

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60981 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 12 2006

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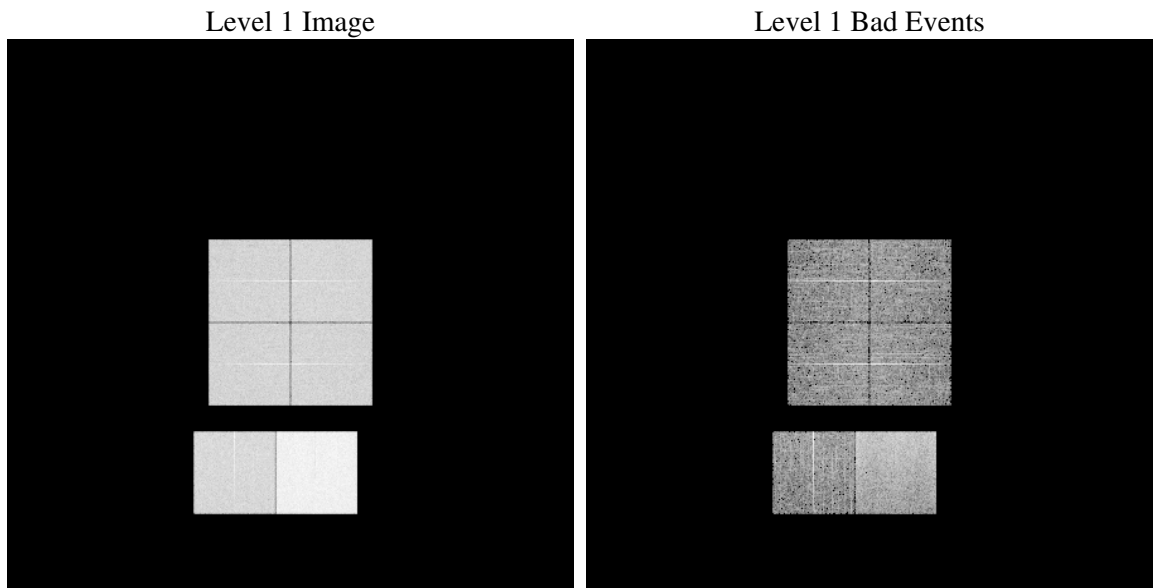
1 Front

seq_num	
obs_id	60981
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	110.34071308691
dec_nom	55.783378968462
roll_nom	92.278020516219
revision	2
ontime	7791.5851614177
livetime	7692.9234185745
ontime0	3759.8553878367
ontime1	3899.2602500021
ontime2	3675.6714934707
ontime3	3672.2660245299
ontime6	4016.017468363
ontime7	7791.5851614177
l2events	1194146

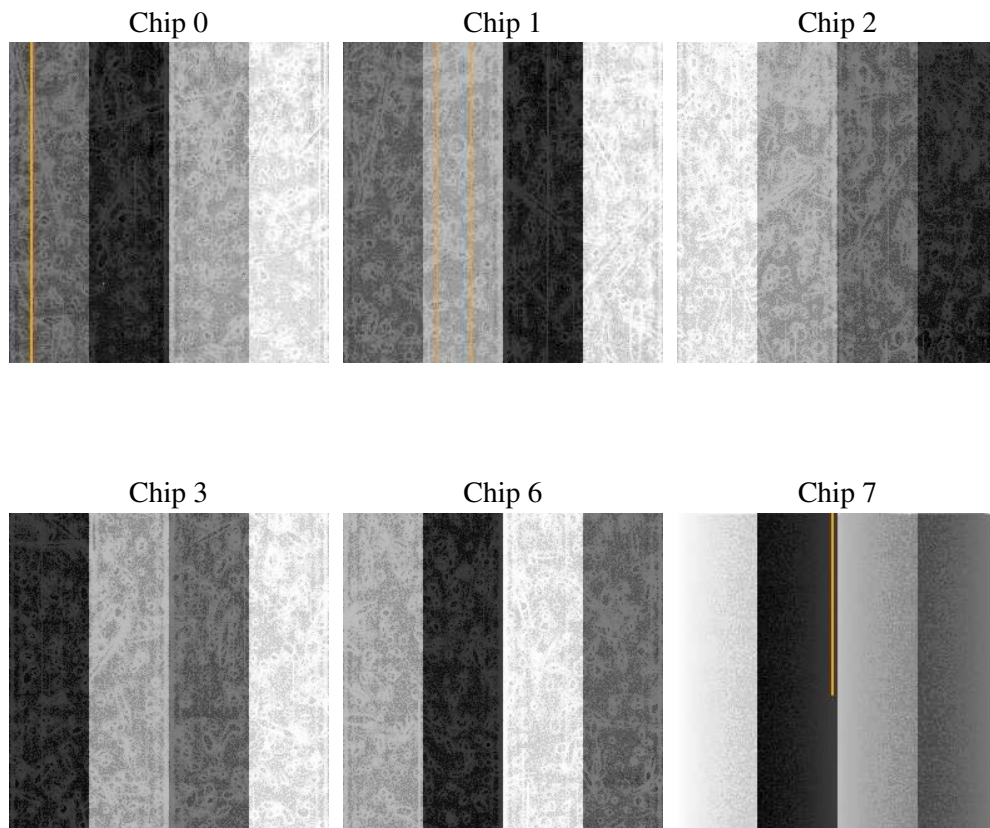
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-12T04:29:06
revision	2

sched_exp_time	0.0
ontime	7794.6074237823
ontime0	3762.836610198
ontime1	3902.2004323602
ontime2	3678.5706358254
ontime3	3675.3293268979
ontime6	4018.8755707443
ontime7	7794.6074237823
l1events	1433534

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	196860	204973	196432	197064	221516	416689
rejected events	25203	25427	26215	27004	27886	53840
rejected %	12%	12%	13%	13%	12%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	94919	98480	95310	95863	105016	67042
	48%	48%	48%	48%	47%	16%
grade 1 events	507	468	586	585	510	165
	0%	0%	0%	0%	0%	0%
grade 2 events	29994	31847	29185	29032	33316	109331
	15%	15%	14%	14%	15%	26%
grade 3 events	10879	11361	11033	11033	12104	27193
	5%	5%	5%	5%	5%	6%
grade 4 events	11043	11586	11079	10936	12158	26933
	5%	5%	5%	5%	5%	6%
grade 5 events	1763	1777	1700	1880	1972	7040
	0%	0%	0%	0%	0%	1%
grade 6 events	24971	26426	23739	23344	31193	132488
	12%	12%	12%	11%	14%	31%
grade 7 events	22784	23028	23800	24391	25247	46497
	11%	11%	12%	12%	11%	11%

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	110.3407130869051	Alternating exposures requested	N	N
Pointing Dec	0	55.78337896846173	Primary exposure time	3.2	3.2
Pointing Roll	0.0	92.27802051621872			
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	152145648.407771	152145647.38306			
Observation start date	2002-10-27T22:40:48	2002-10-27T22:40:47			
Observation end time	152157401.05826	152157400.03355			
Observation end date	2002-10-28T01:56:41	2002-10-28T01:56:40			
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)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79158516

A.2 Comments