

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56967 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 9 2012

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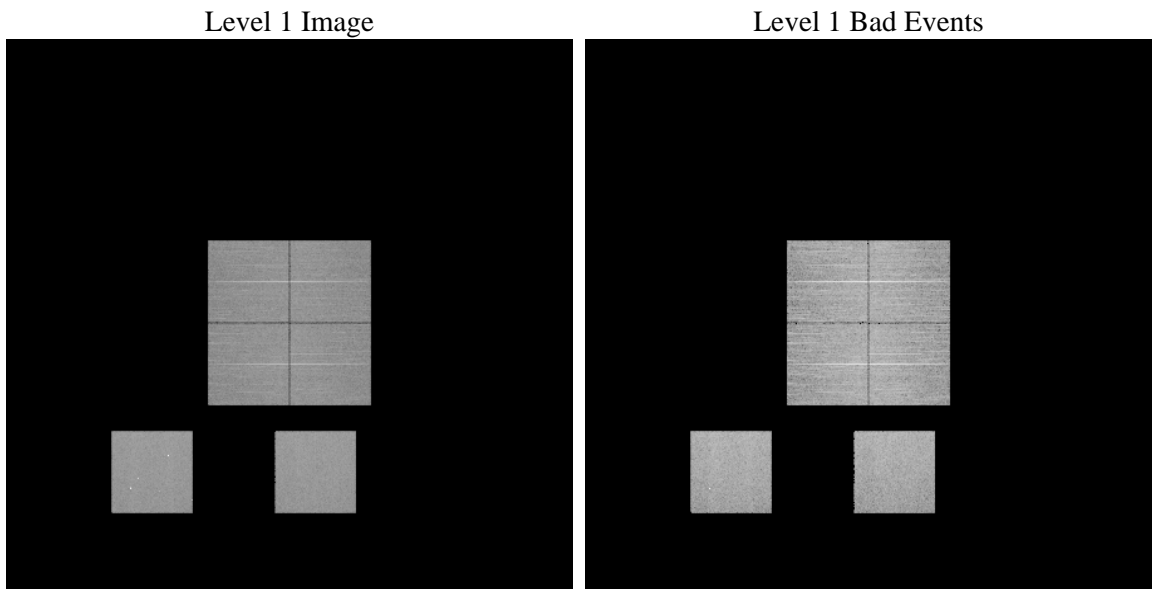
1 Front

seq_num	 	Sequence number
obs_id	56967	Observation id
title	ACIS-012357 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	298.02798557923	Nominal RA [deg]
dec_nom	-49.977582431276	Nominal Dec [deg]
roll_nom	18.247608586399	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8450.3941966891	Sum of GTIs [s]
livetime	8343.3902171541	Livetime [s]
ontime0	8450.3531566858	Sum of GTIs [s]
ontime1	8450.3121166825	Sum of GTIs [s]
ontime2	8450.2710766792	Sum of GTIs [s]
ontime3	8450.4352366924	Sum of GTIs [s]
ontime5	8450.2300366759	Sum of GTIs [s]
ontime7	8450.3941966891	Sum of GTIs [s]
l2events	525359	Number of level 2 events

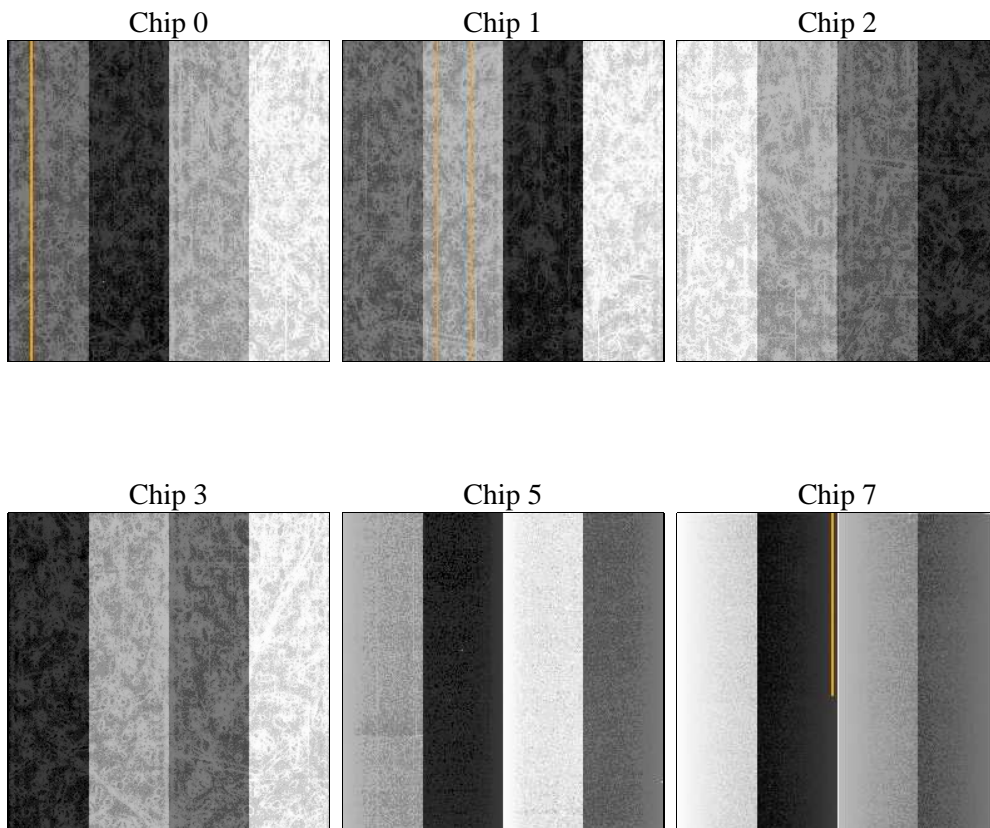
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8450.3941966891	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8450.3531566858	Sum of GTIs [s]
date	2012-06-10T00:54:21	Date and time of file creation	ontime1	8450.3121166825	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8450.2710766792	Sum of GTIs [s]
			ontime3	8450.4352366924	Sum of GTIs [s]
			ontime5	8450.2300366759	Sum of GTIs [s]
			ontime7	8450.3941966891	Sum of GTIs [s]
			l1events	1012078	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	153569	154679	155848	158249	197572	192161	grade 0 events	41777	41302	42837	43068	18222	21520
rejected events	75144	75647	77303	79573	76182	74241		27%	26%	27%	27%	9%	11%
rejected %	48%	48%	49%	50%	38%	38%	grade 1 events	327	261	347	349	248	172
								0%	0%	0%	0%	0%	0%
							grade 2 events	14332	14840	13403	13604	43361	25480
								9%	9%	8%	8%	21%	13%
							grade 3 events	5357	5362	5389	5414	5454	10861
								3%	3%	3%	3%	2%	5%
							grade 4 events	5185	5190	5371	5268	5317	10672
								3%	3%	3%	3%	2%	5%
							grade 5 events	4226	4567	4182	4847	10446	12021
								2%	2%	2%	3%	5%	6%
							grade 6 events	11804	12369	11566	11364	49073	49428
								7%	7%	7%	7%	24%	25%
							grade 7 events	70561	70788	72753	74335	65451	62007
								45%	45%	46%	46%	33%	32%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	298.0279855792259
[deg] Pointing Dec	0	-49.97758243127597
[deg] Pointing Roll	0.0	18.24760858639925
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	363522668.28662	363522667.26163
Observation start date	2009-07-09T10:31:08	2009-07-09T10:31:07
[s] Observation end time (MET)	363535896.937281	363535895.9123
Observation end date	2009-07-09T14:11:37	2009-07-09T14:11:35
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4503941966891

A.2 Comments