

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60547 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 4 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

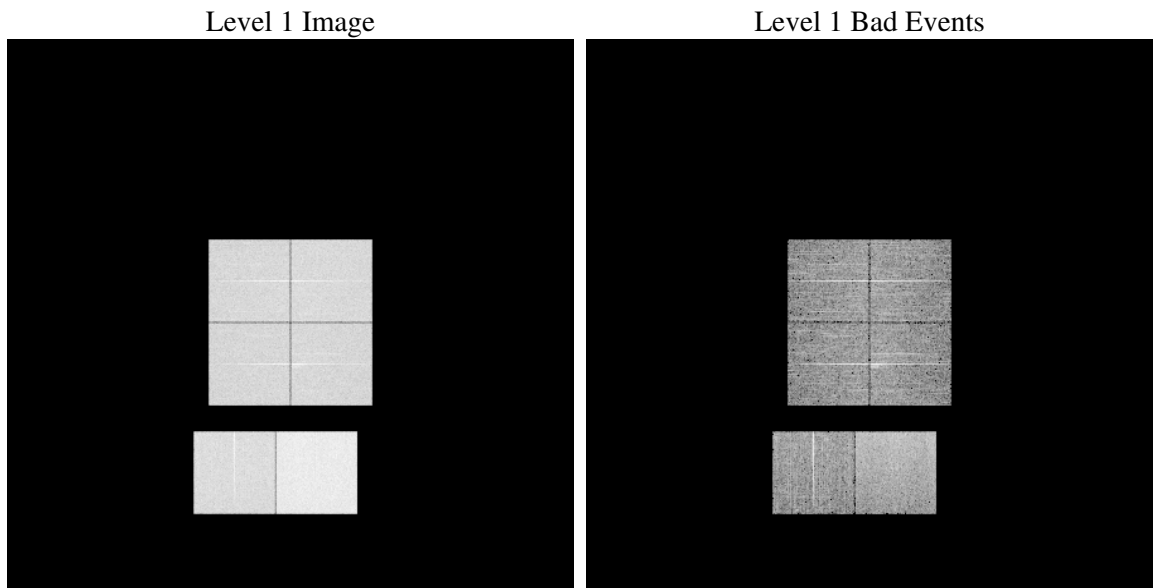
1 Front

seq_num	
obs_id	60547
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	306.0370804956
dec_nom	-47.013367712117
roll_nom	299.23698582706
revision	2
ontime	8399.9999687076
livetime	8293.634111231
ontime0	5272.4629250467
ontime1	5502.5729700625
ontime2	5090.9685707092
ontime3	5107.172136277
ontime6	5651.6576927304
ontime7	8399.9999687076
l2events	1231391

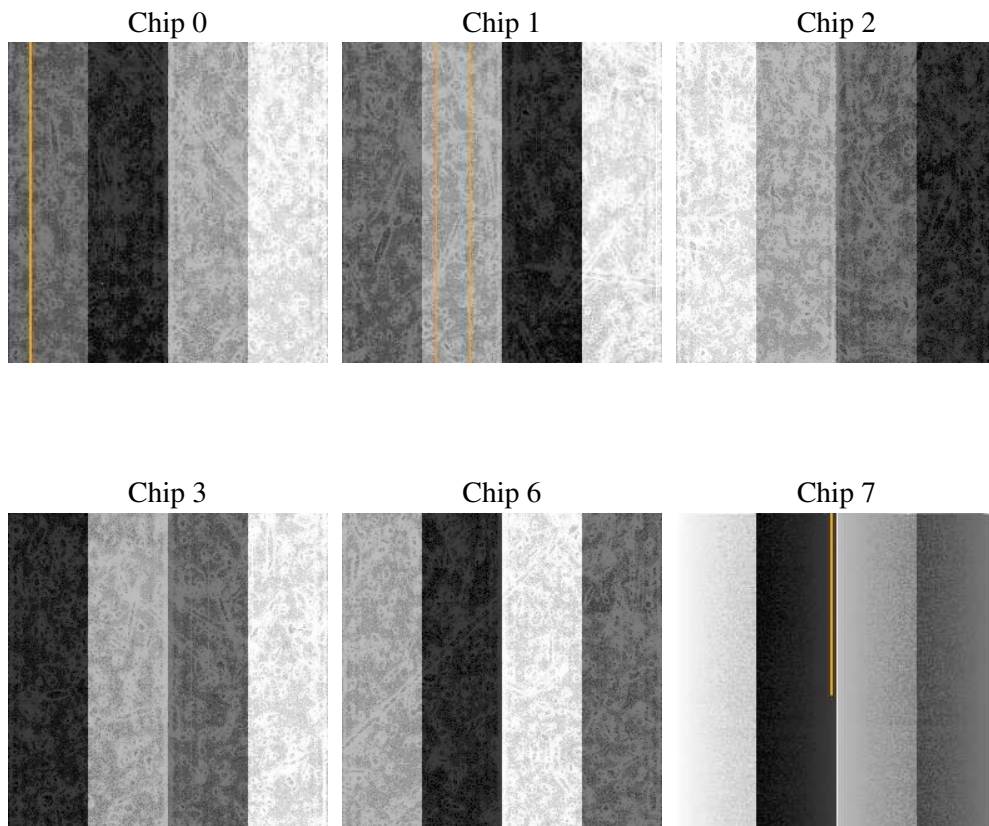
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-04T13:19:41
revision	2

sched_exp_time	0.0
ontime	8462.2574829161
ontime0	5315.2746176124
ontime1	5545.384652704
ontime2	5133.7802533507
ontime3	5146.7428884506
ontime6	5691.2284149826
ontime7	8462.2574829161
l1events	1538483

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	228207	236389	221747	224480	255459	372201
rejected events	36983	37152	35670	36979	40649	60775
rejected %	16%	15%	16%	16%	15%	16%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	106419	110379	105218	106006	117621	54928
	46%	46%	47%	47%	46%	14%
grade 1 events	587	504	641	631	561	147
	0%	0%	0%	0%	0%	0%
grade 2 events	33555	35262	31379	32277	36940	95498
	14%	14%	14%	14%	14%	25%
grade 3 events	12517	12571	12497	12228	13328	22595
	5%	5%	5%	5%	5%	6%
grade 4 events	12407	12893	12168	12126	13587	22140
	5%	5%	5%	5%	5%	5%
grade 5 events	2298	2369	2139	2323	2626	7305
	1%	1%	0%	1%	1%	1%
grade 6 events	27843	29685	26294	26371	34774	118573
	12%	12%	11%	11%	13%	31%
grade 7 events	32581	32726	31411	32518	36022	51015
	14%	13%	14%	14%	14%	13%

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	306.0370804955969	Alternating exposures requested	N	N
Pointing Dec	0	-47.01336771211663	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	299.2369858270601			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	180514082.605331	180514081.58061			
Observation start date	2003-09-21T06:48:03	2003-09-21T06:48:01			
Observation end time	180536644.9063	180536643.88157			
Observation end date	2003-09-21T13:04:05	2003-09-21T13:04:03			
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)	2006.07.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.39999996

A.2 Comments