

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57667 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : May 18 2012

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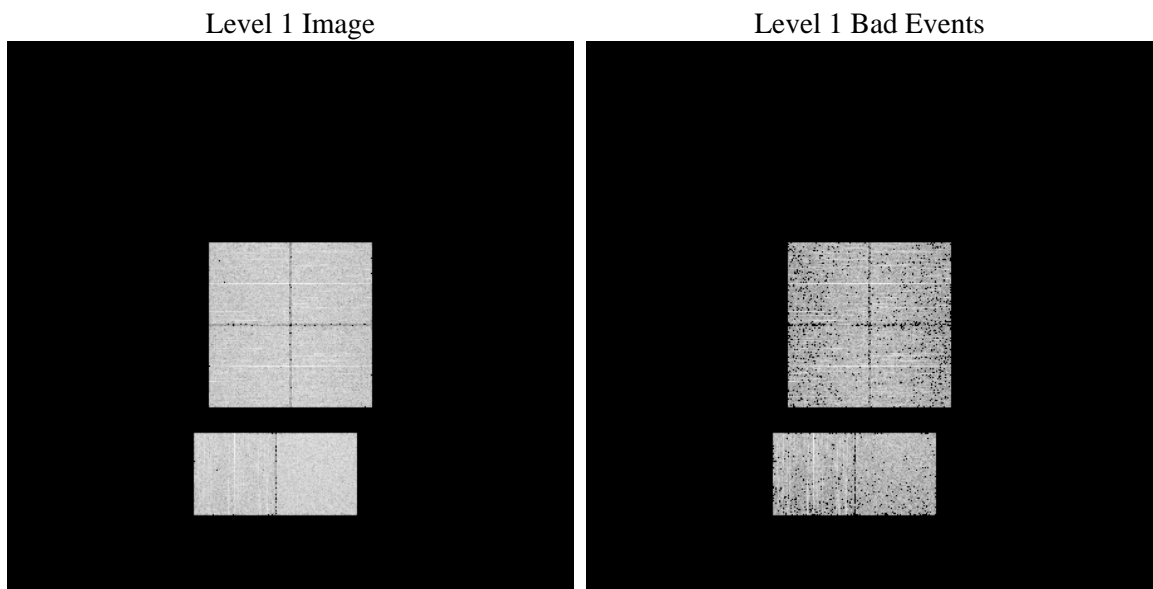
1 Front

seq_num	 	Sequence number
obs_id	57667	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	318.02627607576	Nominal RA [deg]
dec_nom	-41.47903984267	Nominal Dec [deg]
roll_nom	13.472627211847	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2171.6046979427	Sum of GTIs [s]
livetime	2144.106531674	Livetime [s]
ontime0	2171.5636579394	Sum of GTIs [s]
ontime1	2171.5226179361	Sum of GTIs [s]
ontime2	2171.4815779328	Sum of GTIs [s]
ontime3	2171.645737946	Sum of GTIs [s]
ontime6	2171.4405379295	Sum of GTIs [s]
ontime7	2171.6046979427	Sum of GTIs [s]
l2events	150191	Number of level 2 events

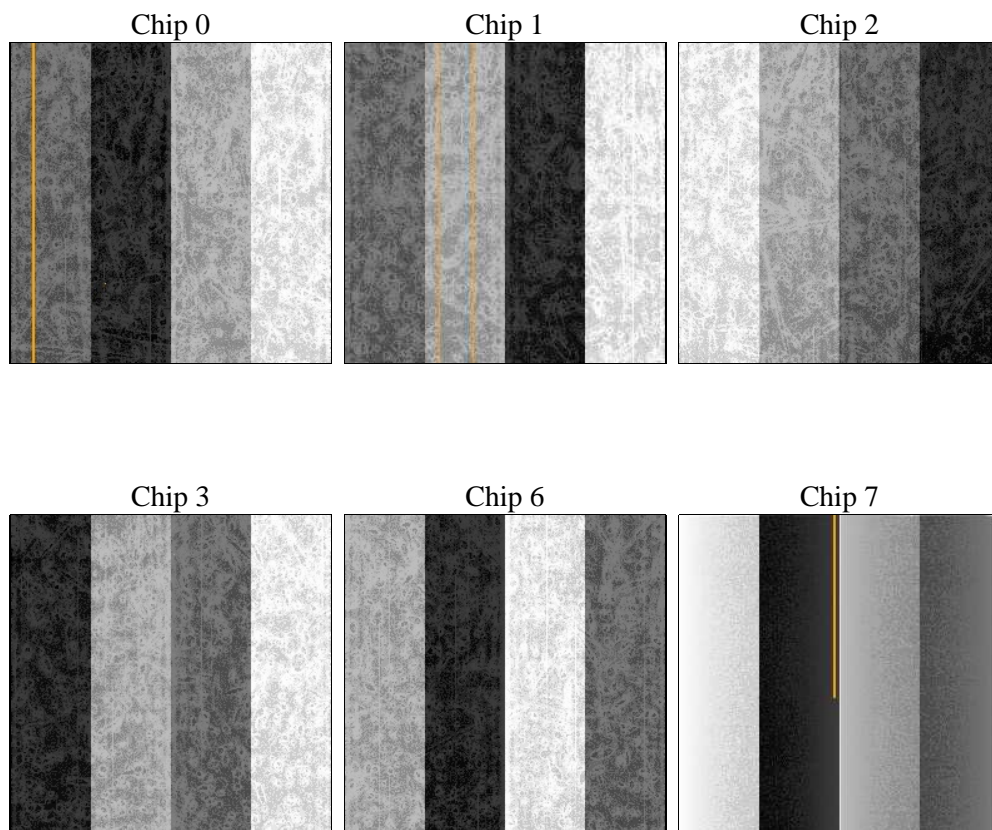
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	840	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2171.6046979427	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2171.5636579394	Sum of GTIs [s]
date	2012-05-19T01:56:27	Date and time of file creation	ontime1	2171.5226179361	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	2171.4815779328	Sum of GTIs [s]
			ontime3	2171.645737946	Sum of GTIs [s]
			ontime6	2171.4405379295	Sum of GTIs [s]
			ontime7	2171.6046979427	Sum of GTIs [s]
			l1events	275050	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	43539	43861	44675	43936	46308	52731	grade 0 events	13408	13413	13960	13745	13851	6926
rejected events	18994	18996	20086	19215	20680	18546		30%	30%	31%	31%	29%	13%
rejected %	43%	43%	44%	43%	44%	35%	grade 1 events	103	83	80	85	84	40
								0%	0%	0%	0%	0%	0%
							grade 2 events	4524	4716	4260	4536	4581	7743
								10%	10%	9%	10%	9%	14%
							grade 3 events	1702	1693	1623	1708	1745	3322
								3%	3%	3%	3%	3%	6%
							grade 4 events	1682	1646	1689	1725	1719	3264
								3%	3%	3%	3%	3%	6%
							grade 5 events	1058	1085	1031	1203	1188	2964
								2%	2%	2%	2%	2%	5%
							grade 6 events	3738	3896	3614	3532	4229	13673
								8%	8%	8%	8%	9%	25%
							grade 7 events	17324	17329	18418	17402	18911	14799
								39%	39%	41%	39%	40%	28%

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	318.0262760663109	318.0262760757613
[deg] Pointing Dec	-41.47903984375999	-41.47903984267013
[deg] Pointing Roll	13.47262722383914	13.47262721184714
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673
[mm] SIM defocus	0.7524282194390134	0.7524282194390134
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	334012507.565495	334012507.565495
Observation start date	2008-08-01T21:46:00	2008-08-01T21:15:07
[s] Observation end time (MET)	334016445.588229	334016445.588229
Observation end date	2008-08-01T22:00:00	2008-08-01T22:20:45
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
Number of optional ACIS chips dropped	0	0
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)	2012.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1716046979427

A.2 Comments