

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59118 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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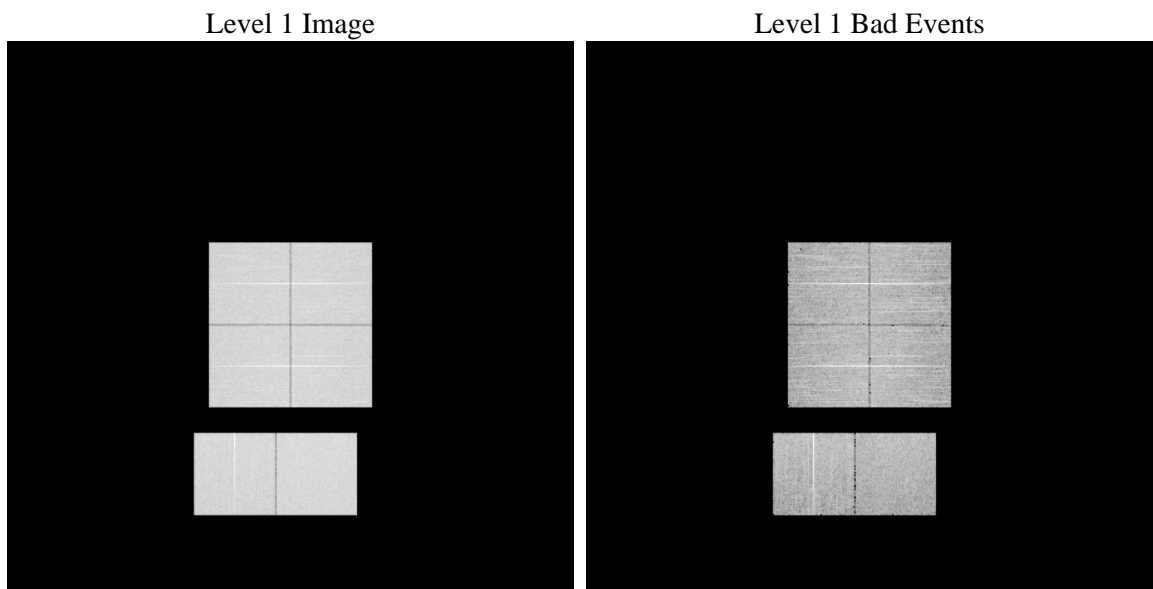
1 Front

seq_num	 	Sequence number
obs_id	59118	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	142.22792496231	Nominal RA [deg]
dec_nom	-15.990081141129	Nominal Dec [deg]
roll_nom	347.42325191036	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8271.5666377544	Sum of GTIs [s]
livetime	8166.8270804477	Livetime [s]
ontime0	8271.5255977511	Sum of GTIs [s]
ontime1	8271.4845577478	Sum of GTIs [s]
ontime2	8271.4435177445	Sum of GTIs [s]
ontime3	8271.6076777577	Sum of GTIs [s]
ontime6	8271.402477771	Sum of GTIs [s]
ontime7	8271.5666377544	Sum of GTIs [s]
l2events	978831	Number of level 2 events

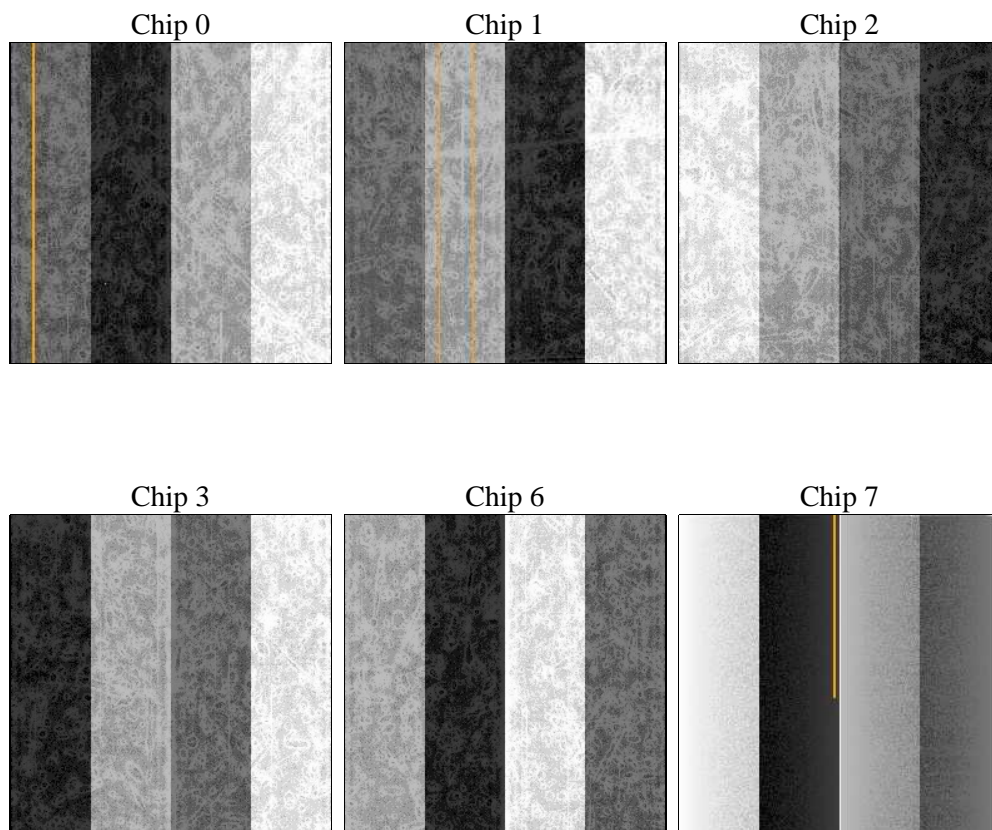
2 OBI

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	8.4.3	Processing system revision	ontime	8271.5666377544	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8271.5255977511	Sum of GTIs [s]
date	2012-03-25T17:57:56	Date and time of file creation	ontime1	8271.4845577478	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8271.4435177445	Sum of GTIs [s]
			ontime3	8271.6076777577	Sum of GTIs [s]
			ontime6	8271.402477771	Sum of GTIs [s]
			ontime7	8271.5666377544	Sum of GTIs [s]
			l1events	1414507	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	227514	228926	233762	234500	238336	251469	grade 0 events	89721	89626	92695	93380	92994	44127
rejected events	62937	63827	67092	67156	65691	57564		39%	39%	39%	39%	39%	17%
rejected %	27%	27%	28%	28%	27%	22%	grade 1 events	637	531	608	656	529	200
								0%	0%	0%	0%	0%	0%
							grade 2 events	29065	29479	28168	28601	29923	42144
								12%	12%	12%	12%	12%	16%
							grade 3 events	10714	10776	11066	11103	11020	19057
								4%	4%	4%	4%	4%	7%
							grade 4 events	10855	10734	11154	11127	11038	18756
								4%	4%	4%	4%	4%	7%
							grade 5 events	3686	3744	3558	4114	4044	9671
								1%	1%	1%	1%	1%	3%
							grade 6 events	24349	24615	23712	23268	27821	69965
								10%	10%	10%	9%	11%	27%
							grade 7 events	58487	59421	62801	62251	60967	47549
								25%	25%	26%	26%	25%	18%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	142.2279249623085
[deg] Pointing Dec	0	-15.99008114112896
[deg] Pointing Roll	0.0	347.42325191036
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	256366425.059541	256366424.03457
Observation start date	2006-02-15T04:53:45	2006-02-15T04:53:44
[s] Observation end time (MET)	256389491.660611	256389490.63564
Observation end date	2006-02-15T11:18:12	2006-02-15T11:18:10
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2715666377544

A.2 Comments