

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52638 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 16 2014

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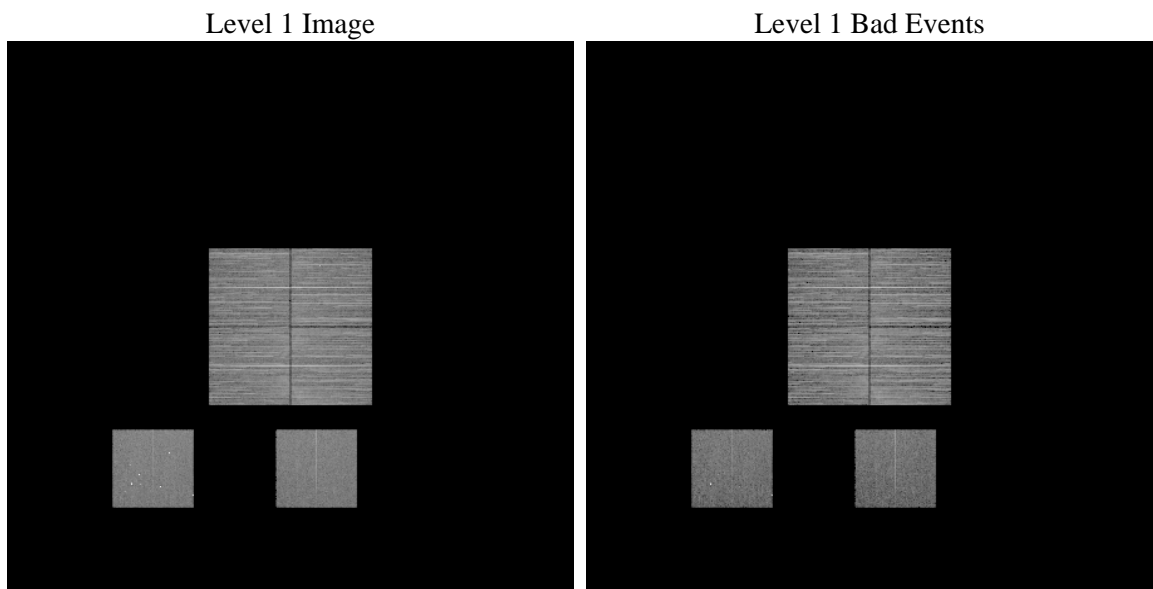
1 Front

seq_num	 	Sequence number
obs_id	52638	Observation id
title	ACIS-012357 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	295.51231791138	Nominal RA [deg]
dec_nom	7.6753279169755	Nominal Dec [deg]
roll_nom	178.26499747355	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8133.6349747181	Sum of GTIs [s]
livetime	8030.6419911812	Livetime [s]
ontime0	8133.5939347148	Sum of GTIs [s]
ontime1	8133.5528947115	Sum of GTIs [s]
ontime2	8133.5118547082	Sum of GTIs [s]
ontime3	8133.6760147214	Sum of GTIs [s]
ontime5	8133.4708147049	Sum of GTIs [s]
ontime7	8133.6349747181	Sum of GTIs [s]
l2events	191349	Number of level 2 events

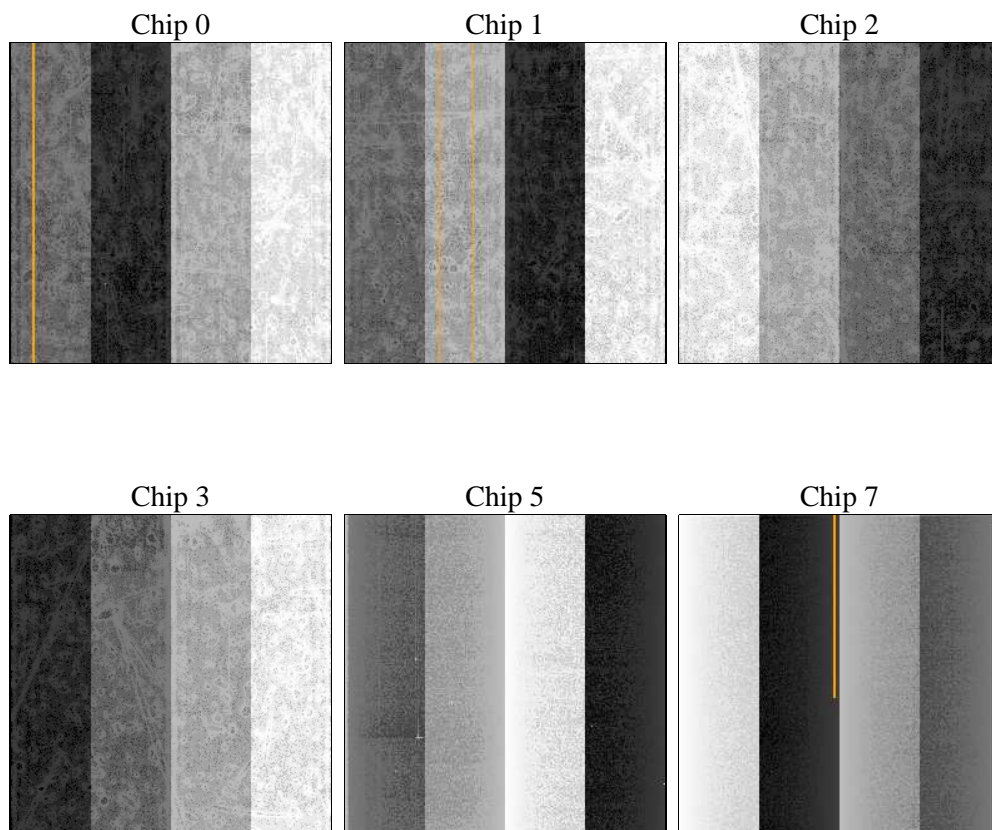
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	8133.6349747181	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8133.5939347148	Sum of GTIs [s]
date	2014-07-16T14:19:06	Date and time of file creation	ontime1	8133.5528947115	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8133.5118547082	Sum of GTIs [s]
			ontime3	8133.6760147214	Sum of GTIs [s]
			ontime5	8133.4708147049	Sum of GTIs [s]
			ontime7	8133.6349747181	Sum of GTIs [s]
			l1events	822836	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	134868	144363	145250	154073	131908	112374	grade 0 events	12762	12363	13156	13256	11976	6661
rejected events	109543	118522	119855	128561	71473	63756		9%	8%	9%	8%	9%	5%
rejected %	81%	82%	82%	83%	54%	56%	grade 1 events	66	58	90	74	292	61
								0%	0%	0%	0%	0%	0%
							grade 2 events	5367	6249	5179	5116	19875	12359
								3%	4%	3%	3%	15%	10%
							grade 3 events	1826	1621	1749	1848	1908	3900
								1%	1%	1%	1%	1%	3%
							grade 4 events	1661	1639	1789	1741	1815	3830
								1%	1%	1%	1%	1%	3%
							grade 5 events	2585	2643	2533	2875	5871	6634
								1%	1%	1%	1%	4%	5%
							grade 6 events	4255	4511	4043	4114	26084	22884
								3%	3%	2%	2%	19%	20%
							grade 7 events	106346	115279	116711	125049	64087	56045
								78%	79%	80%	81%	48%	49%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	295.5123179113813
[deg] Pointing Dec	0	7.675327916975499
[deg] Pointing Roll	0.0	178.2649974735549
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	521832297.326713	521832297.326713
Observation start date	2014-07-15T17:24:57	2014-07-15T17:24:57
[s] Observation end time (MET)	521842356.560791	521842356.560791
Observation end date	2014-07-15T20:12:37	2014-07-15T20:12:36
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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)	2014.07.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1336349747181

A.2 Comments