

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55669 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 3 2012

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	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

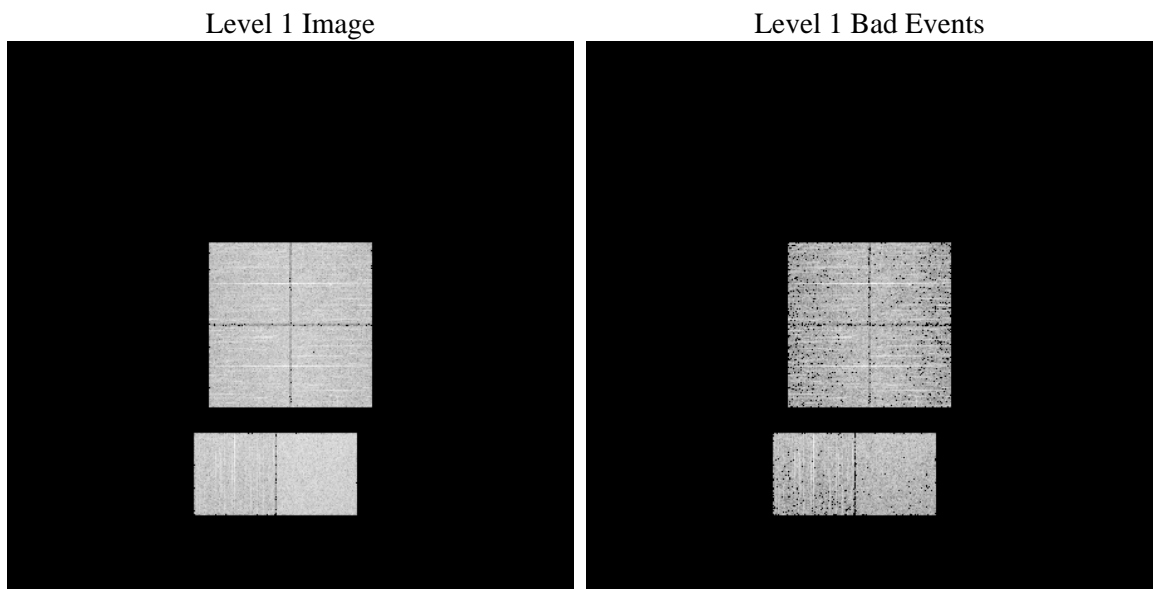
1 Front

seq_num	 	Sequence number
obs_id	55669	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	351.98987976364	Nominal RA [deg]
dec_nom	-56.02806021293	Nominal Dec [deg]
roll_nom	225.61642941151	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3283.1999878287	Sum of GTIs [s]
livetime	3241.6261326772	Livetime [s]
ontime0	3283.1999878287	Sum of GTIs [s]
ontime1	3283.1999878287	Sum of GTIs [s]
ontime2	3283.1999878287	Sum of GTIs [s]
ontime3	3283.1999878287	Sum of GTIs [s]
ontime6	3283.1999878287	Sum of GTIs [s]
ontime7	3283.1999878287	Sum of GTIs [s]
l2events	133721	Number of level 2 events

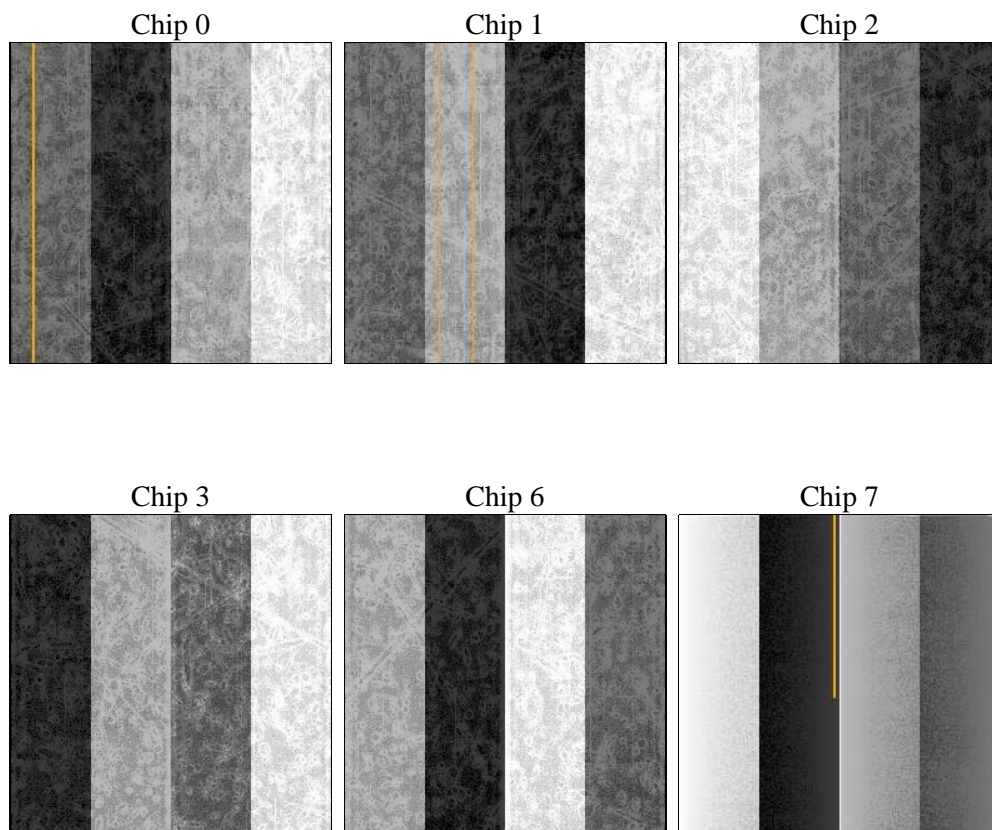
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	3283.1999878287	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3283.1999878287	Sum of GTIs [s]
date	2012-02-03T16:55:32	Date and time of file creation	ontime1	3283.1999878287	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3283.1999878287	Sum of GTIs [s]
			ontime3	3283.1999878287	Sum of GTIs [s]
			ontime6	3283.1999878287	Sum of GTIs [s]
			ontime7	3283.1999878287	Sum of GTIs [s]
			l1events	285299	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	43528	44997	44494	45872	46938	59470	grade 0 events	11110	11173	11480	11498	11314	5787
rejected events	22407	23469	23217	24458	24992	25279		25%	24%	25%	25%	24%	9%
rejected %	51%	52%	52%	53%	53%	42%	grade 1 events	73	63	68	83	62	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	3935	4128	3682	3793	4048	7416
								9%	9%	8%	8%	8%	12%
							grade 3 events	1428	1467	1497	1452	1453	2970
								3%	3%	3%	3%	3%	4%
							grade 4 events	1397	1437	1472	1456	1464	3064
								3%	3%	3%	3%	3%	5%
							grade 5 events	1471	1488	1414	1526	1600	3925
								3%	3%	3%	3%	3%	6%
							grade 6 events	3272	3347	3171	3236	3685	14985
								7%	7%	7%	7%	7%	25%
							grade 7 events	20842	21894	21710	22828	23312	21272
								47%	48%	48%	49%	49%	35%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	351.9898797636367
[deg] Pointing Dec	0	-56.02806021292972
[deg] Pointing Roll	0.0	225.6164294115058
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	413327824.6704	413327823.64538
Observation start date	2011-02-05T21:17:05	2011-02-05T21:17:03
[s] Observation end time (MET)	413333005.020668	413333003.99565
Observation end date	2011-02-05T22:43:25	2011-02-05T22:43:23
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2831999878287

A.2 Comments