

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60591 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 3 2012

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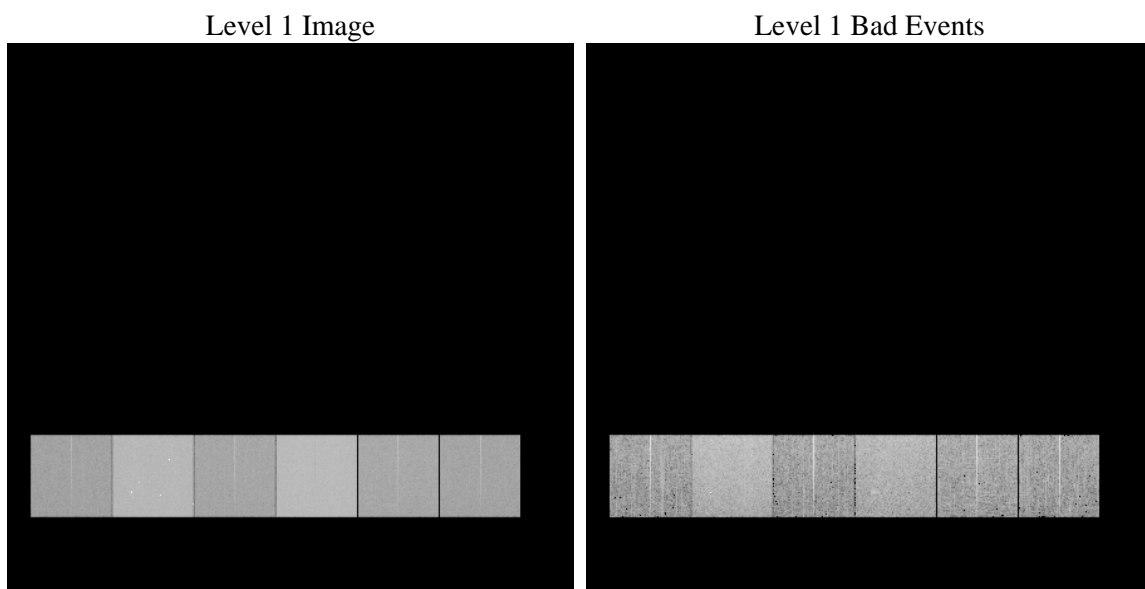
1 Front

seq_num	 	Sequence number
obs_id	60591	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	359.97616657115	Nominal RA [deg]
dec_nom	0.015860931421248	Nominal Dec [deg]
roll_nom	113.48755014505	Nominal Roll [deg]
revision	3	Processing version of data
ontime	11823.708110094	Sum of GTIs [s]
livetime	11673.989198622	Livetime [s]
ontime4	5162.9656415582	Sum of GTIs [s]
ontime5	11823.667070091	Sum of GTIs [s]
ontime6	5649.1173190475	Sum of GTIs [s]
ontime7	11823.708110094	Sum of GTIs [s]
ontime8	5886.0700442493	Sum of GTIs [s]
ontime9	5415.7648188174	Sum of GTIs [s]
l2events	1746792	Number of level 2 events

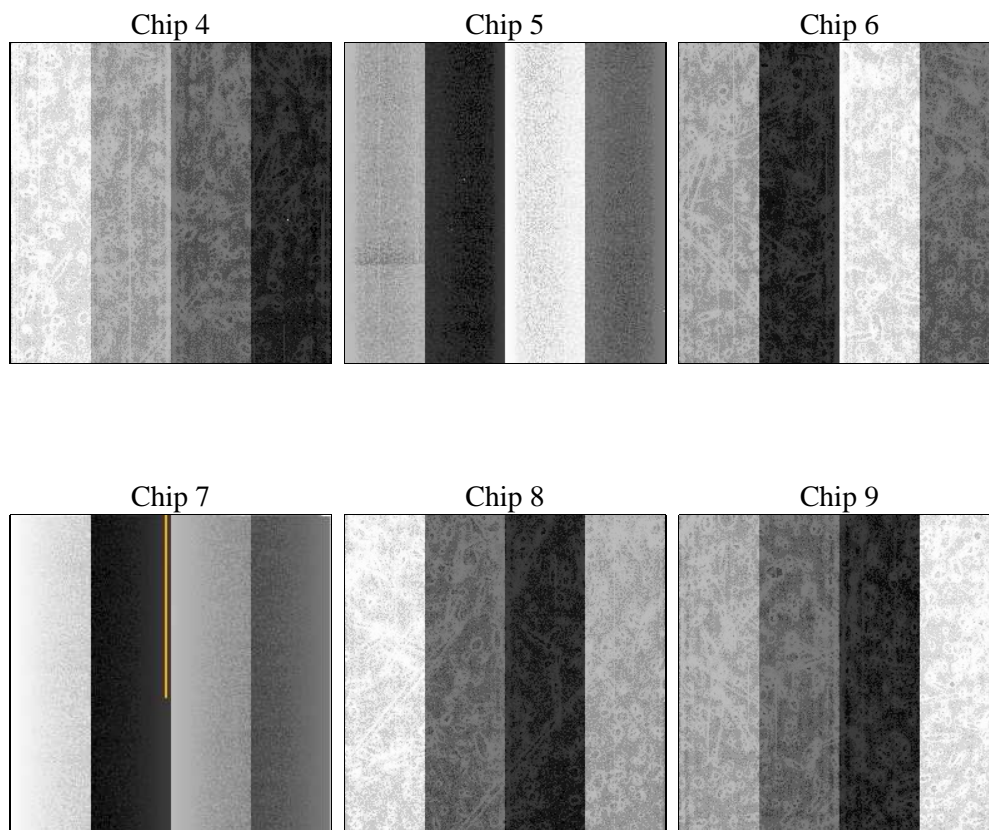
2 OBI

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	11823.708110094	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5162.9656415582	Sum of GTIs [s]
date	2012-11-03T14:56:38	Date and time of file creation	ontime5	11823.667070091	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5649.1173190475	Sum of GTIs [s]
			ontime7	11823.708110094	Sum of GTIs [s]
			ontime8	5886.0700442493	Sum of GTIs [s]
			ontime9	5415.7648188174	Sum of GTIs [s]
			l1events	2143174	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	240494	513163	276584	558451	295680	258802	grade 0 events	115303	103636	127586	125043	135911	118764
rejected events	40359	77314	40561	64010	46189	41428		47%	20%	46%	22%	45%	45%
rejected %	16%	15%	14%	11%	15%	16%	grade 1 events	918	571	657	373	793	711
								0%	0%	0%	0%	0%	0%
							grade 2 events	31576	154358	40630	108642	43155	36952
								13%	30%	14%	19%	14%	14%
							grade 3 events	13510	27058	14587	49025	16151	13662
								5%	5%	5%	8%	5%	5%
							grade 4 events	13093	26613	14483	48589	15790	13794
								5%	5%	5%	8%	5%	5%
							grade 5 events	2451	13113	2806	11716	3268	2892
								1%	2%	1%	2%	1%	1%
							grade 6 events	26653	124285	38737	163258	38591	34202
								11%	24%	14%	29%	13%	13%
							grade 7 events	36990	63529	37098	51805	42021	37825
								15%	12%	13%	9%	14%	14%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	359.9761665711492	Alternating exposures requested	N	N
[deg] Pointing Dec	0	0.01586093142124816	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	113.4875501450471			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	177044648.106762	177044647.08204			
Observation start date	2003-08-12T03:04:08	2003-08-12T03:04:07			
[s] Observation end time (MET)	177085566.108512	177085565.08379			
Observation end date	2003-08-12T14:26:06	2003-08-12T14:26:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.823708110094

A.2 Comments