

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55049 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 26 2012

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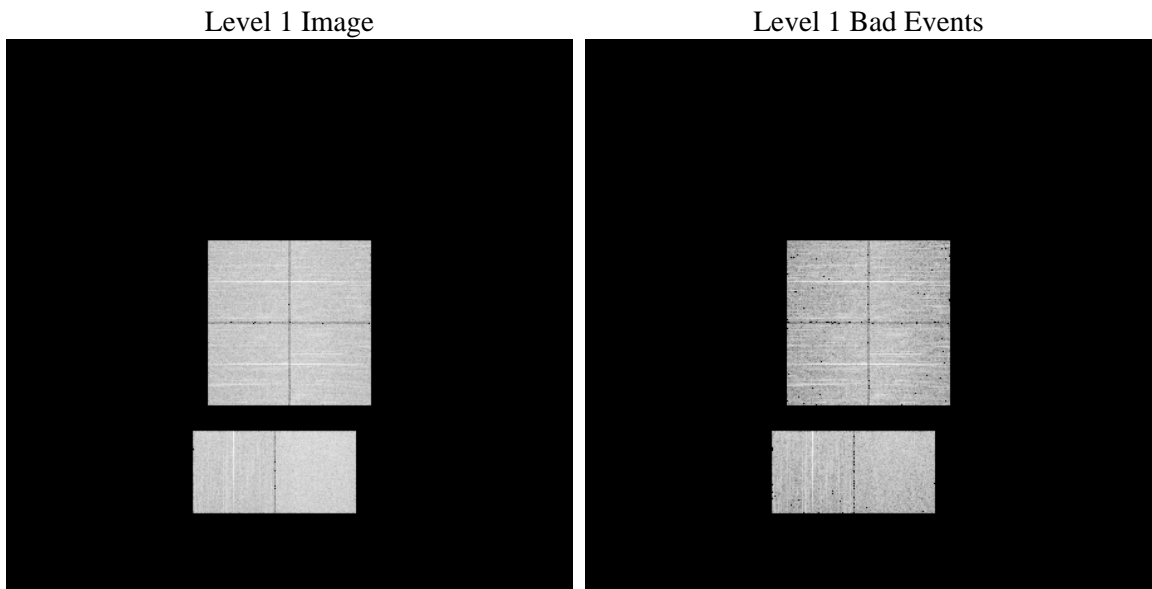
1 Front

seq_num	 	Sequence number
obs_id	55049	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	56.023187358055	Nominal RA [deg]
dec_nom	-11.982312800436	Nominal Dec [deg]
roll_nom	5.0411763465965	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6857.5999745131	Sum of GTIs [s]
livetime	6770.7649144848	Livetime [s]
ontime0	6857.5999745131	Sum of GTIs [s]
ontime1	6857.5999745131	Sum of GTIs [s]
ontime2	6857.5999745131	Sum of GTIs [s]
ontime3	6857.5999745131	Sum of GTIs [s]
ontime6	6857.5999745131	Sum of GTIs [s]
ontime7	6857.5999745131	Sum of GTIs [s]
l2events	229017	Number of level 2 events

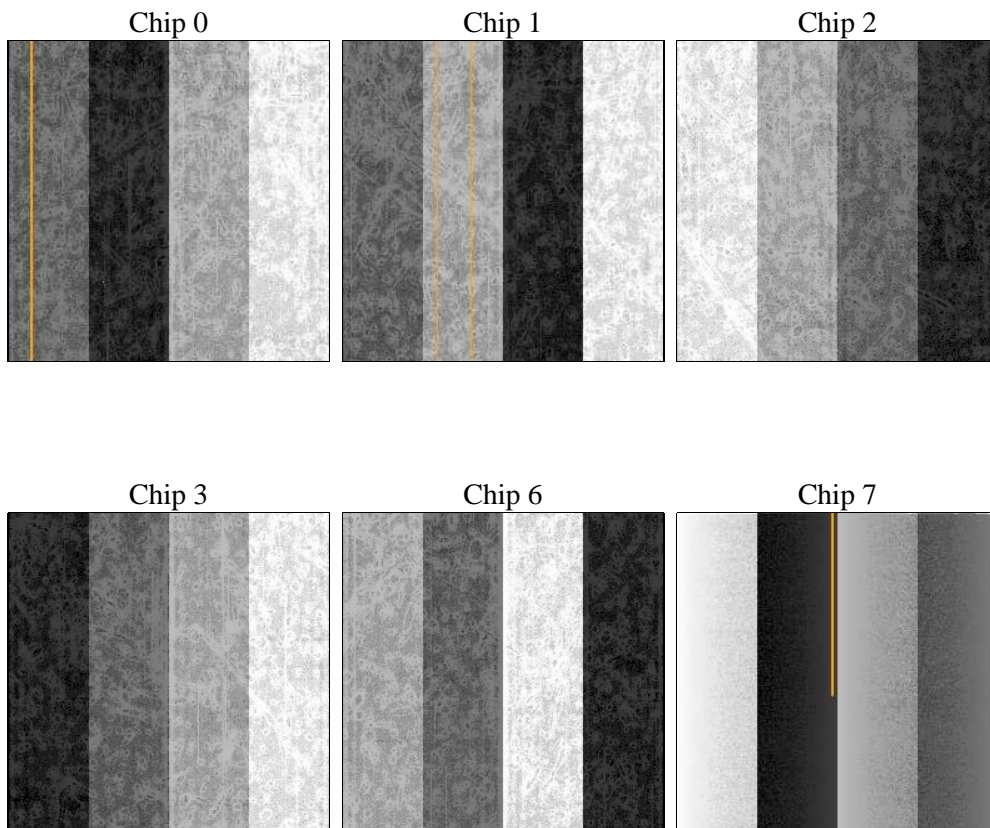
2 OBI

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	6857.5999745131	Sum of GTIs [s]
caldbver	4.4.8	 	ontime0	6857.5999745131	Sum of GTIs [s]
date	2012-02-26T18:13:14	Date and time of file creation	ontime1	6857.5999745131	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6857.5999745131	Sum of GTIs [s]
			ontime3	6857.5999745131	Sum of GTIs [s]
			ontime6	6857.5999745131	Sum of GTIs [s]
			ontime7	6857.5999745131	Sum of GTIs [s]
			l1events	519530	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	78404	80738	80453	85127	85817	108991	grade 0 events	18581	17458	19508	19679	17783	9199
rejected events	42512	44146	44225	48585	48220	49464		23%	21%	24%	23%	20%	8%
rejected %	54%	54%	54%	57%	56%	45%	grade 1 events	124	75	120	133	85	92
								0%	0%	0%	0%	0%	0%
							grade 2 events	6946	8349	6249	6415	8606	13216
								8%	10%	7%	7%	10%	12%
							grade 3 events	2397	2288	2519	2437	2151	4847
								3%	2%	3%	2%	2%	4%
							grade 4 events	2295	2326	2391	2514	2163	4788
								2%	2%	2%	2%	2%	4%
							grade 5 events	2660	2578	2550	2895	2623	6963
								3%	3%	3%	3%	3%	6%
							grade 6 events	5673	6171	5561	5497	6894	27477
								7%	7%	6%	6%	8%	25%
							grade 7 events	39728	41493	41555	45557	45512	42409
								50%	51%	51%	53%	53%	38%

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	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	56.02318735805522	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-11.98231280043632	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	5.041176346596538	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	438001461.372394	438001460.34739			
Observation start date	2011-11-18T11:04:21	2011-11-18T11:04:20			
[s] Observation end time (MET)	438012213.622961	438012212.59795			
Observation end date	2011-11-18T14:03:34	2011-11-18T14:03:32			
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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.8575999745131

A.2 Comments