

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61779 - 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

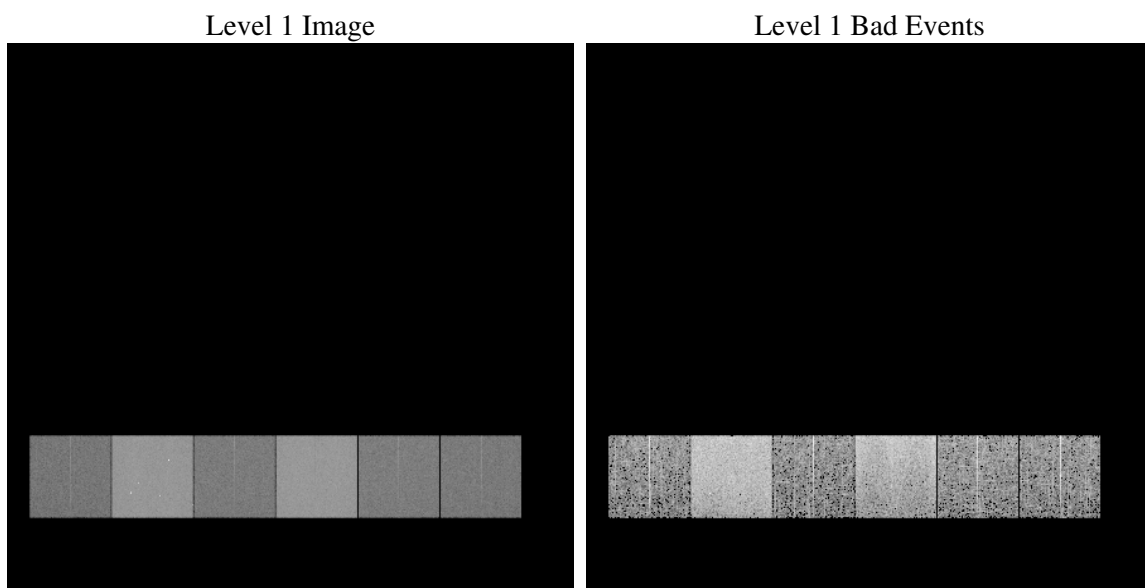
1 Front

seq_num	
obs_id	61779
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	353.99141698178
dec_nom	32.409178425434
roll_nom	305.13956269769
revision	3
ontime	4877.5151366889
livetime	4815.7531031412
ontime4	1944.4026257396
ontime5	5228.4011006206
ontime6	2125.9007755369
ontime7	4877.5151366889
ontime8	2213.40871571
ontime9	2103.9934457392
l2events	1221627

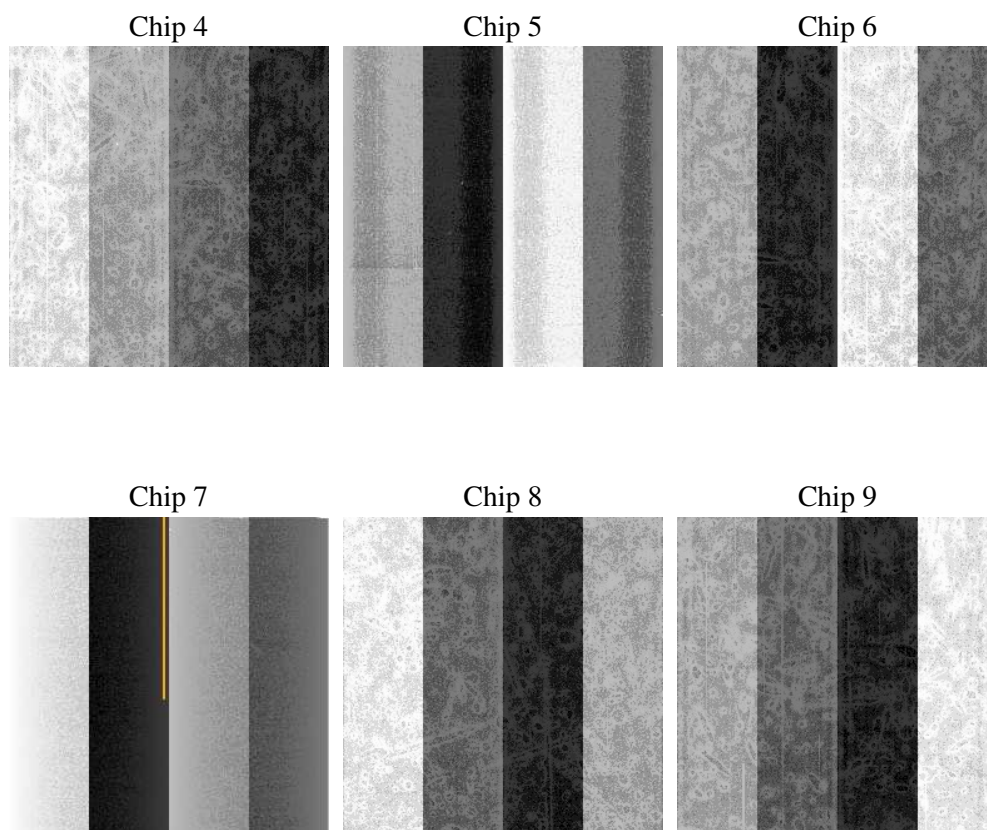
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-03T01:18:38
revision	3

sched_exp_time	0.0
ontime	4880.9756615609
ontime4	1947.8631506115
ontime5	5230.9995454997
ontime6	2129.3613004088
ontime7	4880.9756615609
ontime8	2216.869240582
ontime9	2106.6739706248
l1events	1431734

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	151992	371805	175765	381344	183210	167618
rejected events	17798	46232	17102	36369	18947	17808
rejected %	11%	12%	9%	9%	10%	10%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	76015	46618	86557	66022	90781	82245
	50%	12%	49%	17%	49%	49%
grade 1 events	397	152	439	150	434	421
	0%	0%	0%	0%	0%	0%
grade 2 events	23527	152693	27627	102216	28834	26745
	15%	41%	15%	26%	15%	15%
grade 3 events	8400	12310	9893	26330	10233	9204
	5%	3%	5%	6%	5%	5%
grade 4 events	8206	12000	9862	26294	10619	9347
	5%	3%	5%	6%	5%	5%
grade 5 events	1163	5839	1302	5247	1483	1374
	0%	1%	0%	1%	0%	0%
grade 6 events	18254	102172	24965	124321	24055	22506
	12%	27%	14%	32%	13%	13%
grade 7 events	16030	40021	15120	30764	16771	15776
	10%	10%	8%	8%	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	353.9914169817757	Alternating exposures requested	N	N
Pointing Dec	0	32.40917842543355	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	305.1395626976903			
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	95714272.94599999	95714272.17787801			
Observation start date	2001-01-12T19:17:53	2001-01-12T19:17:52			
Observation end time	95725902.597	95725901.828325			
Observation end date	2001-01-12T22:31:43	2001-01-12T22:31:41			
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	4.87751513

A.2 Comments