

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61452 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jan 5 2007

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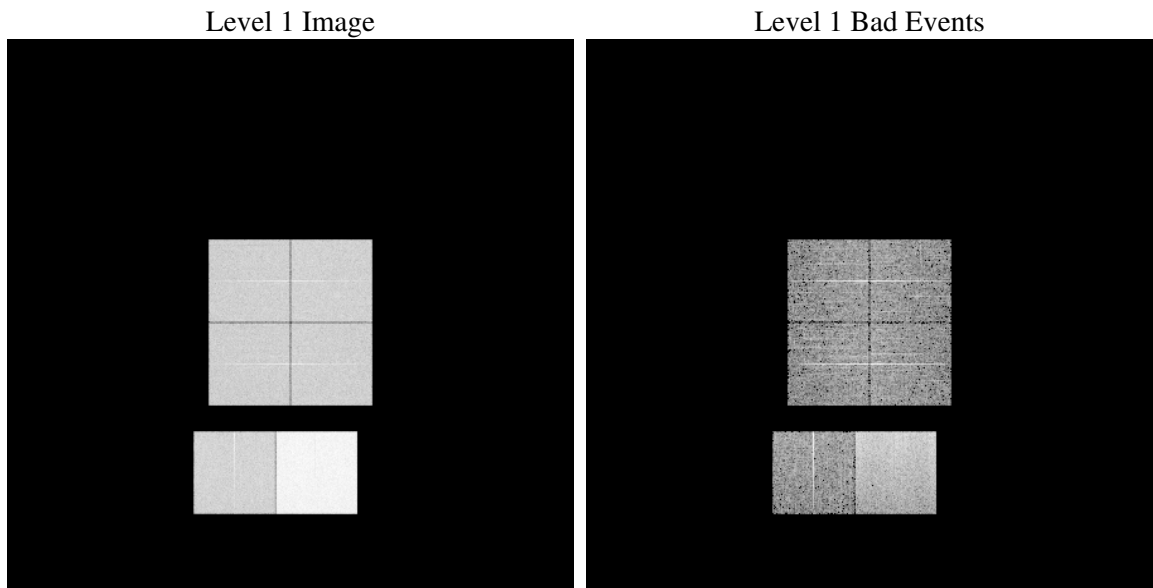
1 Front

seq_num	
obs_id	61452
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	136.99815974243
dec_nom	40.028614460149
roll_nom	60.043408042822
revision	2
ontime	7500.5896505266
livetime	7405.6126680588
ontime0	2882.2362574339
ontime1	2985.9903378934
ontime2	2772.1233864278
ontime3	2840.0209167749
ontime6	3047.5106012672
ontime7	7500.5896505266
l2events	1303100

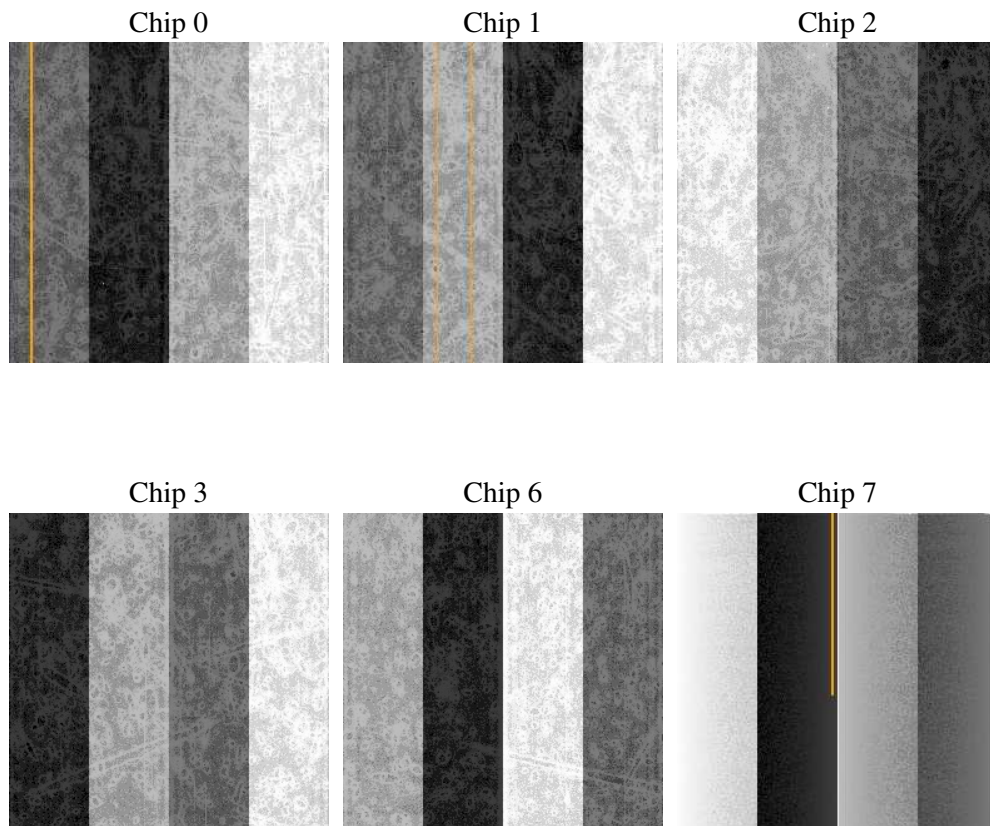
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2007-01-05T16:55:00
revision	2

sched_exp_time	0.0
ontime	7502.9171045274
ontime0	2884.5226714313
ontime1	2988.2357119024
ontime2	2774.3277204335
ontime3	2842.3894107789
ontime6	3049.8154418916
ontime7	7502.9171045274
l1events	1545413

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	199195	207623	195366	200160	220987	522082
rejected events	24012	24518	25069	25291	26334	62157
rejected %	12%	11%	12%	12%	11%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	96210	100404	94389	97462	105581	84356
	48%	48%	48%	48%	47%	16%
grade 1 events	585	597	508	624	598	212
	0%	0%	0%	0%	0%	0%
grade 2 events	31013	32449	30242	30739	33971	137723
	15%	15%	15%	15%	15%	26%
grade 3 events	11226	11598	10582	10908	11812	34141
	5%	5%	5%	5%	5%	6%
grade 4 events	10901	11641	10533	11081	11799	33941
	5%	5%	5%	5%	5%	6%
grade 5 events	1706	1771	1682	1739	2010	8373
	0%	0%	0%	0%	0%	1%
grade 6 events	26034	27229	24766	24874	31685	169981
	13%	13%	12%	12%	14%	32%
grade 7 events	21520	21934	22664	22733	23531	53355
	10%	10%	11%	11%	10%	10%

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	136.9981597424274	Alternating exposures requested	N	N
Pointing Dec	0	40.02861446014909	Primary exposure time	3.2	3.2
Pointing Roll	0.0	60.04340804282211			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	118370781.579212	118370780.81075			
Observation start date	2001-10-02T00:46:22	2001-10-02T00:46:20			
Observation end time	118392091.330063	118392090.56159			
Observation end date	2001-10-02T06:41:31	2001-10-02T06:41:30			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.50058965

A.2 Comments