

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59139 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 24 2012

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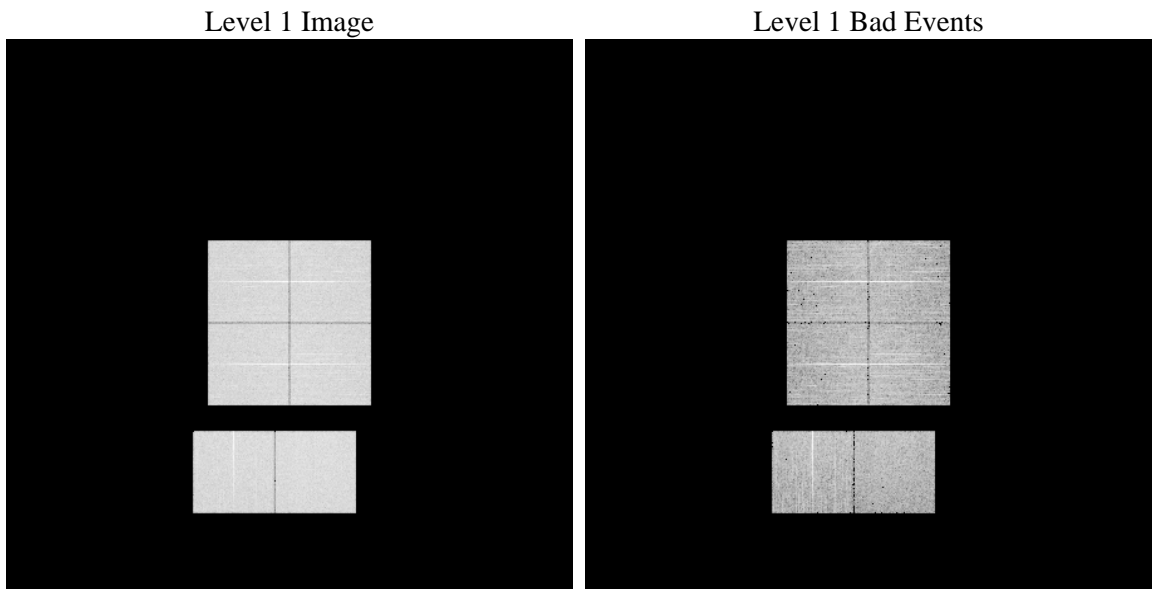
1 Front

seq_num	 	Sequence number
obs_id	59139	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	155.96343876847	Nominal RA [deg]
dec_nom	40.005766303385	Nominal Dec [deg]
roll_nom	135.43178065174	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5580.5792938769	Sum of GTIs [s]
livetime	5509.9146386364	Livetime [s]
ontime0	5580.5382538736	Sum of GTIs [s]
ontime1	5580.4972138703	Sum of GTIs [s]
ontime2	5580.456173867	Sum of GTIs [s]
ontime3	5580.6203338802	Sum of GTIs [s]
ontime6	5580.4151338935	Sum of GTIs [s]
ontime7	5580.5792938769	Sum of GTIs [s]
l2events	664699	Number of level 2 events

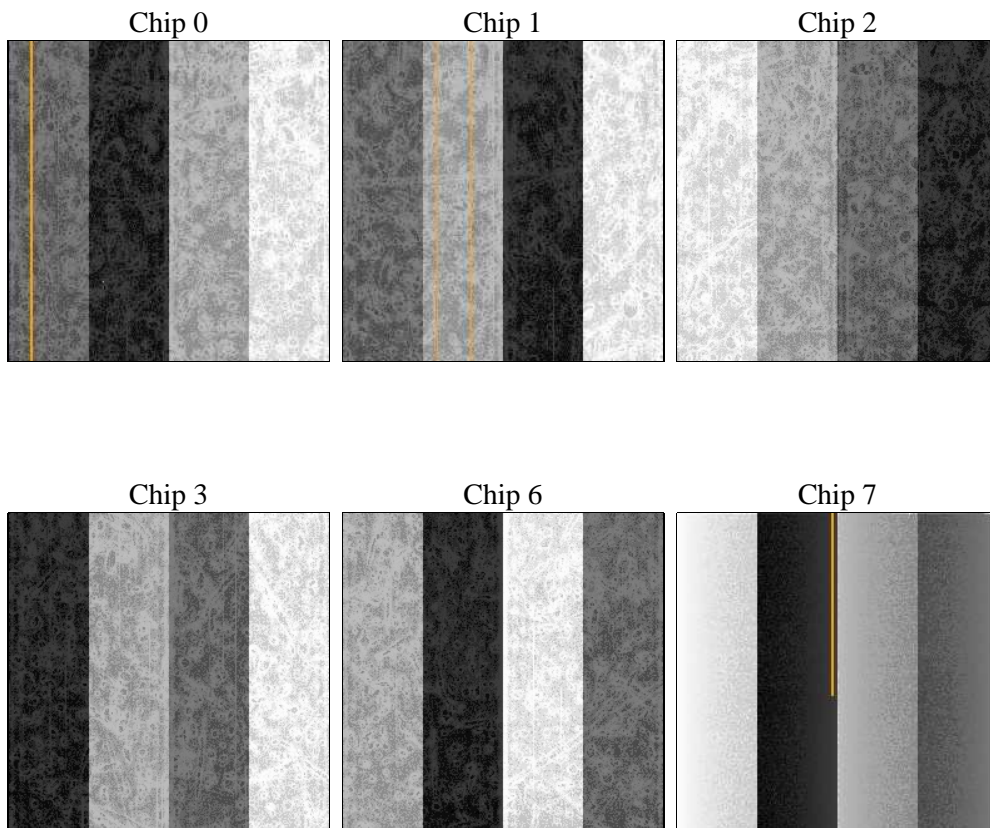
2 OBI

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	5580.5792938769	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	5580.5382538736	Sum of GTIs [s]
date	2012-03-25T00:17:21	Date and time of file creation	ontime1	5580.4972138703	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	5580.456173867	Sum of GTIs [s]
			ontime3	5580.6203338802	Sum of GTIs [s]
			ontime6	5580.4151338935	Sum of GTIs [s]
			ontime7	5580.5792938769	Sum of GTIs [s]
			l1events	963610	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	156823	155774	156891	160508	162555	171059	grade 0 events	61510	61107	63167	62889	63425	29886
rejected events	45226	43345	43948	47523	45257	38571		39%	39%	40%	39%	39%	17%
rejected %	28%	27%	28%	29%	27%	22%	grade 1 events	360	322	463	466	305	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	19403	20090	19148	19292	20600	29337
								12%	12%	12%	12%	12%	17%
							grade 3 events	7265	7299	7328	7585	7365	13209
								4%	4%	4%	4%	4%	7%
							grade 4 events	7249	7107	7457	7430	7305	13026
								4%	4%	4%	4%	4%	7%
							grade 5 events	2471	2637	2338	2822	2742	6633
								1%	1%	1%	1%	1%	3%
							grade 6 events	16170	16826	15843	15789	18603	47030
								10%	10%	10%	9%	11%	27%
							grade 7 events	42395	40386	41147	44235	42210	31833
								27%	25%	26%	27%	25%	18%

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	155.9634387684652
[deg] Pointing Dec	0	40.00576630338499
[deg] Pointing Roll	0.0	135.4317806517438
[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)	255183597.554661	255183596.52966
Observation start date	2006-02-01T12:19:58	2006-02-01T12:19:56
[s] Observation end time (MET)	255200585.905449	255200584.88045
Observation end date	2006-02-01T17:03:06	2006-02-01T17:03:04
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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5805792938769

A.2 Comments