

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55530 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

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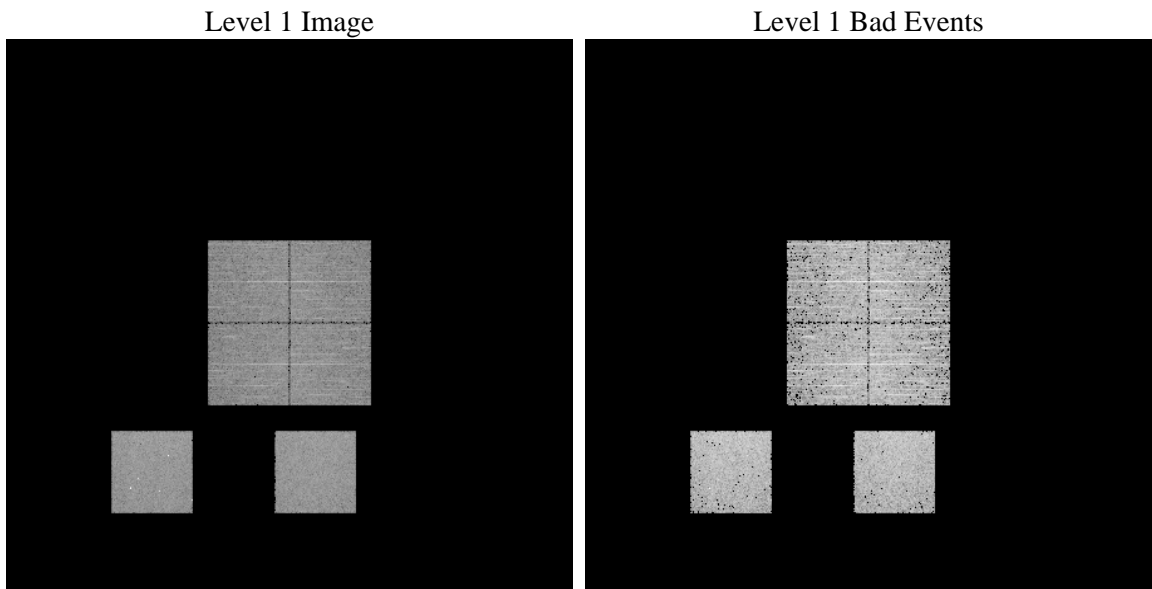
1 Front

seq_num	 	Sequence number
obs_id	55530	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtycle	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	259.18092945776	Nominal RA [deg]
dec_nom	8.2223002147137	Nominal Dec [deg]
roll_nom	103.10164983516	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3065.5999886394	Sum of GTIs [s]
livetime	3026.7815157005	Livetime [s]
ontime0	3065.5999886394	Sum of GTIs [s]
ontime1	3065.5999886394	Sum of GTIs [s]
ontime2	3065.5999886394	Sum of GTIs [s]
ontime3	3065.5999886394	Sum of GTIs [s]
ontime5	3065.5999886394	Sum of GTIs [s]
ontime7	3065.5999886394	Sum of GTIs [s]
l2events	128322	Number of level 2 events

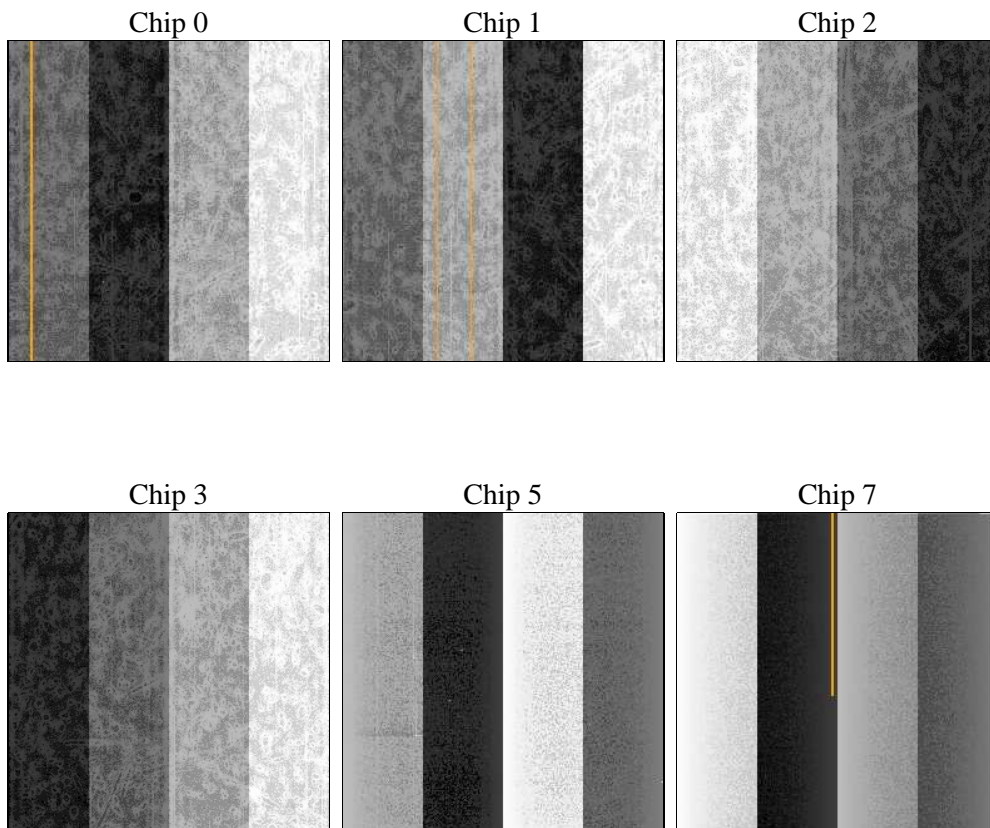
2 OBI

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	8.4.3	Processing system revision	ontime	3065.5999886394	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	3065.5999886394	Sum of GTIs [s]
date	2012-02-07T17:04:51	Date and time of file creation	ontime1	3065.5999886394	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	3065.5999886394	Sum of GTIs [s]
			ontime3	3065.5999886394	Sum of GTIs [s]
			ontime5	3065.5999886394	Sum of GTIs [s]
			ontime7	3065.5999886394	Sum of GTIs [s]
			l1events	279569	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	40592	41862	41075	43934	56693	55413	grade 0 events	10616	10447	10920	11002	5175	5497
rejected events	21876	22957	22323	24808	25748	25583		26%	24%	26%	25%	9%	9%
rejected %	53%	54%	54%	56%	45%	46%	grade 1 events	58	51	72	78	109	39
								0%	0%	0%	0%	0%	0%
							grade 2 events	3696	3944	3523	3528	11570	7032
								9%	9%	8%	8%	20%	12%
							grade 3 events	1399	1289	1390	1424	1332	2840
								3%	3%	3%	3%	2%	5%
							grade 4 events	1305	1292	1396	1448	1300	2767
								3%	3%	3%	3%	2%	4%
							grade 5 events	1339	1361	1180	1446	2915	3642
								3%	3%	2%	3%	5%	6%
							grade 6 events	3072	3308	2844	3058	13769	13840
								7%	7%	6%	6%	24%	24%
							grade 7 events	19107	20170	19750	21950	20523	19756
								47%	48%	48%	49%	36%	35%

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	259.1809294577631
[deg] Pointing Dec	0	8.222300214713702
[deg] Pointing Roll	0.0	103.1016498351632
[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)	418782979.50293	418782979.50293
Observation start date	2011-04-10T00:36:20	2011-04-10T00:36:19
[s] Observation end time (MET)	418786721.592914	418786721.592914
Observation end date	2011-04-10T01:38:42	2011-04-10T01:38:41
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)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.0655999886394

A.2 Comments