

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59716 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 21 2012

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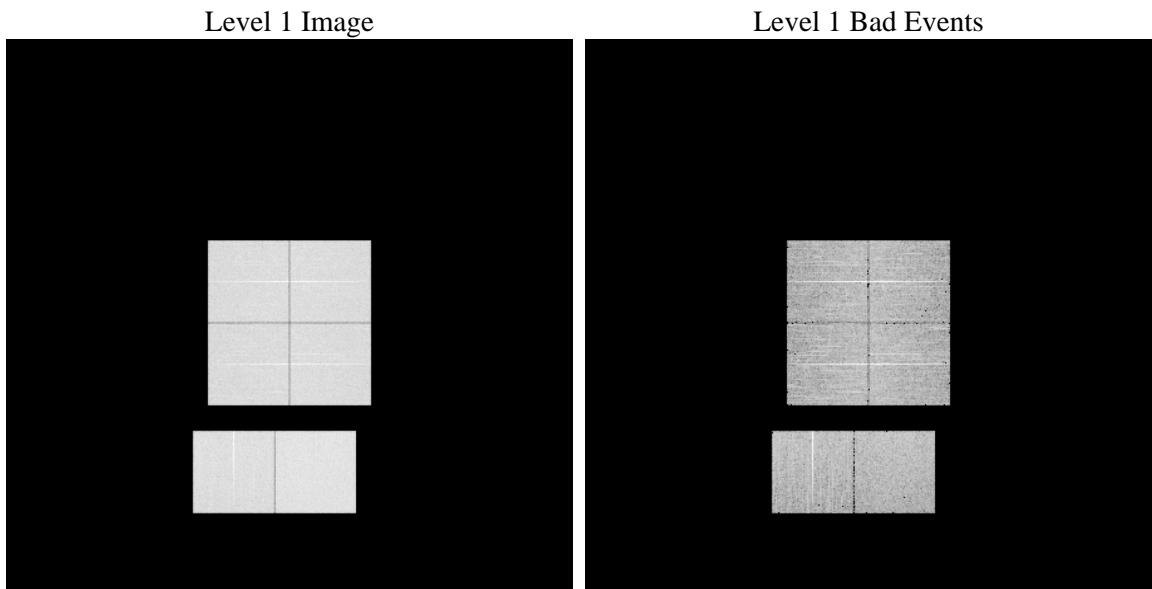
1 Front

seq_num	 	Sequence number
obs_id	59716	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	182.41574600558	Nominal RA [deg]
dec_nom	-11.509817803868	Nominal Dec [deg]
roll_nom	311.90383600069	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime0	6667.3025070131	Sum of GTIs [s]
ontime1	6683.5073394179	Sum of GTIs [s]
ontime2	6310.7958071232	Sum of GTIs [s]
ontime3	6469.6027230322	Sum of GTIs [s]
ontime6	6783.9772489667	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
l2events	1059815	Number of level 2 events

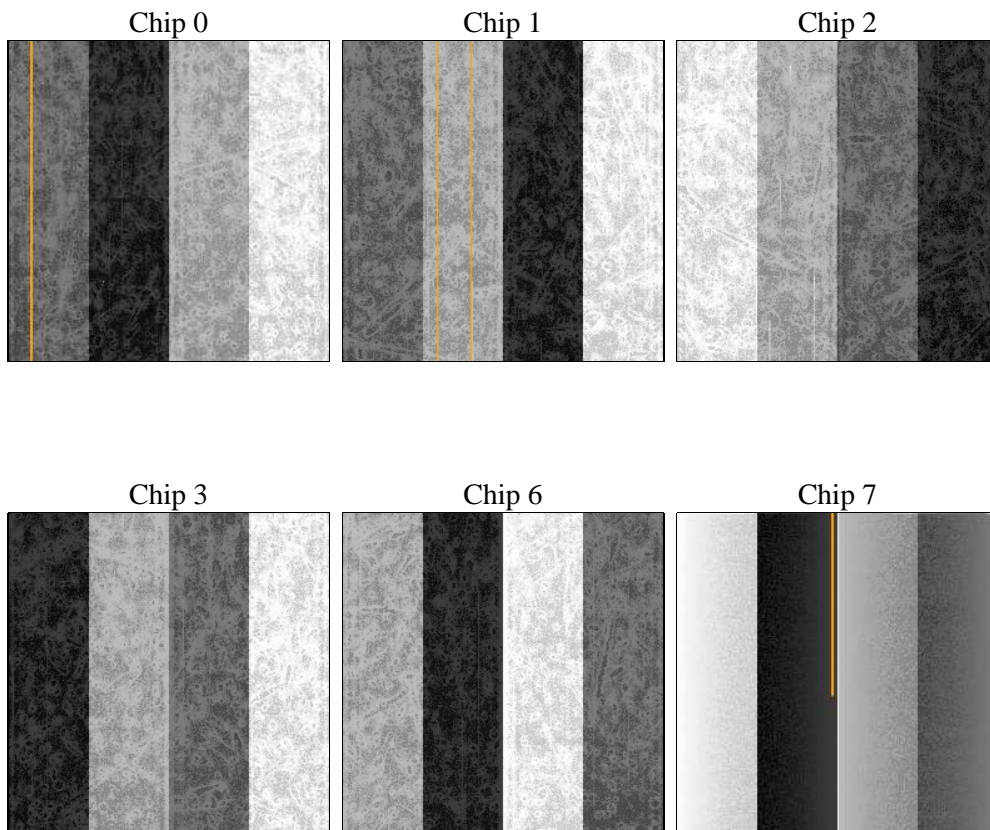
2 OBI

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	8.5.1.1	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldbver	4.5.5	 	ontime0	6667.3025070131	Sum of GTIs [s]
date	2012-12-22T01:51:59	Date and time of file creation	ontime1	6683.5073394179	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6310.7958071232	Sum of GTIs [s]
			ontime3	6469.6027230322	Sum of GTIs [s]
			ontime6	6783.9772489667	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			l1events	1410548	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	223502	225490	217557	223502	242716	277781	grade 0 events	96183	95992	93667	96519	101979	54857
rejected events	47230	48384	48990	50234	53251	48932		43%	42%	43%	43%	42%	19%
rejected %	21%	21%	22%	22%	21%	17%	grade 1 events	566	491	634	628	478	181
								0%	0%	0%	0%	0%	0%
							grade 2 events	30714	31479	28395	29654	32455	49928
								13%	13%	13%	13%	13%	17%
							grade 3 events	11392	11232	11047	11215	11804	22175
								5%	4%	5%	5%	4%	7%
							grade 4 events	11410	11395	11100	11223	11816	22107
								5%	5%	5%	5%	4%	7%
							grade 5 events	3099	3054	2740	3103	3255	8557
								1%	1%	1%	1%	1%	3%
							grade 6 events	26667	27093	24452	24745	31494	79865
								11%	12%	11%	11%	12%	28%
							grade 7 events	43471	44754	45522	46415	49435	40111
								19%	19%	20%	20%	20%	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	182.4157460055753	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-11.50981780386758	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	311.9038360006933			
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	228684625.988046	228684624.96304			
Observation start date	2005-03-31T19:30:26	2005-03-31T19:30:24			
[s] Observation end time (MET)	228697415.938627	228697414.91362			
Observation end date	2005-03-31T23:03:36	2005-03-31T23:03:34			
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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments