

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 61333 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Oct 1 2012

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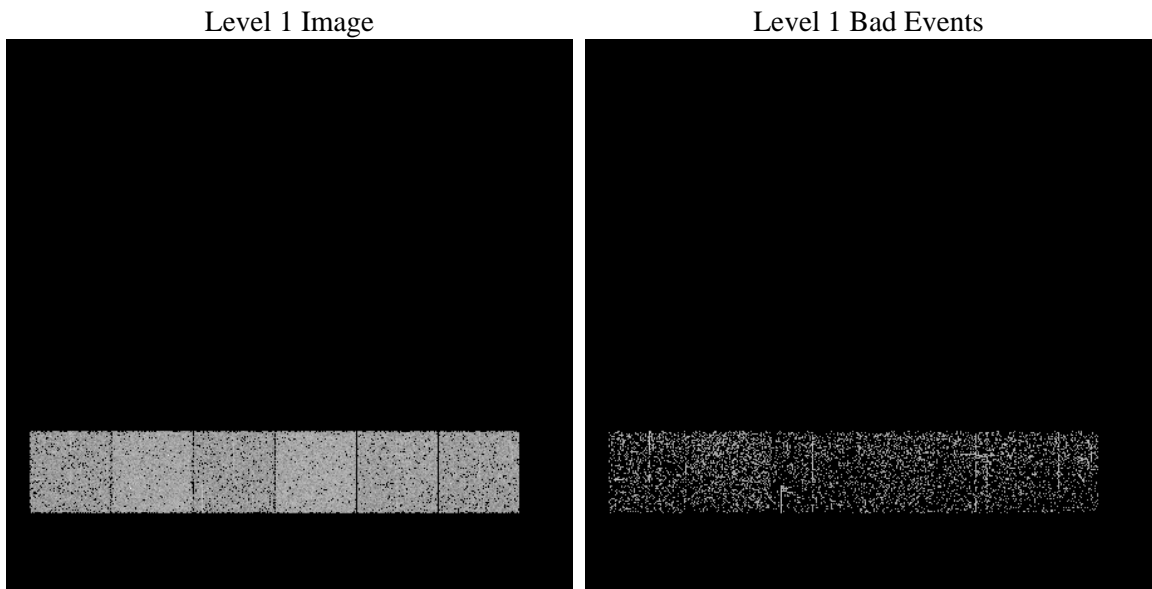
1 Front

seq_num	 	Sequence number
obs_id	61333	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	96.023710069266	Nominal RA [deg]
dec_nom	5.9842906082961	Nominal Dec [deg]
roll_nom	292.87704119394	Nominal Roll [deg]
revision	3	Processing version of data
ontime	262.42955102026	Sum of GTIs [s]
livetime	259.10651002914	Livetime [s]
ontime4	184.73713725805	Sum of GTIs [s]
ontime5	265.60000023246	Sum of GTIs [s]
ontime6	178.24558763206	Sum of GTIs [s]
ontime7	262.42955102026	Sum of GTIs [s]
ontime8	191.21911758184	Sum of GTIs [s]
ontime9	184.60447788239	Sum of GTIs [s]
l2events	64847	Number of level 2 events

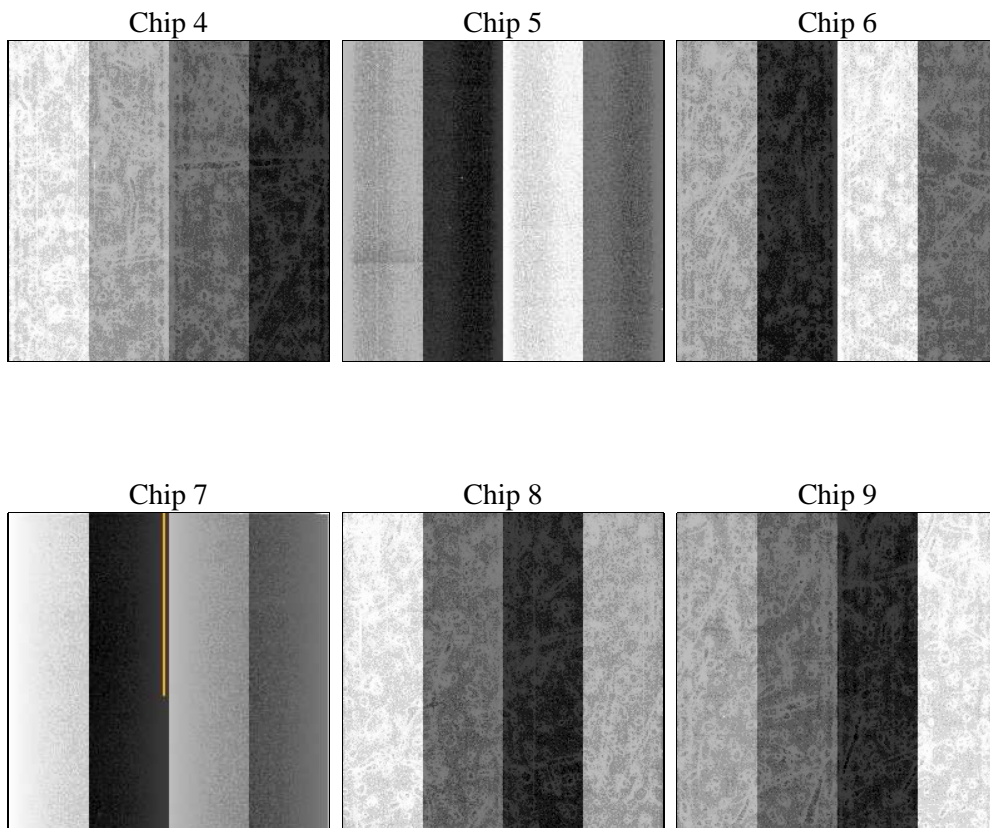
2 OBI

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	262.42955102026	Sum of GTIs [s]
caldsver	4.5.2	 	ontime4	184.73713725805	Sum of GTIs [s]
date	2012-10-01T10:14:04	Date and time of file creation	ontime5	265.60000023246	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	178.24558763206	Sum of GTIs [s]
			ontime7	262.42955102026	Sum of GTIs [s]
			ontime8	191.21911758184	Sum of GTIs [s]
			ontime9	184.60447788239	Sum of GTIs [s]
			l1events	77186	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	11159	15075	11131	16075	12457	11289
rejected events	1423	1801	1252	1346	1490	1272
rejected %	12%	11%	11%	8%	11%	11%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	5474	3310	5413	3881	5884	5497
	49%	21%	48%	24%	47%	48%
grade 1 events	21	51	28	7	33	18
	0%	0%	0%	0%	0%	0%
grade 2 events	1751	4680	1716	3374	1977	1781
	15%	31%	15%	20%	15%	15%
grade 3 events	607	865	573	1534	735	597
	5%	5%	5%	9%	5%	5%
grade 4 events	567	902	612	1449	705	577
	5%	5%	5%	9%	5%	5%
grade 5 events	85	343	87	261	114	106
	0%	2%	0%	1%	0%	0%
grade 6 events	1337	3517	1565	4491	1666	1565
	11%	23%	14%	27%	13%	13%
grade 7 events	1317	1407	1137	1078	1343	1148
	11%	9%	10%	6%	10%	10%

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	96.02371006926614
[deg] Pointing Dec	0	5.984290608296138
[deg] Pointing Roll	0.0	292.8770411939381
[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)	128613609.038691	128613608.27022
Observation start date	2002-01-28T14:00:09	2002-01-28T14:00:08
[s] Observation end time (MET)	128616643.038813	128616642.27035
Observation end date	2002-01-28T14:50:43	2002-01-28T14:50:42
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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.26242955102026

A.2 Comments