

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60748 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 27 2012

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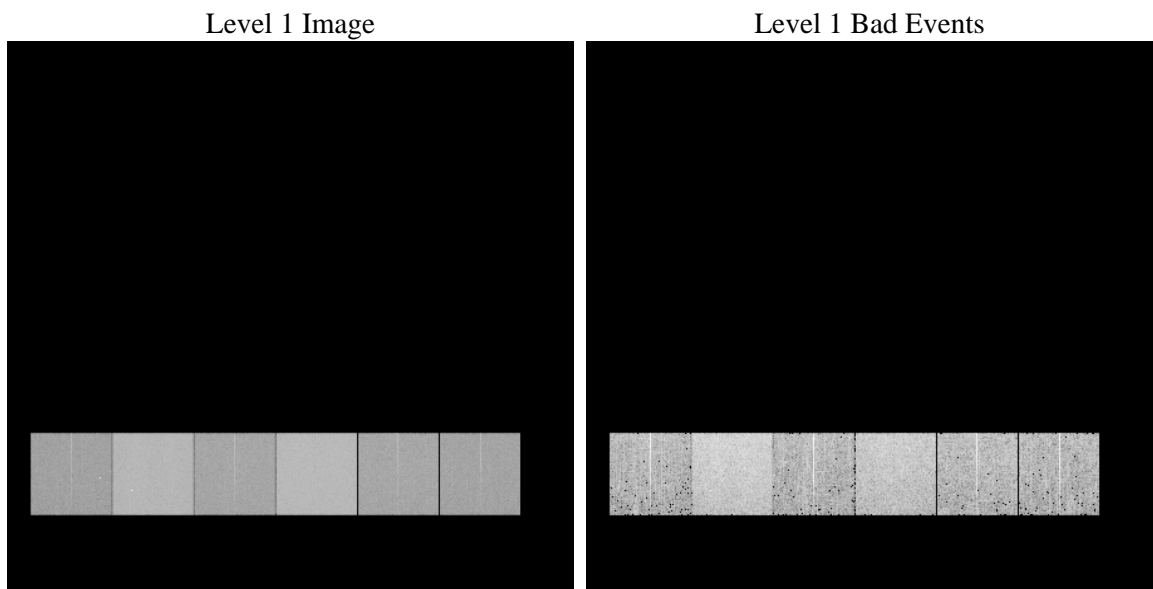
1 Front

seq_num	 	Sequence number
obs_id	60748	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	239.97563087696	Nominal RA [deg]
dec_nom	-9.9843870711341	Nominal Dec [deg]
roll_nom	114.05606593466	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8414.4820960462	Sum of GTIs [s]
livetime	8307.9328571532	Livetime [s]
ontime4	3782.2846851945	Sum of GTIs [s]
ontime5	8414.4410560429	Sum of GTIs [s]
ontime6	4255.4708165526	Sum of GTIs [s]
ontime7	8414.4820960462	Sum of GTIs [s]
ontime8	4284.6389303207	Sum of GTIs [s]
ontime9	4045.6851353049	Sum of GTIs [s]
l2events	1254539	Number of level 2 events

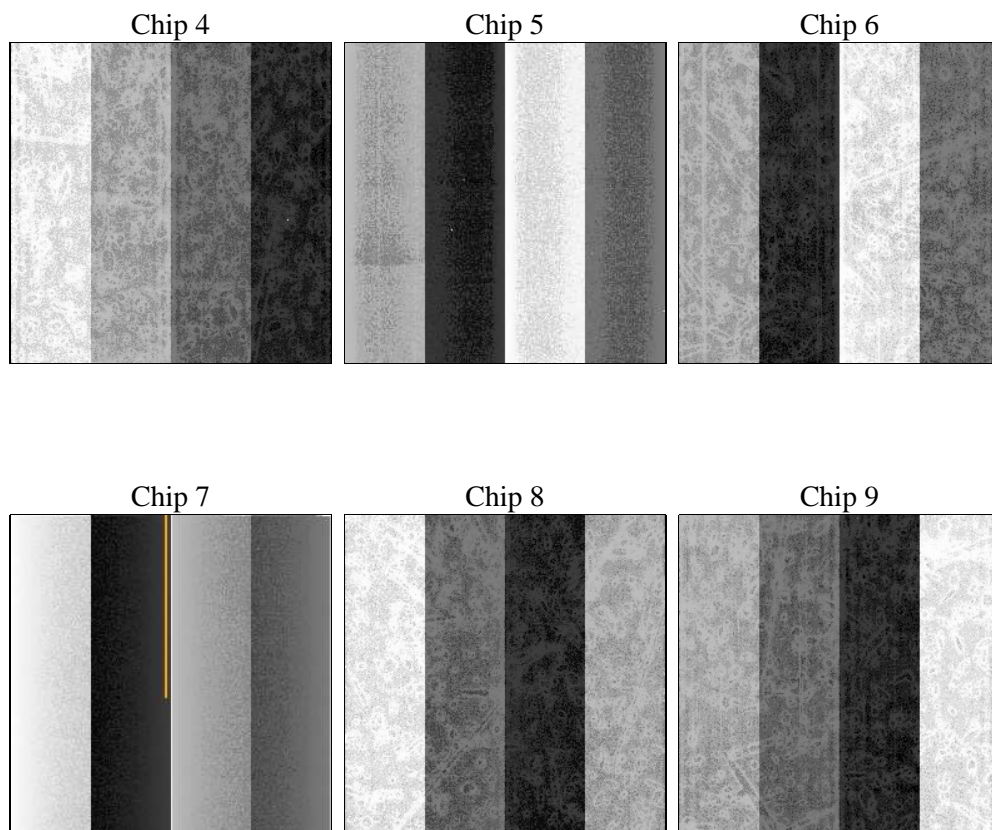
2 OBI

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	8414.4820960462	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3782.2846851945	Sum of GTIs [s]
date	2012-10-27T18:07:52	Date and time of file creation	ontime5	8414.4410560429	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4255.4708165526	Sum of GTIs [s]
			ontime7	8414.4820960462	Sum of GTIs [s]
			ontime8	4284.6389303207	Sum of GTIs [s]
			ontime9	4045.6851353049	Sum of GTIs [s]
			l1events	1539489	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	174711	361682	205842	395518	211282	190454	grade 0 events	85984	65864	96731	87857	99051	90344
rejected events	29446	57366	29730	46058	32882	29262		49%	18%	46%	22%	46%	47%
rejected %	16%	15%	14%	11%	15%	15%	grade 1 events	617	230	437	245	492	483
								0%	0%	0%	0%	0%	0%
							grade 2 events	22538	114846	30306	77441	31043	27529
								12%	31%	14%	19%	14%	14%
							grade 3 events	9548	18334	10900	35390	11449	10143
								5%	5%	5%	8%	5%	5%
							grade 4 events	9709	17525	10880	35125	11505	10267
								5%	4%	5%	8%	5%	5%
							grade 5 events	1798	9460	1980	8324	2421	1976
								1%	2%	0%	2%	1%	1%
							grade 6 events	18383	89499	28038	115718	26333	23894
								10%	24%	13%	29%	12%	12%
							grade 7 events	26134	45924	26570	35418	28988	25818
								14%	12%	12%	8%	13%	13%

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	239.9756308769566	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-9.984387071134069	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	114.0560659346592			
[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)	168642015.499536	168642014.47482			
Observation start date	2003-05-06T21:00:15	2003-05-06T21:00:14			
[s] Observation end time (MET)	168654231.450051	168654230.42533			
Observation end date	2003-05-07T00:23:51	2003-05-07T00:23:50			
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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4144820960462

A.2 Comments