

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61005 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 15 2012

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1 Front

seq_num	 	Sequence number
obs_id	61005	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	86.808264530829	Nominal RA [deg]
dec_nom	-51.042342964084	Nominal Dec [deg]
roll_nom	72.101684996621	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8636.2682451606	Sum of GTIs [s]
livetime	8602.5328223279	Livetime [s]
ontime4	2830.2098275125	Sum of GTIs [s]
ontime5	8879.25	Sum of GTIs [s]
ontime6	3178.9572260976	Sum of GTIs [s]
ontime7	8636.2682451606	Sum of GTIs [s]
ontime8	3257.7535283864	Sum of GTIs [s]
ontime9	3161.4473348856	Sum of GTIs [s]
l2events	901769	Number of level 2 events

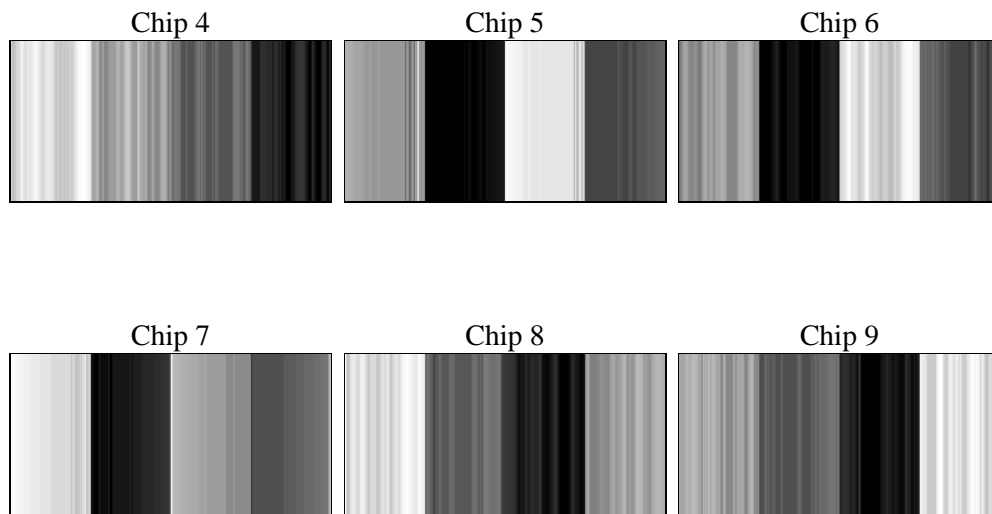
2 OBI

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	8636.2682451606	Sum of GTIs [s]
caldbver	4.5.2	 	ontime4	2830.2098275125	Sum of GTIs [s]
date	2012-10-15T13:27:50	Date and time of file creation	ontime5	8879.25	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	3178.9572260976	Sum of GTIs [s]
			ontime7	8636.2682451606	Sum of GTIs [s]
			ontime8	3257.7535283864	Sum of GTIs [s]
			ontime9	3161.4473348856	Sum of GTIs [s]
			l1events	1572083	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	141103	451923	166608	467176	183123	162150	grade 0 events	13226	50352	13083	81575	21355	15382
rejected events	95124	83910	109541	86224	123314	107917		9%	11%	7%	17%	11%	9%
rejected %	67%	18%	65%	18%	67%	66%	grade 1 events	79	171	72	247	103	79
								0%	0%	0%	0%	0%	0%
							grade 2 events	72631	173661	88102	104473	85800	82282
								51%	38%	52%	22%	46%	50%
							grade 3 events	1811	10709	1884	32608	2905	2106
								1%	2%	1%	6%	1%	1%
							grade 4 events	1829	10751	1781	32321	2996	2110
								1%	2%	1%	6%	1%	1%
							grade 5 events	1726	10056	1663	10545	2044	1701
								1%	2%	0%	2%	1%	1%
							grade 6 events	22218	122758	28960	140672	28632	27130
								15%	27%	17%	30%	15%	16%
							grade 7 events	27583	73465	31063	64735	39288	31360
								19%	16%	18%	13%	21%	19%

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	86.80826453082895	Alternating exposures requested	N	N
[deg] Pointing Dec	0	-51.04234296408379	[s] Primary exposure time	0.000000	0
[deg] Pointing Roll	0.0	72.10168499662139			
[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)	150553284.191686	150553283.16697			
Observation start date	2002-10-09T12:21:24	2002-10-09T12:21:23			
[s] Observation end time (MET)	150584901.342995	150584900.31828			
Observation end date	2002-10-09T21:08:21	2002-10-09T21:08:20			
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)	2012.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.6362682451606

A.2 Comments

Column 233 in chip 5 bias file has an unusually high adu value.