

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60378 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 11 2012

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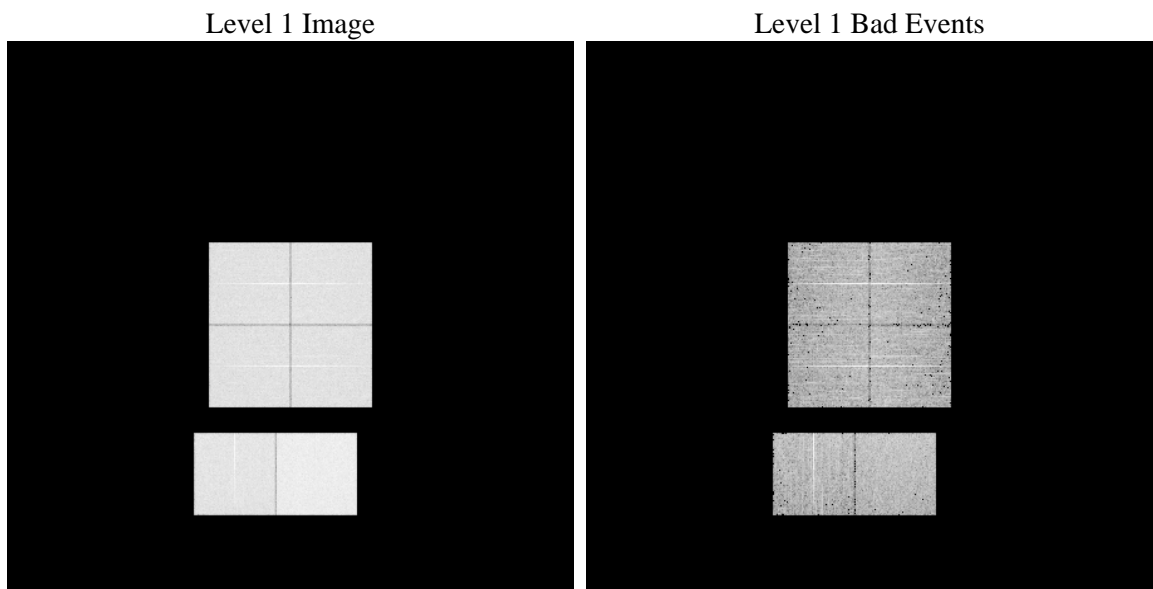
1 Front

seq_num	 	Sequence number
obs_id	60378	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	145.94525265858	Nominal RA [deg]
dec_nom	62.985782153958	Nominal Dec [deg]
roll_nom	176.95165063705	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7804.7999709249	Sum of GTIs [s]
livetime	7705.9708942067	Livetime [s]
ontime0	5551.7250799239	Sum of GTIs [s]
ontime1	5698.162720561	Sum of GTIs [s]
ontime2	5399.9918881953	Sum of GTIs [s]
ontime3	5441.4493829608	Sum of GTIs [s]
ontime6	5863.4525950253	Sum of GTIs [s]
ontime7	7804.7999709249	Sum of GTIs [s]
l2events	1141093	Number of level 2 events

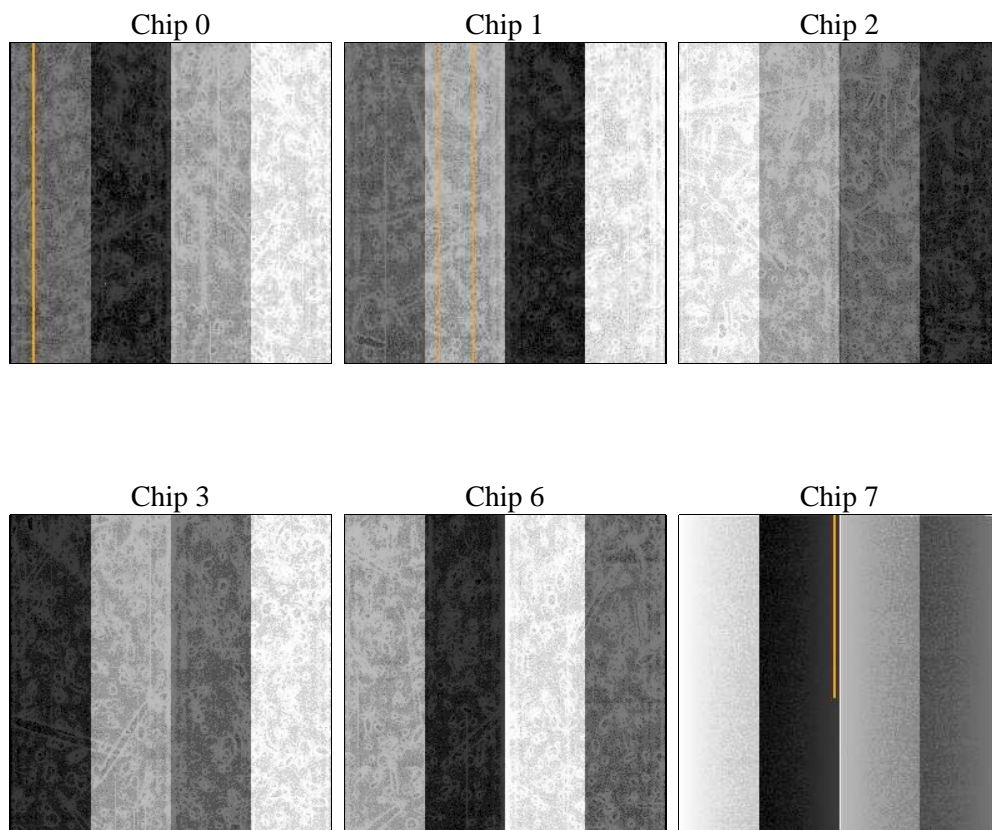
2 OBI

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	7804.7999709249	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5551.7250799239	Sum of GTIs [s]
date	2012-11-11T14:08:03	Date and time of file creation	ontime1	5698.162720561	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5399.9918881953	Sum of GTIs [s]
			ontime3	5441.4493829608	Sum of GTIs [s]
			ontime6	5863.4525950253	Sum of GTIs [s]
			ontime7	7804.7999709249	Sum of GTIs [s]
			l1events	1418420	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	215432	221009	212061	215682	237593	316643	grade 0 events	99647	102001	99987	101114	108494	67431
rejected events	35183	34953	34460	36498	38614	42723		46%	46%	47%	46%	45%	21%
rejected %	16%	15%	16%	16%	16%	13%	grade 1 events	554	470	590	562	490	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	31576	33260	29500	30245	34313	60492
								14%	15%	13%	14%	14%	19%
							grade 3 events	11533	11530	11597	11592	12245	27383
								5%	5%	5%	5%	5%	8%
							grade 4 events	11385	11691	11576	11872	12241	27082
								5%	5%	5%	5%	5%	8%
							grade 5 events	2359	2485	2178	2458	2583	7750
								1%	1%	1%	1%	1%	2%
							grade 6 events	26108	27698	25053	24361	31785	91642
								12%	12%	11%	11%	13%	28%
							grade 7 events	32270	31874	31580	33478	35442	34663
								14%	14%	14%	15%	14%	10%

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	145.9452526585814	Alternating exposures requested	N	N
[deg] Pointing Dec	0	62.98578215395794	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	176.9516506370487			
[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)	192811871.188253	192811870.16354			
Observation start date	2004-02-10T14:51:11	2004-02-10T14:51:10			
[s] Observation end time (MET)	192832326.089148	192832325.06443			
Observation end date	2004-02-10T20:32:06	2004-02-10T20:32:05			
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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8047999709249

A.2 Comments