

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61189 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 16 2006

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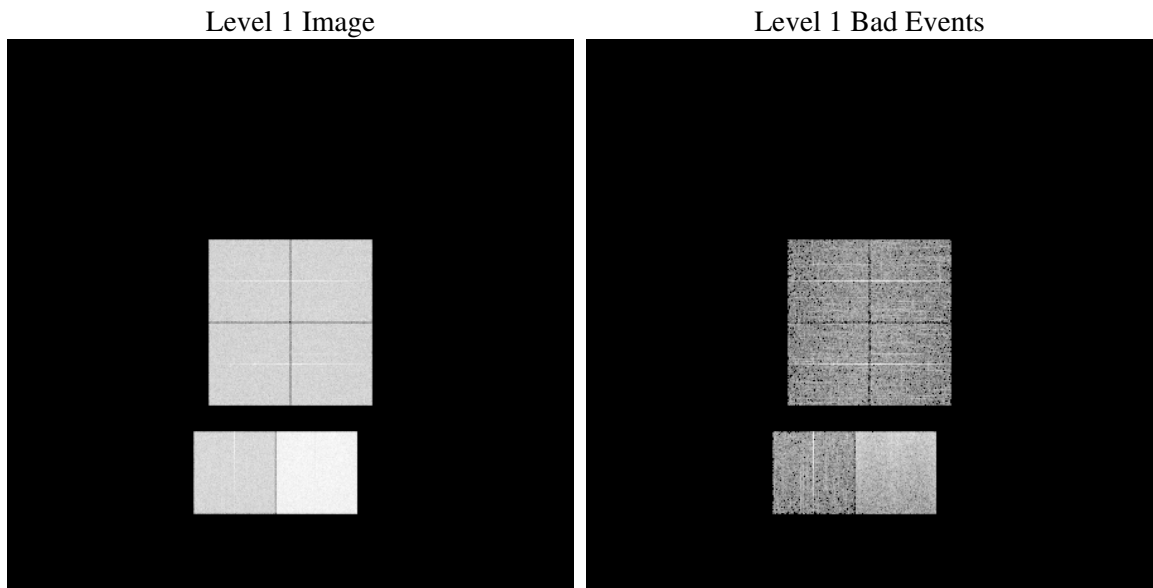
1 Front

seq_num	
obs_id	61189
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	271.97821316697
dec_nom	-13.980706251099
roll_nom	104.79455410113
revision	2
ontime	7795.1999709606
livetime	7696.4924552224
ontime0	3404.7885447741
ontime1	3426.3654803932
ontime2	3310.8807837963
ontime3	3348.5811782181
ontime6	3553.9979402721
ontime7	7795.1999709606
l2events	1216178

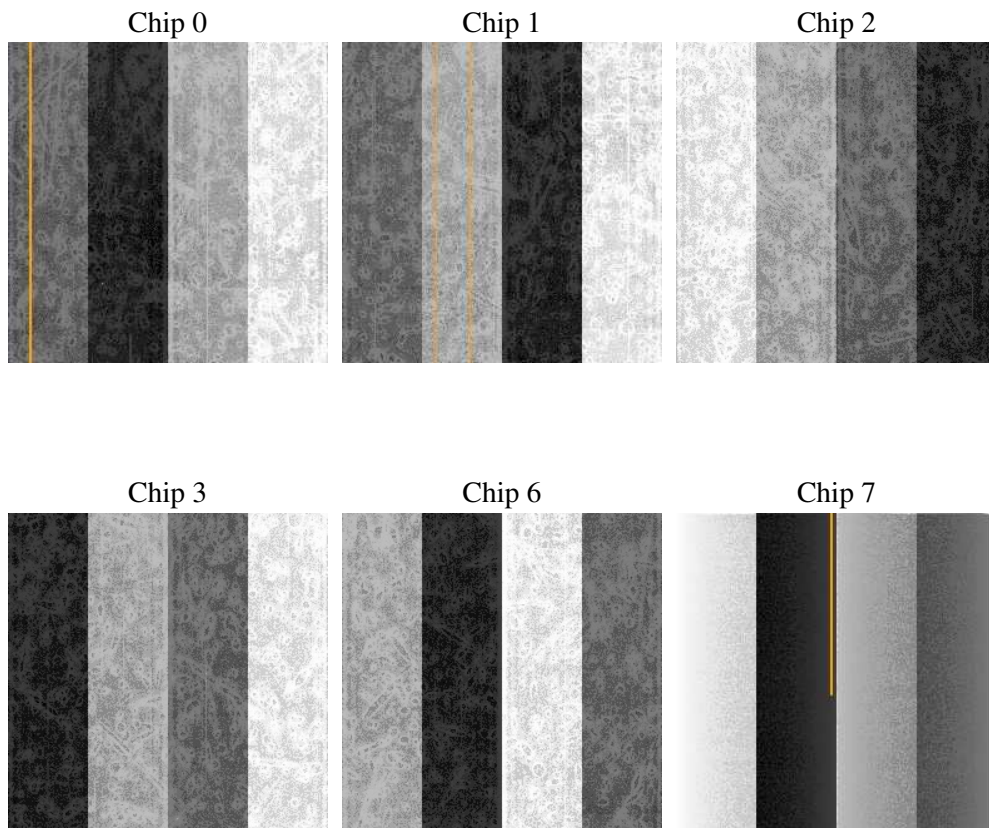
2 OBI

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	2006-09-16T21:16:22
revision	2

sched_exp_time	0.0
ontime	7797.8473280966
ontime0	3406.3257862926
ontime1	3429.0128375292
ontime2	3312.3359453082
ontime3	3351.2285353541
ontime6	3555.4120618105
ontime7	7797.8473280966
l1events	1439563

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	193731	196415	192485	195359	213190	448383
rejected events	21998	23316	23417	23758	25069	52950
rejected %	11%	11%	12%	12%	11%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	94252	95386	94117	95908	102597	74346
	48%	48%	48%	49%	48%	16%
grade 1 events	477	481	446	513	466	207
	0%	0%	0%	0%	0%	0%
grade 2 events	30387	30363	29839	30037	32840	118562
	15%	15%	15%	15%	15%	26%
grade 3 events	11063	10986	10771	11049	11658	29845
	5%	5%	5%	5%	5%	6%
grade 4 events	10917	11072	10530	10966	11465	29441
	5%	5%	5%	5%	5%	6%
grade 5 events	1614	1618	1560	1609	1887	7346
	0%	0%	0%	0%	0%	1%
grade 6 events	25114	25292	23811	23641	29561	143239
	12%	12%	12%	12%	13%	31%
grade 7 events	19907	21217	21411	21636	22716	45397
	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	271.9782131669659	Alternating exposures requested	N	N
Pointing Dec	0	-13.98070625109862	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	104.7945541011307			
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	138215434.534	138215433.50959			
Observation start date	2002-05-19T17:10:35	2002-05-19T17:10:33			
Observation end time	138244948.385	138244947.36079			
Observation end date	2002-05-20T01:22:28	2002-05-20T01:22:27			
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)	2006.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.79519997

A.2 Comments