

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60238 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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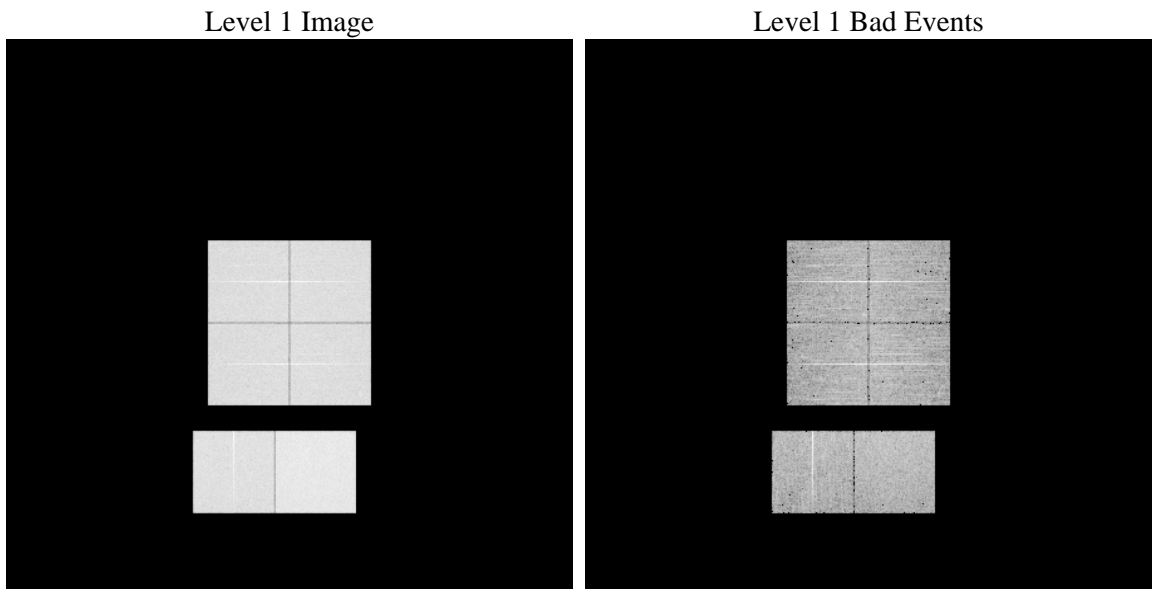
1 Front

seq_num	 	Sequence number
obs_id	60238	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	263.9834194012	Nominal RA [deg]
dec_nom	-21.97587352486	Nominal Dec [deg]
roll_nom	89.66208384302	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8462.2677733898	Sum of GTIs [s]
livetime	8355.1134434772	Livetime [s]
ontime0	6242.1993499994	Sum of GTIs [s]
ontime1	6332.946329385	Sum of GTIs [s]
ontime2	6054.9736649394	Sum of GTIs [s]
ontime3	6128.76454252	Sum of GTIs [s]
ontime6	6579.971219033	Sum of GTIs [s]
ontime7	8462.2677733898	Sum of GTIs [s]
l2events	1202092	Number of level 2 events

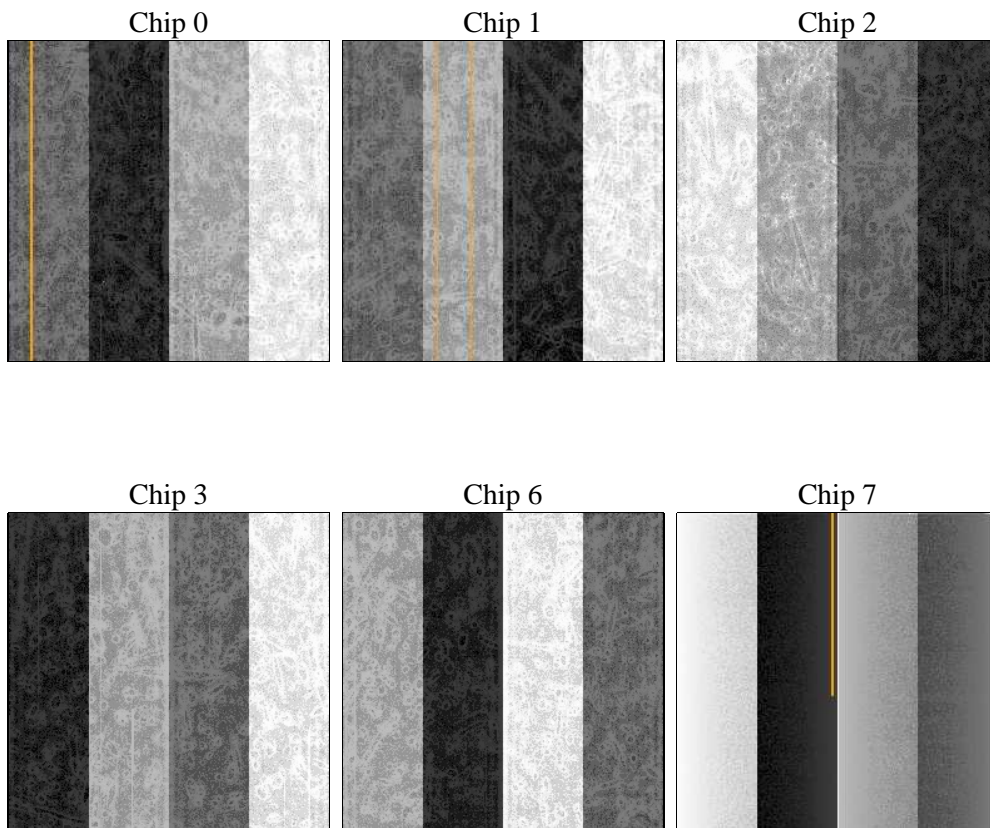
2 OBI

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	8.4.5	Processing system revision	ontime	8462.2677733898	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6242.1993499994	Sum of GTIs [s]
date	2012-12-01T08:35:39	Date and time of file creation	ontime1	6332.946329385	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6054.9736649394	Sum of GTIs [s]
			ontime3	6128.76454252	Sum of GTIs [s]
			ontime6	6579.971219033	Sum of GTIs [s]
			ontime7	8462.2677733898	Sum of GTIs [s]
			l1events	1533464	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	234497	237230	230991	235717	259439	335590	grade 0 events	105252	105823	105086	106980	115163	69303
rejected events	43247	43310	42724	45633	47595	50229		44%	44%	45%	45%	44%	20%
rejected %	18%	18%	18%	19%	18%	14%	grade 1 events	606	525	628	634	600	232
								0%	0%	0%	0%	0%	0%
							grade 2 events	33203	34309	32025	32481	36616	62646
								14%	14%	13%	13%	14%	18%
							grade 3 events	12460	12360	12387	12247	13325	28774
								5%	5%	5%	5%	5%	8%
							grade 4 events	12369	12515	12278	12354	13292	28567
								5%	5%	5%	5%	5%	8%
							grade 5 events	2834	2920	2697	2990	3245	9230
								1%	1%	1%	1%	1%	2%
							grade 6 events	27966	28913	26601	26022	33555	96071
								11%	12%	11%	11%	12%	28%
							grade 7 events	39807	39865	39289	42009	43643	40767
								16%	16%	17%	17%	16%	12%

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	263.9834194012033	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-21.97587352485965	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	89.66208384302043			
[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)	200620284.631569	200620283.60658			
Observation start date	2004-05-10T23:51:25	2004-05-10T23:51:23			
[s] Observation end time (MET)	200641594.382508	200641593.35752			
Observation end date	2004-05-11T05:46:34	2004-05-11T05:46:33			
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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4622677733898

A.2 Comments