

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60258 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 30 2012

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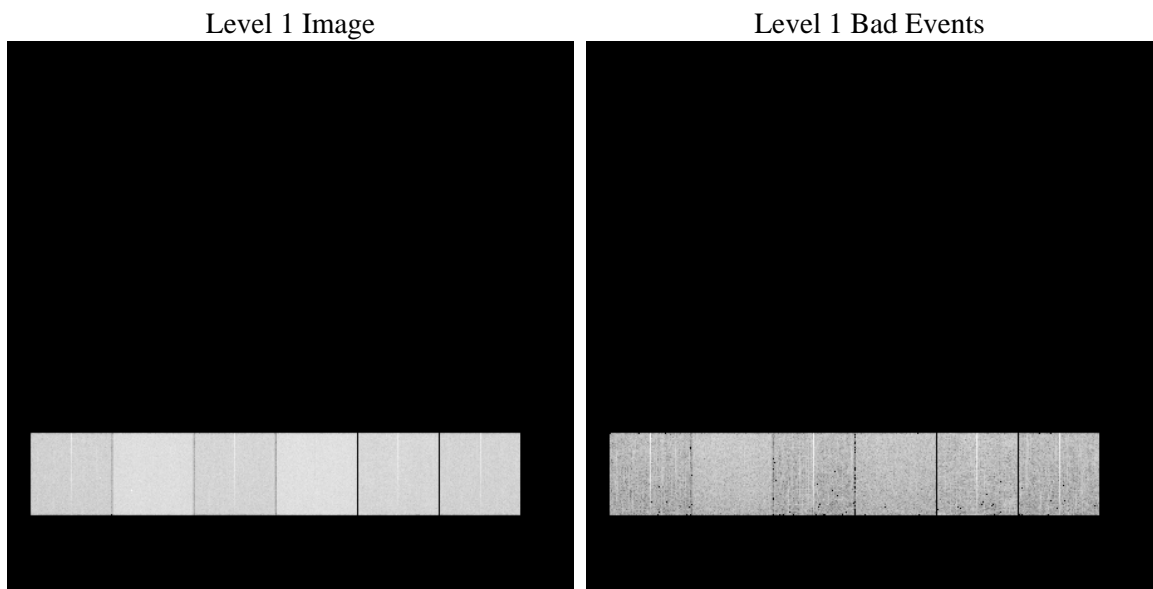
1 Front

seq_num	 	Sequence number
obs_id	60258	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	216.02379007708	Nominal RA [deg]
dec_nom	-19.982156898225	Nominal Dec [deg]
roll_nom	5.7672605402109	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8457.8286144435	Sum of GTIs [s]
livetime	8350.7304958345	Livetime [s]
ontime4	5291.1294139624	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	5767.5531595647	Sum of GTIs [s]
ontime7	8457.8286144435	Sum of GTIs [s]
ontime8	5958.7706057131	Sum of GTIs [s]
ontime9	5550.6361600757	Sum of GTIs [s]
l2events	1189399	Number of level 2 events

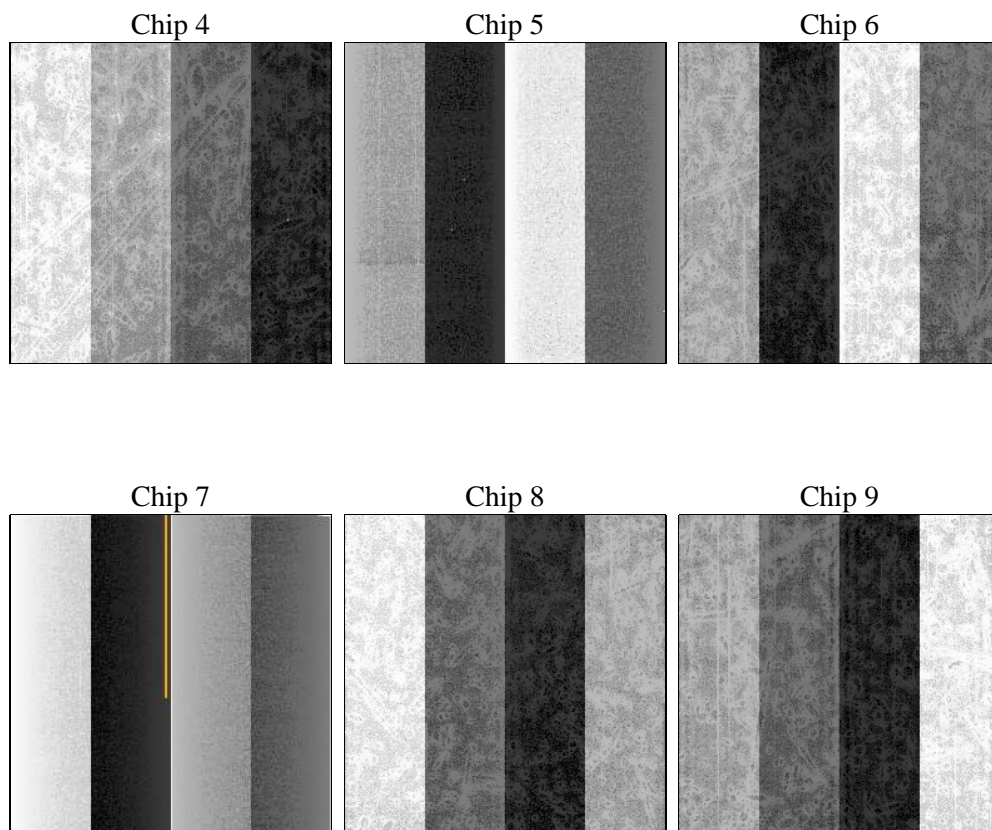
2 OBI

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	8457.8286144435	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	5291.1294139624	Sum of GTIs [s]
date	2012-11-30T18:14:35	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5767.5531595647	Sum of GTIs [s]
			ontime7	8457.8286144435	Sum of GTIs [s]
			ontime8	5958.7706057131	Sum of GTIs [s]
			ontime9	5550.6361600757	Sum of GTIs [s]
			l1events	1532001	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	200202	309797	228518	334009	245269	214206	grade 0 events	92261	54356	101683	69367	108154	95336
rejected events	40893	57609	41885	48857	47590	41582		46%	17%	44%	20%	44%	44%
rejected %	20%	18%	18%	14%	19%	19%	grade 1 events	711	178	518	199	570	563
								0%	0%	0%	0%	0%	0%
							grade 2 events	25294	91928	32303	62968	34250	29608
								12%	29%	14%	18%	13%	13%
							grade 3 events	10747	14917	11579	28842	12934	11202
								5%	4%	5%	8%	5%	5%
							grade 4 events	10694	14907	11412	28372	12928	10986
								5%	4%	4%	8%	5%	5%
							grade 5 events	2465	9227	2771	9008	3328	2929
								1%	2%	1%	2%	1%	1%
							grade 6 events	20313	76080	29656	95603	29413	25492
								10%	24%	12%	28%	11%	11%
							grade 7 events	37717	48204	38596	39650	43692	38090
								18%	15%	16%	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	216.023790077076	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-19.98215689822537	[s] Primary exposure time	0.000000	3.2
[deg] Pointing Roll	0.0	5.767260540210859			
[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)	199477056.981164	199477055.95617			
Observation start date	2004-04-27T18:17:37	2004-04-27T18:17:35			
[s] Observation end time (MET)	199498522.53211	199498521.50712			
Observation end date	2004-04-28T00:15:23	2004-04-28T00:15:21			
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	8.4578286144435

A.2 Comments