

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61654 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 29 2006

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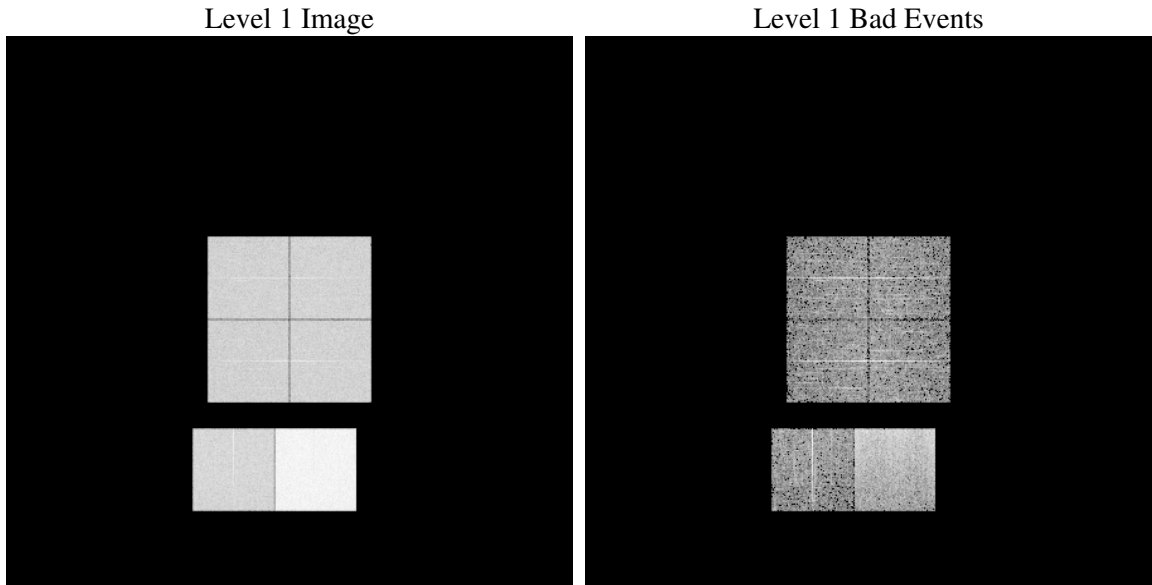
1 Front

seq_num	
obs_id	61654
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	319.9706913676
dec_nom	-39.982198434361
roll_nom	108.91157766751
revision	2
ontime	6258.6130405664
livetime	6179.3627137625
ontime0	2588.0356654674
ontime1	2644.9142649919
ontime2	2497.3686357141
ontime3	2583.3345548064
ontime6	2766.4157557786
ontime7	6258.6130405664
l2events	1229988

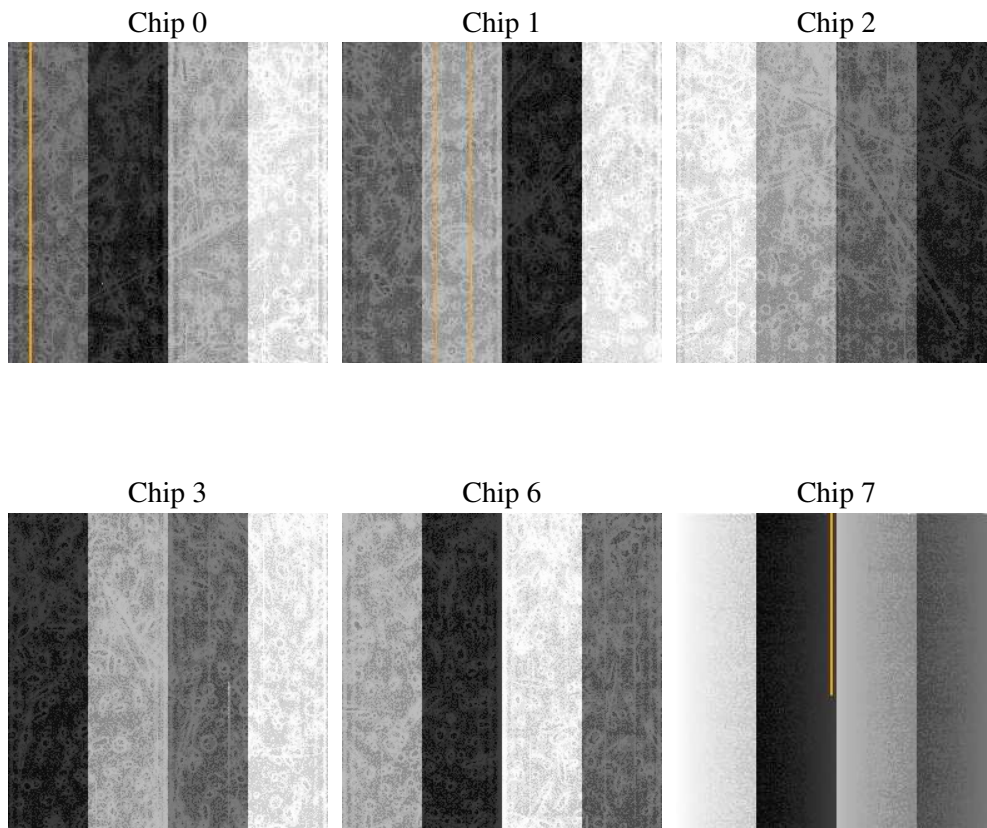
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-29T23:32:46
revision	2

sched_exp_time	0.0
ontime	6261.6256775409
ontime0	2589.5883016139
ontime1	2647.9269019663
ontime2	2498.8391918689
ontime3	2586.3471917808
ontime6	2767.8452719301
ontime7	6261.6256775409
l1events	1421025

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	187400	191822	184066	190636	212330	454771
rejected events	18368	18839	18733	19481	20335	42817
rejected %	9%	9%	10%	10%	9%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	93099	95625	91832	95993	105003	81121
	49%	49%	49%	50%	49%	17%
grade 1 events	462	486	465	507	503	162
	0%	0%	0%	0%	0%	0%
grade 2 events	29903	30441	29188	30185	33059	120654
	15%	15%	15%	15%	15%	26%
grade 3 events	10789	10913	10462	10752	11694	32734
	5%	5%	5%	5%	5%	7%
grade 4 events	10564	10938	10371	10843	11983	32125
	5%	5%	5%	5%	5%	7%
grade 5 events	1424	1419	1396	1374	1645	6390
	0%	0%	0%	0%	0%	1%
grade 6 events	24677	25066	23480	23592	30256	145320
	13%	13%	12%	12%	14%	31%
grade 7 events	16482	16934	16872	17390	18187	36265
	8%	8%	9%	9%	8%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	319.9706913675963	Alternating exposures requested	N	N
Pointing Dec	0	-39.98219843436107	Primary exposure time	3.2	3.2
Pointing Roll	0.0	108.9115776675118			
SIM focus pos (mm)	-0.782348	-0.6828225247311905			
SIM defocus (mm)	0	0.8505141146731063			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	105080356.35817	105080355.58969			
Observation start date	2001-05-01T04:59:16	2001-05-01T04:59:15			
Observation end time	105091856.858617	105091856.09013			
Observation end date	2001-05-01T08:10:57	2001-05-01T08:10:56			
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)	2006.11.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.25861304

A.2 Comments