

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57786 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 15 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

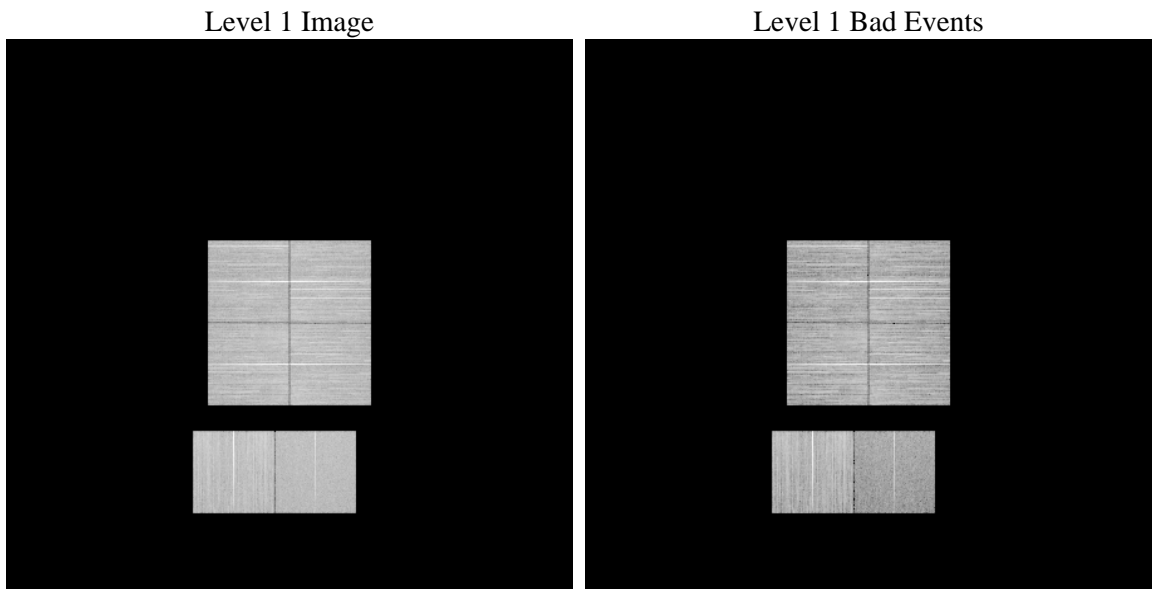
1 Front

seq_num	 	Sequence number
obs_id	57786	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	232.33815222251	Nominal RA [deg]
dec_nom	-42.501540943444	Nominal Dec [deg]
roll_nom	322.81823832171	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8039.3733637333	Sum of GTIs [s]
livetime	7937.5739774722	Livetime [s]
ontime0	6960.1648100019	Sum of GTIs [s]
ontime1	7072.5436574817	Sum of GTIs [s]
ontime2	6651.2150169611	Sum of GTIs [s]
ontime3	6940.6365982294	Sum of GTIs [s]
ontime6	7309.1366760731	Sum of GTIs [s]
ontime7	8039.3733637333	Sum of GTIs [s]
l2events	539898	Number of level 2 events

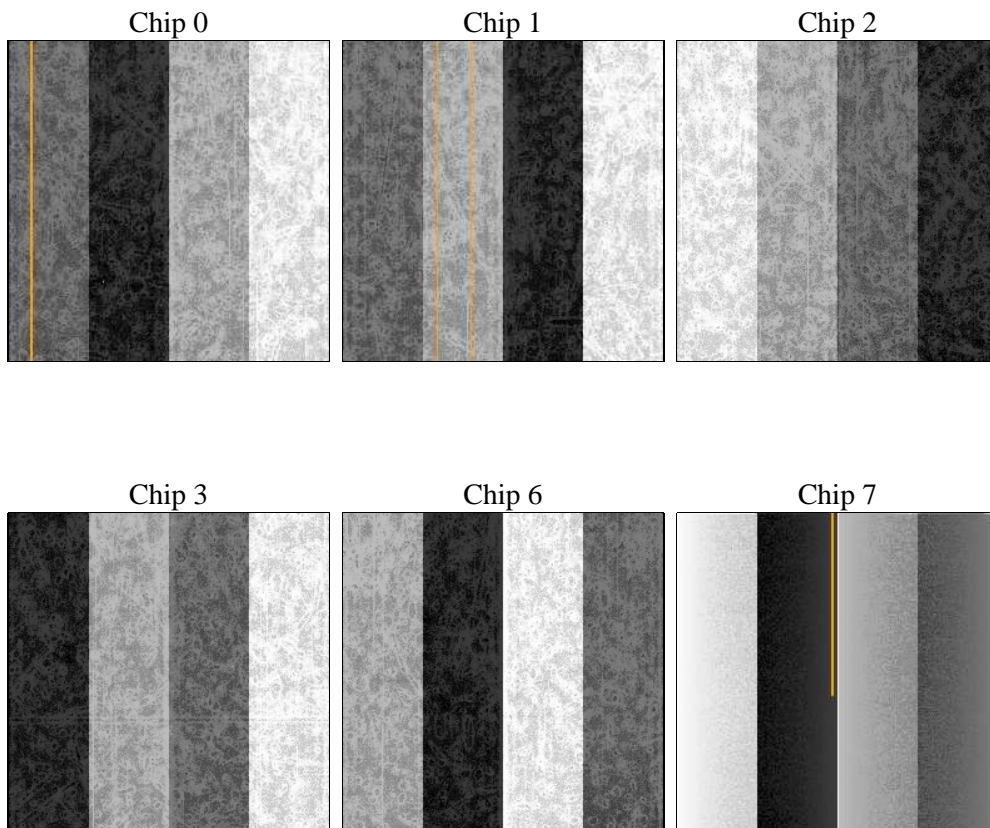
2 OBI

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	8.4.4	Processing system revision	ontime	8039.3733637333	Sum of GTIs [s]
caldbver	4.4.9	 	ontime0	6960.1648100019	Sum of GTIs [s]
date	2012-05-15T18:50:35	Date and time of file creation	ontime1	7072.5436574817	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	6651.2150169611	Sum of GTIs [s]
			ontime3	6940.6365982294	Sum of GTIs [s]
			ontime6	7309.1366760731	Sum of GTIs [s]
			ontime7	8039.3733637333	Sum of GTIs [s]
			l1events	1448658	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	229088	249423	241927	242495	262536	223189	grade 0 events	45358	45632	44732	46831	48436	26135
rejected events	144216	162543	159411	156278	169052	88033		19%	18%	18%	19%	18%	11%
rejected %	62%	65%	65%	64%	64%	39%	grade 1 events	295	277	342	364	289	144
								0%	0%	0%	0%	0%	0%
							grade 2 events	15656	16503	14752	15510	17629	32699
								6%	6%	6%	6%	6%	14%
							grade 3 events	5560	5627	5422	5669	5900	12317
								2%	2%	2%	2%	2%	5%
							grade 4 events	5518	5613	5445	5573	5902	11951
								2%	2%	2%	2%	2%	5%
							grade 5 events	3204	3406	3011	3465	3750	10094
								1%	1%	1%	1%	1%	4%
							grade 6 events	12780	13505	12165	12675	15617	52054
								5%	5%	5%	5%	5%	23%
							grade 7 events	140717	158860	156058	152408	165013	77795
								61%	63%	64%	62%	62%	34%

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	232.3381522225102
[deg] Pointing Dec	0	-42.50154094344387
[deg] Pointing Roll	0.0	322.8182383217082
[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)	328559603.648729	328559602.62372
Observation start date	2008-05-30T18:33:24	2008-05-30T18:33:22
[s] Observation end time (MET)	328581842.049816	328581841.0248
Observation end date	2008-05-31T00:44:02	2008-05-31T00:44:01
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)	2012.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0393733637333

A.2 Comments