

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60446 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 9 2012

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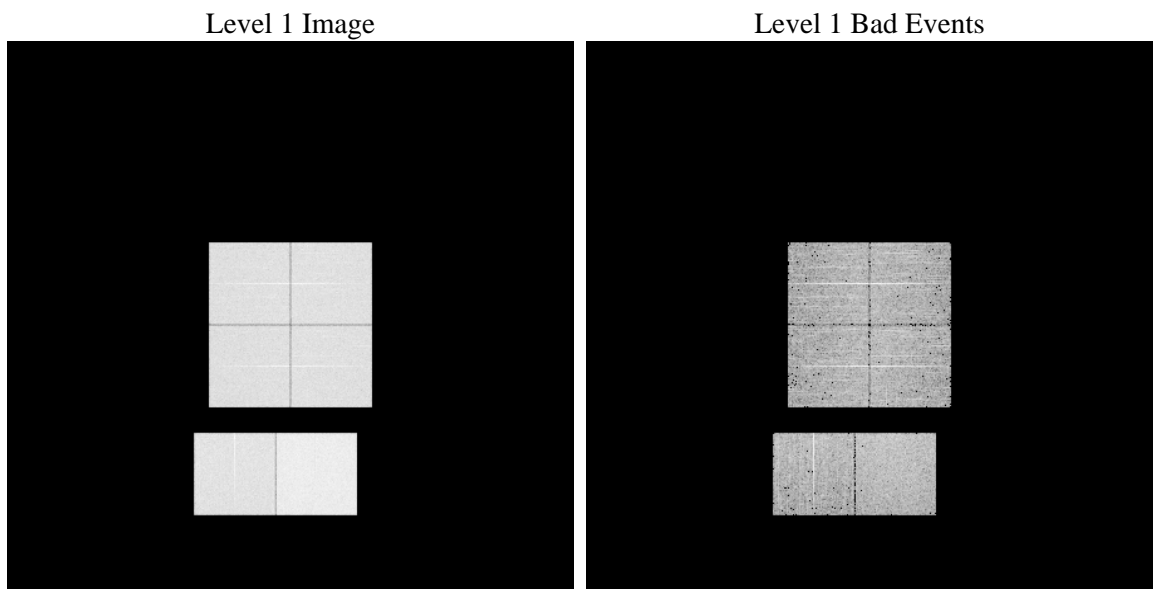
1 Front

seq_num	 	Sequence number
obs_id	60446	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	71.030085741989	Nominal RA [deg]
dec_nom	-19.995611720651	Nominal Dec [deg]
roll_nom	335.95794523433	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7807.430665344	Sum of GTIs [s]
livetime	7708.5682771891	Livetime [s]
ontime0	5175.9071195722	Sum of GTIs [s]
ontime1	5299.064299196	Sum of GTIs [s]
ontime2	5020.072024852	Sum of GTIs [s]
ontime3	5140.1523134708	Sum of GTIs [s]
ontime6	5506.1773316562	Sum of GTIs [s]
ontime7	7807.430665344	Sum of GTIs [s]
l2events	1159787	Number of level 2 events

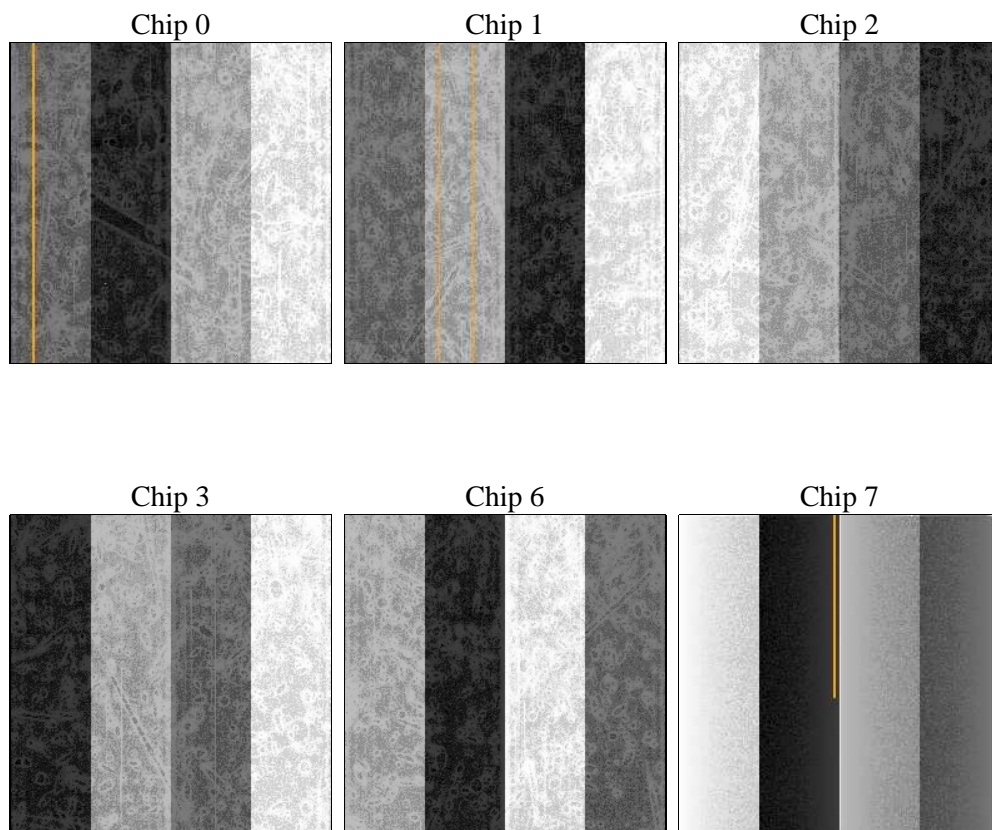
2 OBI

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	7807.430665344	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	5175.9071195722	Sum of GTIs [s]
date	2012-11-09T09:53:18	Date and time of file creation	ontime1	5299.064299196	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5020.072024852	Sum of GTIs [s]
			ontime3	5140.1523134708	Sum of GTIs [s]
			ontime6	5506.1773316562	Sum of GTIs [s]
			ontime7	7807.430665344	Sum of GTIs [s]
			l1events	1420179	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	212419	218144	208266	215599	235079	330672	grade 0 events	99674	101650	98485	102378	108819	72219
rejected events	31829	32509	32171	34027	34319	40610		46%	46%	47%	47%	46%	21%
rejected %	14%	14%	15%	15%	14%	12%	grade 1 events	538	428	605	590	453	188
								0%	0%	0%	0%	0%	0%
							grade 2 events	31582	32923	29717	30712	34498	64022
								14%	15%	14%	14%	14%	19%
							grade 3 events	11446	11868	11538	11715	12541	28806
								5%	5%	5%	5%	5%	8%
							grade 4 events	11778	11815	11532	11825	12482	28524
								5%	5%	5%	5%	5%	8%
							grade 5 events	2195	2245	1991	2281	2562	7647
								1%	1%	0%	1%	1%	2%
							grade 6 events	26110	27379	24823	24942	32420	96491
								12%	12%	11%	11%	13%	29%
							grade 7 events	29096	29836	29575	31156	31304	32775
								13%	13%	14%	14%	13%	9%

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	71.03008574198898	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-19.99561172065123	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	335.957945234331			
[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)	188476738.049267	188476737.02455			
Observation start date	2003-12-22T10:38:58	2003-12-22T10:38:57			
[s] Observation end time (MET)	188512397.800818	188512396.7761			
Observation end date	2003-12-22T20:33:18	2003-12-22T20:33:16			
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)	2012.12.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.807430665344

A.2 Comments