

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59694 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 28 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

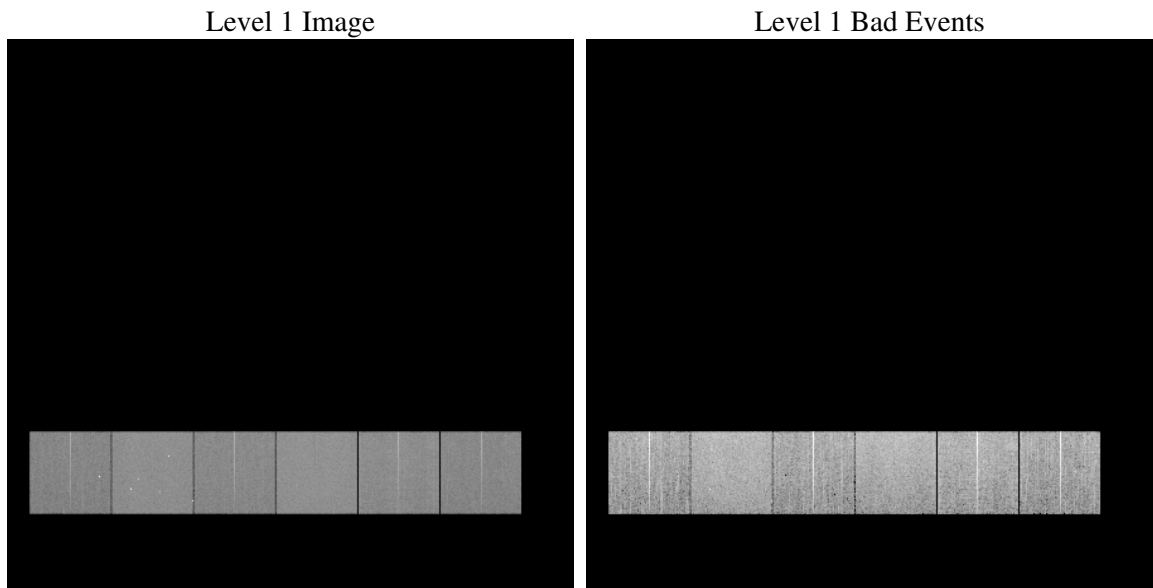
1 Front

seq_num	
obs_id	59694
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	346.57405389796
dec_nom	-12.986653271264
roll_nom	119.25933405498
revision	2
ontime	10126.273652971
livetime	9998.0486786669
ontime4	7948.4675264955
ontime5	10126.314692974
ontime6	8496.1503359973
ontime7	10126.273652971
ontime8	8810.6064931154
ontime9	8304.8105379343
l2events	1305353

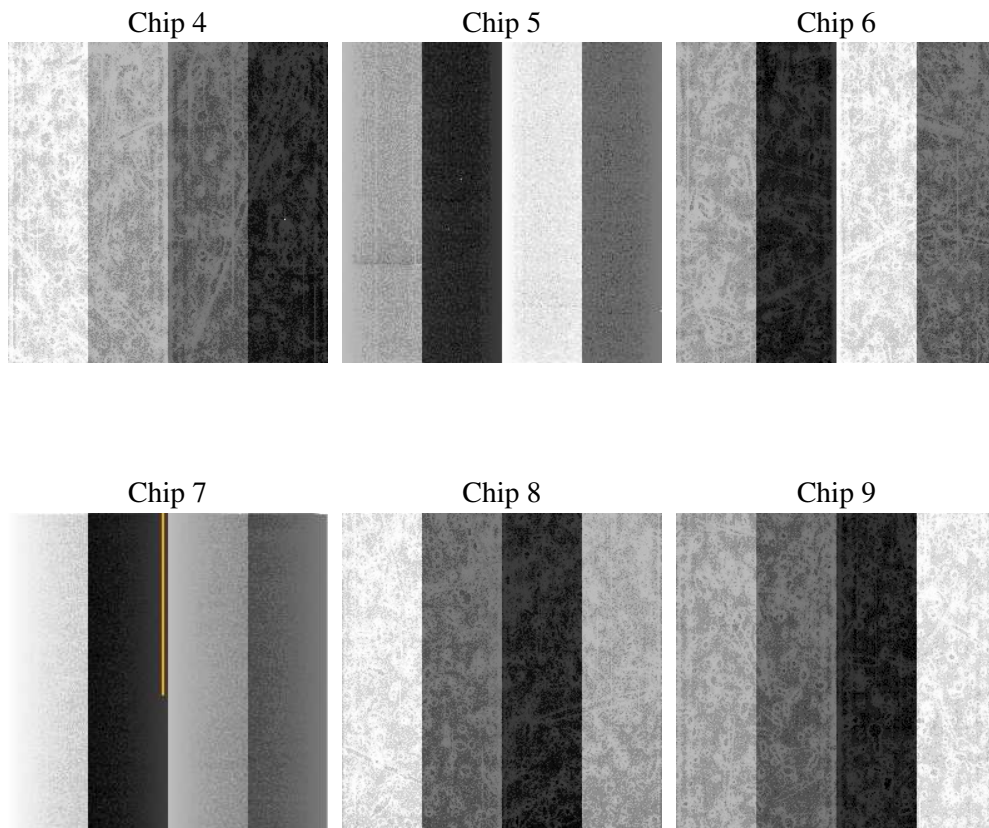
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-03-01T02:59:10
revision	2

sched_exp_time	0.0
ontime	10128.132780284
ontime4	7950.2035337985
ontime5	10128.132780284
ontime6	8497.9273833036
ontime7	10128.132780284
ontime8	8812.3014604449
ontime9	8306.7107052505
l1events	1821672

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	260143	332675	287535	350740	315422	275157
rejected events	65840	79912	66326	76989	76690	66003
rejected %	25%	24%	23%	21%	24%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	112286	29960	119761	46811	127923	114566
	43%	9%	41%	13%	40%	41%
grade 1 events	915	285	648	149	723	714
	0%	0%	0%	0%	0%	0%
grade 2 events	31027	115249	37912	82520	42438	35782
	11%	34%	13%	23%	13%	13%
grade 3 events	12852	8130	13961	19399	15735	13464
	4%	2%	4%	5%	4%	4%
grade 4 events	13082	8169	13760	19435	15500	13507
	5%	2%	4%	5%	4%	4%
grade 5 events	3812	7837	4234	9054	5347	4428
	1%	2%	1%	2%	1%	1%
grade 6 events	25132	91337	35884	105669	37220	31917
	9%	27%	12%	30%	11%	11%
grade 7 events	61037	71708	61375	67703	70536	60779
	23%	21%	21%	19%	22%	22%

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	346.5740538979583	Alternating exposures requested	N	N
Pointing Dec	0	-12.98665327126439	Primary exposure time	3.2	3.2
Pointing Roll	0.0	119.2593340549751			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	230275975.460354	230275974.43535			
Observation start date	2005-04-19T05:32:55	2005-04-19T05:32:54			
Observation end time	230297723.911343	230297722.88634			
Observation end date	2005-04-19T11:35:24	2005-04-19T11:35:22			
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)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1262736

A.2 Comments