

V&V Reference Report

L2 ASCDS Version : 10.3.3

Observation 52110 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Feb 2 2015

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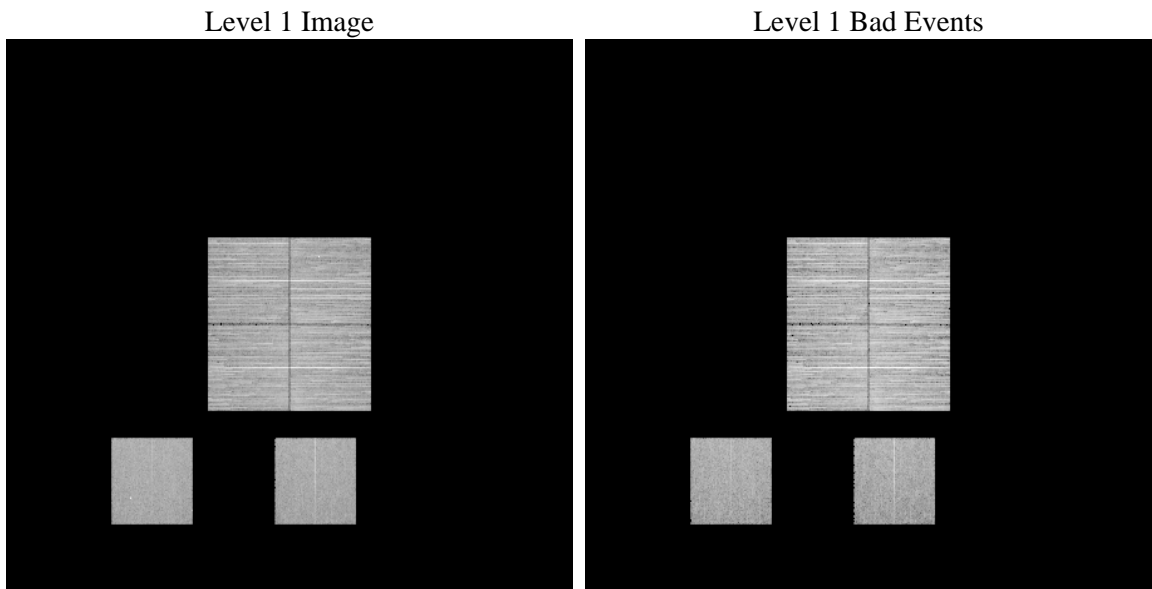
1 Front

seq_num	 	Sequence number
obs_id	52110	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	336.03766917745	Nominal RA [deg]
dec_nom	41.005018568376	Nominal Dec [deg]
roll_nom	337.25630470874	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8459.320704937	Sum of GTIs [s]
livetime	8352.2036925797	Livetime [s]
ontime0	8459.2796648741	Sum of GTIs [s]
ontime1	8459.2386249304	Sum of GTIs [s]
ontime2	8459.1975848675	Sum of GTIs [s]
ontime3	8459.3617448807	Sum of GTIs [s]
ontime5	8459.1565449238	Sum of GTIs [s]
ontime7	8459.320704937	Sum of GTIs [s]
l2events	181172	Number of level 2 events

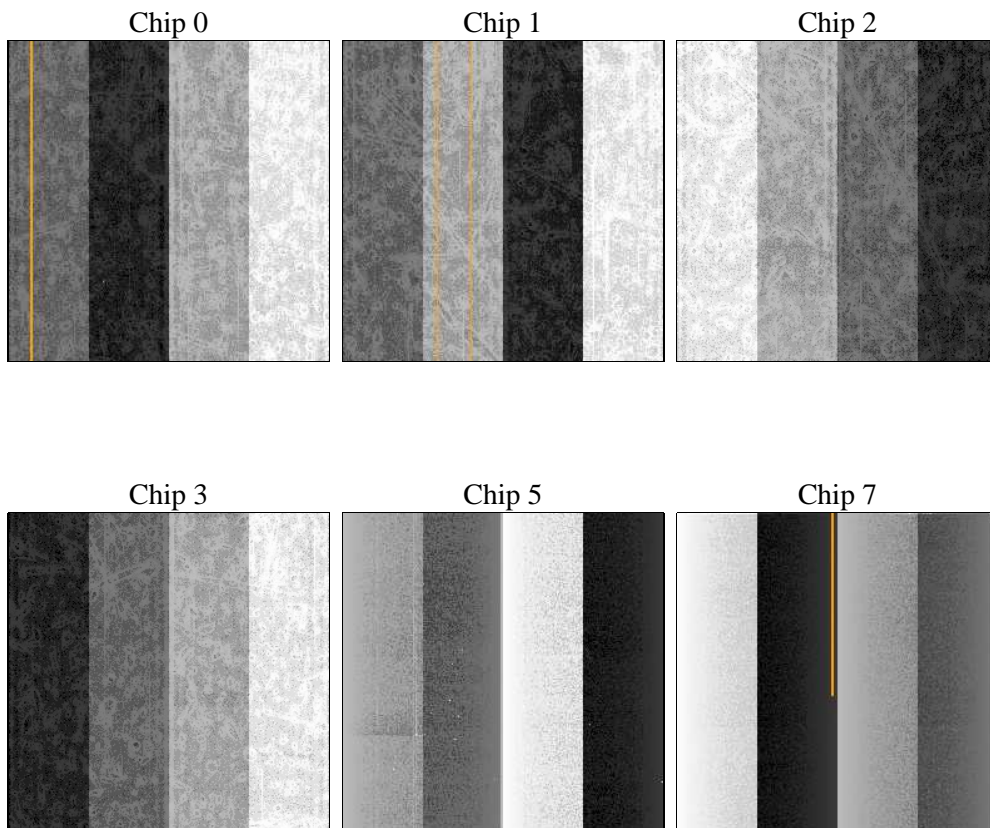
2 OBI

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	8459.320704937	Sum of GTIs [s]
caldsver	4.6.6	 	ontime0	8459.2796648741	Sum of GTIs [s]
date	2015-02-02T16:26:31	Date and time of file creation	ontime1	8459.2386249304	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	8459.1975848675	Sum of GTIs [s]
			ontime3	8459.3617448807	Sum of GTIs [s]
			ontime5	8459.1565449238	Sum of GTIs [s]
			ontime7	8459.320704937	Sum of GTIs [s]
			l1events	799424	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	133523	145545	139570	150705	117644	112437	grade 0 events	11065	10586	11446	11608	3667	5615
rejected events	110091	121693	116435	127451	67181	65562		8%	7%	8%	7%	3%	4%
rejected %	82%	83%	83%	84%	57%	58%	grade 1 events	60	55	61	67	132	90
								0%	0%	0%	0%	0%	0%
							grade 2 events	5323	6119	4940	4819	18531	11709
								3%	4%	3%	3%	15%	10%
							grade 3 events	1565	1491	1551	1543	1550	3498
								1%	1%	1%	1%	1%	3%
							grade 4 events	1562	1427	1554	1590	1446	3350
								1%	0%	1%	1%	1%	2%
							grade 5 events	2461	2577	2428	2803	4949	6553
								1%	1%	1%	1%	4%	5%
							grade 6 events	3925	4231	3650	3707	25289	22717
								2%	2%	2%	2%	21%	20%
							grade 7 events	107562	119059	113940	124568	62080	58905
								80%	81%	81%	82%	52%	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	336.0376691774541	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	41.00501856837628	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	337.2563047087395	[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)	539234969.694517	539234968.66952			
Observation start date	2015-02-02T03:29:30	2015-02-02T03:29:28			
[s] Observation end time (MET)	539247382.44521	539247381.42021			
Observation end date	2015-02-02T06:56:22	2015-02-02T06:56:21			
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)	2015.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.459320704937

A.2 Comments