

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61748 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 6 2006

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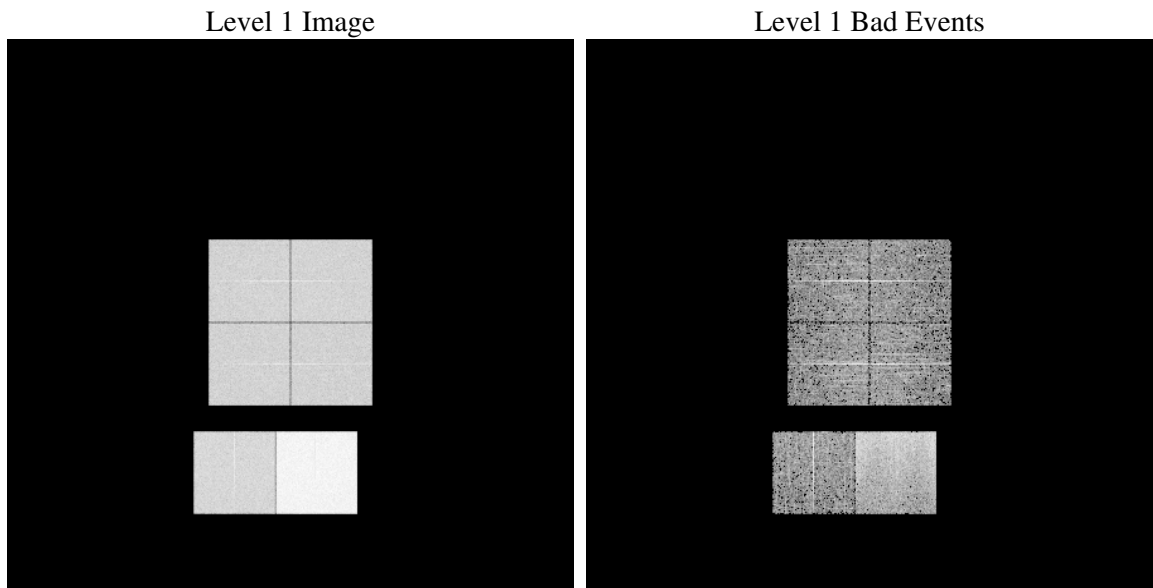
1 Front

seq_num	
obs_id	61748
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	0.034568017408499
dec_nom	34.995033185276
roll_nom	317.46546637874
revision	3
ontime	5910.8499861956
livetime	5836.0032445838
ontime0	2498.1290383637
ontime1	2543.5447378606
ontime2	2391.2573866248
ontime3	2358.6827569604
ontime6	2647.3399479985
ontime7	5910.8499861956
l2events	1228898

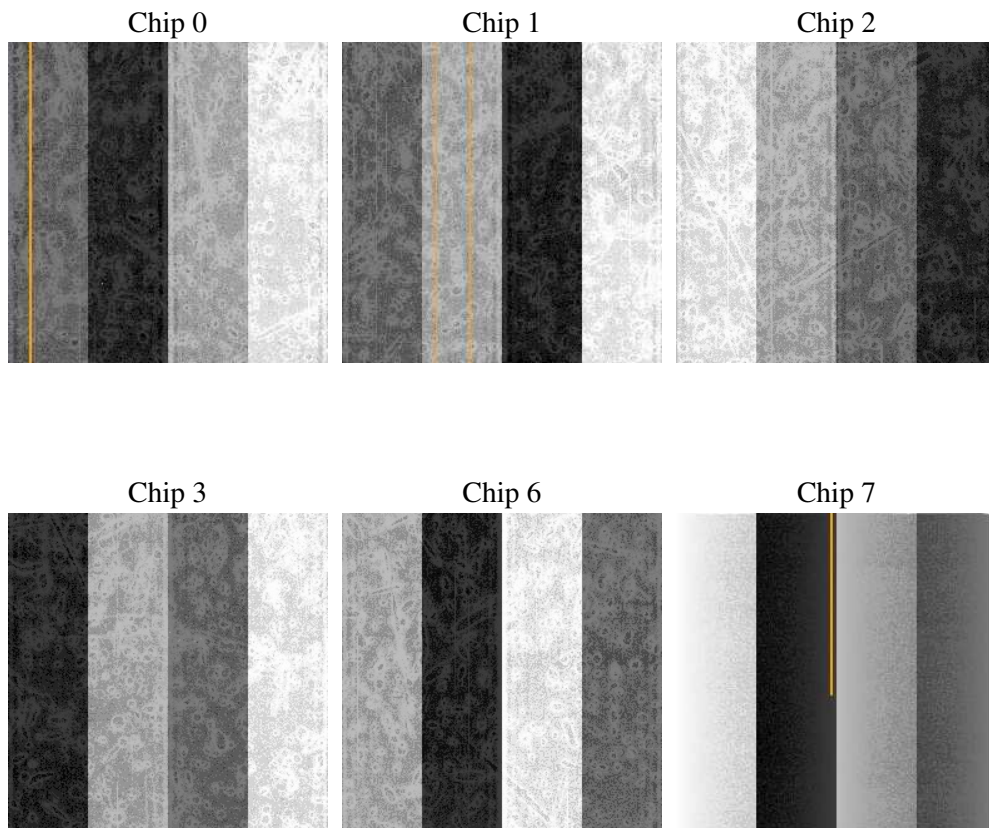
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-06T20:28:26
revision	3

sched_exp_time	0.0
ontime	5911.6011498868
ontime0	2498.8391620517
ontime1	2544.2138215601
ontime2	2391.8854303211
ontime3	2359.474960655
ontime6	2647.9269516915
ontime7	5911.6011498868
l1events	1422318

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	191063	193753	186949	184029	212950	453574
rejected events	18694	17662	19251	19926	20147	44649
rejected %	9%	9%	10%	10%	9%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	94845	97383	93005	92210	105359	78008
	49%	50%	49%	50%	49%	17%
grade 1 events	508	523	450	489	511	194
	0%	0%	0%	0%	0%	0%
grade 2 events	30597	30943	29309	28444	33376	121589
	16%	15%	15%	15%	15%	26%
grade 3 events	10804	11162	10700	10159	11911	31685
	5%	5%	5%	5%	5%	6%
grade 4 events	10940	11104	10613	10472	11857	31244
	5%	5%	5%	5%	5%	6%
grade 5 events	1377	1472	1365	1395	1599	6606
	0%	0%	0%	0%	0%	1%
grade 6 events	25315	25499	24071	22818	30300	146504
	13%	13%	12%	12%	14%	32%
grade 7 events	16677	15667	17436	18042	18037	37744
	8%	8%	9%	9%	8%	8%

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	0.03456801740849853	Alternating exposures requested	N	N
Pointing Dec	0	34.99503318527556	Primary exposure time	3.2	3.2
Pointing Roll	0.0	317.4654663787383			
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	97998680.284233	97998679.515764			
Observation start date	2001-02-08T05:51:20	2001-02-08T05:51:19			
Observation end time	98010383.73468401	98010382.966215			
Observation end date	2001-02-08T09:06:24	2001-02-08T09:06:22			
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)	2006.11.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.91084998

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the last ksec of the observation.