

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61315 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 2 2012

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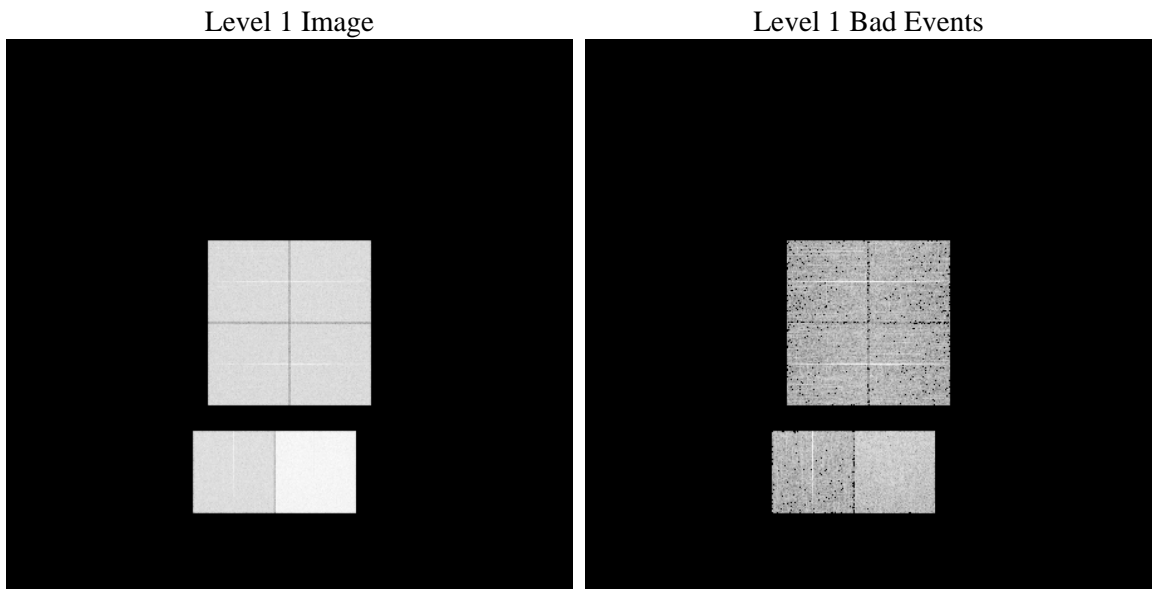
1 Front

seq_num	 	Sequence number
obs_id	61315	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	90.015373871062	Nominal RA [deg]
dec_nom	29.97466471616	Nominal Dec [deg]
roll_nom	264.94760276369	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7625.1116573662	Sum of GTIs [s]
livetime	7528.5579022696	Livetime [s]
ontime0	3007.6813654304	Sum of GTIs [s]
ontime1	3123.3114710301	Sum of GTIs [s]
ontime2	2906.1224853396	Sum of GTIs [s]
ontime3	2980.8300270736	Sum of GTIs [s]
ontime6	3220.4604214728	Sum of GTIs [s]
ontime7	7625.1116573662	Sum of GTIs [s]
l2events	1202709	Number of level 2 events

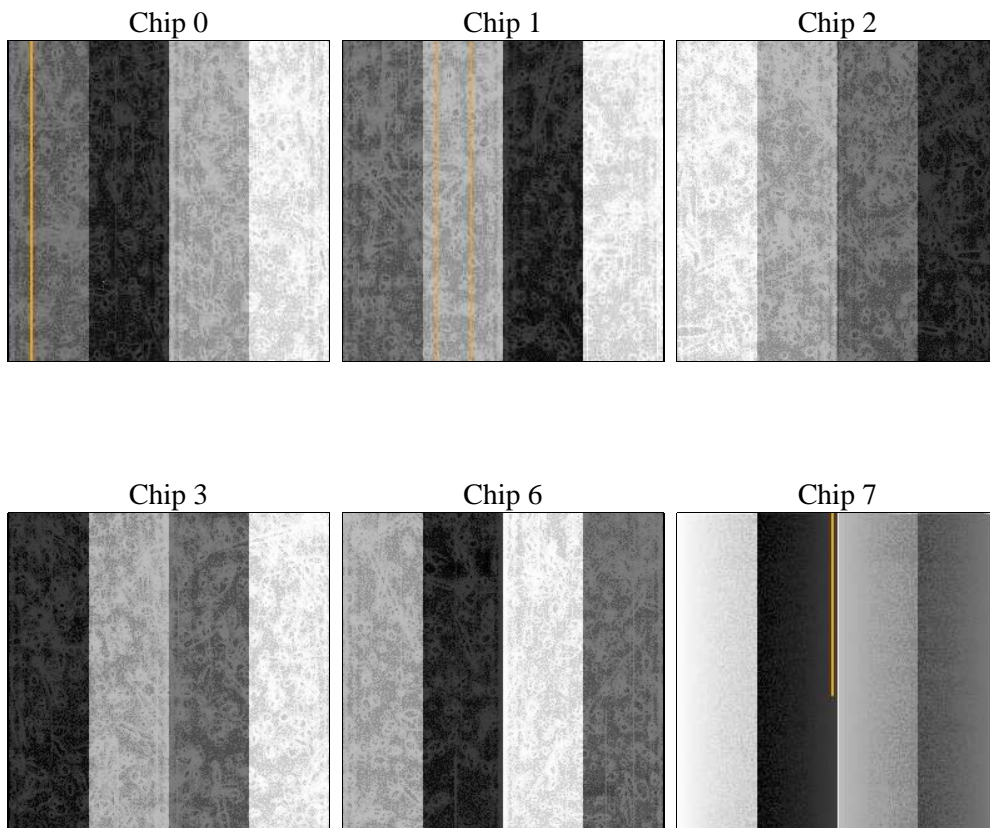
2 OBI

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	7625.1116573662	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	3007.6813654304	Sum of GTIs [s]
date	2012-10-02T14:57:34	Date and time of file creation	ontime1	3123.3114710301	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2906.1224853396	Sum of GTIs [s]
			ontime3	2980.8300270736	Sum of GTIs [s]
			ontime6	3220.4604214728	Sum of GTIs [s]
			ontime7	7625.1116573662	Sum of GTIs [s]
			l1events	1412856	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	182961	190275	181706	185000	205246	467668	grade 0 events	88341	92622	87626	90304	98919	106349
rejected events	22777	22609	24061	23642	24212	42144		48%	48%	48%	48%	48%	22%
rejected %	12%	11%	13%	12%	11%	9%	grade 1 events	446	465	466	505	496	279
								0%	0%	0%	0%	0%	0%
							grade 2 events	28468	29585	27730	28201	31366	94029
								15%	15%	15%	15%	15%	20%
							grade 3 events	10196	10498	10086	10193	11074	43419
								5%	5%	5%	5%	5%	9%
							grade 4 events	10136	10698	9938	10104	11227	42874
								5%	5%	5%	5%	5%	9%
							grade 5 events	1573	1602	1445	1599	1802	8540
								0%	0%	0%	0%	0%	1%
							grade 6 events	23043	24263	22265	22556	28448	138853
								12%	12%	12%	12%	13%	29%
							grade 7 events	20758	20542	22150	21538	21914	33325
								11%	10%	12%	11%	10%	7%

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	90.0153738710622
[deg] Pointing Dec	0	29.97466471615971
[deg] Pointing Roll	0.0	264.9476027636904
[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)	129756832.58479	129756831.81632
Observation start date	2002-02-10T19:33:53	2002-02-10T19:33:51
[s] Observation end time (MET)	129789692.036117	129789691.26765
Observation end date	2002-02-11T04:41:32	2002-02-11T04:41:31
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	3.2	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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6251116573662

A.2 Comments