

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60250 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 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

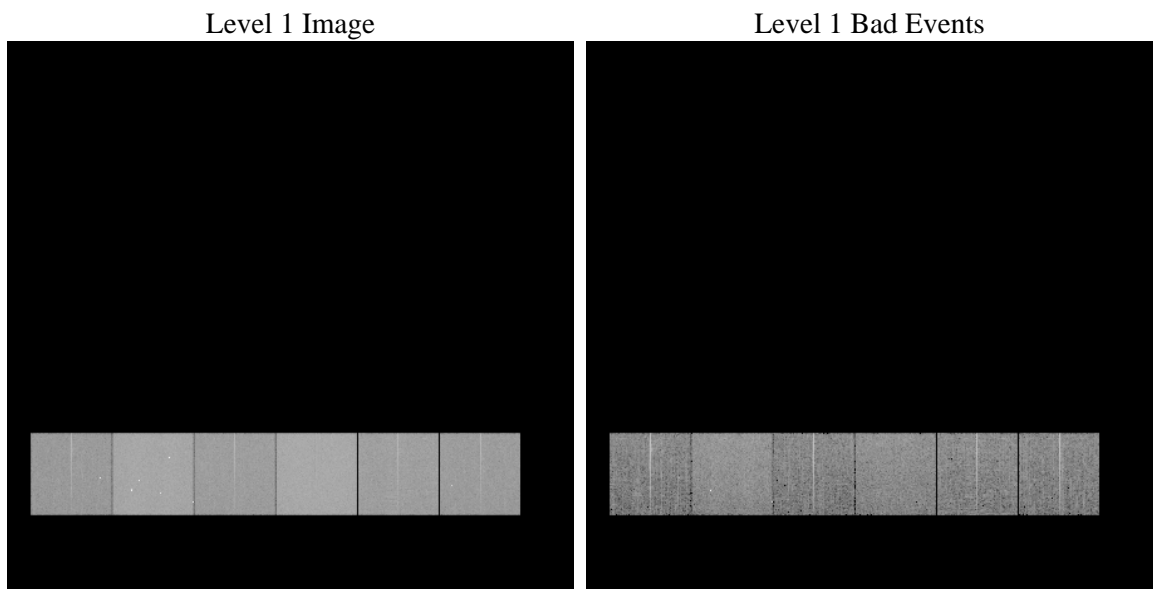
1 Front

seq_num	 	Sequence number
obs_id	60250	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	219.9779490832	Nominal RA [deg]
dec_nom	-7.0183973430819	Nominal Dec [deg]
roll_nom	187.04464778604	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8340.9739024341	Sum of GTIs [s]
livetime	8235.35546855	Livetime [s]
ontime4	5161.4537411034	Sum of GTIs [s]
ontime5	8340.9328624308	Sum of GTIs [s]
ontime6	5684.7468825877	Sum of GTIs [s]
ontime7	8340.9739024341	Sum of GTIs [s]
ontime8	5838.778578788	Sum of GTIs [s]
ontime9	5459.7888023853	Sum of GTIs [s]
l2events	1158586	Number of level 2 events

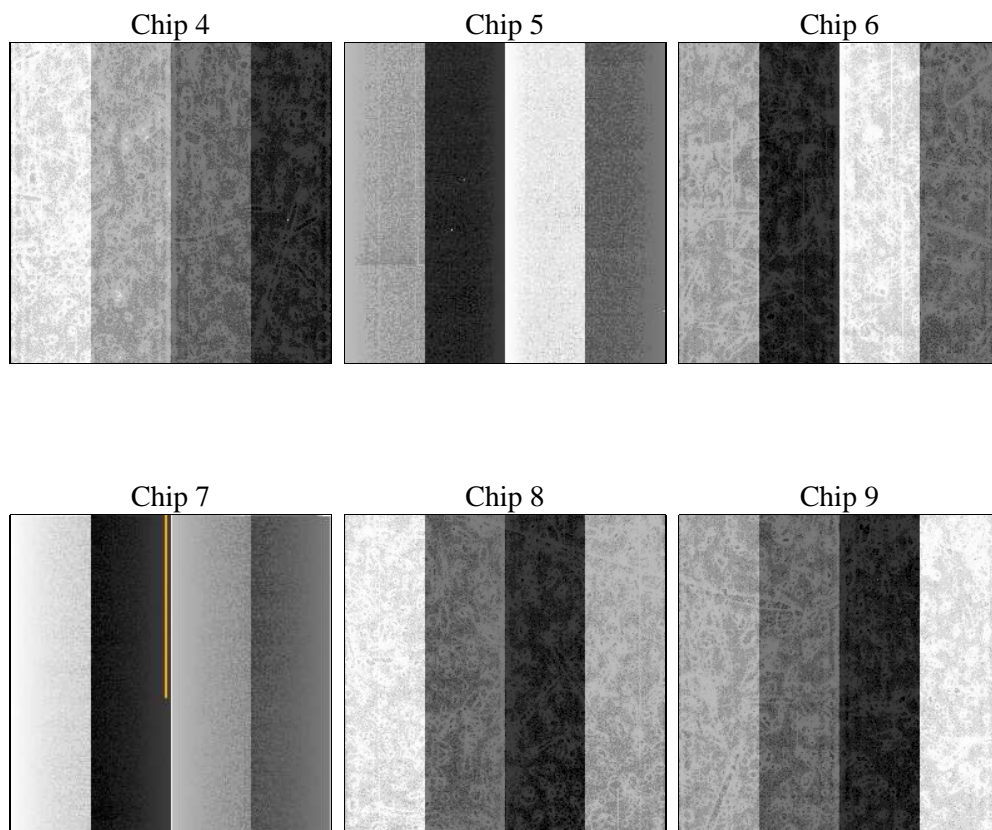
2 OBI

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	8340.9739024341	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5161.4537411034	Sum of GTIs [s]
date	2012-11-30T19:58:19	Date and time of file creation	ontime5	8340.9328624308	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5684.7468825877	Sum of GTIs [s]
			ontime7	8340.9739024341	Sum of GTIs [s]
			ontime8	5838.778578788	Sum of GTIs [s]
			ontime9	5459.7888023853	Sum of GTIs [s]
			l1events	1531201	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	199376	316522	226598	332838	241534	214333	grade 0 events	92558	53090	100649	67602	106196	94835
rejected events	44432	64835	44270	54068	49225	45658		46%	16%	44%	20%	43%	44%
rejected %	22%	20%	19%	16%	20%	21%	grade 1 events	713	421	519	192	536	574
								0%	0%	0%	0%	0%	0%
							grade 2 events	24071	96940	31669	62441	34014	28711
								12%	30%	13%	18%	14%	13%
							grade 3 events	10590	13868	11470	28066	12659	10995
								5%	4%	5%	8%	5%	5%
							grade 4 events	10370	13618	11632	27807	12466	10914
								5%	4%	5%	8%	5%	5%
							grade 5 events	2400	9889	2818	9044	3388	2924
								1%	3%	1%	2%	1%	1%
							grade 6 events	19502	77628	29341	96800	29021	25487
								9%	24%	12%	29%	12%	11%
							grade 7 events	39172	51068	38500	40886	43254	39893
								19%	16%	16%	12%	17%	18%

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	219.9779490831992
[deg] Pointing Dec	0	-7.018397343081949
[deg] Pointing Roll	0.0	187.0446477860363
[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)	199933428.0013	199933426.97629
Observation start date	2004-05-03T01:03:48	2004-05-03T01:03:46
[s] Observation end time (MET)	199956900.502335	199956899.47732
Observation end date	2004-05-03T07:35:01	2004-05-03T07:34:59
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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.3409739024341

A.2 Comments