

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57464 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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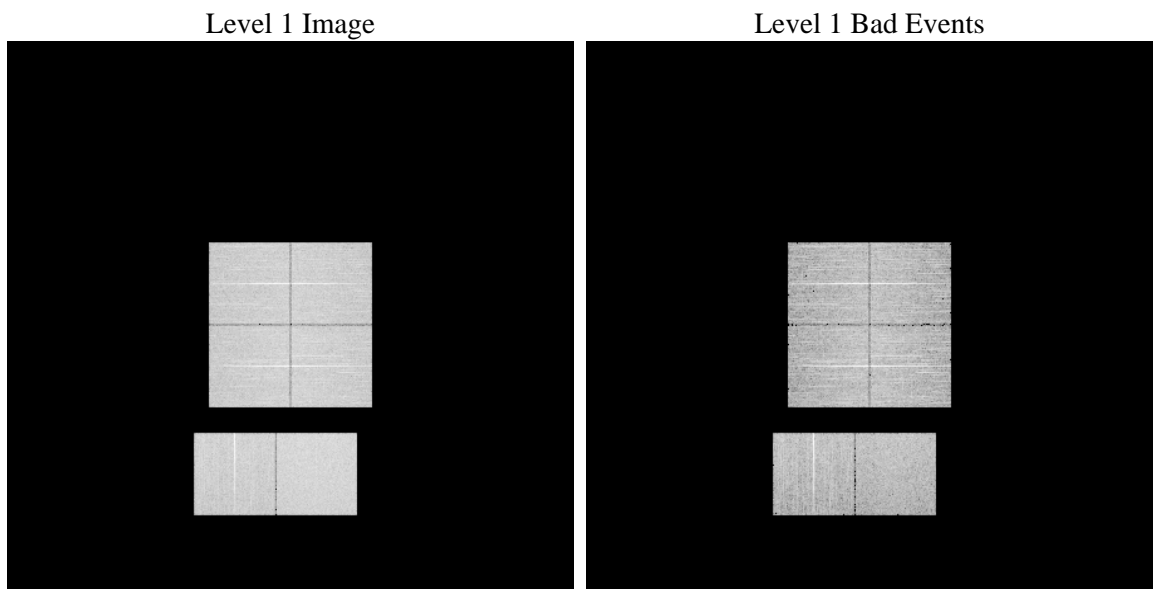
1 Front

seq_num	 	Sequence number
obs_id	57464	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	73.0231226556	Nominal RA [deg]
dec_nom	-1.9828433044746	Nominal Dec [deg]
roll_nom	3.7878369048237	Nominal Roll [deg]
revision	2	Processing version of data
ontime	6662.3999752402	Sum of GTIs [s]
livetime	6578.0366551381	Livetime [s]
ontime0	6662.3999752402	Sum of GTIs [s]
ontime1	6662.3999752402	Sum of GTIs [s]
ontime2	6662.3999752402	Sum of GTIs [s]
ontime3	6662.3999752402	Sum of GTIs [s]
ontime6	6662.3999752402	Sum of GTIs [s]
ontime7	6662.3999752402	Sum of GTIs [s]
l2events	429324	Number of level 2 events

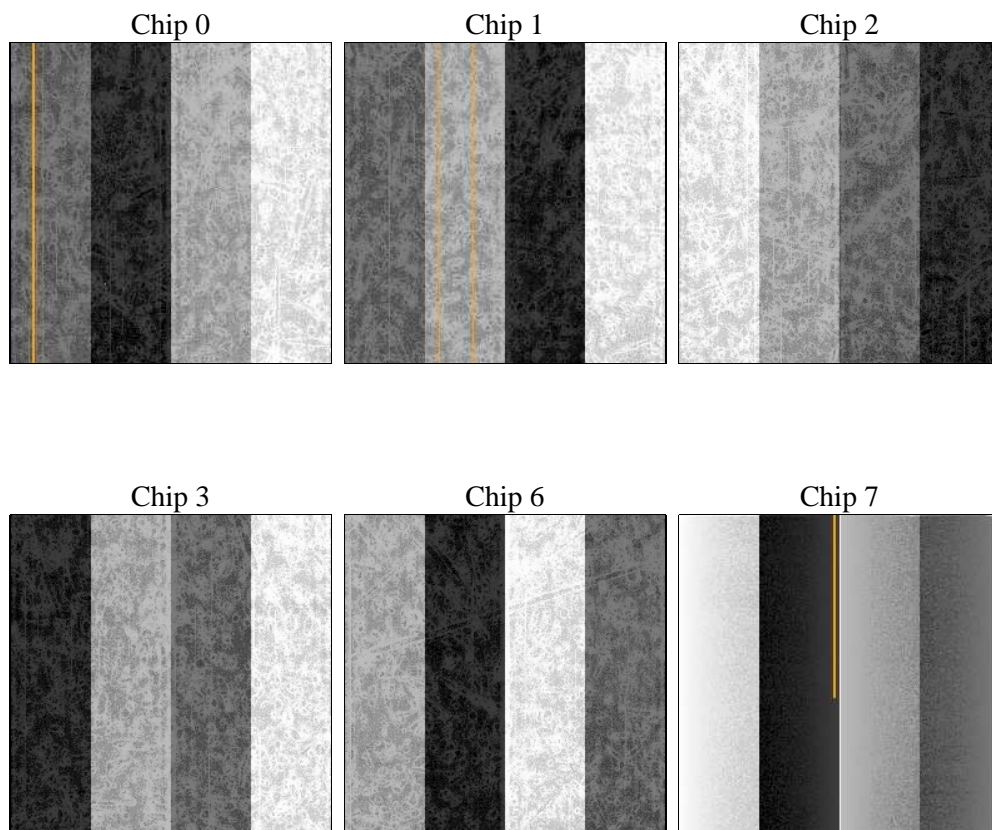
2 OBI

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	6662.3999752402	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	6662.3999752402	Sum of GTIs [s]
date	2012-05-25T20:23:32	Date and time of file creation	ontime1	6662.3999752402	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6662.3999752402	Sum of GTIs [s]
			ontime3	6662.3999752402	Sum of GTIs [s]
			ontime6	6662.3999752402	Sum of GTIs [s]
			ontime7	6662.3999752402	Sum of GTIs [s]
			l1events	806379	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	126778	127002	130154	134668	132642	155135	grade 0 events	37419	36966	38223	39031	37958	19343
rejected events	56874	56962	60007	63611	60104	55251		29%	29%	29%	28%	28%	12%
rejected %	44%	44%	46%	47%	45%	35%	grade 1 events	262	235	321	305	227	132
								0%	0%	0%	0%	0%	0%
							grade 2 events	12451	12970	12181	12234	12923	21693
								9%	10%	9%	9%	9%	13%
							grade 3 events	4660	4648	4776	4759	4854	9409
								3%	3%	3%	3%	3%	6%
							grade 4 events	4738	4584	4750	4867	4655	9414
								3%	3%	3%	3%	3%	6%
							grade 5 events	3240	3273	3060	3585	3404	9048
								2%	2%	2%	2%	2%	5%
							grade 6 events	10636	10872	10217	10166	12148	40025
								8%	8%	7%	7%	9%	25%
							grade 7 events	53372	53454	56626	59721	56473	46071
								42%	42%	43%	44%	42%	29%

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	0	73.02312265560047
[deg] Pointing Dec	0	-1.982843304474573
[deg] Pointing Roll	0.0	3.78783690482374
[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)	344793389.705876	344793388.6809
Observation start date	2008-12-04T15:56:30	2008-12-04T15:56:28
[s] Observation end time (MET)	344803529.006377	344803527.9814
Observation end date	2008-12-04T18:45:29	2008-12-04T18:45:27
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6623999752402

A.2 Comments