

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60295 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 14 2012

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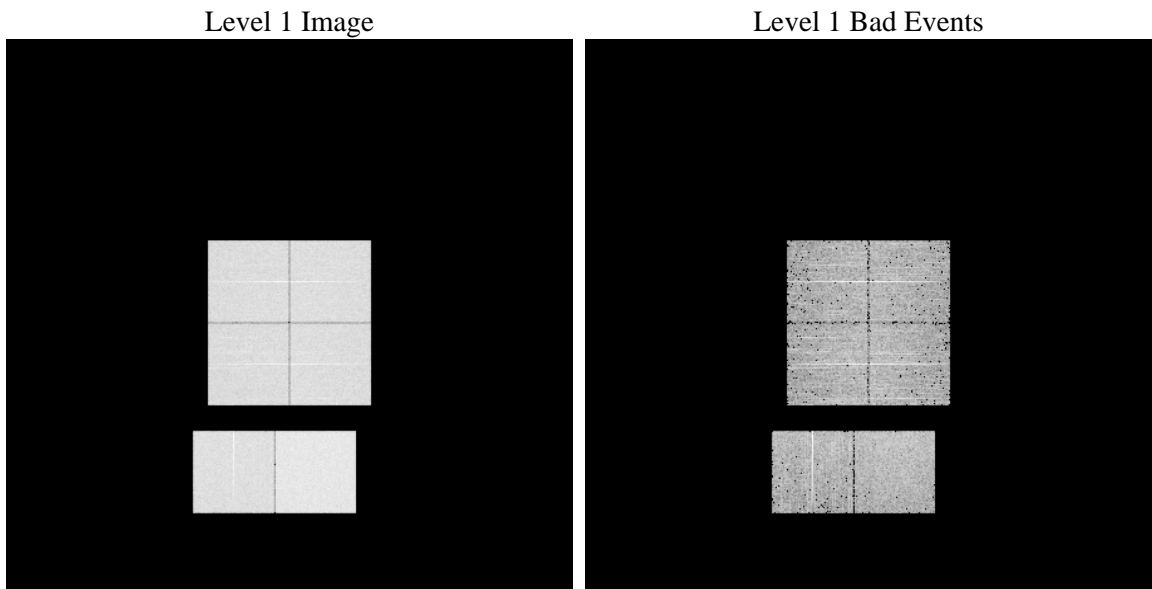
1 Front

seq_num	 	Sequence number
obs_id	60295	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	135.05423512354	Nominal RA [deg]
dec_nom	-63.014595341872	Nominal Dec [deg]
roll_nom	296.5302810038	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5762.13765046	Sum of GTIs [s]
livetime	5689.1739939871	Livetime [s]
ontime0	4261.5275036395	Sum of GTIs [s]
ontime1	4381.4024536908	Sum of GTIs [s]
ontime2	4086.9210612476	Sum of GTIs [s]
ontime3	4251.8868224025	Sum of GTIs [s]
ontime6	4514.2005531788	Sum of GTIs [s]
ontime7	5762.13765046	Sum of GTIs [s]
l2events	840558	Number of level 2 events

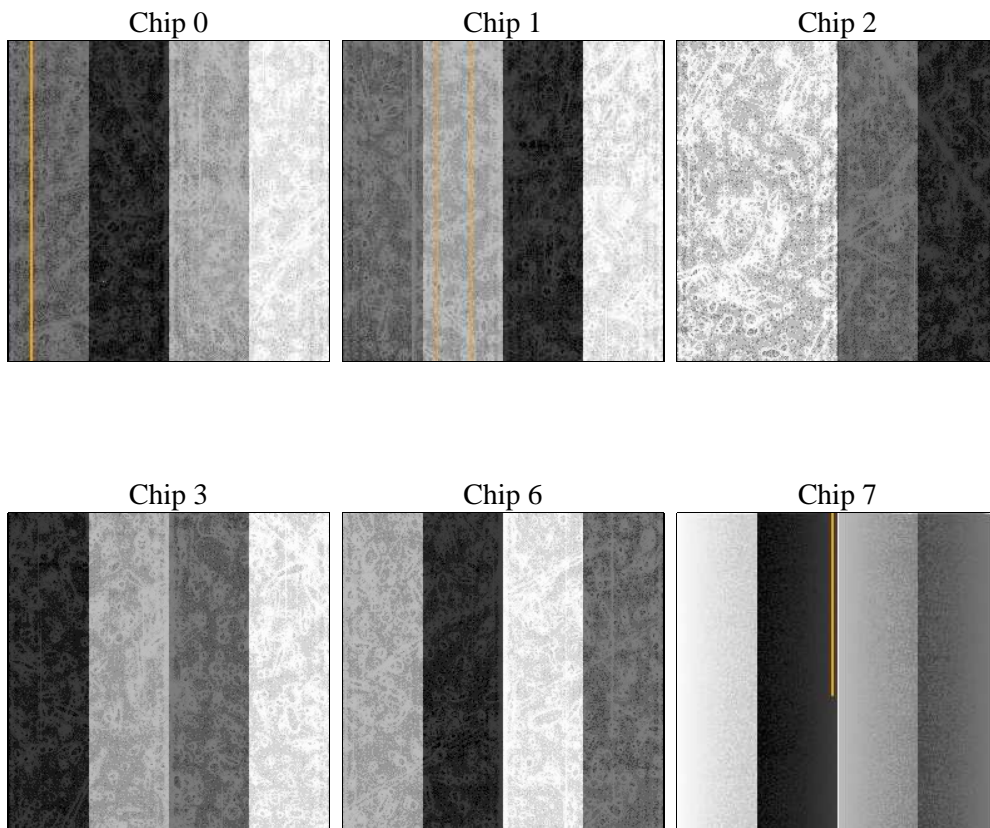
2 OBI

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	5762.13765046	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4261.5275036395	Sum of GTIs [s]
date	2012-11-14T08:39:22	Date and time of file creation	ontime1	4381.4024536908	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4086.9210612476	Sum of GTIs [s]
			ontime3	4251.8868224025	Sum of GTIs [s]
			ontime6	4514.2005531788	Sum of GTIs [s]
			ontime7	5762.13765046	Sum of GTIs [s]
			l1events	1054056	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	160244	165203	158594	164020	177908	228087	grade 0 events	73537	75242	72660	76515	80487	48267
rejected events	26585	27248	28836	28822	29216	31701		45%	45%	45%	46%	45%	21%
rejected %	16%	16%	18%	17%	16%	13%	grade 1 events	421	385	448	433	396	111
								0%	0%	0%	0%	0%	0%
							grade 2 events	23249	24722	21944	23024	25852	42916
								14%	14%	13%	14%	14%	18%
							grade 3 events	8754	8831	8355	8654	9166	19851
								5%	5%	5%	5%	5%	8%
							grade 4 events	8611	8757	8509	8669	9390	19589
								5%	5%	5%	5%	5%	8%
							grade 5 events	1782	1839	1697	1916	2107	5883
								1%	1%	1%	1%	1%	2%
							grade 6 events	19508	20403	18290	18336	23797	65961
								12%	12%	11%	11%	13%	28%
							grade 7 events	24382	25024	26691	26473	26713	25509
								15%	15%	16%	16%	15%	11%

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	135.0542351235445	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-63.01459534187171	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	296.5302810037975			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	197417171.790453	197417170.76546			
Observation start date	2004-04-03T22:06:12	2004-04-03T22:06:10			
[s] Observation end time (MET)	197439160.091418	197439159.06643			
Observation end date	2004-04-04T04:12:40	2004-04-04T04:12:39			
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)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.76213765046

A.2 Comments