

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 60002 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 15 2006

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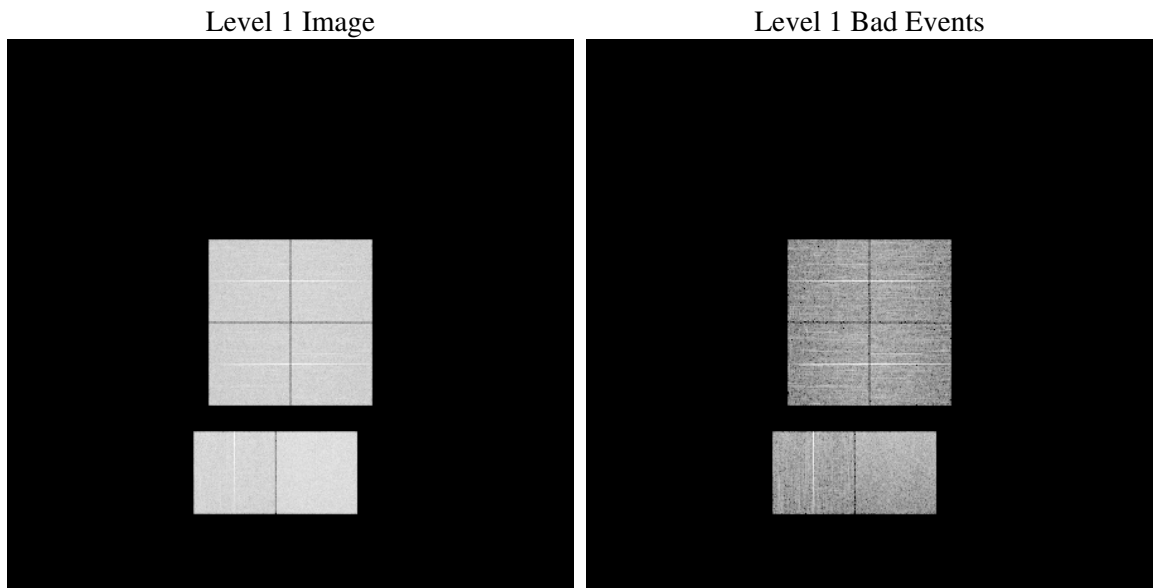
1 Front

seq_num	
obs_id	60002
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	18.485787016125
dec_nom	15.274982189057
roll_nom	208.45020990117
revision	2
ontime	8278.665654093
livetime	8173.8362047669
ontime0	6622.570268482
ontime1	6842.9978956878
ontime2	6340.2581681907
ontime3	6492.8495161831
ontime6	7033.8261886239
ontime7	8278.665654093
l2events	1119870

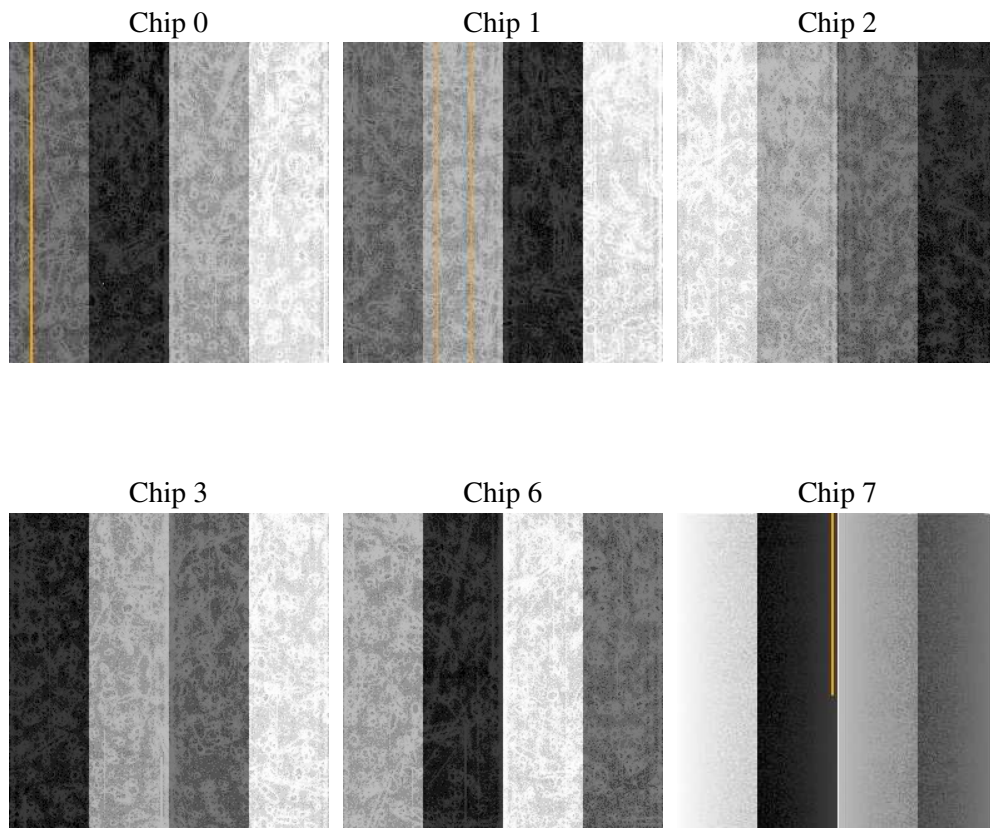
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-15T18:01:50
revision	2

sched_exp_time	0.0
ontime	8280.7655802369
ontime0	6624.6291546226
ontime1	6845.0157418251
ontime2	6342.6647794545
ontime3	6494.9904823303
ontime6	7036.2327998877
ontime7	8280.7655802369
l1events	1497604

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	230908	238970	226284	233606	258779	309057
rejected events	48595	50318	49464	52255	56142	64362
rejected %	21%	21%	21%	22%	21%	20%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100130	102821	98867	101414	109951	40685
	43%	43%	43%	43%	42%	13%
grade 1 events	584	573	645	681	604	130
	0%	0%	0%	0%	0%	0%
grade 2 events	32071	33842	29973	30946	35034	74415
	13%	14%	13%	13%	13%	24%
grade 3 events	11823	11980	11612	11923	12686	17301
	5%	5%	5%	5%	4%	5%
grade 4 events	11847	12024	11611	12026	12511	17065
	5%	5%	5%	5%	4%	5%
grade 5 events	3127	3173	2782	3193	3516	7590
	1%	1%	1%	1%	1%	2%
grade 6 events	26543	28074	24854	25144	32550	95330
	11%	11%	10%	10%	12%	30%
grade 7 events	44783	46483	45940	48279	51927	56541
	19%	19%	20%	20%	20%	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	18.485787016125	Alternating exposures requested	N	N
Pointing Dec	0	15.27498218905737	Primary exposure time	3.2	3.2
Pointing Roll	0.0	208.4502099011674			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	214329428.590783	214329427.56578			
Observation start date	2004-10-16T15:57:09	2004-10-16T15:57:07			
Observation end time	214351675.191779	214351674.16677			
Observation end date	2004-10-16T22:07:55	2004-10-16T22:07:54			
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)	2006.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27866565

A.2 Comments