

V&V Reference Report

L2 ASCDS Version : 10.2.2

Observation 52678 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jun 25 2014

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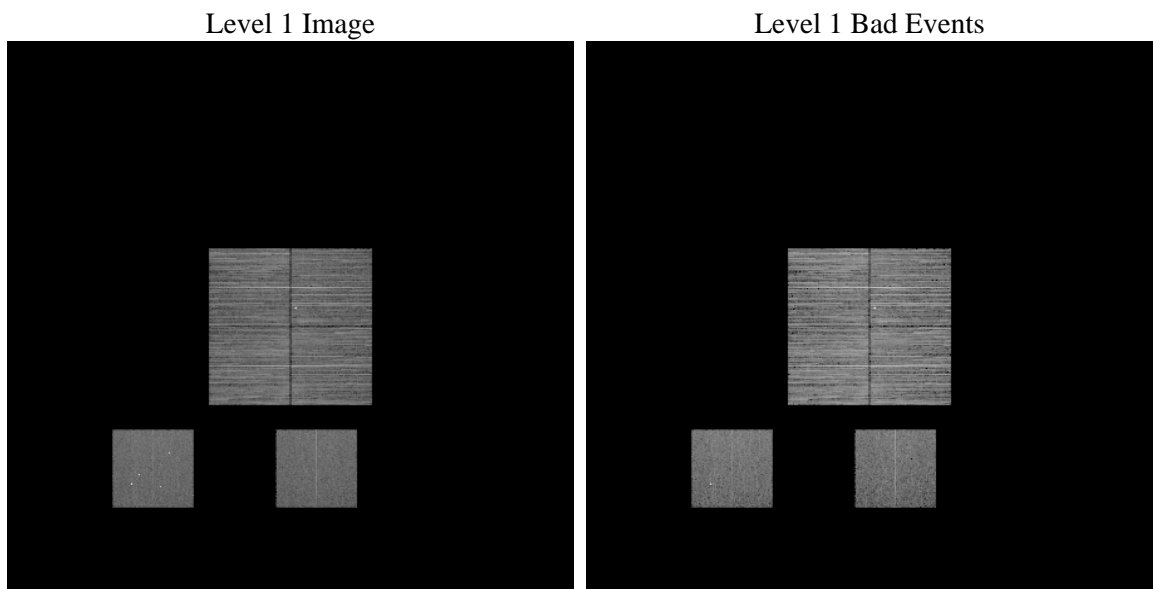
1 Front

seq_num	 	Sequence number
obs_id	52678	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	257.87631729648	Nominal RA [deg]
dec_nom	-54.30539537154	Nominal Dec [deg]
roll_nom	109.19635408239	Nominal Roll [deg]
revision	1	Processing version of data
ontime	6978.2034338117	Sum of GTIs [s]
livetime	6889.8412201631	Livetime [s]
ontime0	6978.1623938084	Sum of GTIs [s]
ontime1	6978.1213538051	Sum of GTIs [s]
ontime2	6978.0803138018	Sum of GTIs [s]
ontime3	6978.244473815	Sum of GTIs [s]
ontime5	6978.0392737985	Sum of GTIs [s]
ontime7	6978.2034338117	Sum of GTIs [s]
l2events	163312	Number of level 2 events

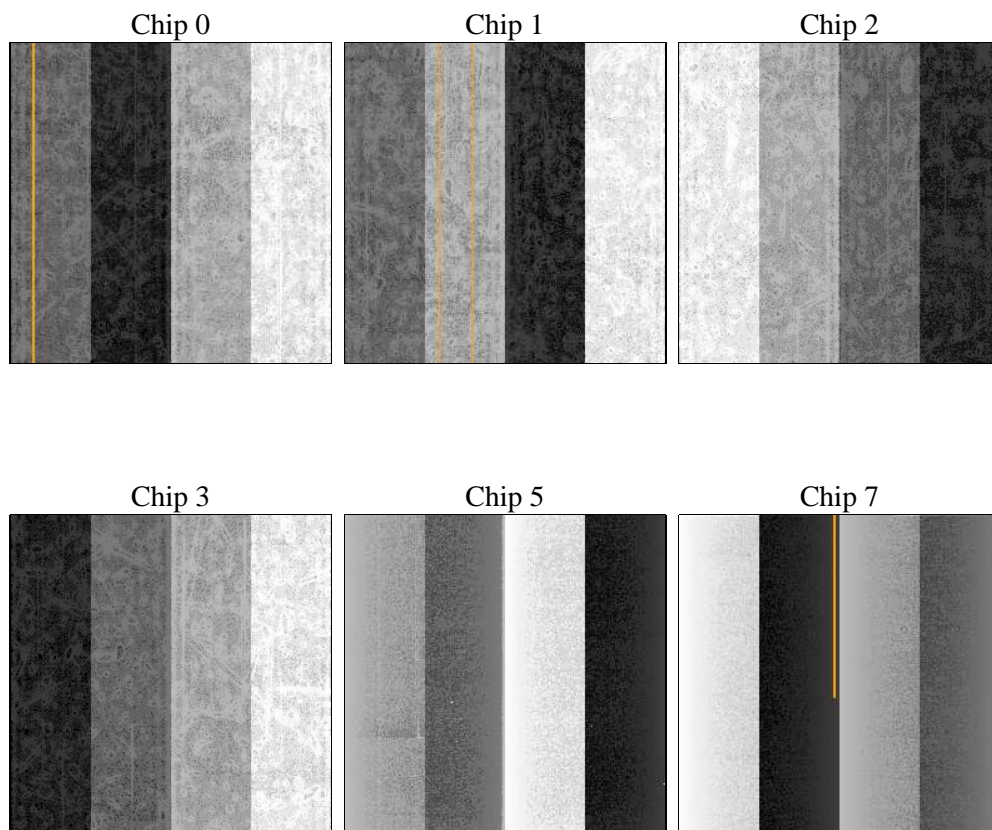
2 OBI

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	10.2.2	Processing system revision	ontime	6978.2034338117	Sum of GTIs [s]
caldsver	4.6.1	 	ontime0	6978.1623938084	Sum of GTIs [s]
date	2014-06-25T12:07:31	Date and time of file creation	ontime1	6978.1213538051	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	6978.0803138018	Sum of GTIs [s]
			ontime3	6978.244473815	Sum of GTIs [s]
			ontime5	6978.0392737985	Sum of GTIs [s]
			ontime7	6978.2034338117	Sum of GTIs [s]
			l1events	665756	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	113868	112608	124202	114808	105476	94794	grade 0 events	10984	12855	11213	11061	8117	5760
rejected events	92162	87764	102585	93437	57443	53029		9%	11%	9%	9%	7%	6%
rejected %	80%	77%	82%	81%	54%	55%	grade 1 events	56	70	78	65	104	73
								0%	0%	0%	0%	0%	0%
							grade 2 events	4447	5628	4222	4132	16743	10465
								3%	4%	3%	3%	15%	11%
							grade 3 events	1500	1477	1524	1507	1564	3380
								1%	1%	1%	1%	1%	3%
							grade 4 events	1510	1498	1475	1491	1491	3286
								1%	1%	1%	1%	1%	3%
							grade 5 events	2270	2268	2056	2439	5079	5777
								1%	2%	1%	2%	4%	6%
							grade 6 events	3447	3615	3366	3348	20558	19228
								3%	3%	2%	2%	19%	20%
							grade 7 events	89654	85197	100268	90765	51820	46825
								78%	75%	80%	79%	49%	49%

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	257.8763172964755
[deg] Pointing Dec	0	-54.30539537153985
[deg] Pointing Roll	0.0	109.1963540823896
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)	520040568.527503	520040568.527503
Observation start date	2014-06-24T23:42:49	2014-06-24T23:42:48
[s] Observation end time (MET)	520049137.052907	520049137.052907
Observation end date	2014-06-25T02:05:37	2014-06-25T02:05:37
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.9782034338117

A.2 Comments