

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60084 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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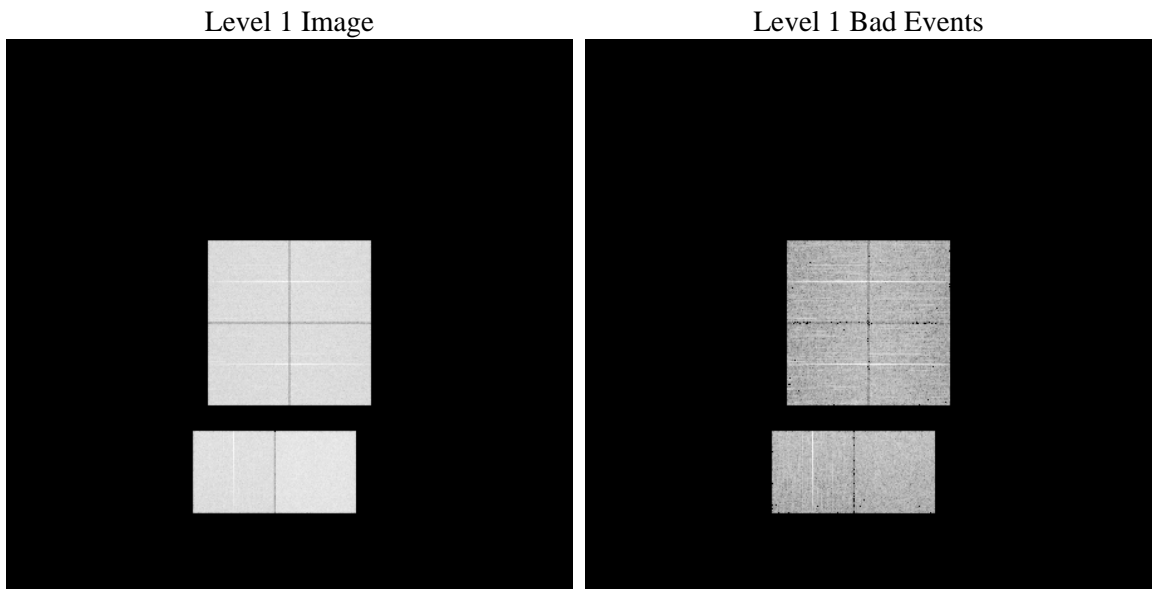
1 Front

seq_num	 	Sequence number
obs_id	60084	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	129.96592668662	Nominal RA [deg]
dec_nom	-33.000936950459	Nominal Dec [deg]
roll_nom	149.04416495891	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6096.8946421742	Sum of GTIs [s]
ontime1	6314.0395799279	Sum of GTIs [s]
ontime2	5908.9194833338	Sum of GTIs [s]
ontime3	5989.9430921078	Sum of GTIs [s]
ontime6	6502.0157449543	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1087117	Number of level 2 events

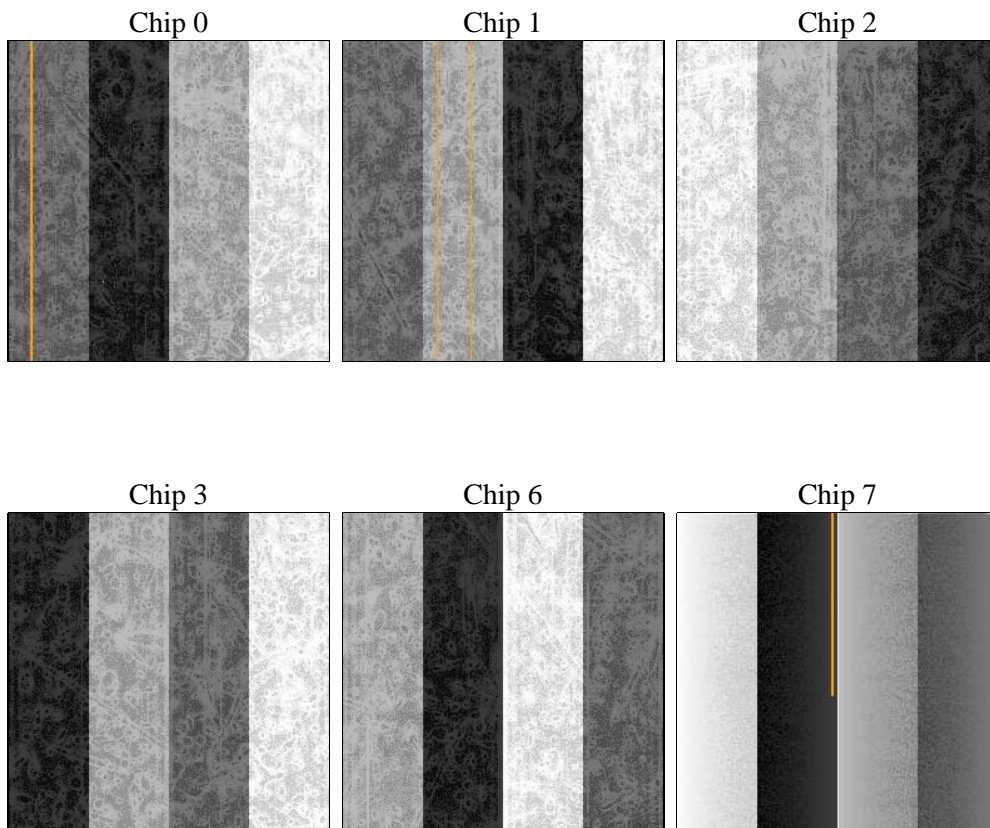
2 OBI

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	8.5	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6096.8946421742	Sum of GTIs [s]
date	2012-12-07T22:26:25	Date and time of file creation	ontime1	6314.0395799279	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5908.9194833338	Sum of GTIs [s]
			ontime3	5989.9430921078	Sum of GTIs [s]
			ontime6	6502.0157449543	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1412452	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	218084	224150	213985	218864	243399	293970	grade 0 events	95741	99160	95594	97213	106532	59257
rejected events	43825	43628	43052	45528	47719	47358		43%	44%	44%	44%	43%	20%
rejected %	20%	19%	20%	20%	19%	16%	grade 1 events	568	542	598	642	523	184
								0%	0%	0%	0%	0%	0%
							grade 2 events	30793	31883	29342	29652	33899	53986
								14%	14%	13%	13%	13%	18%
							grade 3 events	11224	11833	11122	11245	12138	24904
								5%	5%	5%	5%	4%	8%
							grade 4 events	11183	11499	11087	11348	12132	24241
								5%	5%	5%	5%	4%	8%
							grade 5 events	2783	2956	2658	2875	3130	8650
								1%	1%	1%	1%	1%	2%
							grade 6 events	25409	26245	23876	23963	31073	84337
								11%	11%	11%	10%	12%	28%
							grade 7 events	40383	40032	39708	41926	43972	38411
								18%	17%	18%	19%	18%	13%

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	129.9659266866213	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-33.00093695045918	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	149.044164958909			
[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)	209722432.635054	209722431.61008			
Observation start date	2004-08-24T08:13:53	2004-08-24T08:13:51			
[s] Observation end time (MET)	209736466.935678	209736465.9107			
Observation end date	2004-08-24T12:07:47	2004-08-24T12:07:45			
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)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments