

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57246 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 2 2012

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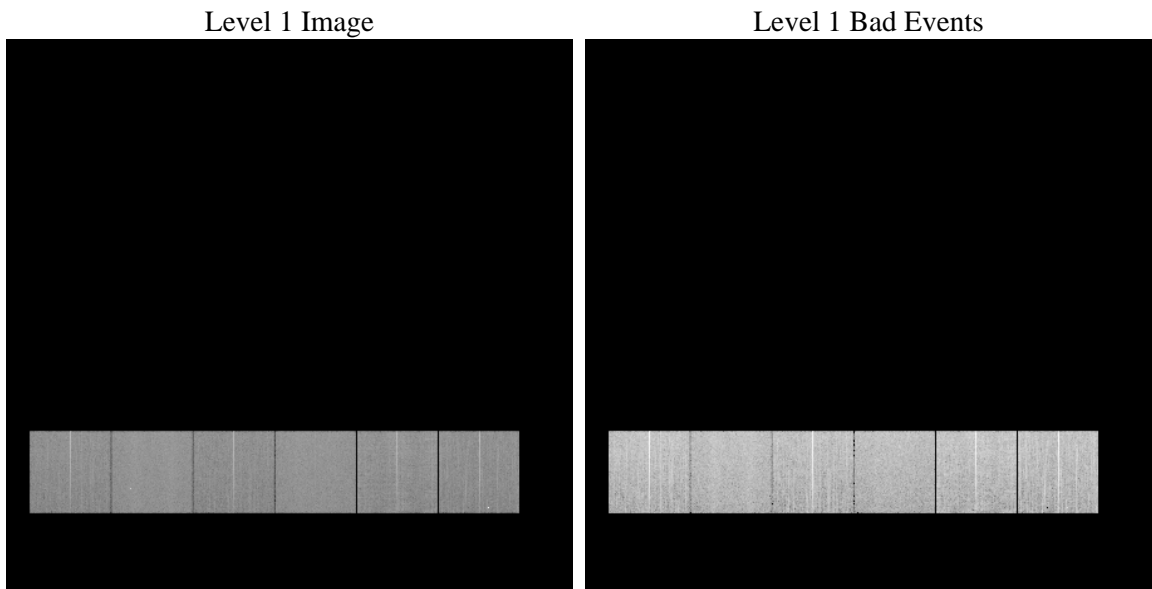
1 Front

seq_num	 	Sequence number
obs_id	57246	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	180.01291105436	Nominal RA [deg]
dec_nom	-15.47415813289	Nominal Dec [deg]
roll_nom	31.414011241769	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7848.3219079971	Sum of GTIs [s]
livetime	7748.941730306	Livetime [s]
ontime4	7848.1987879872	Sum of GTIs [s]
ontime5	7848.2808679938	Sum of GTIs [s]
ontime6	7848.2398279905	Sum of GTIs [s]
ontime7	7848.3219079971	Sum of GTIs [s]
ontime8	7844.9167377353	Sum of GTIs [s]
ontime9	7848.3629480004	Sum of GTIs [s]
l2events	507647	Number of level 2 events

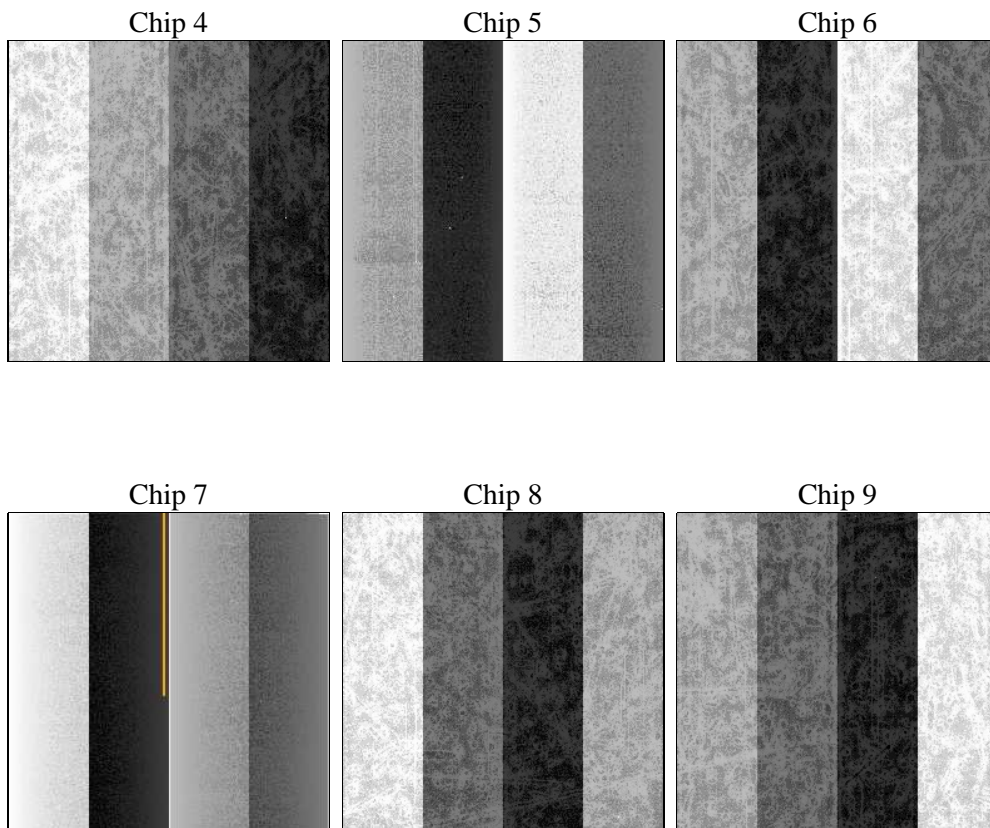
2 OBI

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	8.4.4	Processing system revision	ontime	7848.3219079971	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7848.1987879872	Sum of GTIs [s]
date	2012-06-02T06:13:28	Date and time of file creation	ontime5	7848.2808679938	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7848.2398279905	Sum of GTIs [s]
			ontime7	7848.3219079971	Sum of GTIs [s]
			ontime8	7844.9167377353	Sum of GTIs [s]
			ontime9	7848.3629480004	Sum of GTIs [s]
			l1events	1019336	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	157344	183967	156685	181548	176701	163091	grade 0 events	43167	12864	40808	20561	45883	43650
rejected events	82539	73056	77099	68504	84493	83273		27%	6%	26%	11%	25%	26%
rejected %	52%	39%	49%	37%	47%	51%	grade 1 events	472	216	263	155	317	367
								0%	0%	0%	0%	0%	0%
							grade 2 events	11089	42156	15213	24850	17115	13426
								7%	22%	9%	13%	9%	8%
							grade 3 events	5403	4341	5094	9966	6648	5300
								3%	2%	3%	5%	3%	3%
							grade 4 events	5297	4150	5010	9730	6450	5069
								3%	2%	3%	5%	3%	3%
							grade 5 events	3953	8681	4107	10488	5373	4694
								2%	4%	2%	5%	3%	2%
							grade 6 events	9849	47400	13461	47937	16112	12373
								6%	25%	8%	26%	9%	7%
							grade 7 events	78114	64159	72729	57861	78803	78212
								49%	34%	46%	31%	44%	47%

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	180.0129110543601
[deg] Pointing Dec	0	-15.47415813289044
[deg] Pointing Roll	0.0	31.41401124176922
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	352787102.70174	352787101.67674
Observation start date	2009-03-07T04:25:03	2009-03-07T04:25:01
[s] Observation end time (MET)	352798293.652295	352798292.6273
Observation end date	2009-03-07T07:31:34	2009-03-07T07:31:32
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.8483219079971

A.2 Comments