

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59891 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 7 2006

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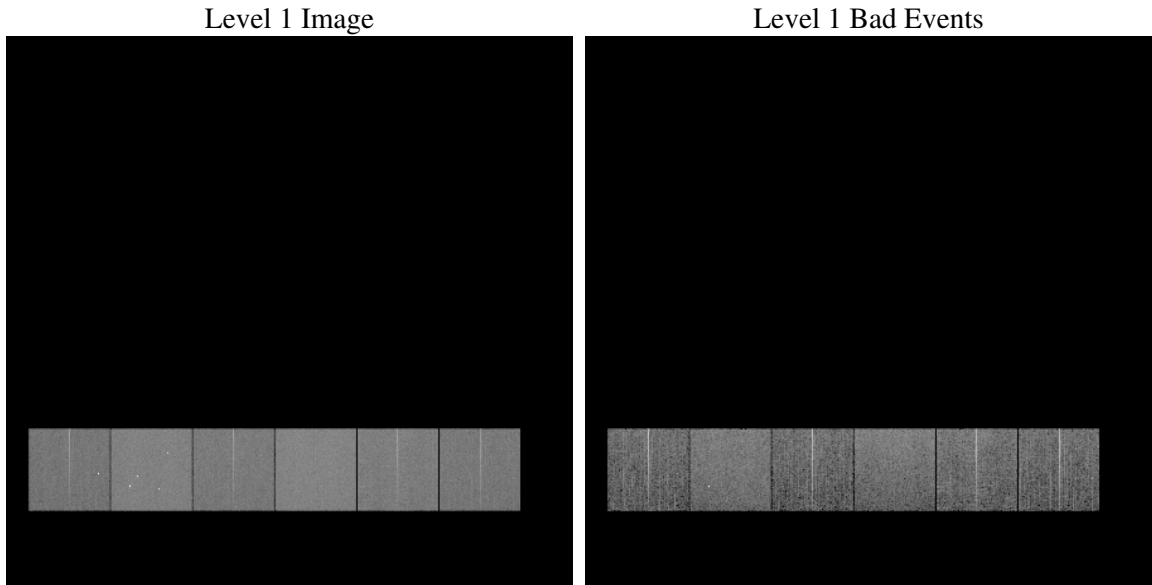
1 Front

seq_num	
obs_id	59891
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	84.999049799023
dec_nom	30.970517576876
roll_nom	234.71177685499
revision	2
ontime	8274.9257892072
livetime	8170.1436963022
ontime4	6038.7751617134
ontime5	8274.9668292105
ontime6	6602.6642503142
ontime7	8274.9257892072
ontime8	6813.4100180864
ontime9	6352.9860673249
l2events	1082656

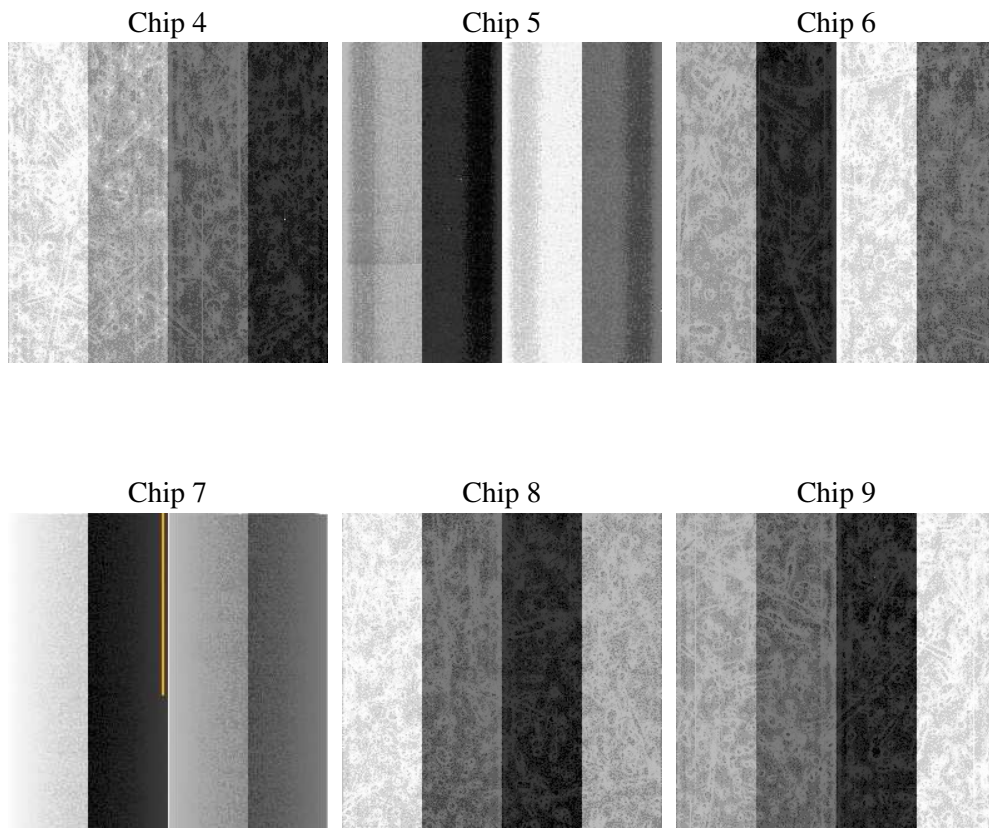
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-07T20:52:29
revision	2

sched_exp_time	0.0
ontime	8277.5310328603
ontime4	6041.2572853565
ontime5	8277.5310328603
ontime6	6605.1874139607
ontime7	8277.5310328603
ontime8	6815.8511017561
ontime9	6355.6323509812
l1events	1495583

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	208272	284274	233677	297072	251956	220332
rejected events	51259	66809	51093	62573	58069	52048
rejected %	24%	23%	21%	21%	23%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	91549	25733	99106	39566	104946	92876
	43%	9%	42%	13%	41%	42%
grade 1 events	733	110	514	117	559	652
	0%	0%	0%	0%	0%	0%
grade 2 events	24793	101035	31861	71154	34272	28954
	11%	35%	13%	23%	13%	13%
grade 3 events	10322	6254	11497	16771	12735	10737
	4%	2%	4%	5%	5%	4%
grade 4 events	10518	6354	11346	16315	12678	10733
	5%	2%	4%	5%	5%	4%
grade 5 events	2926	6465	3324	7341	4082	3327
	1%	2%	1%	2%	1%	1%
grade 6 events	19916	78181	28860	90771	29332	25061
	9%	27%	12%	30%	11%	11%
grade 7 events	47515	60142	47169	55037	53352	47992
	22%	21%	20%	18%	21%	21%

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	84.99904979902323	Alternating exposures requested	N	N
Pointing Dec	0	30.97051757687635	Primary exposure time	3.2	3.2
Pointing Roll	0.0	234.7117768549926			
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	220494920.717647	220494919.69263			
Observation start date	2004-12-27T00:35:21	2004-12-27T00:35:19			
Observation end time	220518421.918707	220518420.89369			
Observation end date	2004-12-27T07:07:02	2004-12-27T07:07:00			
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)	2006.04.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27492578

A.2 Comments