

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60786 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 26 2012

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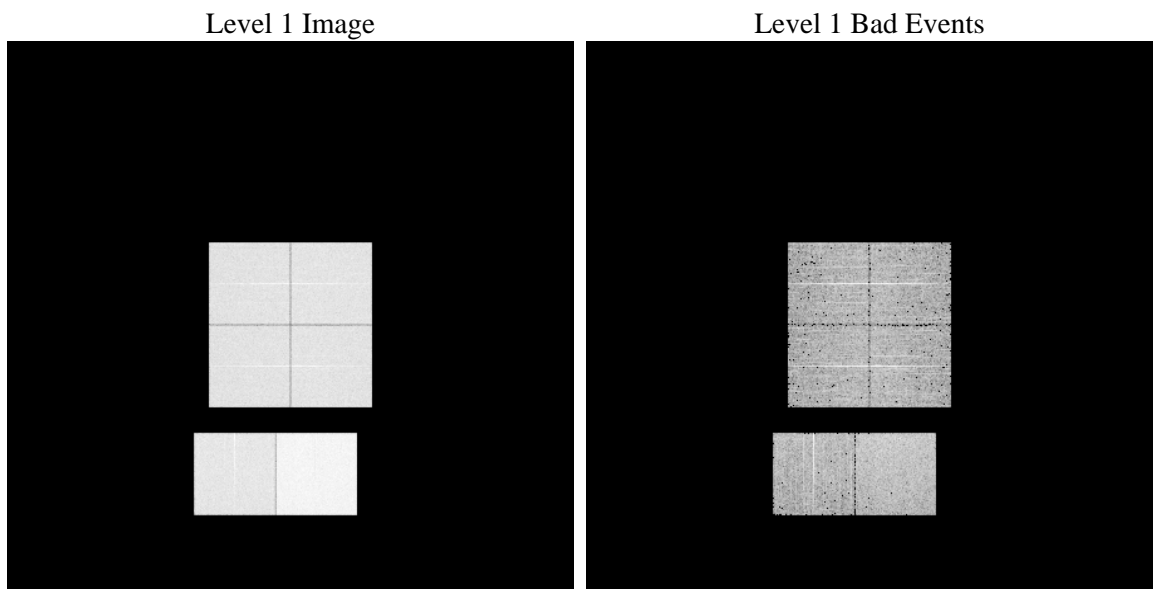
1 Front

seq_num	 	Sequence number
obs_id	60786	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	139.03231766391	Nominal RA [deg]
dec_nom	-45.017087771955	Nominal Dec [deg]
roll_nom	290.19084364388	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7791.9999709725	Sum of GTIs [s]
livetime	7693.332975561	Livetime [s]
ontime0	4239.8945943415	Sum of GTIs [s]
ontime1	4486.2086027265	Sum of GTIs [s]
ontime2	4171.832804203	Sum of GTIs [s]
ontime3	4240.9763868749	Sum of GTIs [s]
ontime6	4606.1258172095	Sum of GTIs [s]
ontime7	7791.9999709725	Sum of GTIs [s]
l2events	1179466	Number of level 2 events

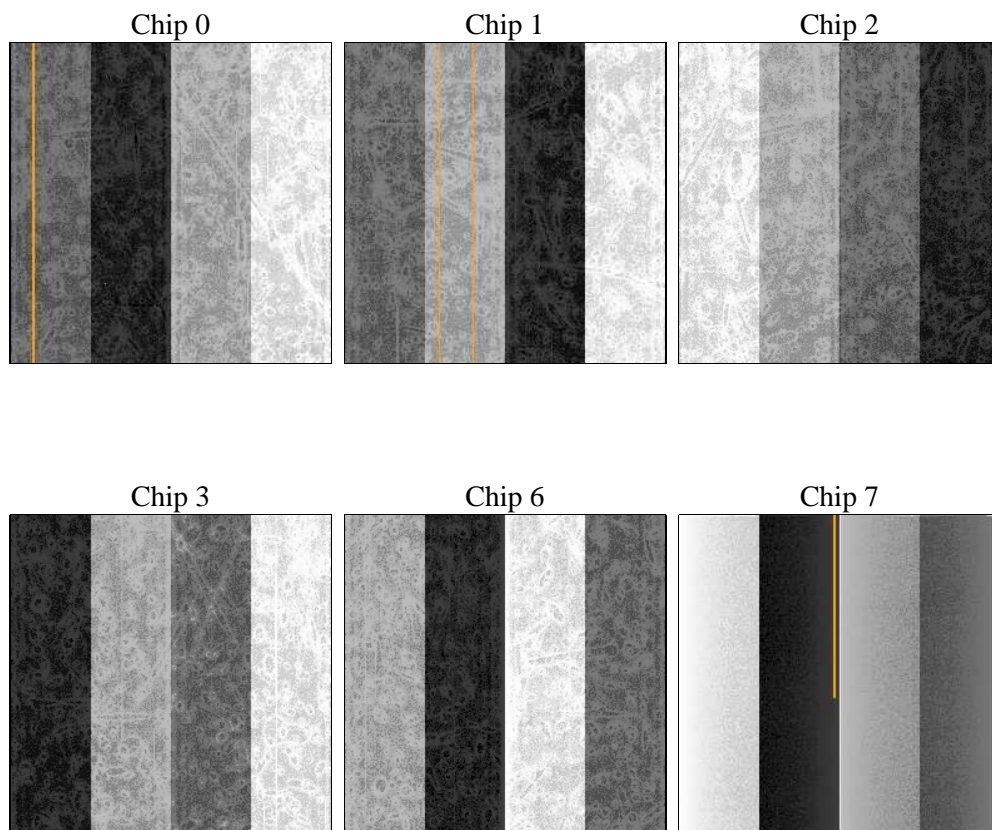
2 OBI

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	7791.9999709725	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	4239.8945943415	Sum of GTIs [s]
date	2012-10-26T11:56:25	Date and time of file creation	ontime1	4486.2086027265	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4171.832804203	Sum of GTIs [s]
			ontime3	4240.9763868749	Sum of GTIs [s]
			ontime6	4606.1258172095	Sum of GTIs [s]
			ontime7	7791.9999709725	Sum of GTIs [s]
			l1events	1424595	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	202000	211161	200630	206316	229373	375115	grade 0 events	95557	100656	96520	99002	107545	83274
rejected events	28885	28756	29413	30705	31807	41239		47%	47%	48%	47%	46%	22%
rejected %	14%	13%	14%	14%	13%	10%	grade 1 events	549	510	587	596	537	236
								0%	0%	0%	0%	0%	0%
							grade 2 events	29911	32106	28921	29914	34040	73118
								14%	15%	14%	14%	14%	19%
							grade 3 events	11131	11635	11236	11321	12369	33661
								5%	5%	5%	5%	5%	8%
							grade 4 events	11228	11436	11070	11336	12134	33377
								5%	5%	5%	5%	5%	8%
							grade 5 events	1949	2113	1821	2122	2267	7987
								0%	1%	0%	1%	0%	2%
							grade 6 events	25288	26572	23470	24038	31478	110446
								12%	12%	11%	11%	13%	29%
							grade 7 events	26387	26133	27005	27987	29003	33016
								13%	12%	13%	13%	12%	8%

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	139.0323176639134
[deg] Pointing Dec	0	-45.01708777195516
[deg] Pointing Roll	0.0	290.1908436438787
[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)	166082108.641314	166082107.61662
Observation start date	2003-04-07T05:55:09	2003-04-07T05:55:07
[s] Observation end time (MET)	166093711.641803	166093710.61711
Observation end date	2003-04-07T09:08:32	2003-04-07T09:08:30
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999709725

A.2 Comments