

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59362 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 2 2006

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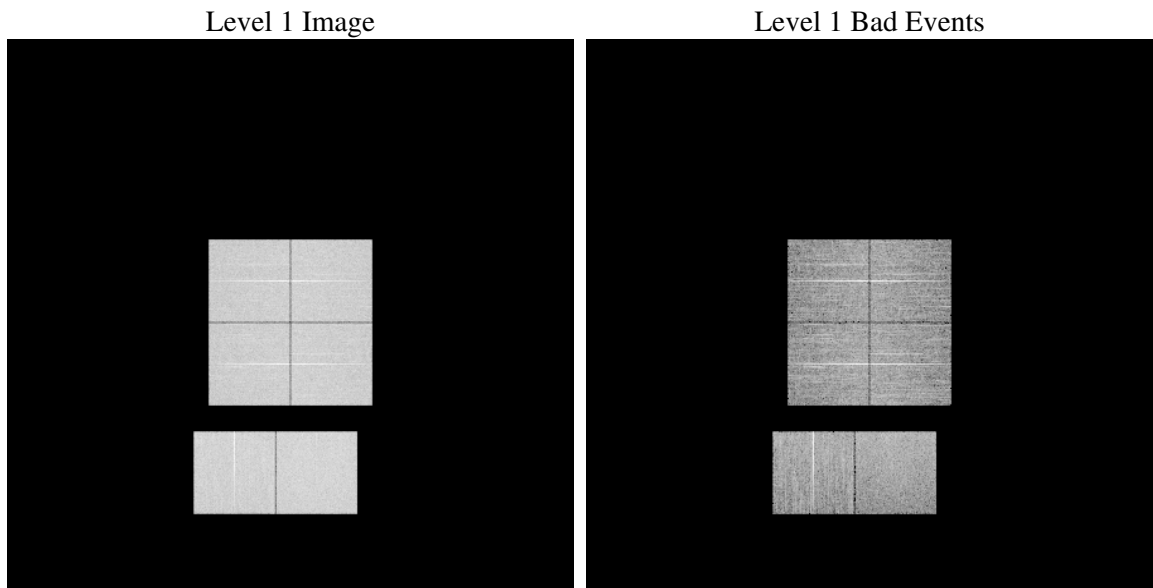
1 Front

seq_num	
obs_id	59362
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	21.9798805463
dec_nom	39.975947238439
roll_nom	204.37117373437
revision	2
ontime	7798.3279937506
livetime	7699.5808691043
ontime0	7377.0423260629
ontime1	7565.0498193502
ontime2	7253.9166207612
ontime3	7441.7799508274
ontime6	7704.4117818475
ontime7	7798.3279937506
l2events	1002264

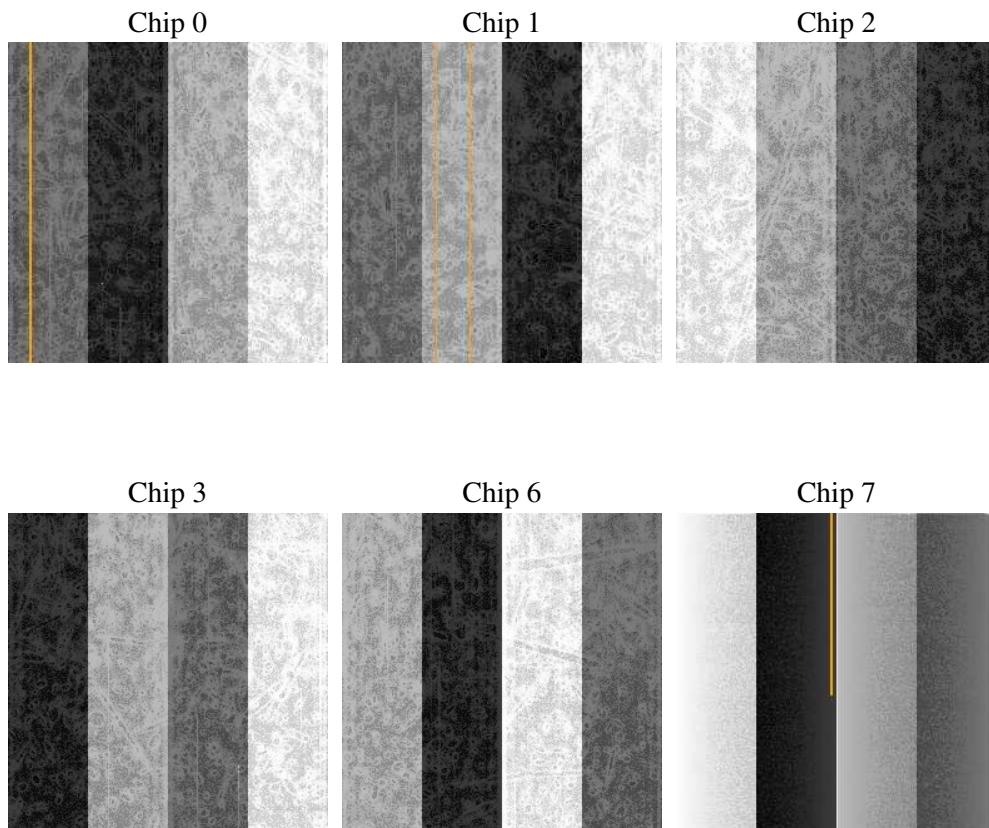
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-03T00:58:59
revision	2

sched_exp_time	0.0
ontime	7801.0964594483
ontime0	7379.7697517574
ontime1	7567.7463078499
ontime2	7256.6131092608
ontime3	7444.5894565284
ontime6	7707.1082703471
ontime7	7801.0964594483
l1events	1401315

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220860	226097	223608	229144	246611	254995
rejected events	53818	53196	58127	57872	63301	60767
rejected %	24%	23%	25%	25%	25%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	91161	93276	91873	95224	98284	32309
	41%	41%	41%	41%	39%	12%
grade 1 events	550	530	634	634	498	93
	0%	0%	0%	0%	0%	0%
grade 2 events	29432	31359	27779	29211	32161	58804
	13%	13%	12%	12%	13%	23%
grade 3 events	10672	10984	10890	11316	11519	13529
	4%	4%	4%	4%	4%	5%
grade 4 events	10670	10945	10844	11285	11426	13228
	4%	4%	4%	4%	4%	5%
grade 5 events	3139	3410	3055	3617	3763	6892
	1%	1%	1%	1%	1%	2%
grade 6 events	25194	26394	24182	24312	29997	76447
	11%	11%	10%	10%	12%	29%
grade 7 events	50042	49199	54351	53545	58963	53693
	22%	21%	24%	23%	23%	21%

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	21.97988054629984	Alternating exposures requested	N	N
Pointing Dec	0	39.97594723843943	Primary exposure time	3.2	3.2
Pointing Roll	0.0	204.3711737343697			
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	246961723.674312	246961722.64931			
Observation start date	2005-10-29T08:28:44	2005-10-29T08:28:42			
Observation end time	246978113.425068	246978112.40006			
Observation end date	2005-10-29T13:01:53	2005-10-29T13:01:52			
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)	2006.04.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79832799

A.2 Comments