

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59801 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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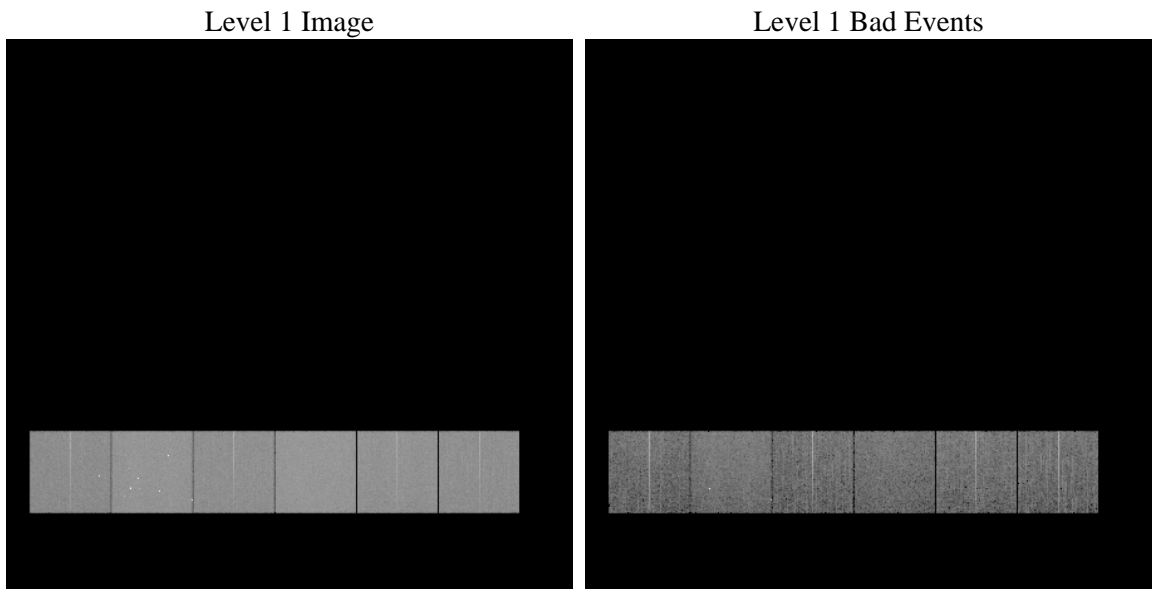
1 Front

seq_num	 	Sequence number
obs_id	59801	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	173.98124597015	Nominal RA [deg]
dec_nom	18.021054825643	Nominal Dec [deg]
roll_nom	98.380751741433	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7800.6983572245	Sum of GTIs [s]
livetime	7701.9212176087	Livetime [s]
ontime4	5872.1907450557	Sum of GTIs [s]
ontime5	7800.6573172212	Sum of GTIs [s]
ontime6	6352.392350167	Sum of GTIs [s]
ontime7	7800.6983572245	Sum of GTIs [s]
ontime8	6594.8884719908	Sum of GTIs [s]
ontime9	6255.1621650755	Sum of GTIs [s]
l2events	1031569	Number of level 2 events

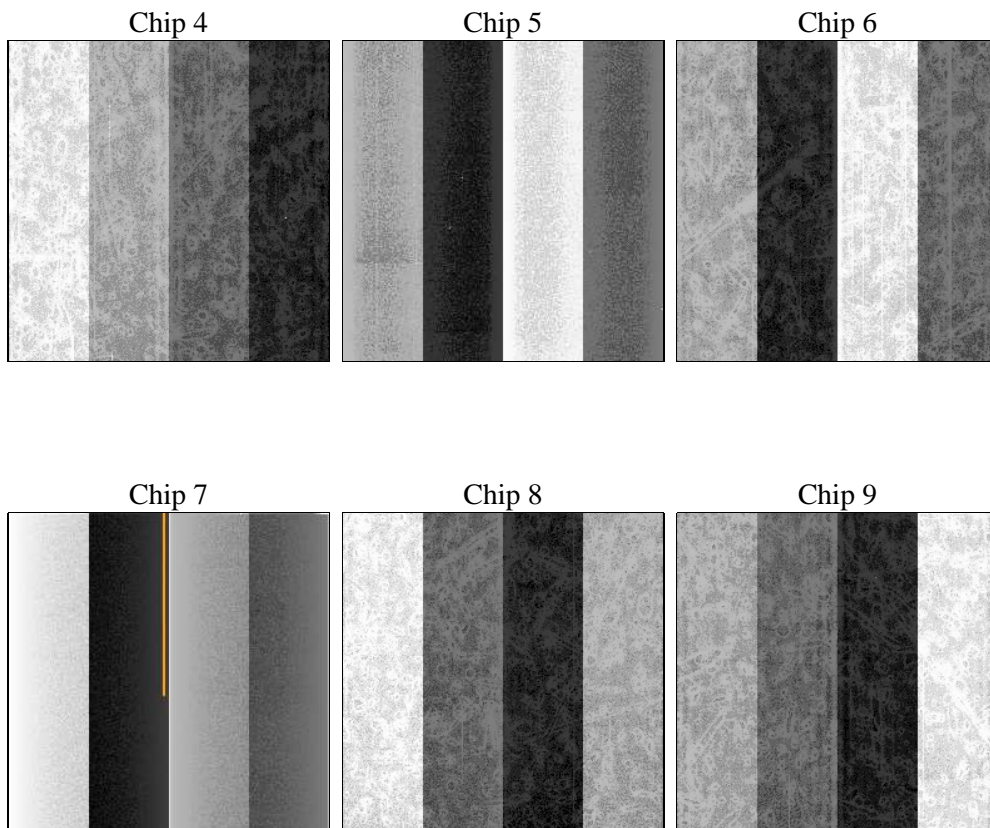
2 OBI

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	8.5.1	Processing system revision	ontime	7800.6983572245	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	5872.1907450557	Sum of GTIs [s]
date	2012-12-17T17:05:54	Date and time of file creation	ontime5	7800.6573172212	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	6352.392350167	Sum of GTIs [s]
			ontime7	7800.6983572245	Sum of GTIs [s]
			ontime8	6594.8884719908	Sum of GTIs [s]
			ontime9	6255.1621650755	Sum of GTIs [s]
			l1events	1409672	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	195812	267861	219632	274263	238547	213557	grade 0 events	88327	42491	92847	53613	99767	90661
rejected events	46164	58663	47735	47611	53244	49015		45%	15%	42%	19%	41%	42%
rejected %	23%	21%	21%	17%	22%	22%	grade 1 events	708	218	459	153	520	554
								0%	0%	0%	0%	0%	0%
							grade 2 events	22370	79711	29836	50196	32376	27562
								11%	29%	13%	18%	13%	12%
							grade 3 events	9883	10225	10628	21847	12414	10538
								5%	3%	4%	7%	5%	4%
							grade 4 events	9867	9885	10405	21945	12040	10450
								5%	3%	4%	8%	5%	4%
							grade 5 events	2660	9065	2967	8186	3718	3104
								1%	3%	1%	2%	1%	1%
							grade 6 events	19201	66886	28181	79051	28706	25331
								9%	24%	12%	28%	12%	11%
							grade 7 events	42796	49380	44309	39272	49006	45357
								21%	18%	20%	14%	20%	21%

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	173.9812459701498
[deg] Pointing Dec	0	18.02105482564256
[deg] Pointing Roll	0.0	98.38075174143329
[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)	224800894.662009	224800893.63702
Observation start date	2005-02-14T20:41:35	2005-02-14T20:41:33
[s] Observation end time (MET)	224814674.762632	224814673.73764
Observation end date	2005-02-15T00:31:15	2005-02-15T00:31:13
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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8006983572245

A.2 Comments