

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60009 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 2012

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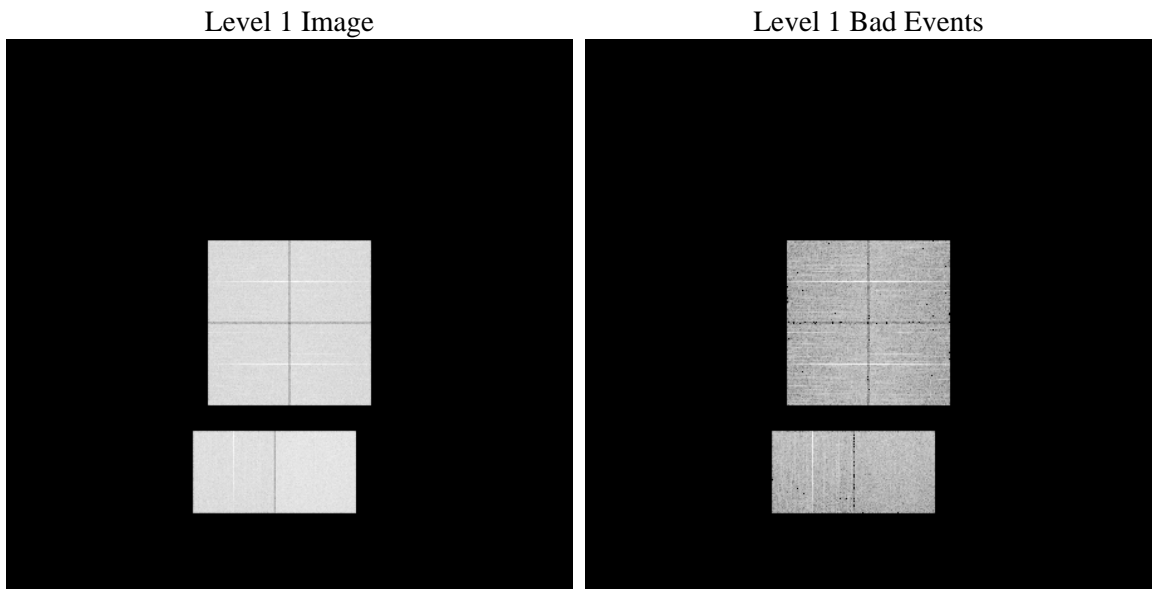
1 Front

seq_num	 	Sequence number
obs_id	60009	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	336.02173130315	Nominal RA [deg]
dec_nom	4.9794135564066	Nominal Dec [deg]
roll_nom	274.98557331995	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6181.1497678459	Sum of GTIs [s]
ontime1	6382.0906257927	Sum of GTIs [s]
ontime2	6006.1369214952	Sum of GTIs [s]
ontime3	6205.4652795494	Sum of GTIs [s]
ontime6	6595.9958437383	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1067272	Number of level 2 events

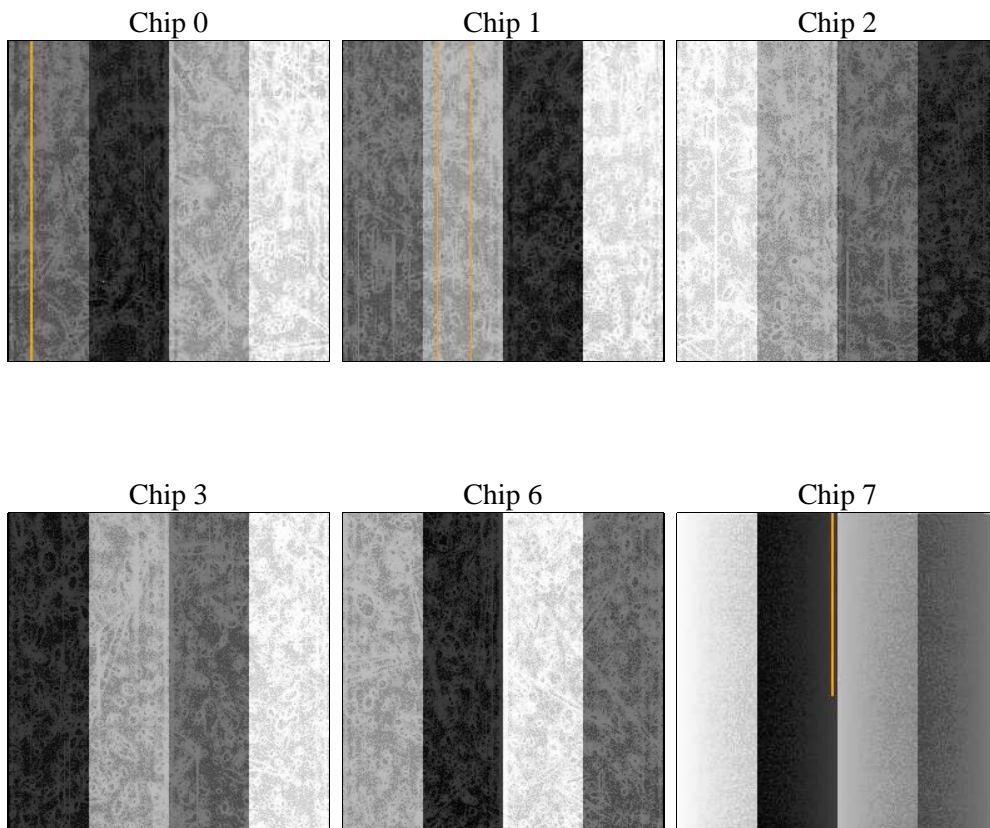
2 OBI

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	7798.3999709487	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6181.1497678459	Sum of GTIs [s]
date	2012-12-10T00:42:40	Date and time of file creation	ontime1	6382.0906257927	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6006.1369214952	Sum of GTIs [s]
			ontime3	6205.4652795494	Sum of GTIs [s]
			ontime6	6595.9958437383	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1412958	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	216727	222543	216816	221582	243403	291887	grade 0 events	93899	96742	93347	97068	103742	57827
rejected events	46121	45918	49659	48425	52164	50383		43%	43%	43%	43%	42%	19%
rejected %	21%	20%	22%	21%	21%	17%	grade 1 events	535	516	615	611	543	170
								0%	0%	0%	0%	0%	0%
							grade 2 events	29884	31652	28129	29456	33404	53240
								13%	14%	12%	13%	13%	18%
							grade 3 events	11140	11188	11206	11376	11871	24288
								5%	5%	5%	5%	4%	8%
							grade 4 events	11161	11194	10983	11455	11694	23782
								5%	5%	5%	5%	4%	8%
							grade 5 events	2927	2972	2695	3112	3339	8946
								1%	1%	1%	1%	1%	3%
							grade 6 events	24628	25924	23586	23802	30635	82489
								11%	11%	10%	10%	12%	28%
							grade 7 events	42553	42355	46255	44702	48175	41145
								19%	19%	21%	20%	19%	14%

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	336.021731303149
[deg] Pointing Dec	0	4.97941355640664
[deg] Pointing Roll	0.0	274.9855733199547
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	213829232.668386	213829231.64341
Observation start date	2004-10-10T21:00:33	2004-10-10T21:00:31
[s] Observation end time (MET)	213850189.819321	213850188.79435
Observation end date	2004-10-11T02:49:50	2004-10-11T02:49:48
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)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments