

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60981 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 16 2012

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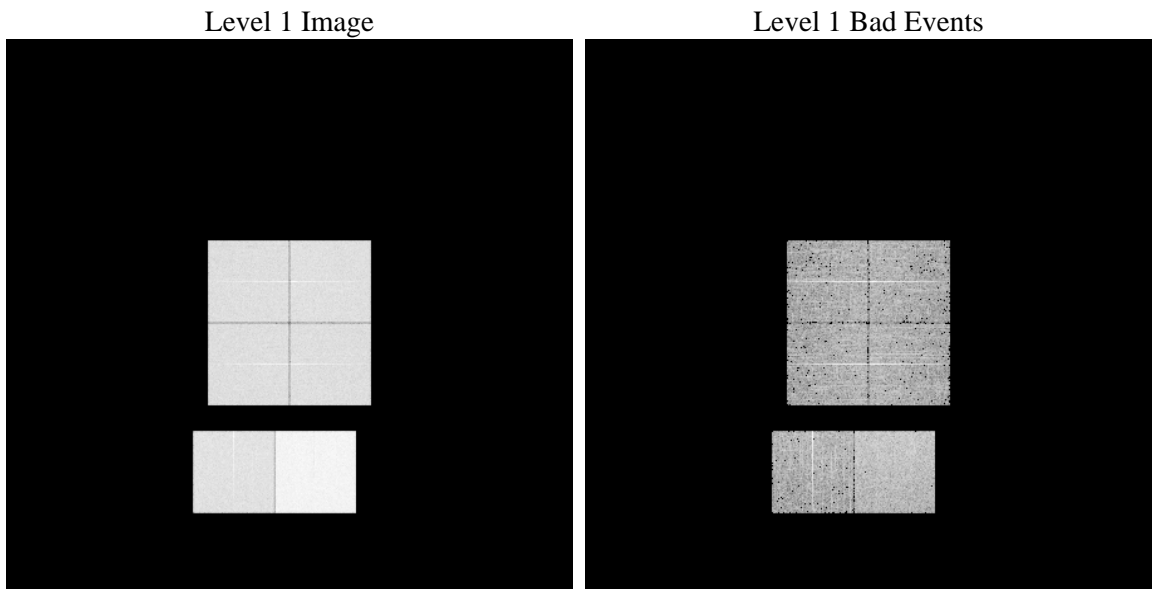
1 Front

seq_num	 	Sequence number
obs_id	60981	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	110.34071310508	Nominal RA [deg]
dec_nom	55.78337896507	Nominal Dec [deg]
roll_nom	92.278020494255	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.9999709725	Sum of GTIs [s]
livetime	7693.332975561	Livetime [s]
ontime0	3761.4553878307	Sum of GTIs [s]
ontime1	3899.5929795504	Sum of GTIs [s]
ontime2	3675.9631830156	Sum of GTIs [s]
ontime3	3672.721874088	Sum of GTIs [s]
ontime6	4016.2681179345	Sum of GTIs [s]
ontime7	7791.9999709725	Sum of GTIs [s]
l2events	1207841	Number of level 2 events

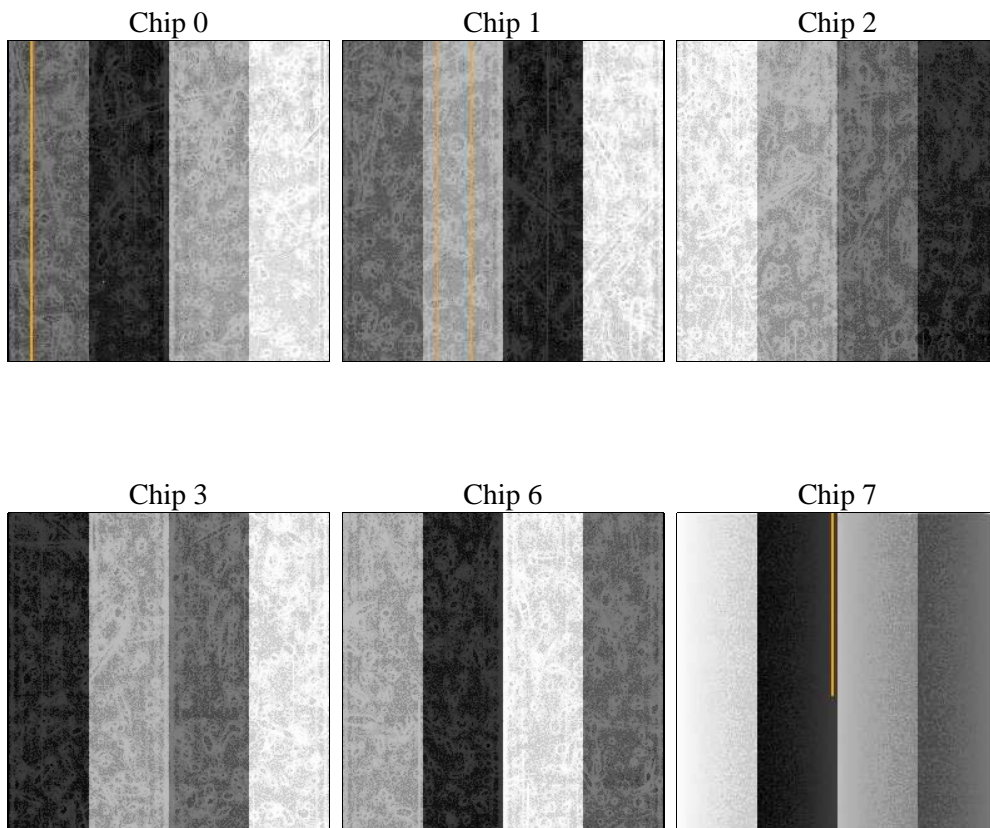
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7791.9999709725	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3761.4553878307	Sum of GTIs [s]
date	2012-10-16T22:28:58	Date and time of file creation	ontime1	3899.5929795504	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3675.9631830156	Sum of GTIs [s]
			ontime3	3672.721874088	Sum of GTIs [s]
			ontime6	4016.2681179345	Sum of GTIs [s]
			ontime7	7791.9999709725	Sum of GTIs [s]
			l1events	1433534	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	196860	204973	196432	197064	221516	416689	grade 0 events	94918	98480	95310	95863	105014	94934
rejected events	25054	25273	26086	26856	27729	40683		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	13%	13%	12%	9%	grade 1 events	507	468	586	585	510	243
								0%	0%	0%	0%	0%	0%
							grade 2 events	29995	31847	29185	29032	33318	83518
								15%	15%	14%	14%	15%	20%
							grade 3 events	10879	11360	11033	11033	12104	37806
								5%	5%	5%	5%	5%	9%
							grade 4 events	11043	11586	11078	10936	12158	37627
								5%	5%	5%	5%	5%	9%
							grade 5 events	1763	1777	1700	1880	1971	7871
								0%	0%	0%	0%	0%	1%
							grade 6 events	24971	26427	23740	23344	31193	122121
								12%	12%	12%	11%	14%	29%
							grade 7 events	22784	23028	23800	24391	25248	32569
								11%	11%	12%	12%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	110.3407131050837	Alternating exposures requested	N	N
[deg] Pointing Dec	0	55.7833789650701	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	92.27802049425458			
[mm] SIM focus pos	-0.782348	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	152145648.407771	152145647.38306			
Observation start date	2002-10-27T22:40:48	2002-10-27T22:40:47			
[s] Observation end time (MET)	152157401.05826	152157400.03355			
Observation end date	2002-10-28T01:56:41	2002-10-28T01:56:40			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999709725

A.2 Comments