

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60502 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 2012

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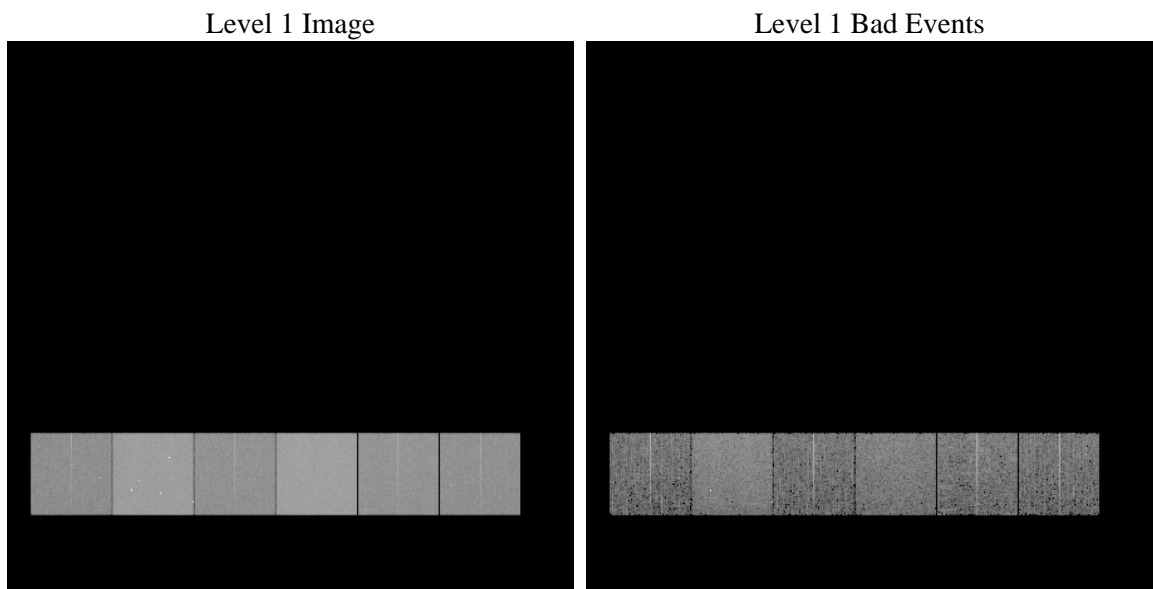
1 Front

seq_num	 	Sequence number
obs_id	60502	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	345.02361690081	Nominal RA [deg]
dec_nom	-6.0163421345792	Nominal Dec [deg]
roll_nom	292.30157558981	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7804.2535176575	Sum of GTIs [s]
livetime	7705.4313604596	Livetime [s]
ontime4	4258.7104012966	Sum of GTIs [s]
ontime5	7804.2124776542	Sum of GTIs [s]
ontime6	4647.6299445629	Sum of GTIs [s]
ontime7	7804.2535176575	Sum of GTIs [s]
ontime8	4809.42287907	Sum of GTIs [s]
ontime9	4504.9747204185	Sum of GTIs [s]
l2events	1139383	Number of level 2 events

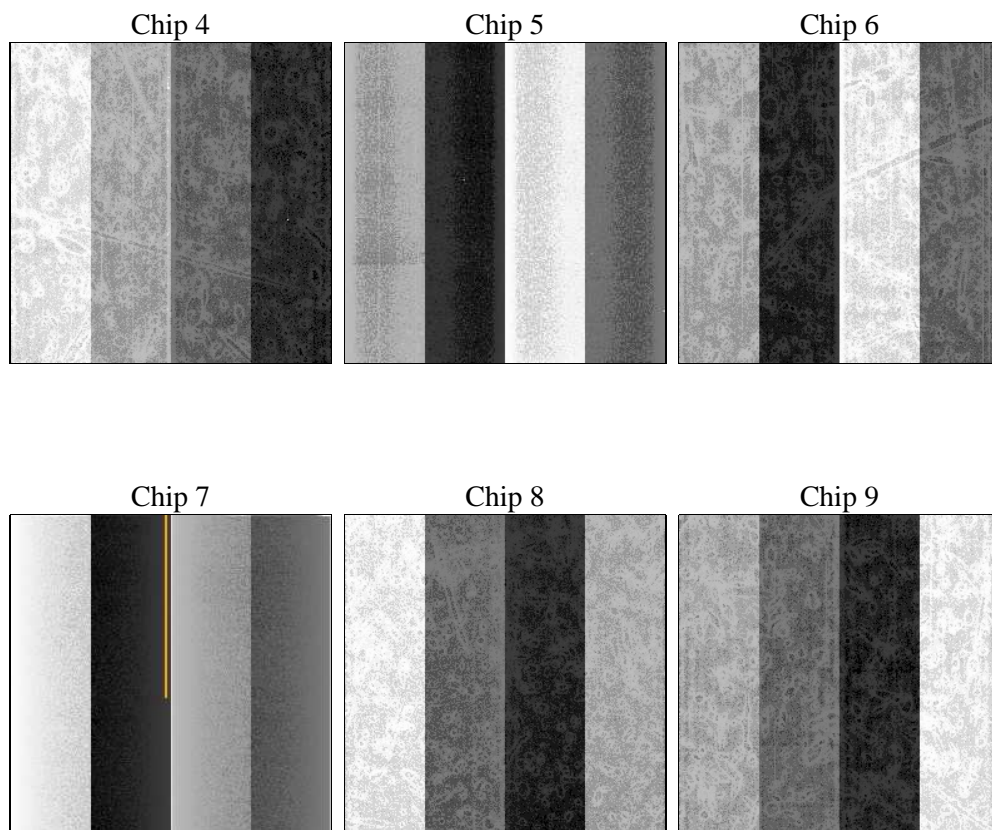
2 OBI

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	7804.2535176575	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4258.7104012966	Sum of GTIs [s]
date	2012-11-06T01:22:27	Date and time of file creation	ontime5	7804.2124776542	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4647.6299445629	Sum of GTIs [s]
			ontime7	7804.2535176575	Sum of GTIs [s]
			ontime8	4809.42287907	Sum of GTIs [s]
			ontime9	4504.9747204185	Sum of GTIs [s]
			l1events	1417705	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	174491	309223	200685	330618	212951	189737	grade 0 events	85199	60133	93931	72553	98562	88628
rejected events	28940	49988	29429	38453	33461	29783		48%	19%	46%	21%	46%	46%
rejected %	16%	16%	14%	11%	15%	15%	grade 1 events	615	453	409	157	498	489
								0%	0%	0%	0%	0%	0%
							grade 2 events	22920	95059	29563	65014	31310	27074
								13%	30%	14%	19%	14%	14%
							grade 3 events	9681	15027	10777	29785	11663	10273
								5%	4%	5%	9%	5%	5%
							grade 4 events	9421	15026	10478	29315	11638	9978
								5%	4%	5%	8%	5%	5%
							grade 5 events	1817	8361	2161	7314	2443	2089
								1%	2%	1%	2%	1%	1%
							grade 6 events	18330	73990	26507	95498	26317	24001
								10%	23%	13%	28%	12%	12%
							grade 7 events	26508	41174	26859	30982	30520	27205
								15%	13%	13%	9%	14%	14%

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	345.0236169008134
[deg] Pointing Dec	0	-6.016342134579213
[deg] Pointing Roll	0.0	292.3015755898064
[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)	183220707.971614	183220706.94689
Observation start date	2003-10-22T14:38:28	2003-10-22T14:38:26
[s] Observation end time (MET)	183236915.272311	183236914.24759
Observation end date	2003-10-22T19:08:35	2003-10-22T19:08:34
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	0.000000	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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8042535176575

A.2 Comments