

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57458 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 25 2012

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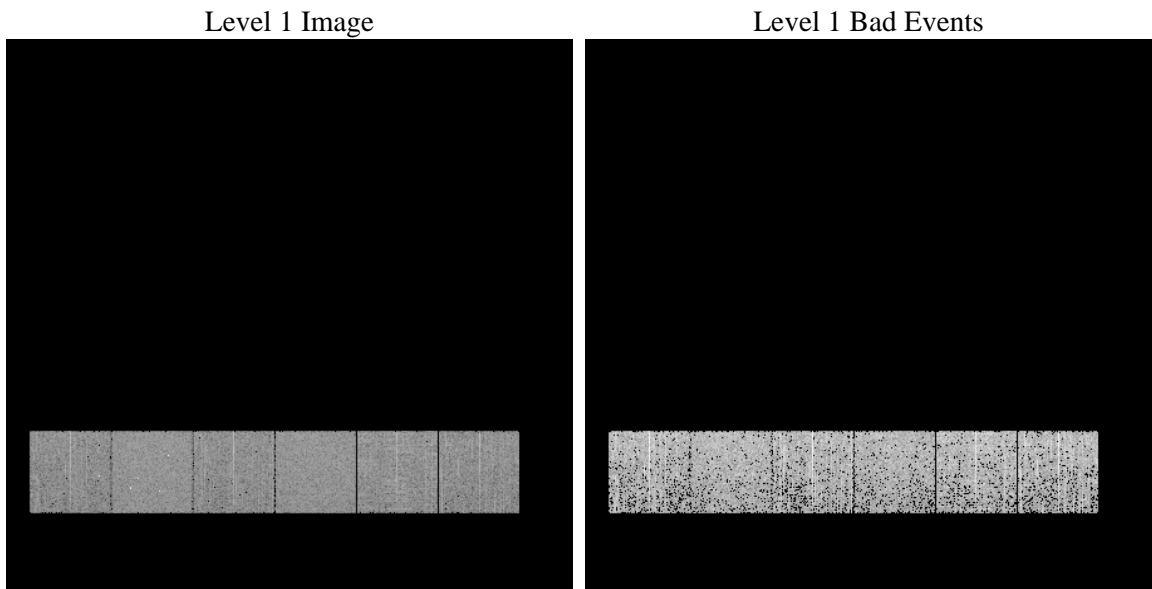
1 Front

seq_num	 	Sequence number
obs_id	57458	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	103.20070062555	Nominal RA [deg]
dec_nom	7.2287005316411	Nominal Dec [deg]
roll_nom	55.699489334495	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1628.7999939919	Sum of GTIs [s]
livetime	1608.1751477223	Livetime [s]
ontime4	1628.7999939919	Sum of GTIs [s]
ontime5	1628.7999939919	Sum of GTIs [s]
ontime6	1628.7999939919	Sum of GTIs [s]
ontime7	1628.7999939919	Sum of GTIs [s]
ontime8	1628.7999939919	Sum of GTIs [s]
ontime9	1628.7999939919	Sum of GTIs [s]
l2events	113883	Number of level 2 events

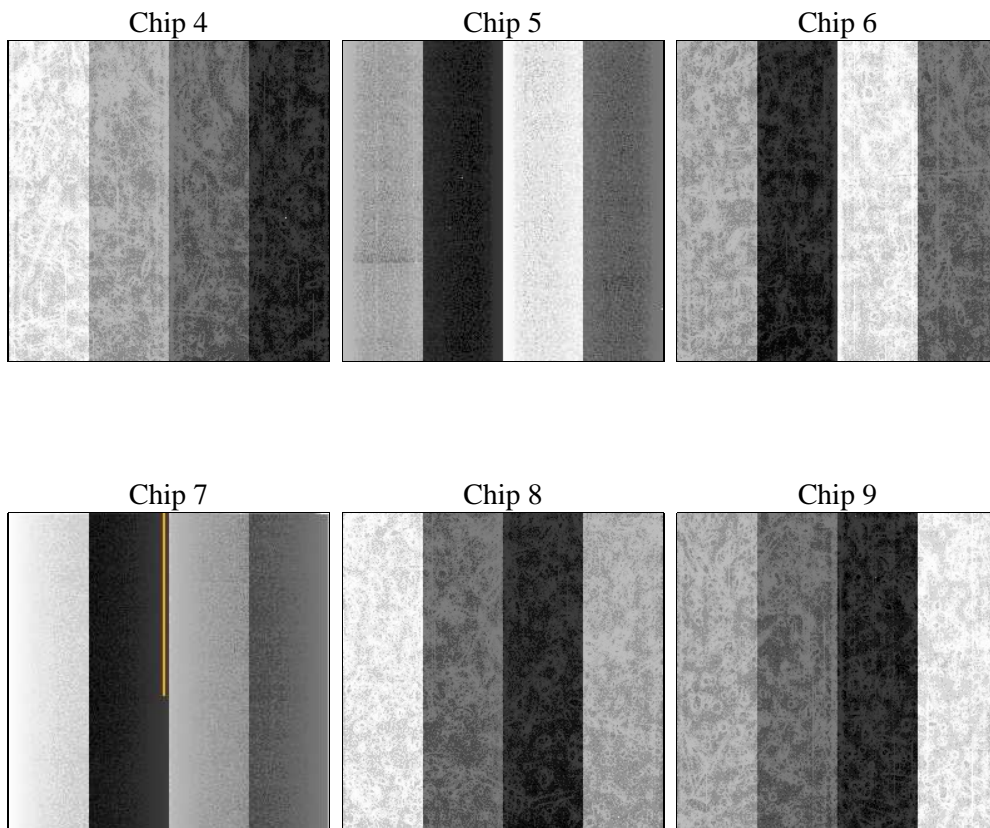
2 OBI

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	1628.7999939919	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	1628.7999939919	Sum of GTIs [s]
date	2012-05-25T22:19:22	Date and time of file creation	ontime5	1628.7999939919	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	1628.7999939919	Sum of GTIs [s]
			ontime7	1628.7999939919	Sum of GTIs [s]
			ontime8	1628.7999939919	Sum of GTIs [s]
			ontime9	1628.7999939919	Sum of GTIs [s]
			l1events	215929	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	32949	39689	33841	38057	37572	33821	grade 0 events	9954	4733	9457	4820	10568	9427
rejected events	15538	14292	15625	13251	16372	16205		30%	11%	27%	12%	28%	27%
rejected %	47%	36%	46%	34%	43%	47%	grade 1 events	104	74	54	32	84	88
								0%	0%	0%	0%	0%	0%
							grade 2 events	2792	8732	3380	5497	3977	2953
								8%	22%	9%	14%	10%	8%
							grade 3 events	1220	1241	1155	2255	1531	1197
								3%	3%	3%	5%	4%	3%
							grade 4 events	1204	1128	1173	2341	1504	1178
								3%	2%	3%	6%	4%	3%
							grade 5 events	845	1959	925	2212	1125	964
								2%	4%	2%	5%	2%	2%
							grade 6 events	2241	9563	3051	9893	3620	2861
								6%	24%	9%	25%	9%	8%
							grade 7 events	14589	12259	14646	11007	15163	15153
								44%	30%	43%	28%	40%	44%

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	103.2007006255485	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	7.228700531641094	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	55.69948933449518	[s] Primary exposure time	3.2	3.2
[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)	345207061.27635	345207060.25135			
Observation start date	2008-12-09T10:51:01	2008-12-09T10:51:00			
[s] Observation end time (MET)	345238926.477926	345238925.45292			
Observation end date	2008-12-09T19:42:06	2008-12-09T19:42:05			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.6287999939919

A.2 Comments