

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59700 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 28 2006

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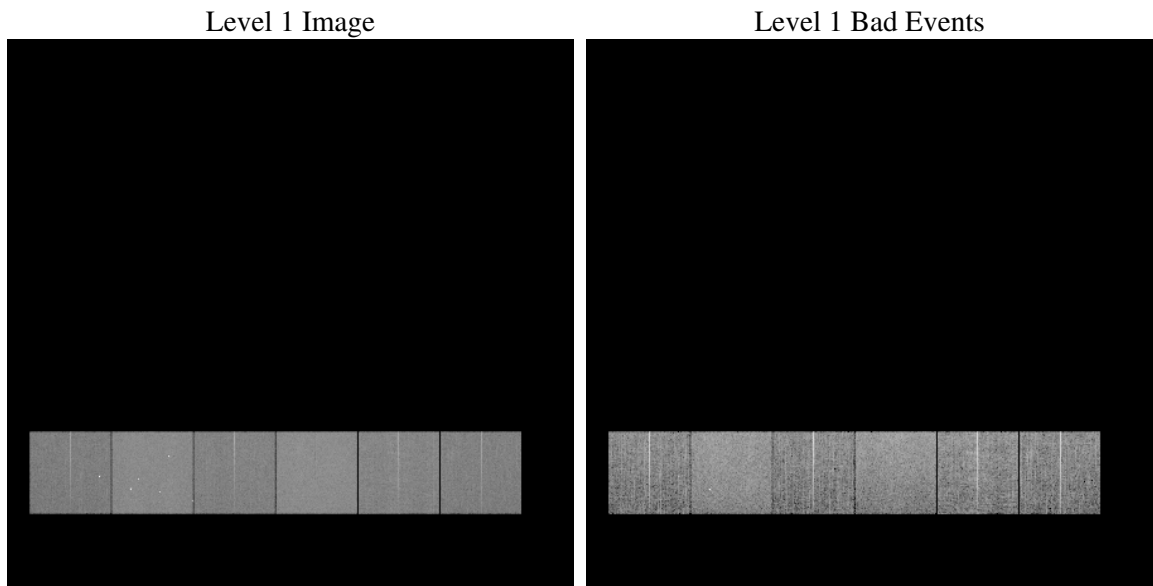
1 Front

seq_num	
obs_id	59700
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	177.51703892078
dec_nom	-11.523203534933
roll_nom	272.84262895851
revision	2
ontime	8595.1999679804
livetime	8486.3623705777
ontime4	6054.2681375742
ontime5	8595.1999679804
ontime6	6657.606905967
ontime7	8595.1999679804
ontime8	6767.2854561508
ontime9	6397.8134928644
l2events	1128098

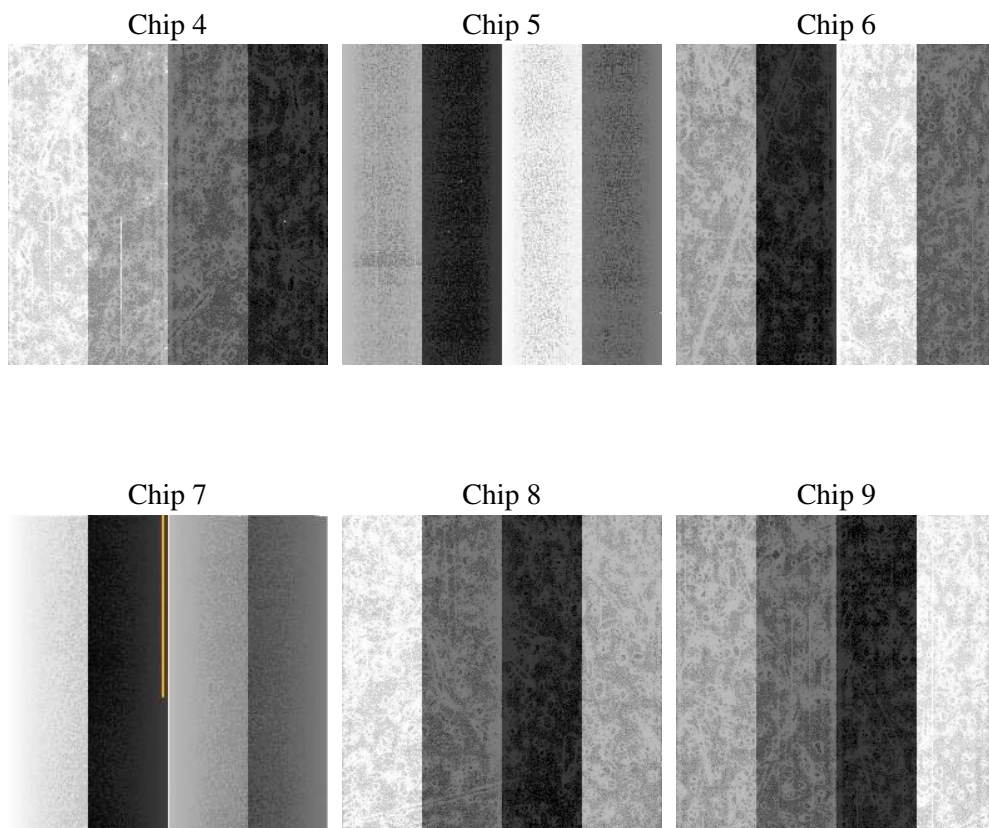
2 OBI

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	2006-03-01T02:11:10
revision	2

sched_exp_time	0.0
ontime	8598.3995505571
ontime4	6057.4677201509
ontime5	8598.3995505571
ontime6	6660.2917278707
ontime7	8598.3995505571
ontime8	6770.4850387275
ontime9	6401.0130754411
l1events	1552908

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	213613	296728	241376	313469	260077	227645
rejected events	51958	69580	53133	65616	60488	52881
rejected %	24%	23%	22%	20%	23%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	92961	26120	100044	42233	105937	94908
	43%	8%	41%	13%	40%	41%
grade 1 events	749	125	547	142	587	631
	0%	0%	0%	0%	0%	0%
grade 2 events	25170	105023	32581	75555	35434	29459
	11%	35%	13%	24%	13%	12%
grade 3 events	10757	6873	11575	17338	13127	11056
	5%	2%	4%	5%	5%	4%
grade 4 events	10713	6743	11771	17153	12780	11172
	5%	2%	4%	5%	4%	4%
grade 5 events	2885	6740	3352	7642	4151	3435
	1%	2%	1%	2%	1%	1%
grade 6 events	22164	82496	32380	95683	32410	28276
	10%	27%	13%	30%	12%	12%
grade 7 events	48214	62608	49126	57723	55651	48708
	22%	21%	20%	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	177.5170389207805	Alternating exposures requested	N	N
Pointing Dec	0	-11.52320353493267	Primary exposure time	3.2	3.2
Pointing Roll	0.0	272.8426289585099			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	229819044.789608	229819043.76458			
Observation start date	2005-04-13T22:37:25	2005-04-13T22:37:23			
Observation end time	229866200.941755	229866199.91673			
Observation end date	2005-04-14T11:43:21	2005-04-14T11:43:19			
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)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.59519996

A.2 Comments