

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61977 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Aug 31 2012

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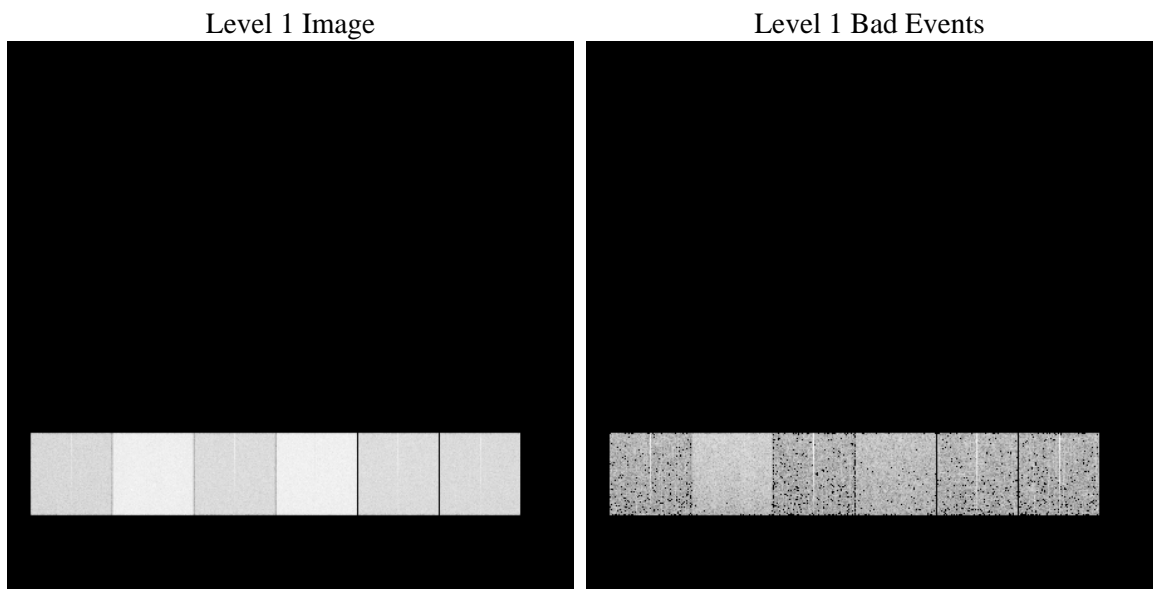
1 Front

seq_num	 	Sequence number
obs_id	61977	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	180.843287792	Nominal RA [deg]
dec_nom	-41.868335125576	Nominal Dec [deg]
roll_nom	227.48971770256	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4725.8558638245	Sum of GTIs [s]
livetime	4666.014231308	Livetime [s]
ontime4	2013.0010851175	Sum of GTIs [s]
ontime5	5088.802608043	Sum of GTIs [s]
ontime6	2177.9770495147	Sum of GTIs [s]
ontime7	4725.8558638245	Sum of GTIs [s]
ontime8	2223.6274750233	Sum of GTIs [s]
ontime9	2139.0846294612	Sum of GTIs [s]
l2events	1369533	Number of level 2 events

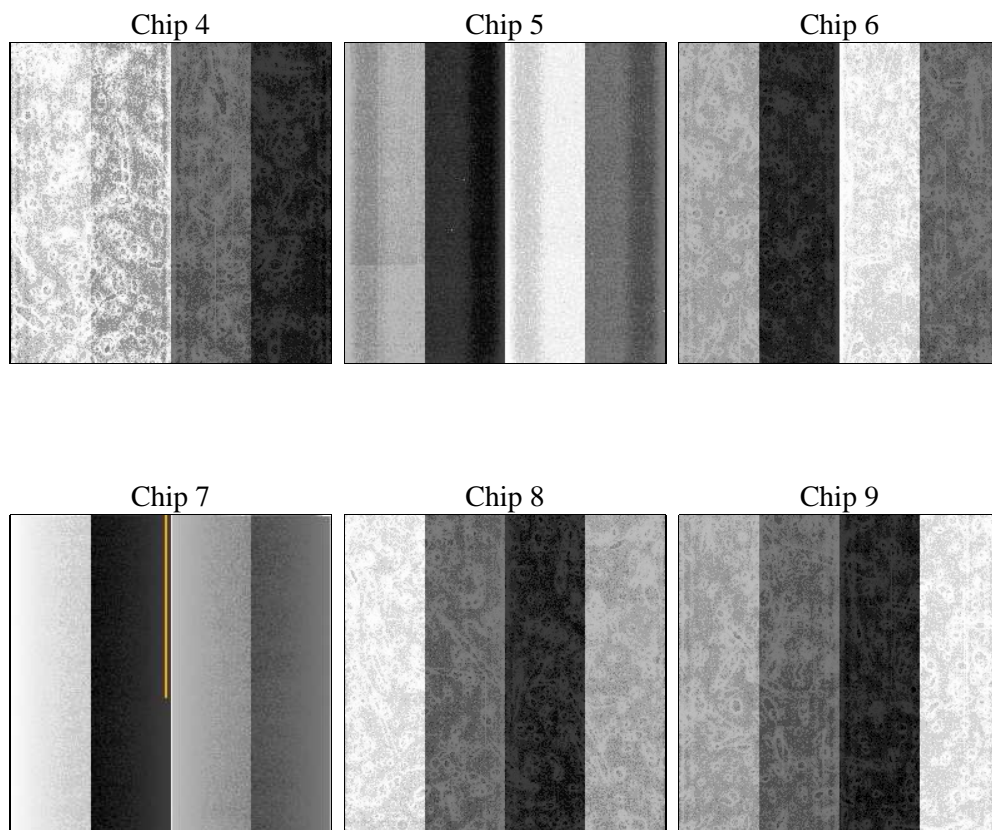
2 OBI

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	4725.8558638245	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	2013.0010851175	Sum of GTIs [s]
date	2012-08-31T12:47:46	Date and time of file creation	ontime5	5088.802608043	Sum of GTIs [s]
revision	4	Processing version of data	ontime6	2177.9770495147	Sum of GTIs [s]
			ontime7	4725.8558638245	Sum of GTIs [s]
			ontime8	2223.6274750233	Sum of GTIs [s]
			ontime9	2139.0846294612	Sum of GTIs [s]
			l1events	1557091	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	172587	391564	197374	406177	202505	186884	grade 0 events	88192	87737	98783	99163	101436	93565
rejected events	17316	36592	16811	22929	18623	17327		51%	22%	50%	24%	50%	50%
rejected %	10%	9%	8%	5%	9%	9%	grade 1 events	469	242	497	286	488	488
								0%	0%	0%	0%	0%	0%
							grade 2 events	27459	126300	31130	84812	32418	29755
								15%	32%	15%	20%	16%	15%
							grade 3 events	9487	23153	11114	39228	11587	10407
								5%	5%	5%	9%	5%	5%
							grade 4 events	9381	23075	11111	39195	11600	10404
								5%	5%	5%	9%	5%	5%
							grade 5 events	1210	7633	1482	5340	1494	1471
								0%	1%	0%	1%	0%	0%
							grade 6 events	20988	94923	28425	121093	27106	25426
								12%	24%	14%	29%	13%	13%
							grade 7 events	15401	28501	14832	17060	16376	15368
								8%	7%	7%	4%	8%	8%

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	180.8432877919979
[deg] Pointing Dec	0	-41.86833512557584
[deg] Pointing Roll	0.0	227.4897177025559
[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)	81597133.962	81597133.193443
Observation start date	2000-08-02T09:52:14	2000-08-02T09:52:13
[s] Observation end time (MET)	81607642.26199999	81607641.493834
Observation end date	2000-08-02T12:47:22	2000-08-02T12:47:21
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	0.000000	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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7258558638245

A.2 Comments