

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60192 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : May 23 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

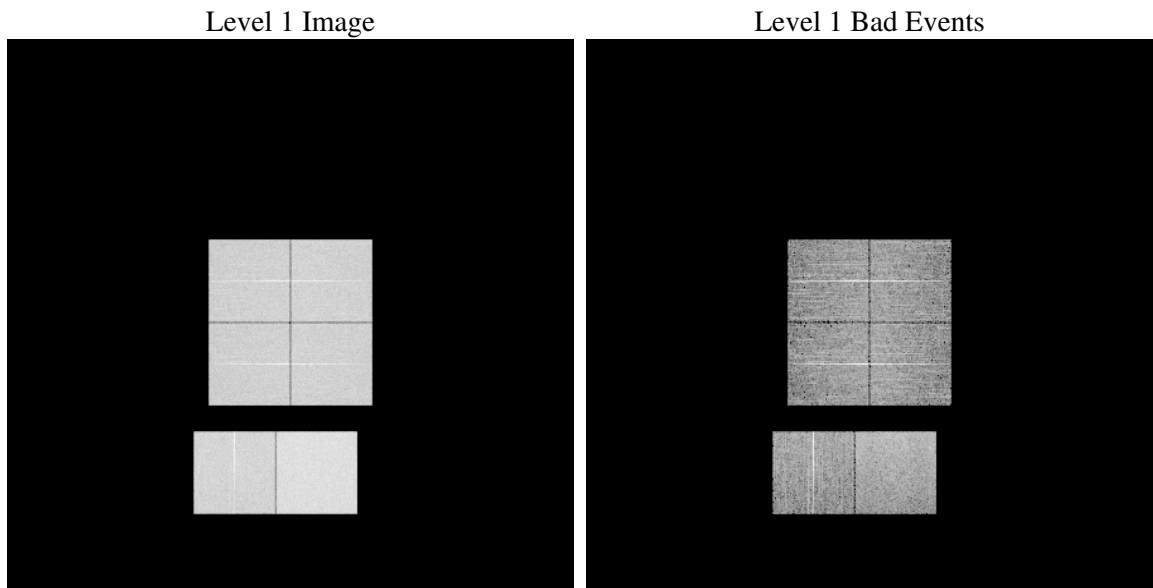
1 Front

seq_num	
obs_id	60192
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	265.96604624027
dec_nom	8.9886420178749
roll_nom	178.93216728236
revision	2
ontime	7801.193593204
livetime	7702.410182612
ontime0	5727.0154738724
ontime1	5937.7197802067
ontime2	5568.2904886901
ontime3	5697.7647210658
ontime6	6158.1875398755
ontime7	7801.193593204
l2events	1092588

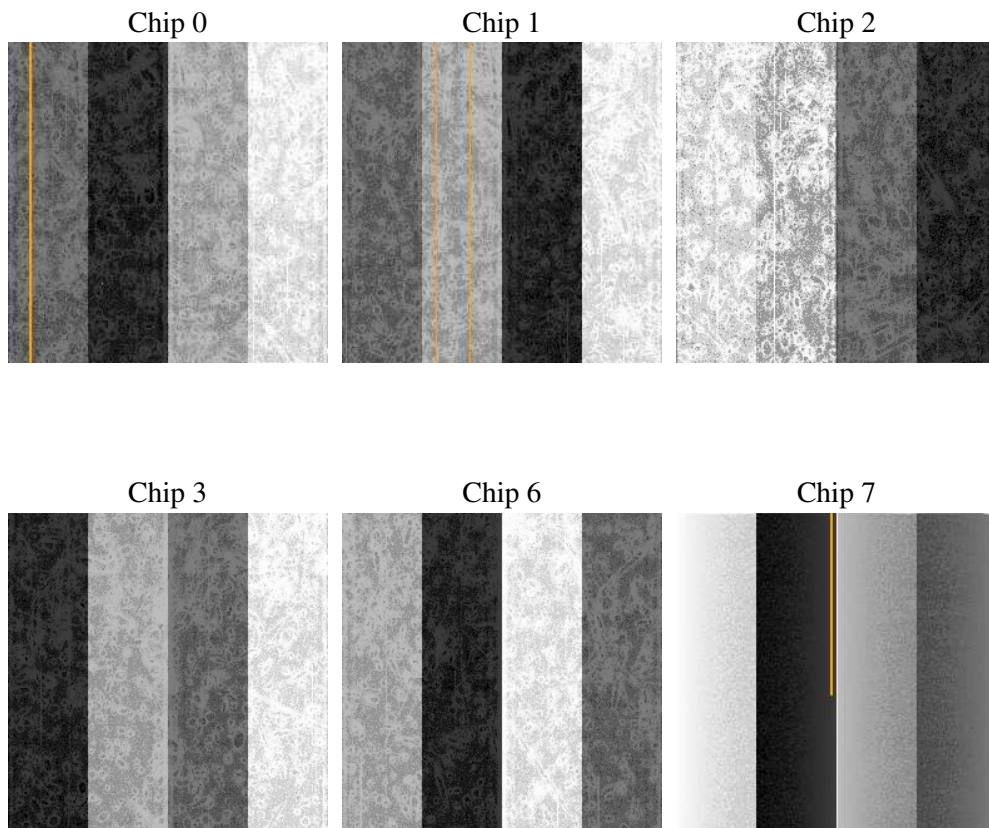
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-23T05:08:28
revision	2

sched_exp_time	0.0
ontime	7804.3321353793
ontime0	5730.1129760444
ontime1	5940.7762423754
ontime2	5571.3059108555
ontime3	5700.9443032444
ontime6	6161.1619220674
ontime7	7804.3321353793
l1events	1415884

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	214029	221998	211599	217768	242653	307837
rejected events	40664	41265	41714	42833	45939	57021
rejected %	18%	18%	19%	19%	18%	18%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	95249	98909	94735	97793	106257	44316
	44%	44%	44%	44%	43%	14%
grade 1 events	550	529	649	625	571	115
	0%	0%	0%	0%	0%	0%
grade 2 events	30456	32198	28917	30077	33972	75145
	14%	14%	13%	13%	14%	24%
grade 3 events	11235	11551	11089	11330	12416	18361
	5%	5%	5%	5%	5%	5%
grade 4 events	11074	11503	11417	11437	12540	18418
	5%	5%	5%	5%	5%	5%
grade 5 events	2610	2768	2439	2808	3122	6990
	1%	1%	1%	1%	1%	2%
grade 6 events	25456	26676	23818	24407	31631	94679
	11%	12%	11%	11%	13%	30%
grade 7 events	37399	37864	38535	39291	42144	49813
	17%	17%	18%	18%	17%	16%

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	265.9660462402707	Alternating exposures requested	N	N
Pointing Dec	0	8.988642017874877	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	178.9321672823614			
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	203782555.321315	203782554.29632			
Observation start date	2004-06-16T14:15:55	2004-06-16T14:15:54			
Observation end time	203797356.321971	203797355.29697			
Observation end date	2004-06-16T18:22:36	2004-06-16T18:22:35			
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)	2006.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80119359

A.2 Comments