

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61205 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 16 2006

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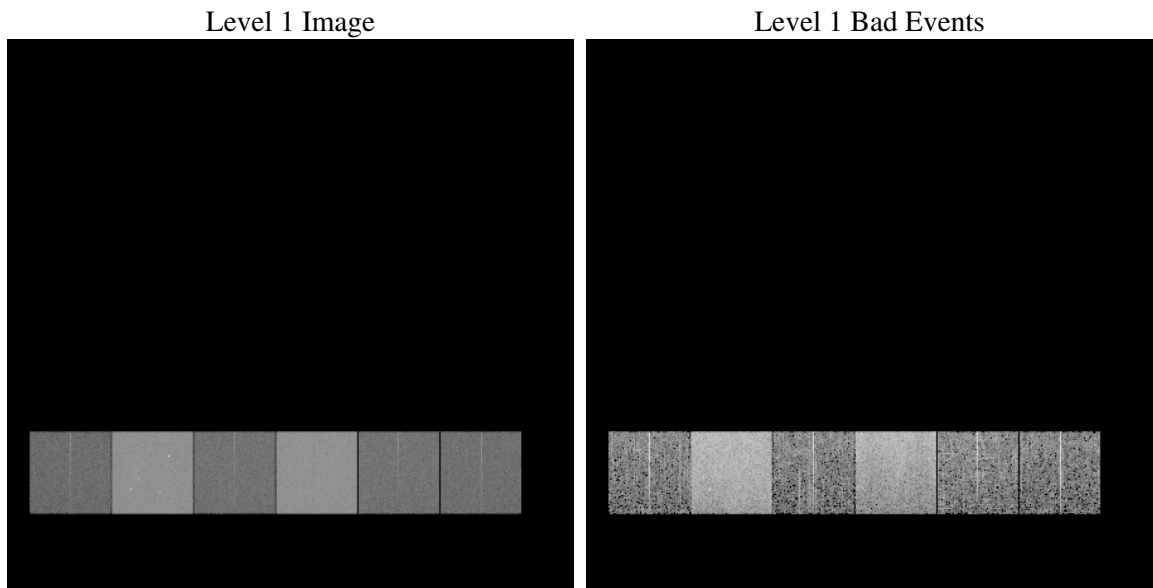
1 Front

seq_num	
obs_id	61205
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	140.01143799416
dec_nom	-40.027251024753
roll_nom	255.01516284756
revision	2
ontime	6877.8681968451
livetime	6790.7764883816
ontime4	2518.862988025
ontime5	7425.6318323016
ontime6	2781.3455795348
ontime7	6877.8681968451
ontime8	2778.1865197122
ontime9	2683.9914788902
l2events	1202047

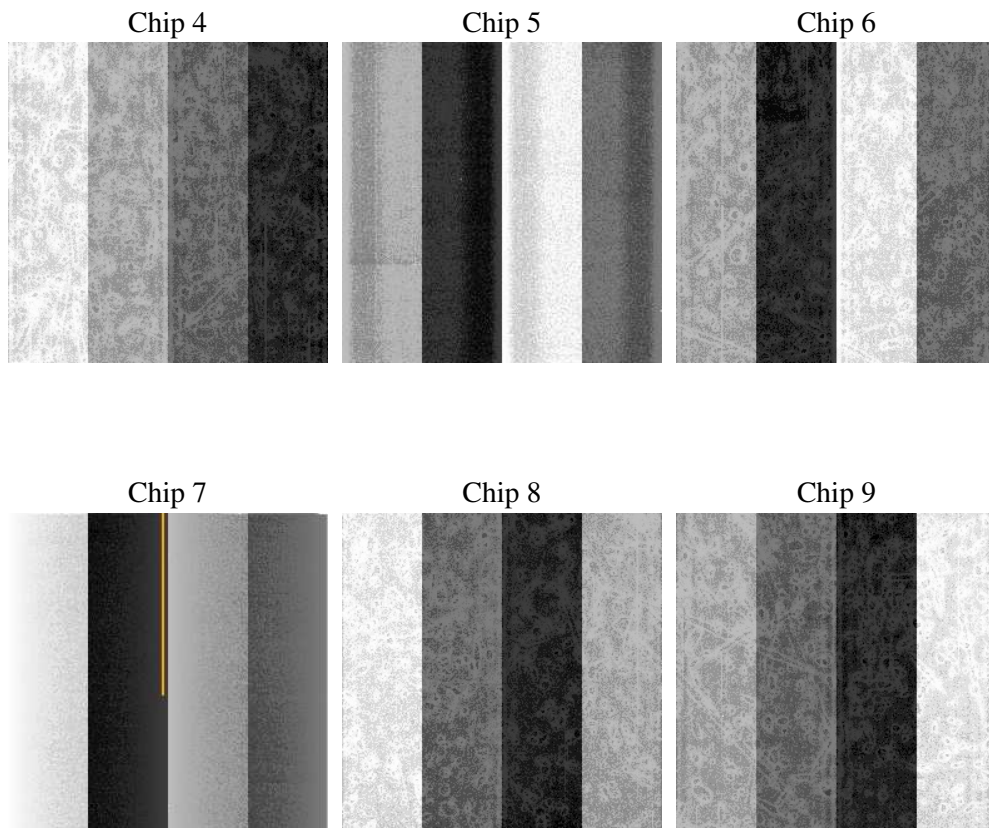
2 OBI

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	2006-09-16T20:16:51
revision	2

sched_exp_time	0.0
ontime	6880.6548612118
ontime4	2521.5265323818
ontime5	7428.377456665
ontime6	2784.0501638949
ontime7	6880.6548612118
ontime8	2780.8090240955
ontime9	2686.8191832602
l1events	1448613

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	145649	398344	169788	403660	173037	158135
rejected events	20733	59981	20867	47943	23134	19507
rejected %	14%	15%	12%	11%	13%	12%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	70637	45682	81304	67087	82158	75879
	48%	11%	47%	16%	47%	47%
grade 1 events	385	248	408	166	384	410
	0%	0%	0%	0%	0%	0%
grade 2 events	22162	158843	25918	106317	26791	24421
	15%	39%	15%	26%	15%	15%
grade 3 events	7607	12153	9147	27238	9396	8605
	5%	3%	5%	6%	5%	5%
grade 4 events	7708	12073	9262	26689	9319	8542
	5%	3%	5%	6%	5%	5%
grade 5 events	1280	6837	1517	6632	1621	1493
	0%	1%	0%	1%	0%	0%
grade 6 events	16937	109734	23460	128574	22395	21334
	11%	27%	13%	31%	12%	13%
grade 7 events	18933	52774	18772	40957	20973	17451
	12%	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	140.0114379941636	Alternating exposures requested	N	N
Pointing Dec	0	-40.02725102475346	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	255.0151628475612			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	137752013.565	137752012.54068			
Observation start date	2002-05-14T08:26:54	2002-05-14T08:26:52			
Observation end time	137787697.917	137787696.89213			
Observation end date	2002-05-14T18:21:38	2002-05-14T18:21:36			
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)	2006.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.87786819

A.2 Comments