

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59253 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Mar 18 2012

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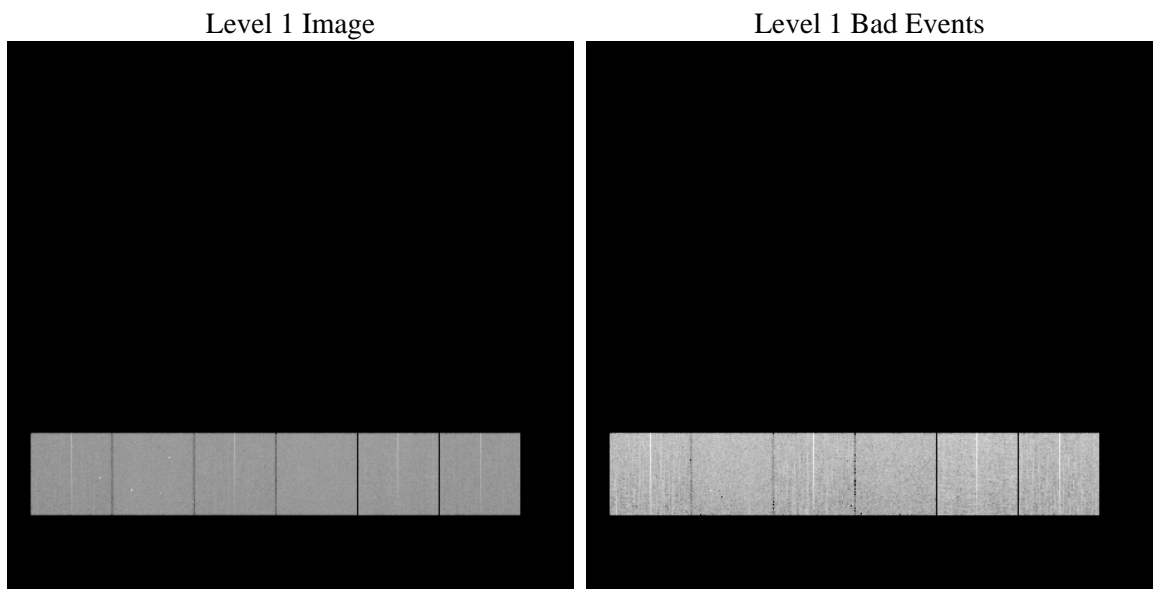
1 Front

seq_num	 	Sequence number
obs_id	59253	Observation id
title	ACIS-456789 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	101.46939231106	Nominal RA [deg]
dec_nom	37.515143961616	Nominal Dec [deg]
roll_nom	115.21976076712	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7647.999971509	Sum of GTIs [s]
livetime	7551.156390797	Livetime [s]
ontime4	7223.4307032228	Sum of GTIs [s]
ontime5	7647.999971509	Sum of GTIs [s]
ontime6	7579.9392256737	Sum of GTIs [s]
ontime7	7647.999971509	Sum of GTIs [s]
ontime8	7644.7589911819	Sum of GTIs [s]
ontime9	7528.0834905803	Sum of GTIs [s]
l2events	945083	Number of level 2 events

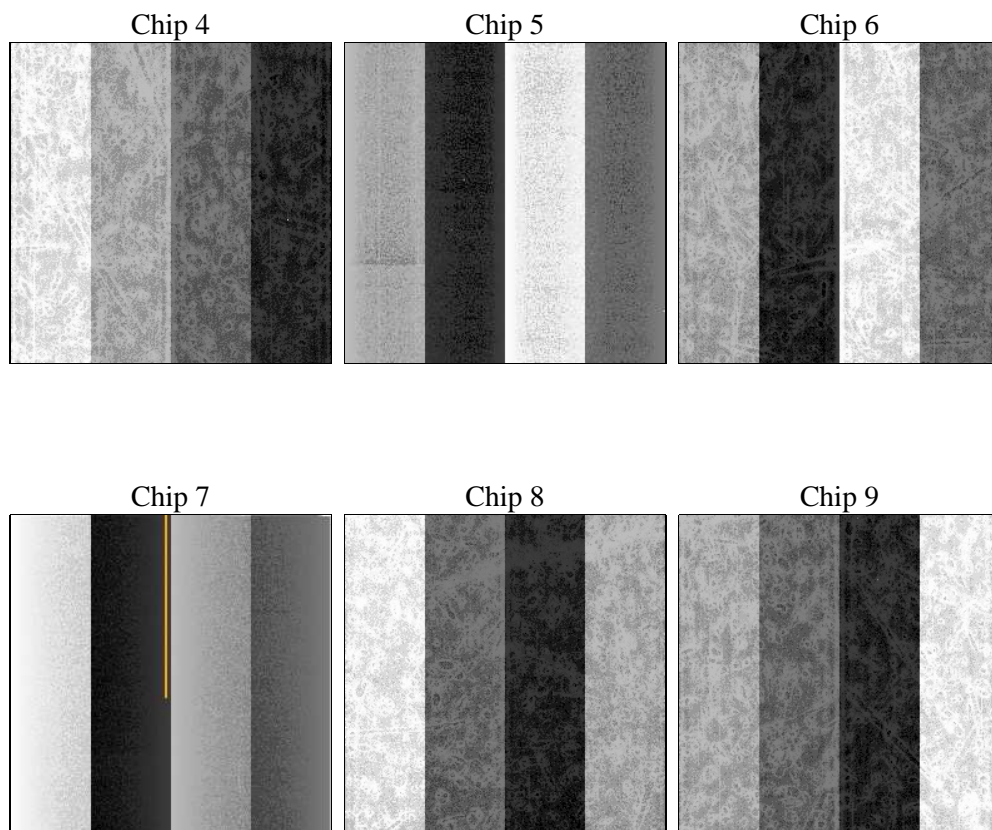
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7800	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	7647.999971509	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7223.4307032228	Sum of GTIs [s]
date	2012-03-18T12:15:37	Date and time of file creation	ontime5	7647.999971509	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	7579.9392256737	Sum of GTIs [s]
			ontime7	7647.999971509	Sum of GTIs [s]
			ontime8	7644.7589911819	Sum of GTIs [s]
			ontime9	7528.0834905803	Sum of GTIs [s]
			l1events	1396422	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	215137	232999	229706	244489	249687	224404	grade 0 events	88469	35158	91641	44652	96073	88793
rejected events	66025	61303	63590	56390	72871	65282		41%	15%	39%	18%	38%	39%
rejected %	30%	26%	27%	23%	29%	29%	grade 1 events	724	293	461	158	567	599
								0%	0%	0%	0%	0%	0%
							grade 2 events	23776	63466	29341	42078	32306	27580
								11%	27%	12%	17%	12%	12%
							grade 3 events	10057	9831	10596	18907	11974	10663
								4%	4%	4%	7%	4%	4%
							grade 4 events	9978	9659	10740	18789	11896	10489
								4%	4%	4%	7%	4%	4%
							grade 5 events	3449	8678	3796	8986	4547	4085
								1%	3%	1%	3%	1%	1%
							grade 6 events	19448	56868	27064	67493	27967	24653
								9%	24%	11%	27%	11%	10%
							grade 7 events	59236	49046	56067	43426	64357	57542
								27%	21%	24%	17%	25%	25%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	101.4694074561067	101.4693923110648
[deg] Pointing Dec	37.51511905232563	37.51514396161586
[deg] Pointing Roll	115.2197515389553	115.2197607671155
[mm] SIM focus pos	-1.0388663562	-1.0388663562
[mm] SIM defocus	0.4944702069557434	0.4944702069557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	250388632.982561	250388632.982561
Observation start date	2005-12-08T00:47:00	2005-12-08T00:23:52
[s] Observation end time (MET)	250398150.501752	250398150.501752
Observation end date	2005-12-08T02:57:00	2005-12-08T03:02:30
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.03.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.647999971509

A.2 Comments