

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 59130 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Mar 25 2012

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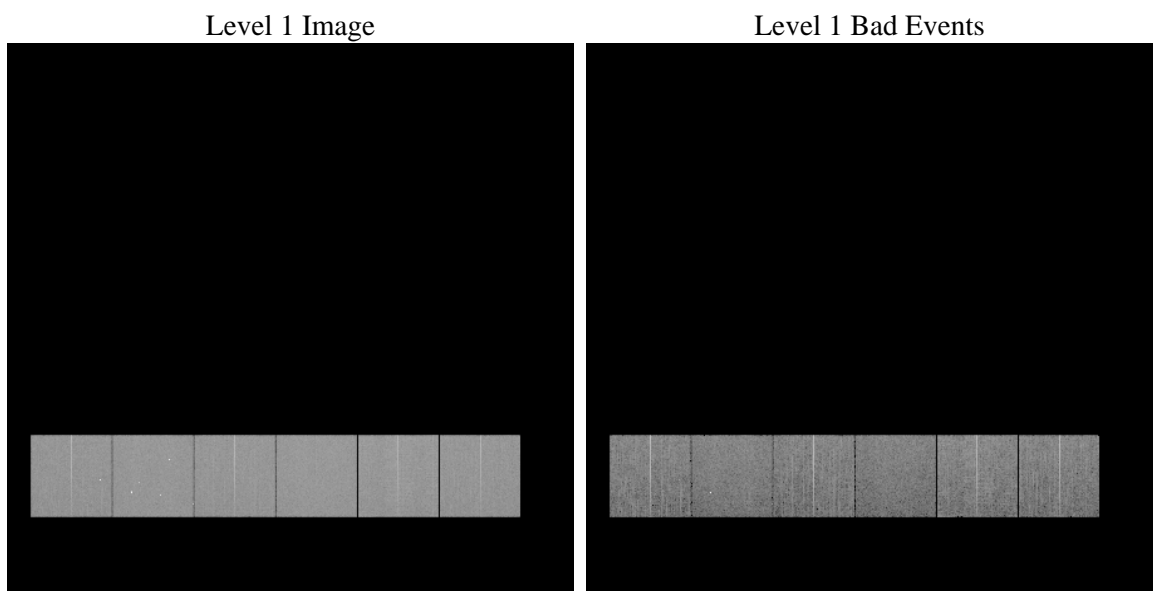
1 Front

seq_num	 	Sequence number
obs_id	59130	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycycle	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	112.02375807342	Nominal RA [deg]
dec_nom	9.9815760872133	Nominal Dec [deg]
roll_nom	283.83806698565	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8249.5999692678	Sum of GTIs [s]
livetime	8145.1385671442	Livetime [s]
ontime4	8249.5928612649	Sum of GTIs [s]
ontime5	8249.5999692678	Sum of GTIs [s]
ontime6	8249.5999692678	Sum of GTIs [s]
ontime7	8249.5999692678	Sum of GTIs [s]
ontime8	8249.5518212914	Sum of GTIs [s]
ontime9	8249.5999692678	Sum of GTIs [s]
l2events	988427	Number of level 2 events

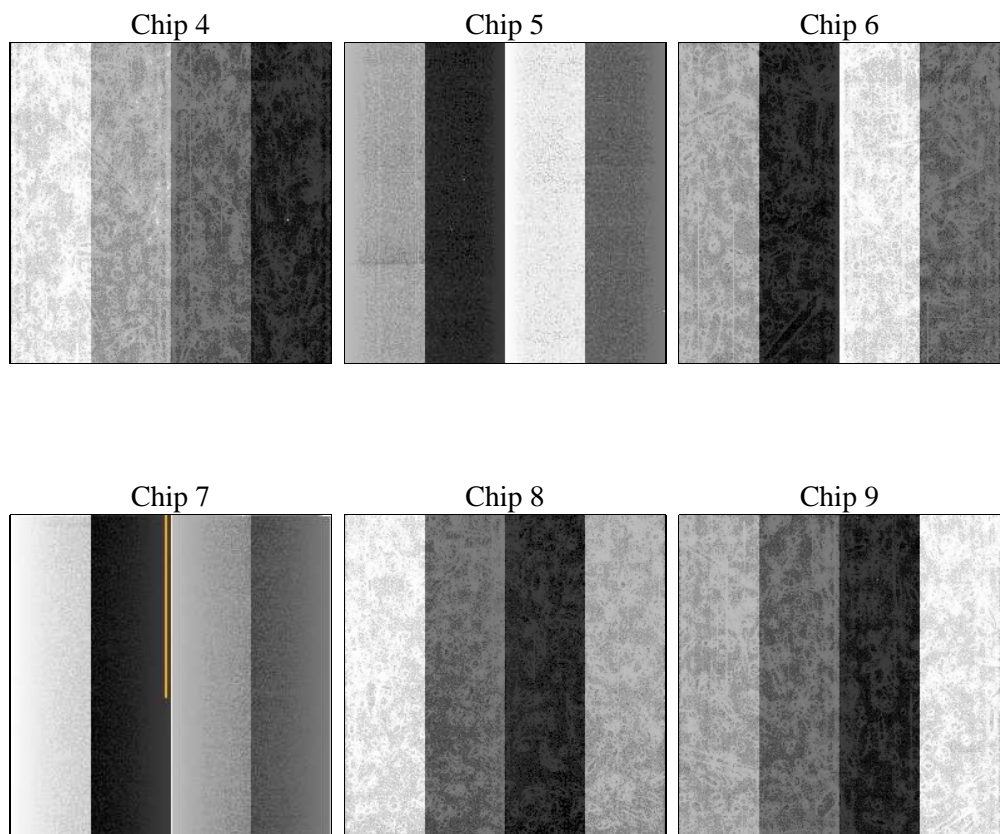
2 OBI

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	8.4.3	Processing system revision	ontime	8249.5999692678	Sum of GTIs [s]
caldbver	4.4.8	 	ontime4	8249.5928612649	Sum of GTIs [s]
date	2012-03-25T03:08:15	Date and time of file creation	ontime5	8249.5999692678	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	8249.5999692678	Sum of GTIs [s]
			ontime7	8249.5999692678	Sum of GTIs [s]
			ontime8	8249.5518212914	Sum of GTIs [s]
			ontime9	8249.5999692678	Sum of GTIs [s]
			l1events	1473702	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	234867	248069	242938	252796	258543	236489	grade 0 events	95170	37636	94066	44403	97733	92362
rejected events	71956	65700	69359	57917	76173	69557		40%	15%	38%	17%	37%	39%
rejected %	30%	26%	28%	22%	29%	29%	grade 1 events	776	235	532	178	555	617
								0%	0%	0%	0%	0%	0%
							grade 2 events	25802	65601	30629	42653	32190	28863
								10%	26%	12%	16%	12%	12%
							grade 3 events	10919	10268	10900	19304	12128	10899
								4%	4%	4%	7%	4%	4%
							grade 4 events	10896	10047	10829	19044	12113	10700
								4%	4%	4%	7%	4%	4%
							grade 5 events	3990	10125	4046	9786	5296	4445
								1%	4%	1%	3%	2%	1%
							grade 6 events	20701	59433	27785	70139	28839	24683
								8%	23%	11%	27%	11%	10%
							grade 7 events	66613	54724	64151	47289	69689	63920
								28%	22%	26%	18%	26%	27%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
[deg] Pointing RA	0	112.0237580734218	Alternating exposures requested	N	N
[deg] Pointing Dec	0	9.981576087213284	[s] Primary exposure time	3.2	3.2
[deg] Pointing Roll	0.0	283.8380669856461			
[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)	255681280.177763	255681279.15275			
Observation start date	2006-02-07T06:34:40	2006-02-07T06:34:39			
[s] Observation end time (MET)	255704912.57886	255704911.55384			
Observation end date	2006-02-07T13:08:33	2006-02-07T13:08:31			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2495999692678

A.2 Comments