

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 59795 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: Feb 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

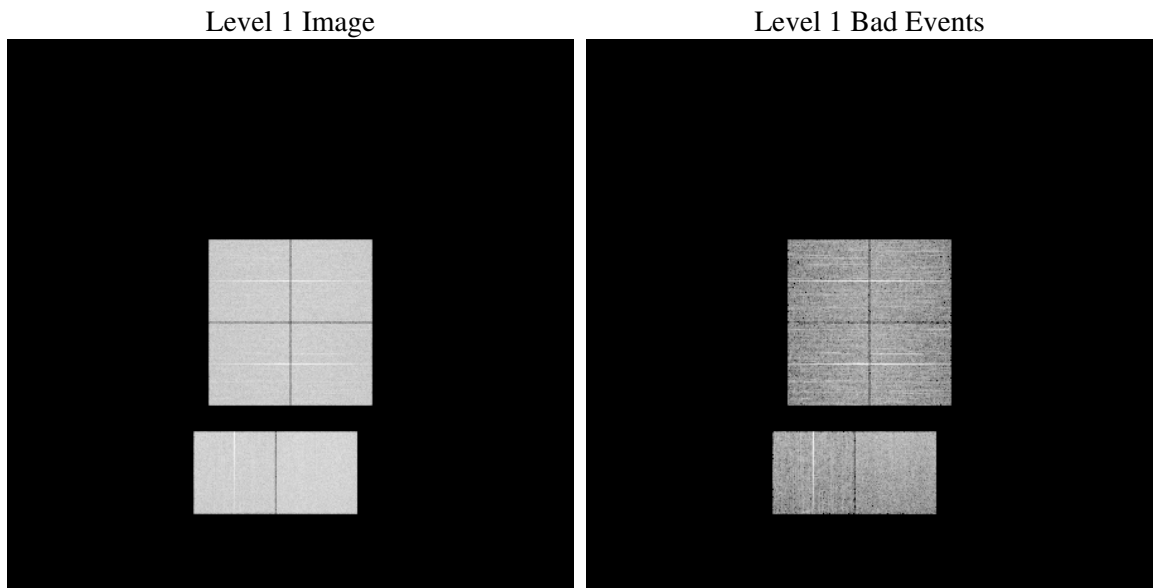
1 Front

seq_num	
obs_id	59795
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	145.02839944437
dec_nom	2.9990283958752
roll_nom	324.28588124615
revision	2
ontime	8265.5999692082
livetime	8160.9359654513
ontime0	7344.2406784594
ontime1	7507.2120394111
ontime2	7140.9814974666
ontime3	7196.0781829655
ontime6	7760.0081527233
ontime7	8265.5999692082
l2events	1113803

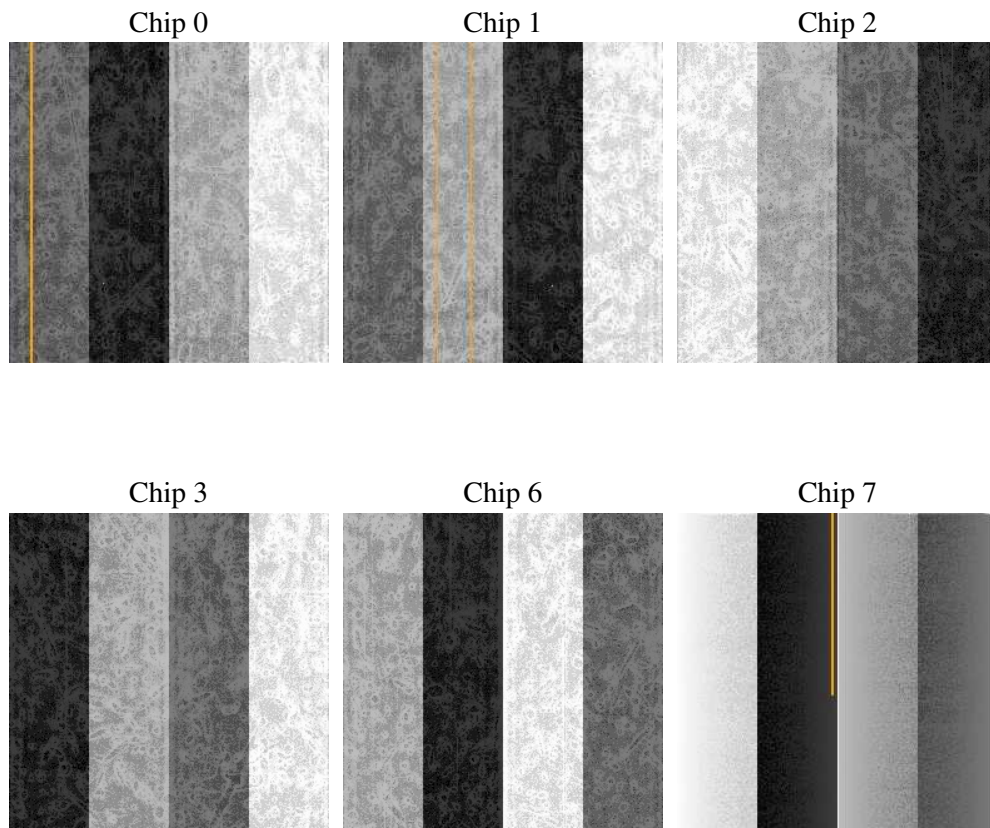
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-24T02:13:58
revision	2

sched_exp_time	0.0
ontime	8290.4944649935
ontime0	7366.8164617121
ontime1	7525.6245348155
ontime2	7162.6350129843
ontime3	7217.7317183614
ontime6	7781.661668241
ontime7	8290.4944649935
l1events	1493520

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	235930	241806	233984	237982	260615	283203
rejected events	50581	51174	51329	53835	55049	60608
rejected %	21%	21%	21%	22%	21%	21%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	102516	104675	102543	103805	111868	36470
	43%	43%	43%	43%	42%	12%
grade 1 events	570	503	633	633	584	103
	0%	0%	0%	0%	0%	0%
grade 2 events	32273	34143	30805	31323	35839	68373
	13%	14%	13%	13%	13%	24%
grade 3 events	12004	12088	12283	11984	12849	15552
	5%	4%	5%	5%	4%	5%
grade 4 events	11979	12026	12006	12177	12894	15315
	5%	4%	5%	5%	4%	5%
grade 5 events	3138	3246	2975	3380	3505	7053
	1%	1%	1%	1%	1%	2%
grade 6 events	27176	28158	25621	25444	32752	87557
	11%	11%	10%	10%	12%	30%
grade 7 events	46274	46967	47118	49236	50324	52780
	19%	19%	20%	20%	19%	18%

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	145.0283994443736	Alternating exposures requested	N	N
Pointing Dec	0	2.999028395875177	Primary exposure time	3.2	3.2
Pointing Roll	0.0	324.2858812461494			
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	225065069.973971	225065068.94897			
Observation start date	2005-02-17T22:04:30	2005-02-17T22:04:28			
Observation end time	225087505.174986	225087504.14999			
Observation end date	2005-02-18T04:18:25	2005-02-18T04:18:24			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.26559996

A.2 Comments