

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 59936 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Dec 12 2012

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1 Front

seq_num	 	Sequence number
obs_id	59936	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	100.89987553136	Nominal RA [deg]
dec_nom	7.0286282984005	Nominal Dec [deg]
roll_nom	57.3462849492	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8314.0	Sum of GTIs [s]
livetime	8281.5234375	Livetime [s]
ontime4	5141.7536695302	Sum of GTIs [s]
ontime5	8314.0	Sum of GTIs [s]
ontime6	5684.5677031875	Sum of GTIs [s]
ontime7	8314.0	Sum of GTIs [s]
ontime8	5770.6594379842	Sum of GTIs [s]
ontime9	5629.0597171485	Sum of GTIs [s]
l2events	771866	Number of level 2 events

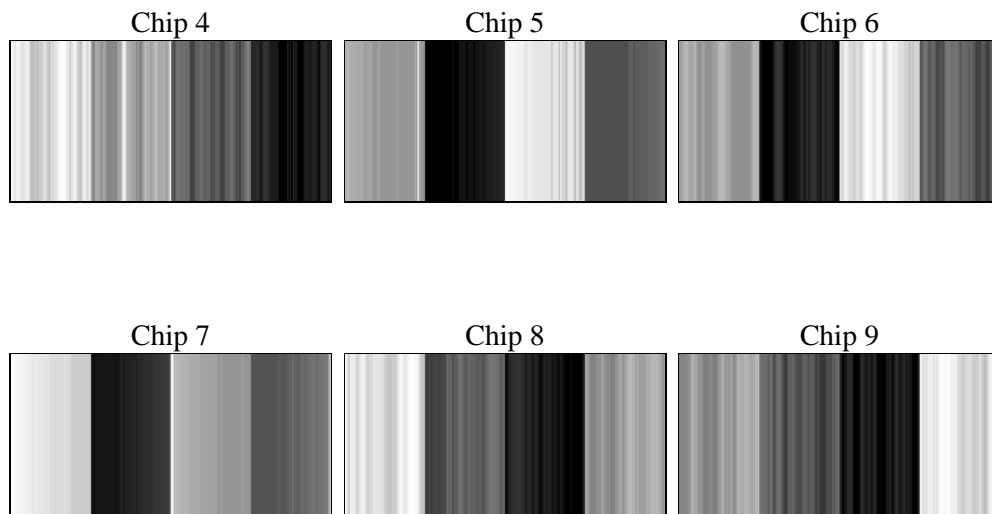
2 OBI

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	Processing system revision	ontime	8314.0	Sum of GTIs [s]
caldbver	4.5.4	 	ontime4	5141.7536695302	Sum of GTIs [s]
date	2012-12-12T14:39:16	Date and time of file creation	ontime5	8314.0	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	5684.5677031875	Sum of GTIs [s]
			ontime7	8314.0	Sum of GTIs [s]
			ontime8	5770.6594379842	Sum of GTIs [s]
			ontime9	5629.0597171485	Sum of GTIs [s]
			l1events	1437702	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	172344	325224	202064	316619	225967	195484	grade 0 events	13911	45105	14489	49653	22773	16073
rejected events	96336	82771	103686	79444	118832	101854		8%	13%	7%	15%	10%	8%
rejected %	55%	25%	51%	25%	52%	52%	grade 1 events	96	142	81	185	149	94
								0%	0%	0%	0%	0%	0%
							grade 2 events	78812	107277	93023	63595	91027	87401
								45%	32%	46%	20%	40%	44%
							grade 3 events	2215	6584	2415	19884	3777	2380
								1%	2%	1%	6%	1%	1%
							grade 4 events	2351	6495	2279	19585	3790	2473
								1%	1%	1%	6%	1%	1%
							grade 5 events	2615	8841	2684	9778	3408	2784
								1%	2%	1%	3%	1%	1%
							grade 6 events	23669	79790	31160	87055	32034	28695
								13%	24%	15%	27%	14%	14%
							grade 7 events	48675	70990	55933	66884	69009	55584
								28%	21%	27%	21%	30%	28%

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	100.8998755313587	Alternating exposures requested	N	N
[deg] Pointing Dec	0	7.028628298400503	[s] Primary exposure time	0	0
[deg] Pointing Roll	0.0	57.34628494919997			
[mm] SIM focus pos	-0.684267	-0.7809083437167272			
[mm] SIM defocus	0	0.7524282956875696			
[mm] SIM translation stage pos	-190.132523	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	218671765.435583	218671764.41056			
Observation start date	2004-12-05T22:09:25	2004-12-05T22:09:24			
[s] Observation end time (MET)	218693075.186543	218693074.16152			
Observation end date	2004-12-06T04:04:35	2004-12-06T04:04:34			
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)	2013.01.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.314

A.2 Comments