

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62049 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 27 2012

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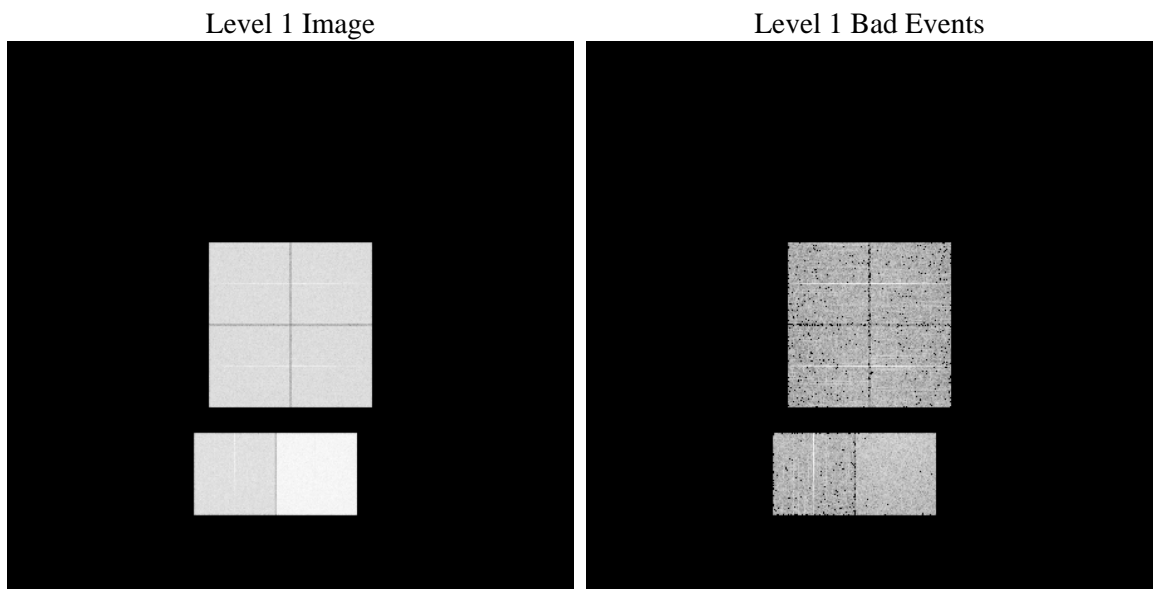
1 Front

seq_num	 	Sequence number
obs_id	62049	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	190.91627295406	Nominal RA [deg]
dec_nom	58.23217638795	Nominal Dec [deg]
roll_nom	223.0774610275	Nominal Roll [deg]
revision	5	Processing version of data
ontime	5357.6791051477	Sum of GTIs [s]
livetime	5289.8369463113	Livetime [s]
ontime0	2193.6591155231	Sum of GTIs [s]
ontime1	2239.8336396813	Sum of GTIs [s]
ontime2	2141.8846952617	Sum of GTIs [s]
ontime3	2125.5153353065	Sum of GTIs [s]
ontime6	2356.5111092627	Sum of GTIs [s]
ontime7	5357.6791051477	Sum of GTIs [s]
l2events	1332271	Number of level 2 events

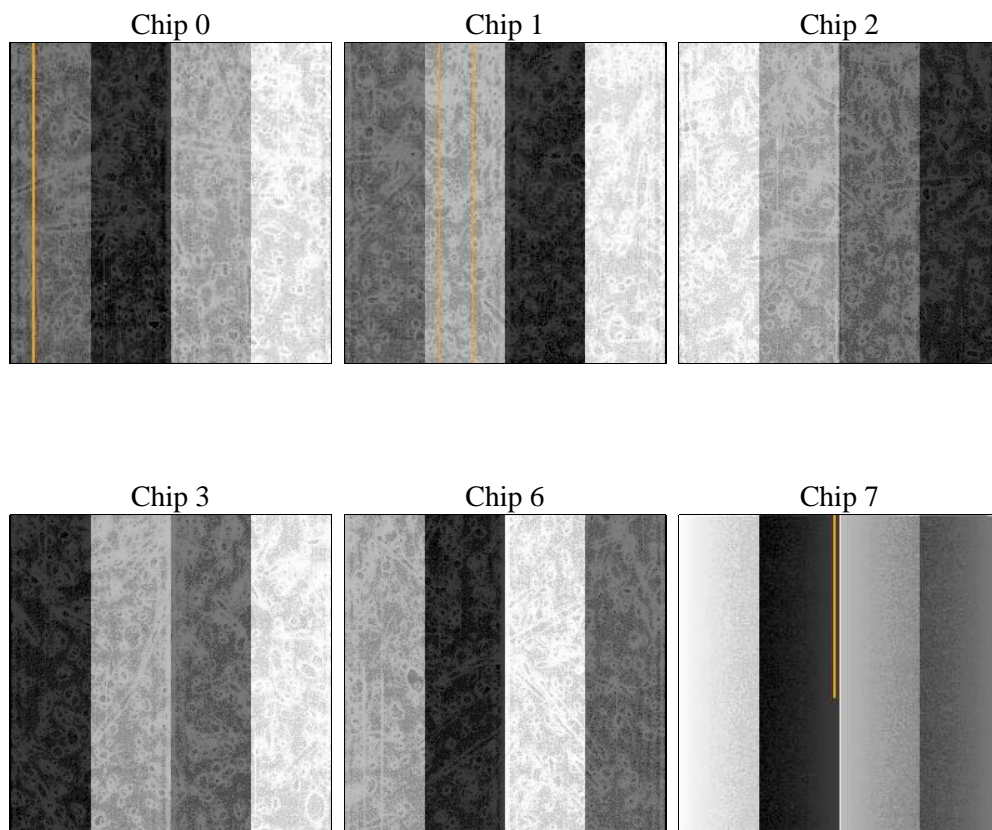
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5357.6791051477	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2193.6591155231	Sum of GTIs [s]
date	2012-08-27T23:09:59	Date and time of file creation	ontime1	2239.8336396813	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	2141.8846952617	Sum of GTIs [s]
			ontime3	2125.5153353065	Sum of GTIs [s]
			ontime6	2356.5111092627	Sum of GTIs [s]
			ontime7	5357.6791051477	Sum of GTIs [s]
			l1events	1531255	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	202306	206530	201391	200606	228360	492062	grade 0 events	100811	103520	100912	100922	112665	119214
rejected events	21072	21452	21447	22707	23956	33435		49%	50%	50%	50%	49%	24%
rejected %	10%	10%	10%	11%	10%	6%	grade 1 events	616	649	620	595	628	329
								0%	0%	0%	0%	0%	0%
							grade 2 events	32103	32603	31705	31374	35498	103081
								15%	15%	15%	15%	15%	20%
							grade 3 events	11580	11749	11462	11296	13125	47756
								5%	5%	5%	5%	5%	9%
							grade 4 events	11619	11711	11581	11381	12816	47421
								5%	5%	5%	5%	5%	9%
							grade 5 events	1500	1478	1398	1397	1628	6527
								0%	0%	0%	0%	0%	1%
							grade 6 events	26682	27149	25918	24873	32472	145832
								13%	13%	12%	12%	14%	29%
							grade 7 events	17395	17671	17795	18768	19528	21902
								8%	8%	8%	9%	8%	4%

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	190.9162729540595
[deg] Pointing Dec	0	58.23217638794962
[deg] Pointing Roll	0.0	223.0774610275036
[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)	75196732.376	75196731.60719199
Observation start date	2000-05-20T07:58:52	2000-05-20T07:58:51
[s] Observation end time (MET)	75206662.57600001	75206661.807556
Observation end date	2000-05-20T10:44:23	2000-05-20T10:44:21
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)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.3576791051477

A.2 Comments