

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61691 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 15 2006

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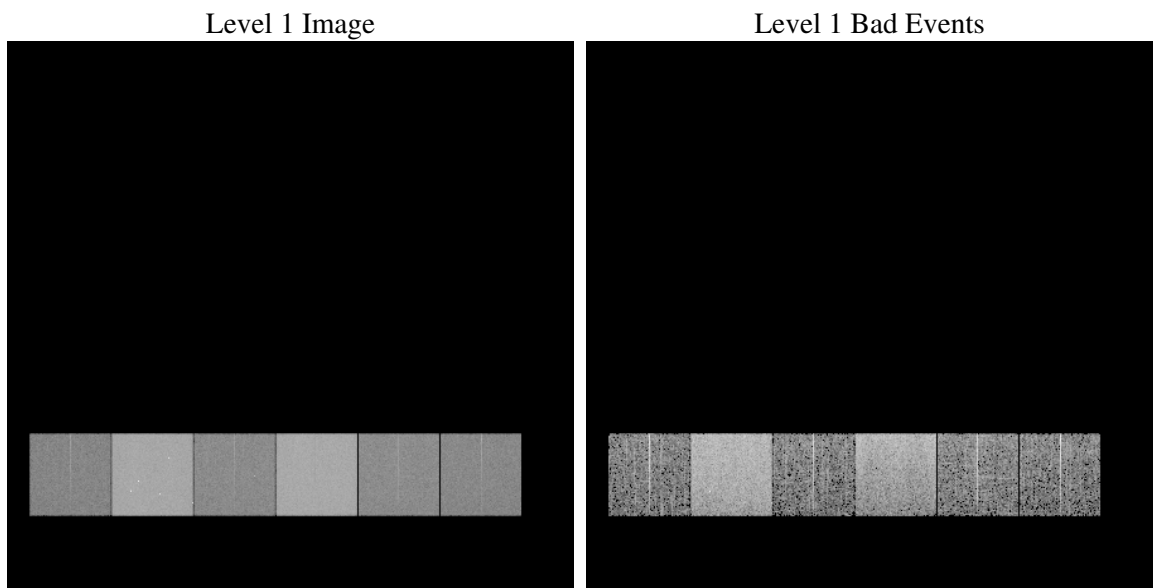
1 Front

seq_num	
obs_id	61691
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	85.015941354839
dec_nom	-33.025470964623
roll_nom	265.26518238011
revision	2
ontime	5569.6656871736
livetime	5499.1392265926
ontime4	2169.9763269126
ontime5	5952.1394966096
ontime6	2380.602736786
ontime7	5569.6656871736
ontime8	2429.3005063981
ontime9	2289.7305269539
l2events	1301561

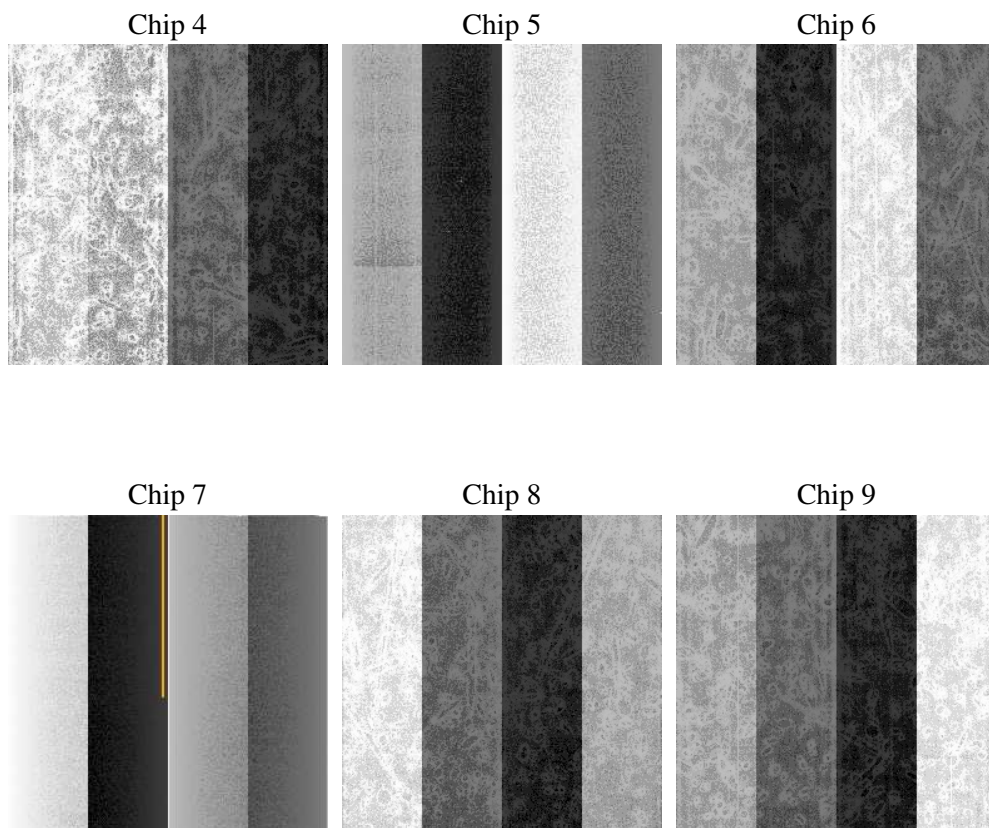
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-16T02:51:59
revision	2

sched_exp_time	0.0
ontime	5571.3072108179
ontime4	2171.494730562
ontime5	5953.7399802506
ontime6	2382.1621804386
ontime7	5571.3072108179
ontime8	2430.7778700441
ontime9	2291.4130906016
l1events	1536027

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160646	404720	187051	417250	193266	173094
rejected events	19360	54573	19084	42569	21689	19023
rejected %	12%	13%	10%	10%	11%	10%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	79980	45169	91627	71209	94871	84581
	49%	11%	48%	17%	49%	48%
grade 1 events	463	137	493	173	473	447
	0%	0%	0%	0%	0%	0%
grade 2 events	24826	166719	29094	111322	30265	27111
	15%	41%	15%	26%	15%	15%
grade 3 events	8590	12340	10459	28853	10737	9616
	5%	3%	5%	6%	5%	5%
grade 4 events	8820	12132	10477	28754	10595	9530
	5%	2%	5%	6%	5%	5%
grade 5 events	1269	6550	1492	6085	1587	1452
	0%	1%	0%	1%	0%	0%
grade 6 events	19070	113787	26310	134769	25109	23437
	11%	28%	14%	32%	12%	13%
grade 7 events	17628	47886	17099	36085	19629	16920
	10%	11%	9%	8%	10%	9%

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	85.01594135483923	Alternating exposures requested	N	N
Pointing Dec	0	-33.02547096462341	Primary exposure time	3.2	3.2
Pointing Roll	0.0	265.2651823801119			
SIM focus pos (mm)	-0.684267	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-190.132523	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	101699414.227108	101699413.45865			
Observation start date	2001-03-23T01:50:14	2001-03-23T01:50:13			
Observation end time	101709924.577515	101709923.80905			
Observation end date	2001-03-23T04:45:25	2001-03-23T04:45:23			
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)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.56966568

A.2 Comments