

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52716 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 11 2014

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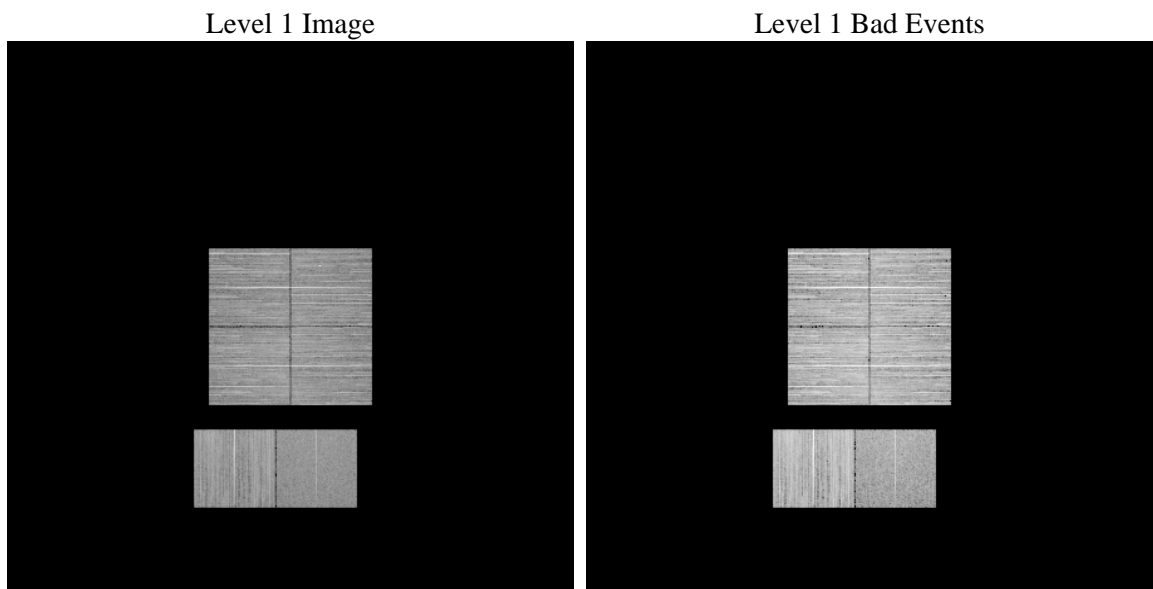
1 Front

seq_num	 	Sequence number
obs_id	52716	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	249.44392292702	Nominal RA [deg]
dec_nom	-1.8149299913497	Nominal Dec [deg]
roll_nom	203.34735215238	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8265.562514782	Sum of GTIs [s]
livetime	8160.8989852956	Livetime [s]
ontime0	8265.5214747787	Sum of GTIs [s]
ontime1	8265.4804347754	Sum of GTIs [s]
ontime2	8265.4393947721	Sum of GTIs [s]
ontime3	8265.5999692678	Sum of GTIs [s]
ontime6	8265.3983547688	Sum of GTIs [s]
ontime7	8265.562514782	Sum of GTIs [s]
l2events	174916	Number of level 2 events

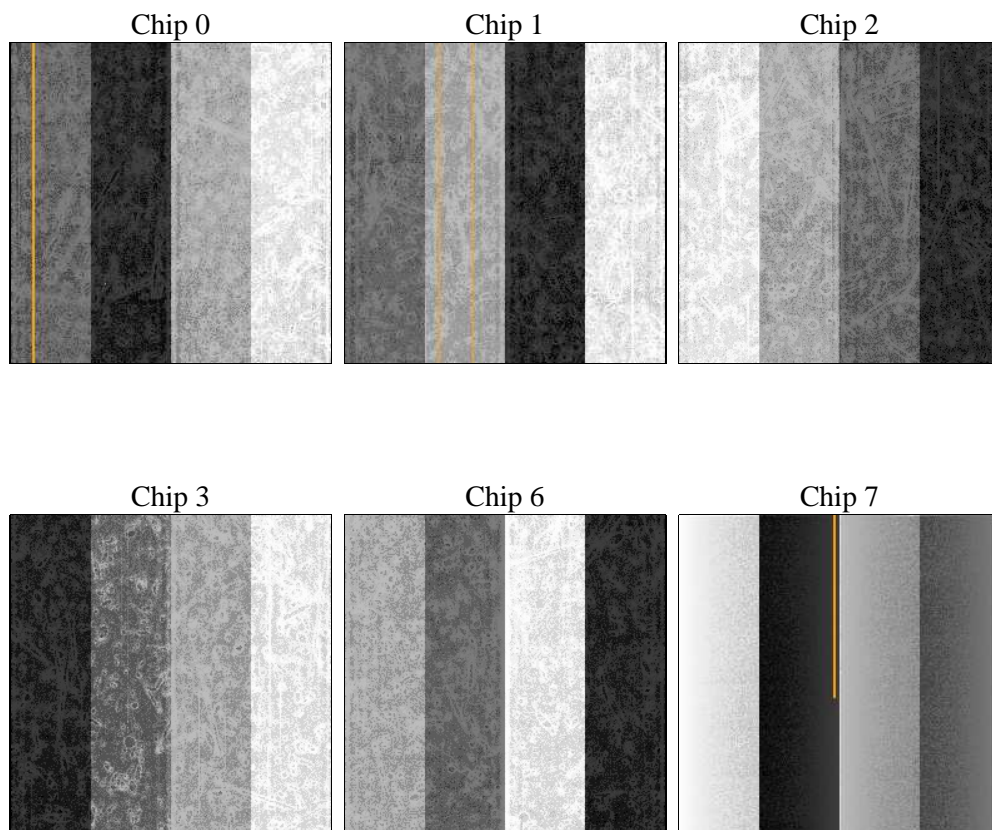
2 OBI

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	10.2.2	Processing system revision	ontime	8265.562514782	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	8265.5214747787	Sum of GTIs [s]
date	2014-06-11T20:32:34	Date and time of file creation	ontime1	8265.4804347754	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8265.4393947721	Sum of GTIs [s]
			ontime3	8265.5999692678	Sum of GTIs [s]
			ontime6	8265.3983547688	Sum of GTIs [s]
			ontime7	8265.562514782	Sum of GTIs [s]
			l1events	839272	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	136117	137363	154438	142185	150439	118730	grade 0 events	13180	13897	13405	13478	13500	7310
rejected events	109838	109943	128202	115883	122766	65873		9%	10%	8%	9%	8%	6%
rejected %	80%	80%	83%	81%	81%	55%	grade 1 events	72	60	79	83	62	95
								0%	0%	0%	0%	0%	0%
							grade 2 events	5295	5573	5159	5107	5712	12951
								3%	4%	3%	3%	3%	10%
							grade 3 events	1799	1797	1861	1859	1787	4481
								1%	1%	1%	1%	1%	3%
							grade 4 events	1775	1787	1773	1911	1840	4297
								1%	1%	1%	1%	1%	3%
							grade 5 events	2776	2838	2636	3073	2974	7676
								2%	2%	1%	2%	1%	6%
							grade 6 events	4308	4460	4107	4059	4913	23983
								3%	3%	2%	2%	3%	20%
							grade 7 events	106912	106951	125418	112615	119651	57937
								78%	77%	81%	79%	79%	48%

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	249.4439229270181
[deg] Pointing Dec	0	-1.814929991349728
[deg] Pointing Roll	0.0	203.3473521523835
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)	518859077.612136	518859077.612136
Observation start date	2014-06-11T07:31:18	2014-06-11T07:31:17
[s] Observation end time (MET)	518868624.137004	518868624.137004
Observation end date	2014-06-11T10:10:24	2014-06-11T10:10:24
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2014.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.265562514782

A.2 Comments