

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59771 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 25 2006

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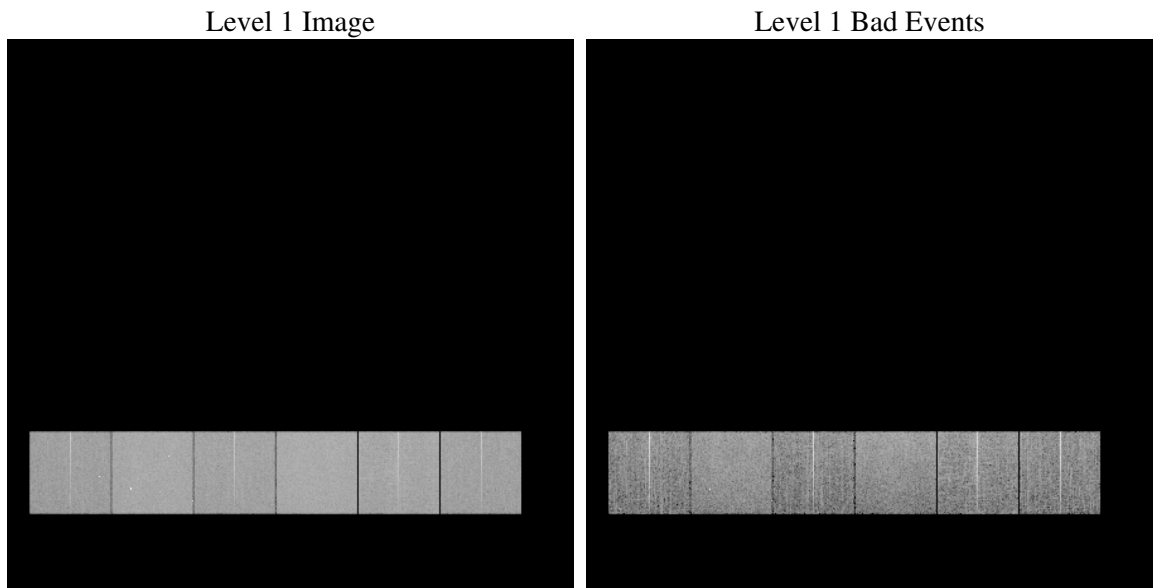
1 Front

seq_num	
obs_id	59771
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	147.02853172853
dec_nom	-12.003462489017
roll_nom	317.35922923805
revision	2
ontime	8243.1999692917
livetime	8138.8196078214
ontime4	6525.4811858833
ontime5	8243.1999692917
ontime6	7058.6995287538
ontime7	8243.1999692917
ontime8	7303.3163339496
ontime9	6839.8563027978
l2events	1077682

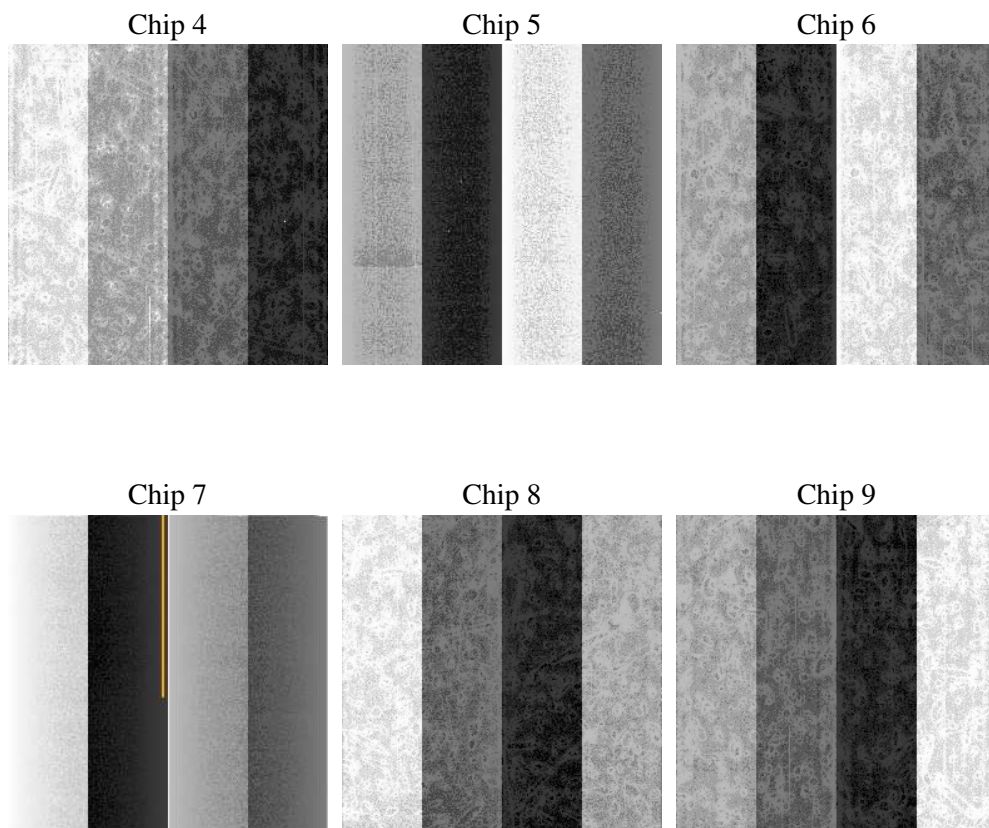
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T18:16:03
revision	2

sched_exp_time	0.0
ontime	8284.0165250599
ontime4	6559.8158010244
ontime5	8284.0165250599
ontime6	7091.3365365863
ontime7	8284.0165250599
ontime8	7344.132909596
ontime9	6870.9499177337
l1events	1492836

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	212851	270961	238255	285080	259724	225965
rejected events	53079	65652	52357	62702	60496	53286
rejected %	24%	24%	21%	21%	23%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	93018	22157	101478	37351	107882	95062
	43%	8%	42%	13%	41%	42%
grade 1 events	732	117	547	118	629	586
	0%	0%	0%	0%	0%	0%
grade 2 events	25644	96030	32384	67581	35330	30056
	12%	35%	13%	23%	13%	13%
grade 3 events	10744	6327	11633	15812	13226	11102
	5%	2%	4%	5%	5%	4%
grade 4 events	10635	6012	11793	15442	13310	11116
	4%	2%	4%	5%	5%	4%
grade 5 events	3000	6265	3415	7124	4097	3616
	1%	2%	1%	2%	1%	1%
grade 6 events	20631	75807	29457	87249	30641	26084
	9%	27%	12%	30%	11%	11%
grade 7 events	48447	58246	47548	54403	54609	48343
	22%	21%	19%	19%	21%	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	147.0285317285265	Alternating exposures requested	N	N
Pointing Dec	0	-12.00346248901718	Primary exposure time	3.2	3.2
Pointing Roll	0.0	317.3592292380478			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	226208176.675728	226208175.65073			
Observation start date	2005-03-03T03:36:17	2005-03-03T03:36:15			
Observation end time	226230825.076754	226230824.05175			
Observation end date	2005-03-03T09:53:45	2005-03-03T09:53:44			
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)	2006.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.24319996

A.2 Comments