

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60413 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 8 2006

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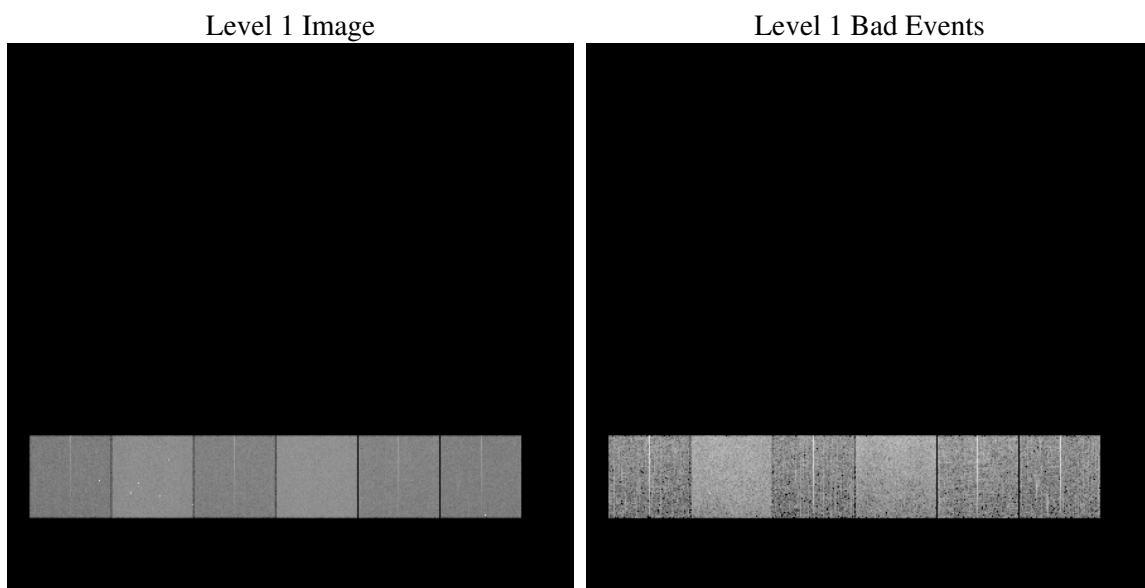
1 Front

seq_num	
obs_id	60413
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	105.02430398325
dec_nom	18.983036406081
roll_nom	290.67388559542
revision	2
ontime	7801.5999709368
livetime	7702.8114145452
ontime4	4732.3906257153
ontime5	7801.5999709368
ontime6	5095.8315525949
ontime7	7801.5999709368
ontime8	5215.2978093922
ontime9	4933.6592507362
l2events	1125813

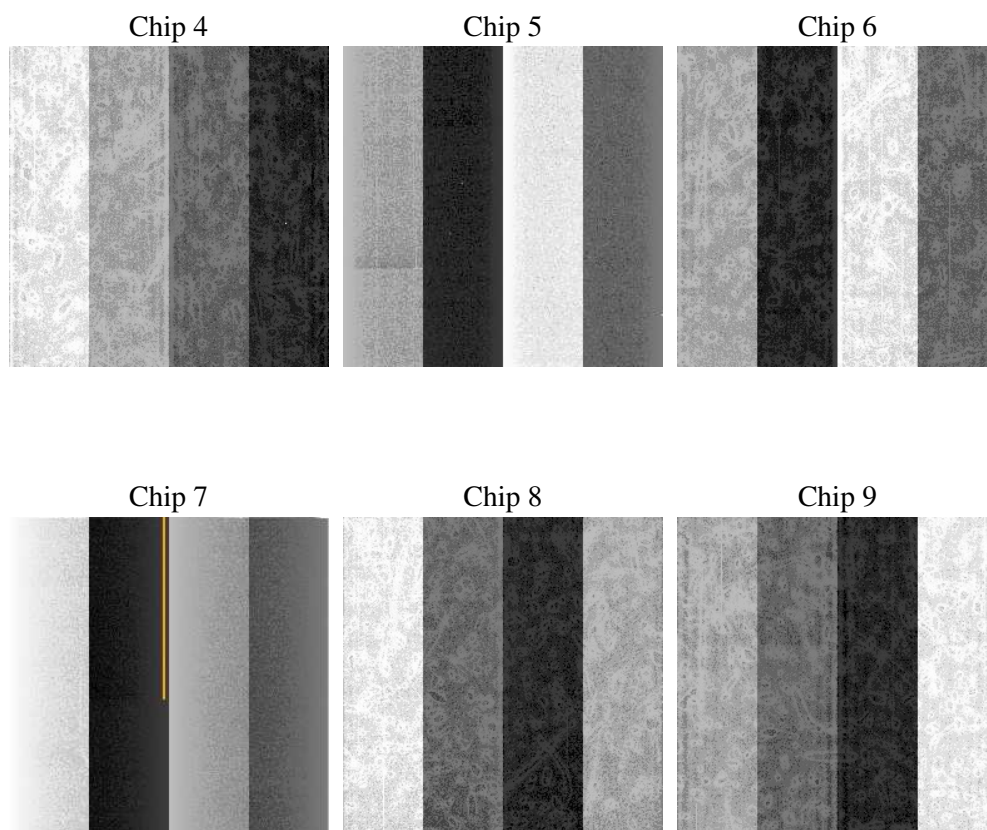
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-08T15:06:01
revision	2

sched_exp_time	0.0
ontime	7804.3454599082
ontime4	4735.1361146867
ontime5	7804.3454599082
ontime6	5098.1271469295
ontime7	7804.3454599082
ontime8	5218.0432983637
ontime9	4936.0779650807
l1events	1416769

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	184039	291891	209380	314608	219694	197157
rejected events	30109	52983	30906	47438	34863	30378
rejected %	16%	18%	14%	15%	15%	15%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	89507	29560	97940	48213	101577	92945
	48%	10%	46%	15%	46%	47%
grade 1 events	536	96	455	116	505	443
	0%	0%	0%	0%	0%	0%
grade 2 events	24268	112500	30775	80027	32331	28276
	13%	38%	14%	25%	14%	14%
grade 3 events	10296	7873	11218	20125	12121	10626
	5%	2%	5%	6%	5%	5%
grade 4 events	10307	7913	10958	19787	11785	10466
	5%	2%	5%	6%	5%	5%
grade 5 events	1926	5759	2234	6025	2553	2231
	1%	1%	1%	1%	1%	1%
grade 6 events	19652	81172	27700	99113	27111	24592
	10%	27%	13%	31%	12%	12%
grade 7 events	27547	47018	28100	41202	31711	27578
	14%	16%	13%	13%	14%	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	105.0243039832531	Alternating exposures requested	N	N
Pointing Dec	0	18.98303640608106	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	290.6738855954241			
SIM focus pos (mm)	-0.684267	-1.428180813131781			
SIM defocus (mm)	0	0.1051558262725154			
SIM translation stage pos (mm)	-190.132523	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	190298435.778504	190298434.75381			
Observation start date	2004-01-12T12:40:36	2004-01-12T12:40:34			
Observation end time	190316682.829299	190316681.8046			
Observation end date	2004-01-12T17:44:43	2004-01-12T17:44:41			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80159997

A.2 Comments