

V&V Reference Report

L2 ASCDS Version : 10

Observation 53387 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 18 2013

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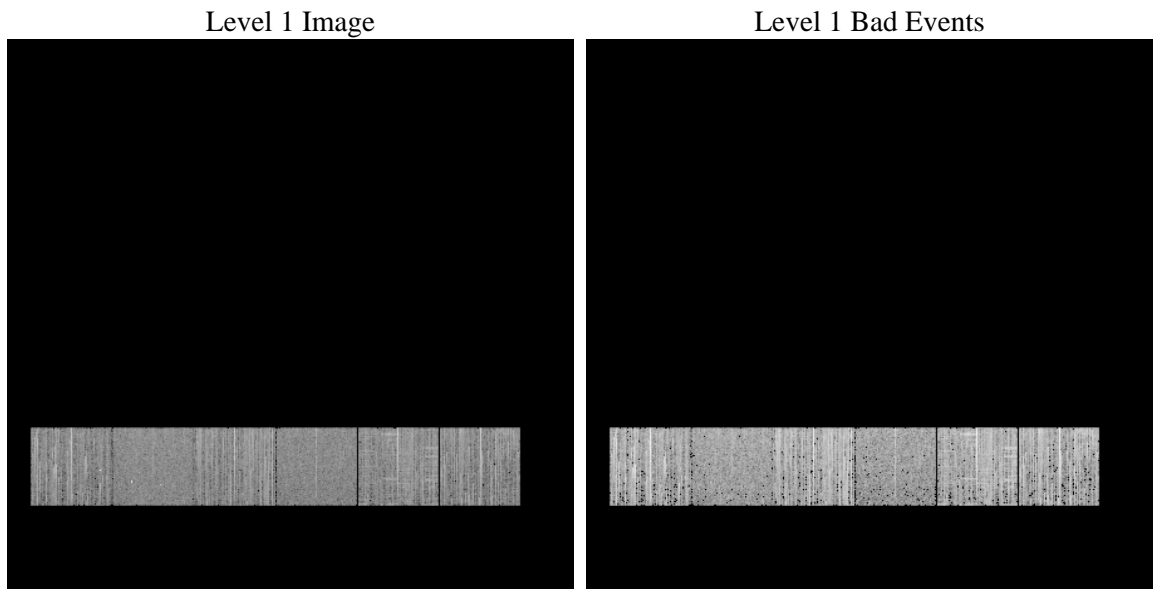
1 Front

seq_num	 	Sequence number
obs_id	53387	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	327.01201309857	Nominal RA [deg]
dec_nom	1.9739589734423	Nominal Dec [deg]
roll_nom	261.93763193969	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3279.9999878407	Sum of GTIs [s]
livetime	3238.4666530157	Livetime [s]
ontime4	3279.9999878407	Sum of GTIs [s]
ontime5	3279.9999878407	Sum of GTIs [s]
ontime6	3279.9999878407	Sum of GTIs [s]
ontime7	3279.9999878407	Sum of GTIs [s]
ontime8	3279.9999878407	Sum of GTIs [s]
ontime9	3279.9999878407	Sum of GTIs [s]
l2events	87799	Number of level 2 events

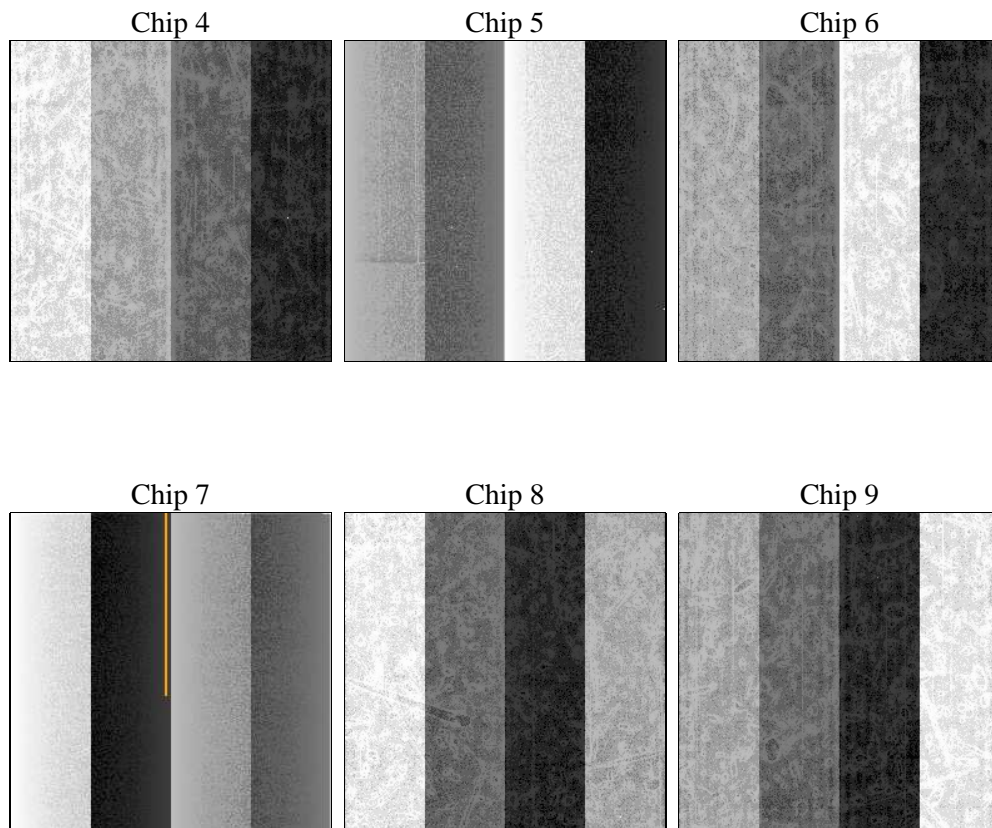
2 OBI

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	10	Processing system revision	ontime	3279.9999878407	Sum of GTIs [s]
caldbver	4.5.8	 	ontime4	3279.9999878407	Sum of GTIs [s]
date	2013-09-18T05:20:08	Date and time of file creation	ontime5	3279.9999878407	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	3279.9999878407	Sum of GTIs [s]
			ontime7	3279.9999878407	Sum of GTIs [s]
			ontime8	3279.9999878407	Sum of GTIs [s]
			ontime9	3279.9999878407	Sum of GTIs [s]
			l1events	347111	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	58605	51246	65048	47755	63849	60608	grade 0 events	7122	2575	5920	3002	6959	6080
rejected events	45991	28102	52666	26154	48354	48450		12%	5%	9%	6%	10%	10%
rejected %	78%	54%	80%	54%	75%	79%	grade 1 events	54	56	19	29	34	34
								0%	0%	0%	0%	0%	0%
							grade 2 events	2301	8571	2734	5366	3219	2474
								3%	16%	4%	11%	5%	4%
							grade 3 events	805	707	755	1739	1150	832
								1%	1%	1%	3%	1%	1%
							grade 4 events	807	729	799	1671	1198	746
								1%	1%	1%	3%	1%	1%
							grade 5 events	1227	2164	1138	2724	1474	1340
								2%	4%	1%	5%	2%	2%
							grade 6 events	1589	10580	2186	9852	2980	2040
								2%	20%	3%	20%	4%	3%
							grade 7 events	44700	25864	51497	23372	46835	47062
								76%	50%	79%	48%	73%	77%

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	327.0120130985687	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	1.97395897344227	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	261.9376319396864	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	495814659.395163	495814658.37016			
Observation start date	2013-09-17T14:17:39	2013-09-17T14:17:38			
[s] Observation end time (MET)	495822514.995591	495822513.97059			
Observation end date	2013-09-17T16:28:35	2013-09-17T16:28:33			
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)	2013.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2799999878407

A.2 Comments