

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58060 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 6 2012

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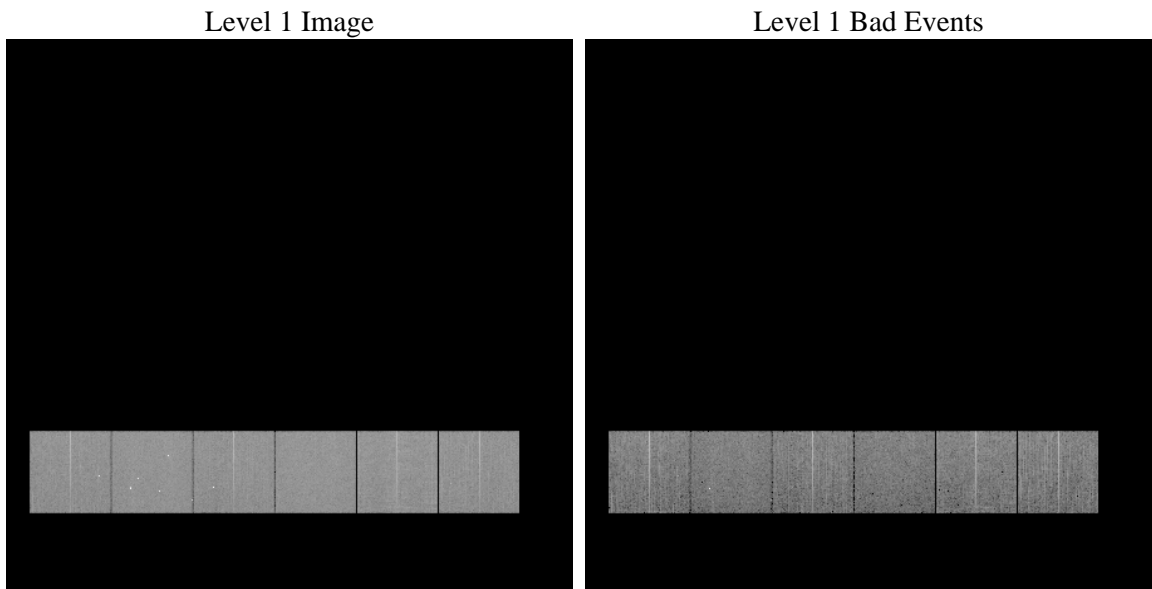
1 Front

seq_num	 	Sequence number
obs_id	58060	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	120.19778636919	Nominal RA [deg]
dec_nom	24.828303859354	Nominal Dec [deg]
roll_nom	91.96761848542	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5676.7999789119	Sum of GTIs [s]
livetime	5604.9169194203	Livetime [s]
ontime4	5676.7999789119	Sum of GTIs [s]
ontime5	5676.7999789119	Sum of GTIs [s]
ontime6	5676.7999789119	Sum of GTIs [s]
ontime7	5676.7999789119	Sum of GTIs [s]
ontime8	5676.7999789119	Sum of GTIs [s]
ontime9	5676.7999789119	Sum of GTIs [s]
l2events	562922	Number of level 2 events

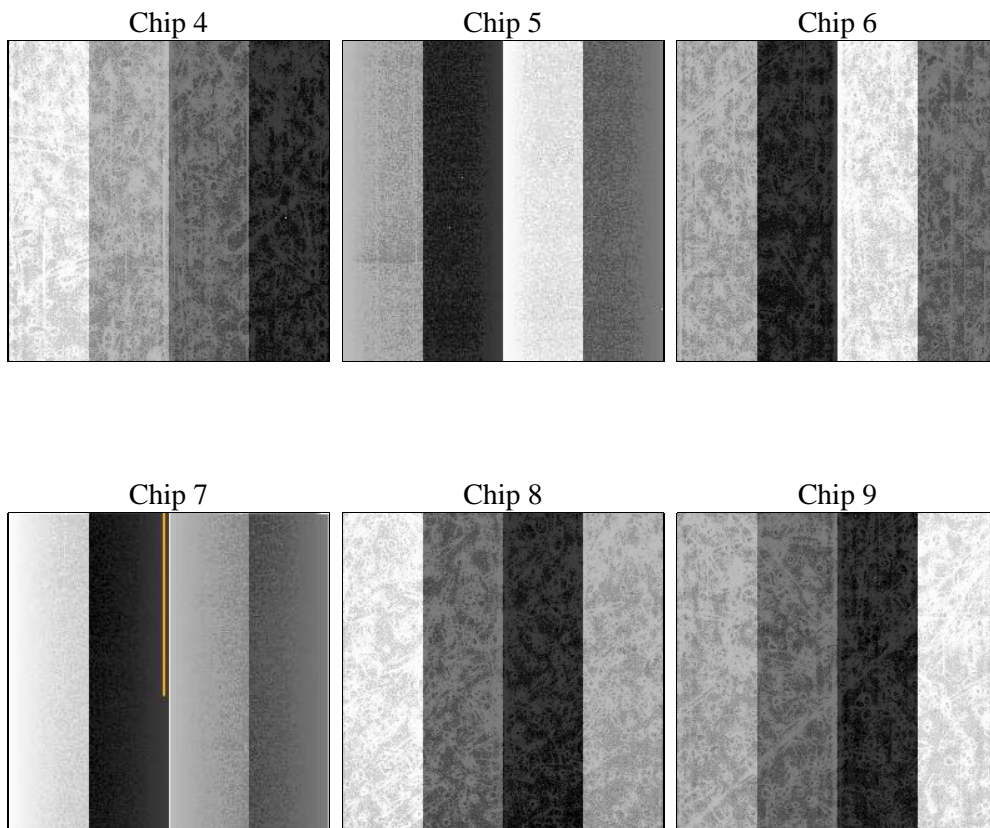
2 OBI

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	8.4.4	Processing system revision	ontime	5676.7999789119	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	5676.7999789119	Sum of GTIs [s]
date	2012-05-06T15:22:07	Date and time of file creation	ontime5	5676.7999789119	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	5676.7999789119	Sum of GTIs [s]
			ontime7	5676.7999789119	Sum of GTIs [s]
			ontime8	5676.7999789119	Sum of GTIs [s]
			ontime9	5676.7999789119	Sum of GTIs [s]
			l1events	942300	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	150081	162578	152779	160856	164016	151990	grade 0 events	52523	19607	50514	23938	53252	49816
rejected events	58851	52315	55972	47430	58619	58206		34%	12%	33%	14%	32%	32%
rejected %	39%	32%	36%	29%	35%	38%	grade 1 events	555	212	313	137	406	412
								0%	0%	0%	0%	0%	0%
							grade 2 events	13568	40998	17223	24832	18792	15896
								9%	25%	11%	15%	11%	10%
							grade 3 events	6211	4812	5861	10203	6937	6134
								4%	2%	3%	6%	4%	4%
							grade 4 events	6104	4572	5792	10089	7061	6096
								4%	2%	3%	6%	4%	4%
							grade 5 events	2925	7173	3108	7524	3892	3366
								1%	4%	2%	4%	2%	2%
							grade 6 events	12882	40432	17487	44509	19429	15950
								8%	24%	11%	27%	11%	10%
							grade 7 events	55313	44772	52481	39624	54247	54320
								36%	27%	34%	24%	33%	35%

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	120.1977863691888	Alternating exposures requested	N	N
[deg] Pointing Dec	0	24.82830385935393	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	91.96761848542018			
[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)	314817263.980761	314817262.95576			
Observation start date	2007-12-23T17:14:24	2007-12-23T17:14:22			
[s] Observation end time (MET)	314825166.731143	314825165.70614			
Observation end date	2007-12-23T19:26:07	2007-12-23T19:26:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.6767999789119

A.2 Comments