

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56716 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 15 2012

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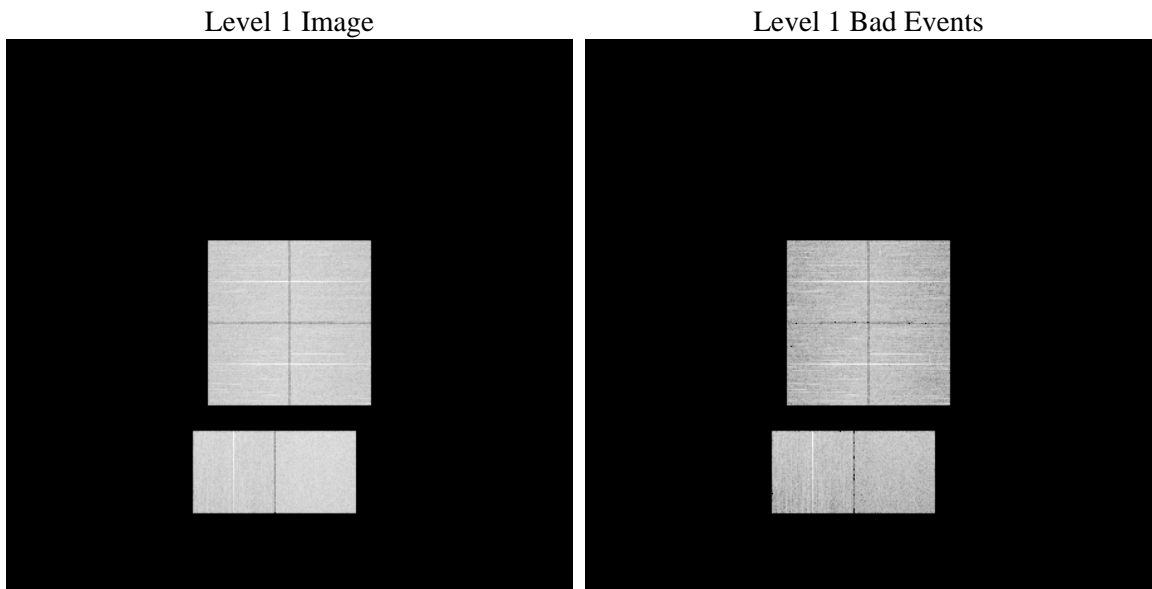
1 Front

seq_num	 	Sequence number
obs_id	56716	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	43.966724897927	Nominal RA [deg]
dec_nom	30.597853276499	Nominal Dec [deg]
roll_nom	151.39064971372	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.999969244	Sum of GTIs [s]
livetime	8167.254924833	Livetime [s]
ontime0	8271.999969244	Sum of GTIs [s]
ontime1	8271.999969244	Sum of GTIs [s]
ontime2	8271.999969244	Sum of GTIs [s]
ontime3	8271.999969244	Sum of GTIs [s]
ontime6	8271.999969244	Sum of GTIs [s]
ontime7	8271.999969244	Sum of GTIs [s]
l2events	462198	Number of level 2 events

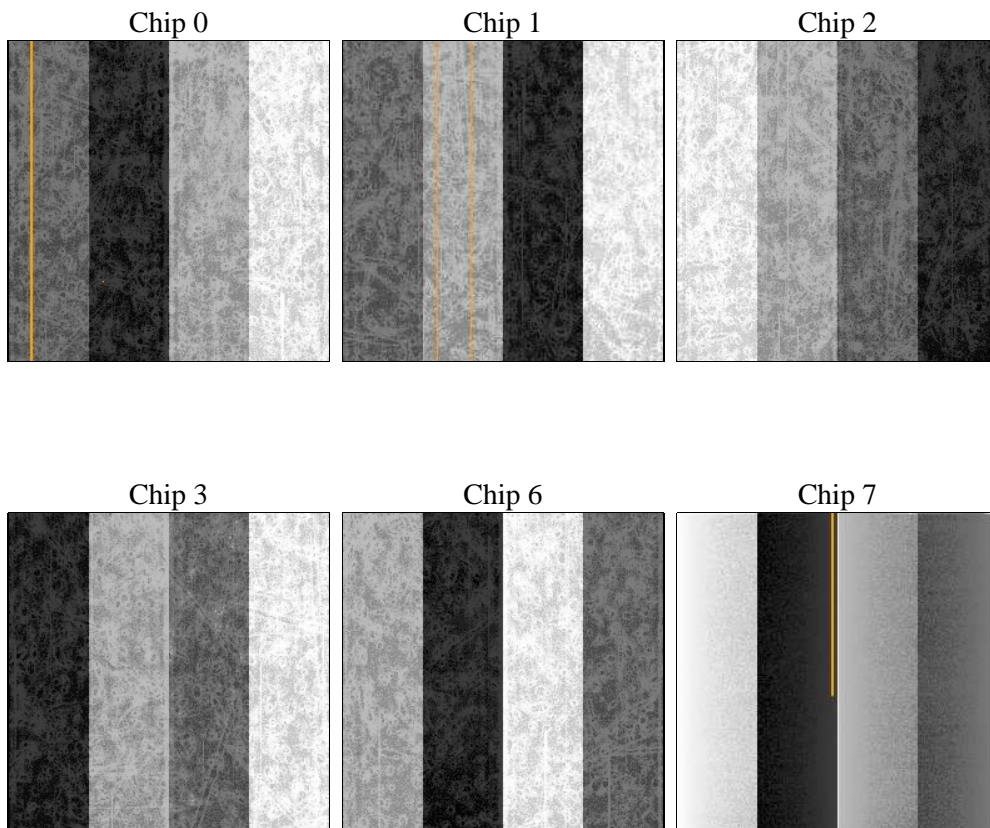
2 OBI

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	8.4.5	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-06-16T01:52:49	Date and time of file creation	ontime1	8271.999969244	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.999969244	Sum of GTIs [s]
			ontime3	8271.999969244	Sum of GTIs [s]
			ontime6	8271.999969244	Sum of GTIs [s]
			ontime7	8271.999969244	Sum of GTIs [s]
			l1events	940067	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	147859	145454	151802	152159	157938	184855	grade 0 events	39560	38671	40299	40755	39591	20721
rejected events	73309	70855	77436	76862	80901	71767		26%	26%	26%	26%	25%	11%
rejected %	49%	48%	51%	50%	51%	38%	grade 1 events	298	263	373	346	281	166
								0%	0%	0%	0%	0%	0%
							grade 2 events	13719	14300	12958	13206	14083	24426
								9%	9%	8%	8%	8%	13%
							grade 3 events	4966	4992	5065	5145	5127	10341
								3%	3%	3%	3%	3%	5%
							grade 4 events	5042	4932	5072	5139	4961	10253
								3%	3%	3%	3%	3%	5%
							grade 5 events	4257	4363	3999	4622	4547	11654
								2%	2%	2%	3%	2%	6%
							grade 6 events	11263	11704	10972	11052	13275	47347
								7%	8%	7%	7%	8%	25%
							grade 7 events	68754	66229	73064	71894	76073	59947
								46%	45%	48%	47%	48%	32%

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	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	43.96672489792698	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	30.59785327649855	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	151.3906497137173	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	373307919.427573	373307918.40257			
Observation start date	2009-10-30T16:38:39	2009-10-30T16:38:38			
[s] Observation end time (MET)	373333005.278837	373333004.25383			
Observation end date	2009-10-30T23:36:45	2009-10-30T23:36:44			
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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments