

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61957 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 1 2012

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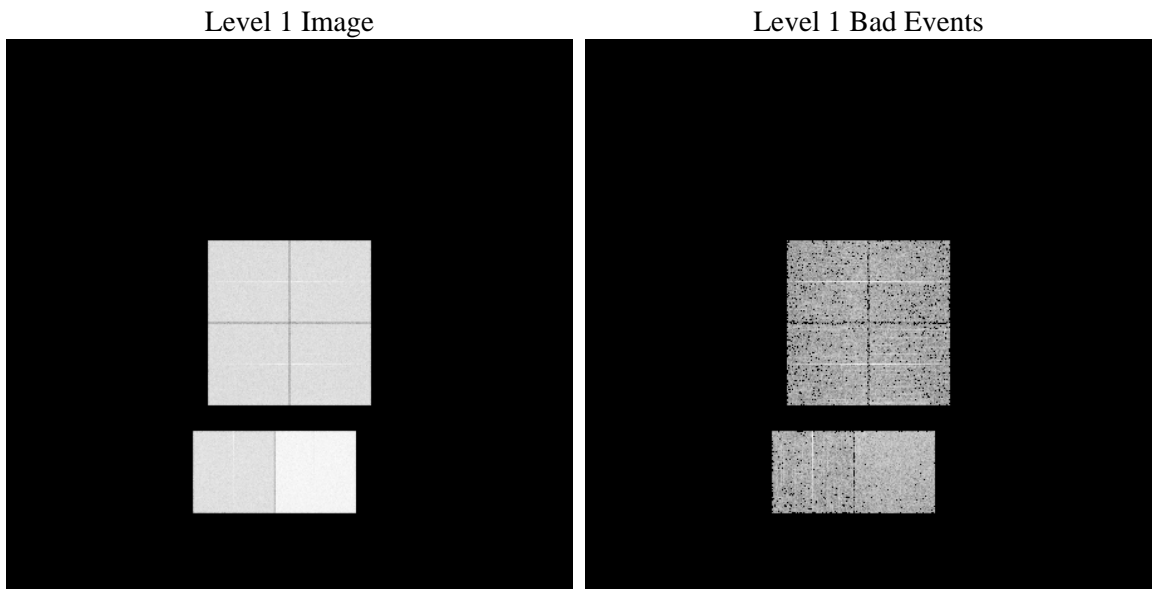
1 Front

seq_num	 	Sequence number
obs_id	61957	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	314.03115385741	Nominal RA [deg]
dec_nom	-28.008393963222	Nominal Dec [deg]
roll_nom	310.61585215766	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5249.8778551817	Sum of GTIs [s]
livetime	5183.4007406825	Livetime [s]
ontime0	2220.1108091027	Sum of GTIs [s]
ontime1	2288.1724296808	Sum of GTIs [s]
ontime2	2174.7361495048	Sum of GTIs [s]
ontime3	2222.8244183362	Sum of GTIs [s]
ontime6	2411.3316800594	Sum of GTIs [s]
ontime7	5249.8778551817	Sum of GTIs [s]
l2events	1262066	Number of level 2 events

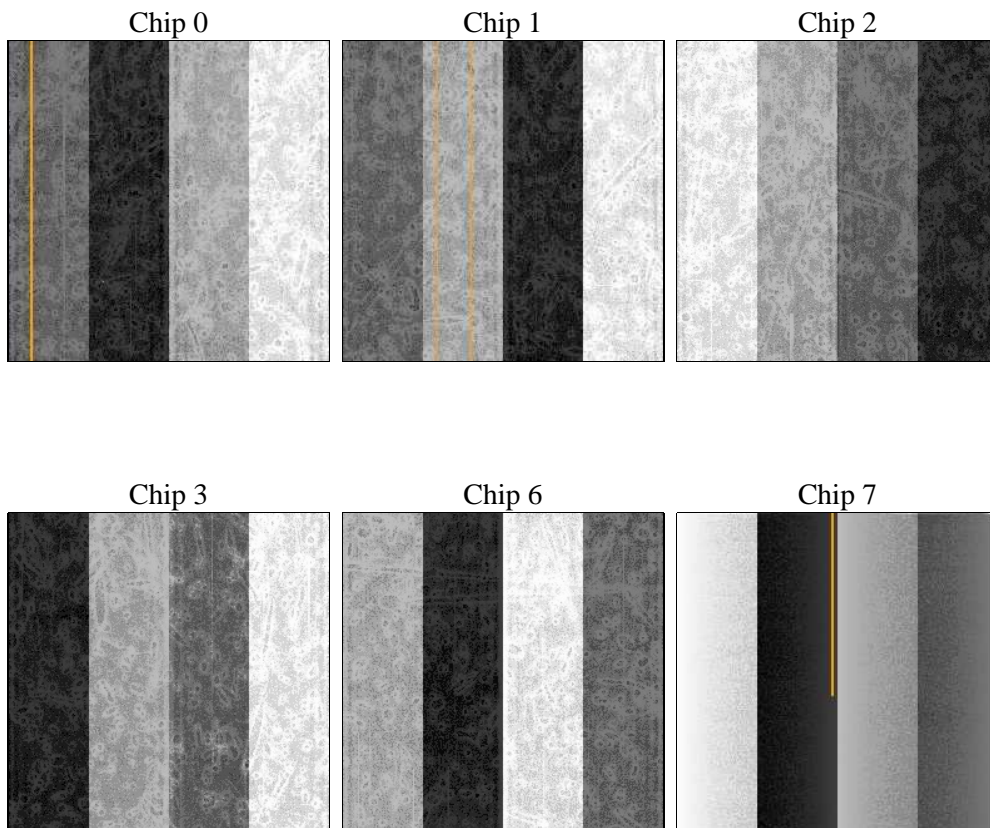
2 OBI

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	5249.8778551817	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2220.1108091027	Sum of GTIs [s]
date	2012-09-01T03:05:54	Date and time of file creation	ontime1	2288.1724296808	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2174.7361495048	Sum of GTIs [s]
			ontime3	2222.8244183362	Sum of GTIs [s]
			ontime6	2411.3316800594	Sum of GTIs [s]
			ontime7	5249.8778551817	Sum of GTIs [s]
			l1events	1431335	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	189991	194213	189051	194228	216911	446941	grade 0 events	95107	97979	95482	98161	107871	109132
rejected events	17710	17071	17942	19027	19226	25842		50%	50%	50%	50%	49%	24%
rejected %	9%	8%	9%	9%	8%	5%	grade 1 events	496	510	565	510	505	298
								0%	0%	0%	0%	0%	0%
							grade 2 events	30179	31092	29894	30536	34443	93756
								15%	16%	15%	15%	15%	20%
							grade 3 events	11007	11330	10596	11094	12159	43455
								5%	5%	5%	5%	5%	9%
							grade 4 events	10827	11296	10987	11179	12201	42512
								5%	5%	5%	5%	5%	9%
							grade 5 events	1390	1409	1304	1287	1522	5927
								0%	0%	0%	0%	0%	1%
							grade 6 events	25161	25445	24150	24231	31011	132244
								13%	13%	12%	12%	14%	29%
							grade 7 events	15824	15152	16073	17230	17199	19617
								8%	7%	8%	8%	7%	4%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	314.0311538574121
[deg] Pointing Dec	0	-28.00839396322191
[deg] Pointing Roll	0.0	310.6158521576606
[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)	83377399.128433	83377398.35996801
Observation start date	2000-08-23T00:23:19	2000-08-23T00:23:18
[s] Observation end time (MET)	83423909.530177	83423908.761709
Observation end date	2000-08-23T13:18:30	2000-08-23T13:18:28
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2498778551817

A.2 Comments