

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 59607 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 25 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

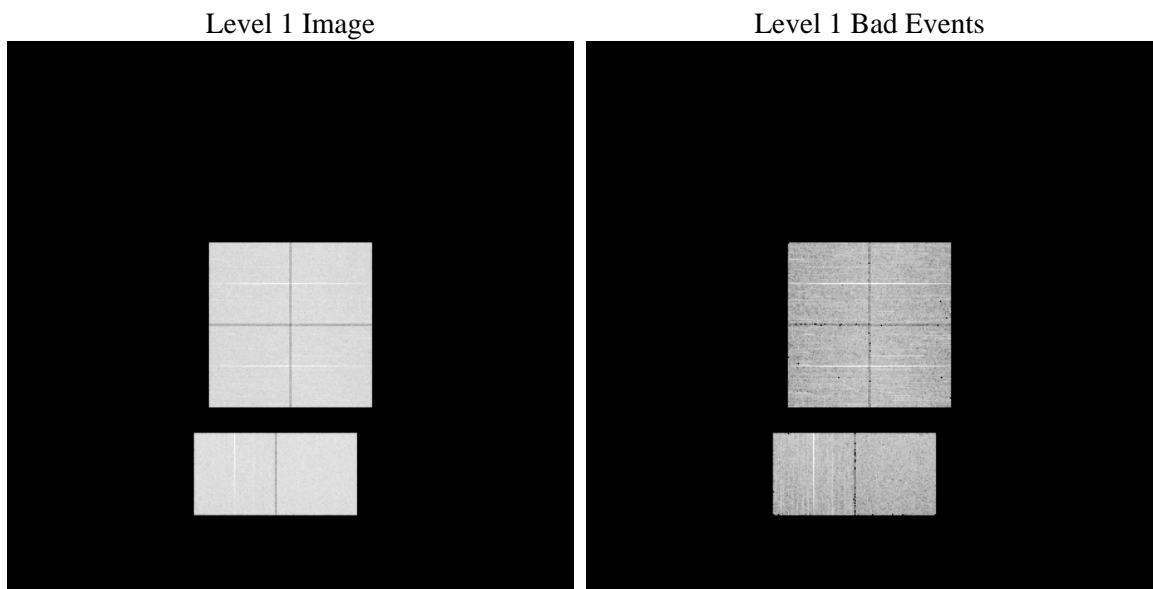
1 Front

seq_num	 	Sequence number
obs_id	59607	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	286.01059847165	Nominal RA [deg]
dec_nom	-44.970540472924	Nominal Dec [deg]
roll_nom	39.983862345034	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8278.3999691606	Sum of GTIs [s]
livetime	8173.573884097	Livetime [s]
ontime0	7782.5305937827	Sum of GTIs [s]
ontime1	7941.33822909	Sum of GTIs [s]
ontime2	7545.9392716587	Sum of GTIs [s]
ontime3	7738.6578887701	Sum of GTIs [s]
ontime6	8148.760897249	Sum of GTIs [s]
ontime7	8278.3999691606	Sum of GTIs [s]
l2events	1088789	Number of level 2 events

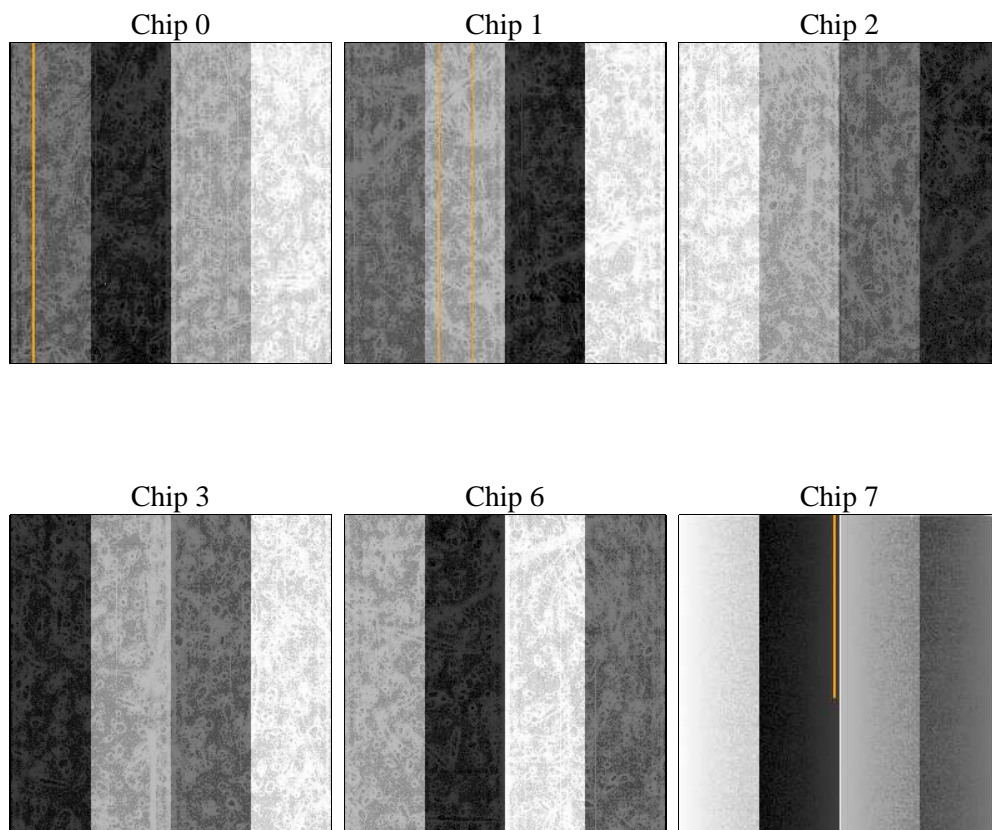
2 OBI

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	8.5.1.1	Processing system revision	ontime	8278.3999691606	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	7782.5305937827	Sum of GTIs [s]
date	2012-12-25T05:55:29	Date and time of file creation	ontime1	7941.33822909	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	7545.9392716587	Sum of GTIs [s]
			ontime3	7738.6578887701	Sum of GTIs [s]
			ontime6	8148.760897249	Sum of GTIs [s]
			ontime7	8278.3999691606	Sum of GTIs [s]
			l1events	1487540	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	235467	242337	233219	243323	261805	271389	grade 0 events	100010	101449	99298	102957	107721	50711
rejected events	53994	55936	56021	60125	62874	53193		42%	41%	42%	42%	41%	18%
rejected %	22%	23%	24%	24%	24%	19%	grade 1 events	573	505	637	642	579	174
								0%	0%	0%	0%	0%	0%
							grade 2 events	31679	33519	29481	30880	34421	48133
								13%	13%	12%	12%	13%	17%
							grade 3 events	11822	12071	11650	11926	12284	21434
								5%	4%	4%	4%	4%	7%
							grade 4 events	11661	11970	11771	11948	12402	21159
								4%	4%	5%	4%	4%	7%
							grade 5 events	3396	3553	3213	3693	3849	9245
								1%	1%	1%	1%	1%	3%
							grade 6 events	26301	27460	25081	25487	32187	76759
								11%	11%	10%	10%	12%	28%
							grade 7 events	50025	51810	52088	55790	58362	43774
								21%	21%	22%	22%	22%	16%

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	286.0105984716498
[deg] Pointing Dec	0	-44.9705404729235
[deg] Pointing Roll	0.0	39.98386234503418
[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)	235573218.751727	235573217.72673
Observation start date	2005-06-19T13:00:19	2005-06-19T13:00:17
[s] Observation end time (MET)	235597296.002825	235597294.97783
Observation end date	2005-06-19T19:41:36	2005-06-19T19:41:34
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2783999691606

A.2 Comments