

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 2489 - L2 Version 3
Chandra X-Ray Center

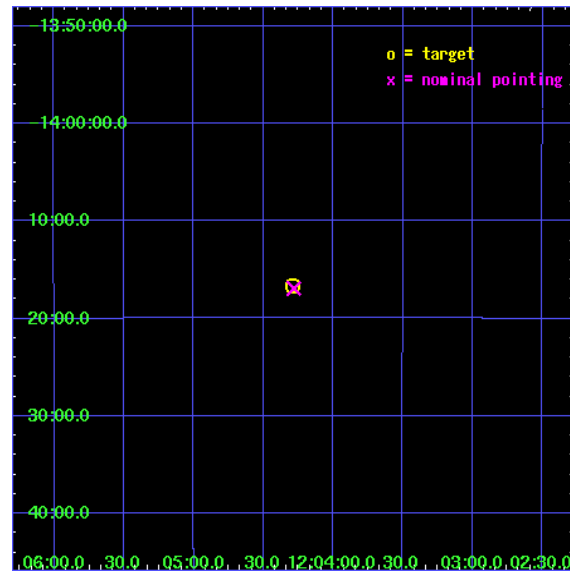
L2 Processing Date : Feb 4 2009

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1 Front

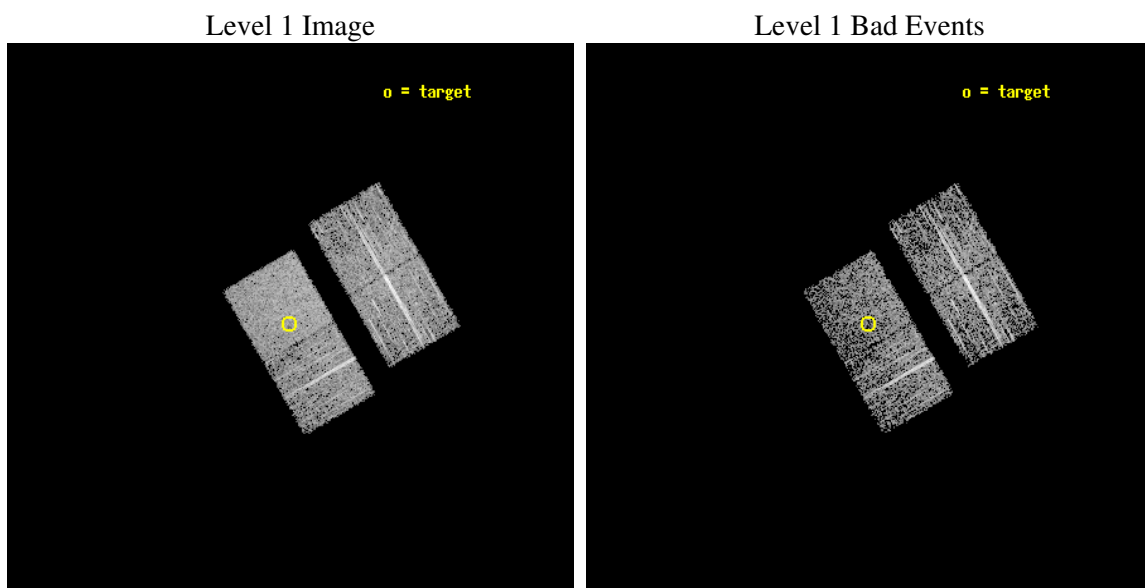
seq_num	190008
obs_id	2489
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtcycle	0
cycle	P
ra_targ	181.072446
dec_targ	-14.278047
ra_nom	181.07032275084
dec_nom	-14.282182710533
roll_nom	239.92276088521
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime6	0.0
ontime7	0.0
l2events	0



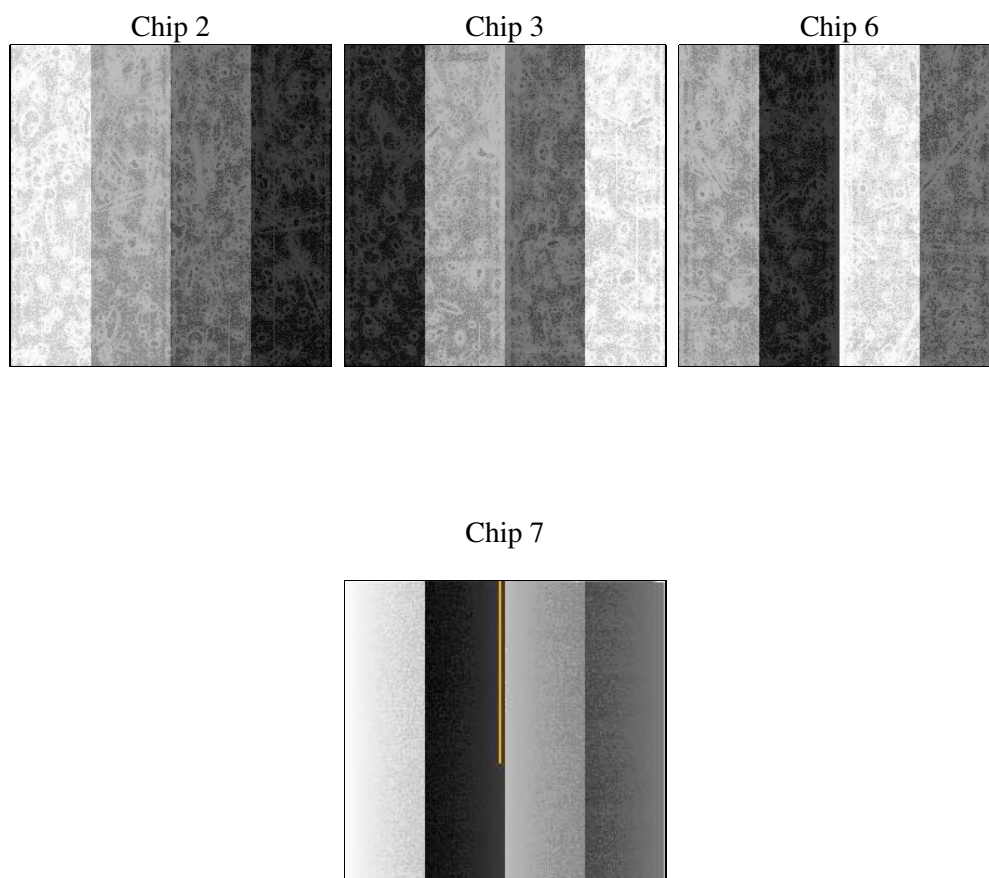
2 OBI

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	2009-02-04T04:39:58
revision	3

sched_exp_time	3000.000000
ontime	0.0
ontime2	3026.9390522093
ontime3	3026.8979923129
ontime6	3029.9979025573
ontime7	3026.8158823997
l1events	92758

2.1.4 Events

	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	24963	21693	21056	25046
rejected events	22690	19318	18967	14747
rejected %	90%	89%	90%	58%

	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	993	1090	766	838
	3%	5%	3%	3%
grade 1 events	24	15	7	20
	0%	0%	0%	0%
grade 2 events	496	413	428	1946
	1%	1%	2%	7%
grade 3 events	194	228	223	957
	0%	1%	1%	3%
grade 4 events	191	228	226	898
	0%	1%	1%	3%
grade 5 events	571	689	837	2418
	2%	3%	3%	9%
grade 6 events	399	416	446	5660
	1%	1%	2%	22%
grade 7 events	22095	18614	18123	12309
	88%	85%	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	181.0703227508444	181.0703227508444	Subarray requested	NONE	NONE
Pointing Dec	-14.28218271053291	-14.28218271053291	Alternating exposures requested	N	N
Pointing Roll	239.9227608852054	239.9227608852054	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	112510870.9540564	112510870.9540564			
Observation start date	2001-07-26T05:00:36	2001-07-26T05:01:10			
Observation end time	112513931.6041761	112513931.6041761			
Observation end date	2001-07-26T05:50:36	2001-07-26T05:52:11			
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.