

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52322 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 14 2014

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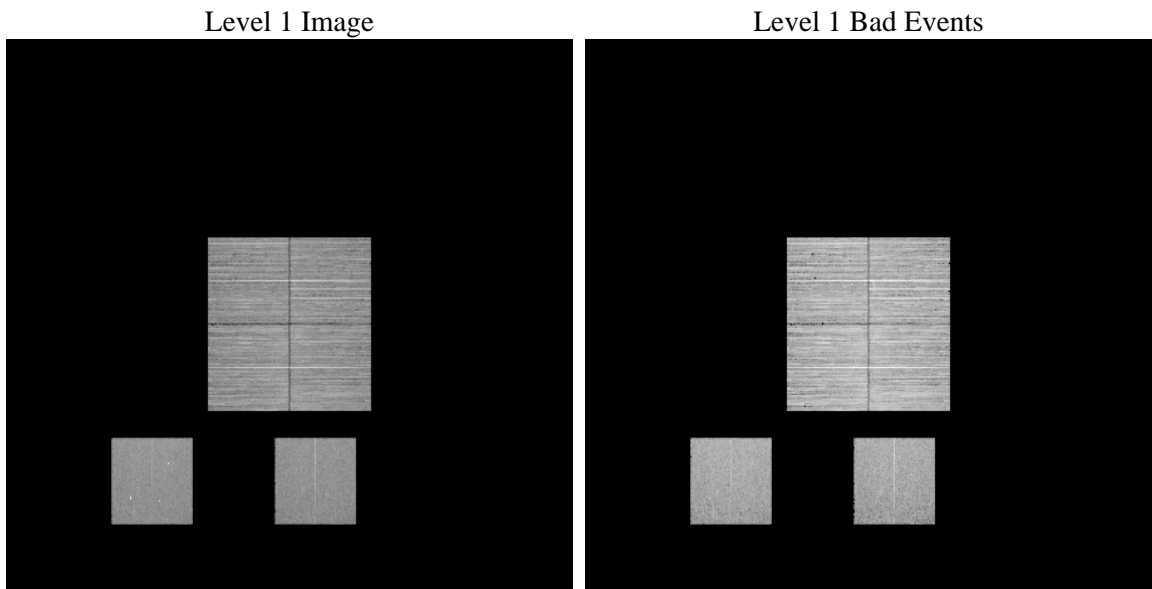
1 Front

seq_num	 	Sequence number
obs_id	52322	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	205.20512337239	Nominal RA [deg]
dec_nom	-63.040683276545	Nominal Dec [deg]
roll_nom	148.52852486509	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8059.6798155904	Sum of GTIs [s]
livetime	7957.6232968088	Livetime [s]
ontime0	8059.6387755871	Sum of GTIs [s]
ontime1	8059.5977355838	Sum of GTIs [s]
ontime2	8059.5566955805	Sum of GTIs [s]
ontime3	8059.7208555937	Sum of GTIs [s]
ontime5	8059.5156555772	Sum of GTIs [s]
ontime7	8059.6798155904	Sum of GTIs [s]
l2events	187307	Number of level 2 events

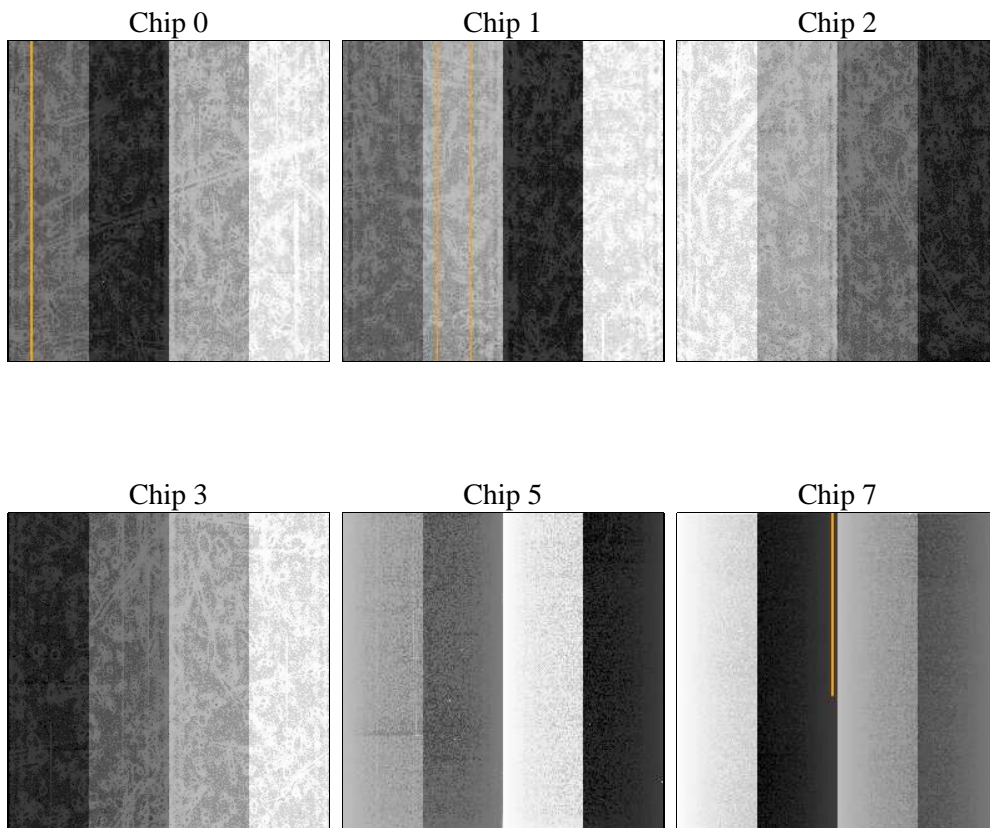
2 OBI

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	Processing system revision	ontime	8059.6798155904	Sum of GTIs [s]
caldsver	4.6.4	 	ontime0	8059.6387755871	Sum of GTIs [s]
date	2014-11-14T21:12:38	Date and time of file creation	ontime1	8059.5977355838	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8059.5566955805	Sum of GTIs [s]
			ontime3	8059.7208555937	Sum of GTIs [s]
			ontime5	8059.5156555772	Sum of GTIs [s]
			ontime7	8059.6798155904	Sum of GTIs [s]
			l1events	837878	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	137692	142934	155570	154744	127681	119257	grade 0 events	11976	11677	12477	12404	7197	6353
rejected events	114123	118869	131938	130895	72179	69855		8%	8%	8%	8%	5%	5%
rejected %	82%	83%	84%	84%	56%	58%	grade 1 events	61	62	77	85	158	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	5120	5592	4743	4751	19997	12614
								3%	3%	3%	3%	15%	10%
							grade 3 events	1653	1681	1686	1721	1742	3949
								1%	1%	1%	1%	1%	3%
							grade 4 events	1645	1675	1705	1788	1678	3925
								1%	1%	1%	1%	1%	3%
							grade 5 events	2966	2814	2809	3229	5767	7536
								2%	1%	1%	2%	4%	6%
							grade 6 events	3897	4114	3706	3870	26444	23923
								2%	2%	2%	2%	20%	20%
							grade 7 events	110374	115319	128367	126896	64698	60867
								80%	80%	82%	82%	50%	51%

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	205.2051233723907
[deg] Pointing Dec	0	-63.04068327654478
[deg] Pointing Roll	0.0	148.5285248650929
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)	532342783.210199	532342783.210199
Observation start date	2014-11-14T08:59:43	2014-11-14T08:59:43
[s] Observation end time (MET)	532352330.83402	532352330.83402
Observation end date	2014-11-14T11:38:51	2014-11-14T11:38:50
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)	2014.11.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0596798155904

A.2 Comments