

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59781 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 25 2006

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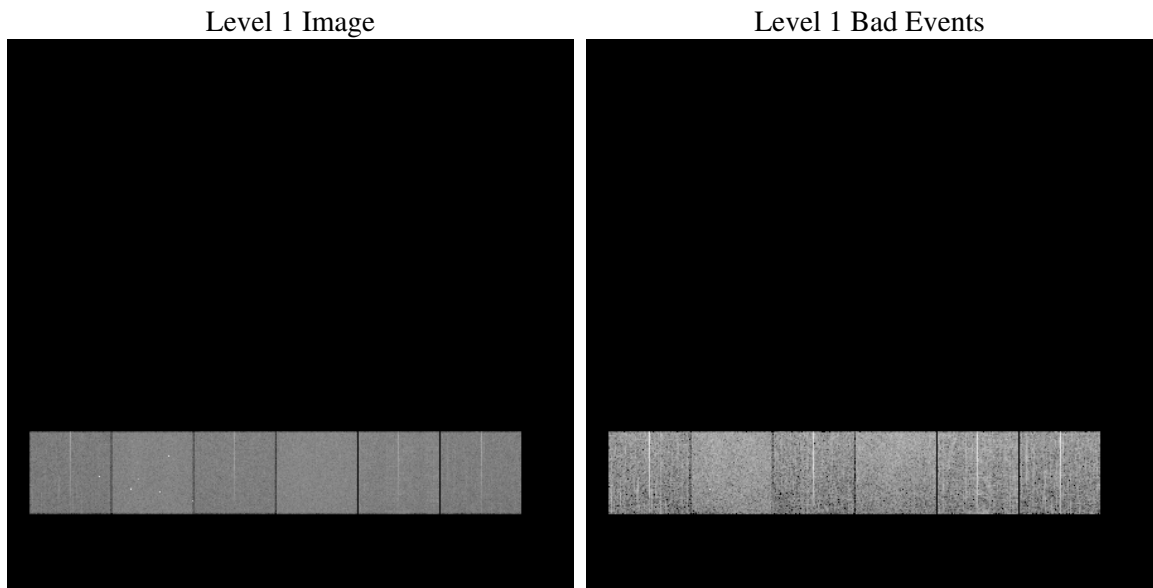
1 Front

seq_num	
obs_id	59781
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	164.97023270369
dec_nom	17.002983513473
roll_nom	141.20480268227
revision	2
ontime	5516.7933781147
livetime	5446.9364185468
ontime4	4424.5943208039
ontime5	5516.7999794483
ontime6	4726.004357487
ontime7	5516.7933781147
ontime8	4881.7275224924
ontime9	4661.1372908354
l2events	726331

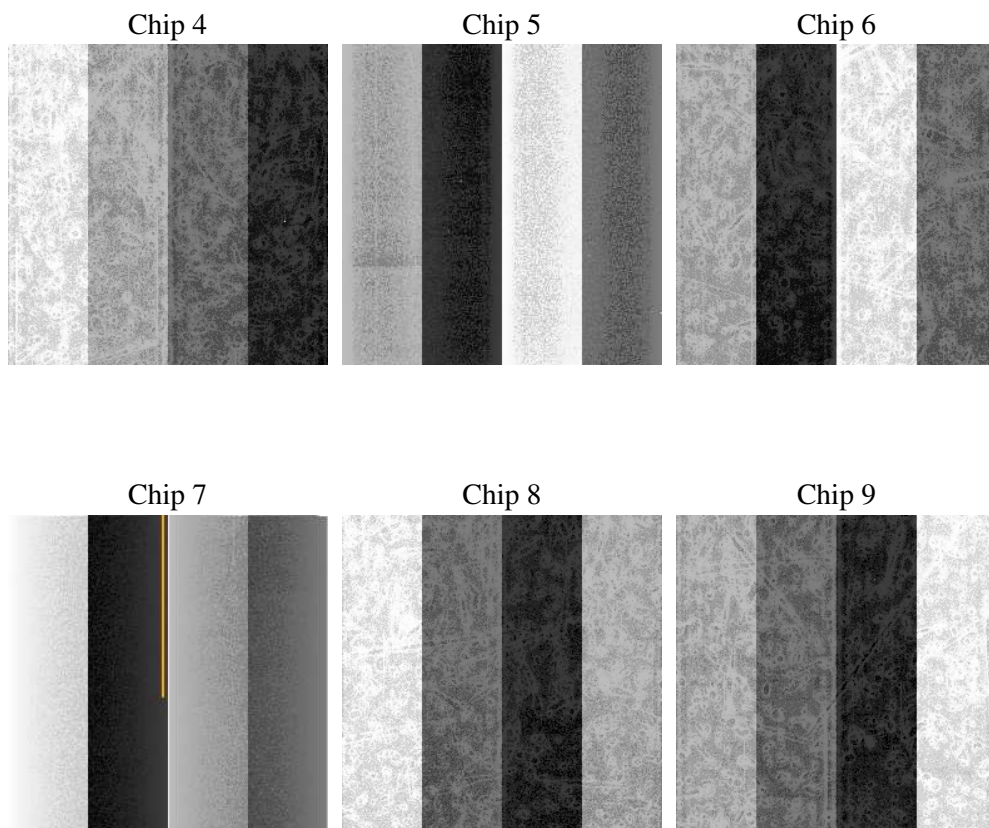
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T17:07:07
revision	2

sched_exp_time	0.0
ontime	5519.4264997542
ontime4	4427.2208411098
ontime5	5519.4264997542
ontime6	4728.6308777928
ontime7	5519.4264997542
ontime8	4884.1964841485
ontime9	4663.8114524782
l1events	1002985

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	144390	181453	159156	189858	173996	154132
rejected events	35307	42508	34007	40123	40898	35624
rejected %	24%	23%	21%	21%	23%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	63560	16759	67849	24999	72075	65081
	44%	9%	42%	13%	41%	42%
grade 1 events	484	63	333	80	404	402
	0%	0%	0%	0%	0%	0%
grade 2 events	17344	64384	21837	45359	23264	20500
	12%	35%	13%	23%	13%	13%
grade 3 events	7260	4276	7678	10582	8739	7644
	5%	2%	4%	5%	5%	4%
grade 4 events	7170	4164	7901	10345	8918	7773
	4%	2%	4%	5%	5%	5%
grade 5 events	2000	4207	2315	4695	2872	2430
	1%	2%	1%	2%	1%	1%
grade 6 events	13825	49436	19974	58535	20190	17600
	9%	27%	12%	30%	11%	11%
grade 7 events	32747	38164	31269	35263	37534	32702
	22%	21%	19%	18%	21%	21%

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	164.9702327036853	Alternating exposures requested	N	N
Pointing Dec	0	17.00298351347251	Primary exposure time	3.2	3.2
Pointing Roll	0.0	141.204802682269			
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	225711285.353222	225711284.32822			
Observation start date	2005-02-25T09:34:45	2005-02-25T09:34:44			
Observation end time	225728886.65402	225728885.62902			
Observation end date	2005-02-25T14:28:07	2005-02-25T14:28:05			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.51679337

A.2 Comments