

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57688 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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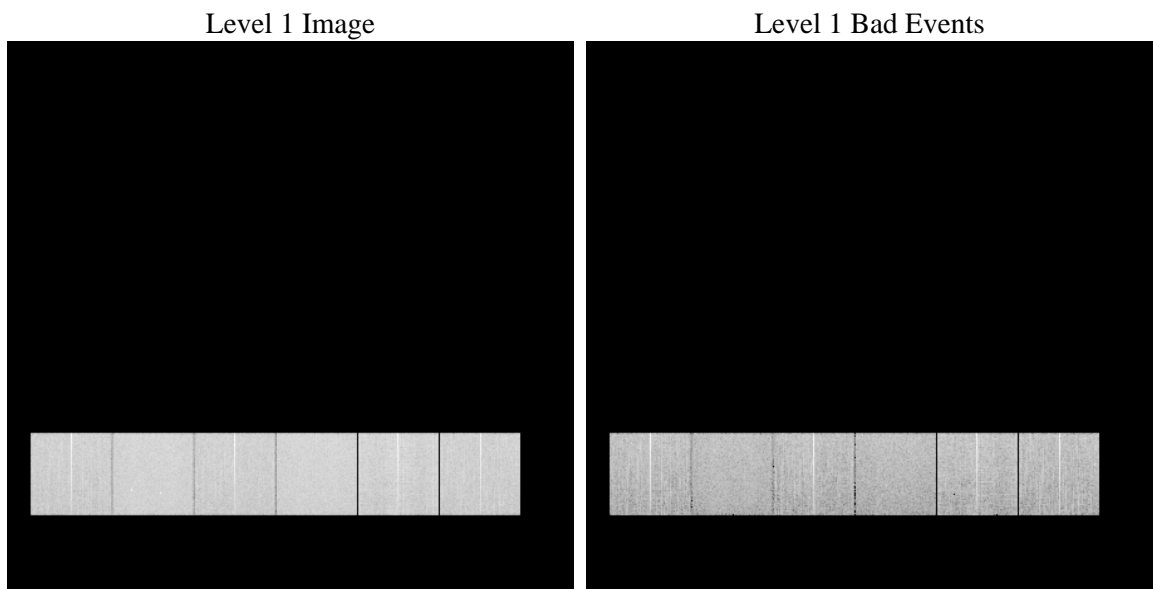
1 Front

seq_num	 	Sequence number
obs_id	57688	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	322.98971206835	Nominal RA [deg]
dec_nom	-31.972593715975	Nominal Dec [deg]
roll_nom	74.734944932539	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.8119188547	Sum of GTIs [s]
livetime	8170.0312678446	Livetime [s]
ontime4	8274.6887988448	Sum of GTIs [s]
ontime5	8274.7708788514	Sum of GTIs [s]
ontime6	8274.7298388481	Sum of GTIs [s]
ontime7	8274.8119188547	Sum of GTIs [s]
ontime8	8274.6477588415	Sum of GTIs [s]
ontime9	8274.852958858	Sum of GTIs [s]
l2events	615586	Number of level 2 events

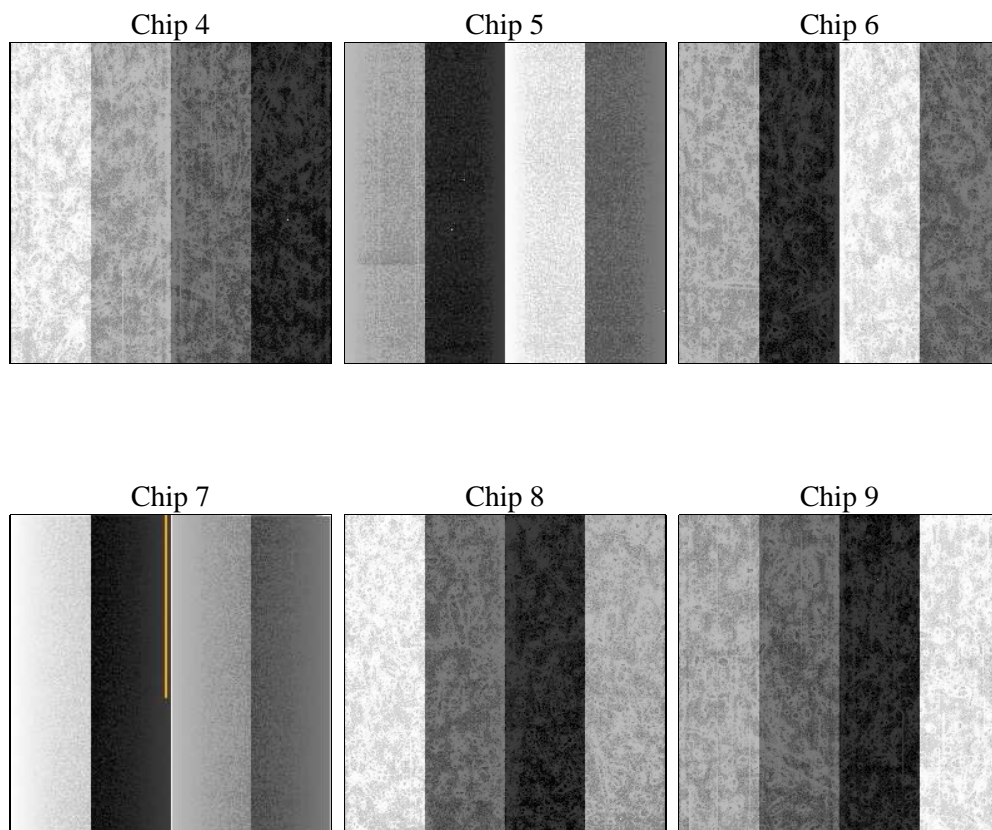
2 OBI

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	8.4.4	Processing system revision	ontime	8274.8119188547	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8274.6887988448	Sum of GTIs [s]
date	2012-05-18T05:51:34	Date and time of file creation	ontime5	8274.7708788514	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8274.7298388481	Sum of GTIs [s]
			ontime7	8274.8119188547	Sum of GTIs [s]
			ontime8	8274.6477588415	Sum of GTIs [s]
			ontime9	8274.852958858	Sum of GTIs [s]
			l1events	1106061	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	173293	195233	174886	196074	193133	173442	grade 0 events	54093	18093	53016	25747	57570	52583
rejected events	78682	69510	74179	65686	80312	75313		31%	9%	30%	13%	29%	30%
rejected %	45%	35%	42%	33%	41%	43%	grade 1 events	501	185	325	161	377	423
								0%	0%	0%	0%	0%	0%
							grade 2 events	14671	46950	18064	28600	20574	17015
								8%	24%	10%	14%	10%	9%
							grade 3 events	6701	5621	6419	12023	7827	6380
								3%	2%	3%	6%	4%	3%
							grade 4 events	6536	5540	6329	11900	7695	6459
								3%	2%	3%	6%	3%	3%
							grade 5 events	3998	8981	4345	10588	5409	4668
								2%	4%	2%	5%	2%	2%
							grade 6 events	12647	49569	16917	52171	19202	15725
								7%	25%	9%	26%	9%	9%
							grade 7 events	74146	60294	69471	54884	74479	70189
								42%	30%	39%	27%	38%	40%

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	322.9897120683481
[deg] Pointing Dec	0	-31.9725937159747
[deg] Pointing Roll	0.0	74.73494493253902
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	332454747.339204	332454746.3142
Observation start date	2008-07-14T20:32:27	2008-07-14T20:32:26
[s] Observation end time (MET)	332466411.839776	332466410.81477
Observation end date	2008-07-14T23:46:52	2008-07-14T23:46:50
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2748119188547

A.2 Comments