

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59731 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 27 2006

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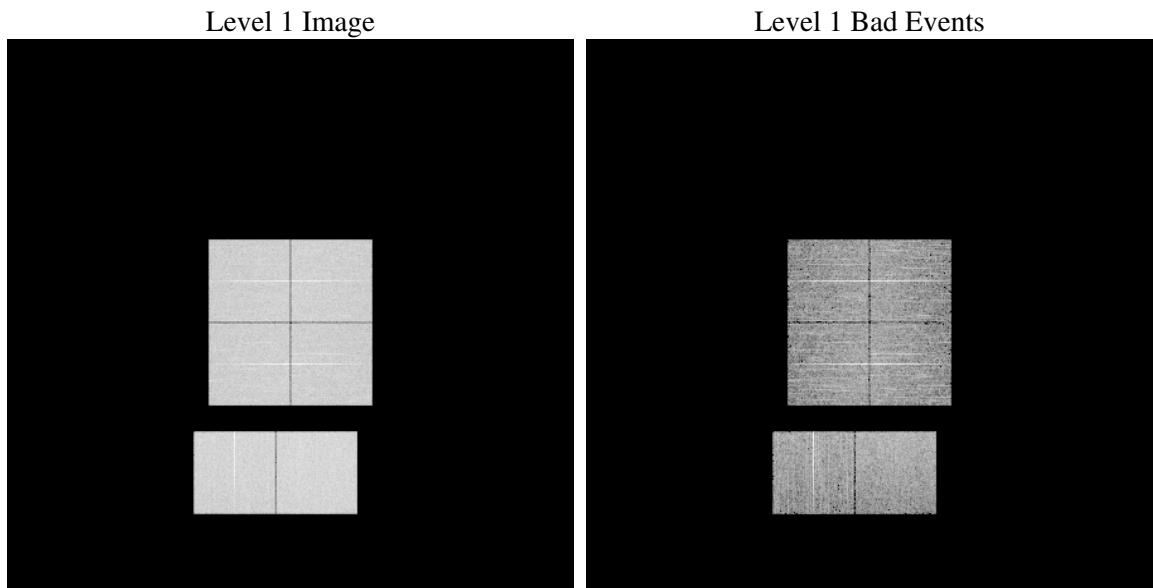
1 Front

seq_num	
obs_id	59731
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	312.97782229682
dec_nom	1.02386037806
roll_nom	89.475770090563
revision	2
ontime	6780.4592625201
livetime	6694.6010046356
ontime0	6161.4754452407
ontime1	6232.8174342215
ontime2	5983.3039591312
ontime3	5795.161352545
ontime6	6527.8278296888
ontime7	6780.4592625201
l2events	908572

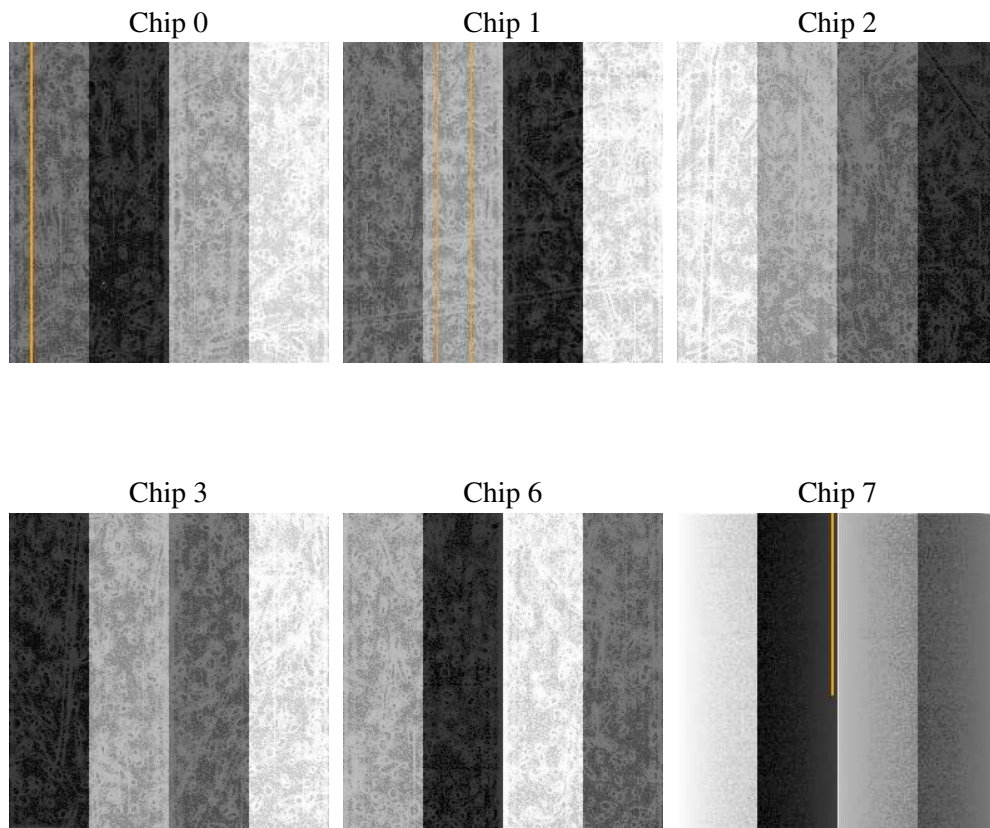
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-27T18:39:39
revision	2

sched_exp_time	0.0
ontime	6783.423337698
ontime0	6164.3984804153
ontime1	6235.6994293928
ontime2	5986.1449142992
ontime3	5798.1664677262
ontime6	6530.6277448833
ontime7	6783.423337698
l1events	1226358

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	195139	198859	194610	190342	217898	229510
rejected events	41607	42946	43597	44762	47673	50247
rejected %	21%	21%	22%	23%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	84629	85332	84869	81852	92725	28551
	43%	42%	43%	43%	42%	12%
grade 1 events	480	462	493	495	465	103
	0%	0%	0%	0%	0%	0%
grade 2 events	26933	27927	25421	24825	29344	55450
	13%	14%	13%	13%	13%	24%
grade 3 events	9811	9897	9910	9555	10613	12365
	5%	4%	5%	5%	4%	5%
grade 4 events	9844	9840	9853	9414	10613	11878
	5%	4%	5%	4%	4%	5%
grade 5 events	2624	2768	2526	2719	2988	5598
	1%	1%	1%	1%	1%	2%
grade 6 events	22379	22995	21038	19996	27002	71101
	11%	11%	10%	10%	12%	30%
grade 7 events	38439	39638	40500	41486	44148	44464
	19%	19%	20%	21%	20%	19%

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	312.9778222968199	Alternating exposures requested	N	N
Pointing Dec	0	1.023860378060049	Primary exposure time	3.2	3.2
Pointing Roll	0.0	89.47577009056278			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	227767127.946398	227767126.9214			
Observation start date	2005-03-21T04:38:48	2005-03-21T04:38:46			
Observation end time	227782004.797073	227782003.77208			
Observation end date	2005-03-21T08:46:45	2005-03-21T08:46:43			
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)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.78045926

A.2 Comments