

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61689 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Nov 15 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	8
2.5	FID Slots	8
A	Summary	9
A.1	Status	9
A.2	Comments	9

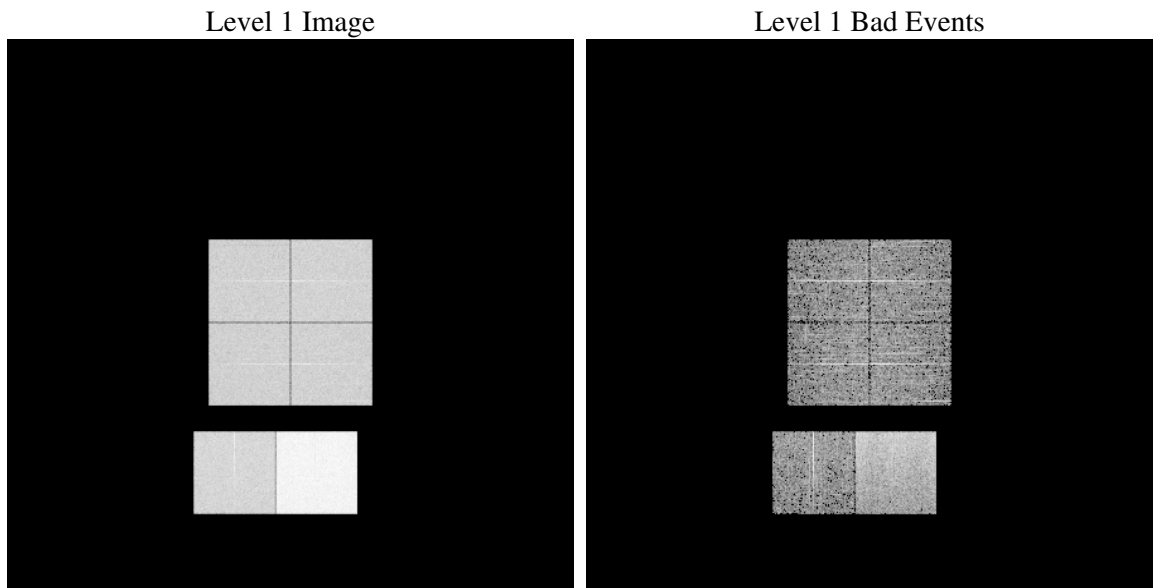
1 Front

seq_num	
obs_id	61689
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	254.97688315299
dec_nom	30.020574082103
roll_nom	101.57903573281
revision	2
ontime	6125.3408280015
livetime	6047.7780741999
ontime0	2443.6204374284
ontime1	2524.6871783137
ontime2	2356.1945971698
ontime3	2388.4407972097
ontime6	2670.6139921099
ontime7	6125.3408280015
l2events	1205421

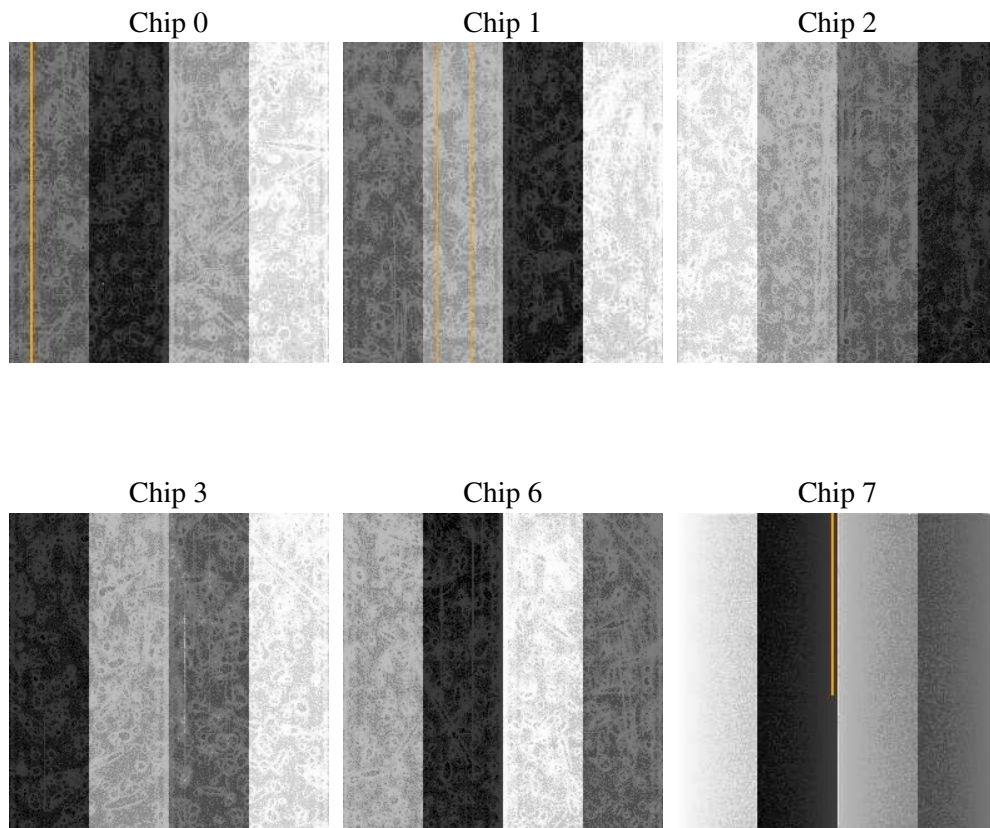
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-16T03:01:48
revision	2

sched_exp_time	0.0
ontime	6125.5030917972
ontime0	2443.7416612208
ontime1	2524.7673621178
ontime2	2356.2337409705
ontime3	2388.6441010088
ontime6	2670.6139921099
ontime7	6125.5030917972
l1events	1402959

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	182814	188556	179165	182888	210081	459455
rejected events	18997	19603	19795	20778	21235	45703
rejected %	10%	10%	11%	11%	10%	9%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	90680	92978	88697	90710	102987	79445
	49%	49%	49%	49%	49%	17%
grade 1 events	456	494	492	486	522	205
	0%	0%	0%	0%	0%	0%
grade 2 events	28700	29637	28147	28334	32981	121999
	15%	15%	15%	15%	15%	26%
grade 3 events	10322	10792	9977	10067	11623	32433
	5%	5%	5%	5%	5%	7%
grade 4 events	10442	10992	9980	10328	11685	32018
	5%	5%	5%	5%	5%	6%
grade 5 events	1395	1445	1299	1430	1653	6709
	0%	0%	0%	0%	0%	1%
grade 6 events	23673	24554	22569	22671	29570	147857
	12%	13%	12%	12%	14%	32%
grade 7 events	17146	17664	18004	18862	19060	38789
	9%	9%	10%	10%	9%	8%

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	254.9768831529875	Alternating exposures requested	N	N
Pointing Dec	0	30.02057408210342	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	101.5790357328071			
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	101881718.684	101881717.91571			
Observation start date	2001-03-25T04:28:39	2001-03-25T04:28:37			
Observation end time	101892880.935	101892880.16614			
Observation end date	2001-03-25T07:34:41	2001-03-25T07:34:40			
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)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.12534082

A.2 Comments