

V&V Reference Report

L2 ASCDS Version : 10.3.1

Observation 52263 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

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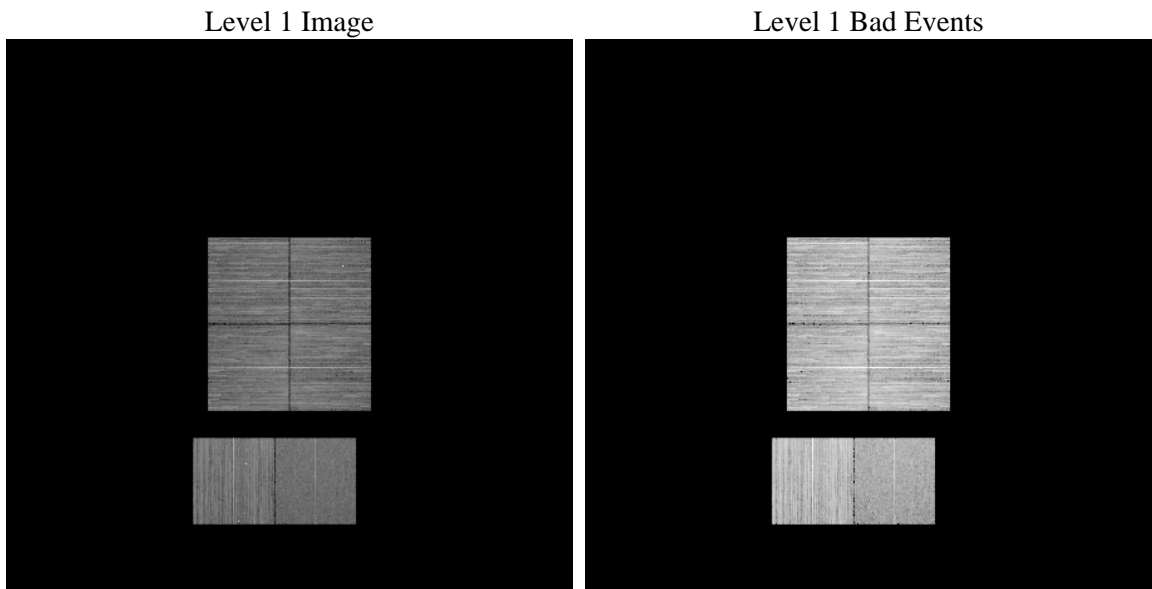
1 Front

seq_num	 	Sequence number
obs_id	52263	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	54.793650362574	Nominal RA [deg]
dec_nom	9.8954790847704	Nominal Dec [deg]
roll_nom	298.09160431015	Nominal Roll [deg]
revision	1	Processing version of data
ontime	7698.0829942226	Sum of GTIs [s]
livetime	7600.6052321207	Livetime [s]
ontime0	7698.0419542193	Sum of GTIs [s]
ontime1	7698.000914216	Sum of GTIs [s]
ontime2	7697.9598742127	Sum of GTIs [s]
ontime3	7698.1240342259	Sum of GTIs [s]
ontime6	7697.9188342094	Sum of GTIs [s]
ontime7	7698.0829942226	Sum of GTIs [s]
l2events	149533	Number of level 2 events

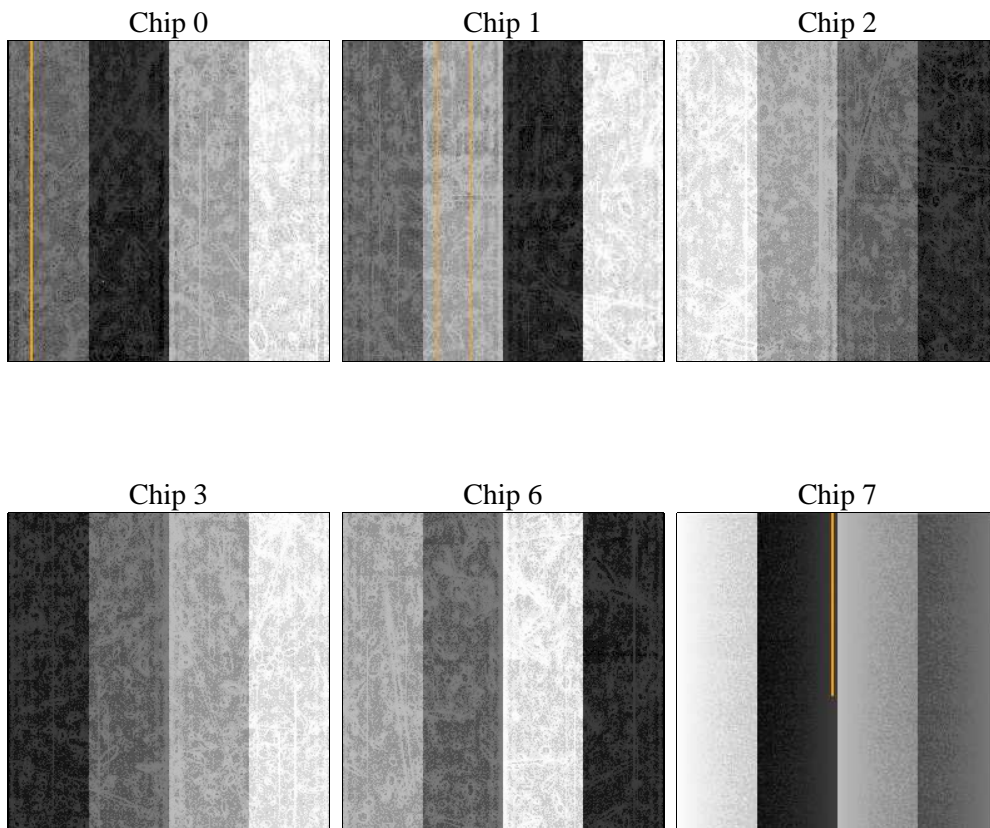
2 OBI

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	10.3.1	Processing system revision	ontime	7698.0829942226	Sum of GTIs [s]
caldbver	4.6.4	 	ontime0	7698.0419542193	Sum of GTIs [s]
date	2014-12-11T12:06:44	Date and time of file creation	ontime1	7698.000914216	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	7697.9598742127	Sum of GTIs [s]
			ontime3	7698.1240342259	Sum of GTIs [s]
			ontime6	7697.9188342094	Sum of GTIs [s]
			ontime7	7698.0829942226	Sum of GTIs [s]
			l1events	809530	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	129984	141791	139924	140746	146803	110282	grade 0 events	11377	15776	11703	11774	11990	6156
rejected events	107721	114343	117633	118165	120557	64878		8%	11%	8%	8%	8%	5%
rejected %	82%	80%	84%	83%	82%	58%	grade 1 events	61	78	74	61	66	80
								0%	0%	0%	0%	0%	0%
							grade 2 events	4714	5444	4624	4579	7748	11644
								3%	3%	3%	3%	5%	10%
							grade 3 events	1553	1570	1664	1615	1493	3654
								1%	1%	1%	1%	1%	3%
							grade 4 events	1582	1485	1577	1644	1530	3669
								1%	1%	1%	1%	1%	3%
							grade 5 events	2600	2557	2480	2920	2770	6711
								2%	1%	1%	2%	1%	6%
							grade 6 events	3879	4136	3582	3847	4476	21991
								2%	2%	2%	2%	3%	19%
							grade 7 events	104218	110745	114220	114306	116730	56377
								80%	78%	81%	81%	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	54.79365036257389
[deg] Pointing Dec	0	9.895479084770439
[deg] Pointing Roll	0.0	298.0916043101531
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)	534625288.187322	534625288.187322
Observation start date	2014-12-10T19:01:28	2014-12-10T19:01:28
[s] Observation end time (MET)	534633875.029512	534633875.029512
Observation end date	2014-12-10T21:24:35	2014-12-10T21:24:35
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)	2014.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.6980829942226

A.2 Comments