

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 60993 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Oct 7 2006

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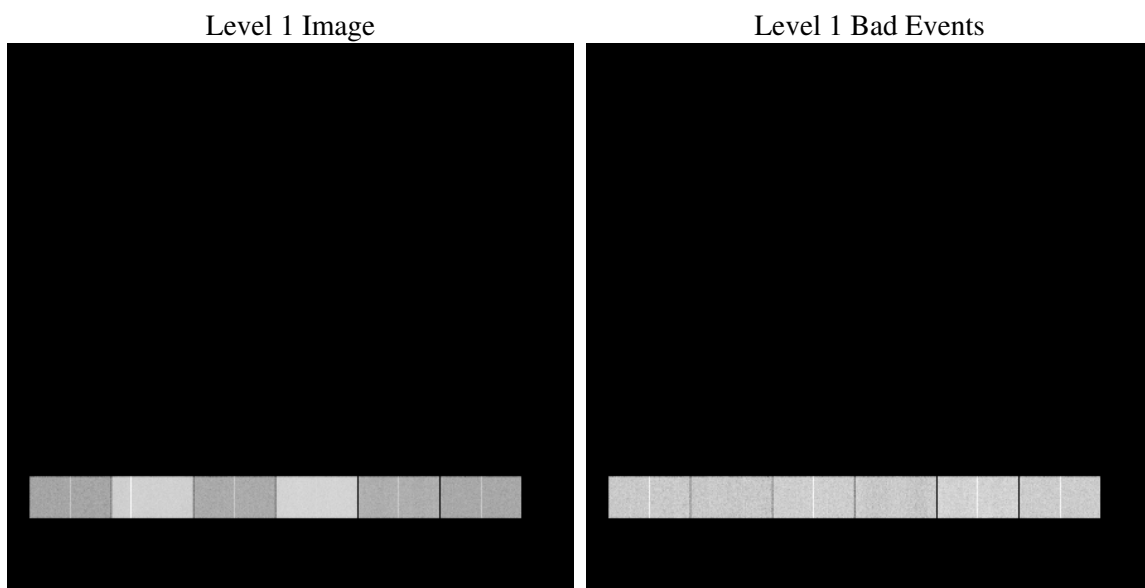
1 Front

seq_num	
obs_id	60993
title	ACIS-456789 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
ra_targ	0.0
dec_targ	0.0
ra_nom	116.08528442291
dec_nom	37.226083362283
roll_nom	81.292977456583
revision	2
ontime	8859.3322292268
livetime	8824.7254627064
ontime4	2860.6658474505
ontime5	8860.25
ontime6	3152.505143255
ontime7	8859.3322292268
ontime8	3215.2498564422
ontime9	3037.2285210788
l2events	891163

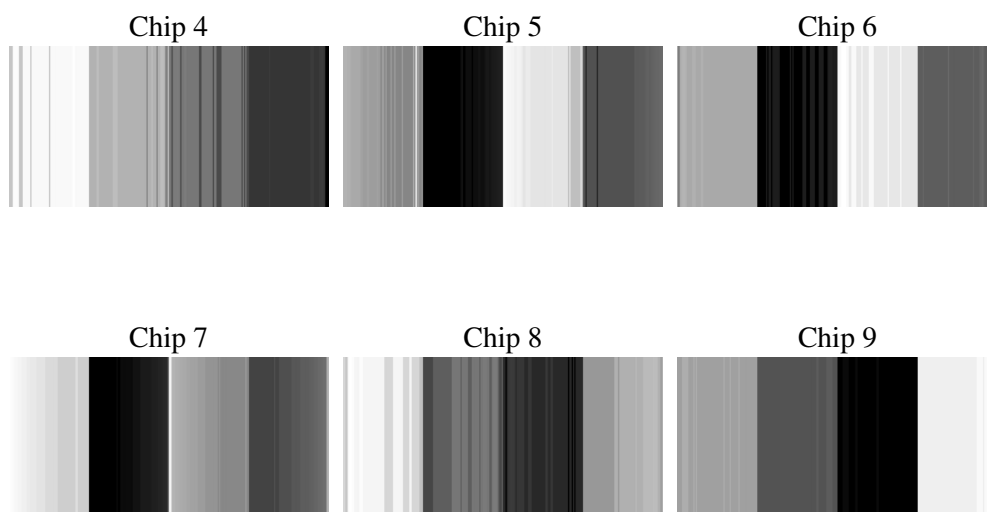
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-07T15:04:47
revision	2

sched_exp_time	0.0
ontime	8860.1538474858
ontime4	2861.4874657989
ontime5	8861.6130175591
ontime6	3153.3267021477
ontime7	8860.1538474858
ontime8	3216.0714747012
ontime9	3038.0501593351
l1events	1562816

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	140611	451243	161391	479386	178863	151322
rejected events	95463	88987	107939	91595	120286	102102
rejected %	67%	19%	66%	19%	67%	67%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	12719	31370	10940	53805	17575	12528
	9%	6%	6%	11%	9%	8%
grade 1 events	86	87	57	161	89	68
	0%	0%	0%	0%	0%	0%
grade 2 events	73167	189086	86774	139621	86247	78961
	52%	41%	53%	29%	48%	52%
grade 3 events	1837	5477	1527	22320	2560	1731
	1%	1%	0%	4%	1%	1%
grade 4 events	1800	5433	1496	21635	2621	1677
	1%	1%	0%	4%	1%	1%
grade 5 events	1726	7143	1624	9009	1846	1525
	1%	1%	1%	1%	1%	1%
grade 6 events	22007	131102	29152	150601	29205	25971
	15%	29%	18%	31%	16%	17%
grade 7 events	27269	81545	29821	82234	38720	28861
	19%	18%	18%	17%	21%	19%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	116.085284422911	Alternating exposures requested	N	N
Pointing Dec	0	37.22608336228265	Primary exposure time	0.000000	0
Pointing Roll	0.0	81.29297745658297			
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	151238617.670097	151238616.64539			
Observation start date	2002-10-17T10:43:38	2002-10-17T10:43:36			
Observation end time	151259509.220963	151259508.19626			
Observation end date	2002-10-17T16:31:49	2002-10-17T16:31:48			
Read mode	CONTINUOUS	CONTINUOUS			

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)	2006.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.85933222

A.2 Comments