

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60921 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 19 2012

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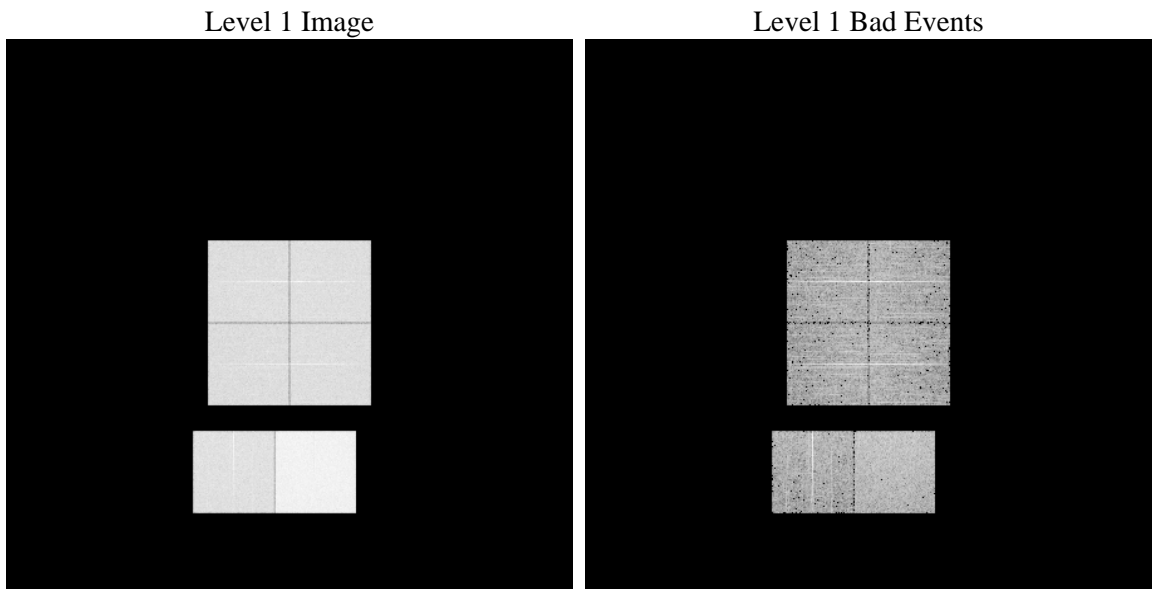
1 Front

seq_num	 	Sequence number
obs_id	60921	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	57.013218090095	Nominal RA [deg]
dec_nom	27.973906123489	Nominal Dec [deg]
roll_nom	261.21310638163	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7086337805	Sum of GTIs [s]
livetime	8353.5740466324	Livetime [s]
ontime0	4380.3617239892	Sum of GTIs [s]
ontime1	4425.7757207453	Sum of GTIs [s]
ontime2	4163.2638629973	Sum of GTIs [s]
ontime3	4276.5676895976	Sum of GTIs [s]
ontime6	4604.040053308	Sum of GTIs [s]
ontime7	8460.7086337805	Sum of GTIs [s]
l2events	1300366	Number of level 2 events

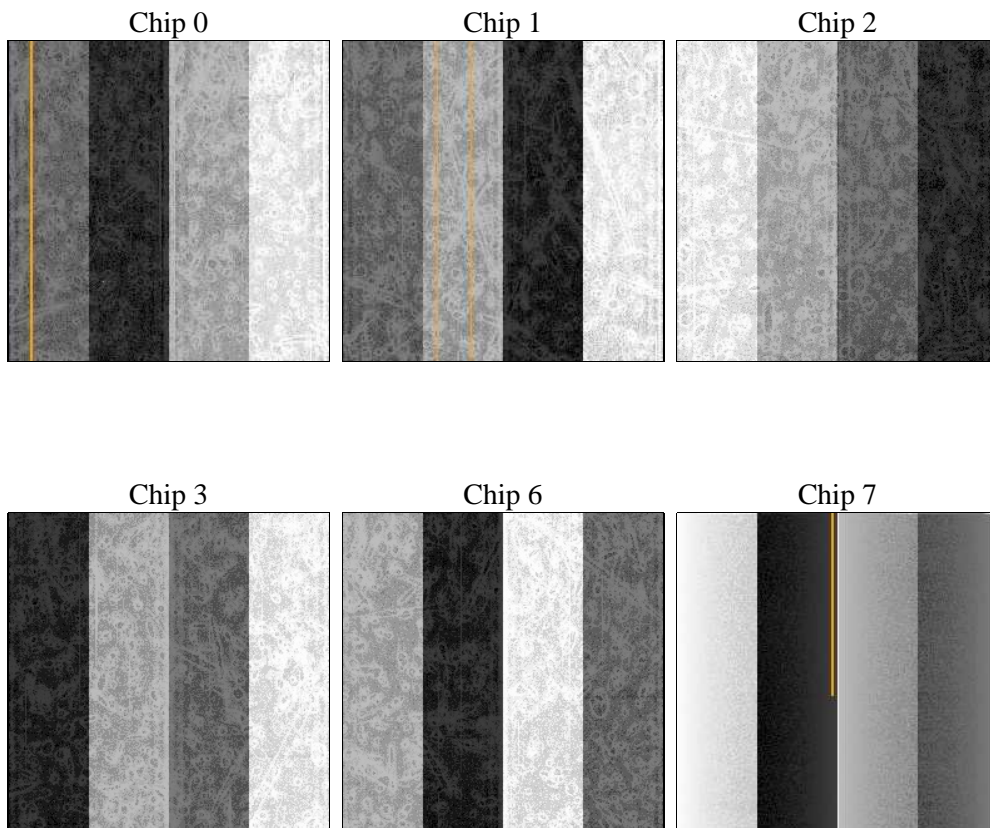
2 OBI

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	8460.7086337805	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4380.3617239892	Sum of GTIs [s]
date	2012-10-19T09:44:49	Date and time of file creation	ontime1	4425.7757207453	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4163.2638629973	Sum of GTIs [s]
			ontime3	4276.5676895976	Sum of GTIs [s]
			ontime6	4604.040053308	Sum of GTIs [s]
			ontime7	8460.7086337805	Sum of GTIs [s]
			l1events	1549509	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	219911	223998	211247	218782	241501	434070	grade 0 events	105752	106772	102349	106200	115370	98736
rejected events	28606	29998	28549	29934	29931	43526		48%	47%	48%	48%	47%	22%
rejected %	13%	13%	13%	13%	12%	10%	grade 1 events	584	543	625	616	523	263
								0%	0%	0%	0%	0%	0%
							grade 2 events	33323	34154	30956	32202	36555	86509
								15%	15%	14%	14%	15%	19%
							grade 3 events	12384	12362	11903	12383	13092	39893
								5%	5%	5%	5%	5%	9%
							grade 4 events	12335	12378	11860	12307	13046	39027
								5%	5%	5%	5%	5%	8%
							grade 5 events	2012	2039	1873	2109	2300	8565
								0%	0%	0%	0%	0%	1%
							grade 6 events	27511	28334	25630	25756	33507	126379
								12%	12%	12%	11%	13%	29%
							grade 7 events	26010	27416	26051	27209	27108	34698
								11%	12%	12%	12%	11%	7%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	57.01321809009489	Alternating exposures requested	N	N
[deg] Pointing Dec	0	27.97390612348871	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	261.213106381635			
[mm] SIM focus pos	-0.782348	-1.428180813131781			
[mm] SIM defocus	0	0.1051558262725154			
[mm] SIM translation stage pos	-233.592463	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	156063485.570911	156063484.54618			
Observation start date	2002-12-12T06:58:06	2002-12-12T06:58:04			
[s] Observation end time (MET)	156086865.821888	156086864.79716			
Observation end date	2002-12-12T13:27:46	2002-12-12T13:27:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607086337805

A.2 Comments