

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60466 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 8 2012

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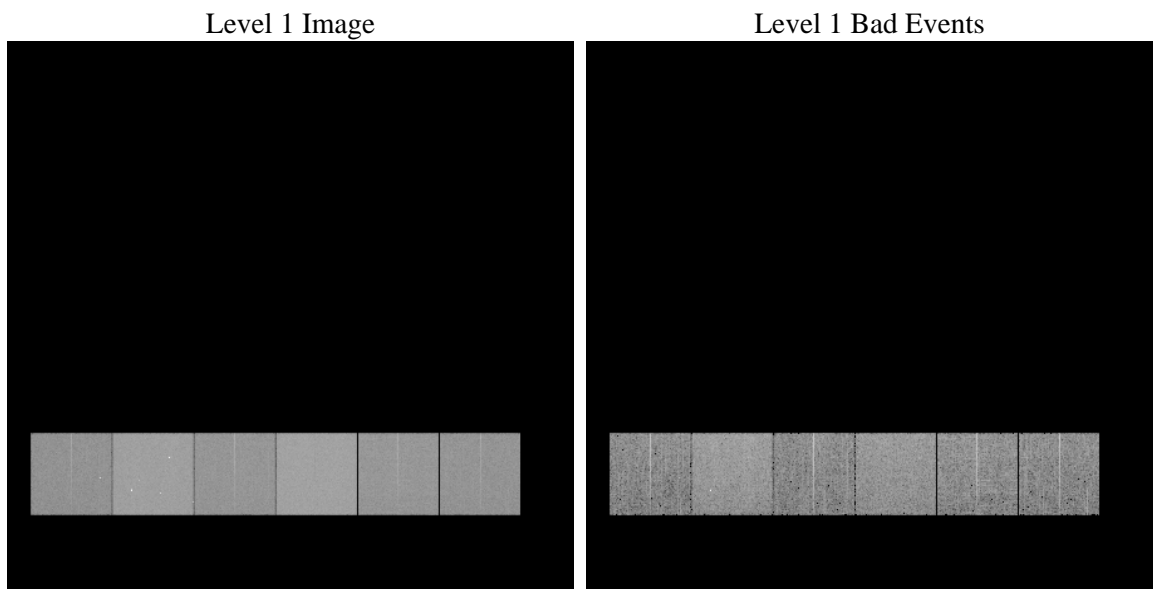
1 Front

seq_num	 	Sequence number
obs_id	60466	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	114.90348746416	Nominal RA [deg]
dec_nom	74.010398772646	Nominal Dec [deg]
roll_nom	125.65502367587	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7507.1999720335	Sum of GTIs [s]
livetime	7412.1392856945	Livetime [s]
ontime4	4418.5447470546	Sum of GTIs [s]
ontime5	7507.1999720335	Sum of GTIs [s]
ontime6	4765.3309899271	Sum of GTIs [s]
ontime7	7507.1999720335	Sum of GTIs [s]
ontime8	4901.452180177	Sum of GTIs [s]
ontime9	4632.4509282708	Sum of GTIs [s]
l2events	1110633	Number of level 2 events

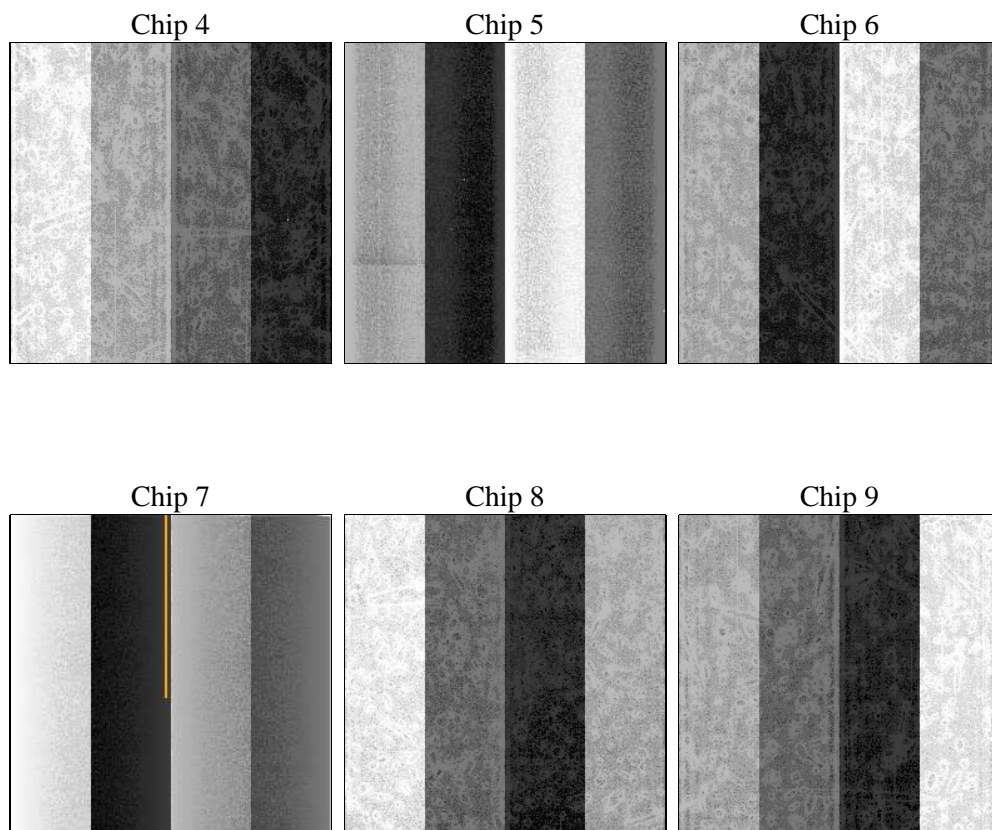
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	10260	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7507.1999720335	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4418.5447470546	Sum of GTIs [s]
date	2012-11-08T12:56:15	Date and time of file creation	ontime5	7507.1999720335	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	4765.3309899271	Sum of GTIs [s]
			ontime7	7507.1999720335	Sum of GTIs [s]
			ontime8	4901.452180177	Sum of GTIs [s]
			ontime9	4632.4509282708	Sum of GTIs [s]
			l1events	1417673	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	182493	297445	207237	318692	216727	195079	grade 0 events	90350	59642	97477	70702	101080	92240
rejected events	33911	54321	35095	47334	39451	34838		49%	20%	47%	22%	46%	47%
rejected %	18%	18%	16%	14%	18%	17%	grade 1 events	554	635	420	178	464	443
								0%	0%	0%	0%	0%	0%
							grade 2 events	24329	91507	31117	62519	31804	28540
								13%	30%	15%	19%	14%	14%
							grade 3 events	10117	15477	10980	28420	12061	10672
								5%	5%	5%	8%	5%	5%
							grade 4 events	10288	15013	11114	28186	11884	10554
								5%	5%	5%	8%	5%	5%
							grade 5 events	1851	7475	2078	6908	2451	2148
								1%	2%	1%	2%	1%	1%
							grade 6 events	19225	70857	28116	92391	26943	24418
								10%	23%	13%	28%	12%	12%
							grade 7 events	25779	36839	25935	29388	30040	26064
								14%	12%	12%	9%	13%	13%

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	114.9035461479555	114.9034874641593
[deg] Pointing Dec	74.01037618303229	74.01039877264569
[deg] Pointing Roll	125.6549672549166	125.6550236758729
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119
[mm] SIM defocus	0.8505140384245534	0.8505140384245534
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	186647961.669878	186647961.669878
Observation start date	2003-12-01T06:43:00	2003-12-01T06:39:21
[s] Observation end time (MET)	186657298.840673	186657298.840673
Observation end date	2003-12-01T09:34:00	2003-12-01T09:14:58
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2013.02.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5071999720335

A.2 Comments