

V&V Reference Report

L2 ASCDS Version : 7.6.11.10

Observation 2487 - L2 Version 3
Chandra X-Ray Center

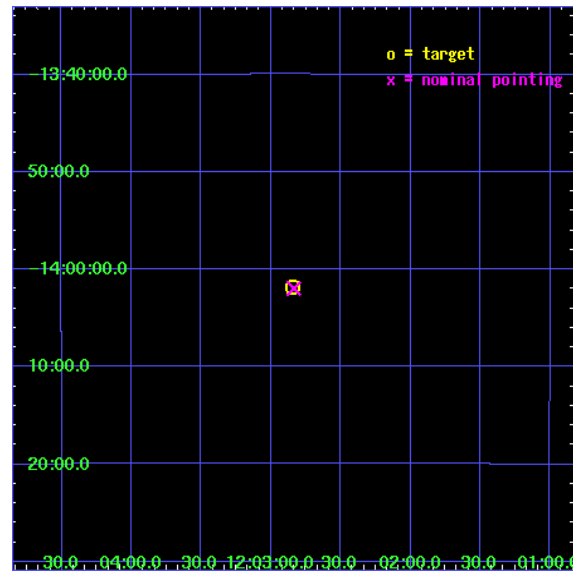
L2 Processing Date : Feb 3 2009

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1 Front

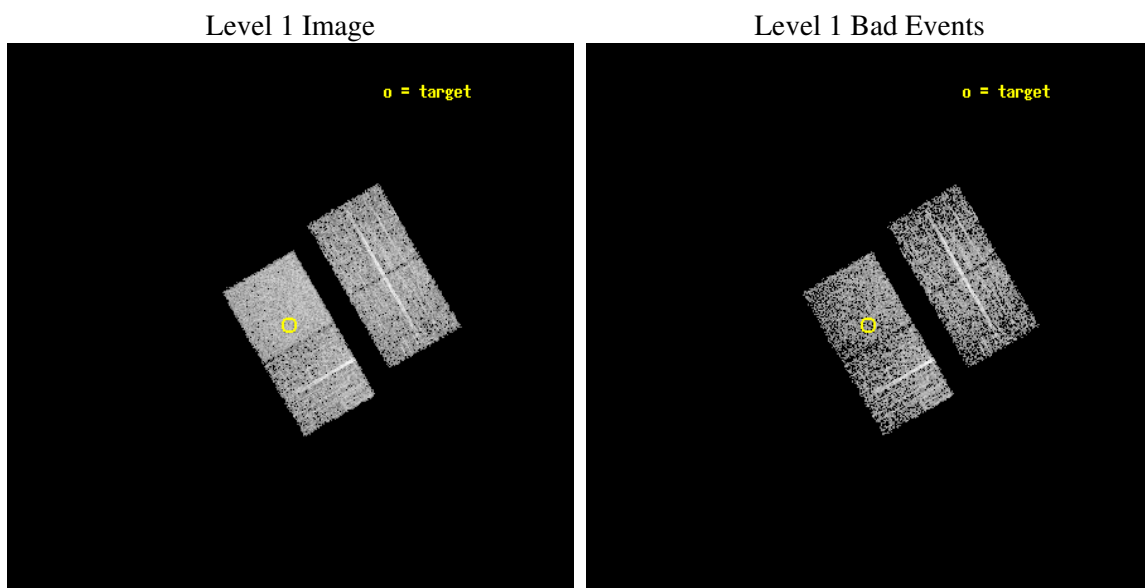
seq_num	190008
obs_id	2487
title	ACIS DARK CURRENT CALIBARTION ON DARK MOON
observer	DR. SCOTT WOLK
object	DARK MOON
dtcycle	0
cycle	P
ra_targ	180.711413
dec_targ	-14.030828
ra_nom	180.70901438434
dec_nom	-14.03300163696
roll_nom	239.87466843428
revision	3
ontime	0.0
livetime	0.0
ontime2	0.0
ontime3	0.0
ontime6	0.0
ontime7	0.0
l2events	0



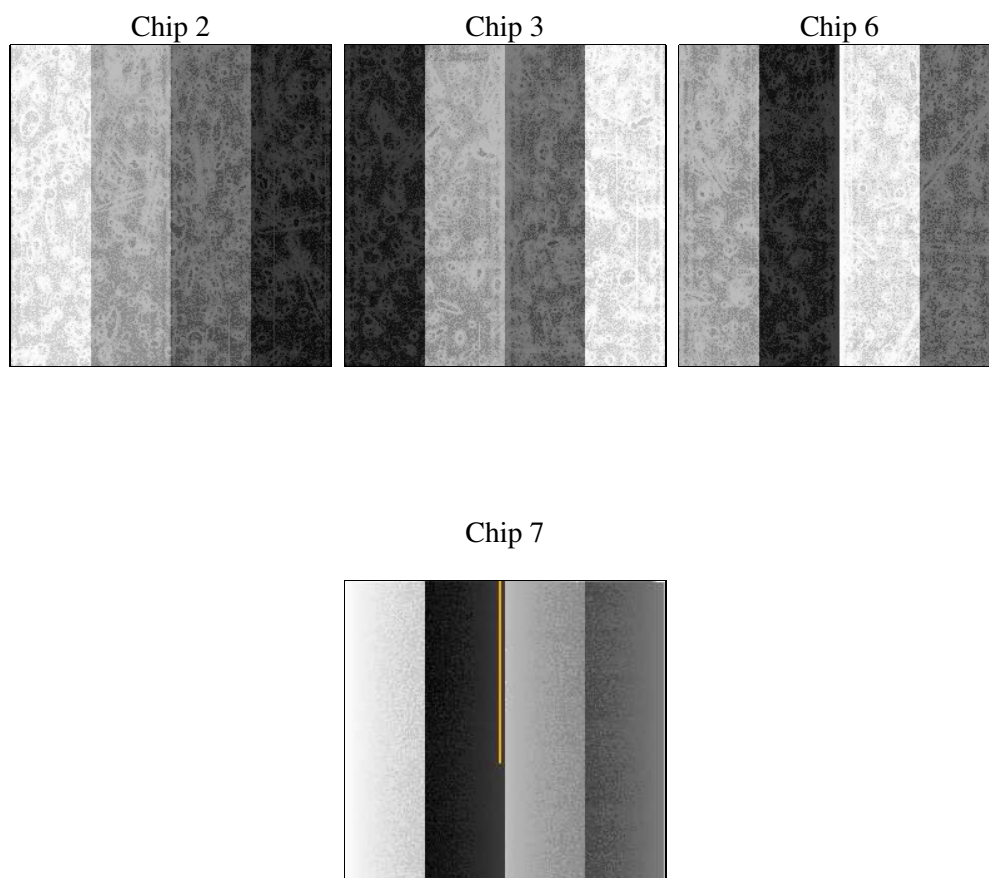
2 OBI

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	2009-02-04T01:56:17
revision	3

sched_exp_time	3000.000000
ontime	0.0
ontime2	3020.5693941861
ontime3	3020.5283541977
ontime6	3020.4873441011
ontime7	3020.4463040978
l1events	85245

2.1.4 Events

	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	19502	19586	20880	25277
rejected events	17231	17321	18711	15167
rejected %	88%	88%	89%	60%

	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1023	1000	808	860
	5%	5%	3%	3%
grade 1 events	7	16	9	17
	0%	0%	0%	0%
grade 2 events	472	413	445	1903
	2%	2%	2%	7%
grade 3 events	185	219	222	925
	0%	1%	1%	3%
grade 4 events	219	219	242	938
	1%	1%	1%	3%
grade 5 events	631	732	874	2414
	3%	3%	4%	9%
grade 6 events	372	414	452	5484
	1%	2%	2%	21%
grade 7 events	16593	16573	17828	12736
	85%	84%	85%	50%

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	180.7090143843354	180.7090143843354	Subarray requested	NONE	NONE
Pointing Dec	-14.03300163696035	-14.03300163696035	Alternating exposures requested	N	N
Pointing Roll	239.8746684342844	239.8746684342844	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	112503281.8537596	112503281.8537596			
Observation start date	2001-07-26T02:54:00	2001-07-26T02:54:41			
Observation end time	112506329.1788788	112506329.1788788			
Observation end date	2001-07-26T03:44:00	2001-07-26T03:45:29			
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	3.02

A.2 Comments

Comments for Obi 1 On-Board-Computer aspect solution used No aspect information due to OBC aspect solution; no L2 events because of violation of lunar constraint and lack of KALMAN lock. Charge time is L1 time.

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.