

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 2493 - L2 Version 3
Chandra X-Ray Center

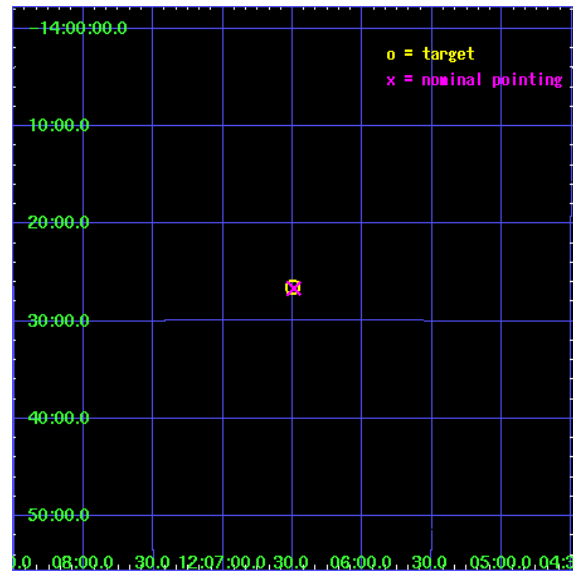
L2 Processing Date : Feb 4 2009

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1 Front

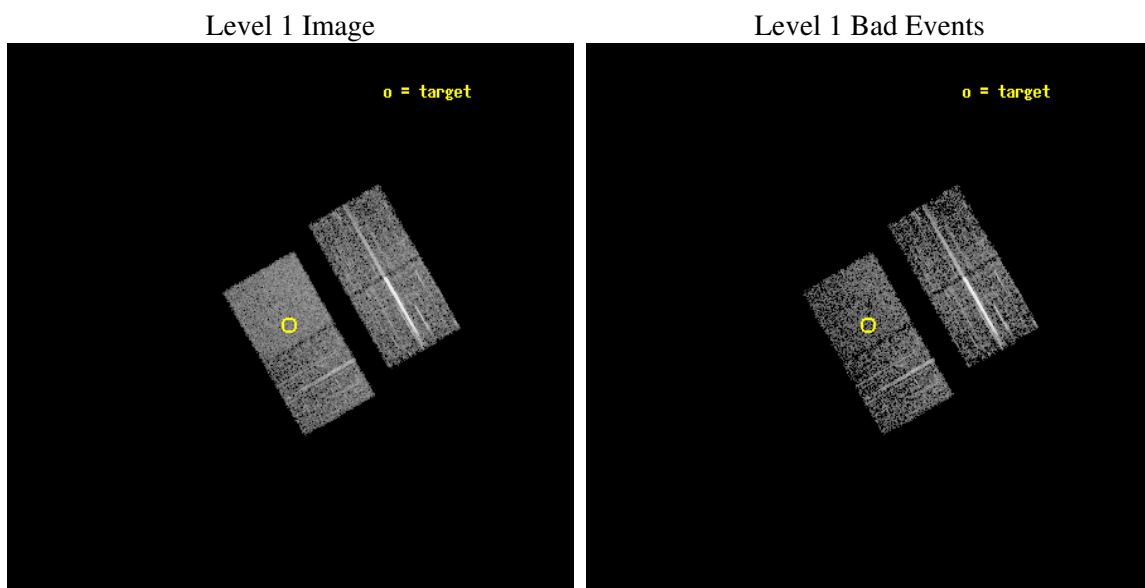
seq_num	190008
obs_id	2493
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtcycle	0
cycle	P
ra_targ	181.625
dec_targ	-14.442758
ra_nom	181.62279541861
dec_nom	-14.44443876217
roll_nom	240.09760323781
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime6	0.0
ontime7	0.0
l2events	0



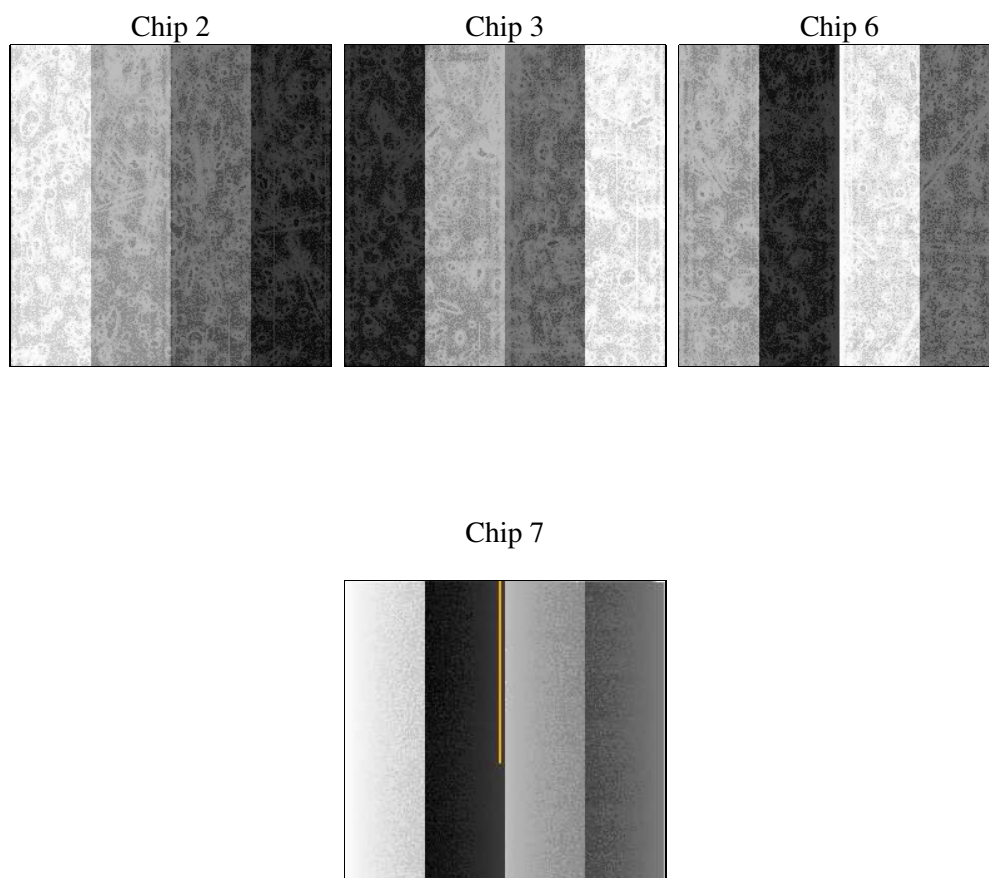
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.10
caldbver	3.5.1
date	2009-02-04T08:15:02
revision	3

sched_exp_time	3000.000000
ontime	0.0
ontime2	3024.114800781
ontime3	3024.0737607926
ontime6	3024.0327207893
ontime7	3023.9917107075
l1events	102212

2.1.4 Events

	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	35882	20609	20383	25338
rejected events	33801	18394	18149	15028
rejected %	94%	89%	89%	59%

	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	849	971	861	858
	2%	4%	4%	3%
grade 1 events	48	8	6	28
	0%	0%	0%	0%
grade 2 events	475	455	435	2049
	1%	2%	2%	8%
grade 3 events	177	196	228	940
	0%	0%	1%	3%
grade 4 events	215	214	227	885
	0%	1%	1%	3%
grade 5 events	540	722	817	2364
	1%	3%	4%	9%
grade 6 events	365	379	483	5578
	1%	1%	2%	22%
grade 7 events	33213	17664	17326	12636
	92%	85%	85%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	181.6227954186128	181.6227954186128	Subarray requested	NONE	NONE
Pointing Dec	-14.44443876216991	-14.44443876216991	Alternating exposures requested	N	N
Pointing Roll	240.0976032378146	240.0976032378146	Primary exposure time	3.1	3.1
SIM focus pos (mm)	-0.68282252473119	-0.68282252473119			
SIM defocus (mm)	0.001444942264670734	0.001444942264670734			
SIM translation stage pos (mm)	-190.1400660499	-190.1400660499			
SIM translation stage offset (mm)	0.007542945932812017	0.007542945932812017			
Observation start time	112518469.2793535	112518469.2793535			
Observation start date	2001-07-26T07:07:08	2001-07-26T07:07:49			
Observation end time	112521531.9794733	112521531.9794733			
Observation end date	2001-07-26T07:57:08	2001-07-26T07:58:51			
Read mode	TIMED	TIMED			

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	3

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.