

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59494 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Mar 20 2006

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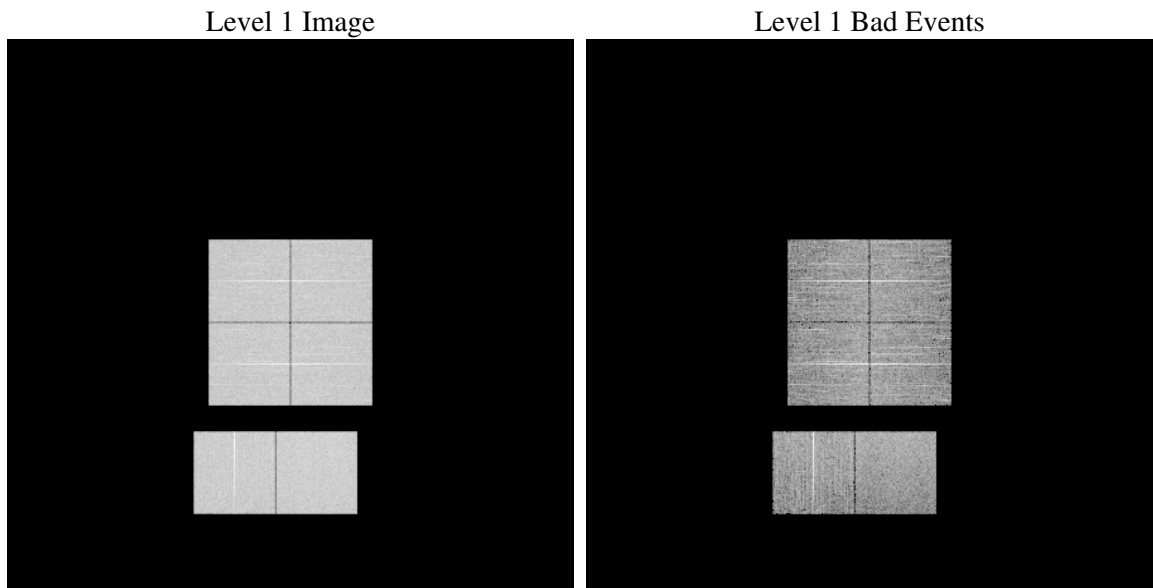
1 Front

seq_num	
obs_id	59494
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	354.99938763077
dec_nom	-28.9713802171
roll_nom	58.172336047452
revision	2
ontime	6719.2128528655
livetime	6634.1301338982
ontime0	6709.5309518874
ontime1	6696.6078717411
ontime2	6660.998257488
ontime3	6660.8338389695
ontime6	6719.3770128489
ontime7	6719.2128528655
l2events	858930

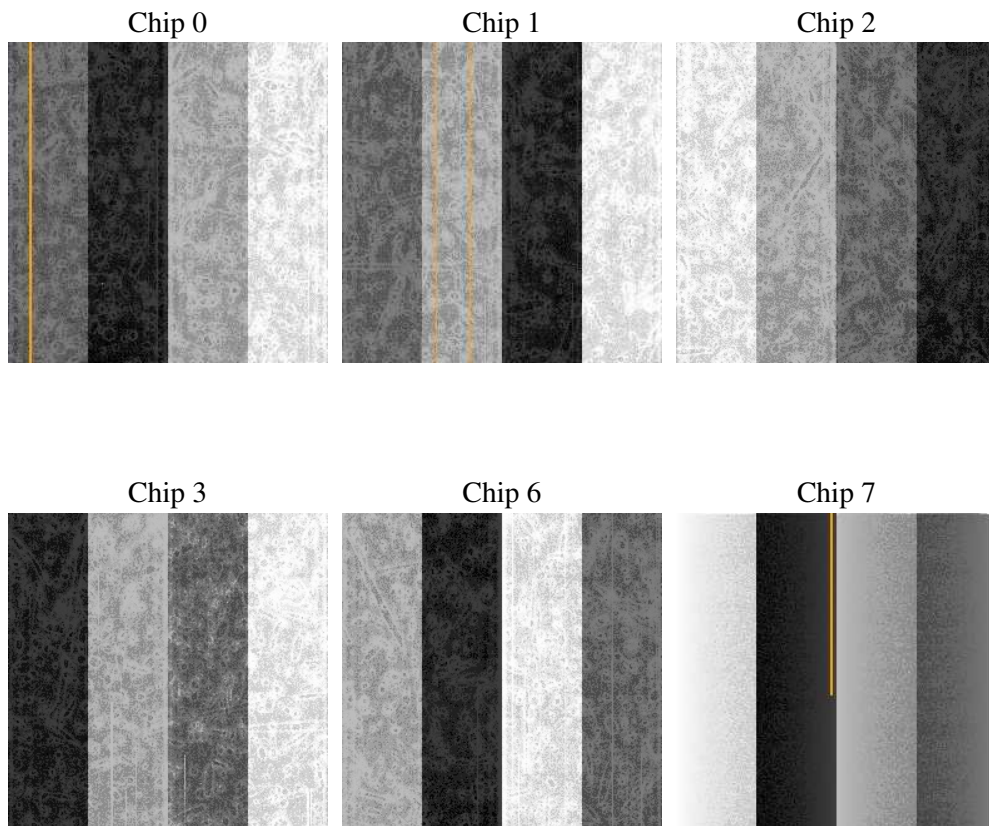
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-20T22:19:22
revision	2

sched_exp_time	0.0
ontime	6721.8593881726
ontime0	6712.1364471912
ontime1	6699.1723270416
ontime2	6663.5216727853
ontime3	6663.5214142799
ontime6	6721.8593881726
ontime7	6721.8593881726
l1events	1206445

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	195126	195256	199259	198302	206479	212023
rejected events	48537	48055	51590	50470	53450	50539
rejected %	24%	24%	25%	25%	25%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	79969	77493	83494	83535	78126	25141
	40%	39%	41%	42%	37%	11%
grade 1 events	433	352	511	473	304	67
	0%	0%	0%	0%	0%	0%
grade 2 events	26097	29422	23683	24296	31663	49917
	13%	15%	11%	12%	15%	23%
grade 3 events	9329	9090	9739	9517	8853	10985
	4%	4%	4%	4%	4%	5%
grade 4 events	9266	8899	9579	9628	8945	10512
	4%	4%	4%	4%	4%	4%
grade 5 events	2661	2810	2635	2959	3059	5529
	1%	1%	1%	1%	1%	2%
grade 6 events	22011	22365	21242	20931	25513	65012
	11%	11%	10%	10%	12%	30%
grade 7 events	45360	44825	48376	46963	50016	44860
	23%	22%	24%	23%	24%	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	354.9993876307734	Alternating exposures requested	N	N
Pointing Dec	0	-28.97138021709976	Primary exposure time	3.2	3.2
Pointing Roll	0.0	58.17233604745156			
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	241021555.251153	241021554.22614			
Observation start date	2005-08-21T14:25:55	2005-08-21T14:25:54			
Observation end time	241037945.001906	241037943.97689			
Observation end date	2005-08-21T18:59:05	2005-08-21T18:59:03			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.71921285

A.2 Comments