

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57518 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 23 2012

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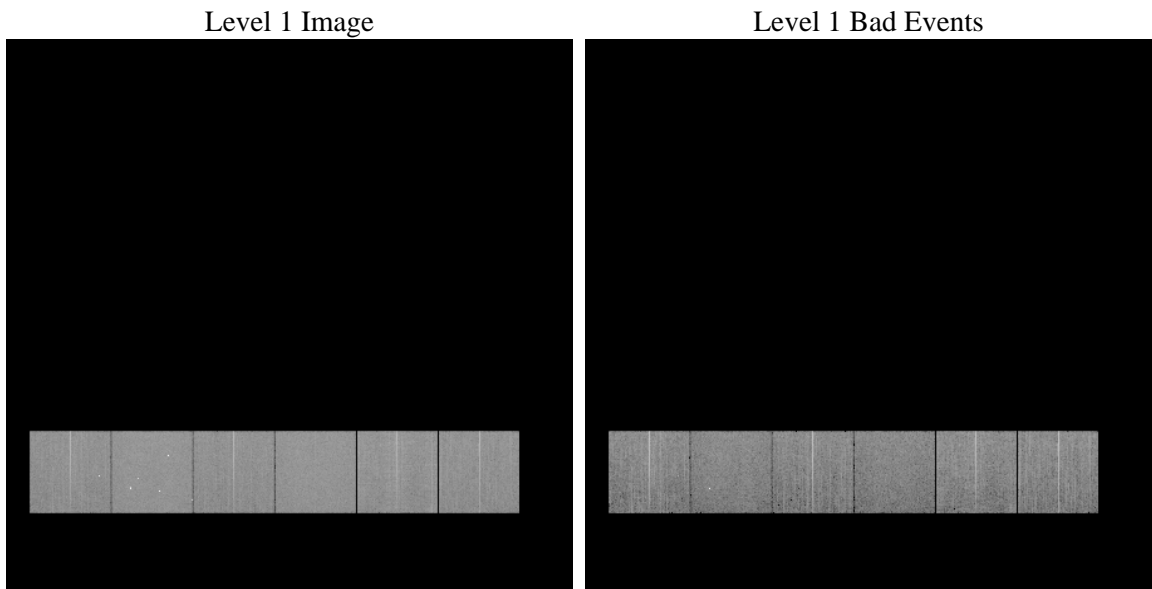
1 Front

seq_num	 	Sequence number
obs_id	57518	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	69.473224980024	Nominal RA [deg]
dec_nom	28.516487716081	Nominal Dec [deg]
roll_nom	112.12425679949	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7788.7590007186	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7788.7589907646	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7788.7589808106	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	620861	Number of level 2 events

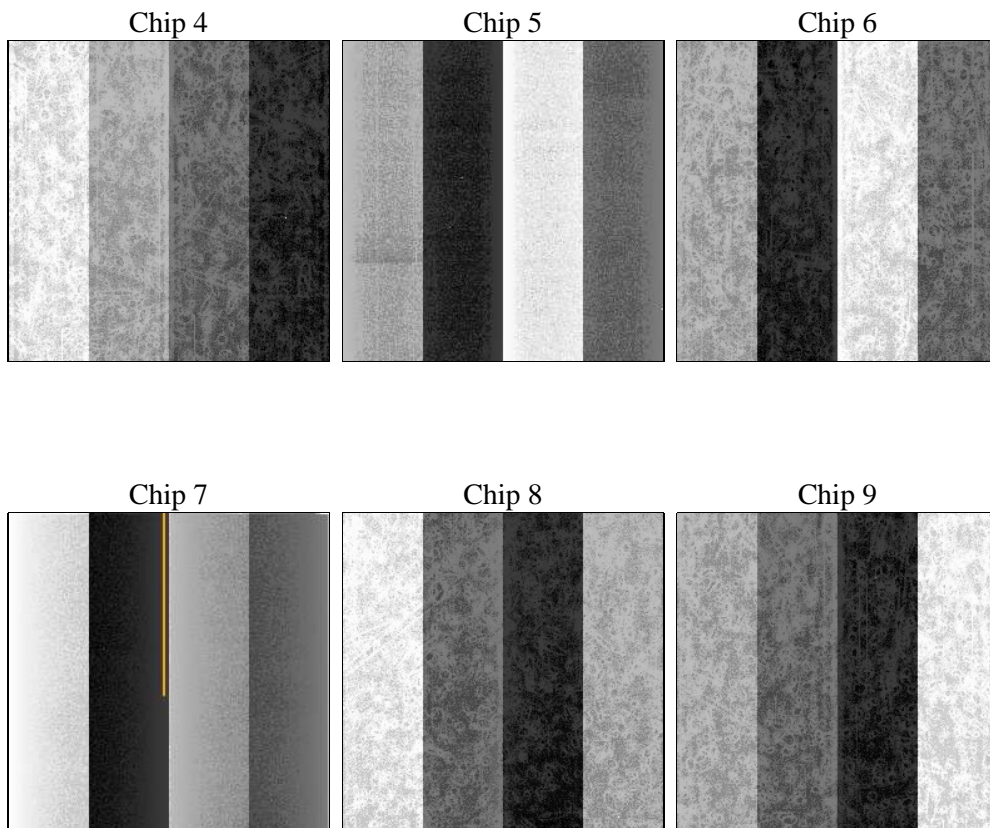
2 OBI

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	7788.7590007186	Sum of GTIs [s]
date	2012-05-23T15:48:59	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7788.7589907646	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7788.7589808106	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1128771	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	177097	202683	175783	195777	197135	180296	grade 0 events	55102	24441	52075	26927	57776	52783
rejected events	79723	70469	74769	65028	81402	81005		31%	12%	29%	13%	29%	29%
rejected %	45%	34%	42%	33%	41%	44%	grade 1 events	514	344	341	131	392	447
								0%	0%	0%	0%	0%	0%
							grade 2 events	15514	46381	18256	28574	20915	17084
								8%	22%	10%	14%	10%	9%
							grade 3 events	6647	6292	6454	12039	8078	6374
								3%	3%	3%	6%	4%	3%
							grade 4 events	6550	6158	6404	11963	7974	6386
								3%	3%	3%	6%	4%	3%
							grade 5 events	4213	9968	4239	10730	5691	4805
								2%	4%	2%	5%	2%	2%
							grade 6 events	13616	49003	17865	51295	21054	16709
								7%	24%	10%	26%	10%	9%
							grade 7 events	74941	60096	70149	54118	75255	75708
								42%	29%	39%	27%	38%	41%

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	69.47322498002357
[deg] Pointing Dec	0	28.51648771608073
[deg] Pointing Roll	0.0	112.124256799494
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	342689093.30205	342689092.27704
Observation start date	2008-11-10T07:24:53	2008-11-10T07:24:52
[s] Observation end time (MET)	342703320.302752	342703319.27774
Observation end date	2008-11-10T11:22:00	2008-11-10T11:21:59
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments