

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61736 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 16 2012

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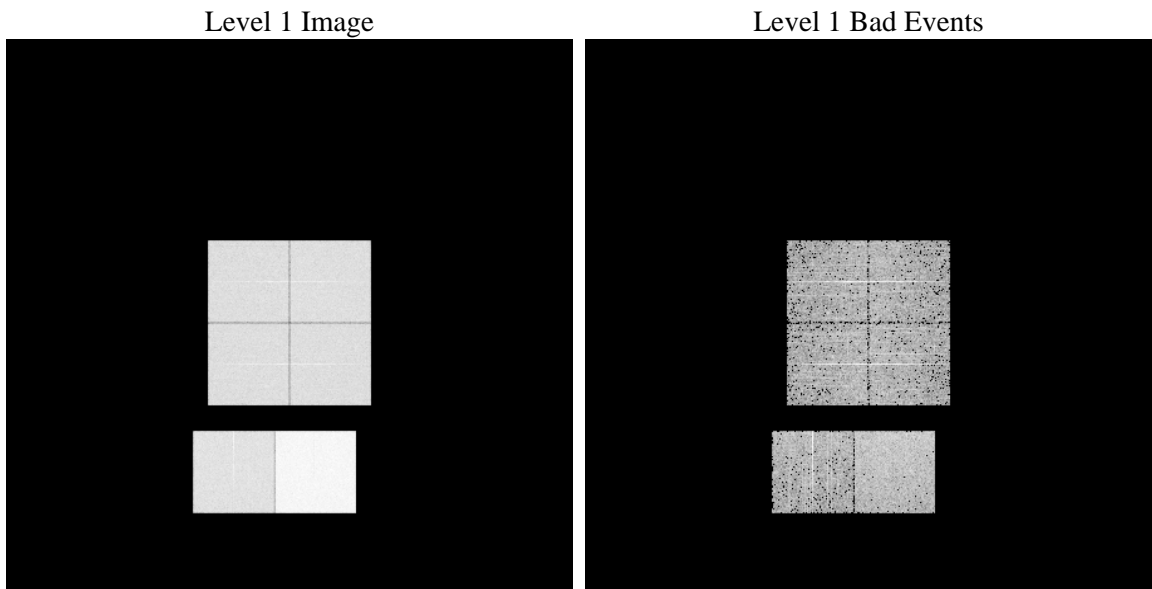
1 Front

seq_num	 	Sequence number
obs_id	61736	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	343.12295917022	Nominal RA [deg]
dec_nom	77.259676425872	Nominal Dec [deg]
roll_nom	347.00500088993	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5872.4714346379	Sum of GTIs [s]
livetime	5798.1106653547	Livetime [s]
ontime0	2430.7776507139	Sum of GTIs [s]
ontime1	2517.9657994509	Sum of GTIs [s]
ontime2	2385.403429836	Sum of GTIs [s]
ontime3	2378.7245188057	Sum of GTIs [s]
ontime6	2664.1316330731	Sum of GTIs [s]
ontime7	5872.4714346379	Sum of GTIs [s]
l2events	1241775	Number of level 2 events

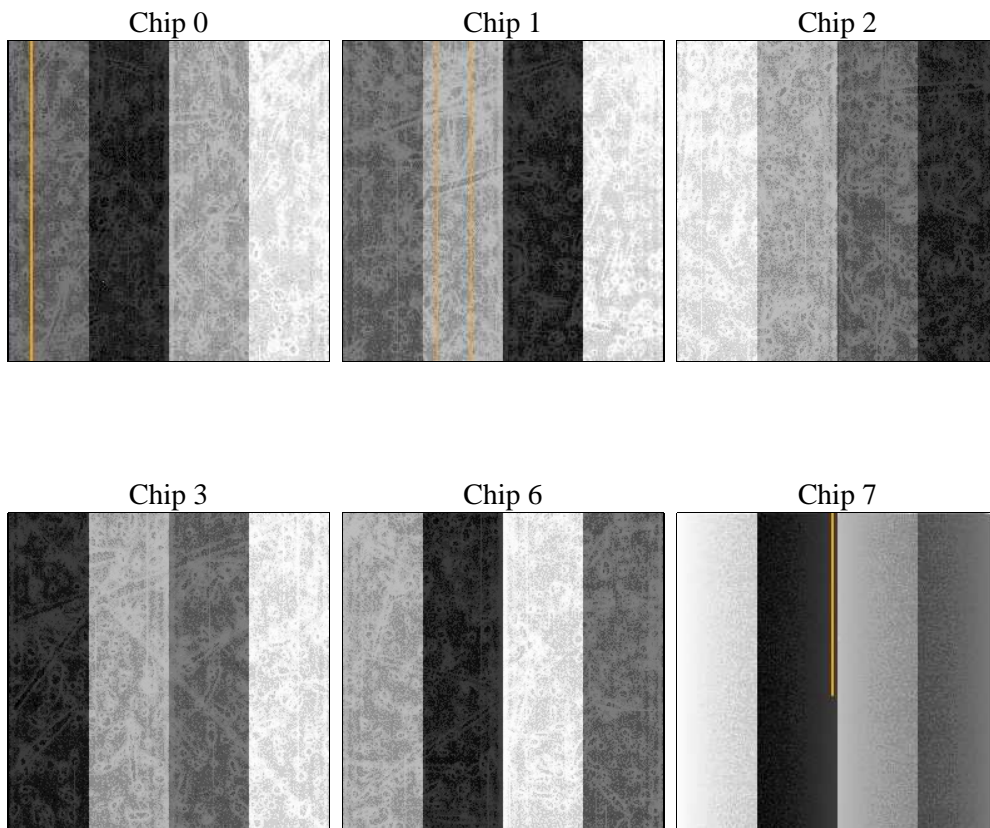
2 OBI

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	5872.4714346379	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2430.7776507139	Sum of GTIs [s]
date	2012-09-16T11:12:52	Date and time of file creation	ontime1	2517.9657994509	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2385.403429836	Sum of GTIs [s]
			ontime3	2378.7245188057	Sum of GTIs [s]
			ontime6	2664.1316330731	Sum of GTIs [s]
			ontime7	5872.4714346379	Sum of GTIs [s]
			l1events	1422580	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	187437	193564	187869	187379	216191	450140	grade 0 events	92930	96597	93707	93733	106950	108577
rejected events	18442	18678	19934	20152	21061	29401		49%	49%	49%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	6%	grade 1 events	541	505	473	508	566	296
								0%	0%	0%	0%	0%	0%
							grade 2 events	29732	30877	29588	29071	33477	93134
								15%	15%	15%	15%	15%	20%
							grade 3 events	10819	11035	10438	10593	12115	43130
								5%	5%	5%	5%	5%	9%
							grade 4 events	10609	11101	10336	10623	11977	42562
								5%	5%	5%	5%	5%	9%
							grade 5 events	1438	1486	1379	1405	1699	6378
								0%	0%	0%	0%	0%	1%
							grade 6 events	24905	25276	23866	23207	30611	133336
								13%	13%	12%	12%	14%	29%
							grade 7 events	16463	16687	18082	18239	18796	22727
								8%	8%	9%	9%	8%	5%

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	343.1229591702163	Alternating exposures requested	N	N
[deg] Pointing Dec	0	77.25967642587165	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	347.0050008899285			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	98684360.21064299	98684359.44217999			
Observation start date	2001-02-16T04:19:20	2001-02-16T04:19:19			
[s] Observation end time (MET)	98696276.86109699	98696276.09264			
Observation end date	2001-02-16T07:37:57	2001-02-16T07:37:56			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.8724714346379

A.2 Comments