

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58365 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

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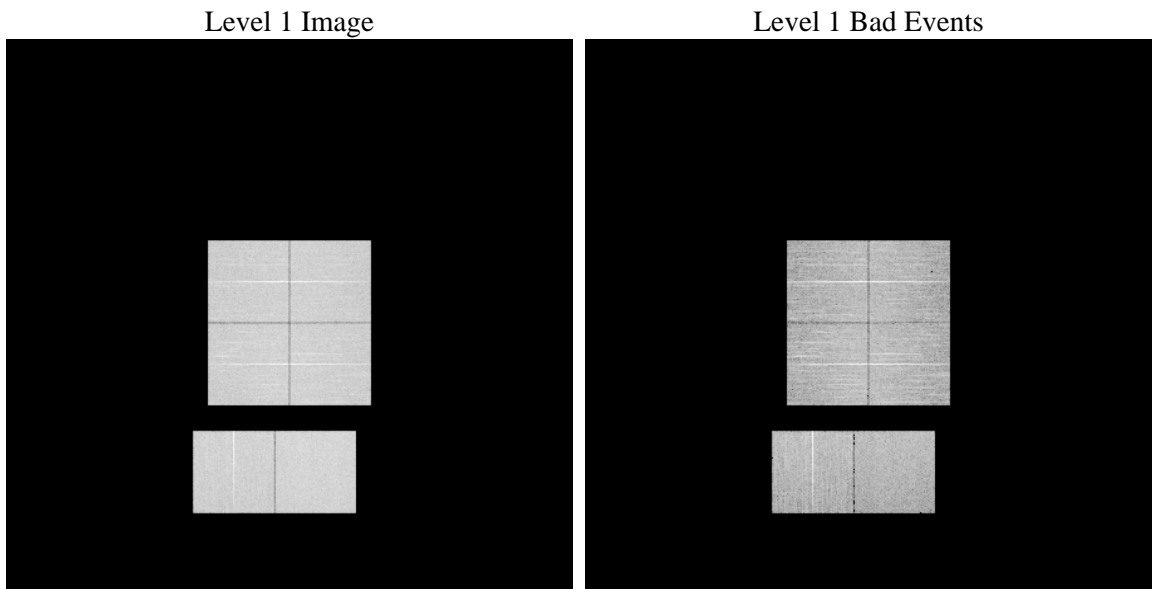
1 Front

seq_num	 	Sequence number
obs_id	58365	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	247.9811452781	Nominal RA [deg]
dec_nom	5.478314736446	Nominal Dec [deg]
roll_nom	196.25298216063	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.20463866	Sum of GTIs [s]
livetime	8163.5076530101	Livetime [s]
ontime0	8268.1635986567	Sum of GTIs [s]
ontime1	8268.1225586534	Sum of GTIs [s]
ontime2	8268.0815186501	Sum of GTIs [s]
ontime3	8268.2456786633	Sum of GTIs [s]
ontime6	8268.0404786468	Sum of GTIs [s]
ontime7	8268.20463866	Sum of GTIs [s]
l2events	735063	Number of level 2 events

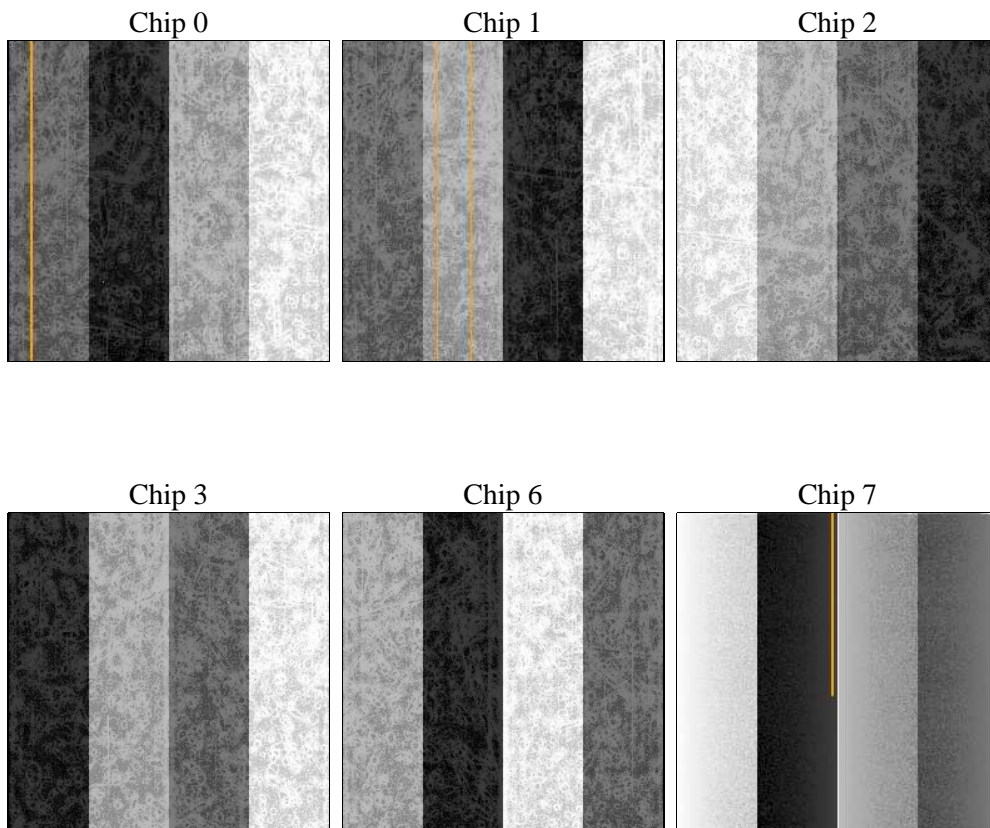
2 OBI

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	8268.20463866	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.1635986567	Sum of GTIs [s]
date	2012-04-25T23:51:41	Date and time of file creation	ontime1	8268.1225586534	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.0815186501	Sum of GTIs [s]
			ontime3	8268.2456786633	Sum of GTIs [s]
			ontime6	8268.0404786468	Sum of GTIs [s]
			ontime7	8268.20463866	Sum of GTIs [s]
			l1events	1221122	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	194639	193383	203123	202646	204297	223034	grade 0 events	66042	64725	67908	69001	66373	32180
rejected events	72755	70556	81004	78645	77787	66072		33%	33%	33%	34%	32%	14%
rejected %	37%	36%	39%	38%	38%	29%	grade 1 events	432	357	531	548	381	161
								0%	0%	0%	0%	0%	0%
							grade 2 events	21336	23343	19955	20837	23188	34756
								10%	12%	9%	10%	11%	15%
							grade 3 events	7970	7709	8336	8204	7836	14561
								4%	3%	4%	4%	3%	6%
							grade 4 events	7859	7885	8056	8299	7994	14415
								4%	4%	3%	4%	3%	6%
							grade 5 events	3826	3958	3635	4375	4201	10376
								1%	2%	1%	2%	2%	4%
							grade 6 events	18716	19214	17911	17713	21174	61107
								9%	9%	8%	8%	10%	27%
							grade 7 events	68458	66192	76791	73669	73150	55478
								35%	34%	37%	36%	35%	24%

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	247.9811452780975
[deg] Pointing Dec	0	5.478314736446027
[deg] Pointing Roll	0.0	196.2529821606293
[mm] SIM focus pos	-0.782348	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-233.592463	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	297728266.3586	297728265.33359
Observation start date	2007-06-08T22:17:46	2007-06-08T22:17:45
[s] Observation end time (MET)	297740412.609182	297740411.58417
Observation end date	2007-06-09T01:40:13	2007-06-09T01:40:11
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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.26820463866

A.2 Comments