

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61769 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 7 2012

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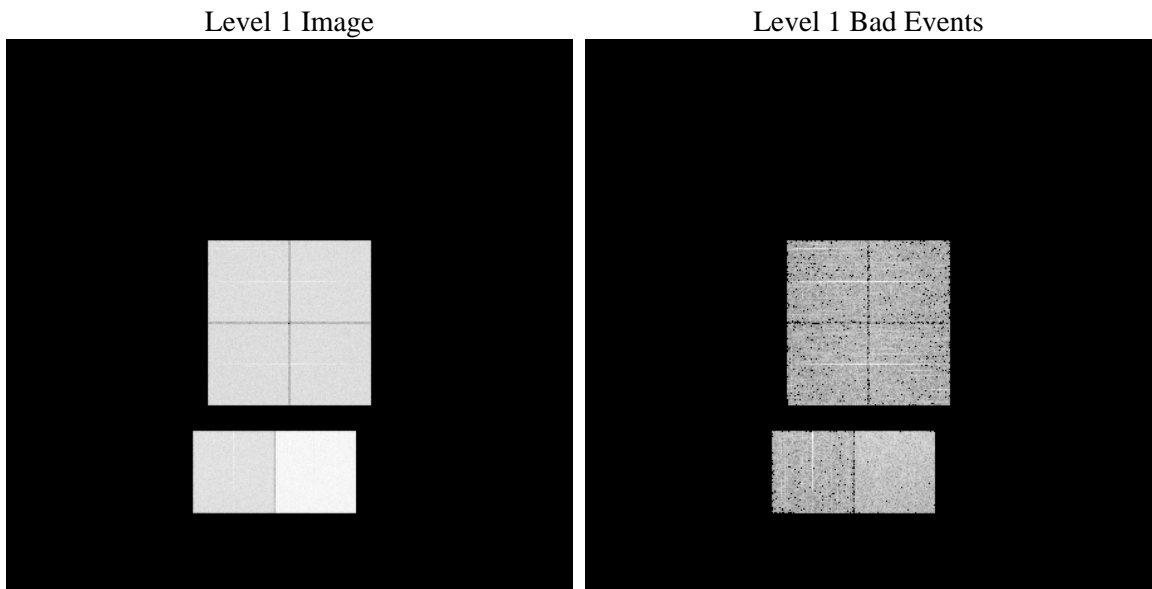
1 Front

seq_num	 	Sequence number
obs_id	61769	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	353.93211436076	Nominal RA [deg]
dec_nom	32.390647380421	Nominal Dec [deg]
roll_nom	308.41253480025	Nominal Roll [deg]
revision	4	Processing version of data
ontime	6324.8422781676	Sum of GTIs [s]
livetime	6244.7533168787	Livetime [s]
ontime0	2685.1913420409	Sum of GTIs [s]
ontime1	2722.4710005969	Sum of GTIs [s]
ontime2	2548.9857917577	Sum of GTIs [s]
ontime3	2605.7325307876	Sum of GTIs [s]
ontime6	2839.1477923393	Sum of GTIs [s]
ontime7	6324.8422781676	Sum of GTIs [s]
l2events	1352681	Number of level 2 events

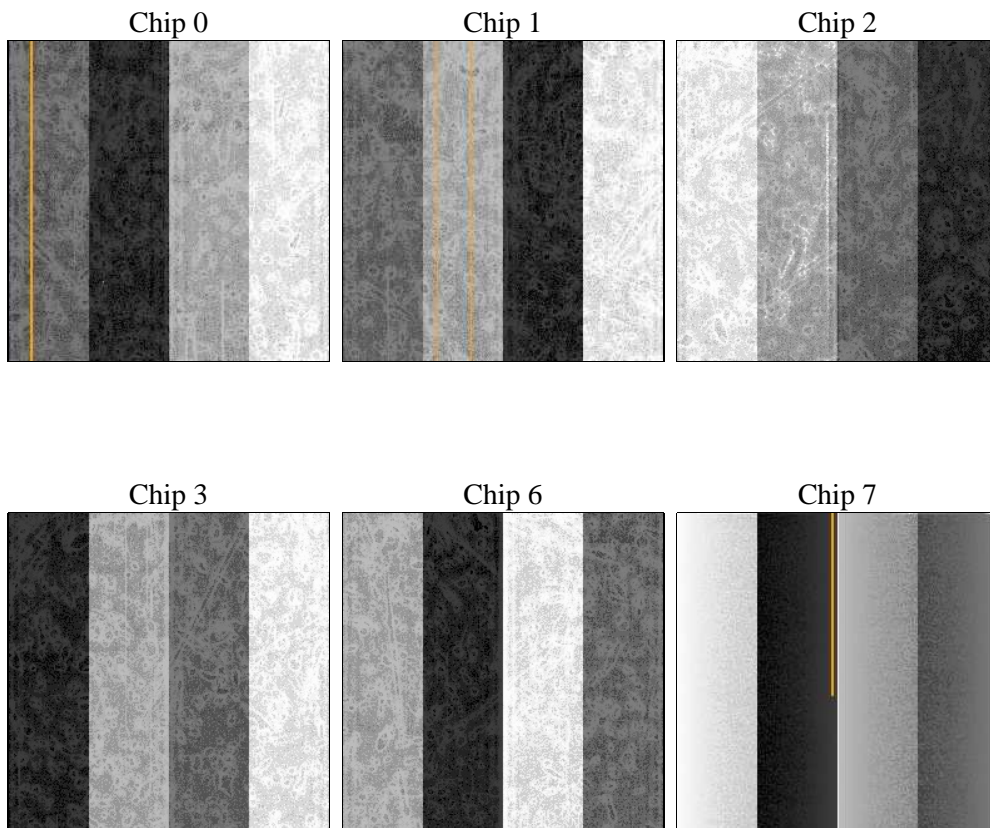
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6324.8422781676	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime0	2685.1913420409	Sum of GTIs [s]
date	2012-09-07T03:14:47	Date and time of file creation	ontime1	2722.4710005969	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2548.9857917577	Sum of GTIs [s]
			ontime3	2605.7325307876	Sum of GTIs [s]
			ontime6	2839.1477923393	Sum of GTIs [s]
			ontime7	6324.8422781676	Sum of GTIs [s]
			l1events	1548243	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	208231	210648	200540	206202	232075	490547	grade 0 events	104216	105373	100791	104001	115390	118183
rejected events	20526	19926	20011	21561	22430	33889		50%	50%	50%	50%	49%	24%
rejected %	9%	9%	9%	10%	9%	6%	grade 1 events	540	562	525	527	558	315
								0%	0%	0%	0%	0%	0%
							grade 2 events	33221	33940	31767	32555	36137	100966
								15%	16%	15%	15%	15%	20%
							grade 3 events	11904	12140	11357	11646	13123	46551
								5%	5%	5%	5%	5%	9%
							grade 4 events	11897	12281	11485	11838	12837	46298
								5%	5%	5%	5%	5%	9%
							grade 5 events	1517	1571	1447	1501	1739	6995
								0%	0%	0%	0%	0%	1%
							grade 6 events	27333	27945	26072	25759	33349	147227
								13%	13%	13%	12%	14%	30%
							grade 7 events	17603	16836	17096	18375	18942	24012
								8%	7%	8%	8%	8%	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	353.9321143607557
[deg] Pointing Dec	0	32.39064738042145
[deg] Pointing Roll	0.0	308.4125348002464
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	96203743.265	96203742.49668001
Observation start date	2001-01-18T11:15:43	2001-01-18T11:15:42
[s] Observation end time (MET)	96225526.566	96225525.797517
Observation end date	2001-01-18T17:18:47	2001-01-18T17:18:45
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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3248422781676

A.2 Comments