

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61477 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 23 2012

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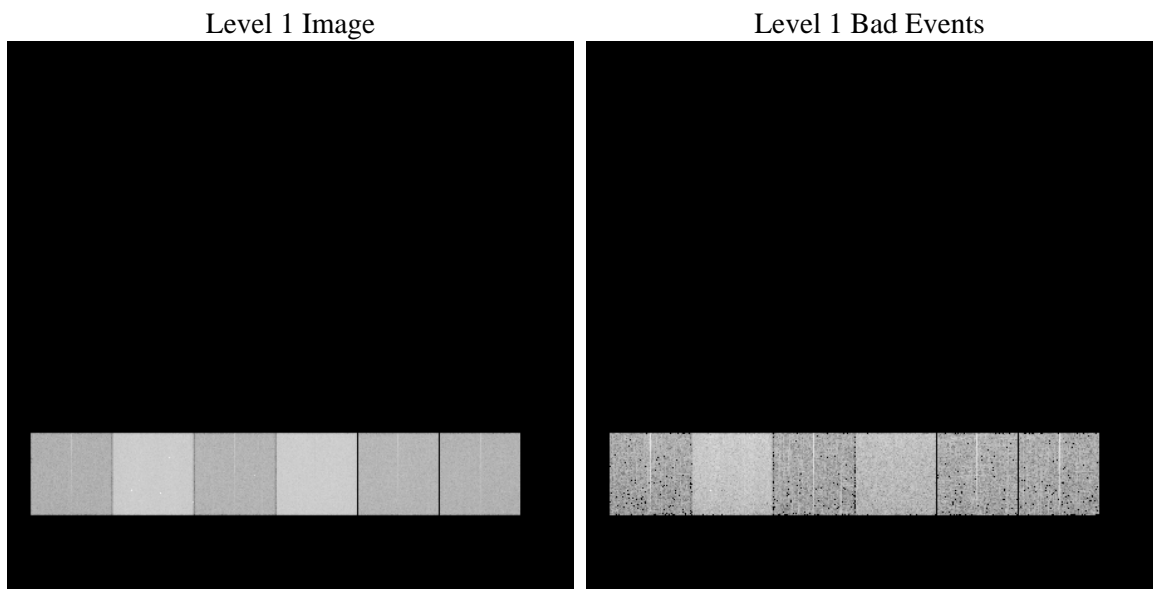
1 Front

seq_num	 	Sequence number
obs_id	61477	Observation id
title	ACIS-456789 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	305.03000669283	Nominal RA [deg]
dec_nom	-35.014693913349	Nominal Dec [deg]
roll_nom	296.42242661264	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6312.5704874247	Sum of GTIs [s]
livetime	6232.6369189393	Livetime [s]
ontime4	2326.1443056613	Sum of GTIs [s]
ontime5	6795.4736263156	Sum of GTIs [s]
ontime6	2533.5705960542	Sum of GTIs [s]
ontime7	6312.5704874247	Sum of GTIs [s]
ontime8	2639.9466041625	Sum of GTIs [s]
ontime9	2500.3770334274	Sum of GTIs [s]
l2events	1296004	Number of level 2 events

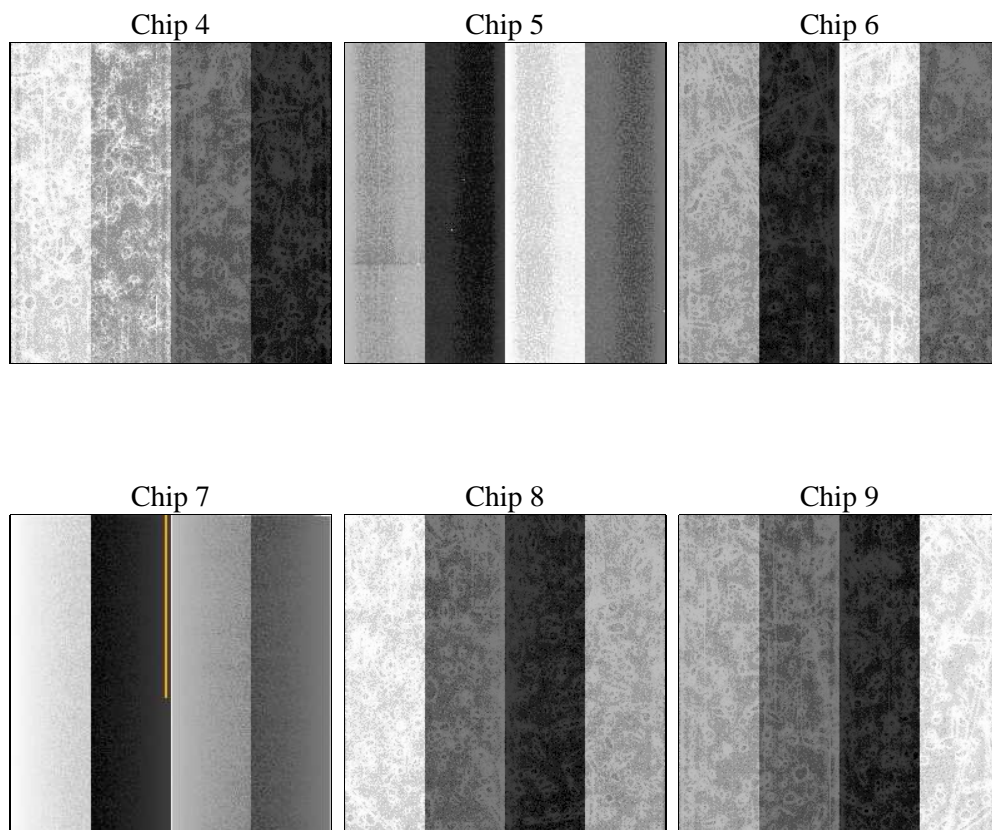
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	6312.5704874247	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2326.1443056613	Sum of GTIs [s]
date	2012-09-23T22:11:27	Date and time of file creation	ontime5	6795.4736263156	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2533.5705960542	Sum of GTIs [s]
			ontime7	6312.5704874247	Sum of GTIs [s]
			ontime8	2639.9466041625	Sum of GTIs [s]
			ontime9	2500.3770334274	Sum of GTIs [s]
			l1events	1545893	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	154888	418675	179823	430184	190378	171945	grade 0 events	74884	76701	87233	99705	92351	82821
rejected events	22932	58793	23547	40631	25407	23120		48%	18%	48%	23%	48%	48%
rejected %	14%	14%	13%	9%	13%	13%	grade 1 events	406	271	455	293	459	392
								0%	0%	0%	0%	0%	0%
							grade 2 events	24513	142926	27499	87274	29542	27010
								15%	34%	15%	20%	15%	15%
							grade 3 events	8097	20389	9450	39786	10388	9308
								5%	4%	5%	9%	5%	5%
							grade 4 events	7859	19863	9676	39594	10492	9043
								5%	4%	5%	9%	5%	5%
							grade 5 events	1311	9568	1491	7254	1694	1532
								0%	2%	0%	1%	0%	0%
							grade 6 events	18420	105027	24848	128664	24637	22583
								11%	25%	13%	29%	12%	13%
							grade 7 events	19398	43930	19171	27614	20815	19256
								12%	10%	10%	6%	10%	11%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	305.0300066928301	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-35.01469391334894	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	296.4224266126408			
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.8505141146731063			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	116540080.257	116540079.48826			
Observation start date	2001-09-10T20:14:40	2001-09-10T20:14:39			
[s] Observation end time (MET)	116561390.008	116561389.2391			
Observation end date	2001-09-11T02:09:50	2001-09-11T02:09:49			
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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.3125704874247

A.2 Comments