

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55274 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 18 2012

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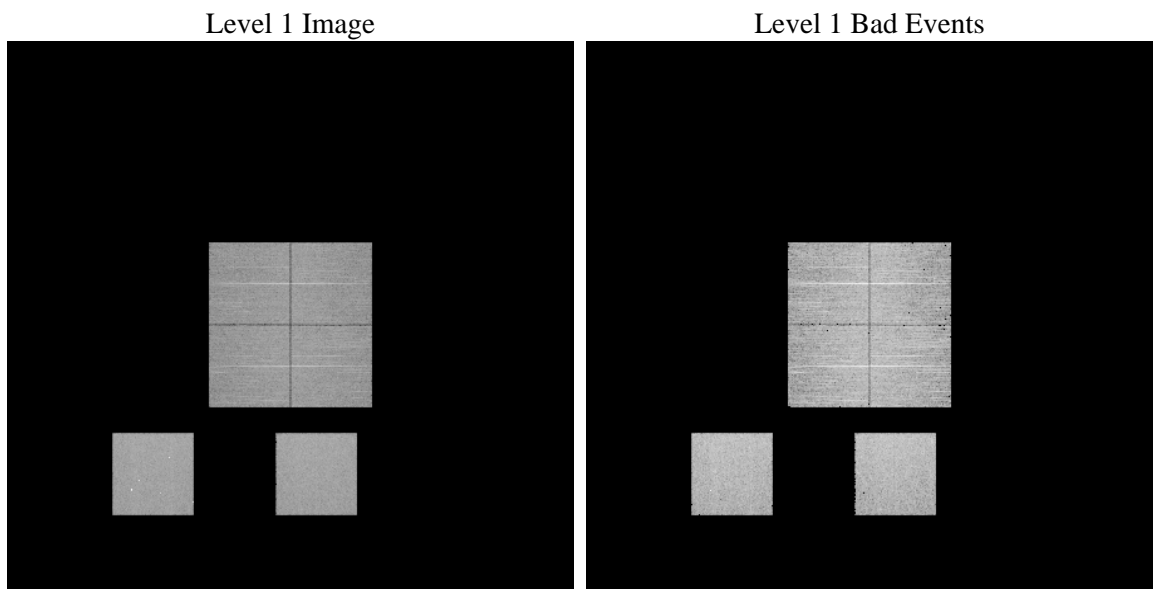
1 Front

seq_num	 	Sequence number
obs_id	55274	Observation id
title	ACIS-012357 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	338.16735787709	Nominal RA [deg]
dec_nom	-20.553515010298	Nominal Dec [deg]
roll_nom	91.185426746435	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8201.5999695063	Sum of GTIs [s]
livetime	8097.7463722818	Livetime [s]
ontime0	8201.5999695063	Sum of GTIs [s]
ontime1	8201.5999695063	Sum of GTIs [s]
ontime2	8201.5999695063	Sum of GTIs [s]
ontime3	8201.5999695063	Sum of GTIs [s]
ontime5	8201.5999695063	Sum of GTIs [s]
ontime7	8201.5999695063	Sum of GTIs [s]
l2events	329782	Number of level 2 events

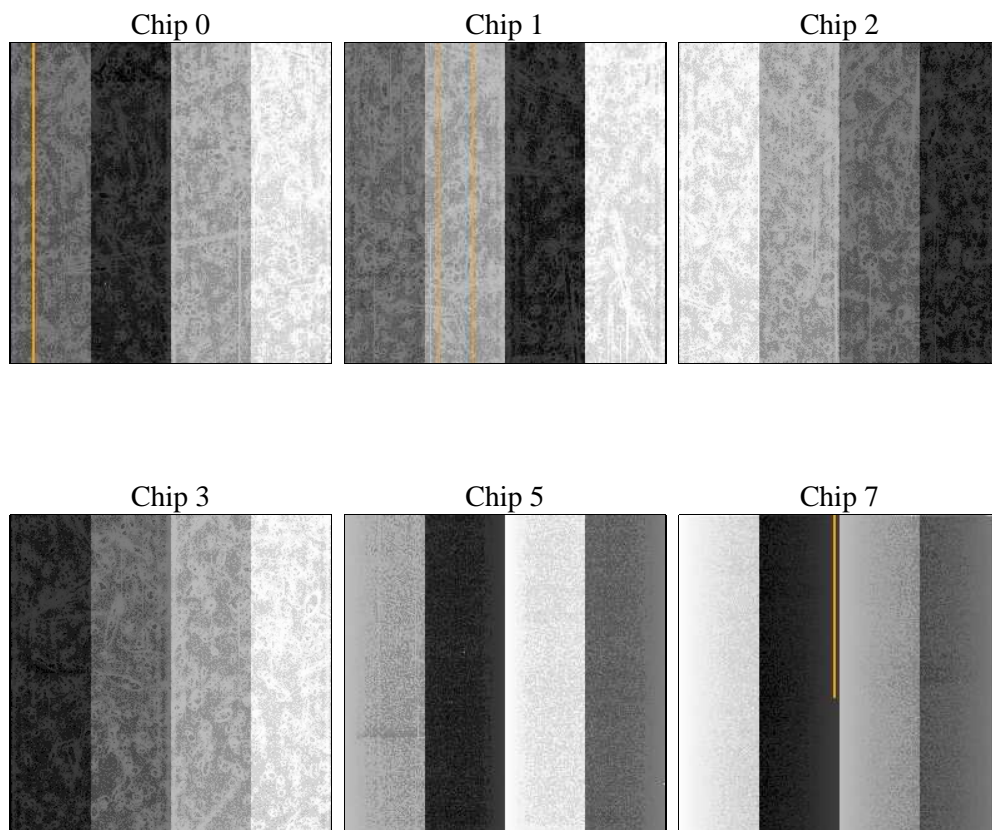
2 OBI

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	8201.5999695063	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	8201.5999695063	Sum of GTIs [s]
date	2012-02-18T20:15:23	Date and time of file creation	ontime1	8201.5999695063	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8201.5999695063	Sum of GTIs [s]
			ontime3	8201.5999695063	Sum of GTIs [s]
			ontime5	8201.5999695063	Sum of GTIs [s]
			ontime7	8201.5999695063	Sum of GTIs [s]
			l1events	688869	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	99839	101306	102137	106819	141413	137355	grade 0 events	25277	24826	25855	26272	10656	13249
rejected events	52270	53418	54979	58675	61162	60410		25%	24%	25%	24%	7%	9%
rejected %	52%	52%	53%	54%	43%	43%	grade 1 events	130	125	196	174	168	124
								0%	0%	0%	0%	0%	0%
							grade 2 events	8811	9494	8333	8683	28819	16821
								8%	9%	8%	8%	20%	12%
							grade 3 events	3288	3221	3210	3262	3178	6940
								3%	3%	3%	3%	2%	5%
							grade 4 events	3260	3303	3218	3419	3039	6881
								3%	3%	3%	3%	2%	5%
							grade 5 events	3406	3423	3067	3909	7501	9046
								3%	3%	3%	3%	5%	6%
							grade 6 events	7467	7568	7066	6998	35422	33847
								7%	7%	6%	6%	25%	24%
							grade 7 events	48200	49346	51192	54102	52630	50447
								48%	48%	50%	50%	37%	36%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012357	ACIS-012357
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	338.1673578770947
[deg] Pointing Dec	0	-20.55351501029834
[deg] Pointing Roll	0.0	91.18542674643503
[mm] SIM focus pos	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
[mm] SIM translation stage pos	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	428373740.629766	428373740.629766
Observation start date	2011-07-30T00:42:21	2011-07-30T00:42:20
[s] Observation end time (MET)	428383289.085657	428383289.085657
Observation end date	2011-07-30T03:21:29	2011-07-30T03:21:29
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	OVERRIDE	OVERRIDE
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)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2015999695063

A.2 Comments