

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 55350 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 12 2012

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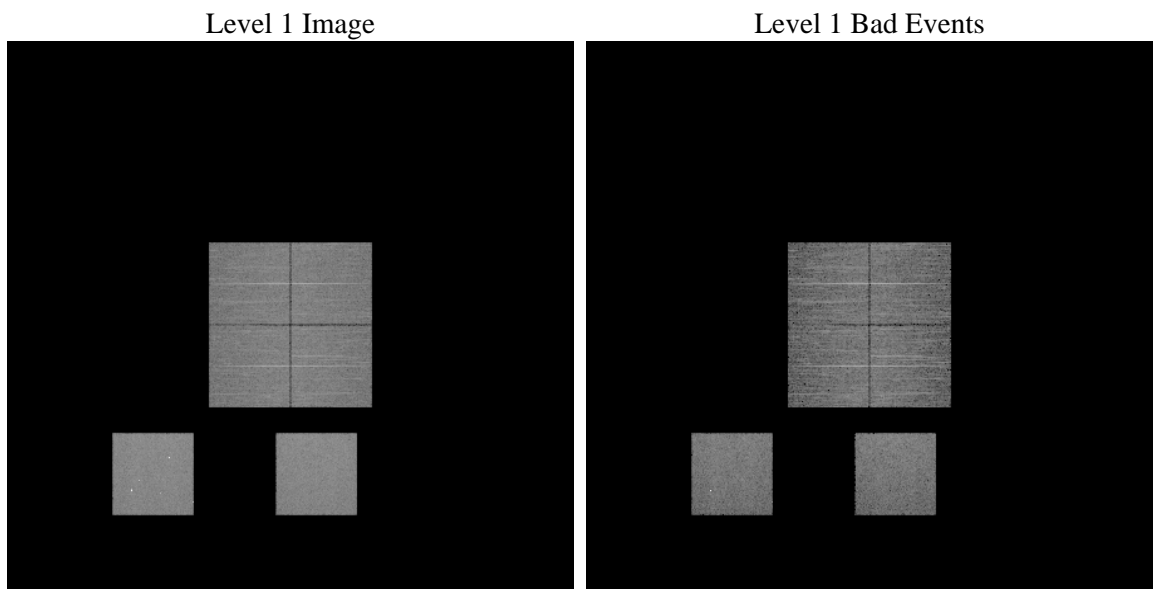
1 Front

seq_num	 	Sequence number
obs_id	55350	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	213.56290586919	Nominal RA [deg]
dec_nom	-33.993755643752	Nominal Dec [deg]
roll_nom	262.63502525813	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8229.3314172029	Sum of GTIs [s]
livetime	8125.1266676898	Livetime [s]
ontime0	8229.2903771996	Sum of GTIs [s]
ontime1	8229.2493371964	Sum of GTIs [s]
ontime2	8229.2082971931	Sum of GTIs [s]
ontime3	8229.3724572062	Sum of GTIs [s]
ontime5	8229.1672571898	Sum of GTIs [s]
ontime7	8229.3314172029	Sum of GTIs [s]
l2events	337873	Number of level 2 events

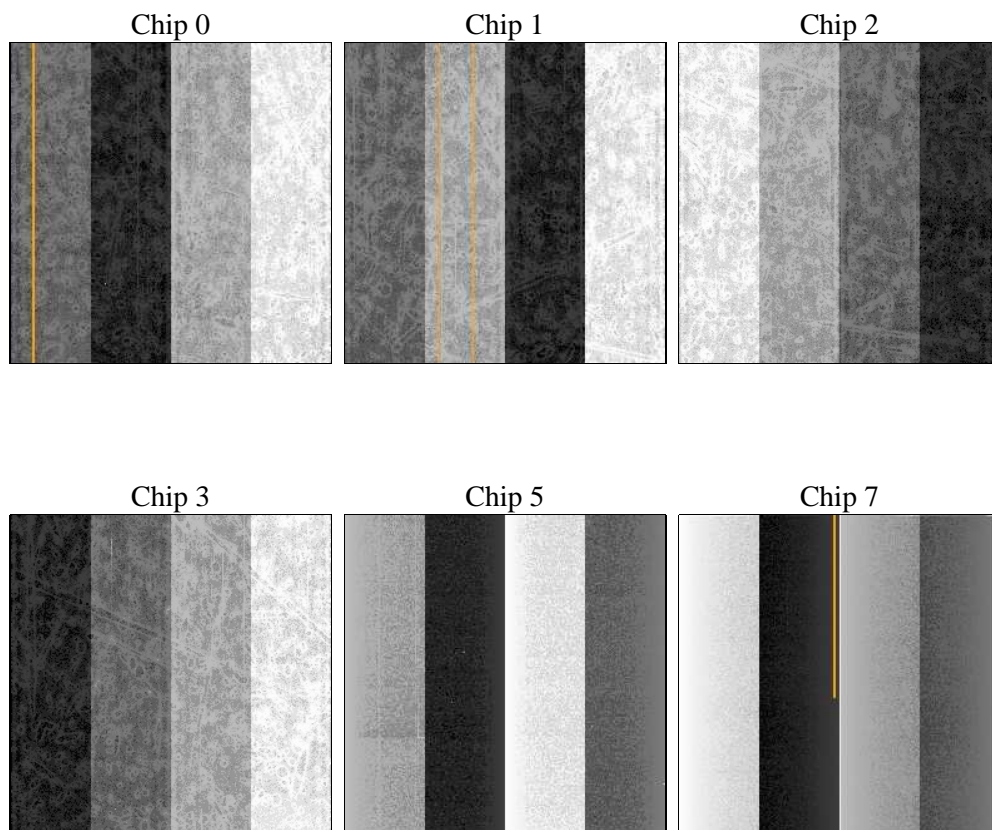
2 OBI

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	8229.3314172029	Sum of GTIs [s]
caldsver	4.4.7	 	ontime0	8229.2903771996	Sum of GTIs [s]
date	2012-02-12T14:19:25	Date and time of file creation	ontime1	8229.2493371964	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8229.2082971931	Sum of GTIs [s]
			ontime3	8229.3724572062	Sum of GTIs [s]
			ontime5	8229.1672571898	Sum of GTIs [s]
			ontime7	8229.3314172029	Sum of GTIs [s]
			l1events	692348	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	101148	102864	103069	105565	143518	136184	grade 0 events	25910	25667	26324	26946	11928	13388
rejected events	52138	52984	54037	56045	61338	58519		25%	24%	25%	25%	8%	9%
rejected %	51%	51%	52%	53%	42%	42%	grade 1 events	154	133	183	166	215	101
								0%	0%	0%	0%	0%	0%
							grade 2 events	9252	9741	8769	8793	29300	16875
								9%	9%	8%	8%	20%	12%
							grade 3 events	3428	3405	3343	3454	3313	7087
								3%	3%	3%	3%	2%	5%
							grade 4 events	3178	3296	3432	3378	3321	7006
								3%	3%	3%	3%	2%	5%
							grade 5 events	3362	3559	3126	3594	8268	9260
								3%	3%	3%	3%	5%	6%
							grade 6 events	7635	8097	7524	7353	34938	33876
								7%	7%	7%	6%	24%	24%
							grade 7 events	48229	48966	50368	51881	52235	48591
								47%	47%	48%	49%	36%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	OVERRIDE	OVERRIDE
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	213.5629058691926	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-33.99375564375197	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	262.6350252581327	[s] Primary exposure time	3.2	3.2
[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)	424521108.150988	424521108.150988			
Observation start date	2011-06-15T10:31:48	2011-06-15T10:31:48			
[s] Observation end time (MET)	424532162.934524	424532162.934524			
Observation end date	2011-06-15T13:36:03	2011-06-15T13:36:02			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.2293314172029

A.2 Comments