

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61189 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 8 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

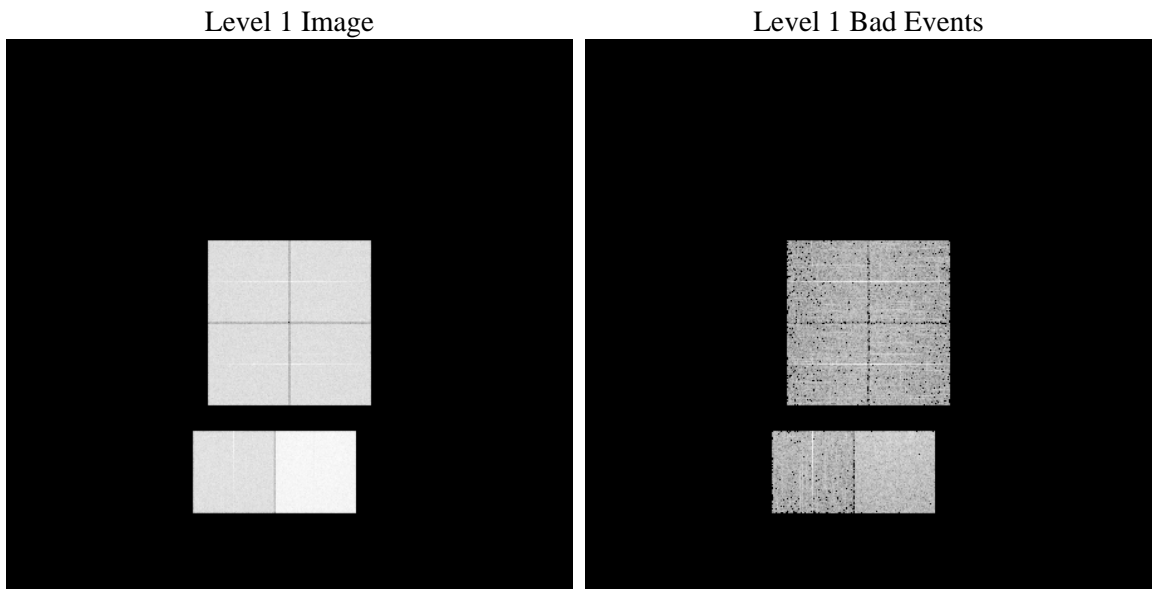
1 Front

seq_num	 	Sequence number
obs_id	61189	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	271.97821316753	Nominal RA [deg]
dec_nom	-13.98070625339	Nominal Dec [deg]
roll_nom	104.79455410564	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7795.1782524884	Sum of GTIs [s]
livetime	7696.4710117625	Livetime [s]
ontime0	3406.3257862926	Sum of GTIs [s]
ontime1	3426.2616819143	Sum of GTIs [s]
ontime2	3312.3359453082	Sum of GTIs [s]
ontime3	3348.5811782181	Sum of GTIs [s]
ontime6	3555.4120618105	Sum of GTIs [s]
ontime7	7795.1782524884	Sum of GTIs [s]
l2events	1229024	Number of level 2 events

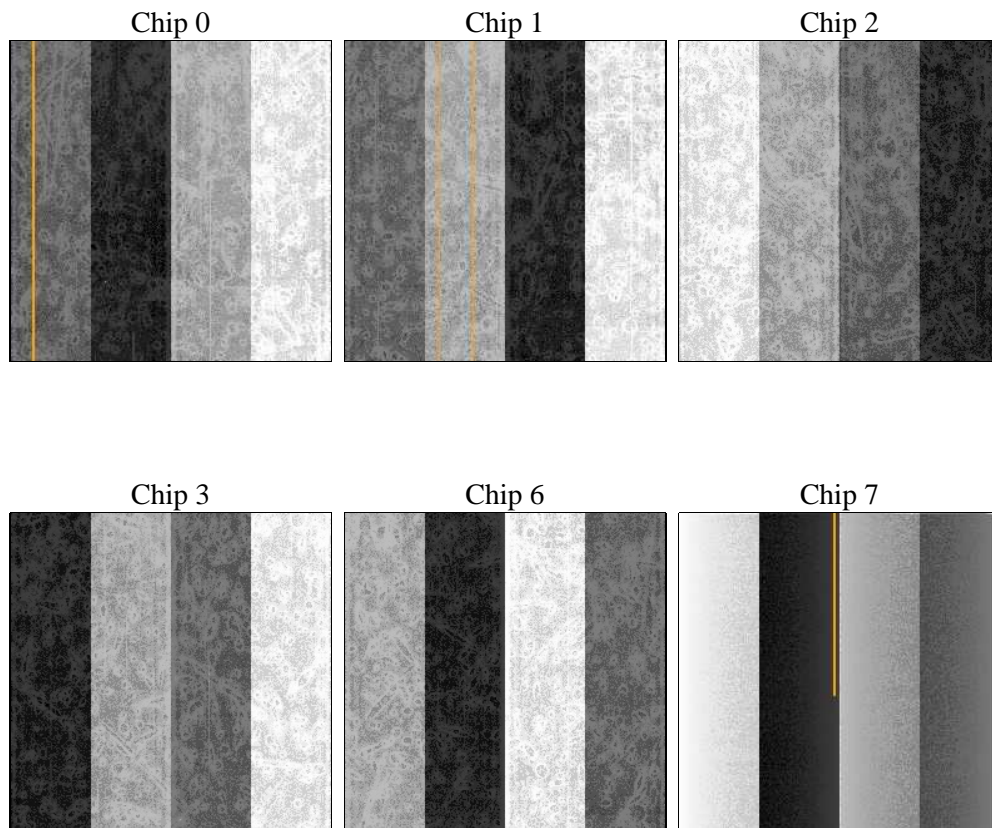
2 OBI

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	8.4.5	Processing system revision	ontime	7795.1782524884	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3406.3257862926	Sum of GTIs [s]
date	2012-10-08T08:18:37	Date and time of file creation	ontime1	3426.2616819143	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3312.3359453082	Sum of GTIs [s]
			ontime3	3348.5811782181	Sum of GTIs [s]
			ontime6	3555.4120618105	Sum of GTIs [s]
			ontime7	7795.1782524884	Sum of GTIs [s]
			l1events	1439563	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	193731	196415	192485	195359	213190	448383	grade 0 events	94252	95385	94115	95908	102595	104073
rejected events	21998	23478	23418	23911	25069	39671		48%	48%	48%	49%	48%	23%
rejected %	11%	11%	12%	12%	11%	8%	grade 1 events	477	481	446	513	466	311
								0%	0%	0%	0%	0%	0%
							grade 2 events	30387	30364	29841	30037	32842	91043
								15%	15%	15%	15%	15%	20%
							grade 3 events	11063	10986	10771	11048	11658	41345
								5%	5%	5%	5%	5%	9%
							grade 4 events	10916	11072	10530	10966	11465	41244
								5%	5%	5%	5%	5%	9%
							grade 5 events	1614	1618	1560	1609	1887	8124
								0%	0%	0%	0%	0%	1%
							grade 6 events	25115	25292	23810	23642	29561	131203
								12%	12%	12%	12%	13%	29%
							grade 7 events	19907	21217	21412	21636	22716	31040
								10%	10%	11%	11%	10%	6%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
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
[deg] Pointing RA	0	271.9782131675251	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-13.98070625338953	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	104.7945541056415			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	138215434.534	138215433.50959			
Observation start date	2002-05-19T17:10:35	2002-05-19T17:10:33			
[s] Observation end time (MET)	138244948.385	138244947.36079			
Observation end date	2002-05-20T01:22:28	2002-05-20T01:22:27			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7951782524884

A.2 Comments