

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61862 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 3 2012

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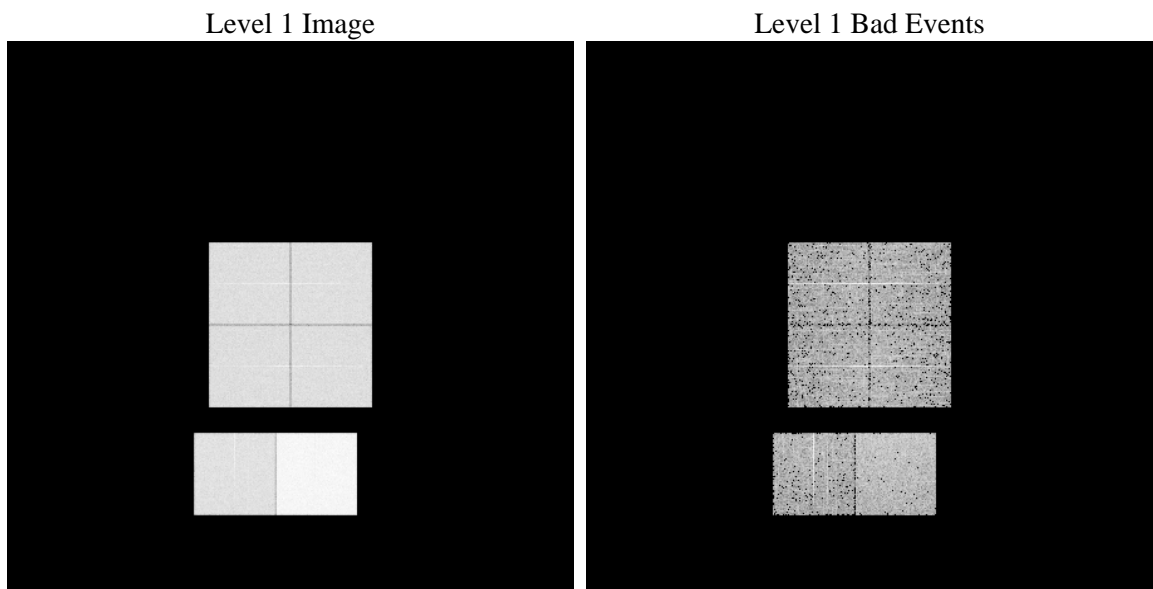
1 Front

seq_num	 	Sequence number
obs_id	61862	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	176.35322414747	Nominal RA [deg]
dec_nom	56.517787134099	Nominal Dec [deg]
roll_nom	42.751671858002	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5493.2564636916	Sum of GTIs [s]
livetime	5423.6975427064	Livetime [s]
ontime0	2352.7318305671	Sum of GTIs [s]
ontime1	2417.5528397411	Sum of GTIs [s]
ontime2	2287.4096841067	Sum of GTIs [s]
ontime3	2317.0807396173	Sum of GTIs [s]
ontime6	2492.0964405239	Sum of GTIs [s]
ontime7	5493.2564636916	Sum of GTIs [s]
l2events	1256928	Number of level 2 events

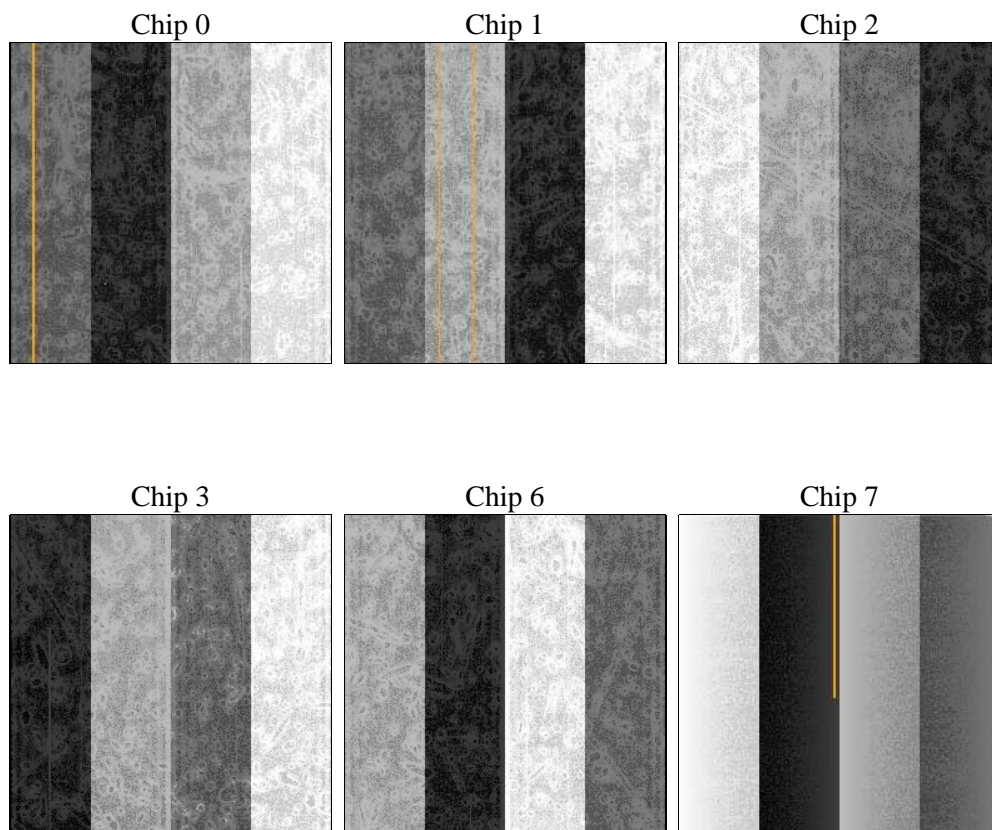
2 OBI

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	5493.2564636916	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2352.7318305671	Sum of GTIs [s]
date	2012-09-03T07:38:15	Date and time of file creation	ontime1	2417.5528397411	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2287.4096841067	Sum of GTIs [s]
			ontime3	2317.0807396173	Sum of GTIs [s]
			ontime6	2492.0964405239	Sum of GTIs [s]
			ontime7	5493.2564636916	Sum of GTIs [s]
			l1events	1429944	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	192299	197106	189413	192849	212280	445997	grade 0 events	95940	99157	95450	97301	105262	108506
rejected events	18312	18191	18199	19392	19131	27080		49%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	10%	9%	6%	grade 1 events	510	487	484	487	535	313
								0%	0%	0%	0%	0%	0%
							grade 2 events	31017	31693	30171	30433	33810	93194
								16%	16%	15%	15%	15%	20%
							grade 3 events	11071	11341	10738	11161	11847	42838
								5%	5%	5%	5%	5%	9%
							grade 4 events	11005	11210	10764	10994	11995	42784
								5%	5%	5%	5%	5%	9%
							grade 5 events	1373	1329	1342	1430	1480	6063
								0%	0%	0%	0%	0%	1%
							grade 6 events	25197	25742	24091	23794	30502	131839
								13%	13%	12%	12%	14%	29%
							grade 7 events	16186	16147	16373	17249	16849	20460
								8%	8%	8%	8%	7%	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	176.3532241474701
[deg] Pointing Dec	0	56.51778713409865
[deg] Pointing Roll	0.0	42.75167185800174
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	89773467.01899999	89773466.250936
Observation start date	2000-11-05T01:04:27	2000-11-05T01:04:26
[s] Observation end time (MET)	89817125.87100001	89817125.102577
Observation end date	2000-11-05T13:12:06	2000-11-05T13:12:05
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	0.000000	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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.4932564636916

A.2 Comments