

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60809 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jan 15 2013

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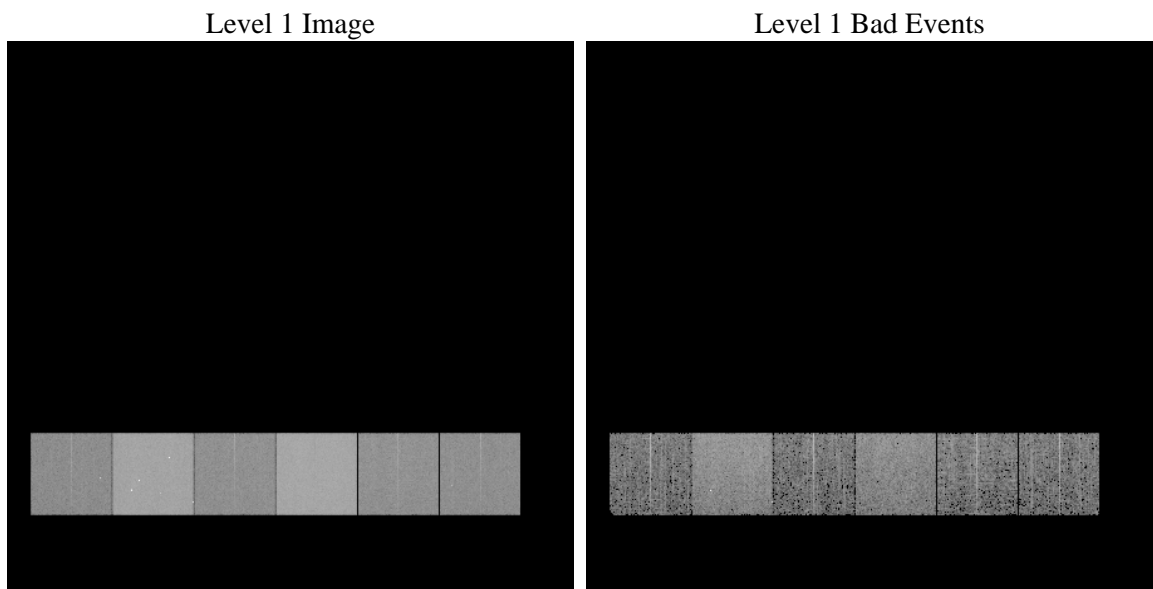
1 Front

seq_num	 	Sequence number
obs_id	60809	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	159.36383139909	Nominal RA [deg]
dec_nom	61.277301023833	Nominal Dec [deg]
roll_nom	199.68361521846	Nominal Roll [deg]
revision	3	Processing version of data
ontime	6587.8384019136	Sum of GTIs [s]
livetime	6504.4192253486	Livetime [s]
ontime4	2660.888243258	Sum of GTIs [s]
ontime5	6587.7973619103	Sum of GTIs [s]
ontime6	2915.7296348512	Sum of GTIs [s]
ontime7	6587.8384019136	Sum of GTIs [s]
ontime8	2961.0218057632	Sum of GTIs [s]
ontime9	2847.7915425003	Sum of GTIs [s]
l2events	994679	Number of level 2 events

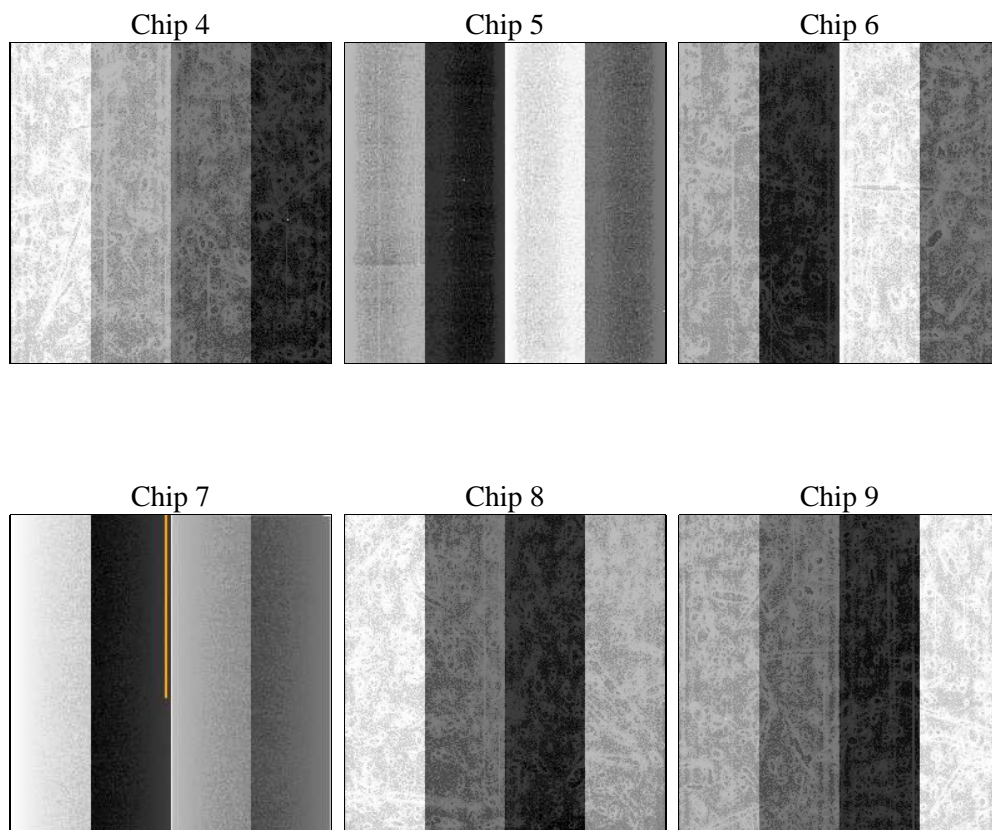
2 OBI

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	8.5.1.1	Processing system revision	ontime	6587.8384019136	Sum of GTIs [s]
caldsver	4.5.5	 	ontime4	2660.888243258	Sum of GTIs [s]
date	2013-01-16T02:17:25	Date and time of file creation	ontime5	6587.7973619103	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	2915.7296348512	Sum of GTIs [s]
			ontime7	6587.8384019136	Sum of GTIs [s]
			ontime8	2961.0218057632	Sum of GTIs [s]
			ontime9	2847.7915425003	Sum of GTIs [s]
			l1events	1210926	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	130301	305657	148975	328104	155133	142756	grade 0 events	63216	64509	69741	73926	71953	66546
rejected events	21026	44166	20756	34864	23848	21752		48%	21%	46%	22%	46%	46%
rejected %	16%	14%	13%	10%	15%	15%	grade 1 events	489	479	376	182	336	374
								0%	0%	0%	0%	0%	0%
							grade 2 events	17273	92428	22043	64971	22865	20743
								13%	30%	14%	19%	14%	14%
							grade 3 events	7364	16574	7828	29390	8512	7852
								5%	5%	5%	8%	5%	5%
							grade 4 events	7370	16027	7925	29400	8543	7555
								5%	5%	5%	8%	5%	5%
							grade 5 events	1319	7774	1435	6776	1615	1541
								1%	2%	0%	2%	1%	1%
							grade 6 events	14052	71953	20682	95553	19412	18308
								10%	23%	13%	29%	12%	12%
							grade 7 events	19218	35913	18945	27906	21897	19837
								14%	11%	12%	8%	14%	13%

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	159.3638313990852
[deg] Pointing Dec	0	61.27730102383312
[deg] Pointing Roll	0.0	199.683615218462
[mm] SIM focus pos	-0.684267	-1.038866356238299
[mm] SIM defocus	0	0.4944702831659975
[mm] SIM translation stage pos	-190.132523	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	164264086.56466	164264085.53997
Observation start date	2003-03-17T04:54:47	2003-03-17T04:54:45
[s] Observation end time (MET)	164291771.815826	164291770.79113
Observation end date	2003-03-17T12:36:12	2003-03-17T12:36:10
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	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.5878384019136

A.2 Comments

This obsid is missing about 45 minutes of unrecoverable DEA housekeeping data.