

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 62001 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 30 2007

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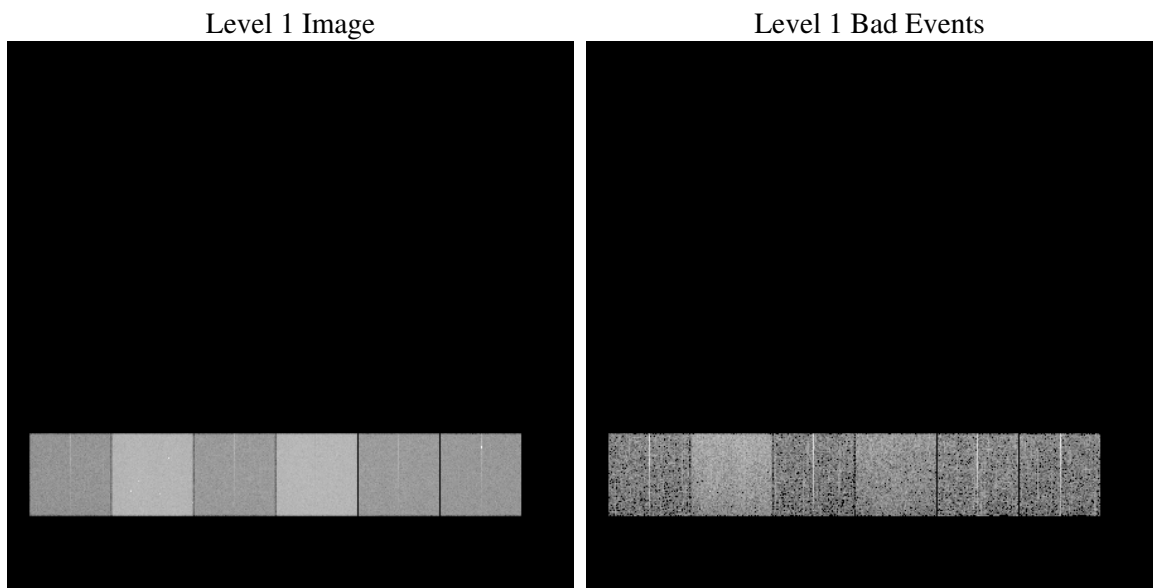
1 Front

seq_num	
obs_id	62001
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	334.09849376987
dec_nom	56.55442203087
roll_nom	138.74734881498
revision	4
ontime	4329.7878217548
livetime	4274.9614412705
ontime4	1743.4544966072
ontime5	4645.2878649831
ontime6	1939.0830821544
ontime7	4329.7878217548
ontime8	1952.1294018626
ontime9	1880.6212323904
l2events	1254387

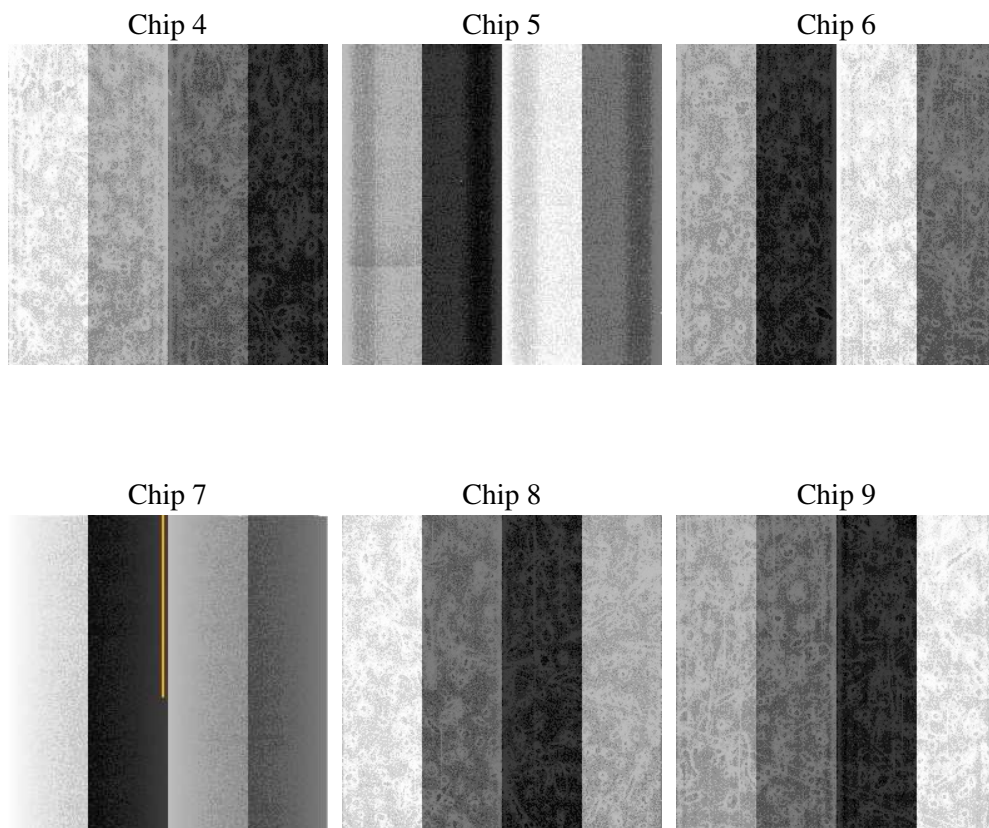
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-05-30T23:20:17
revision	4

sched_exp_time	0.0
ontime	4329.7878217548
ontime4	1743.4544966072
ontime5	4645.2878649831
ontime6	1939.0830821544
ontime7	4329.7878217548
ontime8	1952.1294018626
ontime9	1880.6212323904
l1events	1435117

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	152967	369706	179948	381513	182215	168768
rejected events	17217	34093	16922	22920	19175	16930
rejected %	11%	9%	9%	6%	10%	10%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	76994	88775	89512	93056	89979	83624
	50%	24%	49%	24%	49%	49%
grade 1 events	483	338	446	224	508	467
	0%	0%	0%	0%	0%	0%
grade 2 events	23848	113591	28559	79721	28910	27076
	15%	30%	15%	20%	15%	16%
grade 3 events	8386	23297	10004	37061	10374	9262
	5%	6%	5%	9%	5%	5%
grade 4 events	8372	23241	10073	36466	10232	9383
	5%	6%	5%	9%	5%	5%
grade 5 events	1189	7150	1309	5184	1427	1285
	0%	1%	0%	1%	0%	0%
grade 6 events	18423	86943	25143	112573	23811	22762
	12%	23%	13%	29%	13%	13%
grade 7 events	15272	26371	14902	17228	16974	14909
	9%	7%	8%	4%	9%	8%

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	334.098493769867	Alternating exposures requested	N	N
Pointing Dec	0	56.55442203086991	Primary exposure time	3.2	3.2
Pointing Roll	0.0	138.7473488149776			
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	79492825.28388301	79492824.515402			
Observation start date	2000-07-09T01:20:25	2000-07-09T01:20:24			
Observation end time	79540416.035639	79540415.26715			
Observation end date	2000-07-09T14:33:36	2000-07-09T14:33:35			
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)	2007.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.32978782

A.2 Comments