

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62136 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 24 2012

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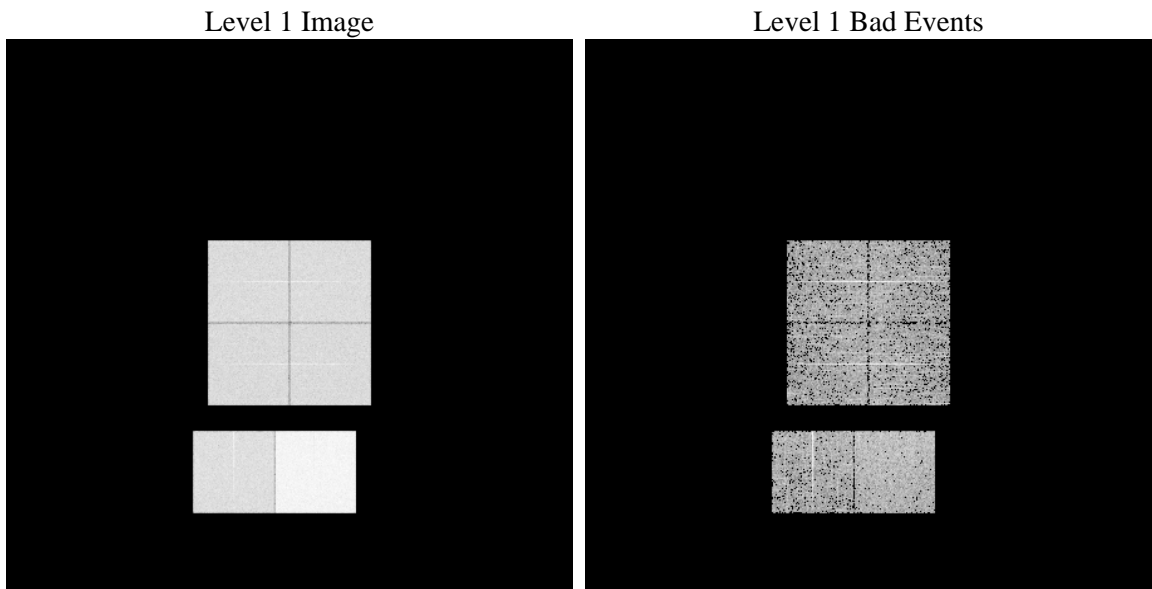
1 Front

seq_num	 	Sequence number
obs_id	62136	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	281.49624682424	Nominal RA [deg]
dec_nom	76.982553812873	Nominal Dec [deg]
roll_nom	65.563408602796	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3532.7125845701	Sum of GTIs [s]
livetime	3487.9792506801	Livetime [s]
ontime0	1497.3589805961	Sum of GTIs [s]
ontime1	1497.3590603471	Sum of GTIs [s]
ontime2	1380.6817004085	Sum of GTIs [s]
ontime3	1387.1637006551	Sum of GTIs [s]
ontime6	1568.6618404537	Sum of GTIs [s]
ontime7	3532.7125845701	Sum of GTIs [s]
l2events	928468	Number of level 2 events

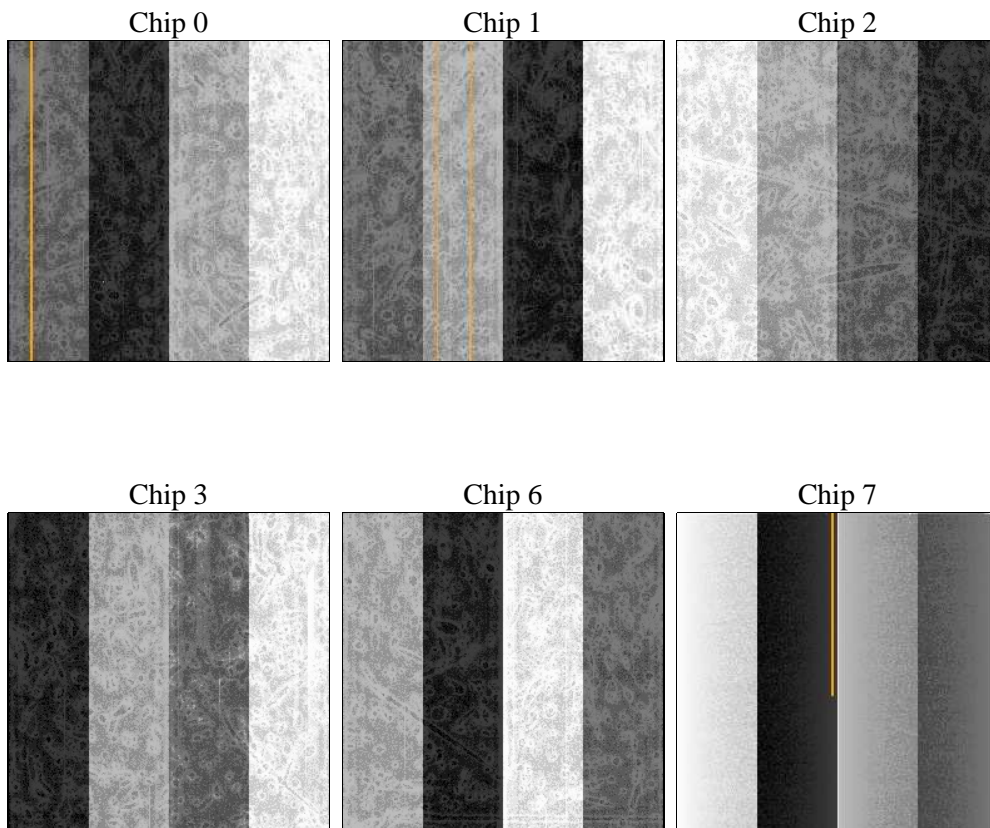
2 OBI

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	3532.7125845701	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	1497.3589805961	Sum of GTIs [s]
date	2012-08-24T05:07:04	Date and time of file creation	ontime1	1497.3590603471	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	1380.6817004085	Sum of GTIs [s]
			ontime3	1387.1637006551	Sum of GTIs [s]
			ontime6	1568.6618404537	Sum of GTIs [s]
			ontime7	3532.7125845701	Sum of GTIs [s]
			l1events	1060771	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	143879	144414	135213	136998	159006	341261	grade 0 events	71753	71961	67533	68458	78443	82730
rejected events	14629	14246	13993	14663	15725	20779		49%	49%	49%	49%	49%	24%
rejected %	10%	9%	10%	10%	9%	6%	grade 1 events	435	369	399	395	476	216
								0%	0%	0%	0%	0%	0%
							grade 2 events	22628	22897	21492	21375	24793	71637
								15%	15%	15%	15%	15%	20%
							grade 3 events	8246	8376	7584	7733	8711	33043
								5%	5%	5%	5%	5%	9%
							grade 4 events	8379	8361	7762	7697	8874	32837
								5%	5%	5%	5%	5%	9%
							grade 5 events	1114	1030	940	1028	1199	4523
								0%	0%	0%	0%	0%	1%
							grade 6 events	18805	18849	17135	17072	22736	101101
								13%	13%	12%	12%	14%	29%
							grade 7 events	12519	12571	12368	13240	13774	15174
								8%	8%	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	281.4962468242411
[deg] Pointing Dec	0	76.98255381287335
[deg] Pointing Roll	0.0	65.56340860279641
[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)	68748760.539	68748759.77091201
Observation start date	2000-03-06T16:52:41	2000-03-06T16:52:39
[s] Observation end time (MET)	68757198.34	68757197.57122
Observation end date	2000-03-06T19:13:18	2000-03-06T19:13:17
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	3.5327125845701

A.2 Comments