

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 54106 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 8 2012

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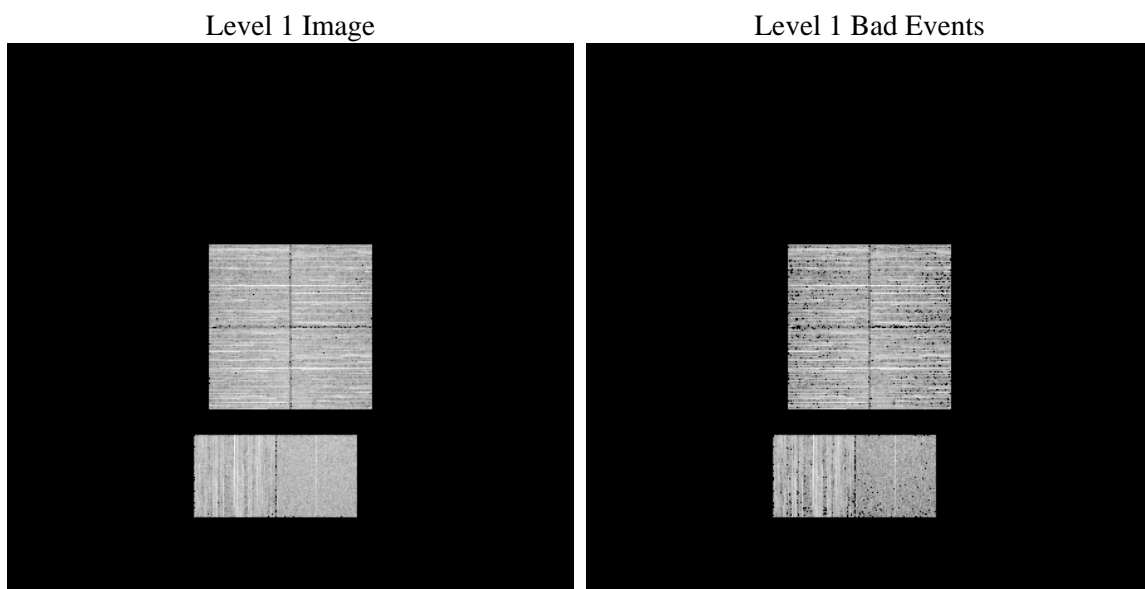
1 Front

seq_num	 	Sequence number
obs_id	54106	Observation id
title	ACIS-012367 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	101.48185966353	Nominal RA [deg]
dec_nom	19.532561396235	Nominal Dec [deg]
roll_nom	77.742426616137	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3289.5999878049	Sum of GTIs [s]
livetime	3247.945092	Livetime [s]
ontime0	3289.5999878049	Sum of GTIs [s]
ontime1	3289.5999878049	Sum of GTIs [s]
ontime2	3289.5999878049	Sum of GTIs [s]
ontime3	3289.5999878049	Sum of GTIs [s]
ontime6	3289.5999878049	Sum of GTIs [s]
ontime7	3289.5999878049	Sum of GTIs [s]
l2events	92144	Number of level 2 events

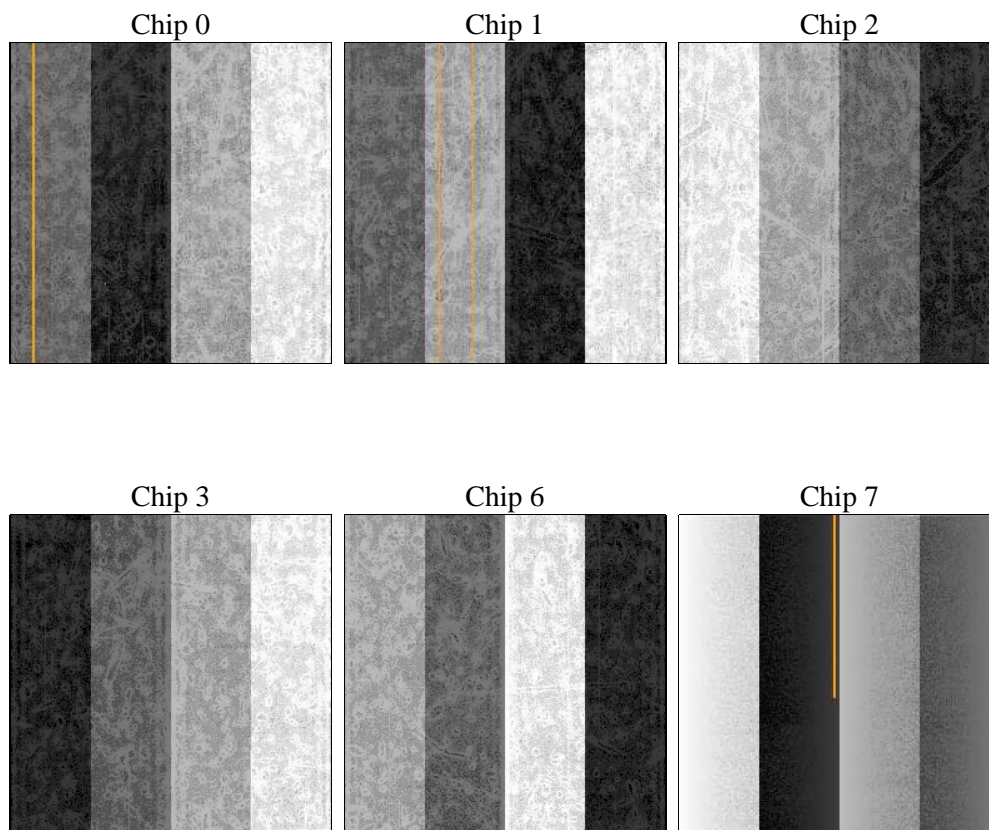
2 OBI

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	3289.5999878049	Sum of GTIs [s]
caldsver	4.5.4	 	ontime0	3289.5999878049	Sum of GTIs [s]
date	2012-12-09T02:40:19	Date and time of file creation	ontime1	3289.5999878049	Sum of GTIs [s]
revision	1	Processing version of data	ontime2	3289.5999878049	Sum of GTIs [s]
			ontime3	3289.5999878049	Sum of GTIs [s]
			ontime6	3289.5999878049	Sum of GTIs [s]
			ontime7	3289.5999878049	Sum of GTIs [s]
			l1events	368693	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	57855	59472	68454	62072	67005	53835	grade 0 events	7288	7087	7601	7540	7456	3838
rejected events	43832	45247	53977	47794	52029	28380		12%	11%	11%	12%	11%	7%
rejected %	75%	76%	78%	76%	77%	52%	grade 1 events	35	39	43	42	36	38
								0%	0%	0%	0%	0%	0%
							grade 2 events	2754	2934	2784	2673	3069	6147
								4%	4%	4%	4%	4%	11%
							grade 3 events	939	928	995	992	914	2109
								1%	1%	1%	1%	1%	3%
							grade 4 events	941	904	995	964	972	2095
								1%	1%	1%	1%	1%	3%
							grade 5 events	1252	1247	1128	1334	1321	3160
								2%	2%	1%	2%	1%	5%
							grade 6 events	2112	2391	2120	2133	2578	11289
								3%	4%	3%	3%	3%	20%
							grade 7 events	42534	43942	52788	46394	50659	25159
								73%	73%	77%	74%	75%	46%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	101.4818596635339	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	19.53256139623548	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	77.7424266161371	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	471362426.169783	471362425.14478			
Observation start date	2012-12-08T14:00:26	2012-12-08T14:00:25			
[s] Observation end time (MET)	471369217.820148	471369216.79515			
Observation end date	2012-12-08T15:53:38	2012-12-08T15:53:36			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.2895999878049

A.2 Comments