

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58151 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 3 2012

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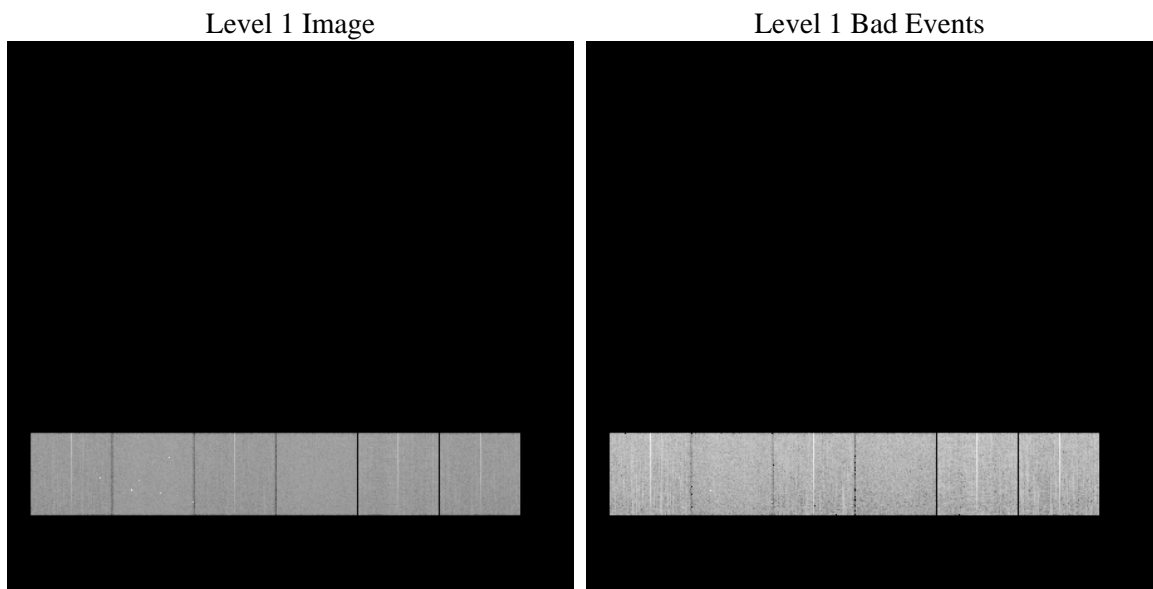
1 Front

seq_num	 	Sequence number
obs_id	58151	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	25.966942355435	Nominal RA [deg]
dec_nom	45.982721525366	Nominal Dec [deg]
roll_nom	184.09109431342	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7340.799972713	Sum of GTIs [s]
livetime	7247.8463433594	Livetime [s]
ontime4	7340.799972713	Sum of GTIs [s]
ontime5	7340.799972713	Sum of GTIs [s]
ontime6	7340.799972713	Sum of GTIs [s]
ontime7	7340.799972713	Sum of GTIs [s]
ontime8	7340.799972713	Sum of GTIs [s]
ontime9	7340.799972713	Sum of GTIs [s]
l2events	640928	Number of level 2 events

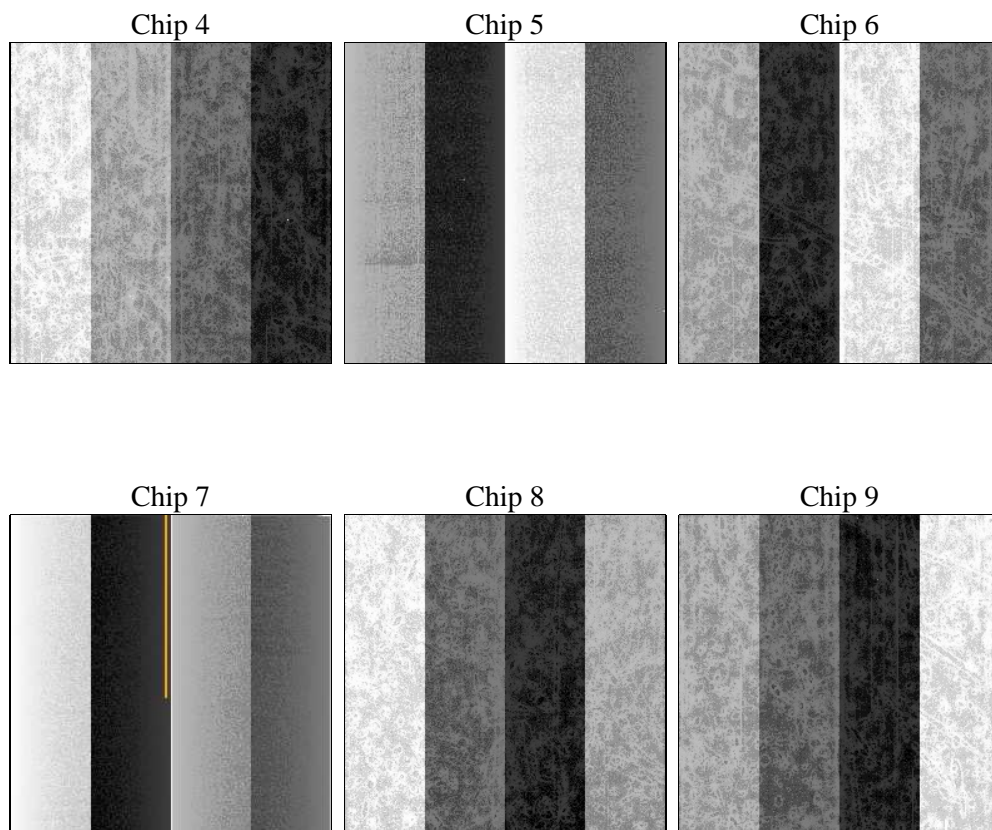
2 OBI

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	7340.799972713	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7340.799972713	Sum of GTIs [s]
date	2012-05-03T16:19:28	Date and time of file creation	ontime5	7340.799972713	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7340.799972713	Sum of GTIs [s]
			ontime7	7340.799972713	Sum of GTIs [s]
			ontime8	7340.799972713	Sum of GTIs [s]
			ontime9	7340.799972713	Sum of GTIs [s]
			l1events	1091475	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	173330	190801	173017	189952	191271	173104	grade 0 events	58272	22871	56489	28043	60246	56042
rejected events	71778	62262	66313	56872	73290	69332		33%	11%	32%	14%	31%	32%
rejected %	41%	32%	38%	29%	38%	40%	grade 1 events	586	260	348	153	417	447
								0%	0%	0%	0%	0%	0%
							grade 2 events	15966	46152	18674	29046	21439	17652
								9%	24%	10%	15%	11%	10%
							grade 3 events	7101	6383	6854	12643	8085	6988
								4%	3%	3%	6%	4%	4%
							grade 4 events	6893	6287	6785	12325	7954	6810
								3%	3%	3%	6%	4%	3%
							grade 5 events	3722	8798	3798	9459	4971	4337
								2%	4%	2%	4%	2%	2%
							grade 6 events	13375	46909	17946	51075	20298	16315
								7%	24%	10%	26%	10%	9%
							grade 7 events	67415	53141	62123	47208	67861	64513
								38%	27%	35%	24%	35%	37%

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	25.96694235543512	Alternating exposures requested	N	N
[deg] Pointing Dec	0	45.98272152536627	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	184.0910943134231			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	309823941.389536	309823940.36455			
Observation start date	2007-10-26T22:12:21	2007-10-26T22:12:20			
[s] Observation end time (MET)	309849627.890776	309849626.86578			
Observation end date	2007-10-27T05:20:28	2007-10-27T05:20:26			
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)	2012.05.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.340799972713

A.2 Comments