

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 62086 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Aug 25 2012

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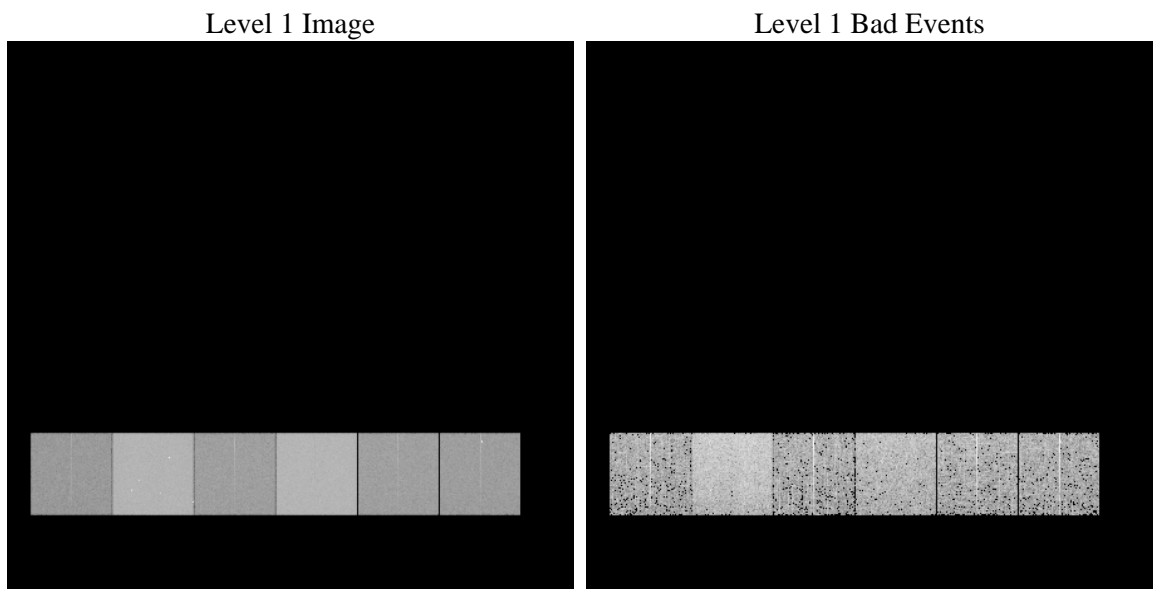
1 Front

seq_num	 	Sequence number
obs_id	62086	Observation id
title	ACIS-456789 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	267.98394964653	Nominal RA [deg]
dec_nom	-59.972340210022	Nominal Dec [deg]
roll_nom	73.905823064451	Nominal Roll [deg]
revision	5	Processing version of data
ontime	4206.8562702388	Sum of GTIs [s]
livetime	4153.5865230803	Livetime [s]
ontime4	1607.1871668398	Sum of GTIs [s]
ontime5	4505.0269942731	Sum of GTIs [s]
ontime6	1830.8599662483	Sum of GTIs [s]
ontime7	4206.8562702388	Sum of GTIs [s]
ontime8	1879.8017493486	Sum of GTIs [s]
ontime9	1792.2936695814	Sum of GTIs [s]
l2events	1281029	Number of level 2 events

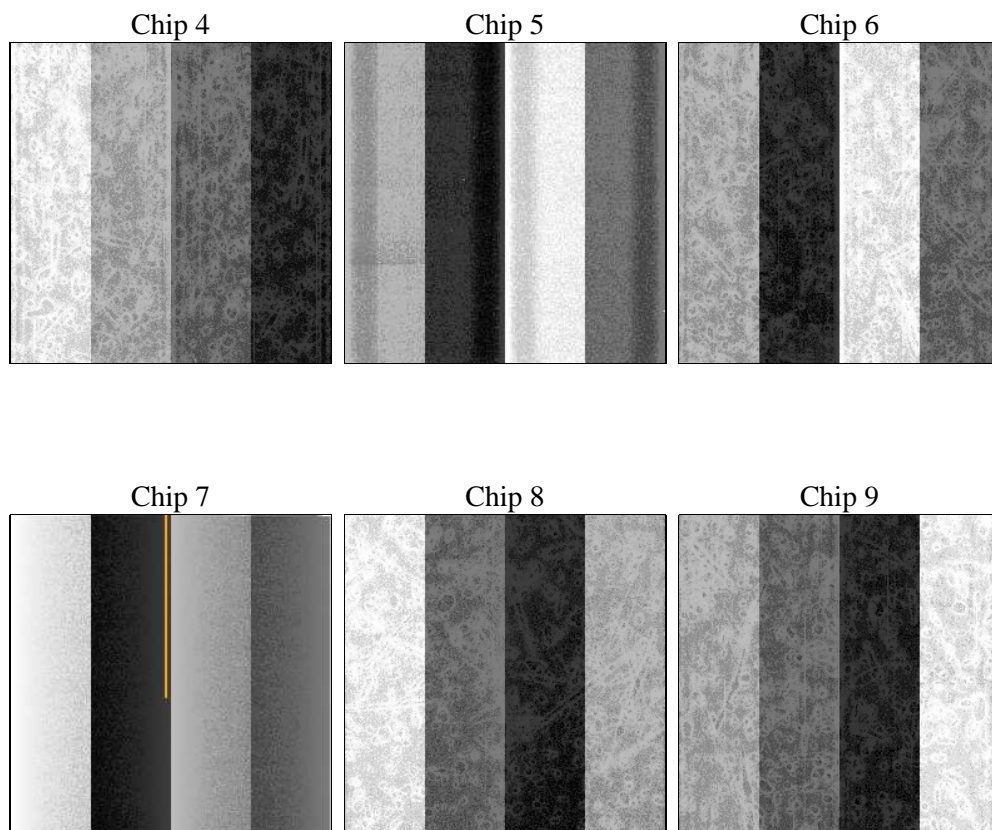
2 OBI

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	4206.8562702388	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime4	1607.1871668398	Sum of GTIs [s]
date	2012-08-25T19:11:01	Date and time of file creation	ontime5	4505.0269942731	Sum of GTIs [s]
revision	5	Processing version of data	ontime6	1830.8599662483	Sum of GTIs [s]
			ontime7	4206.8562702388	Sum of GTIs [s]
			ontime8	1879.8017493486	Sum of GTIs [s]
			ontime9	1792.2936695814	Sum of GTIs [s]
			l1events	1468248	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	149107	383602	181552	396273	185943	171771	grade 0 events	74608	91791	89484	96299	91729	84553
rejected events	17253	35534	17861	23597	19267	17352		50%	23%	49%	24%	49%	49%
rejected %	11%	9%	9%	5%	10%	10%	grade 1 events	518	312	497	274	539	489
								0%	0%	0%	0%	0%	0%
							grade 2 events	23076	118611	28493	83091	29323	27508
								15%	30%	15%	20%	15%	16%
							grade 3 events	8038	24092	10138	38208	10449	9700
								5%	6%	5%	9%	5%	5%
							grade 4 events	8264	23818	10120	37939	10581	9625
								5%	6%	5%	9%	5%	5%
							grade 5 events	1142	7268	1312	5433	1494	1359
								0%	1%	0%	1%	0%	0%
							grade 6 events	17868	89756	25456	117139	24594	23033
								11%	23%	14%	29%	13%	13%
							grade 7 events	15593	27954	16052	17890	17234	15504
								10%	7%	8%	4%	9%	9%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	267.983949646535
[deg] Pointing Dec	0	-59.97234021002152
[deg] Pointing Roll	0.0	73.90582306445114
[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)	71952467.856575	71952467.08811
Observation start date	2000-04-12T18:47:48	2000-04-12T18:47:47
[s] Observation end time (MET)	71995302.608145	71995301.83968
Observation end date	2000-04-13T06:41:43	2000-04-13T06:41:41
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.2068562702388

A.2 Comments