

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59963 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 10 2006

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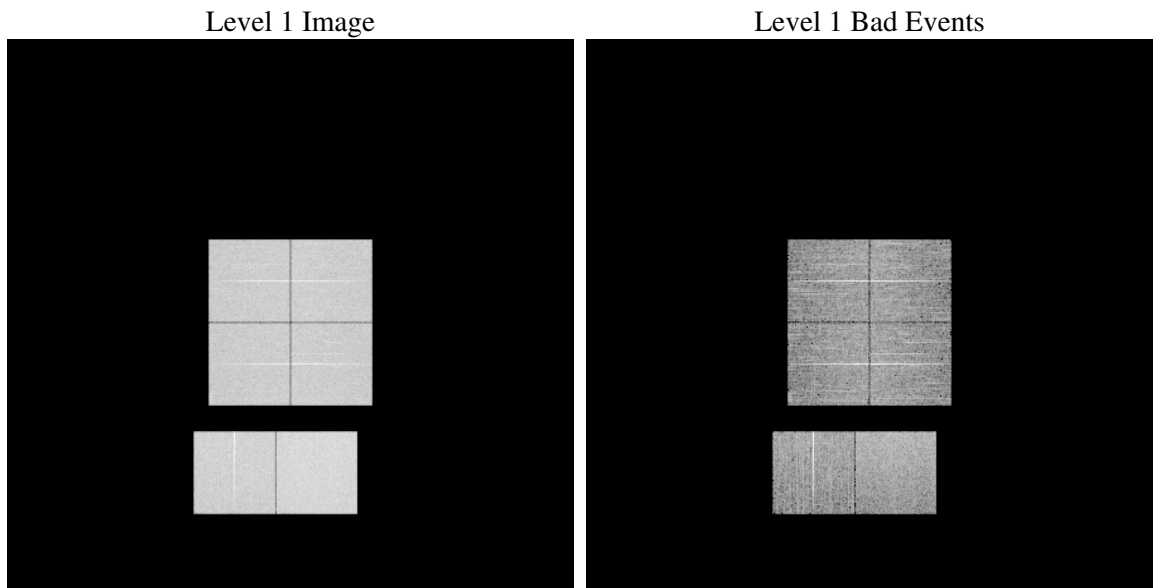
1 Front

seq_num	
obs_id	59963
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	52.977960142291
dec_nom	-27.935641553186
roll_nom	357.22269528694
revision	2
ontime	7801.5999709368
livetime	7702.8114145452
ontime0	6446.8678497672
ontime1	6570.0249620974
ontime2	6281.5774057508
ontime3	6313.9870703518
ontime6	6884.4013770819
ontime7	7801.5999709368
l2events	1058118

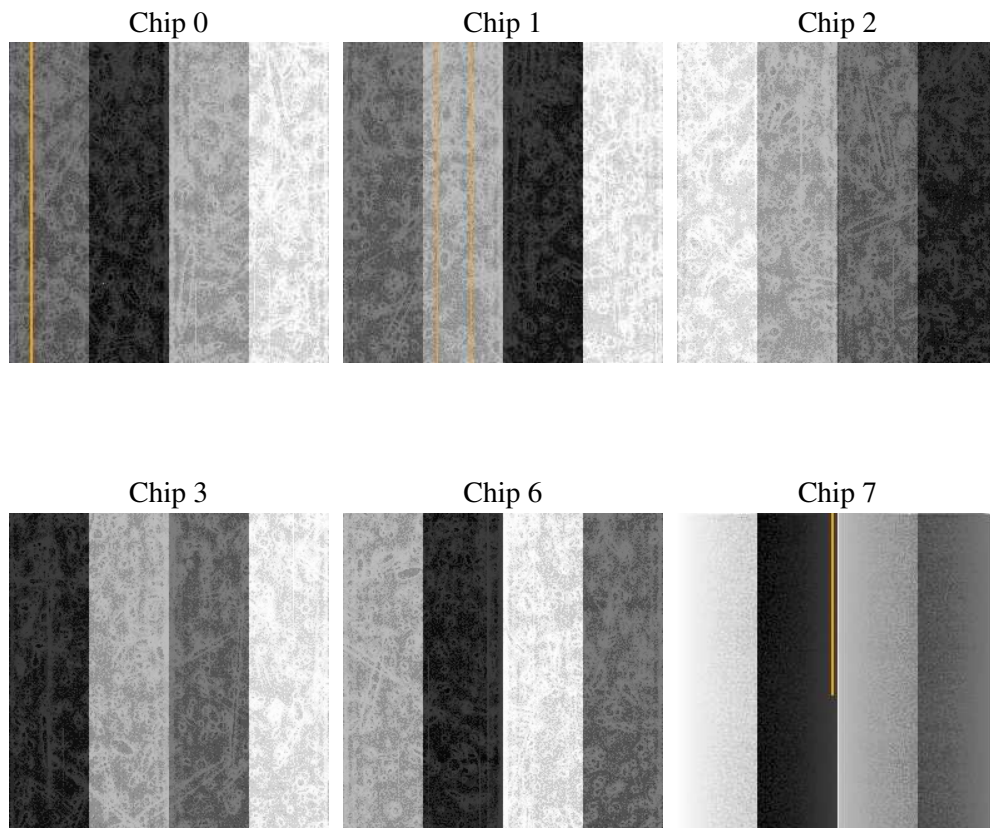
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-11T00:31:54
revision	2

sched_exp_time	0.0
ontime	7804.3576200902
ontime0	6449.6254989207
ontime1	6572.7826112509
ontime2	6284.3350549042
ontime3	6316.7447195053
ontime6	6887.1590262353
ontime7	7804.3576200902
l1events	1411891

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	220248	224527	216170	220822	246275	283849
rejected events	46174	46882	46474	48922	51992	60011
rejected %	20%	20%	21%	22%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	95670	96786	95152	96445	105532	36815
	43%	43%	44%	43%	42%	12%
grade 1 events	563	464	650	635	532	109
	0%	0%	0%	0%	0%	0%
grade 2 events	30779	31884	28597	29198	33511	68429
	13%	14%	13%	13%	13%	24%
grade 3 events	11180	11498	11103	11267	12006	15391
	5%	5%	5%	5%	4%	5%
grade 4 events	11386	11343	11095	11368	12112	15399
	5%	5%	5%	5%	4%	5%
grade 5 events	2948	3025	2672	3019	3366	6848
	1%	1%	1%	1%	1%	2%
grade 6 events	25059	26134	23749	23698	31122	87804
	11%	11%	10%	10%	12%	30%
grade 7 events	42663	43393	43152	45192	48094	53054
	19%	19%	19%	20%	19%	18%

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	52.97796014229058	Alternating exposures requested	N	N
Pointing Dec	0	-27.93564155318595	Primary exposure time	3.2	3.2
Pointing Roll	0.0	357.2226952869429			
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	217257005.021987	217257003.99698			
Observation start date	2004-11-19T13:10:05	2004-11-19T13:10:03			
Observation end time	217277051.972887	217277050.94788			
Observation end date	2004-11-19T18:44:12	2004-11-19T18:44:10			
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)	2006.04.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80159997

A.2 Comments