

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61017 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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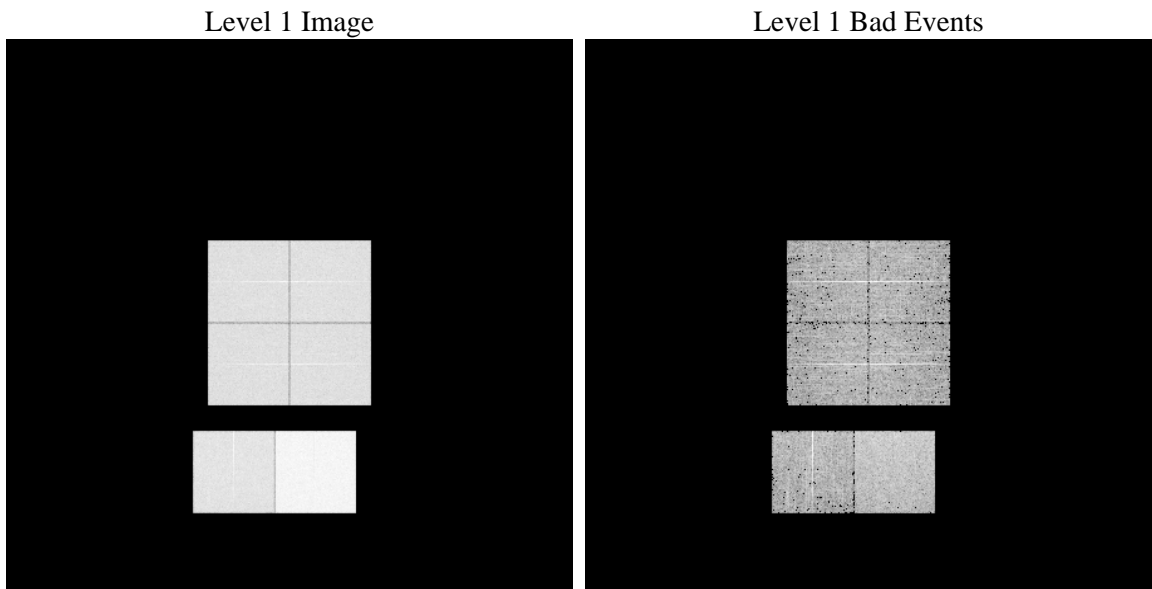
1 Front

seq_num	 	Sequence number
obs_id	61017	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	320.28676423257	Nominal RA [deg]
dec_nom	-25.512114146598	Nominal Dec [deg]
roll_nom	295.85618185724	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7793.7421729565	Sum of GTIs [s]
livetime	7695.0531167344	Livetime [s]
ontime0	3784.6168730557	Sum of GTIs [s]
ontime1	3847.1017859876	Sum of GTIs [s]
ontime2	3639.6782157123	Sum of GTIs [s]
ontime3	3661.5412670076	Sum of GTIs [s]
ontime6	4128.0403859317	Sum of GTIs [s]
ontime7	7793.7421729565	Sum of GTIs [s]
l2events	1208568	Number of level 2 events

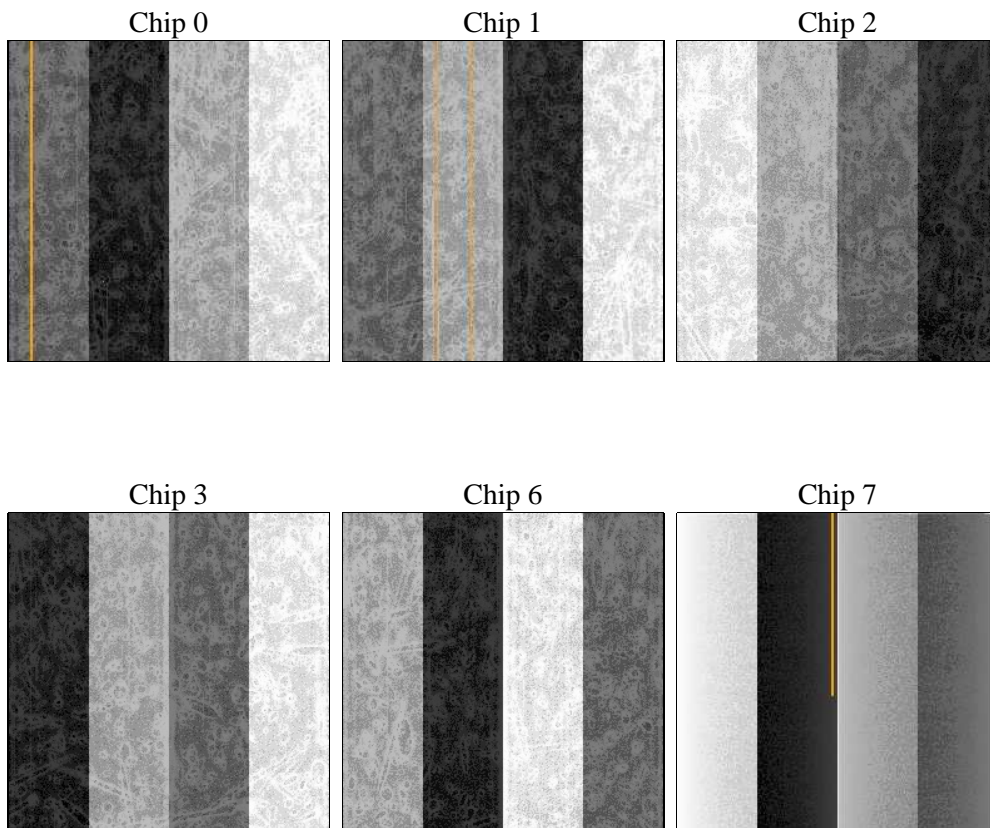
2 OBI

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	7793.7421729565	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3784.6168730557	Sum of GTIs [s]
date	2012-10-15T02:41:57	Date and time of file creation	ontime1	3847.1017859876	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3639.6782157123	Sum of GTIs [s]
			ontime3	3661.5412670076	Sum of GTIs [s]
			ontime6	4128.0403859317	Sum of GTIs [s]
			ontime7	7793.7421729565	Sum of GTIs [s]
			l1events	1432959	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	198187	202384	194139	195527	227187	415535	grade 0 events	95516	96939	94941	95509	108766	94012
rejected events	25227	25826	25020	25521	27850	41204		48%	47%	48%	48%	47%	22%
rejected %	12%	12%	12%	13%	12%	9%	grade 1 events	516	492	511	538	490	258
								0%	0%	0%	0%	0%	0%
							grade 2 events	30336	31387	28528	28899	34309	83268
								15%	15%	14%	14%	15%	20%
							grade 3 events	11426	11296	10900	11133	12357	38113
								5%	5%	5%	5%	5%	9%
							grade 4 events	11001	11338	11107	11196	12395	37726
								5%	5%	5%	5%	5%	9%
							grade 5 events	1824	1884	1657	1879	2102	8000
								0%	0%	0%	0%	0%	1%
							grade 6 events	24681	25598	23643	23269	31510	121212
								12%	12%	12%	11%	13%	29%
							grade 7 events	22887	23450	22852	23104	25258	32946
								11%	11%	11%	11%	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	320.2867642325725	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-25.51211414659758	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	295.856181857244			
[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)	149632184.303549	149632183.27883			
Observation start date	2002-09-28T20:29:44	2002-09-28T20:29:43			
[s] Observation end time (MET)	149644062.004041	149644060.97932			
Observation end date	2002-09-28T23:47:42	2002-09-28T23:47:40			
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)	2012.10.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7937421729565

A.2 Comments