

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61775 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 2 2006

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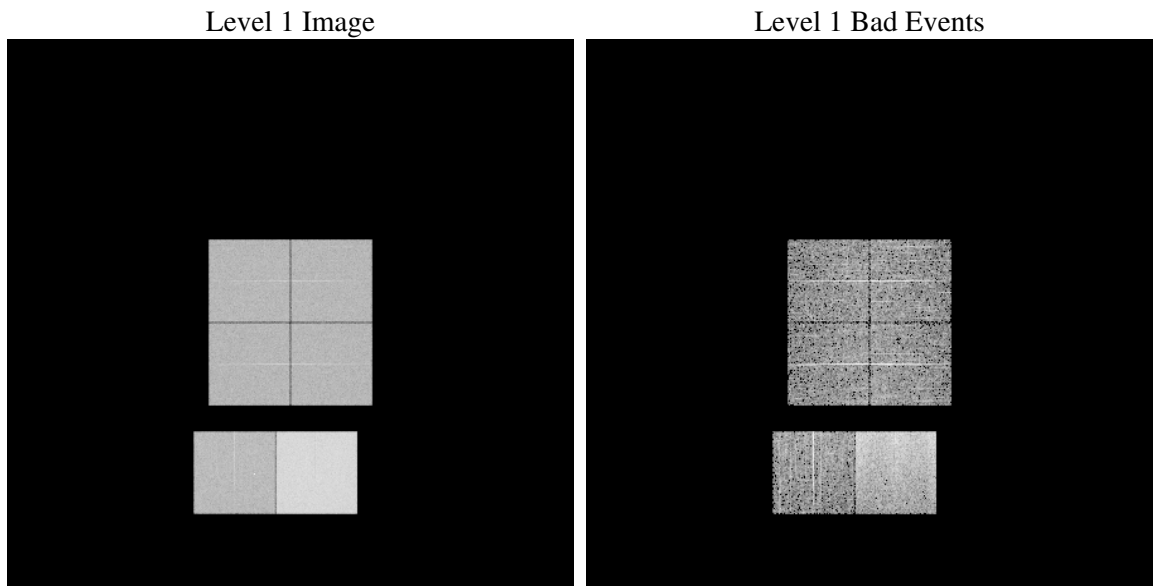
1 Front

seq_num	
obs_id	61775
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	353.96179146405
dec_nom	32.409822399187
roll_nom	306.6461131807
revision	3
ontime	5790.1794928014
livetime	5716.8607536361
ontime0	2490.8922651112
ontime1	2455.2818551064
ontime2	2406.7074748427
ontime3	2400.0610454082
ontime6	2607.6926154792
ontime7	5790.1794928014
l2events	1238832

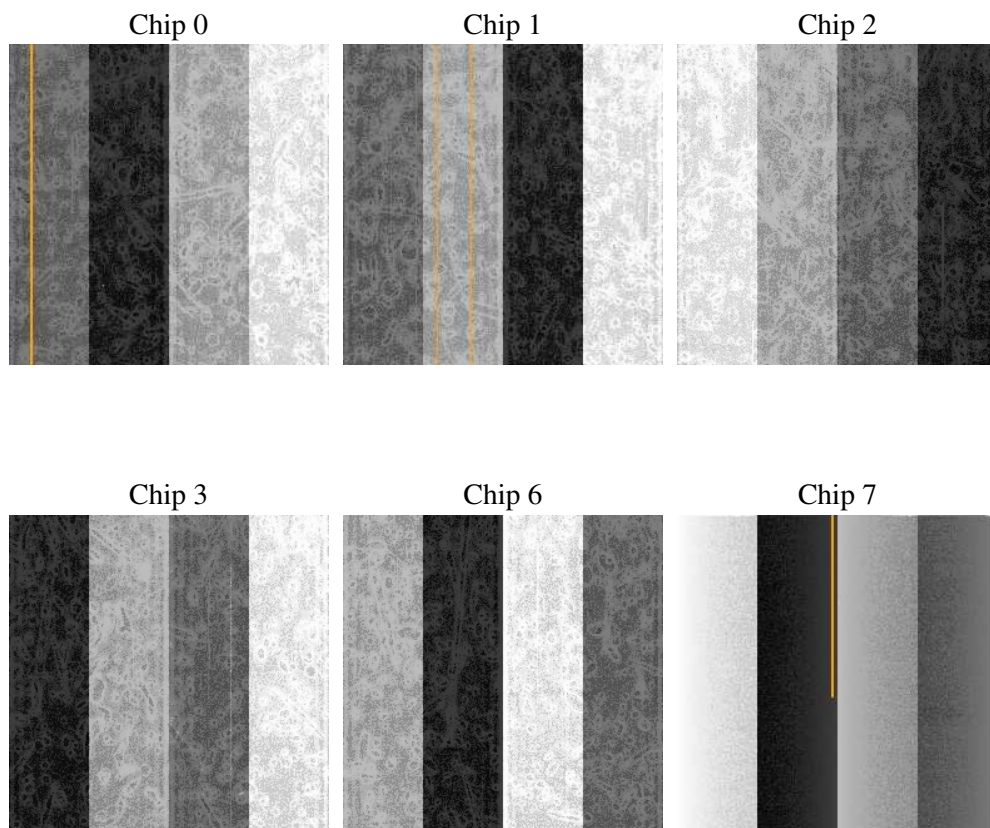
2 OBI

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	2006-11-03T01:29:06
revision	3

sched_exp_time	0.0
ontime	5791.6856685132
ontime0	2492.3574008197
ontime1	2456.7059508264
ontime2	2408.0905305594
ontime3	2401.6082611233
ontime6	2609.0346311927
ontime7	5791.6856685132
l1events	1428141

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	193707	191897	189574	190591	213245	449127
rejected events	17697	18909	17955	19160	20199	41573
rejected %	9%	9%	9%	10%	9%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	97281	95649	95878	96186	105749	77910
	50%	49%	50%	50%	49%	17%
grade 1 events	493	473	479	505	525	180
	0%	0%	0%	0%	0%	0%
grade 2 events	31067	30674	29846	30076	33350	121314
	16%	15%	15%	15%	15%	27%
grade 3 events	11064	10775	10760	10751	11880	31294
	5%	5%	5%	5%	5%	6%
grade 4 events	11111	10970	10910	10834	11707	31208
	5%	5%	5%	5%	5%	6%
grade 5 events	1434	1365	1329	1413	1604	6228
	0%	0%	0%	0%	0%	1%
grade 6 events	25487	24920	24225	23584	30360	145828
	13%	12%	12%	12%	14%	32%
grade 7 events	15770	17071	16147	17242	18070	35165
	8%	8%	8%	9%	8%	7%

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	353.9617914640542	Alternating exposures requested	N	N
Pointing Dec	0	32.40982239918691	Primary exposure time	3.2	3.2
Pointing Roll	0.0	306.6461131807005			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	95941646.65507101	95941645.886611			
Observation start date	2001-01-15T10:27:27	2001-01-15T10:27:25			
Observation end time	95953952.80554301	95953952.037083			
Observation end date	2001-01-15T13:52:33	2001-01-15T13:52:32			
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)	2006.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.79017949

A.2 Comments