

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60926 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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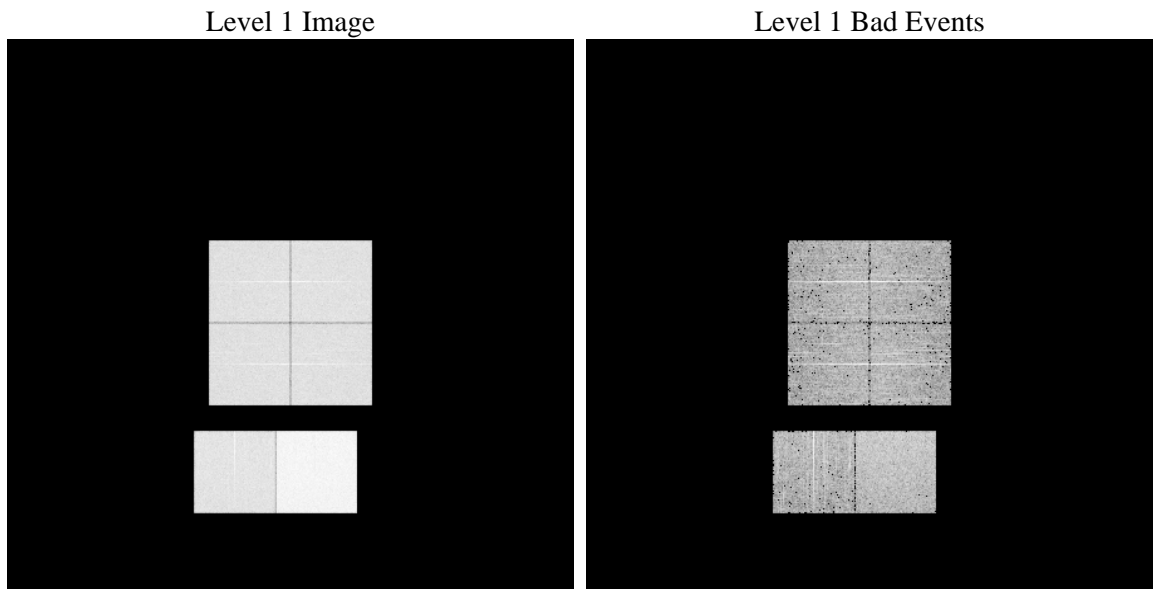
1 Front

seq_num	 	Sequence number
obs_id	60926	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	107.88349010875	Nominal RA [deg]
dec_nom	25.524398332483	Nominal Dec [deg]
roll_nom	88.502121279613	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7797.3358861804	Sum of GTIs [s]
livetime	7698.6013241976	Livetime [s]
ontime0	3979.4274827838	Sum of GTIs [s]
ontime1	4102.5454545617	Sum of GTIs [s]
ontime2	3846.4644375145	Sum of GTIs [s]
ontime3	3833.6648659706	Sum of GTIs [s]
ontime6	4213.335121274	Sum of GTIs [s]
ontime7	7797.3358861804	Sum of GTIs [s]
l2events	1200965	Number of level 2 events

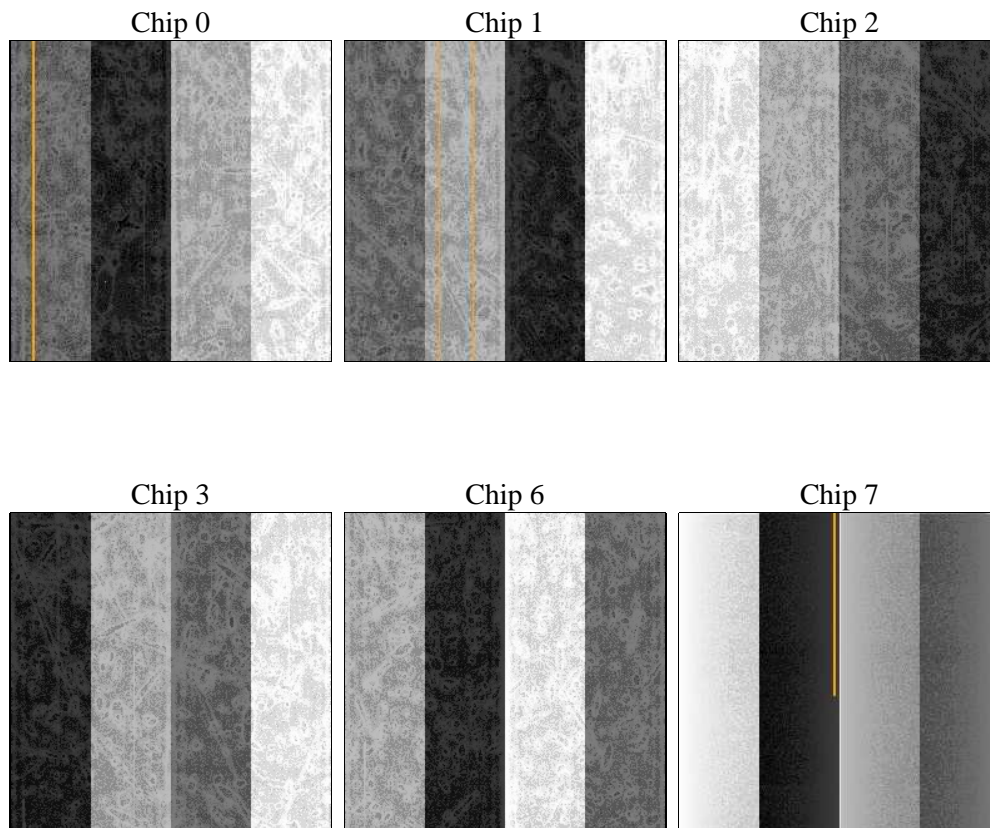
2 OBI

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	7797.3358861804	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	3979.4274827838	Sum of GTIs [s]
date	2012-10-19T07:30:05	Date and time of file creation	ontime1	4102.5454545617	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3846.4644375145	Sum of GTIs [s]
			ontime3	3833.6648659706	Sum of GTIs [s]
			ontime6	4213.335121274	Sum of GTIs [s]
			ontime7	7797.3358861804	Sum of GTIs [s]
			l1events	1430719	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	201306	206798	197848	198928	224211	401628	grade 0 events	96446	99228	96692	96401	106002	91397
rejected events	26555	26120	25699	27410	29483	40410		47%	47%	48%	48%	47%	22%
rejected %	13%	12%	12%	13%	13%	10%	grade 1 events	551	505	559	522	536	249
								0%	0%	0%	0%	0%	0%
							grade 2 events	30662	32231	29100	29386	33520	79998
								15%	15%	14%	14%	14%	19%
							grade 3 events	11112	11406	11328	11103	12021	36436
								5%	5%	5%	5%	5%	9%
							grade 4 events	11365	11379	10949	11068	12132	36508
								5%	5%	5%	5%	5%	9%
							grade 5 events	1841	1903	1740	1935	2034	7862
								0%	0%	0%	0%	0%	1%
							grade 6 events	25166	26434	24080	23560	31053	116879
								12%	12%	12%	11%	13%	29%
							grade 7 events	24163	23712	23400	24953	26913	32299
								12%	11%	11%	12%	12%	8%

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	107.8834901087533	Alternating exposures requested	N	N
[deg] Pointing Dec	0	25.52439833248321	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	88.50212127961282			
[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)	155808197.010255	155808195.98553			
Observation start date	2002-12-09T08:03:17	2002-12-09T08:03:15			
[s] Observation end time (MET)	155840726.411613	155840725.38689			
Observation end date	2002-12-09T17:05:26	2002-12-09T17:05:25			
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)	2012.11.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7973358861804

A.2 Comments