

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62133 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 2012

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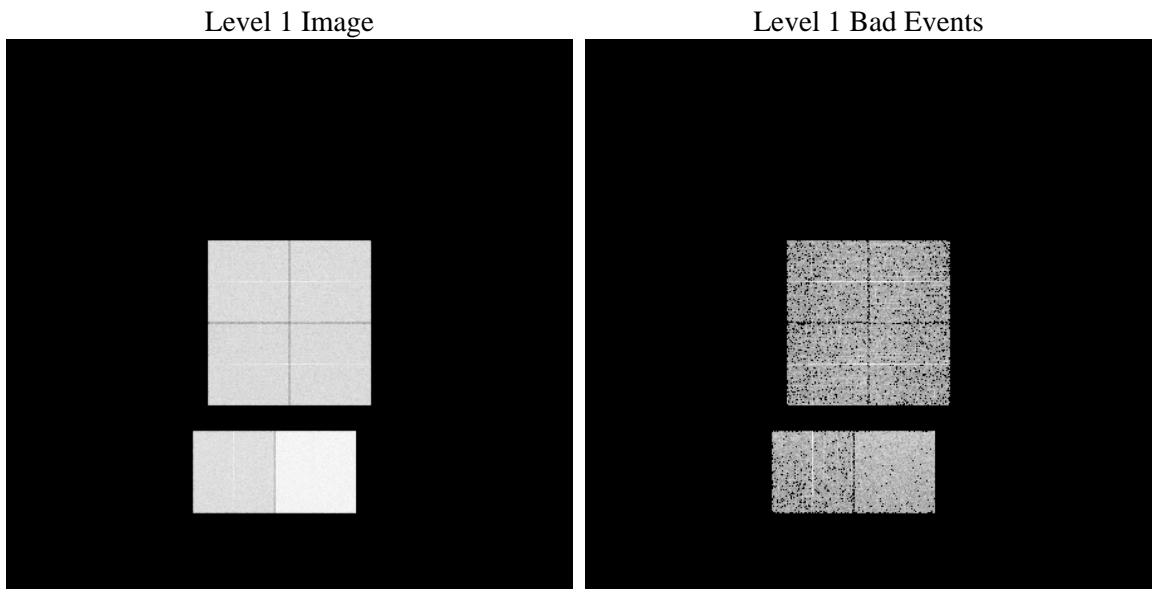
1 Front

seq_num	 	Sequence number
obs_id	62133	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	281.50836550739	Nominal RA [deg]
dec_nom	76.981989491984	Nominal Dec [deg]
roll_nom	65.544182964391	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3520.6997901499	Sum of GTIs [s]
livetime	3476.1185694961	Livetime [s]
ontime0	1464.3790864646	Sum of GTIs [s]
ontime1	1451.4560861737	Sum of GTIs [s]
ontime2	1370.4711463004	Sum of GTIs [s]
ontime3	1392.9942463338	Sum of GTIs [s]
ontime6	1558.4924360514	Sum of GTIs [s]
ontime7	3520.6997901499	Sum of GTIs [s]
l2events	920082	Number of level 2 events

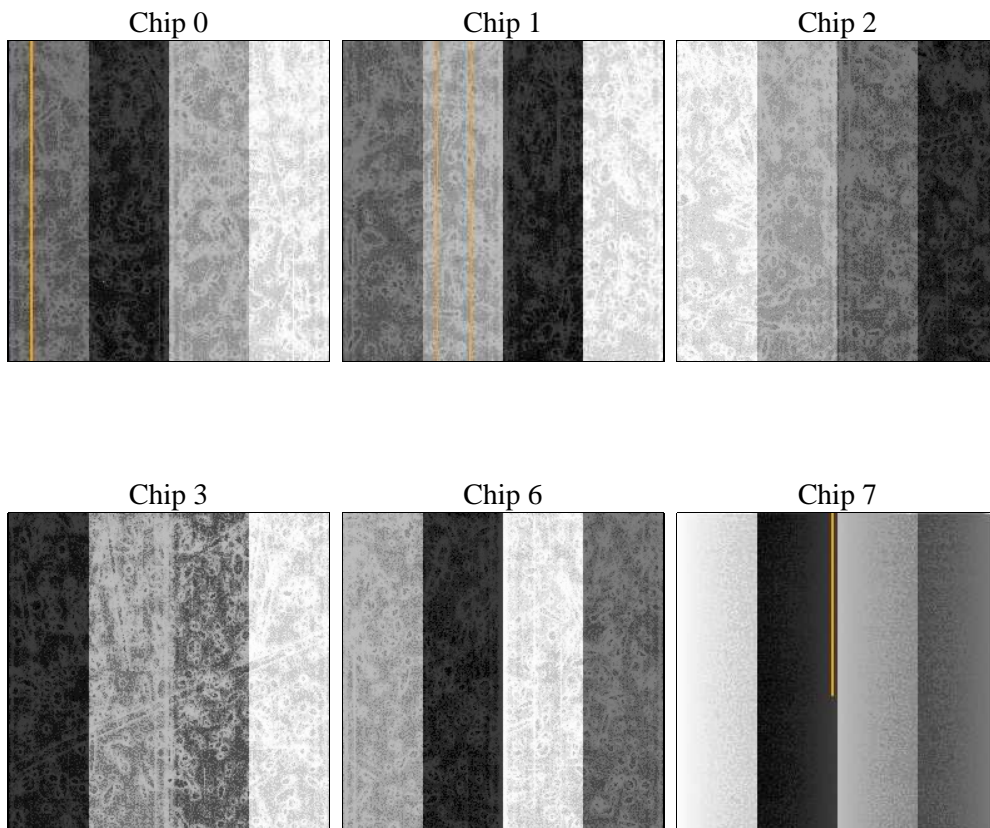
2 OBI

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	3520.6997901499	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1464.3790864646	Sum of GTIs [s]
date	2012-08-24T05:18:21	Date and time of file creation	ontime1	1451.4560861737	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1370.4711463004	Sum of GTIs [s]
			ontime3	1392.9942463338	Sum of GTIs [s]
			ontime6	1558.4924360514	Sum of GTIs [s]
			ontime7	3520.6997901499	Sum of GTIs [s]
			l1events	1049997	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	139971	140763	134654	136761	158137	339711	grade 0 events	70165	69751	66860	68631	78459	82818
rejected events	13319	14666	14635	14201	14938	20101		50%	49%	49%	50%	49%	24%
rejected %	9%	10%	10%	10%	9%	5%	grade 1 events	415	412	427	393	439	227
								0%	0%	0%	0%	0%	0%
							grade 2 events	22379	21973	20899	21305	24483	70946
								15%	15%	15%	15%	15%	20%
							grade 3 events	8051	8029	7712	7884	9003	32987
								5%	5%	5%	5%	5%	9%
							grade 4 events	7944	8060	7502	7742	8958	32625
								5%	5%	5%	5%	5%	9%
							grade 5 events	1022	1063	960	1074	1097	4633
								0%	0%	0%	0%	0%	1%
							grade 6 events	18113	18284	17046	16998	22296	100520
								12%	12%	12%	12%	14%	29%
							grade 7 events	11882	13191	13248	12734	13402	14955
								8%	9%	9%	9%	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	281.5083655073893
[deg] Pointing Dec	0	76.98198949198429
[deg] Pointing Roll	0.0	65.54418296439142
[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)	68805678.79099999	68805678.02299
Observation start date	2000-03-07T08:41:19	2000-03-07T08:41:18
[s] Observation end time (MET)	68812978.84199999	68812978.073257
Observation end date	2000-03-07T10:42:59	2000-03-07T10:42:58
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)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5206997901499

A.2 Comments