

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 2469 - L2 Version 3
Chandra X-Ray Center

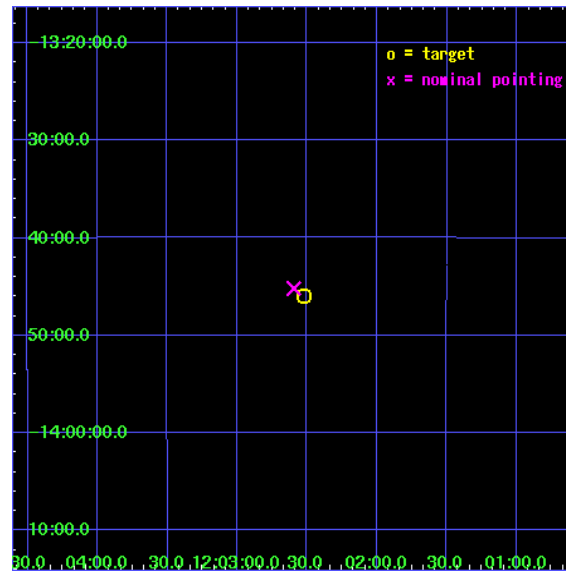
L2 Processing Date : Feb 3 2009

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1 Front

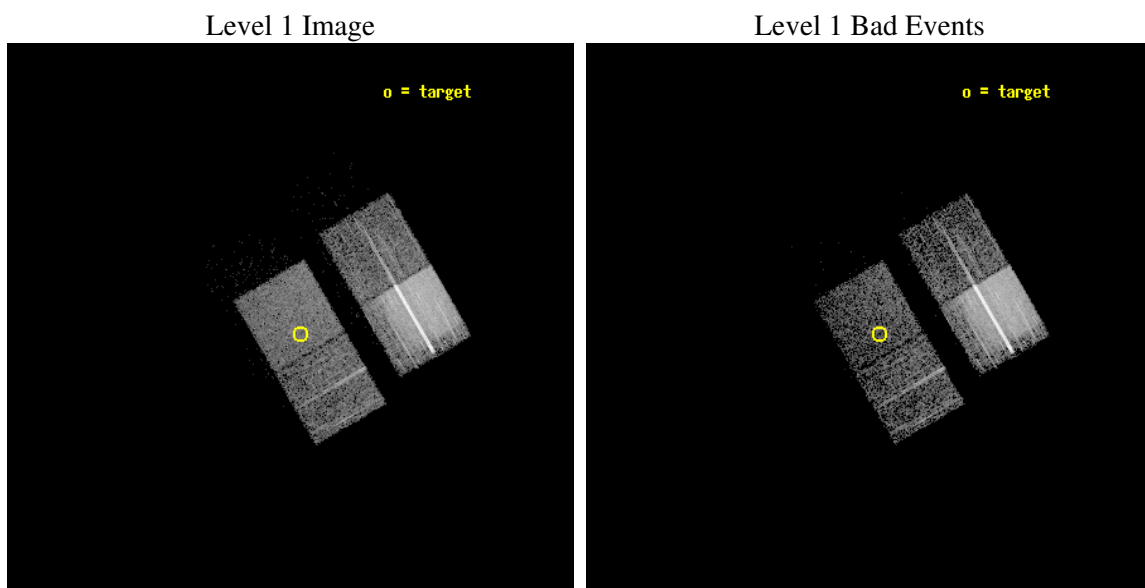
seq_num	190008
obs_id	2469
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtcycle	0
cycle	P
ra_targ	180.631471
dec_targ	-13.765978
ra_nom	180.64858711017
dec_nom	-13.753288478422
roll_nom	239.97402776086
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime6	0.0
ontime7	0.0
l2events	0



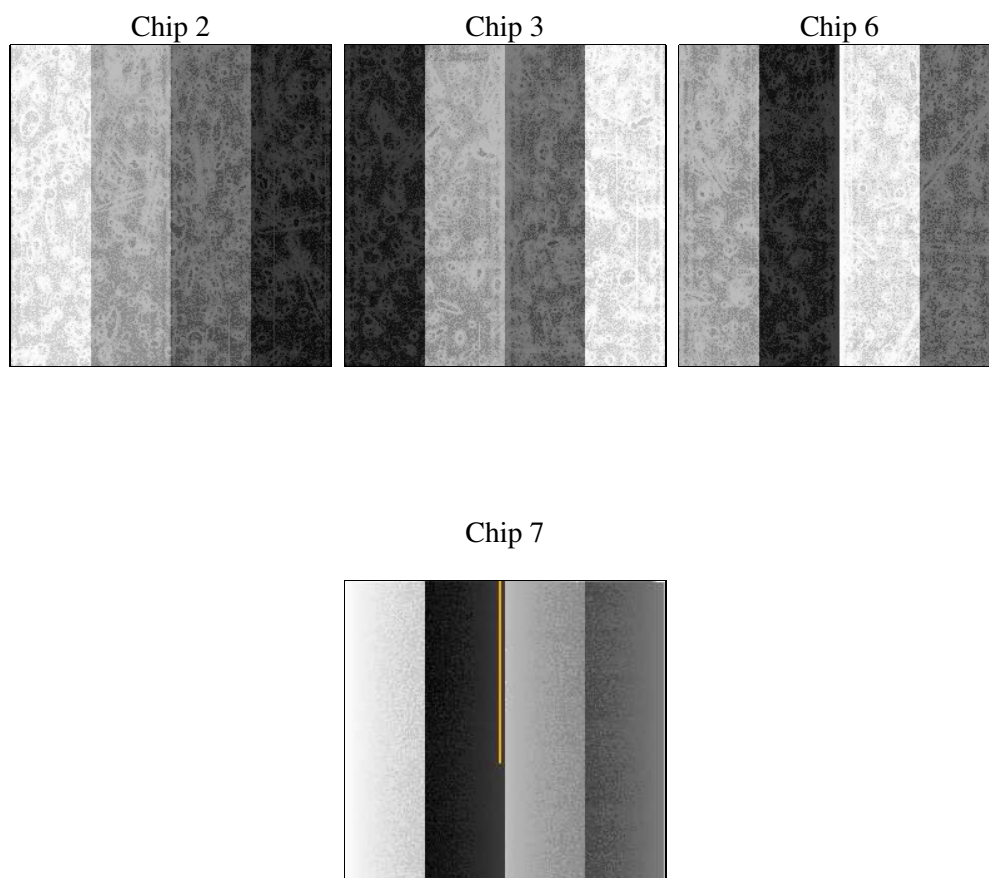
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.11.10
caldsver	3.5.1
date	2009-02-04T00:20:24
revision	3

sched_exp_time	3000.000000
ontime	0.0
ontime2	2845.7460277975
ontime3	2998.6448931247
ontime6	2998.6859032065
ontime7	2998.7269432098
l1events	165919

2.1.4 Events

	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	98823	21867	20563	24666
rejected events	98001	19643	18475	14600
rejected %	99%	89%	89%	59%

	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	237	1011	791	825
	0%	4%	3%	3%
grade 1 events	54	37	12	33
	0%	0%	0%	0%
grade 2 events	195	409	420	1913
	0%	1%	2%	7%
grade 3 events	62	222	228	849
	0%	1%	1%	3%
grade 4 events	105	196	215	904
	0%	0%	1%	3%
grade 5 events	254	626	641	2240
	0%	2%	3%	9%
grade 6 events	223	386	434	5575
	0%	1%	2%	22%
grade 7 events	97693	18980	17822	12327
	98%	86%	86%	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	180.6485871101717	180.6485871101717	Subarray requested	NONE	NONE
Pointing Dec	-13.75328847842186	-13.75328847842186	Alternating exposures requested	N	N
Pointing Roll	239.9740277608633	239.9740277608633	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	112500000.184	112500000.184			
Observation start date	2001-07-26T02:00:00	2001-07-26T02:00:00			
Observation end time	112503000.184	112503000.184			
Observation end date	2001-07-26T02:50:00	2001-07-26T02:50:00			
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)	2009.02.04
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.