

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 60492 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 30 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

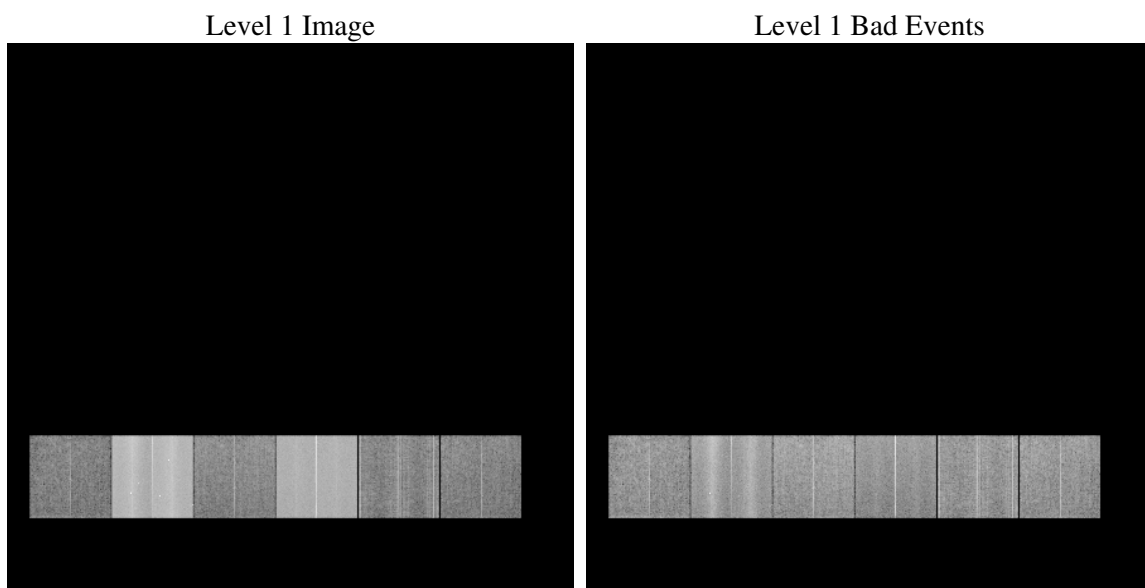
1 Front

seq_num	
obs_id	60492
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	273.46563302365
dec_nom	65.890022359937
roll_nom	306.63008050521
revision	2
ontime	3581.5051831901
livetime	3536.154008037
ontime4	557.74118897319
ontime5	3578.3052926064
ontime6	687.34174862504
ontime7	3581.5051831901
ontime8	703.62902855873
ontime9	651.56718870997
l2events	676139

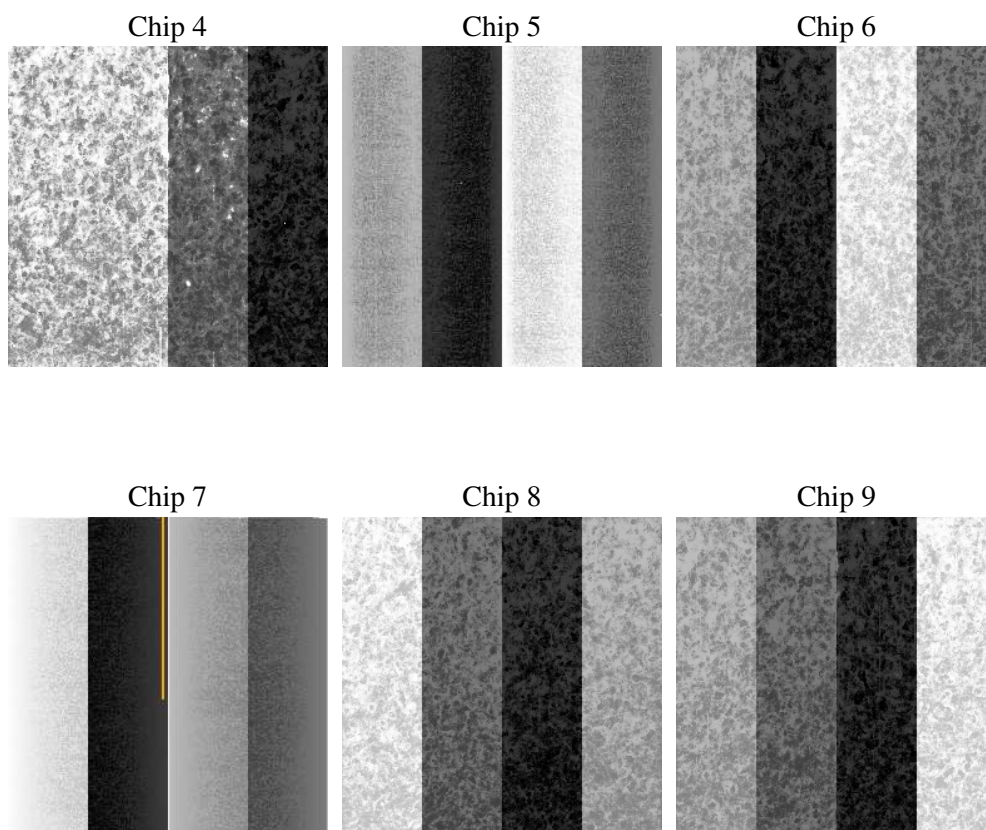
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T00:04:37
revision	2

sched_exp_time	0.0
ontime	3584.5870327353
ontime4	560.69991850853
ontime5	3581.3461021483
ontime6	690.34151816368
ontime7	3584.5870327353
ontime8	706.54671812057
ontime9	654.69007825851
l1events	1506858

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	117112	525146	150579	432100	155438	126483
rejected events	111137	166926	141174	119083	129468	118343
rejected %	94%	31%	93%	27%	83%	93%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	2770	34503	4555	37918	9243	3980
	2%	6%	3%	8%	5%	3%
grade 1 events	666	2785	589	1162	1108	546
	0%	0%	0%	0%	0%	0%
grade 2 events	1056	158448	1725	102536	5274	1394
	0%	30%	1%	23%	3%	1%
grade 3 events	582	20218	712	21026	3082	641
	0%	3%	0%	4%	1%	0%
grade 4 events	539	19625	787	20407	2914	652
	0%	3%	0%	4%	1%	0%
grade 5 events	760	20081	779	12663	2092	699
	0%	3%	0%	2%	1%	0%
grade 6 events	1036	125860	1638	131465	5487	1479
	0%	23%	1%	30%	3%	1%
grade 7 events	109703	143626	139794	104923	126238	117092
	93%	27%	92%	24%	81%	92%

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	273.4656330236501	Alternating exposures requested	N	N
Pointing Dec	0	65.89002235993718	Primary exposure time	0.000000	3.2
Pointing Roll	0.0	306.6300805052105			
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	184171032.662496	184171031.63782			
Observation start date	2003-11-02T14:37:13	2003-11-02T14:37:11			
Observation end time	184192342.413413	184192341.38875			
Observation end date	2003-11-02T20:32:22	2003-11-02T20:32:21			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.58150518

A.2 Comments