

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55739 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

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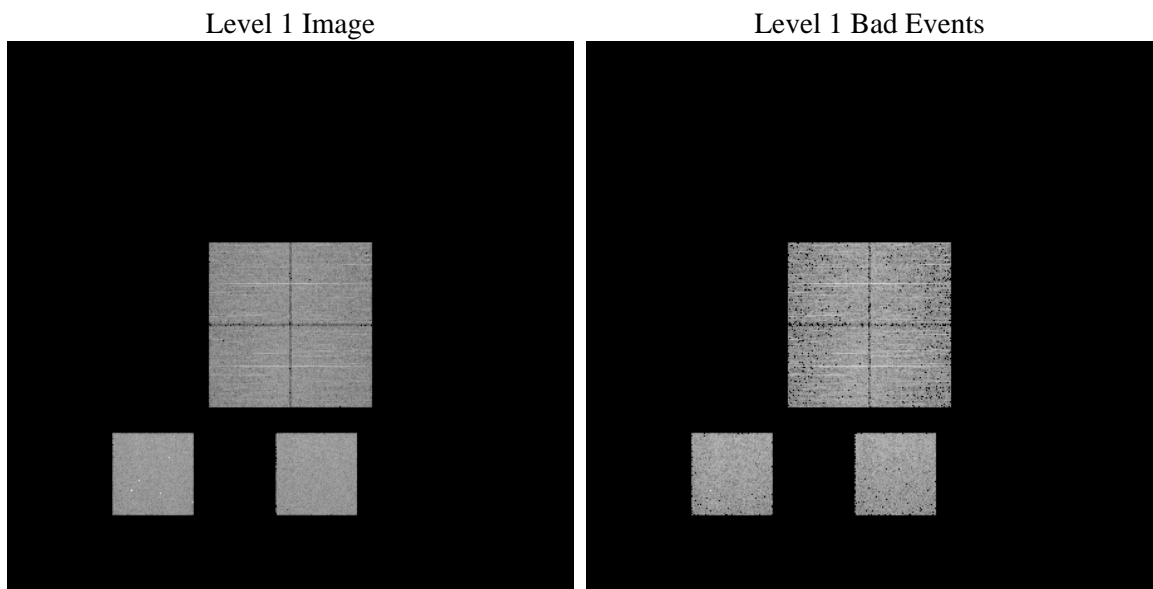
1 Front

seq_num	 	Sequence number
obs_id	55739	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	99.939046517063	Nominal RA [deg]
dec_nom	1.618633903972	Nominal Dec [deg]
roll_nom	326.97007200233	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3174.399988234	Sum of GTIs [s]
livetime	3134.2038241888	Livetime [s]
ontime0	3174.399988234	Sum of GTIs [s]
ontime1	3174.399988234	Sum of GTIs [s]
ontime2	3171.1590079069	Sum of GTIs [s]
ontime3	3174.399988234	Sum of GTIs [s]
ontime5	3174.399988234	Sum of GTIs [s]
ontime7	3174.399988234	Sum of GTIs [s]
l2events	147437	Number of level 2 events

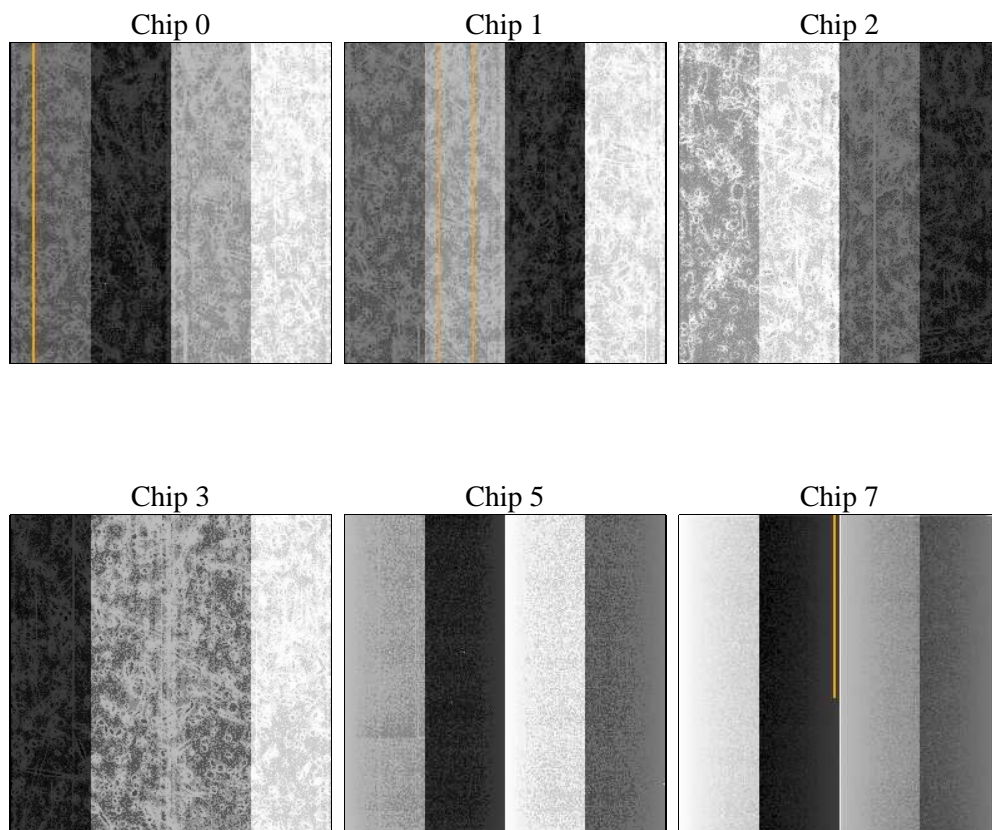
2 OBI

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	8.4.3	Processing system revision	ontime	3174.399988234	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3174.399988234	Sum of GTIs [s]
date	2012-02-02T07:06:50	Date and time of file creation	ontime1	3174.399988234	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3171.1590079069	Sum of GTIs [s]
			ontime3	3174.399988234	Sum of GTIs [s]
			ontime5	3174.399988234	Sum of GTIs [s]
			ontime7	3174.399988234	Sum of GTIs [s]
			l1events	310239	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	46400	45937	46687	47098	62968	61149	grade 0 events	11720	11342	11857	11905	5448	6161
rejected events	24810	24534	25420	25634	27103	26660		25%	24%	25%	25%	8%	10%
rejected %	53%	53%	54%	54%	43%	43%	grade 1 events	77	66	104	83	76	45
								0%	0%	0%	0%	0%	0%
							grade 2 events	4205	4305	3880	3969	13084	7678
								9%	9%	8%	8%	20%	12%
							grade 3 events	1515	1456	1590	1536	1505	3285
								3%	3%	3%	3%	2%	5%
							grade 4 events	1470	1509	1546	1591	1518	3218
								3%	3%	3%	3%	2%	5%
							grade 5 events	1535	1550	1460	1661	3471	4161
								3%	3%	3%	3%	5%	6%
							grade 6 events	3456	3566	3130	3255	15594	15379
								7%	7%	6%	6%	24%	25%
							grade 7 events	22422	22143	23120	23098	22272	21222
								48%	48%	49%	49%	35%	34%

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	99.93904651706322
[deg] Pointing Dec	0	1.618633903971962
[deg] Pointing Roll	0.0	326.9700720023318
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	411242765.46255	411242765.46255
Observation start date	2011-01-12T18:06:05	2011-01-12T18:06:05
[s] Observation end time (MET)	411247313.305935	411247313.305935
Observation end date	2011-01-12T19:21:53	2011-01-12T19:21:53
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.174399988234

A.2 Comments