

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 54482 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 23 2012

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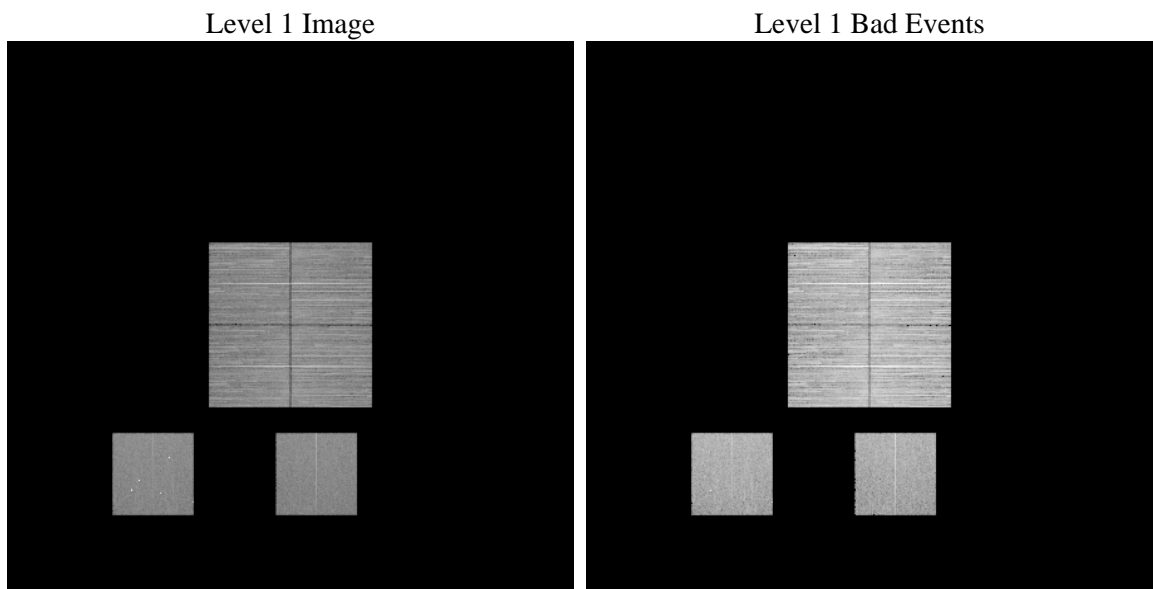
1 Front

seq_num	 	Sequence number
obs_id	54482	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	343.63375745136	Nominal RA [deg]
dec_nom	-40.779671935465	Nominal Dec [deg]
roll_nom	75.894564747788	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8025.5999701619	Sum of GTIs [s]
livetime	7923.9749909036	Livetime [s]
ontime0	8025.5999701619	Sum of GTIs [s]
ontime1	8025.5999701619	Sum of GTIs [s]
ontime2	8025.5999701619	Sum of GTIs [s]
ontime3	8025.5999701619	Sum of GTIs [s]
ontime5	8025.5999701619	Sum of GTIs [s]
ontime7	8025.5999701619	Sum of GTIs [s]
l2events	287806	Number of level 2 events

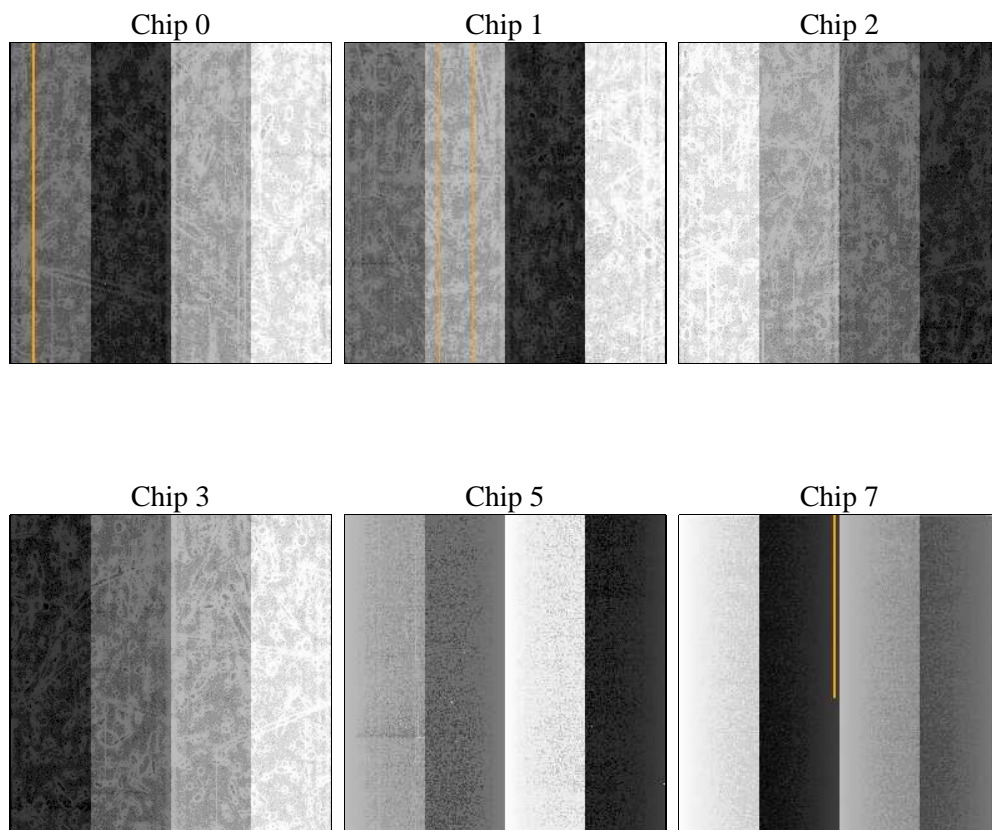
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8025.5999701619	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	8025.5999701619	Sum of GTIs [s]
date	2012-08-23T17:43:56	Date and time of file creation	ontime1	8025.5999701619	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8025.5999701619	Sum of GTIs [s]
			ontime3	8025.5999701619	Sum of GTIs [s]
			ontime5	8025.5999701619	Sum of GTIs [s]
			ontime7	8025.5999701619	Sum of GTIs [s]
			l1events	997364	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	165193	179057	168046	189795	152892	142381	grade 0 events	22097	21548	22665	22621	12834	11413
rejected events	123829	137313	126732	148179	78985	74234		13%	12%	13%	11%	8%	8%
rejected %	74%	76%	75%	78%	51%	52%	grade 1 events	112	89	123	146	350	102
								0%	0%	0%	0%	0%	0%
							grade 2 events	8474	9274	8031	8260	27442	17608
								5%	5%	4%	4%	17%	12%
							grade 3 events	2870	2727	2954	2944	2590	5716
								1%	1%	1%	1%	1%	4%
							grade 4 events	2804	2726	2792	2886	2566	5644
								1%	1%	1%	1%	1%	3%
							grade 5 events	3055	3117	2906	3301	6462	8156
								1%	1%	1%	1%	4%	5%
							grade 6 events	6985	7336	6608	6671	31189	30354
								4%	4%	3%	3%	20%	21%
							grade 7 events	118796	132240	121967	142966	69459	63388
								71%	73%	72%	75%	45%	44%

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	343.6337574513576
[deg] Pointing Dec	0	-40.77967193546498
[deg] Pointing Roll	0.0	75.89456474778817
SIM focus pos (mm)	-1.4281808131	-1.4281808131
[mm] SIM defocus	0.1051557500557434	0.1051557500557434
SIM translation stage pos (mm)	250.4660330802	250.4660330802
[mm] SIM translation stage offset	-0.01005726120527584	-0.01005726120527584
[s] Observation start time (MET)	458993715.656675	458993715.656675
Observation start date	2012-07-18T10:15:16	2012-07-18T10:15:15
[s] Observation end time (MET)	459003264.614335	459003264.614335
Observation end date	2012-07-18T12:54:25	2012-07-18T12:54:24
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)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0255999701619

A.2 Comments