

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 62841 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 6 2012

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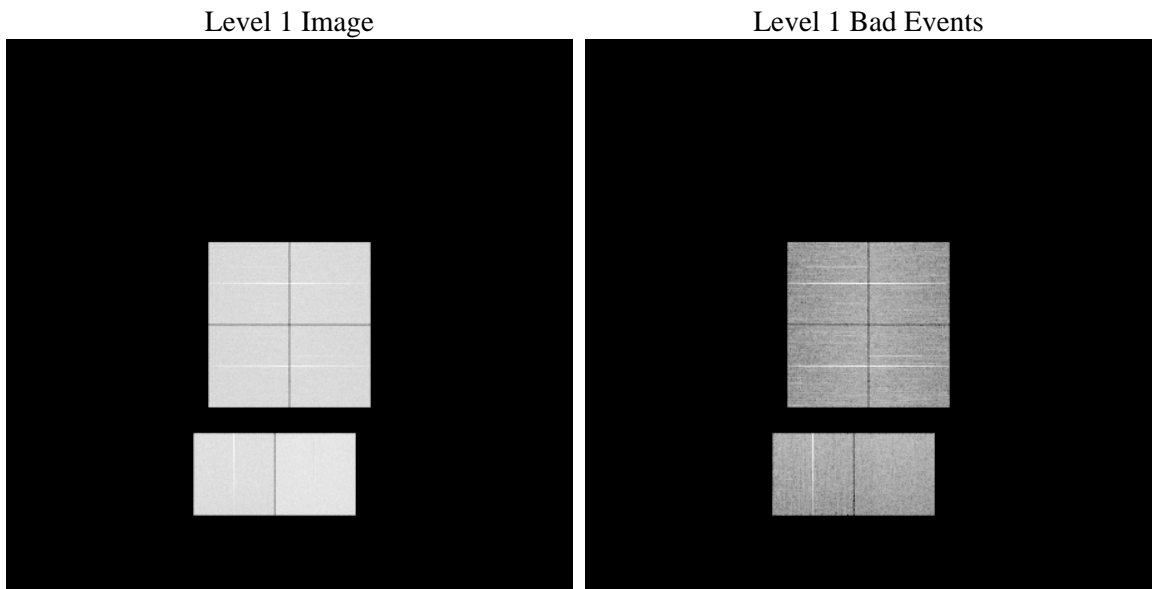
1 Front

seq_num	 	Sequence number
obs_id	62841	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	329.16006970093	Nominal RA [deg]
dec_nom	-4.7773888169737	Nominal Dec [deg]
roll_nom	127.06584659389	Nominal Roll [deg]
revision	3	Processing version of data
ontime	22907.423308402	Sum of GTIs [s]
livetime	22617.355721277	Livetime [s]
ontime0	18243.662427843	Sum of GTIs [s]
ontime1	18545.063553661	Sum of GTIs [s]
ontime2	17550.043099105	Sum of GTIs [s]
ontime3	17763.997690022	Sum of GTIs [s]
ontime6	19384.393270195	Sum of GTIs [s]
ontime7	22907.423308402	Sum of GTIs [s]
l2events	3270278	Number of level 2 events

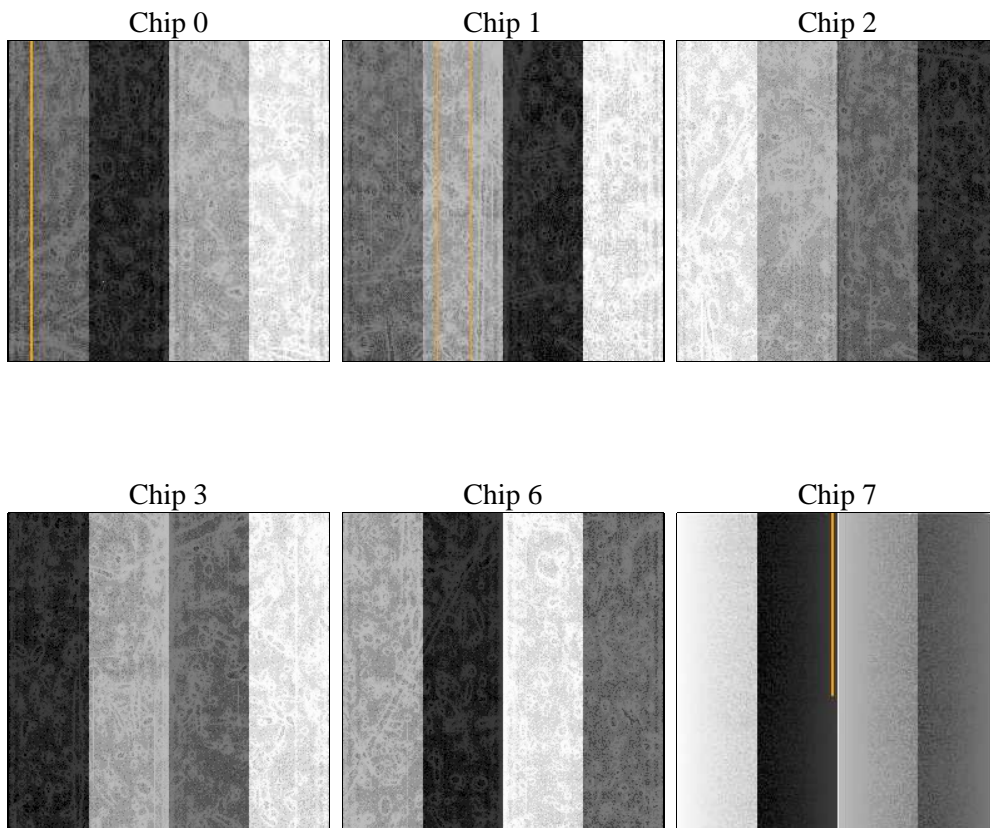
2 OBI

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	22907.423308402	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	18243.662427843	Sum of GTIs [s]
date	2012-12-06T15:06:58	Date and time of file creation	ontime1	18545.063553661	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	17550.043099105	Sum of GTIs [s]
			ontime3	17763.997690022	Sum of GTIs [s]
			ontime6	19384.393270195	Sum of GTIs [s]
			ontime7	22907.423308402	Sum of GTIs [s]
			l1events	4094566	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	635096	648259	624892	636356	711321	838642	grade 0 events	292417	296897	289704	295465	322623	175926
rejected events	104102	105958	107639	111068	117585	117053		46%	45%	46%	46%	45%	20%
rejected %	16%	16%	17%	17%	16%	13%	grade 1 events	1573	1380	1615	1686	1517	493
								0%	0%	0%	0%	0%	0%
							grade 2 events	92988	96745	87880	89375	102511	158337
								14%	14%	14%	14%	14%	18%
							grade 3 events	34572	34616	33846	34054	36975	72212
								5%	5%	5%	5%	5%	8%
							grade 4 events	34018	34677	33411	34338	37208	72276
								5%	5%	5%	5%	5%	8%
							grade 5 events	7151	7302	6664	7533	8350	21471
								1%	1%	1%	1%	1%	2%
							grade 6 events	76999	79366	72412	72056	94419	242838
								12%	12%	11%	11%	13%	28%
							grade 7 events	95378	97276	99360	101849	107718	95089
								15%	15%	15%	16%	15%	11%

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	329.1600697009279
[deg] Pointing Dec	0	-4.77738881697371
[deg] Pointing Roll	0.0	127.0658465938896
[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)	207326183.428496	207326182.40349
Observation start date	2004-07-27T14:36:23	2004-07-27T14:36:22
[s] Observation end time (MET)	207351066.329602	207351065.3046
Observation end date	2004-07-27T21:31:06	2004-07-27T21:31:05
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.907423308402

A.2 Comments