

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 60040 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 9 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

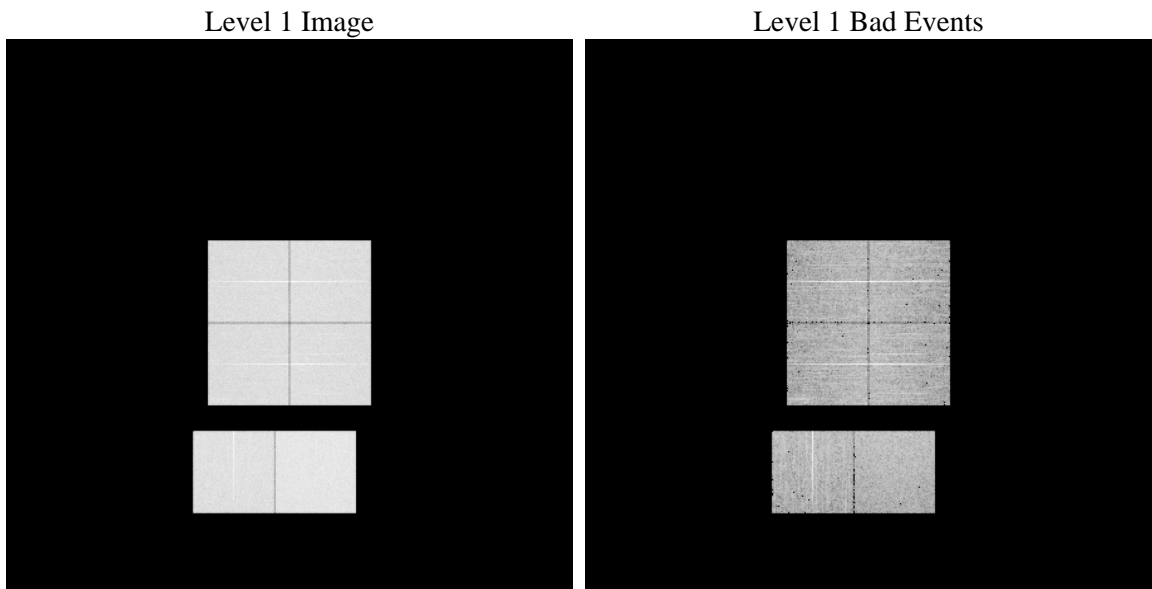
1 Front

seq_num	 	Sequence number
obs_id	60040	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	300.03569730442	Nominal RA [deg]
dec_nom	-47.015051247103	Nominal Dec [deg]
roll_nom	295.49194259131	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8287.0485521853	Sum of GTIs [s]
livetime	8182.112953556	Livetime [s]
ontime0	6608.4265413582	Sum of GTIs [s]
ontime1	6763.7088985145	Sum of GTIs [s]
ontime2	6361.7873017788	Sum of GTIs [s]
ontime3	6491.5899741054	Sum of GTIs [s]
ontime6	6971.415454179	Sum of GTIs [s]
ontime7	8287.0485521853	Sum of GTIs [s]
l2events	1163555	Number of level 2 events

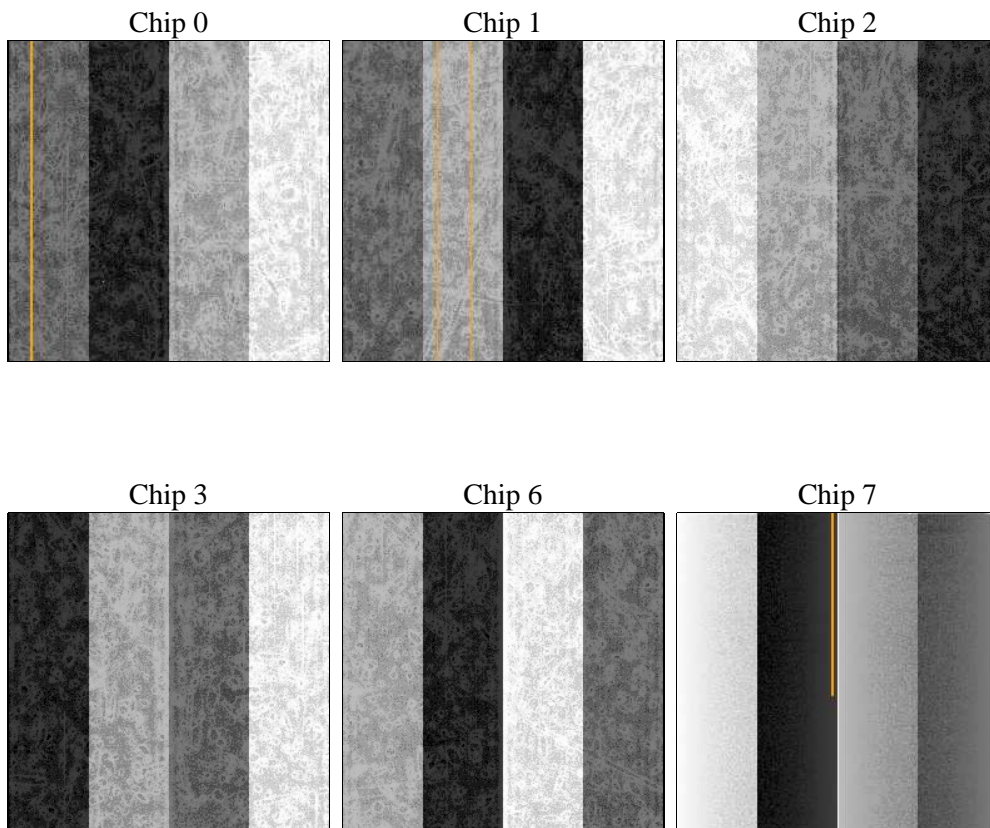
2 OBI

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	8.5	Processing system revision	ontime	8287.0485521853	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	6608.4265413582	Sum of GTIs [s]
date	2012-12-09T03:16:44	Date and time of file creation	ontime1	6763.7088985145	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	6361.7873017788	Sum of GTIs [s]
			ontime3	6491.5899741054	Sum of GTIs [s]
			ontime6	6971.415454179	Sum of GTIs [s]
			ontime7	8287.0485521853	Sum of GTIs [s]
			l1events	1499796	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	232083	237995	228734	235207	257853	307924	grade 0 events	103532	105536	102230	104961	113166	63217
rejected events	44040	44407	45363	47525	48839	48249		44%	44%	44%	44%	43%	20%
rejected %	18%	18%	19%	20%	18%	15%	grade 1 events	602	528	607	664	619	203
								0%	0%	0%	0%	0%	0%
							grade 2 events	32743	34513	30735	32007	35911	57090
								14%	14%	13%	13%	13%	18%
							grade 3 events	12145	12256	12042	12343	13144	25952
								5%	5%	5%	5%	5%	8%
							grade 4 events	12196	12373	12070	12353	13028	25701
								5%	5%	5%	5%	5%	8%
							grade 5 events	2886	2917	2617	3182	3130	8580
								1%	1%	1%	1%	1%	2%
							grade 6 events	27427	28910	26294	26018	33765	87715
								11%	12%	11%	11%	13%	28%
							grade 7 events	40552	40962	42139	43679	45090	39466
								17%	17%	18%	18%	17%	12%

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	300.0356973044186
[deg] Pointing Dec	0	-47.01505124710348
[deg] Pointing Roll	0.0	295.4919425913107
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	211825066.478848	211825065.45384
Observation start date	2004-09-17T16:17:46	2004-09-17T16:17:45
[s] Observation end time (MET)	211836038.079338	211836037.05433
Observation end date	2004-09-17T19:20:38	2004-09-17T19:20:37
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)	2012.12.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2870485521853

A.2 Comments