

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57723 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 17 2012

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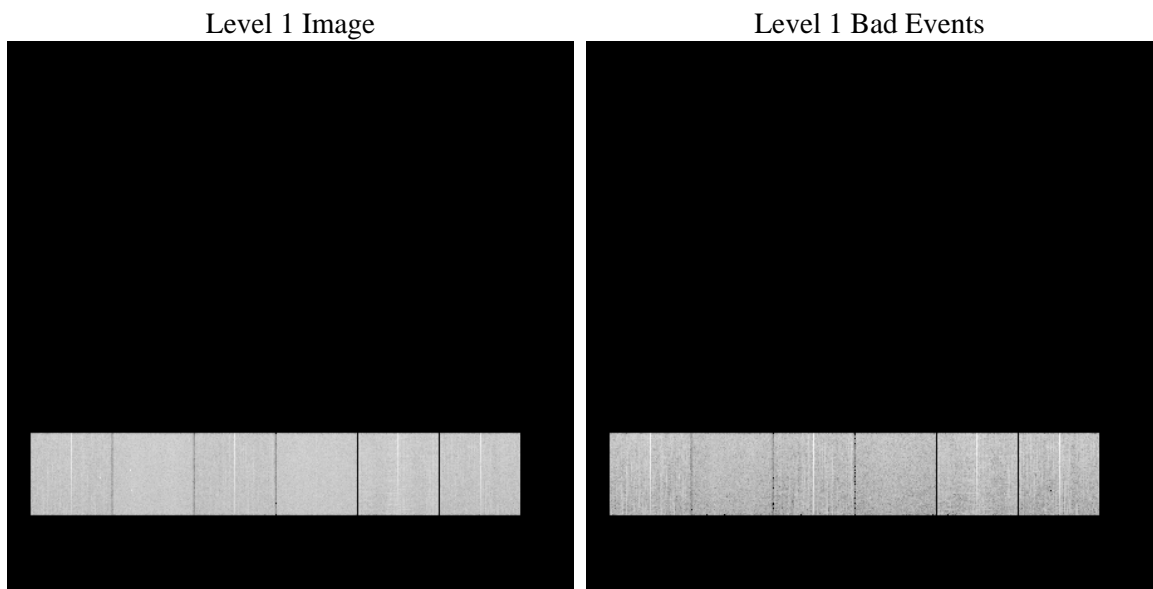
1 Front

seq_num	 	Sequence number
obs_id	57723	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	263.24186067224	Nominal RA [deg]
dec_nom	-46.802052870024	Nominal Dec [deg]
roll_nom	323.04341850513	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7356.3515359163	Sum of GTIs [s]
livetime	7263.2009833055	Livetime [s]
ontime4	7356.2284159064	Sum of GTIs [s]
ontime5	7356.310495913	Sum of GTIs [s]
ontime6	7356.2694559097	Sum of GTIs [s]
ontime7	7356.3515359163	Sum of GTIs [s]
ontime8	7356.1873759031	Sum of GTIs [s]
ontime9	7356.3925759196	Sum of GTIs [s]
l2events	540243	Number of level 2 events

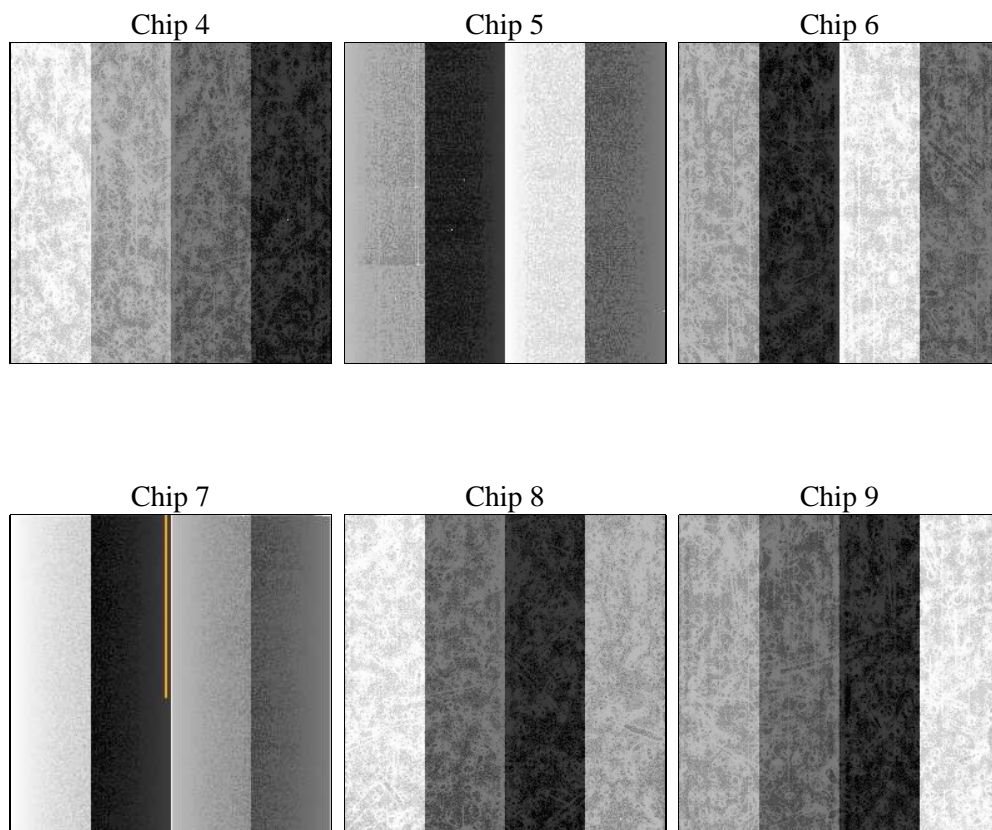
2 OBI

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	7356.3515359163	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7356.2284159064	Sum of GTIs [s]
date	2012-05-17T15:56:40	Date and time of file creation	ontime5	7356.310495913	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7356.2694559097	Sum of GTIs [s]
			ontime7	7356.3515359163	Sum of GTIs [s]
			ontime8	7356.1873759031	Sum of GTIs [s]
			ontime9	7356.3925759196	Sum of GTIs [s]
			l1events	993837	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	156832	175019	155467	175018	174868	156633	grade 0 events	47309	15150	46181	22571	50959	46024
rejected events	75236	63624	67554	59146	74870	71320		30%	8%	29%	12%	29%	29%
rejected %	47%	36%	43%	33%	42%	45%	grade 1 events	494	173	280	159	330	344
								0%	0%	0%	0%	0%	0%
							grade 2 events	12664	42504	15958	25650	18345	14803
								8%	24%	10%	14%	10%	9%
							grade 3 events	5720	5035	5602	10834	7194	5632
								3%	2%	3%	6%	4%	3%
							grade 4 events	5800	4656	5660	10696	7179	5777
								3%	2%	3%	6%	4%	3%
							grade 5 events	3702	8109	3699	9352	5033	4043
								2%	4%	2%	5%	2%	2%
							grade 6 events	10510	44631	14922	46689	16774	13480
								6%	25%	9%	26%	9%	8%
							grade 7 events	70633	54761	63165	49067	69054	66530
								45%	31%	40%	28%	39%	42%

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	263.2418606722385	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-46.80205287002434	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	323.0434185051307			
[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)	331311324.933206	331311323.90821			
Observation start date	2008-07-01T14:55:25	2008-07-01T14:55:23			
[s] Observation end time (MET)	331321863.983722	331321862.95873			
Observation end date	2008-07-01T17:51:04	2008-07-01T17:51:02			
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)	2012.05.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.3563515359163

A.2 Comments