V&V Reference Report
L2 ASCDS Version : 7.6.11.10

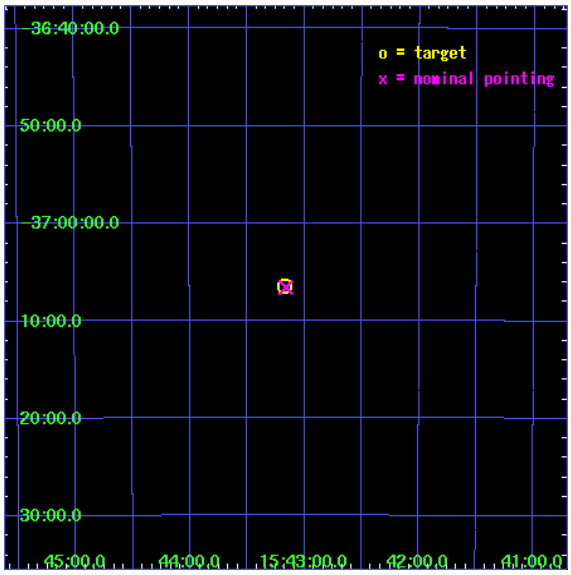
Observation 3368 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Feb 4 2009

Contents

1 Front

seq_num	190007
obs_id	3368
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtycycle	0
cycle	P
ra_targ	235.7937
dec_targ	-37.10799
ra_nom	235.79027290066
dec_nom	-37.110005088737
roll_nom	248.19830159575
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime5	0.0
ontime6	0.0
ontime7	0.0
l2events	0

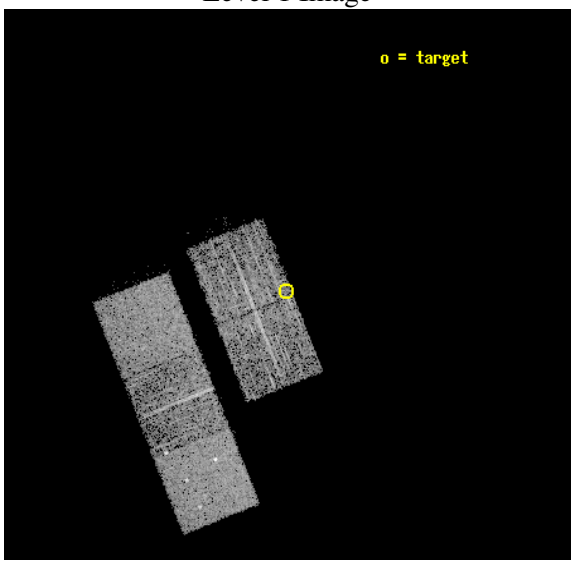


2 OBI

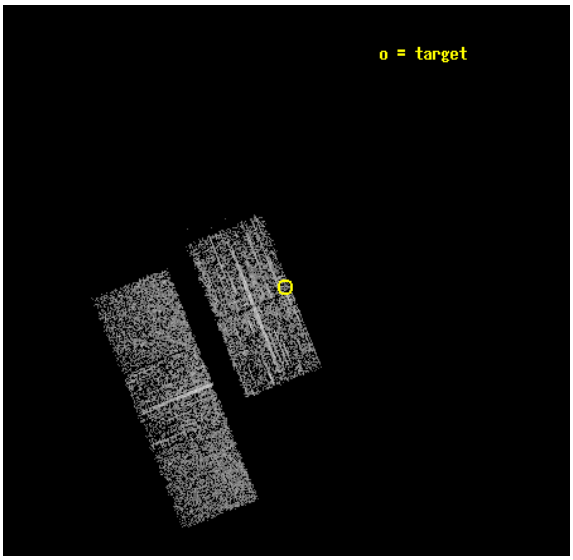
2.1 OBI

2.1.1 Images

Level 1 Image

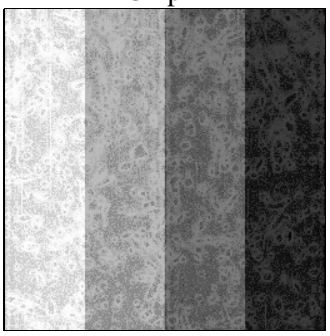


Level 1 Bad Events

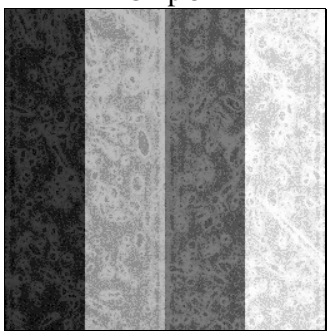


2.1.2 Bias

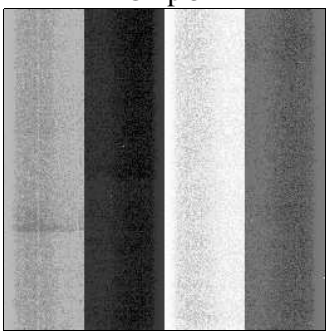
Chip 2



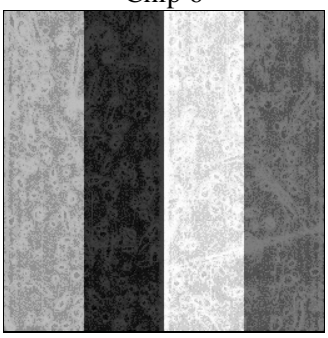
Chip 3



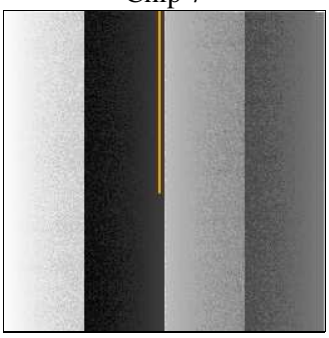
Chip 5



Chip 6



Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-04T12:27:12
revision	3

sched_exp_time	2209.443000
ontime	0.0
ontime2	2266.327363342
ontime3	2269.4272836
ontime5	2269.3862735182
ontime6	2269.5093635917
ontime7	2267.801289618
l1events	87001

2.1.4 Events

	ccd 2	**ccd 3**	**ccd 5**	**ccd 6**	**ccd 7**
level 1 events	15465	15546	22088	14824	19078
rejected events	13890	13876	11350	13133	11146
rejected %	89%	89%	51%	88%	58%

	ccd 2	**ccd 3**	**ccd 5**	**ccd 6**	**ccd 7**
grade 0 events	663	645	1784	655	773
	4%	4%	8%	4%	4%
grade 1 events	8	5	36	6	11
	0%	0%	0%	0%	0%
grade 2 events	336	338	2896	365	1544
	2%	2%	13%	2%	8%
grade 3 events	145	180	485	162	711
	0%	1%	2%	1%	3%
grade 4 events	166	176	458	176	659
	1%	1%	2%	1%	3%
grade 5 events	497	602	1546	625	1801
	3%	3%	6%	4%	9%
grade 6 events	265	331	5115	333	4245
	1%	2%	23%	2%	22%
grade 7 events	13385	13269	9768	12502	9334
	86%	85%	44%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-23567	ACIS-23567
Grating	NONE	NONE
Data mode	VFAINT	VFAINT
Observation mode	POINTING	POINTING
Pointing RA	235.7902729006576	235.7902729006576
Pointing Dec	-37.11000508873662	-37.11000508873662
Pointing Roll	248.1983015957504	248.1983015957504
Window start time	117525664.184000	117525664.184000
Window stop time	117568864.184000	117568864.184000
SIM focus pos (mm)	-0.78090834371673	-0.78090834371673
SIM defocus (mm)	0.001439854621703041	0.001439854621703041
SIM translation stage pos (mm)	-233.5874344608	-233.5874344608
SIM translation stage offset (mm)	-0.005028630631784381	-0.005028630631784381
Observation start time	117532804.3272197	117532804.3272197
Observation start date	2001-09-22T08:00:00	2001-09-22T08:00:04
Observation end time	117535140.3023121	117535140.3023121
Observation end date	2001-09-22T08:36:49	2001-09-22T08:39:00
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	6	6
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
Primary exposure time	3.1	3.1

2.3 Star Slots

2.4 FID Slots

3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.02.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.2

A.2 Comments

Charge time is based on Level 1 events because the OBC aspect solution was used (violation of earth angle constraint.) Consequently, there are no Level 2 events and no GTI.

This obsid was reprocessed to correct minor errors in parameters used in processing. Some of these parameters cannot be determined automatically for this observation and were derived from spacecraft telemetry.