

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61094 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 30 2006

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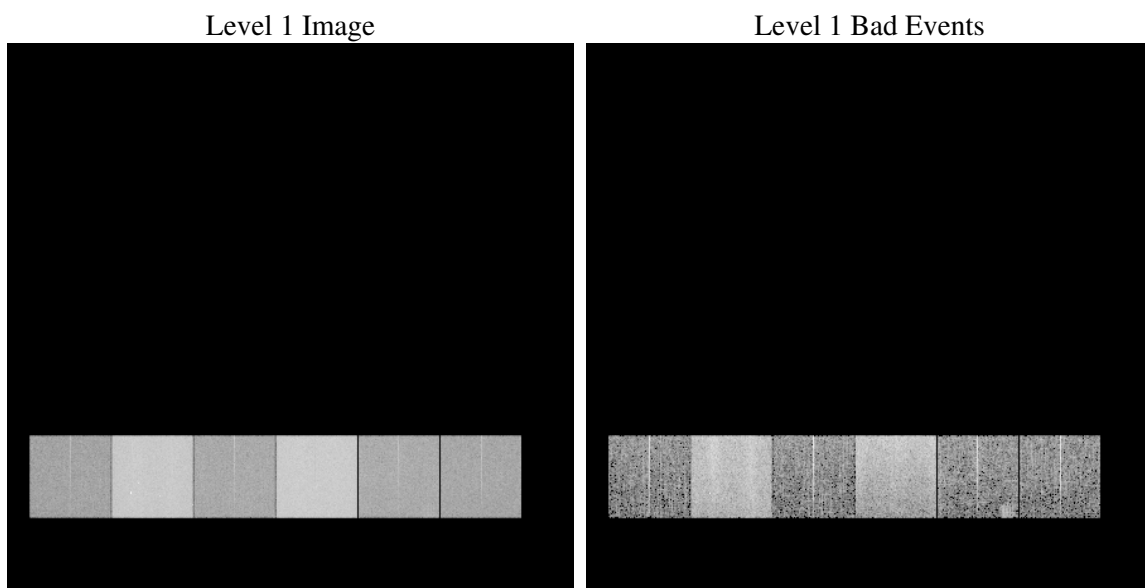
1 Front

seq_num	
obs_id	61094
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	283.13140051106
dec_nom	-37.514064950518
roll_nom	297.75091999666
revision	2
ontime	8187.074986577
livetime	8083.4053134323
ontime4	2962.7306557894
ontime5	8459.3571592271
ontime6	3277.0688312054
ontime7	8187.074986577
ontime8	3361.4182997346
ontime9	3134.3411872089
l2events	1282660

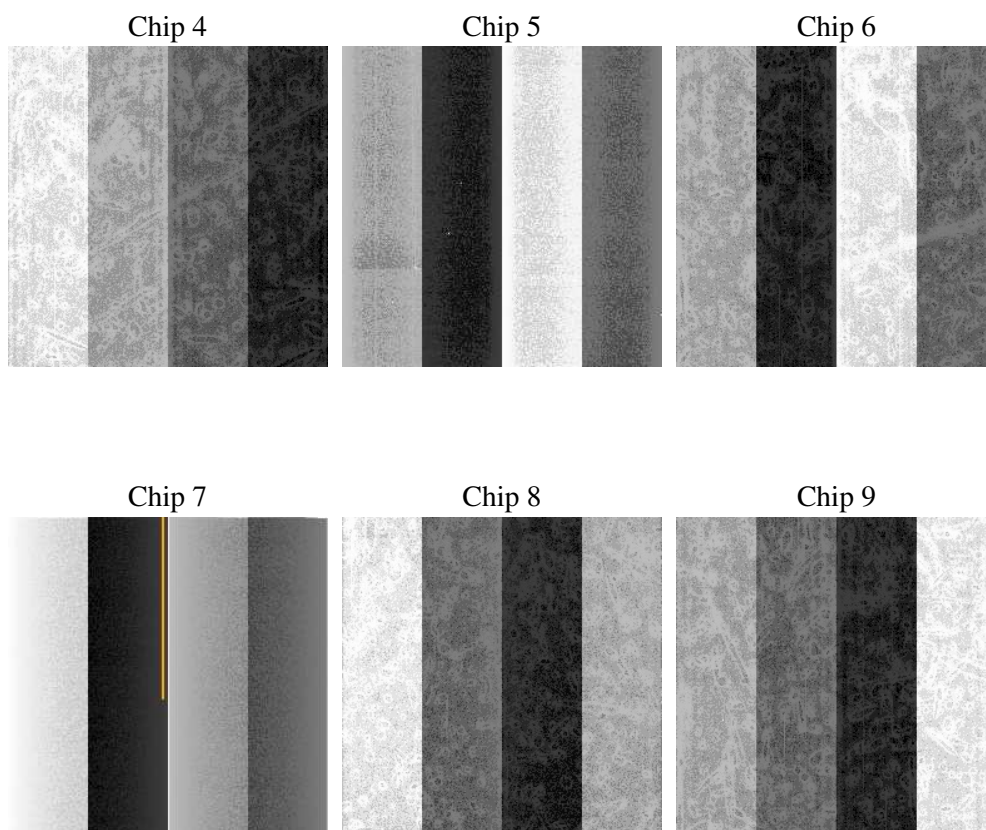
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-30T16:14:49
revision	2

sched_exp_time	0.0
ontime	8190.0156554282
ontime4	2965.5482046306
ontime5	8462.256788075
ontime6	3279.9274200499
ontime7	8190.0156554282
ontime8	3364.1948086023
ontime9	3137.3228960633
l1events	1557074

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	155031	415446	183364	442144	191415	169674
rejected events	22001	69754	23118	57655	24642	22544
rejected %	14%	16%	12%	13%	12%	13%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	79575	32593	85487	65288	92876	82483
	51%	7%	46%	14%	48%	48%
grade 1 events	517	97	356	158	392	367
	0%	0%	0%	0%	0%	0%
grade 2 events	19227	165381	30411	120233	28882	24453
	12%	39%	16%	27%	15%	14%
grade 3 events	8826	10687	9192	27353	10324	9290
	5%	2%	5%	6%	5%	5%
grade 4 events	8737	9867	9306	26613	10451	9035
	5%	2%	5%	6%	5%	5%
grade 5 events	1346	7068	1628	7235	1805	1562
	0%	1%	0%	1%	0%	0%
grade 6 events	16805	127295	26002	145151	24403	22063
	10%	30%	14%	32%	12%	13%
grade 7 events	19998	62458	20982	50113	22282	20421
	12%	15%	11%	11%	11%	12%

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	283.1314005110634	Alternating exposures requested	N	N
Pointing Dec	0	-37.51406495051824	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	297.7509199966595			
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	144867943.107	144867942.08218			
Observation start date	2002-08-04T17:05:43	2002-08-04T17:05:42			
Observation end time	144891747.708	144891746.68316			
Observation end date	2002-08-04T23:42:28	2002-08-04T23:42:26			
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)	2006.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.18707498

A.2 Comments

The ACIS focal plane temperature was above calibration limits for the entire observation.