

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59977 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 11 2012

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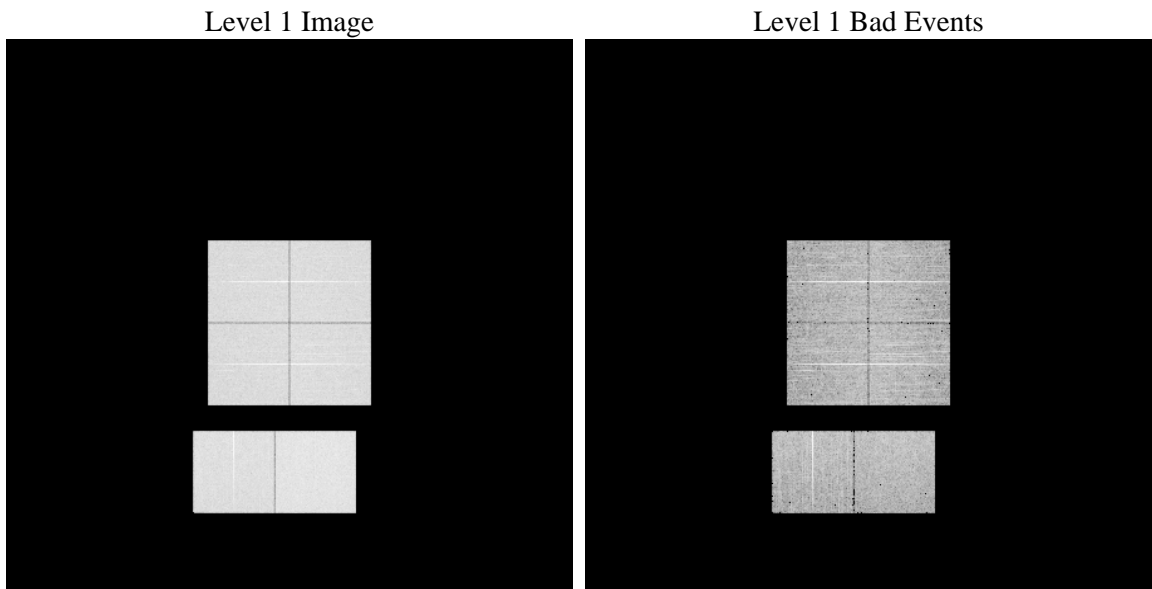
1 Front

seq_num	 	Sequence number
obs_id	59977	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	34.990856934931	Nominal RA [deg]
dec_nom	20.974767702041	Nominal Dec [deg]
roll_nom	233.80142414528	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6336.7221097648	Sum of GTIs [s]
ontime1	6453.3970396817	Sum of GTIs [s]
ontime2	6116.3357011676	Sum of GTIs [s]
ontime3	6262.1792849898	Sum of GTIs [s]
ontime6	6774.2531886995	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1063847	Number of level 2 events

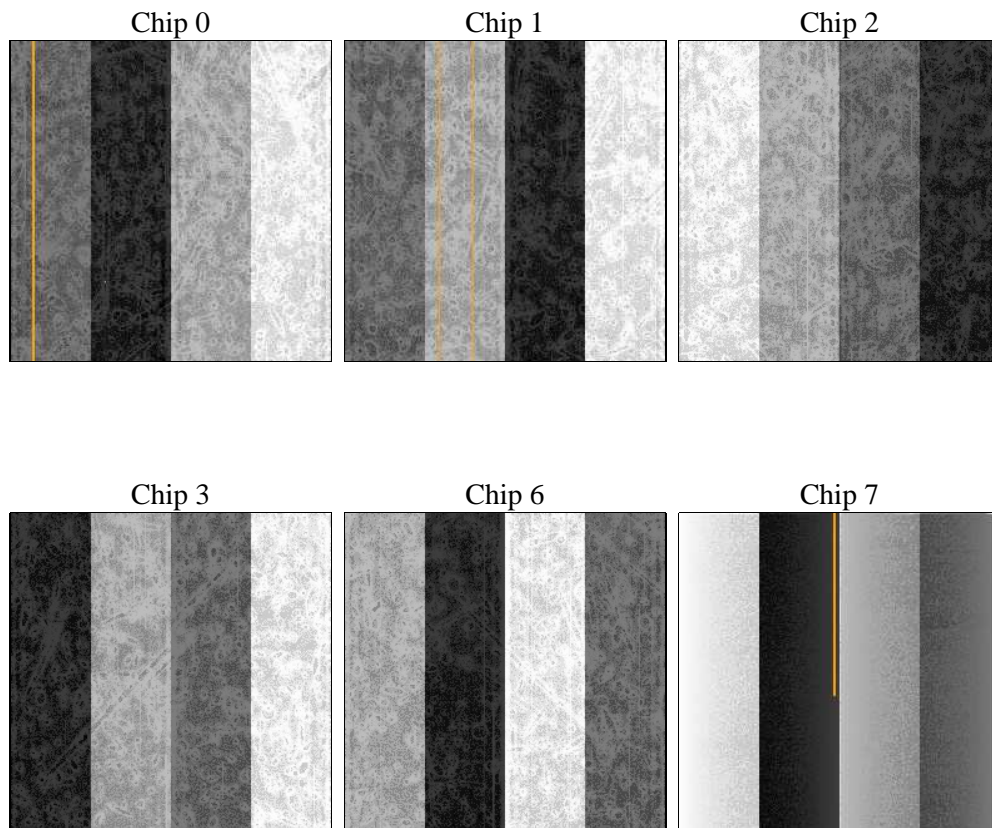
2 OBI

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	6336.7221097648	Sum of GTIs [s]
date	2012-12-11T06:29:55	Date and time of file creation	ontime1	6453.3970396817	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6116.3357011676	Sum of GTIs [s]
			ontime3	6262.1792849898	Sum of GTIs [s]
			ontime6	6774.2531886995	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1411977	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	218370	222220	214695	224931	244896	286865	grade 0 events	94408	95638	94226	96985	105164	56765
rejected events	46336	47153	47338	52330	51905	49962		43%	43%	43%	43%	42%	19%
rejected %	21%	21%	22%	23%	21%	17%	grade 1 events	587	522	606	629	538	188
								0%	0%	0%	0%	0%	0%
							grade 2 events	30021	31222	28319	29589	33187	52258
								13%	14%	13%	13%	13%	18%
							grade 3 events	11247	11218	10899	11177	12034	23891
								5%	5%	5%	4%	4%	8%
							grade 4 events	11288	11163	10888	11325	11977	23309
								5%	5%	5%	5%	4%	8%
							grade 5 events	2913	2957	2718	3085	3351	9115
								1%	1%	1%	1%	1%	3%
							grade 6 events	25153	25924	23107	23612	30719	80782
								11%	11%	10%	10%	12%	28%
							grade 7 events	42753	43576	43932	48529	47926	40557
								19%	19%	20%	21%	19%	14%

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	34.99085693493055	Alternating exposures requested	N	N
[deg] Pointing Dec	0	20.97476770204096	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	233.8014241452818			
[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)	216119373.87097	216119372.84596			
Observation start date	2004-11-06T09:09:34	2004-11-06T09:09:32			
[s] Observation end time (MET)	216133084.271585	216133083.24658			
Observation end date	2004-11-06T12:58:04	2004-11-06T12:58:03			
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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments