

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61006 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 5 2006

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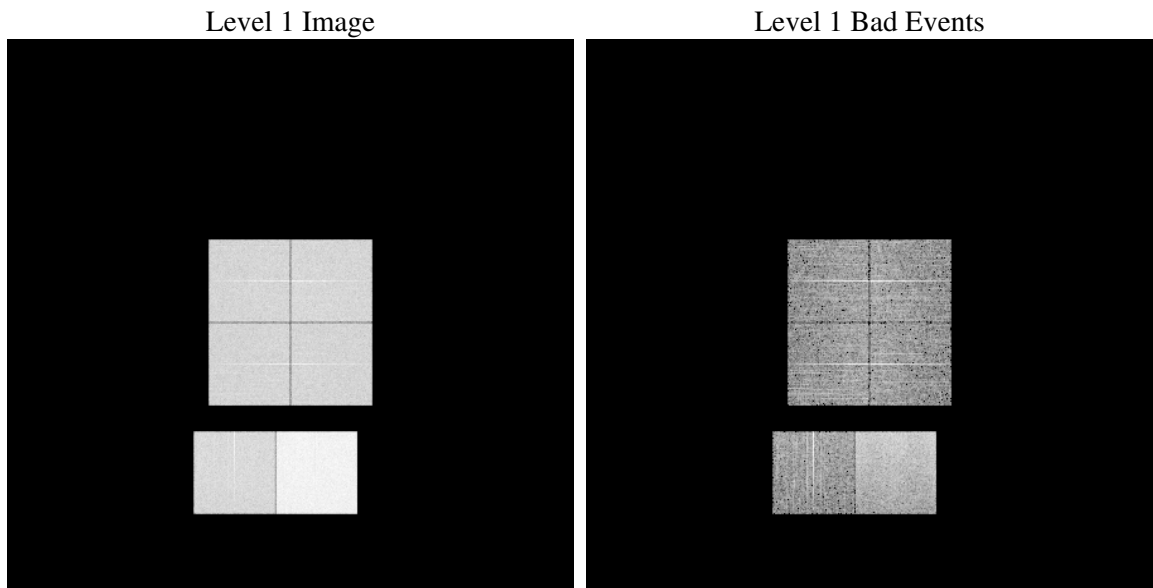
1 Front

seq_num	
obs_id	61006
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	0.023831906531107
dec_nom	-0.015851552651001
roll_nom	293.48567362566
revision	2
ontime	8438.3999685645
livetime	8331.5478671681
ontime0	3970.8296507895
ontime1	4116.7155373991
ontime2	3860.7184435427
ontime3	3912.4097971916
ontime6	4234.857088685
ontime7	8438.3999685645
l2events	1281227

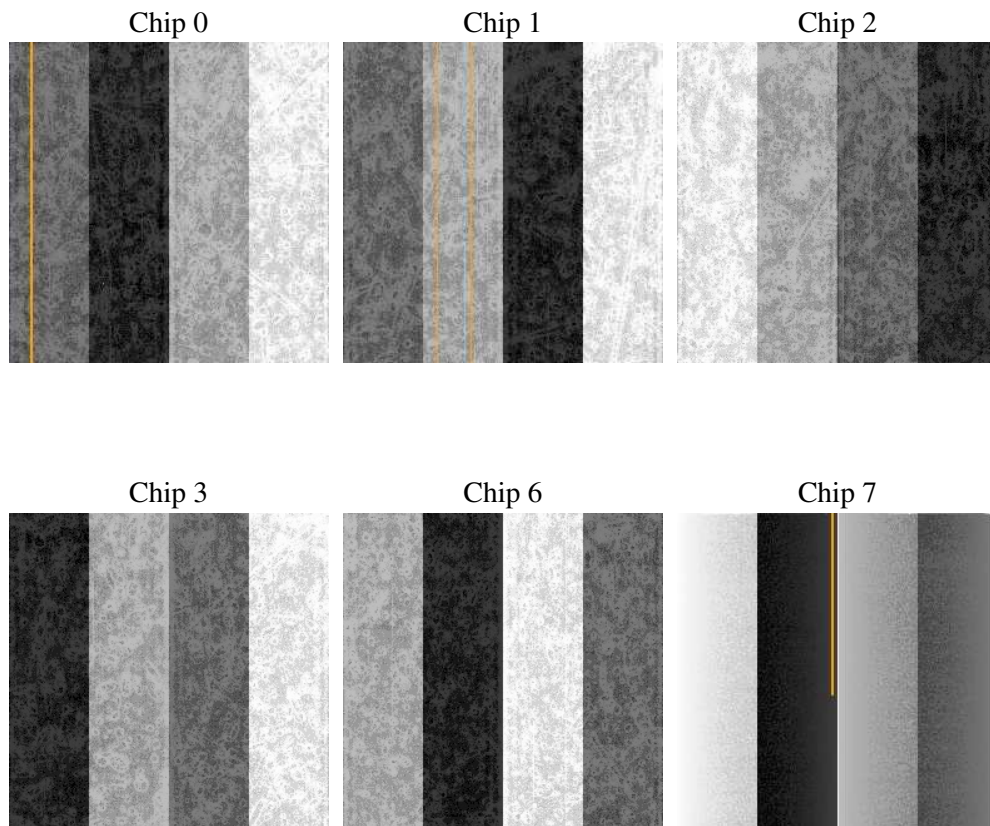
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-06T01:40:09
revision	2

sched_exp_time	0.0
ontime	8459.0147202909
ontime0	3979.9865387976
ontime1	4129.0724253953
ontime2	3869.7932515442
ontime3	3921.6487652063
ontime6	4245.7489097416
ontime7	8459.0147202909
l1events	1551583

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	213870	221353	210476	211666	237494	456724
rejected events	29376	30571	30285	28920	31363	62447
rejected %	13%	13%	14%	13%	13%	13%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	102321	104808	101212	102419	112205	71046
	47%	47%	48%	48%	47%	15%
grade 1 events	567	549	620	686	554	171
	0%	0%	0%	0%	0%	0%
grade 2 events	32037	33769	30461	31320	35821	119636
	14%	15%	14%	14%	15%	26%
grade 3 events	11871	12344	11689	11874	12846	28924
	5%	5%	5%	5%	5%	6%
grade 4 events	11821	12265	11891	12100	12718	28460
	5%	5%	5%	5%	5%	6%
grade 5 events	1999	2027	1980	2070	2283	7936
	0%	0%	0%	0%	0%	1%
grade 6 events	26920	28223	25391	25497	33189	147245
	12%	12%	12%	12%	13%	32%
grade 7 events	26334	27368	27232	25700	27878	53306
	12%	12%	12%	12%	11%	11%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	0.02383190653110735	Alternating exposures requested	N	N
Pointing Dec	0	-0.01585155265100147	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	293.4856736256561			
SIM focus pos (mm)	-0.782348	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	150355293.133488	150355292.10877			
Observation start date	2002-10-07T05:21:33	2002-10-07T05:21:32			
Observation end time	150377902.584425	150377901.55971			
Observation end date	2002-10-07T11:38:23	2002-10-07T11:38:21			
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)	2006.10.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.43839996

A.2 Comments