

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 59021 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 30 2012

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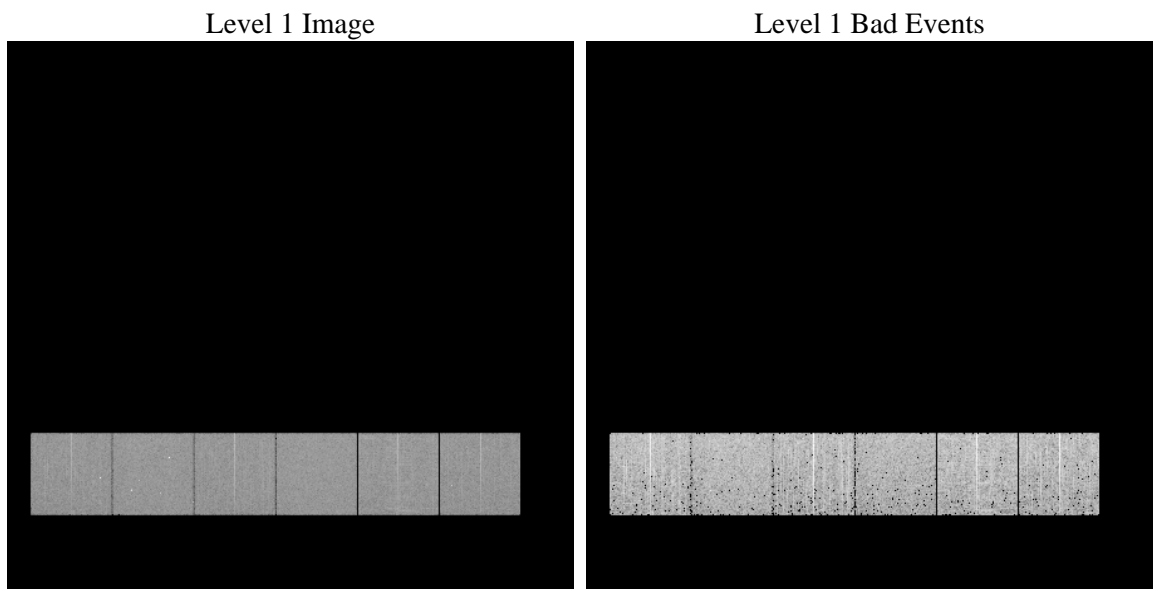
1 Front

seq_num	 	Sequence number
obs_id	59021	Observation id
title	ACIS-456789 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	197.03308298802	Nominal RA [deg]
dec_nom	-36.989092877002	Nominal Dec [deg]
roll_nom	349.46457991976	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3374.6259582341	Sum of GTIs [s]
livetime	3331.8944123951	Livetime [s]
ontime4	3374.5028382242	Sum of GTIs [s]
ontime5	3374.5849182308	Sum of GTIs [s]
ontime6	3374.5438782275	Sum of GTIs [s]
ontime7	3374.6259582341	Sum of GTIs [s]
ontime8	3374.4617982507	Sum of GTIs [s]
ontime9	3374.6669982374	Sum of GTIs [s]
l2events	393022	Number of level 2 events

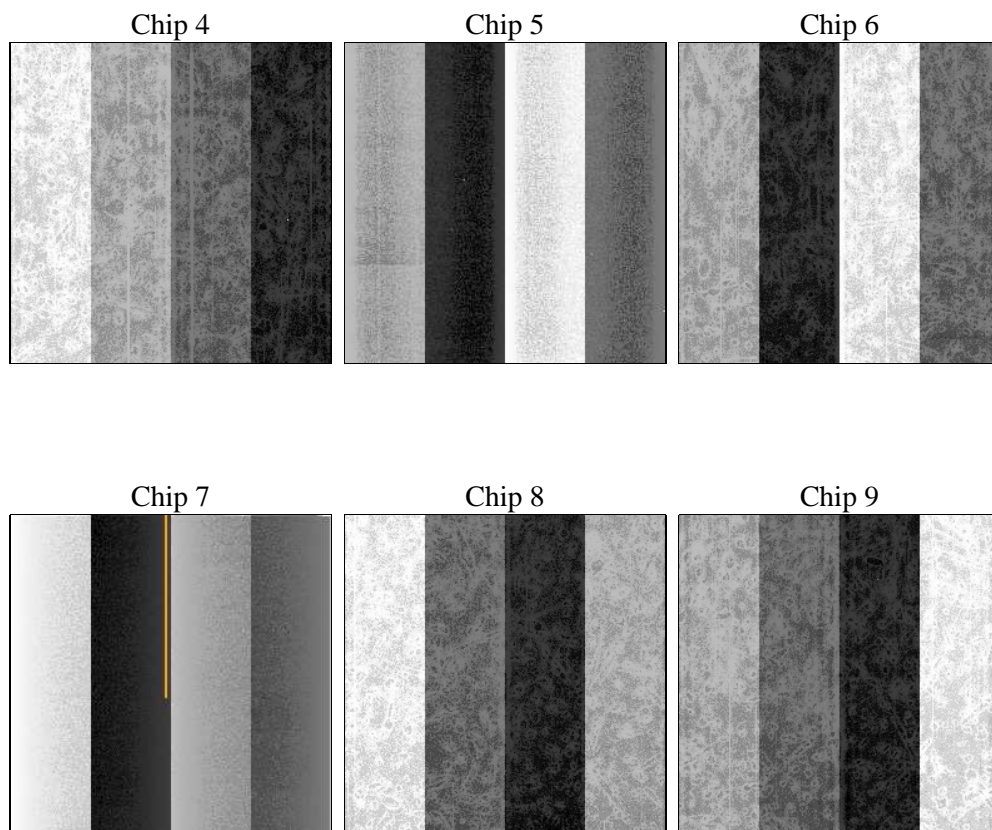
2 OBI

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	3374.6259582341	Sum of GTIs [s]
caldsver	4.4.8	 	ontime4	3374.5028382242	Sum of GTIs [s]
date	2012-03-30T05:57:58	Date and time of file creation	ontime5	3374.5849182308	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	3374.5438782275	Sum of GTIs [s]
			ontime7	3374.6259582341	Sum of GTIs [s]
			ontime8	3374.4617982507	Sum of GTIs [s]
			ontime9	3374.6669982374	Sum of GTIs [s]
			l1events	589904	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	94531	99263	97219	101323	103376	94192	grade 0 events	37668	15189	36824	17950	38507	35937
rejected events	29727	26151	28464	23457	30926	28570		39%	15%	37%	17%	37%	38%
rejected %	31%	26%	29%	23%	29%	30%	grade 1 events	345	135	180	66	226	239
								0%	0%	0%	0%	0%	0%
							grade 2 events	10096	26017	12161	16998	12939	11163
								10%	26%	12%	16%	12%	11%
							grade 3 events	4359	3955	4239	7553	4909	4385
								4%	3%	4%	7%	4%	4%
							grade 4 events	4412	4073	4519	7564	4780	4245
								4%	4%	4%	7%	4%	4%
							grade 5 events	1610	3725	1687	4046	2052	1881
								1%	3%	1%	3%	1%	1%
							grade 6 events	8320	23946	11080	27872	11408	9952
								8%	24%	11%	27%	11%	10%
							grade 7 events	27721	22223	26529	19274	28555	26390
								29%	22%	27%	19%	27%	28%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	197.0330829880215
[deg] Pointing Dec	0	-36.98909287700235
[deg] Pointing Roll	0.0	349.4645799197631
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	261357082.641722	261357081.61673
Observation start date	2006-04-13T23:11:23	2006-04-13T23:11:21
[s] Observation end time (MET)	261368921.392274	261368920.36728
Observation end date	2006-04-14T02:28:41	2006-04-14T02:28:40
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)	2012.03.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.3746259582341

A.2 Comments