

V&V Reference Report

L2 ASCDS Version : 10.2.1

Observation 52887 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Mar 30 2014

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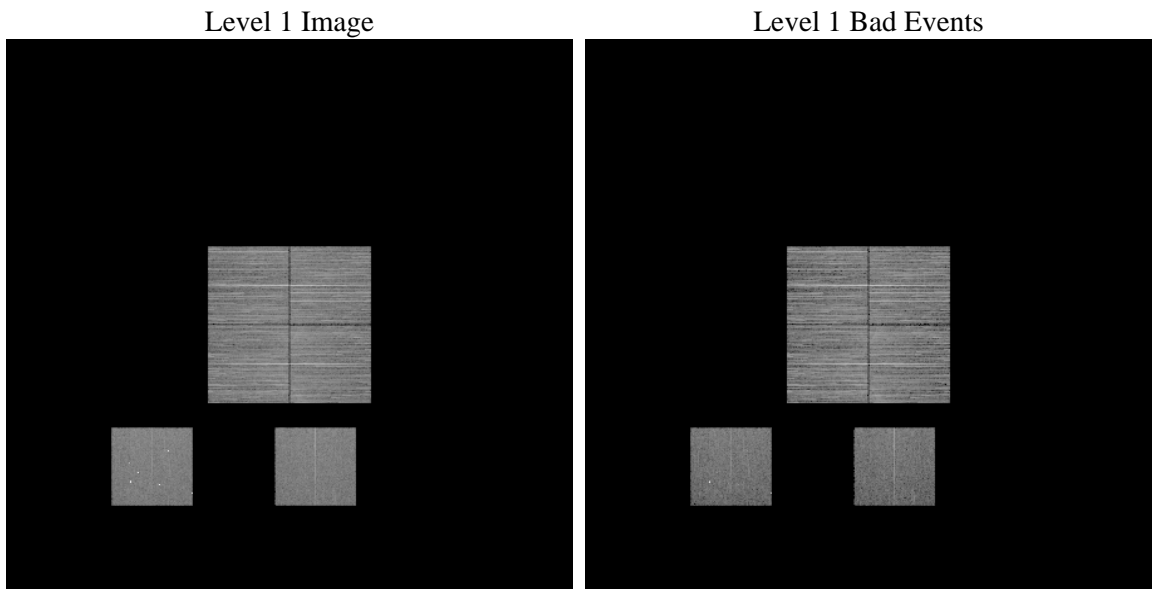
1 Front

seq_num	 	Sequence number
obs_id	52887	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	213.08411829605	Nominal RA [deg]
dec_nom	-3.4760738302768	Nominal Dec [deg]
roll_nom	90.69714846652	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8329.5999690294	Sum of GTIs [s]
livetime	8224.1255587386	Livetime [s]
ontime0	8209.6825523973	Sum of GTIs [s]
ontime1	8232.3687886596	Sum of GTIs [s]
ontime2	8232.3687886596	Sum of GTIs [s]
ontime3	8225.8867283463	Sum of GTIs [s]
ontime5	8329.5999690294	Sum of GTIs [s]
ontime7	8329.5999690294	Sum of GTIs [s]
l2events	202229	Number of level 2 events

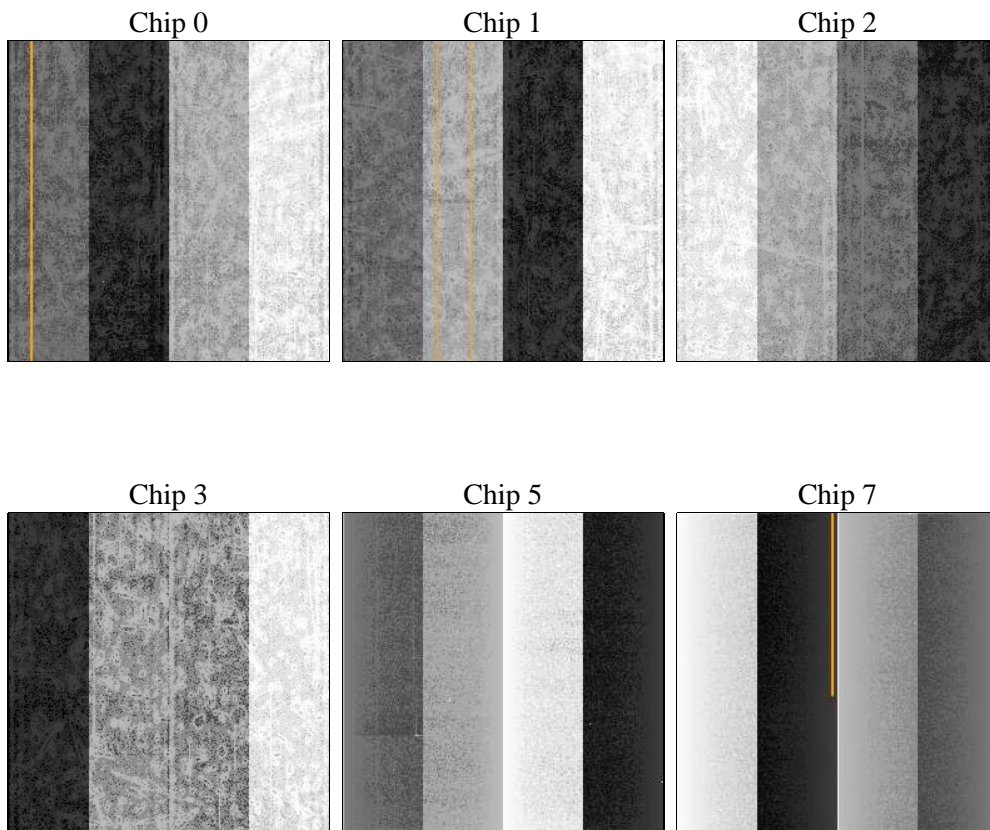
2 OBI

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	10.2.1	Processing system revision	ontime	8329.5999690294	Sum of GTIs [s]
caldbver	4.6.0	 	ontime0	8209.6825523973	Sum of GTIs [s]
date	2014-03-30T10:55:41	Date and time of file creation	ontime1	8232.3687886596	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8232.3687886596	Sum of GTIs [s]
			ontime3	8225.8867283463	Sum of GTIs [s]
			ontime5	8329.5999690294	Sum of GTIs [s]
			ontime7	8329.5999690294	Sum of GTIs [s]
			l1events	814519	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	137979	144021	141388	137954	135897	117280	grade 0 events	13394	13338	14232	14275	12584	7244
rejected events	111373	116739	114110	110783	72773	65607		9%	9%	10%	10%	9%	6%
rejected %	80%	81%	80%	80%	53%	55%	grade 1 events	87	62	94	92	230	89
								0%	0%	0%	0%	0%	0%
							grade 2 events	5567	6018	5469	5278	21315	13130
								4%	4%	3%	3%	15%	11%
							grade 3 events	1899	1851	1945	1919	2196	4131
								1%	1%	1%	1%	1%	3%
							grade 4 events	1786	1801	1918	1855	2236	4142
								1%	1%	1%	1%	1%	3%
							grade 5 events	2665	2705	2555	3026	5901	6824
								1%	1%	1%	2%	4%	5%
							grade 6 events	4404	4750	4192	4301	25819	23904
								3%	3%	2%	3%	18%	20%
							grade 7 events	108177	113496	110983	107208	65616	57816
								78%	78%	78%	77%	48%	49%

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	213.0841182960538	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-3.476073830276752	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	90.69714846651995	[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)	512496641.910871	512496640.88587			
Observation start date	2014-03-29T16:10:42	2014-03-29T16:10:40			
[s] Observation end time (MET)	512506641.811422	512506640.78642			
Observation end date	2014-03-29T18:57:22	2014-03-29T18:57:20			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3295999690294

A.2 Comments