

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58436 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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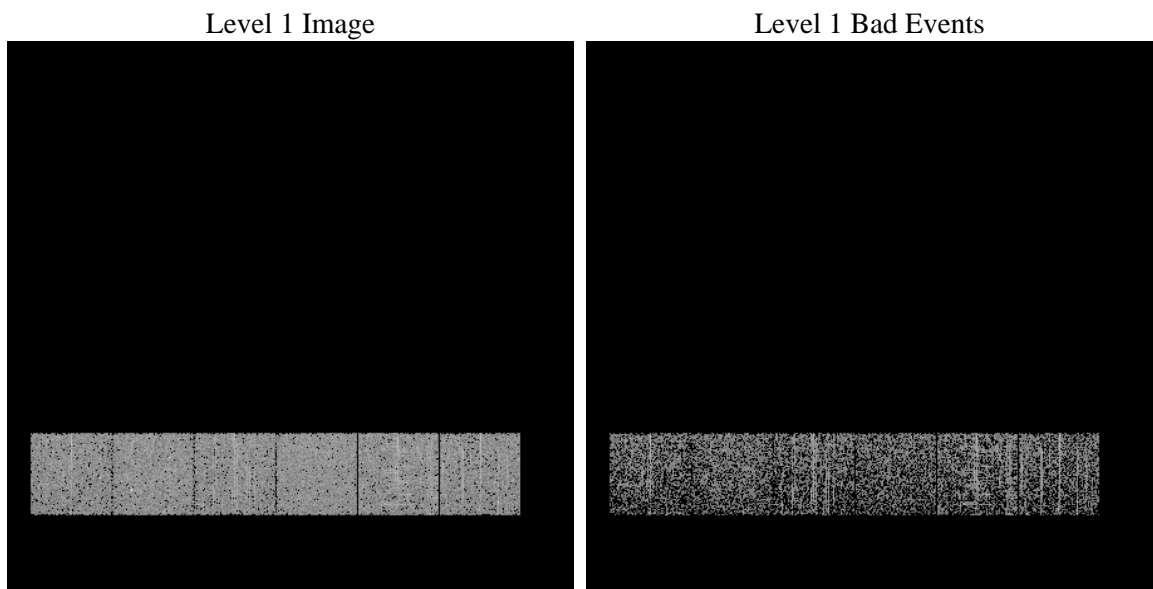
1 Front

seq_num	 	Sequence number
obs_id	58436	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	174.40863878947	Nominal RA [deg]
dec_nom	-2.1274126471988	Nominal Dec [deg]
roll_nom	254.53666506004	Nominal Roll [deg]
revision	2	Processing version of data
ontime	620.79999774694	Sum of GTIs [s]
livetime	612.93905437459	Livetime [s]
ontime4	620.79999774694	Sum of GTIs [s]
ontime5	620.79999774694	Sum of GTIs [s]
ontime6	620.79999774694	Sum of GTIs [s]
ontime7	620.79999774694	Sum of GTIs [s]
ontime8	620.79999774694	Sum of GTIs [s]
ontime9	620.79999774694	Sum of GTIs [s]
l2events	59902	Number of level 2 events

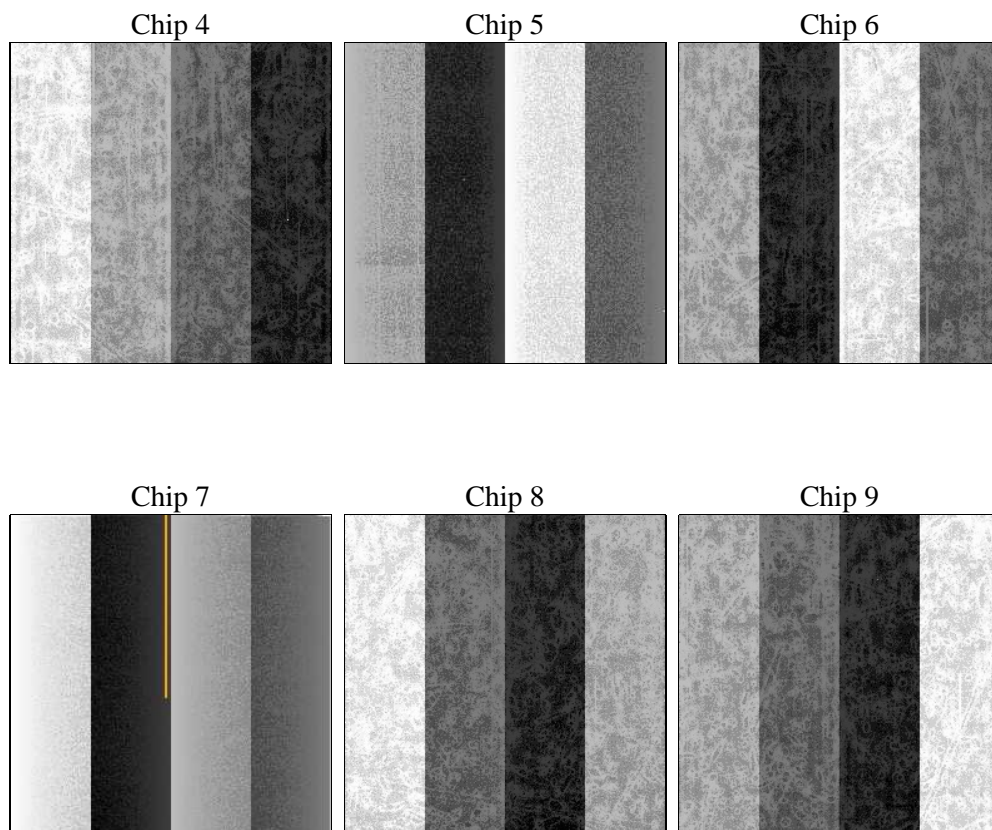
2 OBI

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	620.79999774694	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	620.79999774694	Sum of GTIs [s]
date	2012-04-23T09:50:15	Date and time of file creation	ontime5	620.79999774694	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	620.79999774694	Sum of GTIs [s]
			ontime7	620.79999774694	Sum of GTIs [s]
			ontime8	620.79999774694	Sum of GTIs [s]
			ontime9	620.79999774694	Sum of GTIs [s]
			l1events	99219	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	15359	16939	16330	16911	17606	16074
rejected events	5716	5242	6128	4600	6695	6181
rejected %	37%	30%	37%	27%	38%	38%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	5514	2202	5398	2690	5600	5451
	35%	12%	33%	15%	31%	33%
grade 1 events	44	53	25	7	32	220
	0%	0%	0%	0%	0%	1%
grade 2 events	1572	4274	1805	2680	2003	1646
	10%	25%	11%	15%	11%	10%
grade 3 events	649	553	637	1175	723	626
	4%	3%	3%	6%	4%	3%
grade 4 events	635	564	662	1185	735	640
	4%	3%	4%	7%	4%	3%
grade 5 events	338	685	308	766	419	380
	2%	4%	1%	4%	2%	2%
grade 6 events	1273	4104	1700	4581	1850	1530
	8%	24%	10%	27%	10%	9%
grade 7 events	5334	4504	5795	3827	6244	5581
	34%	26%	35%	22%	35%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	174.4086387894737
[deg] Pointing Dec	0	-2.127412647198777
[deg] Pointing Roll	0.0	254.5366650600433
[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)	292886422.377442	292886421.35244
Observation start date	2007-04-13T21:20:22	2007-04-13T21:20:21
[s] Observation end time (MET)	292896500.177923	292896499.15292
Observation end date	2007-04-14T00:08:20	2007-04-14T00:08:19
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.62079999774694

A.2 Comments