

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58185 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 1 2012

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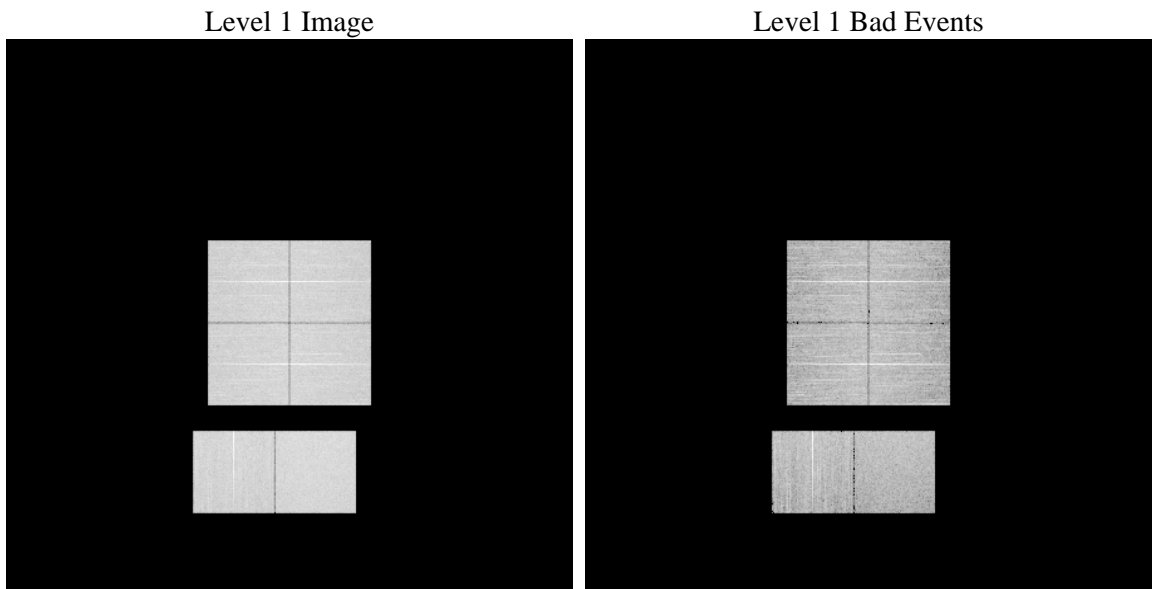
1 Front

seq_num	 	Sequence number
obs_id	58185	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	145.00573001914	Nominal RA [deg]
dec_nom	46.028390097699	Nominal Dec [deg]
roll_nom	49.182111350754	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	687666	Number of level 2 events

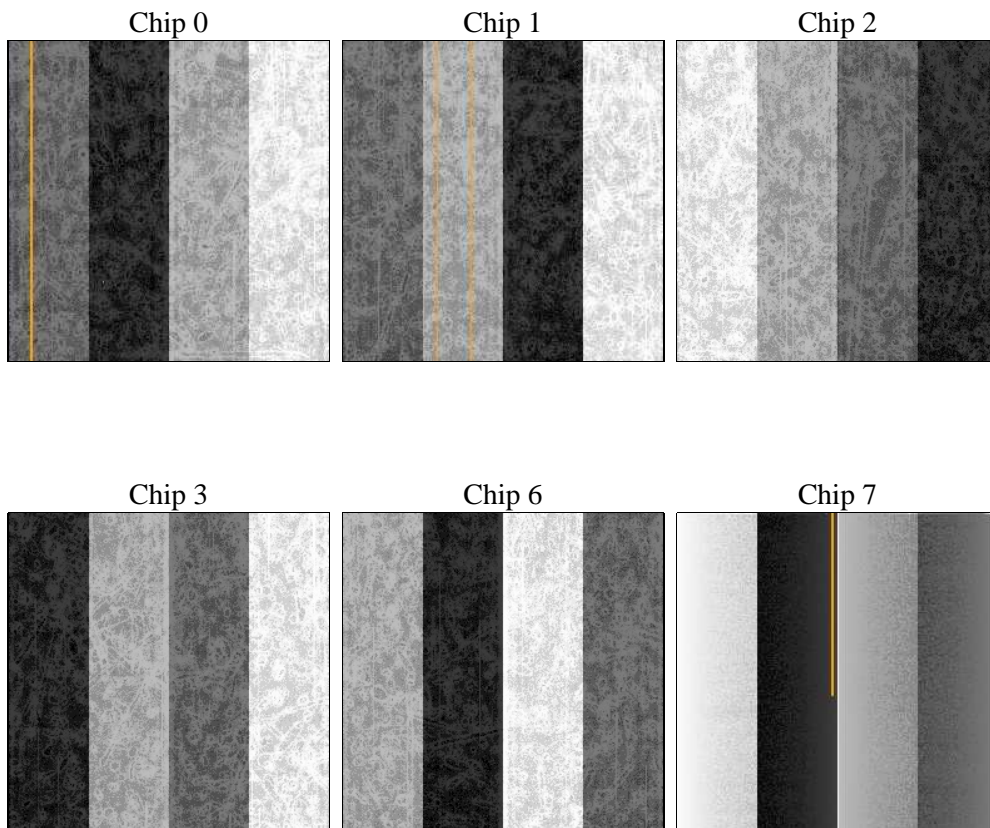
2 OBI

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	8.4.4	Processing system revision	ontime	8271.999969244	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8271.999969244	Sum of GTIs [s]
date	2012-05-02T01:42:59	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	1151546	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	184928	182090	190361	187922	193319	212926	grade 0 events	61538	60773	62959	63515	63263	30632
rejected events	71164	68008	75775	72572	74345	64681		33%	33%	33%	33%	32%	14%
rejected %	38%	37%	39%	38%	38%	30%	grade 1 events	447	417	485	463	407	142
								0%	0%	0%	0%	0%	0%
							grade 2 events	20158	21111	19576	20114	20636	32132
								10%	11%	10%	10%	10%	15%
							grade 3 events	7525	7380	7721	7512	7630	14167
								4%	4%	4%	3%	3%	6%
							grade 4 events	7463	7471	7709	7858	7742	14014
								4%	4%	4%	4%	4%	6%
							grade 5 events	3826	4121	3712	4416	4305	10692
								2%	2%	1%	2%	2%	5%
							grade 6 events	17127	17390	16675	16393	19755	57349
								9%	9%	8%	8%	10%	26%
							grade 7 events	66844	63427	71524	67651	69581	53798
								36%	34%	37%	35%	35%	25%

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	145.0057300191414
[deg] Pointing Dec	0	46.02839009769867
[deg] Pointing Roll	0.0	49.18211135075433
[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)	307551700.780008	307551699.75501
Observation start date	2007-09-30T15:01:41	2007-09-30T15:01:39
[s] Observation end time (MET)	307564632.180632	307564631.15563
Observation end date	2007-09-30T18:37:12	2007-09-30T18:37:11
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.271999969244

A.2 Comments