

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60973 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 16 2012

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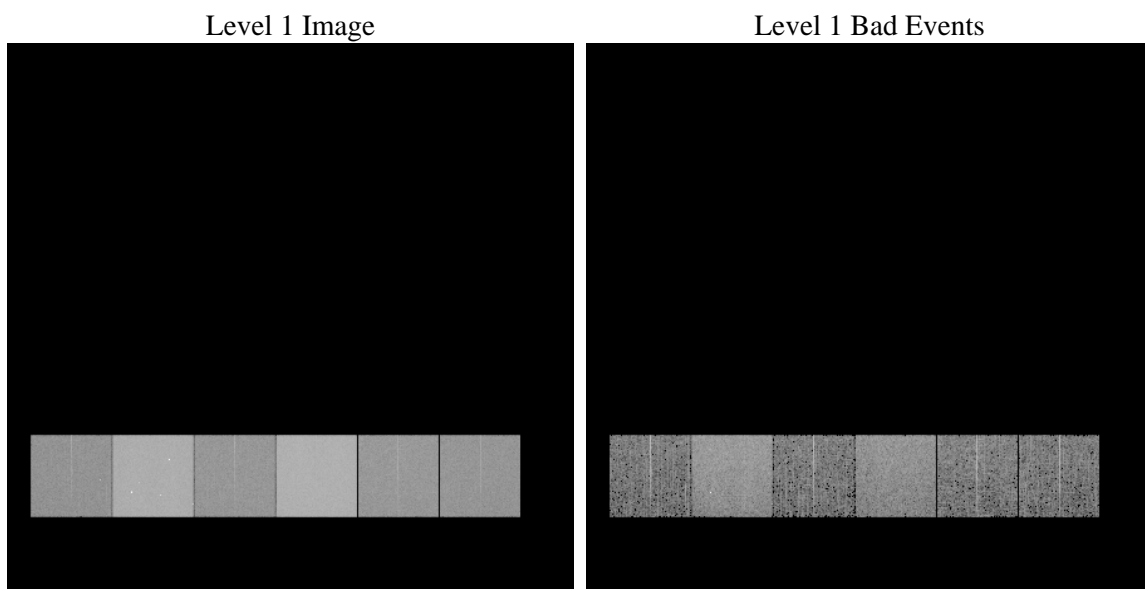
1 Front

seq_num	 	Sequence number
obs_id	60973	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	338.41887069086	Nominal RA [deg]
dec_nom	18.777638770119	Nominal Dec [deg]
roll_nom	275.75994666332	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7999684811	Sum of GTIs [s]
livetime	8353.664224798	Livetime [s]
ontime4	3071.5892542899	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	3343.7945073247	Sum of GTIs [s]
ontime7	8460.7999684811	Sum of GTIs [s]
ontime8	3515.650829941	Sum of GTIs [s]
ontime9	3282.0919663906	Sum of GTIs [s]
l2events	1294264	Number of level 2 events

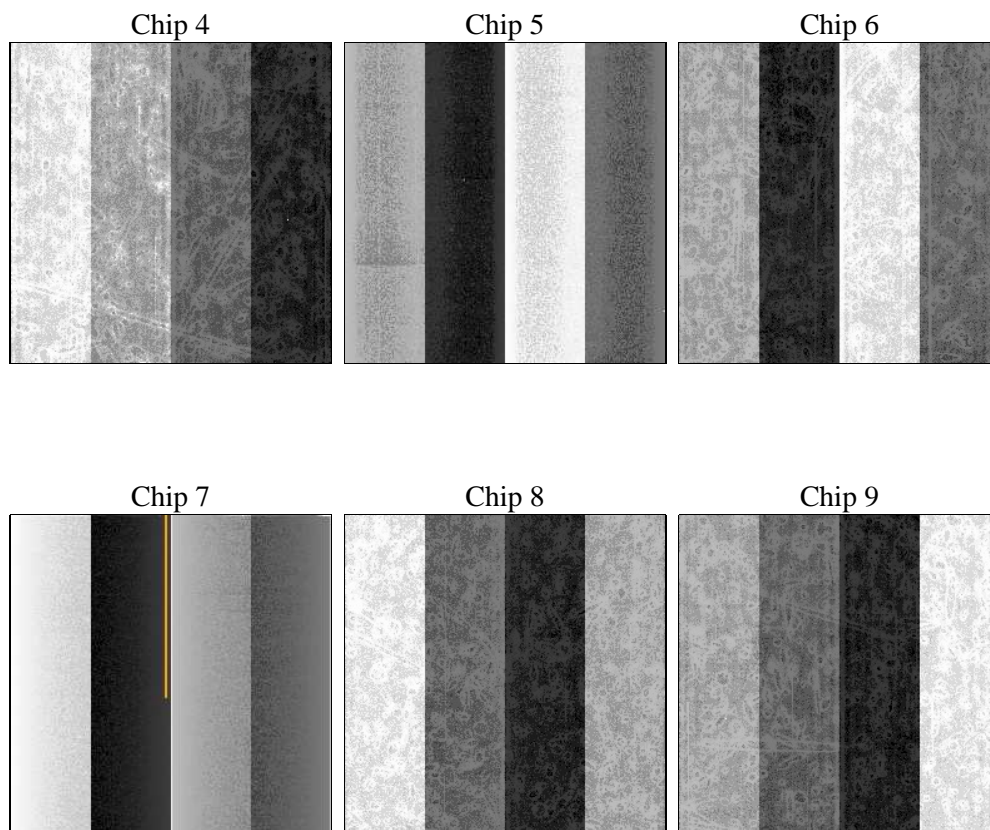
2 OBI

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	8460.7999684811	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3071.5892542899	Sum of GTIs [s]
date	2012-10-16T22:38:04	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3343.7945073247	Sum of GTIs [s]
			ontime7	8460.7999684811	Sum of GTIs [s]
			ontime8	3515.650829941	Sum of GTIs [s]
			ontime9	3282.0919663906	Sum of GTIs [s]
			l1events	1549070	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	157907	404116	181445	440917	192438	172247	grade 0 events	78000	82114	86434	100394	91805	82034
rejected events	23417	55220	23939	43102	26548	23456		49%	20%	47%	22%	47%	47%
rejected %	14%	13%	13%	9%	13%	13%	grade 1 events	526	272	462	263	445	436
								0%	0%	0%	0%	0%	0%
							grade 2 events	21792	126414	27086	87840	28877	25615
								13%	31%	14%	19%	15%	14%
							grade 3 events	8951	21661	9636	40416	10673	9582
								5%	5%	5%	9%	5%	5%
							grade 4 events	8712	21469	9819	40192	10515	9439
								5%	5%	5%	9%	5%	5%
							grade 5 events	1522	9899	1652	8421	1915	1698
								0%	2%	0%	1%	0%	0%
							grade 6 events	17035	97238	24531	128973	24020	22121
								10%	24%	13%	29%	12%	12%
							grade 7 events	21369	45049	21825	34418	24188	21322
								13%	11%	12%	7%	12%	12%

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	338.4188706908556
[deg] Pointing Dec	0	18.77763877011875
[deg] Pointing Roll	0.0	275.7599466633192
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.8505141146731063
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	152639518.028309	152639517.00359
Observation start date	2002-11-02T15:51:58	2002-11-02T15:51:57
[s] Observation end time (MET)	152662326.329258	152662325.30453
Observation end date	2002-11-02T22:12:06	2002-11-02T22:12:05
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	3.2	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	8.4607999684811

A.2 Comments