

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57885 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 12 2012

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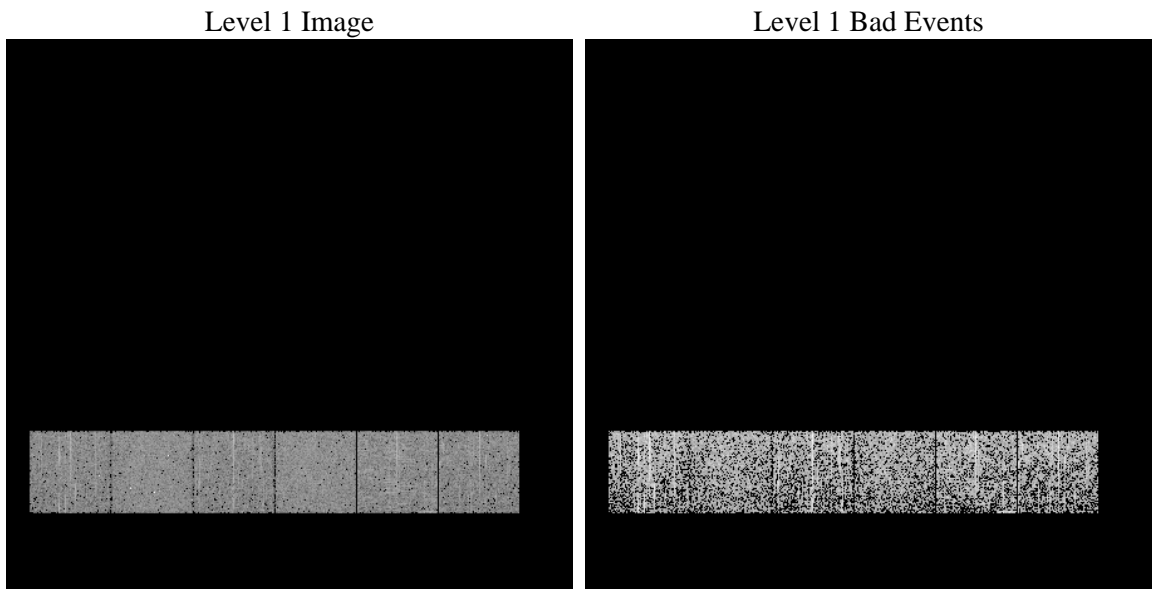
1 Front

seq_num	 	Sequence number
obs_id	57885	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	175.03206211017	Nominal RA [deg]
dec_nom	-28.005125136621	Nominal Dec [deg]
roll_nom	316.91361695766	Nominal Roll [deg]
revision	2	Processing version of data
ontime	883.19999676943	Sum of GTIs [s]
livetime	872.01638661114	Livetime [s]
ontime4	883.19999676943	Sum of GTIs [s]
ontime5	883.19999676943	Sum of GTIs [s]
ontime6	883.19999676943	Sum of GTIs [s]
ontime7	883.19999676943	Sum of GTIs [s]
ontime8	883.19999676943	Sum of GTIs [s]
ontime9	883.19999676943	Sum of GTIs [s]
l2events	67780	Number of level 2 events

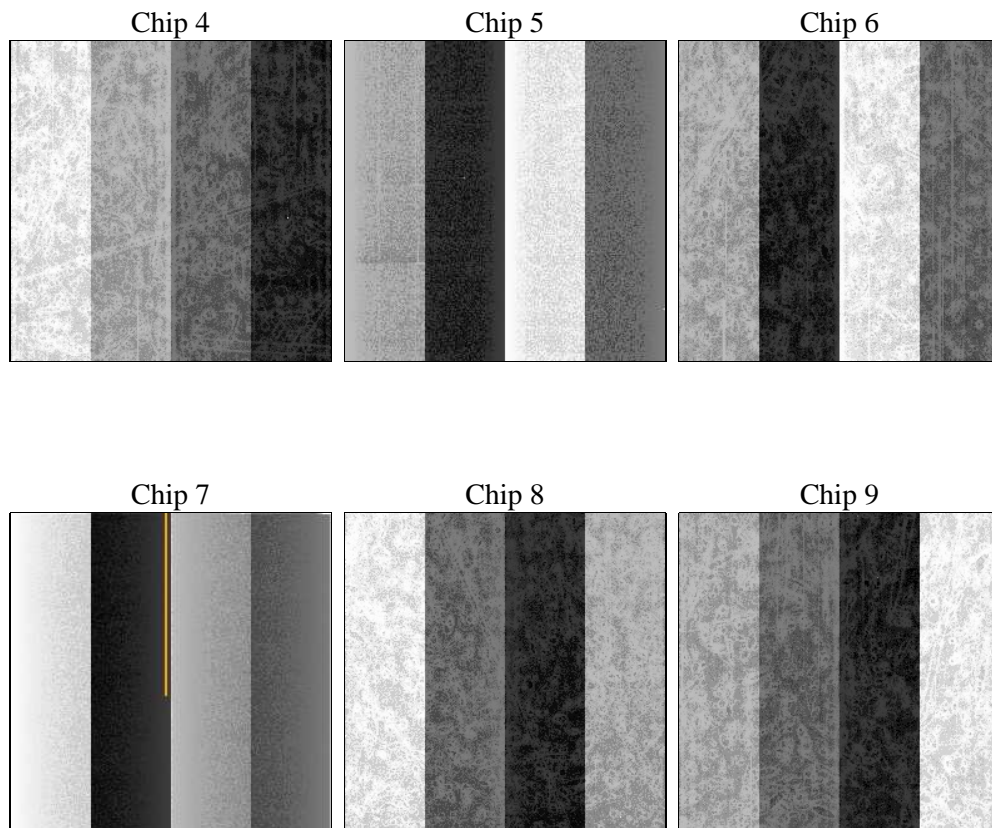
2 OBI

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	8.4.4	Processing system revision	ontime	883.19999676943	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	883.19999676943	Sum of GTIs [s]
date	2012-05-12T14:32:07	Date and time of file creation	ontime5	883.19999676943	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	883.19999676943	Sum of GTIs [s]
			ontime7	883.19999676943	Sum of GTIs [s]
			ontime8	883.19999676943	Sum of GTIs [s]
			ontime9	883.19999676943	Sum of GTIs [s]
			l1events	121675	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	19230	21755	19385	21341	21275	18689
rejected events	8617	7225	8222	6836	8574	7995
rejected %	44%	33%	42%	32%	40%	42%

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	6080	3069	5940	2956	6401	5787
	31%	14%	30%	13%	30%	30%
grade 1 events	62	42	34	20	48	31
	0%	0%	0%	0%	0%	0%
grade 2 events	1705	4863	1941	3170	2287	1855
	8%	22%	10%	14%	10%	9%
grade 3 events	710	696	715	1371	914	720
	3%	3%	3%	6%	4%	3%
grade 4 events	741	713	707	1322	870	691
	3%	3%	3%	6%	4%	3%
grade 5 events	449	1019	475	1155	617	517
	2%	4%	2%	5%	2%	2%
grade 6 events	1377	5189	1860	5686	2229	1641
	7%	23%	9%	26%	10%	8%
grade 7 events	8106	6164	7713	5661	7909	7447
	42%	28%	39%	26%	37%	39%

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	175.0320621101719
[deg] Pointing Dec	0	-28.00512513662096
[deg] Pointing Roll	0.0	316.9136169576573
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	323731265.063405	323731264.0384
Observation start date	2008-04-04T21:21:05	2008-04-04T21:21:04
[s] Observation end time (MET)	323742488.813951	323742487.78895
Observation end date	2008-04-05T00:28:09	2008-04-05T00:28:07
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)	2012.05.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.88319999676943

A.2 Comments