

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60958 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 17 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

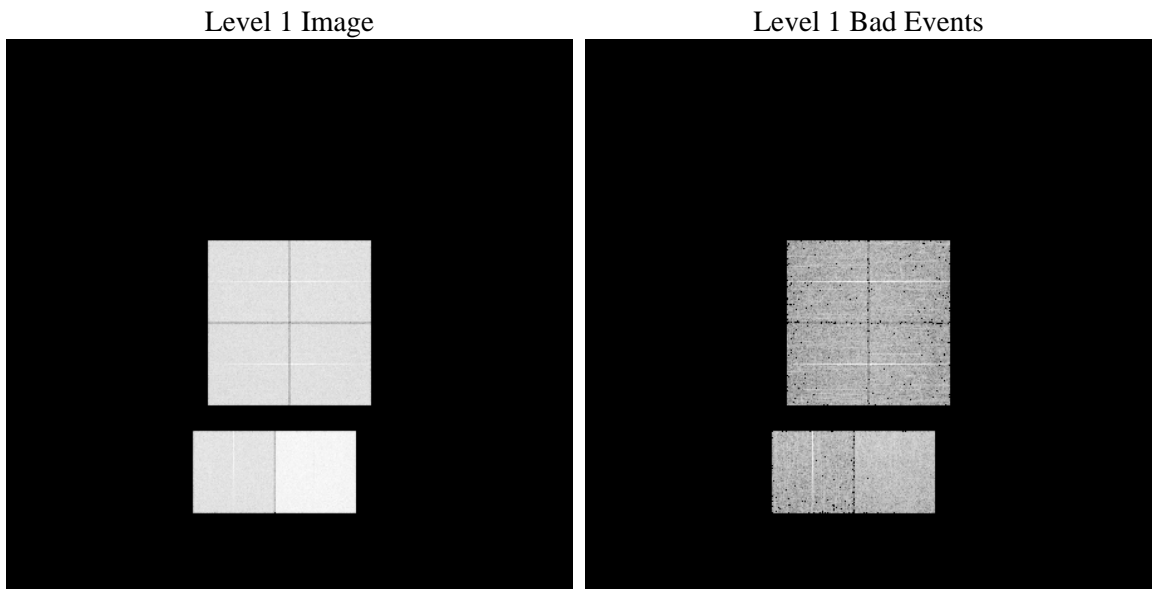
1 Front

seq_num	 	Sequence number
obs_id	60958	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	82.651386030105	Nominal RA [deg]
dec_nom	78.900710541751	Nominal Dec [deg]
roll_nom	145.76260713102	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8431.9999685884	Sum of GTIs [s]
livetime	8325.2289078453	Livetime [s]
ontime0	4137.7080317736	Sum of GTIs [s]
ontime1	4221.9740052521	Sum of GTIs [s]
ontime2	3975.657277137	Sum of GTIs [s]
ontime3	3985.3804760873	Sum of GTIs [s]
ontime6	4312.721899569	Sum of GTIs [s]
ontime7	8431.9999685884	Sum of GTIs [s]
l2events	1297911	Number of level 2 events

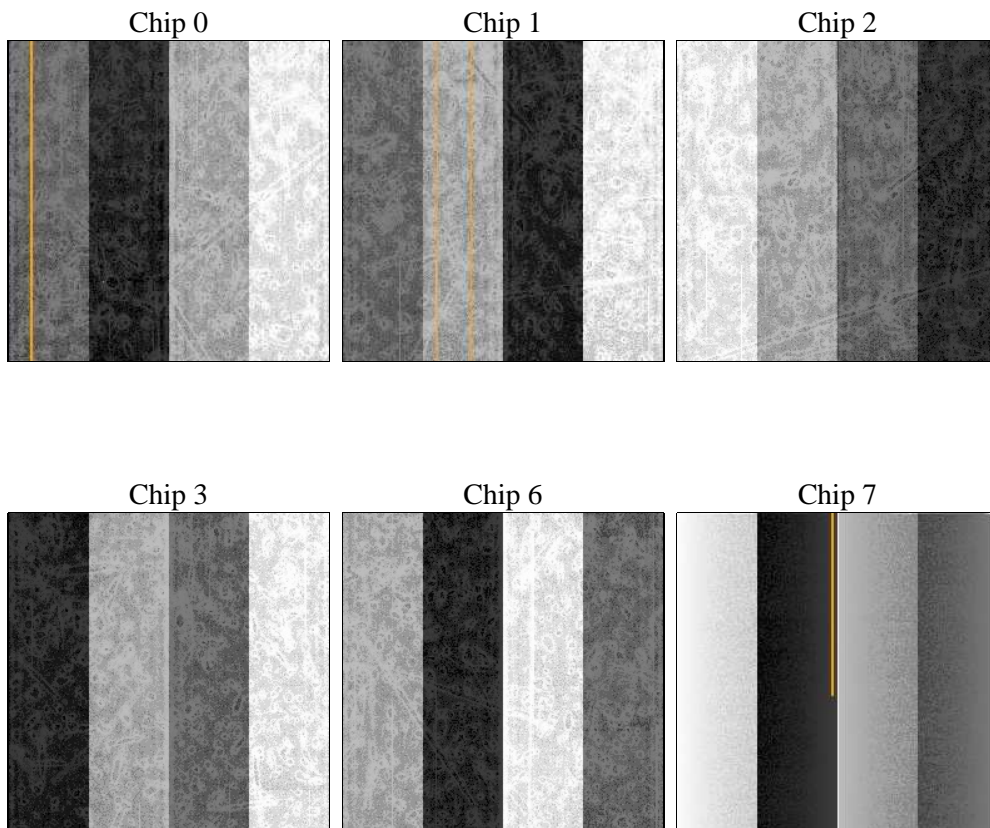
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8431.9999685884	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4137.7080317736	Sum of GTIs [s]
date	2012-10-17T11:19:16	Date and time of file creation	ontime1	4221.9740052521	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3975.657277137	Sum of GTIs [s]
			ontime3	3985.3804760873	Sum of GTIs [s]
			ontime6	4312.721899569	Sum of GTIs [s]
			ontime7	8431.9999685884	Sum of GTIs [s]
			l1events	1547018	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	216746	221476	210074	213565	238321	446836	grade 0 events	103941	105255	102064	103485	112119	100371
rejected events	28316	29213	27604	29102	31863	45182		47%	47%	48%	48%	47%	22%
rejected %	13%	13%	13%	13%	13%	10%	grade 1 events	563	562	643	651	594	276
								0%	0%	0%	0%	0%	0%
							grade 2 events	32737	34153	30705	31122	35499	87985
								15%	15%	14%	14%	14%	19%
							grade 3 events	12141	12135	11860	12009	12826	40193
								5%	5%	5%	5%	5%	8%
							grade 4 events	11921	12157	11842	11960	12712	40019
								5%	5%	5%	5%	5%	8%
							grade 5 events	2046	2113	1892	2010	2286	8787
								0%	0%	0%	0%	0%	1%
							grade 6 events	27690	28563	25999	25887	33302	133086
								12%	12%	12%	12%	13%	29%
							grade 7 events	25707	26538	25069	26441	28983	36119
								11%	11%	11%	12%	12%	8%

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	82.6513860301049
[deg] Pointing Dec	0	78.90071054175054
[deg] Pointing Roll	0.0	145.7626071310203
[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)	153783840.375906	153783839.35119
Observation start date	2002-11-15T21:44:00	2002-11-15T21:43:59
[s] Observation end time (MET)	153806546.176851	153806545.15213
Observation end date	2002-11-16T04:02:26	2002-11-16T04:02:25
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
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)	2012.10.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4319999685884

A.2 Comments