

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 58399 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 24 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

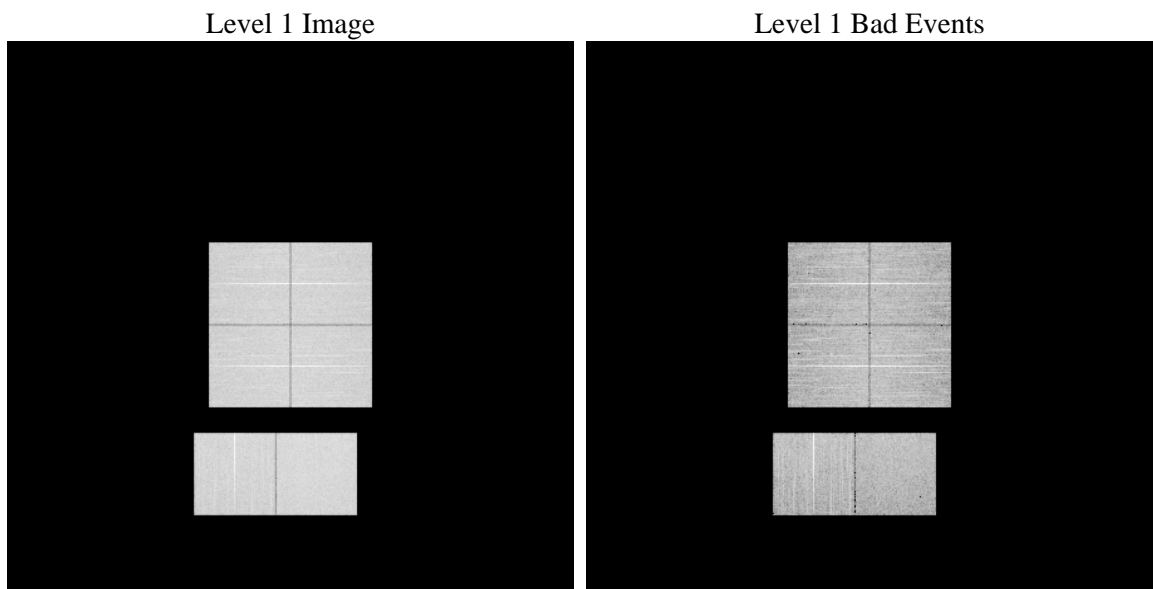
1 Front

seq_num	 	Sequence number
obs_id	58399	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	205.03399260902	Nominal RA [deg]
dec_nom	-38.010334716951	Nominal Dec [deg]
roll_nom	306.08825183943	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8268.7999692559	Sum of GTIs [s]
livetime	8164.0954451716	Livetime [s]
ontime0	8268.7999692559	Sum of GTIs [s]
ontime1	8268.7999692559	Sum of GTIs [s]
ontime2	8268.7999692559	Sum of GTIs [s]
ontime3	8268.7999692559	Sum of GTIs [s]
ontime6	8268.7999692559	Sum of GTIs [s]
ontime7	8268.7999692559	Sum of GTIs [s]
l2events	745481	Number of level 2 events

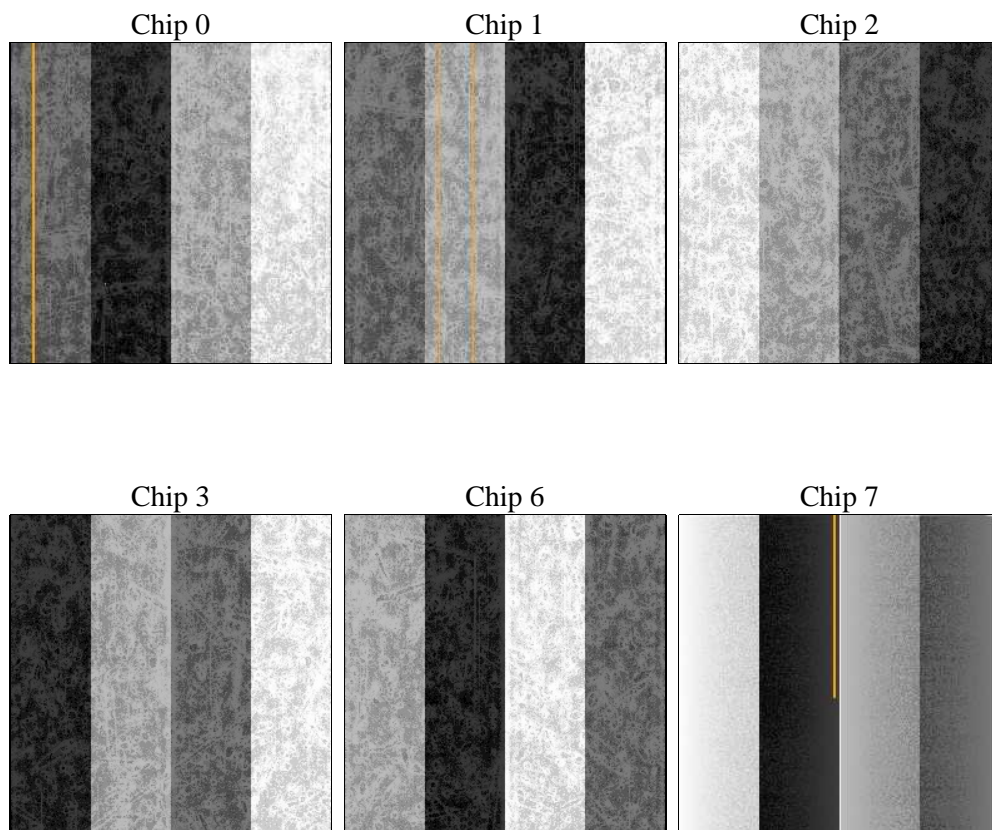
2 OBI

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	8268.7999692559	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	8268.7999692559	Sum of GTIs [s]
date	2012-04-24T21:27:25	Date and time of file creation	ontime1	8268.7999692559	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8268.7999692559	Sum of GTIs [s]
			ontime3	8268.7999692559	Sum of GTIs [s]
			ontime6	8268.7999692559	Sum of GTIs [s]
			ontime7	8268.7999692559	Sum of GTIs [s]
			l1events	1227159	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	196185	195233	200396	203155	207435	224755	grade 0 events	67324	66574	68522	69324	69112	33177
rejected events	72032	70796	76454	78390	77844	66010		34%	34%	34%	34%	33%	14%
rejected %	36%	36%	38%	38%	37%	29%	grade 1 events	455	421	539	541	411	175
								0%	0%	0%	0%	0%	0%
							grade 2 events	21856	23068	20805	21094	22697	34627
								11%	11%	10%	10%	10%	15%
							grade 3 events	8206	8031	8328	8220	8208	15000
								4%	4%	4%	4%	3%	6%
							grade 4 events	8140	7947	8160	8383	8113	14791
								4%	4%	4%	4%	3%	6%
							grade 5 events	3963	4032	3739	4230	4210	10630
								2%	2%	1%	2%	2%	4%
							grade 6 events	18627	18817	18127	17744	21461	61150
								9%	9%	9%	8%	10%	27%
							grade 7 events	67614	66343	72176	73619	73223	55205
								34%	33%	36%	36%	35%	24%

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	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	205.0339926090211	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-38.01033471695126	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	306.0882518394306			
[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)	295212946.988416	295212945.96342			
Observation start date	2007-05-10T19:35:47	2007-05-10T19:35:45			
[s] Observation end time (MET)	295226177.689048	295226176.66405			
Observation end date	2007-05-10T23:16:18	2007-05-10T23:16:16			
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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2687999692559

A.2 Comments