

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59982 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 10 2012

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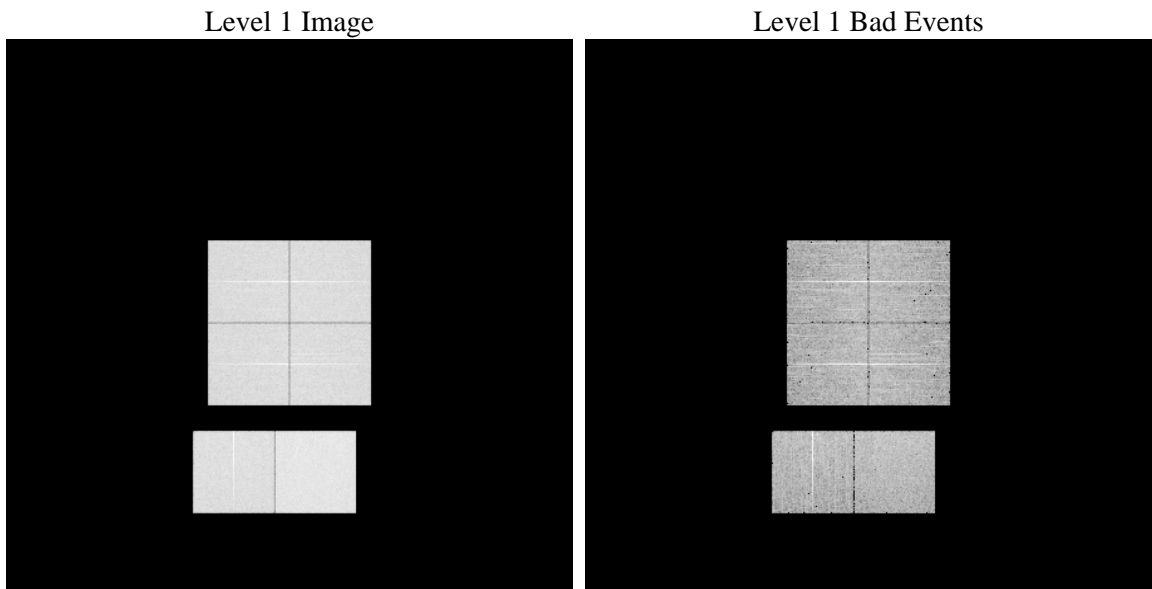
1 Front

seq_num	 	Sequence number
obs_id	59982	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	40.01004329473	Nominal RA [deg]
dec_nom	10.026837695373	Nominal Dec [deg]
roll_nom	36.918243674737	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.8513794541	Sum of GTIs [s]
livetime	7699.1102899851	Livetime [s]
ontime0	5979.6694154441	Sum of GTIs [s]
ontime1	6086.0362445414	Sum of GTIs [s]
ontime2	5849.4039056003	Sum of GTIs [s]
ontime3	5999.11504668	Sum of GTIs [s]
ontime6	6306.3400238454	Sum of GTIs [s]
ontime7	7797.8513794541	Sum of GTIs [s]
l2events	1075998	Number of level 2 events

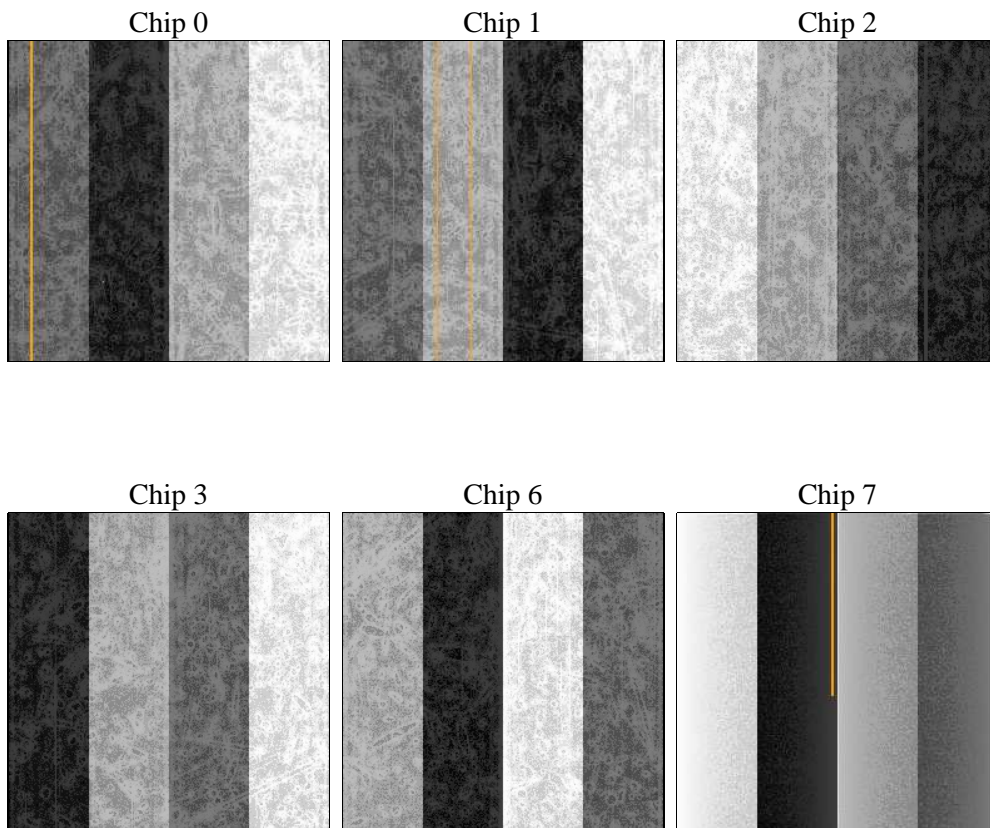
2 OBI

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	7797.8513794541	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	5979.6694154441	Sum of GTIs [s]
date	2012-12-11T00:56:18	Date and time of file creation	ontime1	6086.0362445414	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5849.4039056003	Sum of GTIs [s]
			ontime3	5999.11504668	Sum of GTIs [s]
			ontime6	6306.3400238454	Sum of GTIs [s]
			ontime7	7797.8513794541	Sum of GTIs [s]
			l1events	1413260	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	217471	220192	215317	220466	240053	299761	grade 0 events	93818	94815	94783	96711	102575	60100
rejected events	46094	45594	45546	46651	49269	50805		43%	43%	44%	43%	42%	20%
rejected %	21%	20%	21%	21%	20%	16%	grade 1 events	594	547	686	617	564	231
								0%	0%	0%	0%	0%	0%
							grade 2 events	29945	31173	28671	29566	33047	54508
								13%	14%	13%	13%	13%	18%
							grade 3 events	11130	11187	11063	11297	11919	24615
								5%	5%	5%	5%	4%	8%
							grade 4 events	10898	11147	10886	11595	11891	24583
								5%	5%	5%	5%	4%	8%
							grade 5 events	2845	2881	2636	3020	3225	9083
								1%	1%	1%	1%	1%	3%
							grade 6 events	25586	26276	24368	24646	31352	85150
								11%	11%	11%	11%	13%	28%
							grade 7 events	42655	42166	42224	43014	45480	41491
								19%	19%	19%	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	40.01004329472994	Alternating exposures requested	N	N
[deg] Pointing Dec	0	10.02683769537252	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	36.91824367473662			
[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)	215662437.05049	215662436.02548			
Observation start date	2004-11-01T02:13:57	2004-11-01T02:13:56			
[s] Observation end time (MET)	215697643.75207	215697642.72706			
Observation end date	2004-11-01T12:00:44	2004-11-01T12:00:42			
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)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7978513794541

A.2 Comments