

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58437 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 23 2012

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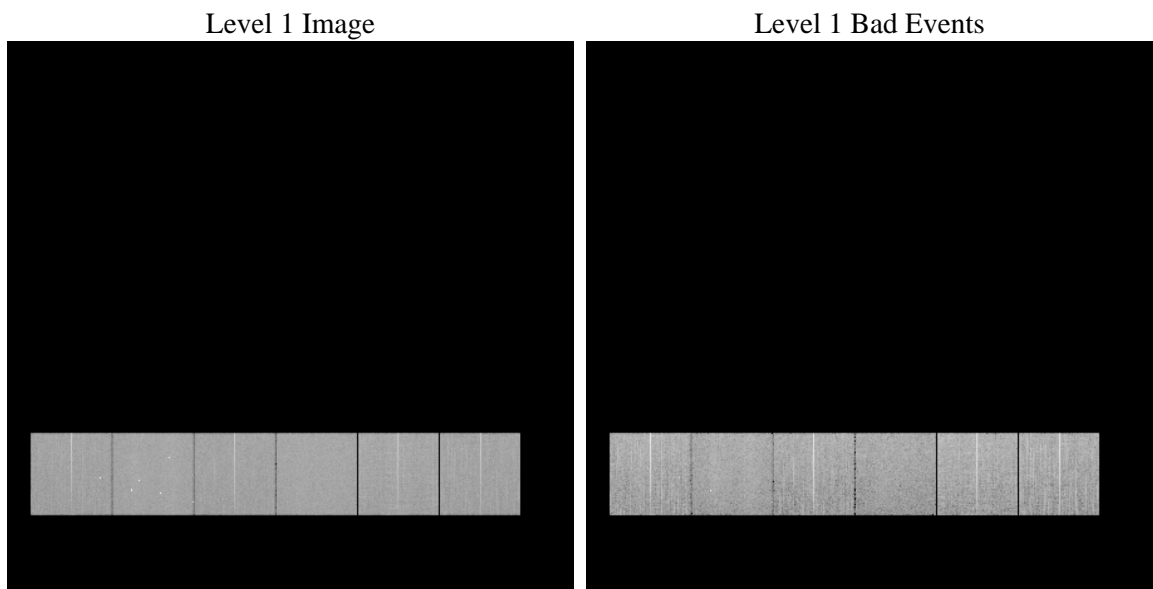
1 Front

seq_num	 	Sequence number
obs_id	58437	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	170.41257034377	Nominal RA [deg]
dec_nom	-2.1272925773632	Nominal Dec [deg]
roll_nom	256.93963029077	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8236.7999693751	Sum of GTIs [s]
livetime	8132.5006485574	Livetime [s]
ontime4	8233.5589591861	Sum of GTIs [s]
ontime5	8236.7999693751	Sum of GTIs [s]
ontime6	8236.7999693751	Sum of GTIs [s]
ontime7	8236.7999693751	Sum of GTIs [s]
ontime8	8236.7999693751	Sum of GTIs [s]
ontime9	8236.7999693751	Sum of GTIs [s]
l2events	760721	Number of level 2 events

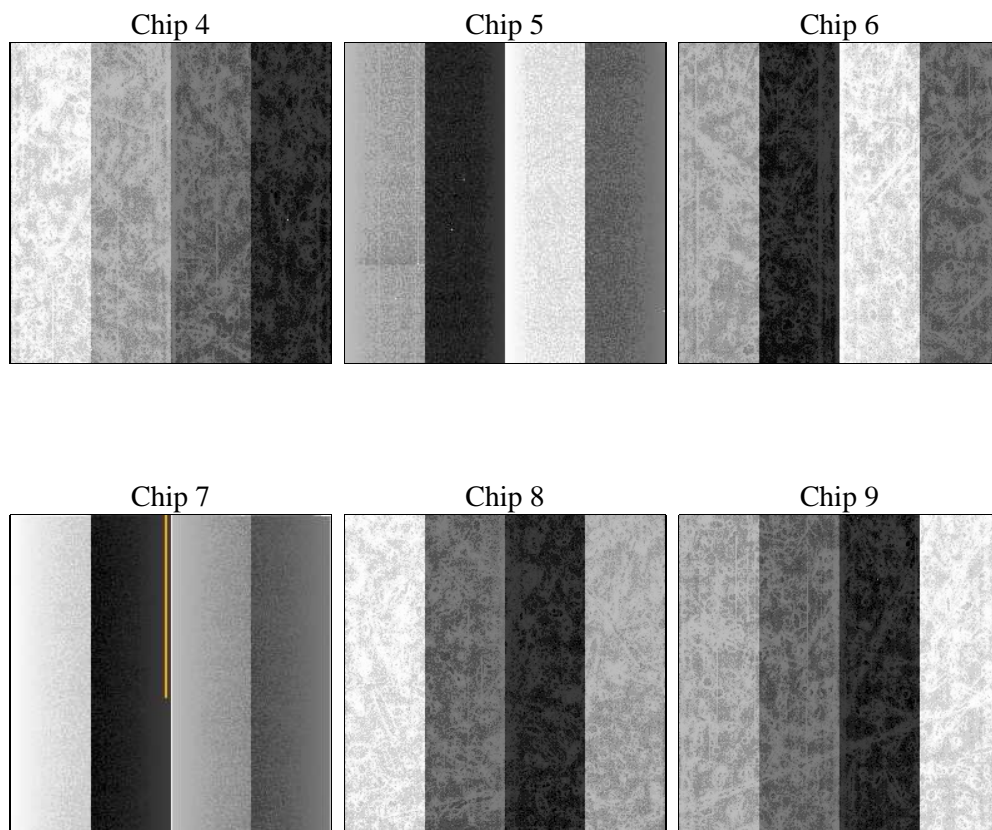
2 OBI

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	8236.7999693751	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	8233.5589591861	Sum of GTIs [s]
date	2012-04-23T09:11:40	Date and time of file creation	ontime5	8236.7999693751	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8236.7999693751	Sum of GTIs [s]
			ontime7	8236.7999693751	Sum of GTIs [s]
			ontime8	8236.7999693751	Sum of GTIs [s]
			ontime9	8236.7999693751	Sum of GTIs [s]
			l1events	1283001	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	203176	222312	204111	221941	225472	205989	grade 0 events	71441	23858	68277	32789	73917	68238
rejected events	82938	72547	75485	64812	85674	81846		35%	10%	33%	14%	32%	33%
rejected %	40%	32%	36%	29%	37%	39%	grade 1 events	671	293	378	168	398	484
								0%	0%	0%	0%	0%	0%
							grade 2 events	17405	57863	23364	34672	24866	20735
								8%	26%	11%	15%	11%	10%
							grade 3 events	8243	6577	7988	14737	9590	8319
								4%	2%	3%	6%	4%	4%
							grade 4 events	8219	6006	7950	14561	9621	8326
								4%	2%	3%	6%	4%	4%
							grade 5 events	4001	9248	4158	10276	5364	4552
								1%	4%	2%	4%	2%	2%
							grade 6 events	15421	56078	21611	61038	22398	19000
								7%	25%	10%	27%	9%	9%
							grade 7 events	77775	62389	70385	53700	79318	76335
								38%	28%	34%	24%	35%	37%

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	170.4125703437738
[deg] Pointing Dec	0	-2.127292577363177
[deg] Pointing Roll	0.0	256.9396302907749
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	292690413.668109	292690412.6431
Observation start date	2007-04-11T14:53:34	2007-04-11T14:53:32
[s] Observation end time (MET)	292714417.119254	292714416.09424
Observation end date	2007-04-11T21:33:37	2007-04-11T21:33:36
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	8.2367999693751

A.2 Comments