

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57898 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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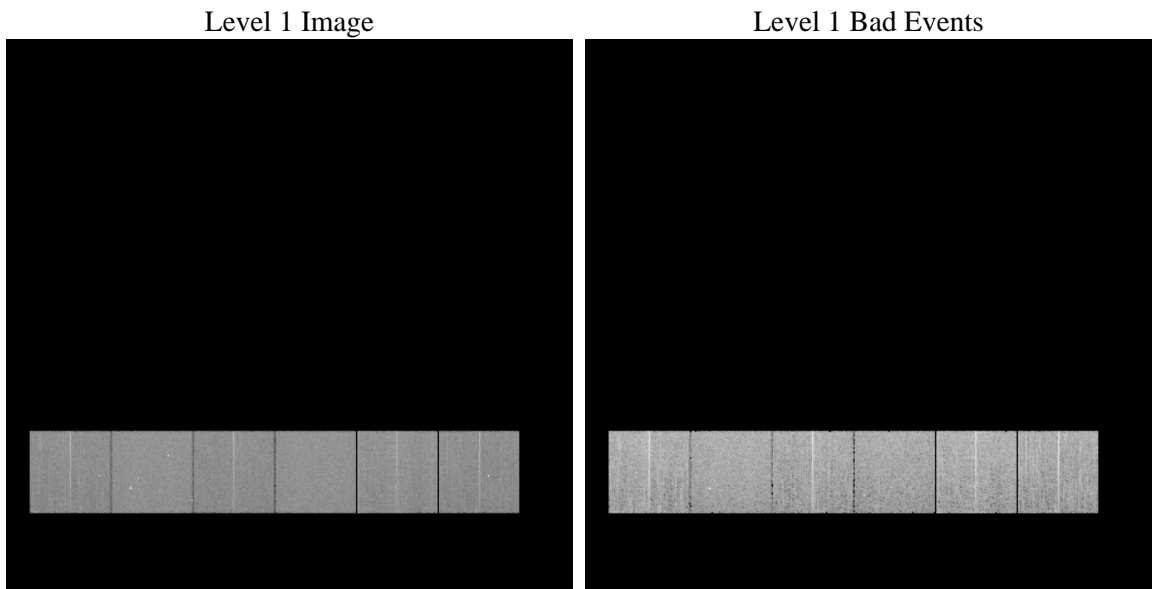
1 Front

seq_num	 	Sequence number
obs_id	57898	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	184.95594567619	Nominal RA [deg]
dec_nom	24.988423318762	Nominal Dec [deg]
roll_nom	178.98087259891	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6380.6904452443	Sum of GTIs [s]
livetime	6299.8943008361	Livetime [s]
ontime4	6380.5673252344	Sum of GTIs [s]
ontime5	6380.649405241	Sum of GTIs [s]
ontime6	6380.6083652377	Sum of GTIs [s]
ontime7	6380.6904452443	Sum of GTIs [s]
ontime8	6380.5262852311	Sum of GTIs [s]
ontime9	6380.7314852476	Sum of GTIs [s]
l2events	498579	Number of level 2 events

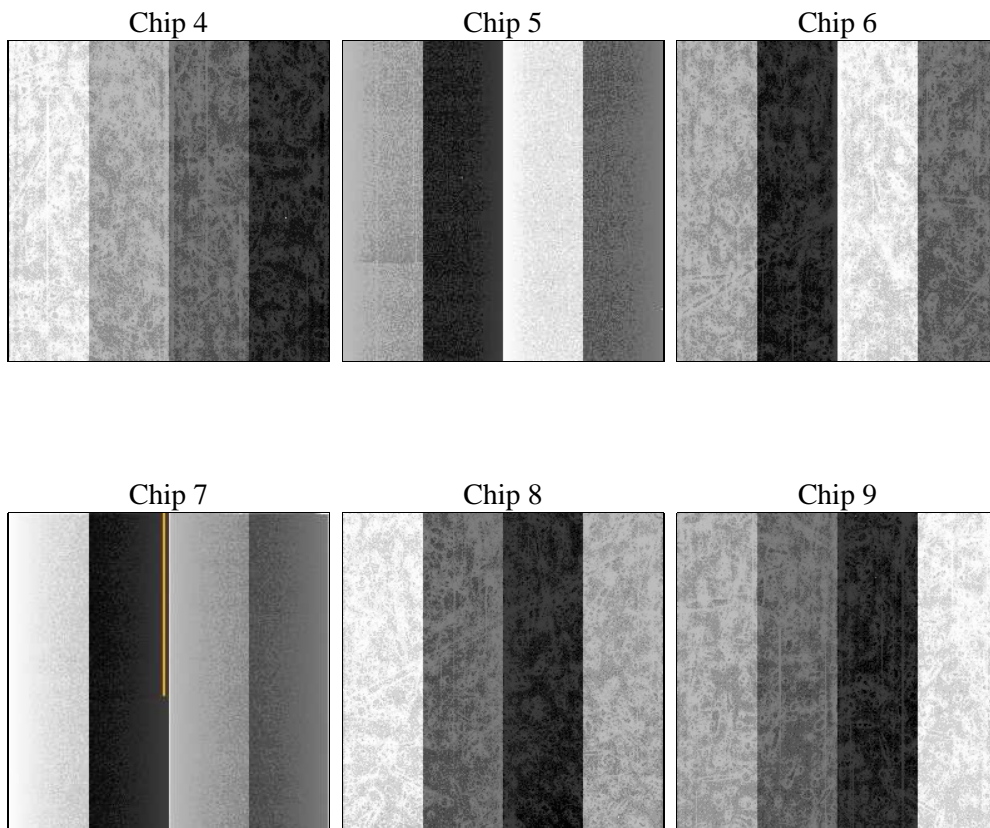
2 OBI

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	8.4.4	Processing system revision	ontime	6380.6904452443	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	6380.5673252344	Sum of GTIs [s]
date	2012-05-12T02:13:02	Date and time of file creation	ontime5	6380.649405241	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	6380.6083652377	Sum of GTIs [s]
			ontime7	6380.6904452443	Sum of GTIs [s]
			ontime8	6380.5262852311	Sum of GTIs [s]
			ontime9	6380.7314852476	Sum of GTIs [s]
			l1events	892535	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	140421	160909	138542	157131	156595	138937	grade 0 events	44247	18536	43392	22077	46876	44218
rejected events	63055	55053	56608	50499	64492	58499		31%	11%	31%	14%	29%	31%
rejected %	44%	34%	40%	32%	41%	42%	grade 1 events	466	236	249	117	331	292
								0%	0%	0%	0%	0%	0%
							grade 2 events	12475	37603	14659	23355	16831	13587
								8%	23%	10%	14%	10%	9%
							grade 3 events	5256	5401	5205	10210	6604	5188
								3%	3%	3%	6%	4%	3%
							grade 4 events	5435	5245	5243	10033	6358	5255
								3%	3%	3%	6%	4%	3%
							grade 5 events	3153	7891	3458	8508	4347	3724
								2%	4%	2%	5%	2%	2%
							grade 6 events	9953	39071	13435	40957	15434	12190
								7%	24%	9%	26%	9%	8%
							grade 7 events	59436	46926	52901	41874	59814	54483
								42%	29%	38%	26%	38%	39%

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	184.9559456761892	Alternating exposures requested	N	N
[deg] Pointing Dec	0	24.98842331876226	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	178.9808725989059			
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	322813494.368755	322813493.34374			
Observation start date	2008-03-25T06:24:54	2008-03-25T06:24:53			
[s] Observation end time (MET)	322825698.019349	322825696.99433			
Observation end date	2008-03-25T09:48:18	2008-03-25T09:48:16			
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)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3806904452443

A.2 Comments