

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60586 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 3 2012

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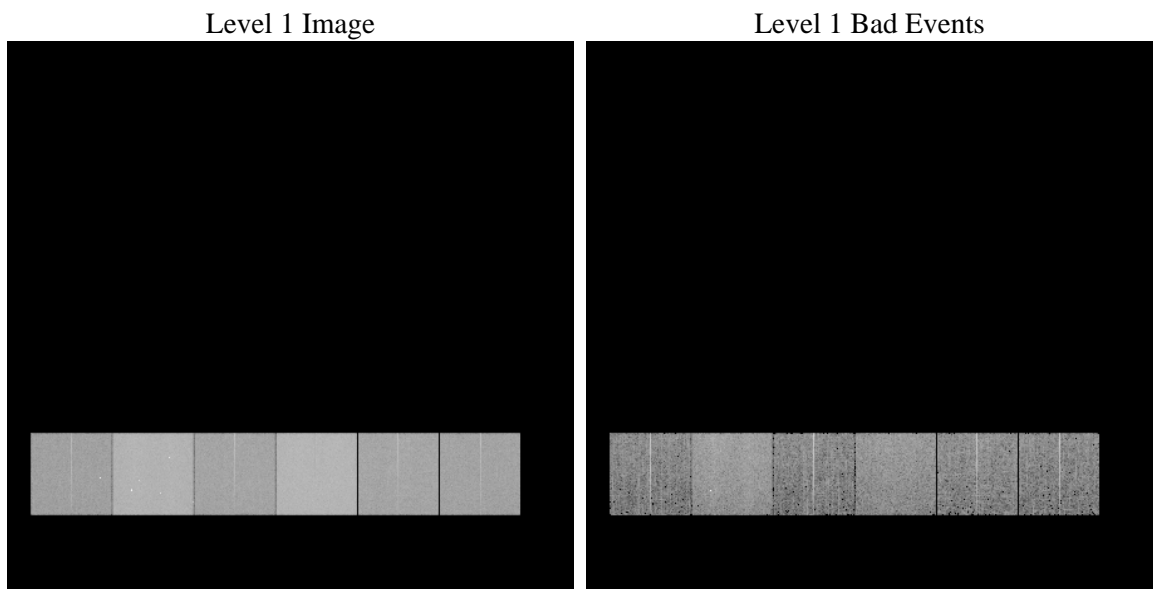
1 Front

seq_num	 	Sequence number
obs_id	60586	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	343.17076661378	Nominal RA [deg]
dec_nom	12.201446875002	Nominal Dec [deg]
roll_nom	144.26543362415	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8455.3618682921	Sum of GTIs [s]
livetime	8348.2949851081	Livetime [s]
ontime4	4222.7657706738	Sum of GTIs [s]
ontime5	8457.599968493	Sum of GTIs [s]
ontime6	4633.2461435199	Sum of GTIs [s]
ontime7	8455.3618682921	Sum of GTIs [s]
ontime8	4717.5110610723	Sum of GTIs [s]
ontime9	4488.3634335995	Sum of GTIs [s]
l2events	1236057	Number of level 2 events

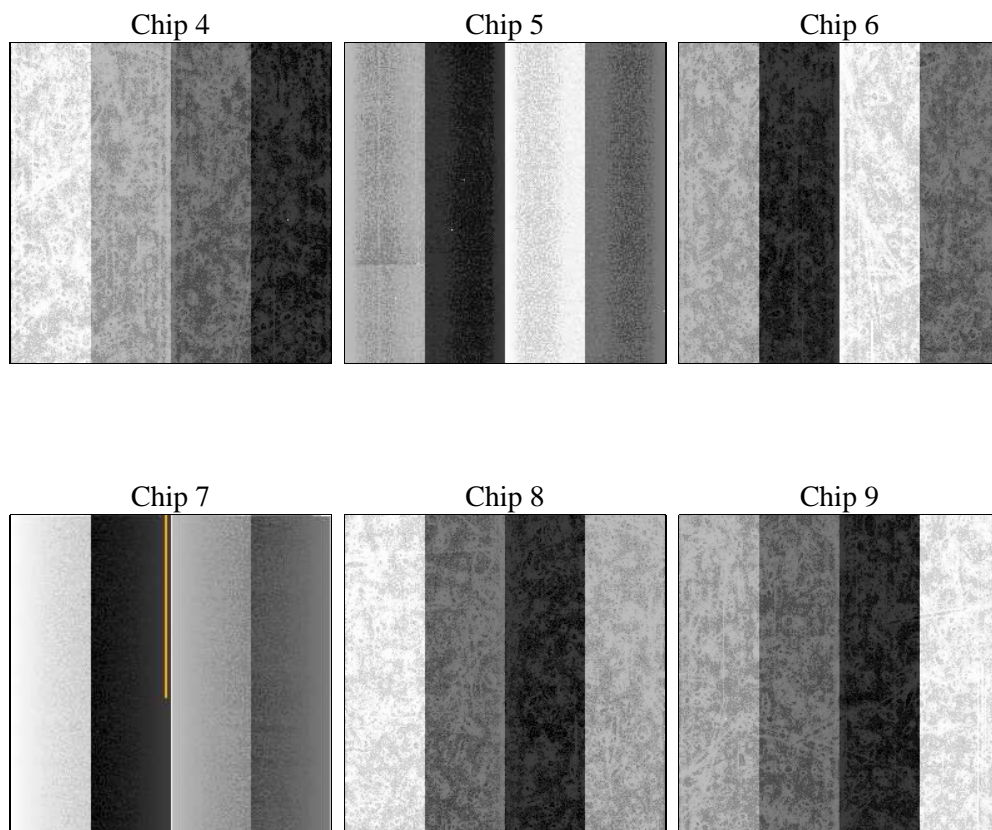
2 OBI

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	8455.3618682921	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4222.7657706738	Sum of GTIs [s]
date	2012-11-03T17:13:51	Date and time of file creation	ontime5	8457.599968493	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4633.2461435199	Sum of GTIs [s]
			ontime7	8455.3618682921	Sum of GTIs [s]
			ontime8	4717.5110610723	Sum of GTIs [s]
			ontime9	4488.3634335995	Sum of GTIs [s]
			l1events	1536223	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	182741	347672	211434	374870	221183	198323	grade 0 events	90523	53827	97254	80080	102798	93549
rejected events	31949	59591	32121	45615	36159	31484		49%	15%	45%	21%	46%	47%
rejected %	17%	17%	15%	12%	16%	15%	grade 1 events	662	227	440	206	478	475
								0%	0%	0%	0%	0%	0%
							grade 2 events	21661	116978	31802	73147	31521	27832
								11%	33%	15%	19%	14%	14%
							grade 3 events	10028	14045	10890	32467	11605	10491
								5%	4%	5%	8%	5%	5%
							grade 4 events	9732	13917	10665	31891	11655	10514
								5%	4%	5%	8%	5%	5%
							grade 5 events	1919	9259	2160	8361	2560	2221
								1%	2%	1%	2%	1%	1%
							grade 6 events	18848	89314	28702	111670	27445	24453
								10%	25%	13%	29%	12%	12%
							grade 7 events	29368	50105	29521	37048	33121	28788
								16%	14%	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	343.1707666137794	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.20144687500161	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	144.2654336241481			
[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)	177317480.568426	177317479.54371			
Observation start date	2003-08-15T06:51:21	2003-08-15T06:51:19			
[s] Observation end time (MET)	177339466.819367	177339465.79465			
Observation end date	2003-08-15T12:57:47	2003-08-15T12:57:45			
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	8.4553618682921

A.2 Comments