

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62082 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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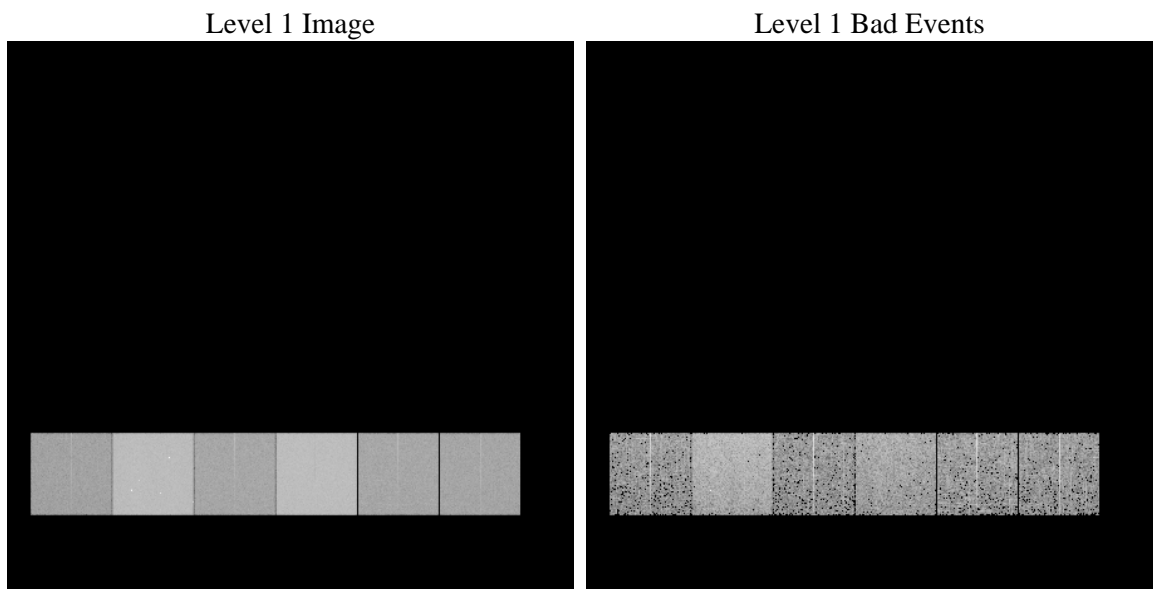
1 Front

seq_num	 	Sequence number
obs_id	62082	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	70.035582500497	Nominal RA [deg]
dec_nom	44.985967866874	Nominal Dec [deg]
roll_nom	298.60694463645	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4173.776405707	Sum of GTIs [s]
livetime	4120.9255357115	Livetime [s]
ontime4	1632.9367963672	Sum of GTIs [s]
ontime5	4483.5596479774	Sum of GTIs [s]
ontime6	1840.3223457187	Sum of GTIs [s]
ontime7	4173.776405707	Sum of GTIs [s]
ontime8	1820.958046183	Sum of GTIs [s]
ontime9	1796.7556525171	Sum of GTIs [s]
l2events	1278832	Number of level 2 events

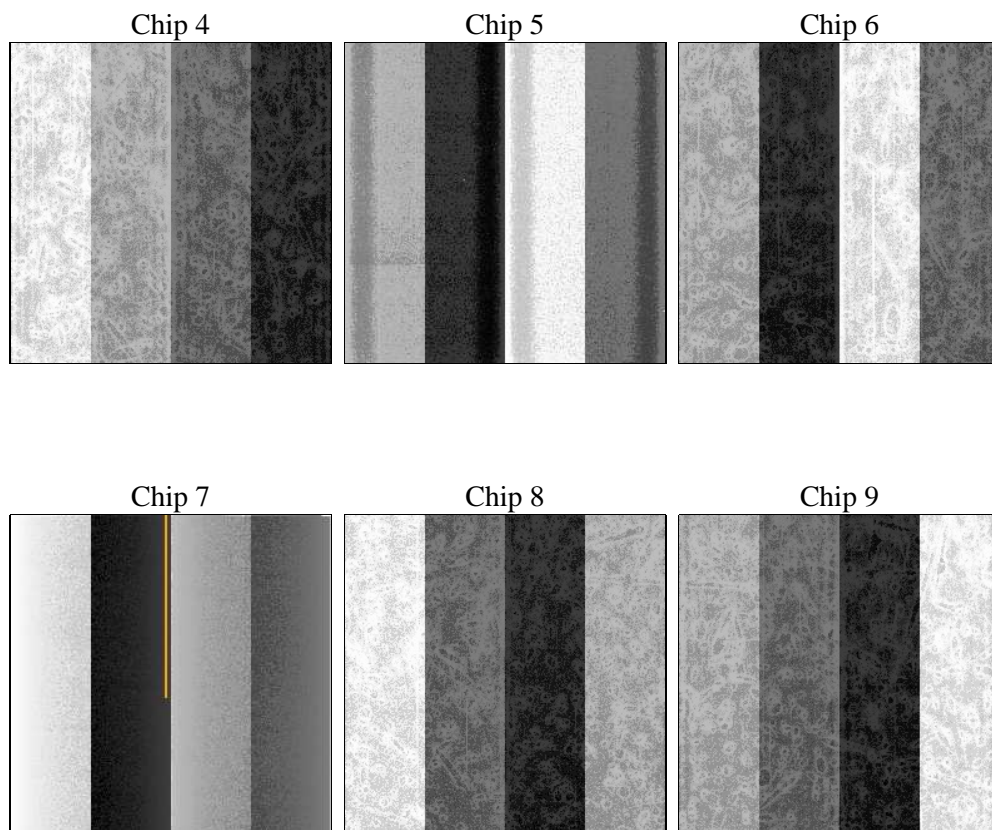
2 OBI

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	4173.776405707	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	1632.9367963672	Sum of GTIs [s]
date	2012-08-25T21:45:50	Date and time of file creation	ontime5	4483.5596479774	Sum of GTIs [s]
revision	5	Processing version of data	ontime6	1840.3223457187	Sum of GTIs [s]
			ontime7	4173.776405707	Sum of GTIs [s]
			ontime8	1820.958046183	Sum of GTIs [s]
			ontime9	1796.7556525171	Sum of GTIs [s]
			l1events	1462663	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	152018	382152	181755	394022	181483	171233	grade 0 events	76031	91734	90029	95243	89260	84361
rejected events	17158	35334	16857	23498	19709	17546		50%	24%	49%	24%	49%	49%
rejected %	11%	9%	9%	5%	10%	10%	grade 1 events	478	383	528	294	513	516
								0%	0%	0%	0%	0%	0%
							grade 2 events	23790	117343	28547	82138	28392	27237
								15%	30%	15%	20%	15%	15%
							grade 3 events	8392	24192	10366	38106	10165	9553
								5%	6%	5%	9%	5%	5%
							grade 4 events	8373	24003	10043	37810	10252	9366
								5%	6%	5%	9%	5%	5%
							grade 5 events	1148	7327	1419	5139	1473	1373
								0%	1%	0%	1%	0%	0%
							grade 6 events	18274	89546	25913	117227	23705	23170
								12%	23%	14%	29%	13%	13%
							grade 7 events	15532	27624	14910	18065	17723	15657
								10%	7%	8%	4%	9%	9%

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	70.03558250049714
[deg] Pointing Dec	0	44.98596786687366
[deg] Pointing Roll	0.0	298.606944636447
[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)	72408957.773314	72408957.004849
Observation start date	2000-04-18T01:35:58	2000-04-18T01:35:57
[s] Observation end time (MET)	72458176.22511899	72458175.456653
Observation end date	2000-04-18T15:16:16	2000-04-18T15:16:15
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)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.173776405707

A.2 Comments