

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60449 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 9 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

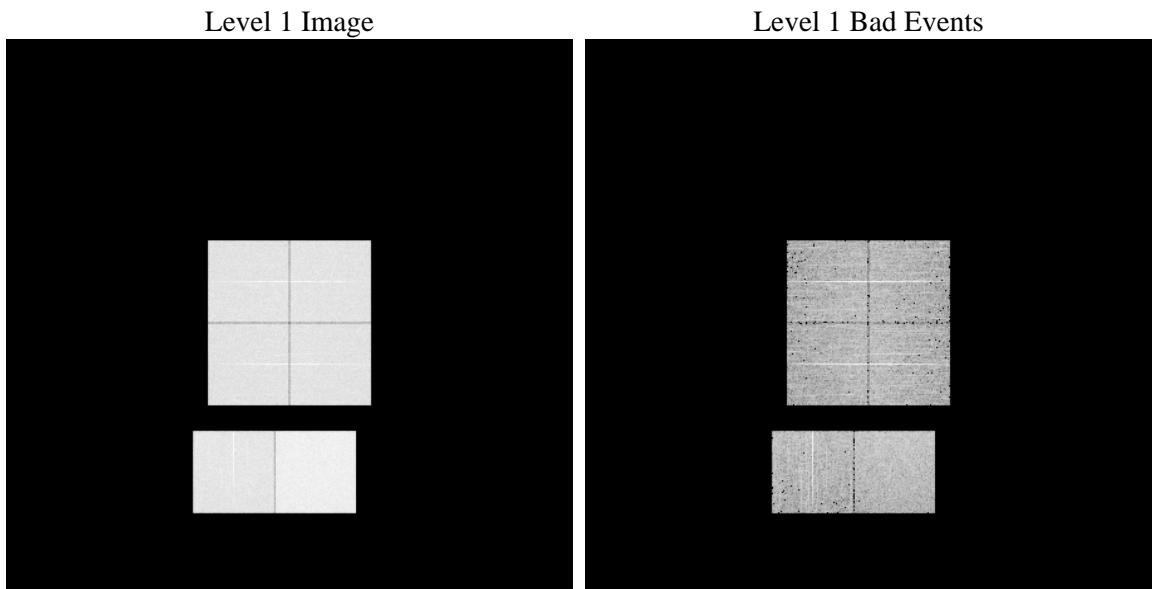
1 Front

seq_num	 	Sequence number
obs_id	60449	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	211.00325078948	Nominal RA [deg]
dec_nom	26.028463254983	Nominal Dec [deg]
roll_nom	51.309760841093	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8466.2200266719	Sum of GTIs [s]
livetime	8359.0156509485	Livetime [s]
ontime0	5889.6123304367	Sum of GTIs [s]
ontime1	5964.1131189764	Sum of GTIs [s]
ontime2	5662.662443459	Sum of GTIs [s]
ontime3	5701.7187644243	Sum of GTIs [s]
ontime6	6113.1159691513	Sum of GTIs [s]
ontime7	8466.2200266719	Sum of GTIs [s]
l2events	1255091	Number of level 2 events

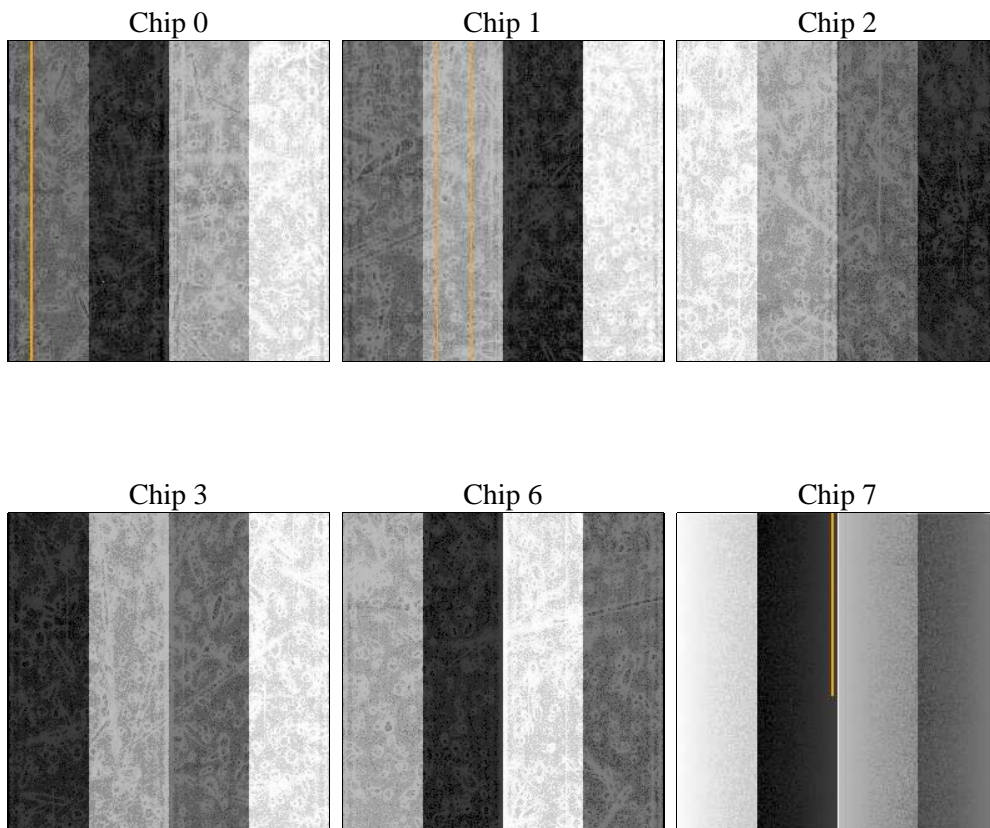
2 OBI

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	8466.2200266719	Sum of GTIs [s]
caldbver	4.5.2	 	ontime0	5889.6123304367	Sum of GTIs [s]
date	2012-11-09T06:43:54	Date and time of file creation	ontime1	5964.1131189764	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	5662.662443459	Sum of GTIs [s]
			ontime3	5701.7187644243	Sum of GTIs [s]
			ontime6	6113.1159691513	Sum of GTIs [s]
			ontime7	8466.2200266719	Sum of GTIs [s]
			l1events	1537210	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	234236	236856	228528	233069	255918	348603	grade 0 events	110132	110961	108786	110017	118828	76058
rejected events	35187	34679	34286	37125	38108	42778		47%	46%	47%	47%	46%	21%
rejected %	15%	14%	15%	15%	14%	12%	grade 1 events	551	512	578	608	535	196
								0%	0%	0%	0%	0%	0%
							grade 2 events	34770	36059	33109	33635	37597	67766
								14%	15%	14%	14%	14%	19%
							grade 3 events	12667	12793	12619	12705	13513	30409
								5%	5%	5%	5%	5%	8%
							grade 4 events	12873	12799	12494	12833	13434	30537
								5%	5%	5%	5%	5%	8%
							grade 5 events	2323	2488	2332	2473	2699	8218
								0%	1%	1%	1%	1%	2%
							grade 6 events	28710	29678	27346	26868	34553	101163
								12%	12%	11%	11%	13%	29%
							grade 7 events	32210	31566	31264	33930	34759	34256
								13%	13%	13%	14%	13%	9%

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	211.0032507894759
[deg] Pointing Dec	0	26.02846325498311
[deg] Pointing Roll	0.0	51.30976084109329
[mm] SIM focus pos	-0.782348	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-233.592463	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	188055165.780936	188055164.75623
Observation start date	2003-12-17T13:32:46	2003-12-17T13:32:44
[s] Observation end time (MET)	188077949.481926	188077948.45722
Observation end date	2003-12-17T19:52:29	2003-12-17T19:52:28
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)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4662200266719

A.2 Comments