

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61104 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 12 2012

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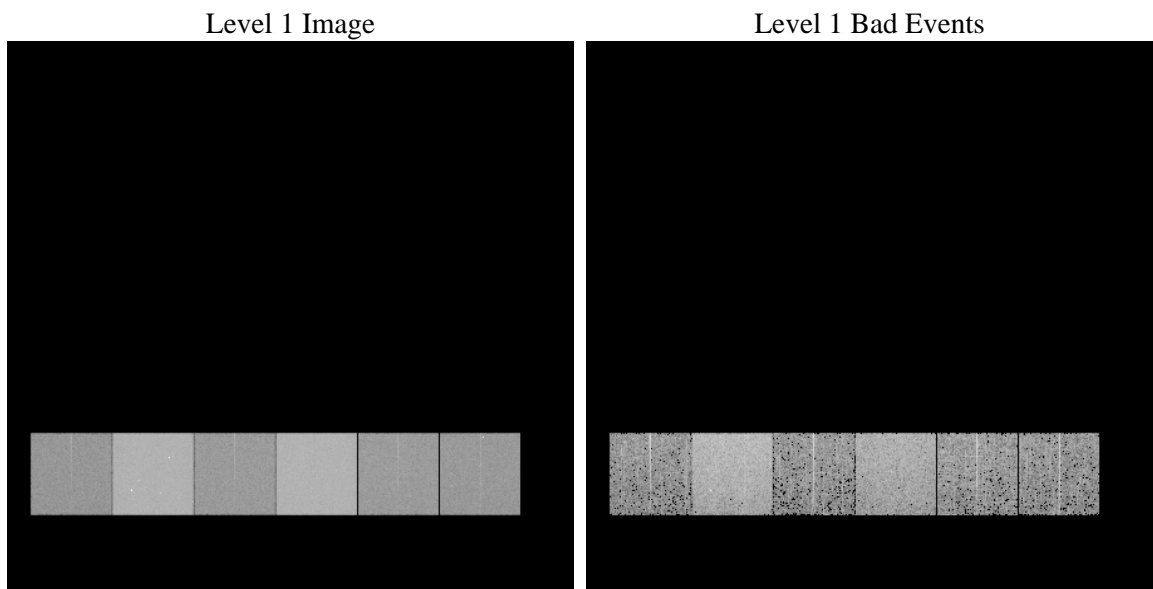
1 Front

seq_num	 	Sequence number
obs_id	61104	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	277.38874578649	Nominal RA [deg]
dec_nom	-23.822986769525	Nominal Dec [deg]
roll_nom	273.94619123237	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7259.1103385091	Sum of GTIs [s]
livetime	7167.1911124914	Livetime [s]
ontime4	2802.6255986691	Sum of GTIs [s]
ontime5	7793.8292936981	Sum of GTIs [s]
ontime6	3027.1274881661	Sum of GTIs [s]
ontime7	7259.1103385091	Sum of GTIs [s]
ontime8	3072.5020779073	Sum of GTIs [s]
ontime9	2949.3429463208	Sum of GTIs [s]
l2events	1229201	Number of level 2 events

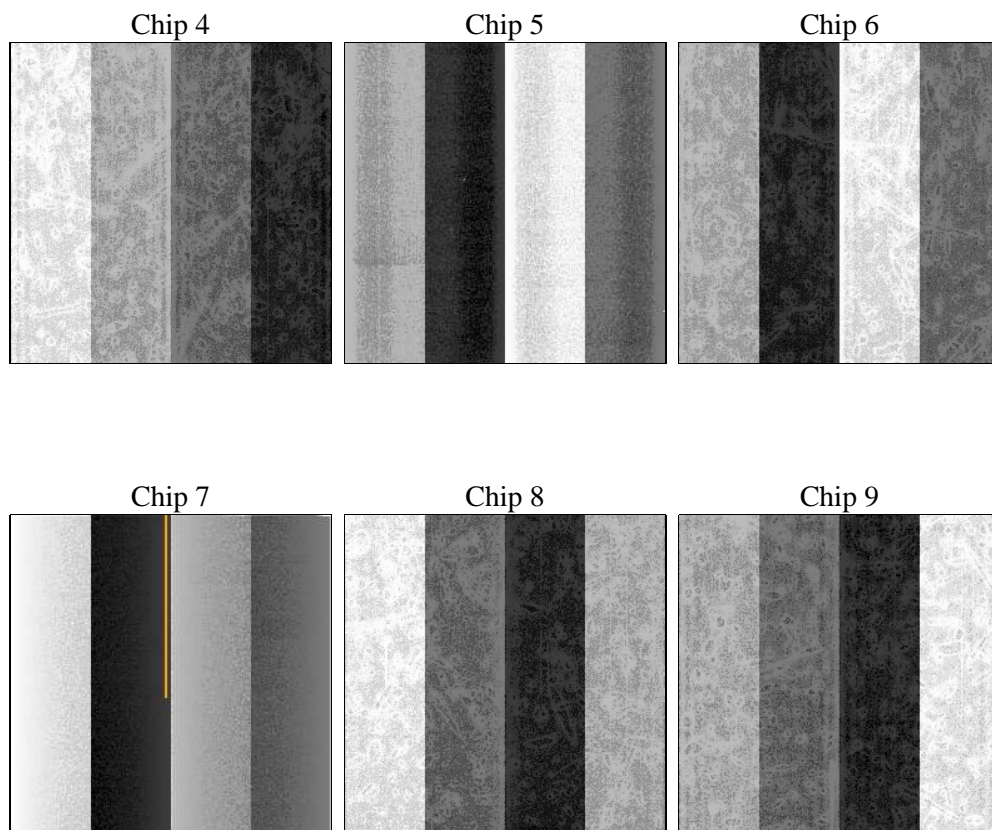
2 OBI

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	7259.1103385091	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2802.6255986691	Sum of GTIs [s]
date	2012-10-12T07:39:14	Date and time of file creation	ontime5	7793.8292936981	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3027.1274881661	Sum of GTIs [s]
			ontime7	7259.1103385091	Sum of GTIs [s]
			ontime8	3072.5020779073	Sum of GTIs [s]
			ontime9	2949.3429463208	Sum of GTIs [s]
			l1events	1445865	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	149415	388594	171502	396165	177970	162219	grade 0 events	73966	87083	83032	92110	85758	78984
rejected events	18975	46619	19393	34239	22348	18727		49%	22%	48%	23%	48%	48%
rejected %	12%	11%	11%	8%	12%	11%	grade 1 events	374	447	372	253	339	349
								0%	0%	0%	0%	0%	0%
							grade 2 events	23128	118546	26495	79883	27682	25248
								15%	30%	15%	20%	15%	15%
							grade 3 events	7878	22520	9439	36854	9796	8810
								5%	5%	5%	9%	5%	5%
							grade 4 events	7985	22451	9322	36867	9754	8736
								5%	5%	5%	9%	5%	5%
							grade 5 events	1223	8778	1551	6917	1613	1431
								0%	2%	0%	1%	0%	0%
							grade 6 events	17483	91375	23821	116212	22632	21714
								11%	23%	13%	29%	12%	13%
							grade 7 events	17378	37394	17470	27069	20396	16947
								11%	9%	10%	6%	11%	10%

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	277.3887457864945	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-23.82298676952496	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	273.946191232374			
[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)	144377529.787	144377528.76201			
Observation start date	2002-07-30T00:52:10	2002-07-30T00:52:08			
[s] Observation end time (MET)	144388392.737	144388391.71245			
Observation end date	2002-07-30T03:53:13	2002-07-30T03:53:11			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.2591103385091

A.2 Comments