

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61106 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

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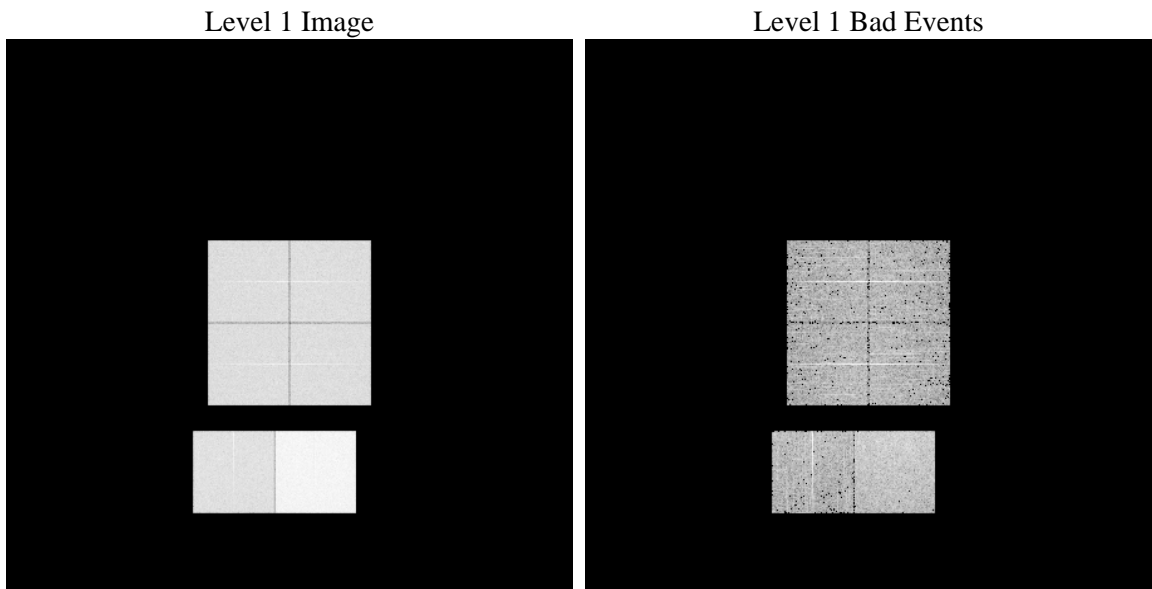
1 Front

seq_num	 	Sequence number
obs_id	61106	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	353.97428567632	Nominal RA [deg]
dec_nom	7.0129879178835	Nominal Dec [deg]
roll_nom	120.22678020576	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7794.6068603396	Sum of GTIs [s]
livetime	7695.9068549252	Livetime [s]
ontime0	3480.8689891994	Sum of GTIs [s]
ontime1	3545.9477312267	Sum of GTIs [s]
ontime2	3419.5078946352	Sum of GTIs [s]
ontime3	3416.0487972796	Sum of GTIs [s]
ontime6	3691.5342569649	Sum of GTIs [s]
ontime7	7794.6068603396	Sum of GTIs [s]
l2events	1224702	Number of level 2 events

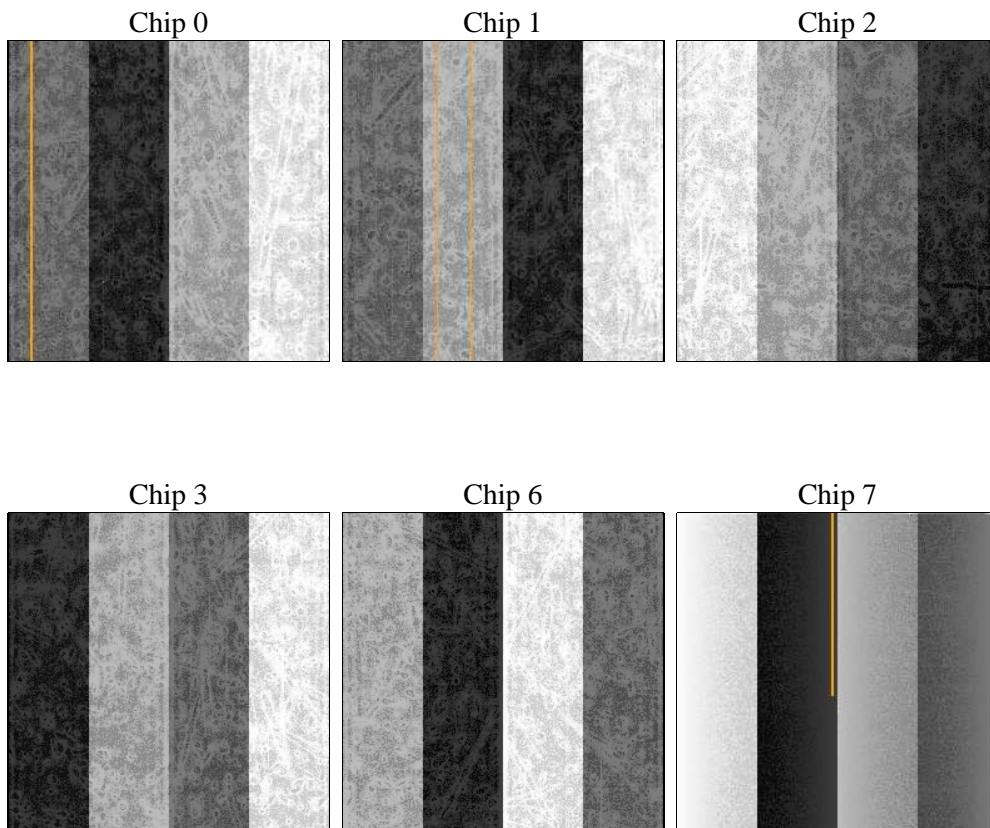
2 OBI

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	7794.6068603396	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3480.8689891994	Sum of GTIs [s]
date	2012-10-12T06:58:52	Date and time of file creation	ontime1	3545.9477312267	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3419.5078946352	Sum of GTIs [s]
			ontime3	3416.0487972796	Sum of GTIs [s]
			ontime6	3691.5342569649	Sum of GTIs [s]
			ontime7	7794.6068603396	Sum of GTIs [s]
			l1events	1437179	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	193950	197466	194077	194685	217528	439473	grade 0 events	93727	95656	94501	95003	104153	102062
rejected events	23150	22889	24037	24245	25704	39271		48%	48%	48%	48%	47%	23%
rejected %	11%	11%	12%	12%	11%	8%	grade 1 events	471	457	437	469	477	251
								0%	0%	0%	0%	0%	0%
							grade 2 events	30148	31010	29780	29844	33434	88306
								15%	15%	15%	15%	15%	20%
							grade 3 events	10911	10999	10755	10725	11648	40580
								5%	5%	5%	5%	5%	9%
							grade 4 events	10862	10996	10636	10727	11817	39808
								5%	5%	5%	5%	5%	9%
							grade 5 events	1654	1744	1621	1639	1917	7711
								0%	0%	0%	0%	0%	1%
							grade 6 events	25152	26072	24526	24141	30772	129446
								12%	13%	12%	12%	14%	29%
							grade 7 events	21025	20532	21821	22137	23310	31309
								10%	10%	11%	11%	10%	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	353.9742856763226	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.012987917883462	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	120.2267802057568			
[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)	144155432.778	144155431.75287			
Observation start date	2002-07-27T11:10:33	2002-07-27T11:10:31			
[s] Observation end time (MET)	144185383.279	144185382.25411			
Observation end date	2002-07-27T19:29:43	2002-07-27T19:29:42			
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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7946068603396

A.2 Comments