

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61126 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 11 2012

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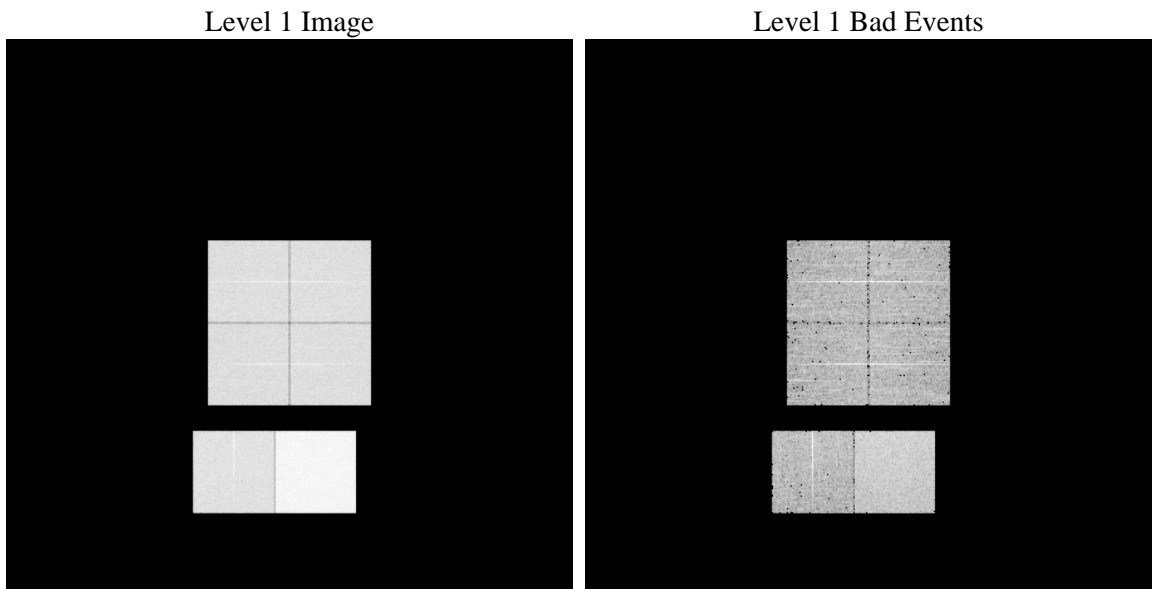
1 Front

seq_num	 	Sequence number
obs_id	61126	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	270.74003721047	Nominal RA [deg]
dec_nom	21.479142435362	Nominal Dec [deg]
roll_nom	211.32929539915	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7551.9999718666	Sum of GTIs [s]
livetime	7456.3720009544	Livetime [s]
ontime0	3413.2698221803	Sum of GTIs [s]
ontime1	3432.7164407074	Sum of GTIs [s]
ontime2	3221.5559543669	Sum of GTIs [s]
ontime3	3286.2120169401	Sum of GTIs [s]
ontime6	3629.9552274942	Sum of GTIs [s]
ontime7	7551.9999718666	Sum of GTIs [s]
l2events	1171014	Number of level 2 events

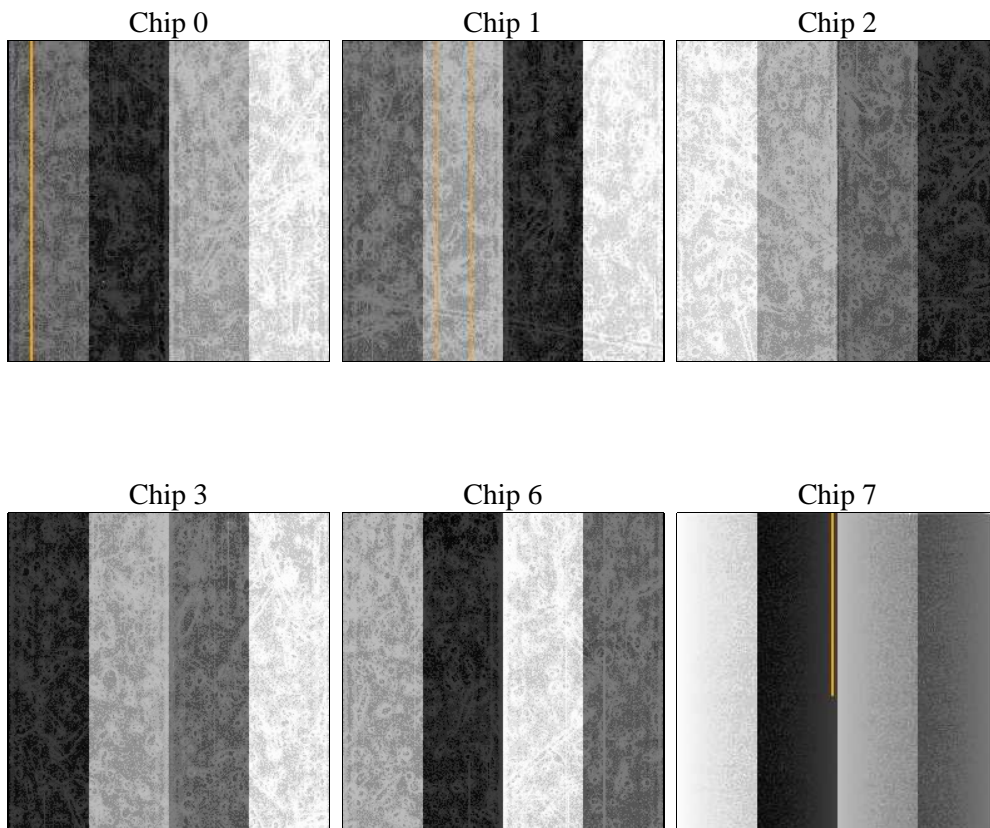
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1380	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7551.9999718666	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3413.2698221803	Sum of GTIs [s]
date	2012-10-12T00:15:33	Date and time of file creation	ontime1	3432.7164407074	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	3221.5559543669	Sum of GTIs [s]
			ontime3	3286.2120169401	Sum of GTIs [s]
			ontime6	3629.9552274942	Sum of GTIs [s]
			ontime7	7551.9999718666	Sum of GTIs [s]
			l1events	1436736	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	196913	198622	188711	193090	218128	441272	grade 0 events	93949	94397	90774	92920	103328	100784
rejected events	31130	32075	30490	31753	33481	55808		47%	47%	48%	48%	47%	22%
rejected %	15%	16%	16%	16%	15%	12%	grade 1 events	474	471	498	489	499	268
								0%	0%	0%	0%	0%	0%
							grade 2 events	30205	30425	28680	29056	33448	88174
								15%	15%	15%	15%	15%	19%
							grade 3 events	10873	10818	10277	10581	11769	40550
								5%	5%	5%	5%	5%	9%
							grade 4 events	10905	10854	10178	10585	11990	40252
								5%	5%	5%	5%	5%	9%
							grade 5 events	1755	1847	1597	1808	2003	8632
								0%	0%	0%	0%	0%	1%
							grade 6 events	25006	25244	23207	23104	30037	128045
								12%	12%	12%	11%	13%	29%
							grade 7 events	23746	24566	23500	24547	25054	34567
								12%	12%	12%	12%	11%	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	270.7399056191126	270.7400372104652	Subarray requested	NONE	NONE
[deg] Pointing Dec	21.47921513937868	21.47914243536187	Alternating exposures requested	N	N
[deg] Pointing Roll	211.3294812624442	211.3292953991498	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	143238506.69	143238506.69			
Observation start date	2002-07-16T21:05:00	2002-07-16T20:28:26			
[s] Observation end time (MET)	143247845.16781	143247845.16781			
Observation end date	2002-07-16T21:28:00	2002-07-16T23:04:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5519999718666

A.2 Comments