

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58568 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 18 2012

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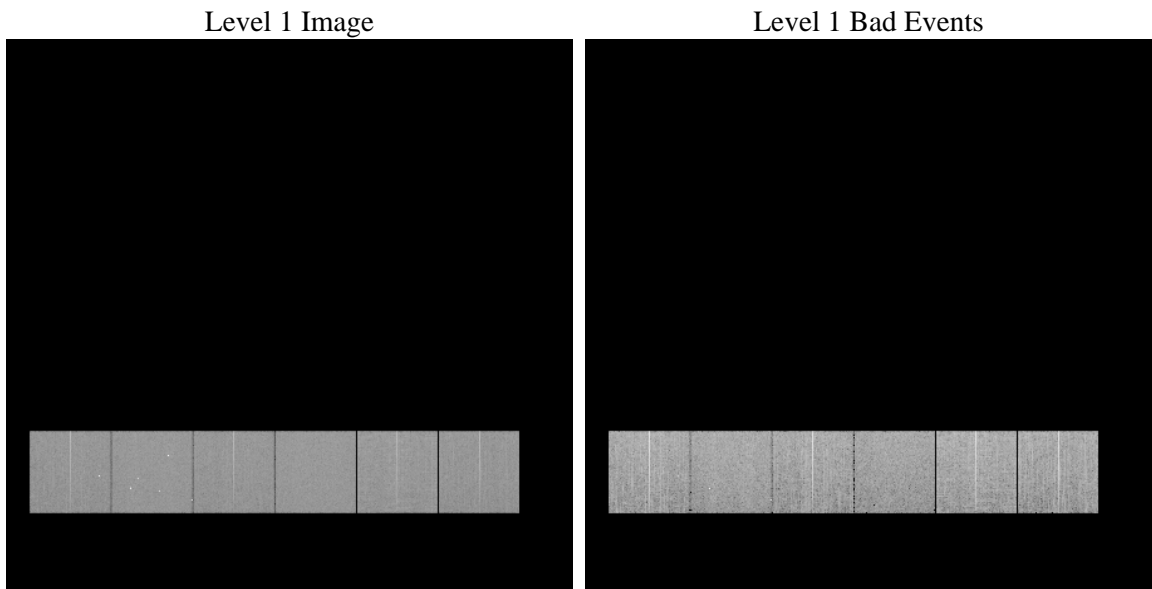
1 Front

seq_num	 	Sequence number
obs_id	58568	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	111.12633746571	Nominal RA [deg]
dec_nom	-7.9922018206006	Nominal Dec [deg]
roll_nom	341.76971569562	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7414.3999724388	Sum of GTIs [s]
livetime	7320.5143755721	Livetime [s]
ontime4	7411.1589921117	Sum of GTIs [s]
ontime5	7414.3999724388	Sum of GTIs [s]
ontime6	7414.3999724388	Sum of GTIs [s]
ontime7	7414.3999724388	Sum of GTIs [s]
ontime8	7414.3634650707	Sum of GTIs [s]
ontime9	7414.3999724388	Sum of GTIs [s]
l2events	768166	Number of level 2 events

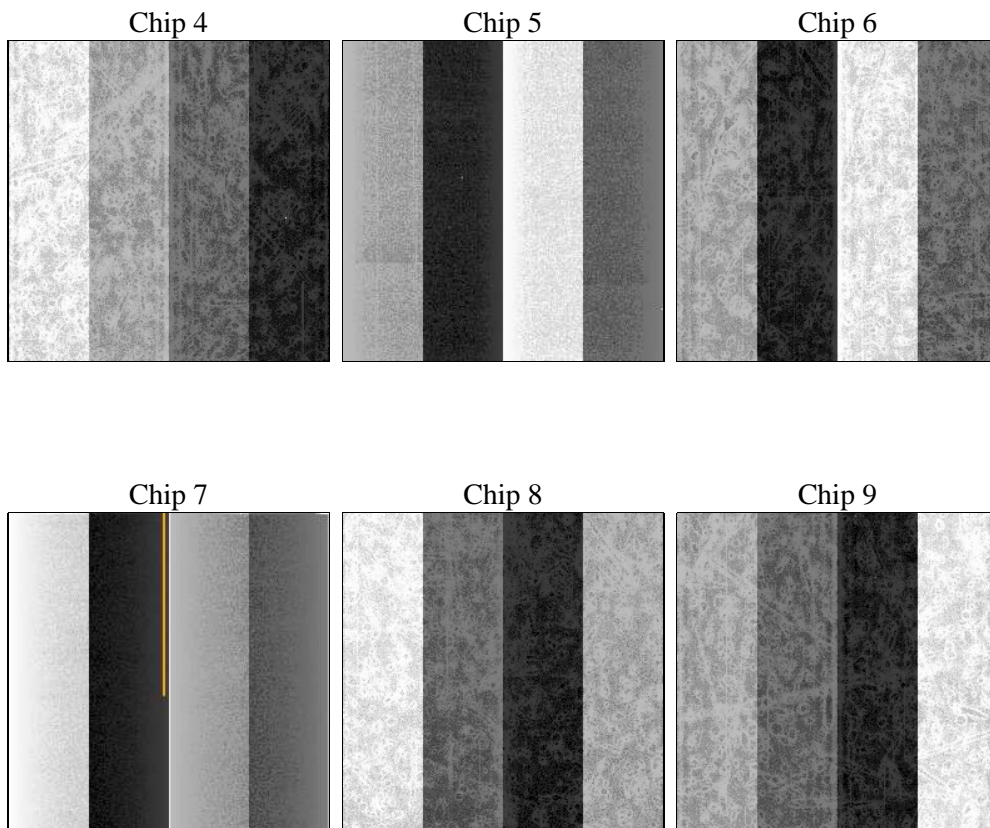
2 OBI

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	7414.3999724388	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7411.1589921117	Sum of GTIs [s]
date	2012-04-18T18:08:26	Date and time of file creation	ontime5	7414.3999724388	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7414.3999724388	Sum of GTIs [s]
			ontime7	7414.3999724388	Sum of GTIs [s]
			ontime8	7414.3634650707	Sum of GTIs [s]
			ontime9	7414.3999724388	Sum of GTIs [s]
			l1events	1217619	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	193259	208732	197017	209566	214431	194614	grade 0 events	72195	28145	69909	34008	74005	68549
rejected events	68594	61213	65260	55228	72093	67104		37%	13%	35%	16%	34%	35%
rejected %	35%	29%	33%	26%	33%	34%	grade 1 events	648	354	400	170	489	497
								0%	0%	0%	0%	0%	0%
							grade 2 events	19322	53010	23145	33326	25636	21773
								9%	25%	11%	15%	11%	11%
							grade 3 events	8414	7625	8419	14746	9617	8355
								4%	3%	4%	7%	4%	4%
							grade 4 events	8295	7661	8134	14655	9685	8344
								4%	3%	4%	6%	4%	4%
							grade 5 events	3697	8878	3893	9227	4743	4255
								1%	4%	1%	4%	2%	2%
							grade 6 events	16439	51078	22150	57603	23395	20489
								8%	24%	11%	27%	10%	10%
							grade 7 events	64249	51981	60967	45831	66861	62352
								33%	24%	30%	21%	31%	32%

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	111.1263374657123	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-7.992201820600643	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	341.7697156956229			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	285567620.679505	285567619.65452			
Observation start date	2007-01-19T04:20:21	2007-01-19T04:20:19			
[s] Observation end time (MET)	285586497.080399	285586496.05541			
Observation end date	2007-01-19T09:34:57	2007-01-19T09:34:56			
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)	2012.04.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.4143999724388

A.2 Comments