

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61792 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 2 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

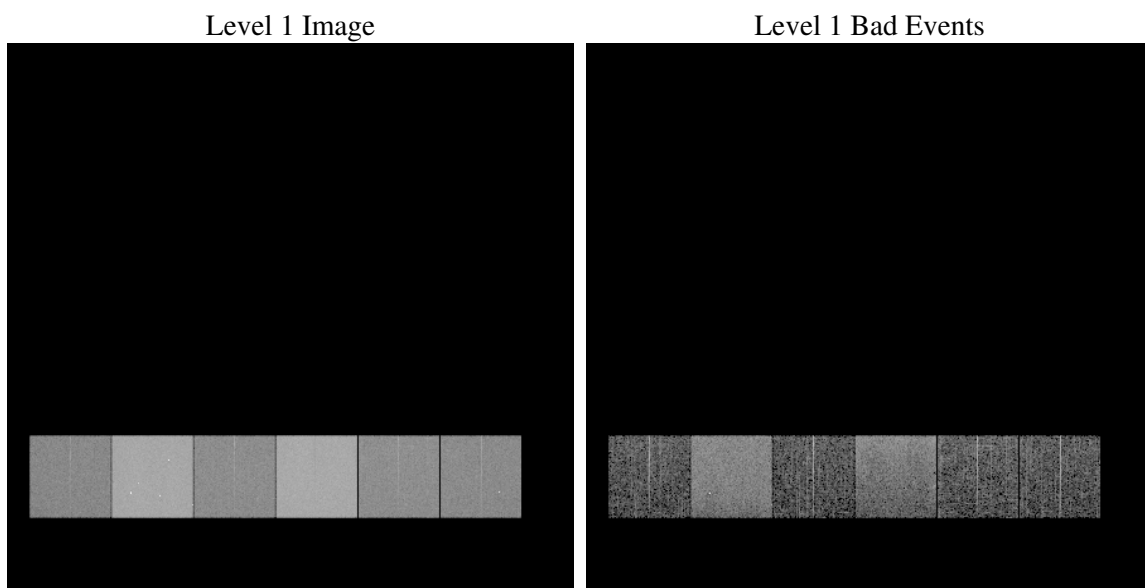
1 Front

seq_num	
obs_id	61792
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	92.631848721582
dec_nom	-30.591499007473
roll_nom	344.62793553289
revision	3
ontime	5286.0846865773
livetime	5219.1490993778
ontime4	2184.5610612631
ontime5	5658.8371423632
ontime6	2353.0541407317
ontime7	5286.0846865773
ontime8	2411.4749504924
ontime9	2278.3870909363
l2events	1327409

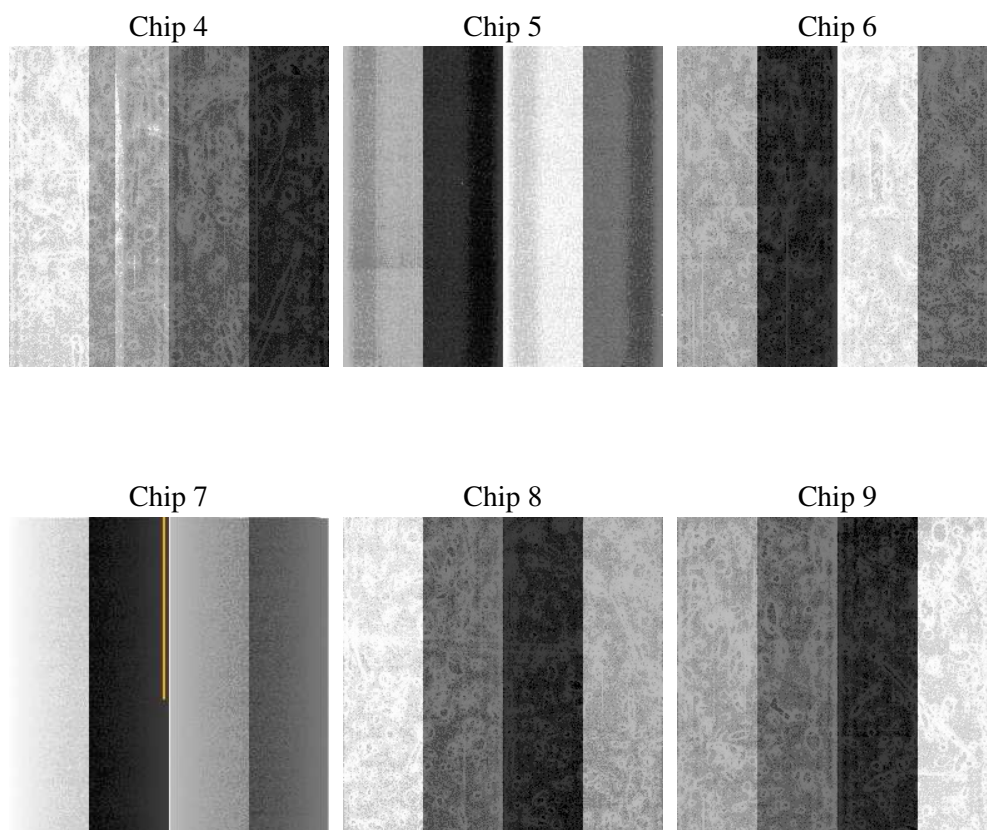
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-03T00:27:19
revision	3

sched_exp_time	0.0
ontime	5289.3467758745
ontime4	2187.7000305653
ontime5	5662.0581916571
ontime6	2356.2341500372
ontime7	5289.3467758745
ontime8	2414.5728797913
ontime9	2281.6902202368
l1events	1553471

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	168808	399216	192868	411175	199951	181453
rejected events	18572	50577	18226	38291	20667	18585
rejected %	11%	12%	9%	9%	10%	10%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	85330	44769	95528	71795	98823	89434
	50%	11%	49%	17%	49%	49%
grade 1 events	456	113	505	163	489	475
	0%	0%	0%	0%	0%	0%
grade 2 events	26518	168023	30483	109854	31518	29106
	15%	42%	15%	26%	15%	16%
grade 3 events	9344	12139	10705	28711	11407	10125
	5%	3%	5%	6%	5%	5%
grade 4 events	9005	11958	10656	28556	11342	10173
	5%	2%	5%	6%	5%	5%
grade 5 events	1221	6181	1504	5754	1618	1488
	0%	1%	0%	1%	0%	0%
grade 6 events	20251	111959	27513	134214	26460	24259
	11%	28%	14%	32%	13%	13%
grade 7 events	16683	44074	15974	32128	18294	16393
	9%	11%	8%	7%	9%	9%

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	92.63184872158212	Alternating exposures requested	N	N
Pointing Dec	0	-30.5914990074726	Primary exposure time	3.2	3.2
Pointing Roll	0.0	344.6279355328888			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	95061132.67129301	95061131.90282799			
Observation start date	2001-01-05T05:52:13	2001-01-05T05:52:11			
Observation end time	95082442.42211001	95082441.65364499			
Observation end date	2001-01-05T11:47:22	2001-01-05T11:47:21			
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)	2006.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.28608468

A.2 Comments