

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55405 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 11 2012

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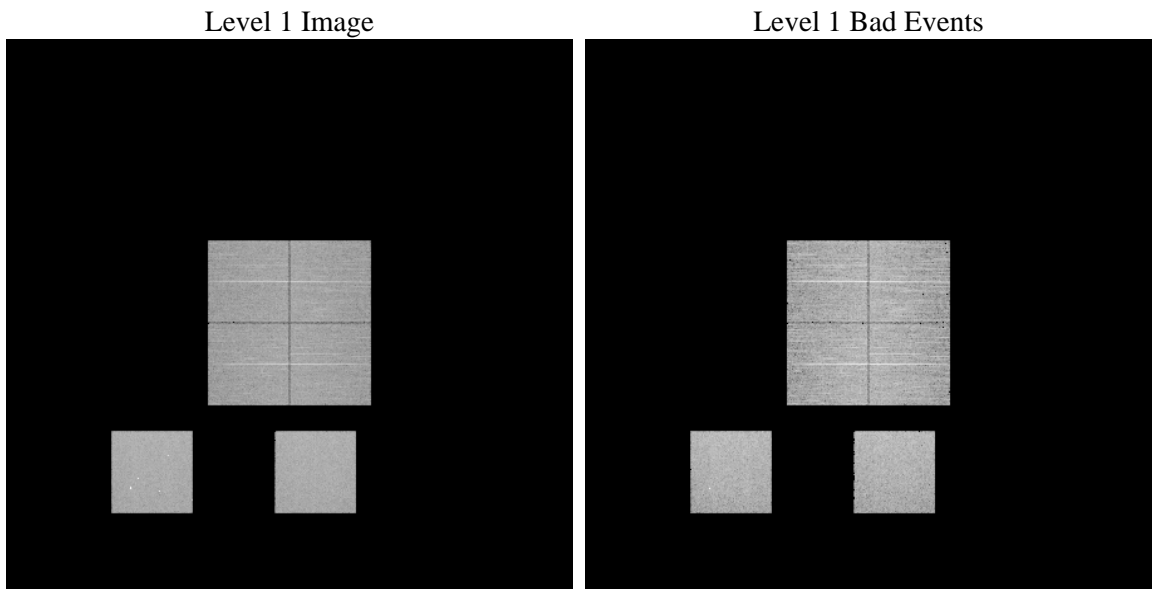
1 Front

seq_num	 	Sequence number
obs_id	55405	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	306.92298550956	Nominal RA [deg]
dec_nom	-47.425593536052	Nominal Dec [deg]
roll_nom	68.139791141197	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8006.3999702334	Sum of GTIs [s]
livetime	7905.0181129351	Livetime [s]
ontime0	8006.3999702334	Sum of GTIs [s]
ontime1	8006.3999702334	Sum of GTIs [s]
ontime2	8006.3999702334	Sum of GTIs [s]
ontime3	8006.3999702334	Sum of GTIs [s]
ontime5	8006.3999702334	Sum of GTIs [s]
ontime7	8006.3999702334	Sum of GTIs [s]
l2events	337320	Number of level 2 events

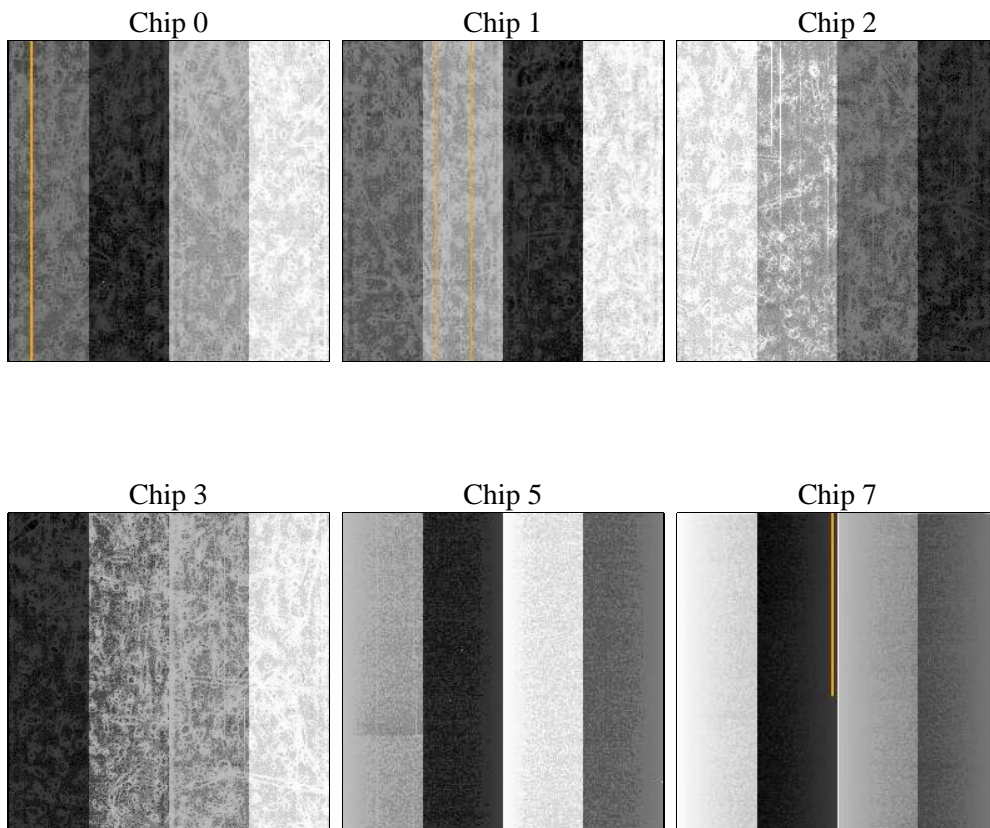
2 OBI

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	8006.3999702334	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8006.3999702334	Sum of GTIs [s]
date	2012-02-11T03:44:47	Date and time of file creation	ontime1	8006.3999702334	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8006.3999702334	Sum of GTIs [s]
			ontime3	8006.3999702334	Sum of GTIs [s]
			ontime5	8006.3999702334	Sum of GTIs [s]
			ontime7	8006.3999702334	Sum of GTIs [s]
			l1events	713026	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	104153	105816	106704	108381	145930	142042	grade 0 events	26355	25911	26681	27085	11605	14177
rejected events	55778	56889	58562	59500	64147	62599		25%	24%	25%	24%	7%	9%
rejected %	53%	53%	54%	54%	43%	44%	grade 1 events	151	137	193	170	182	105
								0%	0%	0%	0%	0%	0%
							grade 2 events	9314	9683	8834	8866	29894	17887
								8%	9%	8%	8%	20%	12%
							grade 3 events	3419	3377	3359	3626	3542	7462
								3%	3%	3%	3%	2%	5%
							grade 4 events	3364	3374	3473	3584	3462	7470
								3%	3%	3%	3%	2%	5%
							grade 5 events	3461	3615	3303	3798	7911	9773
								3%	3%	3%	3%	5%	6%
							grade 6 events	7593	8291	7482	7368	36173	35317
								7%	7%	7%	6%	24%	24%
							grade 7 events	50496	51428	53379	53884	53161	49851
								48%	48%	50%	49%	36%	35%

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	306.9229855095641
[deg] Pointing Dec	0	-47.42559353605165
[deg] Pointing Roll	0.0	68.13979114119675
[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)	422889636.066147	422889636.066147
Observation start date	2011-05-27T13:20:36	2011-05-27T13:20:36
[s] Observation end time (MET)	422899184.537673	422899184.537673
Observation end date	2011-05-27T15:59:45	2011-05-27T15:59:44
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)	2012.02.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0063999702334

A.2 Comments