

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60390 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 11 2012

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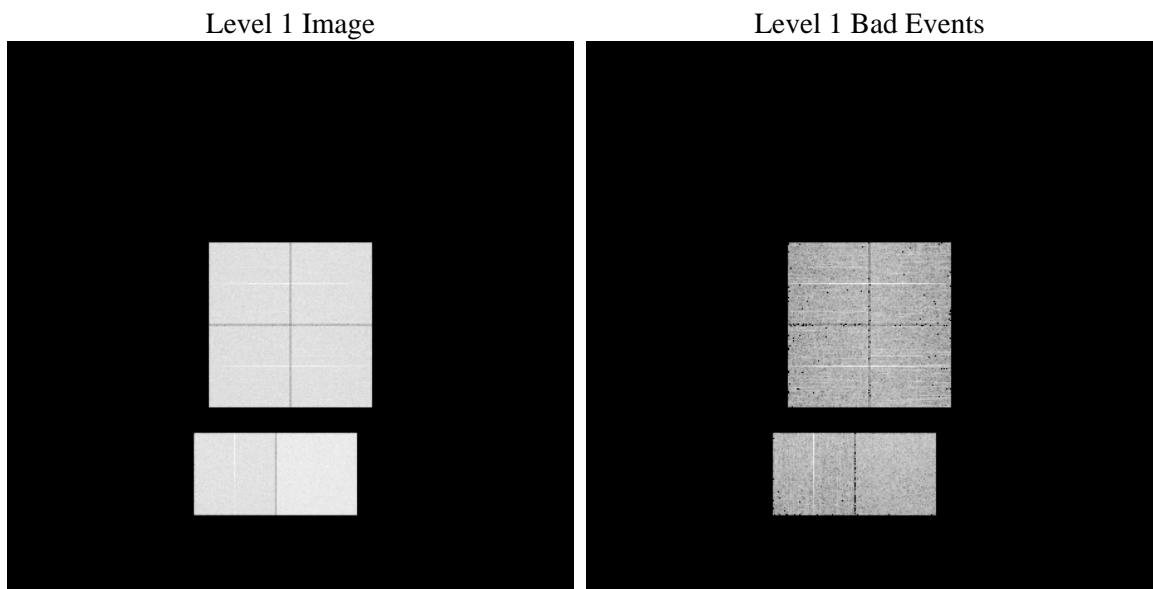
1 Front

seq_num	 	Sequence number
obs_id	60390	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	266.2181349227	Nominal RA [deg]
dec_nom	65.227579702573	Nominal Dec [deg]
roll_nom	41.755600080228	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8451.1999685168	Sum of GTIs [s]
livetime	8344.1857858138	Livetime [s]
ontime0	6033.4392354786	Sum of GTIs [s]
ontime1	6166.6959871054	Sum of GTIs [s]
ontime2	5819.9534193873	Sum of GTIs [s]
ontime3	5926.4866285622	Sum of GTIs [s]
ontime6	6312.1620490253	Sum of GTIs [s]
ontime7	8451.1999685168	Sum of GTIs [s]
l2events	1249553	Number of level 2 events

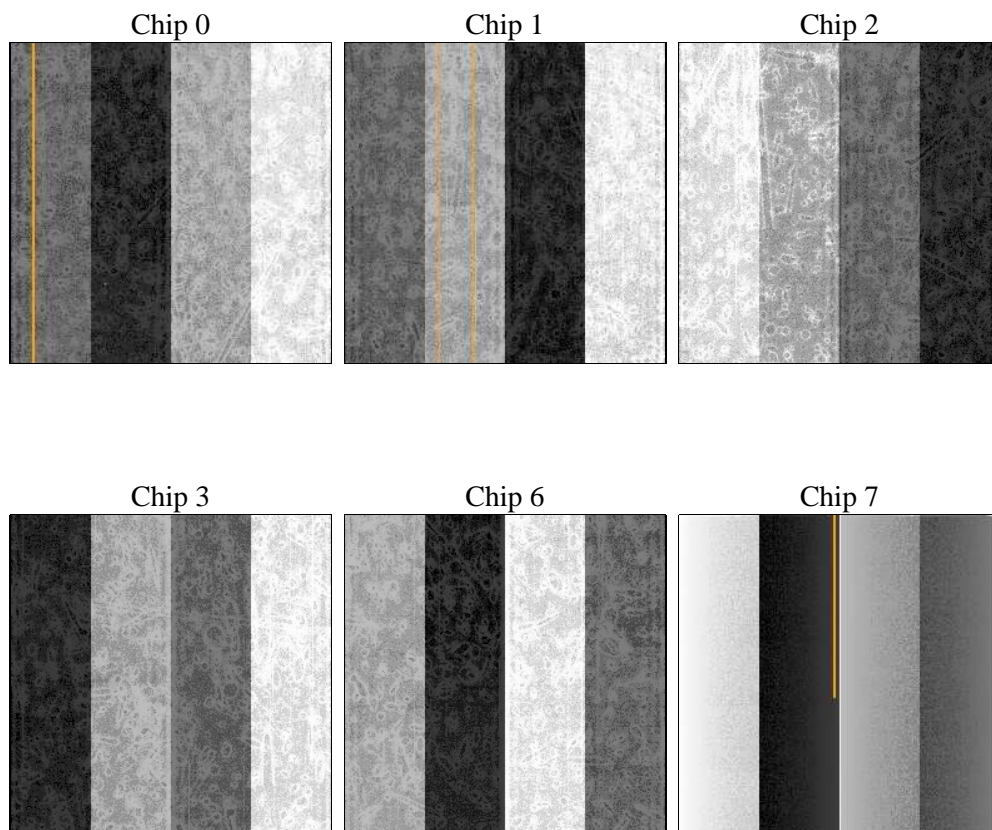
2 OBI

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	8451.1999685168	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	6033.4392354786	Sum of GTIs [s]
date	2012-11-11T12:23:24	Date and time of file creation	ontime1	6166.6959871054	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5819.9534193873	Sum of GTIs [s]
			ontime3	5926.4866285622	Sum of GTIs [s]
			ontime6	6312.1620490253	Sum of GTIs [s]
			ontime7	8451.1999685168	Sum of GTIs [s]
			l1events	1536496	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	233434	240433	229423	236540	256307	340359	grade 0 events	109781	112079	108948	112247	118951	73426
rejected events	35179	36635	35605	37867	38125	43130		47%	46%	47%	47%	46%	21%
rejected %	15%	15%	15%	16%	14%	12%	grade 1 events	566	511	607	581	499	202
								0%	0%	0%	0%	0%	0%
							grade 2 events	34535	35848	32807	33631	37449	65366
								14%	14%	14%	14%	14%	19%
							grade 3 events	12779	13124	12595	13023	13617	30033
								5%	5%	5%	5%	5%	8%
							grade 4 events	12642	13000	12674	12988	13746	30234
								5%	5%	5%	5%	5%	8%
							grade 5 events	2454	2536	2355	2570	2773	7877
								1%	1%	1%	1%	1%	2%
							grade 6 events	28954	30075	27122	27125	34740	98762
								12%	12%	11%	11%	13%	29%
							grade 7 events	31723	33260	32315	34375	34532	34459
								13%	13%	14%	14%	13%	10%

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	266.218134922703	Alternating exposures requested	N	N
[deg] Pointing Dec	0	65.22757970257275	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	41.75560008022768			
[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)	191710274.940105	191710273.91539			
Observation start date	2004-01-28T20:51:15	2004-01-28T20:51:13			
[s] Observation end time (MET)	191732597.39108	191732596.36637			
Observation end date	2004-01-29T03:03:17	2004-01-29T03:03:16			
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)	2012.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4511999685168

A.2 Comments