

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 52301 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Nov 22 2014

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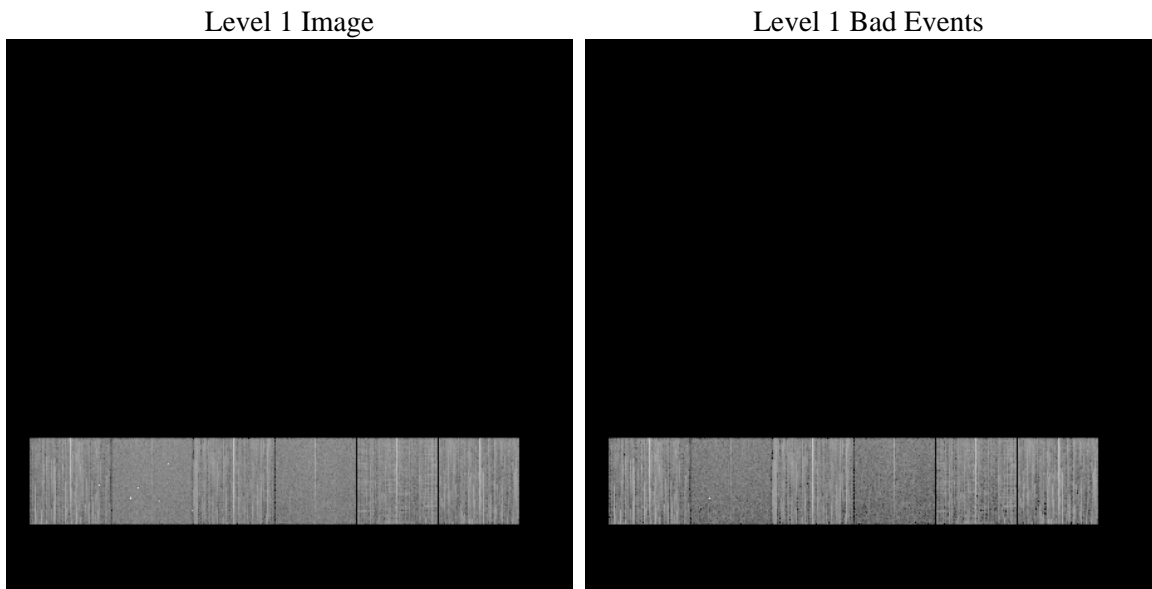
1 Front

seq_num	 	Sequence number
obs_id	52301	Observation id
title	ACIS-456789 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	43.705296240343	Nominal RA [deg]
dec_nom	26.371510596868	Nominal Dec [deg]
roll_nom	246.63736398287	Nominal Roll [deg]
revision	1	Processing version of data
ontime	5596.2341862321	Sum of GTIs [s]
livetime	5525.3712993183	Livetime [s]
ontime4	5596.1110662222	Sum of GTIs [s]
ontime5	5596.1931462288	Sum of GTIs [s]
ontime6	5596.1521062255	Sum of GTIs [s]
ontime7	5596.2341862321	Sum of GTIs [s]
ontime8	5596.0700262189	Sum of GTIs [s]
ontime9	5596.2752262354	Sum of GTIs [s]
l2events	135970	Number of level 2 events

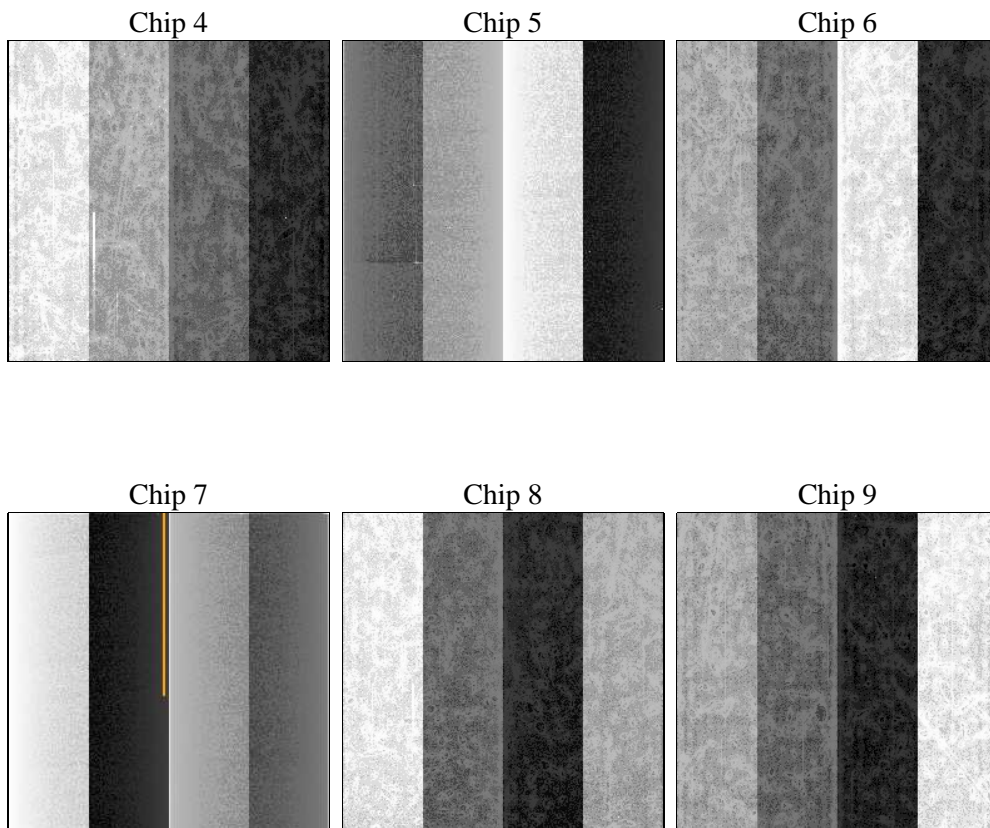
2 OBI

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	Processing system revision	ontime	5596.2341862321	Sum of GTIs [s]
caldsver	4.6.4	 	ontime4	5596.1110662222	Sum of GTIs [s]
date	2014-11-23T02:11:21	Date and time of file creation	ontime5	5596.1931462288	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	5596.1521062255	Sum of GTIs [s]
			ontime7	5596.2341862321	Sum of GTIs [s]
			ontime8	5596.0700262189	Sum of GTIs [s]
			ontime9	5596.2752262354	Sum of GTIs [s]
			l1events	616133	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	109523	94530	113232	84644	105680	108524	grade 0 events	10244	5600	8373	4546	10228	8385
rejected events	91161	53347	95808	48864	81510	91305		9%	5%	7%	5%	9%	7%
rejected %	83%	56%	84%	57%	77%	84%	grade 1 events	83	120	55	53	44	54
								0%	0%	0%	0%	0%	0%
							grade 2 events	3318	14350	3628	8816	5232	3488
								3%	15%	3%	10%	4%	3%
							grade 3 events	1233	1268	1184	2845	1984	1183
								1%	1%	1%	3%	1%	1%
							grade 4 events	1139	1275	1144	2860	1933	1168
								1%	1%	1%	3%	1%	1%
							grade 5 events	2201	5012	2236	5422	3009	2499
								2%	5%	1%	6%	2%	2%
							grade 6 events	2428	18690	3095	16713	4793	2995
								2%	19%	2%	19%	4%	2%
							grade 7 events	88877	48215	93517	43389	78457	88752
								81%	51%	82%	51%	74%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	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	43.70529624034293	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	26.37151059686765	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	246.6373639828747	[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)	533031158.898508	533031157.87351			
Observation start date	2014-11-22T08:12:39	2014-11-22T08:12:37			
[s] Observation end time (MET)	533046644.59937	533046643.57437			
Observation end date	2014-11-22T12:30:45	2014-11-22T12:30:43			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.11.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.5962341862321

A.2 Comments