

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61301 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

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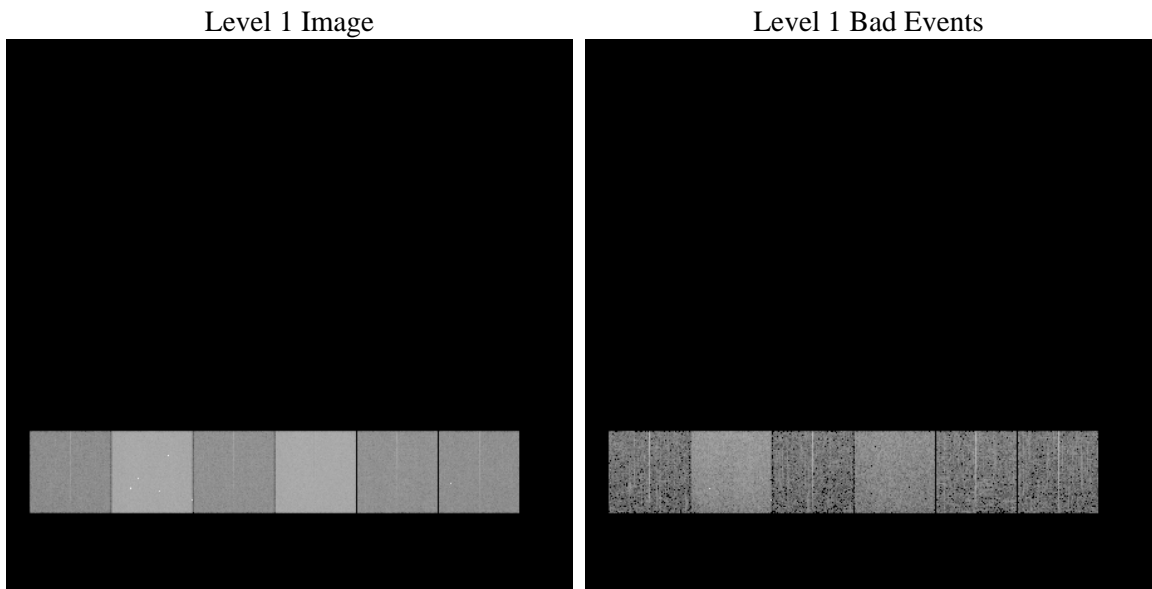
1 Front

seq_num	 	Sequence number
obs_id	61301	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	120.03832670031	Nominal RA [deg]
dec_nom	-42.003234305426	Nominal Dec [deg]
roll_nom	320.70222870025	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6613.4201449901	Sum of GTIs [s]
livetime	6529.6770369907	Livetime [s]
ontime4	2409.9746810645	Sum of GTIs [s]
ontime5	7049.8190456182	Sum of GTIs [s]
ontime6	2607.6366820186	Sum of GTIs [s]
ontime7	6613.4201449901	Sum of GTIs [s]
ontime8	2653.0933219492	Sum of GTIs [s]
ontime9	2558.8981515169	Sum of GTIs [s]
l2events	1217025	Number of level 2 events

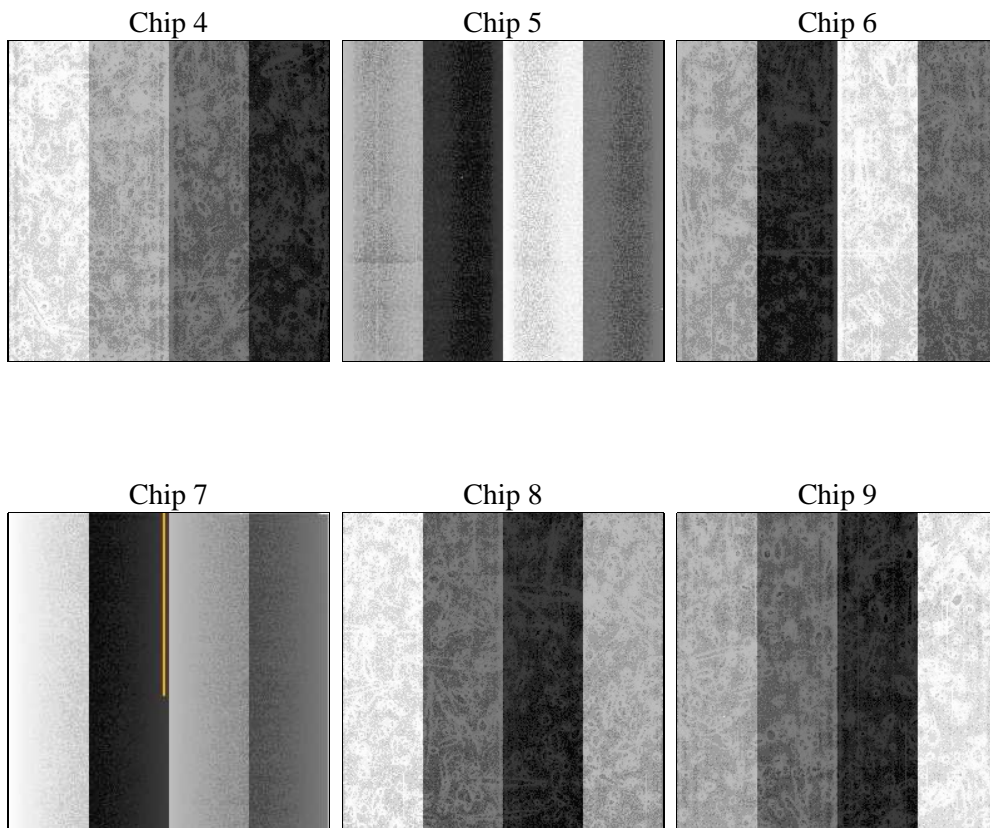
2 OBI

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	6613.4201449901	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2409.9746810645	Sum of GTIs [s]
date	2012-10-03T02:47:16	Date and time of file creation	ontime5	7049.8190456182	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2607.6366820186	Sum of GTIs [s]
			ontime7	6613.4201449901	Sum of GTIs [s]
			ontime8	2653.0933219492	Sum of GTIs [s]
			ontime9	2558.8981515169	Sum of GTIs [s]
			l1events	1450920	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	145428	400582	166466	406360	172728	159356	grade 0 events	70391	84550	79650	93841	81581	75662
rejected events	20539	52303	20189	36483	23998	21424		48%	21%	47%	23%	47%	47%
rejected %	14%	13%	12%	8%	13%	13%	grade 1 events	368	893	378	237	415	375
								0%	0%	0%	0%	0%	0%
							grade 2 events	22234	125752	25416	82319	26224	24325
								15%	31%	15%	20%	15%	15%
							grade 3 events	7699	21764	8875	37741	9463	8546
								5%	5%	5%	9%	5%	5%
							grade 4 events	7727	21038	9131	37347	9599	8629
								5%	5%	5%	9%	5%	5%
							grade 5 events	1196	9397	1480	7513	1698	1556
								0%	2%	0%	1%	0%	0%
							grade 6 events	16838	95175	23205	118629	21863	20770
								11%	23%	13%	29%	12%	13%
							grade 7 events	18975	42013	18331	28733	21885	19493
								13%	10%	11%	7%	12%	12%

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	120.0383267003132
[deg] Pointing Dec	0	-42.00323430542574
[deg] Pointing Roll	0.0	320.7022287002482
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	130669670.972	130669670.20317
Observation start date	2002-02-21T09:07:51	2002-02-21T09:07:50
[s] Observation end time (MET)	130681505.622	130681504.85365
Observation end date	2002-02-21T12:25:06	2002-02-21T12:25:04
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	0.000000	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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6134201449901

A.2 Comments