

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60606 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 2 2012

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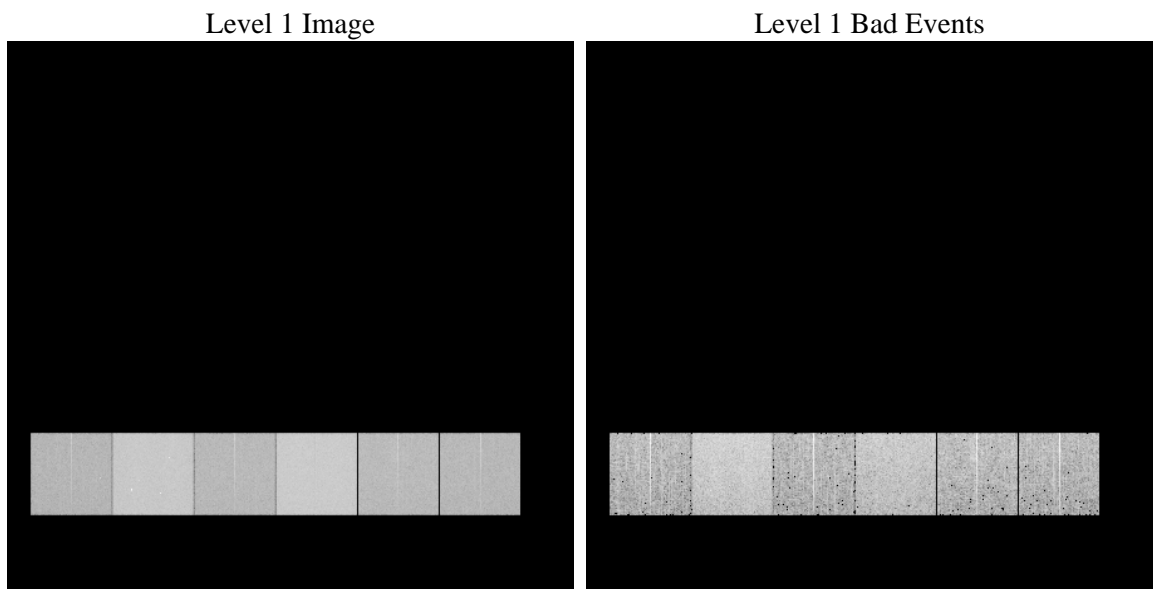
1 Front

seq_num	 	Sequence number
obs_id	60606	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	283.53053813546	Nominal RA [deg]
dec_nom	-34.613695622398	Nominal Dec [deg]
roll_nom	298.53434960068	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8387.1589984596	Sum of GTIs [s]
livetime	8280.9557410802	Livetime [s]
ontime4	4011.6735308766	Sum of GTIs [s]
ontime5	8387.1589984596	Sum of GTIs [s]
ontime6	4326.2137231827	Sum of GTIs [s]
ontime7	8387.1589984596	Sum of GTIs [s]
ontime8	4478.5393648446	Sum of GTIs [s]
ontime9	4251.3446575403	Sum of GTIs [s]
l2events	1238461	Number of level 2 events

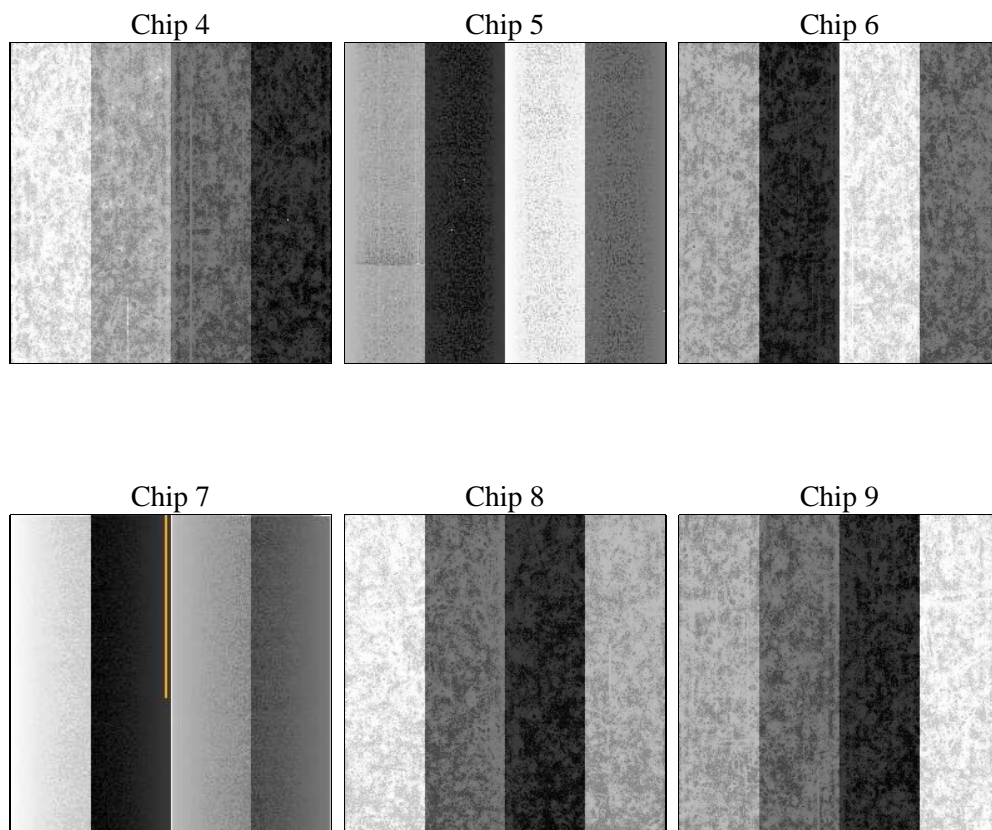
2 OBI

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	8387.1589984596	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4011.6735308766	Sum of GTIs [s]
date	2012-11-01T23:51:22	Date and time of file creation	ontime5	8387.1589984596	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4326.2137231827	Sum of GTIs [s]
			ontime7	8387.1589984596	Sum of GTIs [s]
			ontime8	4478.5393648446	Sum of GTIs [s]
			ontime9	4251.3446575403	Sum of GTIs [s]
			l1events	1536440	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	181559	352700	204510	384208	217039	196424	grade 0 events	88993	59971	94964	83668	101319	92214
rejected events	32222	59121	31635	47270	35259	31776		49%	17%	46%	21%	46%	46%
rejected %	17%	16%	15%	12%	16%	16%	grade 1 events	644	209	435	215	473	465
								0%	0%	0%	0%	0%	0%
							grade 2 events	22728	115766	30125	75061	31613	28095
								12%	32%	14%	19%	14%	14%
							grade 3 events	9961	15825	10647	33437	11498	10439
								5%	4%	5%	8%	5%	5%
							grade 4 events	9872	15357	10457	33288	11626	10333
								5%	4%	5%	8%	5%	5%
							grade 5 events	1890	9135	2074	8203	2497	2033
								1%	2%	1%	2%	1%	1%
							grade 6 events	18881	88684	27853	113894	27066	24675
								10%	25%	13%	29%	12%	12%
							grade 7 events	28590	47753	27955	36442	30947	28170
								15%	13%	13%	9%	14%	14%

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	283.5305381354648	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-34.61369562239848	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	298.5343496006839			
[mm] SIM focus pos	-0.684267	-1.523540733526241			
[mm] SIM defocus	0	0.009795905878055677			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	175942871.459727	175942870.43501			
Observation start date	2003-07-30T09:01:11	2003-07-30T09:01:10			
[s] Observation end time (MET)	175967641.610783	175967640.58606			
Observation end date	2003-07-30T15:54:02	2003-07-30T15:54:00			
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3871589984596

A.2 Comments