

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60309 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 13 2012

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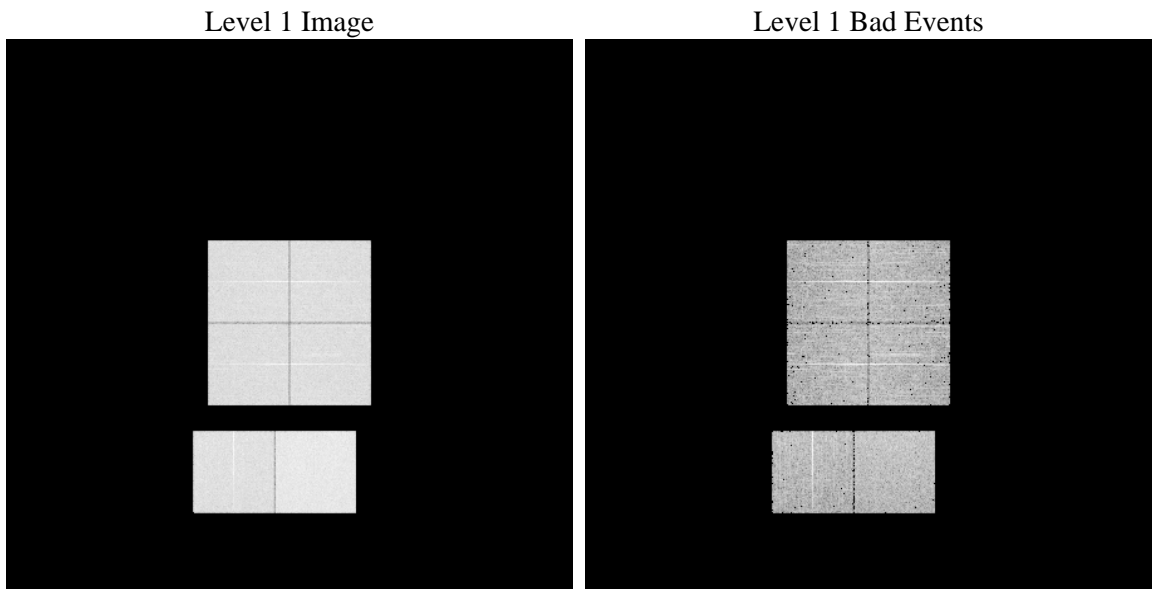
1 Front

seq_num	 	Sequence number
obs_id	60309	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	194.98840641061	Nominal RA [deg]
dec_nom	-3.973785887823	Nominal Dec [deg]
roll_nom	80.965648445953	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5692.7999787927	Sum of GTIs [s]
livetime	5620.7143176686	Livetime [s]
ontime0	4179.2679492235	Sum of GTIs [s]
ontime1	4172.7851818204	Sum of GTIs [s]
ontime2	3965.3640401065	Sum of GTIs [s]
ontime3	4078.7978109121	Sum of GTIs [s]
ontime6	4344.8644970953	Sum of GTIs [s]
ontime7	5692.7999787927	Sum of GTIs [s]
l2events	824516	Number of level 2 events

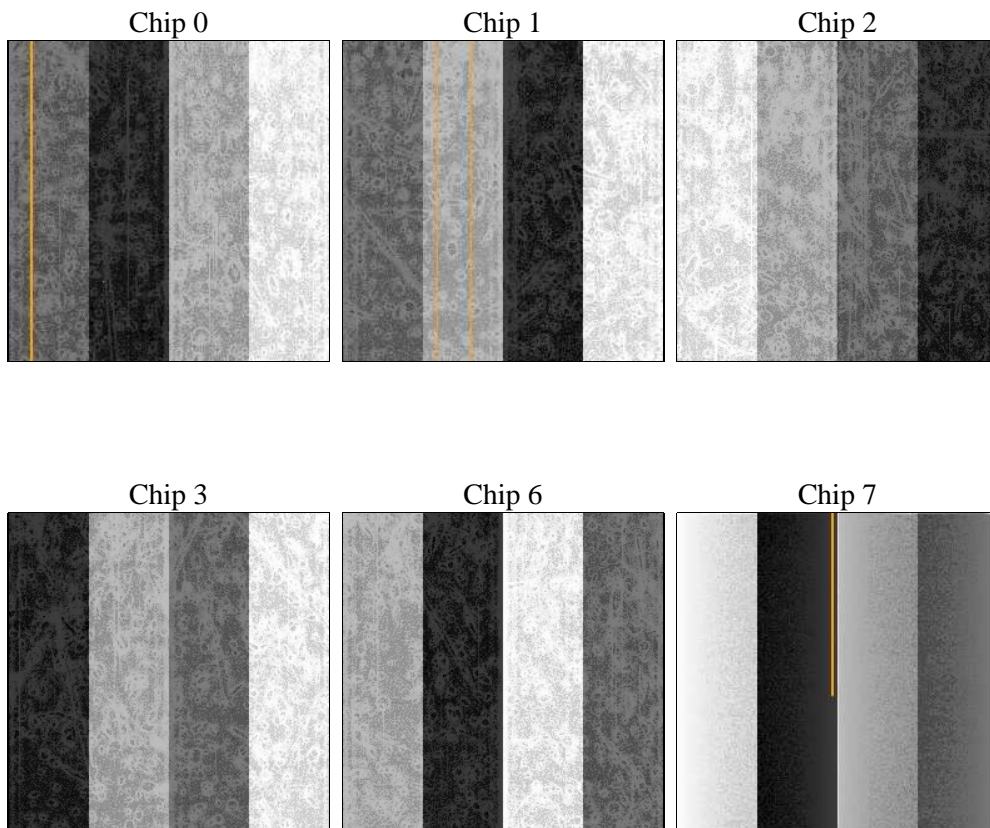
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5760	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5692.7999787927	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4179.2679492235	Sum of GTIs [s]
date	2012-11-14T02:10:08	Date and time of file creation	ontime1	4172.7851818204	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	3965.3640401065	Sum of GTIs [s]
			ontime3	4078.7978109121	Sum of GTIs [s]
			ontime6	4344.8644970953	Sum of GTIs [s]
			ontime7	5692.7999787927	Sum of GTIs [s]
			l1events	1064710	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	164024	164877	159340	165152	178471	232846	grade 0 events	74876	74478	73388	75376	80271	48849
rejected events	31038	32106	31792	33843	34051	37321		45%	45%	46%	45%	44%	20%
rejected %	18%	19%	19%	20%	19%	16%	grade 1 events	395	373	459	456	383	126
								0%	0%	0%	0%	0%	0%
							grade 2 events	23682	24250	21909	22873	25636	43909
								14%	14%	13%	13%	14%	18%
							grade 3 events	9001	8688	8505	8754	9289	20066
								5%	5%	5%	5%	5%	8%
							grade 4 events	8823	8752	8479	8769	9152	19906
								5%	5%	5%	5%	5%	8%
							grade 5 events	1827	1854	1803	1904	2176	6149
								1%	1%	1%	1%	1%	2%
							grade 6 events	19520	19732	18064	18457	23574	67249
								11%	11%	11%	11%	13%	28%
							grade 7 events	25900	26750	26733	28563	27990	26592
								15%	16%	16%	17%	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	194.9884020059342	194.9884064106093
[deg] Pointing Dec	-3.973813315855388	-3.973785887823029
[deg] Pointing Roll	80.96564813316886	80.96564844595345
[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)	196698572.958877	196698572.958877
Observation start date	2004-03-26T14:59:00	2004-03-26T14:29:32
[s] Observation end time (MET)	196705929.92111	196705929.92111
Observation end date	2004-03-26T16:35:00	2004-03-26T16:32:09
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6927999787927

A.2 Comments