

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60886 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 20 2012

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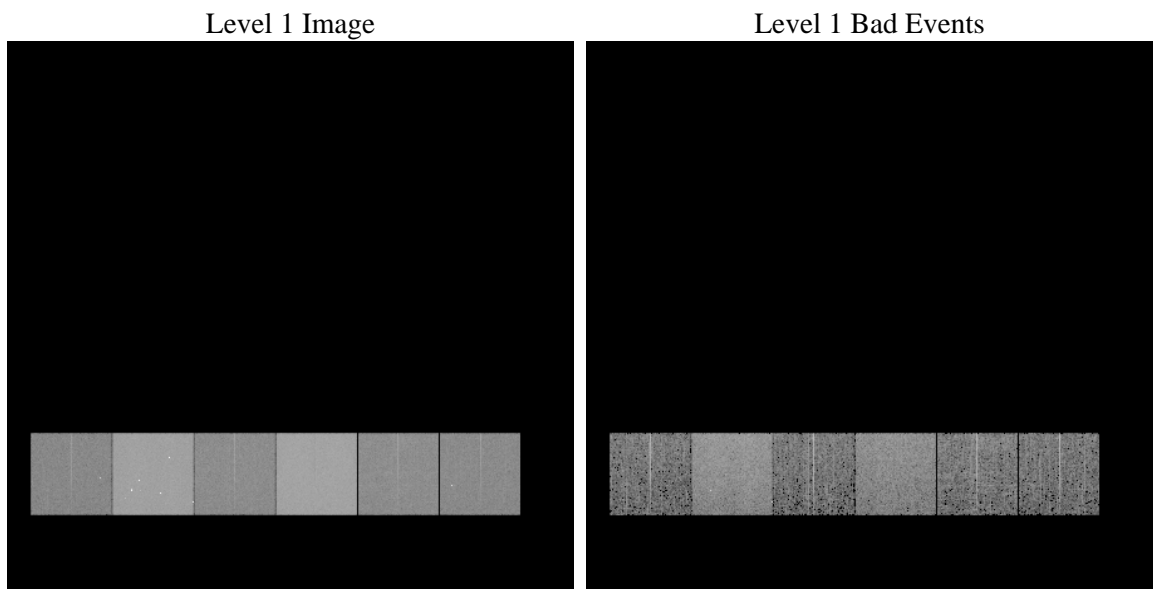
1 Front

seq_num	 	Sequence number
obs_id	60886	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	174.9964054842	Nominal RA [deg]
dec_nom	-3.9716237762899	Nominal Dec [deg]
roll_nom	64.277131598524	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7788.7999709845	Sum of GTIs [s]
livetime	7690.1734958996	Livetime [s]
ontime4	3000.6954651177	Sum of GTIs [s]
ontime5	7788.7999709845	Sum of GTIs [s]
ontime6	3360.4076129198	Sum of GTIs [s]
ontime7	7788.7999709845	Sum of GTIs [s]
ontime8	3386.4179234803	Sum of GTIs [s]
ontime9	3191.7516885698	Sum of GTIs [s]
l2events	1164042	Number of level 2 events

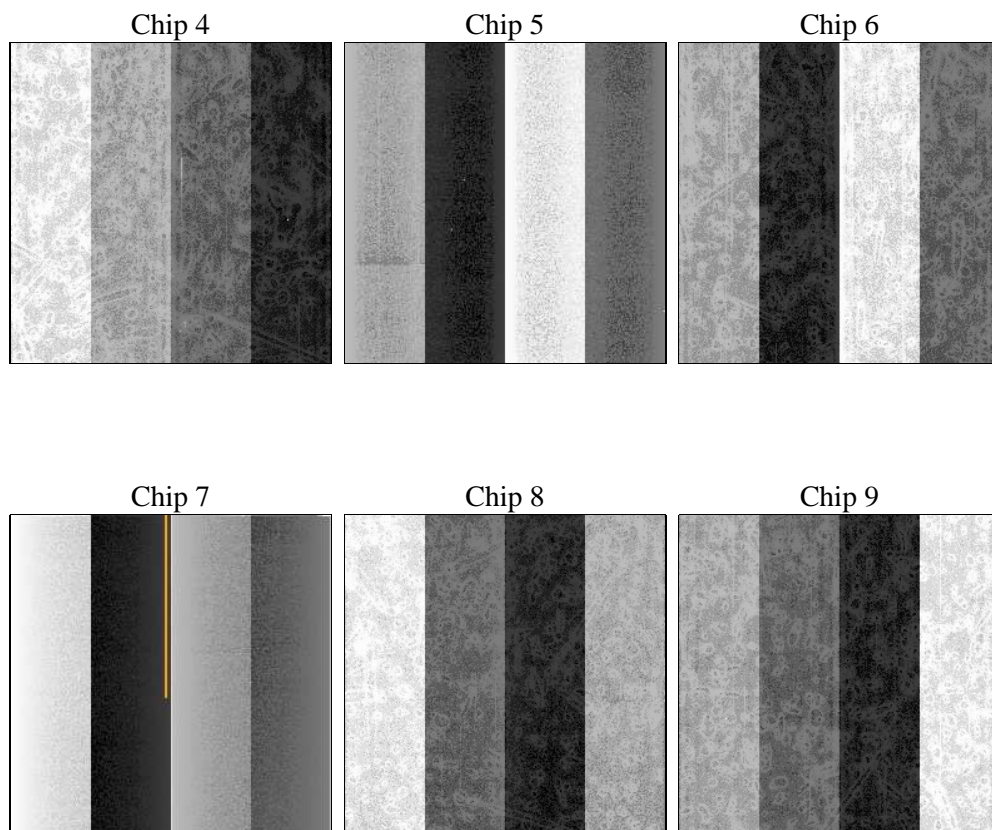
2 OBI

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	7788.7999709845	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3000.6954651177	Sum of GTIs [s]
date	2012-10-20T16:11:45	Date and time of file creation	ontime5	7788.7999709845	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3360.4076129198	Sum of GTIs [s]
			ontime7	7788.7999709845	Sum of GTIs [s]
			ontime8	3386.4179234803	Sum of GTIs [s]
			ontime9	3191.7516885698	Sum of GTIs [s]
			l1events	1424873	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	148358	370023	174872	390627	179830	161163	grade 0 events	73092	72294	82667	86492	84041	76667
rejected events	23994	54721	24678	42739	27484	23371		49%	19%	47%	22%	46%	47%
rejected %	16%	14%	14%	10%	15%	14%	grade 1 events	590	387	383	246	421	440
								0%	0%	0%	0%	0%	0%
							grade 2 events	19026	118090	25653	76529	26345	23173
								12%	31%	14%	19%	14%	14%
							grade 3 events	8274	17871	9293	34789	9776	8742
								5%	4%	5%	8%	5%	5%
							grade 4 events	8288	17364	9221	34450	9754	8873
								5%	4%	5%	8%	5%	5%
							grade 5 events	1449	9671	1744	8242	1942	1638
								0%	2%	0%	2%	1%	1%
							grade 6 events	15684	89804	23360	115759	22430	20337
								10%	24%	13%	29%	12%	12%
							grade 7 events	21955	44542	22551	34120	25121	21293
								14%	12%	12%	8%	13%	13%

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	174.9964054842041	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-3.971623776289881	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	64.27713159852362			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	158550088.524758	158550087.50004			
Observation start date	2003-01-10T01:41:29	2003-01-10T01:41:27			
[s] Observation end time (MET)	158561638.225241	158561637.20053			
Observation end date	2003-01-10T04:53:58	2003-01-10T04:53:57			
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)	2012.11.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7887999709845

A.2 Comments