

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62184 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 22 2012

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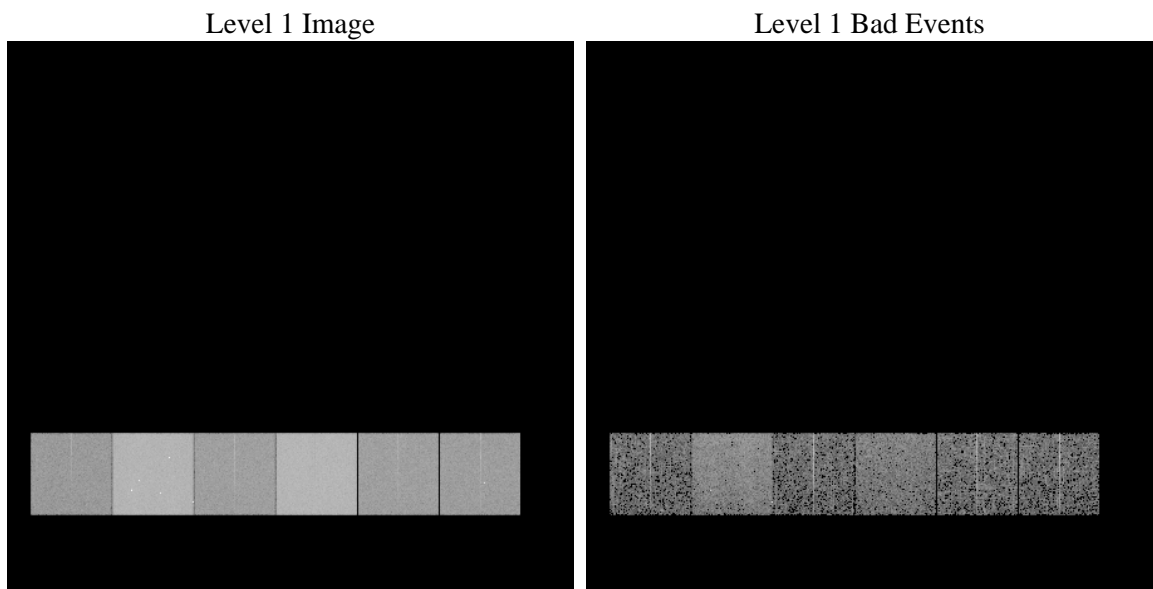
1 Front

seq_num	 	Sequence number
obs_id	62184	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	184.95545539397	Nominal RA [deg]
dec_nom	55.014346071766	Nominal Dec [deg]
roll_nom	120.28498437652	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2907.8260714486	Sum of GTIs [s]
livetime	2871.0054268493	Livetime [s]
ontime4	1114.3584521338	Sum of GTIs [s]
ontime5	3099.0436918437	Sum of GTIs [s]
ontime6	1273.1282427981	Sum of GTIs [s]
ontime7	2907.8260714486	Sum of GTIs [s]
ontime8	1263.4872825742	Sum of GTIs [s]
ontime9	1230.8716825098	Sum of GTIs [s]
l2events	919807	Number of level 2 events

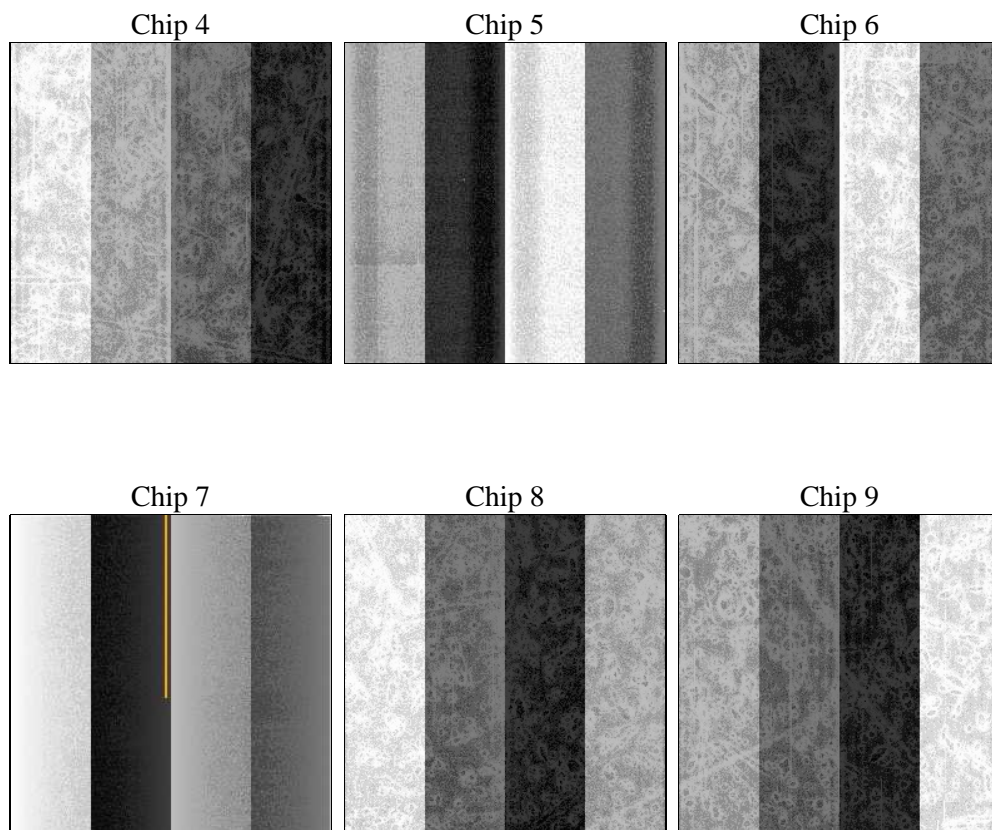
2 OBI

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	2907.8260714486	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1114.3584521338	Sum of GTIs [s]
date	2012-08-22T03:09:41	Date and time of file creation	ontime5	3099.0436918437	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	1273.1282427981	Sum of GTIs [s]
			ontime7	2907.8260714486	Sum of GTIs [s]
			ontime8	1263.4872825742	Sum of GTIs [s]
			ontime9	1230.8716825098	Sum of GTIs [s]
			l1events	1059531	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	108335	278261	131305	287176	131655	122799	grade 0 events	54118	63710	64581	69365	64153	60567
rejected events	13058	27452	13031	17612	14657	12792		49%	22%	49%	24%	48%	49%
rejected %	12%	9%	9%	6%	11%	10%	grade 1 events	378	492	376	202	412	380
								0%	0%	0%	0%	0%	0%
							grade 2 events	16777	88260	20391	59924	20803	19323
								15%	31%	15%	20%	15%	15%
							grade 3 events	5851	16492	7331	27815	7370	6746
								5%	5%	5%	9%	5%	5%
							grade 4 events	5672	16348	7267	27358	7373	6846
								5%	5%	5%	9%	5%	5%
							grade 5 events	912	5791	954	4045	1135	1037
								0%	2%	0%	1%	0%	0%
							grade 6 events	12859	66252	18704	85375	17299	16525
								11%	23%	14%	29%	13%	13%
							grade 7 events	11768	20916	11701	13092	13110	11375
								10%	7%	8%	4%	9%	9%

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	184.9554553939698	Alternating exposures requested	N	N
[deg] Pointing Dec	0	55.0143460717662	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	120.2849843765189			
[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)	66245782.144	66245781.375715			
Observation start date	2000-02-06T17:36:22	2000-02-06T17:36:21			
[s] Observation end time (MET)	66280232.395	66280231.626969			
Observation end date	2000-02-07T03:10:32	2000-02-07T03:10:31			
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)	2012.08.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.9078260714486

A.2 Comments