

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60988 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 16 2012

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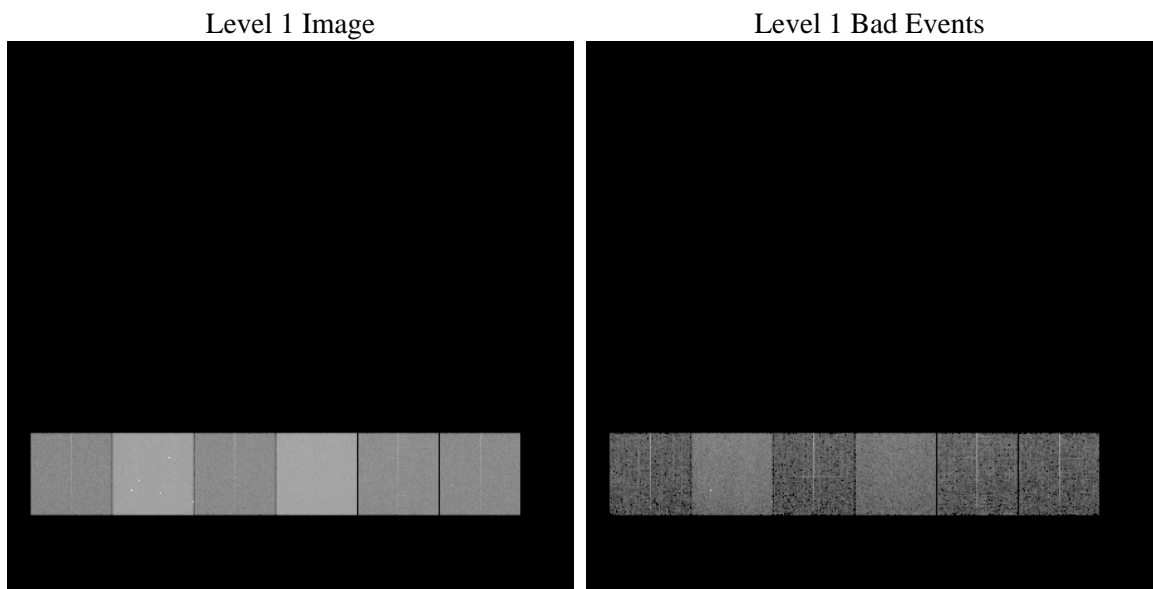
1 Front

seq_num	 	Sequence number
obs_id	60988	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	123.88629734918	Nominal RA [deg]
dec_nom	46.327007031034	Nominal Dec [deg]
roll_nom	76.467048831516	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8385.7198165655	Sum of GTIs [s]
livetime	8279.5347829739	Livetime [s]
ontime4	2989.36381495	Sum of GTIs [s]
ontime5	8395.4016773999	Sum of GTIs [s]
ontime6	3198.9021471143	Sum of GTIs [s]
ontime7	8385.7198165655	Sum of GTIs [s]
ontime8	3368.5229095221	Sum of GTIs [s]
ontime9	3202.1431074142	Sum of GTIs [s]
l2events	1284210	Number of level 2 events

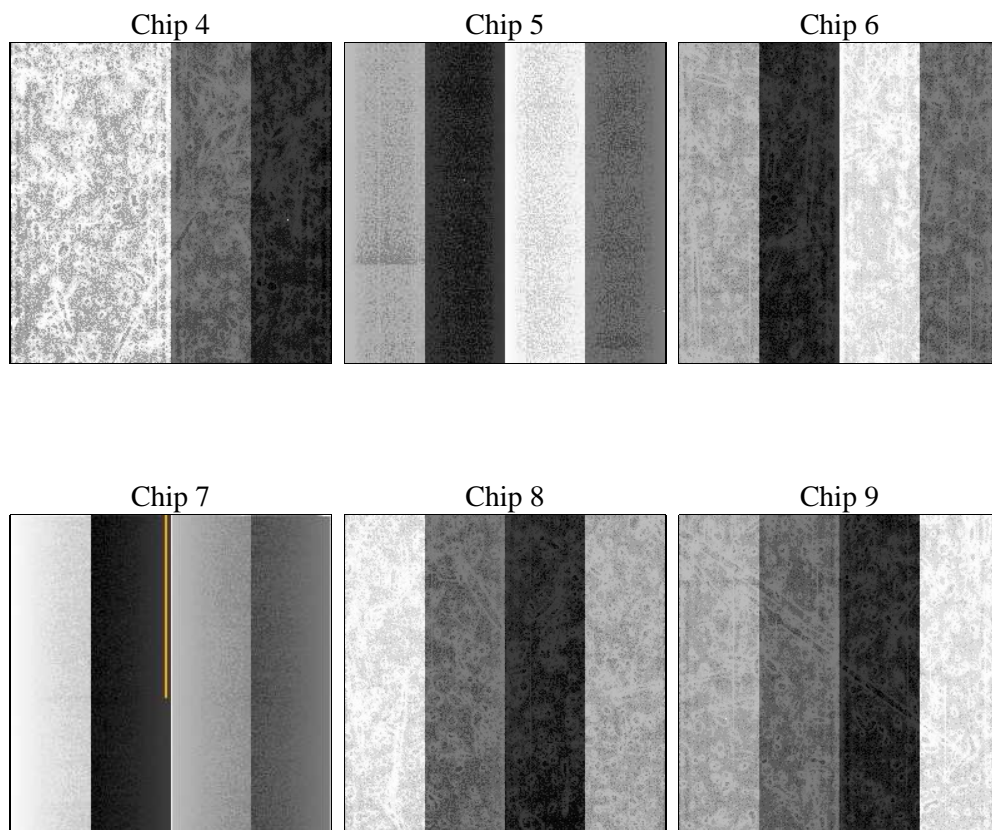
2 OBI

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	8385.7198165655	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2989.36381495	Sum of GTIs [s]
date	2012-10-16T22:14:04	Date and time of file creation	ontime5	8395.4016773999	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3198.9021471143	Sum of GTIs [s]
			ontime7	8385.7198165655	Sum of GTIs [s]
			ontime8	3368.5229095221	Sum of GTIs [s]
			ontime9	3202.1431074142	Sum of GTIs [s]
			l1events	1554036	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	156720	415903	177043	444264	188922	171184	grade 0 events	77727	85897	84208	100513	89649	82416
rejected events	24234	61269	24006	46318	27465	23936		49%	20%	47%	22%	47%	48%
rejected %	15%	14%	13%	10%	14%	13%	grade 1 events	602	448	372	275	453	446
								0%	0%	0%	0%	0%	0%
							grade 2 events	21339	129088	26349	88313	28058	25204
								13%	31%	14%	19%	14%	14%
							grade 3 events	8845	21949	9605	40376	10425	9310
								5%	5%	5%	9%	5%	5%
							grade 4 events	8679	21428	9601	40290	10494	9334
								5%	5%	5%	9%	5%	5%
							grade 5 events	1552	11206	1617	8588	1898	1717
								0%	2%	0%	1%	1%	1%
							grade 6 events	17057	99181	24511	131678	24205	22164
								10%	23%	13%	29%	12%	12%
							grade 7 events	20919	46706	20780	34231	23740	20593
								13%	11%	11%	7%	12%	12%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-456789	ACIS-456789	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	123.8862973491774	Alternating exposures requested	N	N
[deg] Pointing Dec	0	46.32700703103419	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	76.46704883151551			
[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)	151495134.180753	151495133.15604			
Observation start date	2002-10-20T09:58:54	2002-10-20T09:58:53			
[s] Observation end time (MET)	151517350.031675	151517349.00696			
Observation end date	2002-10-20T16:09:10	2002-10-20T16:09:09			
Read mode	TIMED	TIMED			

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	8.3857198165655

A.2 Comments