

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60901 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 16 2006

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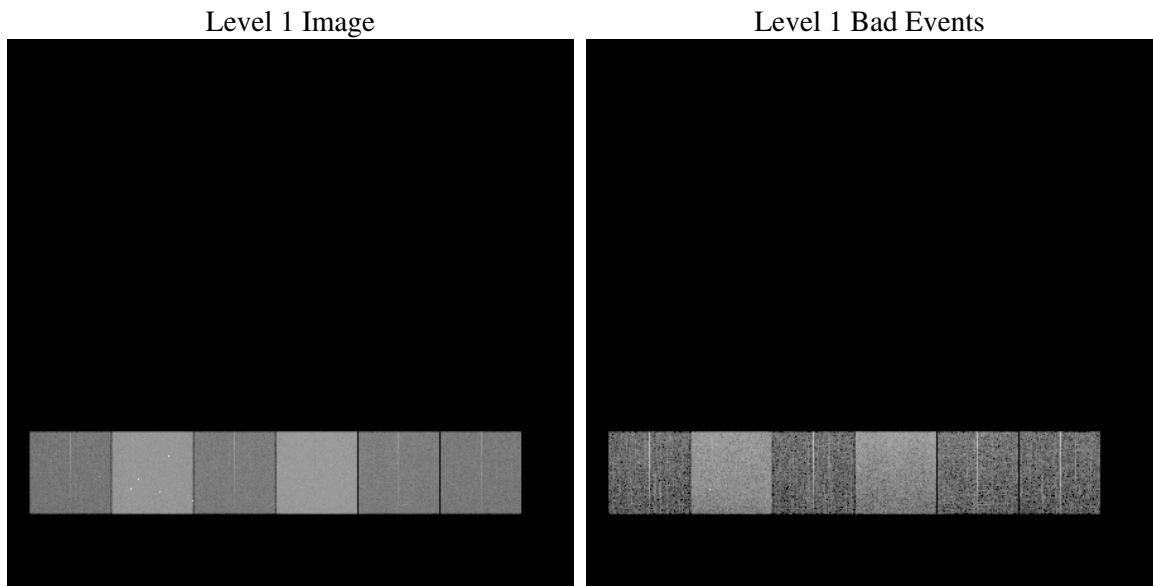
1 Front

seq_num	
obs_id	60901
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	93.727009984808
dec_nom	-0.19057719829068
roll_nom	346.29934856684
revision	2
ontime	8361.5999688506
livetime	8255.720355294
ontime4	3189.5252331495
ontime5	8361.5999688506
ontime6	3549.2378095984
ontime7	8361.5999688506
ontime8	3633.5854851902
ontime9	3445.4022065401
l2events	1242476

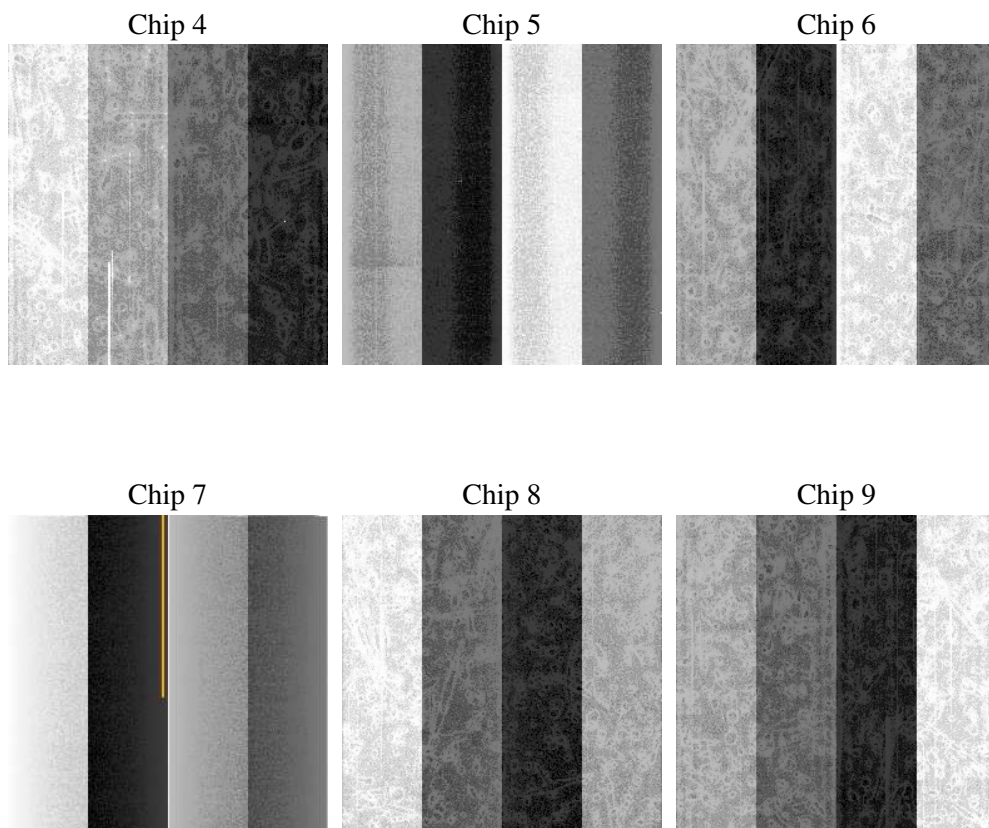
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-16T09:57:48
revision	2

sched_exp_time	0.0
ontime	8462.2624934316
ontime4	3228.0711503923
ontime5	8462.2624934316
ontime6	3587.8247867227
ontime7	8462.2624934316
ontime8	3675.3314721286
ontime9	3484.1123534739
l1events	1545015

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160248	396049	187926	429462	195256	176074
rejected events	26429	70276	27372	61467	29990	26571
rejected %	16%	17%	14%	14%	15%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	78248	41138	88697	68369	92304	83820
	48%	10%	47%	15%	47%	47%
grade 1 events	579	136	484	173	474	453
	0%	0%	0%	0%	0%	0%
grade 2 events	21849	157021	27963	111841	28989	25762
	13%	39%	14%	26%	14%	14%
grade 3 events	8995	10789	10001	27908	10692	9620
	5%	2%	5%	6%	5%	5%
grade 4 events	8952	10404	10001	27622	10666	9608
	5%	2%	5%	6%	5%	5%
grade 5 events	1585	7280	1790	7757	2102	1805
	0%	1%	0%	1%	1%	1%
grade 6 events	17378	110493	25690	136548	24520	22362
	10%	27%	13%	31%	12%	12%
grade 7 events	22662	58788	23300	49244	25509	22644
	14%	14%	12%	11%	13%	12%

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	93.72700998480828	Alternating exposures requested	N	N
Pointing Dec	0	-0.1905771982906782	Primary exposure time	3.2	3.2
Pointing Roll	0.0	346.2993485668352			
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	157667641.387872	157667640.36316			
Observation start date	2002-12-30T20:34:01	2002-12-30T20:34:00			
Observation end time	157690480.438827	157690479.41411			
Observation end date	2002-12-31T02:54:40	2002-12-31T02:54:39			
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)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.36159996

A.2 Comments