

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61211 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 15 2006

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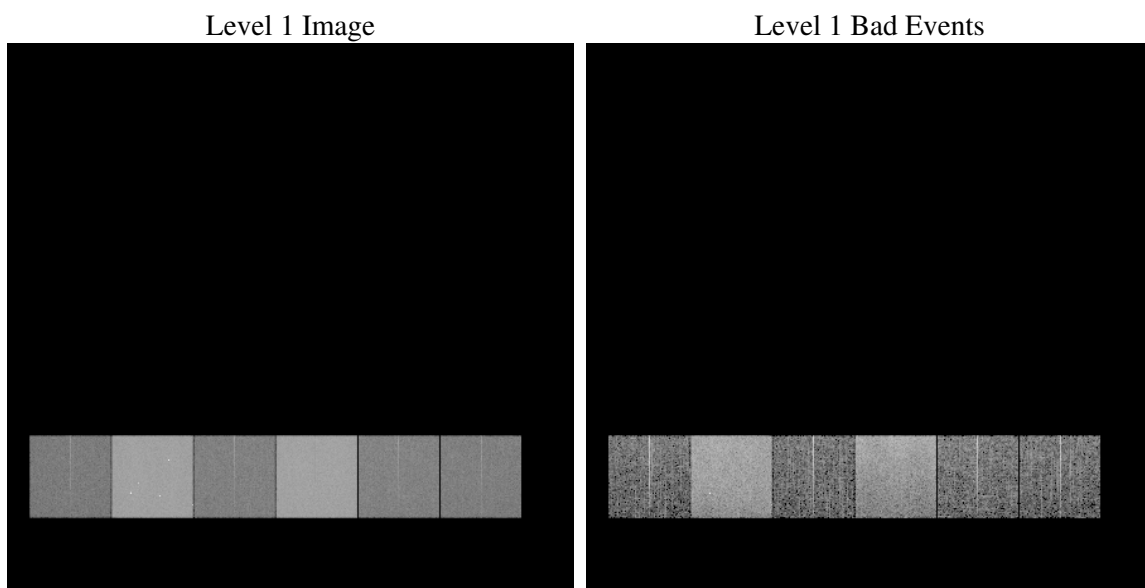
1 Front

seq_num	
obs_id	61211
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	244.47413453661
dec_nom	-4.9875308799442
roll_nom	121.33307581504
revision	2
ontime	7518.00721246
livetime	7422.8096783354
ontime4	2664.0283763707
ontime5	8085.1758790612
ontime6	2945.9574471712
ontime7	7518.00721246
ontime8	3049.7524878085
ontime9	2877.7723876536
l2events	1290272

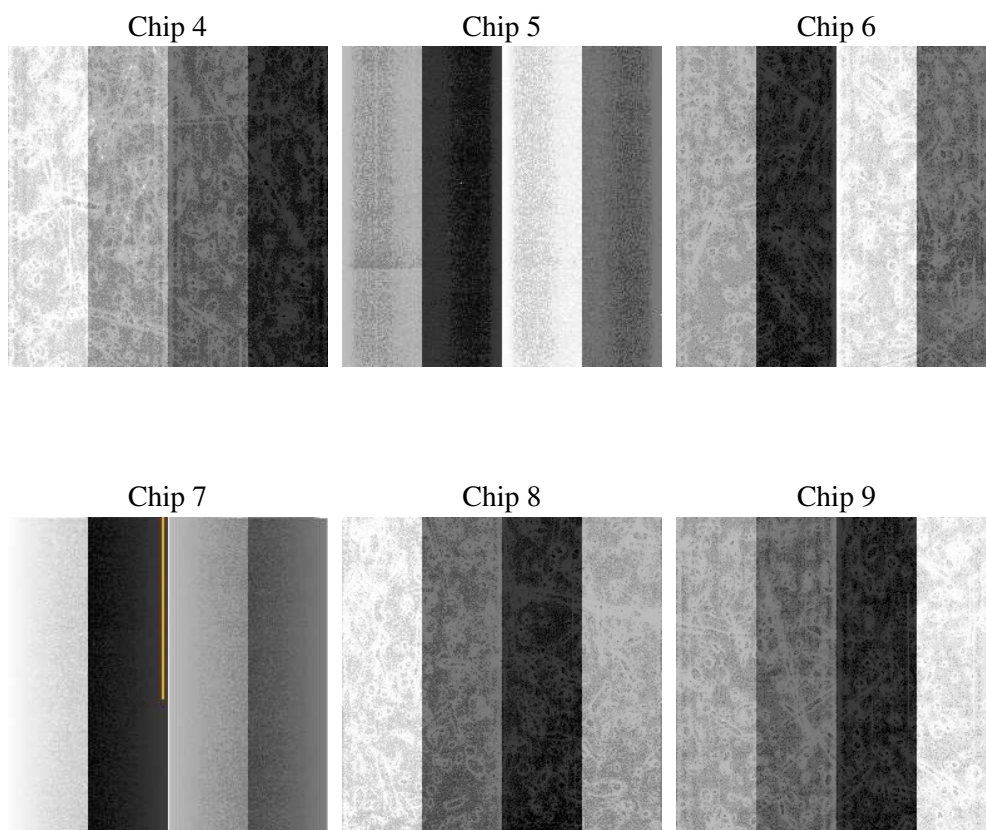
2 OBI

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	2006-09-15T06:43:58
revision	2

sched_exp_time	0.0
ontime	7541.8204784393
ontime4	2673.8553023636
ontime5	8108.9891450405
ontime6	2952.5843731761
ontime7	7541.8204784393
ontime8	3056.2973338366
ontime9	2887.7634736598
l1events	1566700

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	153091	434852	179093	442289	187565	169810
rejected events	22581	69080	22728	56870	25252	22699
rejected %	14%	15%	12%	12%	13%	13%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	74075	45233	85667	71001	89402	80465
	48%	10%	47%	16%	47%	47%
grade 1 events	412	151	411	200	464	414
	0%	0%	0%	0%	0%	0%
grade 2 events	23239	175452	26953	115626	28708	26337
	15%	40%	15%	26%	15%	15%
grade 3 events	8143	12343	9668	29323	10246	9151
	5%	2%	5%	6%	5%	5%
grade 4 events	7883	12111	9636	28647	10278	9183
	5%	2%	5%	6%	5%	5%
grade 5 events	1379	7704	1683	7473	1970	1705
	0%	1%	0%	1%	1%	1%
grade 6 events	17630	121657	24758	142021	23969	22517
	11%	27%	13%	32%	12%	13%
grade 7 events	20330	60201	20317	47998	22528	20038
	13%	13%	11%	10%	12%	11%

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	244.4741345366109	Alternating exposures requested	N	N
Pointing Dec	0	-4.987530879944194	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	121.3330758150358			
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	137101997.489	137101996.46418			
Observation start date	2002-05-06T19:53:17	2002-05-06T19:53:16			
Observation end time	137123307.24	137123306.21505			
Observation end date	2002-05-07T01:48:27	2002-05-07T01:48:26			
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)	2006.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.51800721

A.2 Comments