

V&V Reference Report

L2 ASCDS Version : 7.6.11.2

Observation 61991 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 3 2007

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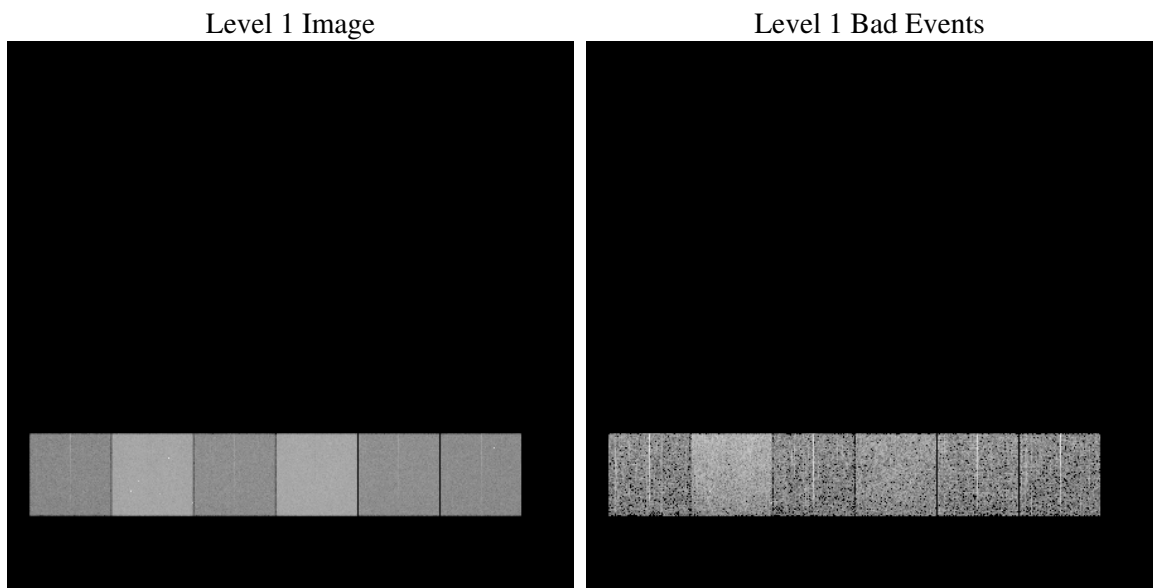
1 Front

seq_num	
obs_id	61991
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	158.99276749052
dec_nom	-54.376945080792
roll_nom	217.13930133663
revision	4
ontime	4284.3767552078
livetime	4230.1253969914
ontime4	1857.0076832324
ontime5	4589.0288208872
ontime6	2012.5366624892
ontime7	4284.3767552078
ontime8	2064.4752527624
ontime9	1944.3517325968
l2events	1265611

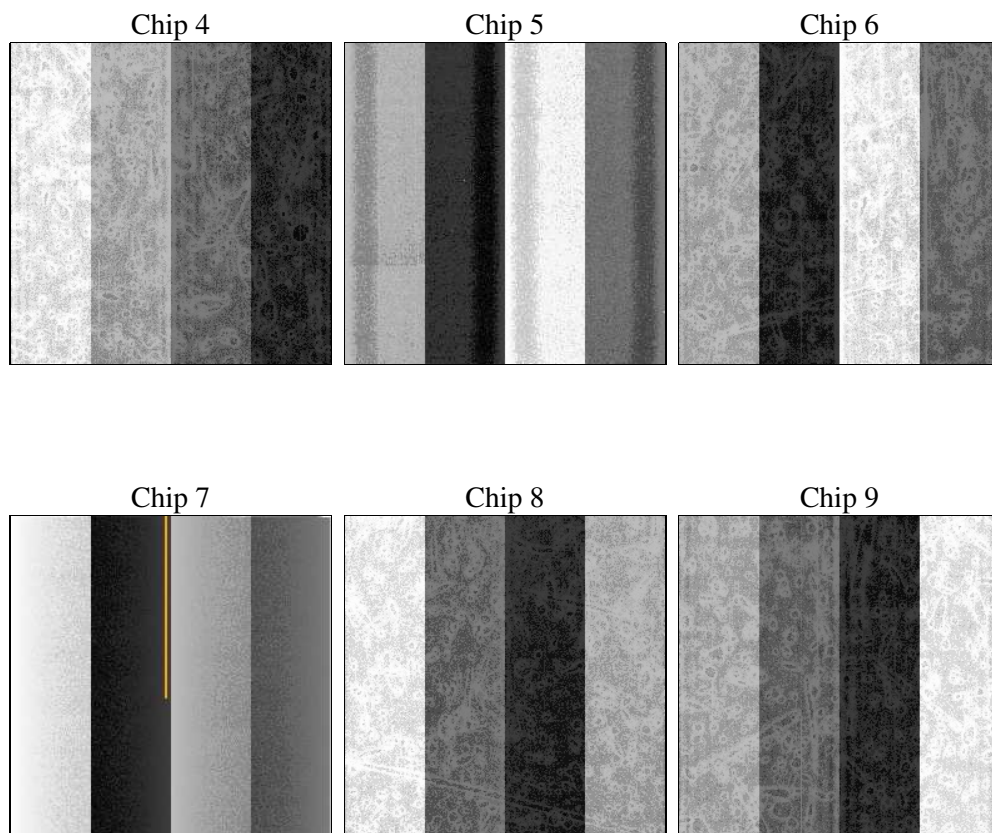
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-12-03T19:13:24
revision	4

sched_exp_time	0.0
ontime	4284.3767552078
ontime4	1857.0076832324
ontime5	4589.0288208872
ontime6	2012.5366624892
ontime7	4284.3767552078
ontime8	2064.4752527624
ontime9	1944.3517325968
l1events	1434994

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	160392	357603	185168	370601	189104	172126
rejected events	16417	29778	15750	19723	16877	15165
rejected %	10%	8%	8%	5%	8%	8%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	81582	89715	92663	91217	95430	86055
	50%	25%	50%	24%	50%	49%
grade 1 events	384	343	468	252	457	465
	0%	0%	0%	0%	0%	0%
grade 2 events	25251	109396	29568	78136	30282	28256
	15%	30%	15%	21%	16%	16%
grade 3 events	8970	23337	10238	35929	10757	9557
	5%	6%	5%	9%	5%	5%
grade 4 events	9042	23202	10432	35865	10867	9719
	5%	6%	5%	9%	5%	5%
grade 5 events	1141	6091	1327	4640	1419	1298
	0%	1%	0%	1%	0%	0%
grade 6 events	19130	82175	26517	109731	24891	23374
	11%	22%	14%	29%	13%	13%
grade 7 events	14892	23344	13955	14831	15001	13402
	9%	6%	7%	4%	7%	7%

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	158.9927674905176	Alternating exposures requested	N	N
Pointing Dec	0	-54.37694508079166	Primary exposure time	3.2	3.2
Pointing Roll	0.0	217.1393013366253			
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	80406116.974162	80406115.949155			
Observation start date	2000-07-19T15:01:57	2000-07-19T15:01:55			
Observation end time	80450825.425823	80450824.400822			
Observation end date	2000-07-20T03:27:05	2000-07-20T03:27:04			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.28437675

A.2 Comments