

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58372 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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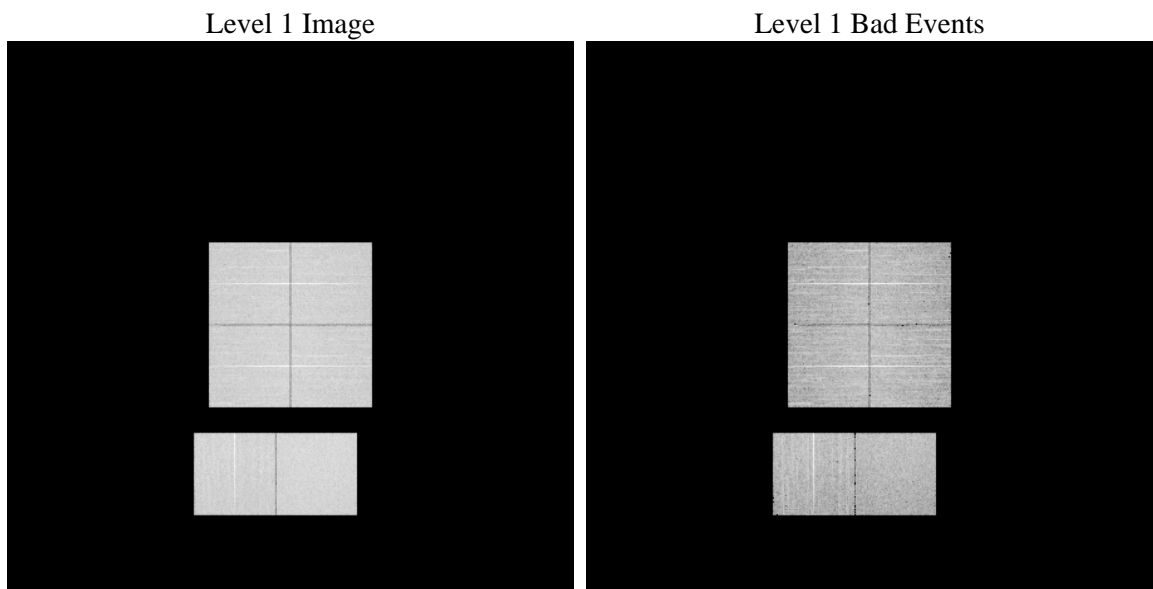
1 Front

seq_num	 	Sequence number
obs_id	58372	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	269.97145335969	Nominal RA [deg]
dec_nom	-0.99632740822913	Nominal Dec [deg]
roll_nom	139.68637661484	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7605.5059615374	Sum of GTIs [s]
livetime	7509.2004655665	Livetime [s]
ontime0	7602.2239313126	Sum of GTIs [s]
ontime1	7602.1828813553	Sum of GTIs [s]
ontime2	7605.3828415275	Sum of GTIs [s]
ontime3	7605.5470015407	Sum of GTIs [s]
ontime6	7605.3418015242	Sum of GTIs [s]
ontime7	7605.5059615374	Sum of GTIs [s]
l2events	674967	Number of level 2 events

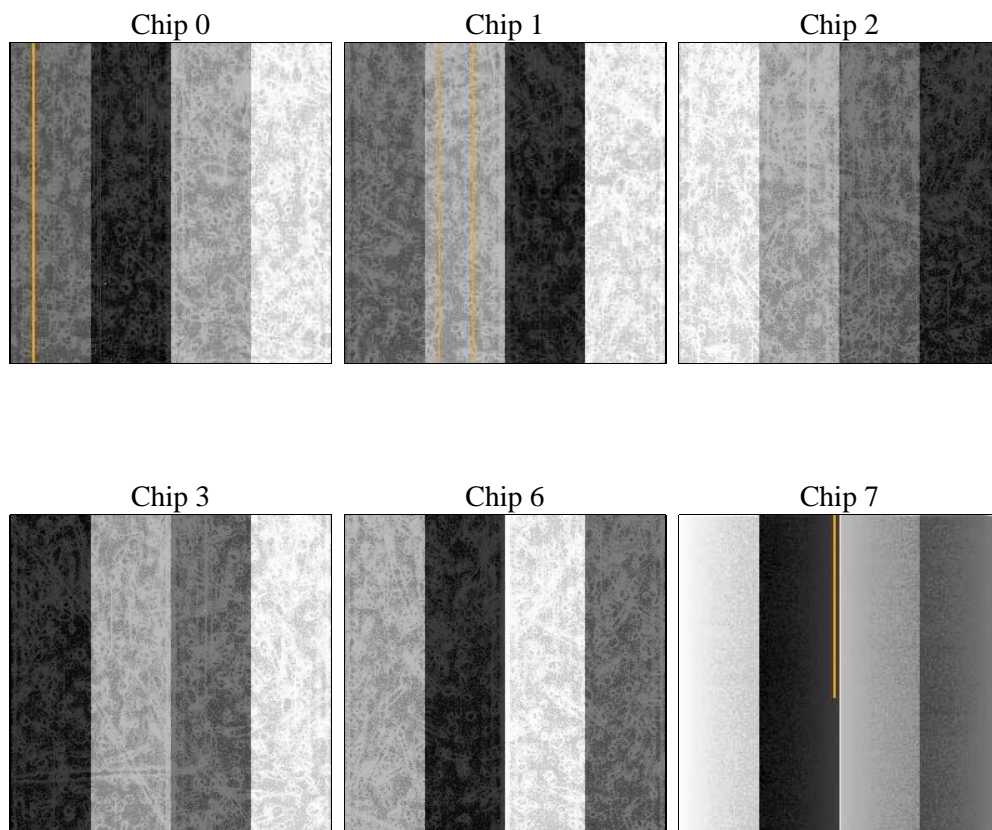
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	6420	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7605.5059615374	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7602.2239313126	Sum of GTIs [s]
date	2012-04-25T21:21:19	Date and time of file creation	ontime1	7602.1828813553	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7605.3828415275	Sum of GTIs [s]
			ontime3	7605.5470015407	Sum of GTIs [s]
			ontime6	7605.3418015242	Sum of GTIs [s]
			ontime7	7605.5059615374	Sum of GTIs [s]
			l1events	1124041	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	178661	178308	184721	185310	189168	207873	grade 0 events	62402	61509	63847	63967	64084	31308
rejected events	66492	66433	71810	72241	71759	63381		34%	34%	34%	34%	33%	15%
rejected %	37%	37%	38%	38%	37%	30%	grade 1 events	421	390	486	467	376	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	20379	20968	20029	20012	21192	32273
								11%	11%	10%	10%	11%	15%
							grade 3 events	7473	7409	7685	7731	7673	14618
								4%	4%	4%	4%	4%	7%
							grade 4 events	7584	7570	7764	7752	7735	14434
								4%	4%	4%	4%	4%	6%
							grade 5 events	3671	3903	3498	4177	4009	9980
								2%	2%	1%	2%	2%	4%
							grade 6 events	17122	17281	16457	16376	19695	55437
								9%	9%	8%	8%	10%	26%
							grade 7 events	59609	59278	64955	64828	64404	49623
								33%	33%	35%	34%	34%	23%

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	269.9714535984194	269.9714533596865
[deg] Pointing Dec	-0.9963275290245756	-0.9963274082291318
[deg] Pointing Roll	139.6863766880319	139.6863766148369
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	297221375.134339	297221375.134339
Observation start date	2007-06-03T02:05:00	2007-06-03T01:29:35
[s] Observation end time (MET)	297230893.865714	297230893.865714
Observation end date	2007-06-03T03:52:00	2007-06-03T04:08:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6055059615374

A.2 Comments