

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61419 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Sep 26 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

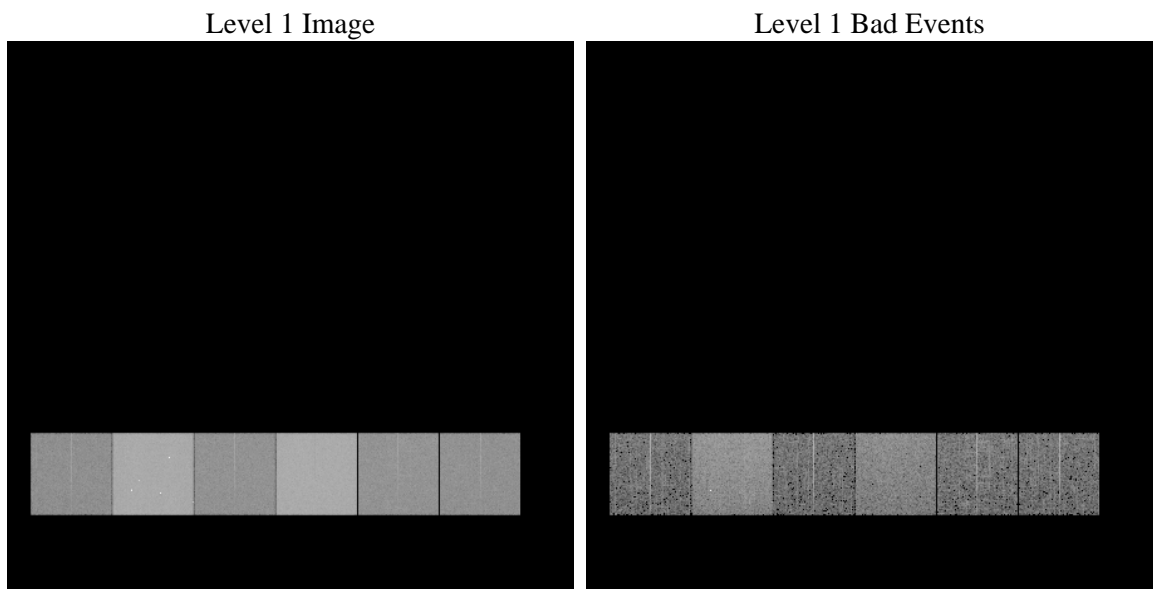
1 Front

seq_num	 	Sequence number
obs_id	61419	Observation id
title	ACIS-456789 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	140.98320855787	Nominal RA [deg]
dec_nom	60.027388089638	Nominal Dec [deg]
roll_nom	74.250223159918	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6428.3964723349	Sum of GTIs [s]
livetime	6346.9962454865	Livetime [s]
ontime4	2419.1637210399	Sum of GTIs [s]
ontime5	6908.0174012929	Sum of GTIs [s]
ontime6	2587.7384916991	Sum of GTIs [s]
ontime7	6428.3964723349	Sum of GTIs [s]
ontime8	2647.9270816892	Sum of GTIs [s]
ontime9	2529.5229117572	Sum of GTIs [s]
l2events	1299040	Number of level 2 events

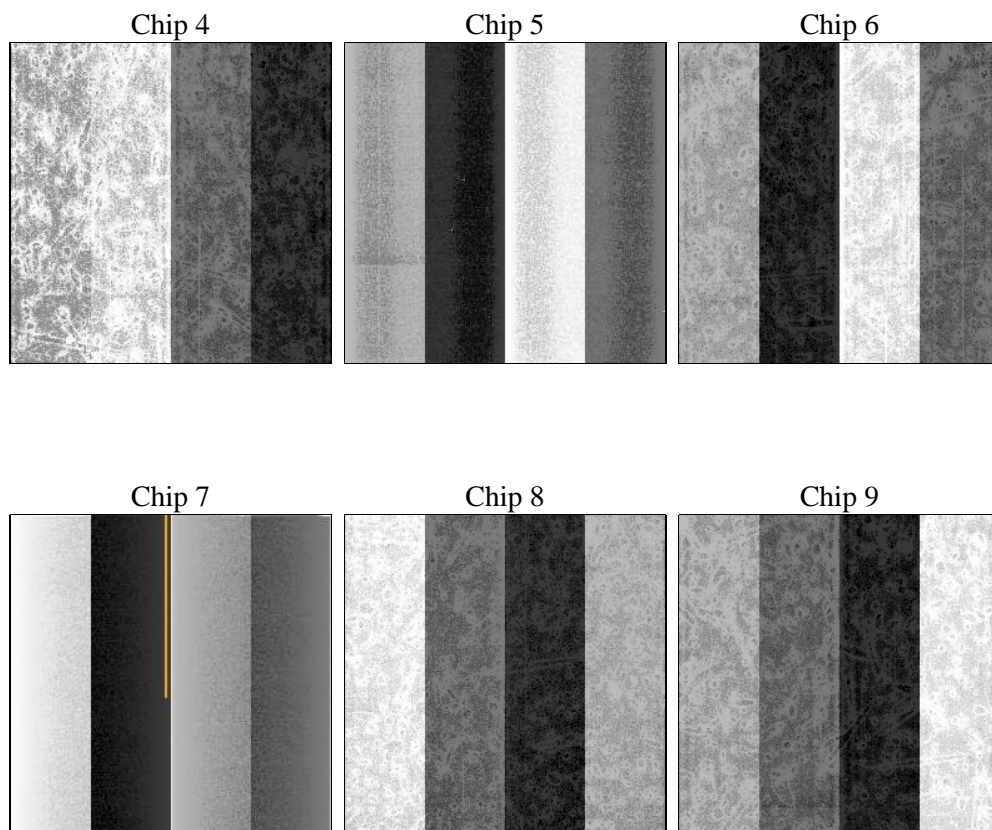
2 OBI

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	6428.3964723349	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime4	2419.1637210399	Sum of GTIs [s]
date	2012-09-27T00:17:48	Date and time of file creation	ontime5	6908.0174012929	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2587.7384916991	Sum of GTIs [s]
			ontime7	6428.3964723349	Sum of GTIs [s]
			ontime8	2647.9270816892	Sum of GTIs [s]
			ontime9	2529.5229117572	Sum of GTIs [s]
			l1events	1543080	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	158830	418829	179873	427560	186912	171076	grade 0 events	77650	86123	86990	99626	89591	82102
rejected events	22239	54524	21648	38550	24387	22323		48%	20%	48%	23%	47%	47%
rejected %	14%	13%	12%	9%	13%	13%	grade 1 events	429	293	449	291	472	417
								0%	0%	0%	0%	0%	0%
							grade 2 events	24391	135748	27531	86641	29103	26526
								15%	32%	15%	20%	15%	15%
							grade 3 events	8596	22213	9726	39815	10192	9421
								5%	5%	5%	9%	5%	5%
							grade 4 events	8228	21499	9727	39423	10431	9354
								5%	5%	5%	9%	5%	5%
							grade 5 events	1359	9462	1502	7044	1709	1552
								0%	2%	0%	1%	0%	0%
							grade 6 events	18964	102229	25600	127397	24455	22840
								11%	24%	14%	29%	13%	13%
							grade 7 events	19213	41262	18348	27323	20959	18864
								12%	9%	10%	6%	11%	11%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	140.9832085578661
[deg] Pointing Dec	0	60.02738808963822
[deg] Pointing Roll	0.0	74.25022315991778
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	121109958.888	121109958.11948
Observation start date	2001-11-02T17:39:19	2001-11-02T17:39:18
[s] Observation end time (MET)	121131268.639	121131267.87033
Observation end date	2001-11-02T23:34:29	2001-11-02T23:34:27
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)	2012.09.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.4283964723349

A.2 Comments