

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61970 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 2 2007

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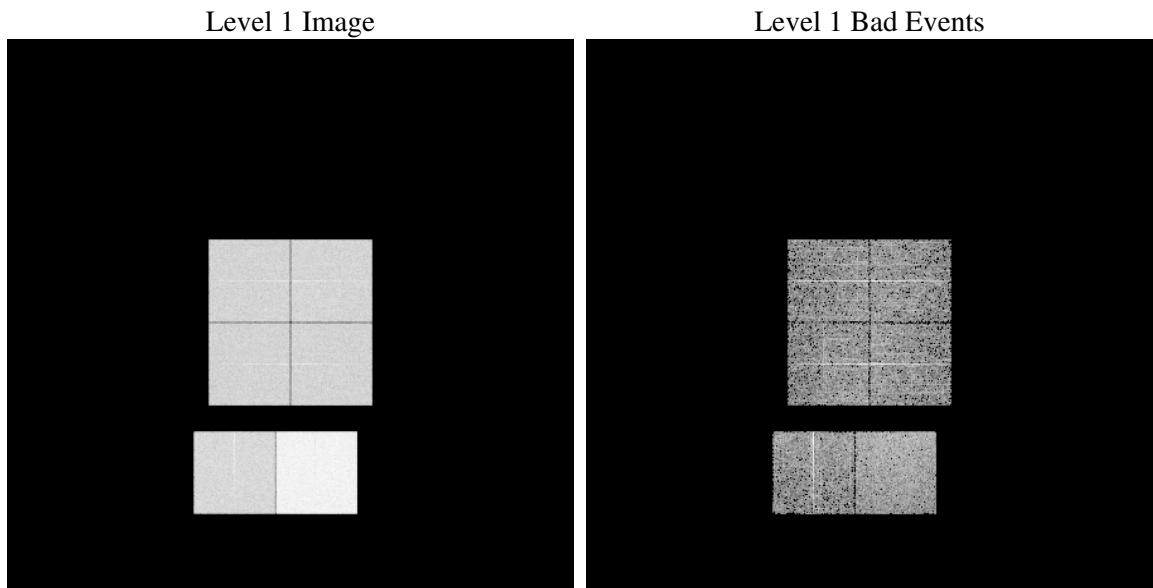
1 Front

seq_num	
obs_id	61970
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	176.83683101478
dec_nom	-44.387182536221
roll_nom	218.46363128614
revision	3
ontime	5050.6630228311
livetime	4986.7084864918
ontime0	2263.4432519227
ontime1	2305.6176822186
ontime2	2182.4993221909
ontime3	2193.8833220899
ontime6	2425.6180524975
ontime7	5050.6630228311
l2events	1266477

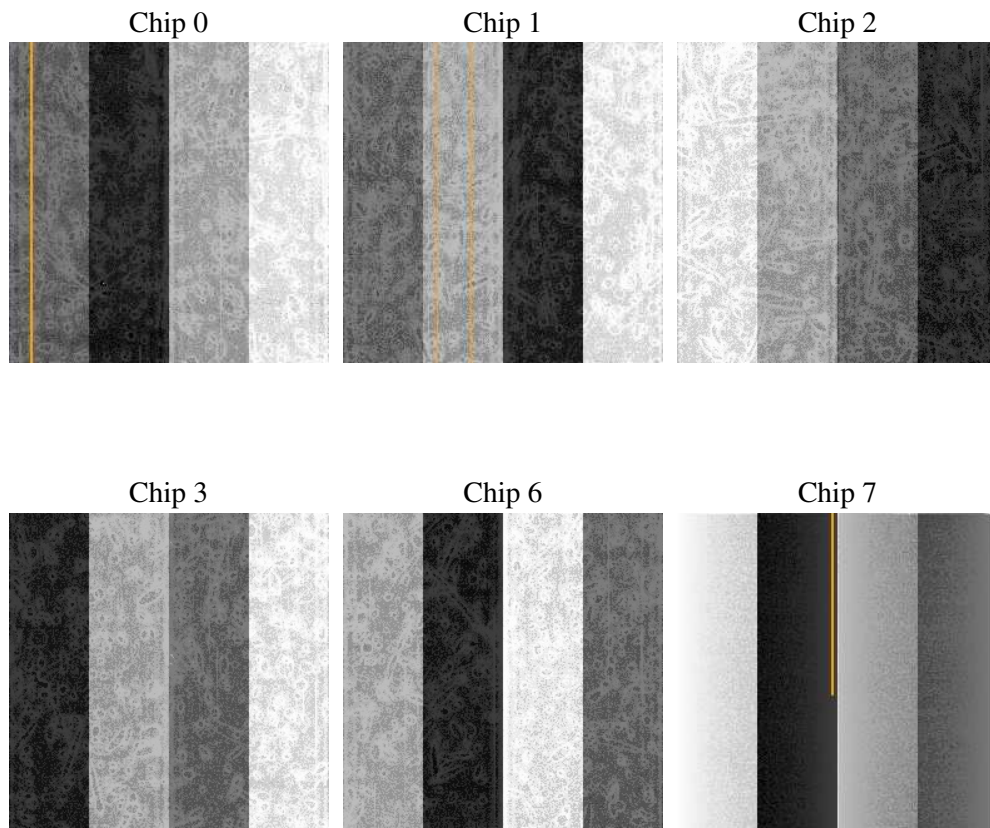
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-02T14:00:00
revision	3

sched_exp_time	0.0
ontime	5050.6630228311
ontime0	2263.4432519227
ontime1	2305.6176822186
ontime2	2182.4993221909
ontime3	2193.8833220899
ontime6	2425.6180524975
ontime7	5050.6630228311
l1events	1433124

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	194867	200499	192152	192739	220074	432793
rejected events	17193	17496	17557	17913	18559	24091
rejected %	8%	8%	9%	9%	8%	5%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	98438	101282	97811	97745	110025	106752
	50%	50%	50%	50%	49%	24%
grade 1 events	493	488	479	517	533	259
	0%	0%	0%	0%	0%	0%
grade 2 events	31218	32112	30285	30581	34944	90918
	16%	16%	15%	15%	15%	21%
grade 3 events	11251	11608	11089	11095	12386	42130
	5%	5%	5%	5%	5%	9%
grade 4 events	11168	11864	11013	11409	12577	41774
	5%	5%	5%	5%	5%	9%
grade 5 events	1374	1339	1295	1342	1579	5558
	0%	0%	0%	0%	0%	1%
grade 6 events	25834	26404	24633	24268	31853	127389
	13%	13%	12%	12%	14%	29%
grade 7 events	15091	15402	15547	15782	16177	18013
	7%	7%	8%	8%	7%	4%

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	176.8368310147808	Alternating exposures requested	N	N
Pointing Dec	0	-44.38718253622073	Primary exposure time	3.2	3.2
Pointing Roll	0.0	218.4636312861355			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	82233511.385591	82233510.617137			
Observation start date	2000-08-09T18:38:31	2000-08-09T18:38:30			
Observation end time	82282180.43740299	82282179.66895001			
Observation end date	2000-08-10T08:09:40	2000-08-10T08:09:39			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.05066302

A.2 Comments