

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 59808 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 17 2012

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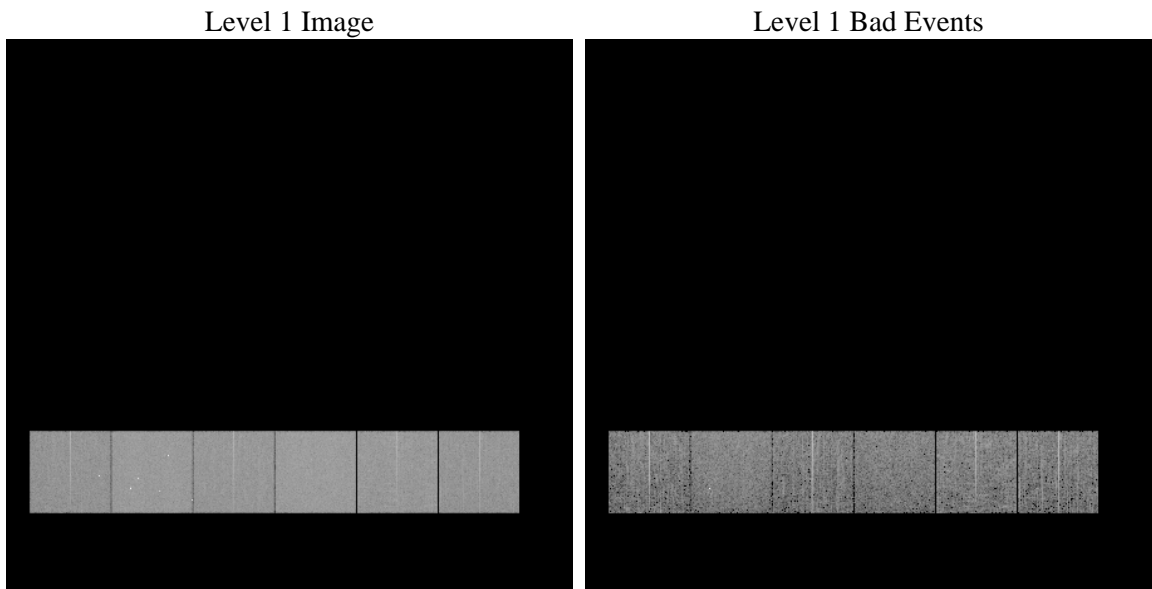
1 Front

seq_num	 	Sequence number
obs_id	59808	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	155.4909297148	Nominal RA [deg]
dec_nom	11.727213060696	Nominal Dec [deg]
roll_nom	75.258440469936	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4889.3622237444	Sum of GTIs [s]
livetime	4827.4501752469	Livetime [s]
ontime4	3852.1301404238	Sum of GTIs [s]
ontime5	4889.3211837411	Sum of GTIs [s]
ontime6	4208.6774920523	Sum of GTIs [s]
ontime7	4889.3622237444	Sum of GTIs [s]
ontime8	4192.3903418183	Sum of GTIs [s]
ontime9	3991.6557327211	Sum of GTIs [s]
l2events	660258	Number of level 2 events

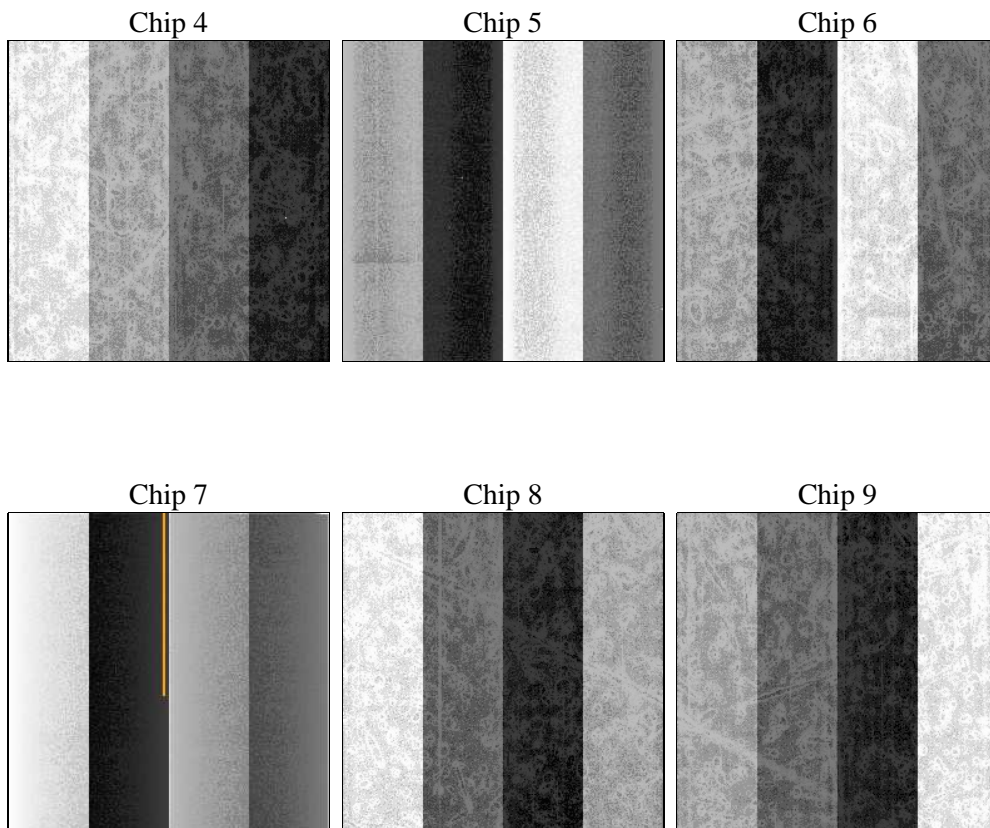
2 OBI

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	Processing system revision	ontime	4889.3622237444	Sum of GTIs [s]
caldbver	4.5.5	 	ontime4	3852.1301404238	Sum of GTIs [s]
date	2012-12-17T09:27:42	Date and time of file creation	ontime5	4889.3211837411	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4208.6774920523	Sum of GTIs [s]
			ontime7	4889.3622237444	Sum of GTIs [s]
			ontime8	4192.3903418183	Sum of GTIs [s]
			ontime9	3991.6557327211	Sum of GTIs [s]
			l1events	892640	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	128701	163090	144842	169879	151587	134541	grade 0 events	57196	28699	62463	34094	63241	57184
rejected events	30428	33929	30451	28755	34042	30535		44%	17%	43%	20%	41%	42%
rejected %	23%	20%	21%	16%	22%	22%	grade 1 events	420	197	313	99	360	316
								0%	0%	0%	0%	0%	0%
							grade 2 events	15453	46086	19770	31287	20658	17875
								12%	28%	13%	18%	13%	13%
							grade 3 events	6604	7663	7218	14175	7710	6609
								5%	4%	4%	8%	5%	4%
							grade 4 events	6334	7667	7105	14075	7716	6687
								4%	4%	4%	8%	5%	4%
							grade 5 events	1728	5630	1995	5205	2327	2027
								1%	3%	1%	3%	1%	1%
							grade 6 events	12686	39046	17835	47493	18220	15651
								9%	23%	12%	27%	12%	11%
							grade 7 events	28280	28102	28143	23451	31355	28192
								21%	17%	19%	13%	20%	20%

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	155.4909297148024
[deg] Pointing Dec	0	11.72721306069617
[deg] Pointing Roll	0.0	75.25844046993596
[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)	224341221.091216	224341220.06622
Observation start date	2005-02-09T13:00:21	2005-02-09T13:00:20
[s] Observation end time (MET)	224358988.442019	224358987.41703
Observation end date	2005-02-09T17:56:28	2005-02-09T17:56:27
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)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.8893622237444

A.2 Comments