

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57815 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 14 2012

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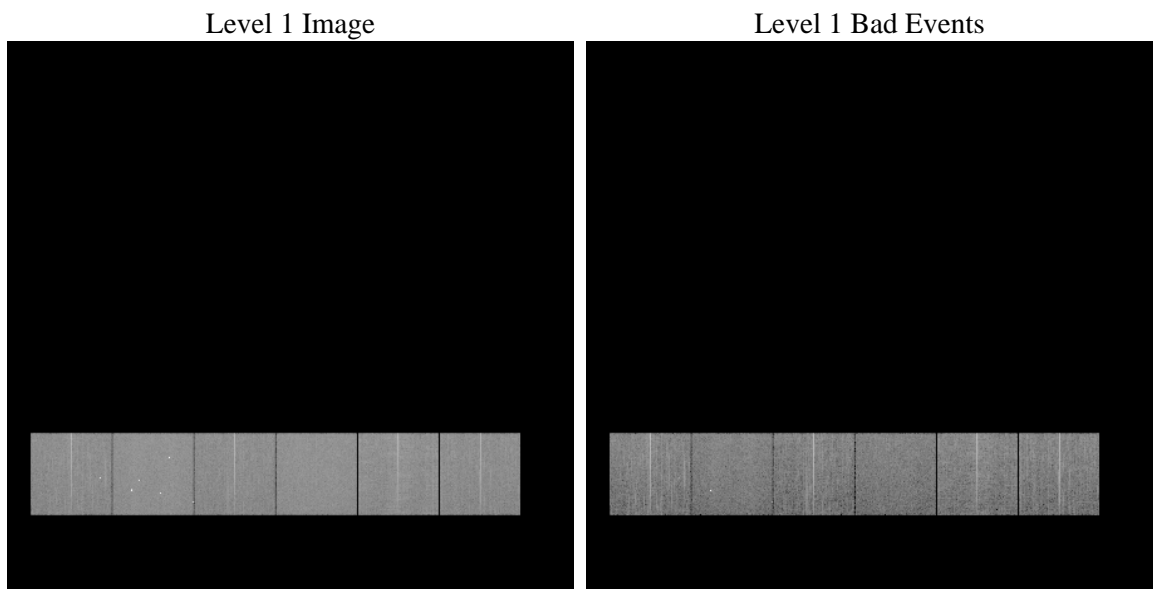
1 Front

seq_num	 	Sequence number
obs_id	57815	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	208.99527564017	Nominal RA [deg]
dec_nom	0.97164089481009	Nominal Dec [deg]
roll_nom	227.58555880542	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8274.8034662604	Sum of GTIs [s]
livetime	8170.0229222822	Livetime [s]
ontime4	8274.6803462505	Sum of GTIs [s]
ontime5	8274.7624262571	Sum of GTIs [s]
ontime6	8274.7213862538	Sum of GTIs [s]
ontime7	8274.8034662604	Sum of GTIs [s]
ontime8	8274.6393062472	Sum of GTIs [s]
ontime9	8274.8445062637	Sum of GTIs [s]
l2events	620564	Number of level 2 events

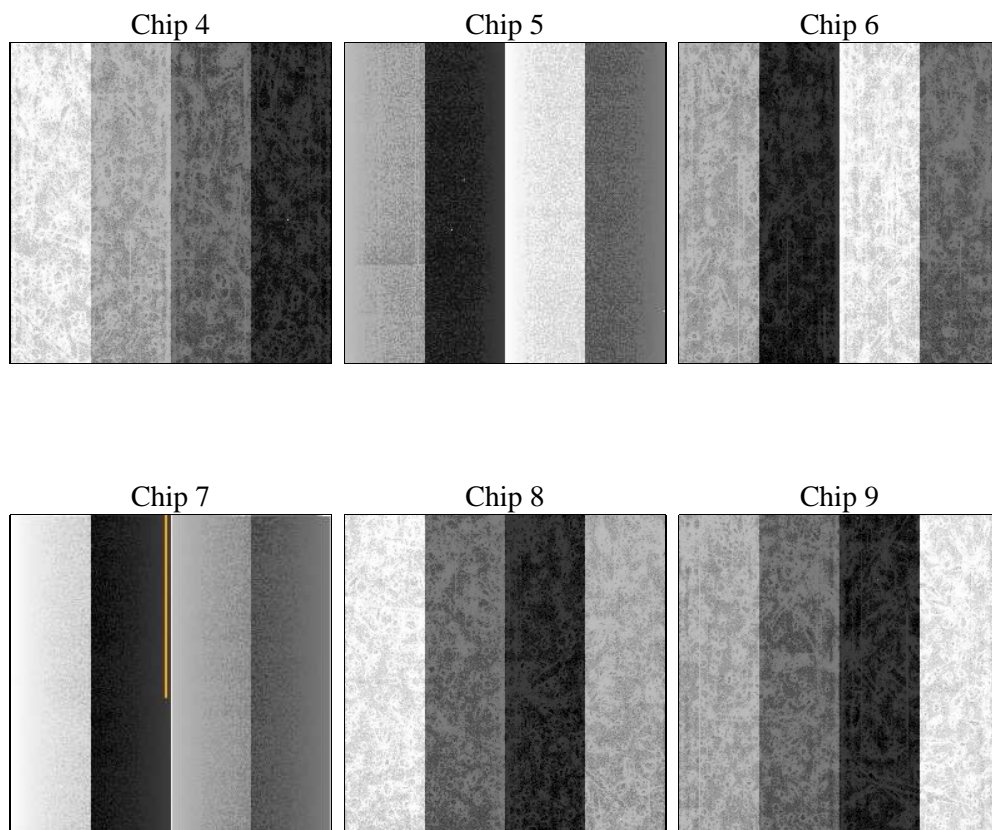
2 OBI

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	8274.8034662604	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8274.6803462505	Sum of GTIs [s]
date	2012-05-15T01:53:19	Date and time of file creation	ontime5	8274.7624262571	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8274.7213862538	Sum of GTIs [s]
			ontime7	8274.8034662604	Sum of GTIs [s]
			ontime8	8274.6393062472	Sum of GTIs [s]
			ontime9	8274.8445062637	Sum of GTIs [s]
			l1events	1134531	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	180276	207588	176193	197306	196689	176479	grade 0 events	56359	24143	53747	25940	58322	53168
rejected events	84010	72854	74637	65710	82661	78192		31%	11%	30%	13%	29%	30%
rejected %	46%	35%	42%	33%	42%	44%	grade 1 events	575	292	290	145	367	394
								0%	0%	0%	0%	0%	0%
							grade 2 events	14619	48593	18011	29033	20759	16765
								8%	23%	10%	14%	10%	9%
							grade 3 events	6478	5764	6537	12152	7968	6514
								3%	2%	3%	6%	4%	3%
							grade 4 events	6403	5559	6435	11998	7813	6476
								3%	2%	3%	6%	3%	3%
							grade 5 events	4105	10023	4251	10498	5500	4700
								2%	4%	2%	5%	2%	2%
							grade 6 events	12435	50716	16869	52520	19208	15397
								6%	24%	9%	26%	9%	8%
							grade 7 events	79302	62498	70053	55020	76752	73065
								43%	30%	39%	27%	39%	41%

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	208.9952756401742
[deg] Pointing Dec	0	0.97164089481009
[deg] Pointing Roll	0.0	227.5855588054229
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	327190972.33194	327190971.30694
Observation start date	2008-05-14T22:22:52	2008-05-14T22:22:51
[s] Observation end time (MET)	327212284.132979	327212283.10798
Observation end date	2008-05-15T04:18:04	2008-05-15T04:18:03
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2748034662604

A.2 Comments