

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 61872 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Jan 17 2013

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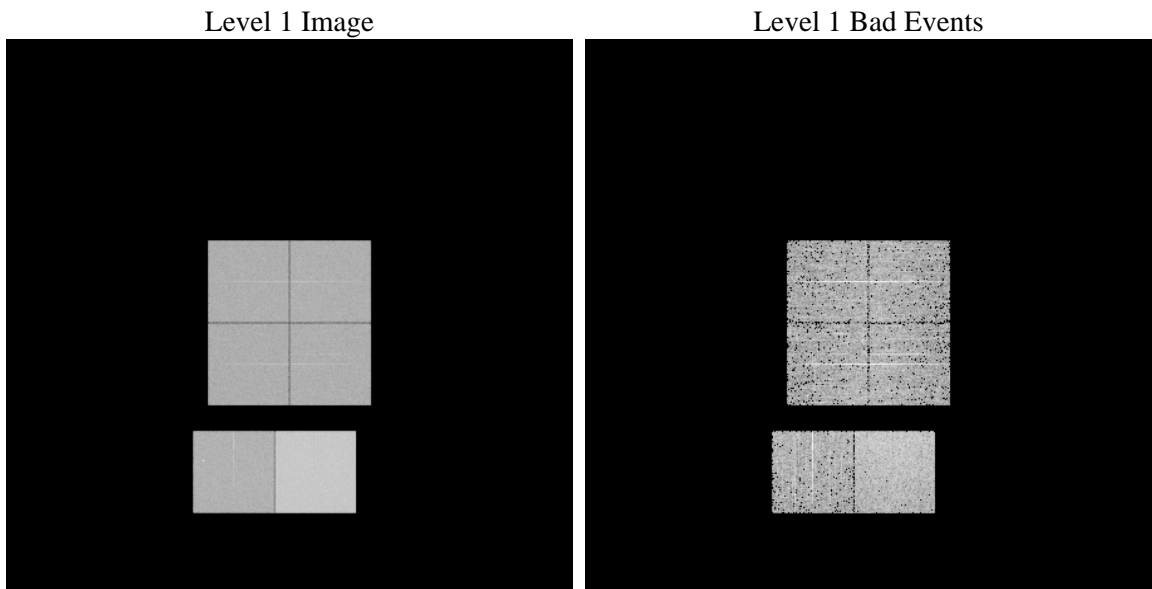
1 Front

seq_num	 	Sequence number
obs_id	61872	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	173.01513974969	Nominal RA [deg]
dec_nom	52.027162685158	Nominal Dec [deg]
roll_nom	38.411927192976	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5535.3471468091	Sum of GTIs [s]
livetime	5465.2552482503	Livetime [s]
ontime0	2313.7770715505	Sum of GTIs [s]
ontime1	2362.7162696868	Sum of GTIs [s]
ontime2	2177.9772493541	Sum of GTIs [s]
ontime3	2258.9411477596	Sum of GTIs [s]
ontime6	2456.7064992934	Sum of GTIs [s]
ontime7	5535.3471468091	Sum of GTIs [s]
l2events	1245396	Number of level 2 events

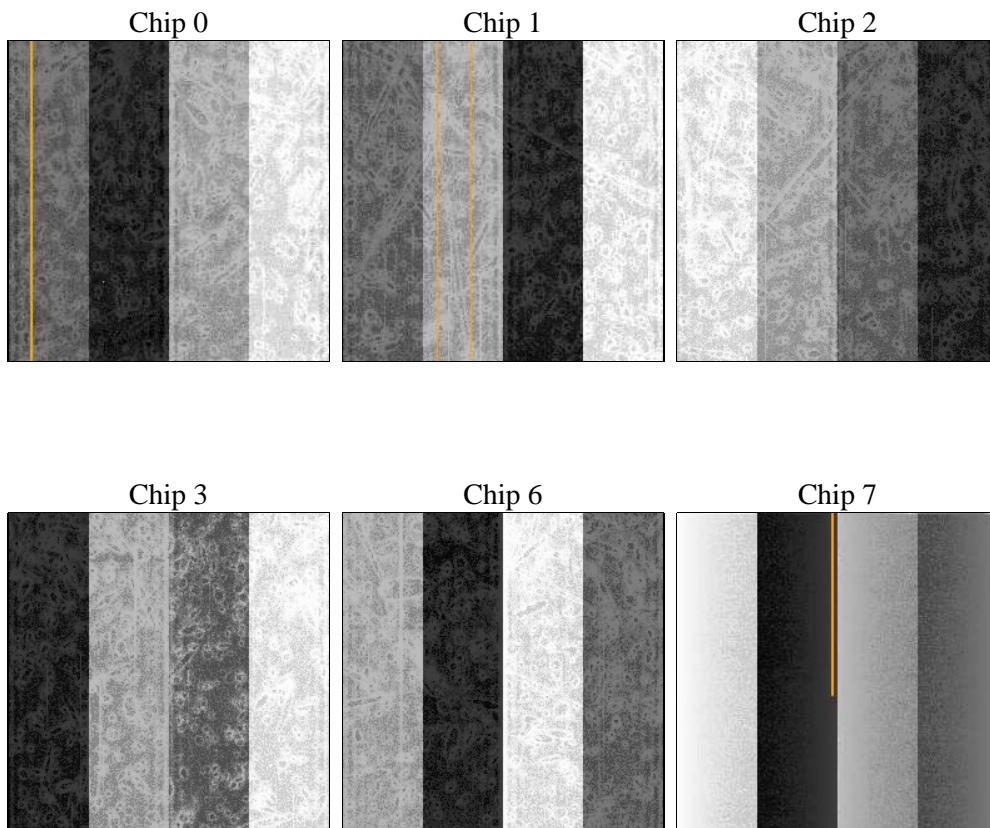
2 OBI

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	8.5.1.1	Processing system revision	ontime	5535.3471468091	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	2313.7770715505	Sum of GTIs [s]
date	2013-01-17T20:38:52	Date and time of file creation	ontime1	2362.7162696868	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2177.9772493541	Sum of GTIs [s]
			ontime3	2258.9411477596	Sum of GTIs [s]
			ontime6	2456.7064992934	Sum of GTIs [s]
			ontime7	5535.3471468091	Sum of GTIs [s]
			l1events	1423404	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	189118	193883	182491	189546	213083	455283	grade 0 events	94430	96903	90926	95155	105517	109704
rejected events	18397	18611	19266	19606	20679	29068		49%	49%	49%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	6%	grade 1 events	522	491	499	527	510	295
								0%	0%	0%	0%	0%	0%
							grade 2 events	30246	30720	28370	29982	33069	94783
								15%	15%	15%	15%	15%	20%
							grade 3 events	10720	11172	10429	10706	11730	44154
								5%	5%	5%	5%	5%	9%
							grade 4 events	10782	11140	10332	10615	11899	43391
								5%	5%	5%	5%	5%	9%
							grade 5 events	1330	1393	1288	1420	1585	6367
								0%	0%	0%	0%	0%	1%
							grade 6 events	24884	25337	23268	23717	30189	134183
								13%	13%	12%	12%	14%	29%
							grade 7 events	16204	16727	17379	17424	18584	22406
								8%	8%	9%	9%	8%	4%

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	173.0151397496872	Alternating exposures requested	N	N
[deg] Pointing Dec	0	52.02716268515829	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	38.41192719297624			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	88858884.084878	88858883.316397			
Observation start date	2000-10-25T11:01:24	2000-10-25T11:01:23			
[s] Observation end time (MET)	88906737.236691	88906736.468207			
Observation end date	2000-10-26T00:18:57	2000-10-26T00:18:56			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5353471468091

A.2 Comments