

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 60028 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 17 2006

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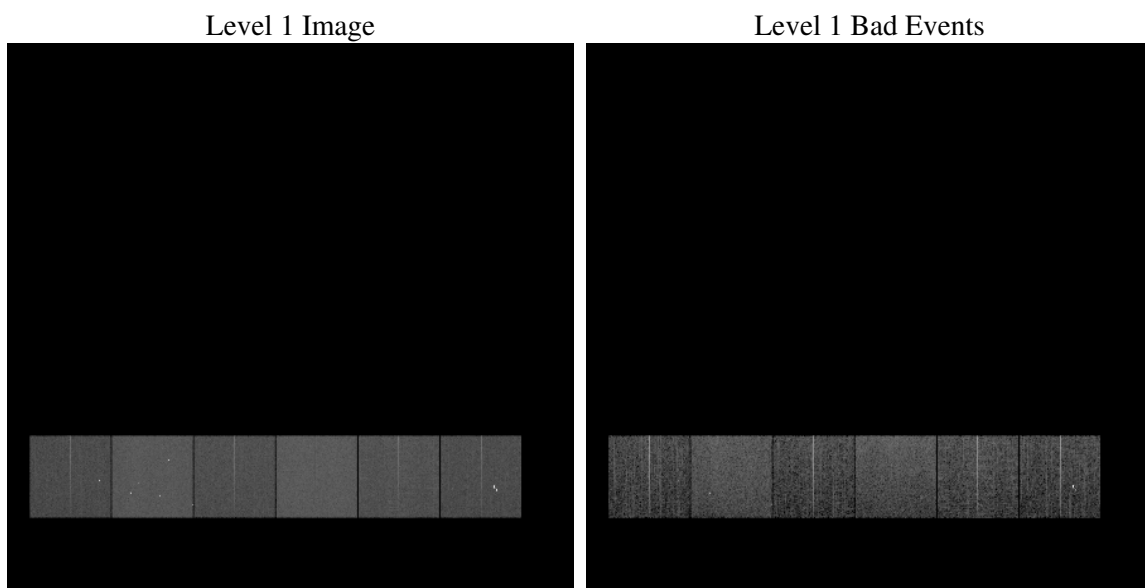
1 Front

seq_num	
obs_id	60028
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	354.99256180604
dec_nom	11.971119592564
roll_nom	223.53067585899
revision	2
ontime	7800.8083676398
livetime	7702.0298350058
ontime4	5350.7482661009
ontime5	7800.8494076431
ontime6	5772.0351625085
ontime7	7800.8083676398
ontime8	6034.6375113428
ontime9	5538.5610030293
l2events	1041329

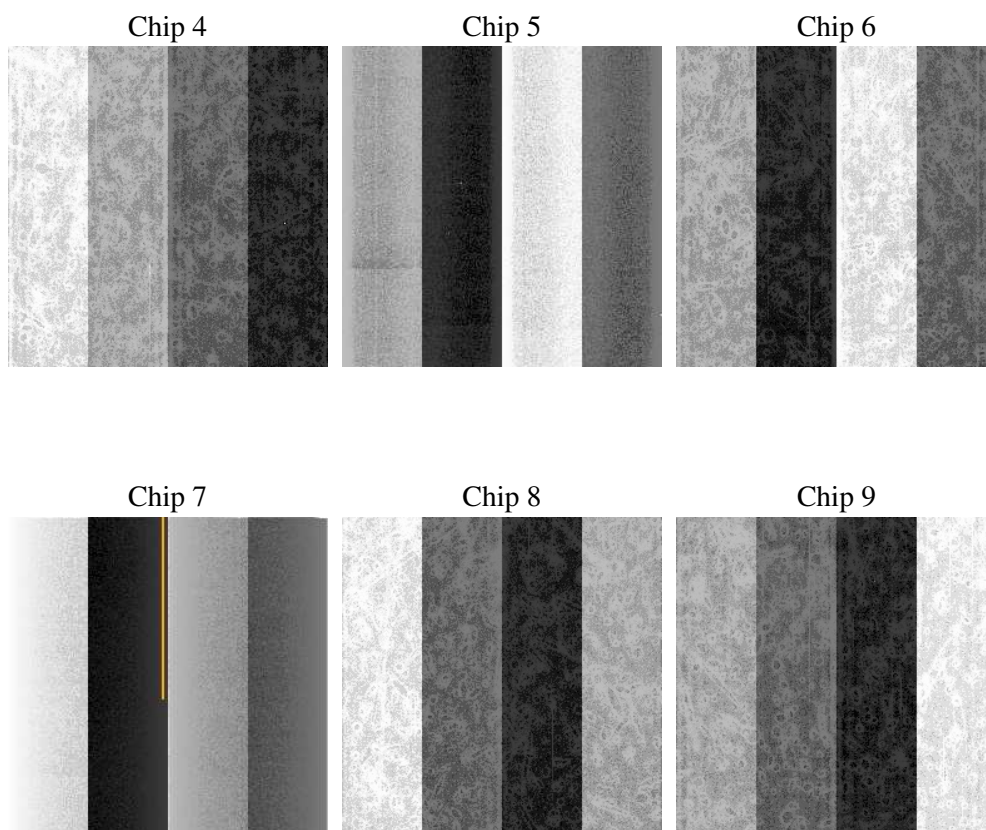
2 OBI

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	2006-04-17T17:08:09
revision	2

sched_exp_time	0.0
ontime	7801.1105784476
ontime4	5350.9273568988
ontime5	7801.1105784476
ontime6	5772.2552933097
ontime7	7801.1105784476
ontime8	6034.7755621672
ontime9	5538.9042538404
l1events	1413010

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	190456	276200	213353	289533	231440	212028
rejected events	43392	60690	44009	57374	50026	46620
rejected %	22%	21%	20%	19%	21%	21%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	85575	28092	91922	39691	98830	93466
	44%	10%	43%	13%	42%	44%
grade 1 events	663	332	484	124	567	3899
	0%	0%	0%	0%	0%	1%
grade 2 events	23225	98150	29638	70168	31631	28466
	12%	35%	13%	24%	13%	13%
grade 3 events	9890	7028	10358	16460	12092	10017
	5%	2%	4%	5%	5%	4%
grade 4 events	9940	6680	10422	16239	11860	10208
	5%	2%	4%	5%	5%	4%
grade 5 events	2544	6150	2979	6885	3537	3004
	1%	2%	1%	2%	1%	1%
grade 6 events	18434	75560	27004	89601	27001	23251
	9%	27%	12%	30%	11%	10%
grade 7 events	40185	54208	40546	50365	45922	39717
	21%	19%	19%	17%	19%	18%

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	354.9925618060449	Alternating exposures requested	N	N
Pointing Dec	0	11.9711195925638	Primary exposure time	3.2	3.2
Pointing Roll	0.0	223.530675858989			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	212688563.417447	212688562.39244			
Observation start date	2004-09-27T16:09:23	2004-09-27T16:09:22			
Observation end time	212706605.468255	212706604.44324			
Observation end date	2004-09-27T21:10:05	2004-09-27T21:10:04			
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)	2006.04.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80080836

A.2 Comments