

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58312 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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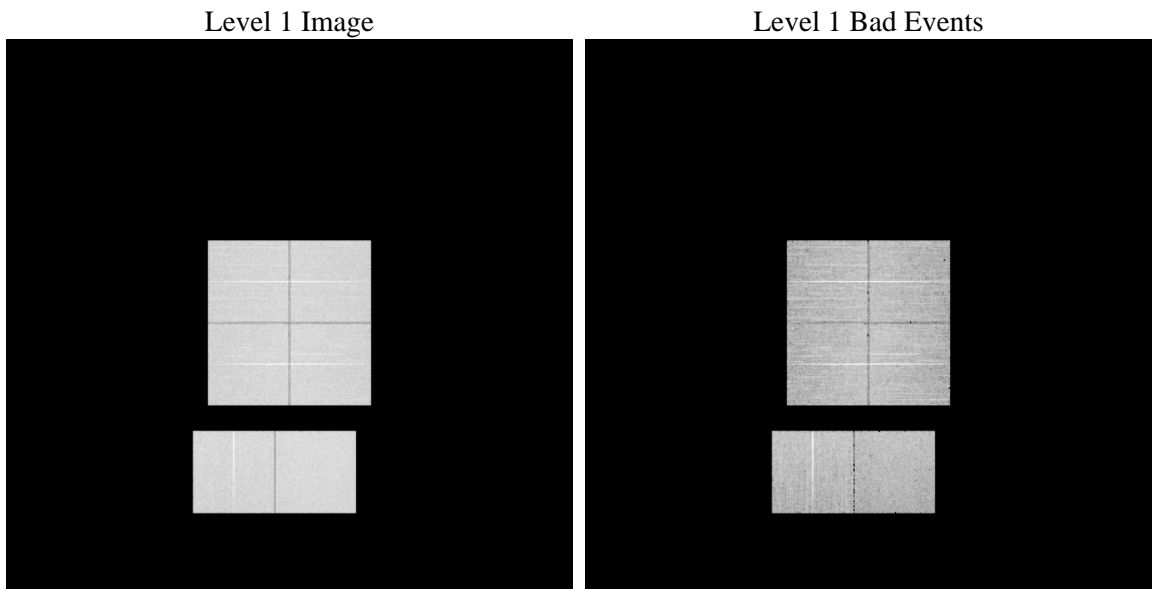
1 Front

seq_num	 	Sequence number
obs_id	58312	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	306.9715137311	Nominal RA [deg]
dec_nom	4.995500125809	Nominal Dec [deg]
roll_nom	156.06609672051	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8265.5999692678	Sum of GTIs [s]
livetime	8160.9359655102	Livetime [s]
ontime0	8265.5999692678	Sum of GTIs [s]
ontime1	8265.5999692678	Sum of GTIs [s]
ontime2	8265.5999692678	Sum of GTIs [s]
ontime3	8265.5999692678	Sum of GTIs [s]
ontime6	8265.5999692678	Sum of GTIs [s]
ontime7	8265.5999692678	Sum of GTIs [s]
l2events	794094	Number of level 2 events

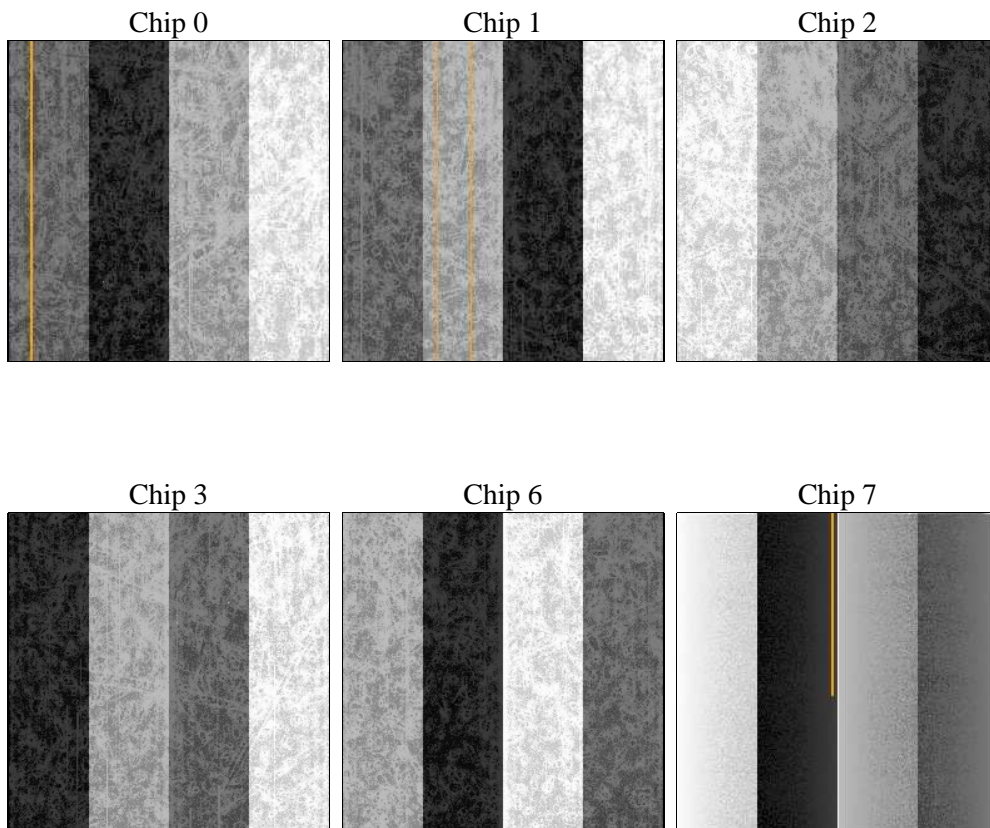
2 OBI

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	8.4.4	Processing system revision	ontime	8265.5999692678	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8265.5999692678	Sum of GTIs [s]
date	2012-04-28T02:45:24	Date and time of file creation	ontime1	8265.5999692678	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8265.5999692678	Sum of GTIs [s]
			ontime3	8265.5999692678	Sum of GTIs [s]
			ontime6	8265.5999692678	Sum of GTIs [s]
			ontime7	8265.5999692678	Sum of GTIs [s]
			l1events	1284898	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	207958	205359	210729	213306	217295	230251	grade 0 events	71548	70022	73595	74091	71772	34496
rejected events	75397	71732	77556	78581	79237	65406		34%	34%	34%	34%	33%	14%
rejected %	36%	34%	36%	36%	36%	28%	grade 1 events	541	433	572	608	439	152
								0%	0%	0%	0%	0%	0%
							grade 2 events	23442	25396	22034	22777	24626	36237
								11%	12%	10%	10%	11%	15%
							grade 3 events	8526	8391	8649	8813	8390	14932
								4%	4%	4%	4%	3%	6%
							grade 4 events	8417	8442	8838	8851	8644	14993
								4%	4%	4%	4%	3%	6%
							grade 5 events	3954	4106	3819	4451	4348	10446
								1%	1%	1%	2%	2%	4%
							grade 6 events	20628	21376	20057	20193	24626	64187
								9%	10%	9%	9%	11%	27%
							grade 7 events	70902	67193	73165	73522	74450	54808
								34%	32%	34%	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	0	306.9715137310997
[deg] Pointing Dec	0	4.995500125809047
[deg] Pointing Roll	0.0	156.066096720508
[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)	300919239.111302	300919238.0863
Observation start date	2007-07-15T20:40:39	2007-07-15T20:40:38
[s] Observation end time (MET)	300940548.862323	300940547.83732
Observation end date	2007-07-16T02:35:49	2007-07-16T02:35:47
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)	2012.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2655999692678

A.2 Comments