

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52470 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Sep 15 2014

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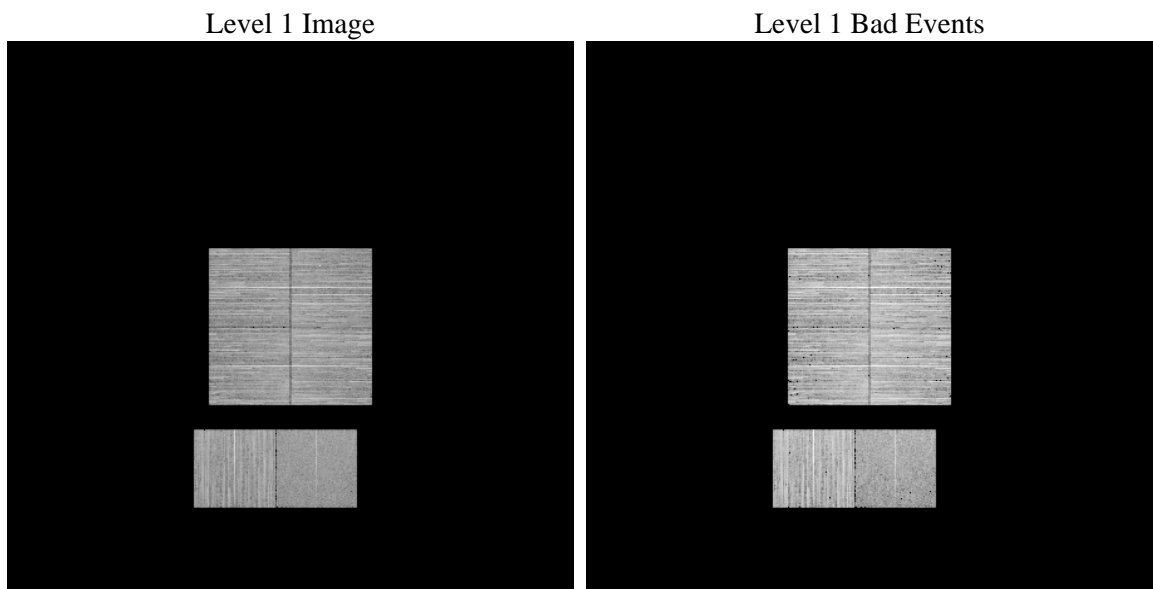
1 Front

seq_num	 	Sequence number
obs_id	52470	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	334.99059357285	Nominal RA [deg]
dec_nom	18.972617584205	Nominal Dec [deg]
roll_nom	218.9272281683	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5849.340033412	Sum of GTIs [s]
livetime	5775.2721678592	Livetime [s]
ontime0	5849.2989934087	Sum of GTIs [s]
ontime1	5849.2579534054	Sum of GTIs [s]
ontime2	5849.2169134021	Sum of GTIs [s]
ontime3	5849.3810734153	Sum of GTIs [s]
ontime6	5849.1758733988	Sum of GTIs [s]
ontime7	5849.340033412	Sum of GTIs [s]
l2events	113500	Number of level 2 events

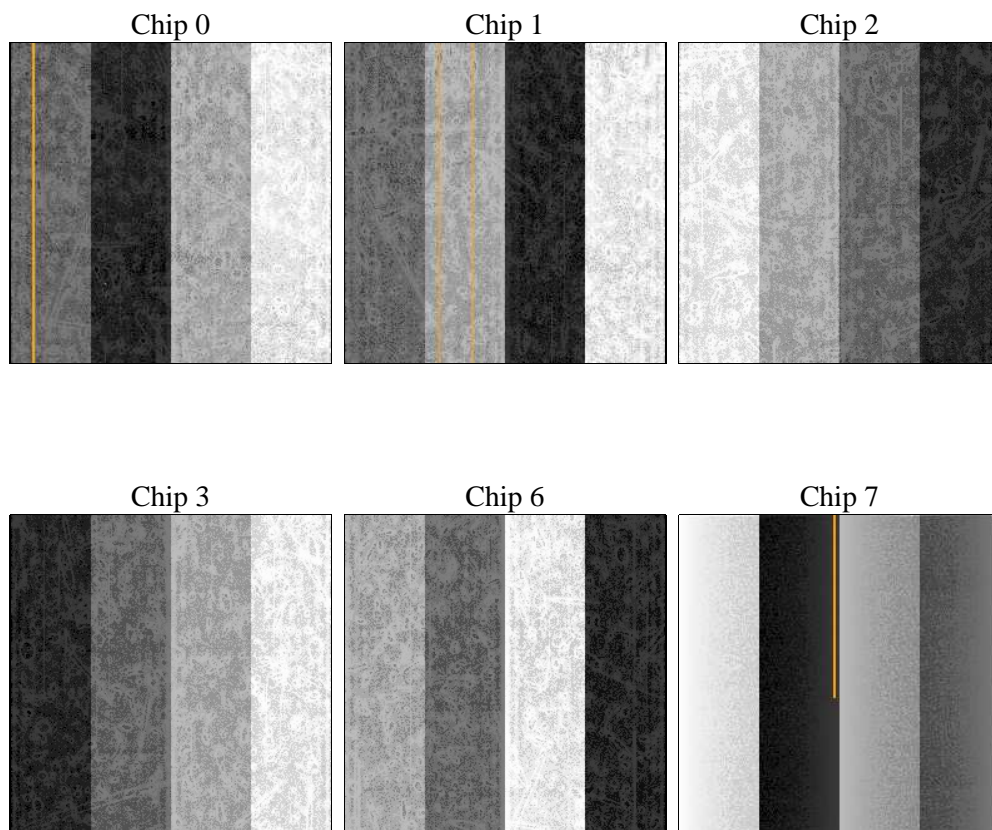
2 OBI

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	10.2.4	Processing system revision	ontime	5849.340033412	Sum of GTIs [s]
caldsver	4.6.3	 	ontime0	5849.2989934087	Sum of GTIs [s]
date	2014-09-15T06:17:26	Date and time of file creation	ontime1	5849.2579534054	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5849.2169134021	Sum of GTIs [s]
			ontime3	5849.3810734153	Sum of GTIs [s]
			ontime6	5849.1758733988	Sum of GTIs [s]
			ontime7	5849.340033412	Sum of GTIs [s]
			l1events	584372	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	99459	103947	95185	105690	99987	80104	grade 0 events	8472	8848	8885	9120	8385	4426
rejected events	82478	85778	77996	88226	82193	46639		8%	8%	9%	8%	8%	5%
rejected %	82%	82%	81%	83%	82%	58%	grade 1 events	31	27	61	64	42	52
								0%	0%	0%	0%	0%	0%
							grade 2 events	3643	4423	3607	3549	4242	8546
								3%	4%	3%	3%	4%	10%
							grade 3 events	1235	1104	1228	1268	1214	2603
								1%	1%	1%	1%	1%	3%
							grade 4 events	1167	1129	1238	1244	1055	2663
								1%	1%	1%	1%	1%	3%
							grade 5 events	1834	1792	1809	2088	1871	4678
								1%	1%	1%	1%	1%	5%
							grade 6 events	2933	3194	2754	2805	3414	16181
								2%	3%	2%	2%	3%	20%
							grade 7 events	80144	83430	75603	85552	79764	40955
								80%	80%	79%	80%	79%	51%

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	334.990593572848
[deg] Pointing Dec	0	18.97261758420484
[deg] Pointing Roll	0.0	218.9272281683021
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)	527089897.768258	527089897.768258
Observation start date	2014-09-14T13:51:38	2014-09-14T13:51:37
[s] Observation end time (MET)	527097162.917362	527097162.917362
Observation end date	2014-09-14T15:52:43	2014-09-14T15:52:42
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.849340033412

A.2 Comments