

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57276 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 31 2012

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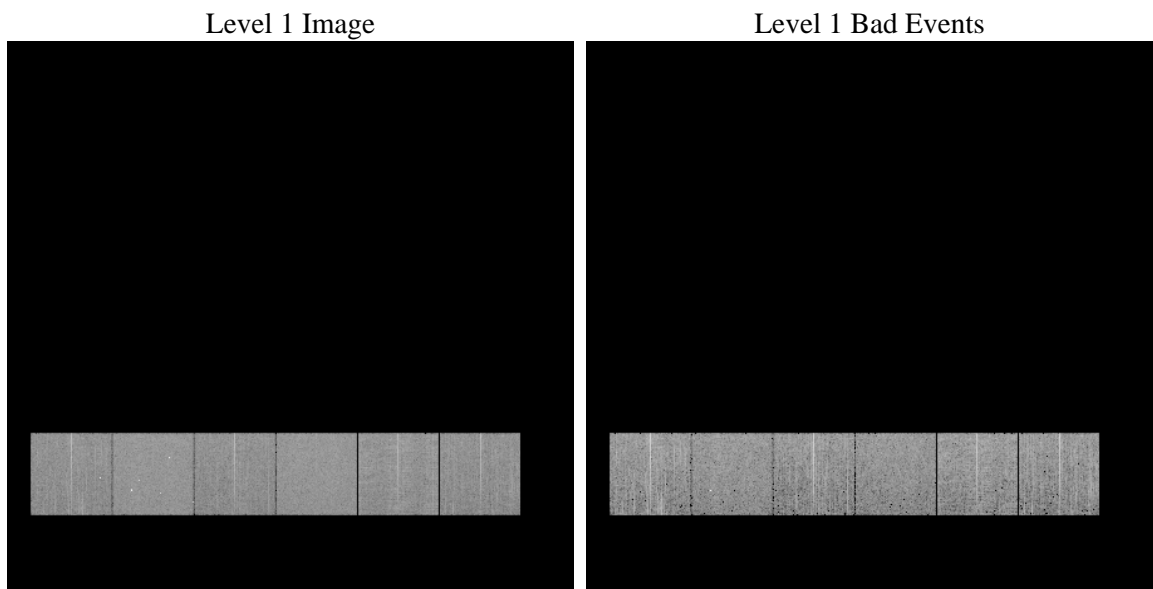
1 Front

seq_num	 	Sequence number
obs_id	57276	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	174.71097133158	Nominal RA [deg]
dec_nom	26.030311853541	Nominal Dec [deg]
roll_nom	126.96300589236	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4293.1035853028	Sum of GTIs [s]
livetime	4238.7417227091	Livetime [s]
ontime4	4292.9804652929	Sum of GTIs [s]
ontime5	4293.0625452995	Sum of GTIs [s]
ontime6	4293.0215052962	Sum of GTIs [s]
ontime7	4293.1035853028	Sum of GTIs [s]
ontime8	4292.9394252896	Sum of GTIs [s]
ontime9	4293.1446253061	Sum of GTIs [s]
l2events	282520	Number of level 2 events

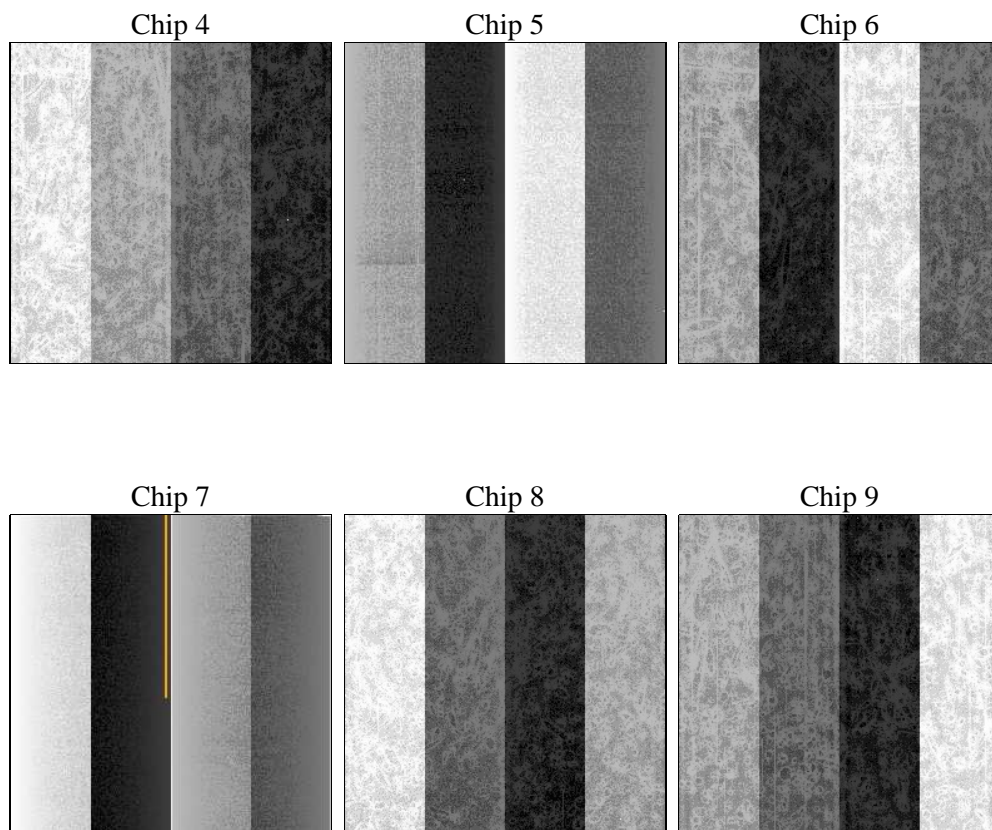
2 OBI

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	4293.1035853028	Sum of GTIs [s]
caldbver	4.4.9	 	ontime4	4292.9804652929	Sum of GTIs [s]
date	2012-05-31T14:54:24	Date and time of file creation	ontime5	4293.0625452995	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	4293.0215052962	Sum of GTIs [s]
			ontime7	4293.1035853028	Sum of GTIs [s]
			ontime8	4292.9394252896	Sum of GTIs [s]
			ontime9	4293.1446253061	Sum of GTIs [s]
			l1events	554153	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	87781	102206	84339	98836	95885	85106	grade 0 events	24563	10036	23468	11710	25369	23053
rejected events	44932	39107	39701	35863	43919	41813		27%	9%	27%	11%	26%	27%
rejected %	51%	38%	47%	36%	45%	49%	grade 1 events	247	137	157	87	173	184
								0%	0%	0%	0%	0%	0%
							grade 2 events	6888	22764	7950	13831	9909	7528
								7%	22%	9%	13%	10%	8%
							grade 3 events	3000	2796	2930	5872	3751	2866
								3%	2%	3%	5%	3%	3%
							grade 4 events	2867	2861	2864	5937	3736	3063
								3%	2%	3%	6%	3%	3%
							grade 5 events	2278	5237	2250	5788	3045	2498
								2%	5%	2%	5%	3%	2%
							grade 6 events	5531	24642	7426	25623	9201	6783
								6%	24%	8%	25%	9%	7%
							grade 7 events	42407	33733	37294	29988	40701	39131
								48%	33%	44%	30%	42%	45%

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	174.7109713315788
[deg] Pointing Dec	0	26.03031185354081
[deg] Pointing Roll	0.0	126.9630058923587
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	351643514.244989	351643513.22
Observation start date	2009-02-21T22:45:14	2009-02-21T22:45:13
[s] Observation end time (MET)	351651185.345369	351651184.32038
Observation end date	2009-02-22T00:53:05	2009-02-22T00:53:04
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.2931035853028

A.2 Comments