

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59208 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 21 2012

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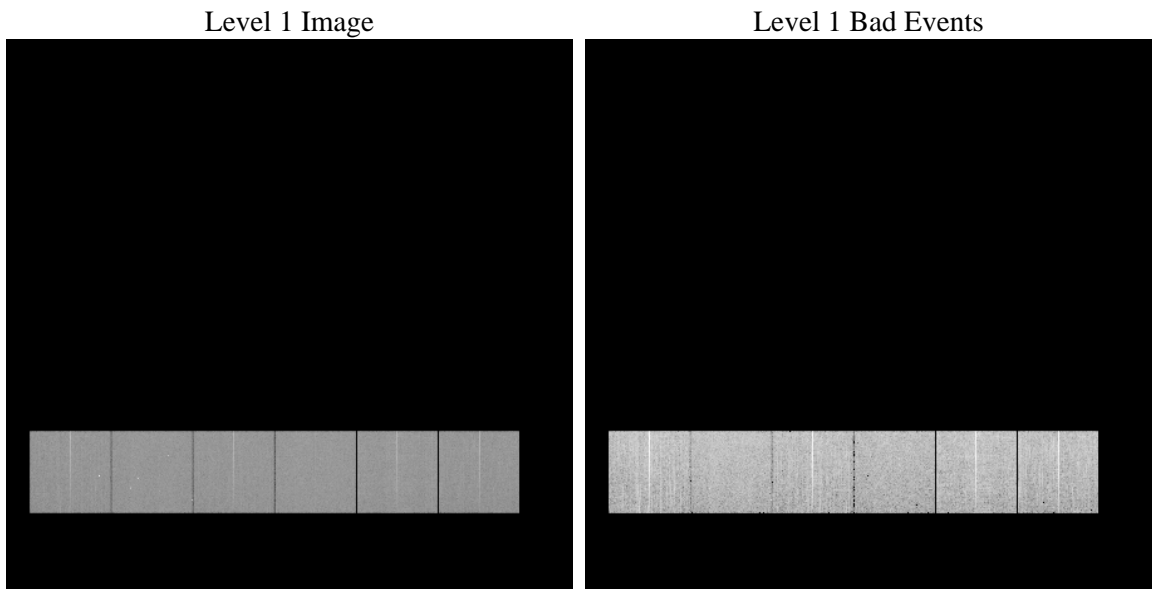
1 Front

seq_num	 	Sequence number
obs_id	59208	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	82.422280375181	Nominal RA [deg]
dec_nom	-0.20546884522838	Nominal Dec [deg]
roll_nom	328.01664987323	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7798.3999709487	Sum of GTIs [s]
livetime	7699.6519348838	Livetime [s]
ontime4	7798.3999709487	Sum of GTIs [s]
ontime5	7798.3999709487	Sum of GTIs [s]
ontime6	7791.918020457	Sum of GTIs [s]
ontime7	7798.3999709487	Sum of GTIs [s]
ontime8	7798.3999709487	Sum of GTIs [s]
ontime9	7798.3999709487	Sum of GTIs [s]
l2events	958395	Number of level 2 events

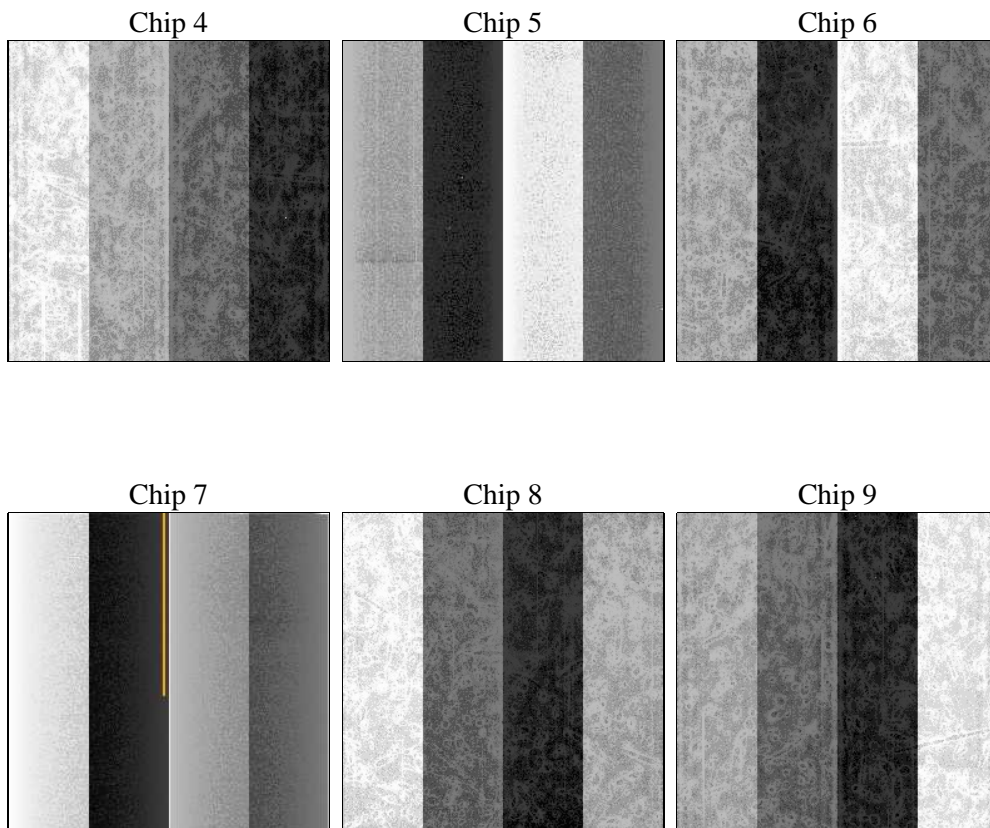
2 OBI

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	8.4.3	Processing system revision	ontime	7798.3999709487	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	7798.3999709487	Sum of GTIs [s]
date	2012-03-21T06:49:46	Date and time of file creation	ontime5	7798.3999709487	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.918020457	Sum of GTIs [s]
			ontime7	7798.3999709487	Sum of GTIs [s]
			ontime8	7798.3999709487	Sum of GTIs [s]
			ontime9	7798.3999709487	Sum of GTIs [s]
			l1events	1386834	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	225281	227394	229662	238687	240829	224981	grade 0 events	92950	35079	91324	43686	94395	89060
rejected events	66061	56752	60976	50885	65080	62501		41%	15%	39%	18%	39%	39%
rejected %	29%	24%	26%	21%	27%	27%	grade 1 events	742	215	524	153	547	566
								0%	0%	0%	0%	0%	0%
							grade 2 events	25107	60911	29215	41361	31347	27955
								11%	26%	12%	17%	13%	12%
							grade 3 events	10634	9903	10536	18695	11640	10472
								4%	4%	4%	7%	4%	4%
							grade 4 events	10439	9848	10682	18475	11640	10649
								4%	4%	4%	7%	4%	4%
							grade 5 events	3640	8604	3759	8938	4624	4037
								1%	3%	1%	3%	1%	1%
							grade 6 events	20161	54974	26995	65645	26824	24406
								8%	24%	11%	27%	11%	10%
							grade 7 events	61608	47860	56627	41734	59812	57836
								27%	21%	24%	17%	24%	25%

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	82.4222803751808
[deg] Pointing Dec	0	-0.2054688452283849
[deg] Pointing Roll	0.0	328.0166498732327
[mm] SIM focus pos	-0.684267	-1.526339935833849
[mm] SIM defocus	0	0.006996703570447904
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	252216324.917125	252216323.89213
Observation start date	2005-12-29T04:05:25	2005-12-29T04:05:23
[s] Observation end time (MET)	252230648.267789	252230647.24279
Observation end date	2005-12-29T08:04:08	2005-12-29T08:04:07
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)	2012.03.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7983999709487

A.2 Comments