

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58294 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 29 2012

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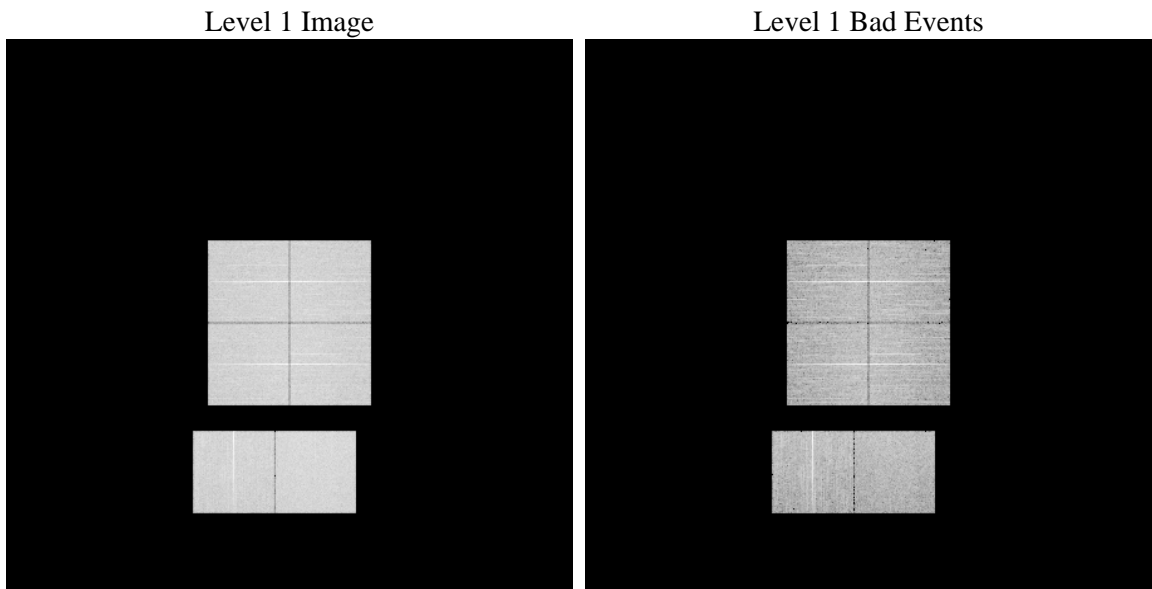
1 Front

seq_num	 	Sequence number
obs_id	58294	Observation id
title	ACIS-012367 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	336.0023777049	Nominal RA [deg]
dec_nom	-36.971384871482	Nominal Dec [deg]
roll_nom	53.336898640021	Nominal Roll [deg]
revision	3	Processing version of data
ontime	7747.199971199	Sum of GTIs [s]
livetime	7649.1002603599	Livetime [s]
ontime0	7747.199971199	Sum of GTIs [s]
ontime1	7747.199971199	Sum of GTIs [s]
ontime2	7747.199971199	Sum of GTIs [s]
ontime3	7747.199971199	Sum of GTIs [s]
ontime6	7747.199971199	Sum of GTIs [s]
ontime7	7747.199971199	Sum of GTIs [s]
l2events	662537	Number of level 2 events

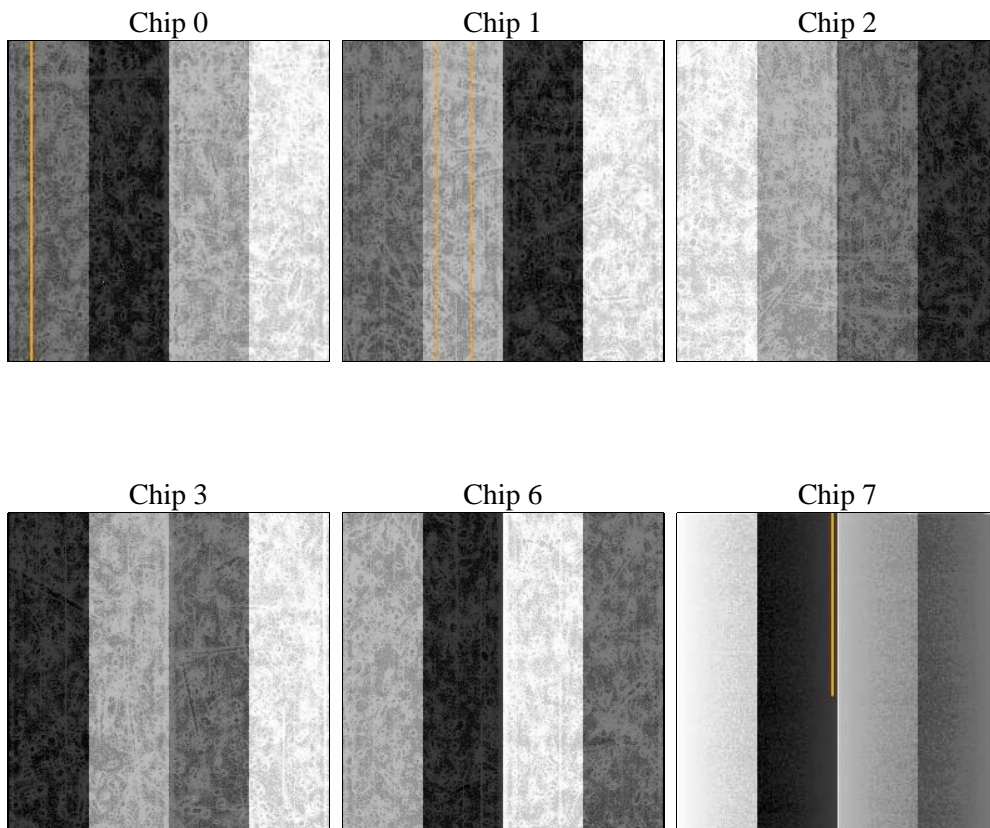
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	6360	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7747.199971199	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7747.199971199	Sum of GTIs [s]
date	2012-04-29T02:42:09	Date and time of file creation	ontime1	7747.199971199	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7747.199971199	Sum of GTIs [s]
			ontime3	7747.199971199	Sum of GTIs [s]
			ontime6	7747.199971199	Sum of GTIs [s]
			ontime7	7747.199971199	Sum of GTIs [s]
			l1events	1103381	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	174901	176623	180220	182090	185297	204250	grade 0 events	59324	59573	61318	62378	61833	30247
rejected events	65805	66659	69759	70192	70363	62111		33%	33%	34%	34%	33%	14%
rejected %	37%	37%	38%	38%	37%	30%	grade 1 events	417	351	503	455	366	170
								0%	0%	0%	0%	0%	0%
							grade 2 events	19478	20188	19057	19343	20170	30945
								11%	11%	10%	10%	10%	15%
							grade 3 events	7284	7294	7291	7520	7369	13766
								4%	4%	4%	4%	3%	6%
							grade 4 events	7186	7361	7557	7429	7399	13584
								4%	4%	4%	4%	3%	6%
							grade 5 events	3654	3935	3437	4058	3976	10142
								2%	2%	1%	2%	2%	4%
							grade 6 events	16534	16253	15862	15956	18866	54498
								9%	9%	8%	8%	10%	26%
							grade 7 events	61024	61668	65195	64951	65318	50898
								34%	34%	36%	35%	35%	24%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	336.0023777048982	336.0023777048982	Subarray requested	NONE	NONE
[deg] Pointing Dec	-36.97138487148202	-36.97138487148207	Alternating exposures requested	N	N
[deg] Pointing Roll	53.33689864005824	53.33689864002126	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-0.78090834371673	-0.78090834371673			
[mm] SIM defocus	0.7524282194390134	0.7524282194390134			
[mm] SIM translation stage pos	250.4635187649	250.4635187649			
[mm] SIM translation stage offset	-0.007542945905271381	-0.007542945905271381			
[s] Observation start time (MET)	302476886.585996	302476886.585996			
Observation start date	2007-08-02T22:00:00	2007-08-02T21:21:26			
[s] Observation end time (MET)	302486403.424433	302486403.424433			
Observation end date	2007-08-02T23:46:00	2007-08-03T00:00:03			
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)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.747199971199

A.2 Comments