

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61637 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

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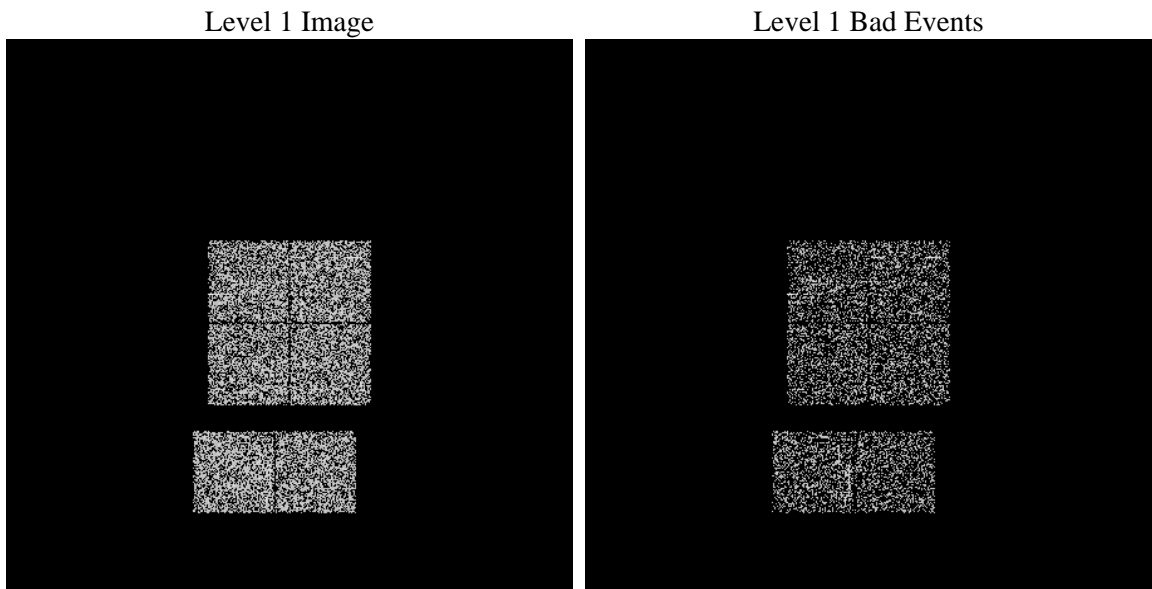
1 Front

seq_num	 	Sequence number
obs_id	61637	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	321.47763471351	Nominal RA [deg]
dec_nom	0.017450685213934	Nominal Dec [deg]
roll_nom	108.75293692963	Nominal Roll [deg]
revision	3	Processing version of data
ontime	32.000000014901	Sum of GTIs [s]
livetime	31.594796746626	Livetime [s]
ontime0	32.000000014901	Sum of GTIs [s]
ontime1	32.000000014901	Sum of GTIs [s]
ontime2	32.000000014901	Sum of GTIs [s]
ontime3	32.000000014901	Sum of GTIs [s]
ontime6	32.000000014901	Sum of GTIs [s]
ontime7	32.000000014901	Sum of GTIs [s]
l2events	11953	Number of level 2 events

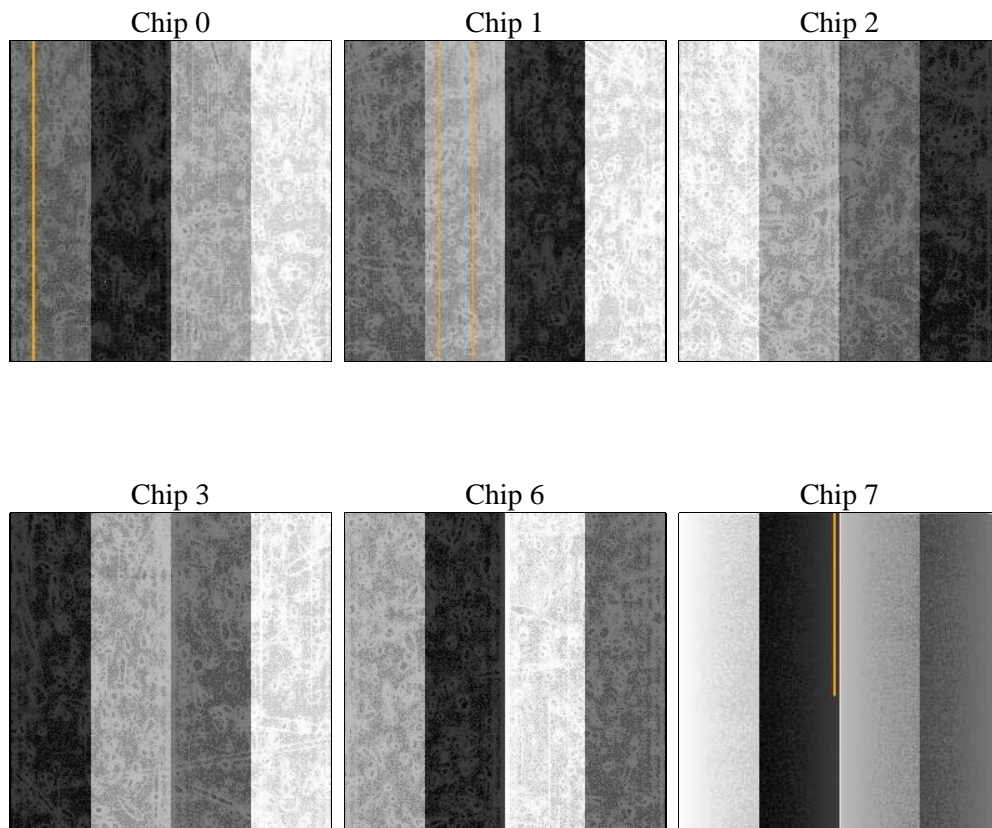
2 OBI

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	32.000000014901	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	32.000000014901	Sum of GTIs [s]
date	2012-09-19T01:02:54	Date and time of file creation	ontime1	32.000000014901	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	32.000000014901	Sum of GTIs [s]
			ontime3	32.000000014901	Sum of GTIs [s]
			ontime6	32.000000014901	Sum of GTIs [s]
			ontime7	32.000000014901	Sum of GTIs [s]
			l1events	22680	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	3668	3817	3666	3778	4066	3685
rejected events	1639	1677	1663	1719	1838	1560
rejected %	44%	43%	45%	45%	45%	42%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1744	1822	1859	1853	1936	899
	47%	47%	50%	49%	47%	24%
grade 1 events	14	18	11	11	8	2
	0%	0%	0%	0%	0%	0%
grade 2 events	558	590	554	567	638	769
	15%	15%	15%	15%	15%	20%
grade 3 events	191	214	212	216	212	372
	5%	5%	5%	5%	5%	10%
grade 4 events	225	240	194	208	214	364
	6%	6%	5%	5%	5%	9%
grade 5 events	21	35	22	32	34	56
	0%	0%	0%	0%	0%	1%
grade 6 events	490	479	473	435	554	1043
	13%	12%	12%	11%	13%	28%
grade 7 events	425	419	341	456	470	180
	11%	10%	9%	12%	11%	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	321.477634713514	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.01745068521393415	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	108.7529369296342			
[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)	106222930.053	106222929.28405			
Observation start date	2001-05-14T10:22:10	2001-05-14T10:22:09			
[s] Observation end time (MET)	106225101.003	106225100.23413			
Observation end date	2001-05-14T10:58:21	2001-05-14T10:58:20			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.032000000014901

A.2 Comments