

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61978 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

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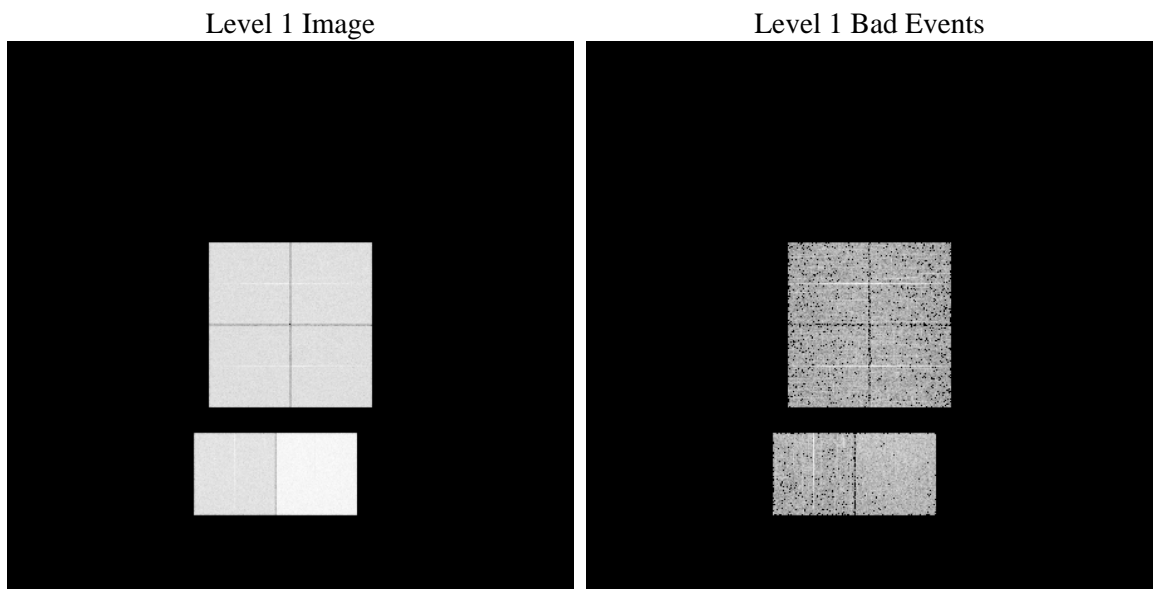
1 Front

seq_num	 	Sequence number
obs_id	61978	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	180.84349007754	Nominal RA [deg]
dec_nom	-41.868355161079	Nominal Dec [deg]
roll_nom	227.8330640442	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5062.2104336321	Sum of GTIs [s]
livetime	4998.1096770243	Livetime [s]
ontime0	2216.6108130068	Sum of GTIs [s]
ontime1	2296.9133924693	Sum of GTIs [s]
ontime2	2151.1078022718	Sum of GTIs [s]
ontime3	2157.4256325364	Sum of GTIs [s]
ontime6	2361.8161026537	Sum of GTIs [s]
ontime7	5062.2104336321	Sum of GTIs [s]
l2events	1263373	Number of level 2 events

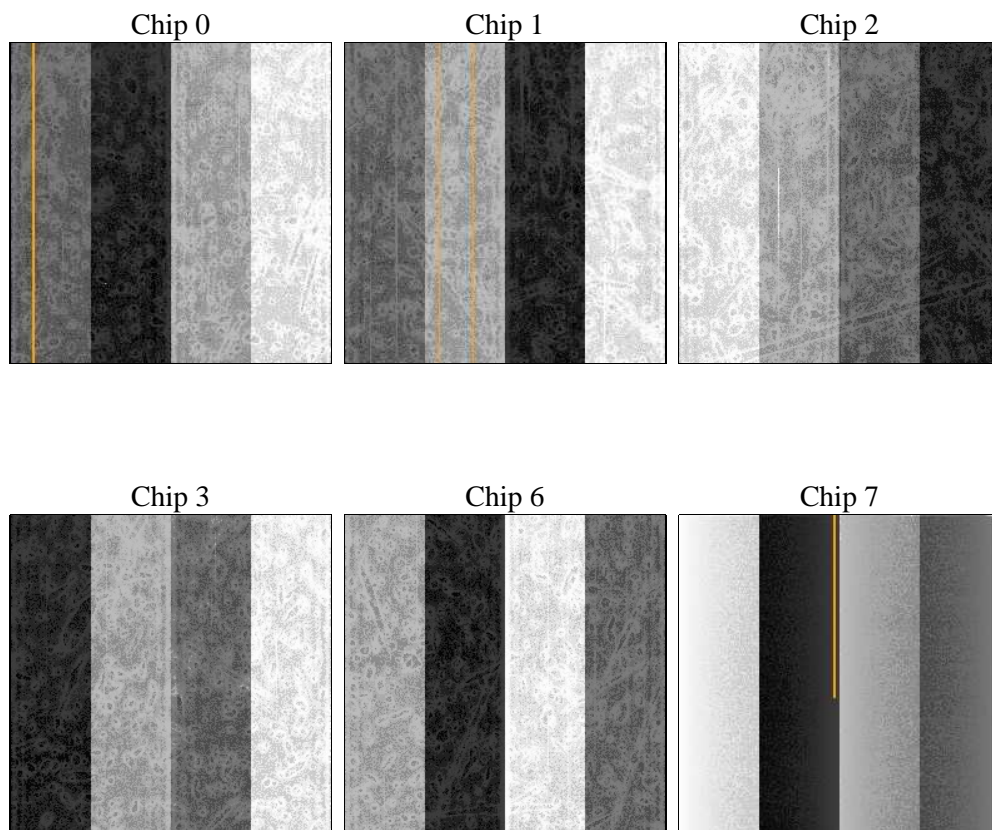
2 OBI

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	5062.2104336321	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	2216.6108130068	Sum of GTIs [s]
date	2012-08-31T12:18:33	Date and time of file creation	ontime1	2296.9133924693	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	2151.1078022718	Sum of GTIs [s]
			ontime3	2157.4256325364	Sum of GTIs [s]
			ontime6	2361.8161026537	Sum of GTIs [s]
			ontime7	5062.2104336321	Sum of GTIs [s]
			l1events	1432289	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	193095	199760	190312	192030	217925	439167	grade 0 events	96741	100811	96155	97202	108360	107206
rejected events	17657	17490	17689	18051	19549	25086		50%	50%	50%	50%	49%	24%
rejected %	9%	8%	9%	9%	8%	5%	grade 1 events	503	541	516	525	552	270
								0%	0%	0%	0%	0%	0%
							grade 2 events	30965	31824	30227	30453	34229	92408
								16%	15%	15%	15%	15%	21%
							grade 3 events	11050	11704	10948	11079	12332	42307
								5%	5%	5%	5%	5%	9%
							grade 4 events	11273	11675	10982	11044	12274	42091
								5%	5%	5%	5%	5%	9%
							grade 5 events	1353	1397	1301	1309	1596	5482
								0%	0%	0%	0%	0%	1%
							grade 6 events	25689	26399	24311	24201	31181	130384
								13%	13%	12%	12%	14%	29%
							grade 7 events	15521	15409	15872	16217	17401	19019
								8%	7%	8%	8%	7%	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	180.8434900775377
[deg] Pointing Dec	0	-41.86835516107926
[deg] Pointing Roll	0.0	227.8330640441981
[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)	81548223.01000001	81548222.241623
Observation start date	2000-08-01T20:17:03	2000-08-01T20:17:02
[s] Observation end time (MET)	81597133.962	81597133.193443
Observation end date	2000-08-02T09:52:14	2000-08-02T09:52:13
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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0622104336321

A.2 Comments