

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59168 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 23 2012

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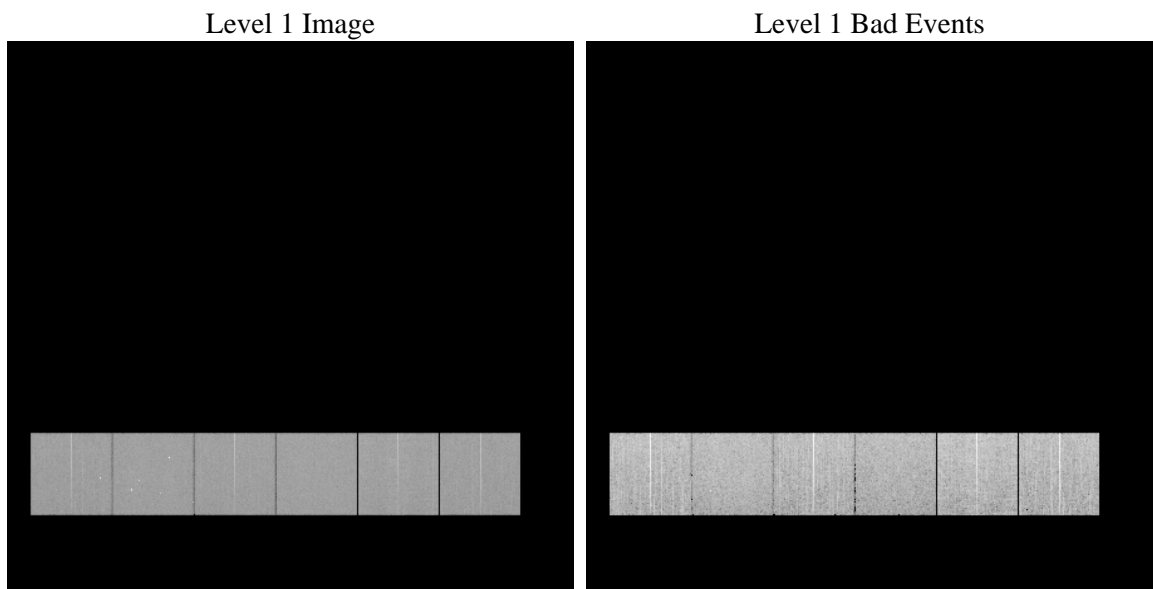
1 Front

seq_num	 	Sequence number
obs_id	59168	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	203.68905555044	Nominal RA [deg]
dec_nom	-13.569504407397	Nominal Dec [deg]
roll_nom	68.670317806676	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8280.1420717835	Sum of GTIs [s]
livetime	8175.2939271676	Livetime [s]
ontime4	8280.0189517736	Sum of GTIs [s]
ontime5	8280.1010317802	Sum of GTIs [s]
ontime6	8280.0599917769	Sum of GTIs [s]
ontime7	8280.1420717835	Sum of GTIs [s]
ontime8	8279.9779118001	Sum of GTIs [s]
ontime9	8280.1831117868	Sum of GTIs [s]
l2events	1006296	Number of level 2 events

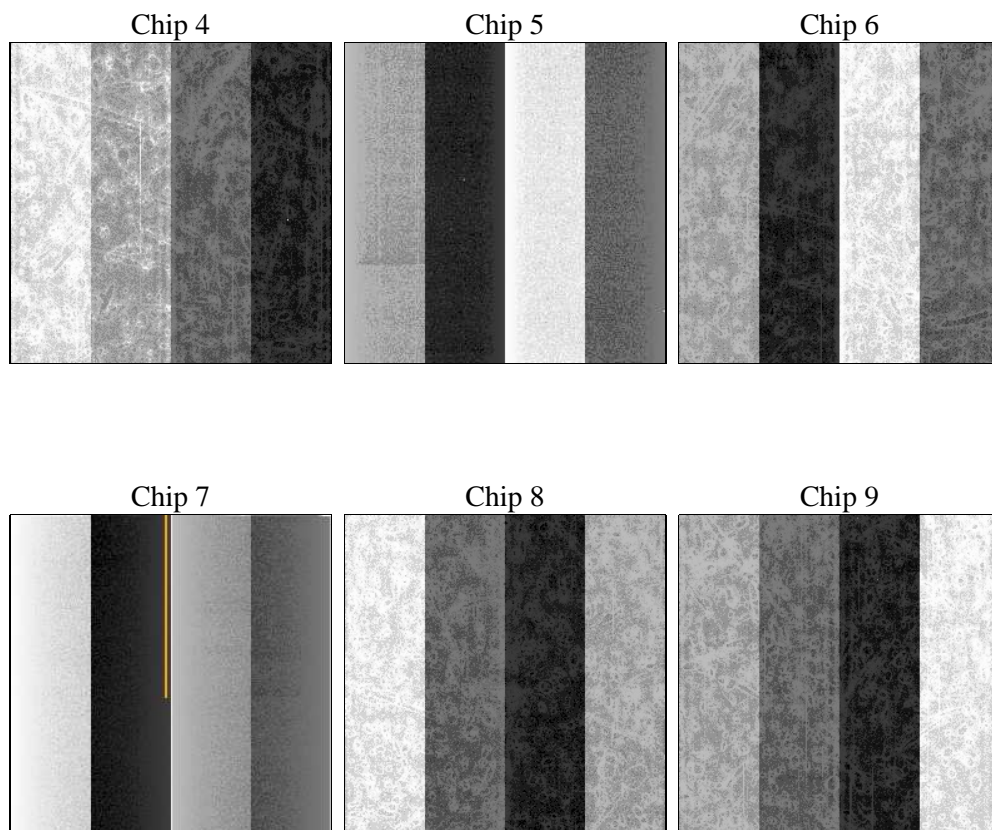
2 OBI

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	8.4.3	Processing system revision	ontime	8280.1420717835	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	8280.0189517736	Sum of GTIs [s]
date	2012-03-23T16:00:47	Date and time of file creation	ontime5	8280.1010317802	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8280.0599917769	Sum of GTIs [s]
			ontime7	8280.1420717835	Sum of GTIs [s]
			ontime8	8279.9779118001	Sum of GTIs [s]
			ontime9	8280.1831117868	Sum of GTIs [s]
			l1events	1470389	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	235967	243446	242659	252407	257264	238646	grade 0 events	95383	37918	95100	45391	98646	93197
rejected events	71052	60998	66064	55136	72332	68063		40%	15%	39%	17%	38%	39%
rejected %	30%	25%	27%	21%	28%	28%	grade 1 events	781	226	536	181	562	599
								0%	0%	0%	0%	0%	0%
							grade 2 events	26194	64648	30680	42747	32880	29555
								11%	26%	12%	16%	12%	12%
							grade 3 events	11114	10308	11022	19566	12520	11130
								4%	4%	4%	7%	4%	4%
							grade 4 events	11054	10125	11282	19461	12299	11071
								4%	4%	4%	7%	4%	4%
							grade 5 events	3942	8978	4039	9511	4897	4467
								1%	3%	1%	3%	1%	1%
							grade 6 events	21170	59449	28511	70106	28587	25630
								8%	24%	11%	27%	11%	10%
							grade 7 events	66329	51794	61489	45444	66873	62997
								28%	21%	25%	18%	25%	26%

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	203.6890555504381
[deg] Pointing Dec	0	-13.56950440739746
[deg] Pointing Roll	0.0	68.6703178066762
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	253861755.443395	253861754.41837
Observation start date	2006-01-17T05:09:15	2006-01-17T05:09:14
[s] Observation end time (MET)	253874543.343988	253874542.31896
Observation end date	2006-01-17T08:42:23	2006-01-17T08:42:22
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2801420717835

A.2 Comments