

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61998 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 30 2012

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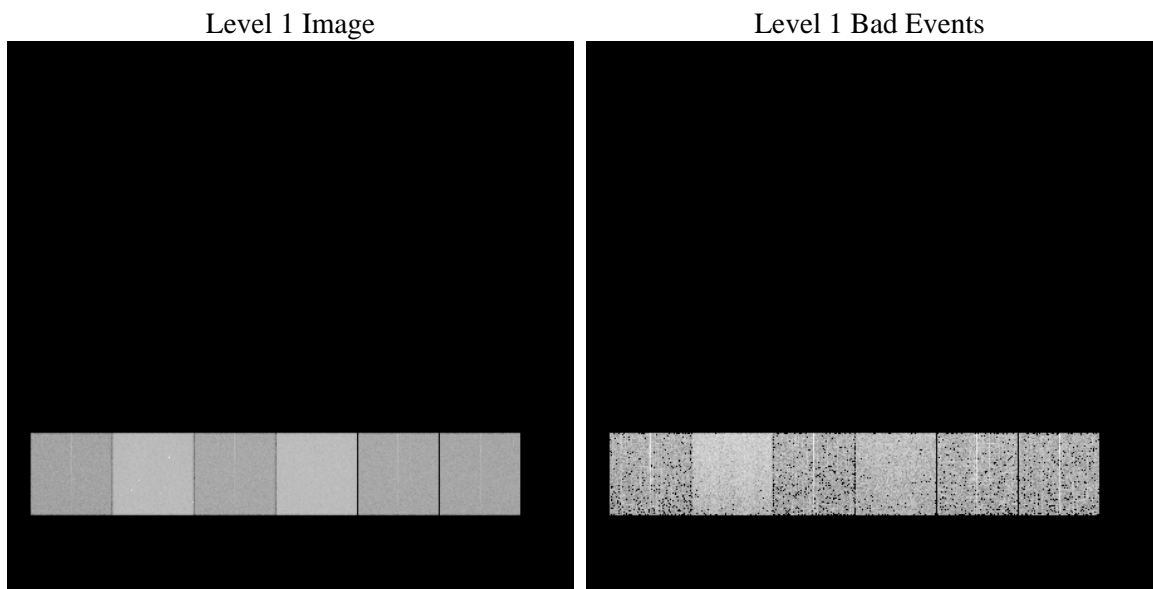
1 Front

seq_num	 	Sequence number
obs_id	61998	Observation id
title	ACIS-456789 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	145.41452313866	Nominal RA [deg]
dec_nom	-60.12579097546	Nominal Dec [deg]
roll_nom	211.47080884315	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4332.3871269673	Sum of GTIs [s]
livetime	4277.5278325153	Livetime [s]
ontime4	1775.3458022028	Sum of GTIs [s]
ontime5	4624.1171612293	Sum of GTIs [s]
ontime6	1998.9364319295	Sum of GTIs [s]
ontime7	4332.3871269673	Sum of GTIs [s]
ontime8	1976.3313017488	Sum of GTIs [s]
ontime9	1911.9856862873	Sum of GTIs [s]
l2events	1262889	Number of level 2 events

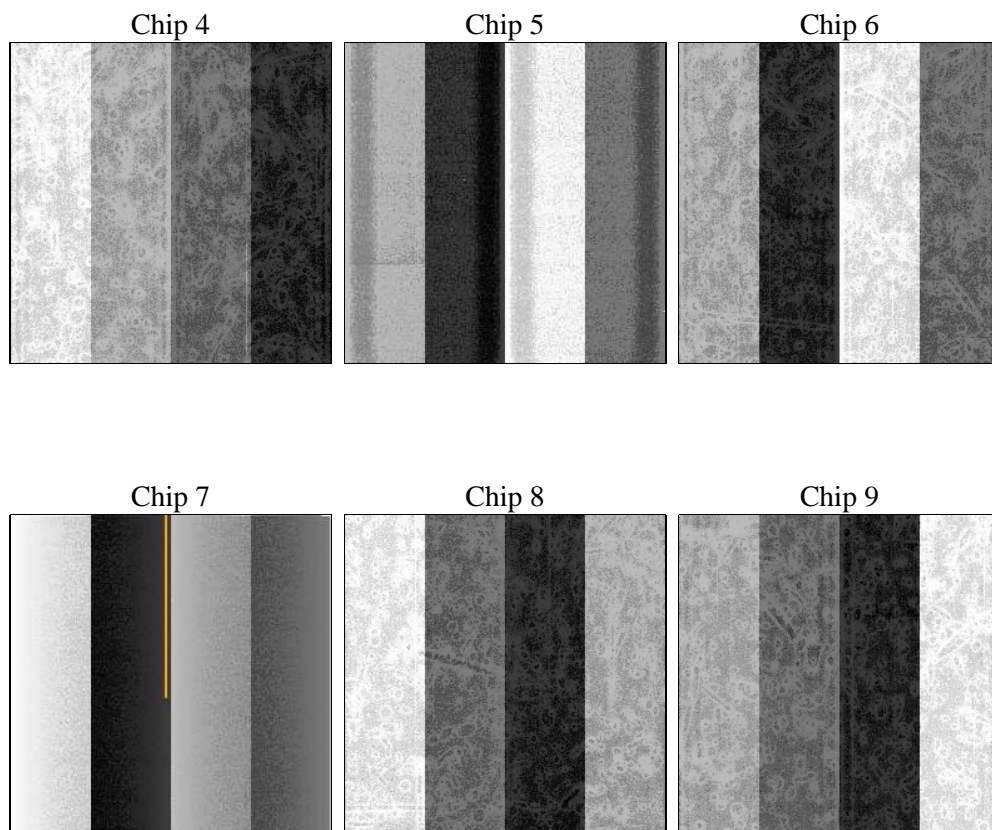
2 OBI

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	4332.3871269673	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1775.3458022028	Sum of GTIs [s]
date	2012-08-30T11:48:42	Date and time of file creation	ontime5	4624.1171612293	Sum of GTIs [s]
revision	5	Processing version of data	ontime6	1998.9364319295	Sum of GTIs [s]
			ontime7	4332.3871269673	Sum of GTIs [s]
			ontime8	1976.3313017488	Sum of GTIs [s]
			ontime9	1911.9856862873	Sum of GTIs [s]
			l1events	1436532	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	154575	364787	184936	378075	183192	170967	grade 0 events	78125	88452	92198	93185	91497	85170
rejected events	16355	32275	15874	20878	17993	16191		50%	24%	49%	24%	49%	49%
rejected %	10%	8%	8%	5%	9%	9%	grade 1 events	458	259	467	259	465	447
								0%	0%	0%	0%	0%	0%
							grade 2 events	24644	112309	29644	79448	29037	27200
								15%	30%	16%	21%	15%	15%
							grade 3 events	8480	23489	10336	36915	10441	9602
								5%	6%	5%	9%	5%	5%
							grade 4 events	8645	23025	10270	36033	10338	9639
								5%	6%	5%	9%	5%	5%
							grade 5 events	1137	6668	1325	4853	1440	1269
								0%	1%	0%	1%	0%	0%
							grade 6 events	18326	85237	26614	111616	23886	23397
								11%	23%	14%	29%	13%	13%
							grade 7 events	14760	25348	14082	15766	16088	14243
								9%	6%	7%	4%	8%	8%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	145.4145231386646
[deg] Pointing Dec	0	-60.12579097545968
[deg] Pointing Roll	0.0	211.4708088431529
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	79720547.492254	79720546.723791
Observation start date	2000-07-11T16:35:47	2000-07-11T16:35:46
[s] Observation end time (MET)	79766217.39393499	79766216.625469
Observation end date	2000-07-12T05:16:57	2000-07-12T05:16:56
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	3.2	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)	2012.09.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.3323871269673

A.2 Comments