

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60914 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 15 2013

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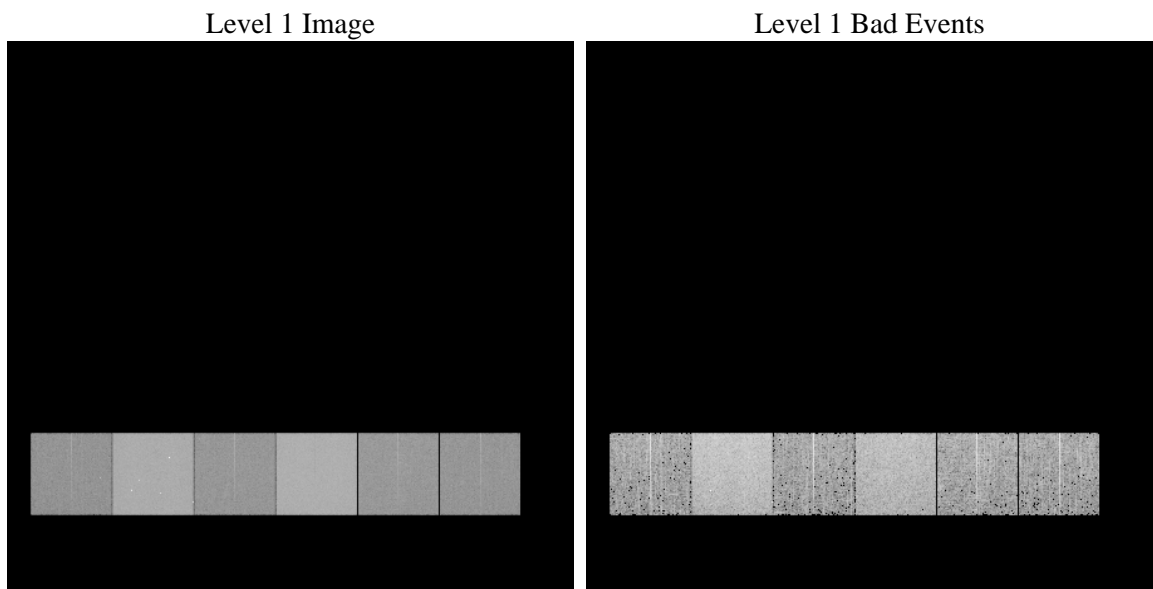
1 Front

seq_num	 	Sequence number
obs_id	60914	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	41.228650741133	Nominal RA [deg]
dec_nom	-17.208274222571	Nominal Dec [deg]
roll_nom	310.29963115268	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8377.1621771455	Sum of GTIs [s]
livetime	8271.085505537	Livetime [s]
ontime4	3278.9813676775	Sum of GTIs [s]
ontime5	8377.1211371422	Sum of GTIs [s]
ontime6	3539.2074683607	Sum of GTIs [s]
ontime7	8377.1621771455	Sum of GTIs [s]
ontime8	3729.4407209754	Sum of GTIs [s]
ontime9	3510.0390255153	Sum of GTIs [s]
l2events	1278255	Number of level 2 events

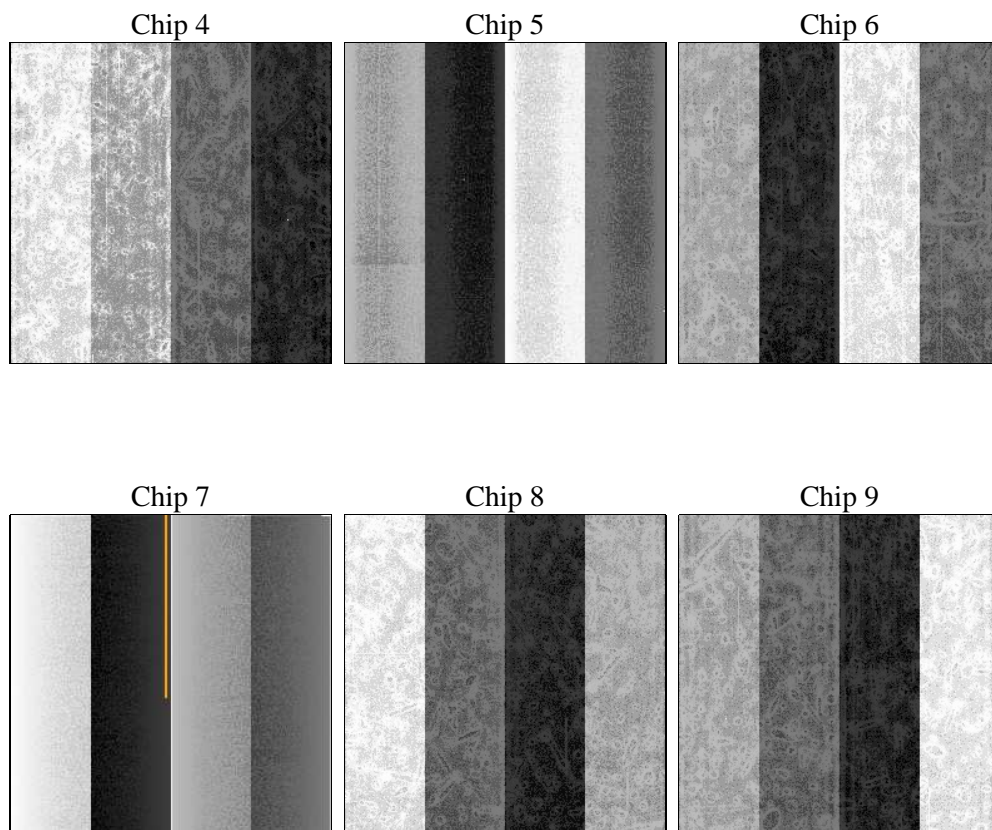
2 OBI

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	8.5.1.1	Processing system revision	ontime	8377.1621771455	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	3278.9813676775	Sum of GTIs [s]
date	2013-01-15T21:28:51	Date and time of file creation	ontime5	8377.1211371422	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3539.2074683607	Sum of GTIs [s]
			ontime7	8377.1621771455	Sum of GTIs [s]
			ontime8	3729.4407209754	Sum of GTIs [s]
			ontime9	3510.0390255153	Sum of GTIs [s]
			l1events	1545830	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	163924	390905	186356	426699	198967	178979	grade 0 events	81295	79773	88901	96870	94789	85703
rejected events	25303	57179	25159	46017	28247	25395		49%	20%	47%	22%	47%	47%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	587	329	402	238	423	450
								0%	0%	0%	0%	0%	0%
							grade 2 events	22579	121839	28014	84926	30040	26593
								13%	31%	15%	19%	15%	14%
							grade 3 events	9378	20497	10035	39098	11131	9759
								5%	5%	5%	9%	5%	5%
							grade 4 events	9050	20622	10101	39044	11039	9724
								5%	5%	5%	9%	5%	5%
							grade 5 events	1545	9630	1743	8392	2049	1828
								0%	2%	0%	1%	1%	1%
							grade 6 events	17741	94518	25803	124854	25319	23070
								10%	24%	13%	29%	12%	12%
							grade 7 events	21749	43697	21357	33277	24177	21852
								13%	11%	11%	7%	12%	12%

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	41.22865074113349
[deg] Pointing Dec	0	-17.20827422257133
[deg] Pointing Roll	0.0	310.2996311526778
[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)	156749710.799504	156749709.77481
Observation start date	2002-12-20T05:35:11	2002-12-20T05:35:09
[s] Observation end time (MET)	156772471.950469	156772470.92576
Observation end date	2002-12-20T11:54:32	2002-12-20T11:54:30
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3771621771455

A.2 Comments