

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60102 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

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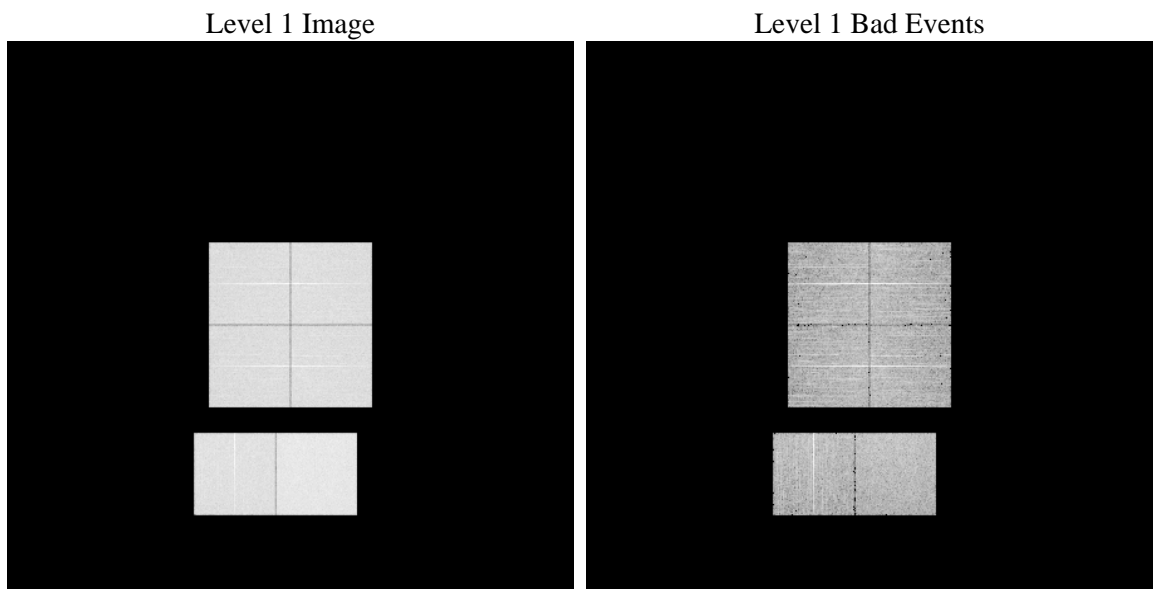
1 Front

seq_num	 	Sequence number
obs_id	60102	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	329.49113923087	Nominal RA [deg]
dec_nom	-18.972629013765	Nominal Dec [deg]
roll_nom	74.109881490517	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8255.4803683162	Sum of GTIs [s]
livetime	8150.9445050391	Livetime [s]
ontime0	6236.3132140934	Sum of GTIs [s]
ontime1	6411.2854465246	Sum of GTIs [s]
ontime2	6038.5327232778	Sum of GTIs [s]
ontime3	6262.3242511153	Sum of GTIs [s]
ontime6	6657.517477572	Sum of GTIs [s]
ontime7	8255.4803683162	Sum of GTIs [s]
l2events	1153058	Number of level 2 events

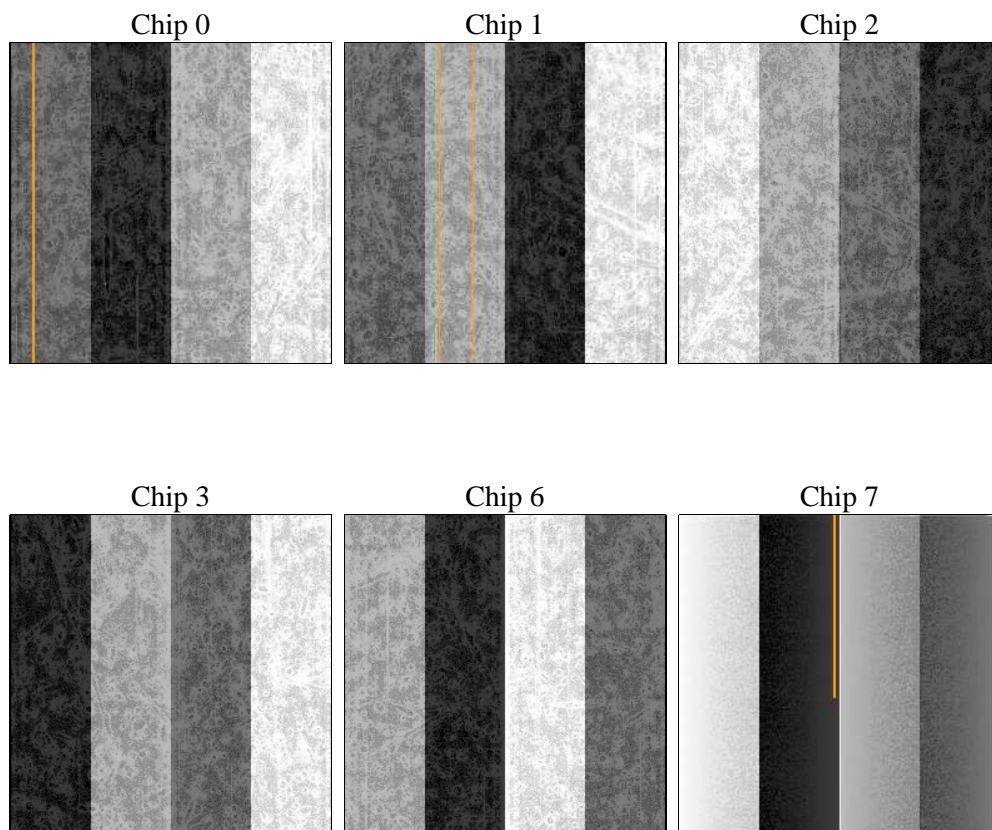
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	8255.4803683162	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6236.3132140934	Sum of GTIs [s]
date	2012-12-07T07:09:47	Date and time of file creation	ontime1	6411.2854465246	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6038.5327232778	Sum of GTIs [s]
			ontime3	6262.3242511153	Sum of GTIs [s]
			ontime6	6657.517477572	Sum of GTIs [s]
			ontime7	8255.4803683162	Sum of GTIs [s]
			l1events	1497903	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	229210	235931	225317	234696	255830	316919	grade 0 events	100976	103594	100485	105415	111238	63680
rejected events	46121	46524	46635	47395	50307	51172		44%	43%	44%	44%	43%	20%
rejected %	20%	19%	20%	20%	19%	16%	grade 1 events	588	570	657	697	598	205
								0%	0%	0%	0%	0%	0%
							grade 2 events	31935	33923	29826	31710	35663	58309
								13%	14%	13%	13%	13%	18%
							grade 3 events	11906	12088	11692	12444	12752	26587
								5%	5%	5%	5%	4%	8%
							grade 4 events	11736	12091	11740	12149	12839	26079
								5%	5%	5%	5%	5%	8%
							grade 5 events	2765	2877	2608	3004	3179	8897
								1%	1%	1%	1%	1%	2%
							grade 6 events	26989	28174	25334	26084	33397	91786
								11%	11%	11%	11%	13%	28%
							grade 7 events	42315	42614	42975	43193	46164	41376
								18%	18%	19%	18%	18%	13%

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	329.4911392308652
[deg] Pointing Dec	0	-18.9726290137645
[deg] Pointing Roll	0.0	74.10988149051705
[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)	208389922.325787	208389921.30079
Observation start date	2004-08-08T22:05:22	2004-08-08T22:05:21
[s] Observation end time (MET)	208412304.226782	208412303.20179
Observation end date	2004-08-09T04:18:24	2004-08-09T04:18:23
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2554803683162

A.2 Comments