

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60991 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 7 2006

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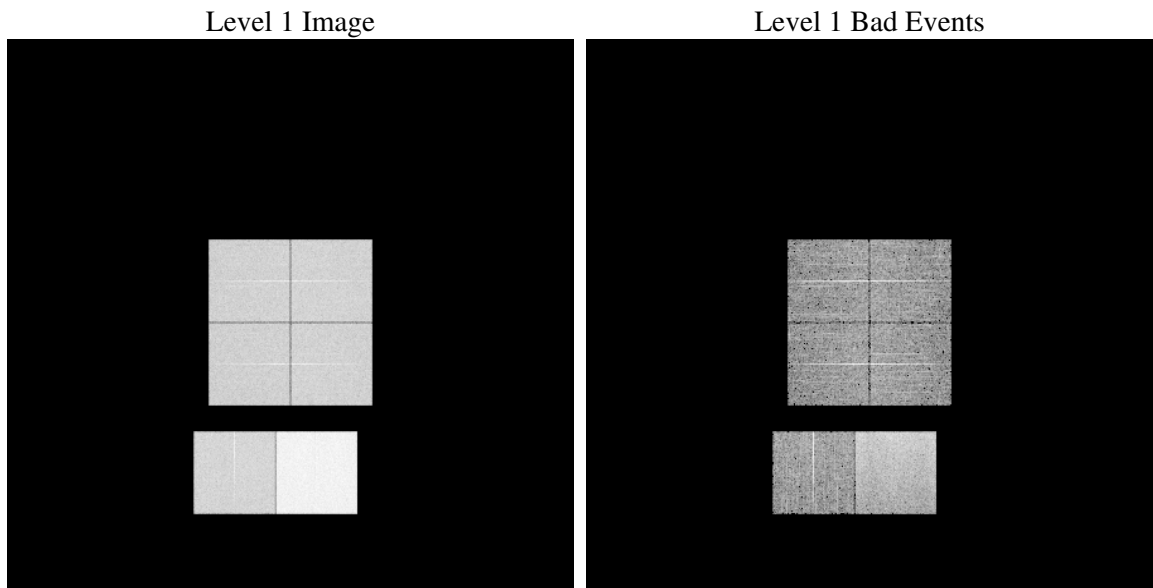
1 Front

seq_num	
obs_id	60991
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	138.7942099465
dec_nom	63.428488600329
roll_nom	62.353484690167
revision	2
ontime	8361.5999688506
livetime	8255.720355294
ontime0	3524.8482316732
ontime1	3638.3249436617
ontime2	3401.7714496255
ontime3	3531.248231113
ontime6	3727.0106806755
ontime7	8361.5999688506
l2events	1274028

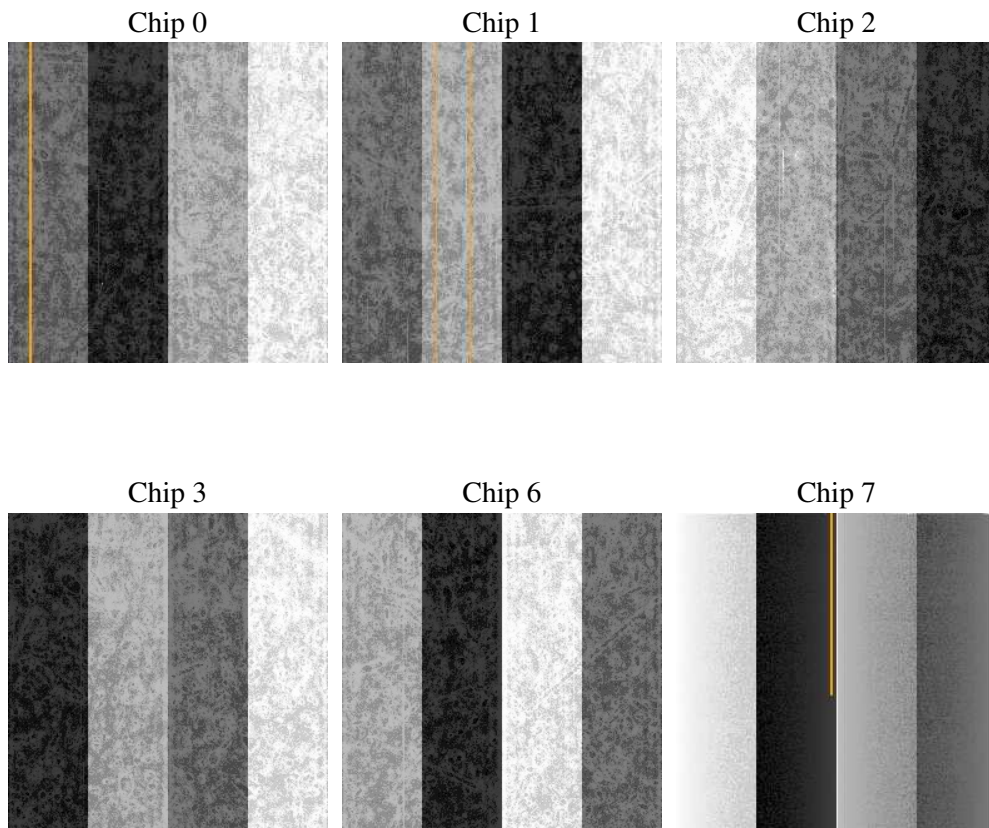
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-07T15:06:02
revision	2

sched_exp_time	0.0
ontime	8455.7660107315
ontime0	3568.3781545162
ontime1	3691.5368269682
ontime2	3448.4602626562
ontime3	3578.1011743844
ontime6	3775.8031591177
ontime7	8455.7660107315
l1events	1556222

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	207305	214557	201393	210867	229650	492450
rejected events	30838	31458	30254	31844	33780	68984
rejected %	14%	14%	15%	15%	14%	14%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97355	100413	96499	101371	106383	78501
	46%	46%	47%	48%	46%	15%
grade 1 events	635	574	671	705	686	205
	0%	0%	0%	0%	0%	0%
grade 2 events	30891	32943	29079	30432	33883	129118
	14%	15%	14%	14%	14%	26%
grade 3 events	11472	11751	11301	11606	12226	30964
	5%	5%	5%	5%	5%	6%
grade 4 events	11494	11836	11130	12013	12172	30591
	5%	5%	5%	5%	5%	6%
grade 5 events	1923	1929	1801	1956	2231	8016
	0%	0%	0%	0%	0%	1%
grade 6 events	27206	28462	25256	25702	33546	158570
	13%	13%	12%	12%	14%	32%
grade 7 events	26329	26649	25656	27082	28523	56485
	12%	12%	12%	12%	12%	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	138.7942099465037	Alternating exposures requested	N	N
Pointing Dec	0	63.42848860032856	Primary exposure time	3.2	3.2
Pointing Roll	0.0	62.35348469016704			
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	151270435.721427	151270434.69671			
Observation start date	2002-10-17T19:33:56	2002-10-17T19:33:54			
Observation end time	151292678.22235	151292677.19764			
Observation end date	2002-10-18T01:44:38	2002-10-18T01:44:37			
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)	2006.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.36159996

A.2 Comments