

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59397 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 1 2006

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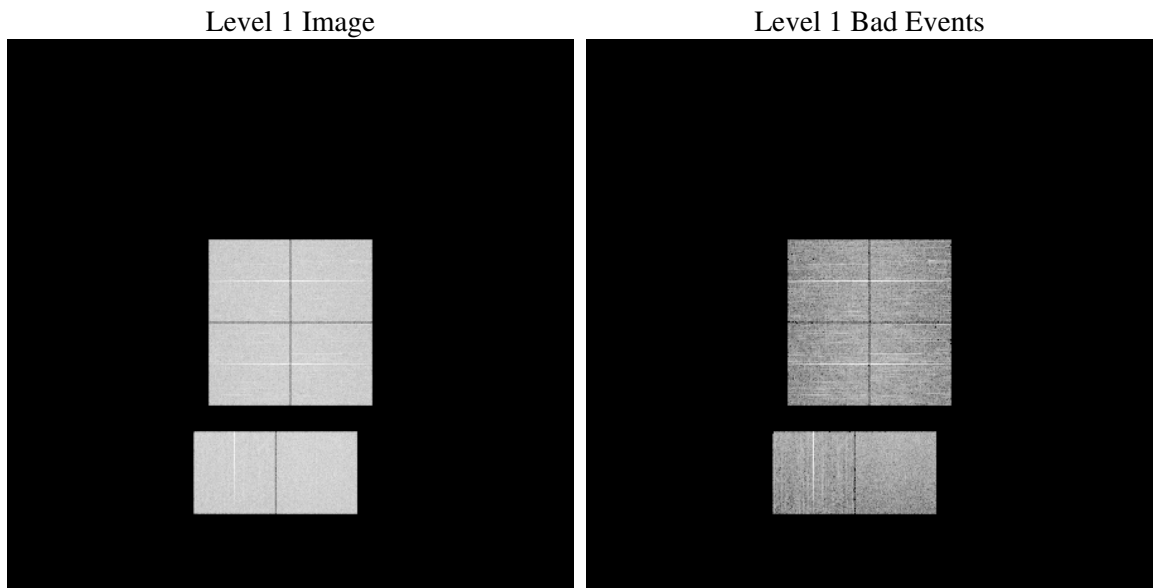
1 Front

seq_num	
obs_id	59397
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	15.971070227503
dec_nom	35.183905855127
roll_nom	181.33651640764
revision	2
ontime	8278.3999691606
livetime	8173.573884097
ontime0	8278.3999691606
ontime1	8278.3999691606
ontime2	8278.3999691606
ontime3	8278.3999691606
ontime6	8278.3999691606
ontime7	8278.3999691606
l2events	1048271

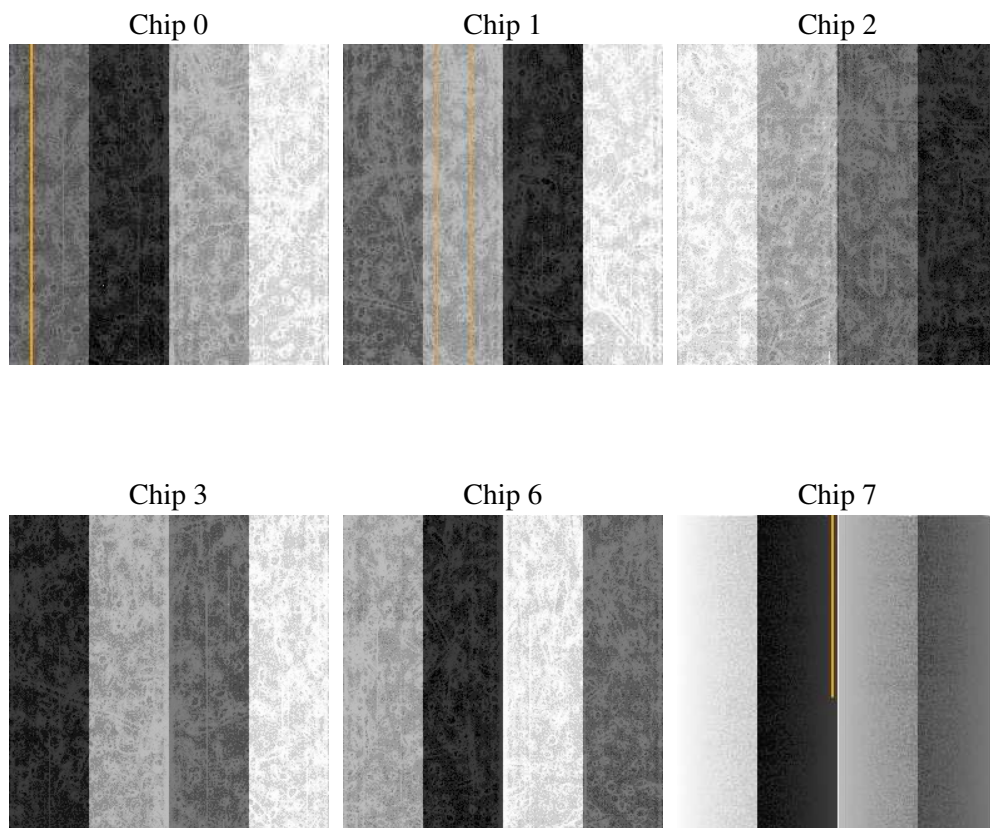
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-01T06:25:01
revision	2

sched_exp_time	0.0
ontime	8280.7778915167
ontime0	8280.7778915167
ontime1	8280.7779910862
ontime2	8280.7779910862
ontime3	8280.7779910862
ontime6	8280.7778915167
ontime7	8280.7778915167
l1events	1454391

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	235212	234719	238831	243568	247200	254861
rejected events	56369	55406	58335	61780	58628	60095
rejected %	23%	23%	24%	25%	23%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	98229	97517	100933	101772	101836	30786
	41%	41%	42%	41%	41%	12%
grade 1 events	599	508	615	610	506	105
	0%	0%	0%	0%	0%	0%
grade 2 events	31476	32041	30286	31178	32748	59932
	13%	13%	12%	12%	13%	23%
grade 3 events	11746	11802	11795	12040	11902	13018
	4%	5%	4%	4%	4%	5%
grade 4 events	11494	11320	11817	11879	11926	13065
	4%	4%	4%	4%	4%	5%
grade 5 events	3391	3525	3350	3899	3753	6809
	1%	1%	1%	1%	1%	2%
grade 6 events	25975	26698	25665	25004	30160	78044
	11%	11%	10%	10%	12%	30%
grade 7 events	52302	51308	54370	57186	54369	53102
	22%	21%	22%	23%	21%	20%

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	15.97107022750315	Alternating exposures requested	N	N
Pointing Dec	0	35.18390585512682	Primary exposure time	3.2	3.2
Pointing Roll	0.0	181.3365164076443			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	245397528.502248	245397527.47724			
Observation start date	2005-10-11T05:58:49	2005-10-11T05:58:47			
Observation end time	245421115.803337	245421114.77833			
Observation end date	2005-10-11T12:31:56	2005-10-11T12:31:54			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27839996

A.2 Comments