

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60373 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 11 2012

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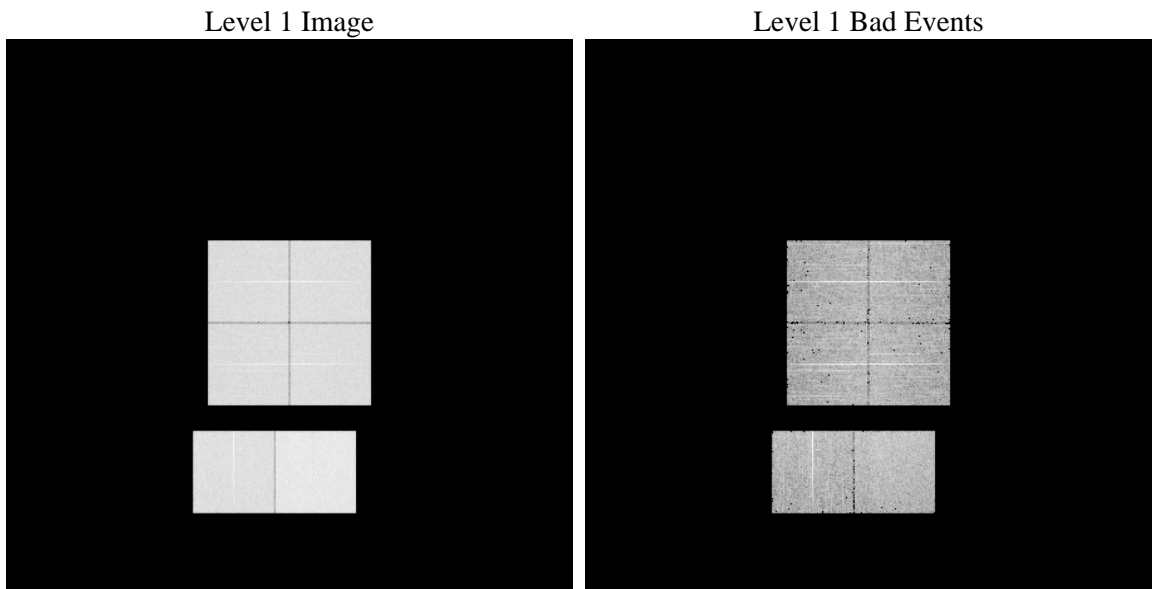
1 Front

seq_num	 	Sequence number
obs_id	60373	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	326.03110242801	Nominal RA [deg]
dec_nom	40.015876487087	Nominal Dec [deg]
roll_nom	0.80406143781853	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.9091445506	Sum of GTIs [s]
livetime	8355.7466932102	Livetime [s]
ontime0	6038.0067251921	Sum of GTIs [s]
ontime1	6148.1998231411	Sum of GTIs [s]
ontime2	5814.9207113087	Sum of GTIs [s]
ontime3	5957.6873231828	Sum of GTIs [s]
ontime6	6339.9161130488	Sum of GTIs [s]
ontime7	8462.9091445506	Sum of GTIs [s]
l2events	1237906	Number of level 2 events

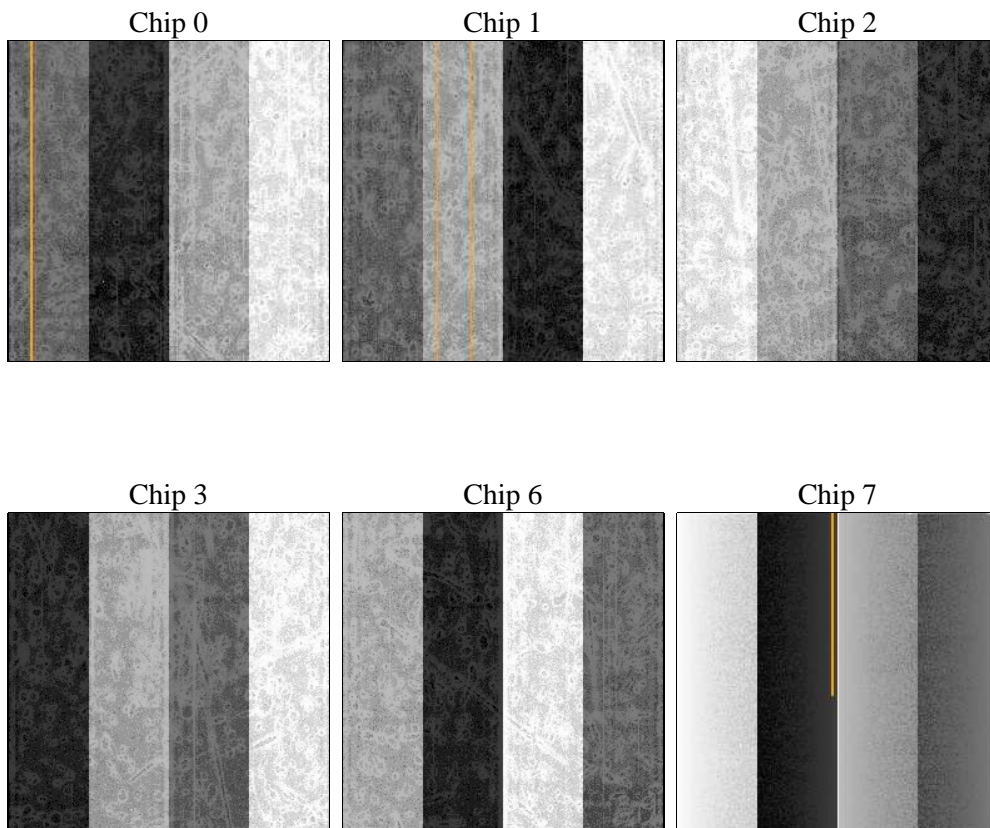
2 OBI

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	8462.9091445506	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6038.0067251921	Sum of GTIs [s]
date	2012-11-12T00:19:49	Date and time of file creation	ontime1	6148.1998231411	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5814.9207113087	Sum of GTIs [s]
			ontime3	5957.6873231828	Sum of GTIs [s]
			ontime6	6339.9161130488	Sum of GTIs [s]
			ontime7	8462.9091445506	Sum of GTIs [s]
			l1events	1535765	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	233063	238238	228686	235613	258058	342107	grade 0 events	108616	110618	106695	110356	118018	72250
rejected events	36548	37360	38047	39202	40949	46157		46%	46%	46%	46%	45%	21%
rejected %	15%	15%	16%	16%	15%	13%	grade 1 events	584	543	653	576	552	193
								0%	0%	0%	0%	0%	0%
							grade 2 events	34251	35405	32354	33739	37405	64729
								14%	14%	14%	14%	14%	18%
							grade 3 events	12893	12857	12458	12798	13526	29624
								5%	5%	5%	5%	5%	8%
							grade 4 events	12567	12725	12317	12838	13504	29799
								5%	5%	5%	5%	5%	8%
							grade 5 events	2586	2641	2359	2593	2938	8558
								1%	1%	1%	1%	1%	2%
							grade 6 events	28188	29273	26918	26795	34761	99655
								12%	12%	11%	11%	13%	29%
							grade 7 events	33378	34176	34932	35918	37354	37299
								14%	14%	15%	15%	14%	10%

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	326.0311024280093
[deg] Pointing Dec	0	40.0158764870872
[deg] Pointing Roll	0.0	0.8040614378185315
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	193081565.100054	193081564.07534
Observation start date	2004-02-13T17:46:05	2004-02-13T17:46:04
[s] Observation end time (MET)	193104473.851056	193104472.82634
Observation end date	2004-02-14T00:07:54	2004-02-14T00:07:52
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4629091445506

A.2 Comments