

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60452 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 23 2006

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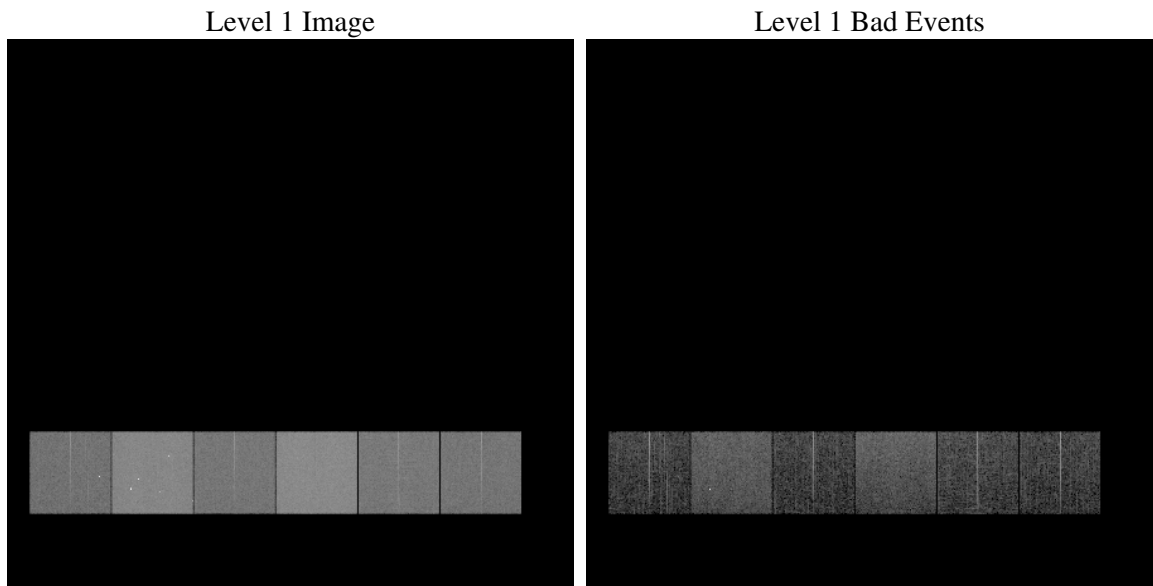
1 Front

seq_num	
obs_id	60452
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	304.99572493051
dec_nom	-67.028542508017
roll_nom	233.72804272028
revision	2
ontime	8462.6308594644
livetime	8355.4719319373
ontime4	4499.0514531732
ontime5	8462.6718994677
ontime6	4900.8917690516
ontime7	8462.6308594644
ontime8	5011.1668978333
ontime9	4810.0218604505
l2events	1221683

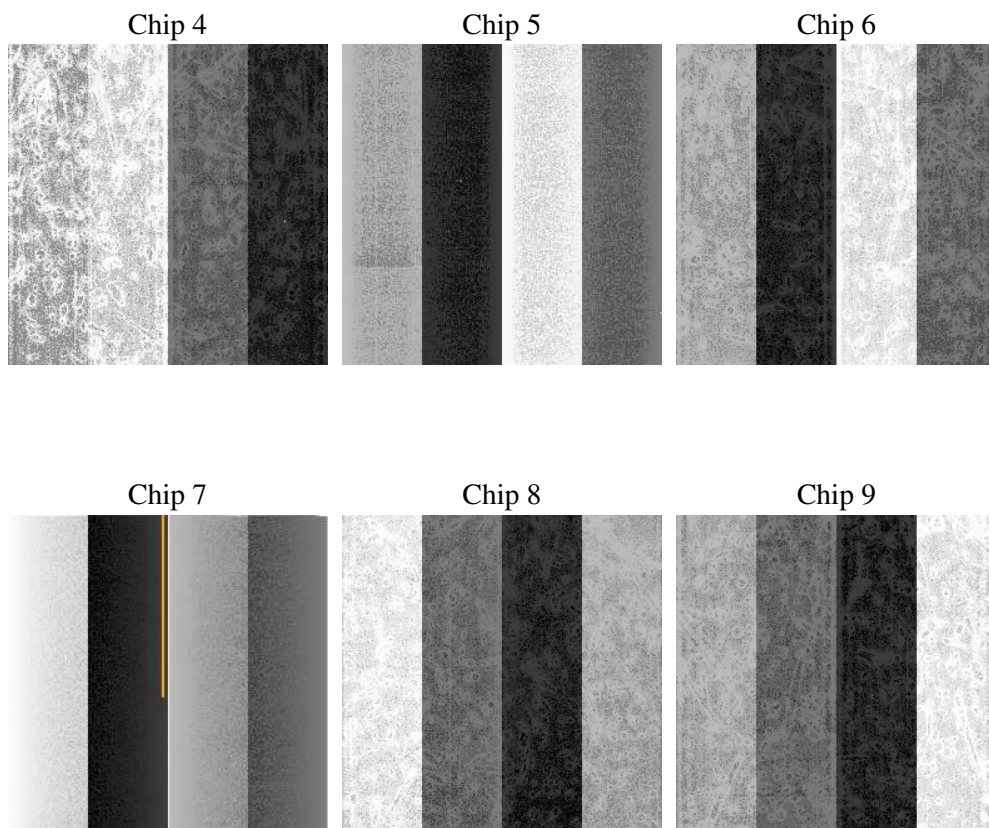
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-23T23:42:26
revision	2

sched_exp_time	0.0
ontime	8465.486207515
ontime4	4501.7836812139
ontime5	8465.486207515
ontime6	4903.6650370955
ontime7	8465.486207515
ontime8	5013.8580859005
ontime9	4812.9182485044
l1events	1536721

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	189819	337825	214050	363259	226618	205150
rejected events	31820	61937	30595	56318	36304	31682
rejected %	16%	18%	14%	15%	16%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	91981	32952	99667	53524	103599	95316
	48%	9%	46%	14%	45%	46%
grade 1 events	685	111	472	133	556	523
	0%	0%	0%	0%	0%	0%
grade 2 events	24716	130841	31276	94369	33049	29415
	13%	38%	14%	25%	14%	14%
grade 3 events	10530	8790	11356	21933	12175	11129
	5%	2%	5%	6%	5%	5%
grade 4 events	10383	8678	11260	21270	12073	10981
	5%	2%	5%	5%	5%	5%
grade 5 events	1940	6419	2250	6909	2624	2376
	1%	1%	1%	1%	1%	1%
grade 6 events	20496	94732	30011	115953	29521	26746
	10%	28%	14%	31%	13%	13%
grade 7 events	29088	55302	27758	49168	33021	28664
	15%	16%	12%	13%	14%	13%

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	304.995724930514	Alternating exposures requested	N	N
Pointing Dec	0	-67.02854250801708	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	233.7280427202827			
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	187826092.620981	187826091.59627			
Observation start date	2003-12-14T21:54:53	2003-12-14T21:54:51			
Observation end time	187849325.271989	187849324.24728			
Observation end date	2003-12-15T04:22:05	2003-12-15T04:22:04			
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)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.46263085

A.2 Comments