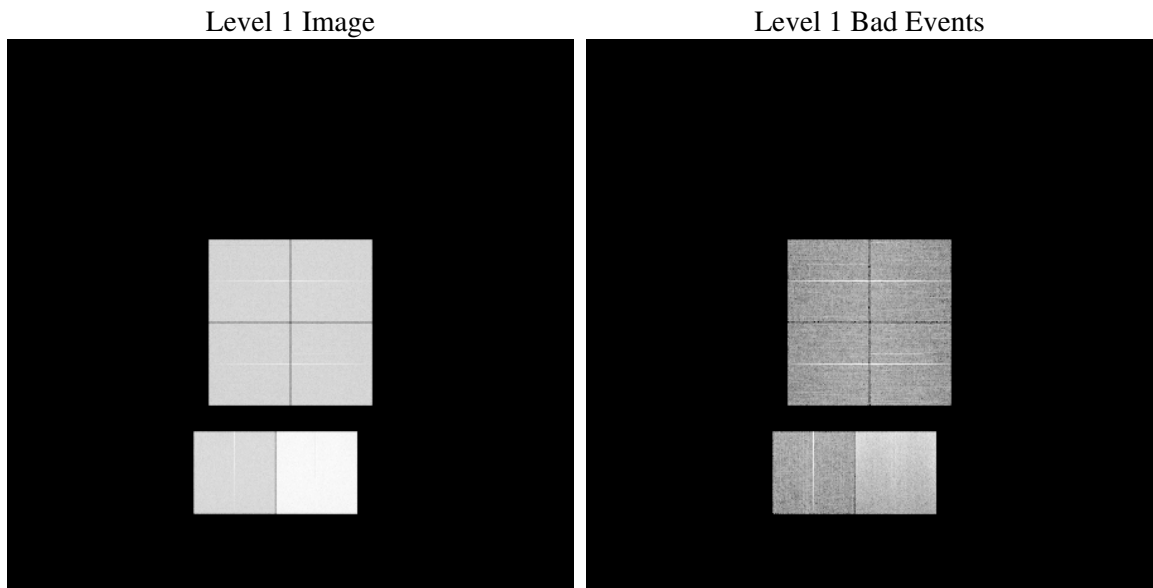
1 Front

seq_num	
obs_id	62861
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	136.9999071082
dec_nom	40.028650936922
roll_nom	57.454418361486
revision	2
ontime	27011.877843946
livetime	26669.837182086
ontime0	10761.967979118
ontime1	11108.799799412
ontime2	10412.020112917
ontime3	10657.917331055
ontime6	11530.214934841
ontime7	27011.877843946
l2events	4678900

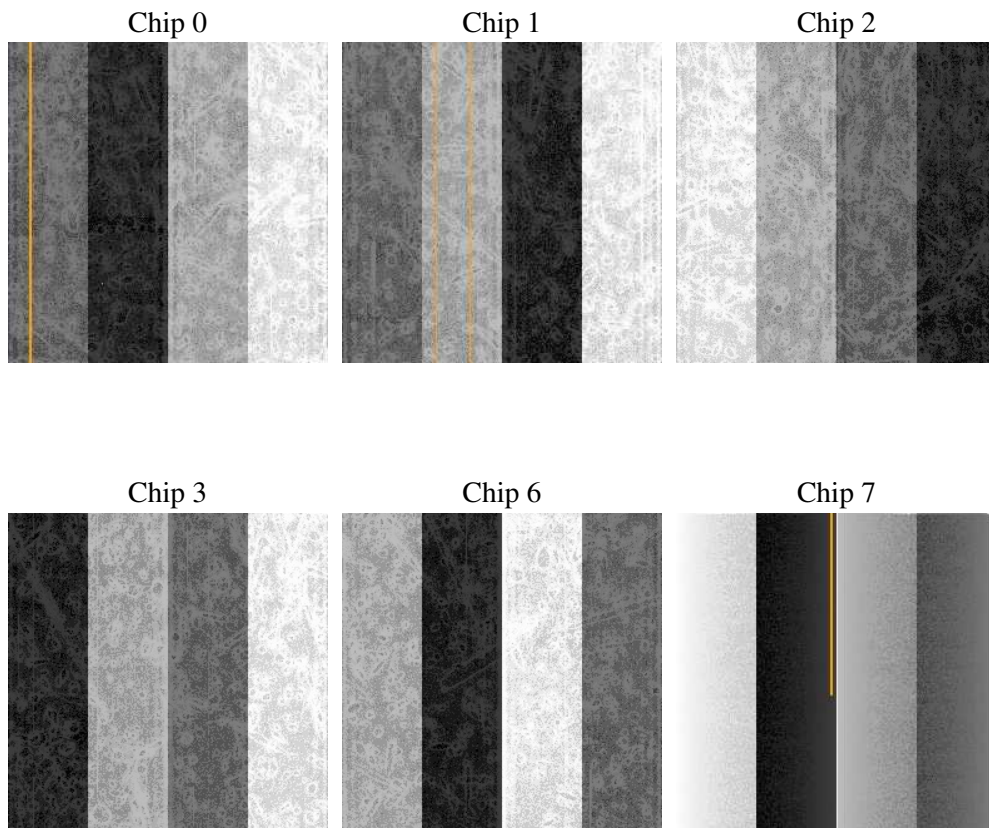
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2007-01-05T17:44:28
revision	2

sched_exp_time	0.0
ontime	27013.733616248
ontime0	10763.484069854
ontime1	11110.27485016
ontime2	10413.454123661
ontime3	10659.773103356
ontime6	11531.607905582
ontime7	27013.733616248
l1events	5428117

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	708367	731717	696037	717251	798238	1776507
rejected events	71728	72306	72955	77471	79013	177896
rejected %	10%	9%	10%	10%	9%	10%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	350339	364109	345757	358154	392847	305389
	49%	49%	49%	49%	49%	17%
grade 1 events	1739	1758	1671	1865	1914	734
	0%	0%	0%	0%	0%	0%
grade 2 events	113101	115934	109675	112226	124389	473029
	15%	15%	15%	15%	15%	26%
grade 3 events	40120	41848	39039	40452	44245	123492
	5%	5%	5%	5%	5%	6%
grade 4 events	40203	41645	39244	40679	44051	121504
	5%	5%	5%	5%	5%	6%
grade 5 events	5459	5495	5055	5651	6217	25981
	0%	0%	0%	0%	0%	1%
grade 6 events	92876	95875	89367	88269	113693	575197
	13%	13%	12%	12%	14%	32%
grade 7 events	64530	65053	66229	69955	70882	151181
	9%	8%	9%	9%	8%	8%

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	136.9999071081996	Alternating exposures requested	N	N
Pointing Dec	0	40.02865093692161	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	57.45441836148589			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	118178118.472	118178117.7031			
Observation start date	2001-09-29T19:15:18	2001-09-29T19:15:17			
Observation end time	118209784.823	118209784.05436			
Observation end date	2001-09-30T04:03:05	2001-09-30T04:03:04			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.0118778

A.2 Comments