

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56881 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 12 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

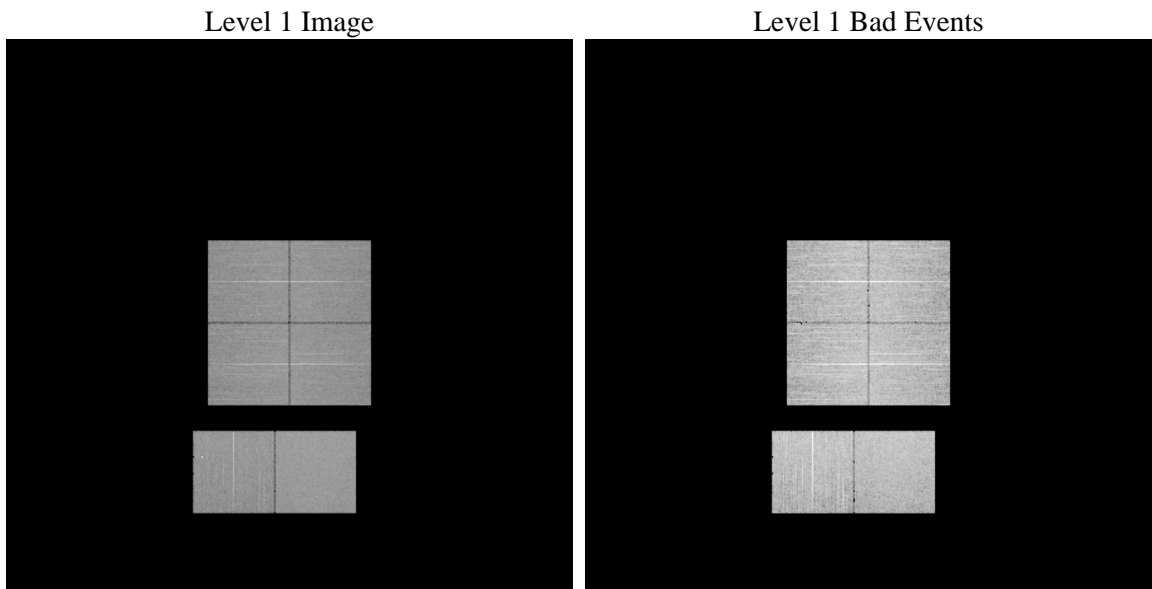
1 Front

seq_num	 	Sequence number
obs_id	56881	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	353.48050607437	Nominal RA [deg]
dec_nom	-5.9788185141964	Nominal Dec [deg]
roll_nom	99.565325594872	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8275.1999692321	Sum of GTIs [s]
livetime	8170.4144044945	Livetime [s]
ontime0	8275.1999692321	Sum of GTIs [s]
ontime1	8275.1999692321	Sum of GTIs [s]
ontime2	8275.1999692321	Sum of GTIs [s]
ontime3	8275.1999692321	Sum of GTIs [s]
ontime6	8275.1999692321	Sum of GTIs [s]
ontime7	8275.1999692321	Sum of GTIs [s]
l2events	468500	Number of level 2 events

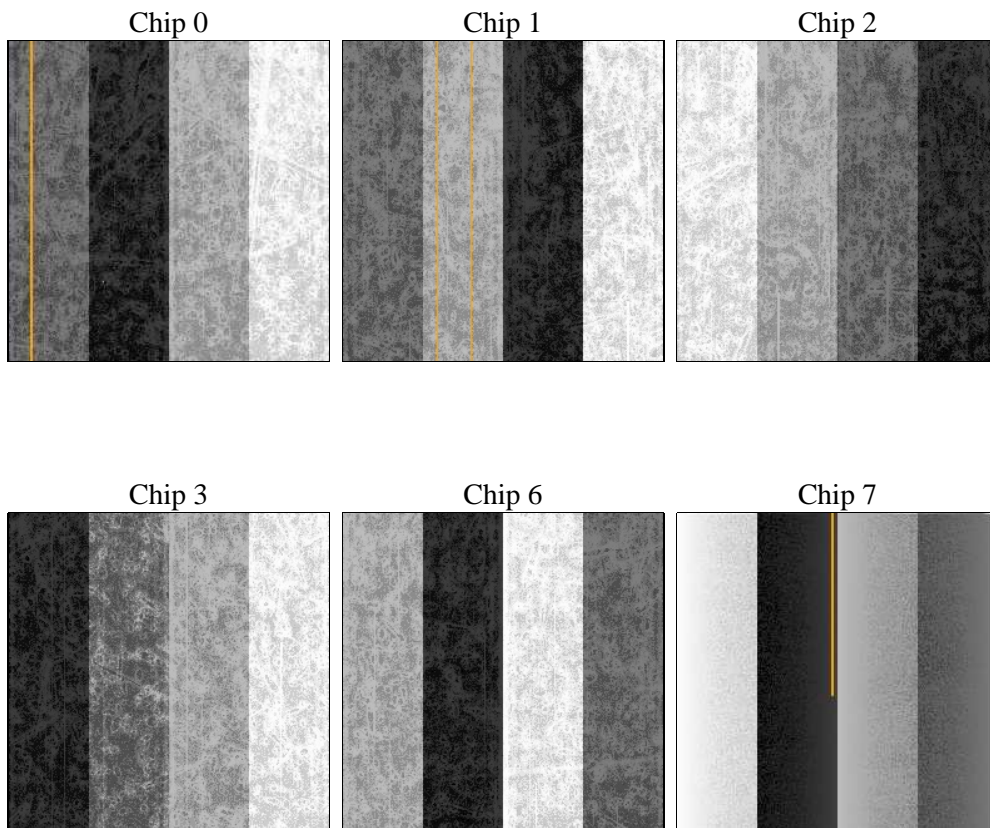
2 OBI

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	8275.1999692321	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8275.1999692321	Sum of GTIs [s]
date	2012-06-12T03:43:37	Date and time of file creation	ontime1	8275.1999692321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8275.1999692321	Sum of GTIs [s]
			ontime3	8275.1999692321	Sum of GTIs [s]
			ontime6	8275.1999692321	Sum of GTIs [s]
			ontime7	8275.1999692321	Sum of GTIs [s]
			l1events	942540	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	148713	146285	152891	150554	158285	185812	grade 0 events	40054	39186	40684	41376	40909	20961
rejected events	73378	70688	77994	74384	78095	71331		26%	26%	26%	27%	25%	11%
rejected %	49%	48%	51%	49%	49%	38%	grade 1 events	293	272	333	343	262	156
								0%	0%	0%	0%	0%	0%
							grade 2 events	13861	14225	12899	13173	15762	24748
								9%	9%	8%	8%	9%	13%
							grade 3 events	5064	5096	5067	5235	5105	10640
								3%	3%	3%	3%	3%	5%
							grade 4 events	5090	5086	5149	5164	5151	10511
								3%	3%	3%	3%	3%	5%
							grade 5 events	4197	4271	3711	4689	4409	11424
								2%	2%	2%	3%	2%	6%
							grade 6 events	11266	12004	11098	11222	13263	47621
								7%	8%	7%	7%	8%	25%
							grade 7 events	68888	66145	73950	69352	73424	59751
								46%	45%	48%	46%	46%	32%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	353.4805060743686	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-5.978818514196371	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	99.56532559487205	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.7809083437167272			
[mm] SIM defocus	0.1037507710433287	0.7524282956875696			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	367138544.567645	367138543.54265			
Observation start date	2009-08-20T06:55:45	2009-08-20T06:55:43			
[s] Observation end time (MET)	367164645.168952	367164644.14395			
Observation end date	2009-08-20T14:10:45	2009-08-20T14:10:44			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2751999692321

A.2 Comments