

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60341 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 13 2012

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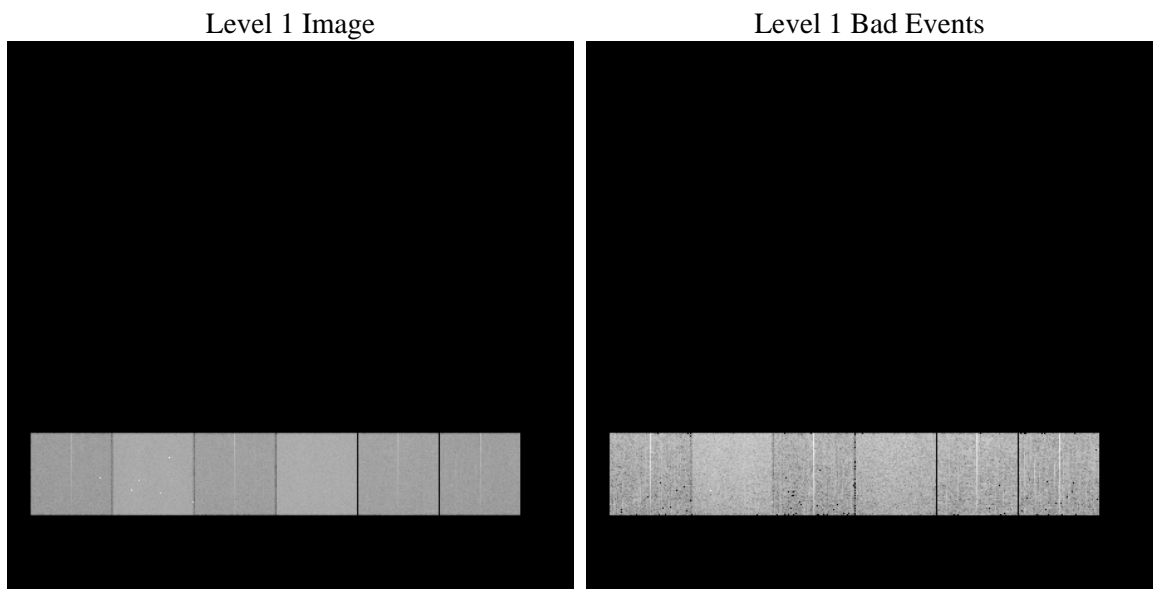
1 Front

seq_num	 	Sequence number
obs_id	60341	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	155.02886981885	Nominal RA [deg]
dec_nom	-14.005738134436	Nominal Dec [deg]
roll_nom	315.51047100086	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7999684811	Sum of GTIs [s]
livetime	8353.664224798	Livetime [s]
ontime4	5103.1518329382	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	5527.7200447619	Sum of GTIs [s]
ontime7	8460.7999684811	Sum of GTIs [s]
ontime8	5722.1784809232	Sum of GTIs [s]
ontime9	5363.6444734335	Sum of GTIs [s]
l2events	1203857	Number of level 2 events

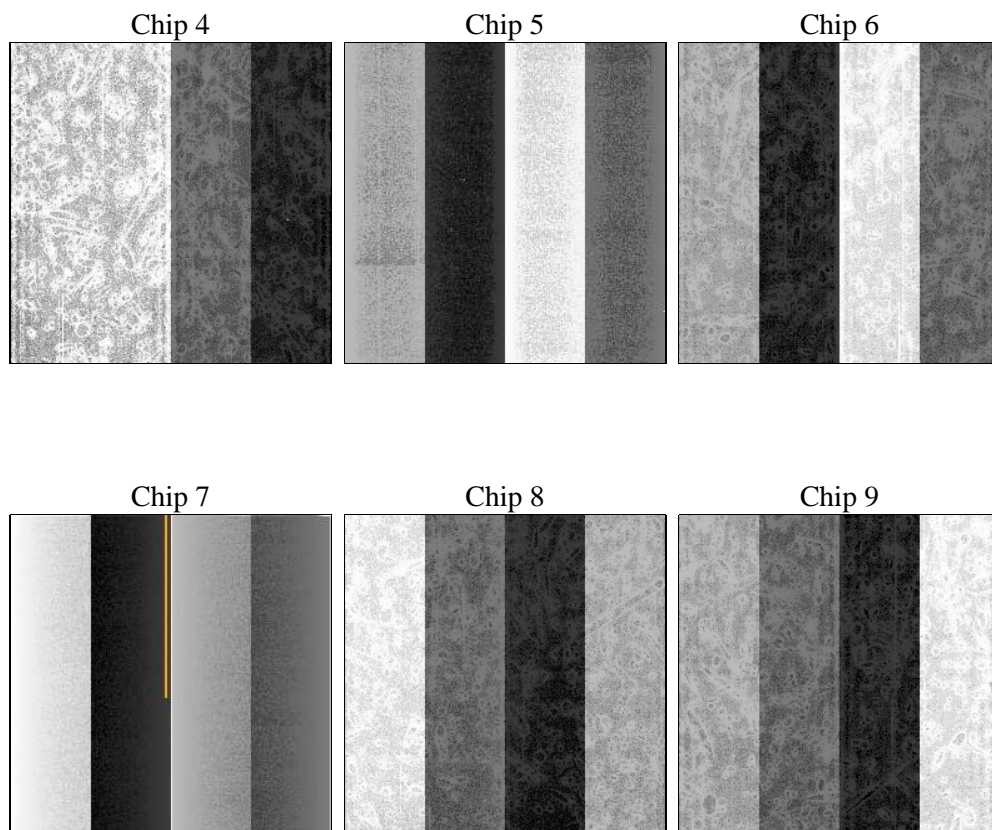
2 OBI

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	8460.7999684811	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5103.1518329382	Sum of GTIs [s]
date	2012-11-13T08:21:03	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5527.7200447619	Sum of GTIs [s]
			ontime7	8460.7999684811	Sum of GTIs [s]
			ontime8	5722.1784809232	Sum of GTIs [s]
			ontime9	5363.6444734335	Sum of GTIs [s]
			l1events	1533107	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	197324	319477	223926	340347	240103	211930	grade 0 events	93923	59264	101428	71664	107222	95616
rejected events	36846	57085	37326	46892	43364	38656		47%	18%	45%	21%	44%	45%
rejected %	18%	17%	16%	13%	18%	18%	grade 1 events	727	359	472	224	551	549
								0%	0%	0%	0%	0%	0%
							grade 2 events	25082	95662	32074	64456	34566	29728
								12%	29%	14%	18%	14%	14%
							grade 3 events	10540	15419	11630	29556	12896	11033
								5%	4%	5%	8%	5%	5%
							grade 4 events	10744	15286	11710	29162	12654	10966
								5%	4%	5%	8%	5%	5%
							grade 5 events	2312	9281	2613	8703	3144	2701
								1%	2%	1%	2%	1%	1%
							grade 6 events	20189	76761	29758	98617	29401	25931
								10%	24%	13%	28%	12%	12%
							grade 7 events	33807	47445	34241	37965	39669	35406
								17%	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	155.0288698188459	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-14.00573813443616	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	315.5104710008573			
[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)	195373584.100741	195373583.07572			
Observation start date	2004-03-11T06:26:24	2004-03-11T06:26:23			
[s] Observation end time (MET)	195387167.401337	195387166.37632			
Observation end date	2004-03-11T10:12:47	2004-03-11T10:12:46			
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)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607999684811

A.2 Comments