

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59783 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 25 2006

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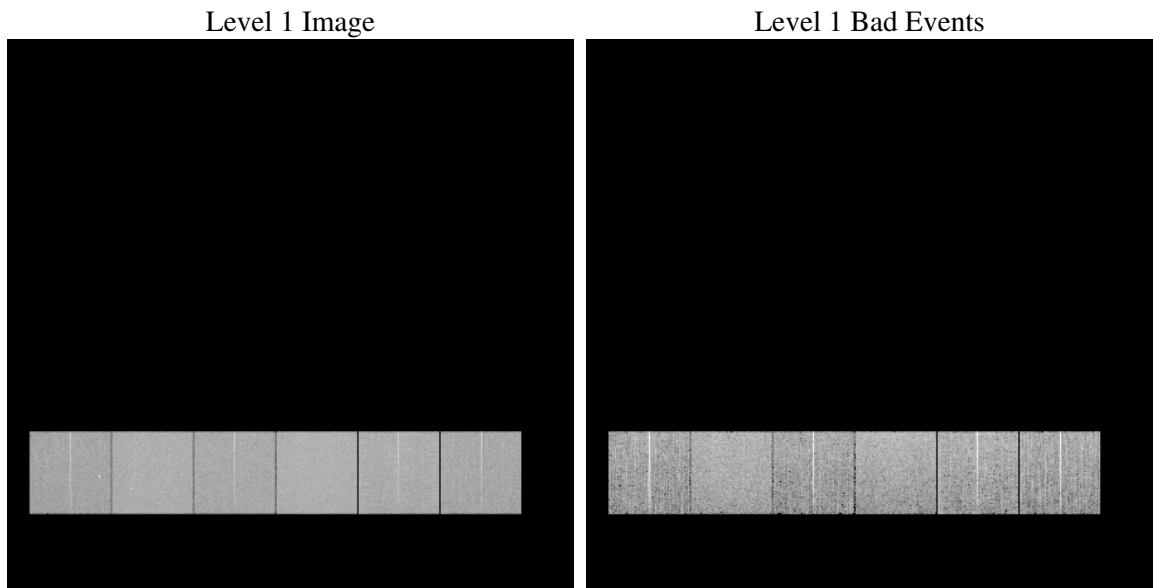
1 Front

seq_num	
obs_id	59783
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	164.9705644685
dec_nom	17.007673584568
roll_nom	130.06319159421
revision	2
ontime	7567.999971807
livetime	7472.1693992615
ontime4	6041.5007442236
ontime5	7567.999971807
ontime6	6530.8876996338
ontime7	7567.999971807
ontime8	6728.5873061121
ontime9	6257.6975040436
l2events	995021

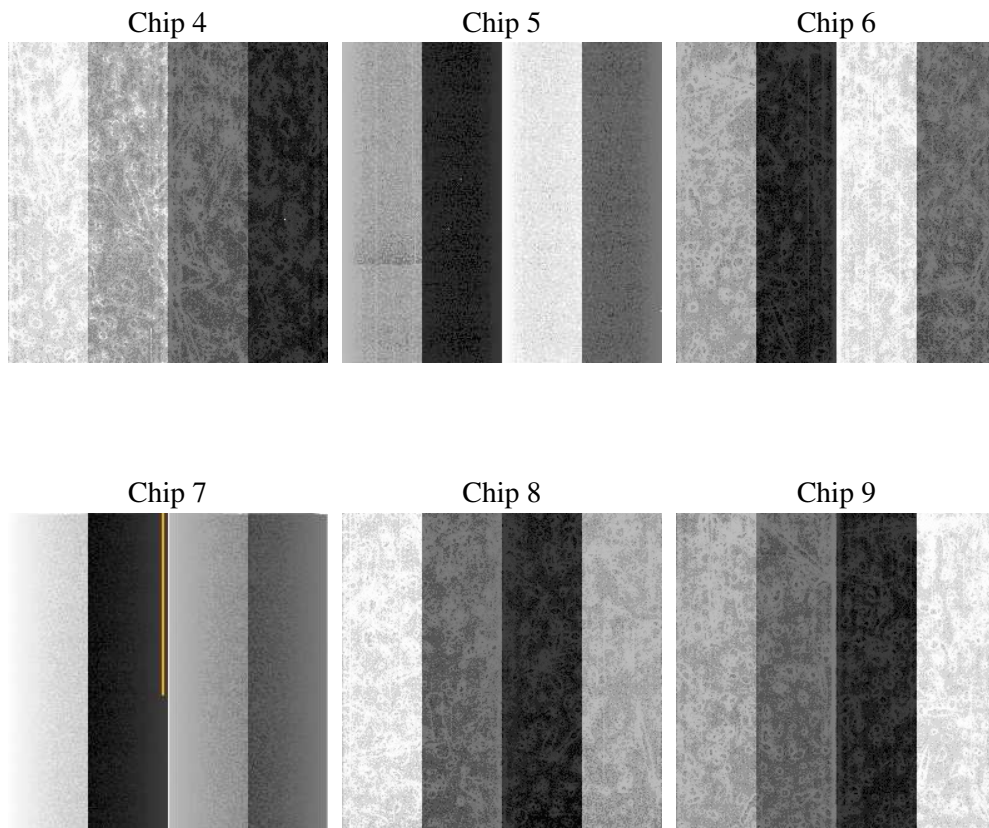
2 OBI

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	2006-02-25T16:43:48
revision	2

sched_exp_time	0.0
ontime	7671.4621270895
ontime4	6122.2760277092
ontime5	7671.4621270895
ontime6	6624.6269240975
ontime7	7671.4621270895
ontime8	6819.0855502486
ontime9	6339.4211275876
l1events	1384612

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	199133	247157	222611	262291	242366	211054
rejected events	50564	60780	49717	57400	58252	51816
rejected %	25%	24%	22%	21%	24%	24%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	87286	20845	95248	35319	101075	88494
	43%	8%	42%	13%	41%	41%
grade 1 events	685	104	499	102	551	528
	0%	0%	0%	0%	0%	0%
grade 2 events	23960	87297	30171	62600	32763	27952
	12%	35%	13%	23%	13%	13%
grade 3 events	10060	6144	11035	15092	12264	10432
	5%	2%	4%	5%	5%	4%
grade 4 events	10069	6041	10804	14533	12076	10356
	5%	2%	4%	5%	4%	4%
grade 5 events	2740	5737	3152	6618	3888	3211
	1%	2%	1%	2%	1%	1%
grade 6 events	19196	68676	28108	80202	28323	24104
	9%	27%	12%	30%	11%	11%
grade 7 events	45137	52313	43594	47825	51426	45977
	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	164.9705644685005	Alternating exposures requested	N	N
Pointing Dec	0	17.0076735845681	Primary exposure time	3.2	3.2
Pointing Roll	0.0	130.063191594212			
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	225522172.844662	225522171.81966			
Observation start date	2005-02-23T05:02:53	2005-02-23T05:02:51			
Observation end time	225545686.345726	225545685.32073			
Observation end date	2005-02-23T11:34:46	2005-02-23T11:34:45			
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	7.56799997

A.2 Comments