

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60378 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 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

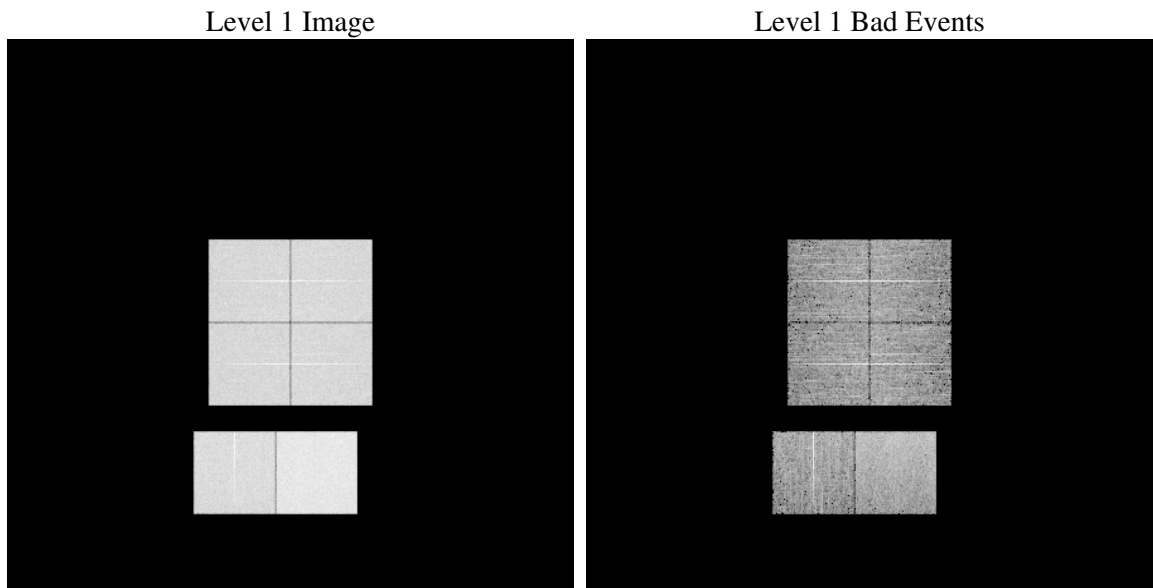
1 Front

seq_num	
obs_id	60378
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	145.9453137192
dec_nom	62.985780645614
roll_nom	176.95159623083
revision	2
ontime	7804.7999709249
livetime	7705.9708942067
ontime0	5550.1250799298
ontime1	5698.162720561
ontime2	5399.9918881953
ontime3	5439.8493829668
ontime6	5863.4525950253
ontime7	7804.7999709249
l2events	1130237

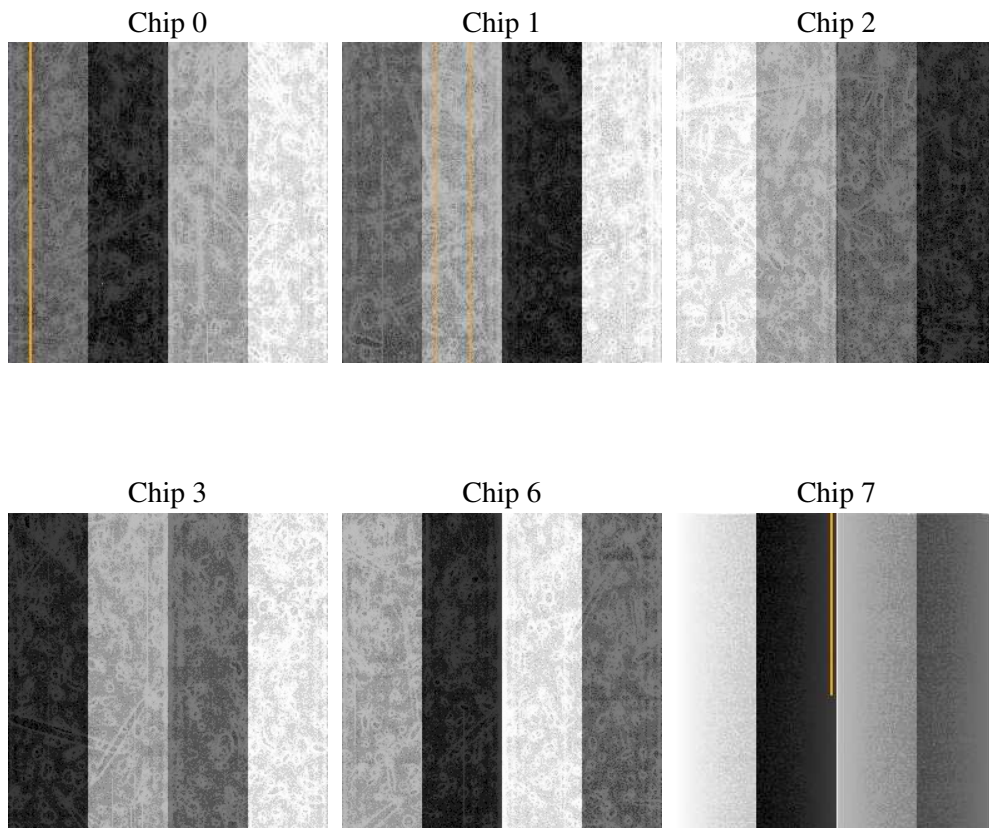
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-06-05T01:29:57
revision	2

sched_exp_time	0.0
ontime	7807.5898613036
ontime0	5551.8674377501
ontime1	5700.9526109397
ontime2	5402.781778574
ontime3	5441.6738207936
ontime6	5866.242485404
ontime7	7807.5898613036
l1events	1418420

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	215432	221009	212061	215682	237593	316643
rejected events	35318	34951	34489	36619	38545	53546
rejected %	16%	15%	16%	16%	16%	16%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	99563	101884	99887	101042	108308	45728
	46%	46%	47%	46%	45%	14%
grade 1 events	548	467	581	548	484	130
	0%	0%	0%	0%	0%	0%
grade 2 events	31661	33376	29603	30320	34499	80542
	14%	15%	13%	14%	14%	25%
grade 3 events	11510	11508	11560	11571	12203	18797
	5%	5%	5%	5%	5%	5%
grade 4 events	11366	11670	11542	11841	12193	18659
	5%	5%	5%	5%	5%	5%
grade 5 events	2358	2481	2180	2457	2580	6345
	1%	1%	1%	1%	1%	2%
grade 6 events	26136	27724	25105	24401	31845	99486
	12%	12%	11%	11%	13%	31%
grade 7 events	32290	31899	31603	33502	35481	46956
	14%	14%	14%	15%	14%	14%

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	145.9453137191961	Alternating exposures requested	N	N
Pointing Dec	0	62.98578064561386	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	176.9515962308317			
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	192811871.188253	192811870.16354			
Observation start date	2004-02-10T14:51:11	2004-02-10T14:51:10			
Observation end time	192832326.089148	192832325.06443			
Observation end date	2004-02-10T20:32:06	2004-02-10T20:32:05			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80479997

A.2 Comments

The ACIS focal plane temperature was above calibration limits after the first 2 ksec of the observation.