

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 54726 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 6 2012

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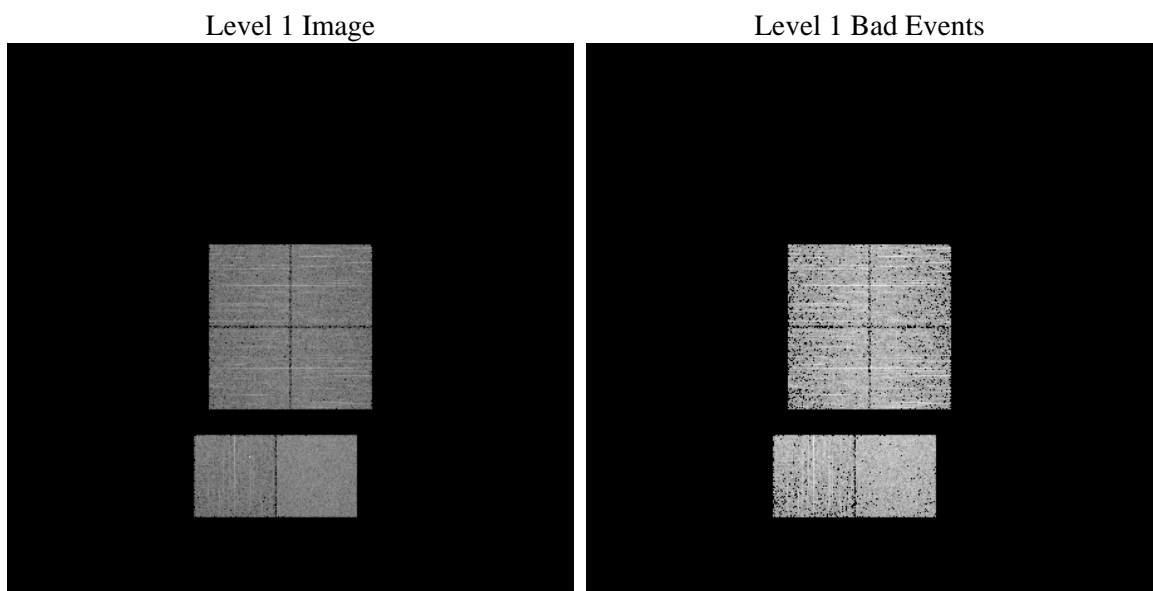
1 Front

seq_num	 	Sequence number
obs_id	54726	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	65.026484409166	Nominal RA [deg]
dec_nom	32.982409430607	Nominal Dec [deg]
roll_nom	288.6923111767	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3123.1999884248	Sum of GTIs [s]
livetime	3083.6521496061	Livetime [s]
ontime0	3123.1999884248	Sum of GTIs [s]
ontime1	3123.1999884248	Sum of GTIs [s]
ontime2	3123.1999884248	Sum of GTIs [s]
ontime3	3123.1999884248	Sum of GTIs [s]
ontime6	3123.1999884248	Sum of GTIs [s]
ontime7	3123.1999884248	Sum of GTIs [s]
l2events	97644	Number of level 2 events

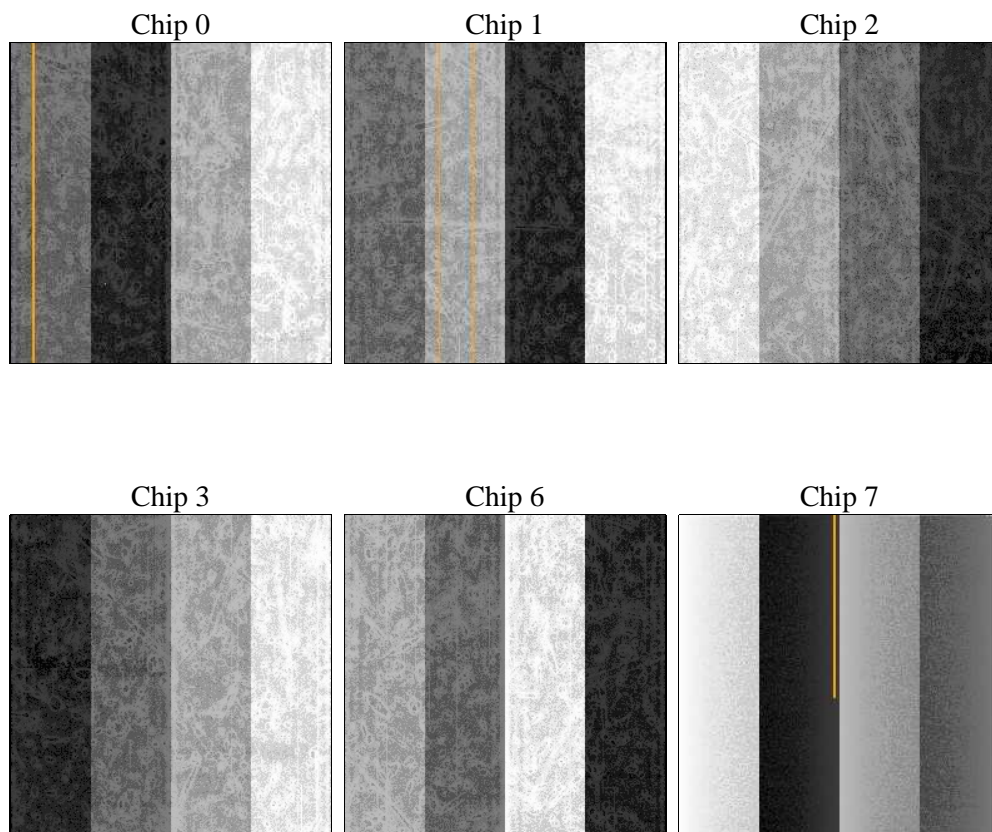
2 OBI

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	8.4.3	Processing system revision	ontime	3123.1999884248	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	3123.1999884248	Sum of GTIs [s]
date	2012-04-06T20:38:22	Date and time of file creation	ontime1	3123.1999884248	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3123.1999884248	Sum of GTIs [s]
			ontime3	3123.1999884248	Sum of GTIs [s]
			ontime6	3123.1999884248	Sum of GTIs [s]
			ontime7	3123.1999884248	Sum of GTIs [s]
			l1events	225074	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	35126	35077	34391	36643	36549	47288
rejected events	19759	19411	18936	20996	19522	22278
rejected %	56%	55%	55%	57%	53%	47%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	8474	8420	8854	8839	8776	4380
	24%	24%	25%	24%	24%	9%
grade 1 events	39	40	67	49	40	45
	0%	0%	0%	0%	0%	0%
grade 2 events	3036	3174	2874	2941	4078	5602
	8%	9%	8%	8%	11%	11%
grade 3 events	1108	1152	1192	1181	1142	2395
	3%	3%	3%	3%	3%	5%
grade 4 events	1140	1084	1107	1176	1105	2381
	3%	3%	3%	3%	3%	5%
grade 5 events	1172	1179	1147	1353	1257	3284
	3%	3%	3%	3%	3%	6%
grade 6 events	2475	2670	2332	2373	2848	11662
	7%	7%	6%	6%	7%	24%
grade 7 events	17682	17358	16818	18731	17303	17539
	50%	49%	48%	51%	47%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
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	65.02648440916577	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	32.98240943060706	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	288.6923111766984	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4660330802	250.4660330802			
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584			
[s] Observation start time (MET)	450087427.661544	450087427.661544			
Observation start date	2012-04-06T08:17:08	2012-04-06T08:17:07			
[s] Observation end time (MET)	450091974.911355	450091974.911355			
Observation end date	2012-04-06T09:32:55	2012-04-06T09:32:54			
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)	2012.04.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1231999884248

A.2 Comments