

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57681 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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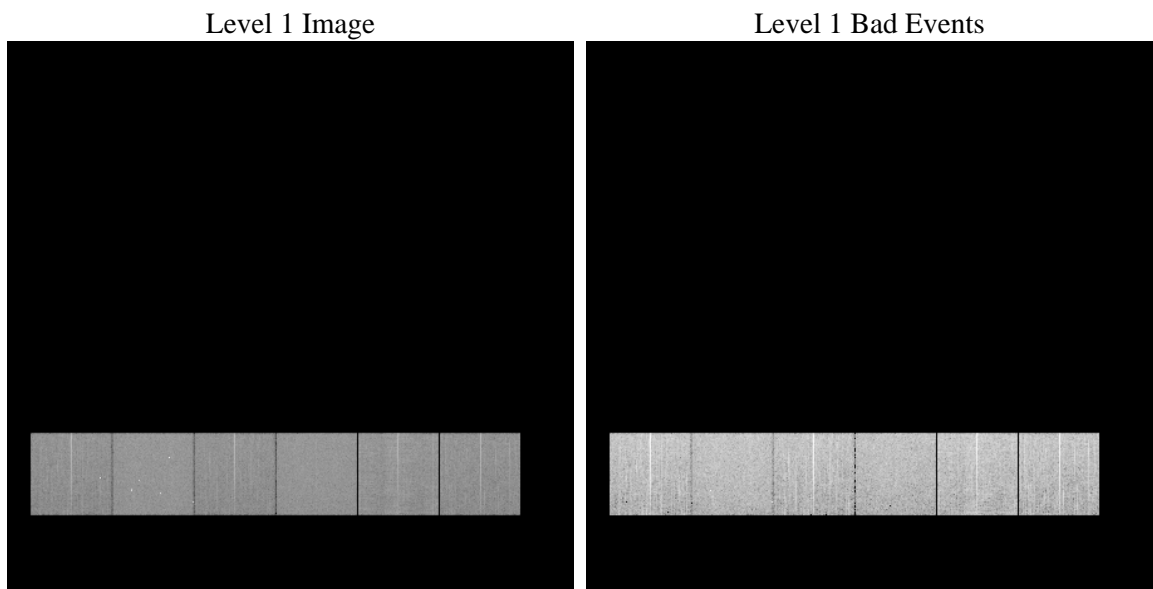
1 Front

seq_num	 	Sequence number
obs_id	57681	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	278.03185494378	Nominal RA [deg]
dec_nom	-37.011337268288	Nominal Dec [deg]
roll_nom	302.50611850866	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6623.9999753833	Sum of GTIs [s]
livetime	6540.122899201	Livetime [s]
ontime4	6623.9999753833	Sum of GTIs [s]
ontime5	6623.9999753833	Sum of GTIs [s]
ontime6	6623.9999753833	Sum of GTIs [s]
ontime7	6623.9999753833	Sum of GTIs [s]
ontime8	6623.9999753833	Sum of GTIs [s]
ontime9	6623.9999753833	Sum of GTIs [s]
l2events	483836	Number of level 2 events

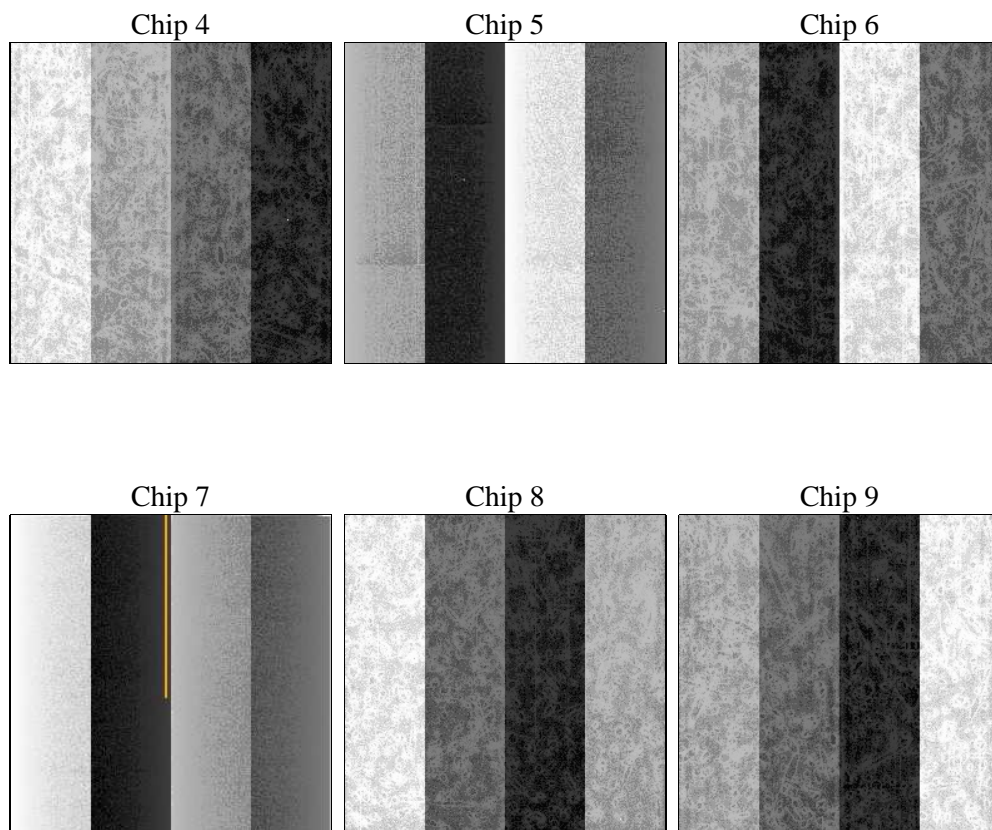
2 OBI

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	6623.9999753833	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6623.9999753833	Sum of GTIs [s]
date	2012-05-18T14:24:07	Date and time of file creation	ontime5	6623.9999753833	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6623.9999753833	Sum of GTIs [s]
			ontime7	6623.9999753833	Sum of GTIs [s]
			ontime8	6623.9999753833	Sum of GTIs [s]
			ontime9	6623.9999753833	Sum of GTIs [s]
			l1events	884901	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	137369	161427	137383	156433	154995	137294	grade 0 events	43117	18113	41721	20476	45123	40709
rejected events	62746	57174	58919	52537	65419	61518		31%	11%	30%	13%	29%	29%
rejected %	45%	35%	42%	33%	42%	44%	grade 1 events	389	250	275	124	289	330
								0%	0%	0%	0%	0%	0%
							grade 2 events	11794	36578	13629	22619	16620	13211
								8%	22%	9%	14%	10%	9%
							grade 3 events	5195	5039	5132	9550	6441	5141
								3%	3%	3%	6%	4%	3%
							grade 4 events	5079	4973	5096	9868	6310	5020
								3%	3%	3%	6%	4%	3%
							grade 5 events	3370	7858	3510	8535	4467	3887
								2%	4%	2%	5%	2%	2%
							grade 6 events	9438	39550	12886	41383	15082	11695
								6%	24%	9%	26%	9%	8%
							grade 7 events	58987	49066	55134	43878	60663	57301
								42%	30%	40%	28%	39%	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	278.0318549437832
[deg] Pointing Dec	0	-37.01133726828838
[deg] Pointing Roll	0.0	302.5061185086607
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	333094203.870523	333094202.8455
Observation start date	2008-07-22T06:10:04	2008-07-22T06:10:02
[s] Observation end time (MET)	333106993.821149	333106992.79612
Observation end date	2008-07-22T09:43:14	2008-07-22T09:43:12
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6239999753833

A.2 Comments