

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56265 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 25 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

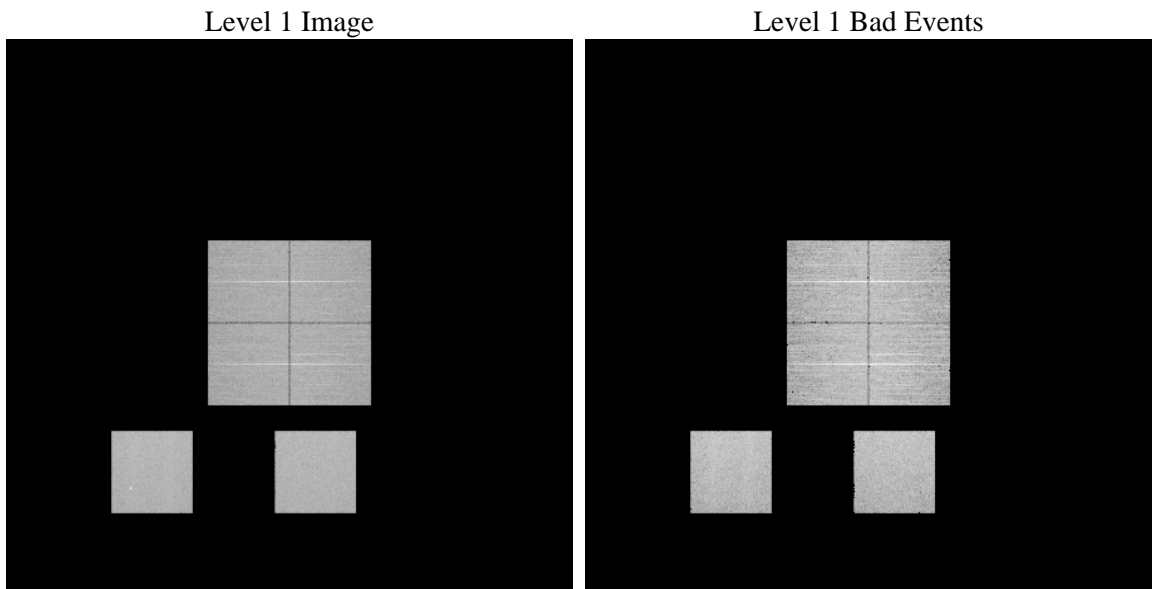
1 Front

seq_num	 	Sequence number
obs_id	56265	Observation id
title	ACIS-012357 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	198.02670752277	Nominal RA [deg]
dec_nom	-31.018074858831	Nominal Dec [deg]
roll_nom	287.71522451527	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8457.801553309	Sum of GTIs [s]
livetime	8350.7037773643	Livetime [s]
ontime0	8457.8425834179	Sum of GTIs [s]
ontime1	8457.8836234212	Sum of GTIs [s]
ontime2	8460.7999685407	Sum of GTIs [s]
ontime3	8457.7605133057	Sum of GTIs [s]
ontime5	8460.7999685407	Sum of GTIs [s]
ontime7	8457.801553309	Sum of GTIs [s]
l2events	434011	Number of level 2 events

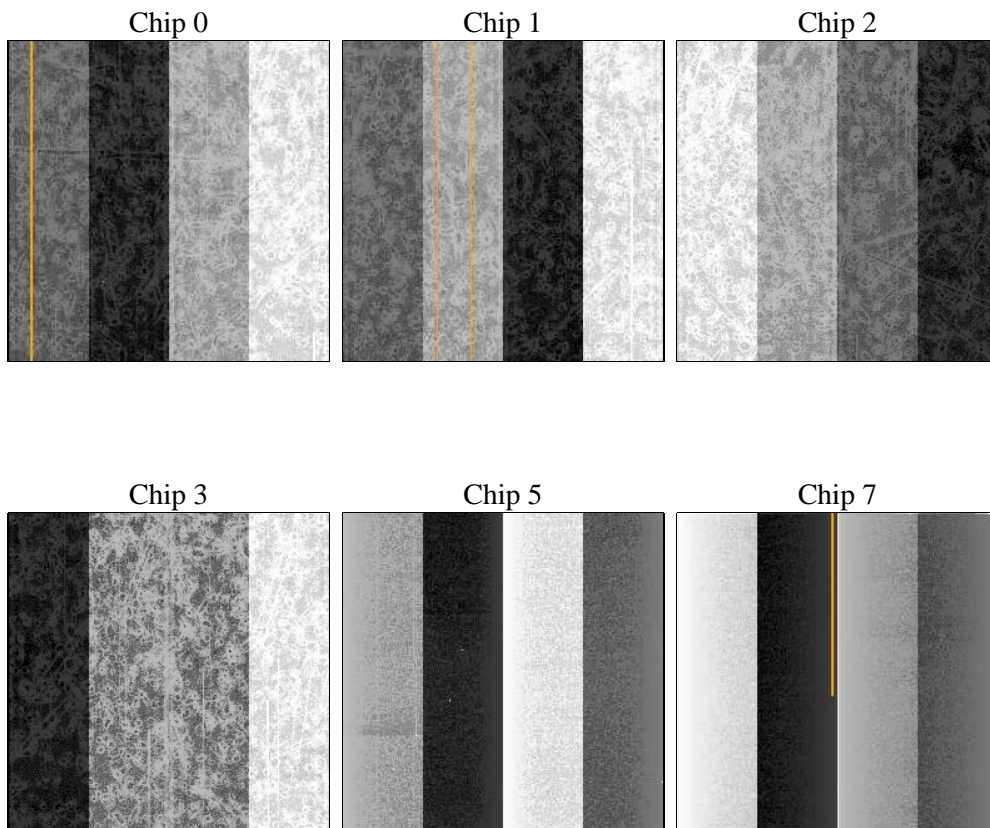
2 OBI

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	8457.801553309	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8457.8425834179	Sum of GTIs [s]
date	2012-06-25T14:42:48	Date and time of file creation	ontime1	8457.8836234212	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8460.7999685407	Sum of GTIs [s]
			ontime3	8457.7605133057	Sum of GTIs [s]
			ontime5	8460.7999685407	Sum of GTIs [s]
			ontime7	8457.801553309	Sum of GTIs [s]
			l1events	866041	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	130431	130315	131597	136941	169492	167265	grade 0 events	34153	32638	34876	35335	10735	16713
rejected events	66154	65888	67728	72383	70271	68163		26%	25%	26%	25%	6%	9%
rejected %	50%	50%	51%	52%	41%	40%	grade 1 events	220	187	285	259	197	138
								0%	0%	0%	0%	0%	0%
							grade 2 events	11699	13153	10768	11051	37452	22025
								8%	10%	8%	8%	22%	13%
							grade 3 events	4286	4143	4336	4464	3698	8595
								3%	3%	3%	3%	2%	5%
							grade 4 events	4213	4179	4416	4277	3511	8624
								3%	3%	3%	3%	2%	5%
							grade 5 events	3833	3943	3594	4049	8192	10148
								2%	3%	2%	2%	4%	6%
							grade 6 events	9926	10314	9473	9431	43825	43145
								7%	7%	7%	6%	25%	25%
							grade 7 events	62101	61758	63849	68075	61882	57877
								47%	47%	48%	49%	36%	34%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	198.0267075227678
[deg] Pointing Dec	0	-31.01807485883104
[deg] Pointing Roll	0.0	287.7152245152702
[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)	390027574.724309	390027573.6993
Observation start date	2010-05-12T04:59:35	2010-05-12T04:59:33
[s] Observation end time (MET)	390038546.324868	390038545.29985
Observation end date	2010-05-12T08:02:26	2010-05-12T08:02:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.457801553309

A.2 Comments