

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58335 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 27 2012

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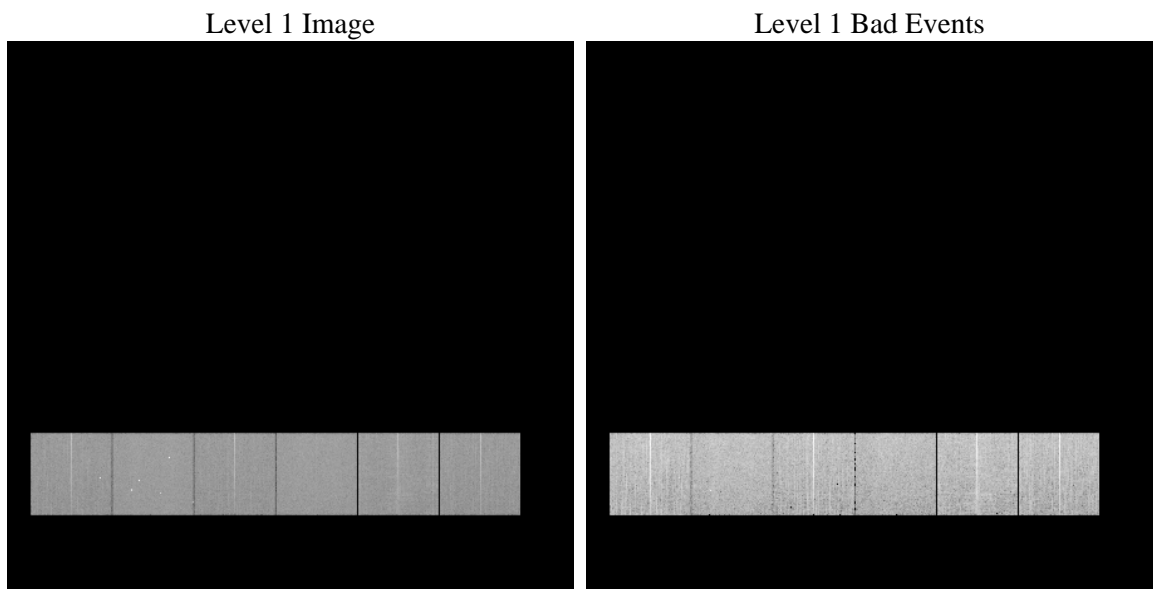
1 Front

seq_num	 	Sequence number
obs_id	58335	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	294.96876055847	Nominal RA [deg]
dec_nom	2.0020214060106	Nominal Dec [deg]
roll_nom	151.73813963302	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	704094	Number of level 2 events

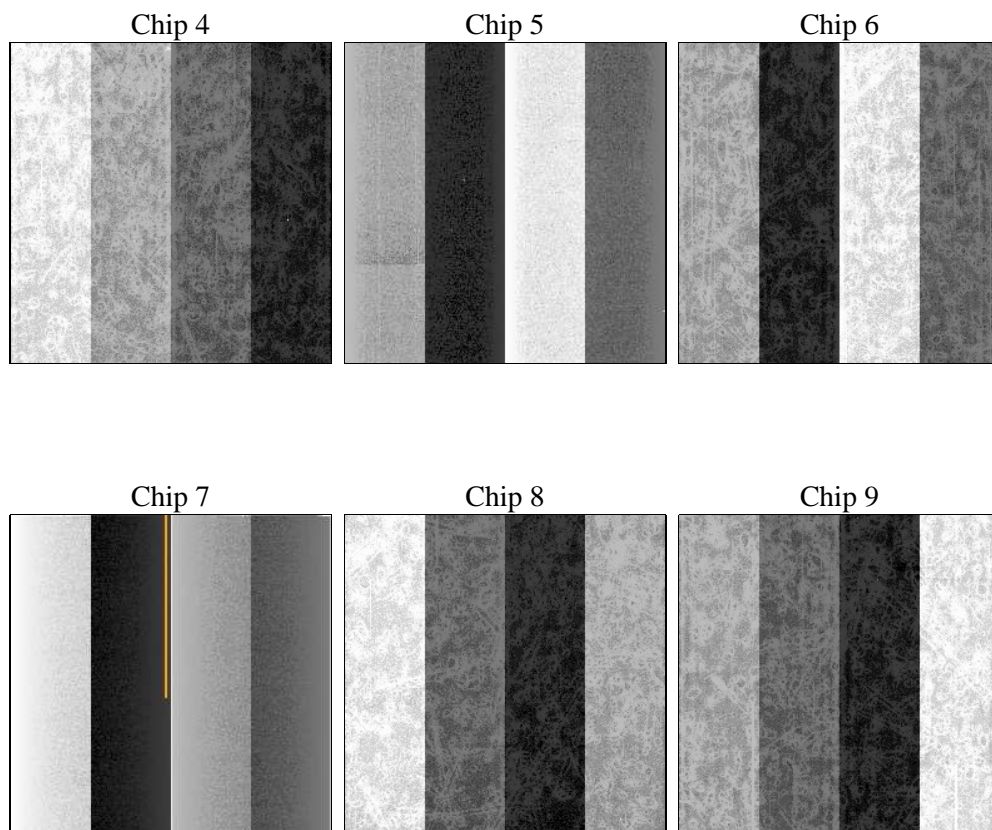
2 OBI

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	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-04-27T13:27:01	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1185947	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	188645	209959	188237	207190	204375	187541	grade 0 events	63880	27709	62483	30596	66904	61959
rejected events	77582	66738	70664	61211	75769	73448		33%	13%	33%	14%	32%	33%
rejected %	41%	31%	37%	29%	37%	39%	grade 1 events	606	238	380	149	471	480
								0%	0%	0%	0%	0%	0%
							grade 2 events	17599	50423	20784	32176	23300	19942
								9%	24%	11%	15%	11%	10%
							grade 3 events	7641	7217	7556	13920	8802	7427
								4%	3%	4%	6%	4%	3%
							grade 4 events	7555	7223	7527	14079	8736	7356
								4%	3%	3%	6%	4%	3%
							grade 5 events	4114	9523	4063	10355	5427	4608
								2%	4%	2%	4%	2%	2%
							grade 6 events	14430	50715	19270	55272	20904	17451
								7%	24%	10%	26%	10%	9%
							grade 7 events	72820	56911	66174	50643	69831	68318
								38%	27%	35%	24%	34%	36%

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	294.9687605584709
[deg] Pointing Dec	0	2.002021406010607
[deg] Pointing Roll	0.0	151.738139633018
[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)	299734816.704597	299734815.67959
Observation start date	2007-07-02T03:40:17	2007-07-02T03:40:15
[s] Observation end time (MET)	299751116.255377	299751115.23037
Observation end date	2007-07-02T08:11:56	2007-07-02T08:11:55
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments