

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60233 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 1 2012

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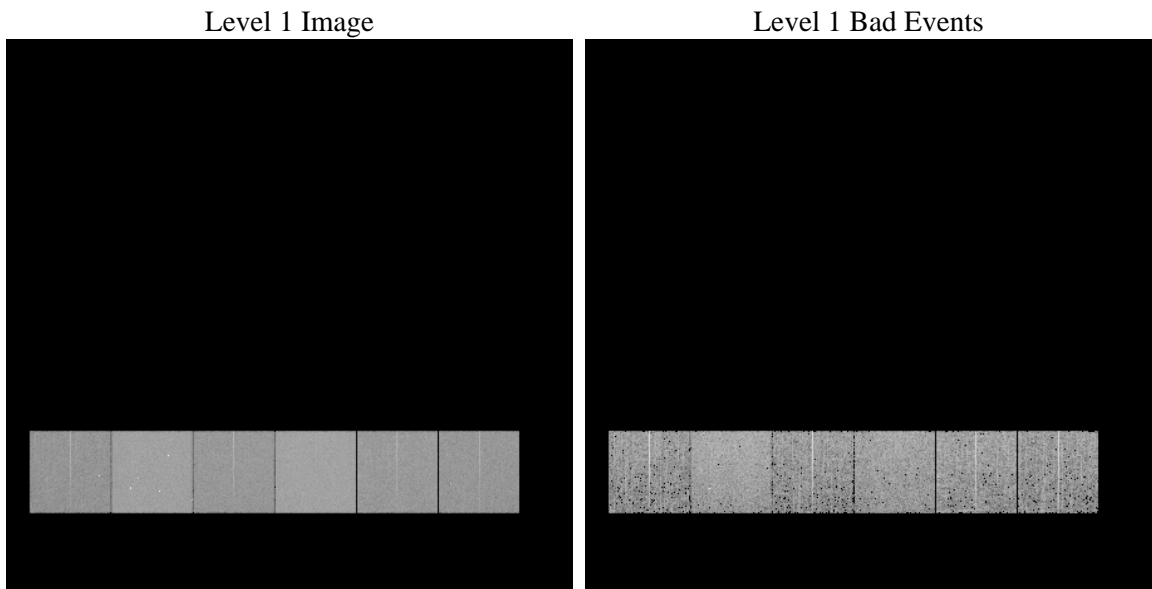
1 Front

seq_num	 	Sequence number
obs_id	60233	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	195.04389797636	Nominal RA [deg]
dec_nom	-53.011042945835	Nominal Dec [deg]
roll_nom	304.47511860801	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4796.7999821305	Sum of GTIs [s]
livetime	4736.0600124706	Livetime [s]
ontime4	3017.1535447538	Sum of GTIs [s]
ontime5	4796.7999821305	Sum of GTIs [s]
ontime6	3338.3650079668	Sum of GTIs [s]
ontime7	4796.7999821305	Sum of GTIs [s]
ontime8	3357.810421437	Sum of GTIs [s]
ontime9	3224.4120296538	Sum of GTIs [s]
l2events	673282	Number of level 2 events

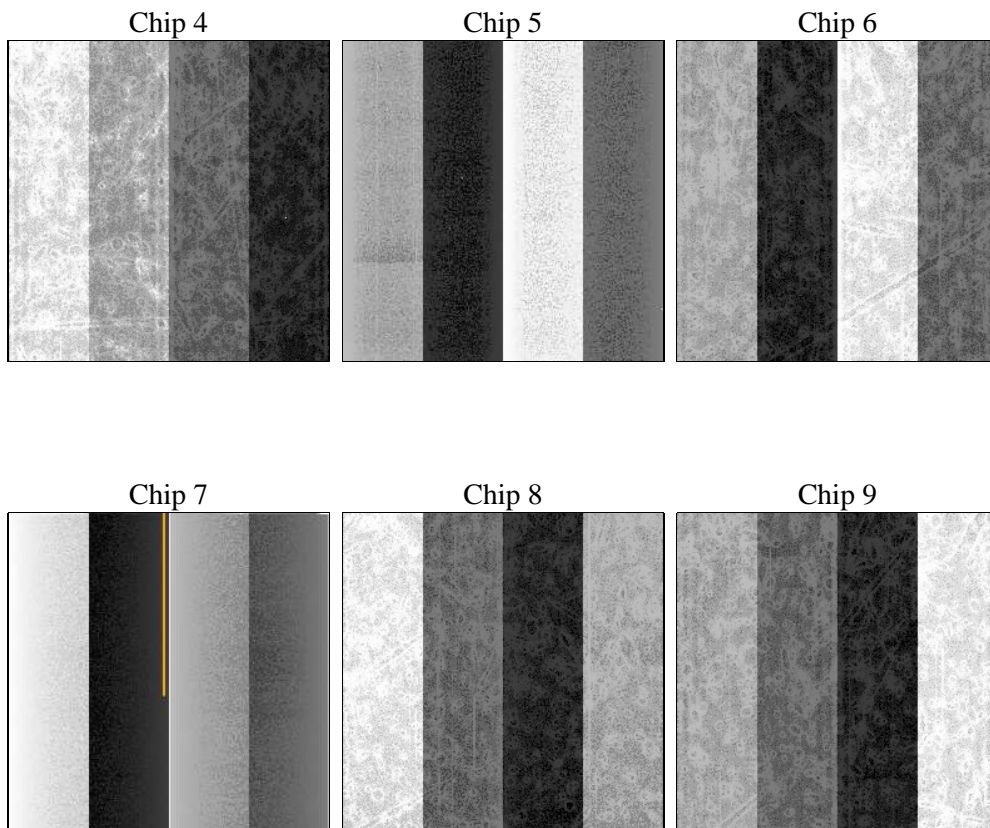
2 OBI

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	4796.7999821305	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	3017.1535447538	Sum of GTIs [s]
date	2012-12-01T11:27:48	Date and time of file creation	ontime5	4796.7999821305	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3338.3650079668	Sum of GTIs [s]
			ontime7	4796.7999821305	Sum of GTIs [s]
			ontime8	3357.810421437	Sum of GTIs [s]
			ontime9	3224.4120296538	Sum of GTIs [s]
			l1events	880043	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	115429	179931	132128	189108	138713	124734	grade 0 events	52502	33762	58553	38651	59608	55124
rejected events	24849	34021	24553	28877	28428	24829		45%	18%	44%	20%	42%	44%
rejected %	21%	18%	18%	15%	20%	19%	grade 1 events	388	139	328	120	312	319
								0%	0%	0%	0%	0%	0%
							grade 2 events	14501	52075	18555	35110	19317	17001
								12%	28%	14%	18%	13%	13%
							grade 3 events	6047	8625	6813	15929	7321	6552
								5%	4%	5%	8%	5%	5%
							grade 4 events	5993	8582	6631	15820	7262	6406
								5%	4%	5%	8%	5%	5%
							grade 5 events	1389	5391	1645	5200	1949	1690
								1%	2%	1%	2%	1%	1%
							grade 6 events	11537	42959	17131	54858	16901	14822
								9%	23%	12%	29%	12%	11%
							grade 7 events	23072	28398	22472	23420	26043	22820
								19%	15%	17%	12%	18%	18%

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	195.0438979763612
[deg] Pointing Dec	0	-53.0110429458354
[deg] Pointing Roll	0.0	304.4751186080131
[mm] SIM focus pos	-0.684267	-0.7809083437167272
[mm] SIM defocus	0	0.7524282956875696
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	201043986.850275	201043985.82529
Observation start date	2004-05-15T21:33:07	2004-05-15T21:33:05
[s] Observation end time (MET)	201079337.051835	201079336.02685
Observation end date	2004-05-16T07:22:17	2004-05-16T07:22:16
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	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.7967999821305

A.2 Comments