

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60213 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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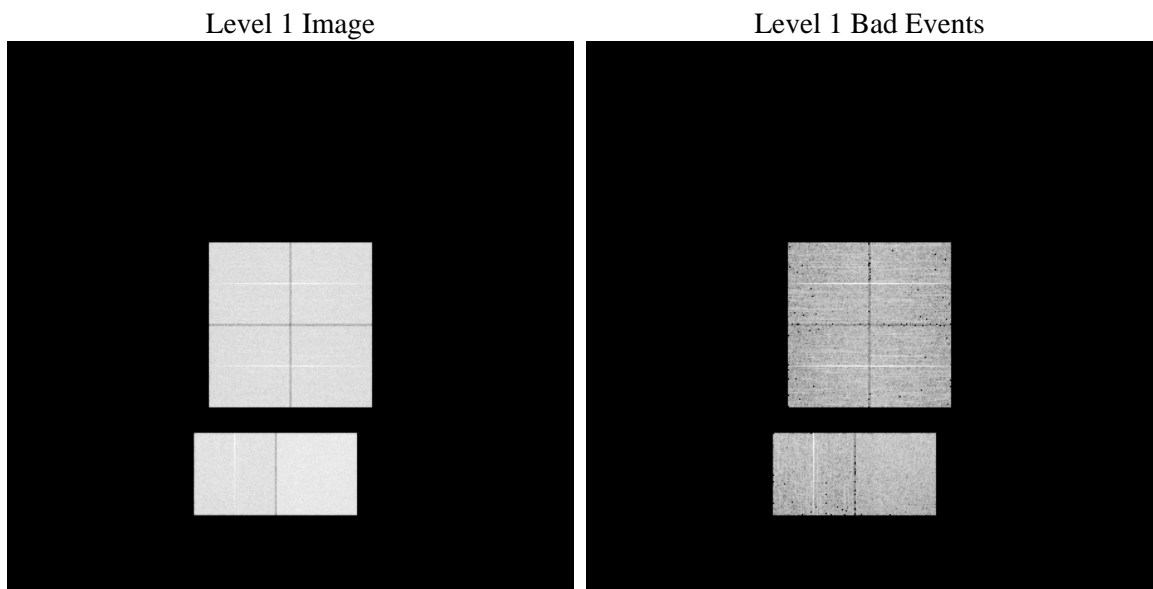
1 Front

seq_num	 	Sequence number
obs_id	60213	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	290.98554019511	Nominal RA [deg]
dec_nom	-35.473927657274	Nominal Dec [deg]
roll_nom	81.407034272583	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7692.0781682432	Sum of GTIs [s]
livetime	7594.6764428635	Livetime [s]
ontime0	5624.2931402028	Sum of GTIs [s]
ontime1	5851.1207592785	Sum of GTIs [s]
ontime2	5565.8731867969	Sum of GTIs [s]
ontime3	5611.411757499	Sum of GTIs [s]
ontime6	6074.6666261554	Sum of GTIs [s]
ontime7	7692.0781682432	Sum of GTIs [s]
l2events	1087618	Number of level 2 events

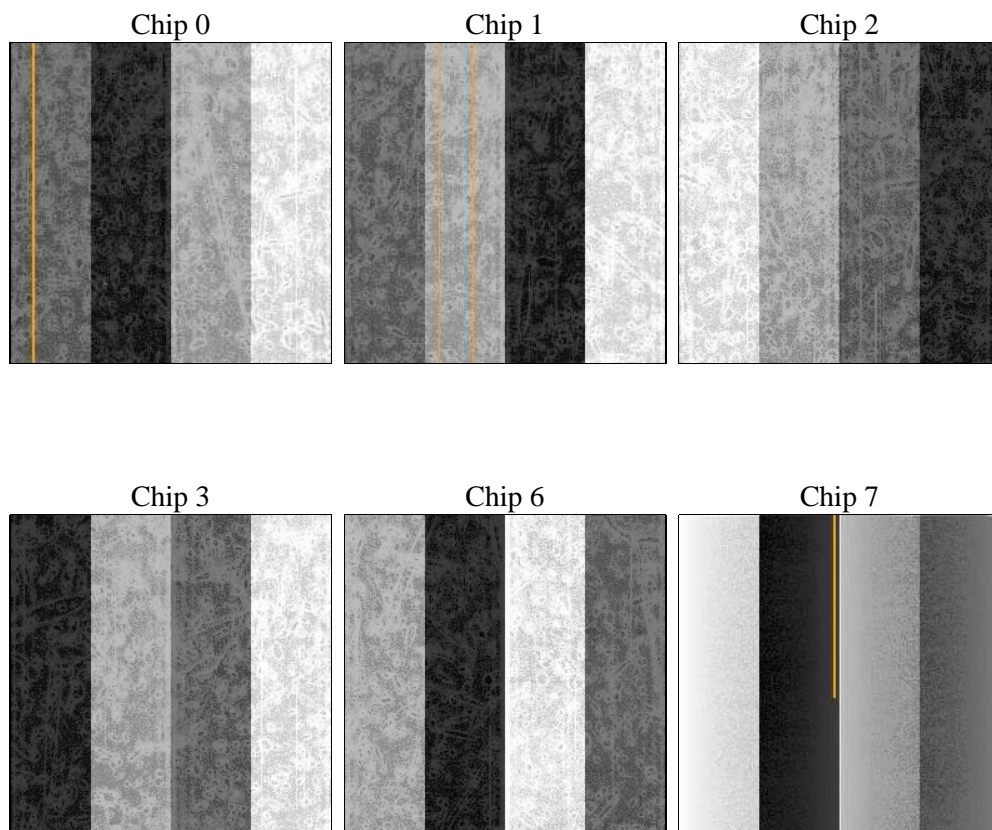
2 OBI

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	7692.0781682432	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5624.2931402028	Sum of GTIs [s]
date	2012-12-02T02:06:37	Date and time of file creation	ontime1	5851.1207592785	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5565.8731867969	Sum of GTIs [s]
			ontime3	5611.411757499	Sum of GTIs [s]
			ontime6	6074.6666261554	Sum of GTIs [s]
			ontime7	7692.0781682432	Sum of GTIs [s]
			l1events	1396561	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	211673	219192	209949	214515	238020	303212	grade 0 events	94113	97507	95417	96345	105107	61586
rejected events	40716	41397	39647	42254	44141	47676		44%	44%	45%	44%	44%	20%
rejected %	19%	18%	18%	19%	18%	15%	grade 1 events	554	483	598	582	525	177
								0%	0%	0%	0%	0%	0%
							grade 2 events	30139	31577	29054	29657	33586	56222
								14%	14%	13%	13%	14%	18%
							grade 3 events	11005	11510	11131	11185	12130	25680
								5%	5%	5%	5%	5%	8%
							grade 4 events	10798	11366	11073	11343	12226	25189
								5%	5%	5%	5%	5%	8%
							grade 5 events	2548	2704	2435	2823	2942	8439
								1%	1%	1%	1%	1%	2%
							grade 6 events	25006	25939	23715	23828	30920	86961
								11%	11%	11%	11%	12%	28%
							grade 7 events	37510	38106	36526	38752	40584	38958
								17%	17%	17%	18%	17%	12%

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	290.9855401951072
[deg] Pointing Dec	0	-35.4739276572742
[deg] Pointing Roll	0.0	81.40703427258302
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	202411808.410663	202411807.38569
Observation start date	2004-05-31T17:30:08	2004-05-31T17:30:07
[s] Observation end time (MET)	202450776.862381	202450775.83741
Observation end date	2004-06-01T04:19:37	2004-06-01T04:19:35
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)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6920781682432

A.2 Comments