

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61001 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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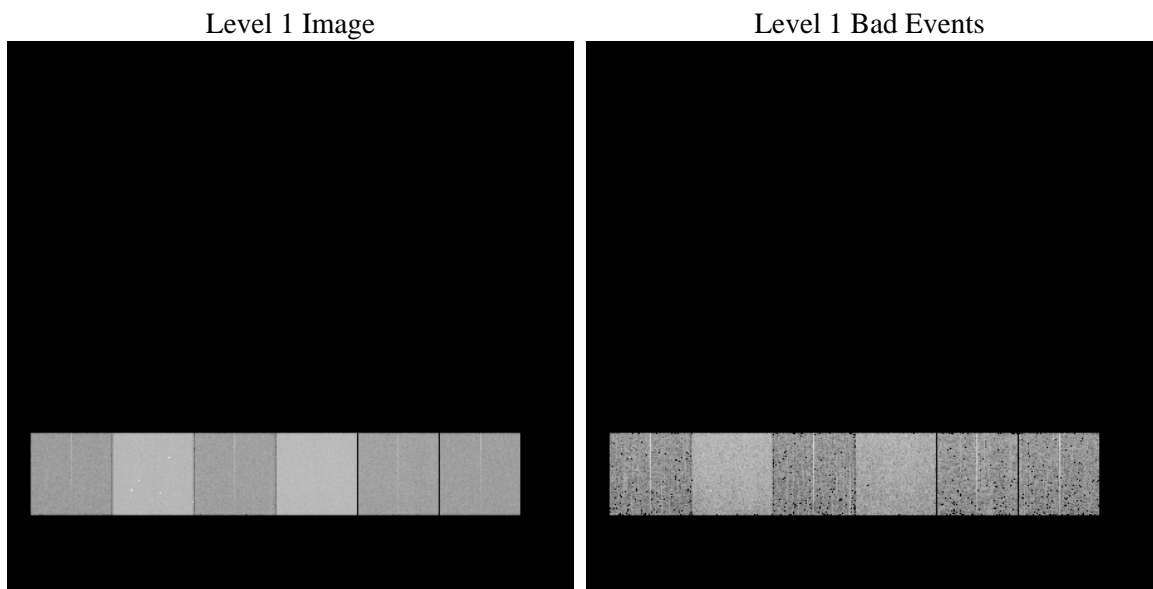
1 Front

seq_num	 	Sequence number
obs_id	61001	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	0.023799677239174	Nominal RA [deg]
dec_nom	-0.01586819357649	Nominal Dec [deg]
roll_nom	293.48299505548	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8459.5814370513	Sum of GTIs [s]
livetime	8352.461123147	Livetime [s]
ontime4	2923.4149737656	Sum of GTIs [s]
ontime5	8459.540397048	Sum of GTIs [s]
ontime6	3215.1074171066	Sum of GTIs [s]
ontime7	8459.5814370513	Sum of GTIs [s]
ontime8	3354.4720572233	Sum of GTIs [s]
ontime9	3157.3760914207	Sum of GTIs [s]
l2events	1291435	Number of level 2 events

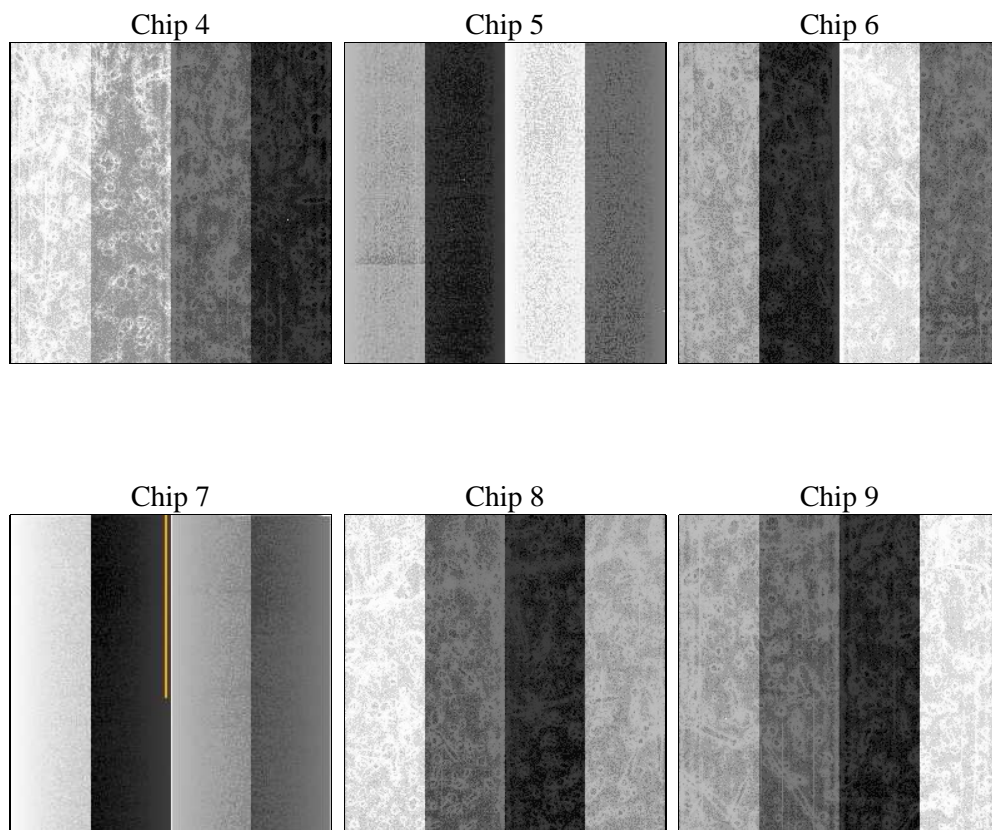
2 OBI

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	8459.5814370513	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2923.4149737656	Sum of GTIs [s]
date	2012-10-15T16:51:14	Date and time of file creation	ontime5	8459.540397048	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3215.1074171066	Sum of GTIs [s]
			ontime7	8459.5814370513	Sum of GTIs [s]
			ontime8	3354.4720572233	Sum of GTIs [s]
			ontime9	3157.3760914207	Sum of GTIs [s]
			l1events	1553246	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	152203	414905	177147	451694	188812	168485	grade 0 events	74892	84964	83556	101190	88414	80373
rejected events	23452	58321	23832	47081	27096	23904		49%	20%	47%	22%	46%	47%
rejected %	15%	14%	13%	10%	14%	14%	grade 1 events	582	288	432	262	473	472
								0%	0%	0%	0%	0%	0%
							grade 2 events	20634	127189	26401	89386	28438	24718
								13%	30%	14%	19%	15%	14%
							grade 3 events	8389	22708	9539	41012	10434	9153
								5%	5%	5%	9%	5%	5%
							grade 4 events	8411	22278	9578	40849	10289	9225
								5%	5%	5%	9%	5%	5%
							grade 5 events	1585	10187	1773	9002	2048	1806
								1%	2%	1%	1%	1%	1%
							grade 6 events	16425	99559	24241	132351	24141	21260
								10%	23%	13%	29%	12%	12%
							grade 7 events	21285	47732	21627	37642	24575	21478
								13%	11%	12%	8%	13%	12%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	0.02379967723917413
[deg] Pointing Dec	0	-0.01586819357649041
[deg] Pointing Roll	0.0	293.4829950554758
[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)	150810626.85235	150810625.82764
Observation start date	2002-10-12T11:50:27	2002-10-12T11:50:25
[s] Observation end time (MET)	150831936.603233	150831935.57852
Observation end date	2002-10-12T17:45:37	2002-10-12T17:45:35
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4595814370513

A.2 Comments