

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62095 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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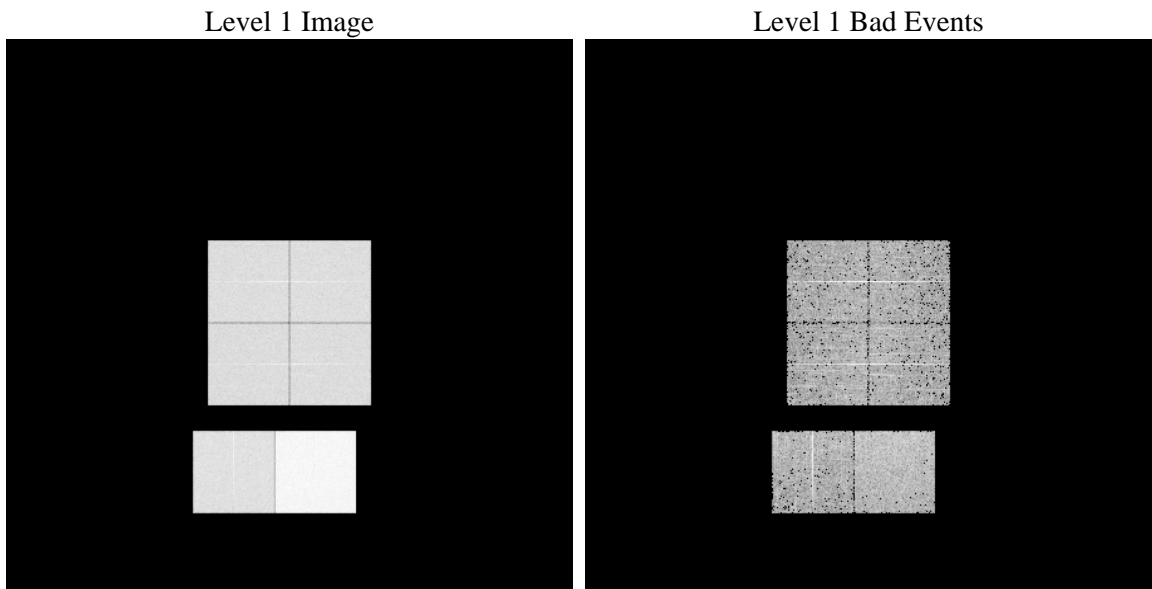
1 Front

seq_num	 	Sequence number
obs_id	62095	Observation id
title	ACIS-012367 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	279.98075932035	Nominal RA [deg]
dec_nom	-29.97655024324	Nominal Dec [deg]
roll_nom	93.22988827394	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4919.4463593364	Sum of GTIs [s]
livetime	4857.1533673995	Livetime [s]
ontime0	2051.1127854884	Sum of GTIs [s]
ontime1	2071.0229990035	Sum of GTIs [s]
ontime2	1918.1480658501	Sum of GTIs [s]
ontime3	1960.8276193887	Sum of GTIs [s]
ontime6	2187.7004786134	Sum of GTIs [s]
ontime7	4919.4463593364	Sum of GTIs [s]
l2events	1287769	Number of level 2 events

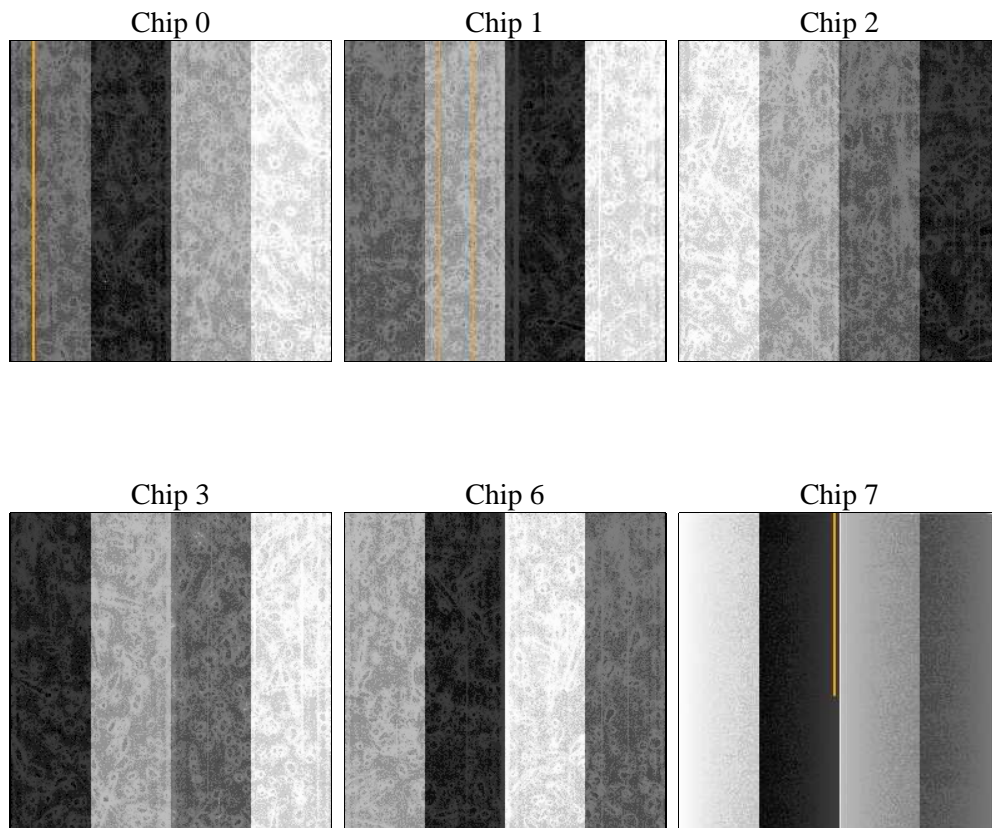
2 OBI

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	4919.4463593364	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2051.1127854884	Sum of GTIs [s]
date	2012-08-25T15:12:13	Date and time of file creation	ontime1	2071.0229990035	Sum of GTIs [s]
revision	5	Processing version of data	ontime2	1918.1480658501	Sum of GTIs [s]
			ontime3	1960.8276193887	Sum of GTIs [s]
			ontime6	2187.7004786134	Sum of GTIs [s]
			ontime7	4919.4463593364	Sum of GTIs [s]
			l1events	1467363	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	196738	199107	188005	191840	220665	471008	grade 0 events	97925	99501	93164	96321	108620	115059
rejected events	19207	18710	19588	19995	21107	27661		49%	49%	49%	50%	49%	24%
rejected %	9%	9%	10%	10%	9%	5%	grade 1 events	598	609	590	650	637	331
								0%	0%	0%	0%	0%	0%
							grade 2 events	31111	31393	29643	29879	34368	98749
								15%	15%	15%	15%	15%	20%
							grade 3 events	11279	11350	10570	10781	12430	45416
								5%	5%	5%	5%	5%	9%
							grade 4 events	11359	11440	10701	10788	12489	44997
								5%	5%	5%	5%	5%	9%
							grade 5 events	1461	1377	1337	1422	1588	6151
								0%	0%	0%	0%	0%	1%
							grade 6 events	26012	26713	24339	24076	31651	139305
								13%	13%	12%	12%	14%	29%
							grade 7 events	16993	16724	17661	17923	18882	21000
								8%	8%	9%	9%	8%	4%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	279.9807593203519
[deg] Pointing Dec	0	-29.97655024323975
[deg] Pointing Roll	0.0	93.22988827393982
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	71266814.58145	71266813.812984
Observation start date	2000-04-04T20:20:15	2000-04-04T20:20:13
[s] Observation end time (MET)	71310026.533033	71310025.764568
Observation end date	2000-04-05T08:20:27	2000-04-05T08:20:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9194463593364

A.2 Comments