

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 51964 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Apr 7 2015

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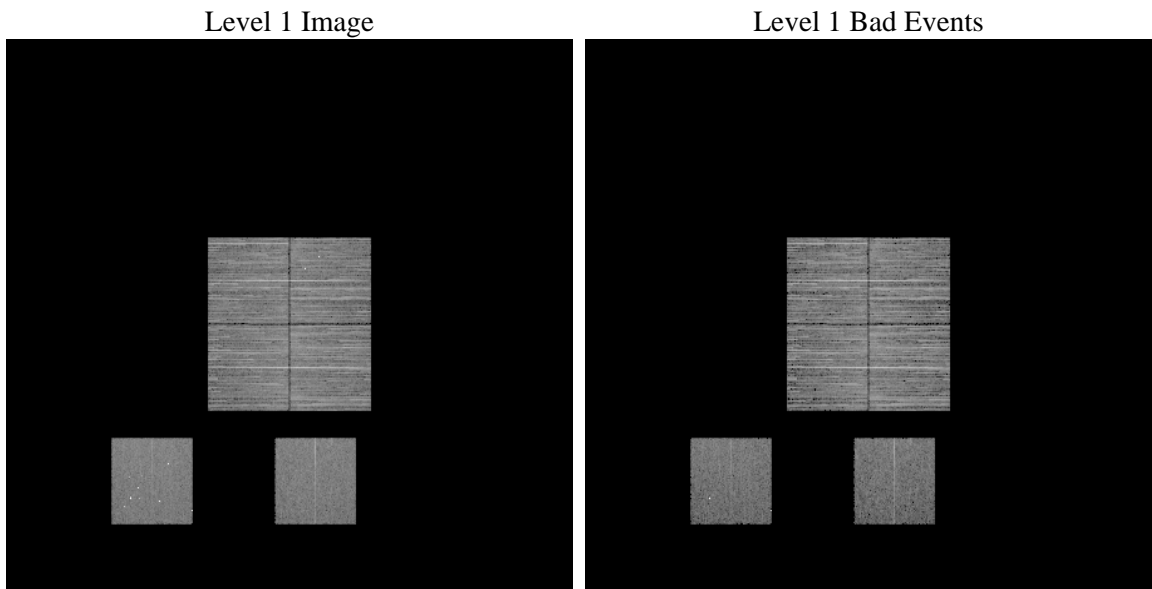
1 Front

seq_num	 	Sequence number
obs_id	51964	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	178.80699790324	Nominal RA [deg]
dec_nom	26.993561038366	Nominal Dec [deg]
roll_nom	207.54117024415	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5977.338842392	Sum of GTIs [s]
livetime	5901.6501788483	Livetime [s]
ontime0	5977.2978023291	Sum of GTIs [s]
ontime1	5977.2567623854	Sum of GTIs [s]
ontime2	5977.2157223225	Sum of GTIs [s]
ontime3	5977.3798823357	Sum of GTIs [s]
ontime5	5977.1746823788	Sum of GTIs [s]
ontime7	5977.338842392	Sum of GTIs [s]
l2events	126125	Number of level 2 events

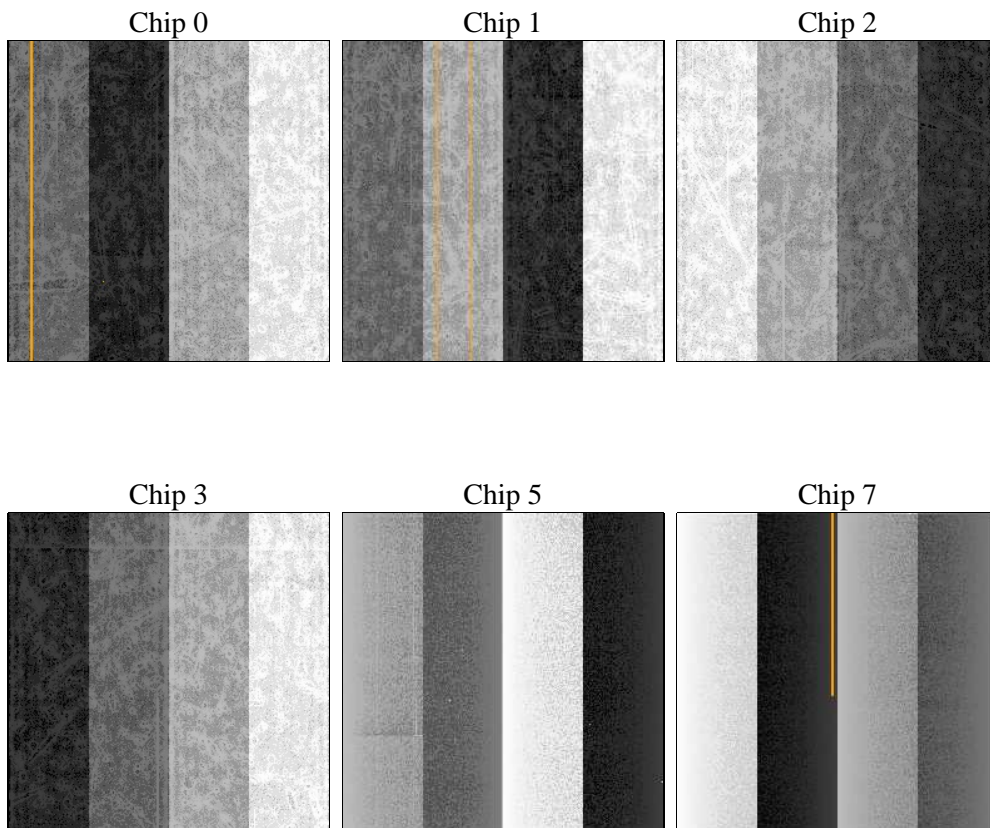
2 OBI

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	10.3.3	Processing system revision	ontime	5977.338842392	Sum of GTIs [s]
caldbver	4.6.7	 	ontime0	5977.2978023291	Sum of GTIs [s]
date	2015-04-07T04:49:59	Date and time of file creation	ontime1	5977.2567623854	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	5977.2157223225	Sum of GTIs [s]
			ontime3	5977.3798823357	Sum of GTIs [s]
			ontime5	5977.1746823788	Sum of GTIs [s]
			ontime7	5977.338842392	Sum of GTIs [s]
			l1events	575148	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	98488	99033	97029	107105	93392	80101	grade 0 events	7575	10348	8052	8130	8543	3951
rejected events	82493	79673	81028	90953	50757	46916		7%	10%	8%	7%	9%	4%
rejected %	83%	80%	83%	84%	54%	58%	grade 1 events	39	68	60	41	190	56
								0%	0%	0%	0%	0%	0%
							grade 2 events	3610	3971	3242	3242	13413	8360
								3%	4%	3%	3%	14%	10%
							grade 3 events	1120	1057	1069	1108	1154	2417
								1%	1%	1%	1%	1%	3%
							grade 4 events	1043	1047	1121	1128	1175	2443
								1%	1%	1%	1%	1%	3%
							grade 5 events	1877	1872	1785	2068	4218	4718
								1%	1%	1%	1%	4%	5%
							grade 6 events	2653	2944	2523	2550	18380	16027
								2%	2%	2%	2%	19%	20%
							grade 7 events	80571	77726	79177	88838	46319	42129
								81%	78%	81%	82%	49%	52%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	178.8069979032382	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	26.99356103836633	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	207.5411702441464	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	544717764.701213	544717763.67621			
Observation start date	2015-04-06T14:29:25	2015-04-06T14:29:23			
[s] Observation end time (MET)	544725716.651659	544725715.62666			
Observation end date	2015-04-06T16:41:57	2015-04-06T16:41:55			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.04.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.977338842392

A.2 Comments