

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 60032 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 17 2006

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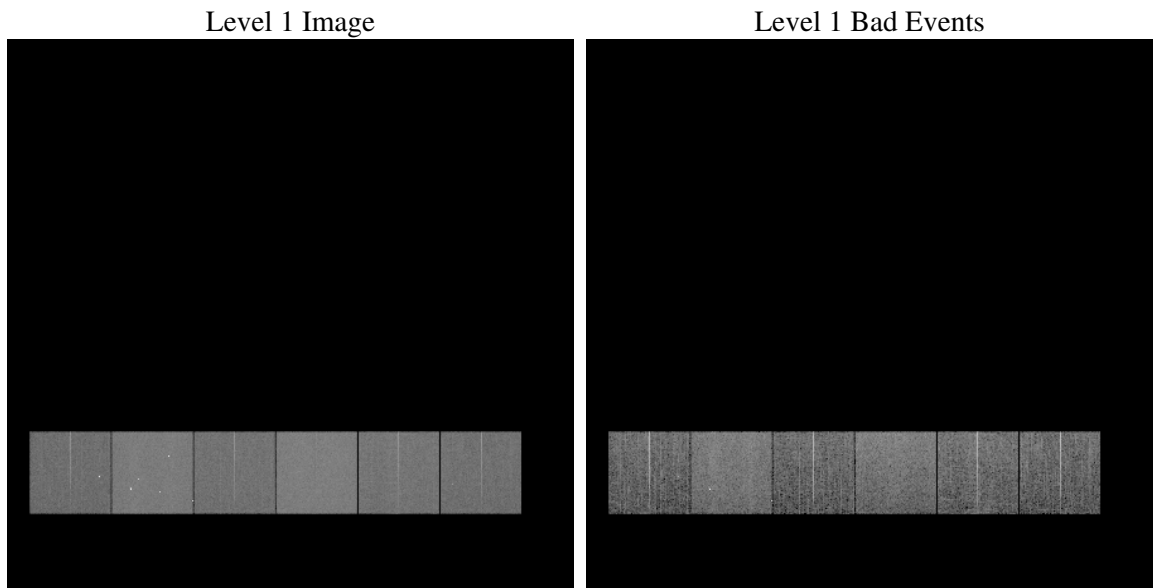
1 Front

seq_num	
obs_id	60032
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	5.9707056709725
dec_nom	9.9978808574313
roll_nom	149.3755502145
revision	2
ontime	8188.7999694943
livetime	8085.1084535772
ontime4	5531.2011620104
ontime5	8188.7999694943
ontime6	6007.6251989603
ontime7	8188.7999694943
ontime8	6249.5443527699
ontime9	5835.8529768884
l2events	1098091

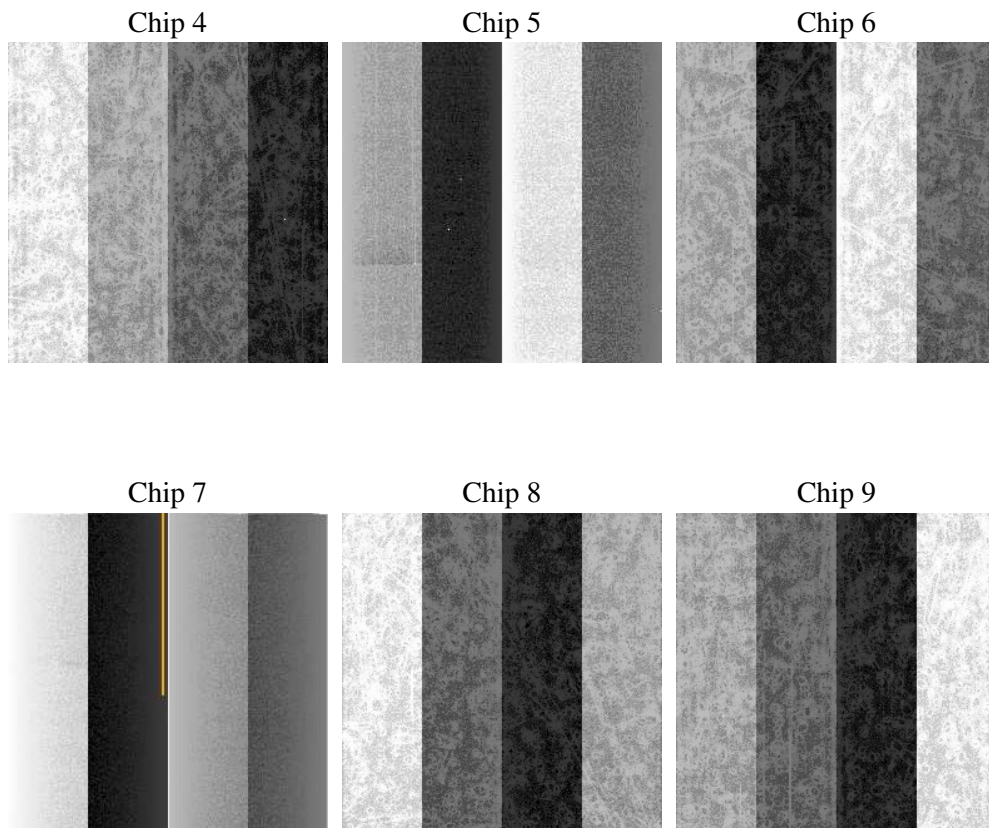
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-18T01:54:04
revision	2

sched_exp_time	0.0
ontime	8277.5261498988
ontime4	5590.7585400641
ontime5	8277.5261498988
ontime6	6073.6644875705
ontime7	8277.5261498988
ontime8	6319.9784390032
ontime9	5892.1693148613
l1events	1497869

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	202378	295870	227154	310571	245444	216452
rejected events	47362	68626	47791	64469	53695	47179
rejected %	23%	23%	21%	20%	21%	21%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92307	26135	97987	40648	105501	94505
	45%	8%	43%	13%	42%	43%
grade 1 events	688	255	468	118	535	532
	0%	0%	0%	0%	0%	0%
grade 2 events	23525	106769	32120	76853	34035	28933
	11%	36%	14%	24%	13%	13%
grade 3 events	10587	7046	11018	17295	12326	10873
	5%	2%	4%	5%	5%	5%
grade 4 events	10278	6476	11008	16673	12605	10787
	5%	2%	4%	5%	5%	4%
grade 5 events	2587	6590	2934	7016	3564	3026
	1%	2%	1%	2%	1%	1%
grade 6 events	20068	83347	29320	97448	29472	25868
	9%	28%	12%	31%	12%	11%
grade 7 events	42338	59252	42299	54520	47406	41928
	20%	20%	18%	17%	19%	19%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	5.970705670972538	Alternating exposures requested	N	N
Pointing Dec	0	9.997880857431339	Primary exposure time	3.2	3.2
Pointing Roll	0.0	149.3755502145039			
SIM focus pos (mm)	-0.684267	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	212273048.898843	212273047.87386			
Observation start date	2004-09-22T20:44:09	2004-09-22T20:44:07			
Observation end time	212296767.399902	212296766.37492			
Observation end date	2004-09-23T03:19:27	2004-09-23T03:19:26			
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)	2006.04.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.18879996

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation.