

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60578 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 2 2012

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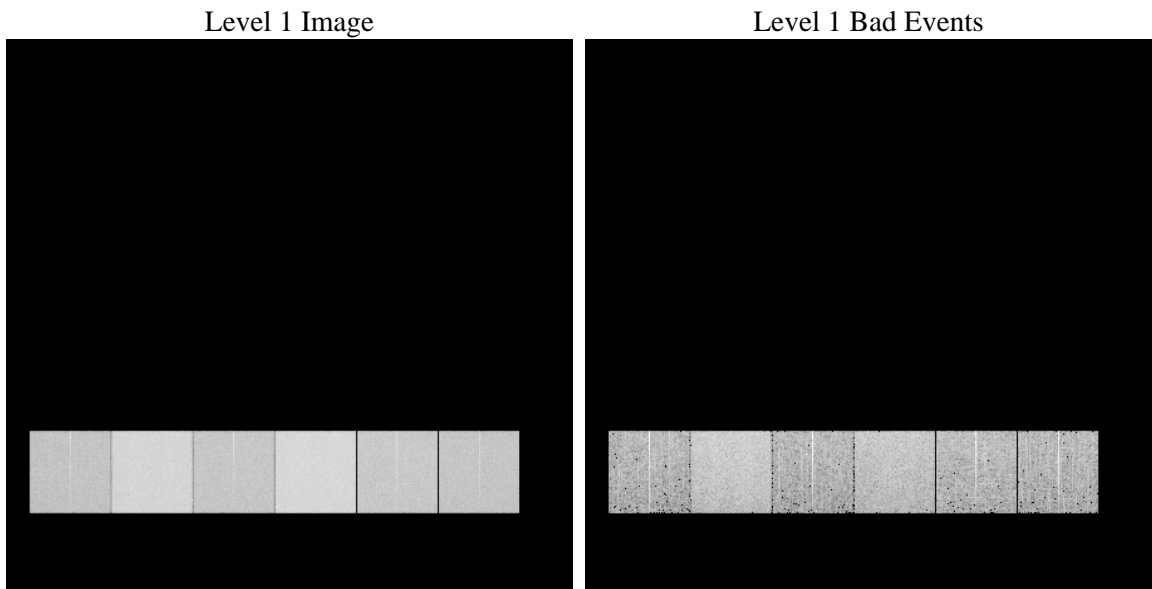
1 Front

seq_num	 	Sequence number
obs_id	60578	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	353.98163288793	Nominal RA [deg]
dec_nom	-9.9778101276007	Nominal Dec [deg]
roll_nom	96.295106553679	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8460.7999684811	Sum of GTIs [s]
livetime	8353.664224798	Livetime [s]
ontime4	4212.1256399751	Sum of GTIs [s]
ontime5	8460.7999684811	Sum of GTIs [s]
ontime6	4542.6666055024	Sum of GTIs [s]
ontime7	8460.7999684811	Sum of GTIs [s]
ontime8	4805.268831104	Sum of GTIs [s]
ontime9	4361.0476066768	Sum of GTIs [s]
l2events	1246012	Number of level 2 events

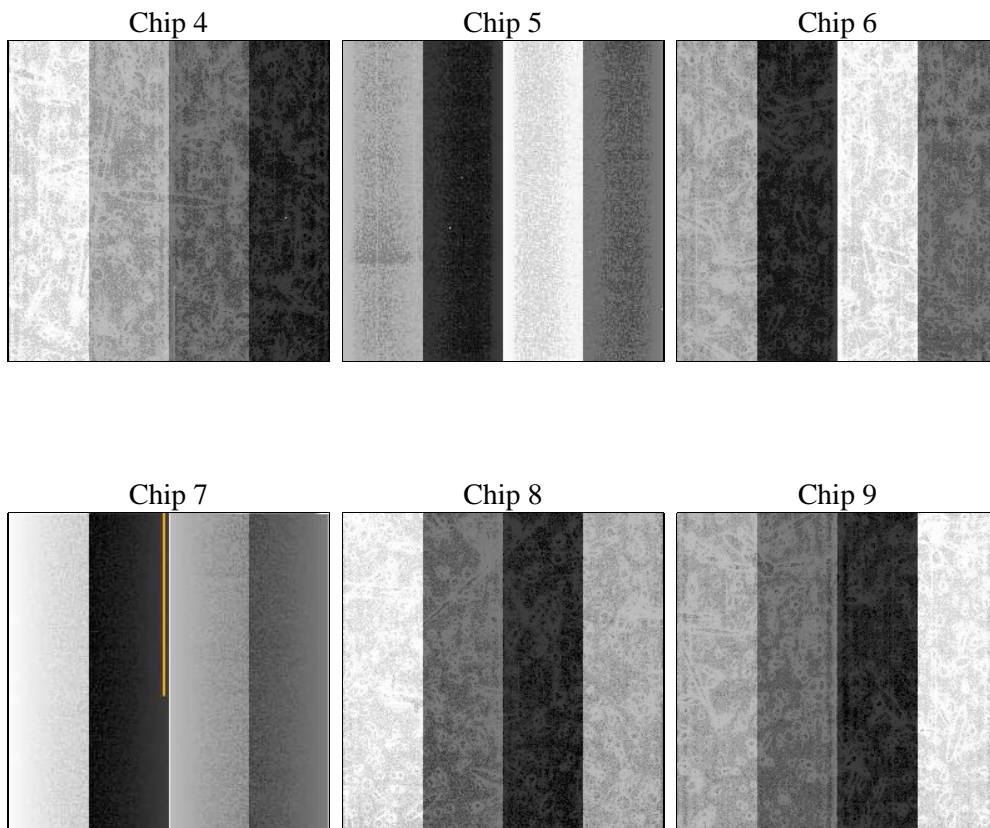
2 OBI

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	8460.7999684811	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	4212.1256399751	Sum of GTIs [s]
date	2012-11-02T18:21:56	Date and time of file creation	ontime5	8460.7999684811	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	4542.6666055024	Sum of GTIs [s]
			ontime7	8460.7999684811	Sum of GTIs [s]
			ontime8	4805.268831104	Sum of GTIs [s]
			ontime9	4361.0476066768	Sum of GTIs [s]
			l1events	1537355	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	183810	345151	207974	379574	224960	195886	grade 0 events	88856	59890	96745	82959	104152	90881
rejected events	31361	55523	30785	45282	35640	31621		48%	17%	46%	21%	46%	46%
rejected %	17%	16%	14%	11%	15%	16%	grade 1 events	606	200	428	198	540	509
								0%	0%	0%	0%	0%	0%
							grade 2 events	23935	110579	30472	73746	32821	28090
								13%	32%	14%	19%	14%	14%
							grade 3 events	10166	16520	10929	33518	12362	10423
								5%	4%	5%	8%	5%	5%
							grade 4 events	10034	15913	10905	33010	12082	10385
								5%	4%	5%	8%	5%	5%
							grade 5 events	1925	9215	2184	8506	2603	2171
								1%	2%	1%	2%	1%	1%
							grade 6 events	19458	86726	28138	111059	27903	24486
								10%	25%	13%	29%	12%	12%
							grade 7 events	28830	46108	28173	36578	32497	28941
								15%	13%	13%	9%	14%	14%

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	353.9816328879324
[deg] Pointing Dec	0	-9.977810127600693
[deg] Pointing Roll	0.0	96.2951065536792
[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)	178002369.197724	178002368.173
Observation start date	2003-08-23T05:06:09	2003-08-23T05:06:08
[s] Observation end time (MET)	178025419.398711	178025418.37399
Observation end date	2003-08-23T11:30:19	2003-08-23T11:30:18
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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4607999684811

A.2 Comments