

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 51842 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 9 2015

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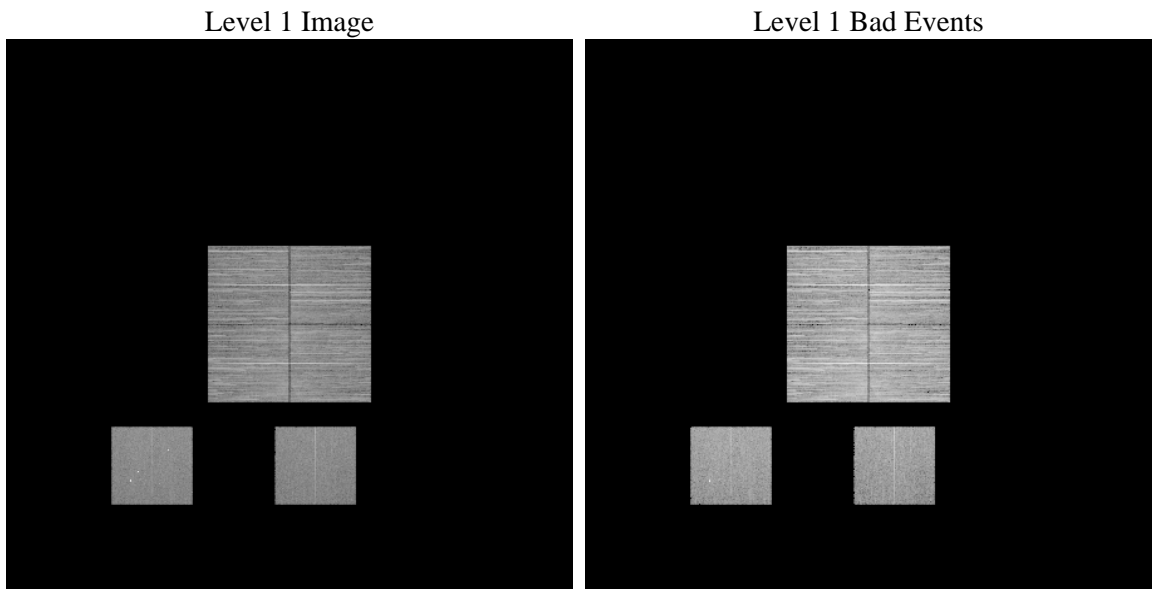
1 Front

seq_num	 	Sequence number
obs_id	51842	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	257.91204348265	Nominal RA [deg]
dec_nom	-49.290010107601	Nominal Dec [deg]
roll_nom	144.00413959925	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8155.8224294186	Sum of GTIs [s]
livetime	8052.5484949706	Livetime [s]
ontime0	8155.7813893557	Sum of GTIs [s]
ontime1	8155.740349412	Sum of GTIs [s]
ontime2	8152.4583286047	Sum of GTIs [s]
ontime3	8155.8634693623	Sum of GTIs [s]
ontime5	8155.6582694054	Sum of GTIs [s]
ontime7	8155.8224294186	Sum of GTIs [s]
l2events	178459	Number of level 2 events

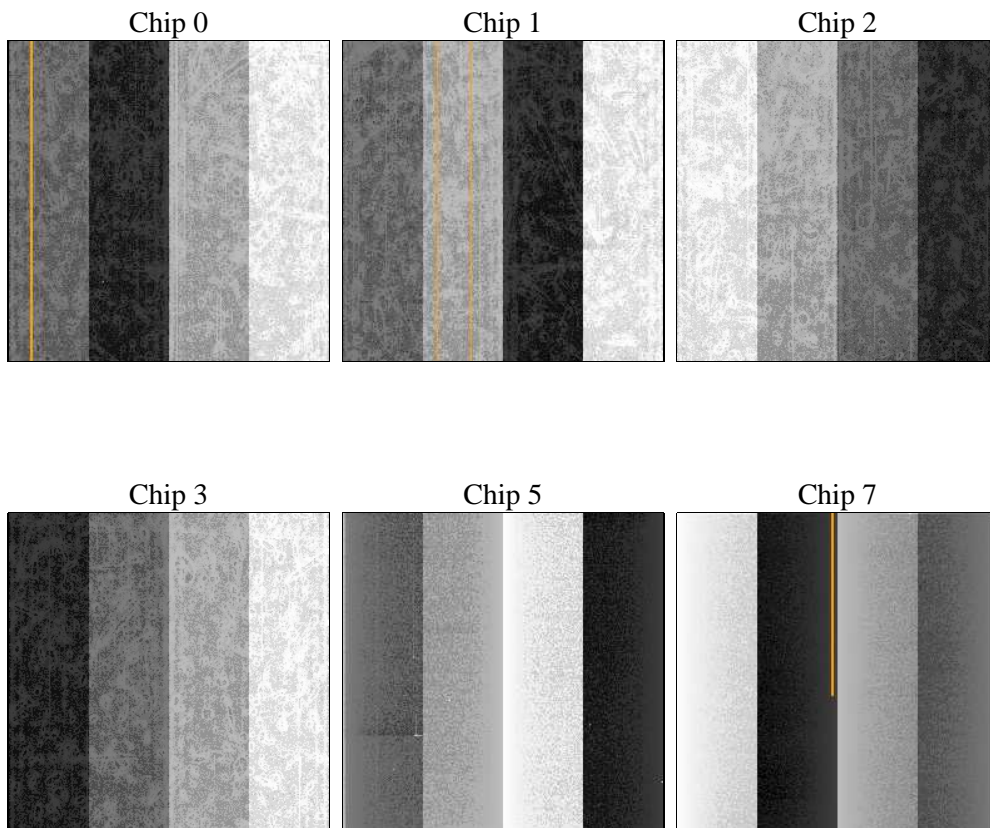
2 OBI

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	10.4	Processing system revision	ontime	8155.8224294186	Sum of GTIs [s]
caldsver	4.6.7	 	ontime0	8155.7813893557	Sum of GTIs [s]
date	2015-06-09T04:44:59	Date and time of file creation	ontime1	8155.740349412	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8152.4583286047	Sum of GTIs [s]
			ontime3	8155.8634693623	Sum of GTIs [s]
			ontime5	8155.6582694054	Sum of GTIs [s]
			ontime7	8155.8224294186	Sum of GTIs [s]
			l1events	824784	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	139851	139111	152779	147214	128263	117566	grade 0 events	10754	10514	11313	11003	7521	6168
rejected events	118035	117083	130701	125417	72721	69166		7%	7%	7%	7%	5%	5%
rejected %	84%	84%	85%	85%	56%	58%	grade 1 events	54	62	68	66	136	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	4749	4997	4543	4381	20089	12077
								3%	3%	2%	2%	15%	10%
							grade 3 events	1554	1511	1624	1613	1795	3918
								1%	1%	1%	1%	1%	3%
							grade 4 events	1495	1476	1488	1611	1674	3870
								1%	1%	0%	1%	1%	3%
							grade 5 events	2879	3034	2604	3285	6136	7488
								2%	2%	1%	2%	4%	6%
							grade 6 events	3604	3871	3435	3530	25330	23128
								2%	2%	2%	2%	19%	19%
							grade 7 events	114762	113646	127704	121725	65582	60816
								82%	81%	83%	82%	51%	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	257.9120434826548
[deg] Pointing Dec	0	-49.29001010760125
[deg] Pointing Roll	0.0	144.0041395992517
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)	550164477.656572	550164477.656572
Observation start date	2015-06-08T15:27:58	2015-06-08T15:27:57
[s] Observation end time (MET)	550174024.980498	550174024.980498
Observation end date	2015-06-08T18:07:05	2015-06-08T18:07:04
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)	2015.06.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.1558224294186

A.2 Comments