

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59765 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 25 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

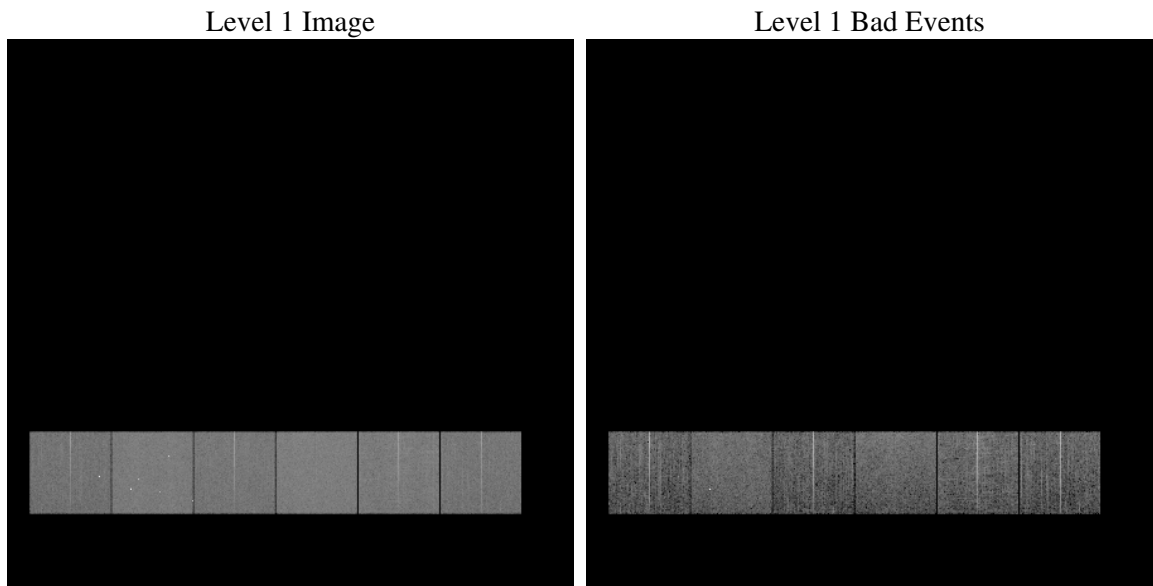
1 Front

seq_num	
obs_id	59765
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	158.02075511371
dec_nom	2.4803224937695
roll_nom	283.5604017096
revision	2
ontime	7800.1887430847
livetime	7701.4180565099
ontime4	6127.9714855254
ontime5	7800.229783088
ontime6	6630.2811083496
ontime7	7800.1887430847
ontime8	7006.3156117201
ontime9	6539.4112482071
l2events	1020188

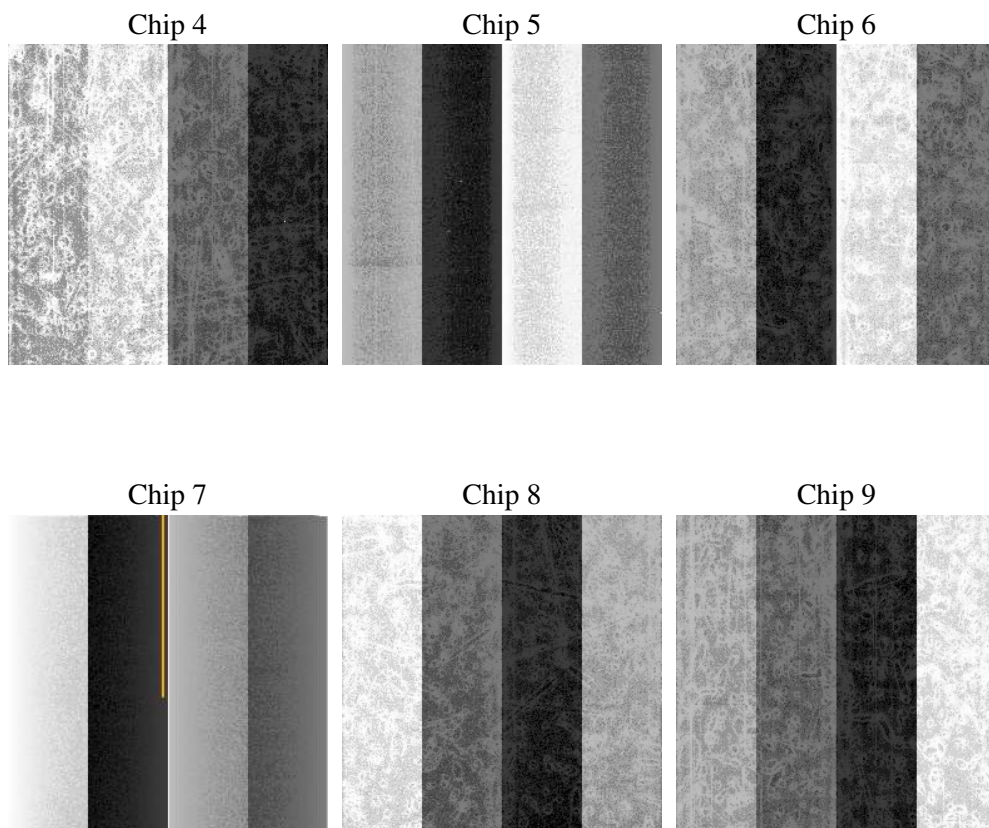
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-25T18:52:06
revision	2

sched_exp_time	0.0
ontime	7801.093113333
ontime4	6128.7527357638
ontime5	7801.093113333
ontime6	6631.1033985913
ontime7	7801.093113333
ontime8	7007.055821985
ontime9	6540.3566584587
l1events	1407434

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	201487	253618	223276	267343	247327	214383
rejected events	49899	60081	48674	55488	56700	49345
rejected %	24%	23%	21%	20%	22%	23%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	88095	21153	94511	36601	103235	90645
	43%	8%	42%	13%	41%	42%
grade 1 events	713	91	486	87	520	577
	0%	0%	0%	0%	0%	0%
grade 2 events	23919	90434	30270	63737	33729	28133
	11%	35%	13%	23%	13%	13%
grade 3 events	10125	5947	10943	15441	12468	10631
	5%	2%	4%	5%	5%	4%
grade 4 events	10004	5665	10841	15166	12254	10514
	4%	2%	4%	5%	4%	4%
grade 5 events	2725	6143	3119	6482	4046	3277
	1%	2%	1%	2%	1%	1%
grade 6 events	19445	70338	28037	80910	28941	25115
	9%	27%	12%	30%	11%	11%
grade 7 events	46461	53847	45069	48919	52134	45491
	23%	21%	20%	18%	21%	21%

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	158.0207551137142	Alternating exposures requested	N	N
Pointing Dec	0	2.480322493769547	Primary exposure time	3.2	3.2
Pointing Roll	0.0	283.5604017095974			
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	226628438.994776	226628437.96977			
Observation start date	2005-03-08T00:20:39	2005-03-08T00:20:37			
Observation end time	226644828.745519	226644827.72051			
Observation end date	2005-03-08T04:53:49	2005-03-08T04:53:47			
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)	2006.02.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.80018874

A.2 Comments