

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 53071 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 23 2014

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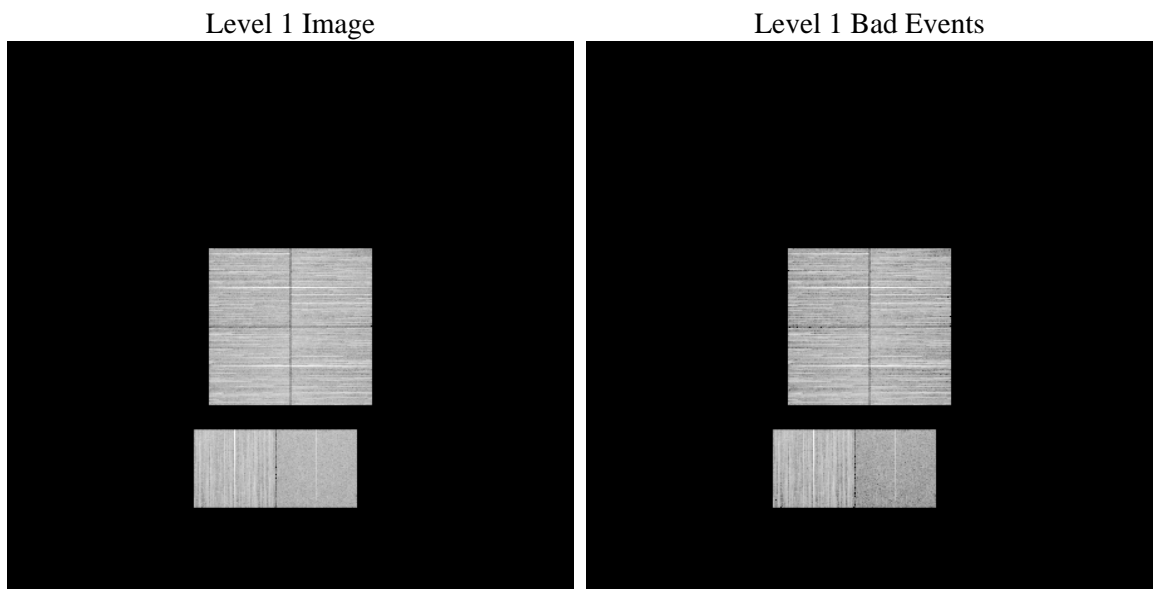
1 Front

seq_num	 	Sequence number
obs_id	53071	Observation id
title	ACIS-012367 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	265.5557227554	Nominal RA [deg]
dec_nom	10.407713789956	Nominal Dec [deg]
roll_nom	52.066527757897	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8101.065901041	Sum of GTIs [s]
livetime	7998.4853267258	Livetime [s]
ontime0	8101.0248610377	Sum of GTIs [s]
ontime1	8100.9838210344	Sum of GTIs [s]
ontime2	8100.9427810311	Sum of GTIs [s]
ontime3	8101.1069410443	Sum of GTIs [s]
ontime6	8100.9017410278	Sum of GTIs [s]
ontime7	8101.065901041	Sum of GTIs [s]
l2events	178378	Number of level 2 events

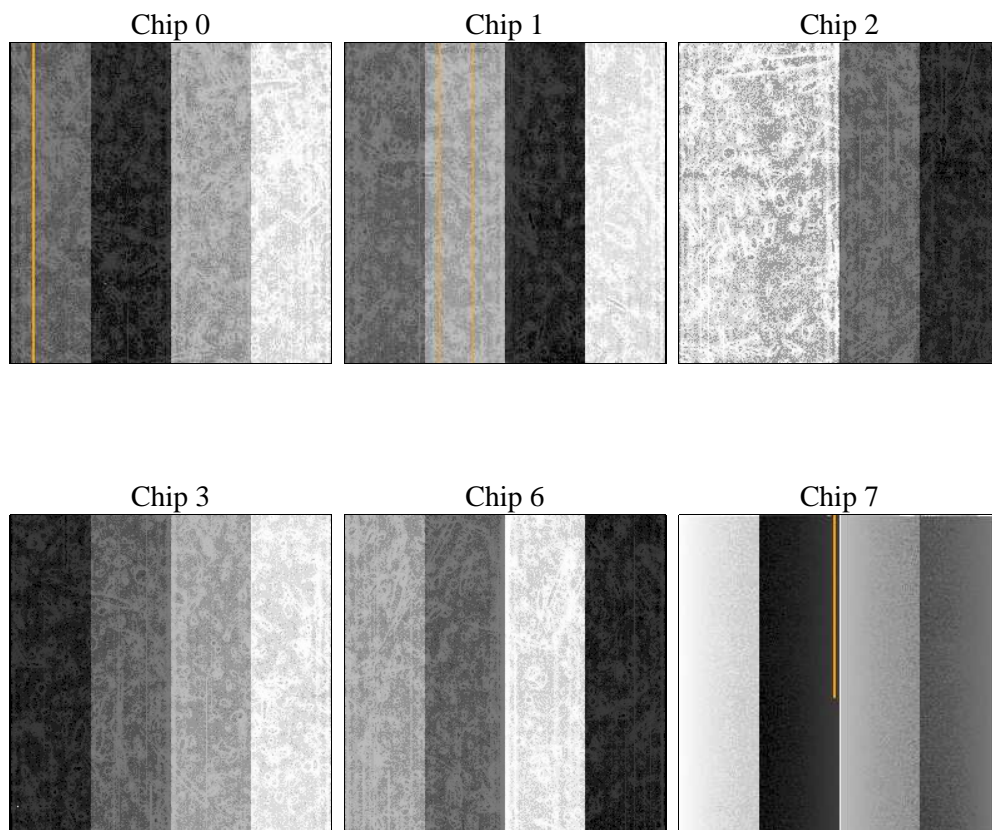
2 OBI

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	10.2.1	Processing system revision	ontime	8101.065901041	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8101.0248610377	Sum of GTIs [s]
date	2014-01-23T20:51:06	Date and time of file creation	ontime1	8100.9838210344	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8100.9427810311	Sum of GTIs [s]
			ontime3	8101.1069410443	Sum of GTIs [s]
			ontime6	8100.9017410278	Sum of GTIs [s]
			ontime7	8101.065901041	Sum of GTIs [s]
			l1events	904123	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	142966	159748	161245	157772	163714	118678	grade 0 events	12885	11297	13643	13535	11340	6731
rejected events	115557	132782	133923	130074	135372	67334		9%	7%	8%	8%	6%	5%
rejected %	80%	83%	83%	82%	82%	56%	grade 1 events	70	49	80	57	50	80
								0%	0%	0%	0%	0%	0%
							grade 2 events	7113	8060	6482	6579	8966	12790
								4%	5%	4%	4%	5%	10%
							grade 3 events	1736	1567	1747	1784	1583	4019
								1%	0%	1%	1%	0%	3%
							grade 4 events	1658	1544	1697	1847	1421	3814
								1%	0%	1%	1%	0%	3%
							grade 5 events	2535	2408	2426	2821	2392	6662
								1%	1%	1%	1%	1%	5%
							grade 6 events	4624	5167	4384	4583	5683	25203
								3%	3%	2%	2%	3%	21%
							grade 7 events	112345	129656	130786	126566	132279	59379
								78%	81%	81%	80%	80%	50%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	265.5557227553997
[deg] Pointing Dec	0	10.40771378995639
[deg] Pointing Roll	0.0	52.06652775789657
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)	506783832.796355	506783832.796355
Observation start date	2014-01-22T13:17:13	2014-01-22T13:17:12
[s] Observation end time (MET)	506794990.146659	506794990.146659
Observation end date	2014-01-22T16:23:10	2014-01-22T16:23:10
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)	2014.01.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.101065901041

A.2 Comments