

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 60738 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Aug 12 2006

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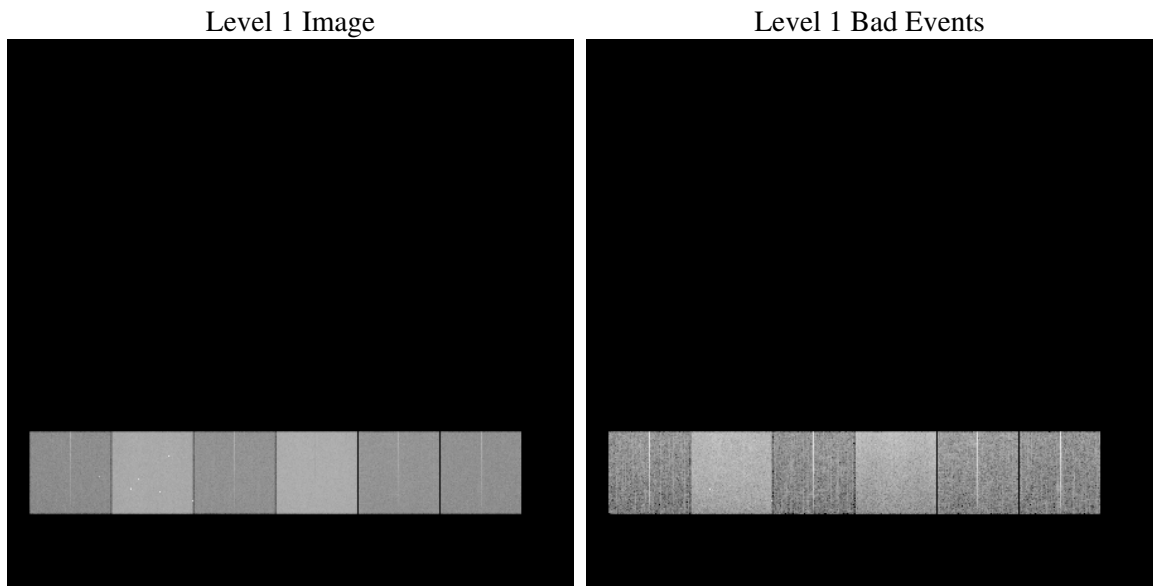
1 Front

seq_num	
obs_id	60738
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	276.01429726698
dec_nom	-72.971690446673
roll_nom	48.691288517164
revision	2
ontime	14991.956302375
livetime	14802.119124602
ontime4	6478.0149967372
ontime5	14991.997342378
ontime6	7109.9723629951
ontime7	14991.956302375
ontime8	7333.6838020086
ontime9	6941.3164074123
l2events	2191394

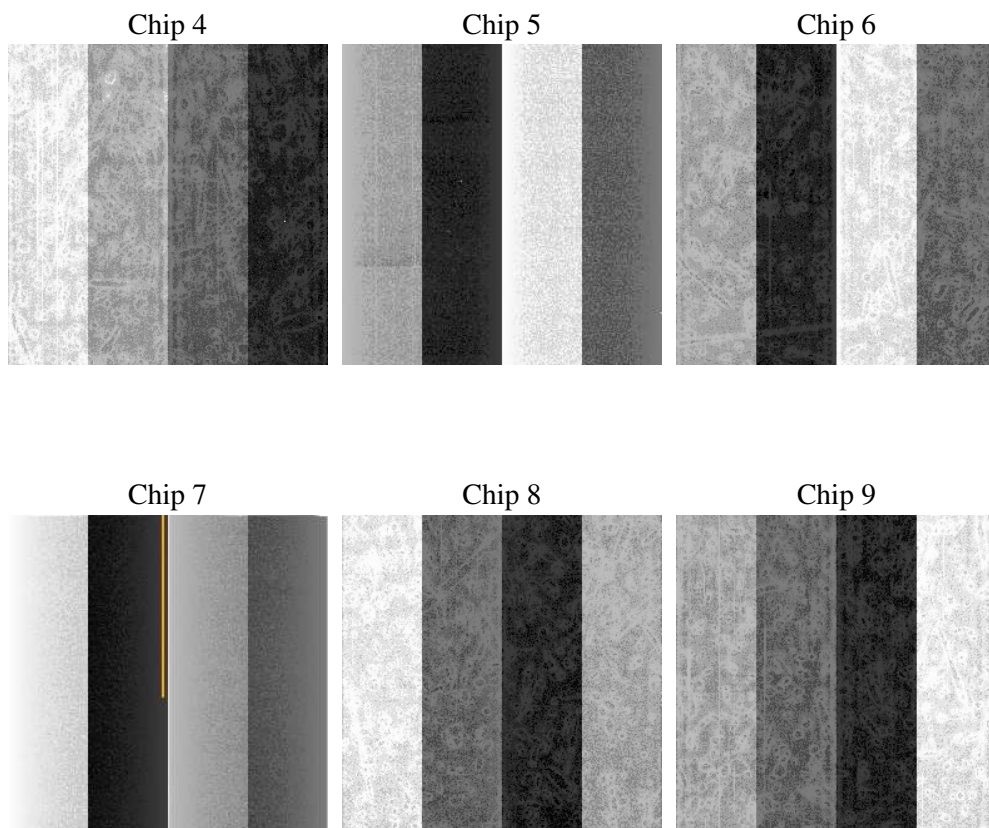
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-12T11:27:47
revision	2

sched_exp_time	0.0
ontime	14992.89007479
ontime4	6478.8256491423
ontime5	14992.89007479
ontime6	7110.8240554035
ontime7	14992.89007479
ontime8	7334.4534144402
ontime9	6942.2912198305
l1events	2708354

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	300980	654934	346206	713649	365198	327387
rejected events	48681	111131	48974	99346	54545	48075
rejected %	16%	16%	14%	13%	14%	14%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	146309	70479	161412	114899	170470	153614
	48%	10%	46%	16%	46%	46%
grade 1 events	1069	316	811	312	845	923
	0%	0%	0%	0%	0%	0%
grade 2 events	40149	254216	51014	183203	54015	47842
	13%	38%	14%	25%	14%	14%
grade 3 events	16937	19382	18704	46583	19886	17922
	5%	2%	5%	6%	5%	5%
grade 4 events	16717	18801	18318	46063	19951	17944
	5%	2%	5%	6%	5%	5%
grade 5 events	3103	12218	3390	13038	4099	3594
	1%	1%	0%	1%	1%	1%
grade 6 events	32187	180925	47784	223555	46331	41990
	10%	27%	13%	31%	12%	12%
grade 7 events	44509	98597	44773	85996	49601	43558
	14%	15%	12%	12%	13%	13%

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	276.0142972669847	Alternating exposures requested	N	N
Pointing Dec	0	-72.9716904466726	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	48.69128851716422			
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	169496685.135678	169496684.11097			
Observation start date	2003-05-16T18:24:45	2003-05-16T18:24:44			
Observation end time	169517166.686545	169517165.66183			
Observation end date	2003-05-17T00:06:07	2003-05-17T00:06:05			
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)	2006.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.9919563

A.2 Comments