

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60241 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 18 2006

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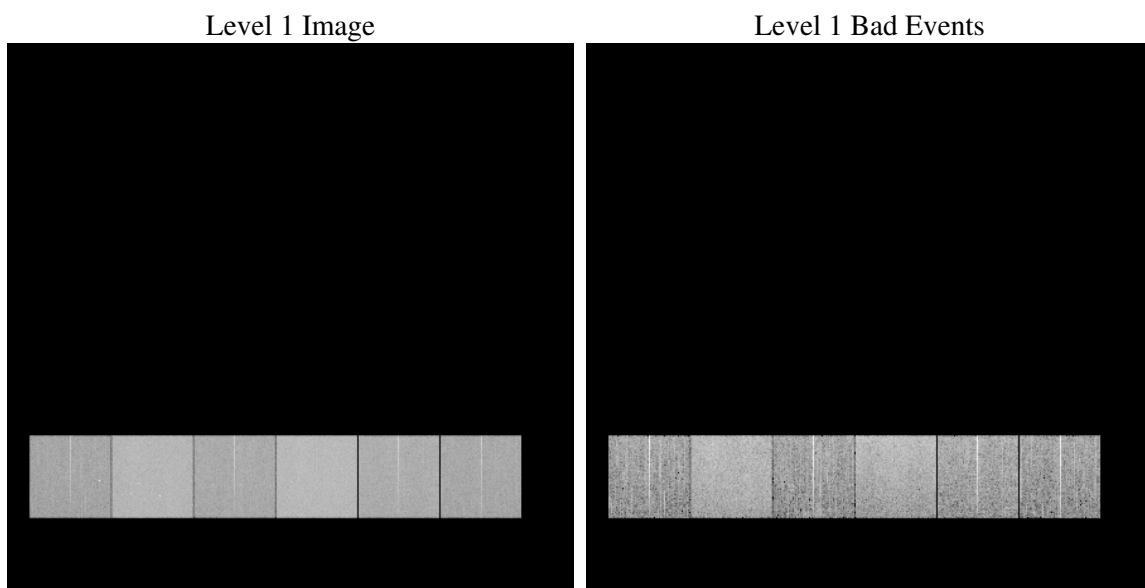
1 Front

seq_num	
obs_id	60241
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	222.23082999339
dec_nom	-22.100406946789
roll_nom	326.22828039179
revision	2
ontime	8358.3999688625
livetime	8252.5608756326
ontime4	5223.433703661
ontime5	8358.3999688625
ontime6	5651.2021745443
ontime7	8358.3999688625
ontime8	5953.5997640789
ontime9	5492.2703655064
l2events	1150109

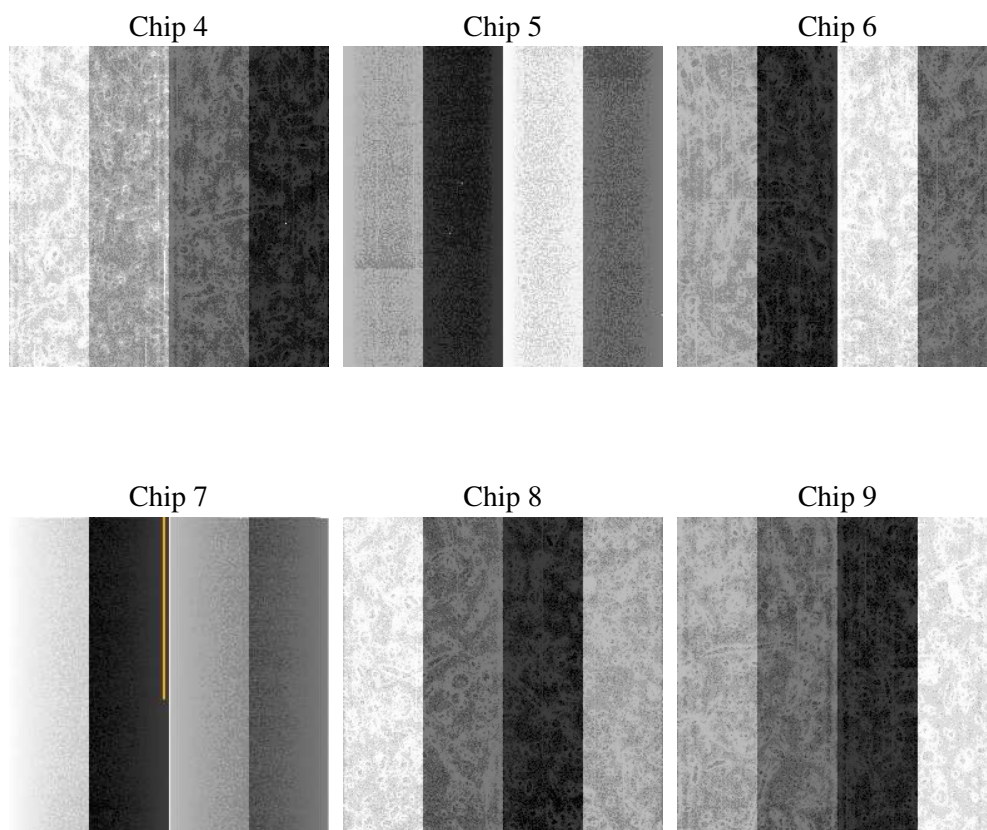
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-19T01:43:52
revision	2

sched_exp_time	0.0
ontime	8459.0176729858
ontime4	5289.3469296694
ontime5	8459.0176729858
ontime6	5713.9153806269
ontime7	8459.0176729858
ontime8	6028.2897258401
ontime9	5558.3477315903
l1events	1531741

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	201261	310452	227326	333528	245384	213790
rejected events	45019	69040	45353	64849	50105	43674
rejected %	22%	22%	19%	19%	20%	20%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	91897	26701	100355	46569	108442	94951
	45%	8%	44%	13%	44%	44%
grade 1 events	683	101	528	123	555	580
	0%	0%	0%	0%	0%	0%
grade 2 events	25147	115206	31524	82606	34332	29293
	12%	37%	13%	24%	13%	13%
grade 3 events	10413	7673	11207	19483	12854	11004
	5%	2%	4%	5%	5%	5%
grade 4 events	10415	7388	11505	19068	12693	11172
	5%	2%	5%	5%	5%	5%
grade 5 events	2455	6423	2916	7430	3410	2877
	1%	2%	1%	2%	1%	1%
grade 6 events	20246	87339	29343	104113	29366	25711
	10%	28%	12%	31%	11%	12%
grade 7 events	40005	59621	39948	54136	43732	38202
	19%	19%	17%	16%	17%	17%

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	222.2308299933935	Alternating exposures requested	N	N
Pointing Dec	0	-22.10040694678904	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	326.2282803917867			
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	200393390.621602	200393389.59657			
Observation start date	2004-05-08T08:49:51	2004-05-08T08:49:49			
Observation end time	200416182.522608	200416181.49757			
Observation end date	2004-05-08T15:09:43	2004-05-08T15:09:41			
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)	2006.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.35839996

A.2 Comments