

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59797 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 23 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	8
2.5	FID Slots	8
A	Summary	9
A.1	Status	9
A.2	Comments	9

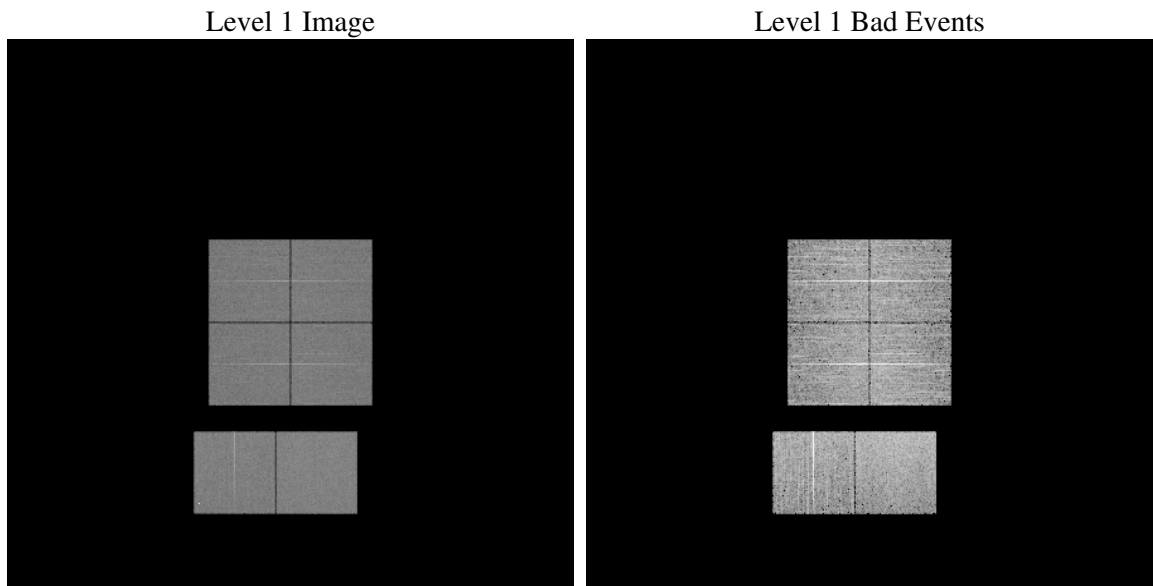
1 Front

seq_num	
obs_id	59797
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	154.9697809162
dec_nom	21.49501870009
roll_nom	157.6411205459
revision	2
ontime	6350.6875558794
livetime	6270.2713261219
ontime0	5582.6157569885
ontime1	5722.0194278657
ontime2	5508.1552694738
ontime3	5614.9434600472
ontime6	6010.5484351814
ontime7	6350.6875558794
l2events	860179

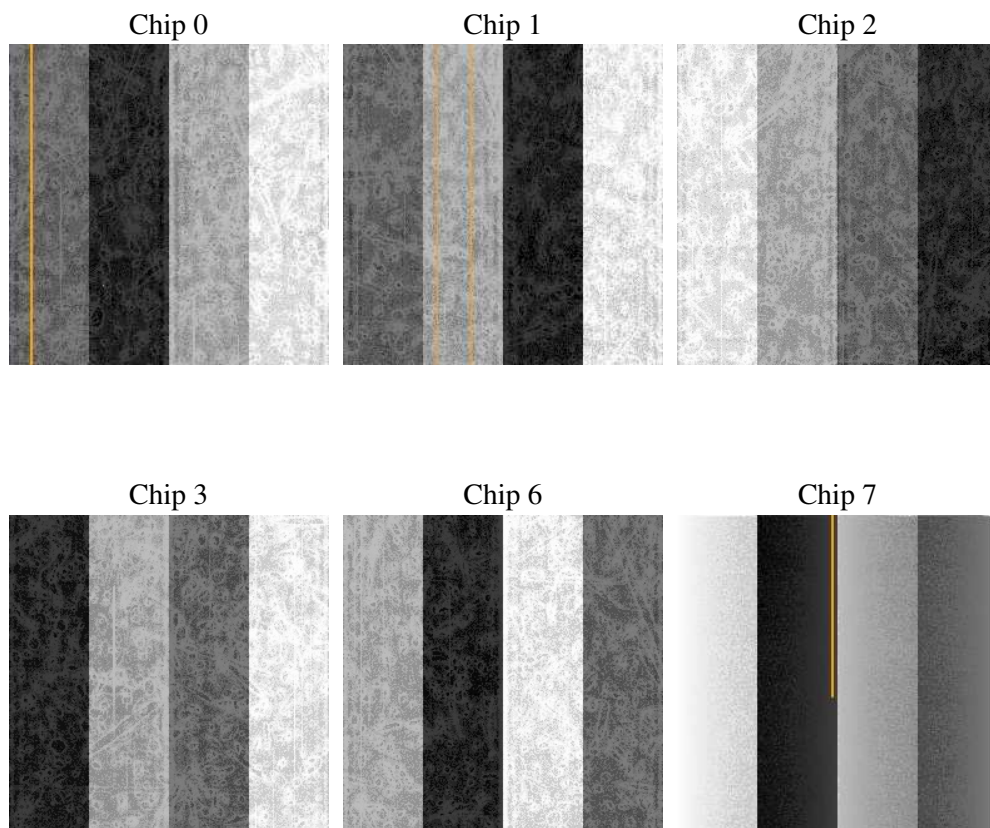
2 OBI

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	2006-02-24T02:09:26
revision	2

sched_exp_time	0.0
ontime	6352.3804773092
ontime0	5584.2676384151
ontime1	5723.630269289
ontime2	5509.7250708938
ontime3	5616.6774214804
ontime6	6012.0771966279
ontime7	6352.3804773092
l1events	1150979

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	179666	183712	179251	185846	204511	217993
rejected events	38372	37939	38440	41936	43035	45639
rejected %	21%	20%	21%	22%	21%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	77366	79459	78700	80777	86627	29124
	43%	43%	43%	43%	42%	13%
grade 1 events	406	400	474	485	440	88
	0%	0%	0%	0%	0%	0%
grade 2 events	24952	26193	23375	24566	29433	52177
	13%	14%	13%	13%	14%	23%
grade 3 events	9181	9122	9317	9428	10065	12029
	5%	4%	5%	5%	4%	5%
grade 4 events	9097	9345	9323	9514	9967	11916
	5%	5%	5%	5%	4%	5%
grade 5 events	2361	2428	2314	2664	2851	5285
	1%	1%	1%	1%	1%	2%
grade 6 events	20766	21654	20096	19708	25384	67209
	11%	11%	11%	10%	12%	30%
grade 7 events	35537	35111	35652	38704	39744	40165
	19%	19%	19%	20%	19%	18%

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	154.9697809161992	Alternating exposures requested	N	N
Pointing Dec	0	21.49501870009017	Primary exposure time	3.2	3.2
Pointing Roll	0.0	157.6411205458984			
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	225025094.972162	225025093.94716			
Observation start date	2005-02-17T10:58:15	2005-02-17T10:58:13			
Observation end time	225043866.823011	225043865.79801			
Observation end date	2005-02-17T16:11:07	2005-02-17T16:11:05			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.35068755

A.2 Comments