

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58450 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

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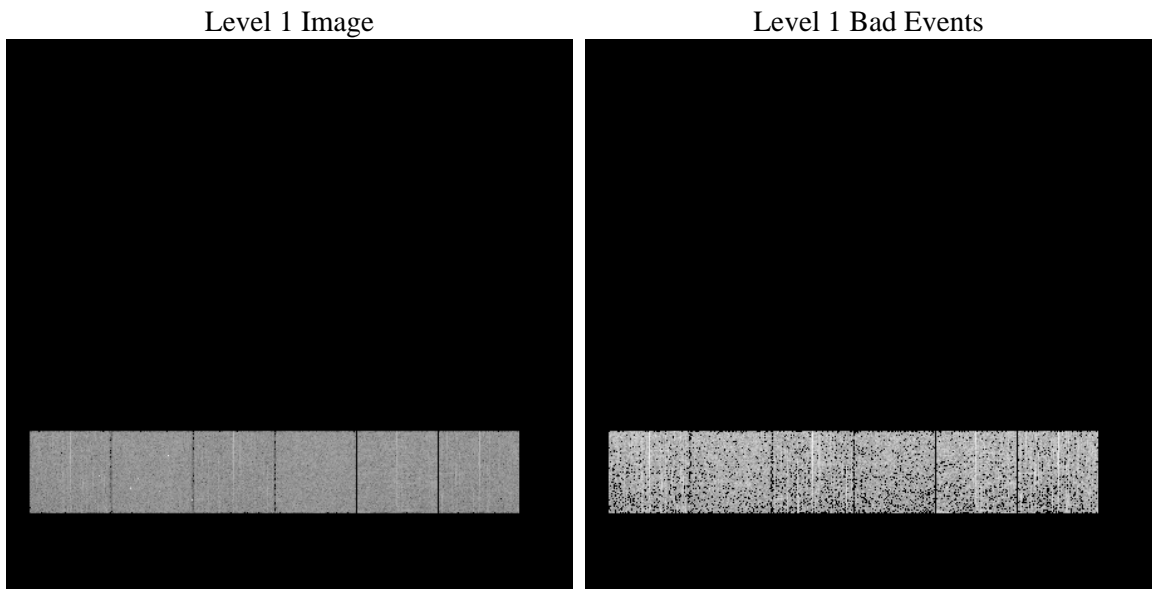
1 Front

seq_num	 	Sequence number
obs_id	58450	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	173.03169927258	Nominal RA [deg]
dec_nom	-27.005025224431	Nominal Dec [deg]
roll_nom	316.96617724137	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1493.5589438081	Sum of GTIs [s]
livetime	1474.6466011484	Livetime [s]
ontime4	1493.4358237982	Sum of GTIs [s]
ontime5	1493.5179038048	Sum of GTIs [s]
ontime6	1493.4768638015	Sum of GTIs [s]
ontime7	1493.5589438081	Sum of GTIs [s]
ontime8	1493.3947837949	Sum of GTIs [s]
ontime9	1493.5999838114	Sum of GTIs [s]
l2events	152468	Number of level 2 events

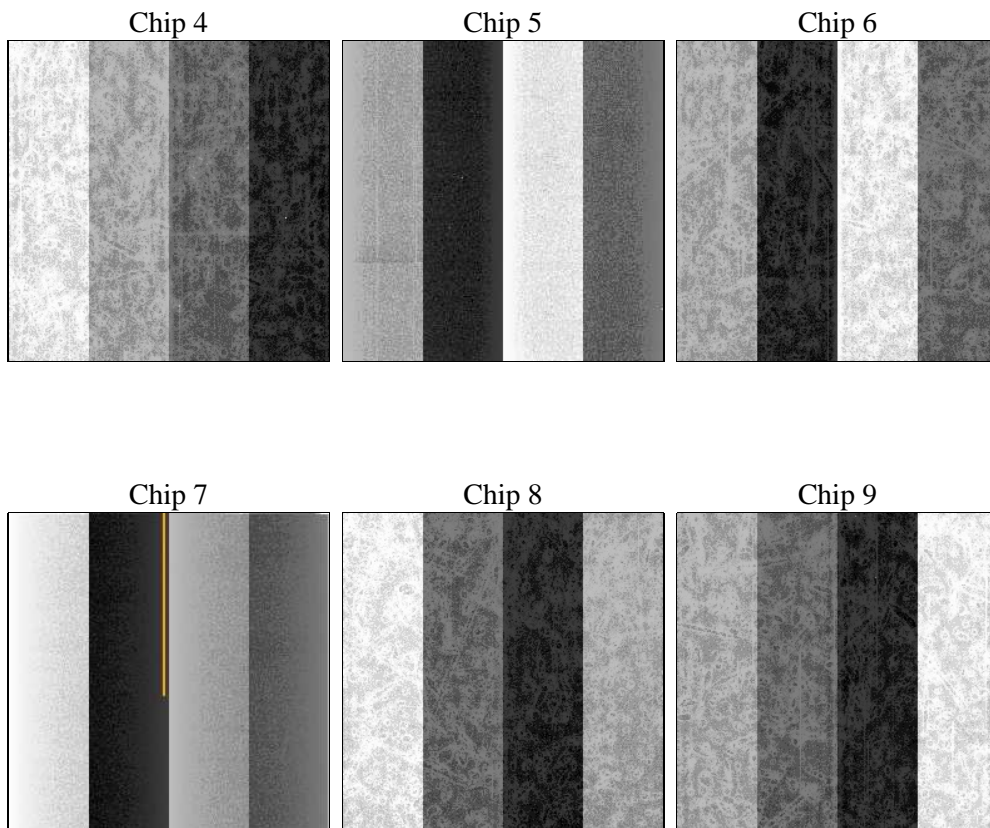
2 OBI

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	1493.5589438081	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	1493.4358237982	Sum of GTIs [s]
date	2012-04-22T20:32:06	Date and time of file creation	ontime5	1493.5179038048	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	1493.4768638015	Sum of GTIs [s]
			ontime7	1493.5589438081	Sum of GTIs [s]
			ontime8	1493.3947837949	Sum of GTIs [s]
			ontime9	1493.5999838114	Sum of GTIs [s]
			l1events	246043	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	39568	41821	39573	41947	42993	40141	grade 0 events	14167	5188	13702	6821	14612	13305
rejected events	14790	12452	13672	11134	14523	15094		35%	12%	34%	16%	33%	33%
rejected %	37%	29%	34%	26%	33%	37%	grade 1 events	119	91	90	20	102	102
								0%	0%	0%	0%	0%	0%
							grade 2 events	3825	11034	4516	6755	5062	4314
								9%	26%	11%	16%	11%	10%
							grade 3 events	1690	1418	1645	2869	1904	1675
								4%	3%	4%	6%	4%	4%
							grade 4 events	1628	1353	1626	2903	2032	1697
								4%	3%	4%	6%	4%	4%
							grade 5 events	793	1654	826	1846	987	904
								2%	3%	2%	4%	2%	2%
							grade 6 events	3468	10376	4412	11465	4860	4056
								8%	24%	11%	27%	11%	10%
							grade 7 events	13878	10707	12756	9268	13434	14088
								35%	25%	32%	22%	31%	35%

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	173.0316992725799	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-27.0050252244309	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	316.9661772413669			
[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)	291972864.433901	291972863.4089			
Observation start date	2007-04-03T07:34:24	2007-04-03T07:34:23			
[s] Observation end time (MET)	291982583.484364	291982582.45937			
Observation end date	2007-04-03T10:16:23	2007-04-03T10:16:22			
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)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.4935589438081

A.2 Comments