

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52978 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 23 2014

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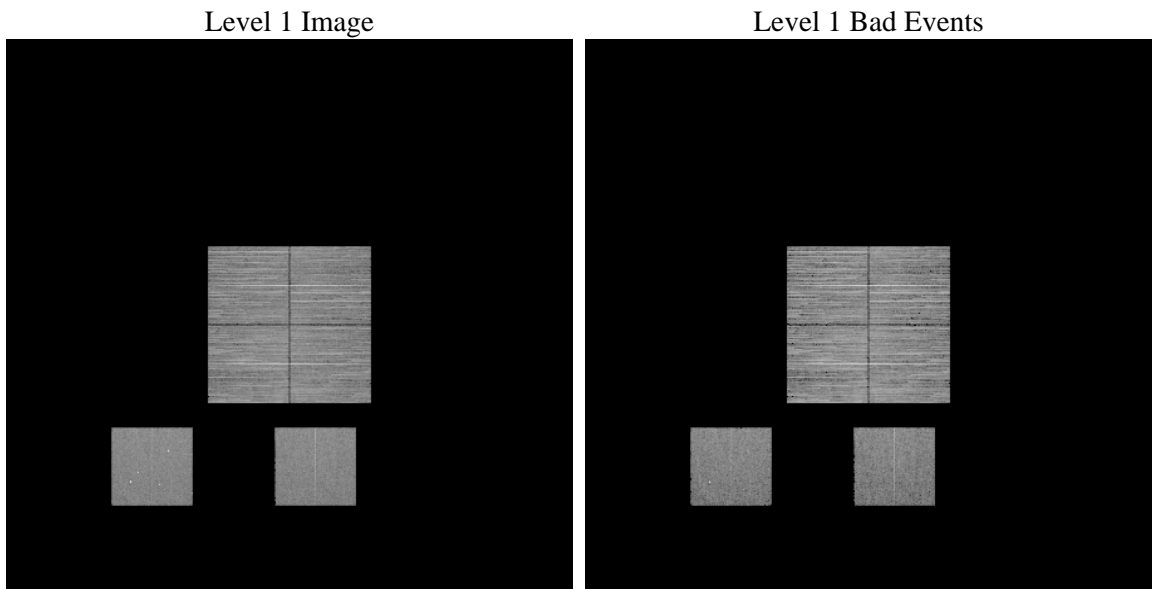
1 Front

seq_num	 	Sequence number
obs_id	52978	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	264.68150525191	Nominal RA [deg]
dec_nom	-17.712979906177	Nominal Dec [deg]
roll_nom	86.347575922003	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8099.1999698877	Sum of GTIs [s]
livetime	7996.6430231163	Livetime [s]
ontime0	8099.1999698877	Sum of GTIs [s]
ontime1	8099.1999698877	Sum of GTIs [s]
ontime2	8099.1999698877	Sum of GTIs [s]
ontime3	8099.1999698877	Sum of GTIs [s]
ontime5	8099.1999698877	Sum of GTIs [s]
ontime7	8099.1999698877	Sum of GTIs [s]
l2events	197549	Number of level 2 events

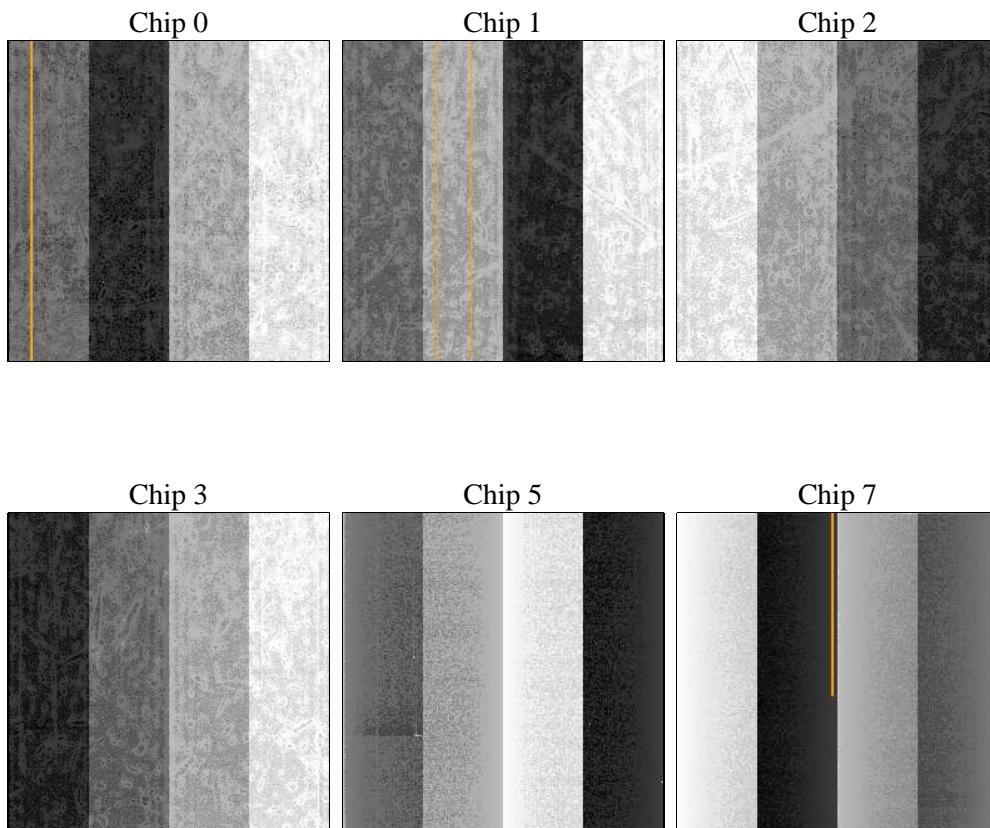
2 OBI

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	10.2.1	Processing system revision	ontime	8099.1999698877	Sum of GTIs [s]
caldsver	4.6.0	 	ontime0	8099.1999698877	Sum of GTIs [s]
date	2014-02-23T18:24:48	Date and time of file creation	ontime1	8099.1999698877	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8099.1999698877	Sum of GTIs [s]
			ontime3	8099.1999698877	Sum of GTIs [s]
			ontime5	8099.1999698877	Sum of GTIs [s]
			ontime7	8099.1999698877	Sum of GTIs [s]
			l1events	750368	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	128955	124980	138525	128907	118706	110295	grade 0 events	13631	13609	14492	14159	7705	7225
rejected events	102524	98150	111415	102248	64067	60930		10%	10%	10%	10%	6%	6%
rejected %	79%	78%	80%	79%	53%	55%	grade 1 events	69	57	83	85	137	70
								0%	0%	0%	0%	0%	0%
							grade 2 events	5512	5612	5359	5138	20323	12462
								4%	4%	3%	3%	17%	11%
							grade 3 events	1794	1797	1783	1774	1903	4105
								1%	1%	1%	1%	1%	3%
							grade 4 events	1850	1855	1917	1872	1925	4247
								1%	1%	1%	1%	1%	3%
							grade 5 events	2493	2603	2408	2801	5449	6892
								1%	2%	1%	2%	4%	6%
							grade 6 events	4202	4451	4102	4258	23858	22337
								3%	3%	2%	3%	20%	20%
							grade 7 events	99404	94996	108381	98820	57406	52957
								77%	76%	78%	76%	48%	48%

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	OVERRIDE	OVERRIDE
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	264.681505251914	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-17.71297990617679	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	86.34757592200296	[s] Primary exposure time	3.2	3.2
SIM focus pos (mm)	-1.4281808131	-1.4281808131			
[mm] SIM defocus	0.1051557500557434	0.1051557500557434			
SIM translation stage pos (mm)	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	509492942.795388	509492942.795388			
Observation start date	2014-02-22T21:49:03	2014-02-22T21:49:02			
[s] Observation end time (MET)	509502762.981519	509502762.981519			
Observation end date	2014-02-23T00:32:43	2014-02-23T00:32:42			
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)	2014.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0991999698877

A.2 Comments