

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57797 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 15 2012

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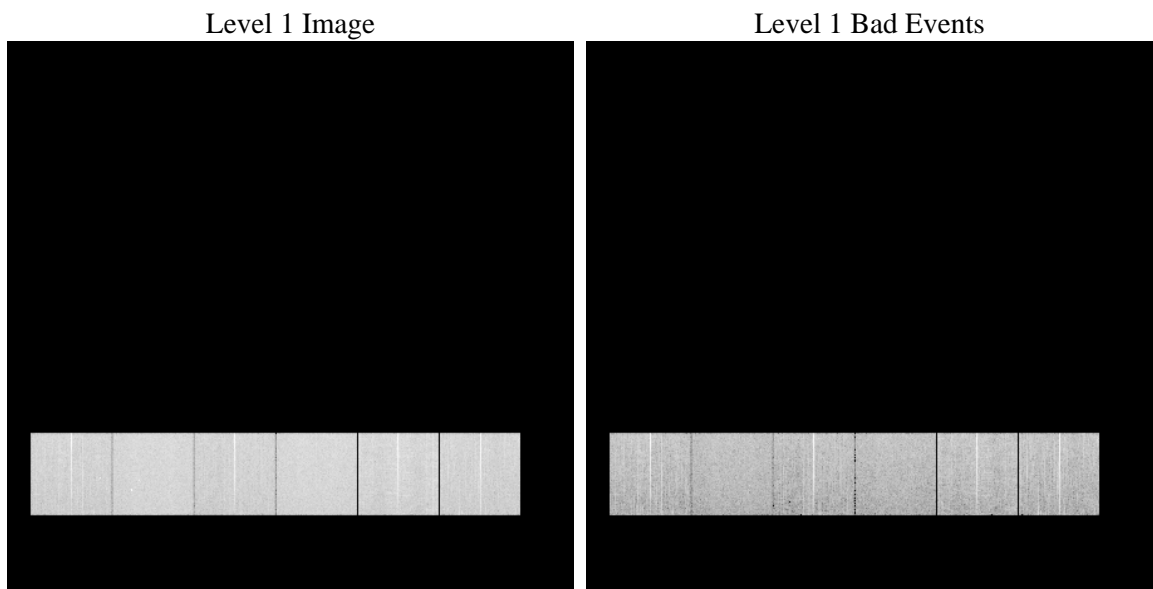
1 Front

seq_num	 	Sequence number
obs_id	57797	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	248.57286562622	Nominal RA [deg]
dec_nom	2.2905272253802	Nominal Dec [deg]
roll_nom	166.43410647741	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.2444676161	Sum of GTIs [s]
livetime	8169.4710020153	Livetime [s]
ontime4	8274.1213476062	Sum of GTIs [s]
ontime5	8274.2034276128	Sum of GTIs [s]
ontime6	8274.1623876095	Sum of GTIs [s]
ontime7	8274.2444676161	Sum of GTIs [s]
ontime8	8274.0803076029	Sum of GTIs [s]
ontime9	8274.2855076194	Sum of GTIs [s]
l2events	623024	Number of level 2 events

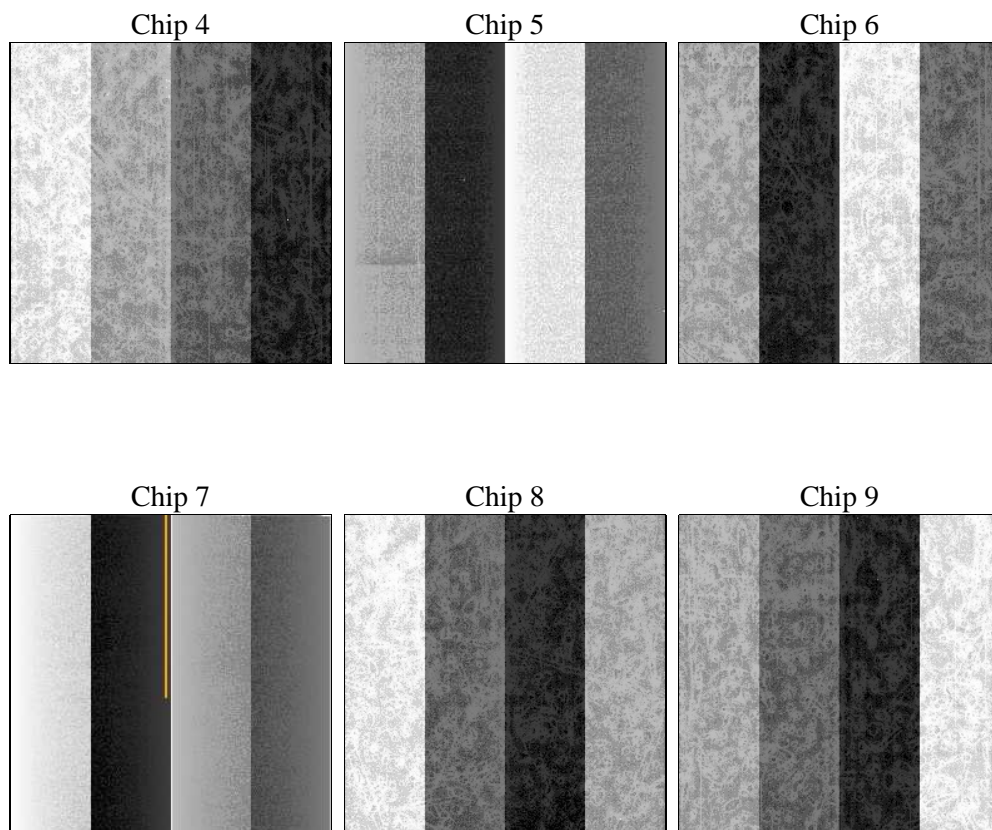
2 OBI

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	8.4.4	Processing system revision	ontime	8274.2444676161	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8274.1213476062	Sum of GTIs [s]
date	2012-05-15T17:10:00	Date and time of file creation	ontime5	8274.2034276128	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8274.1623876095	Sum of GTIs [s]
			ontime7	8274.2444676161	Sum of GTIs [s]
			ontime8	8274.0803076029	Sum of GTIs [s]
			ontime9	8274.2855076194	Sum of GTIs [s]
			l1events	1112550	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	174968	196084	173077	197845	195120	175456	grade 0 events	54322	20209	54043	26756	58162	53101
rejected events	79451	68359	71223	65386	80756	77158		31%	10%	31%	13%	29%	30%
rejected %	45%	34%	41%	33%	41%	43%	grade 1 events	522	214	326	160	409	408
								0%	0%	0%	0%	0%	0%
							grade 2 events	15302	45857	17835	28837	21072	16936
								8%	23%	10%	14%	10%	9%
							grade 3 events	6814	6471	6530	12637	8140	6460
								3%	3%	3%	6%	4%	3%
							grade 4 events	6502	6168	6620	12476	7909	6427
								3%	3%	3%	6%	4%	3%
							grade 5 events	4081	9343	4182	10822	5480	4679
								2%	4%	2%	5%	2%	2%
							grade 6 events	12577	49020	16826	51753	19081	15374
								7%	24%	9%	26%	9%	8%
							grade 7 events	74848	58802	66715	54404	74867	72071
								42%	29%	38%	27%	38%	41%

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	0	248.5728656262246
[deg] Pointing Dec	0	2.29052722538016
[deg] Pointing Roll	0.0	166.4341064774078
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	328112797.926881	328112796.9019
Observation start date	2008-05-25T14:26:38	2008-05-25T14:26:36
[s] Observation end time (MET)	328125479.227499	328125478.20252
Observation end date	2008-05-25T17:57:59	2008-05-25T17:57:58
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2742444676161

A.2 Comments