

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60345 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 12 2012

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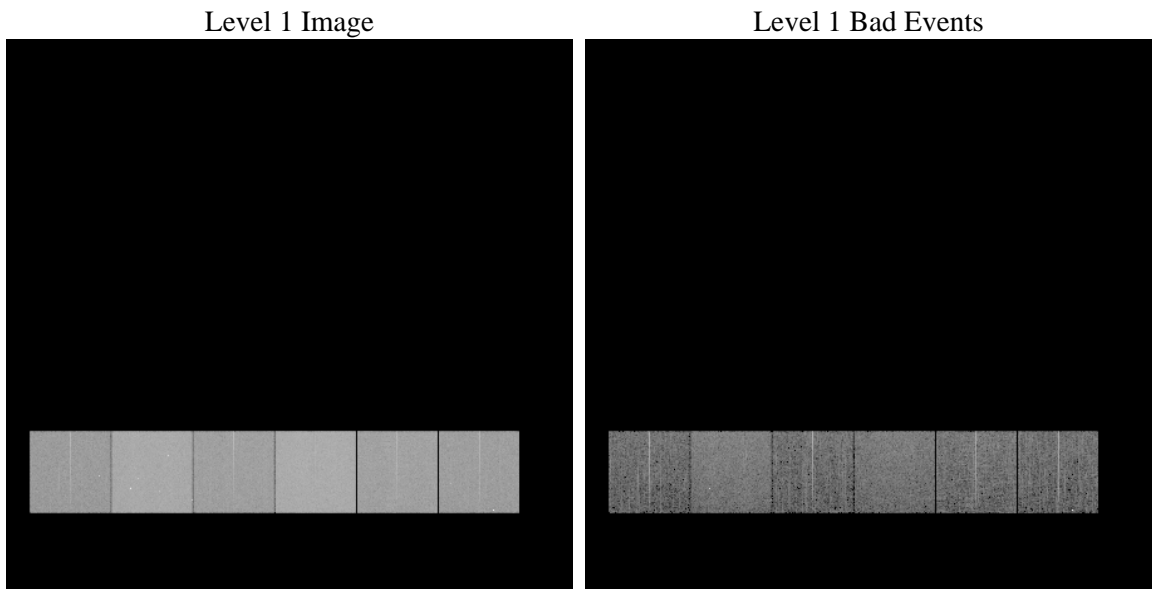
1 Front

seq_num	 	Sequence number
obs_id	60345	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	138.01671051968	Nominal RA [deg]
dec_nom	3.9767383458909	Nominal Dec [deg]
roll_nom	272.75832151715	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	4641.1237871945	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	5137.5532897115	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	5289.8637112081	Sum of GTIs [s]
ontime9	4946.3348064721	Sum of GTIs [s]
l2events	1108078	Number of level 2 events

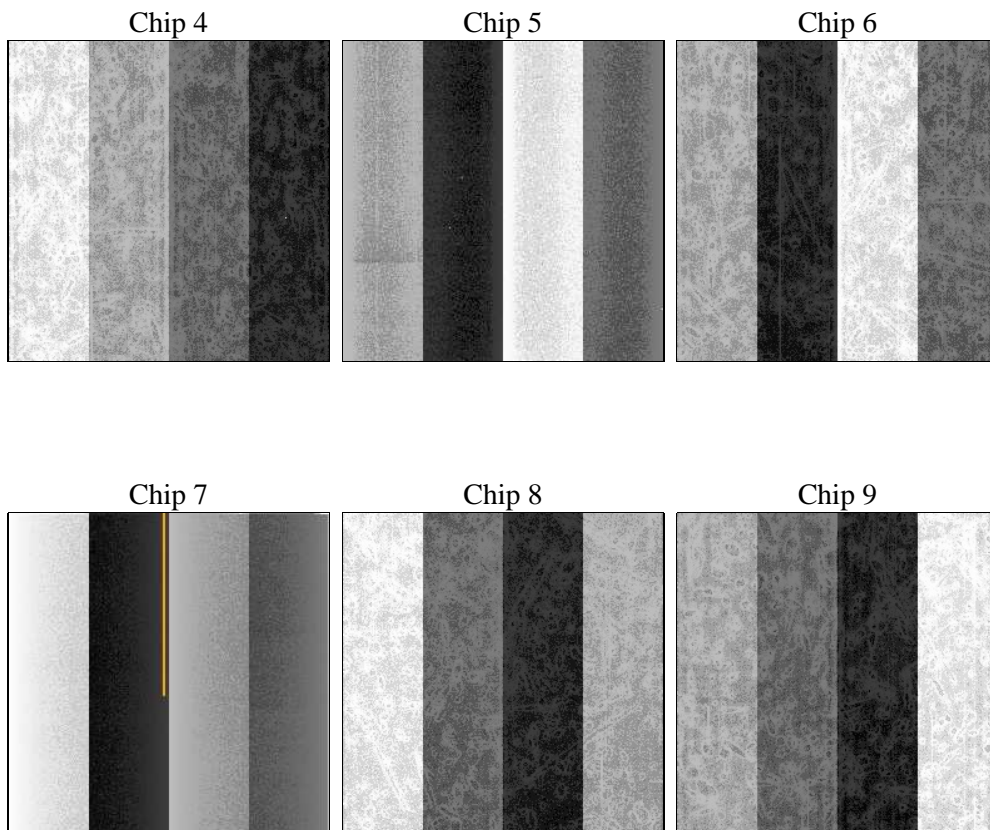
2 OBI

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	7798.3999709487	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4641.1237871945	Sum of GTIs [s]
date	2012-11-12T21:40:16	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5137.5532897115	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	5289.8637112081	Sum of GTIs [s]
			ontime9	4946.3348064721	Sum of GTIs [s]
			l1events	1414715	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	179580	293071	209553	313468	222654	196389	grade 0 events	84284	53341	94934	66056	99148	88357
rejected events	35524	52130	36220	44257	41269	36878		46%	18%	45%	21%	44%	44%
rejected %	19%	17%	17%	14%	18%	18%	grade 1 events	612	528	419	201	499	1959
								0%	0%	0%	0%	0%	0%
							grade 2 events	22333	87988	29904	59772	31587	27111
								12%	30%	14%	19%	14%	13%
							grade 3 events	9461	14528	10709	27145	11867	10143
								5%	4%	5%	8%	5%	5%
							grade 4 events	9710	14118	10754	26659	11819	10190
								5%	4%	5%	8%	5%	5%
							grade 5 events	2056	8299	2464	7952	2967	2528
								1%	2%	1%	2%	1%	1%
							grade 6 events	18268	71051	27133	89696	27071	23811
								10%	24%	12%	28%	12%	12%
							grade 7 events	32856	43218	33236	35987	37696	32290
								18%	14%	15%	11%	16%	16%

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	138.0167105196824	Alternating exposures requested	N	N
[deg] Pointing Dec	0	3.976738345890884	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	272.7583215171475			
[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)	195101214.938485	195101213.91378			
Observation start date	2004-03-08T02:46:55	2004-03-08T02:46:53			
[s] Observation end time (MET)	195140353.540202	195140352.5155			
Observation end date	2004-03-08T13:39:14	2004-03-08T13:39:12			
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)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments