

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59585 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 2012

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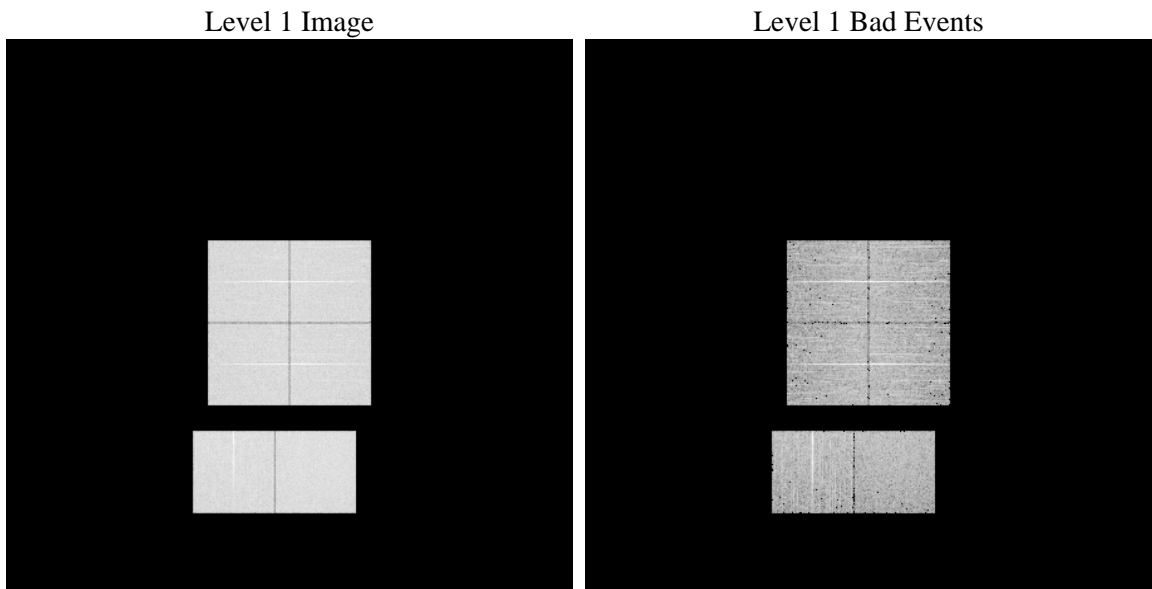
1 Front

seq_num	 	Sequence number
obs_id	59585	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	106.57577663709	Nominal RA [deg]
dec_nom	-24.218168357605	Nominal Dec [deg]
roll_nom	186.56886193326	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5560.2501492798	Sum of GTIs [s]
livetime	5489.842913909	Livetime [s]
ontime0	5294.532574445	Sum of GTIs [s]
ontime1	5362.6334320903	Sum of GTIs [s]
ontime2	5187.6628852189	Sum of GTIs [s]
ontime3	5219.9083677232	Sum of GTIs [s]
ontime6	5503.2627038658	Sum of GTIs [s]
ontime7	5560.2501492798	Sum of GTIs [s]
l2events	735721	Number of level 2 events

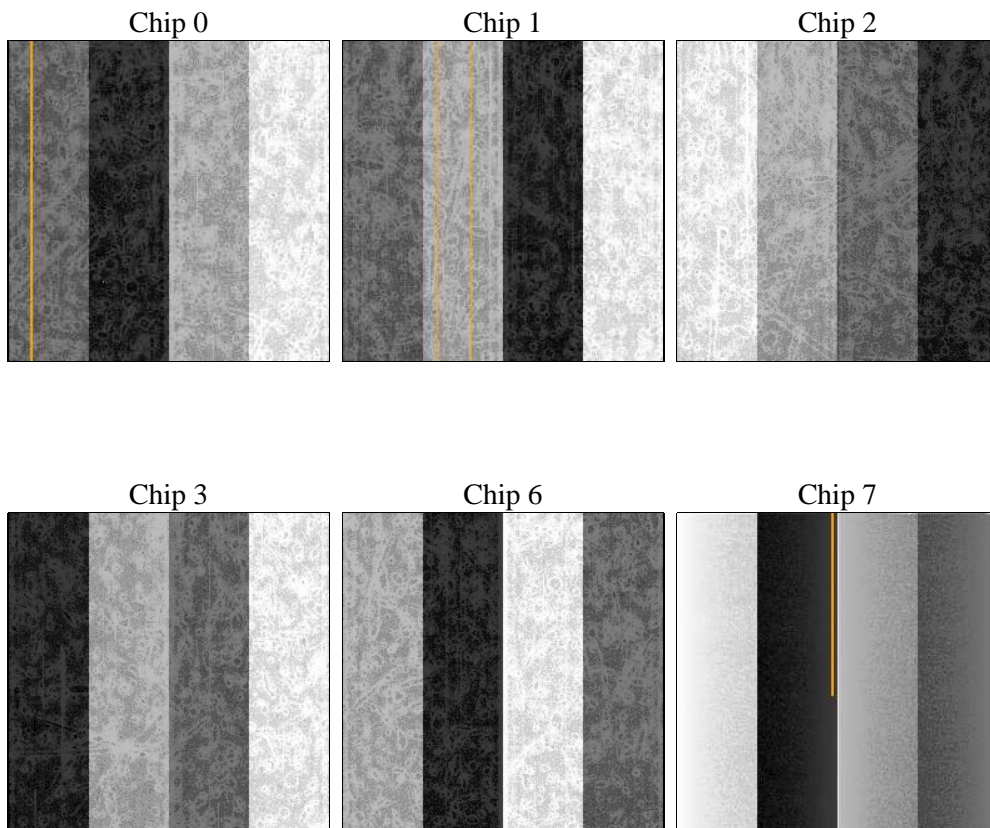
2 OBI

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	8.5.1.1	Processing system revision	ontime	5560.2501492798	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	5294.532574445	Sum of GTIs [s]
date	2012-12-25T23:43:55	Date and time of file creation	ontime1	5362.6334320903	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5187.6628852189	Sum of GTIs [s]
			ontime3	5219.9083677232	Sum of GTIs [s]
			ontime6	5503.2627038658	Sum of GTIs [s]
			ontime7	5560.2501492798	Sum of GTIs [s]
			l1events	1007240	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	161507	163351	161012	162348	176299	182723	grade 0 events	67744	67943	67872	68199	72557	34463
rejected events	37966	38505	39187	40144	41821	35762		41%	41%	42%	42%	41%	18%
rejected %	23%	23%	24%	24%	23%	19%	grade 1 events	421	358	447	421	368	114
								0%	0%	0%	0%	0%	0%
							grade 2 events	21708	22455	20611	20910	23268	32212
								13%	13%	12%	12%	13%	17%
							grade 3 events	7993	8069	8029	8081	8445	14543
								4%	4%	4%	4%	4%	7%
							grade 4 events	7978	8042	8060	7880	8405	14470
								4%	4%	5%	4%	4%	7%
							grade 5 events	2370	2394	2233	2503	2644	6204
								1%	1%	1%	1%	1%	3%
							grade 6 events	18118	18337	17253	17134	21884	51273
								11%	11%	10%	10%	12%	28%
							grade 7 events	35175	35753	36507	37220	38728	29444
								21%	21%	22%	22%	21%	16%

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	106.5757766370901	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-24.21816835760473	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	186.5688619332641			
[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)	236678695.652242	236678694.62724			
Observation start date	2005-07-02T08:04:56	2005-07-02T08:04:54			
[s] Observation end time (MET)	236719004.804085	236719003.77908			
Observation end date	2005-07-02T19:16:45	2005-07-02T19:16:43			
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)	2013.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5602501492798

A.2 Comments