

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60509 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 5 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

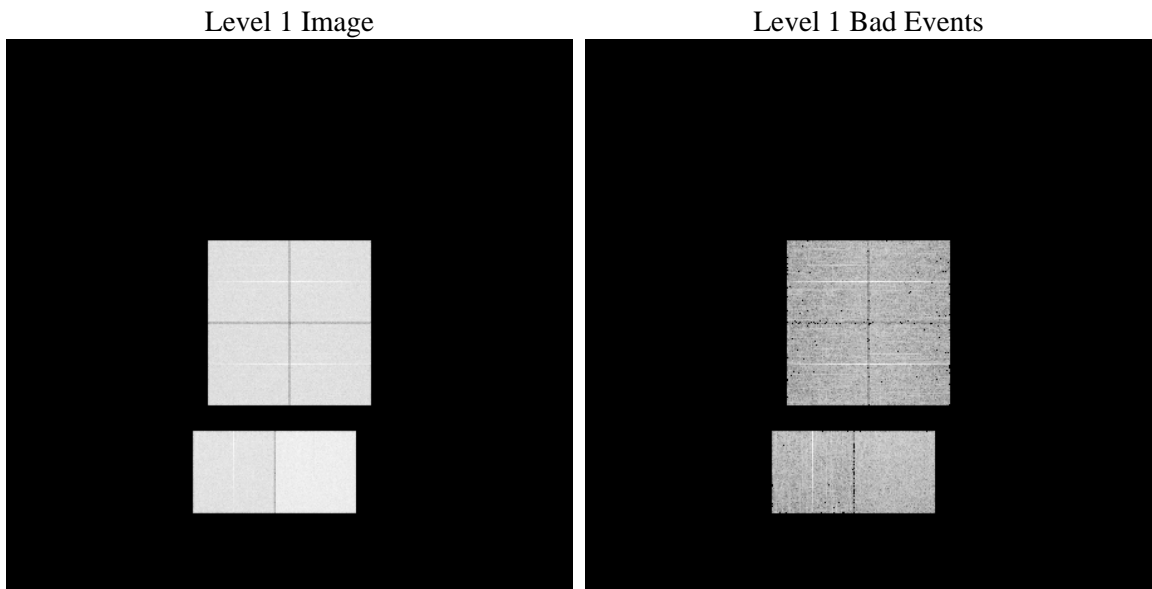
1 Front

seq_num	 	Sequence number
obs_id	60509	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	88.968689861398	Nominal RA [deg]
dec_nom	50.72062350023	Nominal Dec [deg]
roll_nom	101.03846559356	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8463.6804756522	Sum of GTIs [s]
livetime	8356.508257253	Livetime [s]
ontime0	5485.1886992455	Sum of GTIs [s]
ontime1	5595.3399714231	Sum of GTIs [s]
ontime2	5243.9729322791	Sum of GTIs [s]
ontime3	5365.3539124429	Sum of GTIs [s]
ontime6	5767.0306792259	Sum of GTIs [s]
ontime7	8463.6804756522	Sum of GTIs [s]
l2events	1250570	Number of level 2 events

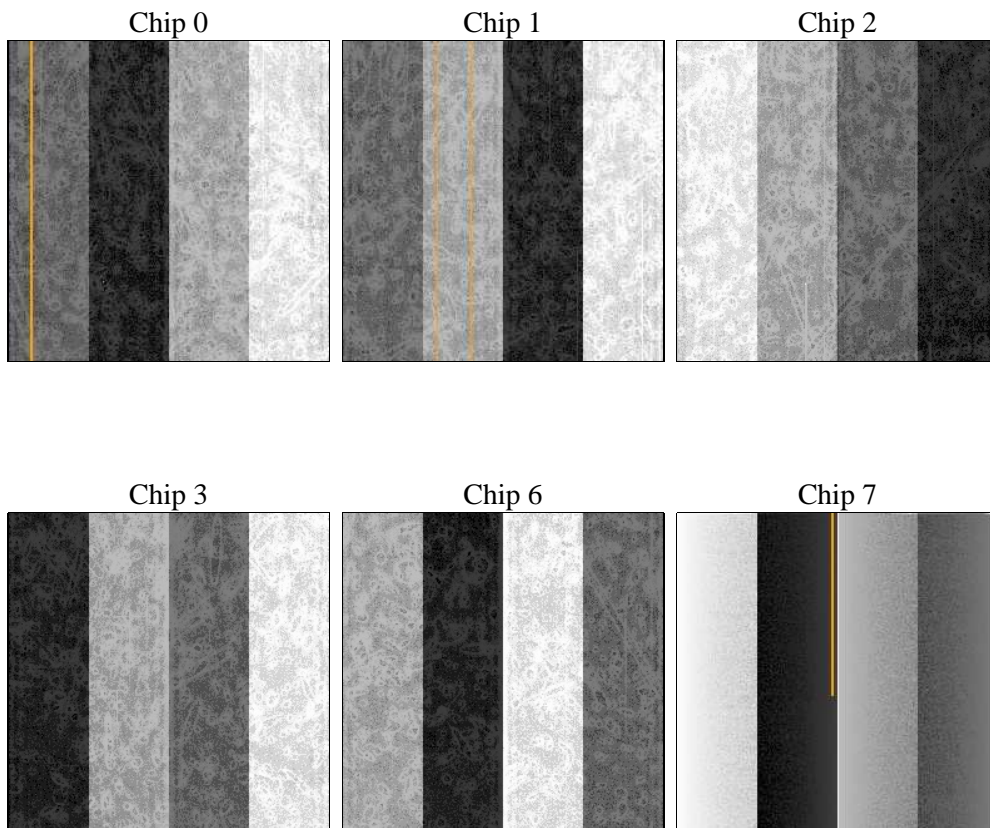
2 OBI

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	8463.6804756522	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5485.1886992455	Sum of GTIs [s]
date	2012-11-05T20:05:10	Date and time of file creation	ontime1	5595.3399714231	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5243.9729322791	Sum of GTIs [s]
			ontime3	5365.3539124429	Sum of GTIs [s]
			ontime6	5767.0306792259	Sum of GTIs [s]
			ontime7	8463.6804756522	Sum of GTIs [s]
			l1events	1537436	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	228725	234620	223487	229723	254046	366835	grade 0 events	107049	109347	106326	108771	117345	79505
rejected events	34993	35963	34595	36962	39039	45891		46%	46%	47%	47%	46%	21%
rejected %	15%	15%	15%	16%	15%	12%	grade 1 events	585	561	594	568	625	221
								0%	0%	0%	0%	0%	0%
							grade 2 events	33776	35124	31610	32842	36881	70071
								14%	14%	14%	14%	14%	19%
							grade 3 events	12540	12573	12236	12370	13406	32376
								5%	5%	5%	5%	5%	8%
							grade 4 events	12440	12662	12335	12379	13358	31989
								5%	5%	5%	5%	5%	8%
							grade 5 events	2374	2476	2224	2444	2724	8253
								1%	1%	0%	1%	1%	2%
							grade 6 events	28052	29064	26385	26504	34134	107135
								12%	12%	11%	11%	13%	29%
							grade 7 events	31909	32813	31777	33845	35573	37285
								13%	13%	14%	14%	14%	10%

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	88.96868986139791
[deg] Pointing Dec	0	50.72062350023
[deg] Pointing Roll	0.0	101.0384655935646
[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)	182569636.143622	182569635.1189
Observation start date	2003-10-15T01:47:16	2003-10-15T01:47:15
[s] Observation end time (MET)	182594268.944683	182594267.91996
Observation end date	2003-10-15T08:37:49	2003-10-15T08:37:47
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	0.000000	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)	2012.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4636804756522

A.2 Comments