

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60960 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 2012

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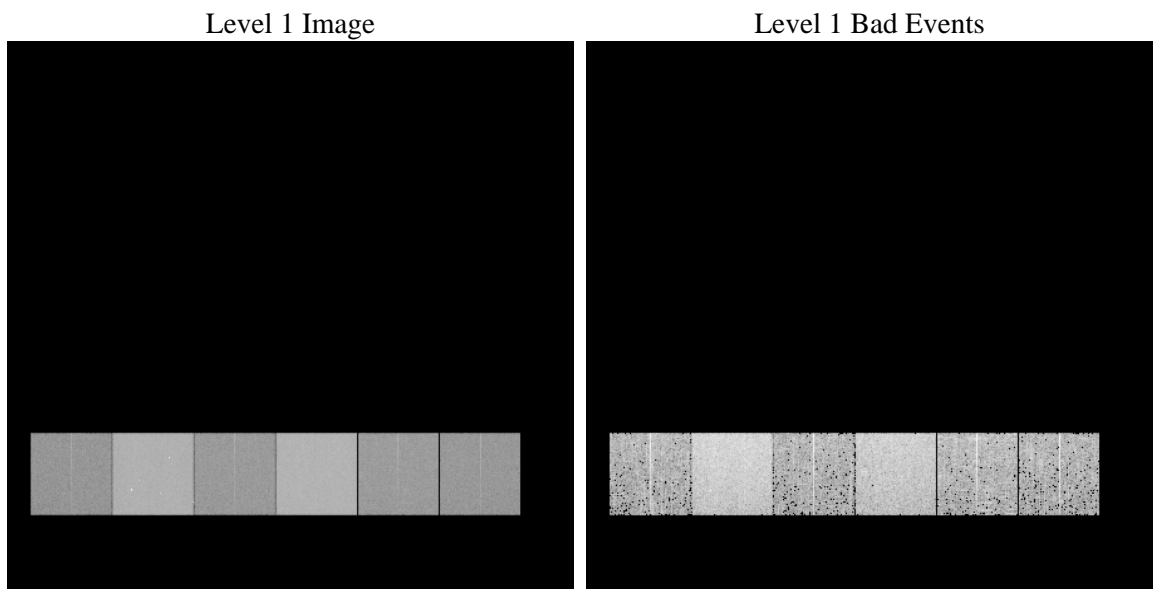
1 Front

seq_num	 	Sequence number
obs_id	60960	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	80.992960651747	Nominal RA [deg]
dec_nom	10.327754146908	Nominal Dec [deg]
roll_nom	71.031014470051	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7762.0750404596	Sum of GTIs [s]
livetime	7663.7869725369	Livetime [s]
ontime4	2819.7015767694	Sum of GTIs [s]
ontime5	7762.0340004563	Sum of GTIs [s]
ontime6	3098.2109475136	Sum of GTIs [s]
ontime7	7762.0750404596	Sum of GTIs [s]
ontime8	3224.8297240734	Sum of GTIs [s]
ontime9	2991.476118654	Sum of GTIs [s]
l2events	1185317	Number of level 2 events

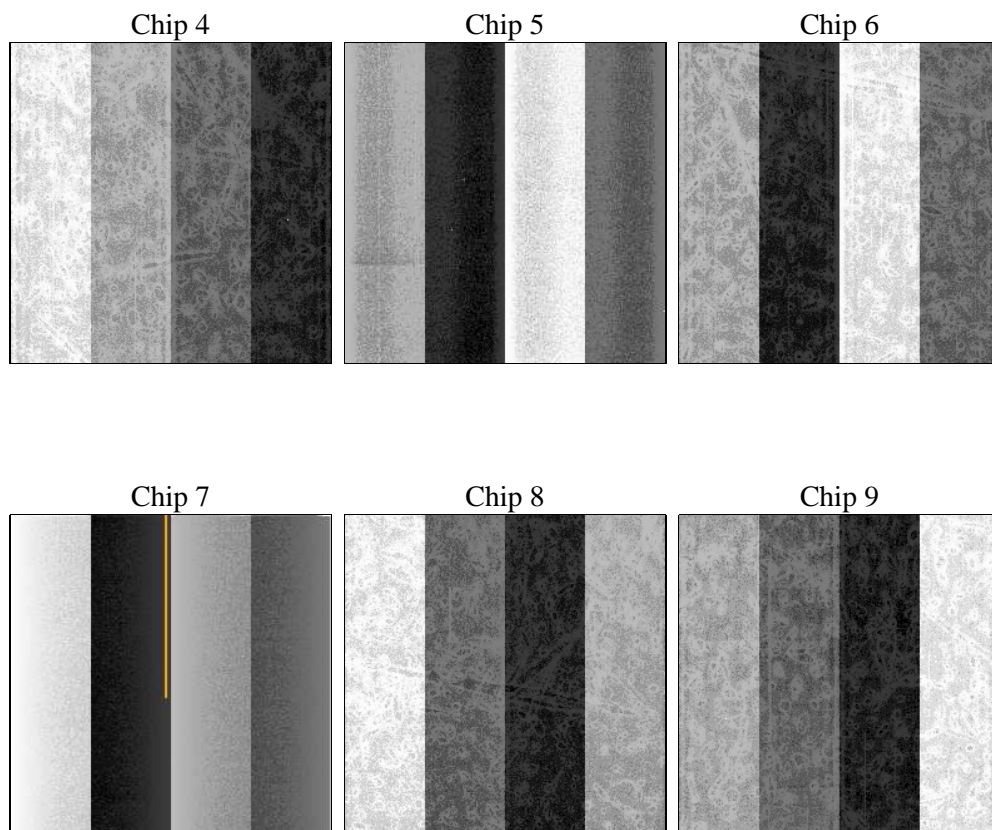
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7762.0750404596	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	2819.7015767694	Sum of GTIs [s]
date	2012-10-17T11:09:54	Date and time of file creation	ontime5	7762.0340004563	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3098.2109475136	Sum of GTIs [s]
			ontime7	7762.0750404596	Sum of GTIs [s]
			ontime8	3224.8297240734	Sum of GTIs [s]
			ontime9	2991.476118654	Sum of GTIs [s]
			l1events	1422262	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	144564	372695	166766	404396	177835	156006	grade 0 events	71159	78207	78849	91681	84058	74098
rejected events	22139	50688	21600	41303	25783	21906		49%	20%	47%	22%	47%	47%
rejected %	15%	13%	12%	10%	14%	14%	grade 1 events	498	314	361	245	418	433
								0%	0%	0%	0%	0%	0%
							grade 2 events	19404	114765	25234	80266	26548	22963
								13%	30%	15%	19%	14%	14%
							grade 3 events	8251	20410	9054	36965	9710	8530
								5%	5%	5%	9%	5%	5%
							grade 4 events	8092	20177	9184	36436	9672	8427
								5%	5%	5%	9%	5%	5%
							grade 5 events	1450	9011	1621	8055	1851	1621
								1%	2%	0%	1%	1%	1%
							grade 6 events	15519	88448	22845	117745	22064	20082
								10%	23%	13%	29%	12%	12%
							grade 7 events	20191	41363	19618	33003	23514	19852
								13%	11%	11%	8%	13%	12%

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	80.99296065174671	Alternating exposures requested	N	N
[deg] Pointing Dec	0	10.32775414690787	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	71.03101447005072			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	153749285.574468	153749284.54975			
Observation start date	2002-11-15T12:08:06	2002-11-15T12:08:04			
[s] Observation end time (MET)	153761292.424968	153761291.40025			
Observation end date	2002-11-15T15:28:12	2002-11-15T15:28:11			
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7620750404596

A.2 Comments