

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 54088 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 19 2012

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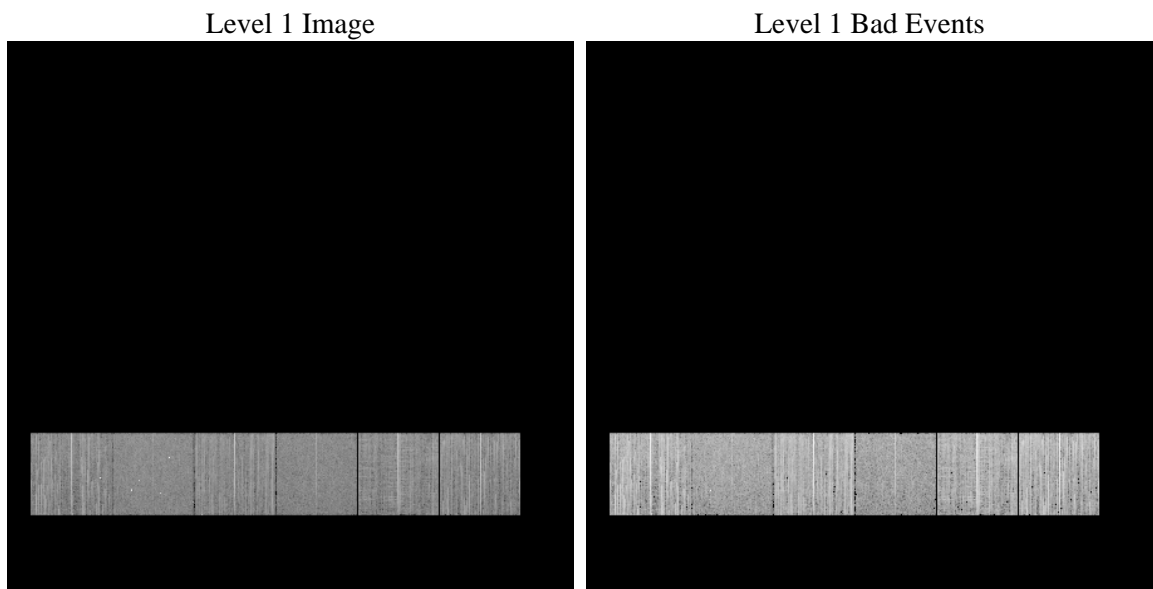
1 Front

seq_num	 	Sequence number
obs_id	54088	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	93.006160471939	Nominal RA [deg]
dec_nom	50.598940338843	Nominal Dec [deg]
roll_nom	166.2447568454	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5254.3999804854	Sum of GTIs [s]
livetime	5187.8656041127	Livetime [s]
ontime4	5254.3999804854	Sum of GTIs [s]
ontime5	5254.3999804854	Sum of GTIs [s]
ontime6	5254.3999804854	Sum of GTIs [s]
ontime7	5254.3999804854	Sum of GTIs [s]
ontime8	5254.3999804854	Sum of GTIs [s]
ontime9	5254.3999804854	Sum of GTIs [s]
l2events	167606	Number of level 2 events

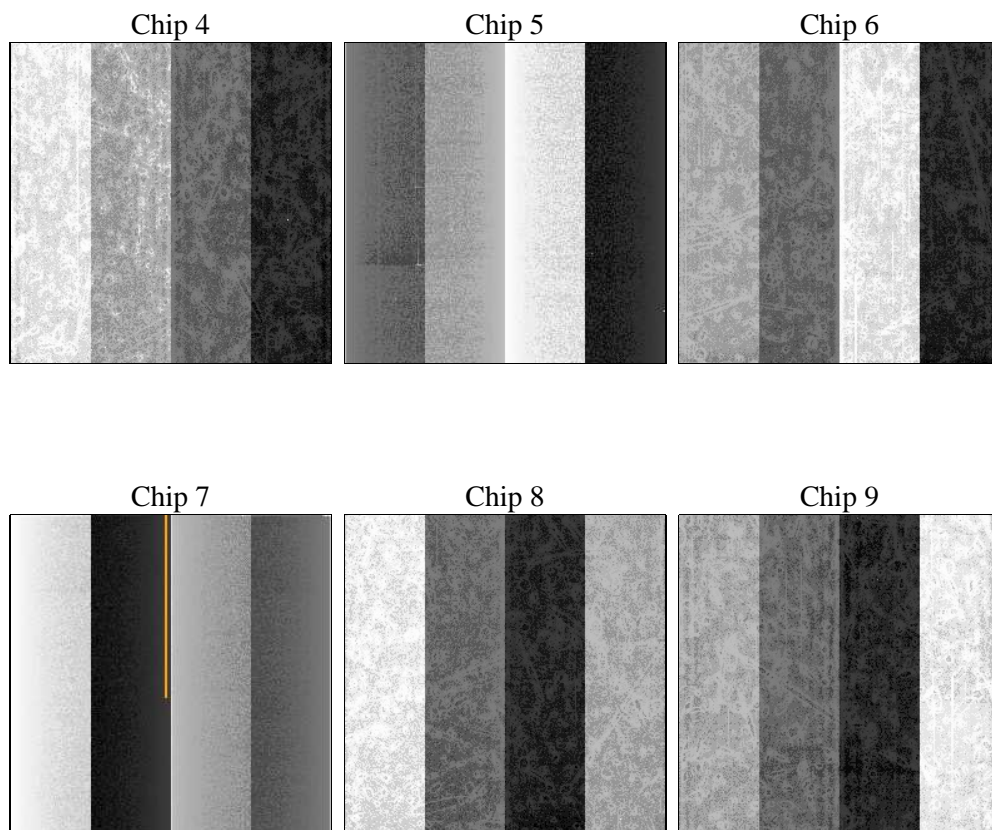
2 OBI

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	8.5.1.1	Processing system revision	ontime	5254.3999804854	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	5254.3999804854	Sum of GTIs [s]
date	2012-12-19T19:14:36	Date and time of file creation	ontime5	5254.3999804854	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5254.3999804854	Sum of GTIs [s]
			ontime7	5254.3999804854	Sum of GTIs [s]
			ontime8	5254.3999804854	Sum of GTIs [s]
			ontime9	5254.3999804854	Sum of GTIs [s]
			l1events	608354	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	108787	93901	106060	84509	104765	110332	grade 0 events	13909	6345	11975	6261	13466	11583
rejected events	84030	49042	82072	43402	75042	87337		12%	6%	11%	7%	12%	10%
rejected %	77%	52%	77%	51%	71%	79%	grade 1 events	103	104	68	39	69	67
								0%	0%	0%	0%	0%	0%
							grade 2 events	4445	16203	4822	9844	6113	4449
								4%	17%	4%	11%	5%	4%
							grade 3 events	1644	1641	1544	3530	2275	1513
								1%	1%	1%	4%	2%	1%
							grade 4 events	1569	1611	1590	3428	2298	1572
								1%	1%	1%	4%	2%	1%
							grade 5 events	2155	4390	2117	5222	2756	2368
								1%	4%	1%	6%	2%	2%
							grade 6 events	3190	19059	4057	18044	5571	3898
								2%	20%	3%	21%	5%	3%
							grade 7 events	81772	44548	79887	38141	72217	84882
								75%	47%	75%	45%	68%	76%

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	93.00616047193935	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	50.59894033884326	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	166.2447568454044	[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)	472248561.267547	472248560.24255			
Observation start date	2012-12-18T20:09:21	2012-12-18T20:09:20			
[s] Observation end time (MET)	472260832.568208	472260831.54321			
Observation end date	2012-12-18T23:33:53	2012-12-18T23:33:51			
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)	2012.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.2543999804854

A.2 Comments