

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56099 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jul 1 2012

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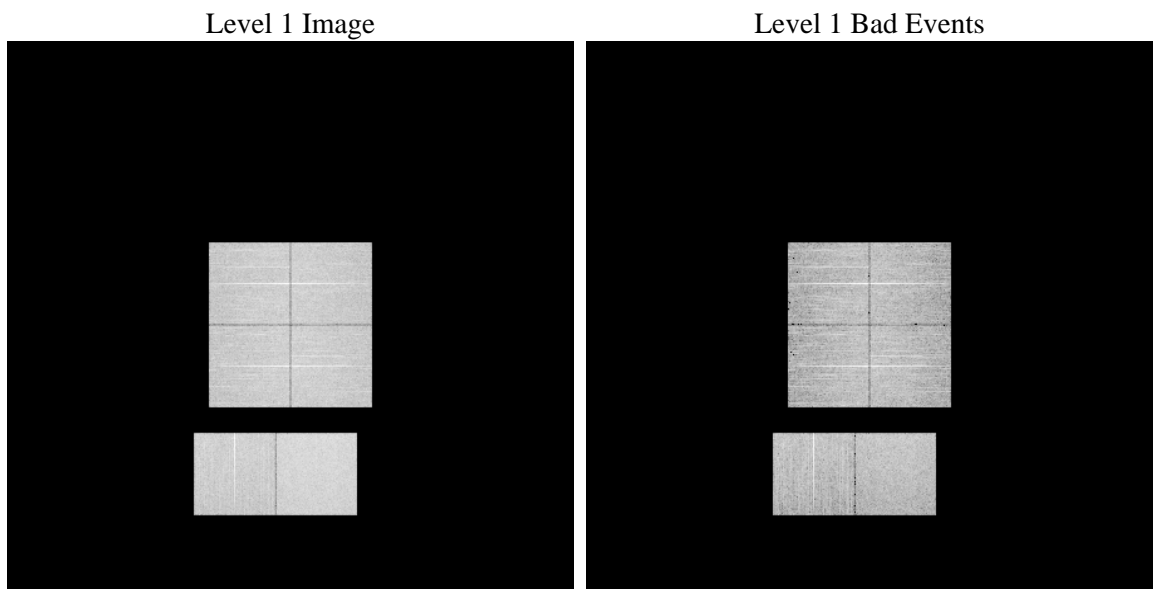
1 Front

seq_num	 	Sequence number
obs_id	56099	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	302.28129449494	Nominal RA [deg]
dec_nom	4.9781376356164	Nominal Dec [deg]
roll_nom	196.58217199425	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8226.924405098	Sum of GTIs [s]
livetime	8122.7501346215	Livetime [s]
ontime0	8226.8833650947	Sum of GTIs [s]
ontime1	8226.8423250914	Sum of GTIs [s]
ontime2	8226.8012850881	Sum of GTIs [s]
ontime3	8226.9654451013	Sum of GTIs [s]
ontime6	8226.7602450848	Sum of GTIs [s]
ontime7	8226.924405098	Sum of GTIs [s]
l2events	374687	Number of level 2 events

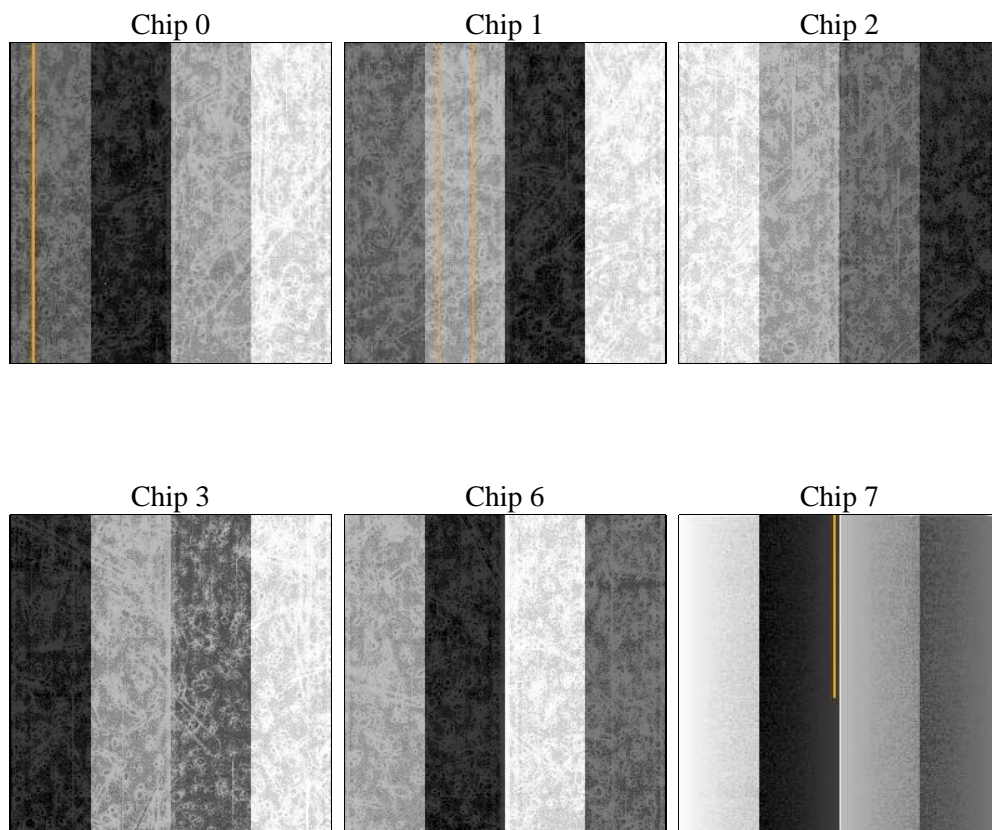
2 OBI

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	8.4.5	Processing system revision	ontime	8226.924405098	Sum of GTIs [s]
caldsver	4.5.0	 	ontime0	8226.8833650947	Sum of GTIs [s]
date	2012-07-01T02:39:50	Date and time of file creation	ontime1	8226.8423250914	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8226.8012850881	Sum of GTIs [s]
			ontime3	8226.9654451013	Sum of GTIs [s]
			ontime6	8226.7602450848	Sum of GTIs [s]
			ontime7	8226.924405098	Sum of GTIs [s]
			l1events	777577	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	121991	119962	121438	124988	128785	160413	grade 0 events	31667	31384	32606	32706	32105	16564
rejected events	61735	59547	61737	64681	66947	66599		25%	26%	26%	26%	24%	10%
rejected %	50%	49%	50%	51%	51%	41%	grade 1 events	224	191	236	237	186	138
								0%	0%	0%	0%	0%	0%
							grade 2 events	11211	11773	10412	10617	11260	20508
								9%	9%	8%	8%	8%	12%
							grade 3 events	4245	4035	4120	4227	4152	8523
								3%	3%	3%	3%	3%	5%
							grade 4 events	4092	4082	4228	4255	4183	8583
								3%	3%	3%	3%	3%	5%
							grade 5 events	3835	3869	3489	4177	4091	10543
								3%	3%	2%	3%	3%	6%
							grade 6 events	9411	9567	8790	8911	10608	40276
								7%	7%	7%	7%	8%	25%
							grade 7 events	57306	55061	57557	59858	62200	55278
								46%	45%	47%	47%	48%	34%

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	302.2812944949436
[deg] Pointing Dec	0	4.978137635616353
[deg] Pointing Roll	0.0	196.5821719942505
[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)	396878843.173844	396878843.173844
Observation start date	2010-07-30T12:07:23	2010-07-30T12:07:23
[s] Observation end time (MET)	396888661.921816	396888661.921816
Observation end date	2010-07-30T14:51:02	2010-07-30T14:51:01
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.226924405098

A.2 Comments