

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61893 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 5 2012

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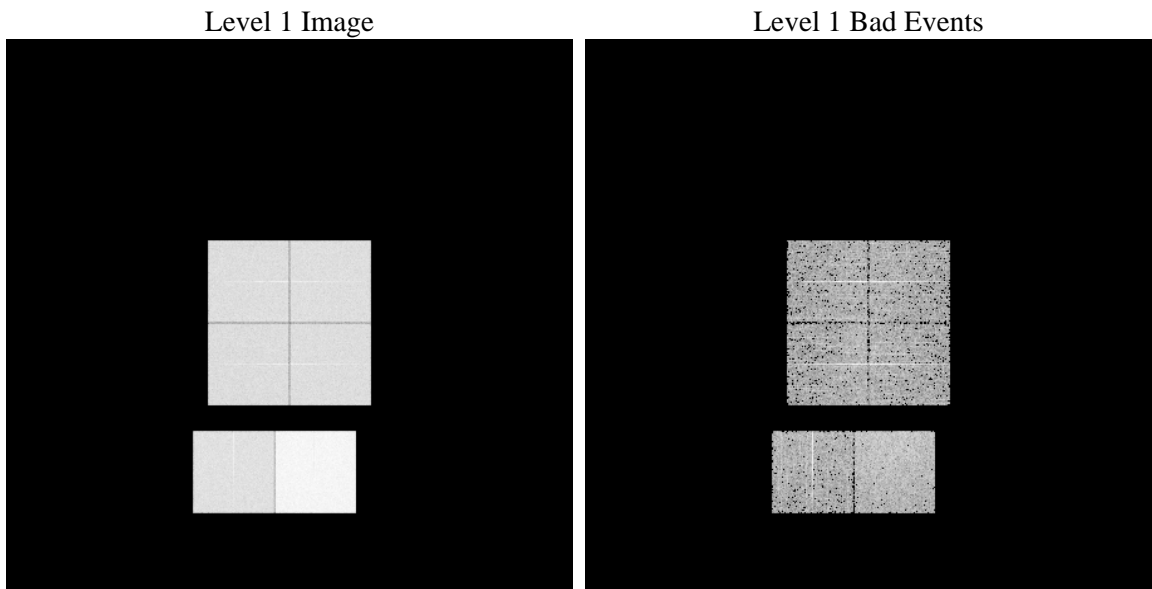
1 Front

seq_num	 	Sequence number
obs_id	61893	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	154.09047140637	Nominal RA [deg]
dec_nom	46.649752430155	Nominal Dec [deg]
roll_nom	42.886639214984	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5362.3118877262	Sum of GTIs [s]
livetime	5294.4110658072	Livetime [s]
ontime0	2299.6113535017	Sum of GTIs [s]
ontime1	2364.4732432663	Sum of GTIs [s]
ontime2	2183.0160337538	Sum of GTIs [s]
ontime3	2247.6726835817	Sum of GTIs [s]
ontime6	2449.924819693	Sum of GTIs [s]
ontime7	5362.3118877262	Sum of GTIs [s]
l2events	1261120	Number of level 2 events

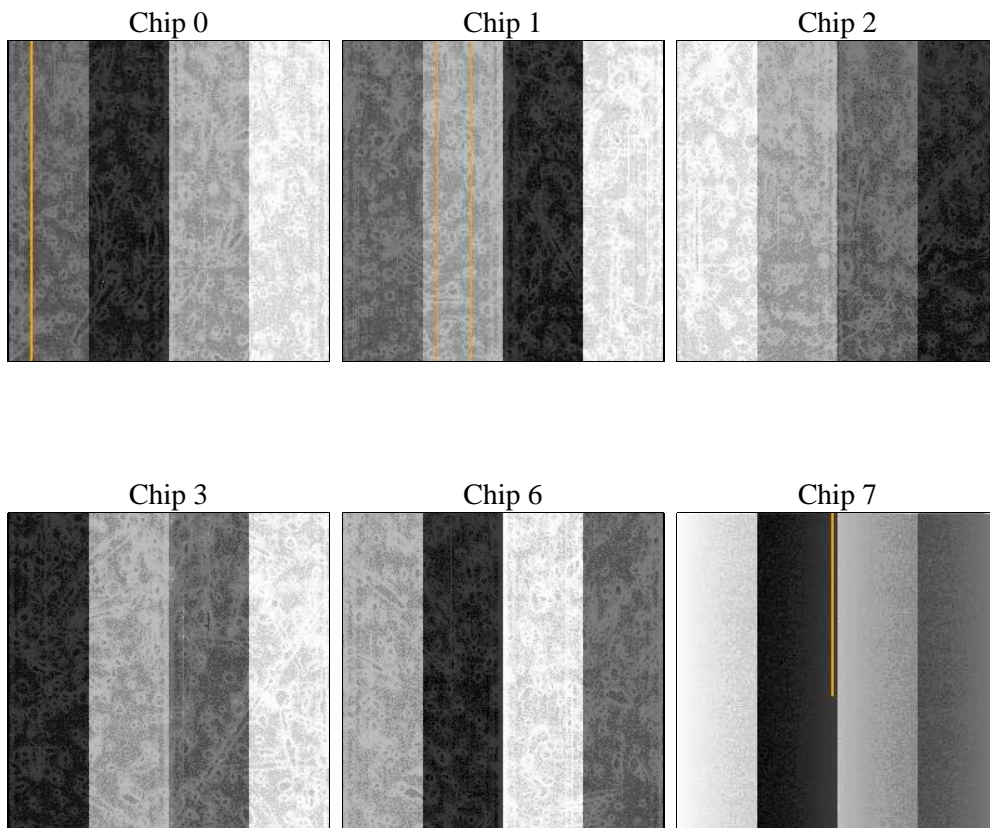
2 OBI

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	5362.3118877262	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2299.6113535017	Sum of GTIs [s]
date	2012-09-05T22:17:41	Date and time of file creation	ontime1	2364.4732432663	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2183.0160337538	Sum of GTIs [s]
			ontime3	2247.6726835817	Sum of GTIs [s]
			ontime6	2449.924819693	Sum of GTIs [s]
			ontime7	5362.3118877262	Sum of GTIs [s]
			l1events	1430815	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	192460	197628	186110	191935	216147	446535	grade 0 events	96244	99264	93512	96916	107481	108253
rejected events	17841	17473	18074	18199	19346	26267		50%	50%	50%	50%	49%	24%
rejected %	9%	8%	9%	9%	8%	5%	grade 1 events	511	475	490	532	541	257
								0%	0%	0%	0%	0%	0%
							grade 2 events	30562	31795	29530	30517	34150	93655
								15%	16%	15%	15%	15%	20%
							grade 3 events	11100	11479	10690	11021	12066	43291
								5%	5%	5%	5%	5%	9%
							grade 4 events	11001	11296	10352	11019	12042	42890
								5%	5%	5%	5%	5%	9%
							grade 5 events	1355	1410	1286	1381	1639	5905
								0%	0%	0%	0%	0%	1%
							grade 6 events	25712	26321	23952	24263	31320	132179
								13%	13%	12%	12%	14%	29%
							grade 7 events	15975	15588	16298	16286	16908	20105
								8%	7%	8%	8%	7%	4%

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	154.0904714063724
[deg] Pointing Dec	0	46.64975243015498
[deg] Pointing Roll	0.0	42.88663921498438
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	87031598.066	87031597.297361
Observation start date	2000-10-04T07:26:38	2000-10-04T07:26:37
[s] Observation end time (MET)	87075468.067	87075467.29902001
Observation end date	2000-10-04T19:37:48	2000-10-04T19:37:47
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	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)	2012.09.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3623118877262

A.2 Comments