

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57614 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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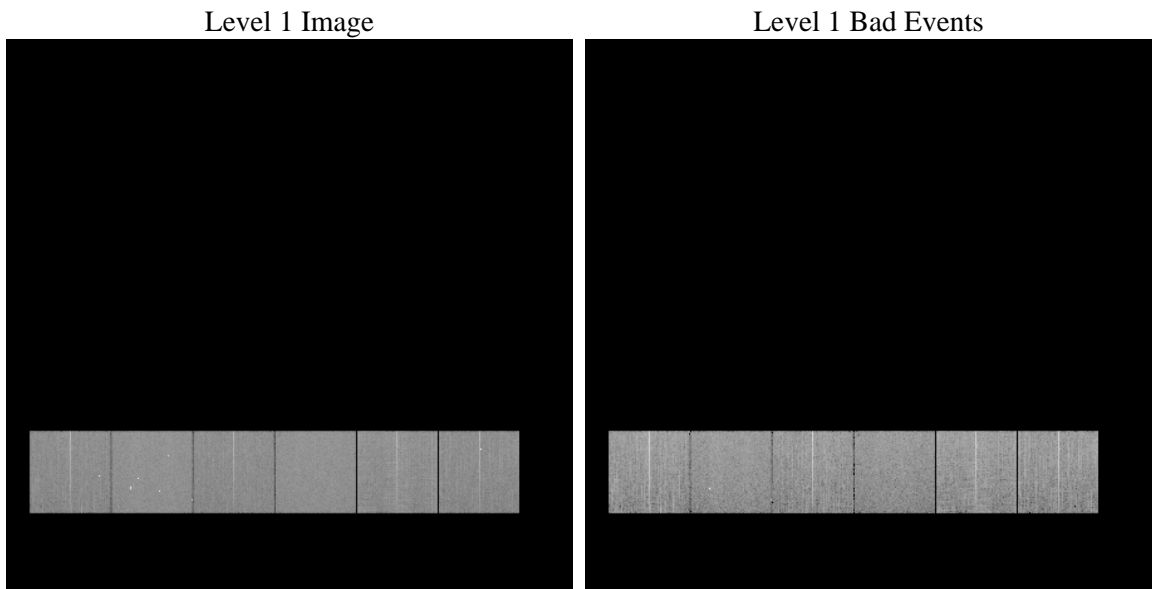
1 Front

seq_num	 	Sequence number
obs_id	57614	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	349.96616985099	Nominal RA [deg]
dec_nom	-19.124016835557	Nominal Dec [deg]
roll_nom	4.0180923512641	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7788.7999710441	Sum of GTIs [s]
livetime	7690.1734959584	Livetime [s]
ontime4	7788.7999710441	Sum of GTIs [s]
ontime5	7788.7999710441	Sum of GTIs [s]
ontime6	7785.5590007305	Sum of GTIs [s]
ontime7	7788.7999710441	Sum of GTIs [s]
ontime8	7788.7999710441	Sum of GTIs [s]
ontime9	7788.7999710441	Sum of GTIs [s]
l2events	558018	Number of level 2 events

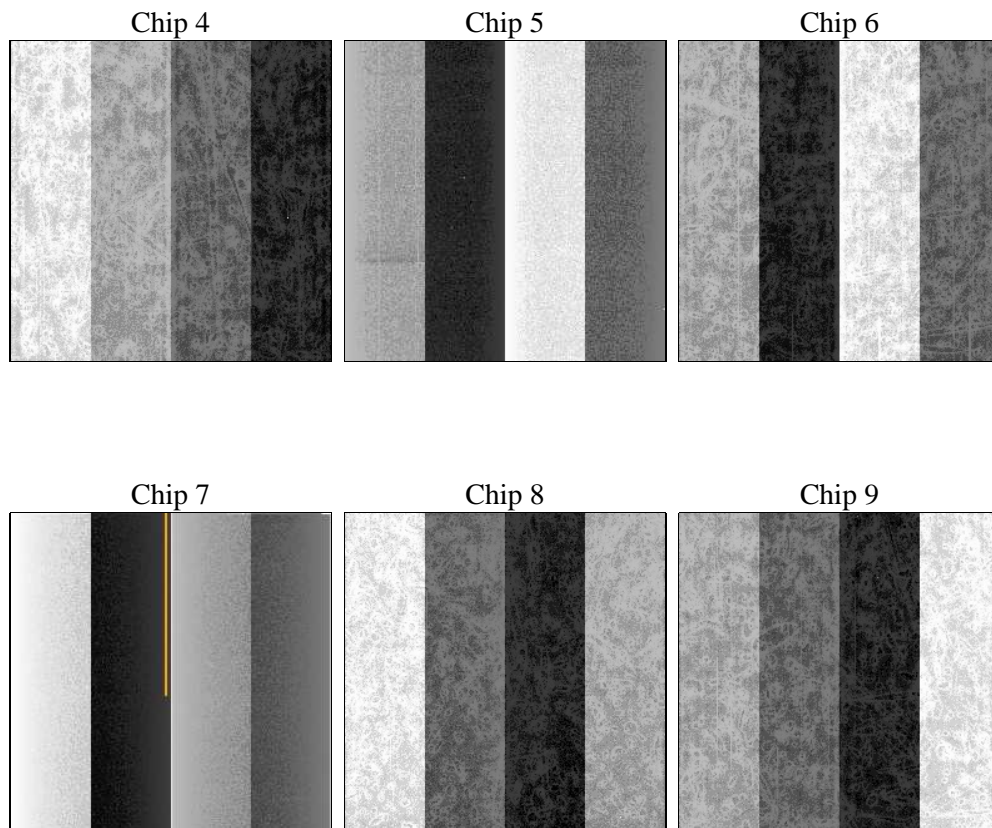
2 OBI

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	7788.7999710441	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7788.7999710441	Sum of GTIs [s]
date	2012-05-21T06:49:52	Date and time of file creation	ontime5	7788.7999710441	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7785.5590007305	Sum of GTIs [s]
			ontime7	7788.7999710441	Sum of GTIs [s]
			ontime8	7788.7999710441	Sum of GTIs [s]
			ontime9	7788.7999710441	Sum of GTIs [s]
			l1events	1045020	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	164125	190216	162016	183943	180653	164067	grade 0 events	49058	22045	47505	24218	51365	46681
rejected events	78879	67932	72215	62527	78450	74940		29%	11%	29%	13%	28%	28%
rejected %	48%	35%	44%	33%	43%	45%	grade 1 events	472	301	327	140	323	383
								0%	0%	0%	0%	0%	0%
							grade 2 events	13707	42677	15848	26840	18671	17366
								8%	22%	9%	14%	10%	10%
							grade 3 events	5716	5737	5794	11583	7244	5904
								3%	3%	3%	6%	4%	3%
							grade 4 events	5952	5641	5886	11381	7382	5734
								3%	2%	3%	6%	4%	3%
							grade 5 events	4056	9249	4216	10213	5405	4617
								2%	4%	2%	5%	2%	2%
							grade 6 events	10853	46251	14810	47455	17584	13486
								6%	24%	9%	25%	9%	8%
							grade 7 events	74311	58315	67630	52113	72679	69896
								45%	30%	41%	28%	40%	42%

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	349.9661698509934
[deg] Pointing Dec	0	-19.1240168355569
[deg] Pointing Roll	0.0	4.018092351264106
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	337434233.743192	337434232.7182
Observation start date	2008-09-10T11:43:54	2008-09-10T11:43:52
[s] Observation end time (MET)	337451744.844052	337451743.81906
Observation end date	2008-09-10T16:35:45	2008-09-10T16:35:43
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)	2012.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7887999710441

A.2 Comments