

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59830 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 19 2006

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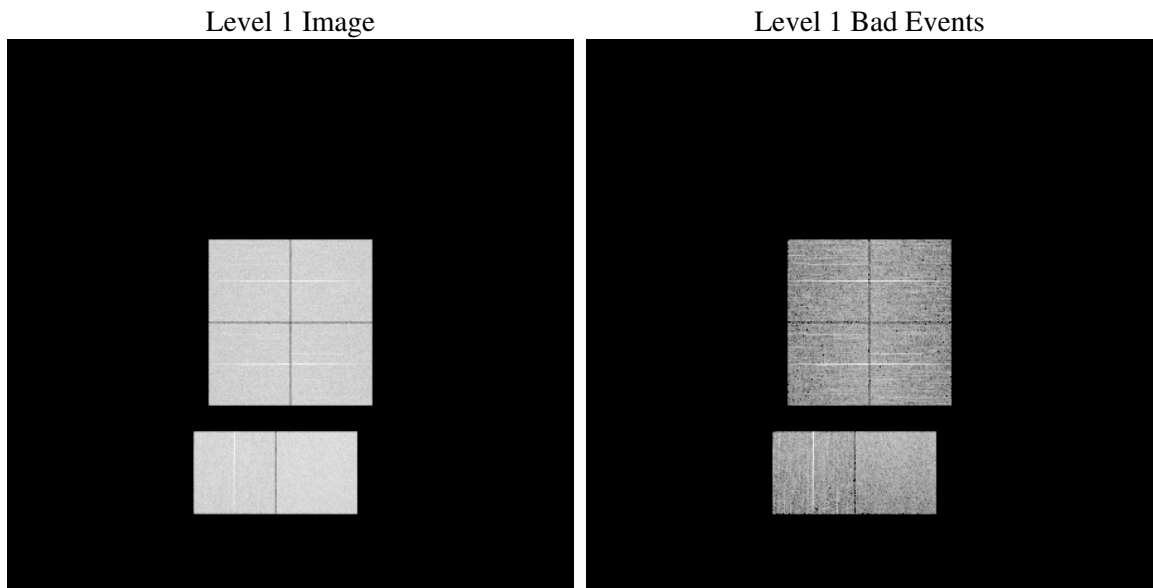
1 Front

seq_num	
obs_id	59830
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	120.0583959984
dec_nom	-9.9961969187869
roll_nom	341.20858210293
revision	2
ontime	7237.1791810989
livetime	7145.5376606017
ontime0	6274.6522138715
ontime1	6427.0186879635
ontime2	6077.0347276926
ontime3	6206.5096580088
ontime6	6683.137312144
ontime7	7237.1791810989
l2events	985358

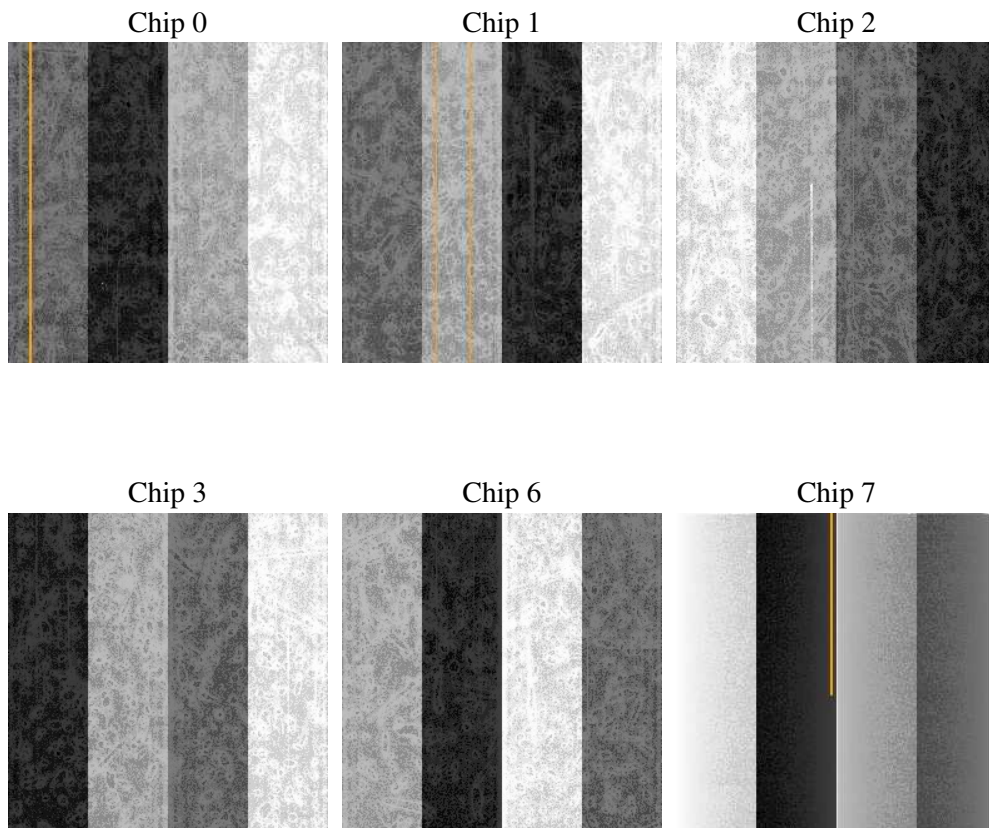
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-19T21:52:11
revision	2

sched_exp_time	0.0
ontime	7240.4017271101
ontime0	6277.8337198794
ontime1	6430.1591539681
ontime2	6080.1341536939
ontime3	6209.7732440233
ontime6	6686.1956981719
ontime7	7240.4017271101
l1events	1309107

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	205418	210436	203194	207662	229950	252447
rejected events	42396	43464	43540	44979	47351	51834
rejected %	20%	20%	21%	21%	20%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	89632	91282	89573	91354	99142	34498
	43%	43%	44%	43%	43%	13%
grade 1 events	523	481	563	536	493	102
	0%	0%	0%	0%	0%	0%
grade 2 events	28431	29819	27138	27639	31758	60461
	13%	14%	13%	13%	13%	23%
grade 3 events	10605	10765	10398	10581	11333	14494
	5%	5%	5%	5%	4%	5%
grade 4 events	10584	10693	10487	10702	11410	14313
	5%	5%	5%	5%	4%	5%
grade 5 events	2733	2812	2461	2799	3147	6237
	1%	1%	1%	1%	1%	2%
grade 6 events	23833	24492	22161	22493	29037	76934
	11%	11%	10%	10%	12%	30%
grade 7 events	39077	40092	40413	41558	43630	45408
	19%	19%	19%	20%	18%	17%

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	120.0583959984022	Alternating exposures requested	N	N
Pointing Dec	0	-9.996196918786932	Primary exposure time	3.2	3.2
Pointing Roll	0.0	341.2085821029276			
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	223198257.889481	223198256.86453			
Observation start date	2005-01-27T07:30:58	2005-01-27T07:30:56			
Observation end time	223209739.939998	223209738.91505			
Observation end date	2005-01-27T10:42:20	2005-01-27T10:42:18			
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)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.23717918

A.2 Comments