

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57950 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 10 2012

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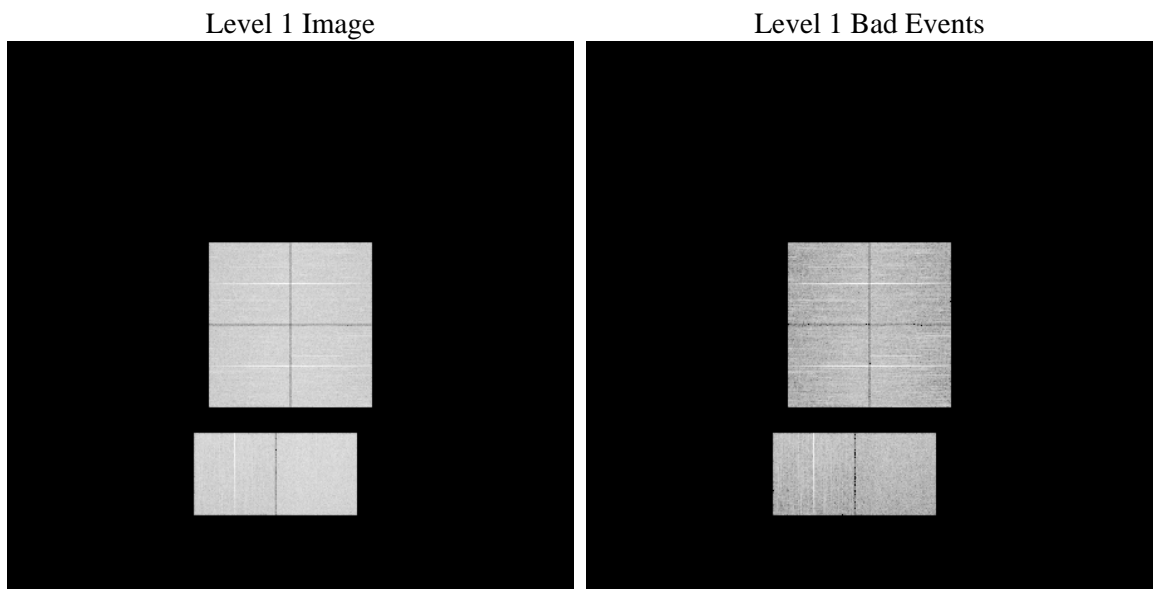
1 Front

seq_num	 	Sequence number
obs_id	57950	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	164.96563180879	Nominal RA [deg]
dec_nom	34.994324589576	Nominal Dec [deg]
roll_nom	158.52325258572	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	626061	Number of level 2 events

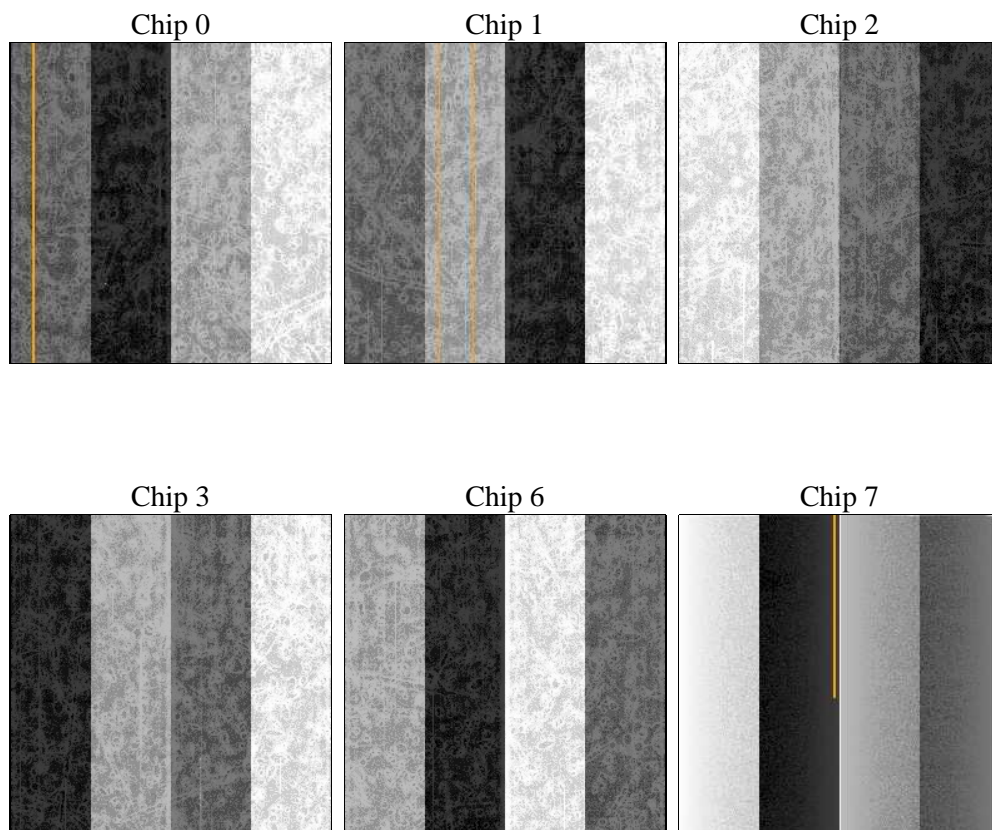
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-05-10T11:40:51	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	1087136	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	170765	173090	176354	182026	180802	204099	grade 0 events	55494	55297	57031	57683	57219	28175
rejected events	67892	69481	72677	77301	73015	65752		32%	31%	32%	31%	31%	13%
rejected %	39%	40%	41%	42%	40%	32%	grade 1 events	389	356	391	447	324	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	18265	18924	17711	18108	19093	30354
								10%	10%	10%	9%	10%	14%
							grade 3 events	6786	6784	7046	7019	7028	13172
								3%	3%	3%	3%	3%	6%
							grade 4 events	6832	6924	6944	6940	6942	13034
								4%	4%	3%	3%	3%	6%
							grade 5 events	3893	4202	3780	4398	4311	10884
								2%	2%	2%	2%	2%	5%
							grade 6 events	15541	15720	14982	15009	17545	53671
								9%	9%	8%	8%	9%	26%
							grade 7 events	63565	64883	68469	72422	68340	54628
								37%	37%	38%	39%	37%	26%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	164.9656318087866
[deg] Pointing Dec	0	34.99432458957553
[deg] Pointing Roll	0.0	158.5232525857182
[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)	320105095.737103	320105094.7121
Observation start date	2008-02-22T22:04:56	2008-02-22T22:04:54
[s] Observation end time (MET)	320128232.038226	320128231.01323
Observation end date	2008-02-23T04:30:32	2008-02-23T04:30:31
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments