

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57638 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 19 2012

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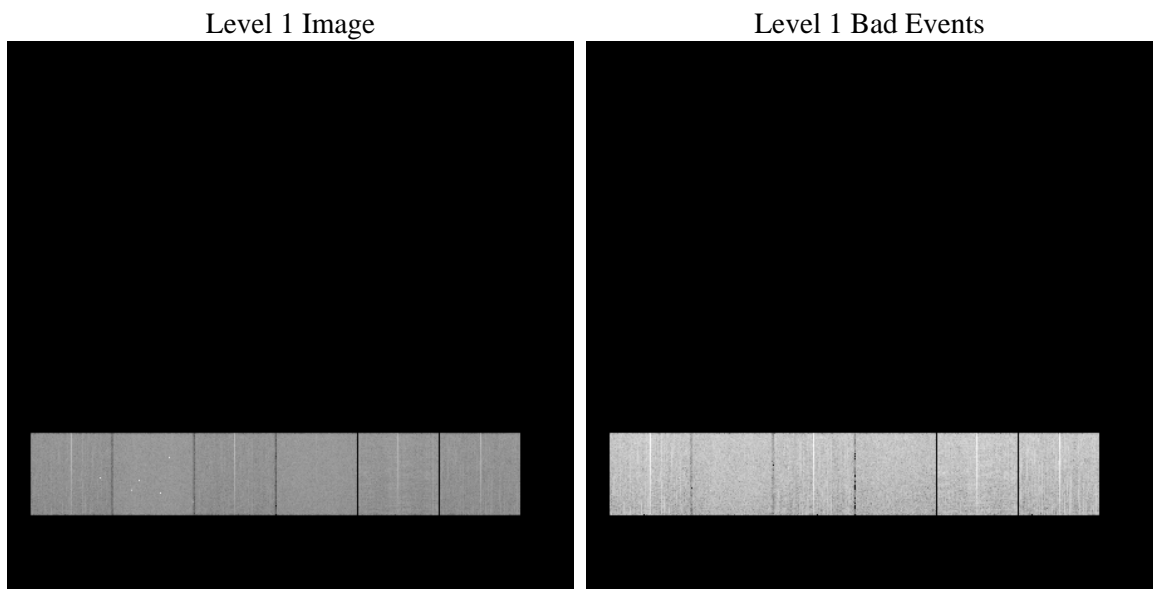
1 Front

seq_num	 	Sequence number
obs_id	57638	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	324.98172779257	Nominal RA [deg]
dec_nom	11.977590708622	Nominal Dec [deg]
roll_nom	198.56635165051	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.745605886	Sum of GTIs [s]
livetime	8167.003782377	Livetime [s]
ontime4	8271.6224858761	Sum of GTIs [s]
ontime5	8271.7045658827	Sum of GTIs [s]
ontime6	8271.6635258794	Sum of GTIs [s]
ontime7	8271.745605886	Sum of GTIs [s]
ontime8	8271.5814458728	Sum of GTIs [s]
ontime9	8271.7866458893	Sum of GTIs [s]
l2events	596656	Number of level 2 events

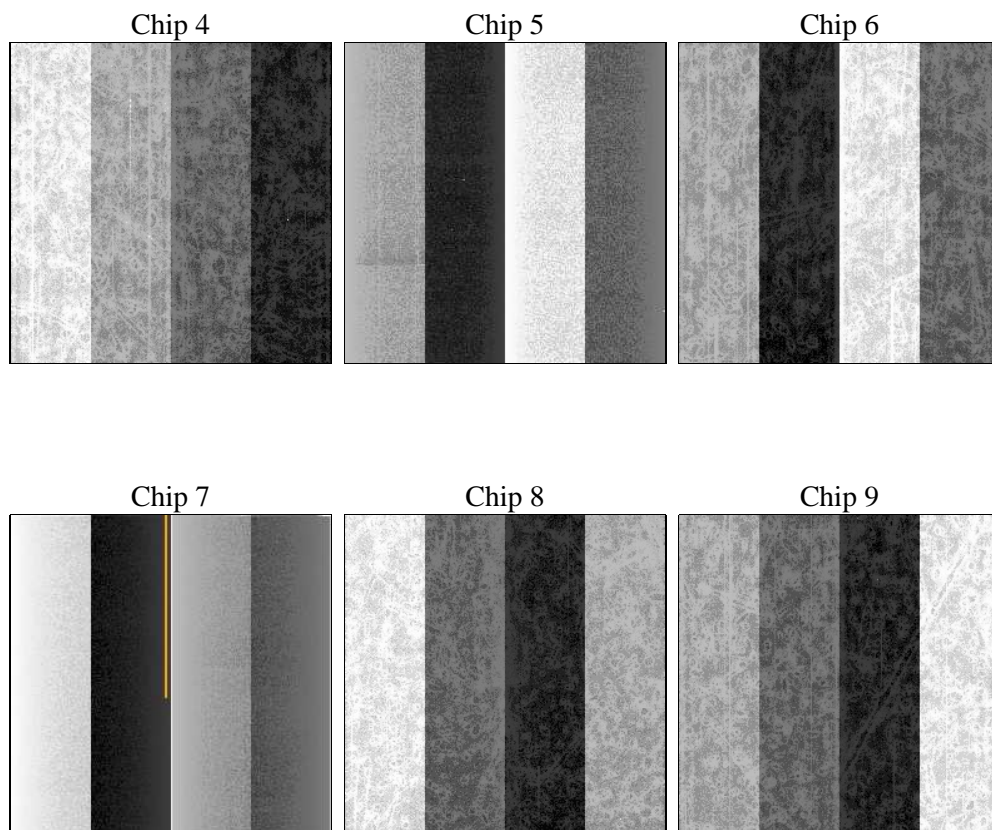
2 OBI

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	8271.745605886	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8271.6224858761	Sum of GTIs [s]
date	2012-05-19T22:10:38	Date and time of file creation	ontime5	8271.7045658827	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8271.6635258794	Sum of GTIs [s]
			ontime7	8271.745605886	Sum of GTIs [s]
			ontime8	8271.5814458728	Sum of GTIs [s]
			ontime9	8271.7866458893	Sum of GTIs [s]
			l1events	1110095	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	172907	202902	171779	196194	193305	173008	grade 0 events	52315	23771	50635	25557	55316	49923
rejected events	81578	72527	75611	67194	83455	79990		30%	11%	29%	13%	28%	28%
rejected %	47%	35%	44%	34%	43%	46%	grade 1 events	508	207	347	189	373	395
								0%	0%	0%	0%	0%	0%
							grade 2 events	14581	45359	17369	28155	20289	16090
								8%	22%	10%	14%	10%	9%
							grade 3 events	6400	6192	6182	12321	7701	6261
								3%	3%	3%	6%	3%	3%
							grade 4 events	6209	6205	6378	12032	7686	6185
								3%	3%	3%	6%	3%	3%
							grade 5 events	4204	10145	4452	11006	5724	4766
								2%	4%	2%	5%	2%	2%
							grade 6 events	11861	48905	15634	50986	18913	14580
								6%	24%	9%	25%	9%	8%
							grade 7 events	76829	62118	70782	55948	77303	74808
								44%	30%	41%	28%	39%	43%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	324.9817277925654	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	11.97759070862159	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	198.5663516505061	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	335880417.716877	335880416.69188			
Observation start date	2008-08-23T12:06:58	2008-08-23T12:06:56			
[s] Observation end time (MET)	335891828.017437	335891826.99244			
Observation end date	2008-08-23T15:17:08	2008-08-23T15:17:06			
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)	2012.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271745605886

A.2 Comments