

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58094 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 5 2012

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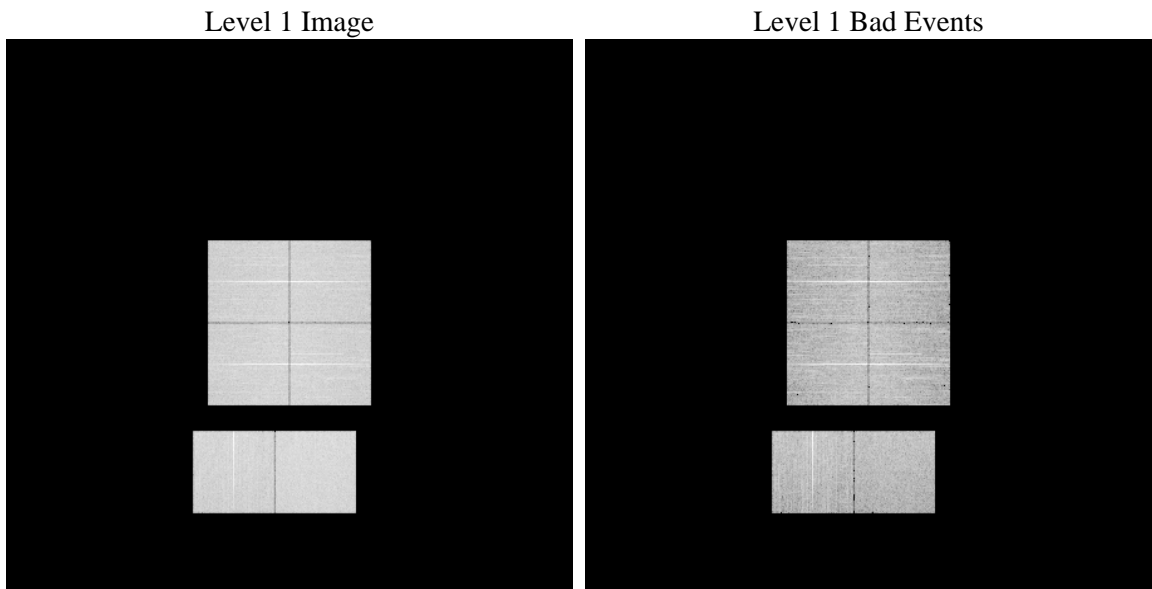
1 Front

seq_num	 	Sequence number
obs_id	58094	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	66.967737557485	Nominal RA [deg]
dec_nom	50.478524441856	Nominal Dec [deg]
roll_nom	189.0645621641	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8271.999969244	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	656615	Number of level 2 events

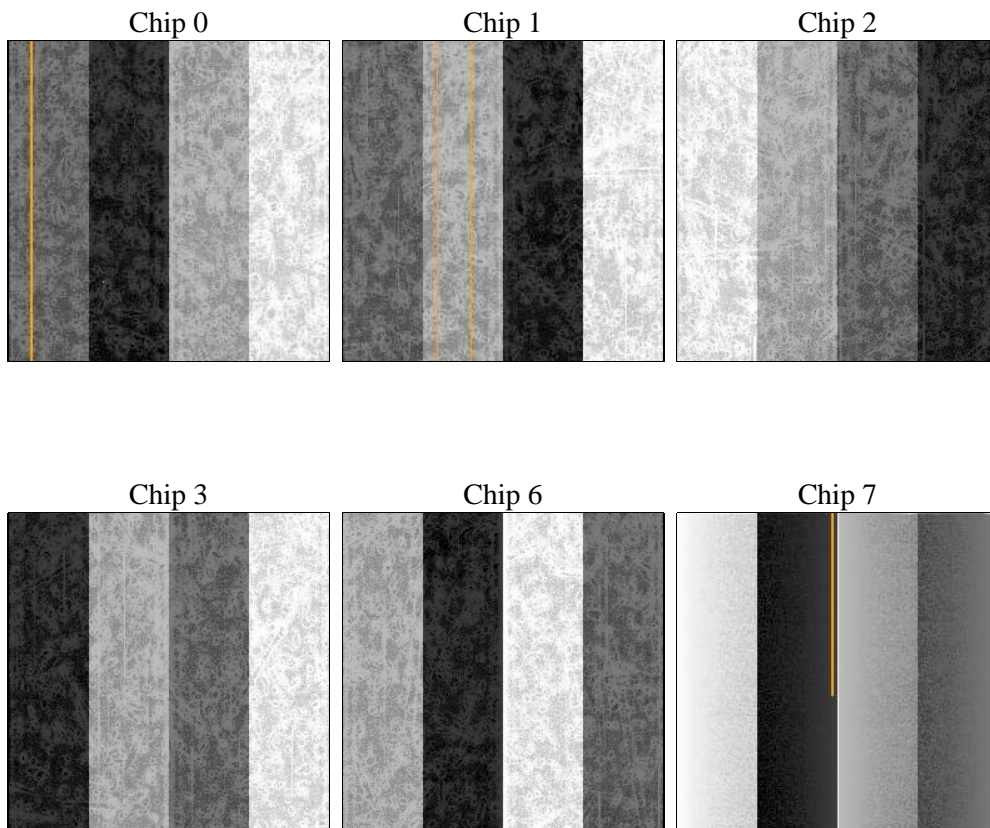
2 OBI

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	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-05-05T22:53:01	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	1129731	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	179451	178028	185020	185575	190359	211298	grade 0 events	58356	57696	59930	60223	60086	29342
rejected events	71337	69587	76326	75907	77167	66479		32%	32%	32%	32%	31%	13%
rejected %	39%	39%	41%	40%	40%	31%	grade 1 events	437	383	470	458	392	187
								0%	0%	0%	0%	0%	0%
							grade 2 events	19185	20052	18457	19074	19990	31389
								10%	11%	9%	10%	10%	14%
							grade 3 events	7251	7130	7302	7313	7218	13625
								4%	4%	3%	3%	3%	6%
							grade 4 events	7217	7062	7355	7387	7358	13729
								4%	3%	3%	3%	3%	6%
							grade 5 events	4007	4143	3746	4469	4393	10872
								2%	2%	2%	2%	2%	5%
							grade 6 events	16105	16501	15650	15671	18540	56734
								8%	9%	8%	8%	9%	26%
							grade 7 events	66893	65061	72110	70980	72382	55420
								37%	36%	38%	38%	38%	26%

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	66.96773755748525
[deg] Pointing Dec	0	50.47852444185609
[deg] Pointing Roll	0.0	189.0645621641032
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	313255153.655231	313255152.63022
Observation start date	2007-12-05T15:19:14	2007-12-05T15:19:12
[s] Observation end time (MET)	313278654.856367	313278653.83136
Observation end date	2007-12-05T21:50:55	2007-12-05T21:50:53
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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments