

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61766 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 7 2012

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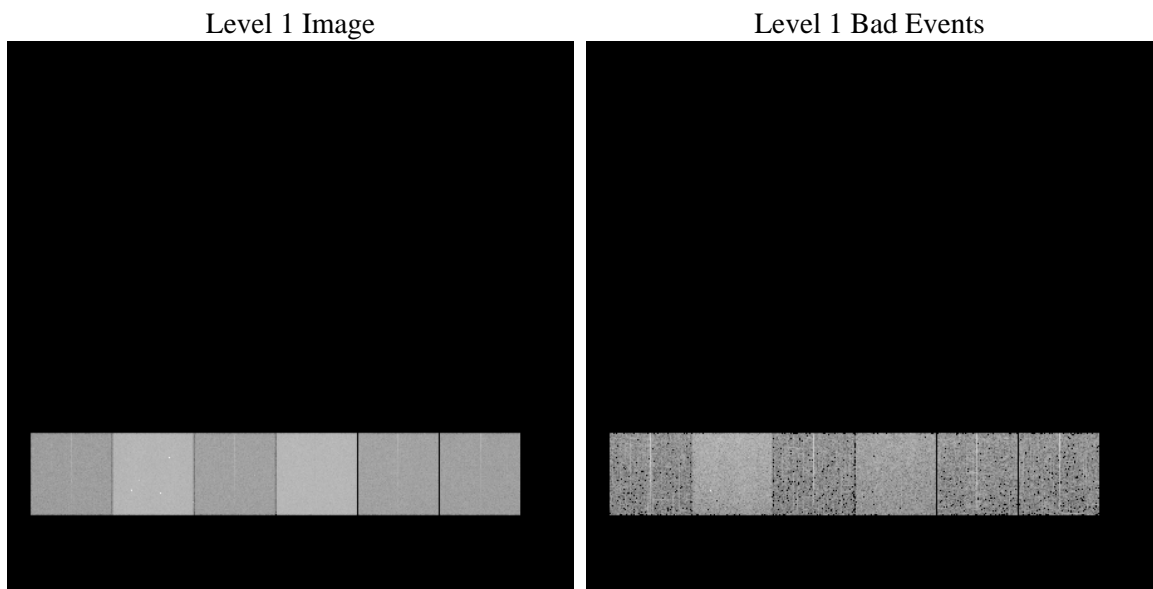
1 Front

seq_num	 	Sequence number
obs_id	61766	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	353.93240824245	Nominal RA [deg]
dec_nom	32.391395911147	Nominal Dec [deg]
roll_nom	309.9828121066	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5257.756802991	Sum of GTIs [s]
livetime	5191.1799205105	Livetime [s]
ontime4	2187.7001098394	Sum of GTIs [s]
ontime5	5658.812706098	Sum of GTIs [s]
ontime6	2330.3057497889	Sum of GTIs [s]
ontime7	5257.756802991	Sum of GTIs [s]
ontime8	2417.8135503829	Sum of GTIs [s]
ontime9	2289.0373335481	Sum of GTIs [s]
l2events	1331595	Number of level 2 events

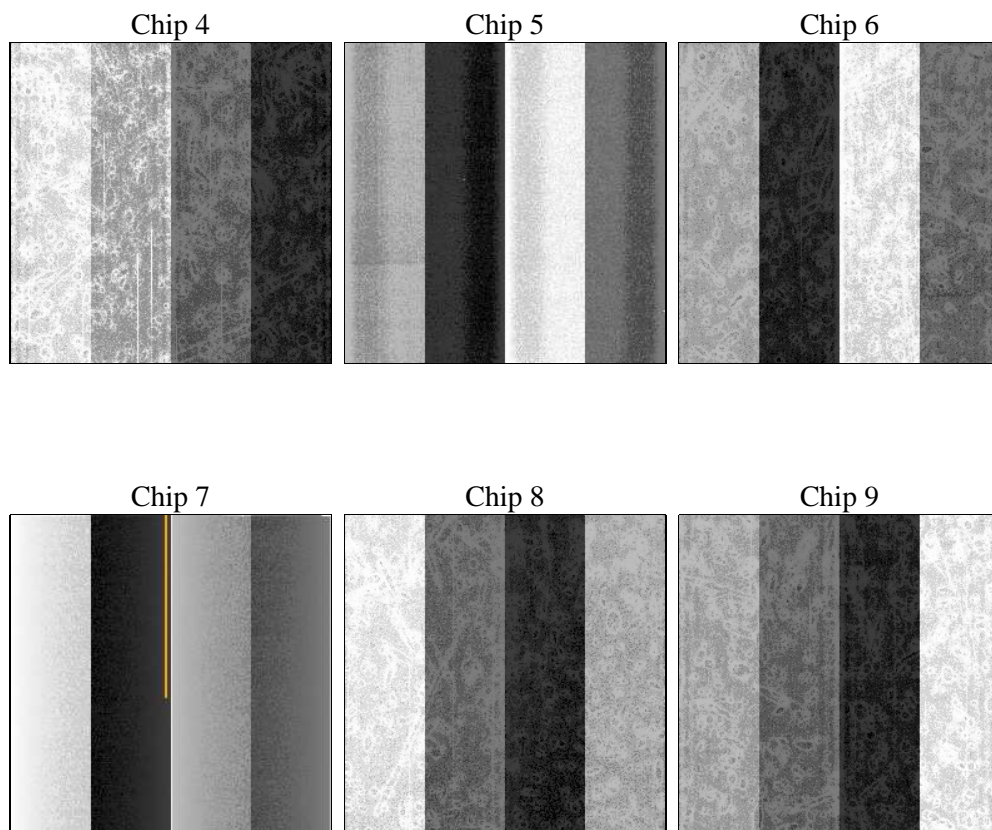
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5257.756802991	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2187.7001098394	Sum of GTIs [s]
date	2012-09-07T04:29:20	Date and time of file creation	ontime5	5658.812706098	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2330.3057497889	Sum of GTIs [s]
			ontime7	5257.756802991	Sum of GTIs [s]
			ontime8	2417.8135503829	Sum of GTIs [s]
			ontime9	2289.0373335481	Sum of GTIs [s]
			l1events	1550767	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	168766	398934	191749	410784	198138	182396	grade 0 events	85070	90184	94578	98942	98206	89859
rejected events	20479	44272	20256	30772	22093	20343		50%	22%	49%	24%	49%	49%
rejected %	12%	11%	10%	7%	11%	11%	grade 1 events	463	297	506	281	491	461
								0%	0%	0%	0%	0%	0%
							grade 2 events	26383	126436	30134	84979	31228	29161
								15%	31%	15%	20%	15%	15%
							grade 3 events	9161	23390	10583	39581	11326	10210
								5%	5%	5%	9%	5%	5%
							grade 4 events	9188	23135	10560	39144	11277	10172
								5%	5%	5%	9%	5%	5%
							grade 5 events	1285	8356	1480	5991	1632	1448
								0%	2%	0%	1%	0%	0%
							grade 6 events	20085	95474	27025	121611	25873	24448
								11%	23%	14%	29%	13%	13%
							grade 7 events	17131	31662	16883	20255	18105	16637
								10%	7%	8%	4%	9%	9%

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	353.9324082424503
[deg] Pointing Dec	0	32.39139591114702
[deg] Pointing Roll	0.0	309.9828121065978
[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)	96432984.524	96432983.75549001
Observation start date	2001-01-21T02:56:25	2001-01-21T02:56:23
[s] Observation end time (MET)	96454769.875	96454769.106327
Observation end date	2001-01-21T08:59:30	2001-01-21T08:59:29
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	0.000000	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)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.257756802991

A.2 Comments