

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60257 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

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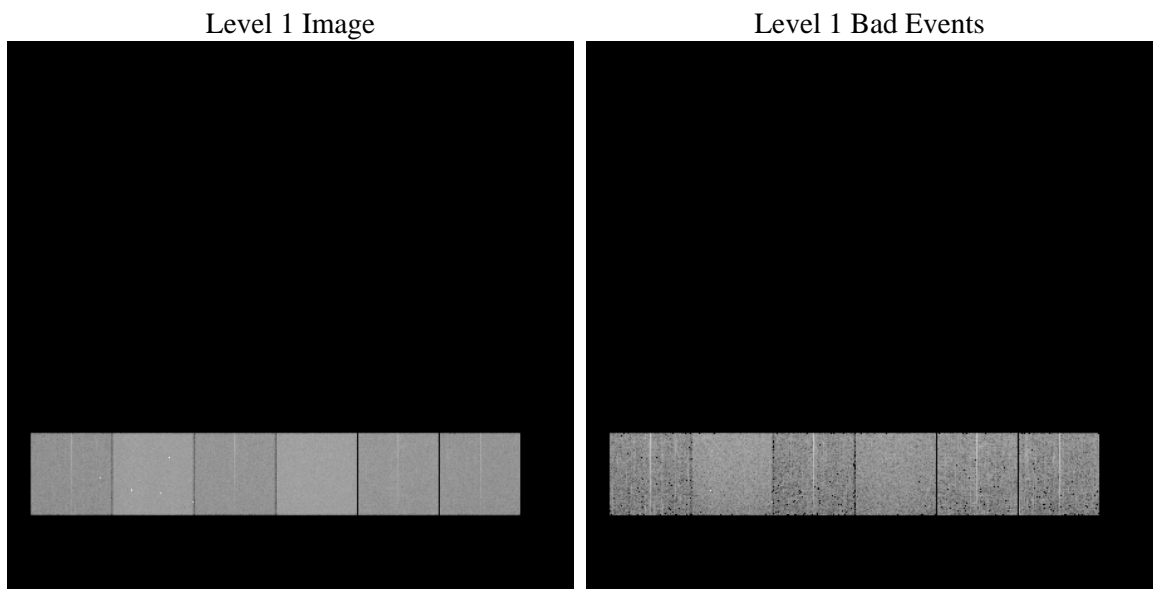
1 Front

seq_num	 	Sequence number
obs_id	60257	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	261.97462774228	Nominal RA [deg]
dec_nom	9.0138460464816	Nominal Dec [deg]
roll_nom	118.09817656531	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6638.5825219154	Sum of GTIs [s]
livetime	6554.5207927485	Livetime [s]
ontime4	4070.7225719094	Sum of GTIs [s]
ontime5	6638.5414819121	Sum of GTIs [s]
ontime6	4498.53160429	Sum of GTIs [s]
ontime7	6638.5825219154	Sum of GTIs [s]
ontime8	4628.1704250872	Sum of GTIs [s]
ontime9	4346.2052639425	Sum of GTIs [s]
l2events	935117	Number of level 2 events

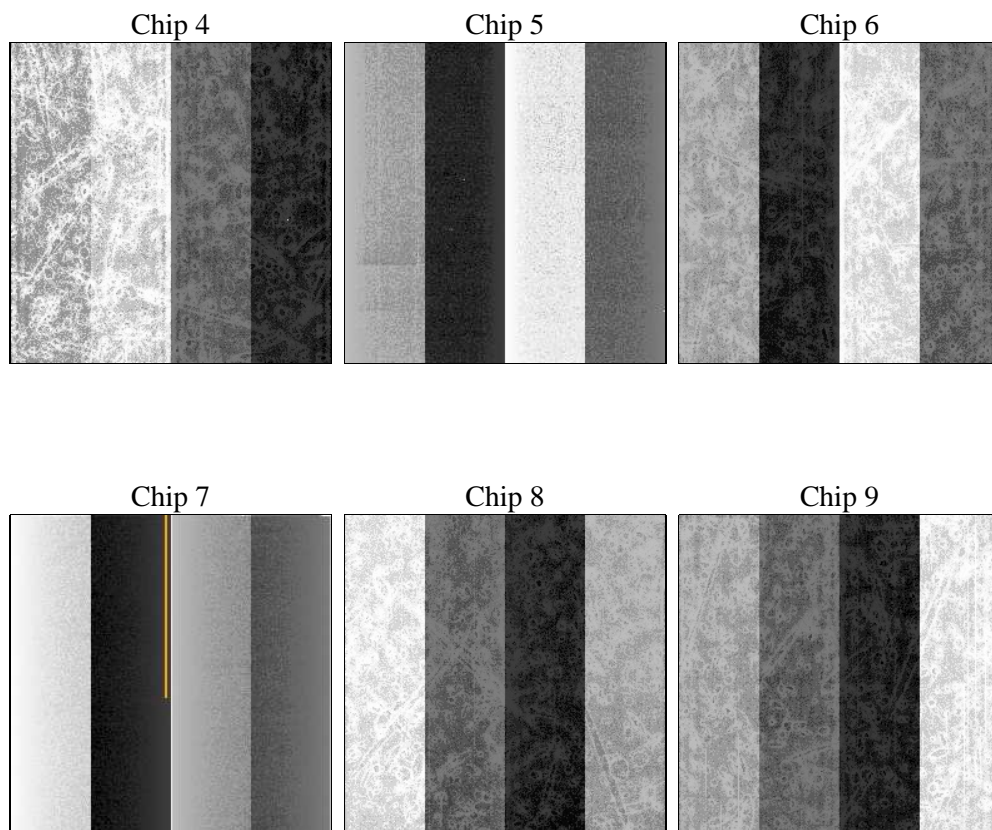
2 OBI

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	6638.5825219154	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4070.7225719094	Sum of GTIs [s]
date	2012-11-30T18:45:55	Date and time of file creation	ontime5	6638.5414819121	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4498.53160429	Sum of GTIs [s]
			ontime7	6638.5825219154	Sum of GTIs [s]
			ontime8	4628.1704250872	Sum of GTIs [s]
			ontime9	4346.2052639425	Sum of GTIs [s]
			l1events	1207395	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	155249	248375	177842	264322	191088	170519	grade 0 events	72032	46117	79762	55033	83805	75311
rejected events	31446	45977	30758	38566	36938	33153		46%	18%	44%	20%	43%	44%
rejected %	20%	18%	17%	14%	19%	19%	grade 1 events	522	284	422	173	497	429
								0%	0%	0%	0%	0%	0%
							grade 2 events	19646	72868	25503	49955	27090	23677
								12%	29%	14%	18%	14%	13%
							grade 3 events	8257	12009	8983	22777	9963	8837
								5%	4%	5%	8%	5%	5%
							grade 4 events	8019	11883	9163	22607	9909	8652
								5%	4%	5%	8%	5%	5%
							grade 5 events	1872	7562	2199	7065	2685	2336
								1%	3%	1%	2%	1%	1%
							grade 6 events	15849	59624	23673	75488	23383	20889
								10%	24%	13%	28%	12%	12%
							grade 7 events	29052	38028	28137	31224	33756	30388
								18%	15%	15%	11%	17%	17%

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	261.9746277422826	Alternating exposures requested	N	N
[deg] Pointing Dec	0	9.013846046481589	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	118.0981765653121			
[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)	199671476.939734	199671475.91474			
Observation start date	2004-04-30T00:17:57	2004-04-30T00:17:55			
[s] Observation end time (MET)	199684191.040294	199684190.0153			
Observation end date	2004-04-30T03:49:51	2004-04-30T03:49:50			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.6385825219154

A.2 Comments