

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 52603 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 29 2014

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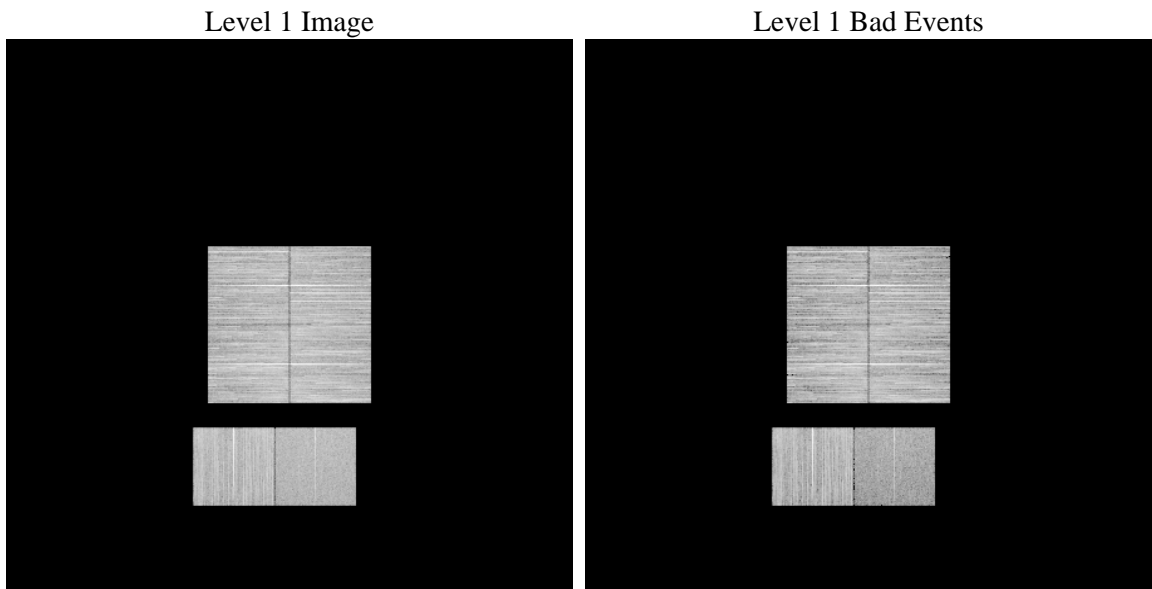
1 Front

seq_num	 	Sequence number
obs_id	52603	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	321.31414153186	Nominal RA [deg]
dec_nom	5.5816872975938	Nominal Dec [deg]
roll_nom	152.8447344815	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8229.8808951378	Sum of GTIs [s]
livetime	8125.6691878042	Livetime [s]
ontime0	8229.8398551345	Sum of GTIs [s]
ontime1	8229.7988151312	Sum of GTIs [s]
ontime2	8229.7577751279	Sum of GTIs [s]
ontime3	8229.9219351411	Sum of GTIs [s]
ontime6	8229.7167351246	Sum of GTIs [s]
ontime7	8229.8808951378	Sum of GTIs [s]
l2events	171425	Number of level 2 events

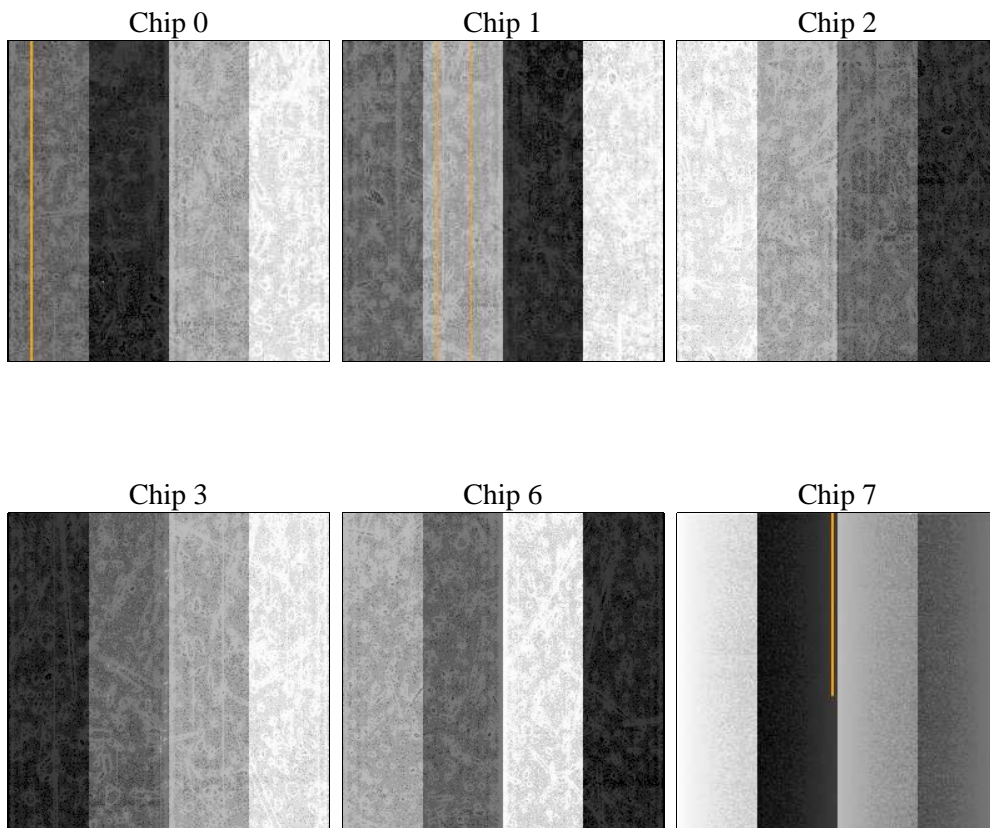
2 OBI

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	10.2.4	Processing system revision	ontime	8229.8808951378	Sum of GTIs [s]
caldsver	4.6.2	 	ontime0	8229.8398551345	Sum of GTIs [s]
date	2014-07-29T16:38:56	Date and time of file creation	ontime1	8229.7988151312	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8229.7577751279	Sum of GTIs [s]
			ontime3	8229.9219351411	Sum of GTIs [s]
			ontime6	8229.7167351246	Sum of GTIs [s]
			ontime7	8229.8808951378	Sum of GTIs [s]
			l1events	854505	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	141151	142786	154392	154989	143922	117265	grade 0 events	12959	12329	13251	13198	12880	6782
rejected events	115057	116615	128402	129129	116786	66396		9%	8%	8%	8%	8%	5%
rejected %	81%	81%	83%	83%	81%	56%	grade 1 events	65	50	84	82	62	78
								0%	0%	0%	0%	0%	0%
							grade 2 events	5491	6003	5194	5219	5910	12742
								3%	4%	3%	3%	4%	10%
							grade 3 events	1764	1649	1837	1790	1772	3977
								1%	1%	1%	1%	1%	3%
							grade 4 events	1795	1770	1770	1805	1804	3990
								1%	1%	1%	1%	1%	3%
							grade 5 events	2708	2777	2722	3022	2883	7055
								1%	1%	1%	1%	2%	6%
							grade 6 events	4285	4616	4159	4070	4962	23777
								3%	3%	2%	2%	3%	20%
							grade 7 events	112084	113592	125375	125803	113649	58864
								79%	79%	81%	81%	78%	50%

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	321.3141415318579
[deg] Pointing Dec	0	5.581687297593767
[deg] Pointing Roll	0.0	152.8447344815033
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)	522972695.989769	522972695.989769
Observation start date	2014-07-28T22:11:36	2014-07-28T22:11:35
[s] Observation end time (MET)	522982243.015847	522982243.015847
Observation end date	2014-07-29T00:50:43	2014-07-29T00:50:43
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2298808951378

A.2 Comments