

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 61844 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 18 2007

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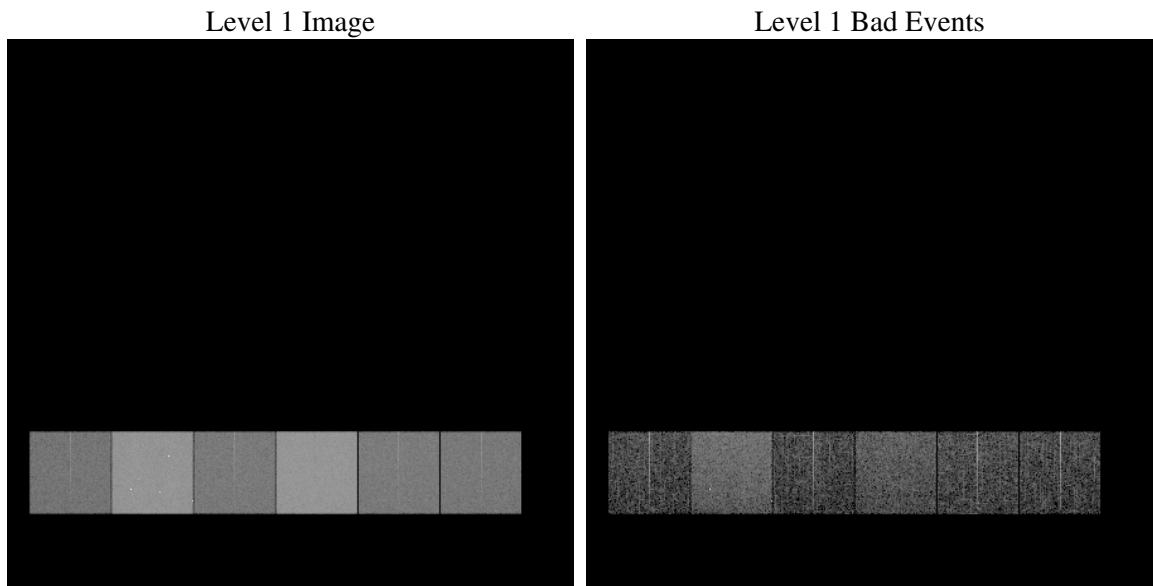
1 Front

seq_num	
obs_id	61844
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	208.56153119486
dec_nom	69.404680807911
roll_nom	26.858266367052
revision	2
ontime	5108.2175411284
livetime	5043.5342148233
ontime4	2081.2362457812
ontime5	5458.2838229835
ontime6	2269.1753159314
ontime7	5108.2175411284
ontime8	2314.6320853829
ontime9	2233.4010252059
l2events	1349700

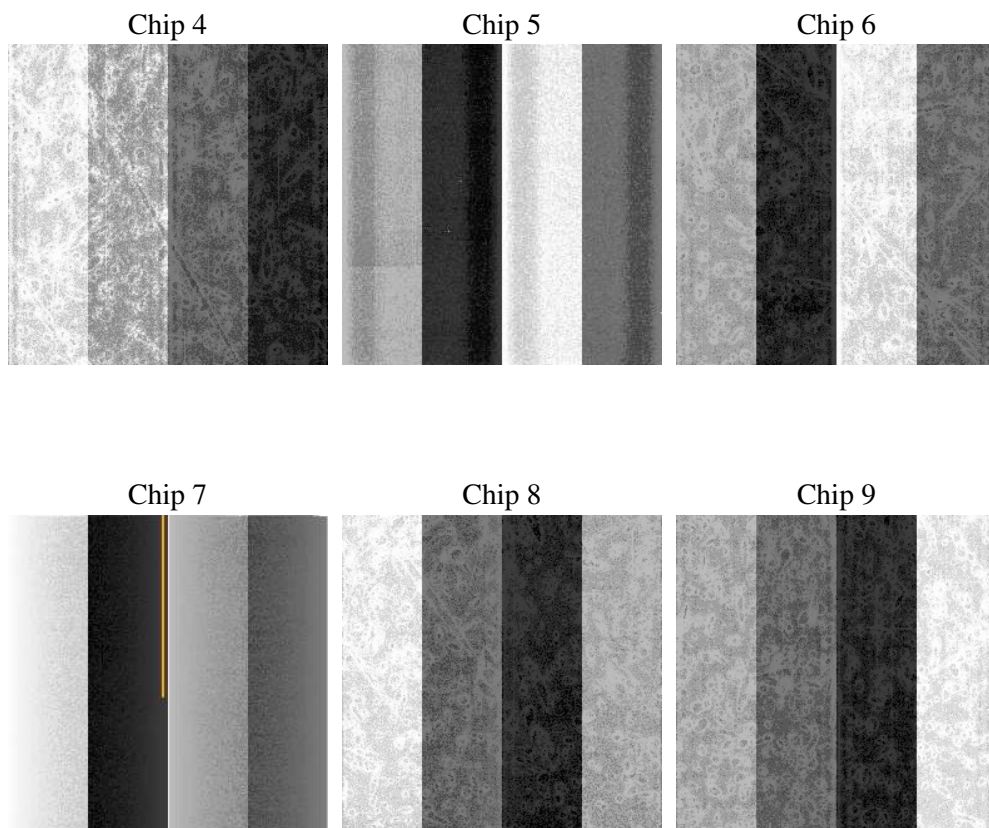
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-18T04:14:27
revision	2

sched_exp_time	0.0
ontime	5108.2175411284
ontime4	2081.2362457812
ontime5	5458.2838229835
ontime6	2269.1753159314
ontime7	5108.2175411284
ontime8	2314.6320853829
ontime9	2233.4010252059
l1events	1554616

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	167052	400694	192644	412405	198321	183500
rejected events	19079	42021	18421	26703	20914	18753
rejected %	11%	10%	9%	6%	10%	10%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	83986	86415	95212	99386	97970	90618
	50%	21%	49%	24%	49%	49%
grade 1 events	469	274	454	262	498	465
	0%	0%	0%	0%	0%	0%
grade 2 events	26285	130734	30355	84938	31316	28859
	15%	32%	15%	20%	15%	15%
grade 3 events	8943	22303	10755	39406	11130	10334
	5%	5%	5%	9%	5%	5%
grade 4 events	8972	22189	10619	38740	11247	10237
	5%	5%	5%	9%	5%	5%
grade 5 events	1294	8487	1492	5868	1683	1484
	0%	2%	0%	1%	0%	0%
grade 6 events	20024	97282	27541	123475	26004	24951
	11%	24%	14%	29%	13%	13%
grade 7 events	17079	33010	16216	20330	18473	16552
	10%	8%	8%	4%	9%	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	208.5615311948594	Alternating exposures requested	N	N
Pointing Dec	0	69.40468080791103	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	26.8582663670522			
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	91189342.623	91189341.85477699			
Observation start date	2000-11-21T10:22:23	2000-11-21T10:22:21			
Observation end time	91199852.97400001	91199852.20517799			
Observation end date	2000-11-21T13:17:33	2000-11-21T13:17:32			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.10821754

A.2 Comments