

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 3371 - L2 Version 3
Chandra X-Ray Center

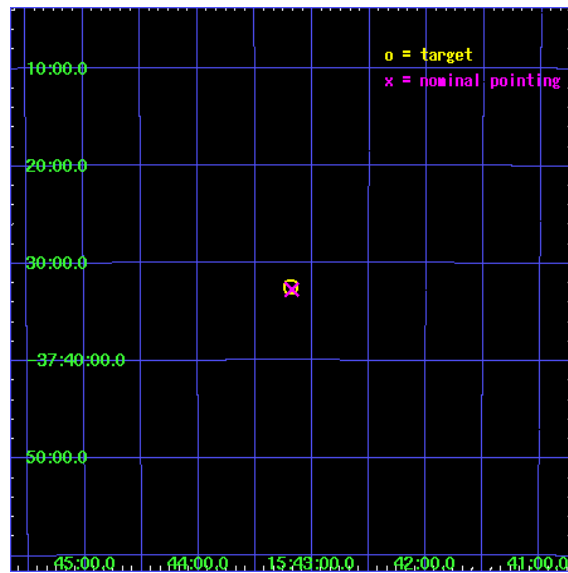
L2 Processing Date : Feb 4 2009

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1 Front

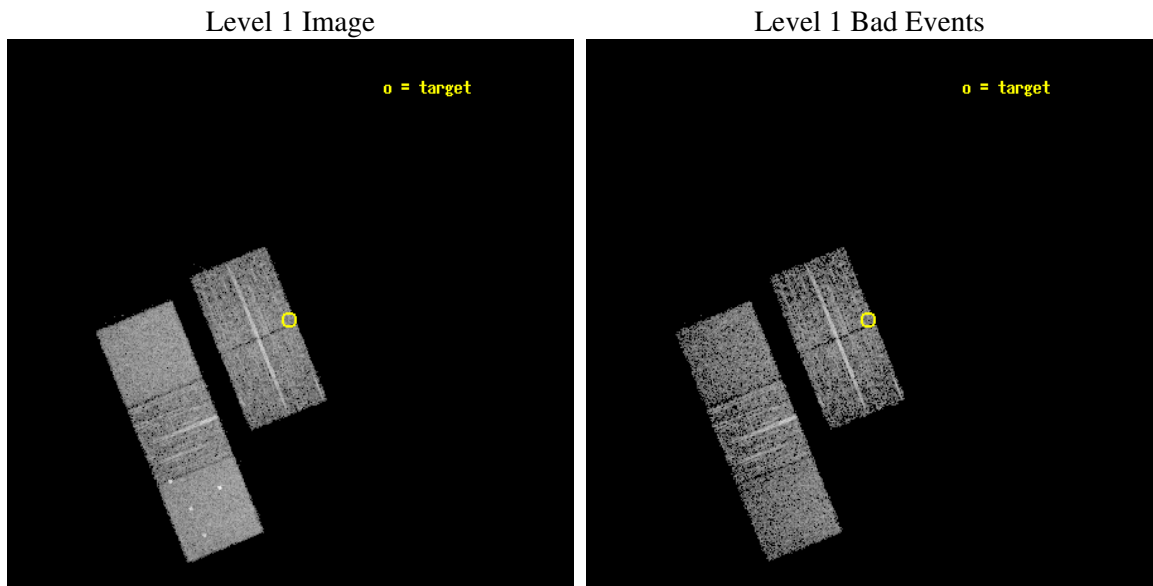
seq_num	190007
obs_id	3371
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtcycle	0
cycle	P
ra_targ	235.79653
dec_targ	-37.53998
ra_nom	235.7942065875
dec_nom	-37.545421026533
roll_nom	247.97026586946
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime5	0.0
ontime6	0.0
ontime7	0.0
l2events	0



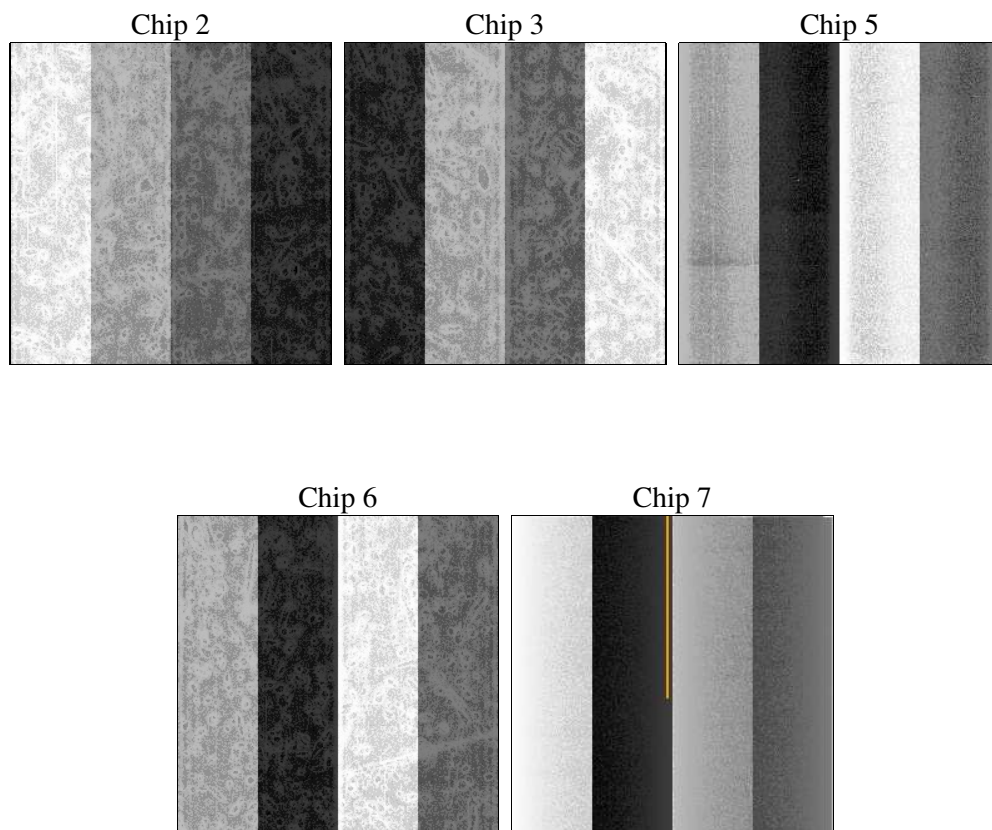
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-02-04T17:07:33
revision	3

sched_exp_time	4014.581000
ontime	0.0
ontime2	4070.7346010506
ontime3	4070.734650895
ontime5	4070.7346209735
ontime6	4073.8756111413
ontime7	4070.7346309721
l1events	153684

2.1.4 Events

	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	26183	26093	38805	27944	34659
rejected events	23341	23229	20504	24694	20312
rejected %	89%	89%	52%	88%	58%

	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	1182	1169	2755	1377	1366
	4%	4%	7%	4%	3%
grade 1 events	12	11	49	8	28
	0%	0%	0%	0%	0%
grade 2 events	589	569	5031	641	2863
	2%	2%	12%	2%	8%
grade 3 events	285	310	739	330	1306
	1%	1%	1%	1%	3%
grade 4 events	276	284	788	305	1244
	1%	1%	2%	1%	3%
grade 5 events	935	1032	2772	1089	3317
	3%	3%	7%	3%	9%
grade 6 events	510	532	8988	597	7568
	1%	2%	23%	2%	21%
grade 7 events	22394	22186	17683	23597	16967
	85%	85%	45%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	235.7942065874989	235.7942065874989	Subarray requested	NONE	NONE
Pointing Dec	-37.54542102653323	-37.54542102653323	Alternating exposures requested	N	N
Pointing Roll	247.970265869456	247.970265869456	Primary exposure time	3.1	3.1
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	117541803.8275756	117541803.8275756			
Observation start date	2001-09-22T10:30:00	2001-09-22T10:30:03			
Observation end time	117545945.8527394	117545945.8527394			
Observation end date	2001-09-22T11:36:54	2001-09-22T11:39:05			
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	4

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.