

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59405 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 1 2006

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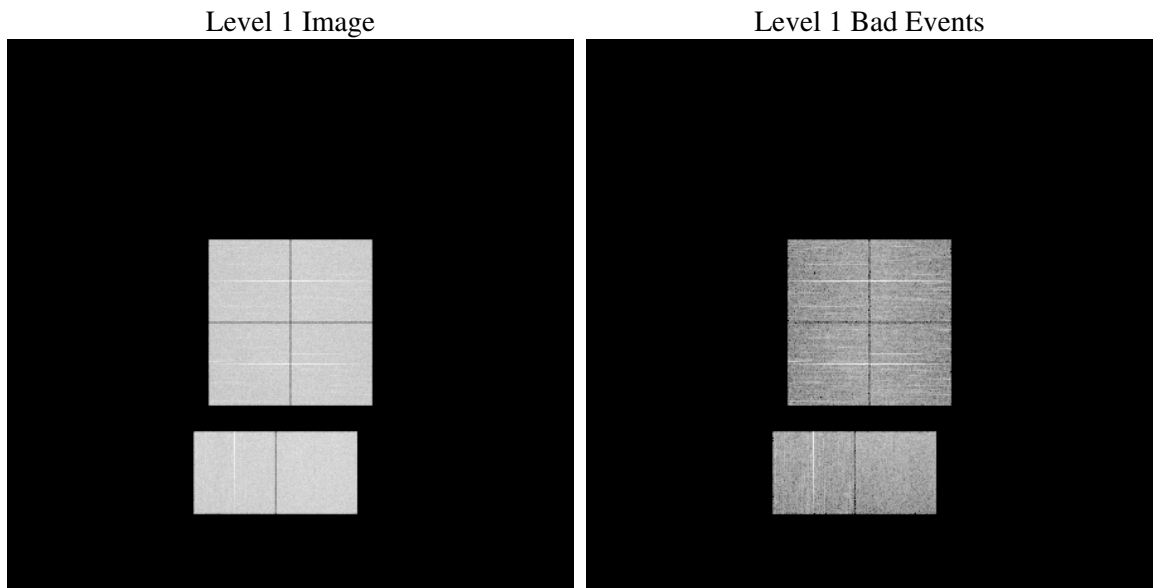
1 Front

seq_num	
obs_id	59405
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	39.513260362023
dec_nom	-8.4697938754203
roll_nom	60.898263599655
revision	2
ontime	8214.399969399
livetime	8110.3842908686
ontime0	7494.9021039307
ontime1	7809.2775812149
ontime2	7310.1661076546
ontime3	7456.0106983483
ontime6	7854.6510468721
ontime7	8214.399969399
l2events	1071281

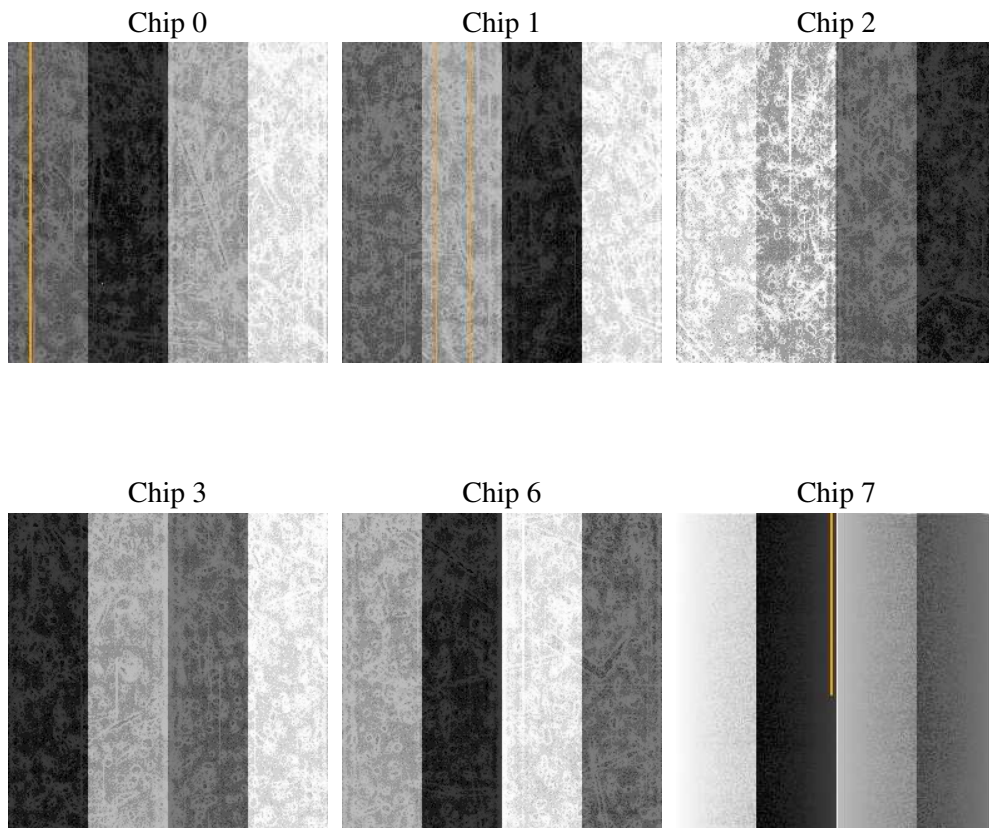
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-01T06:13:11
revision	2

sched_exp_time	0.0
ontime	8284.0202312469
ontime0	7558.0403852165
ontime1	7878.8978430629
ontime2	7379.7863695025
ontime3	7519.1489697099
ontime6	7924.2713087201
ontime7	8284.0202312469
l1events	1486888

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	234503	246209	233207	239129	259619	274221
rejected events	55283	58628	57833	58942	64390	65177
rejected %	23%	23%	24%	24%	24%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	98014	101024	98536	100794	104505	32306
	41%	41%	42%	42%	40%	11%
grade 1 events	578	542	635	664	545	100
	0%	0%	0%	0%	0%	0%
grade 2 events	31581	34873	29455	30502	34389	66439
	13%	14%	12%	12%	13%	24%
grade 3 events	11476	11732	11342	11738	12023	13553
	4%	4%	4%	4%	4%	4%
grade 4 events	11559	11657	11324	11764	11907	13367
	4%	4%	4%	4%	4%	4%
grade 5 events	3136	3446	3111	3408	3776	6770
	1%	1%	1%	1%	1%	2%
grade 6 events	28021	29800	26246	26796	34093	85082
	11%	12%	11%	11%	13%	31%
grade 7 events	50138	53135	52558	53463	58381	56604
	21%	21%	22%	22%	22%	20%

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	39.51326036202277	Alternating exposures requested	N	N
Pointing Dec	0	-8.469793875420331	Primary exposure time	3.2	3.2
Pointing Roll	0.0	60.89826359965544			
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	245171392.991836	245171391.96684			
Observation start date	2005-10-08T15:09:53	2005-10-08T15:09:51			
Observation end time	245195351.342939	245195350.31794			
Observation end date	2005-10-08T21:49:11	2005-10-08T21:49:10			
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)	2006.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.21439996

A.2 Comments