

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59819 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 16 2012

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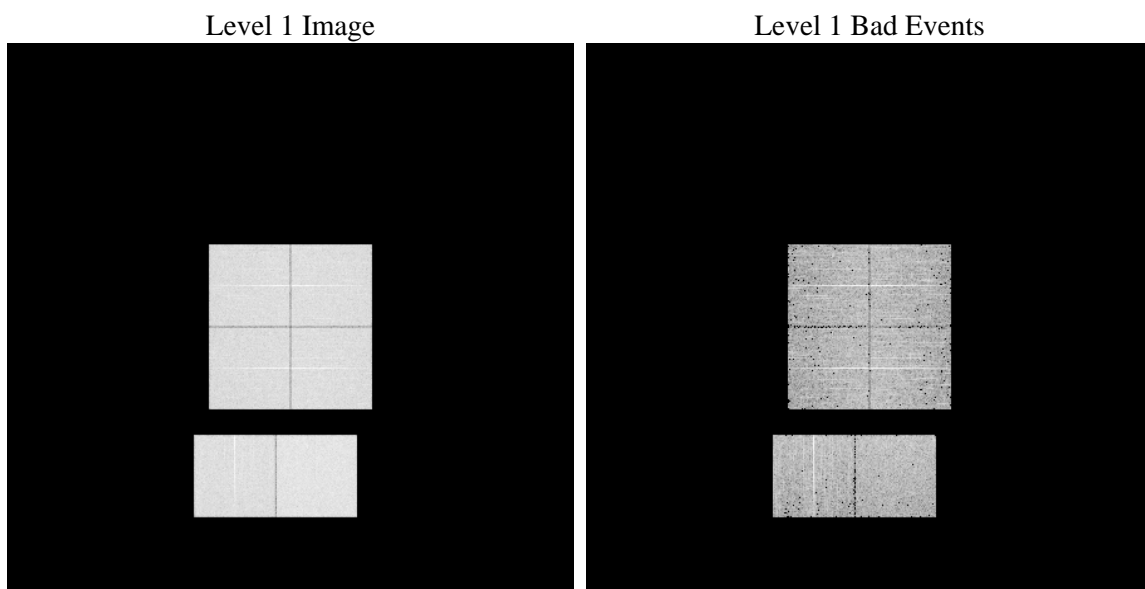
1 Front

seq_num	 	Sequence number
obs_id	59819	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	156.98780600695	Nominal RA [deg]
dec_nom	16.524865716751	Nominal Dec [deg]
roll_nom	85.588925851105	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5246.7653209567	Sum of GTIs [s]
livetime	5180.32761924	Livetime [s]
ontime0	4397.5869835317	Sum of GTIs [s]
ontime1	4517.4623042047	Sum of GTIs [s]
ontime2	4245.1788291335	Sum of GTIs [s]
ontime3	4387.9459433258	Sum of GTIs [s]
ontime6	4491.4521129429	Sum of GTIs [s]
ontime7	5246.7653209567	Sum of GTIs [s]
l2events	727227	Number of level 2 events

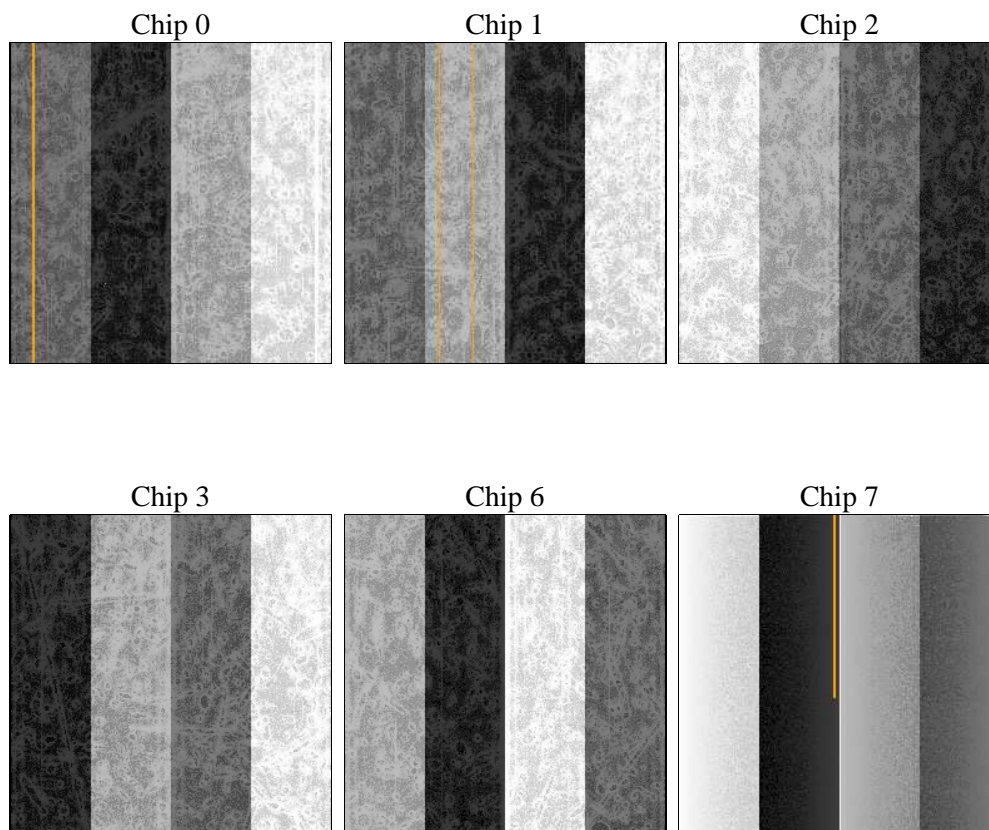
2 OBI

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	8.5.1	Processing system revision	ontime	5246.7653209567	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	4397.5869835317	Sum of GTIs [s]
date	2012-12-17T03:02:26	Date and time of file creation	ontime1	4517.4623042047	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4245.1788291335	Sum of GTIs [s]
			ontime3	4387.9459433258	Sum of GTIs [s]
			ontime6	4491.4521129429	Sum of GTIs [s]
			ontime7	5246.7653209567	Sum of GTIs [s]
			l1events	957936	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	150807	154460	146782	154780	161411	189696	grade 0 events	65813	66334	64827	67874	67923	37249
rejected events	30821	31697	31024	33910	34333	32679		43%	42%	44%	43%	42%	19%
rejected %	20%	20%	21%	21%	21%	17%	grade 1 events	395	337	407	432	392	116
								0%	0%	0%	0%	0%	0%
							grade 2 events	20894	22188	19224	20292	22035	34658
								13%	14%	13%	13%	13%	18%
							grade 3 events	7614	7725	7540	7888	7802	15021
								5%	5%	5%	5%	4%	7%
							grade 4 events	7736	7672	7460	7843	7866	15019
								5%	4%	5%	5%	4%	7%
							grade 5 events	1924	2092	1837	2039	2155	5664
								1%	1%	1%	1%	1%	2%
							grade 6 events	17929	18844	16707	16973	21452	55070
								11%	12%	11%	10%	13%	29%
							grade 7 events	28502	29268	28780	31439	31786	26899
								18%	18%	19%	20%	19%	14%

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	156.9878060069457	Alternating exposures requested	N	N
[deg] Pointing Dec	0	16.52486571675062	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	85.58892585110483			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	223655694.910244	223655693.88522			
Observation start date	2005-02-01T14:34:55	2005-02-01T14:34:53			
[s] Observation end time (MET)	223672291.710996	223672290.68598			
Observation end date	2005-02-01T19:11:32	2005-02-01T19:11:30			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2467653209567

A.2 Comments