

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56173 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 28 2012

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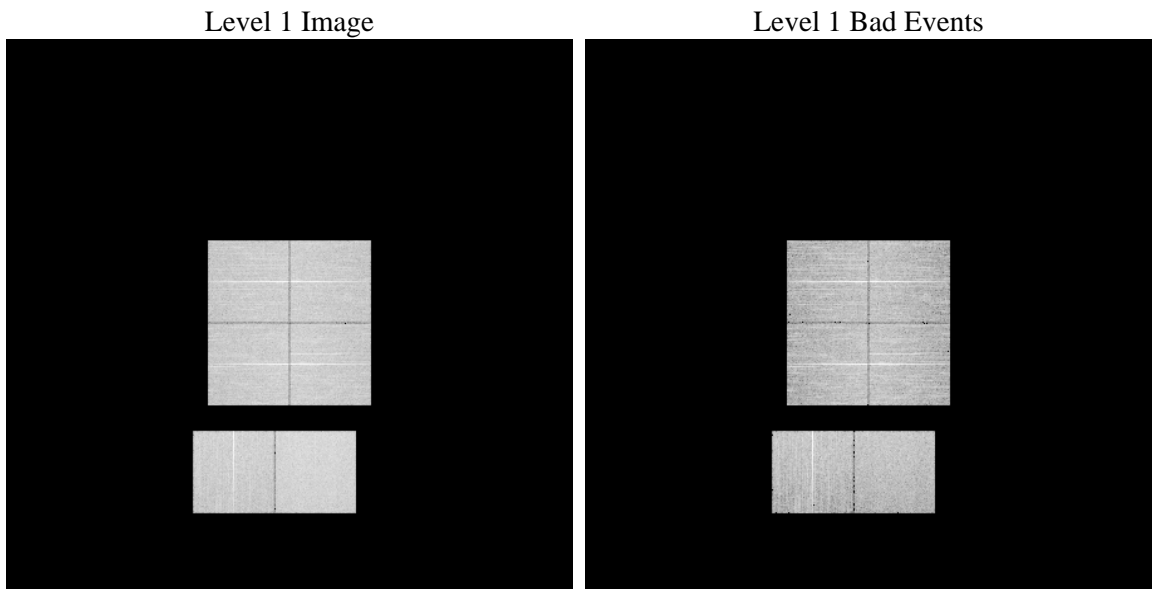
1 Front

seq_num	 	Sequence number
obs_id	56173	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	268.4792876779	Nominal RA [deg]
dec_nom	0.98134583344744	Nominal Dec [deg]
roll_nom	181.59257233433	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8276.9362527132	Sum of GTIs [s]
livetime	8172.1287021087	Livetime [s]
ontime0	8276.8952127099	Sum of GTIs [s]
ontime1	8276.8541727066	Sum of GTIs [s]
ontime2	8276.8131327033	Sum of GTIs [s]
ontime3	8273.7363022566	Sum of GTIs [s]
ontime6	8276.7720927	Sum of GTIs [s]
ontime7	8276.9362527132	Sum of GTIs [s]
l2events	376150	Number of level 2 events

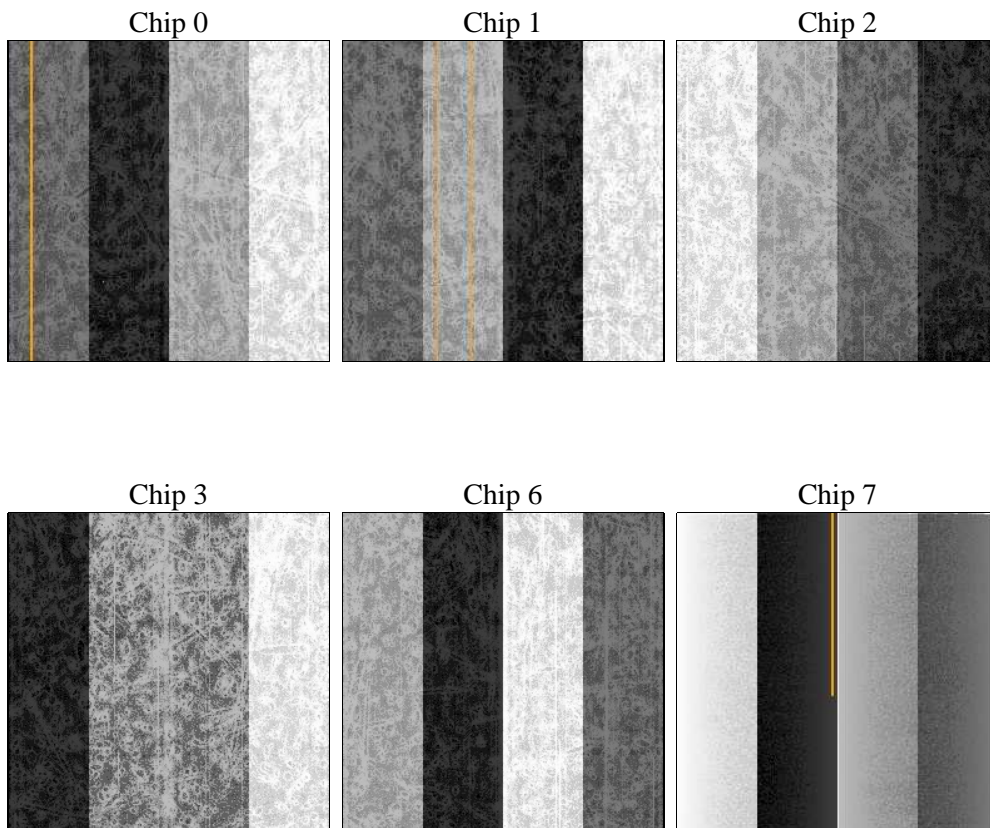
2 OBI

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	8276.9362527132	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8276.8952127099	Sum of GTIs [s]
date	2012-06-28T22:14:08	Date and time of file creation	ontime1	8276.8541727066	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8276.8131327033	Sum of GTIs [s]
			ontime3	8273.7363022566	Sum of GTIs [s]
			ontime6	8276.7720927	Sum of GTIs [s]
			ontime7	8276.9362527132	Sum of GTIs [s]
			l1events	807567	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	126021	125416	128440	131721	134312	161657	grade 0 events	31297	29053	32452	32430	28772	15840
rejected events	65437	64637	68573	71539	72767	66821		24%	23%	25%	24%	21%	9%
rejected %	51%	51%	53%	54%	54%	41%	grade 1 events	191	161	211	221	151	133
								0%	0%	0%	0%	0%	0%
							grade 2 events	11768	14157	10341	10568	14626	21060
								9%	11%	8%	8%	10%	13%
							grade 3 events	3956	3753	4108	4050	3513	8073
								3%	2%	3%	3%	2%	4%
							grade 4 events	3967	3741	4107	4077	3498	7915
								3%	2%	3%	3%	2%	4%
							grade 5 events	3501	3505	3419	3922	3588	9779
								2%	2%	2%	2%	2%	6%
							grade 6 events	9596	10075	8859	9057	11136	41948
								7%	8%	6%	6%	8%	25%
							grade 7 events	61745	60971	64943	67396	69028	56909
								48%	48%	50%	51%	51%	35%

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	268.479287677897	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	0.9813458334474361	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	181.5925723343344	[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)	393450390.198699	393450389.17371			
Observation start date	2010-06-20T19:46:30	2010-06-20T19:46:29			
[s] Observation end time (MET)	393462696.349327	393462695.32433			
Observation end date	2010-06-20T23:11:36	2010-06-20T23:11:35			
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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2769362527132

A.2 Comments