

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59657 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Mar 3 2006

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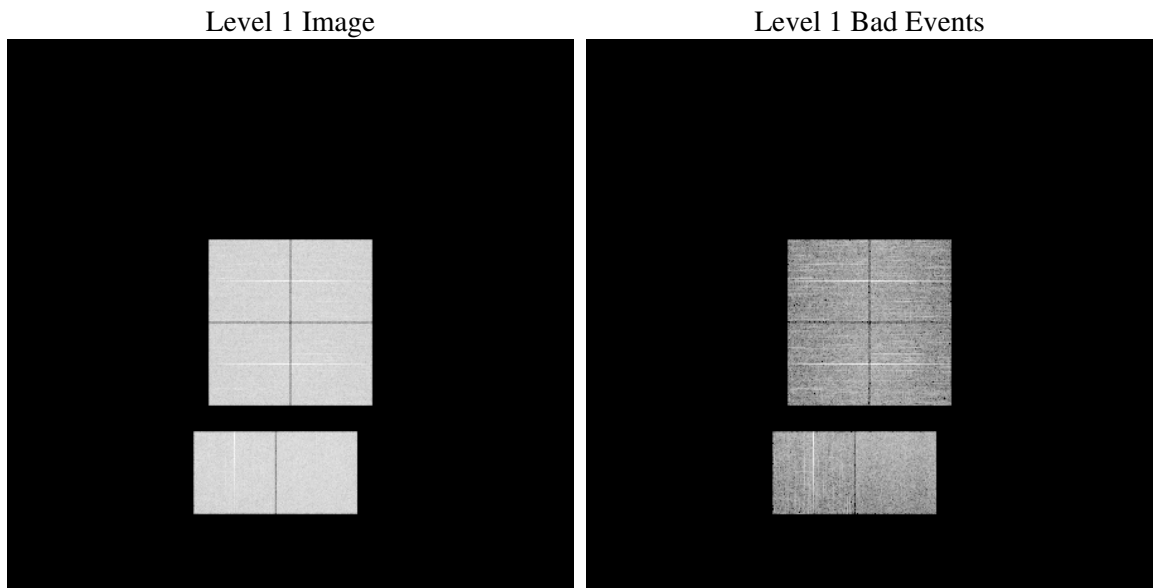
1 Front

seq_num	
obs_id	59657
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	209.00393912221
dec_nom	-9.52831747571
roll_nom	244.94296369679
revision	2
ontime	8284.0928722918
livetime	8179.194700261
ontime0	8060.5068723559
ontime1	8219.3555162847
ontime2	8054.1070608199
ontime3	8109.0394759476
ontime6	8271.2931411564
ontime7	8284.0928722918
l2events	1120905

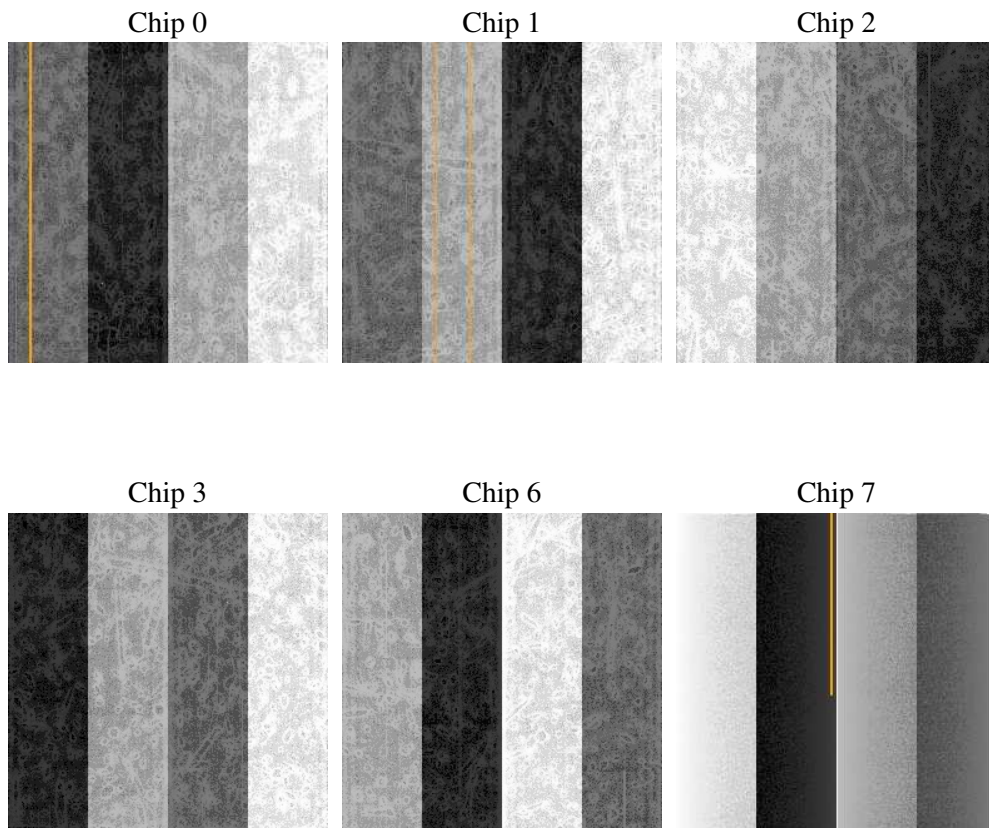
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-03T16:39:03
revision	2

sched_exp_time	0.0
ontime	8287.2423173487
ontime0	8063.6152774096
ontime1	8222.422881335
ontime2	8057.1333858669
ontime3	8112.2299610078
ontime6	8274.27842623
ontime7	8287.2423173487
l1events	1486212

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	239393	243978	241130	245157	256329	260225
rejected events	48712	49058	48981	51911	53245	55296
rejected %	20%	20%	20%	21%	20%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	105533	105249	108718	109914	107798	31255
	44%	43%	45%	44%	42%	12%
grade 1 events	538	420	597	576	449	79
	0%	0%	0%	0%	0%	0%
grade 2 events	33040	36273	31536	31850	37708	65027
	13%	14%	13%	12%	14%	24%
grade 3 events	12367	12105	12615	12481	12222	13529
	5%	4%	5%	5%	4%	5%
grade 4 events	12132	12040	12418	12508	12046	13023
	5%	4%	5%	5%	4%	5%
grade 5 events	3002	3067	2835	3230	3406	6037
	1%	1%	1%	1%	1%	2%
grade 6 events	27690	29337	26935	26549	33400	82191
	11%	12%	11%	10%	13%	31%
grade 7 events	45091	45487	45476	48049	49300	49084
	18%	18%	18%	19%	19%	18%

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	209.0039391222141	Alternating exposures requested	N	N
Pointing Dec	0	-9.528317475710049	Primary exposure time	3.2	3.2
Pointing Roll	0.0	244.9429636967868			
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	232609554.116559	232609553.09155			
Observation start date	2005-05-16T05:45:54	2005-05-16T05:45:53			
Observation end time	232630863.867529	232630862.84252			
Observation end date	2005-05-16T11:41:04	2005-05-16T11:41:02			
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)	2006.03.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.28409287

A.2 Comments

Focal plane temperature is elevated. Calibration may be affected.