

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54196 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 2 2012

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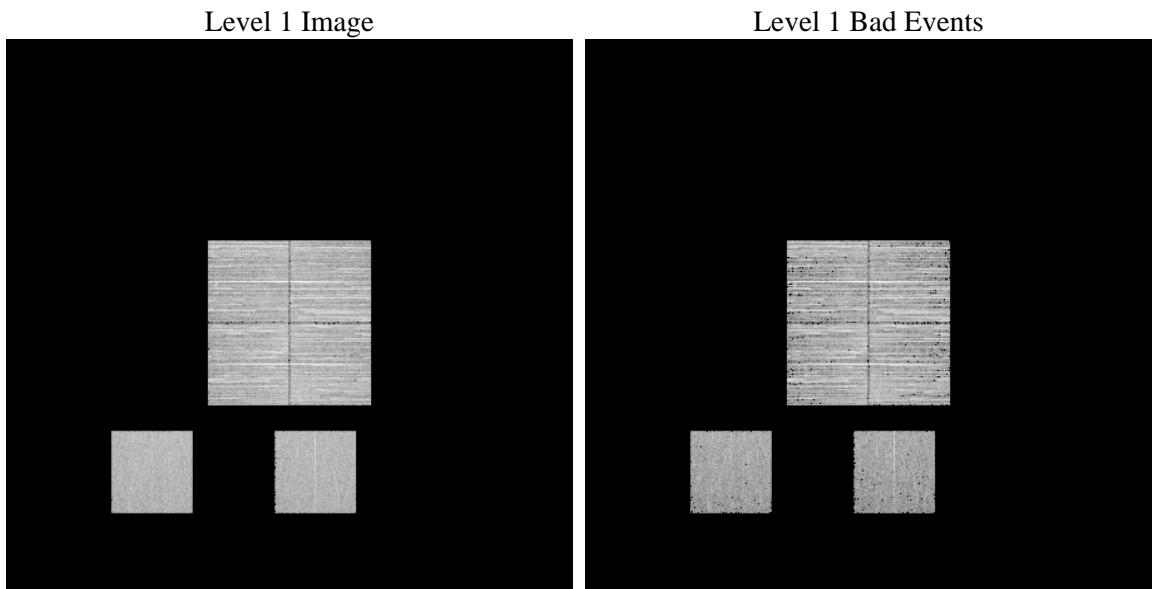
1 Front

seq_num	 	Sequence number
obs_id	54196	Observation id
title	ACIS-012357 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	260.11970995741	Nominal RA [deg]
dec_nom	-55.970113952876	Nominal Dec [deg]
roll_nom	236.1228911134	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4023.9209532738	Sum of GTIs [s]
livetime	3972.9676432491	Livetime [s]
ontime0	4023.9619834423	Sum of GTIs [s]
ontime1	4024.0030234456	Sum of GTIs [s]
ontime2	4024.0440634489	Sum of GTIs [s]
ontime3	4023.8799034357	Sum of GTIs [s]
ontime5	4025.5999850631	Sum of GTIs [s]
ontime7	4023.9209532738	Sum of GTIs [s]
l2events	124826	Number of level 2 events

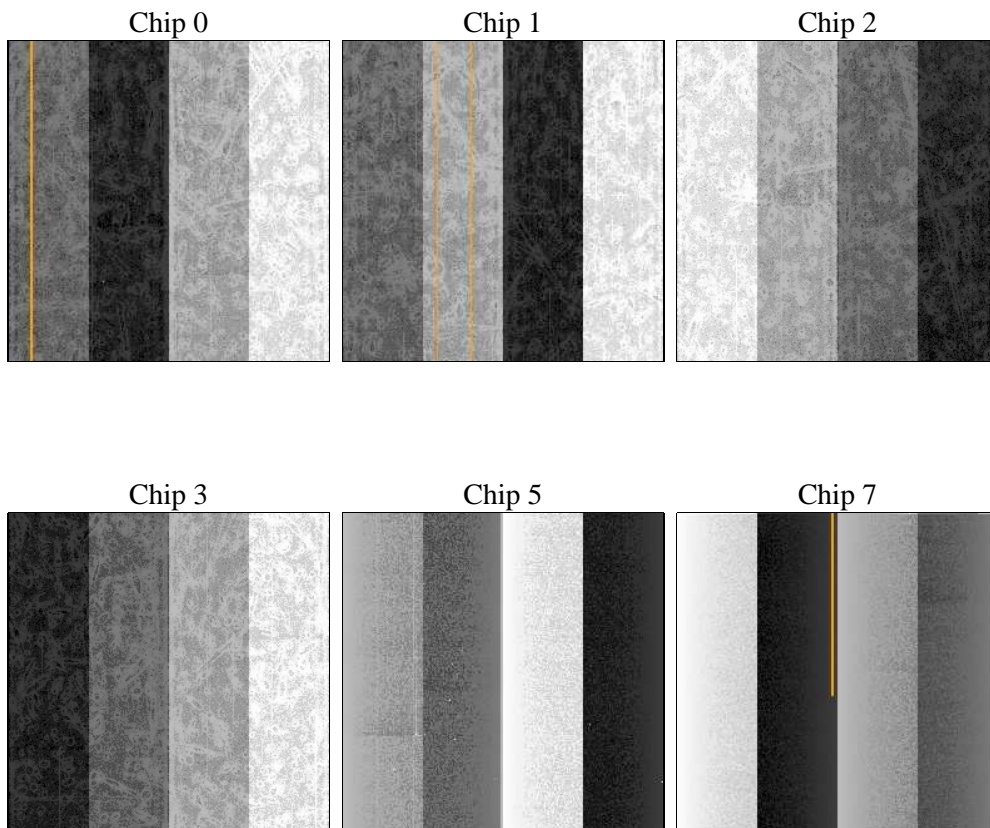
2 OBI

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	8.4.5	Processing system revision	ontime	4023.9209532738	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4023.9619834423	Sum of GTIs [s]
date	2012-11-02T08:37:12	Date and time of file creation	ontime1	4024.0030234456	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	4024.0440634489	Sum of GTIs [s]
			ontime3	4023.8799034357	Sum of GTIs [s]
			ontime5	4025.5999850631	Sum of GTIs [s]
			ontime7	4023.9209532738	Sum of GTIs [s]
			l1events	454519	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	77598	81841	82287	82015	66598	64180	grade 0 events	8752	8417	9170	9194	2541	4348
rejected events	60213	64378	64775	64149	36200	33862		11%	10%	11%	11%	3%	6%
rejected %	77%	78%	78%	78%	54%	52%	grade 1 events	59	40	66	61	77	37
								0%	0%	0%	0%	0%	0%
							grade 2 events	3588	4021	3462	3541	11611	7721
								4%	4%	4%	4%	17%	12%
							grade 3 events	1212	1082	1172	1219	953	2389
								1%	1%	1%	1%	1%	3%
							grade 4 events	1072	1061	1144	1187	936	2368
								1%	1%	1%	1%	1%	3%
							grade 5 events	1441	1382	1388	1562	2692	3465
								1%	1%	1%	1%	4%	5%
							grade 6 events	2761	2882	2564	2725	14383	13492
								3%	3%	3%	3%	21%	21%
							grade 7 events	58713	62956	63321	62526	33405	30360
								75%	76%	76%	76%	50%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	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	260.1197099574127	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-55.9701139528756	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	236.1228911134042	[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)	468165405.897891	468165404.87289			
Observation start date	2012-11-01T13:56:46	2012-11-01T13:56:44			
[s] Observation end time (MET)	468171285.298207	468171284.27321			
Observation end date	2012-11-01T15:34:45	2012-11-01T15:34:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2012.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0239209532738

A.2 Comments