

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59189 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 22 2012

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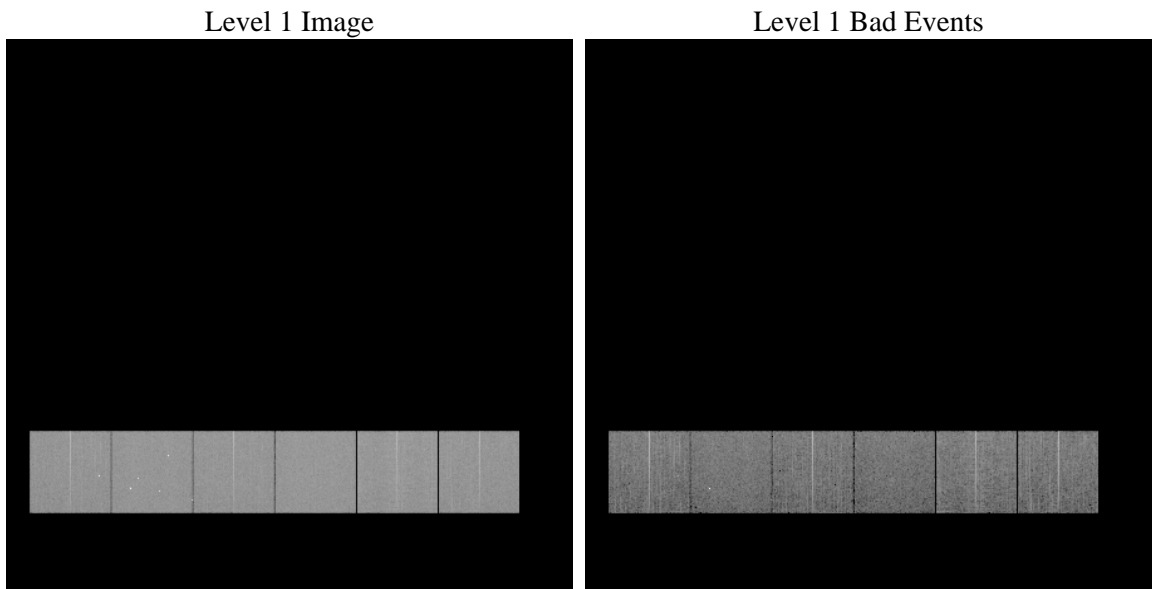
1 Front

seq_num	 	Sequence number
obs_id	59189	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	79.49748493981	Nominal RA [deg]
dec_nom	37.971671752882	Nominal Dec [deg]
roll_nom	245.19524388921	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8162.8745875657	Sum of GTIs [s]
livetime	8059.5113544449	Livetime [s]
ontime4	8046.0762367249	Sum of GTIs [s]
ontime5	8162.8335475624	Sum of GTIs [s]
ontime6	8153.0695865452	Sum of GTIs [s]
ontime7	8162.8745875657	Sum of GTIs [s]
ontime8	8162.7104275823	Sum of GTIs [s]
ontime9	8127.2648642957	Sum of GTIs [s]
l2events	994749	Number of level 2 events

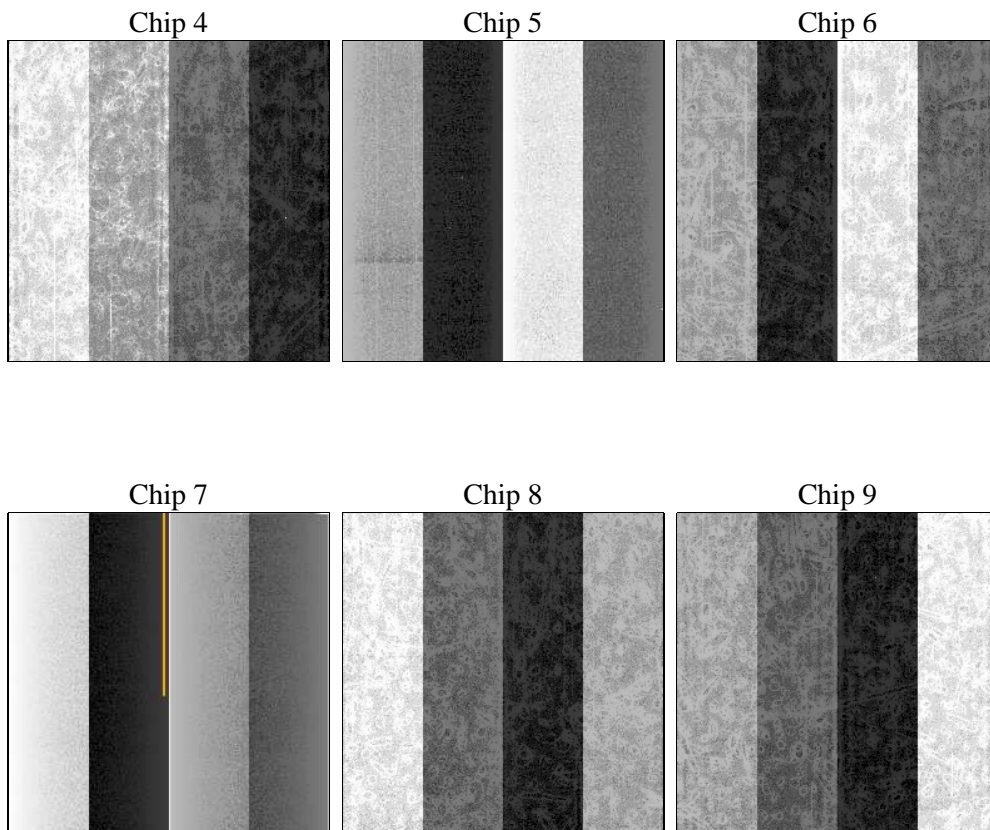
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	8162.8745875657	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	8046.0762367249	Sum of GTIs [s]
date	2012-03-22T03:26:10	Date and time of file creation	ontime5	8162.8335475624	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8153.0695865452	Sum of GTIs [s]
			ontime7	8162.8745875657	Sum of GTIs [s]
			ontime8	8162.7104275823	Sum of GTIs [s]
			ontime9	8127.2648642957	Sum of GTIs [s]
			l1events	1464286	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	232287	246894	240722	251220	257828	235335	grade 0 events	93987	38673	94834	45319	98381	91856
rejected events	70164	64175	66058	55355	74024	68056		40%	15%	39%	18%	38%	39%
rejected %	30%	25%	27%	22%	28%	28%	grade 1 events	848	205	505	158	581	605
								0%	0%	0%	0%	0%	0%
							grade 2 events	26000	65007	30533	42759	32442	28856
								11%	26%	12%	17%	12%	12%
							grade 3 events	11027	10221	10819	19310	12494	10816
								4%	4%	4%	7%	4%	4%
							grade 4 events	10920	10231	11000	19301	12440	10881
								4%	4%	4%	7%	4%	4%
							grade 5 events	3981	10799	4069	9415	4977	4343
								1%	4%	1%	3%	1%	1%
							grade 6 events	20648	59222	28084	69832	28684	25400
								8%	23%	11%	27%	11%	10%
							grade 7 events	64876	52536	60878	45126	67829	62578
								27%	21%	25%	17%	26%	26%

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	79.49748493981031	Alternating exposures requested	N	N
[deg] Pointing Dec	0	37.97167175288223	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	245.1952438892062			
[mm] SIM focus pos	-0.684267	-1.526339935833849			
[mm] SIM defocus	0	0.006996703570447904			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	252952197.051207	252952196.02621			
Observation start date	2006-01-06T16:29:57	2006-01-06T16:29:56			
[s] Observation end time (MET)	252964714.351786	252964713.32679			
Observation end date	2006-01-06T19:58:34	2006-01-06T19:58:33			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1628745875657

A.2 Comments