

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60855 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 22 2012

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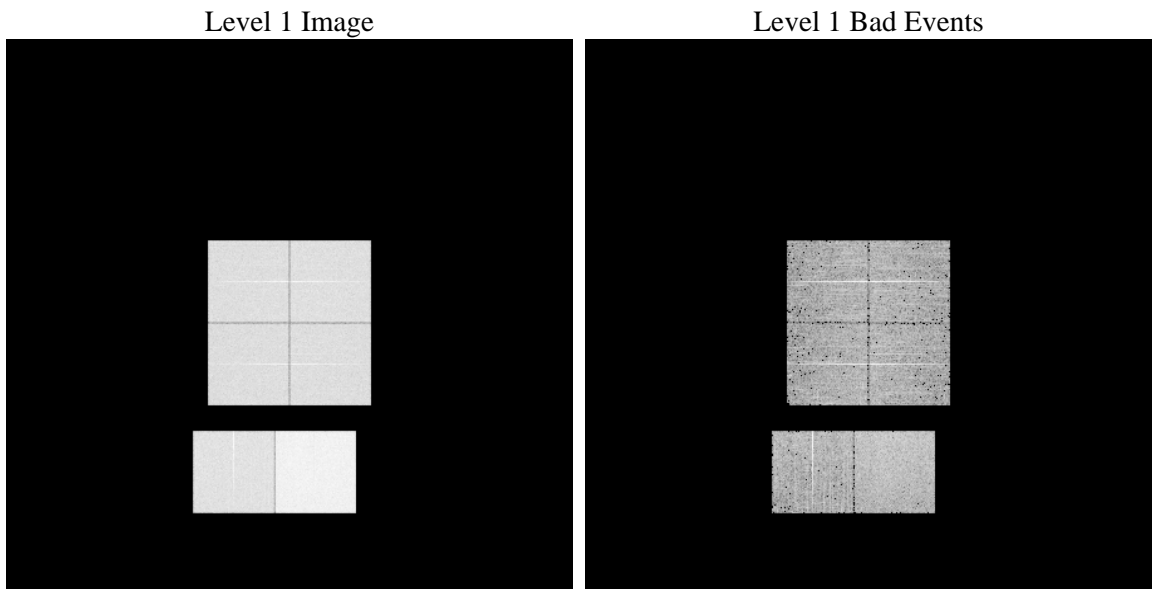
1 Front

seq_num	 	Sequence number
obs_id	60855	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	161.93943296633	Nominal RA [deg]
dec_nom	61.996910753982	Nominal Dec [deg]
roll_nom	153.35831673333	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7796.8974122405	Sum of GTIs [s]
livetime	7698.1684024787	Livetime [s]
ontime0	4118.3402837813	Sum of GTIs [s]
ontime1	4241.4576877952	Sum of GTIs [s]
ontime2	3947.575659126	Sum of GTIs [s]
ontime3	3966.0955644548	Sum of GTIs [s]
ontime6	4458.5227095783	Sum of GTIs [s]
ontime7	7796.8974122405	Sum of GTIs [s]
l2events	1181727	Number of level 2 events

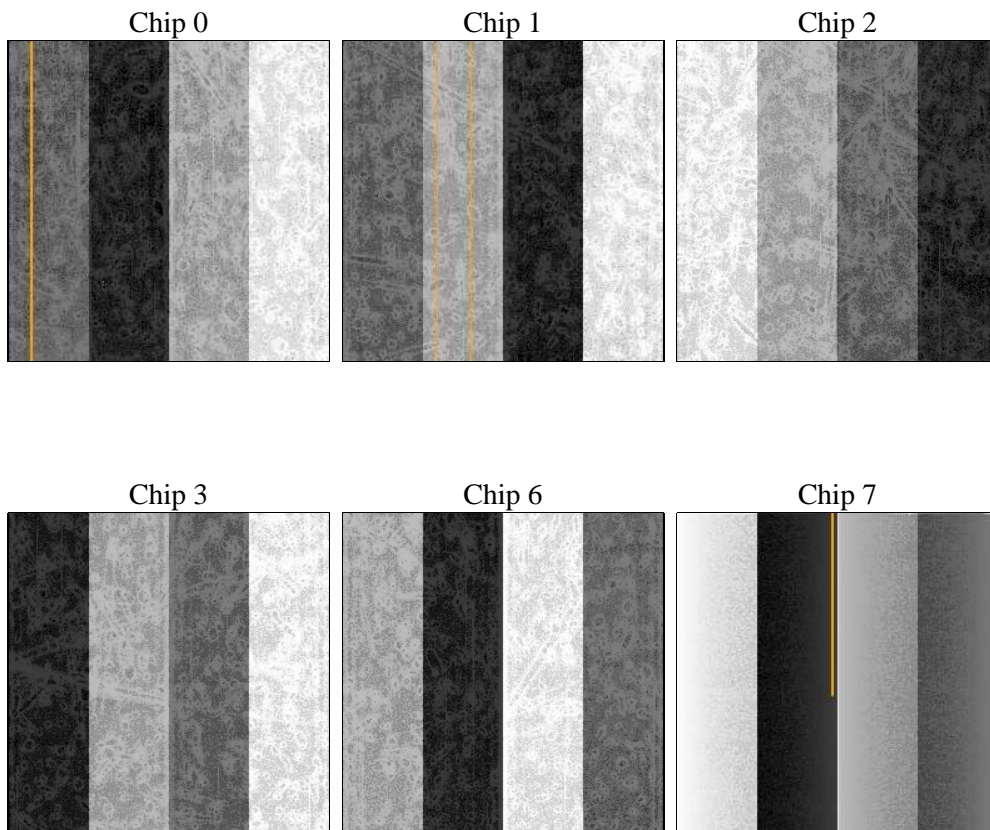
2 OBI

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	7796.8974122405	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4118.3402837813	Sum of GTIs [s]
date	2012-10-22T09:29:31	Date and time of file creation	ontime1	4241.4576877952	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3947.575659126	Sum of GTIs [s]
			ontime3	3966.0955644548	Sum of GTIs [s]
			ontime6	4458.5227095783	Sum of GTIs [s]
			ontime7	7796.8974122405	Sum of GTIs [s]
			l1events	1427680	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	202263	209316	196185	198522	229465	391929	grade 0 events	95981	98489	94622	95300	107596	87531
rejected events	28548	29812	28568	29541	32542	43314		47%	47%	48%	48%	46%	22%
rejected %	14%	14%	14%	14%	14%	11%	grade 1 events	530	481	590	603	497	229
								0%	0%	0%	0%	0%	0%
							grade 2 events	30054	31868	27595	28465	33554	76620
								14%	15%	14%	14%	14%	19%
							grade 3 events	11044	11305	10923	10928	12289	35174
								5%	5%	5%	5%	5%	8%
							grade 4 events	11155	11391	11074	10906	12060	34578
								5%	5%	5%	5%	5%	8%
							grade 5 events	1973	1985	1859	2018	2249	8189
								0%	0%	0%	1%	0%	2%
							grade 6 events	25481	26451	23403	23382	31424	114712
								12%	12%	11%	11%	13%	29%
							grade 7 events	26045	27346	26119	26920	29796	34896
								12%	13%	13%	13%	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	161.9394329663258	Alternating exposures requested	N	N
[deg] Pointing Dec	0	61.99691075398167	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	153.3583167333321			
[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)	161063372.230092	161063371.20537			
Observation start date	2003-02-08T03:49:32	2003-02-08T03:49:31			
[s] Observation end time (MET)	161096906.131501	161096905.10678			
Observation end date	2003-02-08T13:08:26	2003-02-08T13:08:25			
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)	2012.11.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7968974122405

A.2 Comments