

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60714 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 29 2012

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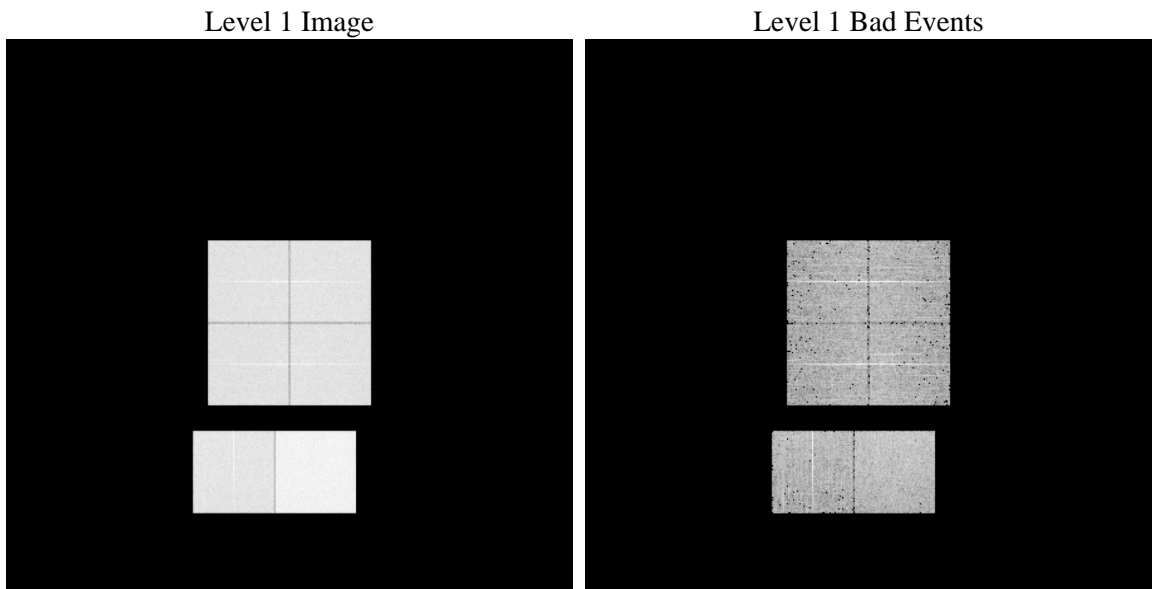
1 Front

seq_num	 	Sequence number
obs_id	60714	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	267.00616385845	Nominal RA [deg]
dec_nom	-35.971892104805	Nominal Dec [deg]
roll_nom	47.167320049751	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8457.4055649638	Sum of GTIs [s]
livetime	8350.312803262	Livetime [s]
ontime0	5008.9688623548	Sum of GTIs [s]
ontime1	5203.3868553042	Sum of GTIs [s]
ontime2	4814.4279491603	Sum of GTIs [s]
ontime3	4906.9110203683	Sum of GTIs [s]
ontime6	5279.6239156425	Sum of GTIs [s]
ontime7	8457.4055649638	Sum of GTIs [s]
l2events	1277183	Number of level 2 events

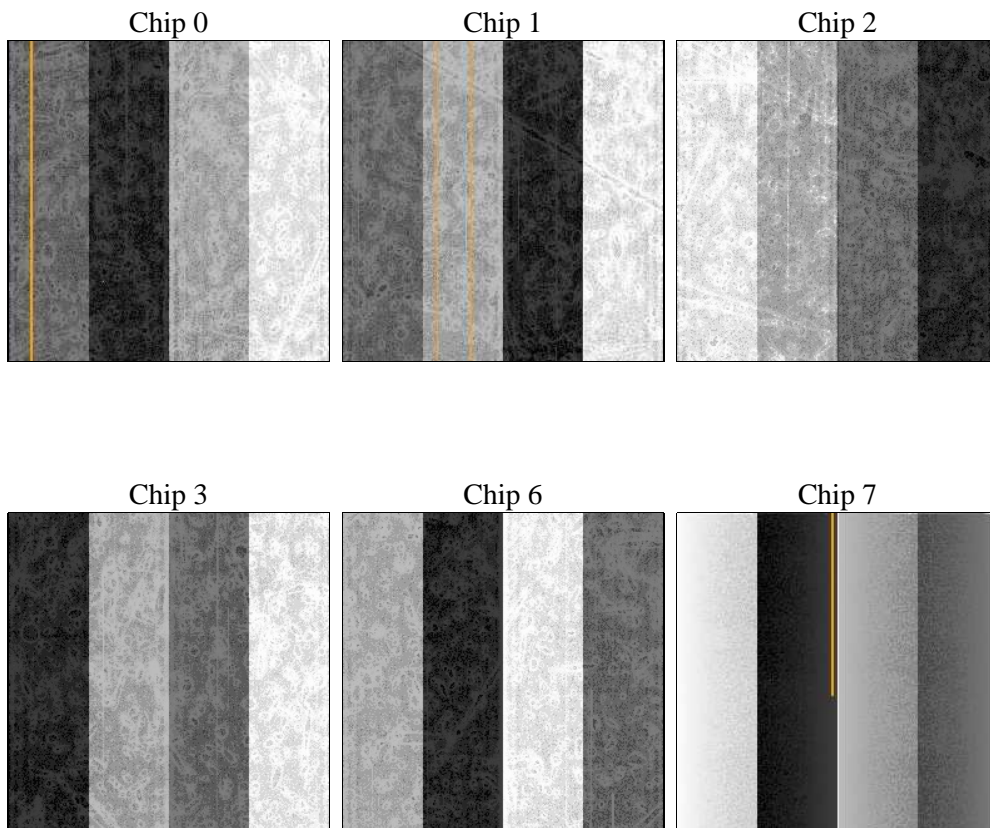
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8457.4055649638	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5008.9688623548	Sum of GTIs [s]
date	2012-10-29T06:59:36	Date and time of file creation	ontime1	5203.3868553042	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4814.4279491603	Sum of GTIs [s]
			ontime3	4906.9110203683	Sum of GTIs [s]
			ontime6	5279.6239156425	Sum of GTIs [s]
			ontime7	8457.4055649638	Sum of GTIs [s]
			l1events	1540578	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	224926	233927	218103	225021	248506	390095	grade 0 events	107174	110935	106112	108780	116624	86067
rejected events	31274	32459	30049	32394	34436	43595		47%	47%	48%	48%	46%	22%
rejected %	13%	13%	13%	14%	13%	11%	grade 1 events	585	502	595	583	537	242
								0%	0%	0%	0%	0%	0%
							grade 2 events	33910	35946	31478	32589	36929	76434
								15%	15%	14%	14%	14%	19%
							grade 3 events	12588	12900	12122	12613	13324	35083
								5%	5%	5%	5%	5%	8%
							grade 4 events	12324	12875	12164	12603	13422	34773
								5%	5%	5%	5%	5%	8%
							grade 5 events	2197	2221	2170	2228	2494	8245
								0%	0%	0%	0%	1%	2%
							grade 6 events	27935	29057	26427	26156	34039	114404
								12%	12%	12%	11%	13%	29%
							grade 7 events	28213	29491	27035	29469	31137	34847
								12%	12%	12%	13%	12%	8%

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	267.0061638584513	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-35.97189210480548	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	47.16732004975139			
[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)	171143608.055512	171143607.03079			
Observation start date	2003-06-04T19:53:28	2003-06-04T19:53:27			
[s] Observation end time (MET)	171166990.356503	171166989.33179			
Observation end date	2003-06-05T02:23:10	2003-06-05T02:23:09			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4574055649638

A.2 Comments