

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 60732 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 28 2012

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1 Front

seq_num	 	Sequence number
obs_id	60732	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	110.00872678097	Nominal RA [deg]
dec_nom	12.972694423577	Nominal Dec [deg]
roll_nom	254.40470799454	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12458.75	Sum of GTIs [s]
livetime	12410.083007812	Livetime [s]
ontime4	4671.6730306447	Sum of GTIs [s]
ontime5	12458.75	Sum of GTIs [s]
ontime6	5083.9719994068	Sum of GTIs [s]
ontime7	12458.75	Sum of GTIs [s]
ontime8	5250.9705694318	Sum of GTIs [s]
ontime9	4965.7785528898	Sum of GTIs [s]
l2events	1179676	Number of level 2 events

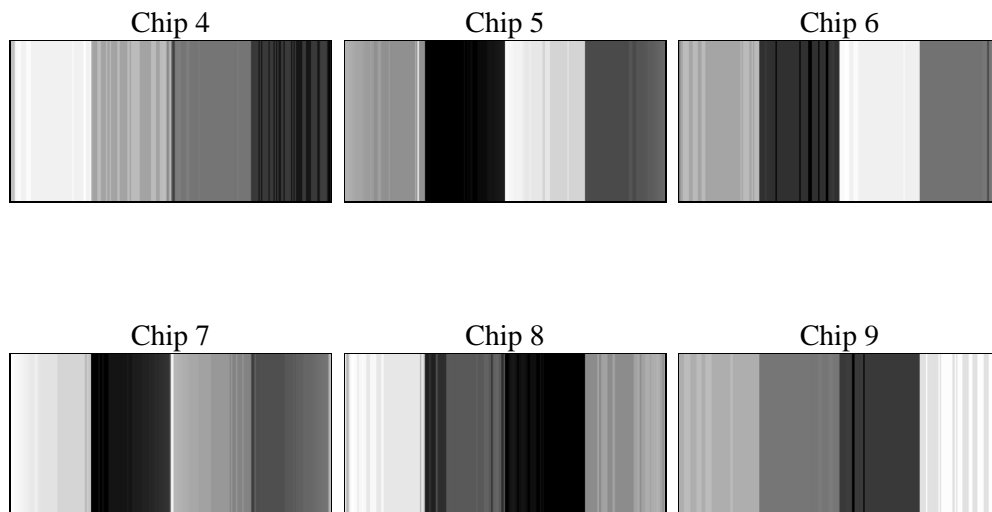
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12458.75	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	4671.6730306447	Sum of GTIs [s]
date	2012-10-28T13:12:30	Date and time of file creation	ontime5	12458.75	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5083.9719994068	Sum of GTIs [s]
			ontime7	12458.75	Sum of GTIs [s]
			ontime8	5250.9705694318	Sum of GTIs [s]
			ontime9	4965.7785528898	Sum of GTIs [s]
			l1events	2170447	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	225846	570829	251590	604706	276078	241398	grade 0 events	17694	65334	15637	107244	25276	17562
rejected events	159940	112350	172566	105050	188956	166114		7%	11%	6%	17%	9%	7%
rejected %	70%	19%	68%	17%	68%	68%	grade 1 events	114	233	74	334	151	117
								0%	0%	0%	0%	0%	0%
							grade 2 events	104768	214111	122738	132360	123182	113925
								46%	37%	48%	21%	44%	47%
							grade 3 events	2589	14093	2382	42650	3894	2472
								1%	2%	0%	7%	1%	1%
							grade 4 events	2565	13648	2291	41747	3838	2480
								1%	2%	0%	6%	1%	1%
							grade 5 events	2561	13159	2487	14378	2904	2517
								1%	2%	0%	2%	1%	1%
							grade 6 events	32004	151529	41867	175915	41763	38243
								14%	26%	16%	29%	15%	15%
							grade 7 events	63551	98722	64114	90078	75070	64082
								28%	17%	25%	14%	27%	26%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	110.0087267809667	Alternating exposures requested	N	N
[deg] Pointing Dec	0	12.97269442357696	[s] Primary exposure time	0.000000	0
[deg] Pointing Roll	0.0	254.4047079945358			
[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)	169953576.855047	169953575.83033			
Observation start date	2003-05-22T01:19:37	2003-05-22T01:19:35			
[s] Observation end time (MET)	170003457.457163	170003456.43244			
Observation end date	2003-05-22T15:10:57	2003-05-22T15:10:56			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.45875

A.2 Comments