

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61011 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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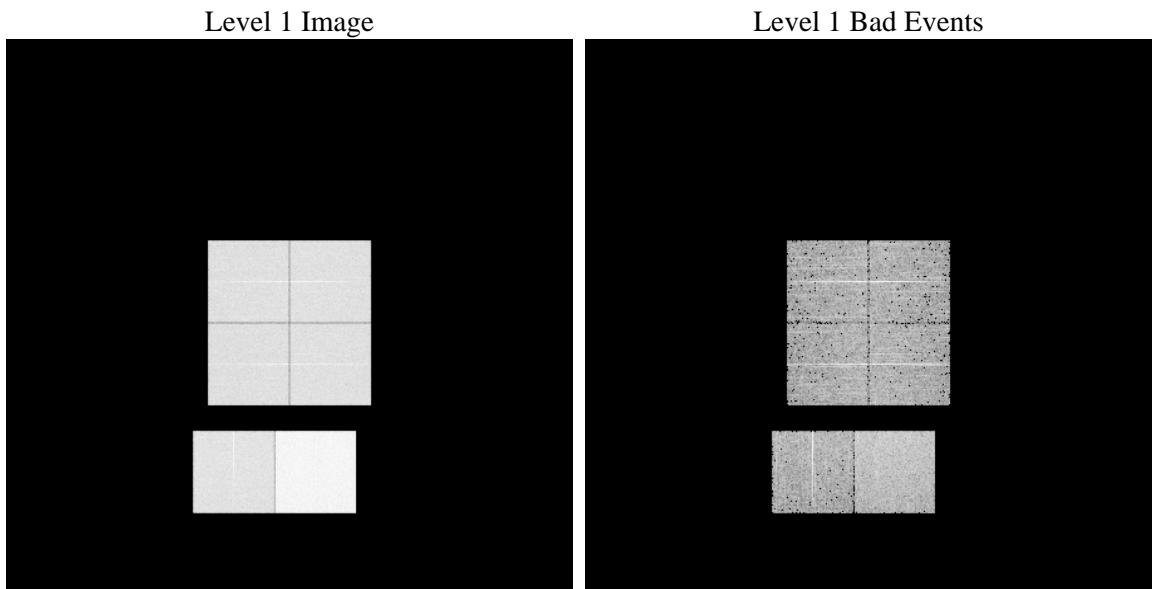
1 Front

seq_num	 	Sequence number
obs_id	61011	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	30.144302477775	Nominal RA [deg]
dec_nom	24.971732007486	Nominal Dec [deg]
roll_nom	133.46270701614	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.2013662457	Sum of GTIs [s]
livetime	7692.5444832481	Livetime [s]
ontime0	3775.8006500006	Sum of GTIs [s]
ontime1	3824.4154125154	Sum of GTIs [s]
ontime2	3632.9079684317	Sum of GTIs [s]
ontime3	3727.0609631836	Sum of GTIs [s]
ontime6	3973.5017879903	Sum of GTIs [s]
ontime7	7791.2013662457	Sum of GTIs [s]
l2events	1208860	Number of level 2 events

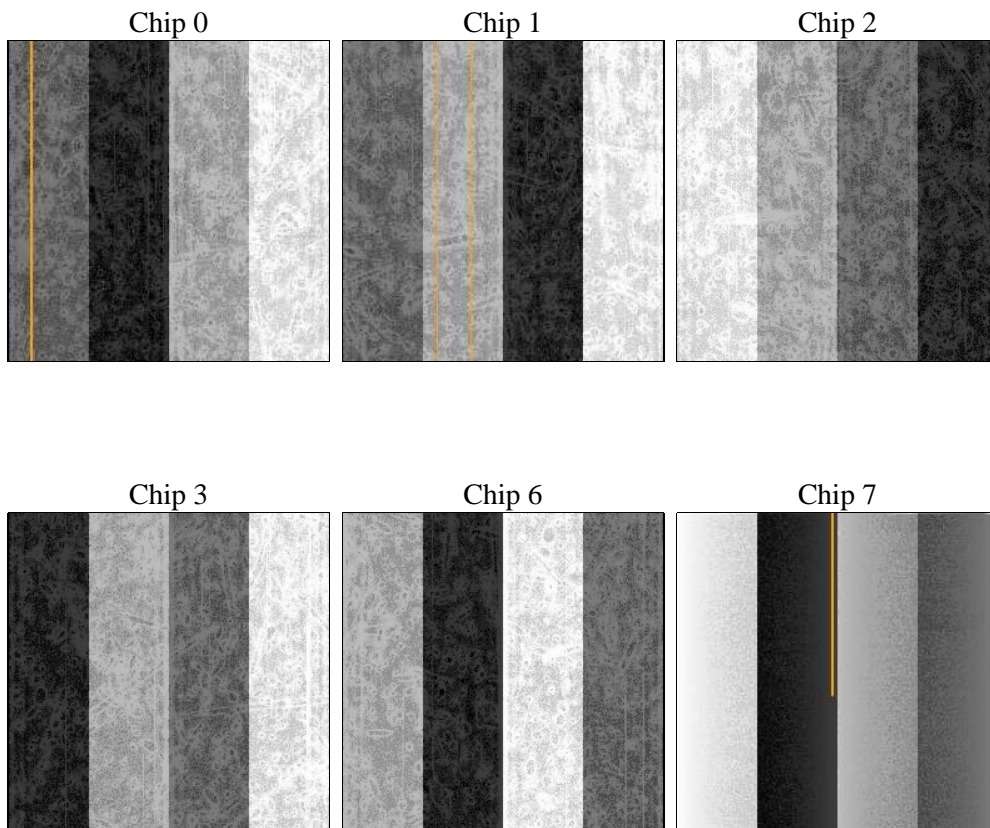
2 OBI

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	7791.2013662457	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	3775.8006500006	Sum of GTIs [s]
date	2012-10-15T12:09:15	Date and time of file creation	ontime1	3824.4154125154	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3632.9079684317	Sum of GTIs [s]
			ontime3	3727.0609631836	Sum of GTIs [s]
			ontime6	3973.5017879903	Sum of GTIs [s]
			ontime7	7791.2013662457	Sum of GTIs [s]
			l1events	1431731	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	199076	201920	194247	200052	219625	416811	grade 0 events	96346	97006	95012	97912	104930	95111
rejected events	25424	25358	24955	26363	27179	40887		48%	48%	48%	48%	47%	22%
rejected %	12%	12%	12%	13%	12%	9%	grade 1 events	533	481	535	552	506	258
								0%	0%	0%	0%	0%	0%
							grade 2 events	30082	31095	28680	29707	33287	83302
								15%	15%	14%	14%	15%	19%
							grade 3 events	11155	11331	11080	11205	11933	37999
								5%	5%	5%	5%	5%	9%
							grade 4 events	11095	11282	10973	11255	11885	37994
								5%	5%	5%	5%	5%	9%
							grade 5 events	1792	1827	1688	1802	2039	8000
								0%	0%	0%	0%	0%	1%
							grade 6 events	24974	25848	23547	23610	30411	121518
								12%	12%	12%	11%	13%	29%
							grade 7 events	23099	23050	22732	24009	24634	32629
								11%	11%	11%	12%	11%	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	30.14430247777454	Alternating exposures requested	N	N
[deg] Pointing Dec	0	24.97173200748581	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	133.4627070161376			
[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)	150091454.022578	150091452.99784			
Observation start date	2002-10-04T04:04:14	2002-10-04T04:04:12			
[s] Observation end time (MET)	150103159.523063	150103158.49833			
Observation end date	2002-10-04T07:19:20	2002-10-04T07:19:18			
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7912013662457

A.2 Comments