

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 60122 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Apr 28 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

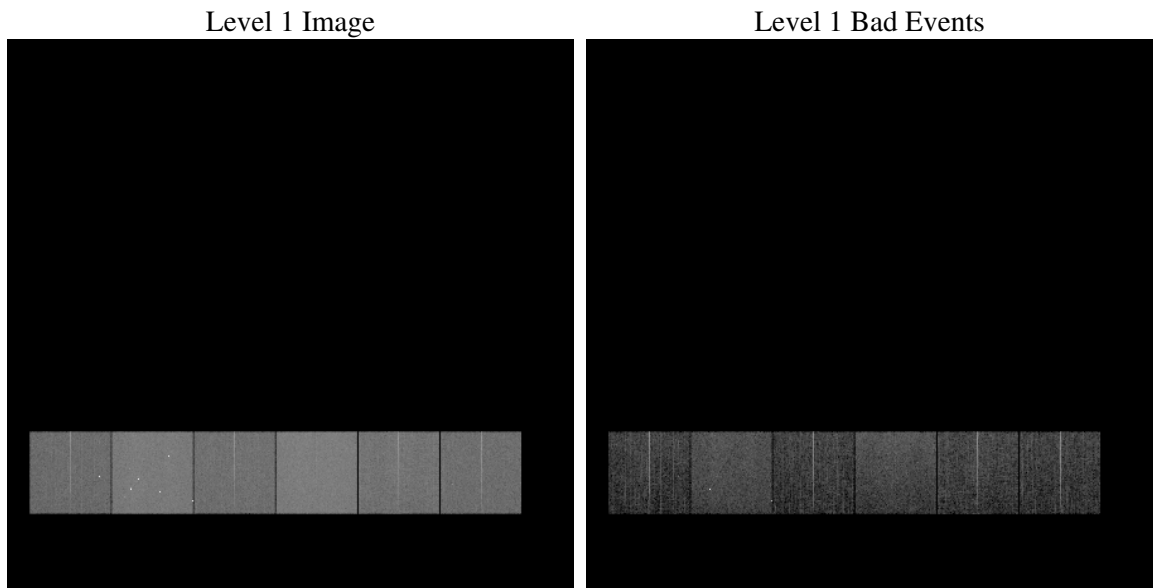
1 Front

seq_num	
obs_id	60122
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	282.01755741763
dec_nom	-22.023522056072
roll_nom	271.75351999569
revision	2
ontime	8278.3999691606
livetime	8173.573884097
ontime4	5446.5772089958
ontime5	8278.3999691606
ontime6	5880.0797531307
ontime7	8278.3999691606
ontime8	6101.2954620719
ontime9	5698.5850091279
l2events	1112893

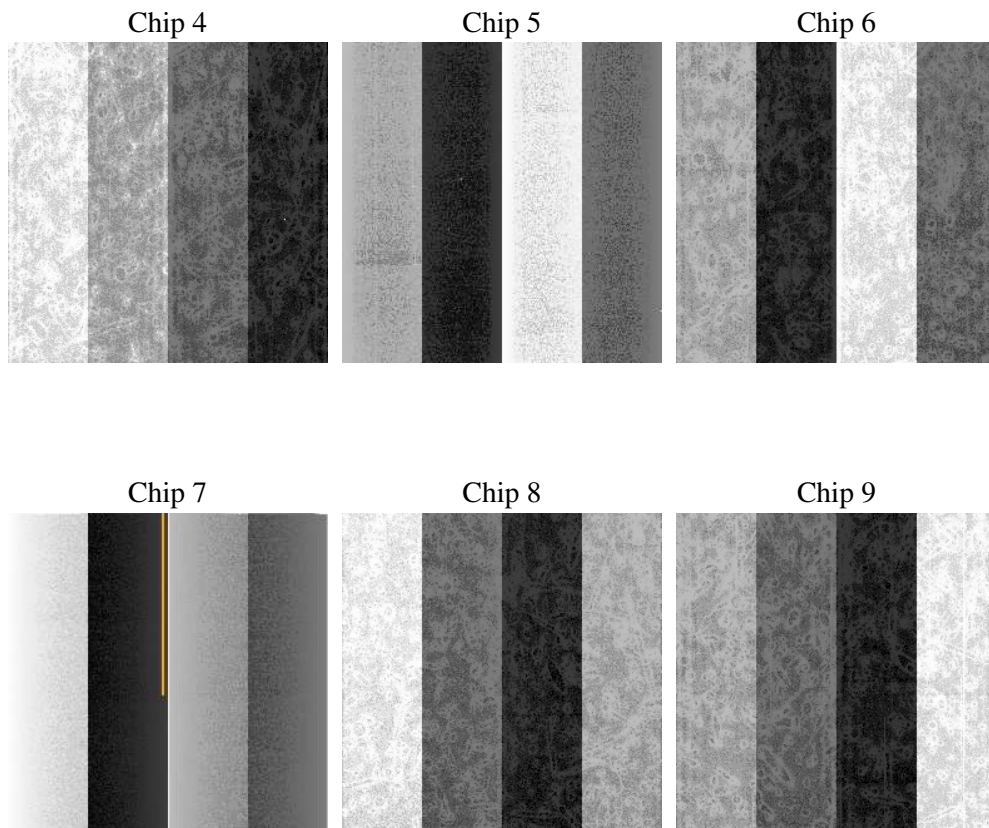
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T10:01:52
revision	2

sched_exp_time	0.0
ontime	8280.7663176656
ontime4	5448.1547983289
ontime5	8280.7663176656
ontime6	5882.4461016357
ontime7	8280.7663176656
ontime8	6102.8320114315
ontime9	5700.9513576329
l1events	1498594

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	199611	306017	224025	315840	241962	211139
rejected events	43770	67611	43951	61232	49793	44294
rejected %	21%	22%	19%	19%	20%	20%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	91022	30731	97746	42783	104620	92065
	45%	10%	43%	13%	43%	43%
grade 1 events	732	122	503	124	555	546
	0%	0%	0%	0%	0%	0%
grade 2 events	24132	108821	31100	78164	33805	28478
	12%	35%	13%	24%	13%	13%
grade 3 events	10414	7090	11185	18212	12586	10876
	5%	2%	4%	5%	5%	5%
grade 4 events	10425	6914	11264	17609	12341	10750
	5%	2%	5%	5%	5%	5%
grade 5 events	2548	7447	2863	7163	3517	3005
	1%	2%	1%	2%	1%	1%
grade 6 events	19848	84954	28779	97953	28817	24771
	9%	27%	12%	31%	11%	11%
grade 7 events	40490	59938	40585	53832	45721	40648
	20%	19%	18%	17%	18%	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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	282.0175574176253	Alternating exposures requested	N	N
Pointing Dec	0	-22.02352205607174	Primary exposure time	3.2	3.2
Pointing Roll	0.0	271.7535199956856			
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	206789144.90465	206789143.87963			
Observation start date	2004-07-21T09:25:45	2004-07-21T09:25:43			
Observation end time	206811416.105641	206811415.08062			
Observation end date	2004-07-21T15:36:56	2004-07-21T15:36:55			
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)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.27839996

A.2 Comments