

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 59407 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date : Apr 1 2006

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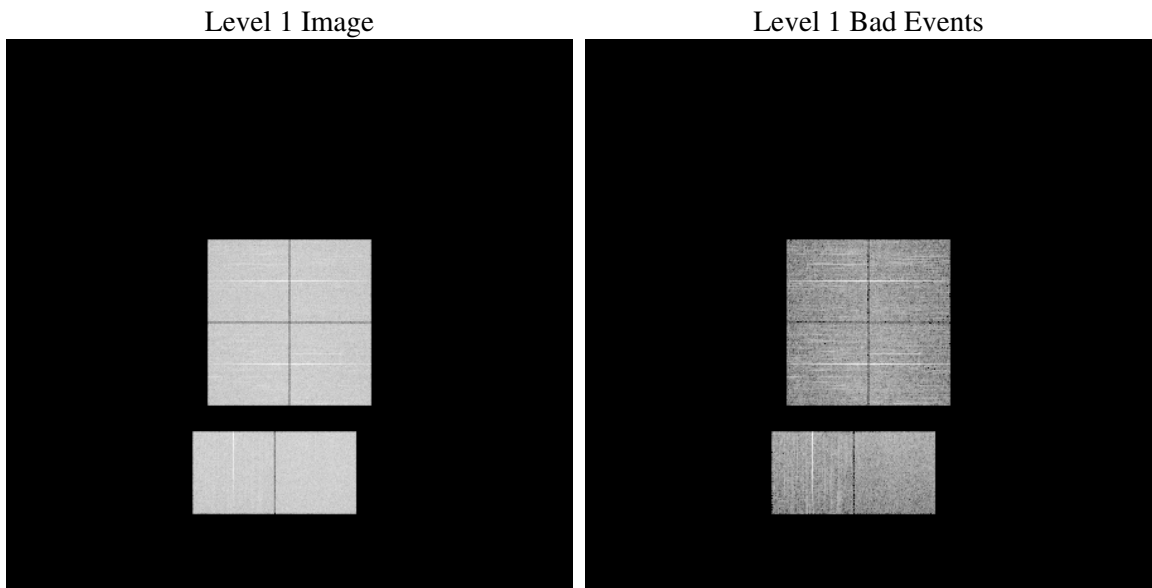
1 Front

seq_num	
obs_id	59407
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	41.990722154299
dec_nom	-0.97295173664578
roll_nom	76.033628183509
revision	2
ontime	7800.8682157397
livetime	7702.0889252731
ontime0	7800.909255743
ontime1	7800.9502957463
ontime2	7804.2323558331
ontime3	7800.8271757364
ontime6	7804.2733958066
ontime7	7800.8682157397
l2events	997288

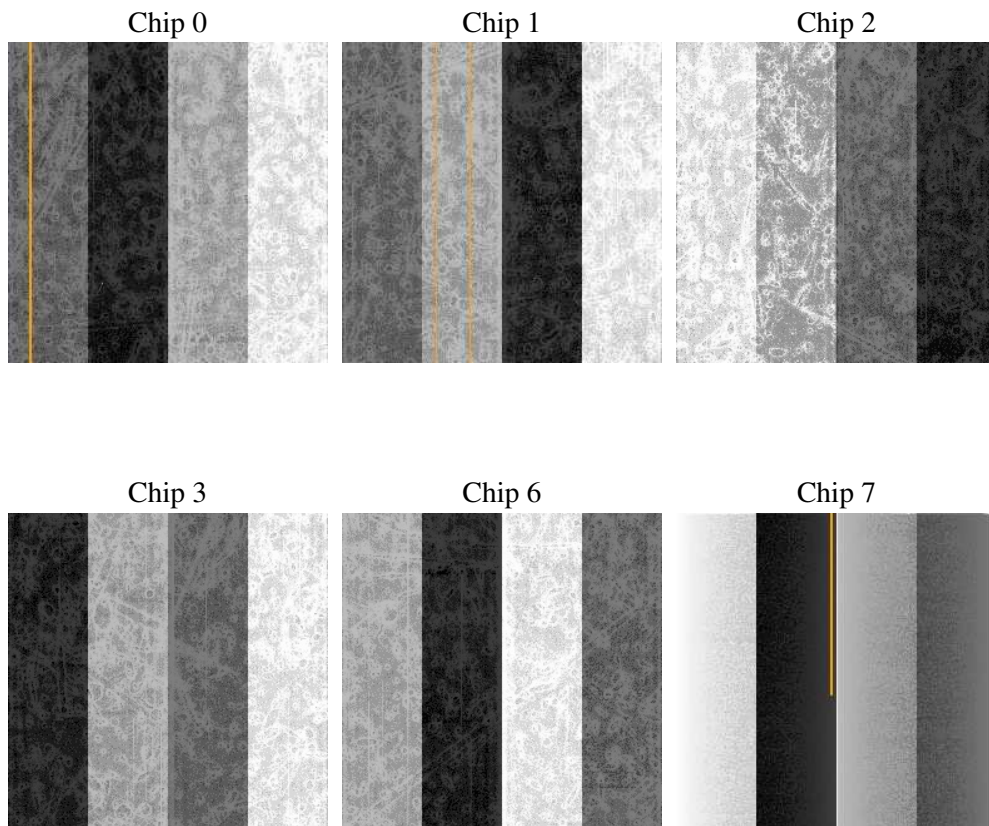
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-01T06:09:25
revision	2

sched_exp_time	0.0
ontime	7801.1167989373
ontime0	7801.1167989373
ontime1	7801.1167989373
ontime2	7804.3578190207
ontime3	7801.1167989373
ontime6	7804.3578190207
ontime7	7801.1167989373
l1events	1382597

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	222720	221952	229657	230548	234878	242842
rejected events	52680	51685	57254	58493	57113	56197
rejected %	23%	23%	24%	25%	24%	23%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	93169	92688	95931	96049	95933	30596
	41%	41%	41%	41%	40%	12%
grade 1 events	570	484	634	589	472	95
	0%	0%	0%	0%	0%	0%
grade 2 events	29630	30200	29116	29422	30832	56562
	13%	13%	12%	12%	13%	23%
grade 3 events	11059	10906	11291	11433	11202	13044
	4%	4%	4%	4%	4%	5%
grade 4 events	11074	10899	11305	11337	11174	12661
	4%	4%	4%	4%	4%	5%
grade 5 events	3264	3278	3062	3575	3620	6306
	1%	1%	1%	1%	1%	2%
grade 6 events	25108	25574	24760	23814	28624	73782
	11%	11%	10%	10%	12%	30%
grade 7 events	48846	47923	53558	54329	53021	49796
	21%	21%	23%	23%	22%	20%

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	41.99072215429881	Alternating exposures requested	N	N
Pointing Dec	0	-0.9729517366457843	Primary exposure time	3.2	3.2
Pointing Roll	0.0	76.03362818350901			
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	245133921.040111	245133920.01511			
Observation start date	2005-10-08T04:45:21	2005-10-08T04:45:20			
Observation end time	245147887.690754	245147886.66575			
Observation end date	2005-10-08T08:38:08	2005-10-08T08:38:06			
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)	2006.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80086821

A.2 Comments