

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61663 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 12 2006

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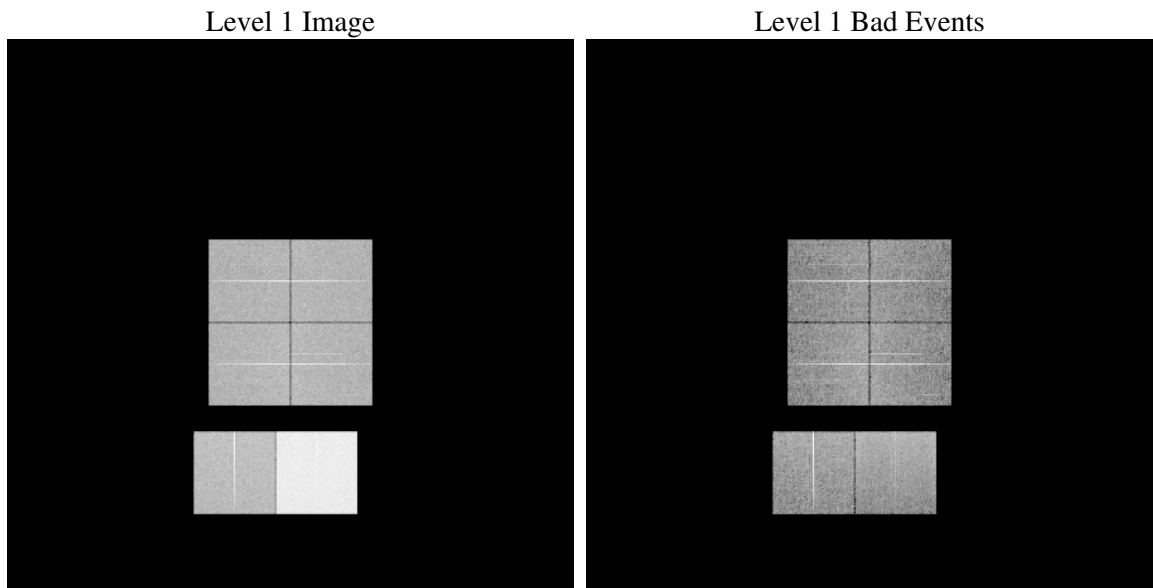
1 Front

seq_num	
obs_id	61663
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	89.504815356677
dec_nom	-32.028383136729
roll_nom	245.63146580323
revision	2
ontime	8171.9275500029
livetime	8068.4496828208
ontime0	1664.0693417937
ontime1	1715.9673008174
ontime2	1654.4284912199
ontime3	1696.3976716101
ontime6	2023.947641626
ontime7	8171.9275500029
l2events	1049333

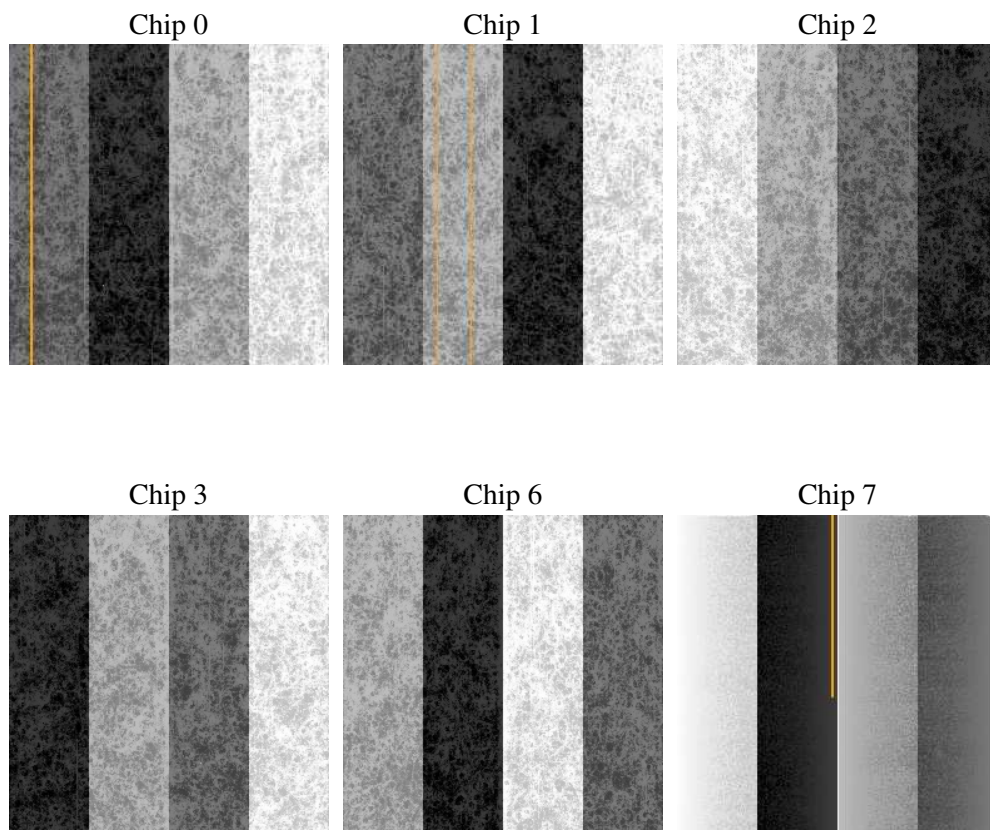
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-12T12:44:32
revision	2

sched_exp_time	0.0
ontime	8173.792826727
ontime0	1665.8935785145
ontime1	1717.7504975498
ontime2	1656.170647949
ontime3	1698.3039883375
ontime6	2025.6487583518
ontime7	8173.792826727
l1events	1518884

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	155880	157943	164196	164383	202705	673777
rejected events	62570	61446	71381	68635	80854	85039
rejected %	40%	38%	43%	41%	39%	12%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	50590	52439	50550	52448	65204	105717
	32%	33%	30%	31%	32%	15%
grade 1 events	1063	1144	1055	1122	1259	533
	0%	0%	0%	0%	0%	0%
grade 2 events	16630	16903	16559	16644	21114	176412
	10%	10%	10%	10%	10%	26%
grade 3 events	6167	6385	6120	6513	7945	44612
	3%	4%	3%	3%	3%	6%
grade 4 events	6194	6552	6024	6420	7829	43614
	3%	4%	3%	3%	3%	6%
grade 5 events	1635	1741	1681	1739	2105	11740
	1%	1%	1%	1%	1%	1%
grade 6 events	13903	14386	13740	13910	19960	218637
	8%	9%	8%	8%	9%	32%
grade 7 events	59698	58393	68467	65587	77289	72512
	38%	36%	41%	39%	38%	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	89.50481535667664	Alternating exposures requested	N	N
Pointing Dec	0	-32.028383136729	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	245.6314658032346			
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	103986396.366	103986395.59723			
Observation start date	2001-04-18T13:06:36	2001-04-18T13:06:35			
Observation end time	103996906.716	103996905.94764			
Observation end date	2001-04-18T16:01:47	2001-04-18T16:01:45			
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)	2006.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.17192755

A.2 Comments