

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61638 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 18 2012

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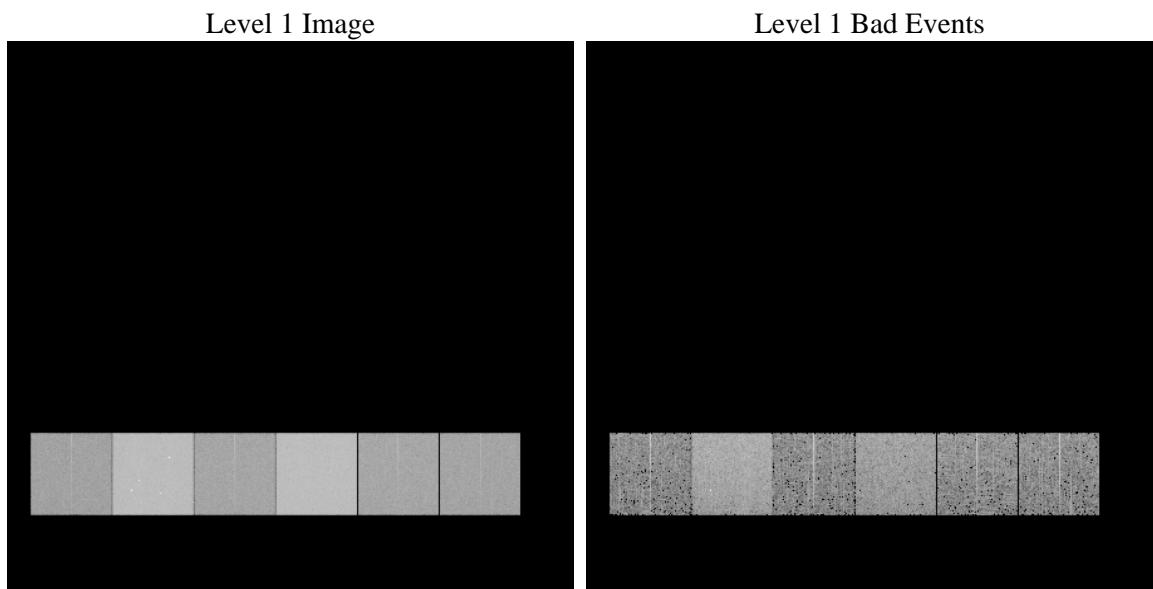
1 Front

seq_num	 	Sequence number
obs_id	61638	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	245.47124647092	Nominal RA [deg]
dec_nom	4.5011550173212	Nominal Dec [deg]
roll_nom	144.94915189404	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5757.069224596	Sum of GTIs [s]
livetime	5684.1697475833	Livetime [s]
ontime4	2250.1815987378	Sum of GTIs [s]
ontime5	6180.6106970608	Sum of GTIs [s]
ontime6	2417.8137204349	Sum of GTIs [s]
ontime7	5757.069224596	Sum of GTIs [s]
ontime8	2482.6344405413	Sum of GTIs [s]
ontime9	2365.9571404159	Sum of GTIs [s]
l2events	1317922	Number of level 2 events

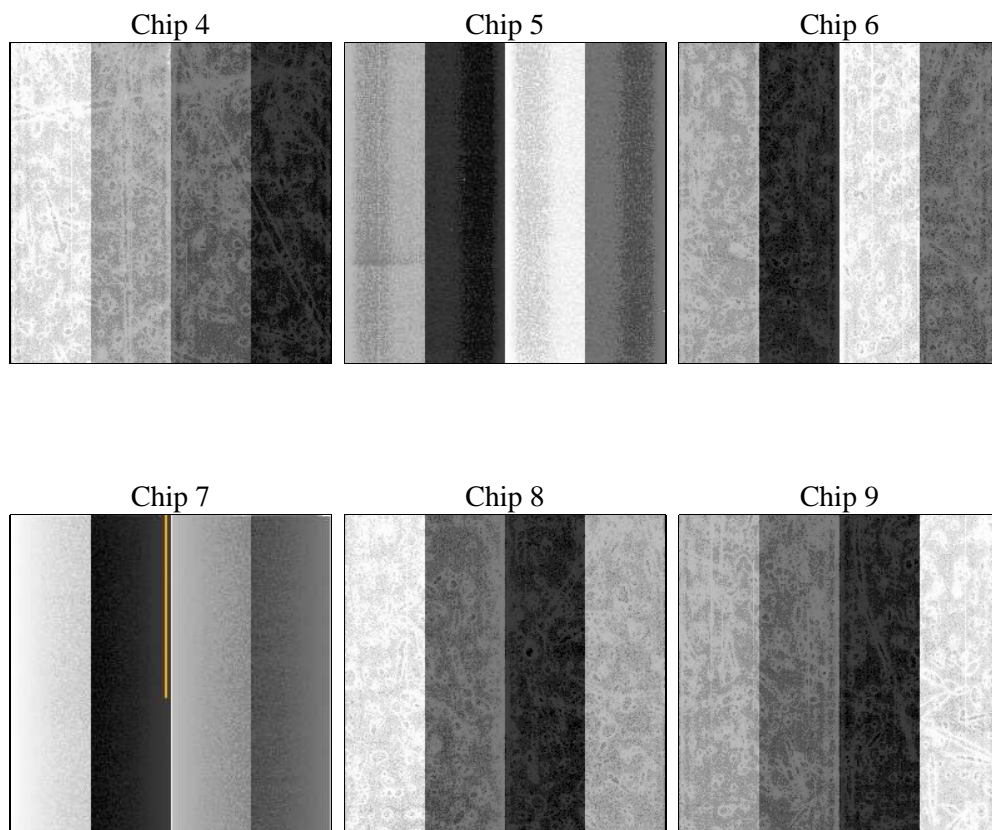
2 OBI

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	5757.069224596	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2250.1815987378	Sum of GTIs [s]
date	2012-09-18T23:23:30	Date and time of file creation	ontime5	6180.6106970608	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2417.8137204349	Sum of GTIs [s]
			ontime7	5757.069224596	Sum of GTIs [s]
			ontime8	2482.6344405413	Sum of GTIs [s]
			ontime9	2365.9571404159	Sum of GTIs [s]
			l1events	1551421	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	163227	411207	185673	422169	192452	176693	grade 0 events	81257	89301	90675	100717	93655	85767
rejected events	21454	50112	21624	35245	24104	22426		49%	21%	48%	23%	48%	48%
rejected %	13%	12%	11%	8%	12%	12%	grade 1 events	451	277	506	269	473	483
								0%	0%	0%	0%	0%	0%
							grade 2 events	25204	130095	28712	86485	30143	27743
								15%	31%	15%	20%	15%	15%
							grade 3 events	8884	23916	10448	39898	10694	9664
								5%	5%	5%	9%	5%	5%
							grade 4 events	8717	23253	10258	39316	10580	9682
								5%	5%	5%	9%	5%	5%
							grade 5 events	1292	9109	1528	6601	1699	1544
								0%	2%	0%	1%	0%	0%
							grade 6 events	19564	99015	25925	125332	25220	23573
								11%	24%	13%	29%	13%	13%
							grade 7 events	17858	36241	17621	23551	19988	18237
								10%	8%	9%	5%	10%	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	245.4712464709169	Alternating exposures requested	N	N
[deg] Pointing Dec	0	4.501155017321218	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	144.9491518940422			
[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)	106028924.194986	106028923.42651			
Observation start date	2001-05-12T04:28:44	2001-05-12T04:28:43			
[s] Observation end time (MET)	106050586.545827	106050585.77735			
Observation end date	2001-05-12T10:29:47	2001-05-12T10:29:45			
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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.757069224596

A.2 Comments