

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56460 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 21 2012

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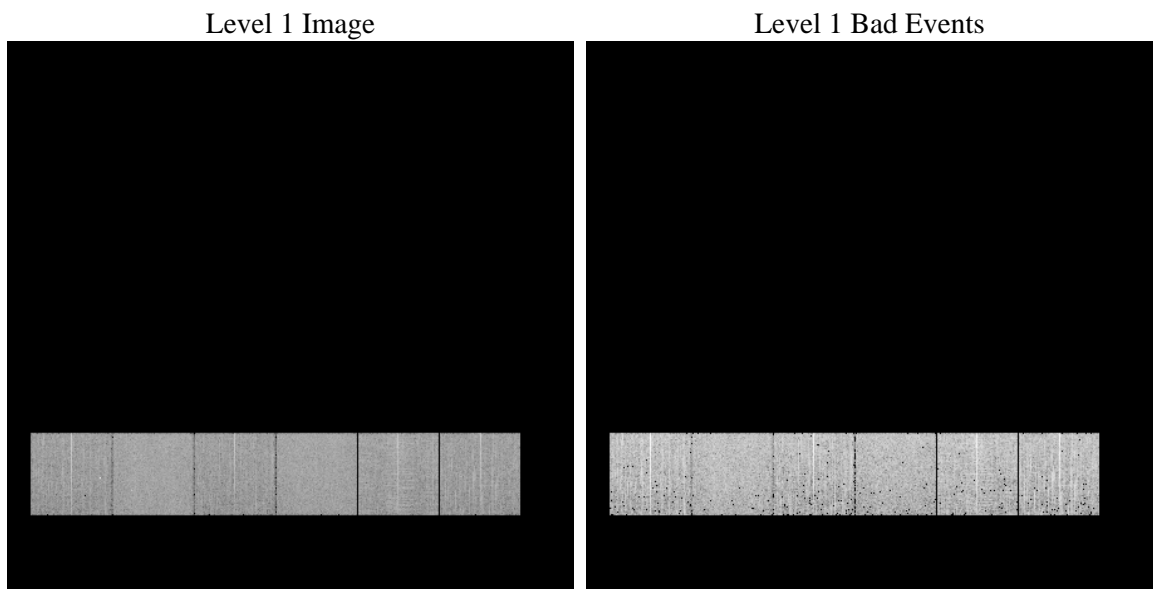
1 Front

seq_num	 	Sequence number
obs_id	56460	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	148.9700618269	Nominal RA [deg]
dec_nom	38.485692223012	Nominal Dec [deg]
roll_nom	163.56974173245	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3455.999987185	Sum of GTIs [s]
livetime	3412.2380343939	Livetime [s]
ontime4	3455.999987185	Sum of GTIs [s]
ontime5	3455.999987185	Sum of GTIs [s]
ontime6	3455.999987185	Sum of GTIs [s]
ontime7	3455.999987185	Sum of GTIs [s]
ontime8	3455.999987185	Sum of GTIs [s]
ontime9	3455.999987185	Sum of GTIs [s]
l2events	188681	Number of level 2 events

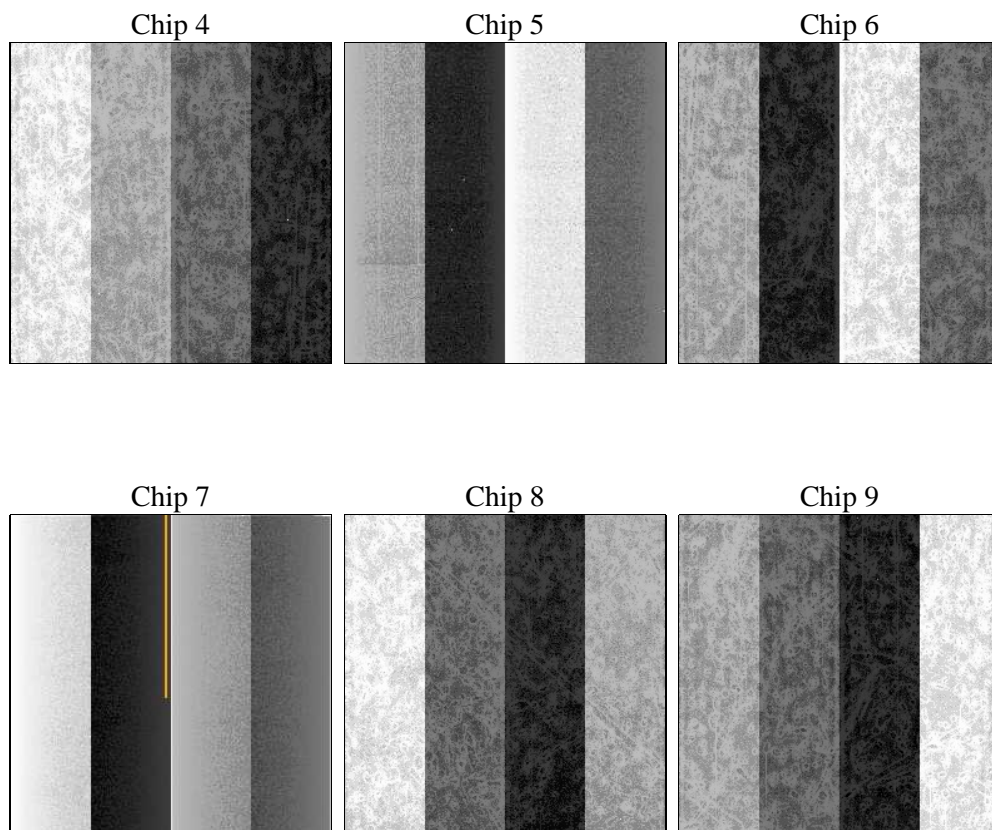
2 OBI

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	8.4.5	Processing system revision	ontime	3455.999987185	Sum of GTIs [s]
caldsver	4.4.10	 	ontime4	3455.999987185	Sum of GTIs [s]
date	2012-06-21T04:48:03	Date and time of file creation	ontime5	3455.999987185	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3455.999987185	Sum of GTIs [s]
			ontime7	3455.999987185	Sum of GTIs [s]
			ontime8	3455.999987185	Sum of GTIs [s]
			ontime9	3455.999987185	Sum of GTIs [s]
			l1events	399922	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	61773	73828	60638	72193	68848	62642	grade 0 events	15992	4878	15031	7653	16756	14990
rejected events	34329	30588	31550	28858	34307	34552		25%	6%	24%	10%	24%	23%
rejected %	55%	41%	52%	39%	49%	55%	grade 1 events	145	86	80	70	132	108
								0%	0%	0%	0%	0%	0%
							grade 2 events	4192	16010	5326	9504	6599	4924
								6%	21%	8%	13%	9%	7%
							grade 3 events	1875	1683	1966	3830	2520	1898
								3%	2%	3%	5%	3%	3%
							grade 4 events	1882	1759	1868	3925	2510	1966
								3%	2%	3%	5%	3%	3%
							grade 5 events	1721	3906	1731	4607	2416	2018
								2%	5%	2%	6%	3%	3%
							grade 6 events	3529	18944	4923	18460	6177	4334
								5%	25%	8%	25%	8%	6%
							grade 7 events	32437	26562	29713	24144	31738	32404
								52%	35%	49%	33%	46%	51%

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	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	148.9700618268984	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	38.48569222301205	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	163.5697417324456	[s] Primary exposure time	3.2	3.2
[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)	382030227.068209	382030226.04321			
Observation start date	2010-02-08T15:30:27	2010-02-08T15:30:26			
[s] Observation end time (MET)	382037250.368564	382037249.34356			
Observation end date	2010-02-08T17:27:30	2010-02-08T17:27:29			
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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.455999987185

A.2 Comments