

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61208 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 7 2012

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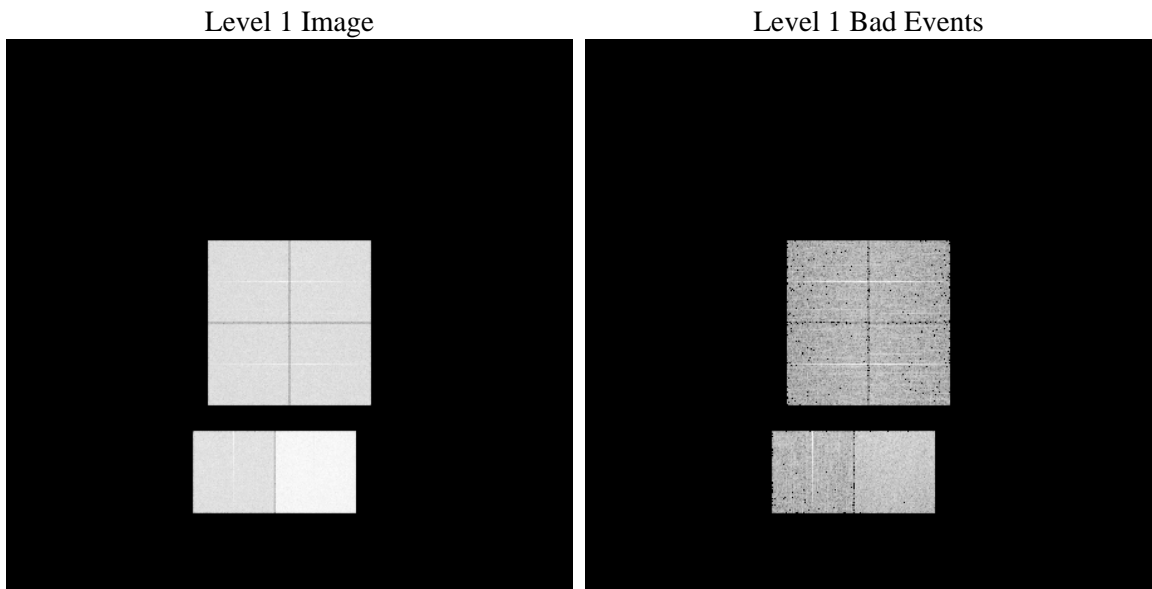
1 Front

seq_num	 	Sequence number
obs_id	61208	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	180.50460378778	Nominal RA [deg]
dec_nom	-0.028244304442751	Nominal Dec [deg]
roll_nom	246.44888346241	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8399.0216702223	Sum of GTIs [s]
livetime	8292.6682005502	Livetime [s]
ontime0	3565.1379924119	Sum of GTIs [s]
ontime1	3714.2244266272	Sum of GTIs [s]
ontime2	3488.8153912425	Sum of GTIs [s]
ontime3	3500.317232281	Sum of GTIs [s]
ontime6	3838.8052556217	Sum of GTIs [s]
ontime7	8399.0216702223	Sum of GTIs [s]
l2events	1310680	Number of level 2 events

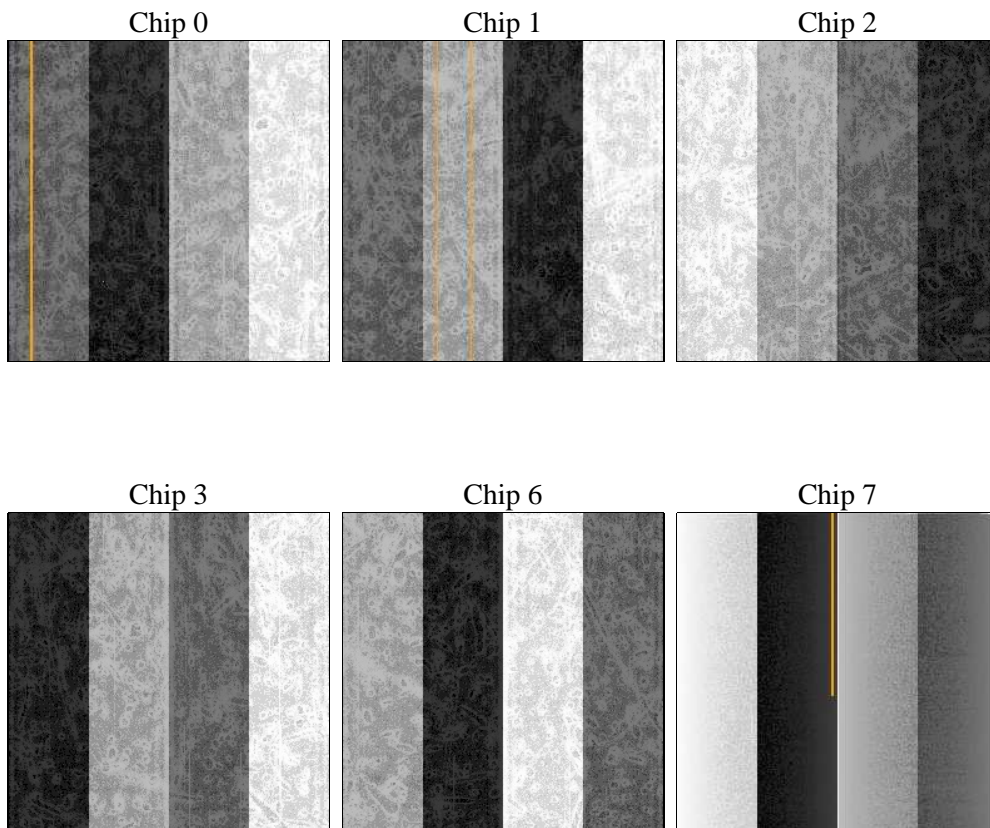
2 OBI

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	8399.0216702223	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3565.1379924119	Sum of GTIs [s]
date	2012-10-07T14:51:35	Date and time of file creation	ontime1	3714.2244266272	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3488.8153912425	Sum of GTIs [s]
			ontime3	3500.317232281	Sum of GTIs [s]
			ontime6	3838.8052556217	Sum of GTIs [s]
			ontime7	8399.0216702223	Sum of GTIs [s]
			l1events	1560243	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	206303	214553	205397	207331	232937	493722	grade 0 events	99044	103957	100060	100731	111198	111154
rejected events	27389	27503	27676	29434	30931	50568		48%	48%	48%	48%	47%	22%
rejected %	13%	12%	13%	14%	13%	10%	grade 1 events	582	501	462	537	517	293
								0%	0%	0%	0%	0%	0%
							grade 2 events	32134	33378	31515	31031	35068	98399
								15%	15%	15%	14%	15%	19%
							grade 3 events	11444	11652	11370	11369	12789	45236
								5%	5%	5%	5%	5%	9%
							grade 4 events	11291	12007	11073	11158	12425	45004
								5%	5%	5%	5%	5%	9%
							grade 5 events	1804	1831	1670	1915	2134	9318
								0%	0%	0%	0%	0%	1%
							grade 6 events	26151	27460	25451	25033	32583	146812
								12%	12%	12%	12%	13%	29%
							grade 7 events	23853	23767	23796	25557	26223	37506
								11%	11%	11%	12%	11%	7%

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	180.5046037877787
[deg] Pointing Dec	0	-0.02824430444275117
[deg] Pointing Roll	0.0	246.4488834624071
[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)	137334237.89837	137334236.87365
Observation start date	2002-05-09T12:23:58	2002-05-09T12:23:56
[s] Observation end time (MET)	137355547.649239	137355546.62451
Observation end date	2002-05-09T18:19:08	2002-05-09T18:19:06
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)	2012.10.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3990216702223

A.2 Comments