

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57928 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 11 2012

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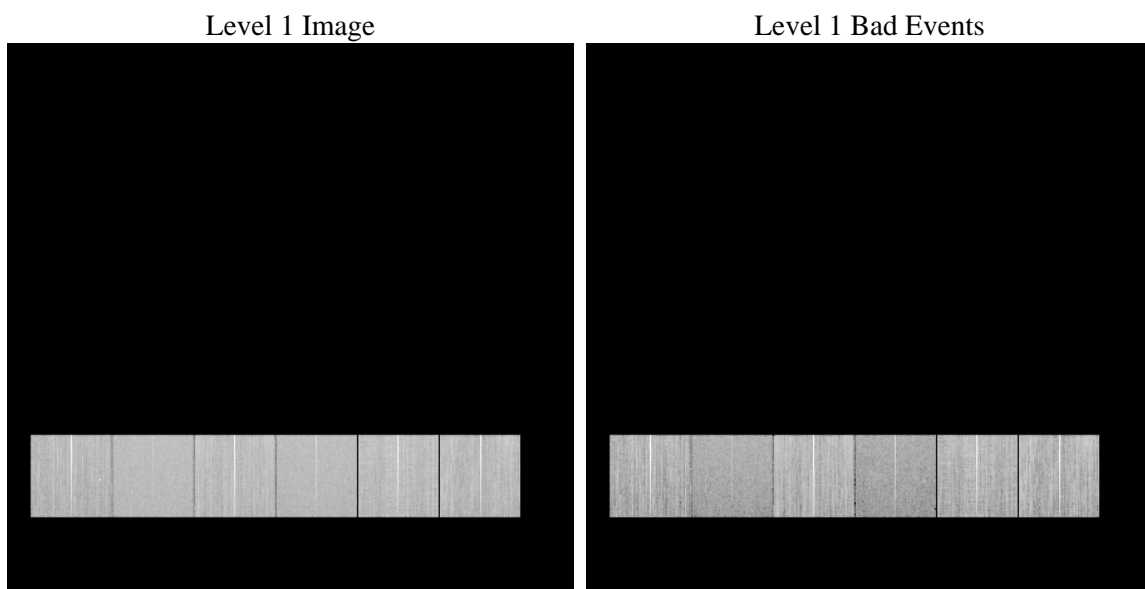
1 Front

seq_num	 	Sequence number
obs_id	57928	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	165.02655632812	Nominal RA [deg]
dec_nom	-20.78655289144	Nominal Dec [deg]
roll_nom	353.46328989104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8270.2029260397	Sum of GTIs [s]
livetime	8165.4806368718	Livetime [s]
ontime4	6727.6131188273	Sum of GTIs [s]
ontime5	8270.243966043	Sum of GTIs [s]
ontime6	7134.4114093781	Sum of GTIs [s]
ontime7	8270.2029260397	Sum of GTIs [s]
ontime8	7429.3415396214	Sum of GTIs [s]
ontime9	6883.0166629553	Sum of GTIs [s]
l2events	608752	Number of level 2 events

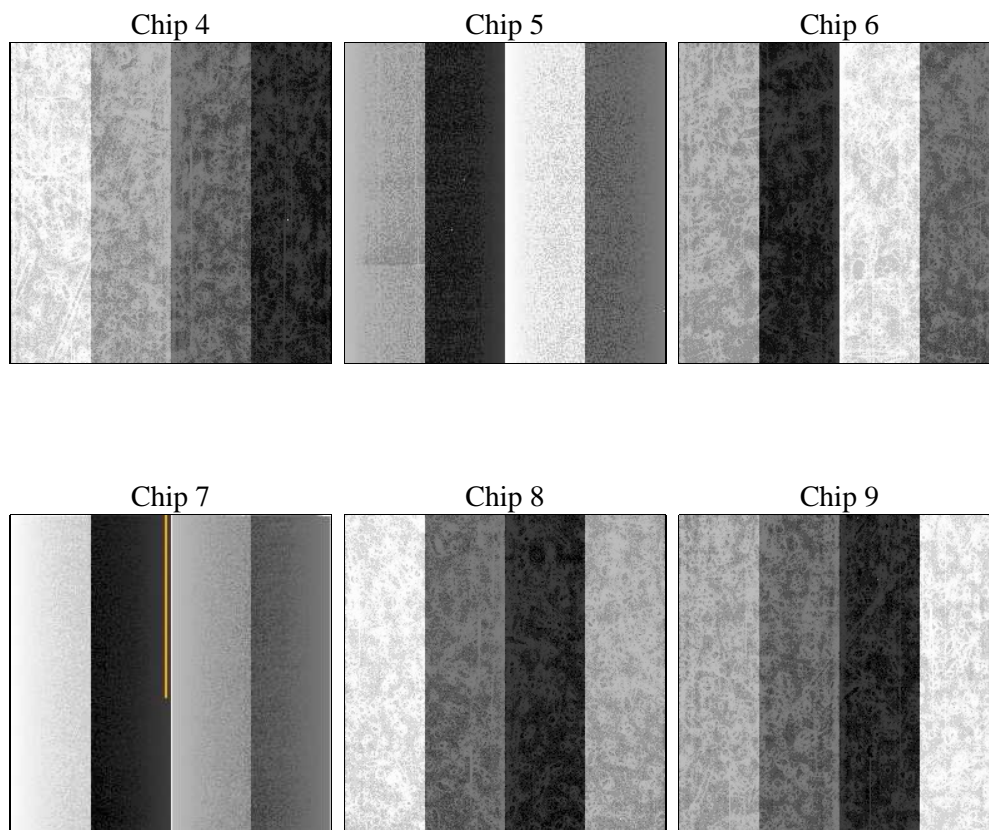
2 OBI

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	8270.2029260397	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	6727.6131188273	Sum of GTIs [s]
date	2012-05-11T03:23:57	Date and time of file creation	ontime5	8270.243966043	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7134.4114093781	Sum of GTIs [s]
			ontime7	8270.2029260397	Sum of GTIs [s]
			ontime8	7429.3415396214	Sum of GTIs [s]
			ontime9	6883.0166629553	Sum of GTIs [s]
			l1events	1488001	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	229013	240499	266513	233919	269192	248865	grade 0 events	46725	21402	48838	28252	54522	46201
rejected events	145077	102231	173249	90697	161568	162378		20%	8%	18%	12%	20%	18%
rejected %	63%	42%	65%	38%	60%	65%	grade 1 events	481	171	332	153	397	350
								0%	0%	0%	0%	0%	0%
							grade 2 events	15055	51954	17328	34654	20215	15542
								6%	21%	6%	14%	7%	6%
							grade 3 events	5749	6928	5848	13092	7416	5630
								2%	2%	2%	5%	2%	2%
							grade 4 events	5667	6875	5954	13163	7281	5679
								2%	2%	2%	5%	2%	2%
							grade 5 events	3499	9775	3789	10930	4978	4008
								1%	4%	1%	4%	1%	1%
							grade 6 events	10740	51109	15296	54061	18190	13435
								4%	21%	5%	23%	6%	5%
							grade 7 events	141097	92285	169128	79614	156193	158020
								61%	38%	63%	34%	58%	63%

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	165.0265563281184
[deg] Pointing Dec	0	-20.78655289143978
[deg] Pointing Roll	0.0	353.4632898910355
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	321250848.992754	321250847.96776
Observation start date	2008-03-07T04:20:49	2008-03-07T04:20:47
[s] Observation end time (MET)	321273327.243847	321273326.21885
Observation end date	2008-03-07T10:35:27	2008-03-07T10:35:26
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2702029260397

A.2 Comments