

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61273 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Star Slots	6
2.4	FID Slots	6
A	Summary	7
A.1	Status	7
A.2	Comments	7

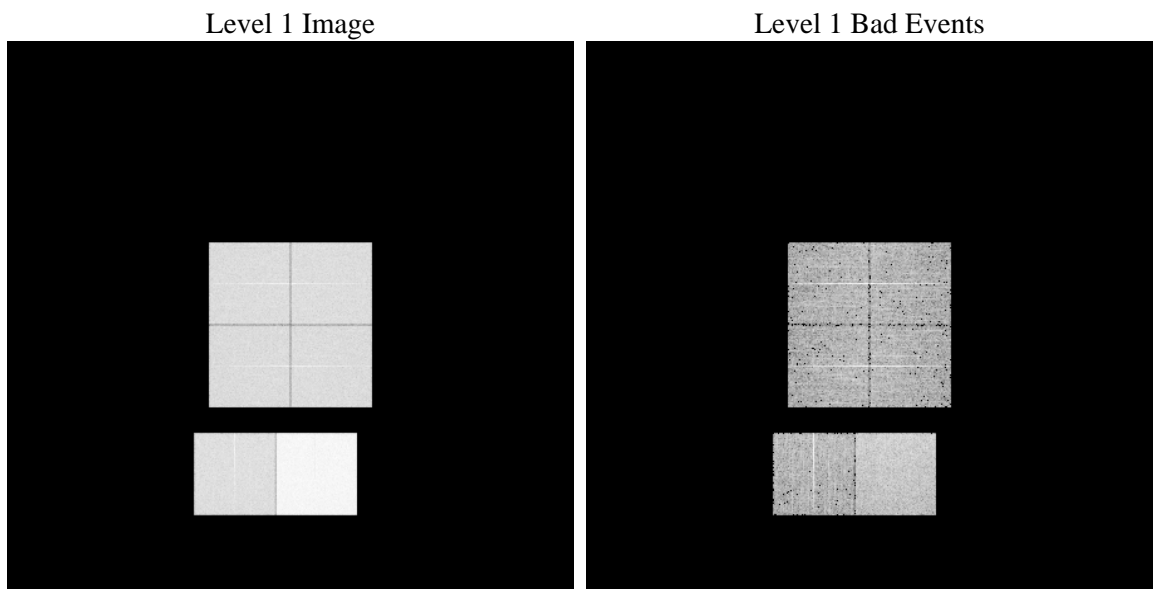
1 Front

seq_num	 	Sequence number
obs_id	61273	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	95.017621934432	Nominal RA [deg]
dec_nom	1.9774254200658	Nominal Dec [deg]
roll_nom	275.13020142071	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8374.4000077844	Sum of GTIs [s]
livetime	8268.3583124275	Livetime [s]
ontime0	3411.822173059	Sum of GTIs [s]
ontime1	3505.8526857197	Sum of GTIs [s]
ontime2	3236.8890007287	Sum of GTIs [s]
ontime3	3299.0296972543	Sum of GTIs [s]
ontime6	3535.1038563997	Sum of GTIs [s]
ontime7	8374.4000077844	Sum of GTIs [s]
l2events	1314871	Number of level 2 events

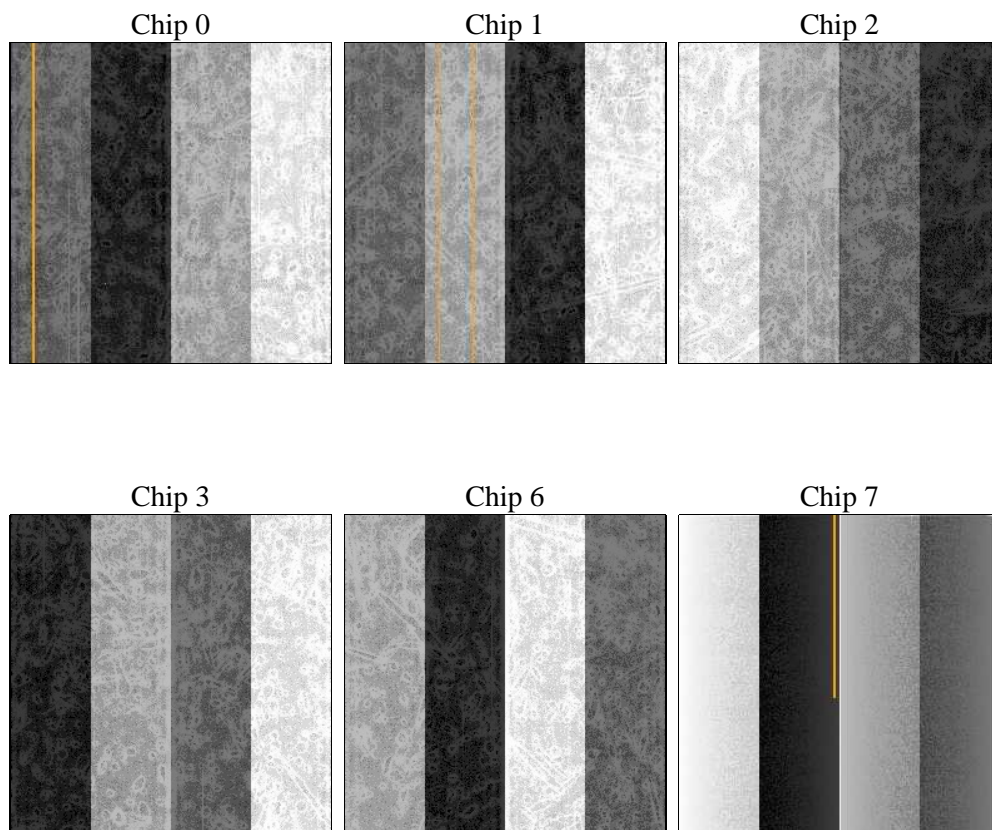
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8374.4000077844	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	3411.822173059	Sum of GTIs [s]
date	2012-10-03T10:11:21	Date and time of file creation	ontime1	3505.8526857197	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3236.8890007287	Sum of GTIs [s]
			ontime3	3299.0296972543	Sum of GTIs [s]
			ontime6	3535.1038563997	Sum of GTIs [s]
			ontime7	8374.4000077844	Sum of GTIs [s]
			l1events	1562064	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	207733	211547	200317	203857	224937	513673	grade 0 events	100171	102742	96830	98743	107188	118205
rejected events	27986	27118	27473	27599	29783	51477		48%	48%	48%	48%	47%	23%
rejected %	13%	12%	13%	13%	13%	10%	grade 1 events	553	480	509	571	584	318
								0%	0%	0%	0%	0%	0%
							grade 2 events	32294	32711	30378	31368	34005	102857
								15%	15%	15%	15%	15%	20%
							grade 3 events	11749	11740	10931	11371	12334	47382
								5%	5%	5%	5%	5%	9%
							grade 4 events	11510	11970	11301	11388	12337	47305
								5%	5%	5%	5%	5%	9%
							grade 5 events	1779	1832	1668	1786	2002	9595
								0%	0%	0%	0%	0%	1%
							grade 6 events	26139	27010	25124	24975	31306	151220
								12%	12%	12%	12%	13%	29%
							grade 7 events	23538	23062	23576	23655	25181	36791
								11%	10%	11%	11%	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	95.017621934432
[deg] Pointing Dec	0	1.977425420065823
[deg] Pointing Roll	0.0	275.1302014207146
[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)	131847258.669	131847257.90078
Observation start date	2002-03-07T00:14:19	2002-03-07T00:14:17
[s] Observation end time (MET)	131868568.42	131868567.65164
Observation end date	2002-03-07T06:09:28	2002-03-07T06:09:27
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	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3744000077844

A.2 Comments